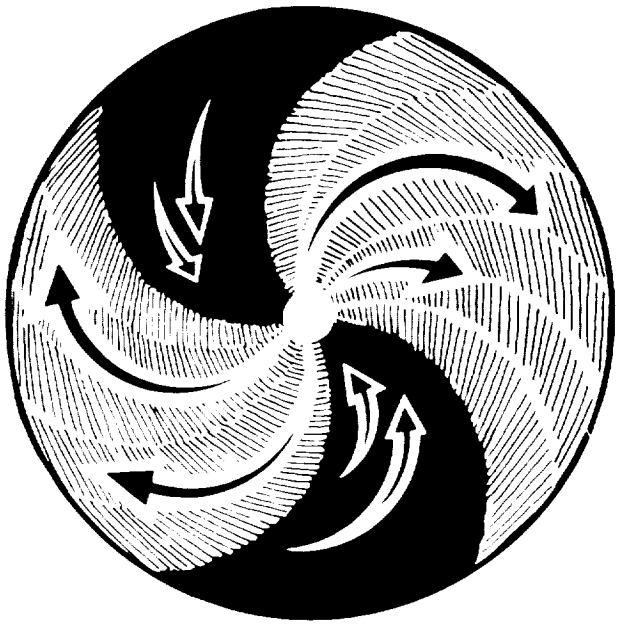
NSSDC NATIONAL SPACE SCIENCE DATA CENTER

WORLD DATA CENTER A for ROCKETS AND SATELLITES 89-17

Interplanetary Medium Data Book—Supplement 4, 1985–1988



September 1989

NASA
National Aeronautics and Space Administration

Goddard Space Flight Center

NSSDC/WDC-A-R&S 89-17

Interplanetary Medium Data Book—Supplement 4, 1985-1988

By

Joseph H. King

September 1989

National Space Science Data Center (NSSDC)/
World Data Center A for Rockets and Satellites (WDC-A-R&S)
National Aeronautics and Space Administration
Goddard Space Flight Center
Greenbelt, Maryland 20771

Introduction

This publication represents an extension of the series of *Interplanetary Medium Data Books* and supplements that have been issued by the National Space Science Data Center since 1977. This volume contains solar wind magnetic field (IMF) and plasma data from the IMP 8 spacecraft for 1985 through 1988, and 1985 IMF data from the Czechoslovakian/Soviet Prognoz 10 spacecraft (also called Intershock). The normalization of the MIT plasma density and temperature, which has been discussed at length in previous volumes, is implemented as before, using the same normalization constants for 1985-88 data as for the earlier data.

The data books and supplements, all available from NSSDC, are produced from the NSSDC-maintained OMNItape, which now spans 1963-88. The 1973-88 portion of the OMNItape's contents is available on line for electronic browse and access, with time and parameter subsetting capability. (From a SPAN node, SET HOST NSSDCA, then USERNAME=NSSDC, then follow the prompts and menus.)

The plots and listings of this supplement are of the same format as in previous supplements. Days for which neither IMF nor plasma data were available for any hours are omitted from the listings. Note that data source identifiers J and P are used for IMP 8 and for Prognoz 10, respectively.

The figure that follows shows the fractional IMF and plasma data coverage for each year since 1973, the IMP 8 launch year.

Prognoz 10 IMF Data

Prognoz 10 was launched April 26, 1985, into a highly eccentric orbit of apogee 31 Earth radii and orbital period 4.0 days. Its spin axis was maintained within 10 deg of the solar direction, and its spin rate was in the range 1.5 to 2.4 rpm. It was instrumented to measure in situ magnetic fields, waves, plasmas, and energetic particles; its primary scientific objective was the study of interplanetary shocks.

Prognoz 10 provided useful data from launch through November 11, 1985. Overall management of the Prognoz 10 mission was shared between the Astronomical Institute of the Czechoslovak Academy of Sciences and the Space Research Institute of the Soviet Academy of Sciences.

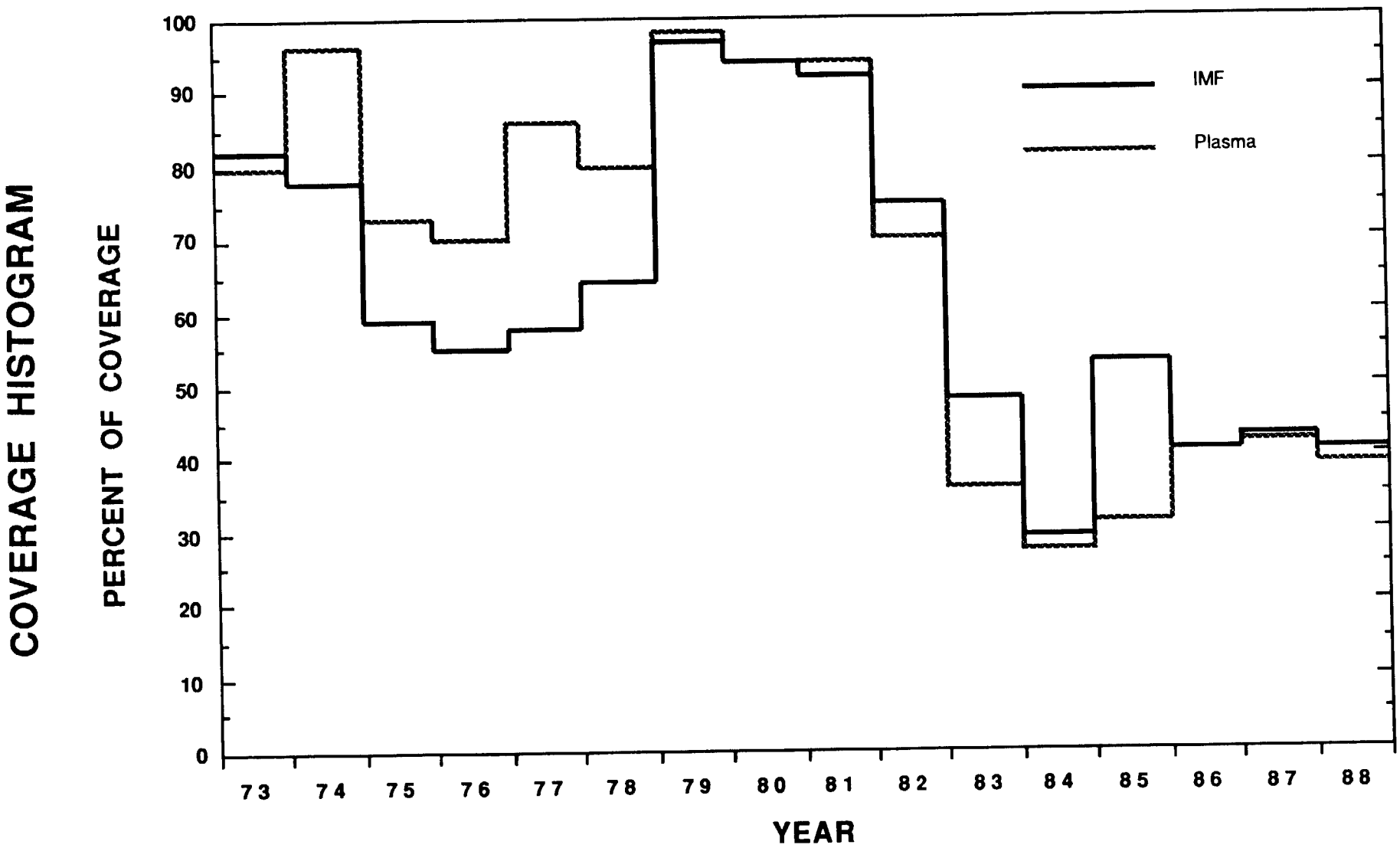
The spacecraft carried a boom-mounted triaxial magnetometer provided by the Principal Investigator, Dr. E. Yeroshenko of IZMIRAN/USSR. In its nonshock mode, the instrument made one measurement of the ambient magnetic field every 10.24 sec; the resolution in each sensor measurement was 0.5 nT. Data processing was carried out by the principal investigator and colleagues, who then provided 10-min averaged magnetic field vectors, for times when Prognoz was in the solar wind, to World Data Center-B2 for

Solar Terrestrial Physics (A. Feldstein, Moscow). These data were sent to NSSDC for dissemination to the U.S. space physics community.

Dr. David Sibeck of the Johns Hopkins University's Applied Physics Laboratory took the 10-min data from NSSDC, determined that a 1.0 nT offset had to be applied to the Bx(GSE) component to obtain consistency with simultaneously measured IMP 8 values of Bx(GSE), applied the offset, computed hourly averages, and provided these data back to NSSDC for inclusion in the OMNItape. Note that the X(GSE) component, being approximately along the Prognoz spin vector, is the least well-determined component, whereas the IMP 8 Bx(GSE) is highly reliable owing to its being normal to the IMP spin vector.

Acknowledgments

The IMP 8 IMF and plasma data were provided by Dr. Ronald Lepping of Goddard Space Flight Center and Dr. Alan Lazarus of the Massachusetts Institute of Technology. The Prognoz 10 data were provided by Dr. E. Yeroshenko of IZMIRAN, through Dr. A. Feldstein of WDC-B2 (Moscow). Dr. David Sibeck of the Applied Physics Laboratory analyzed the consistency of the Prognoz 10 and IMP 8 IMF data, and normalized the former. Howard Leckner of NSSDC has been instrumental in keeping the OMNItape, and its online version, current, and in generating the plots and listings of this supplement. Robert Tice of the NSSDC photo lab and Ronald Blitstein of the NSSDC operations group contributed significantly to the final preparation of this document. Dr. Susan Kayser of NSSDC has also contributed to the OMNItape maintenance since the last supplement was issued in 1986. I thank all these persons for their contributions.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73
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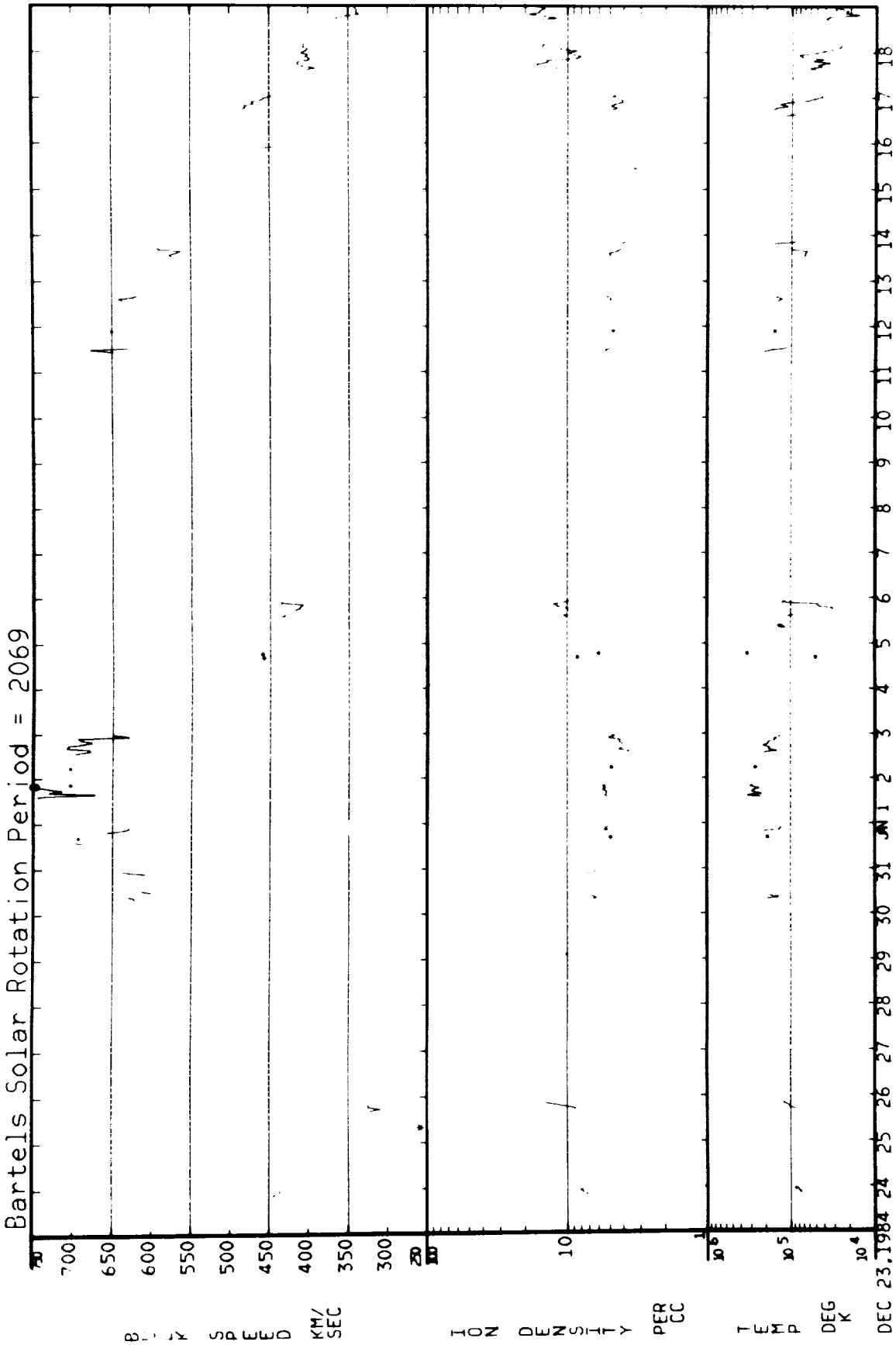
YEAR
IMF
Plasma

12/23/84 - 01/18/85



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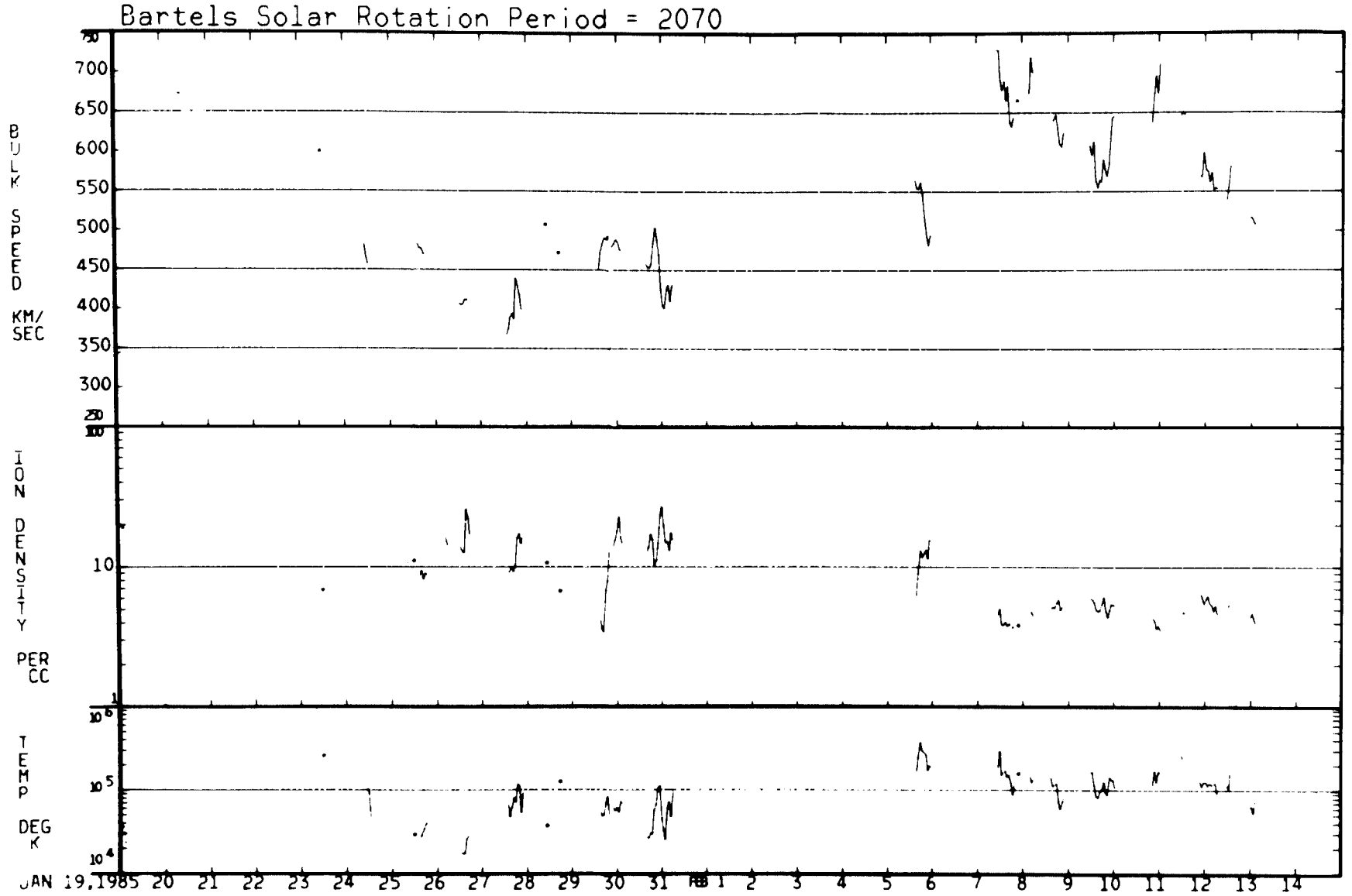

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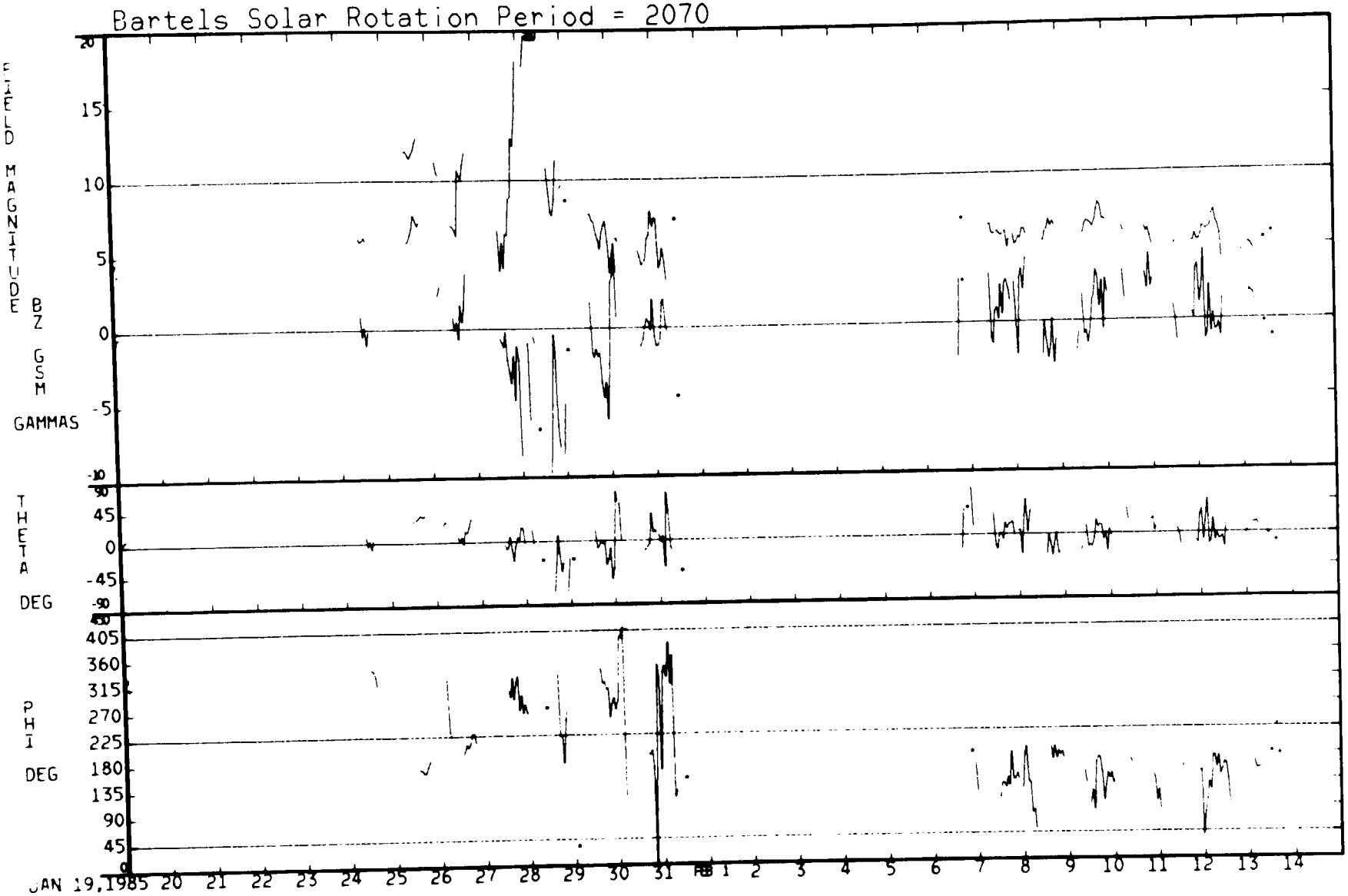

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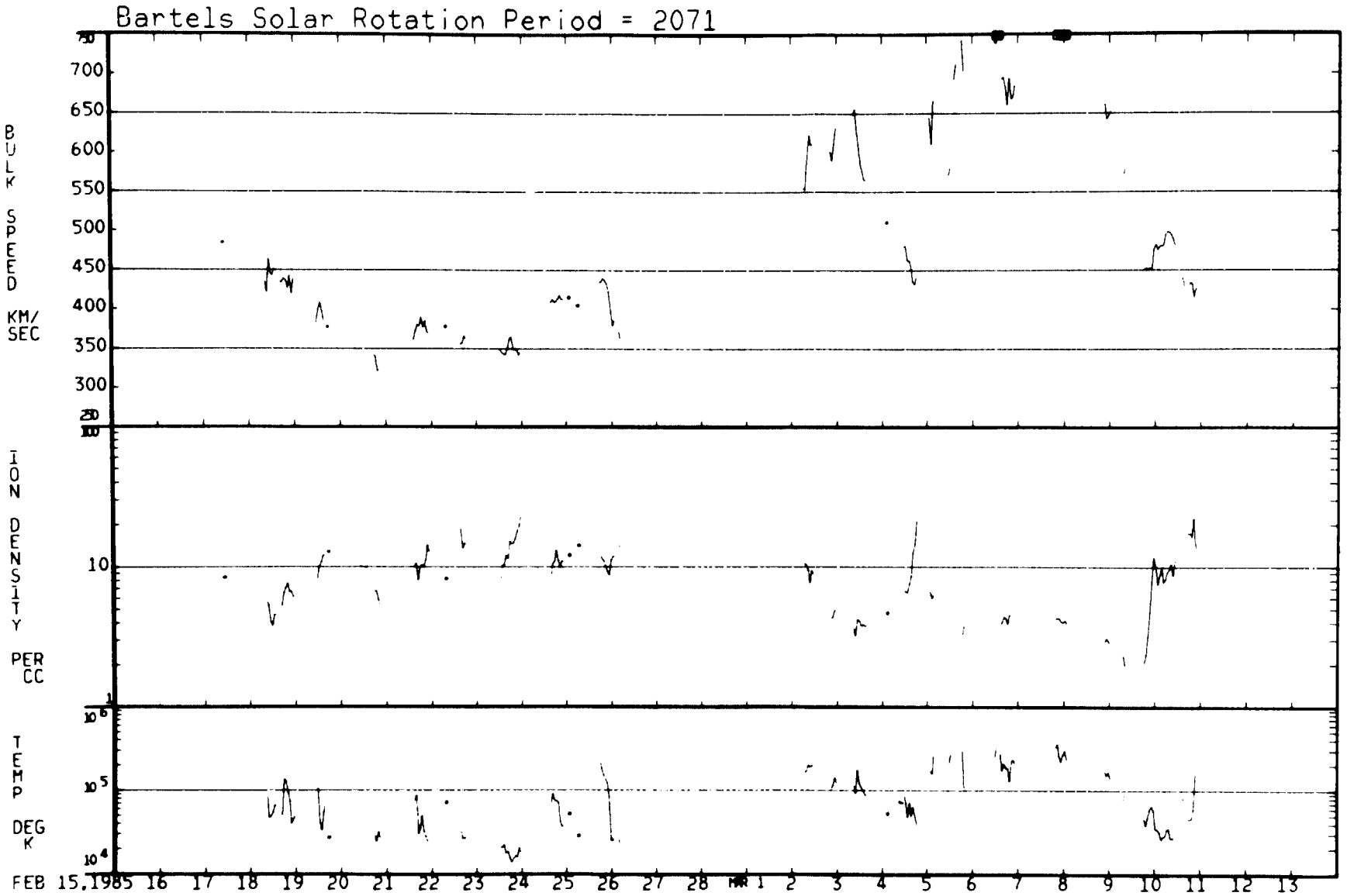
02/15/85 - 03/13/85



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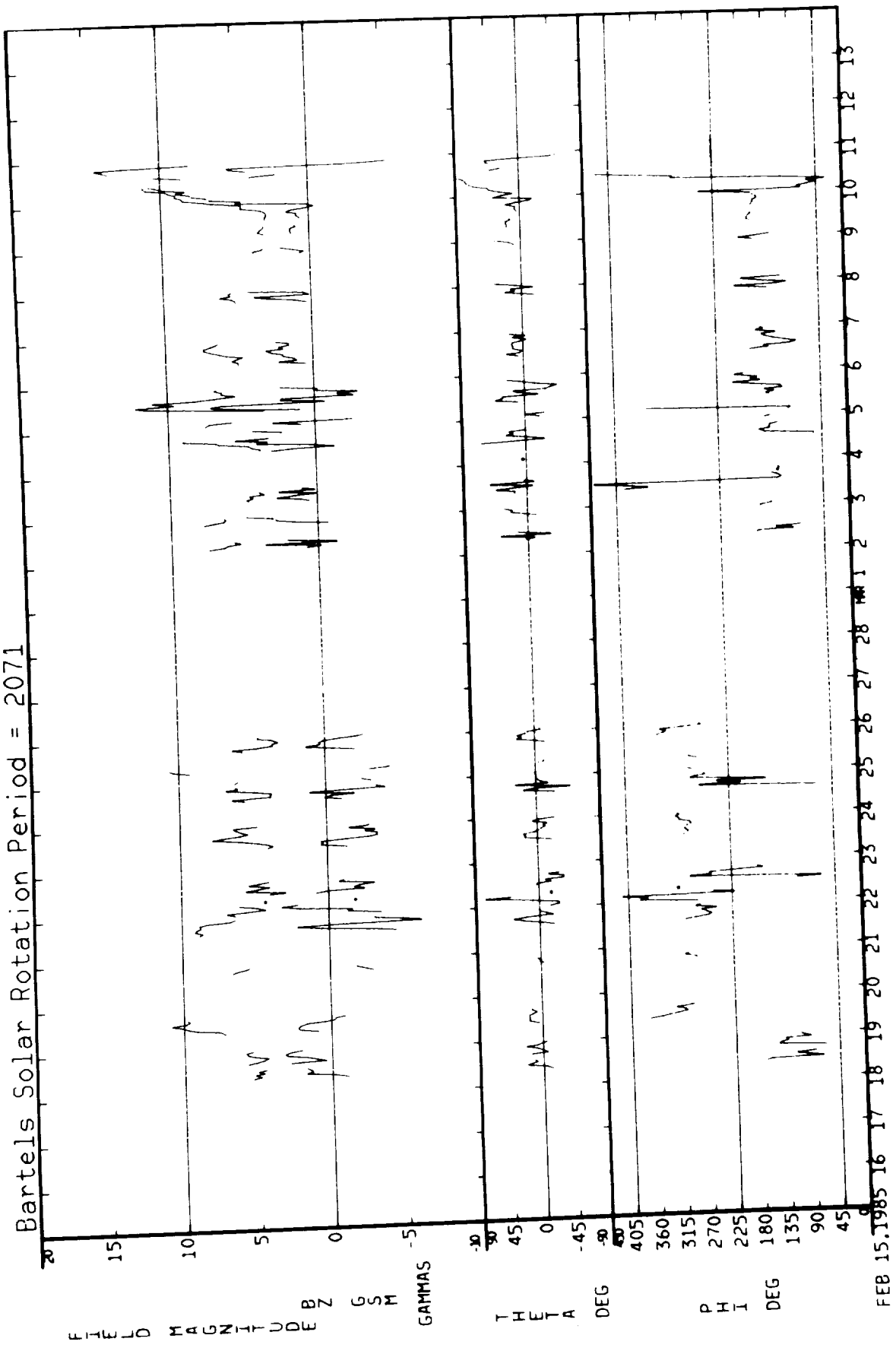

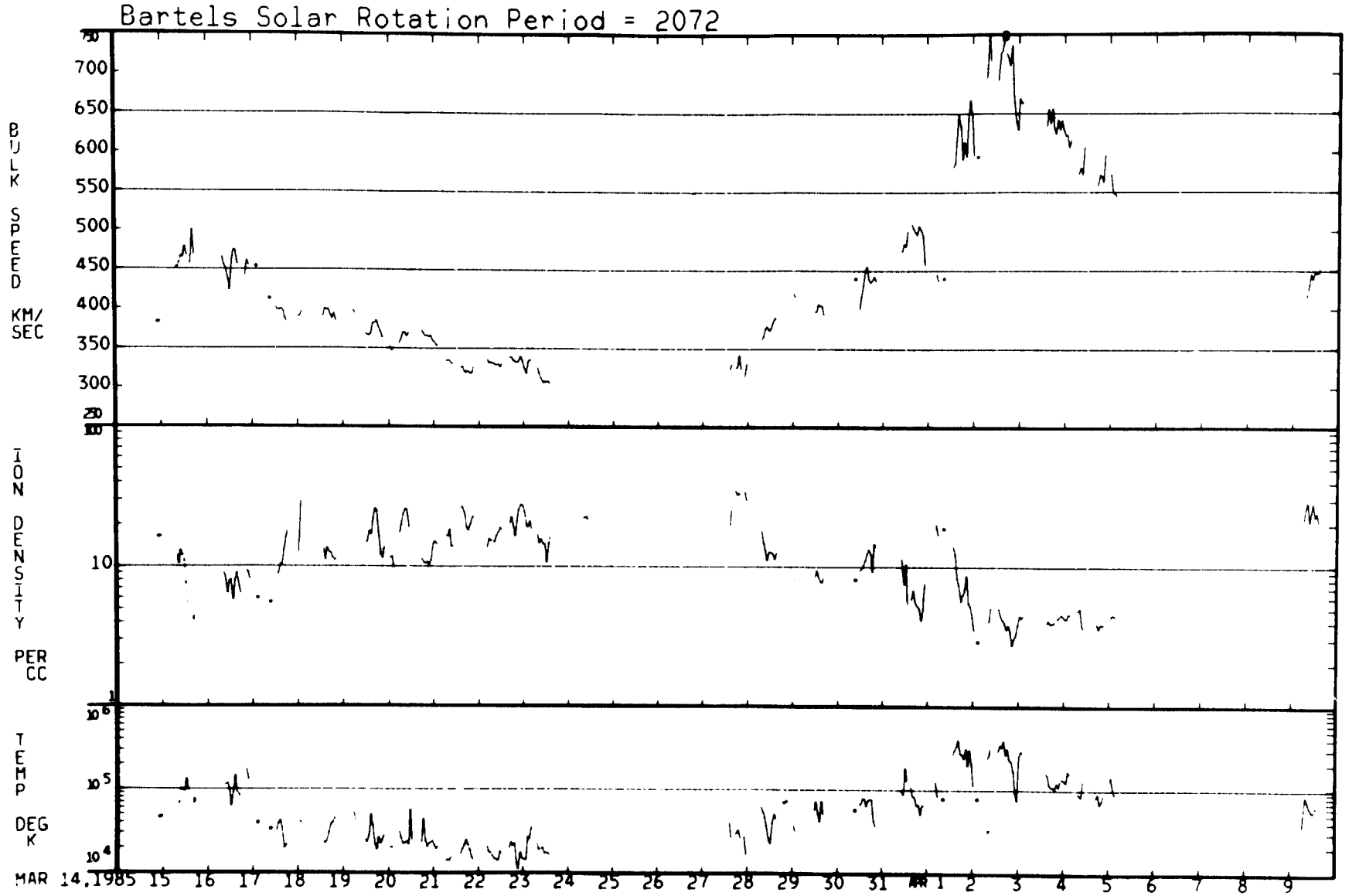

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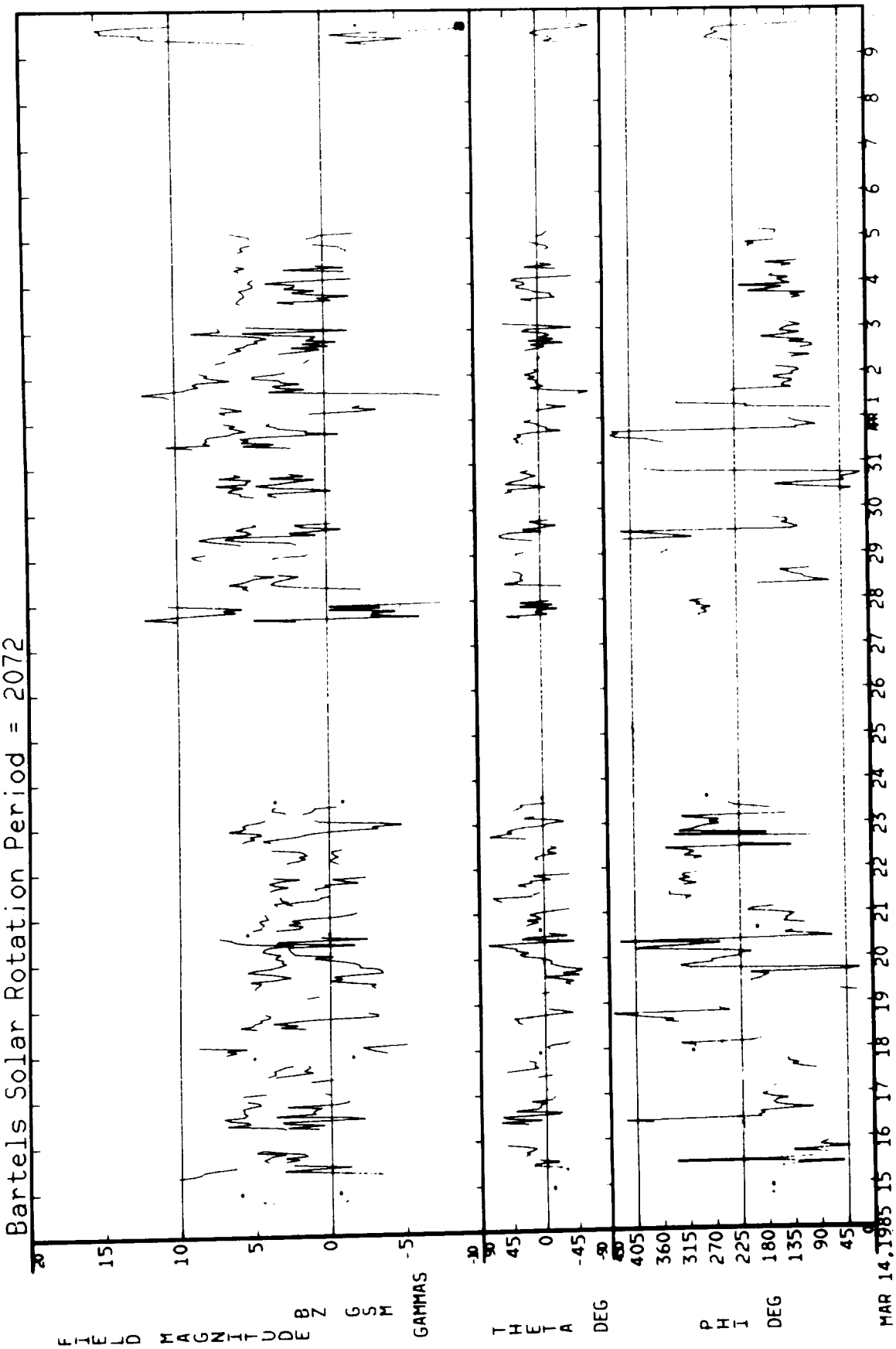
03/14/85 - 04/09/85



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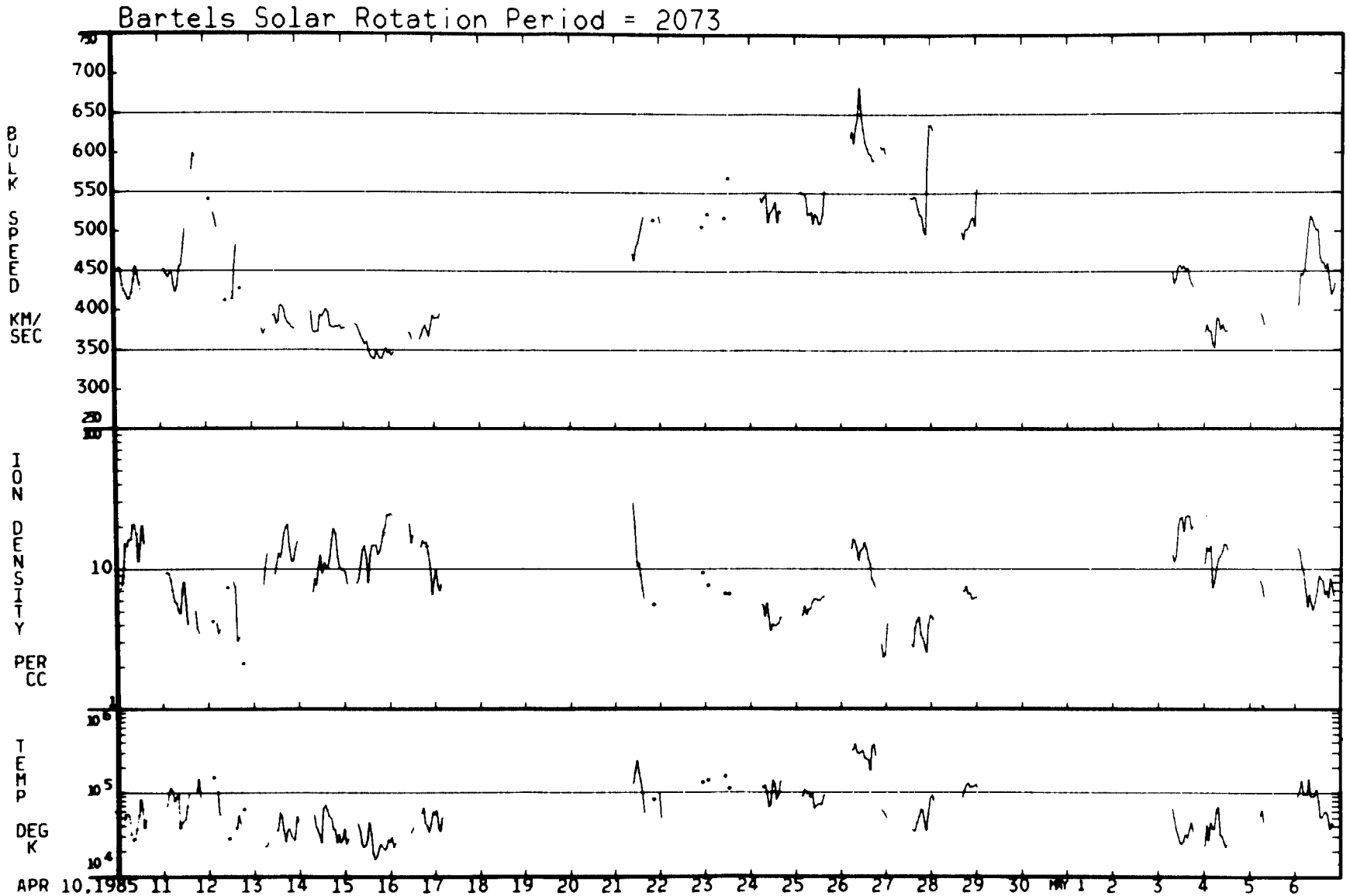

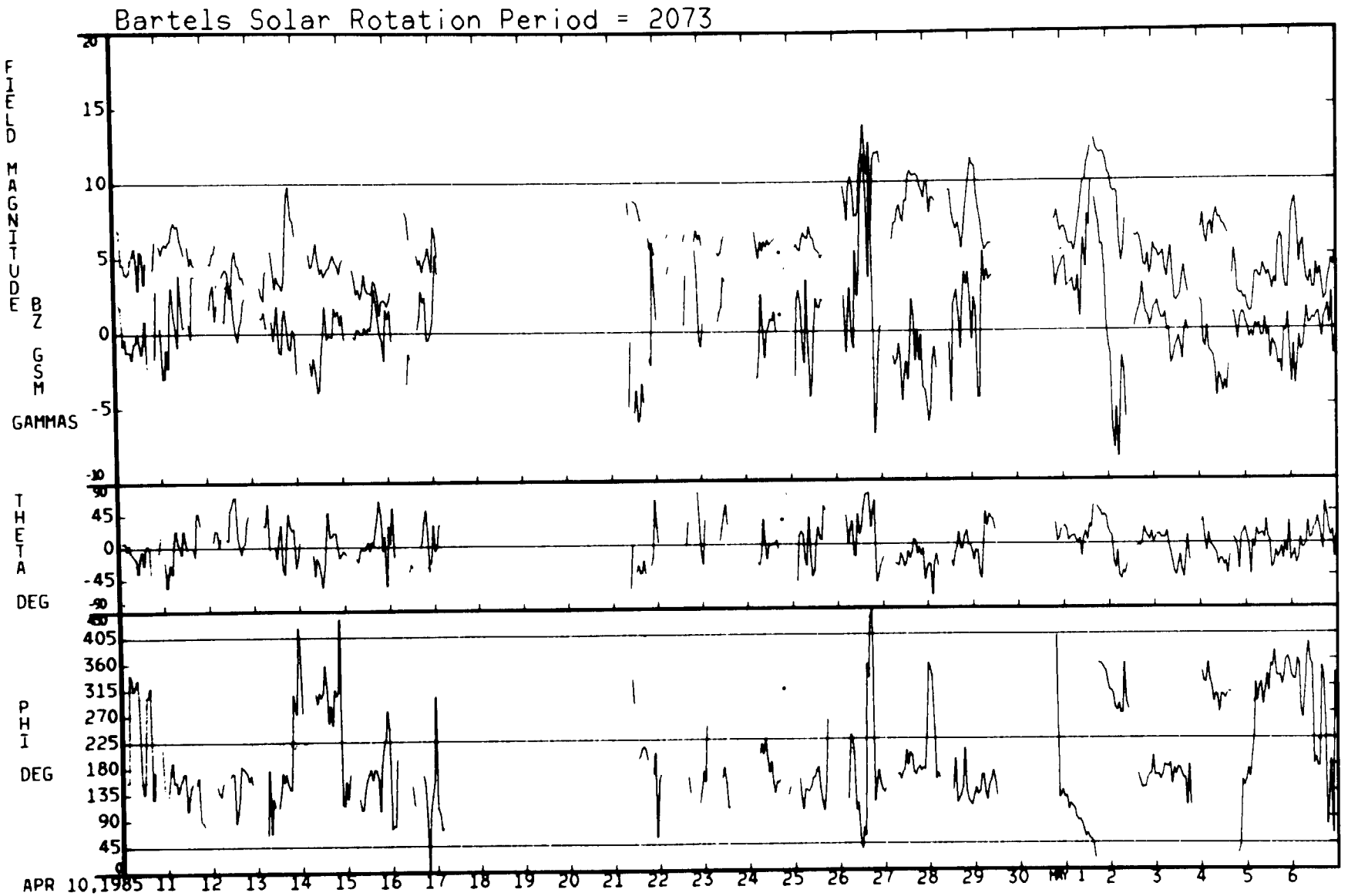

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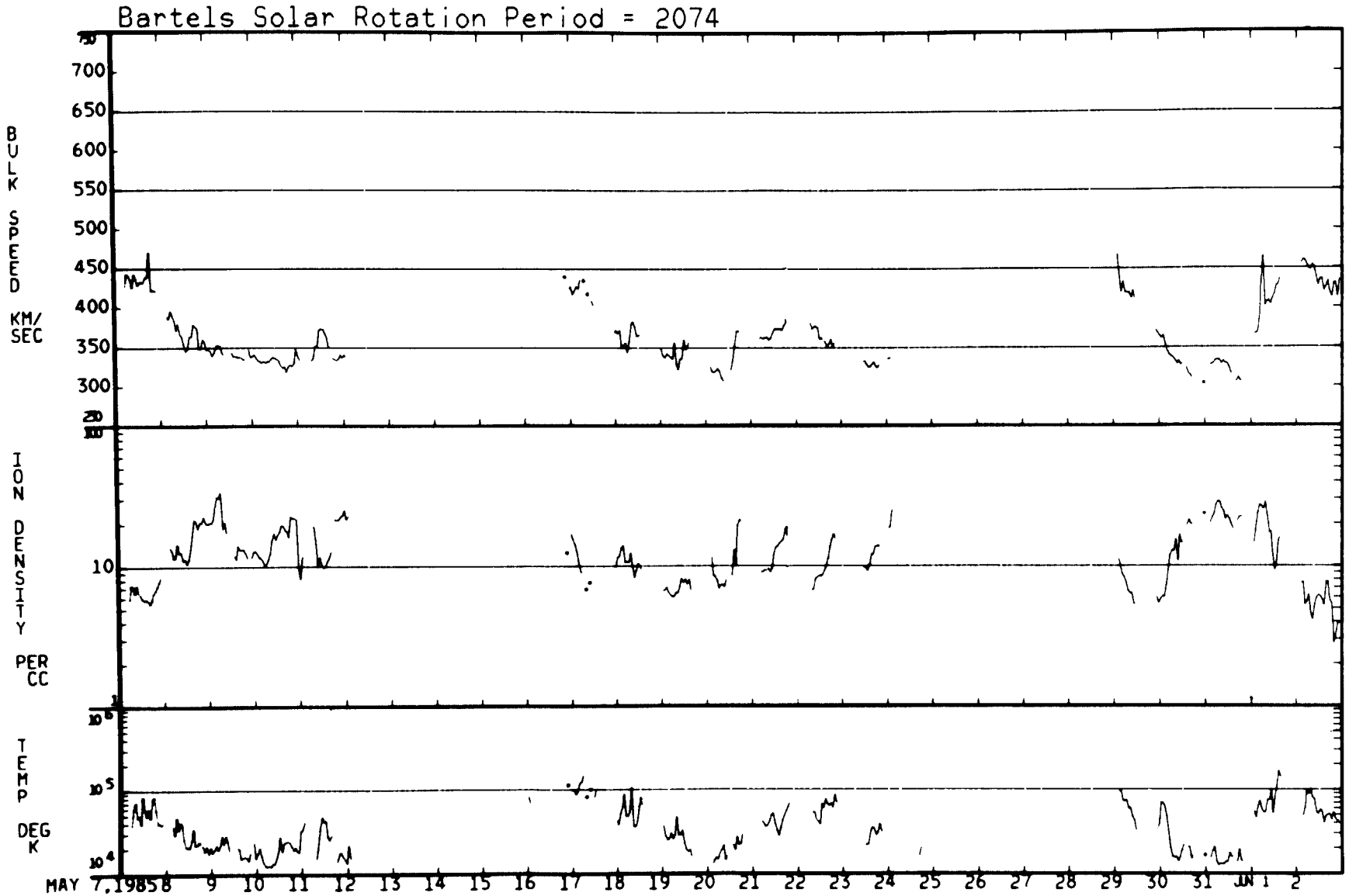

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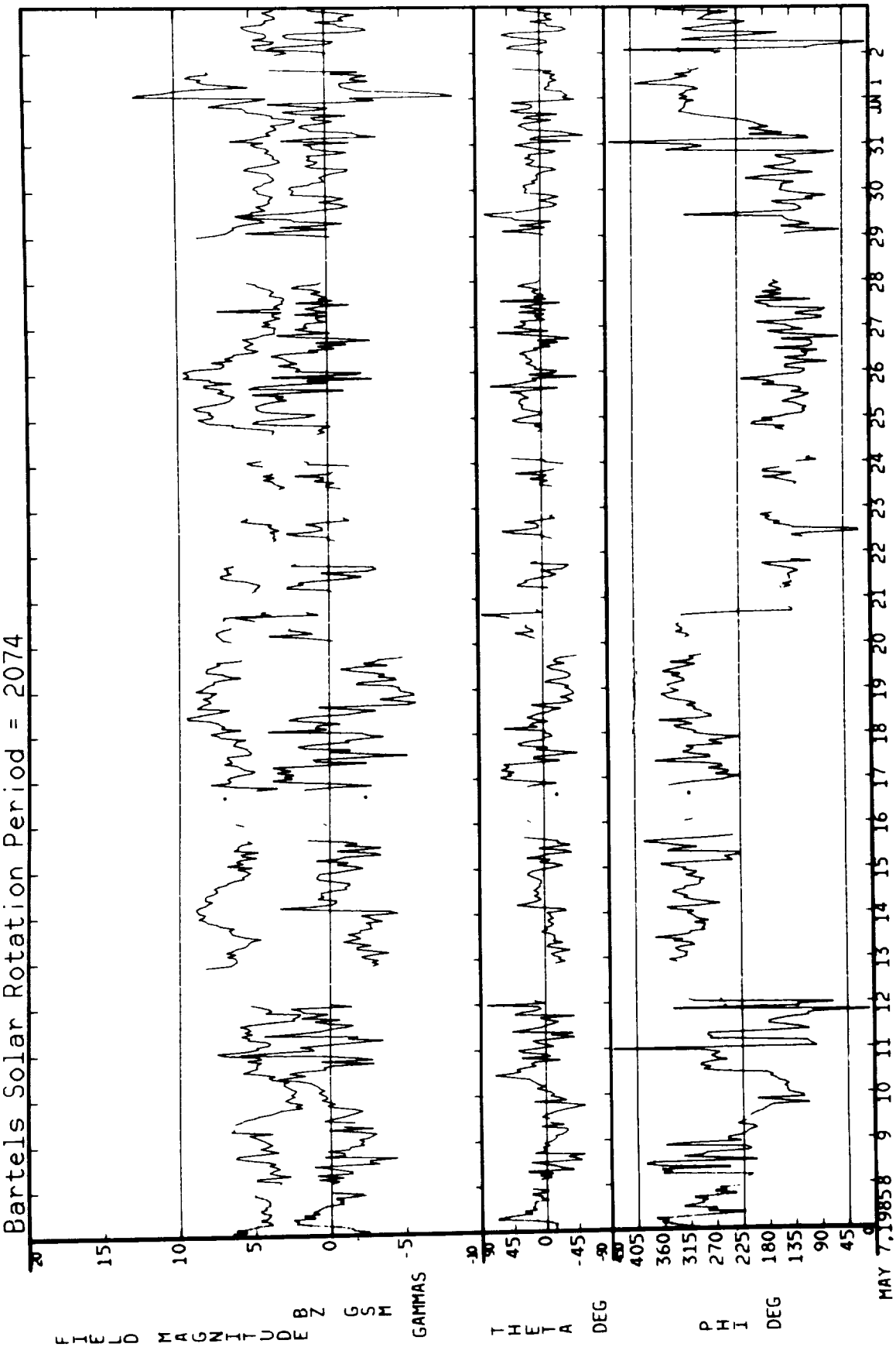

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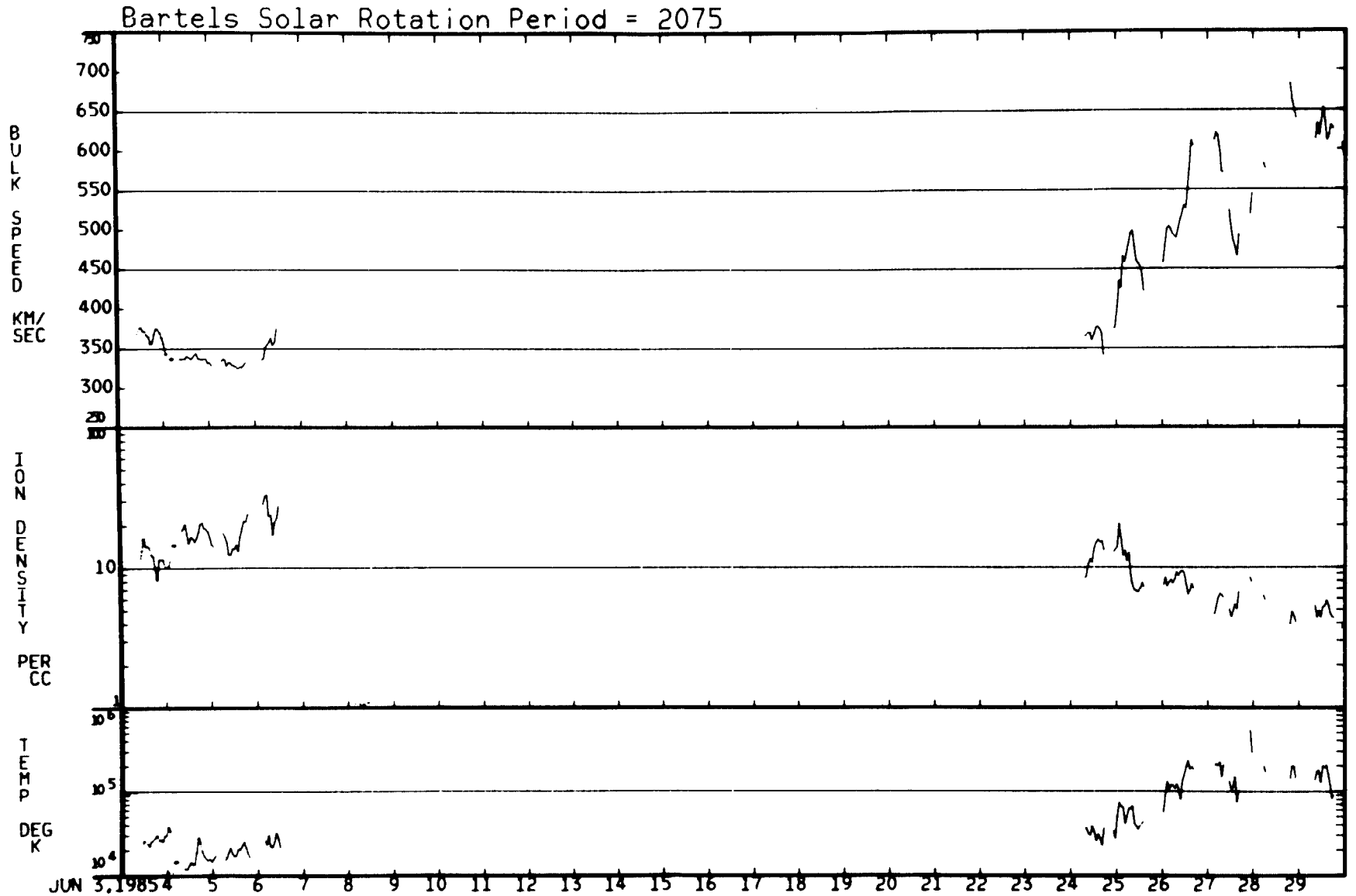

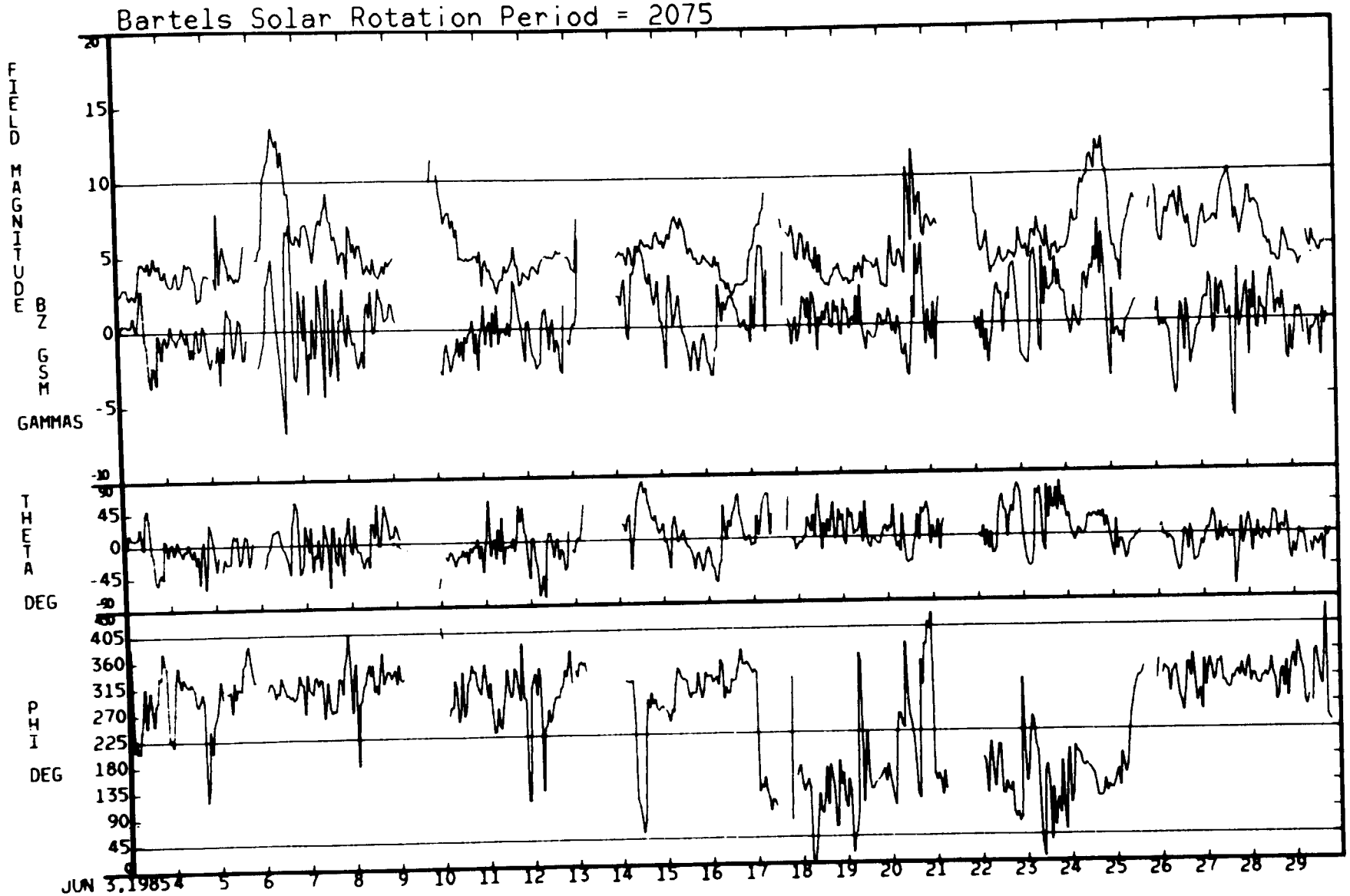

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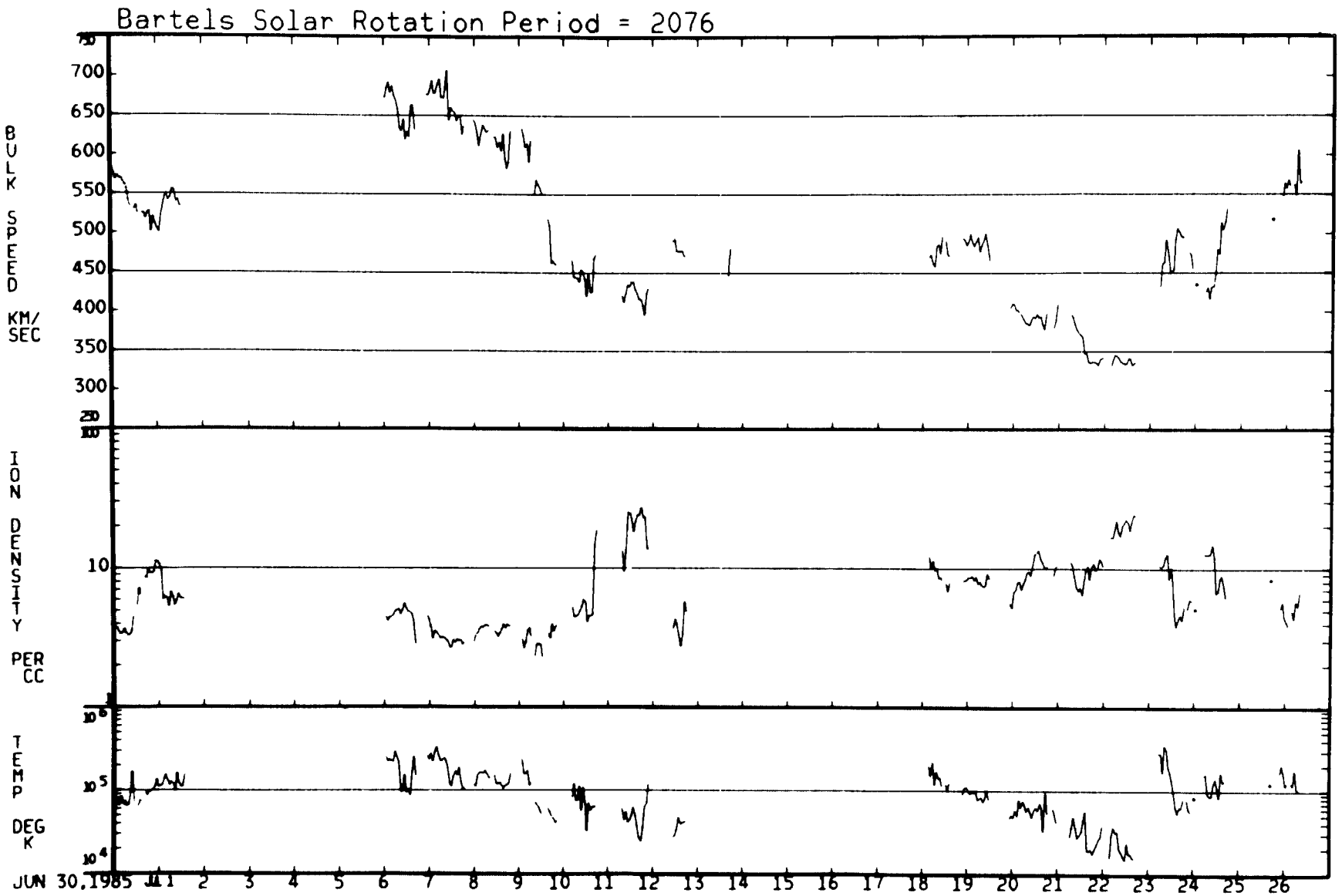

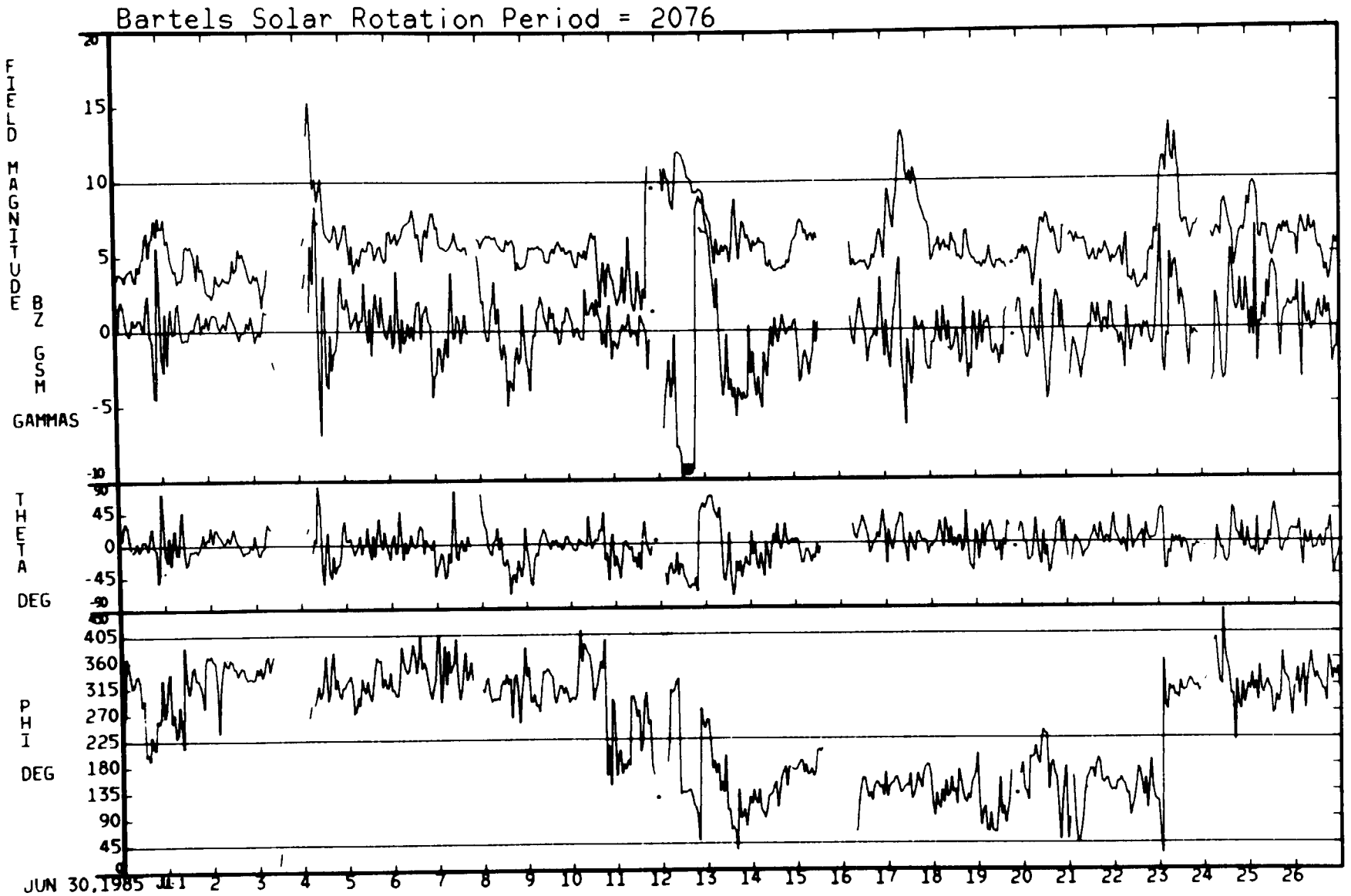

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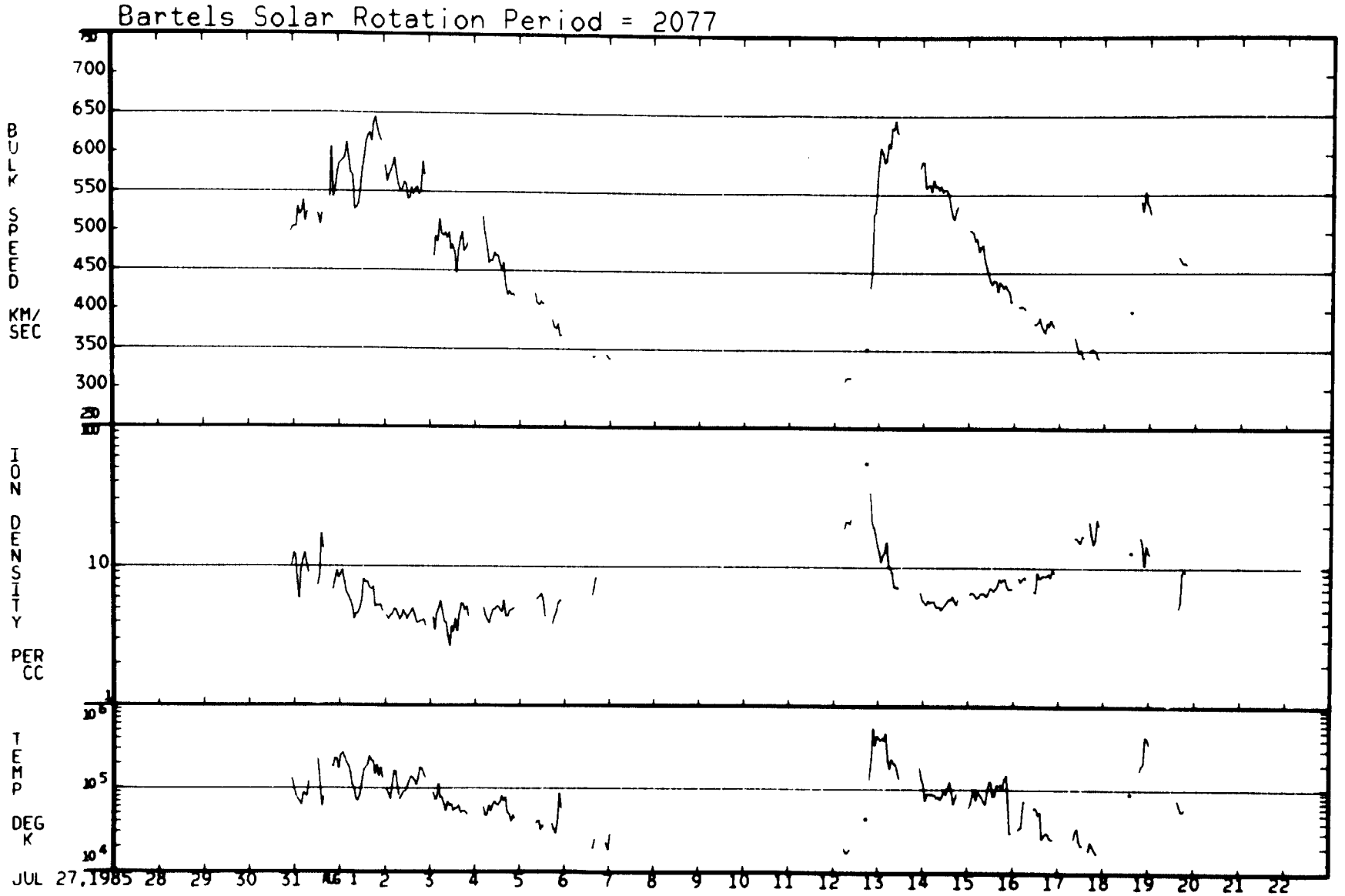

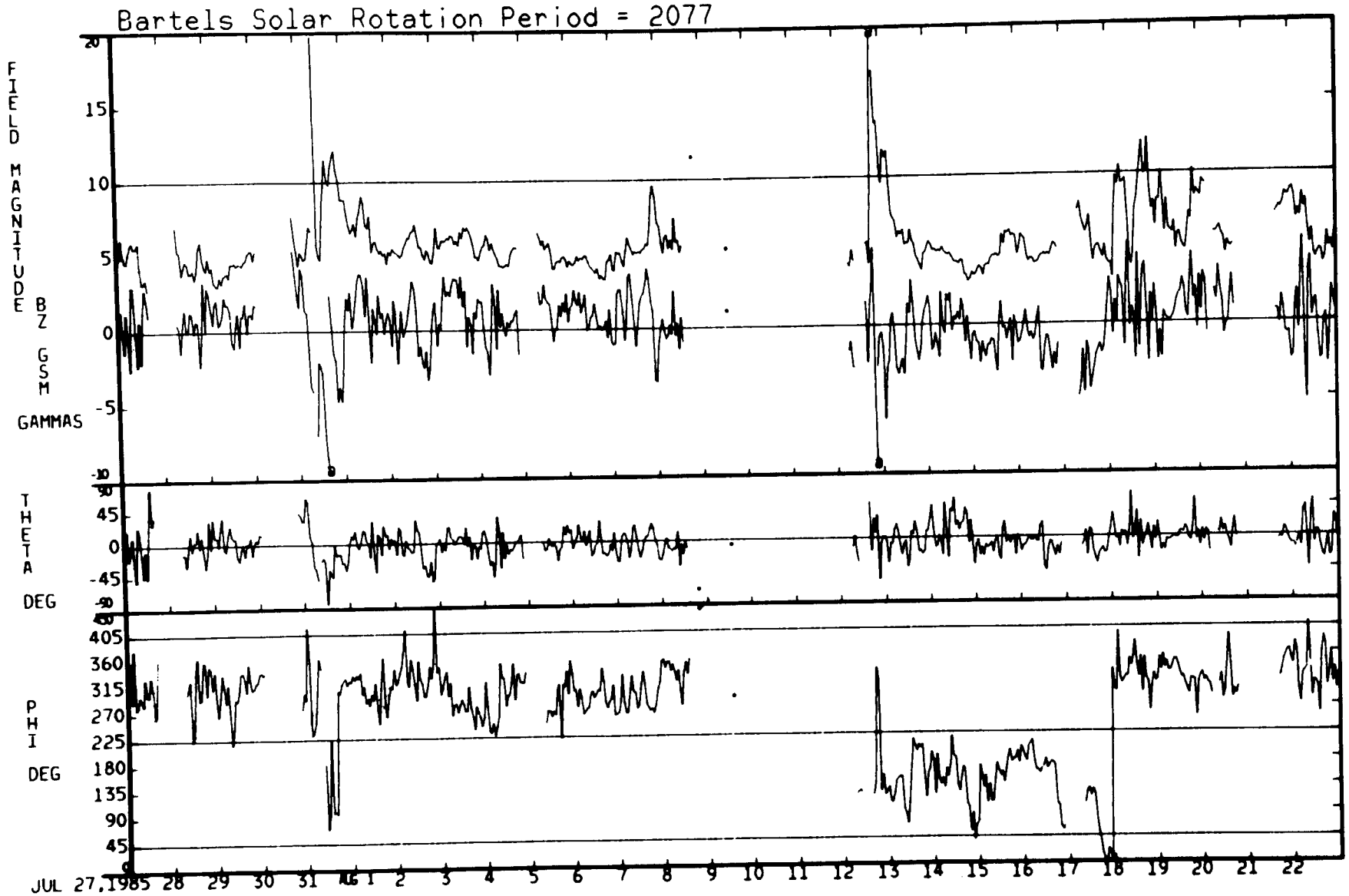

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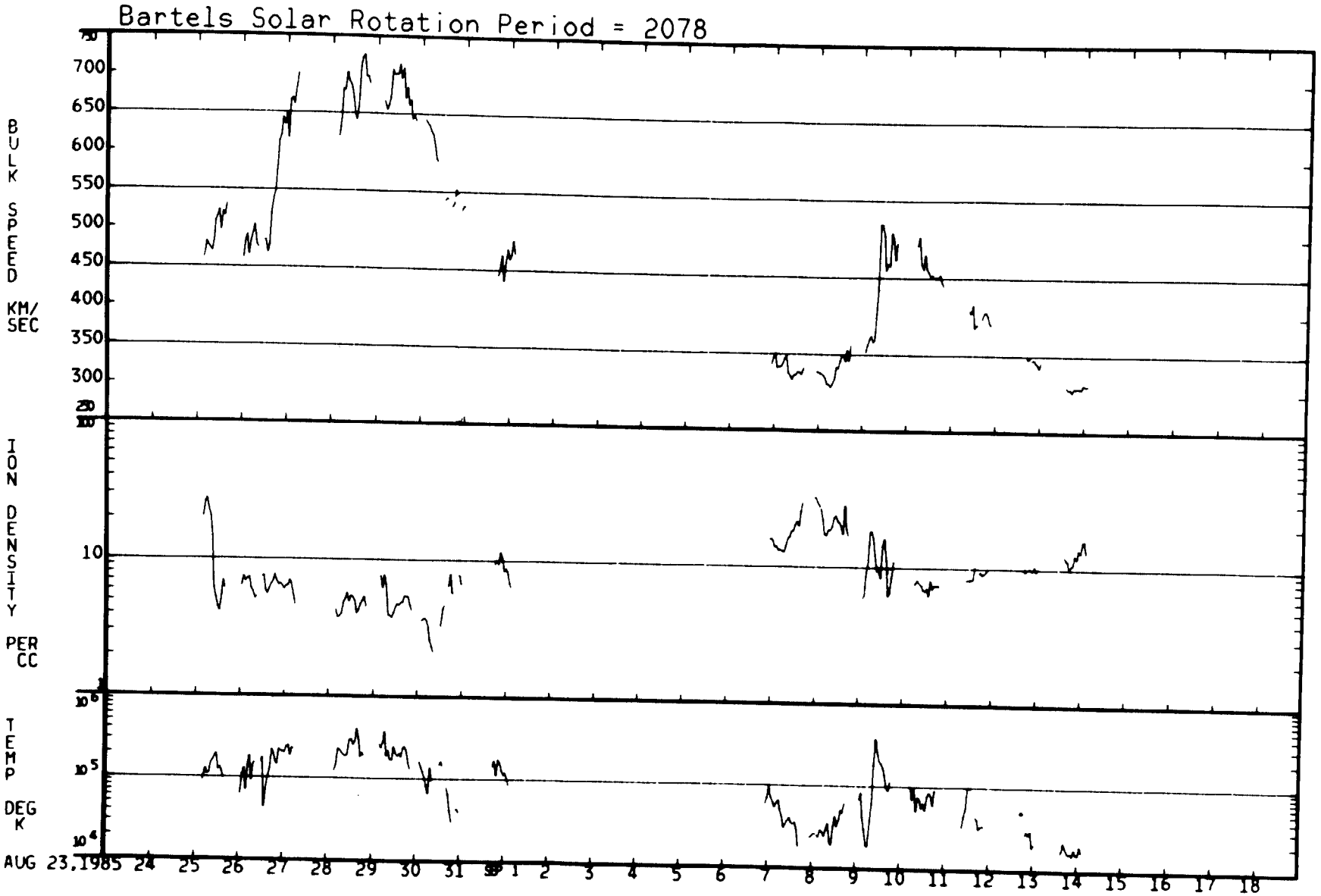

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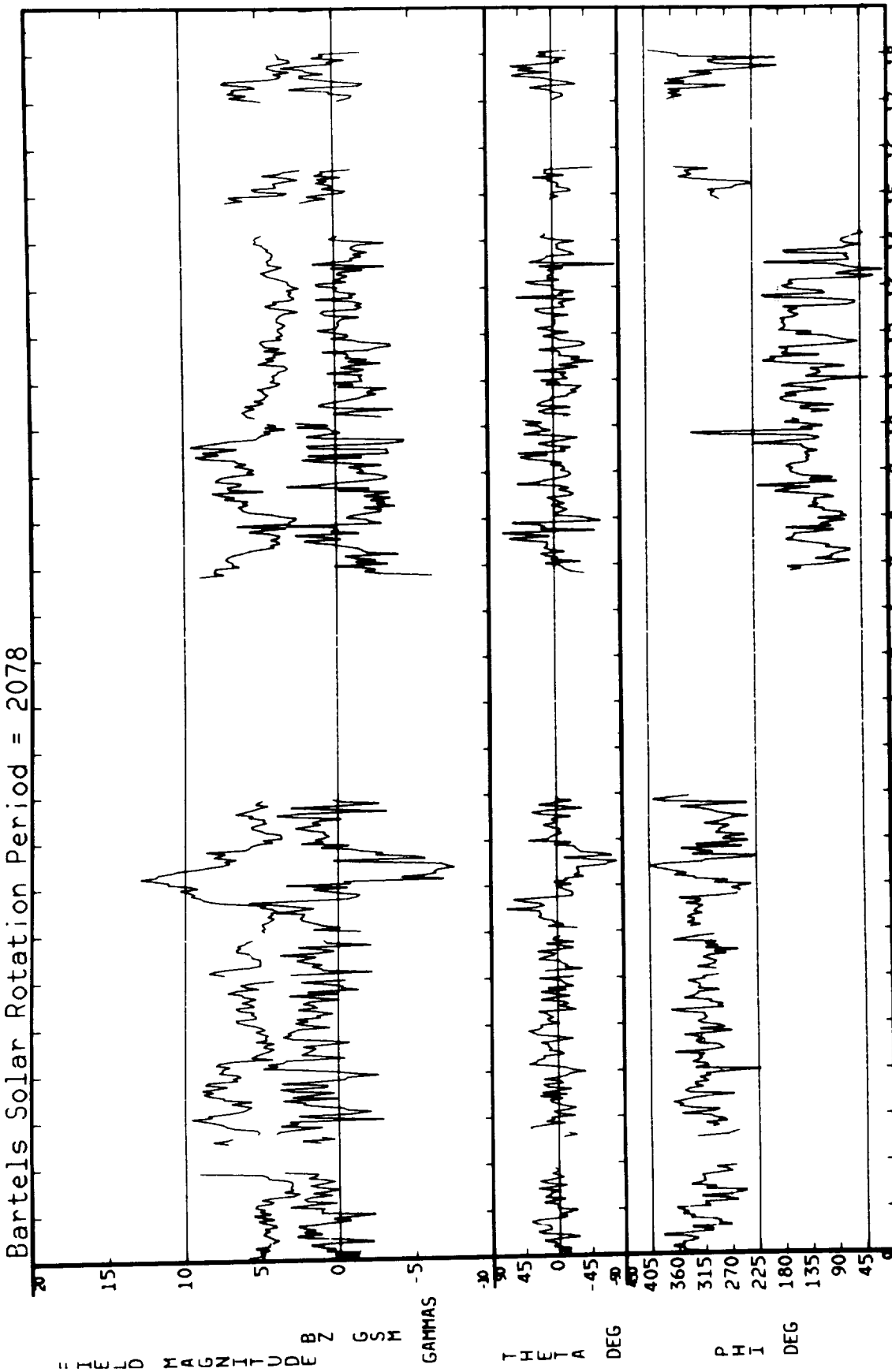

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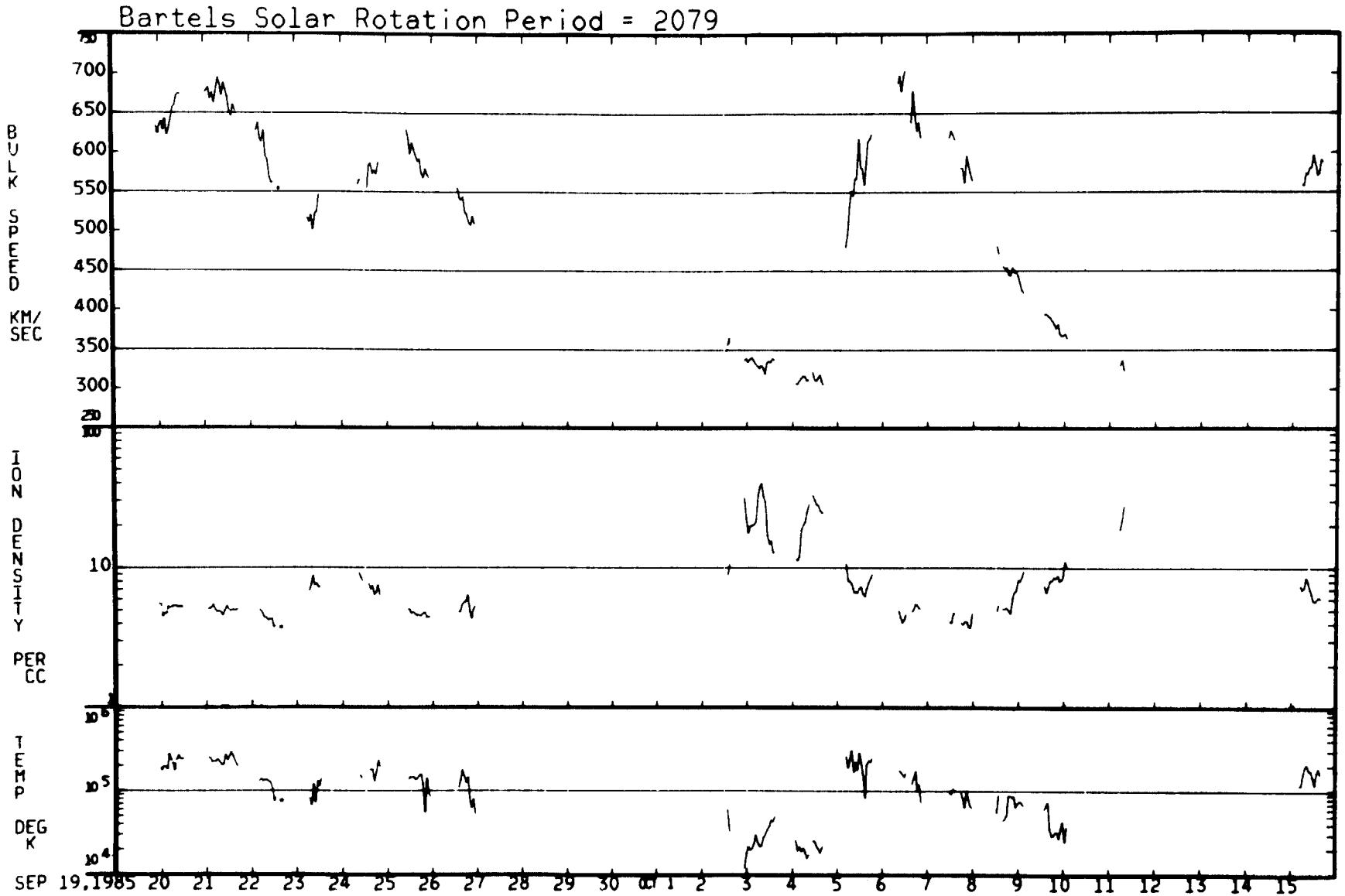

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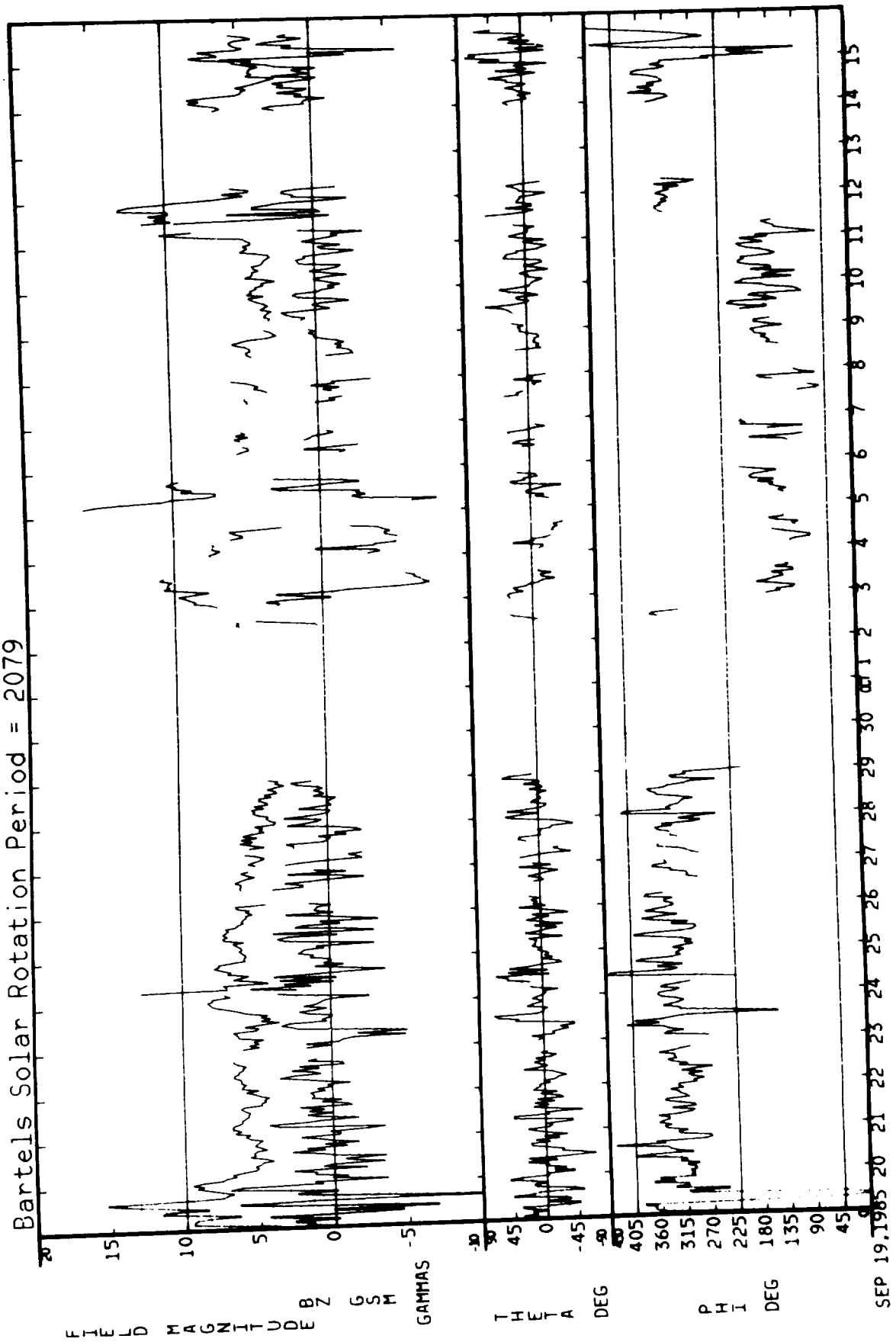

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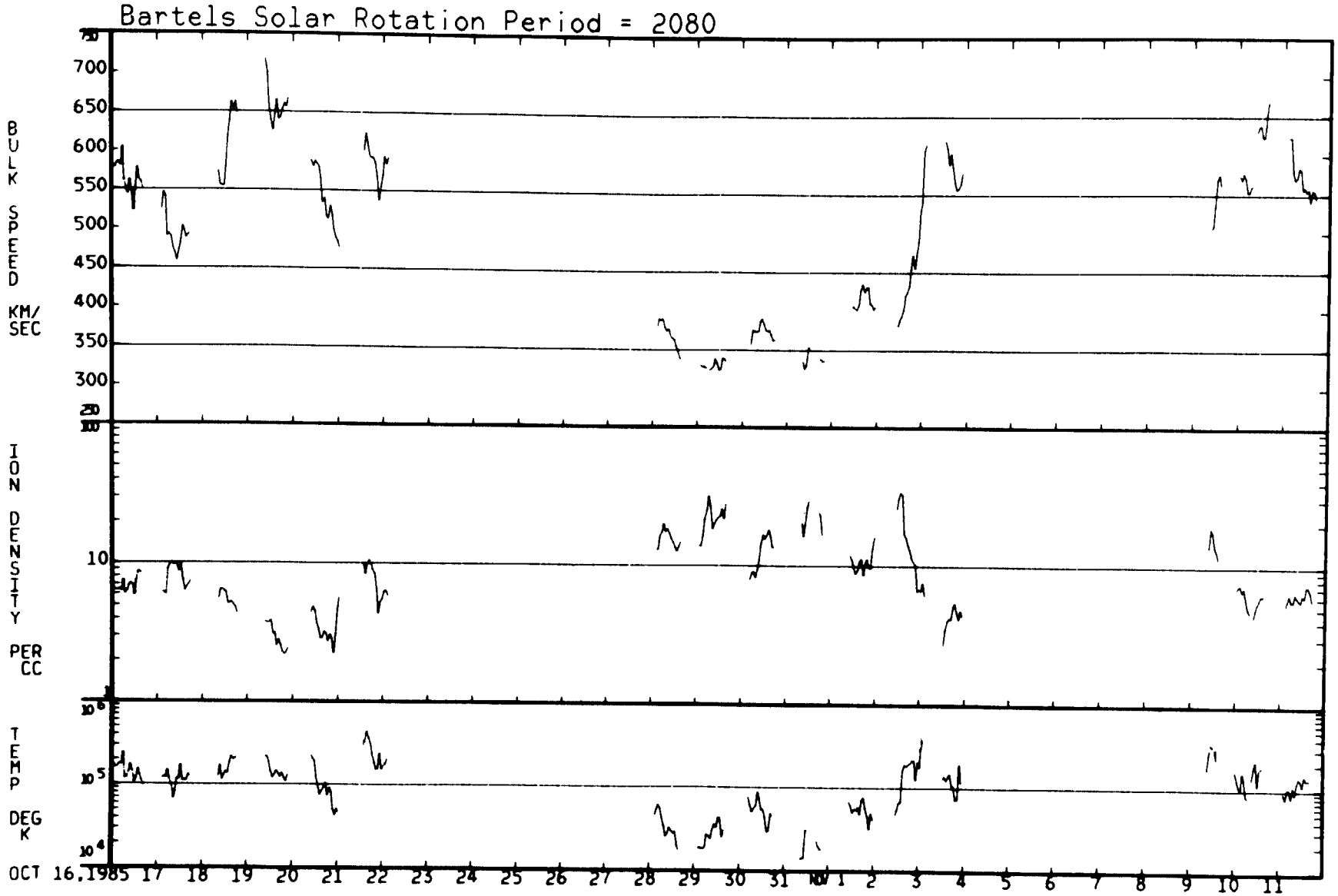

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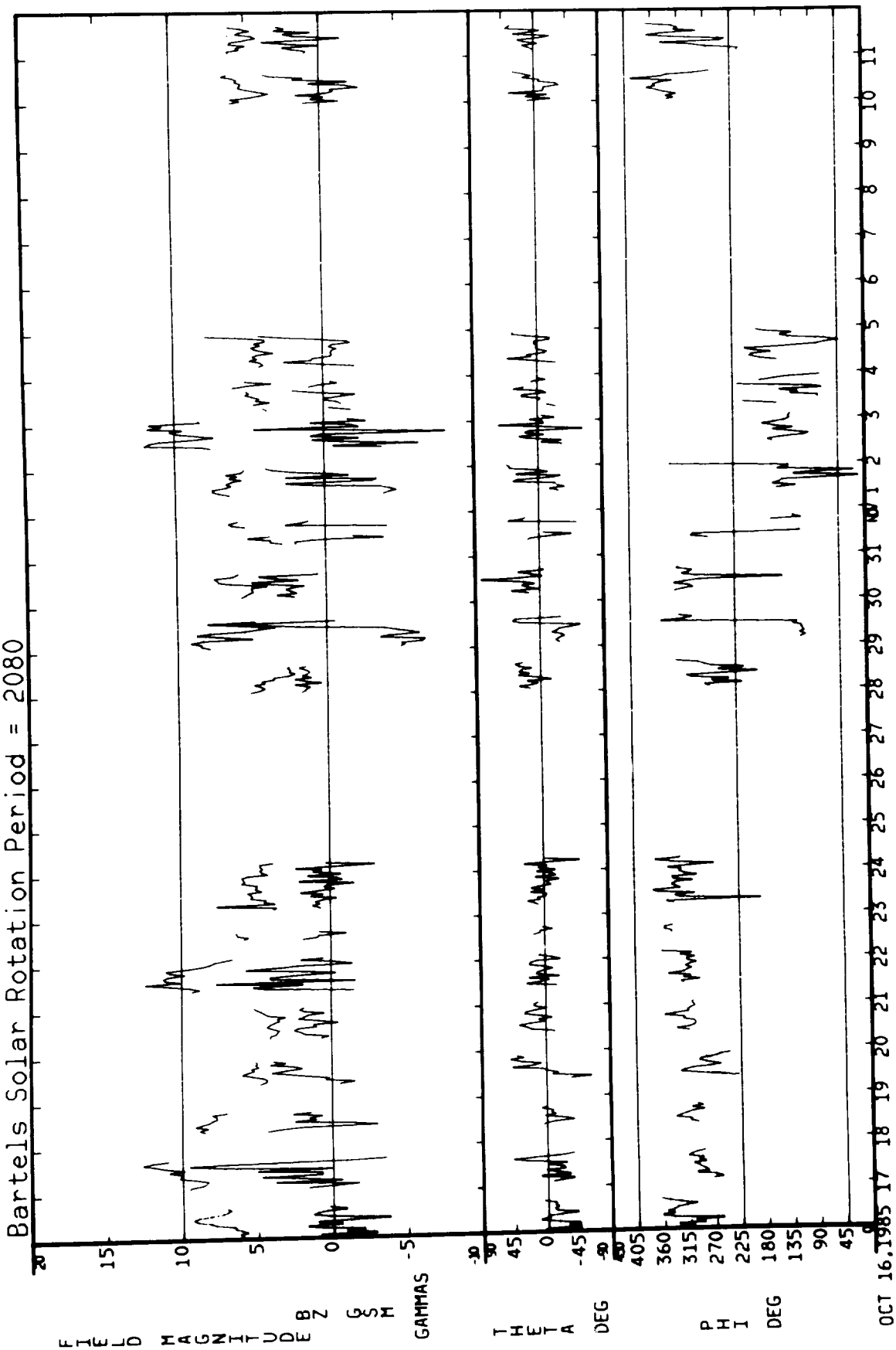

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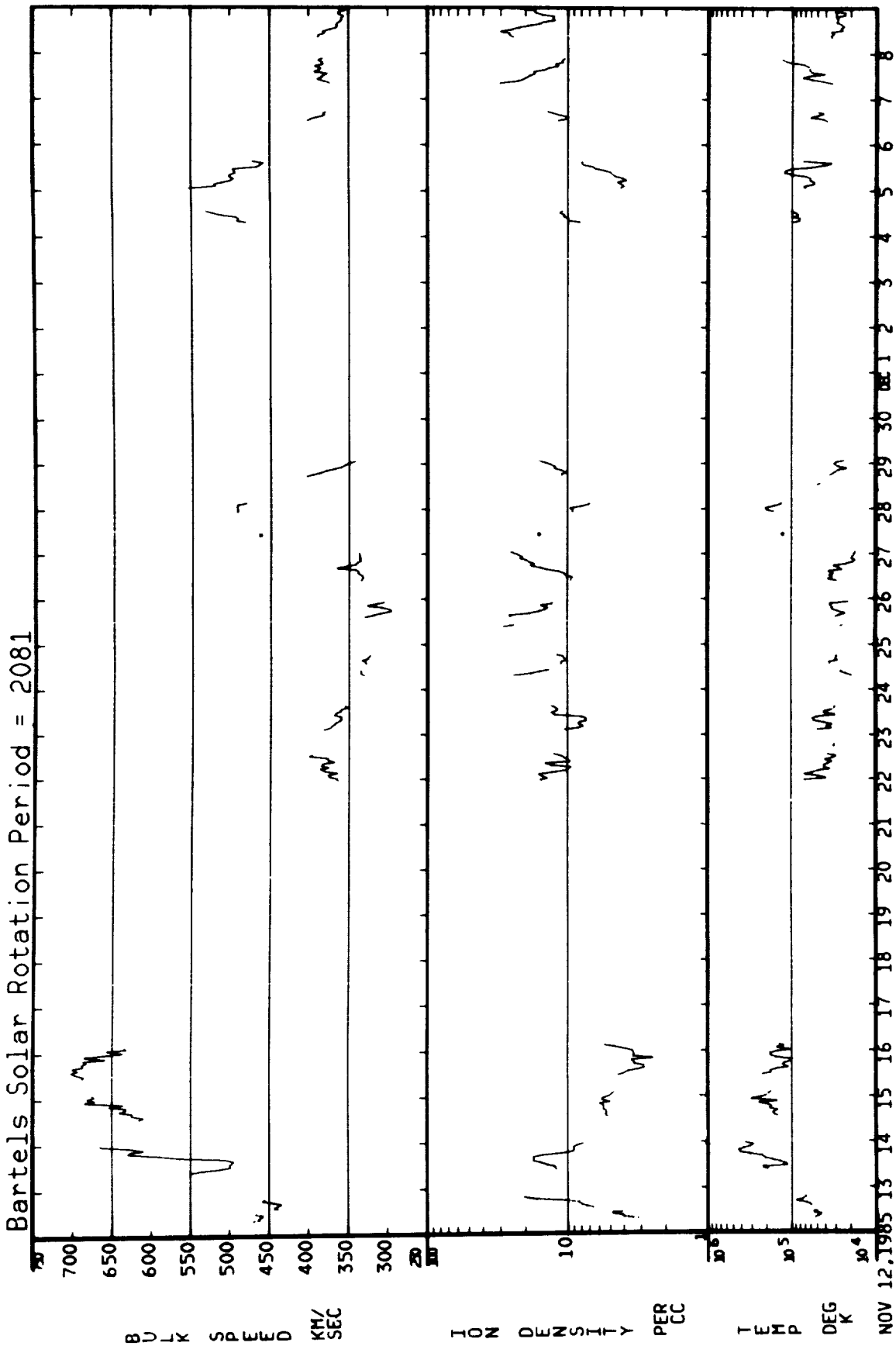

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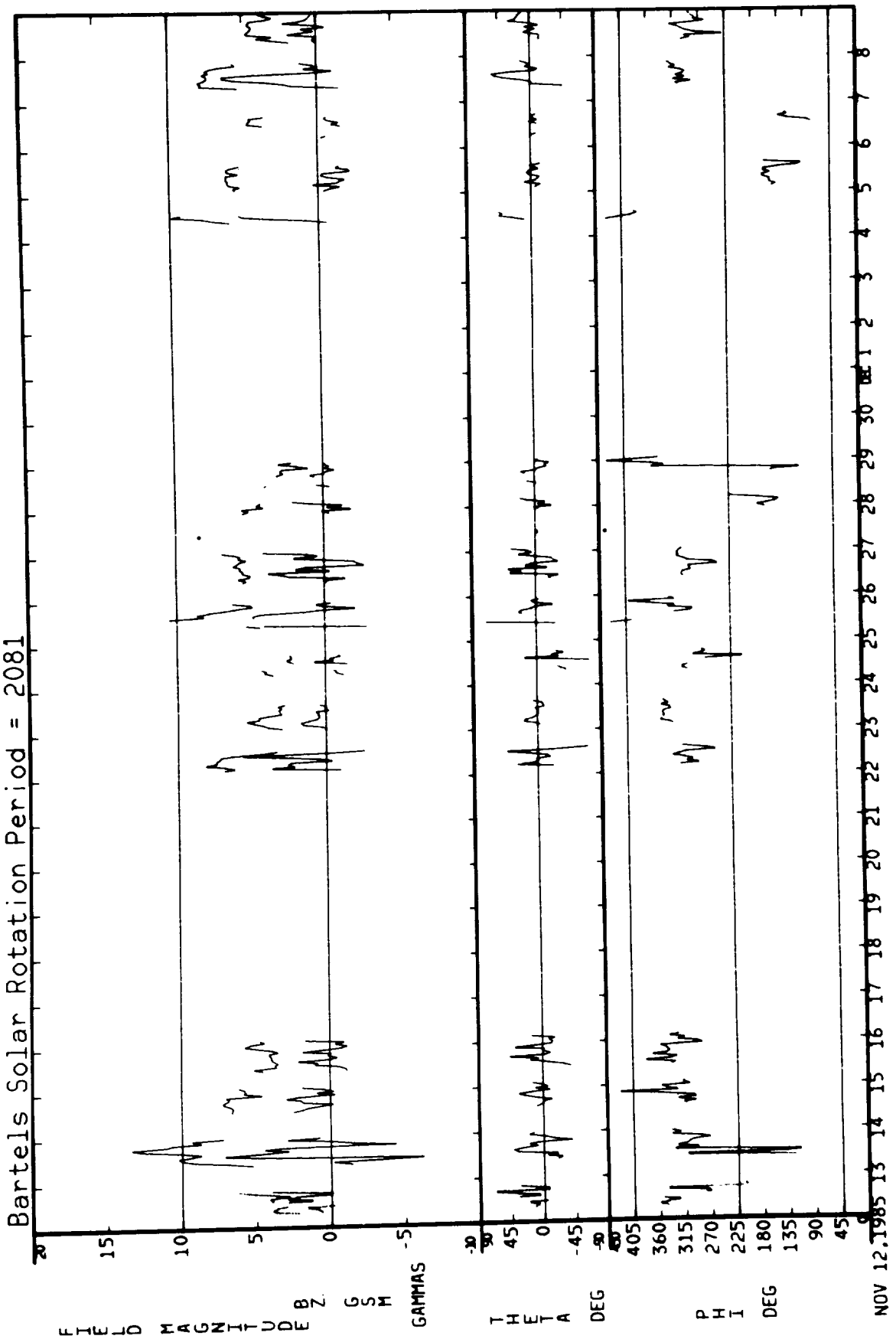

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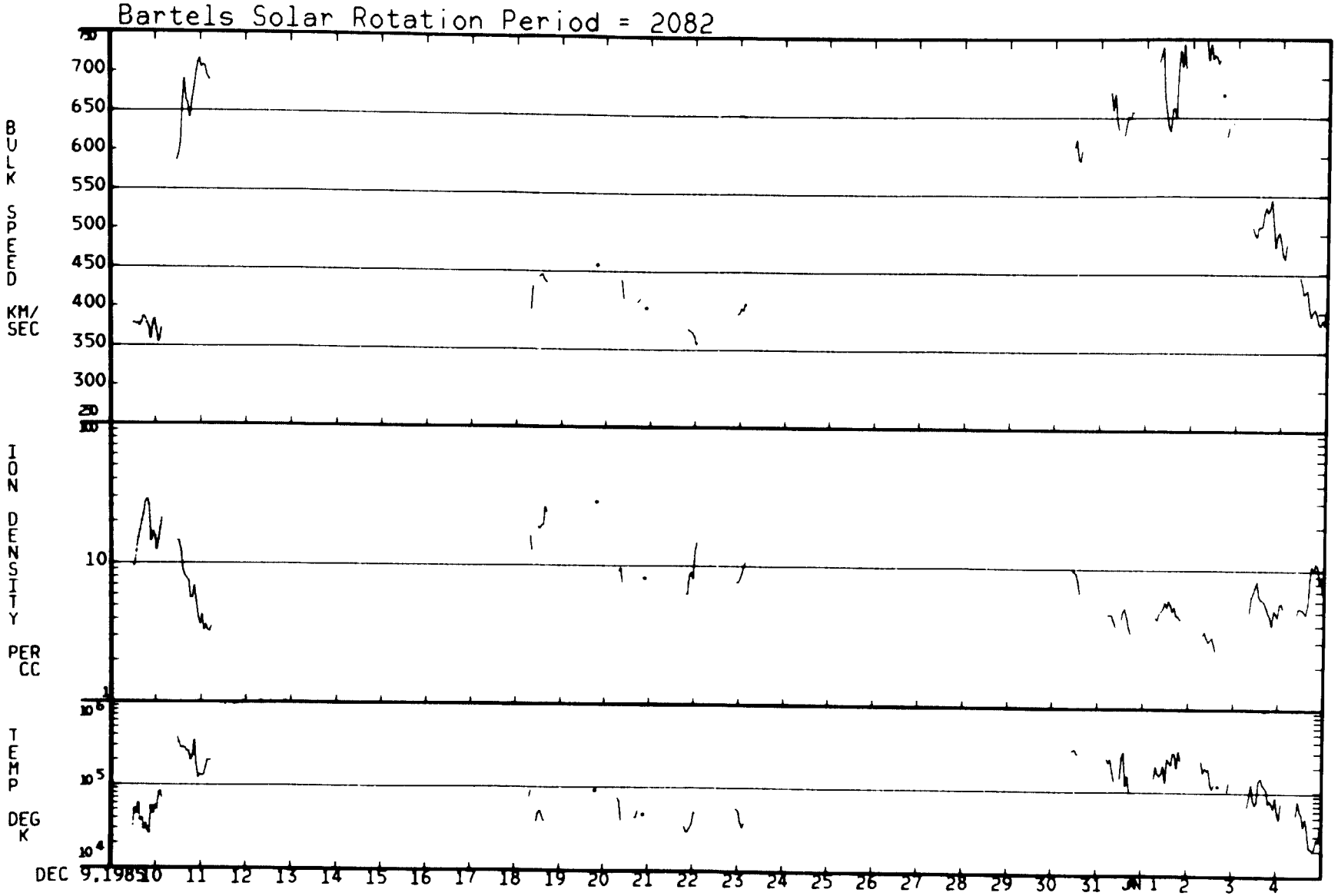

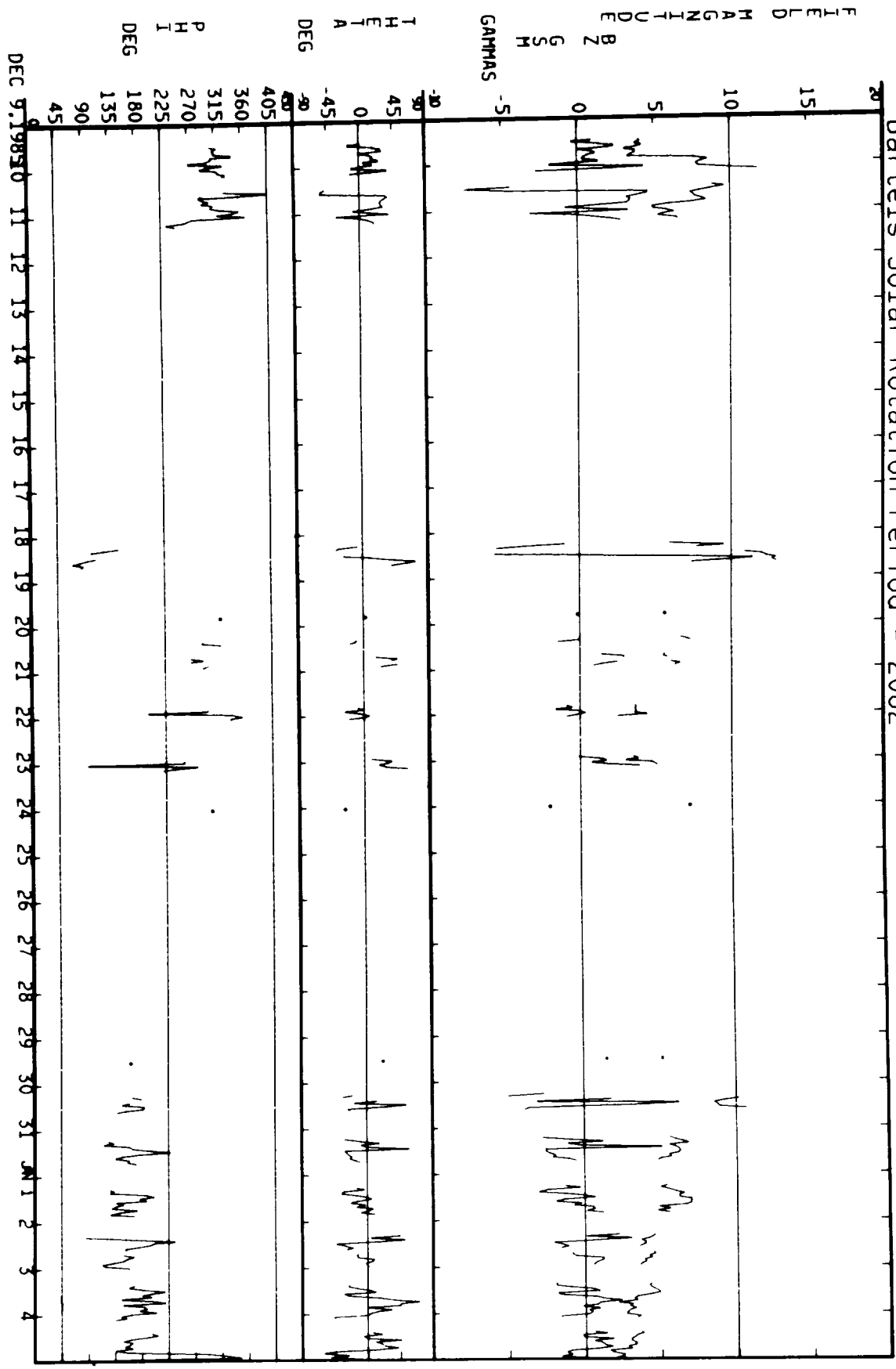
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DEC 9.1985
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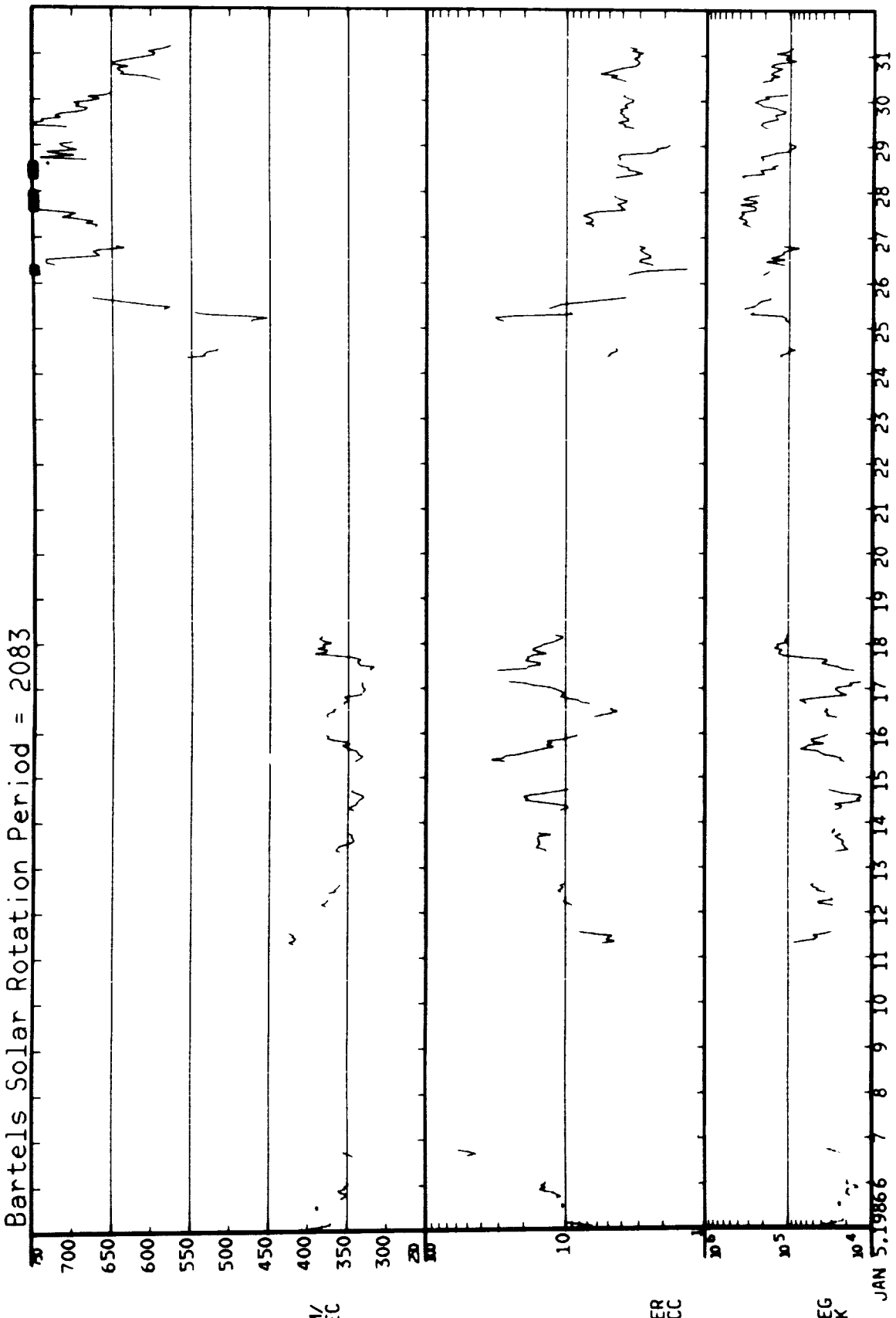
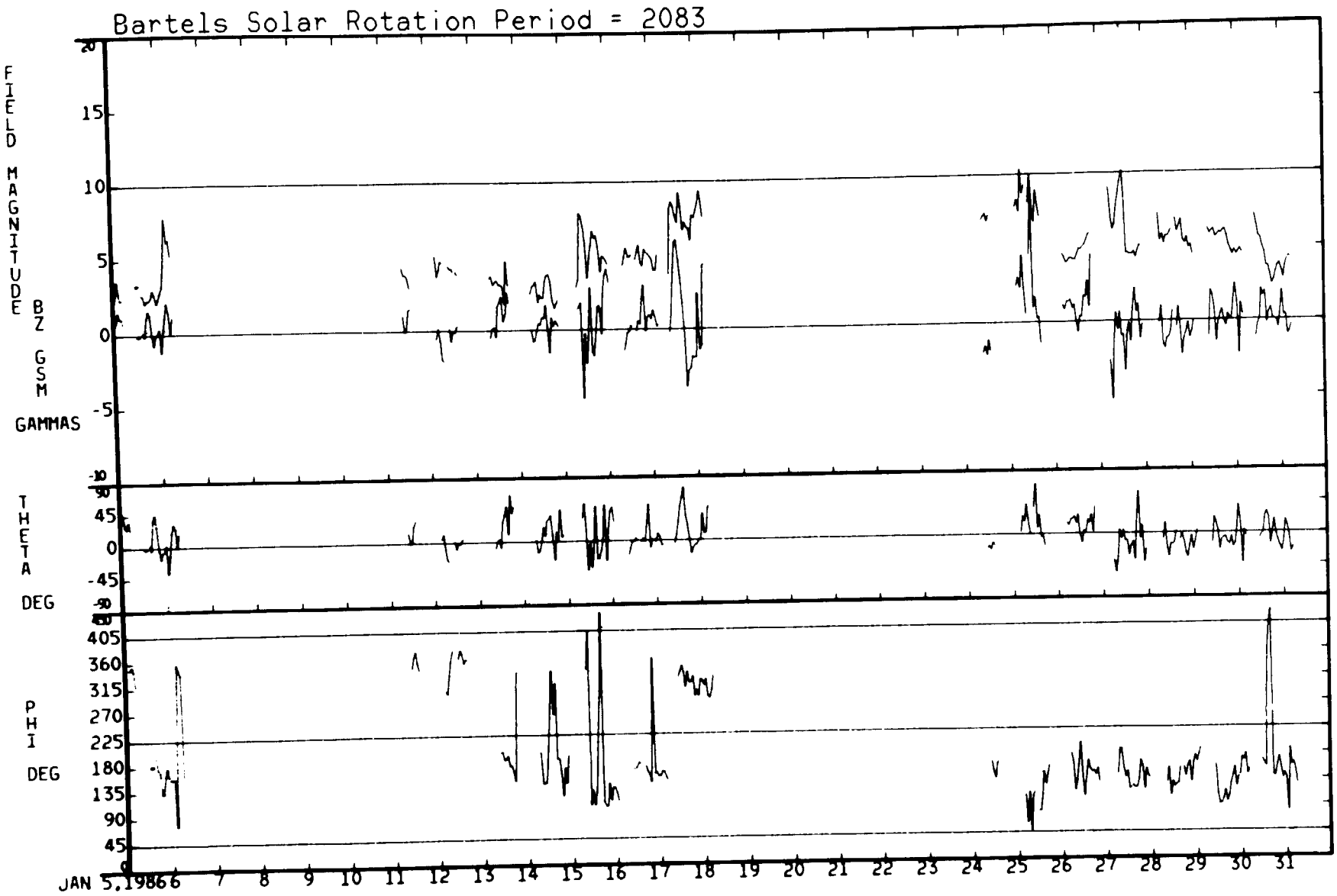
01/05/86 - 01/31/86





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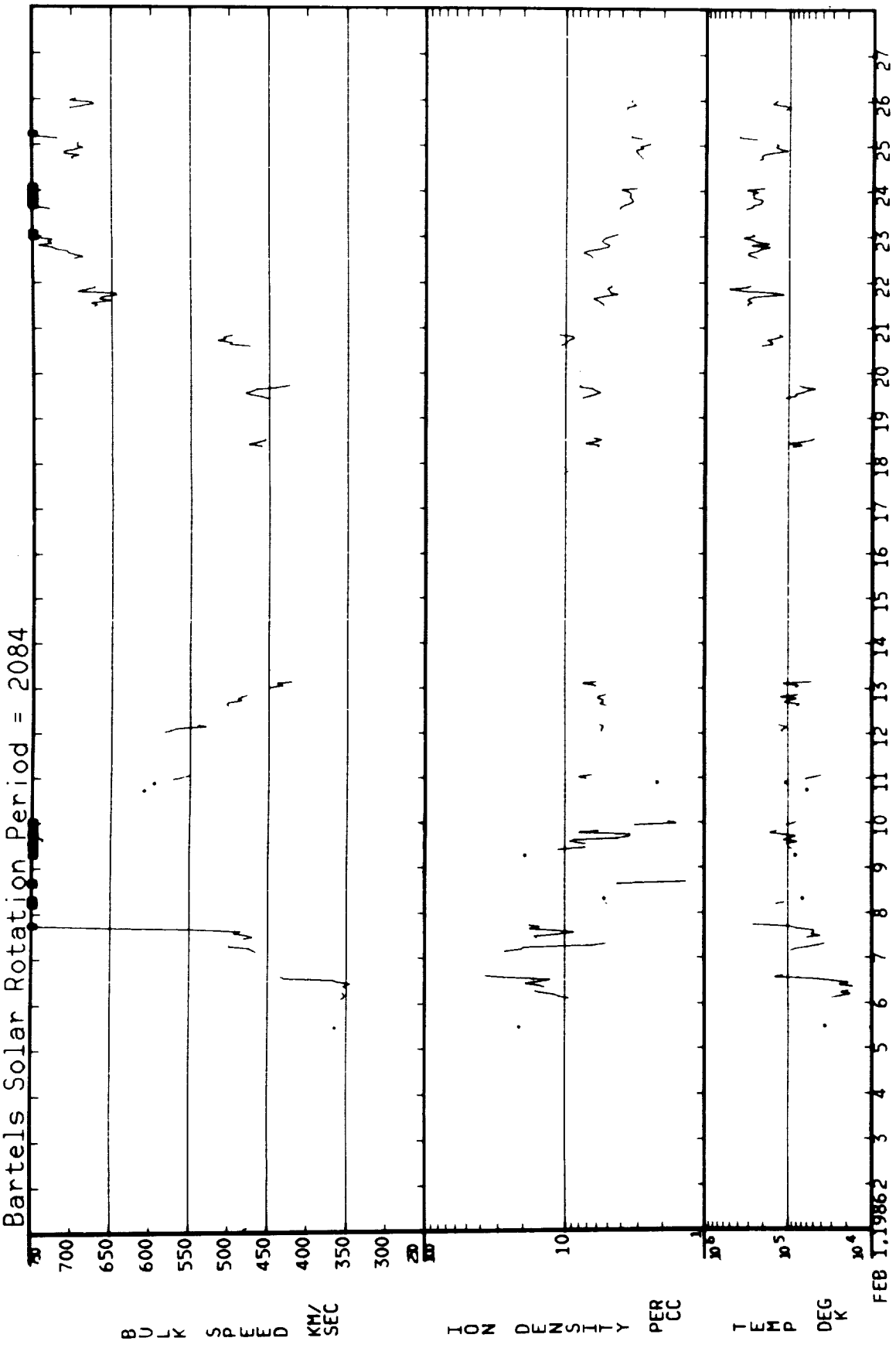

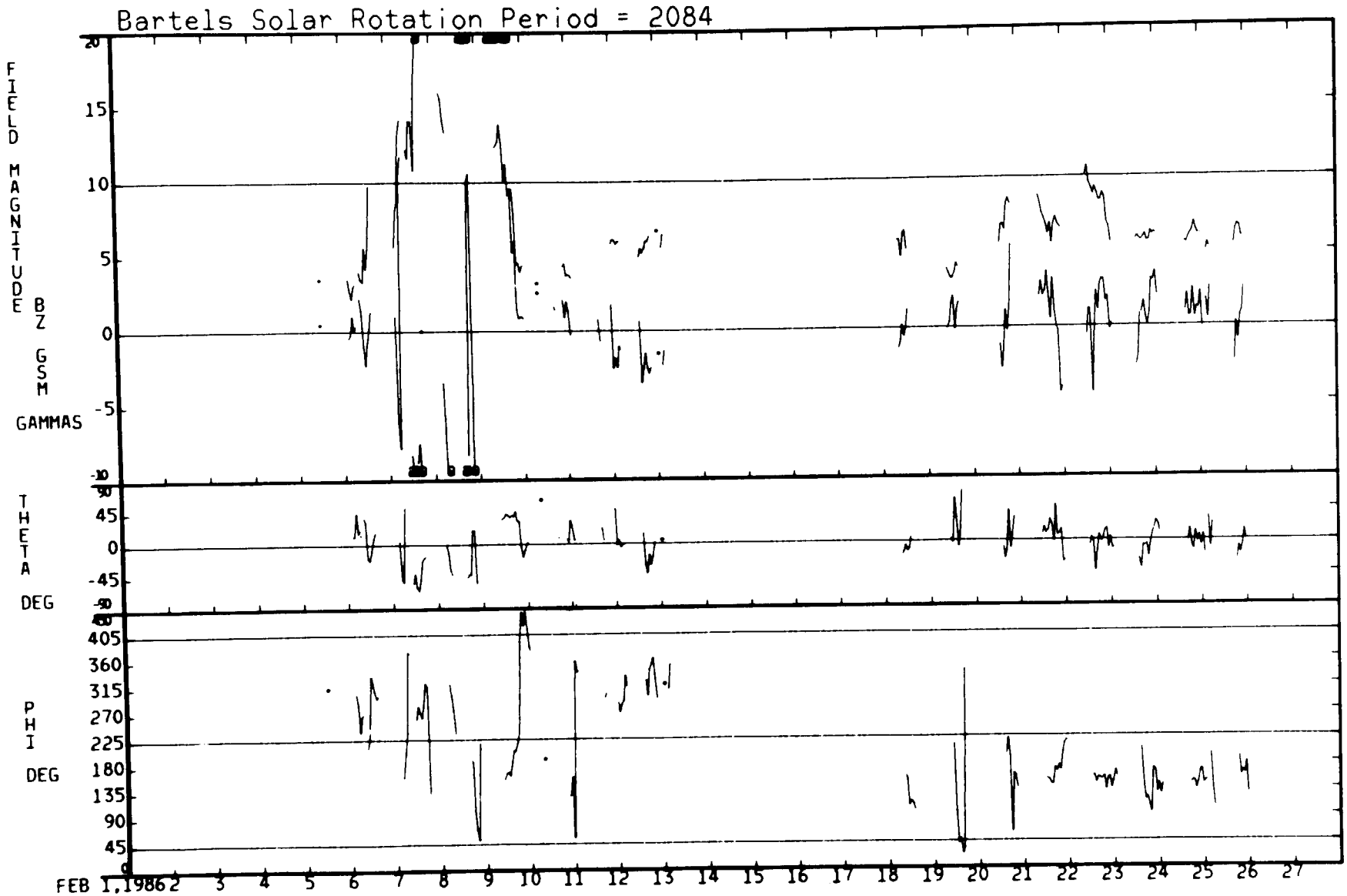

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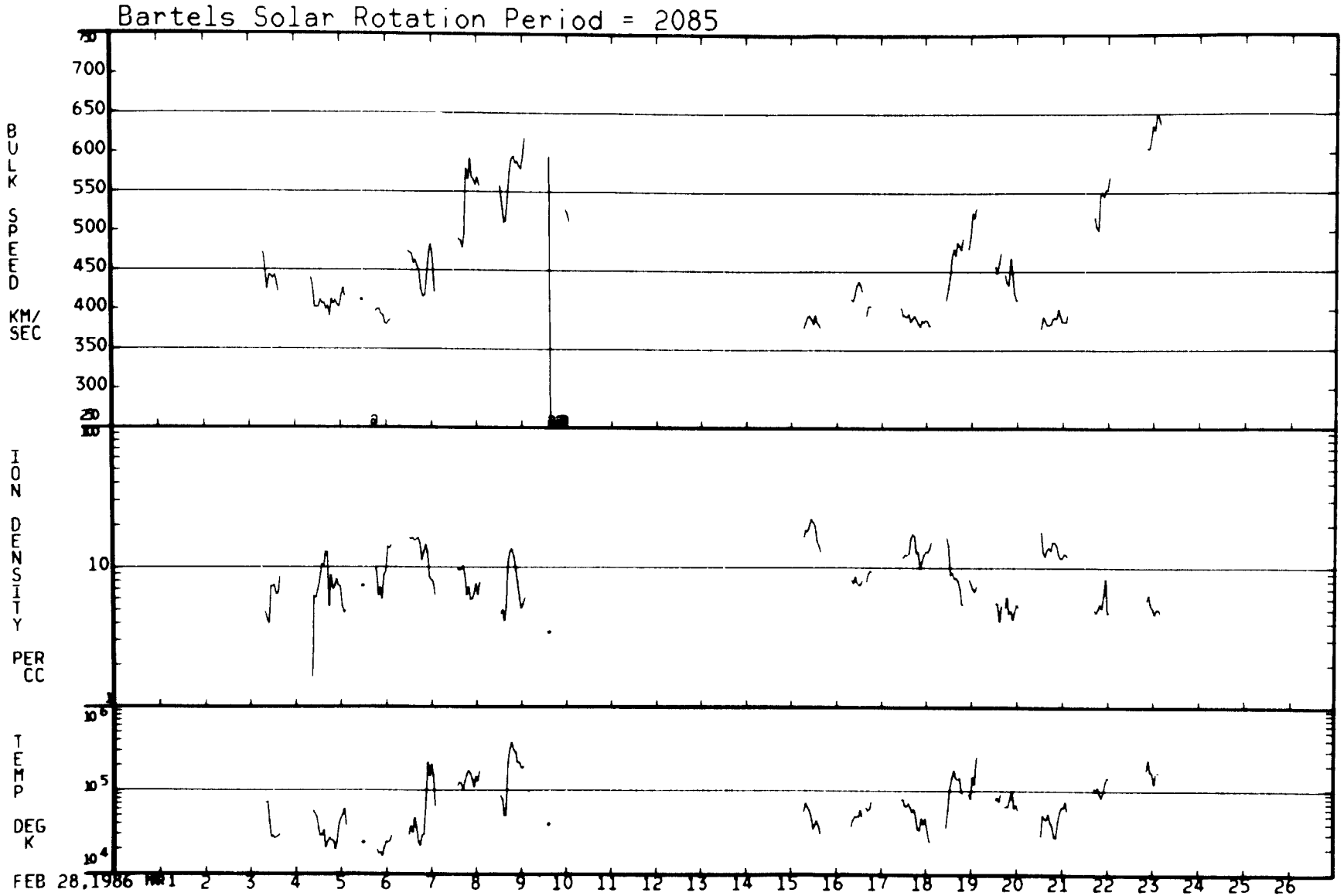

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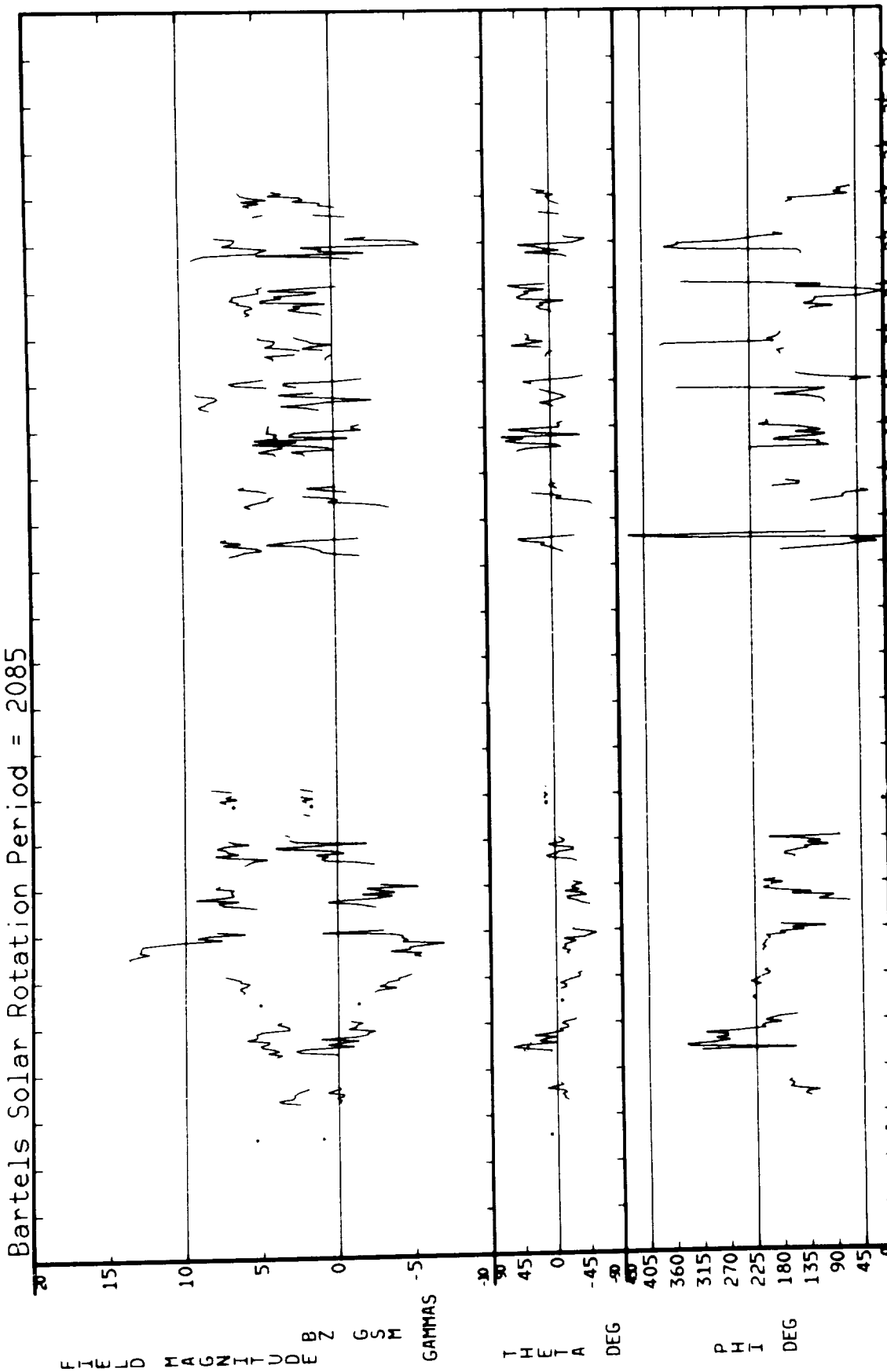

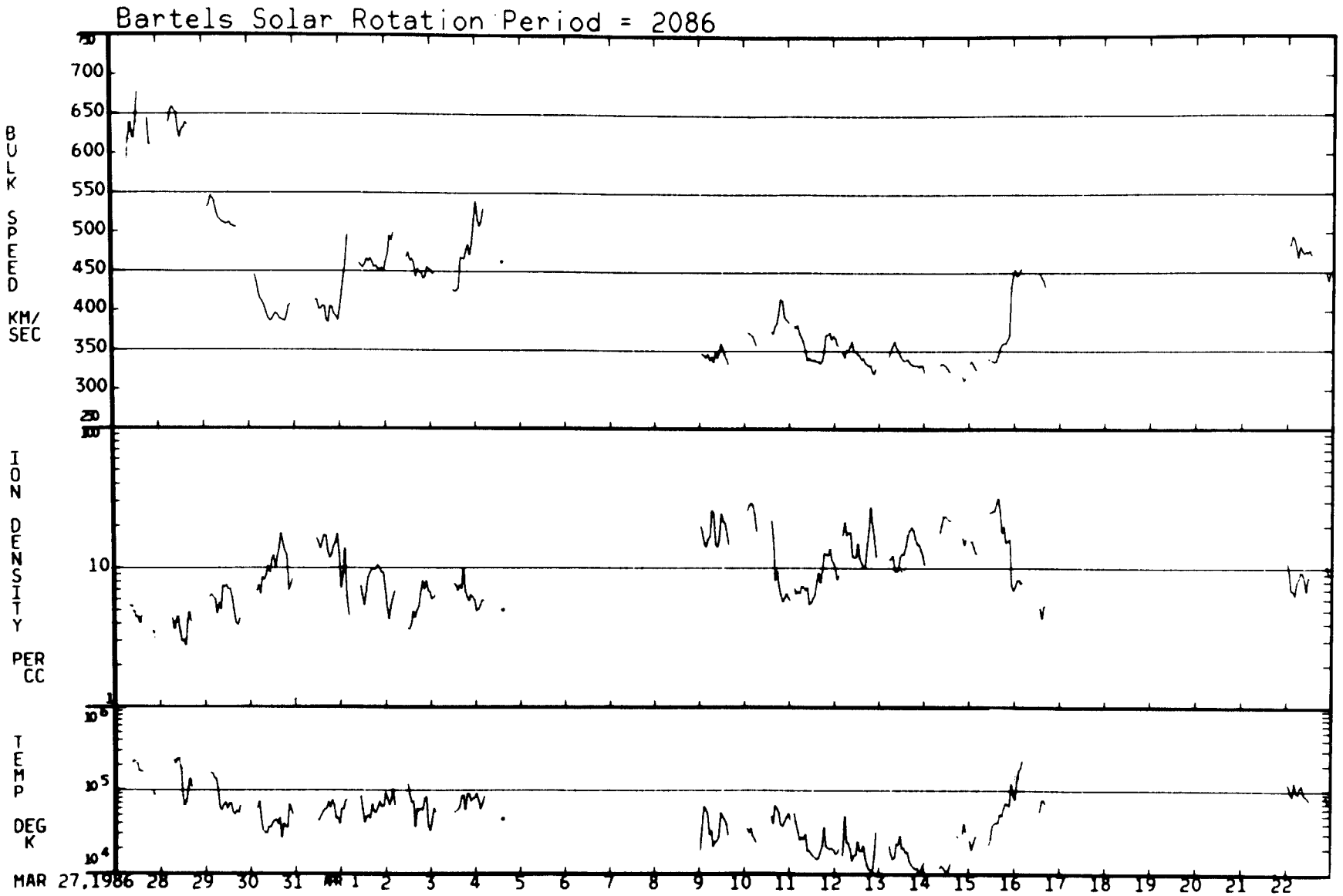

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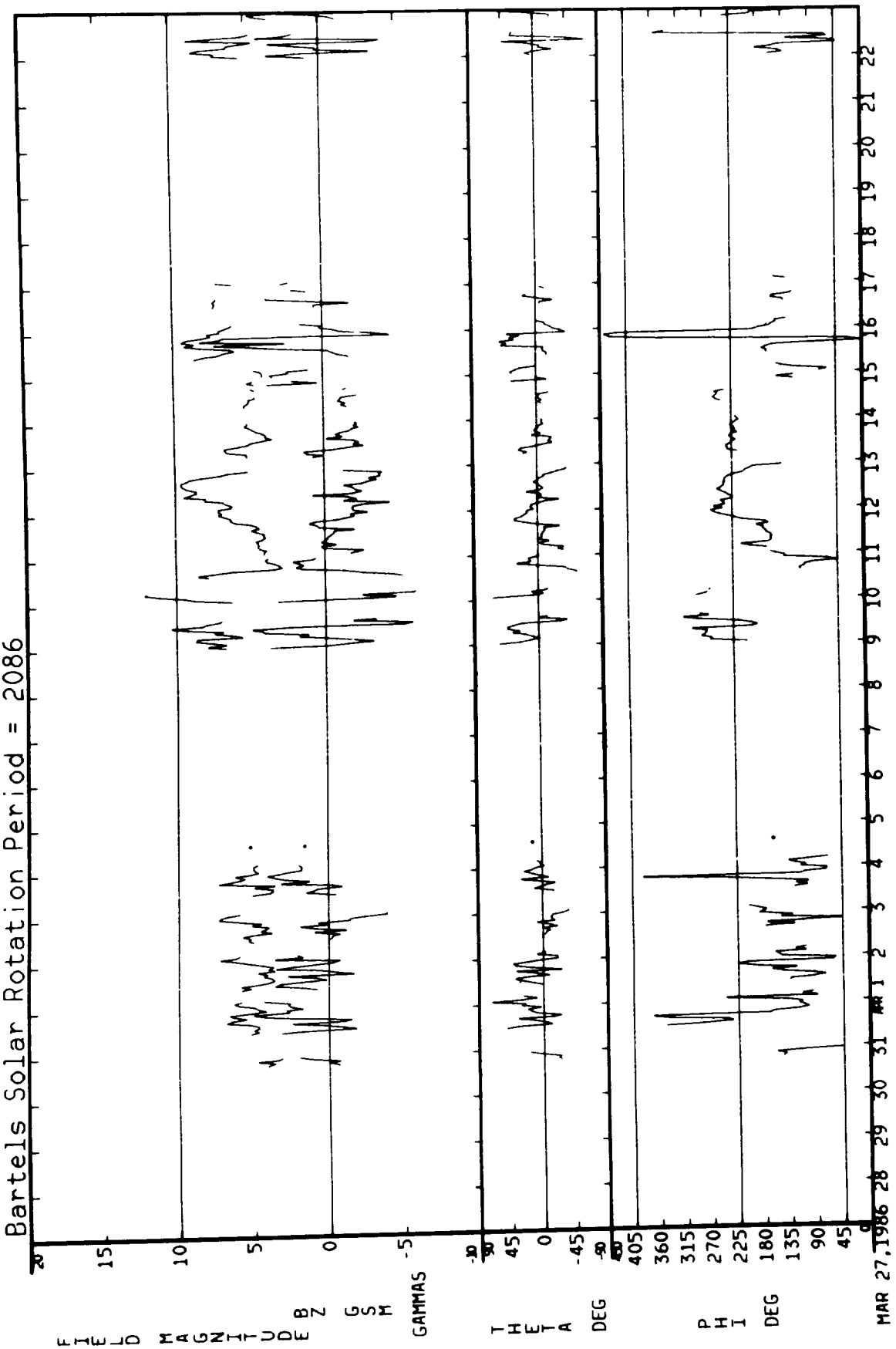

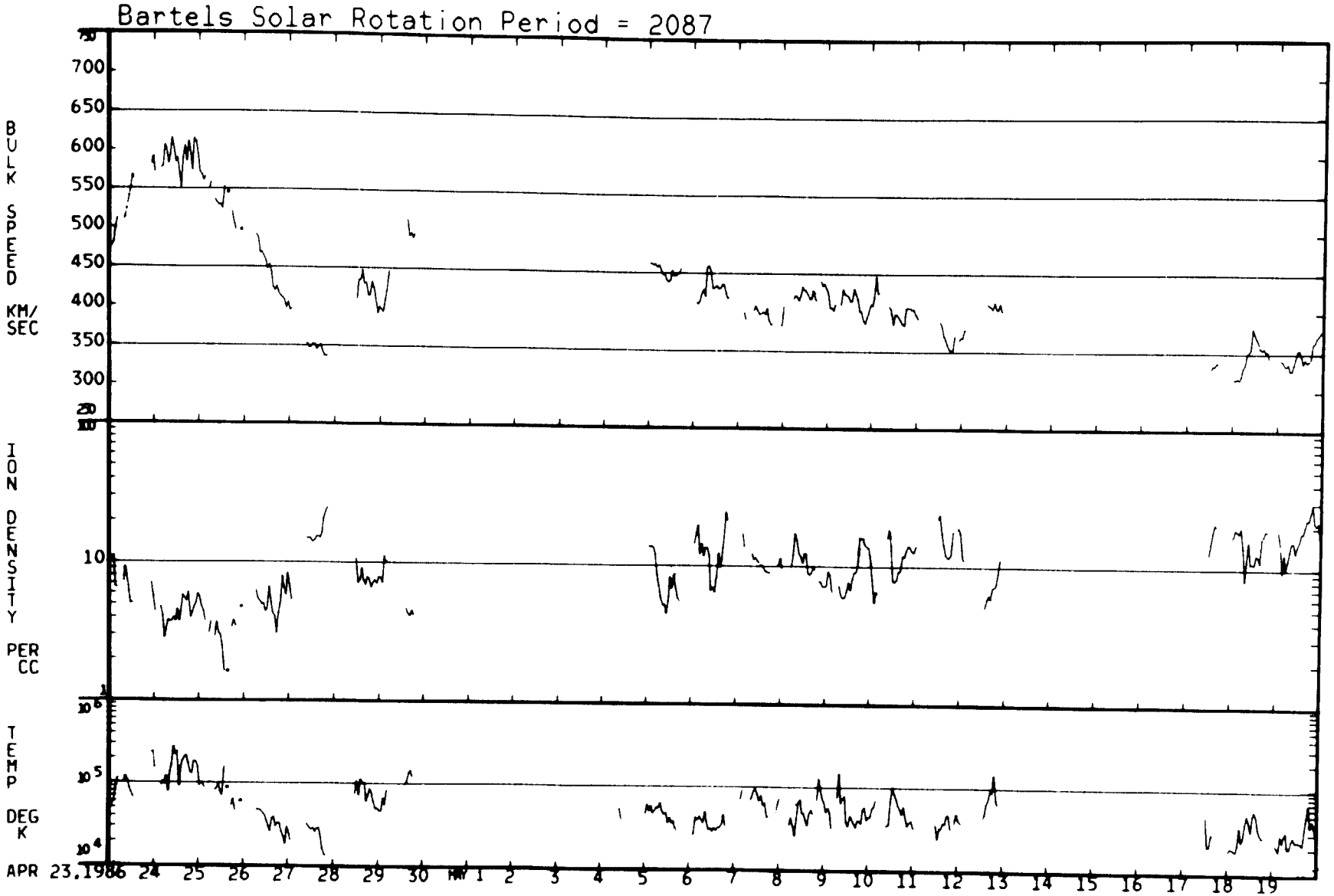

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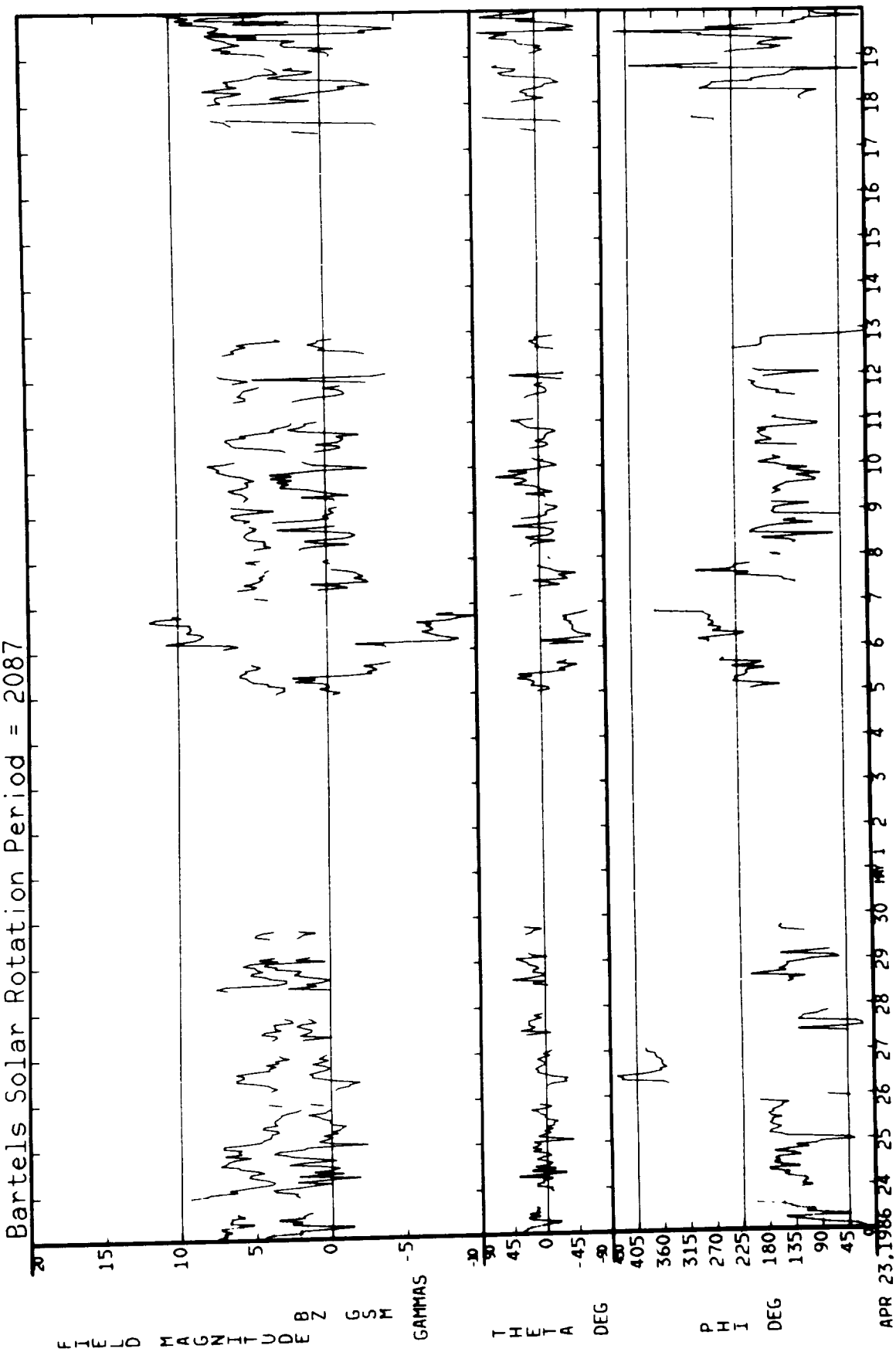

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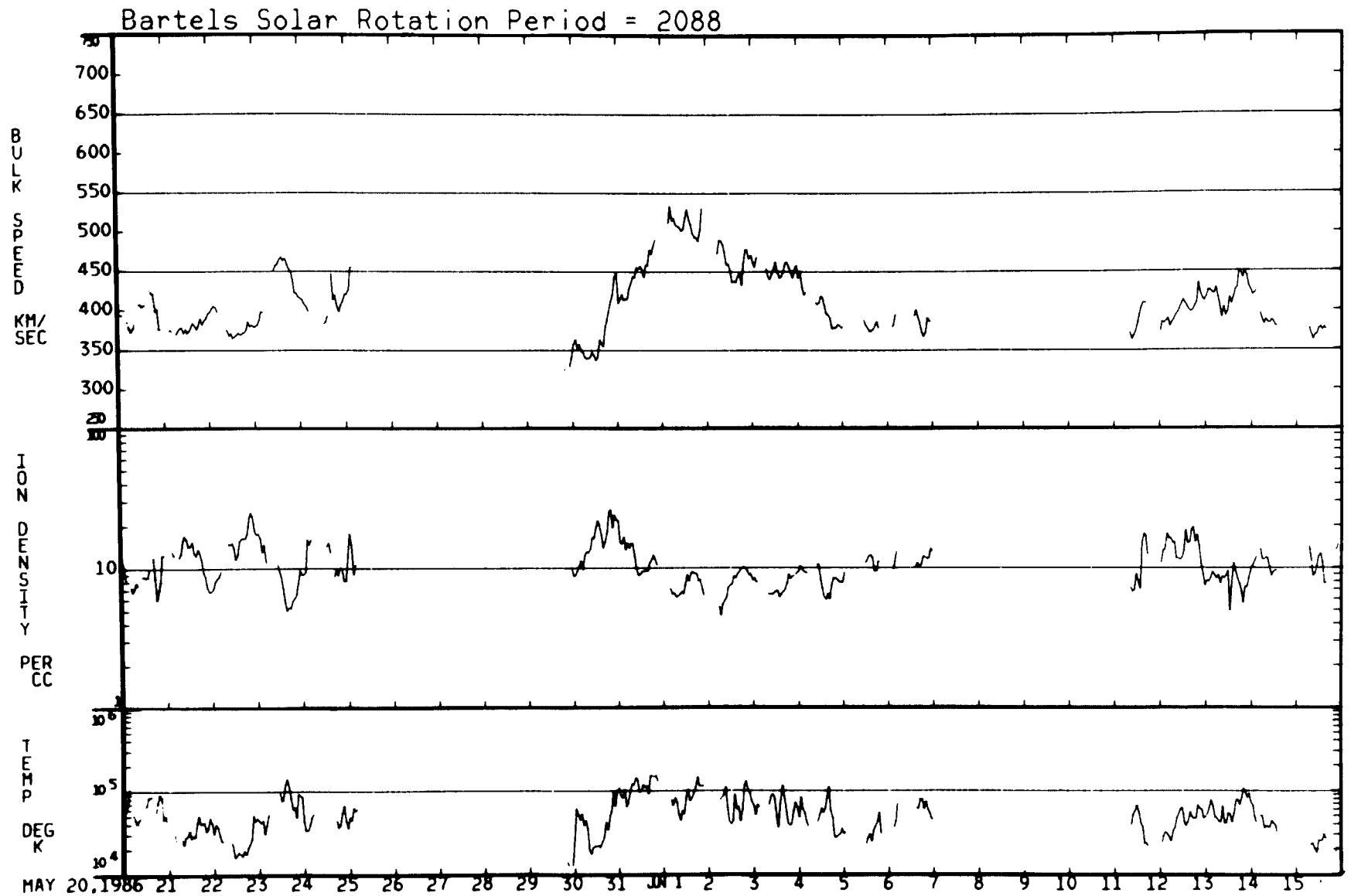

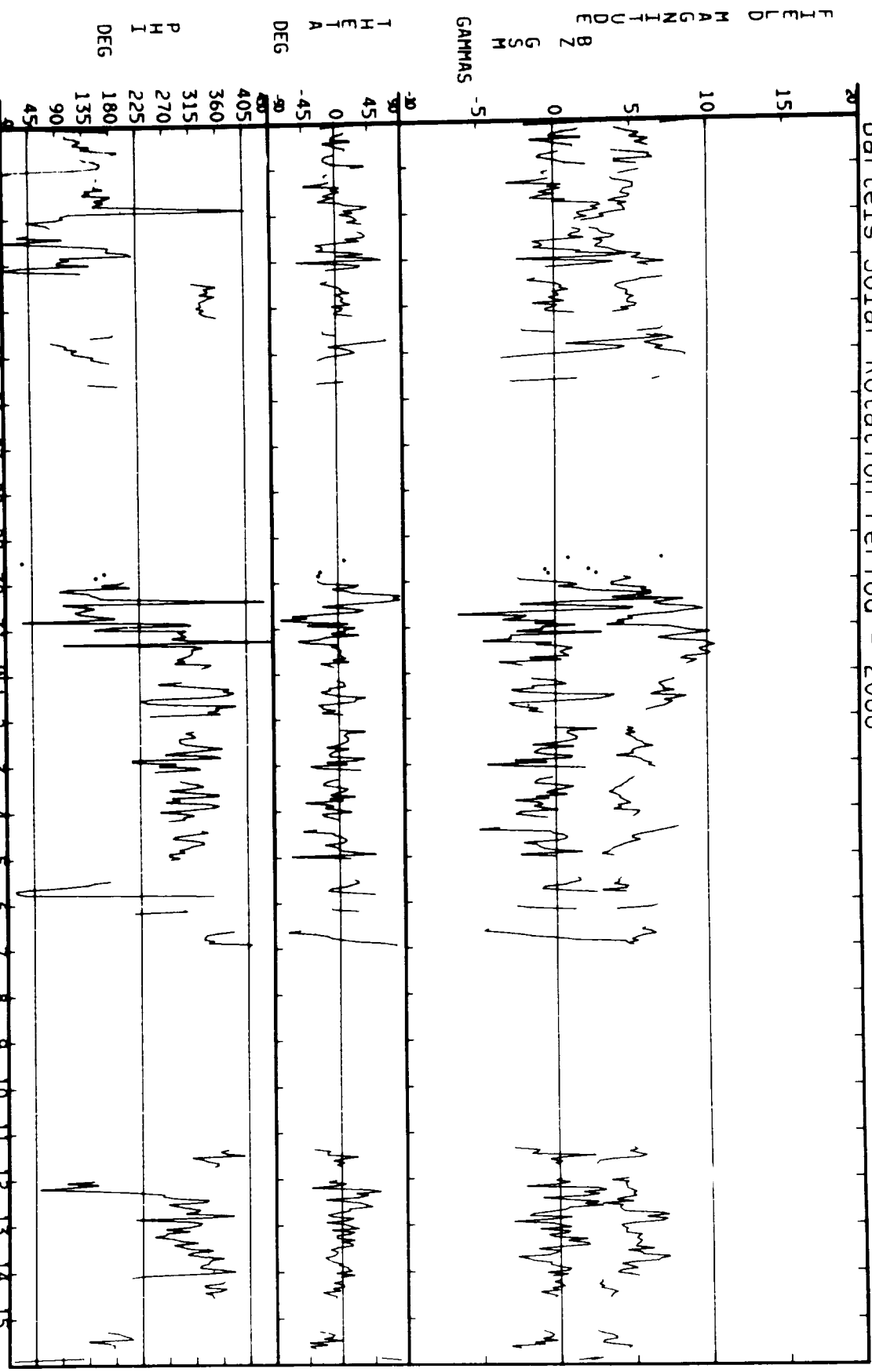

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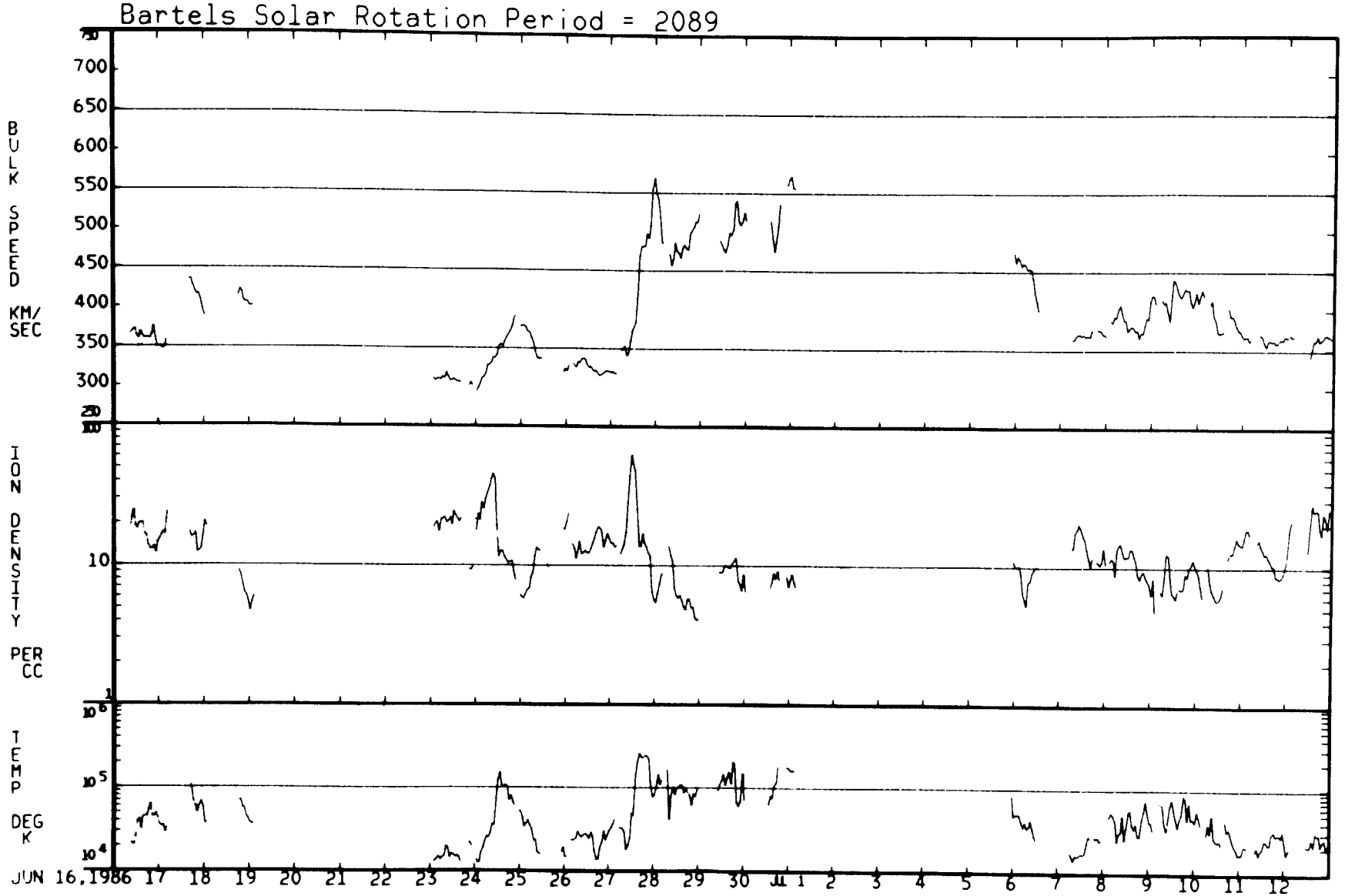
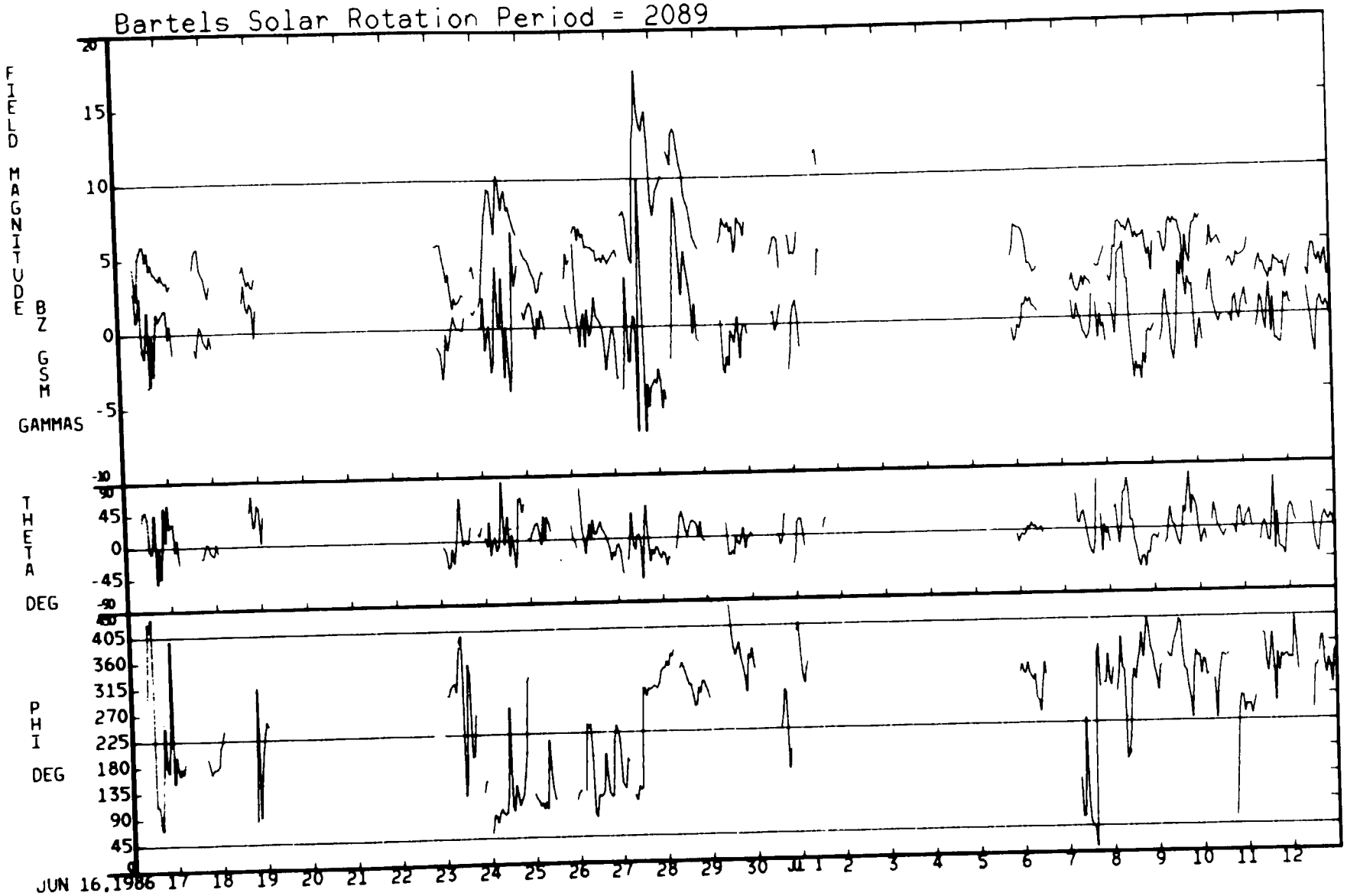
06/16/86 - 07/12/86





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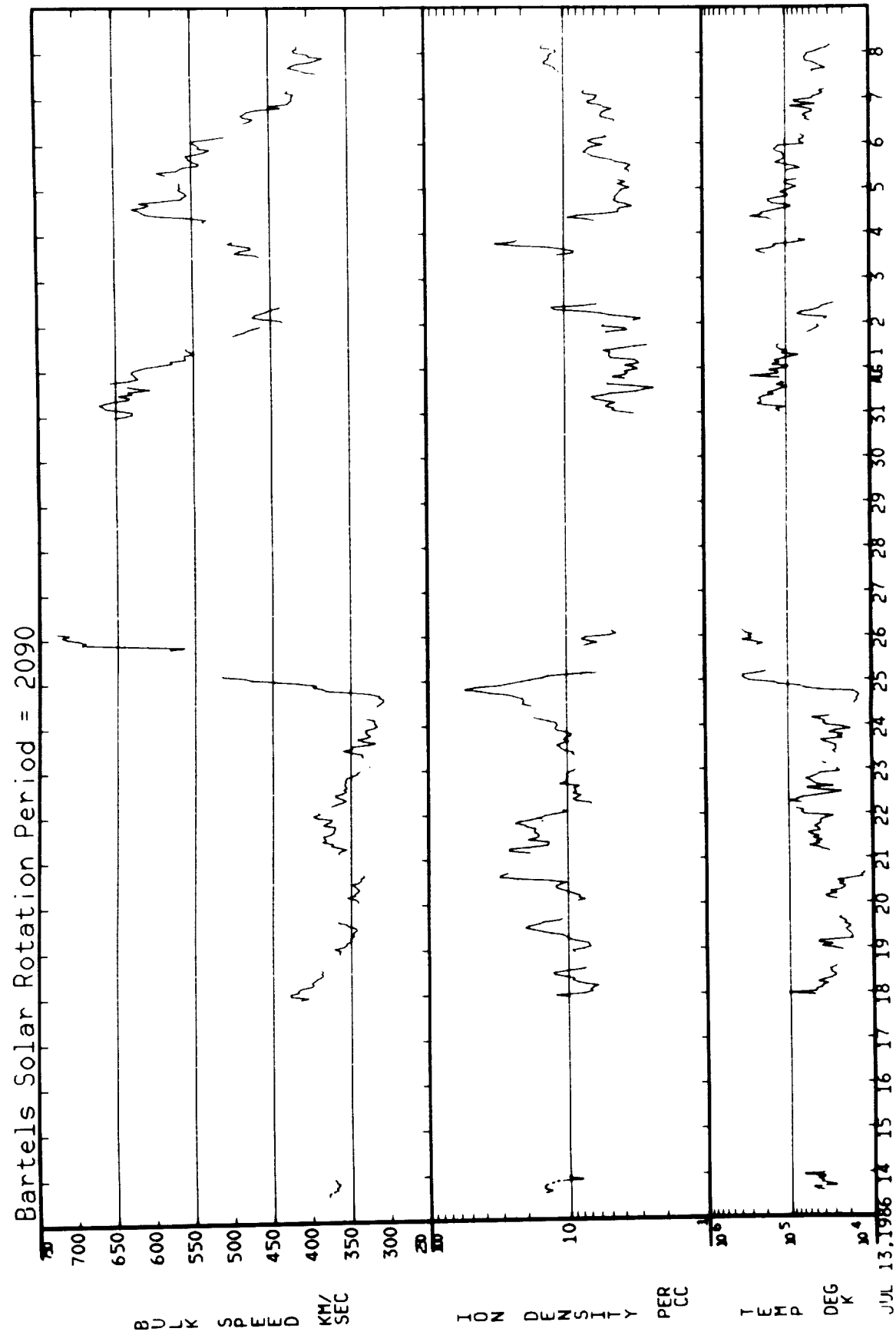
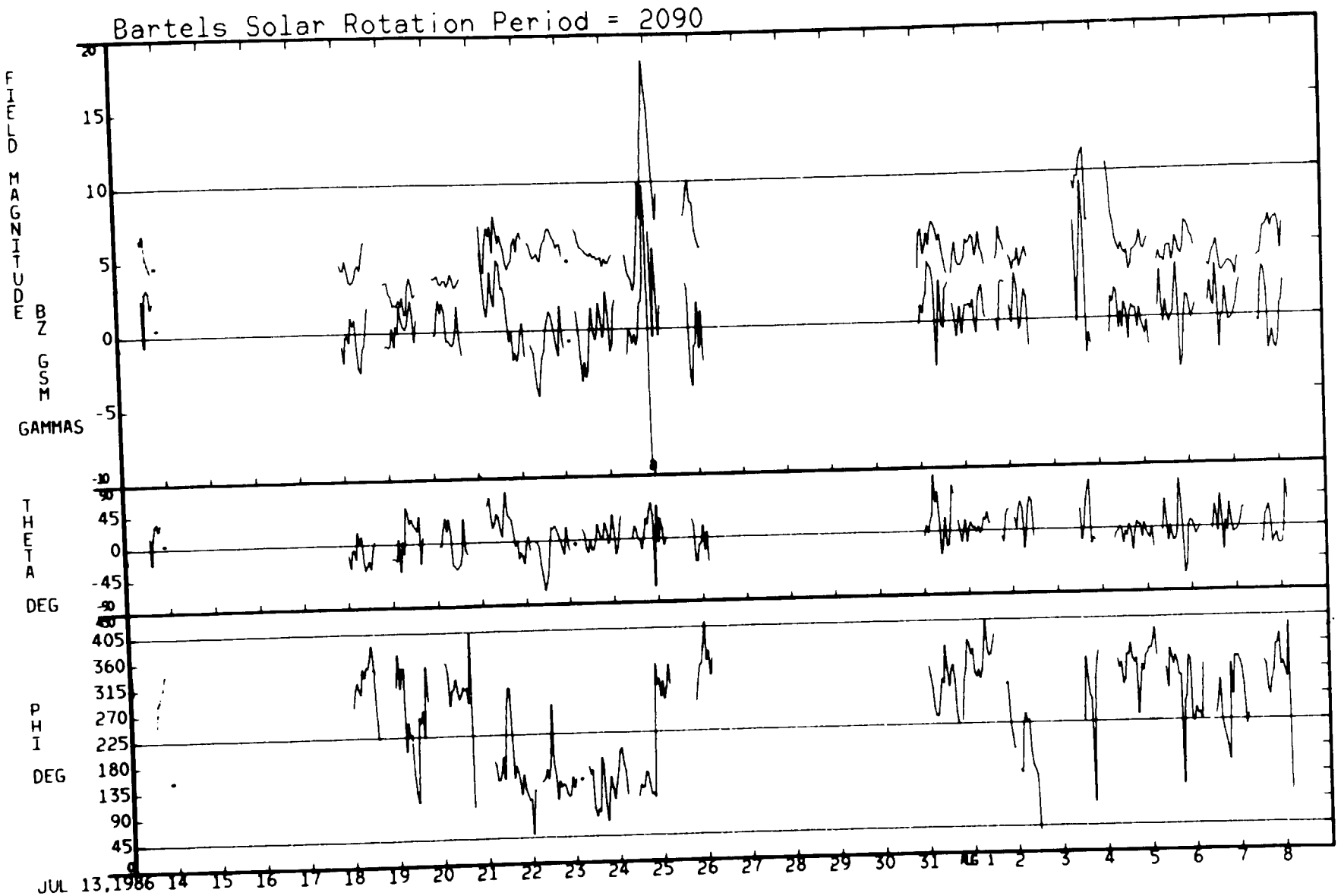
07/13/86 - 08/08/86





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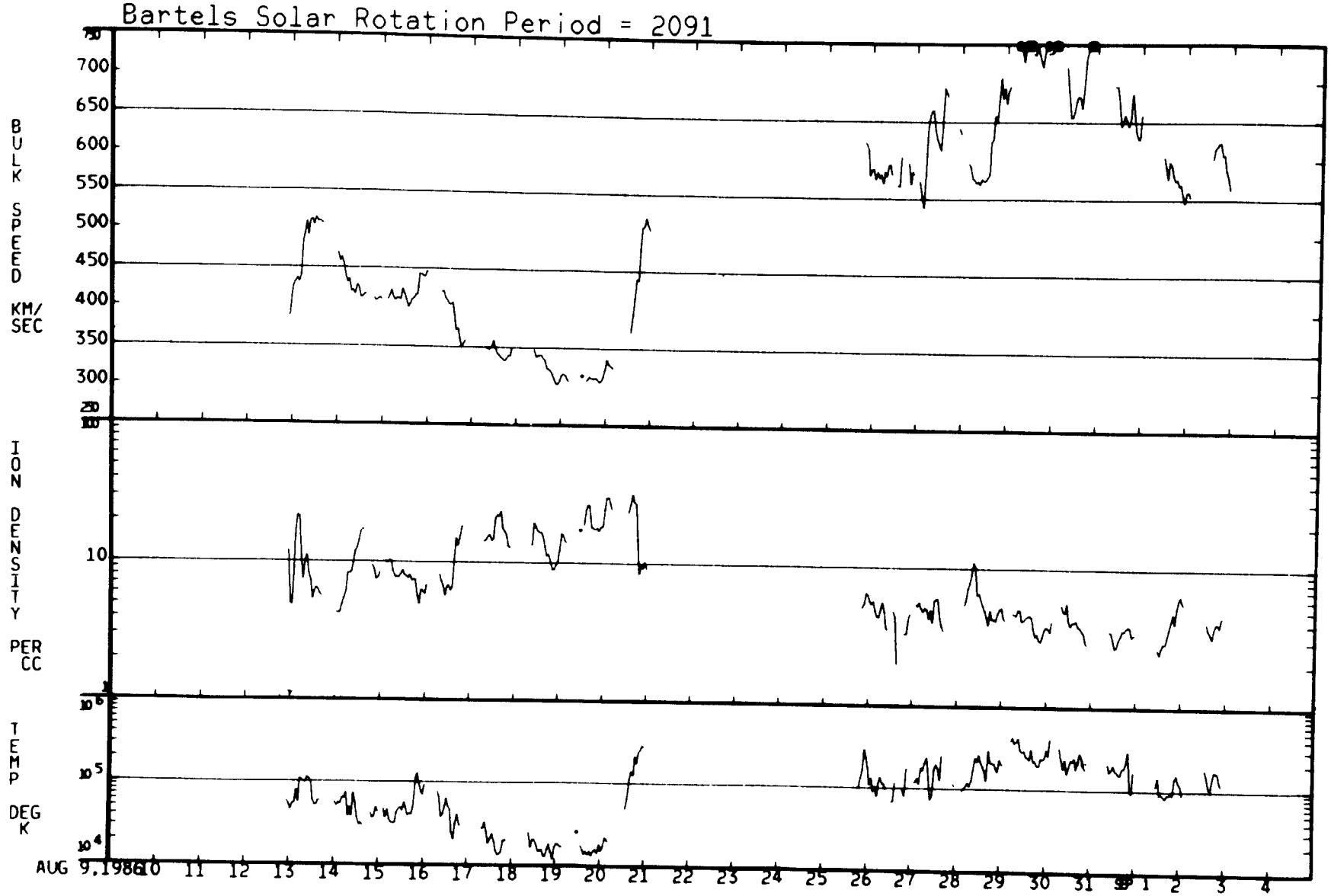

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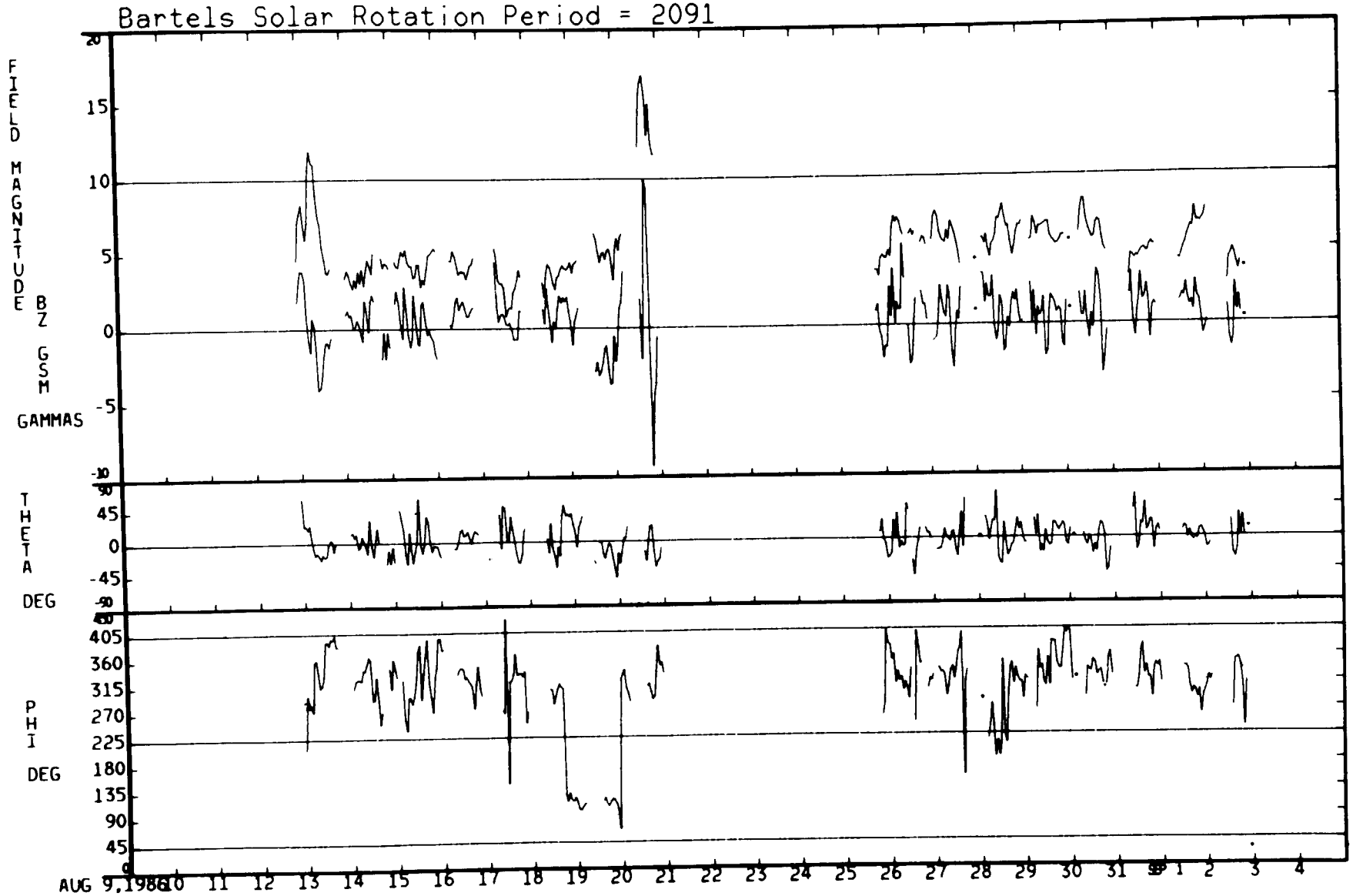
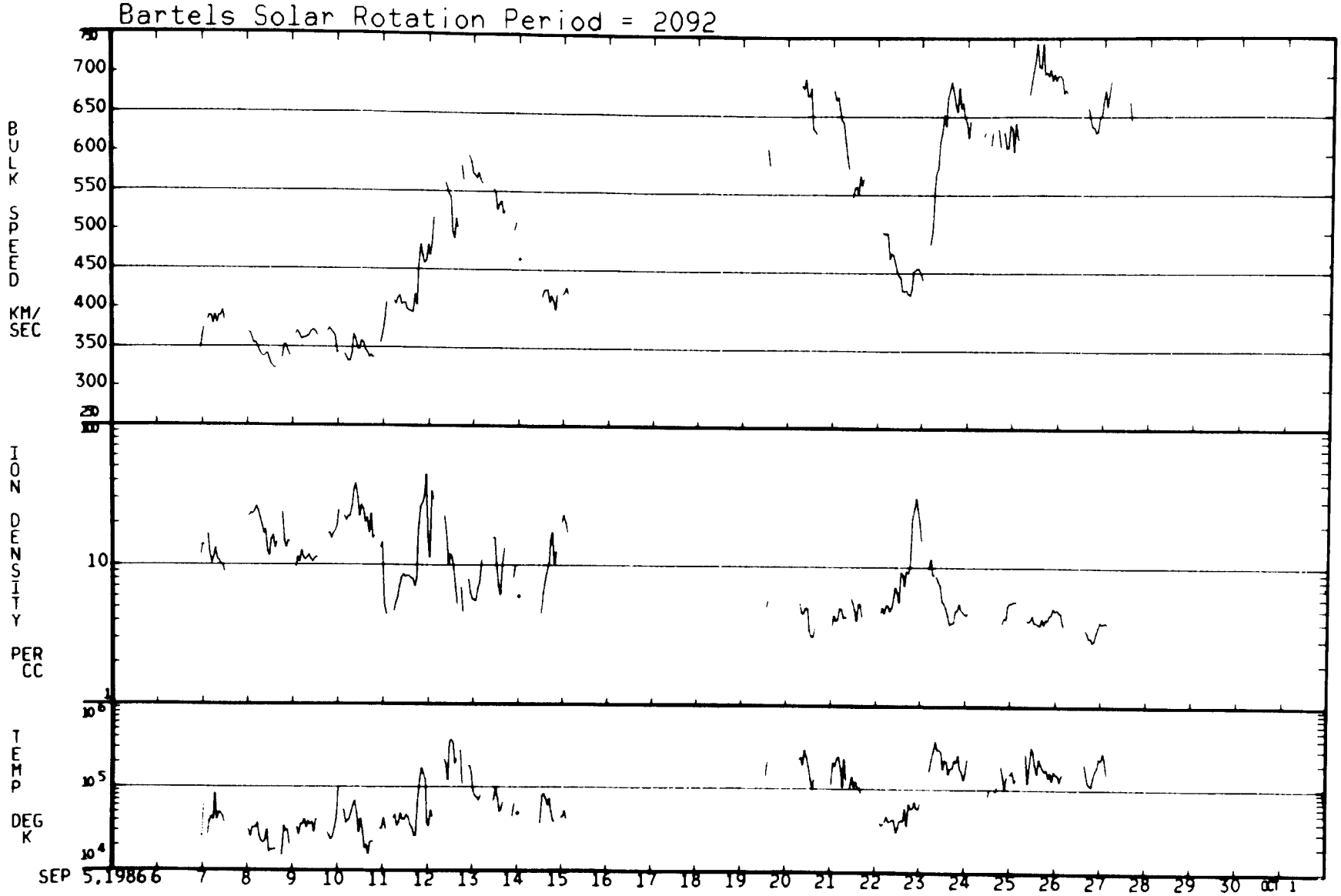
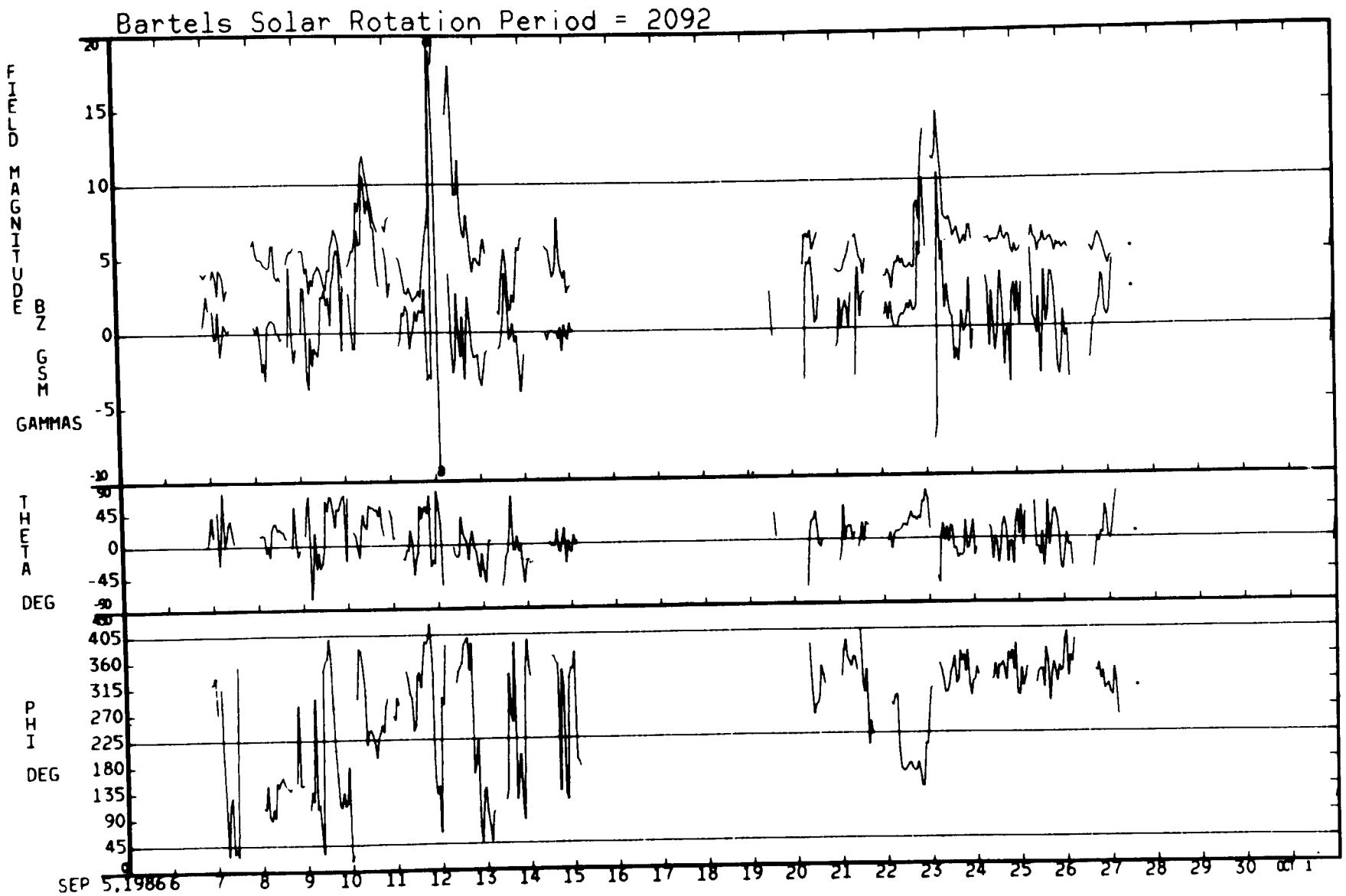


08/09/86 - 09/04/86

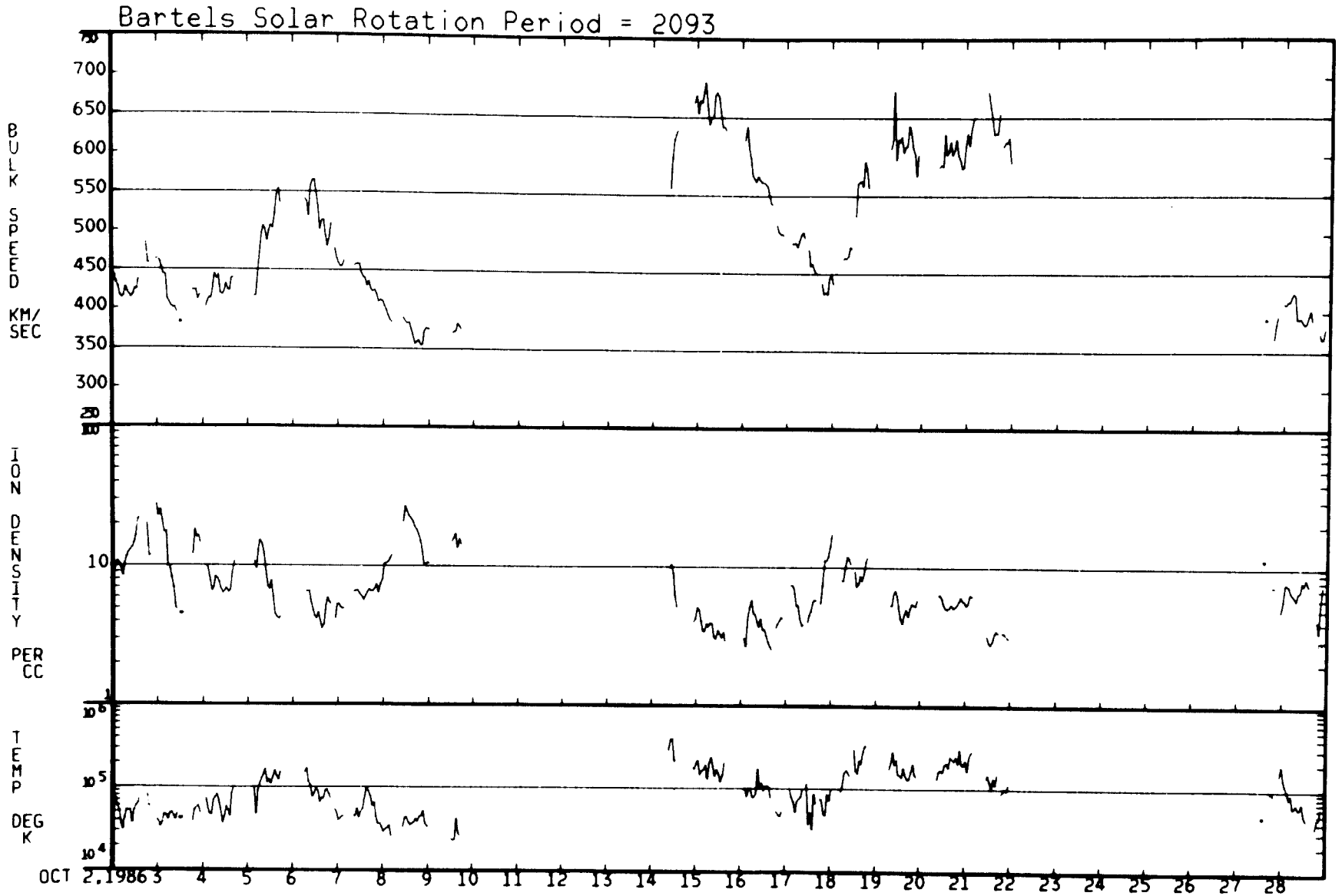
09/05/86 - 10/01/86

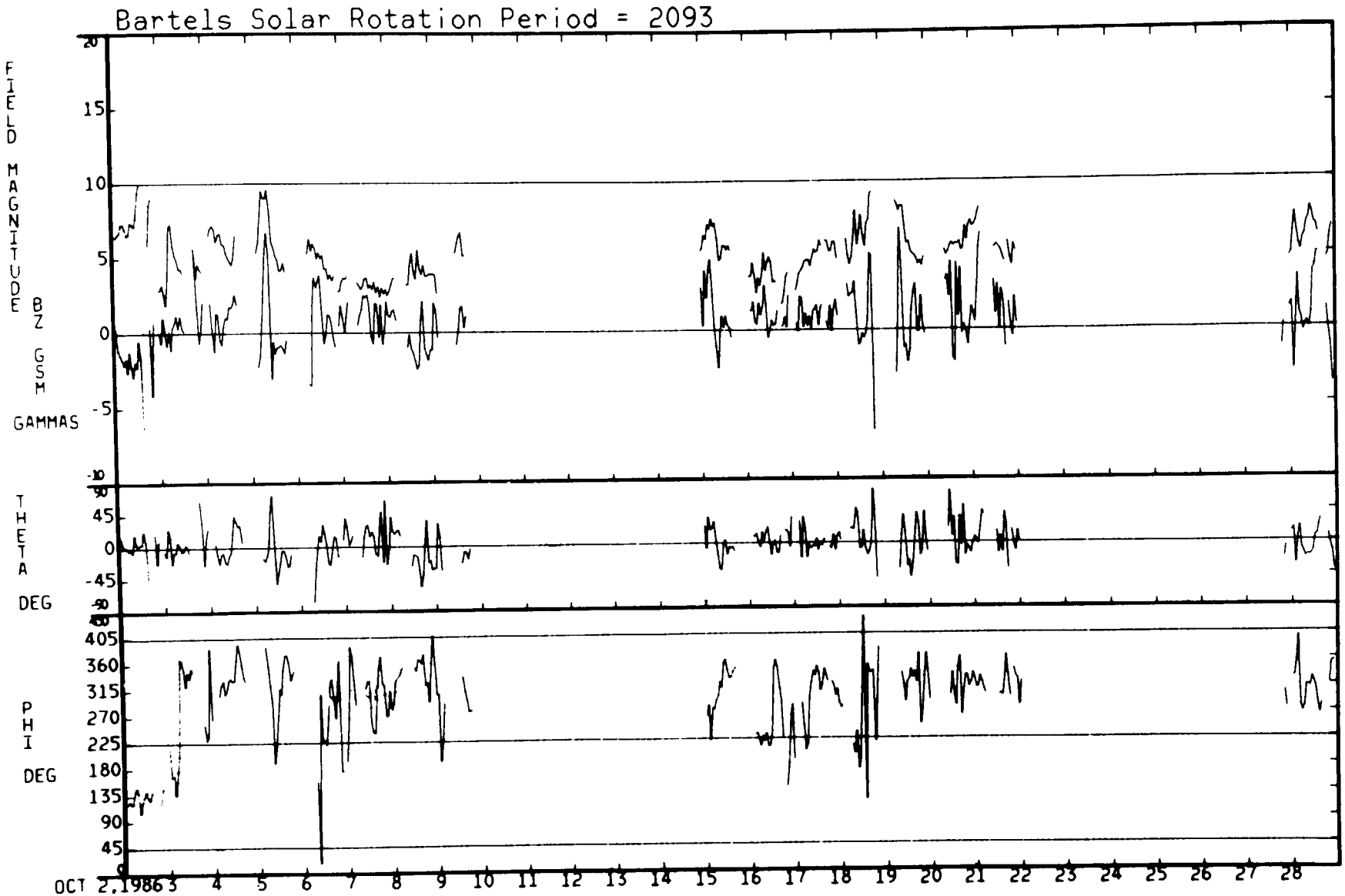




09/05/86 - 10/01/86

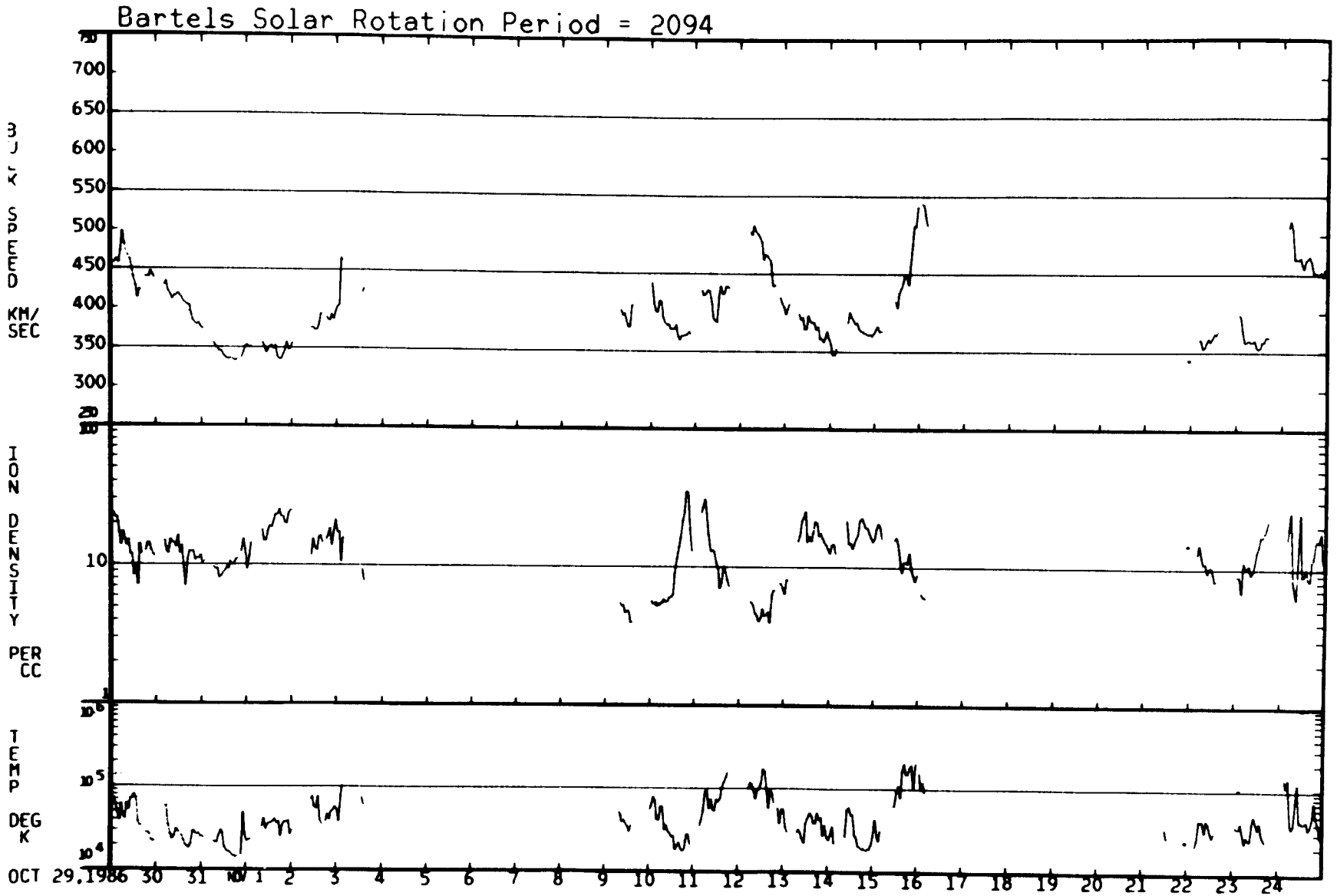
10/02/86 - 10/28/86

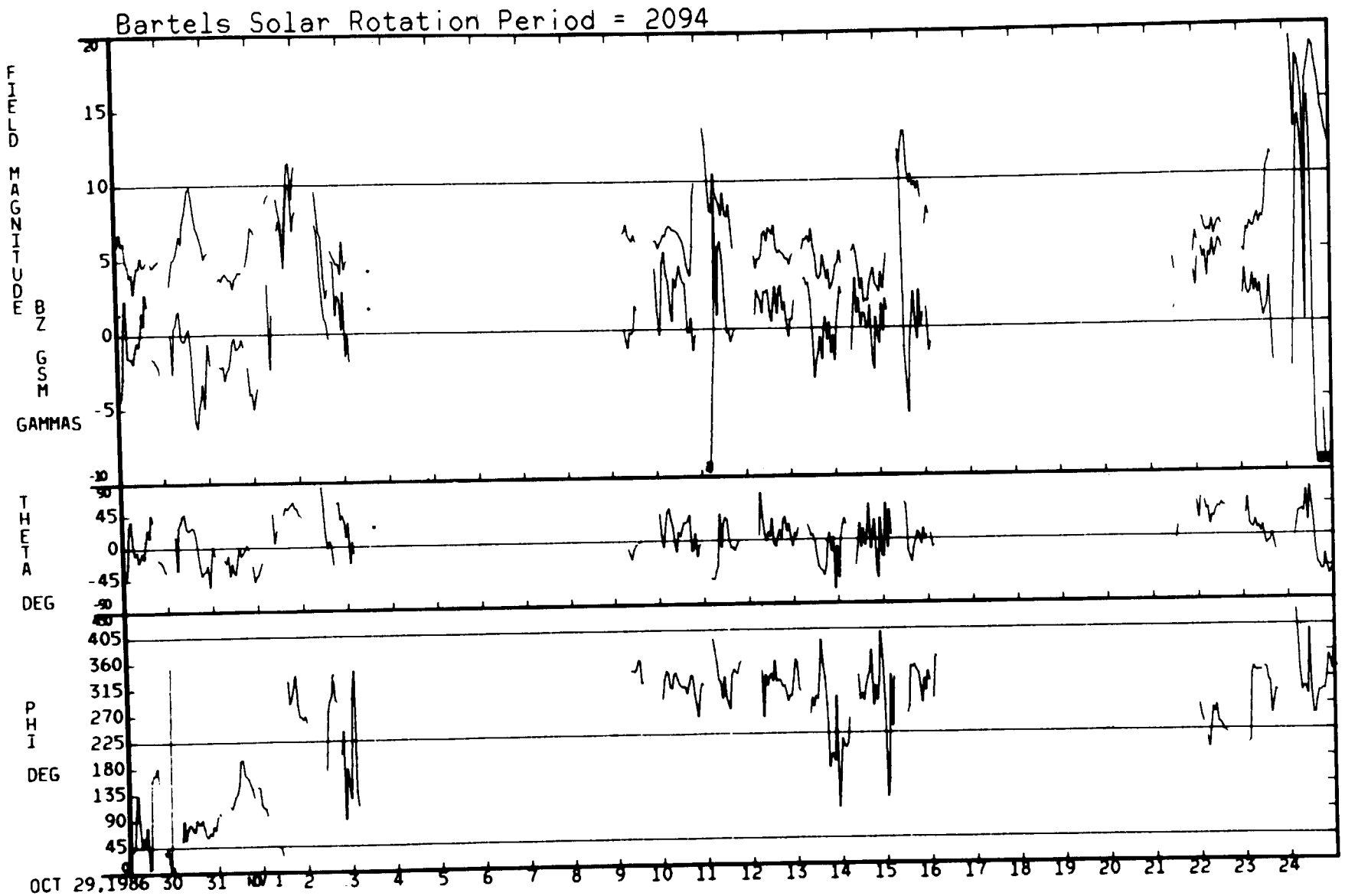




10/02/86 - 10/28/86

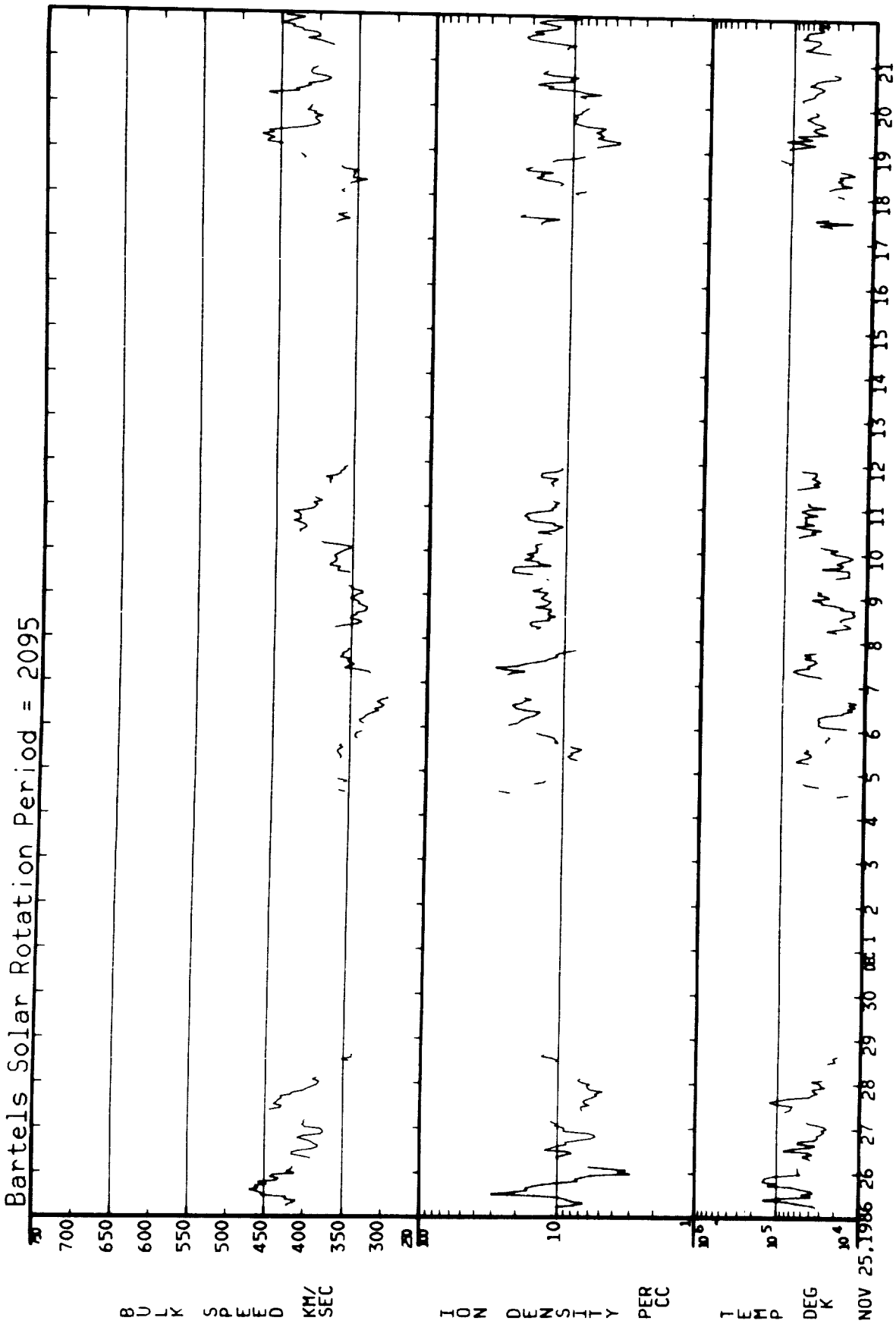
10/29/86 - 11/24/86



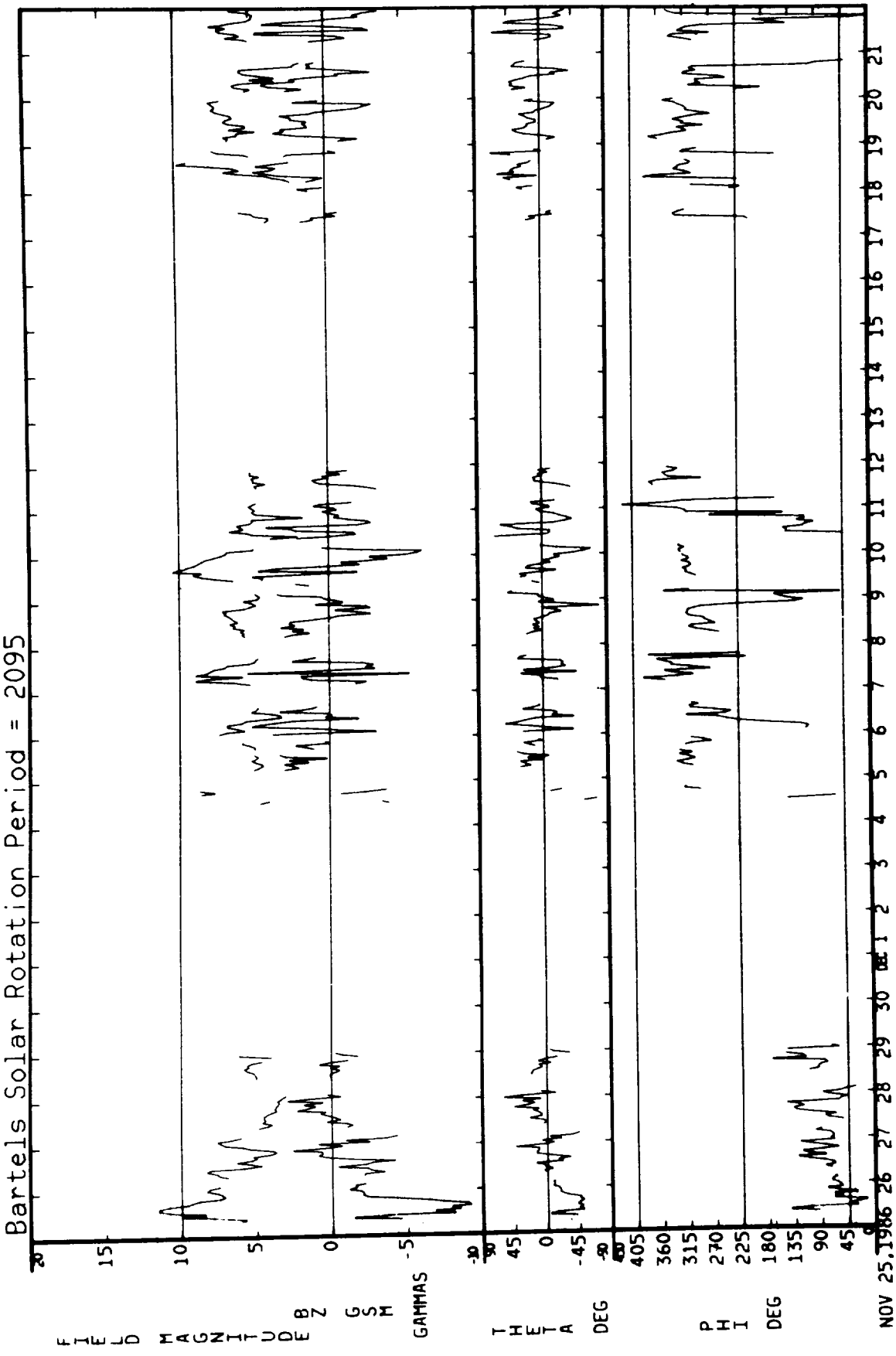


10/29/86 - 11/24/86

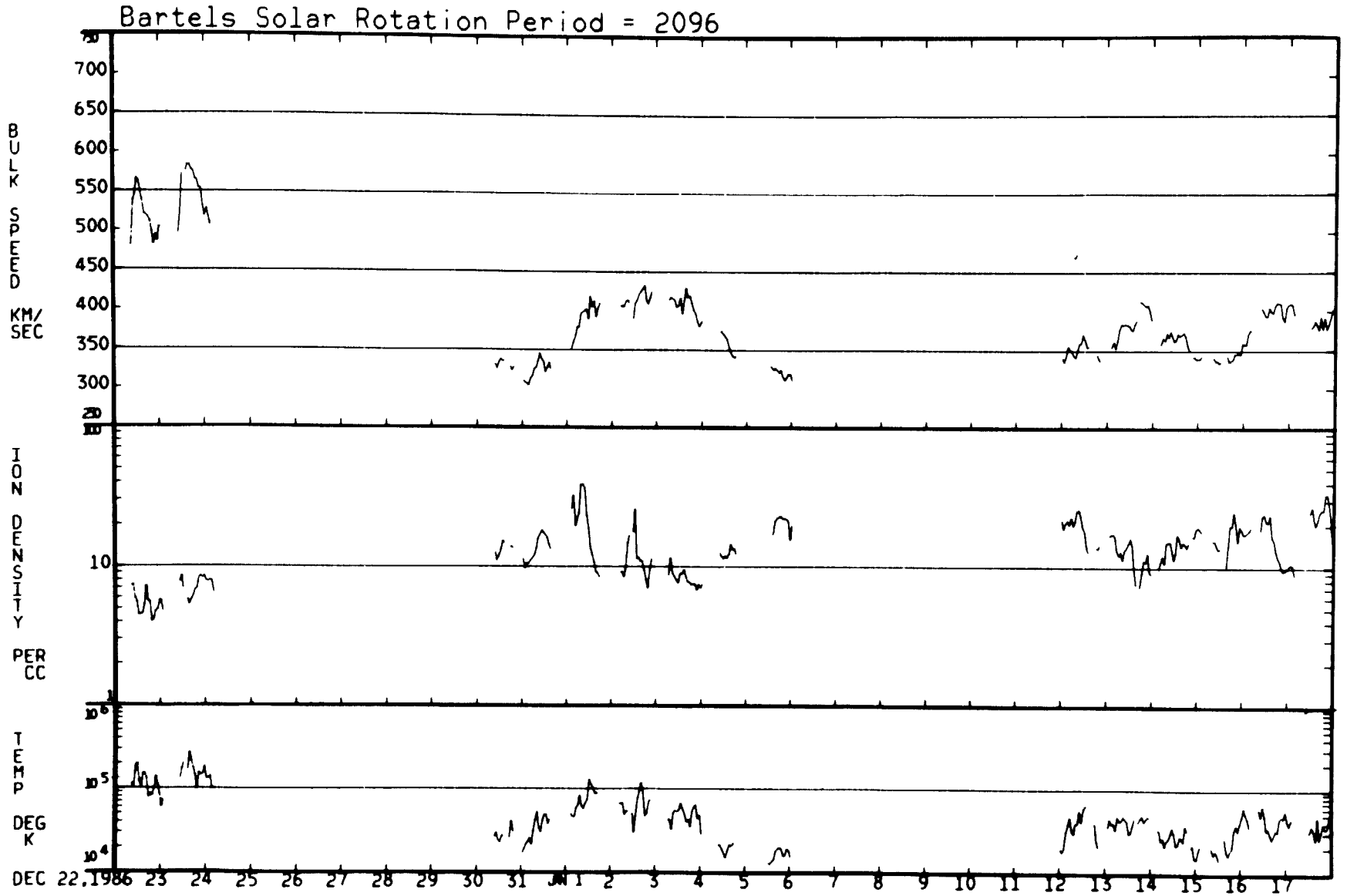
11/25/86 - 12/21/86



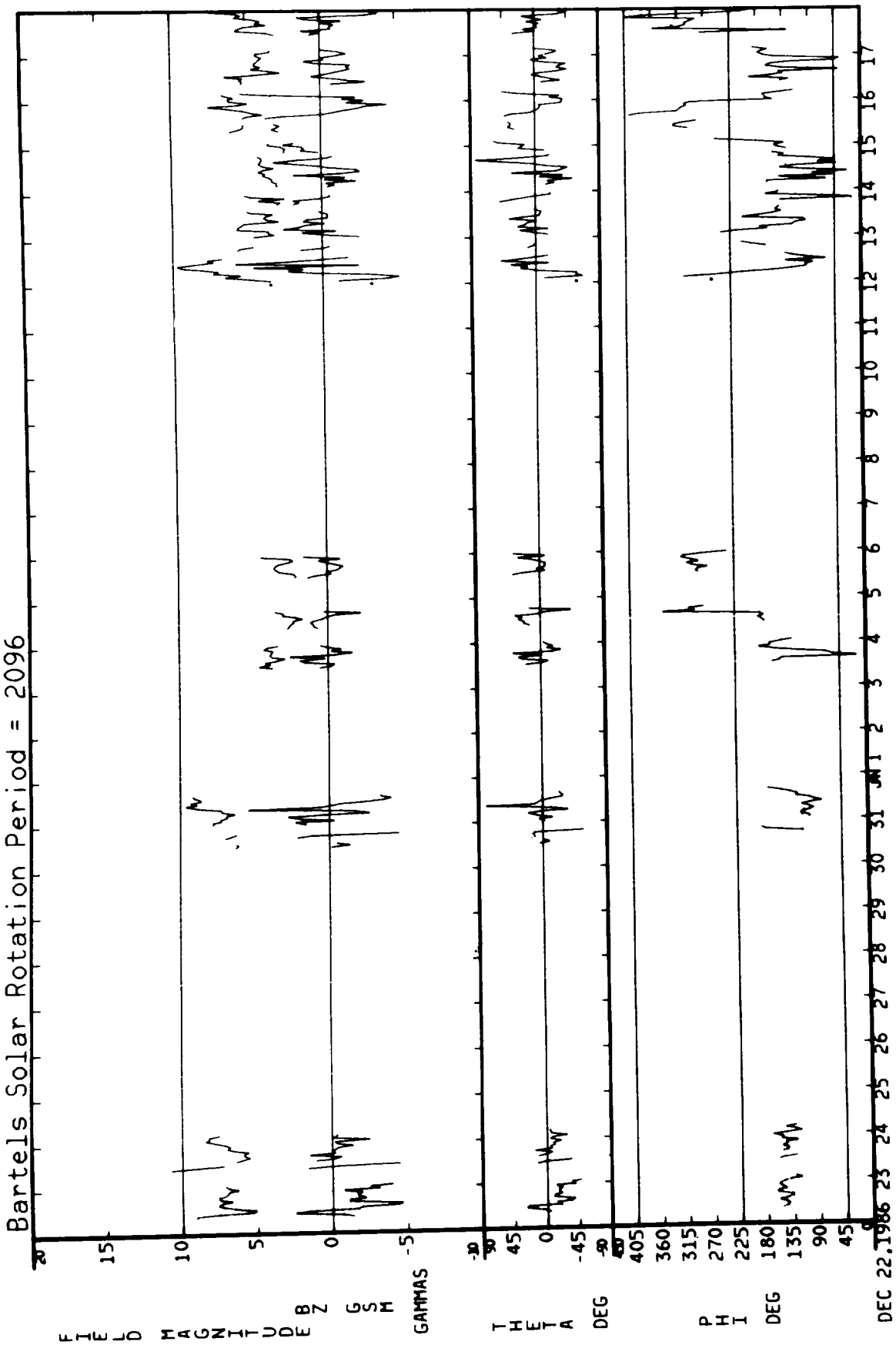
11/25/86 - 12/21/86



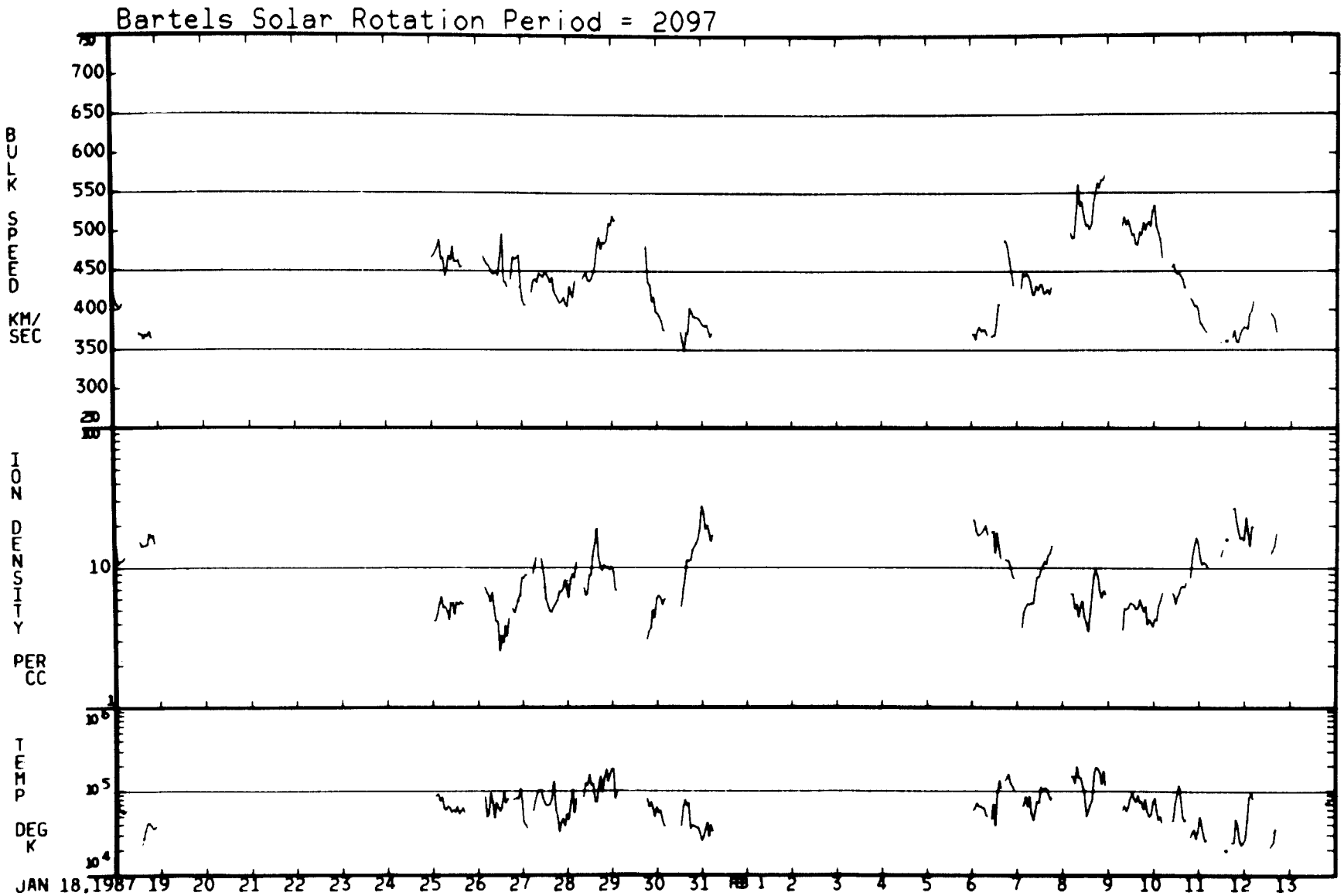
12/22/86 - 01/17/87



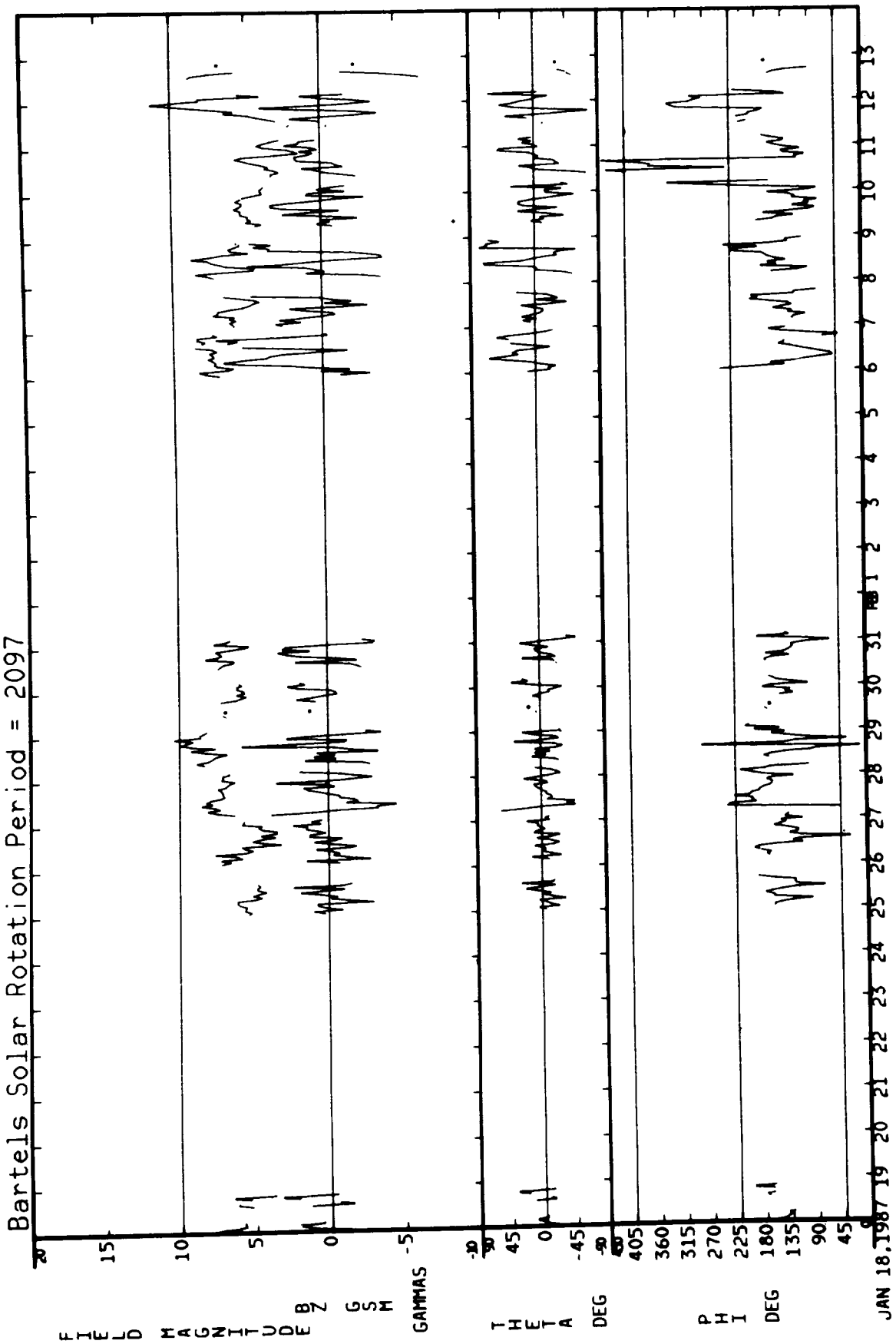
12/22/86 - 01/17/87



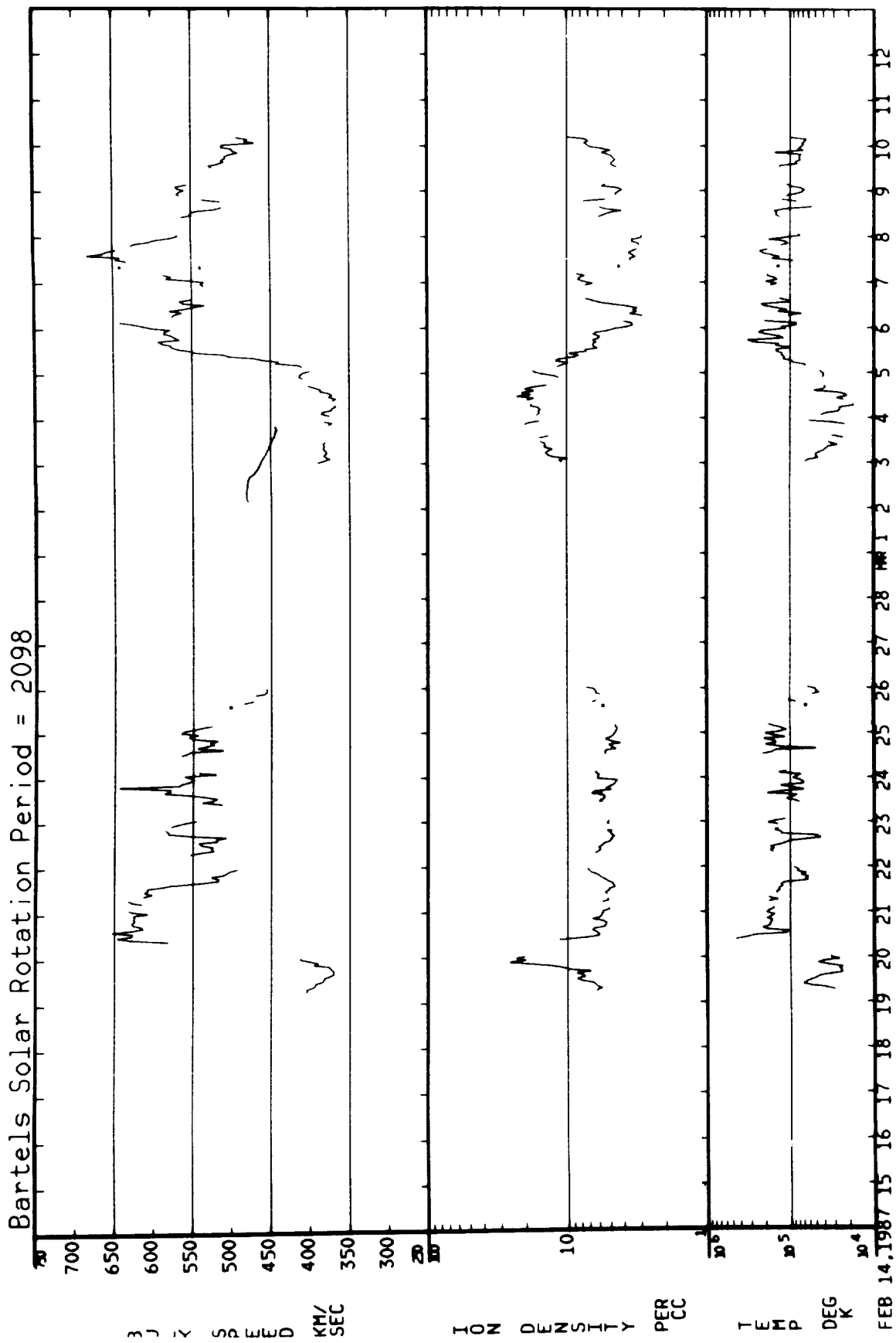
01/18/87 - 02/13/87



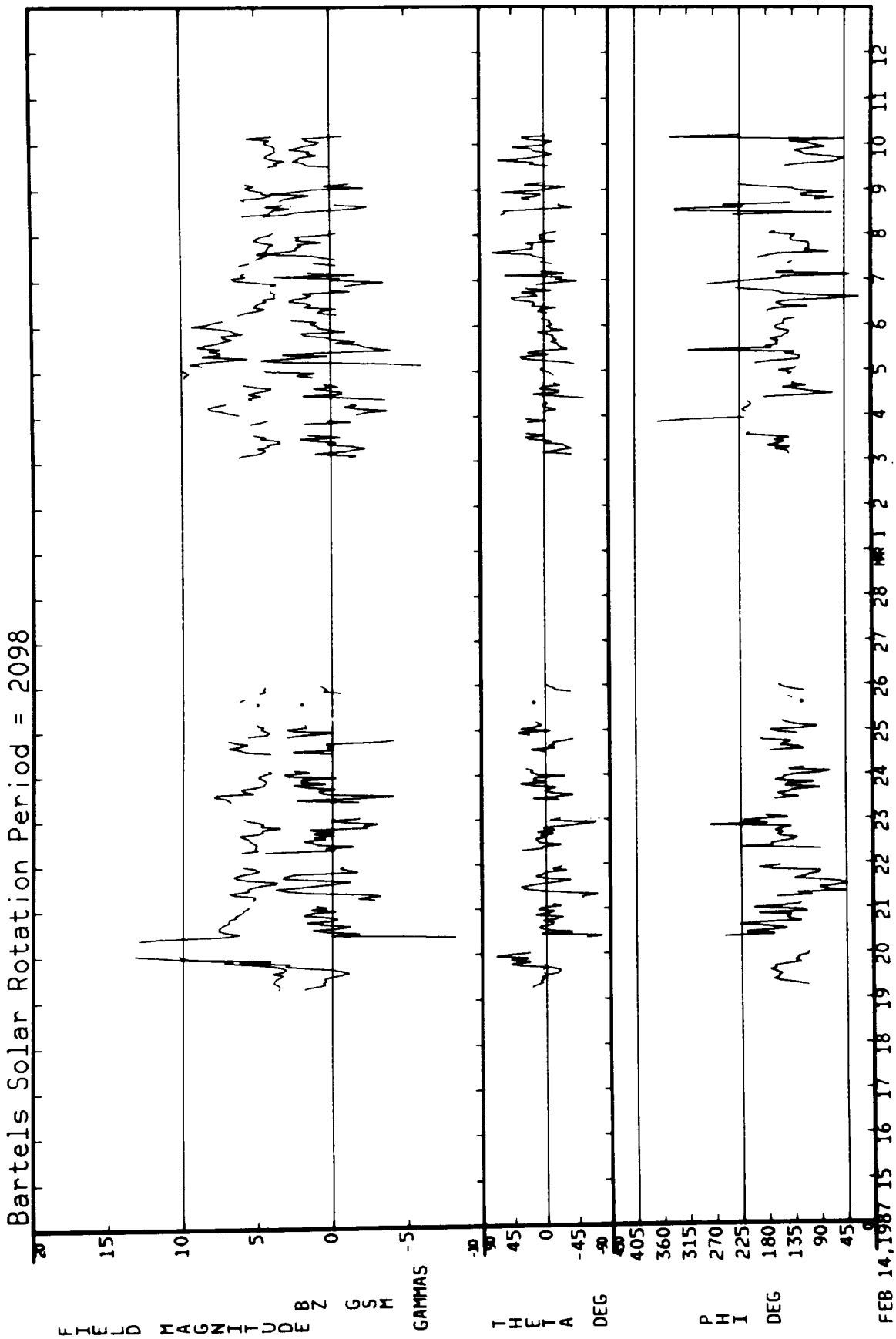
01/18/87 - 02/13/87



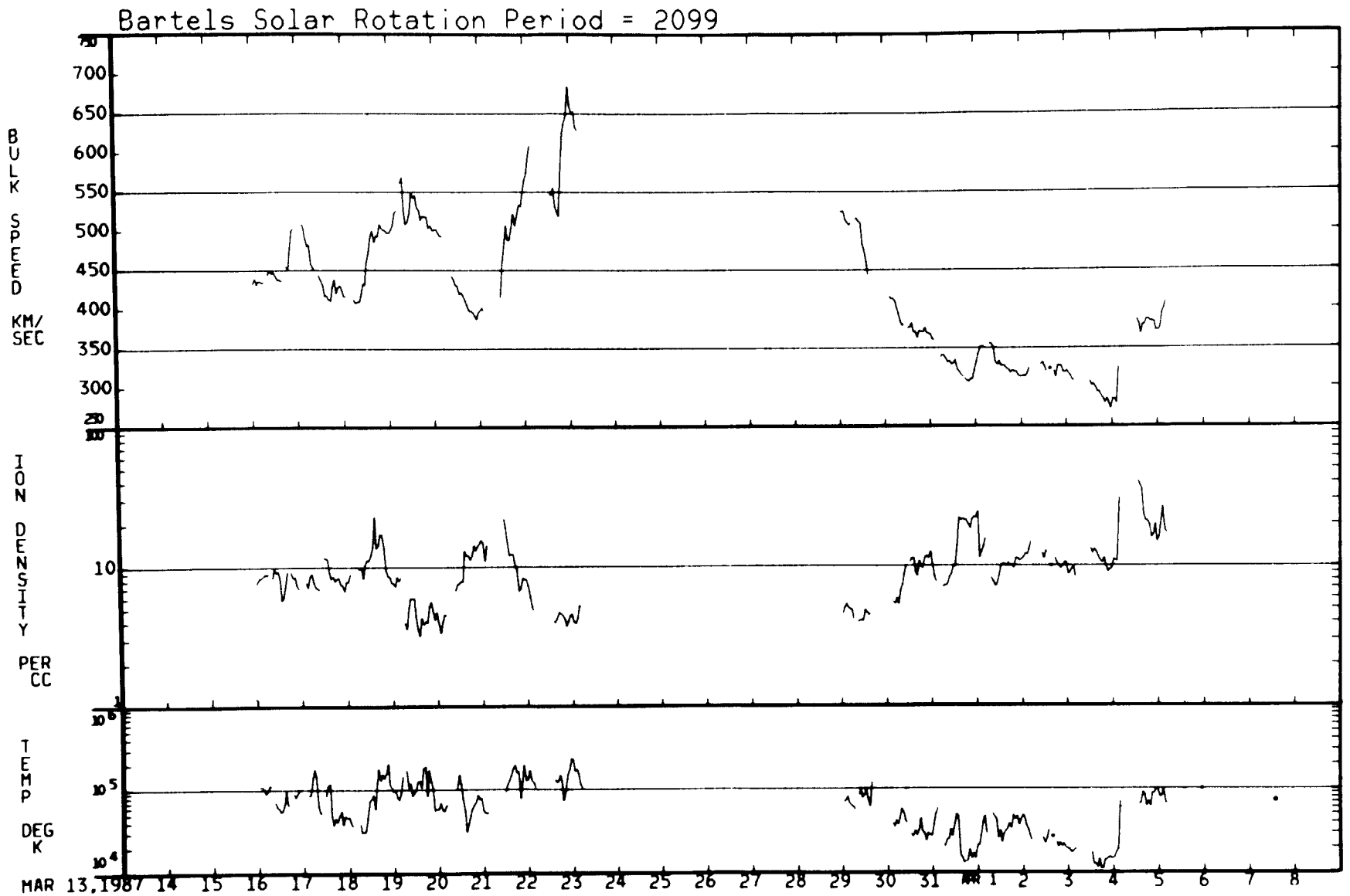
02/14/87 - 03/12/87



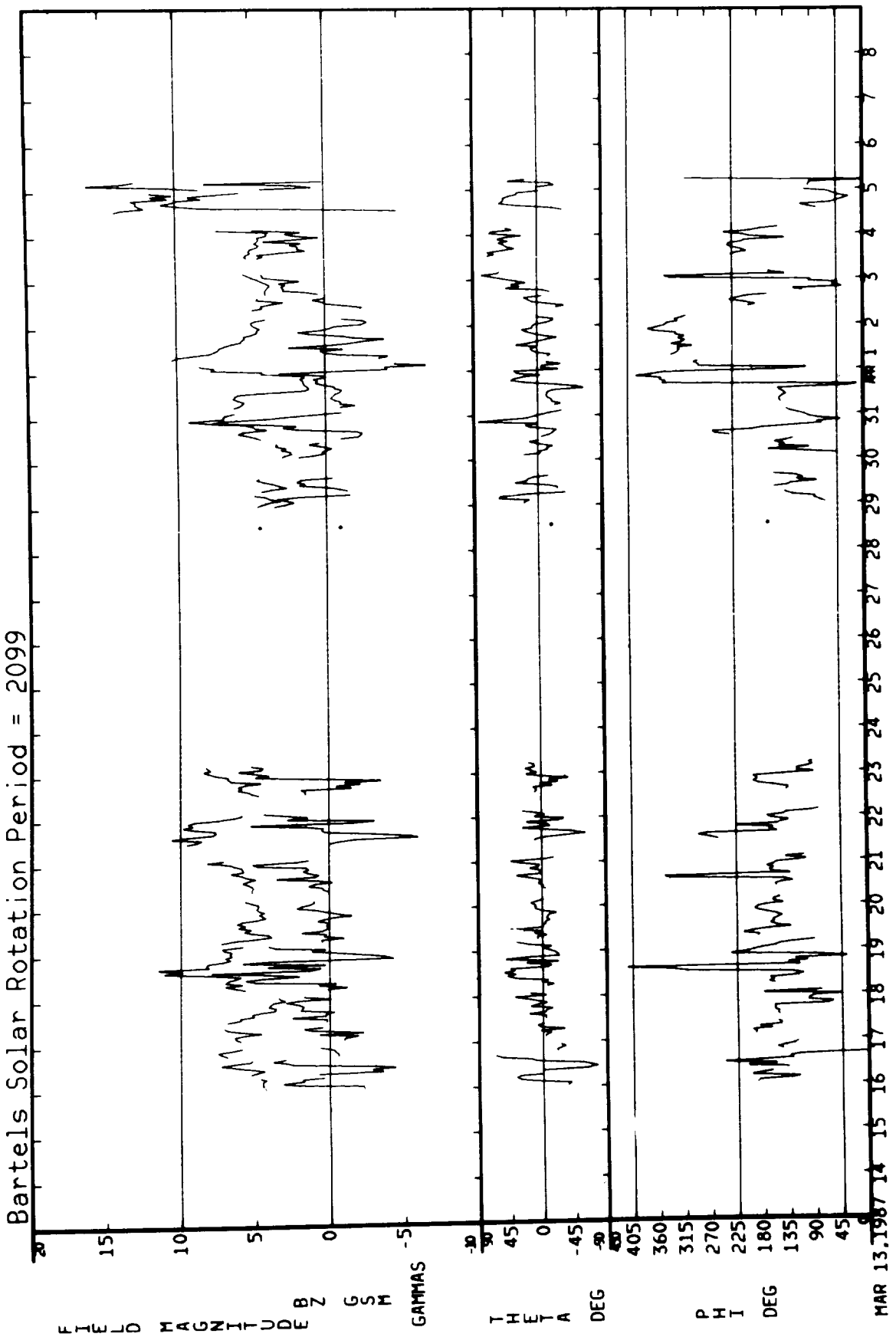
02/14/87 - 03/12/87

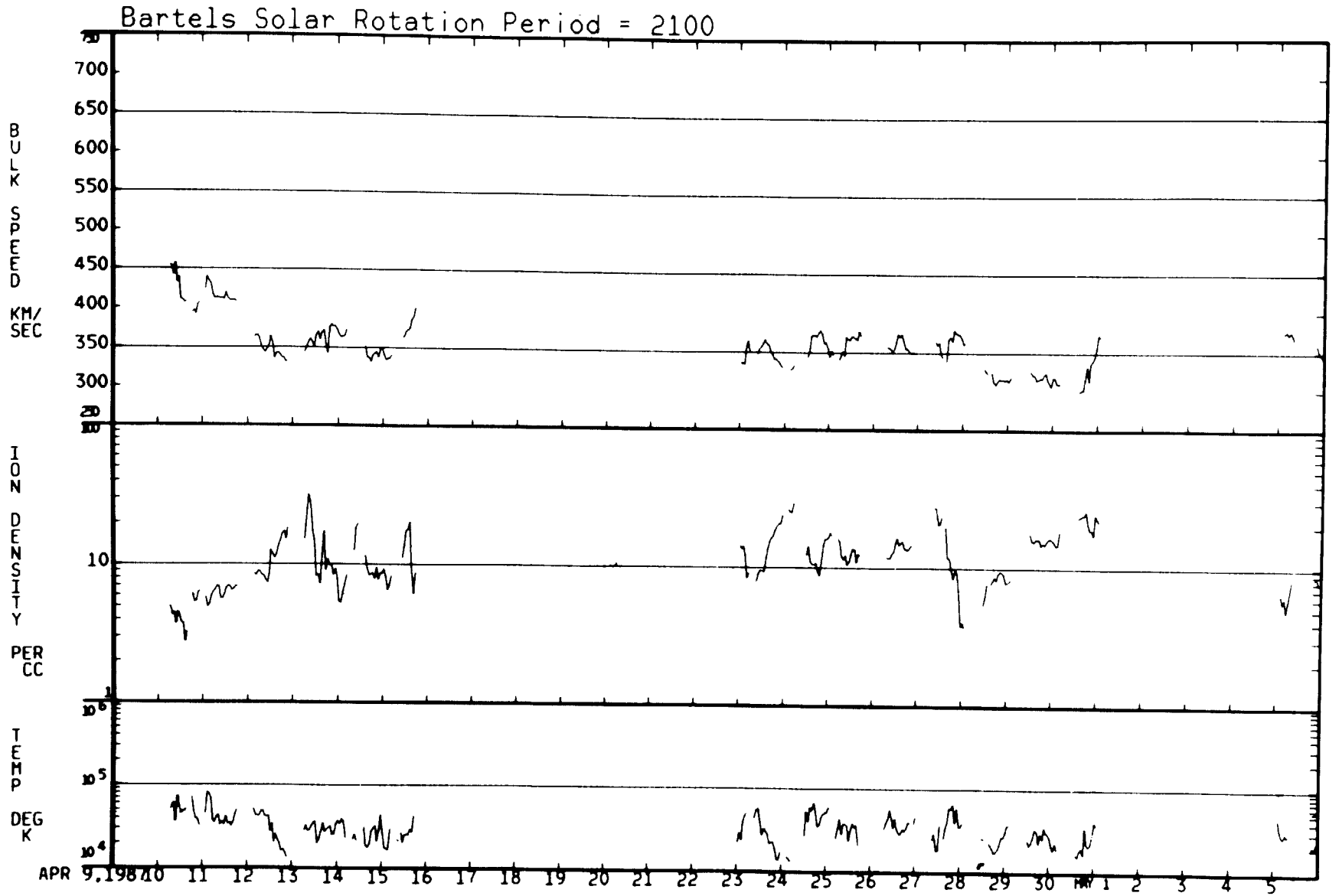


03/13/87 - 04/08/87



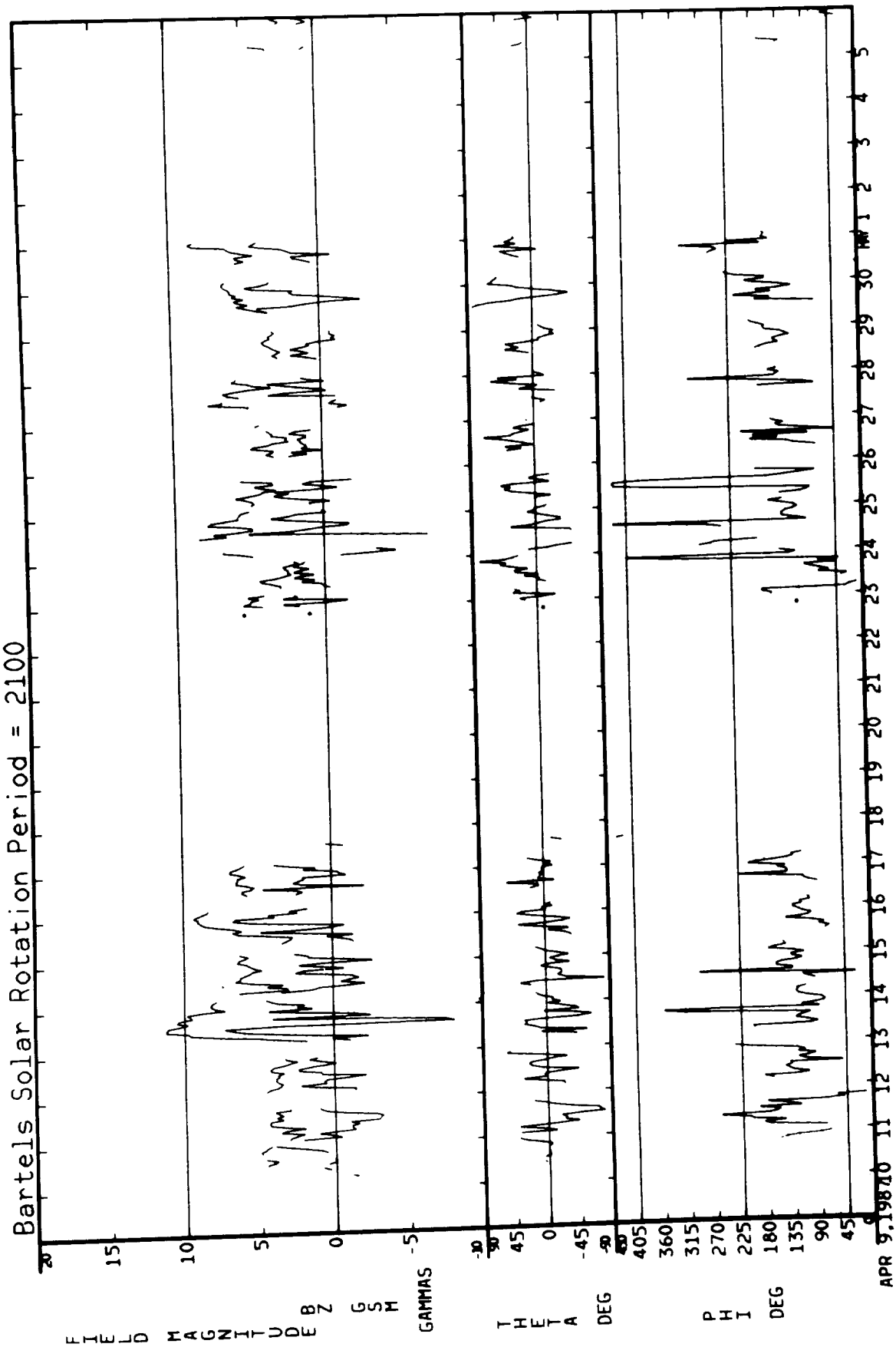
03/13/87 - 04/08/87



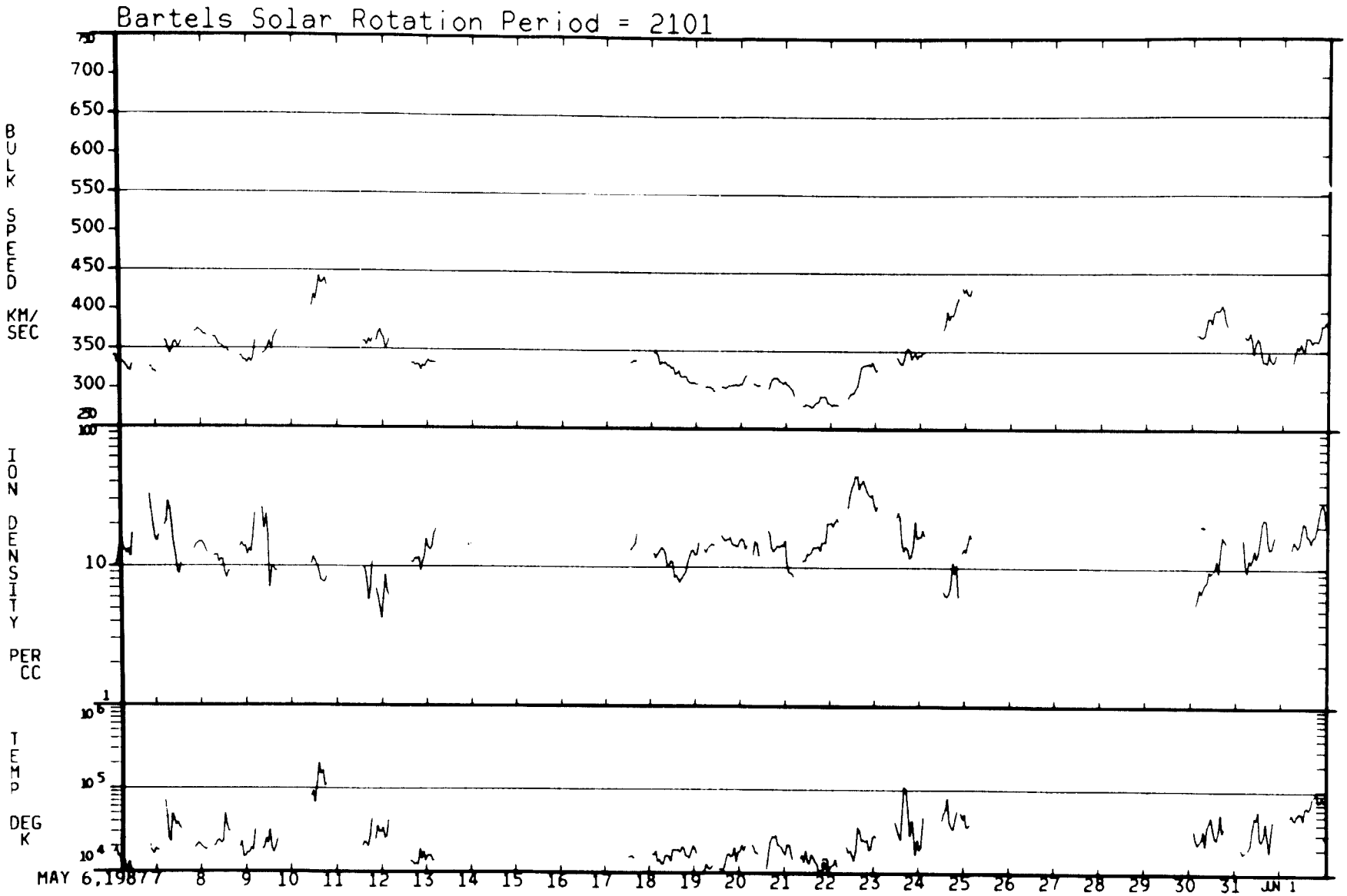


04/09/87 - 05/05/87

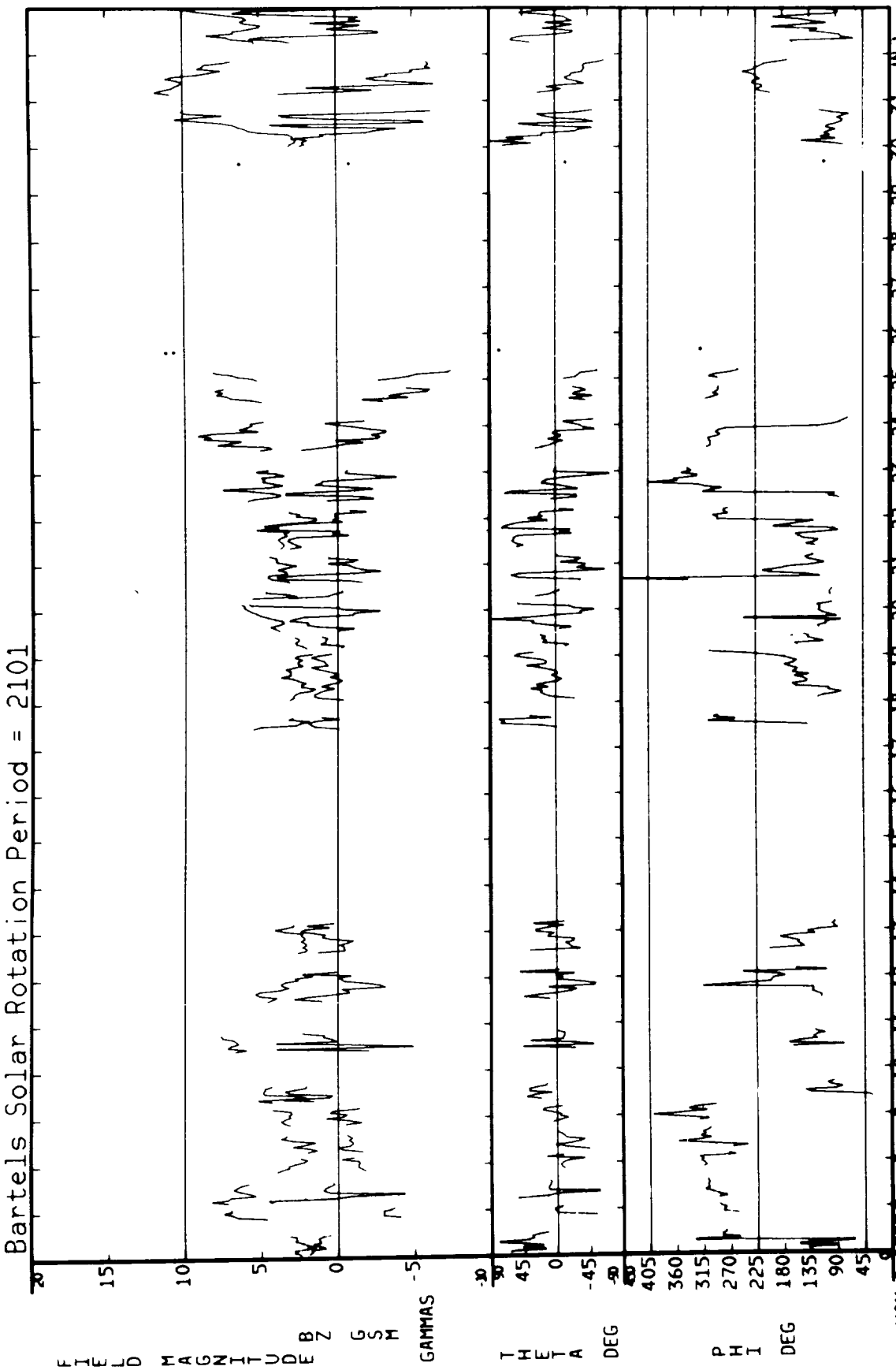
04/09/87 - 05/05/87



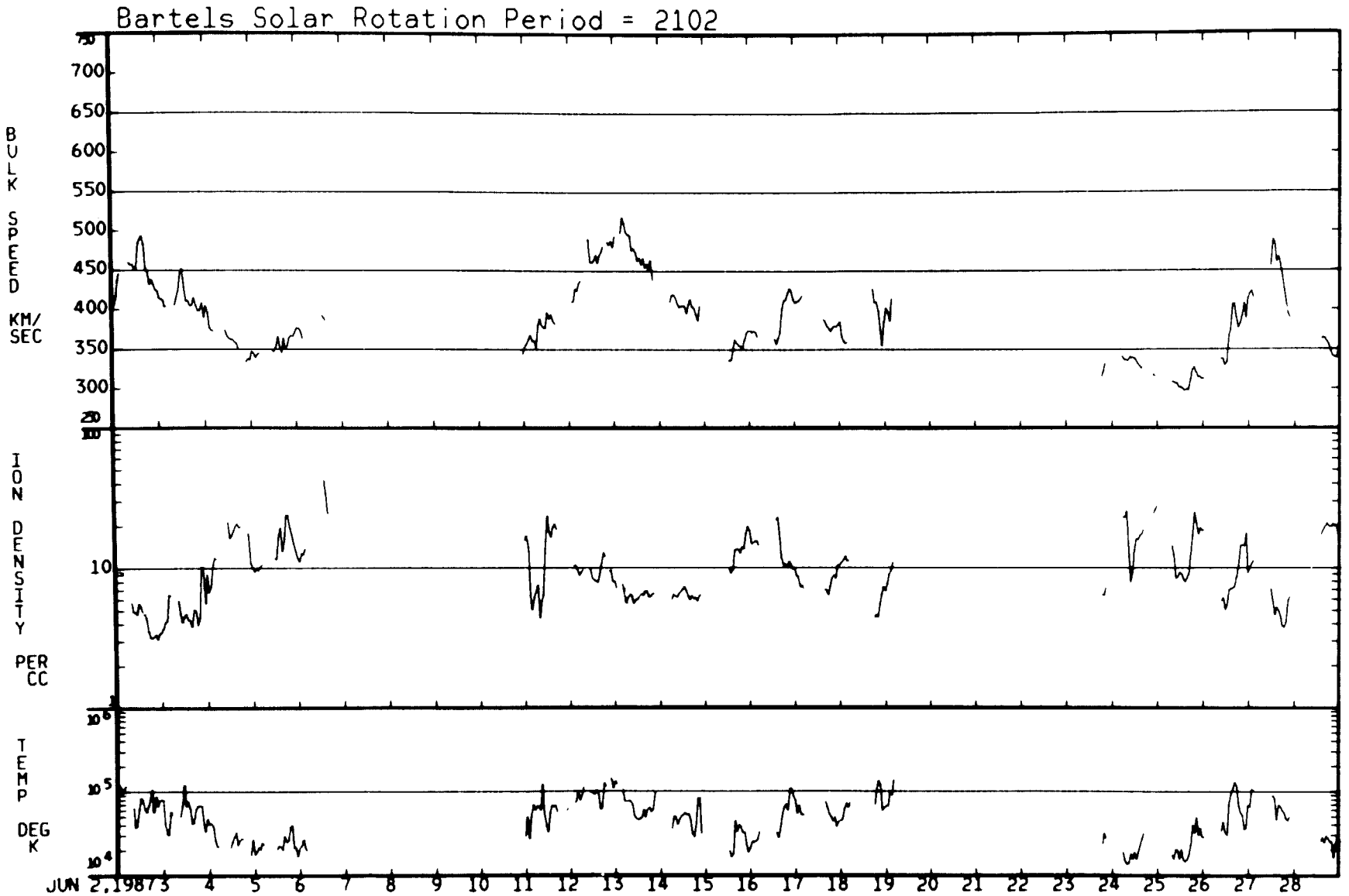
05/06/87 - 06/01/87

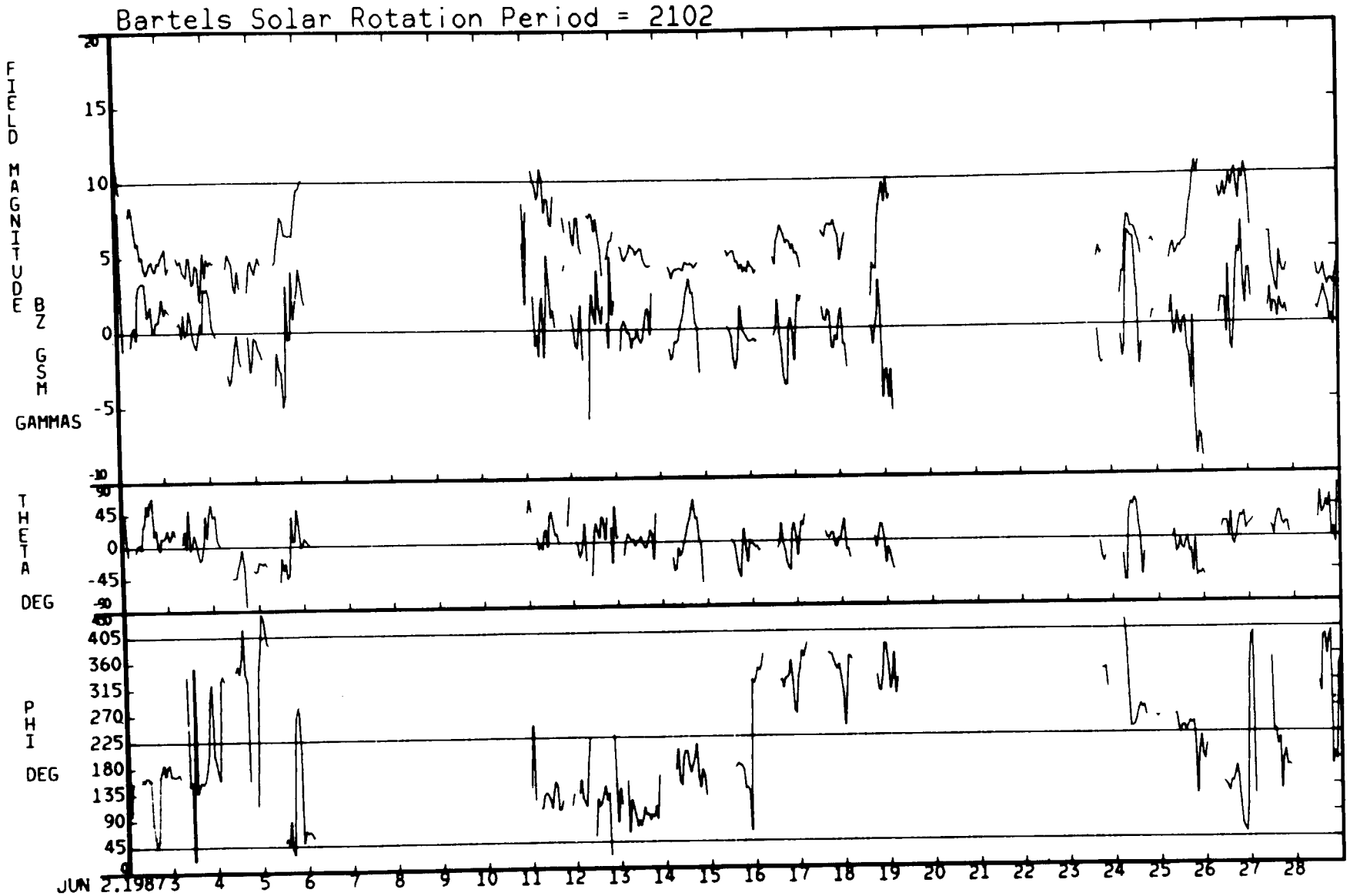


05/06/87 - 06/01/87

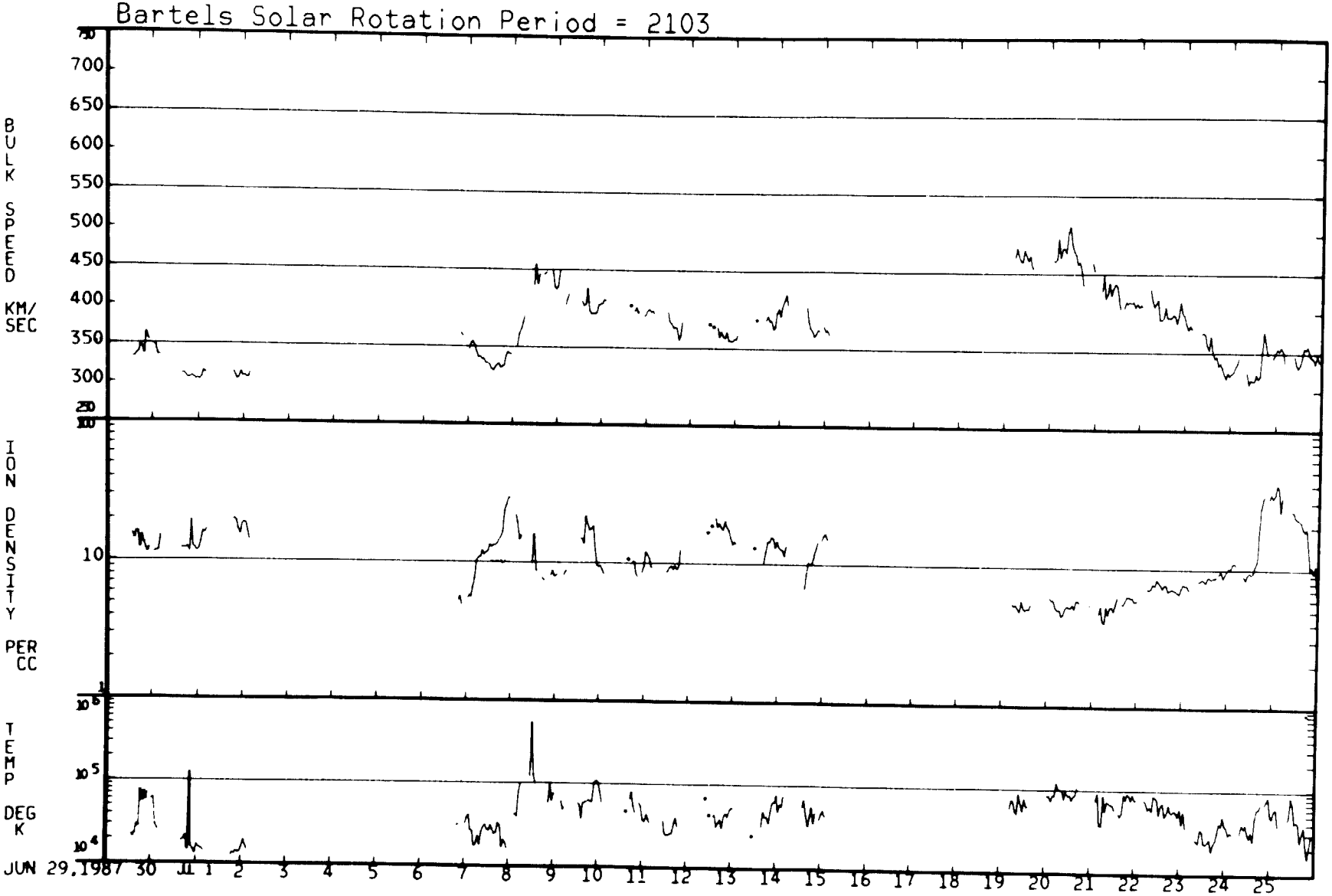


06/02/87 - 06/28/87



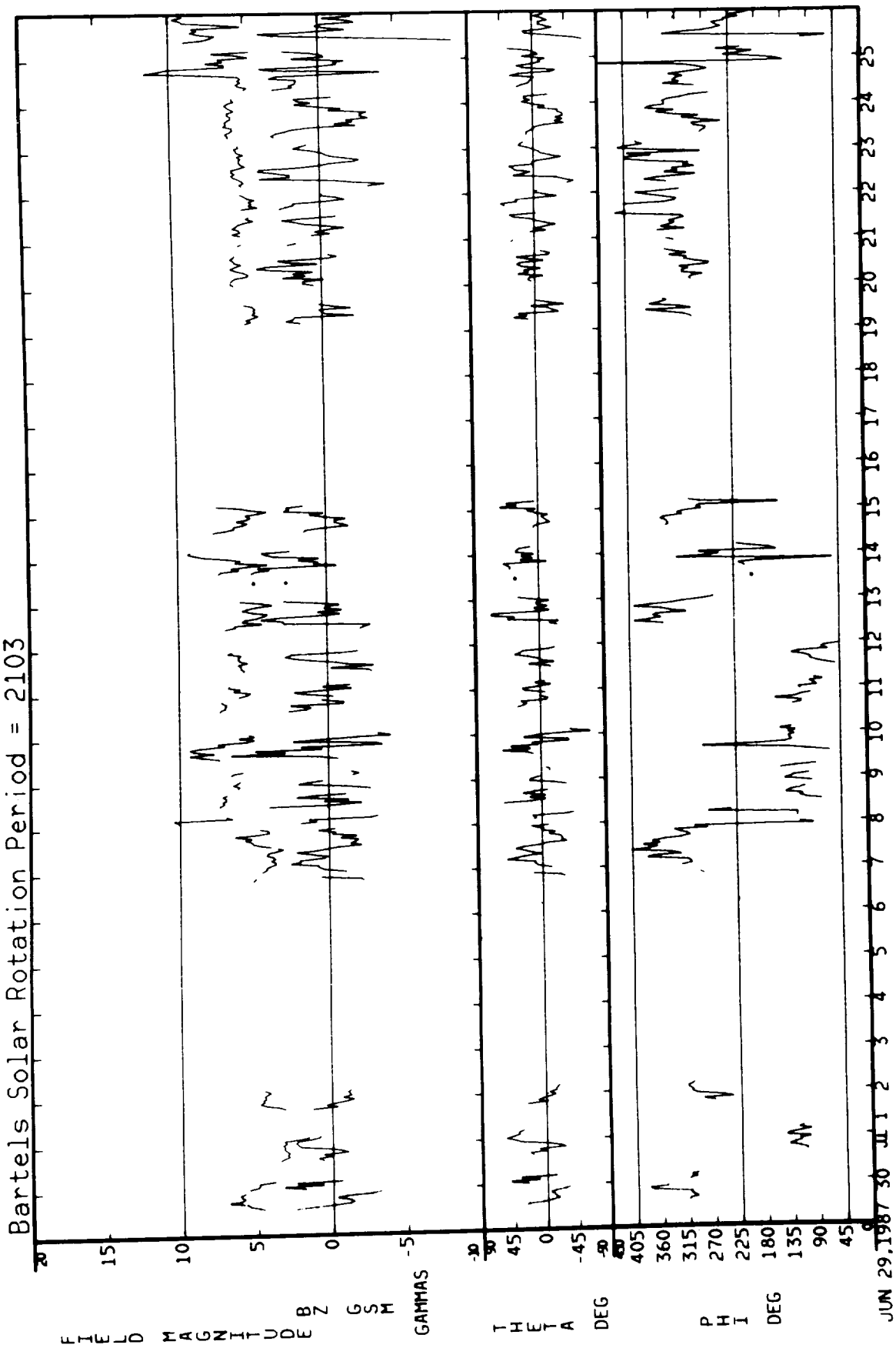


06/02/87 - 06/28/87

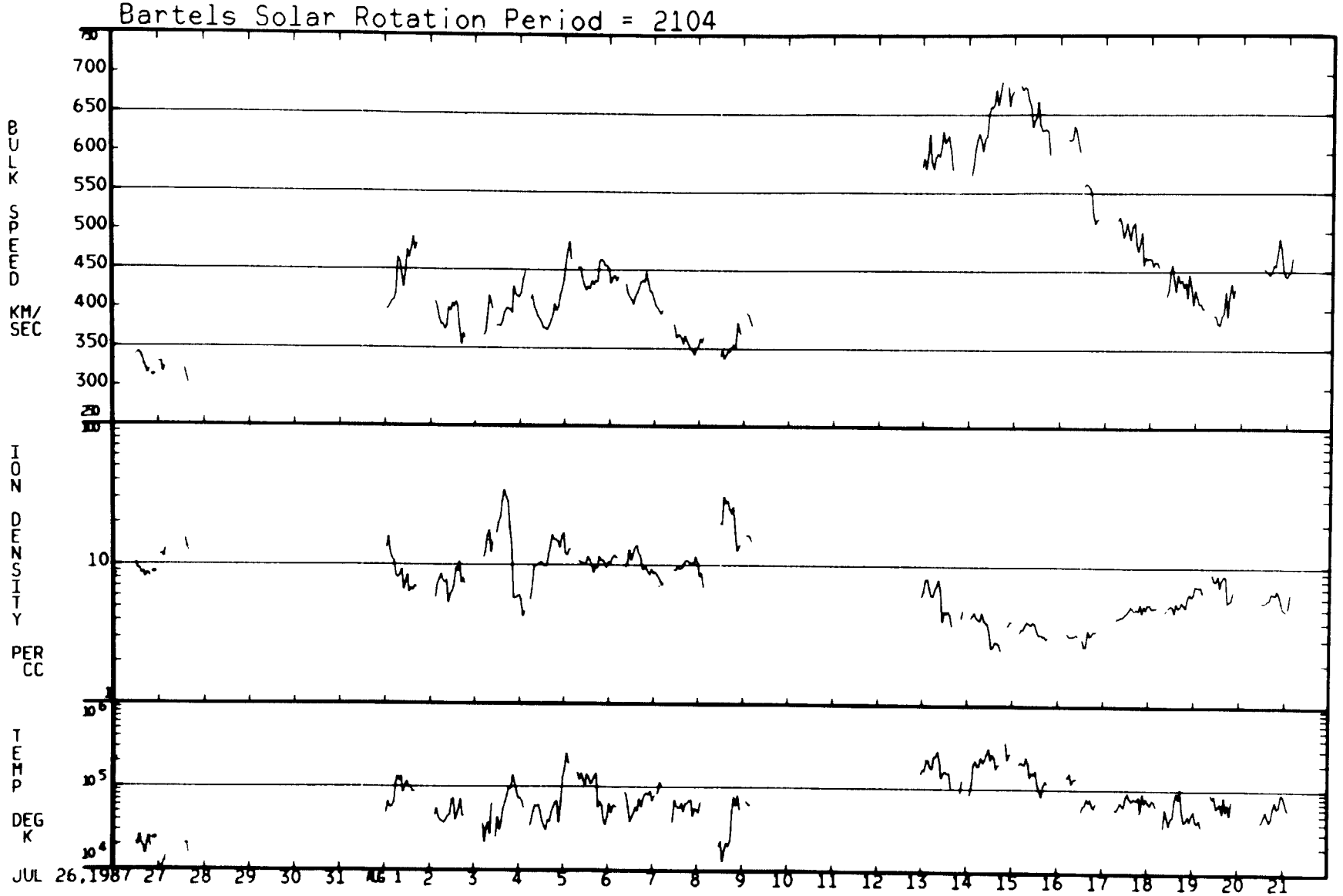


06/29/87 - 07/25/87

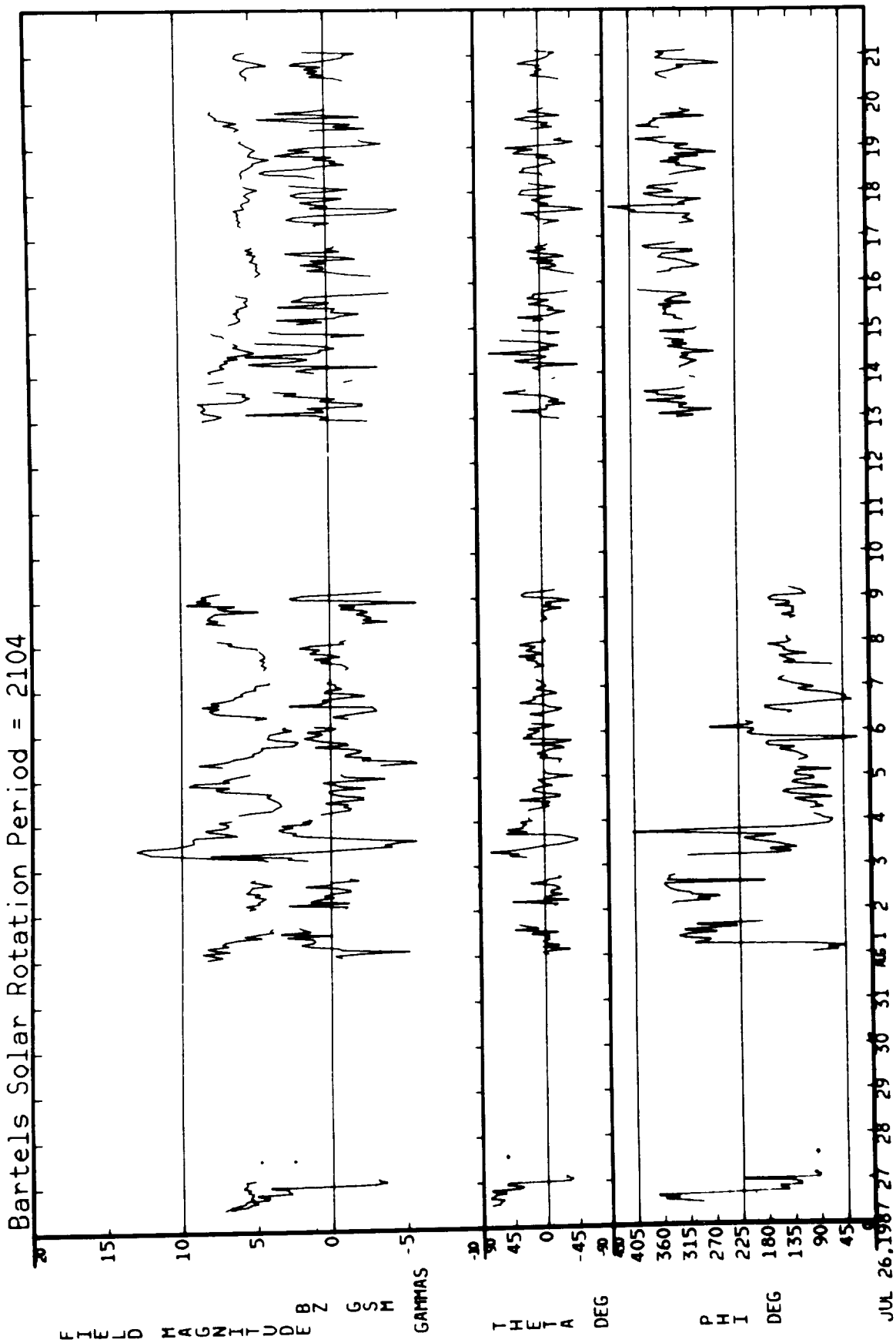
06/29/87 - 07/25/87

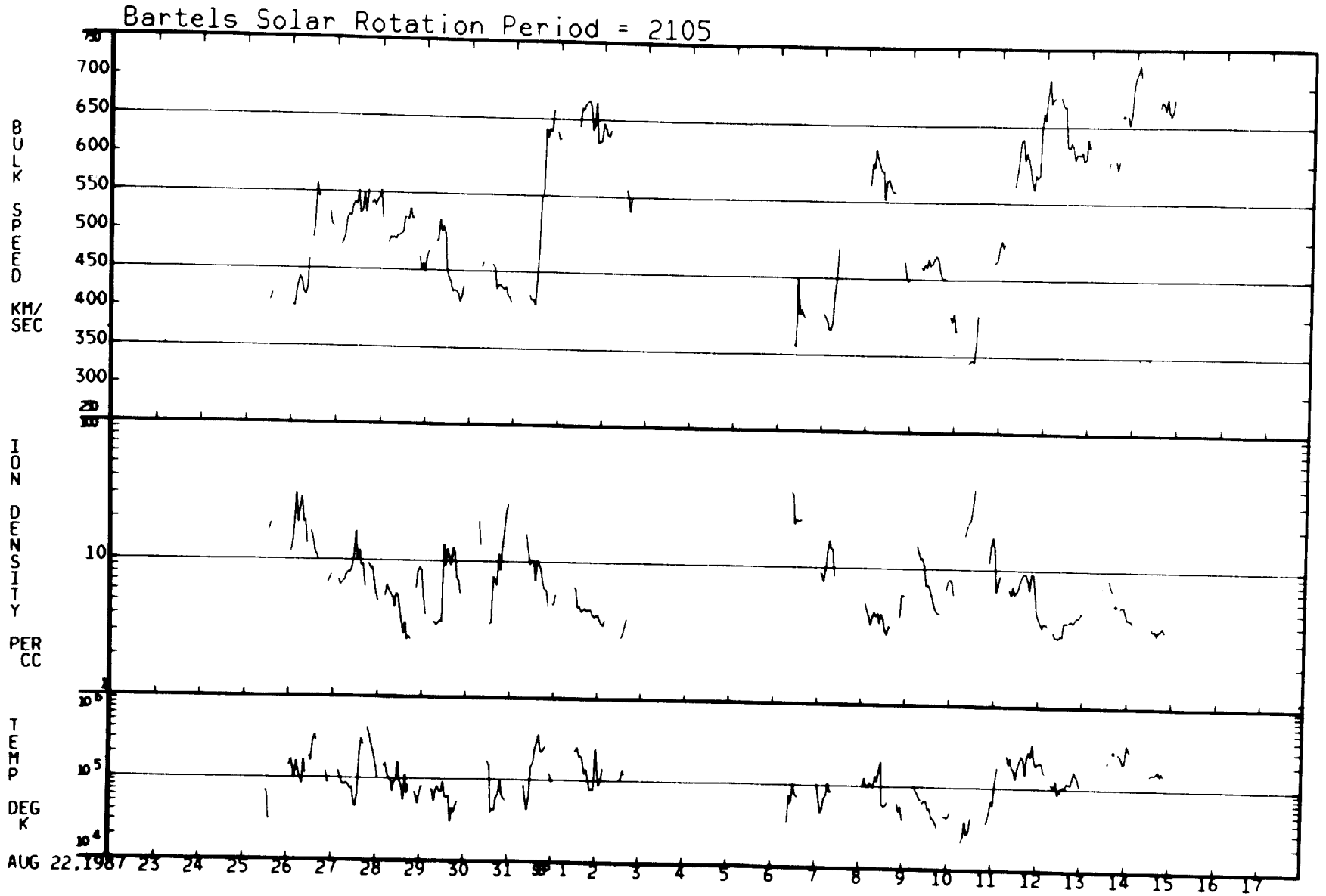


07/26/87 - 08/21/87

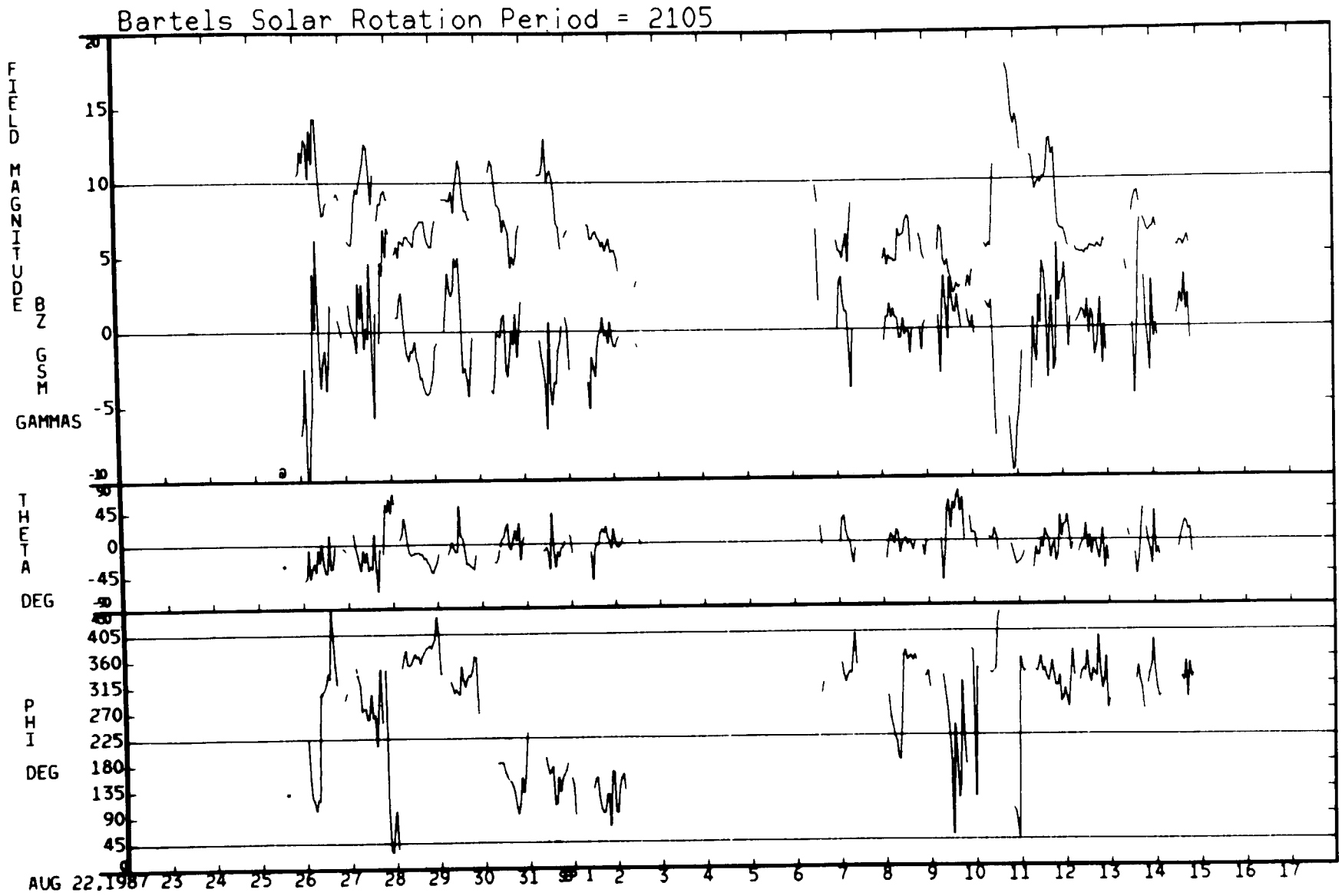


07/26/87 - 08/21/87



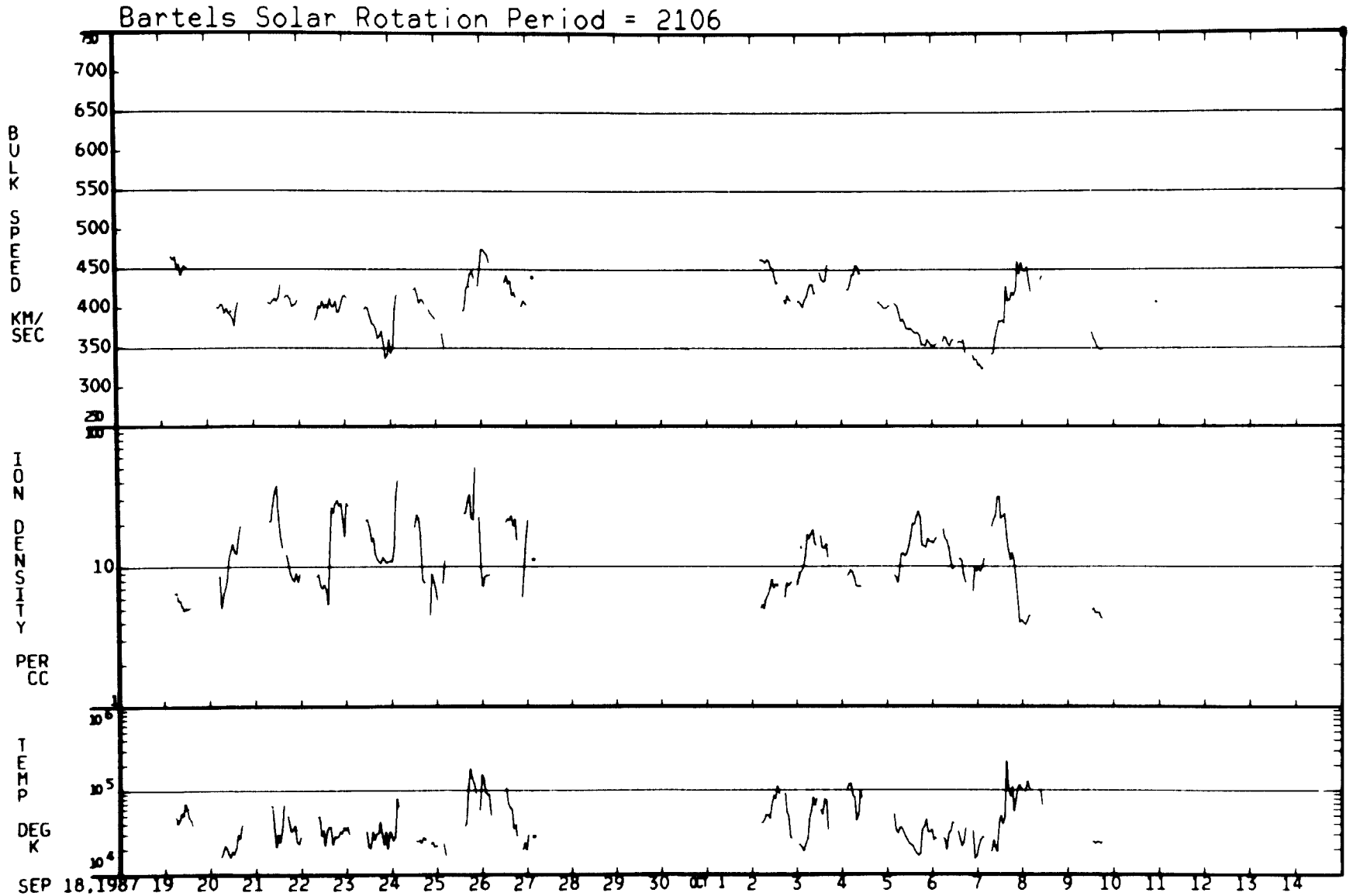


08/22/87 - 09/17/87



08/22/87 - 09/17/87

09/18/87 - 10/14/87



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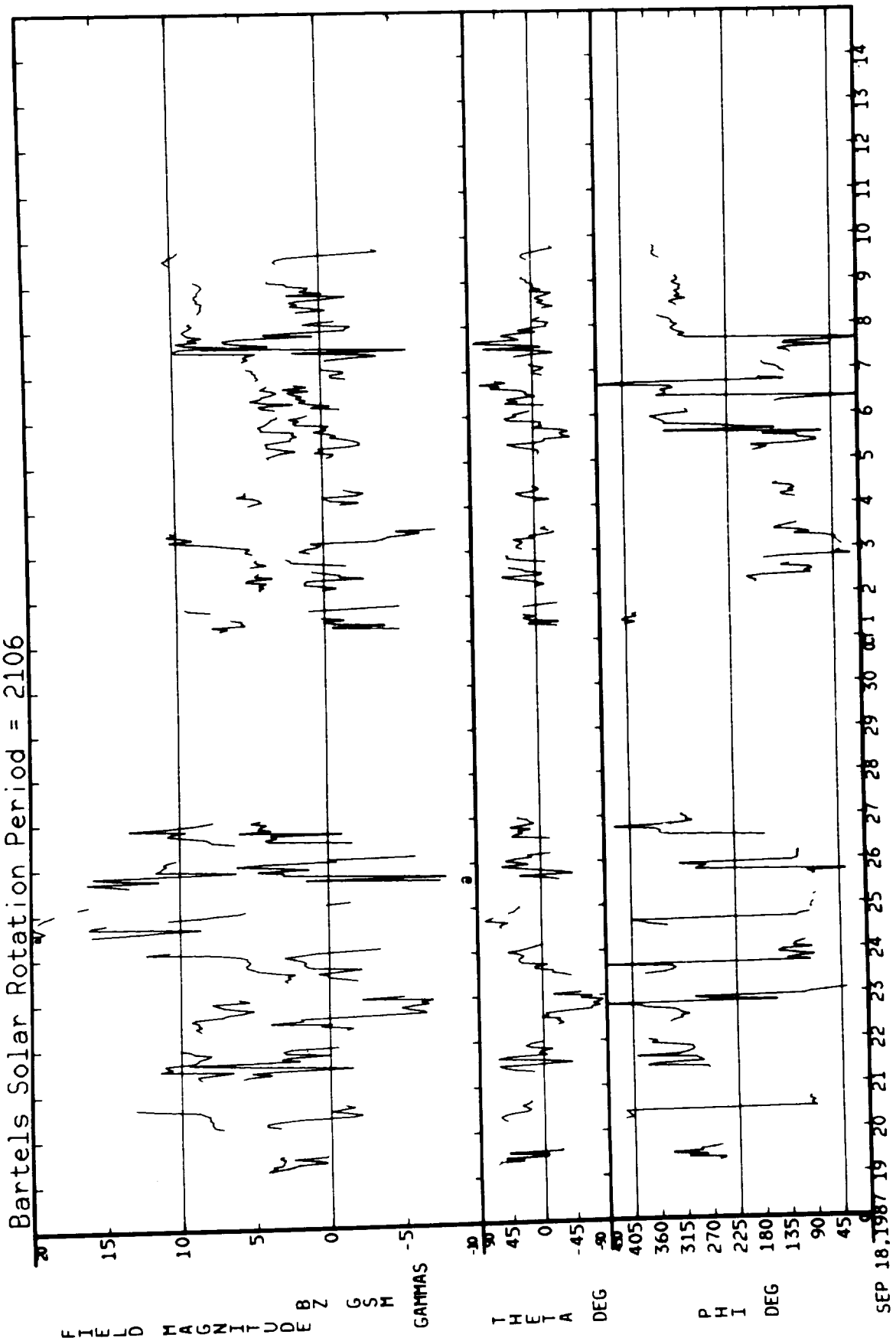
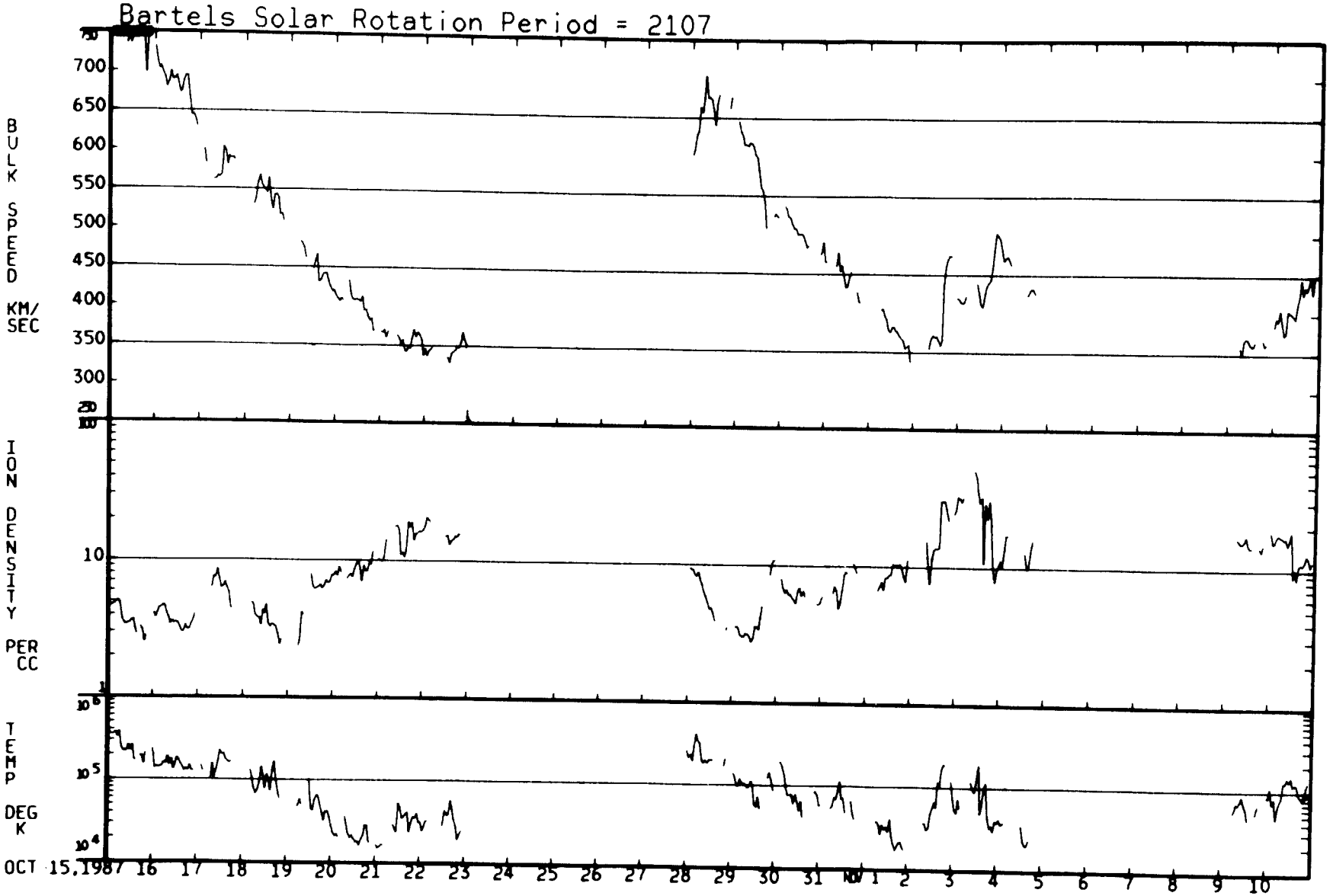


10/15/87 - 11/10/87



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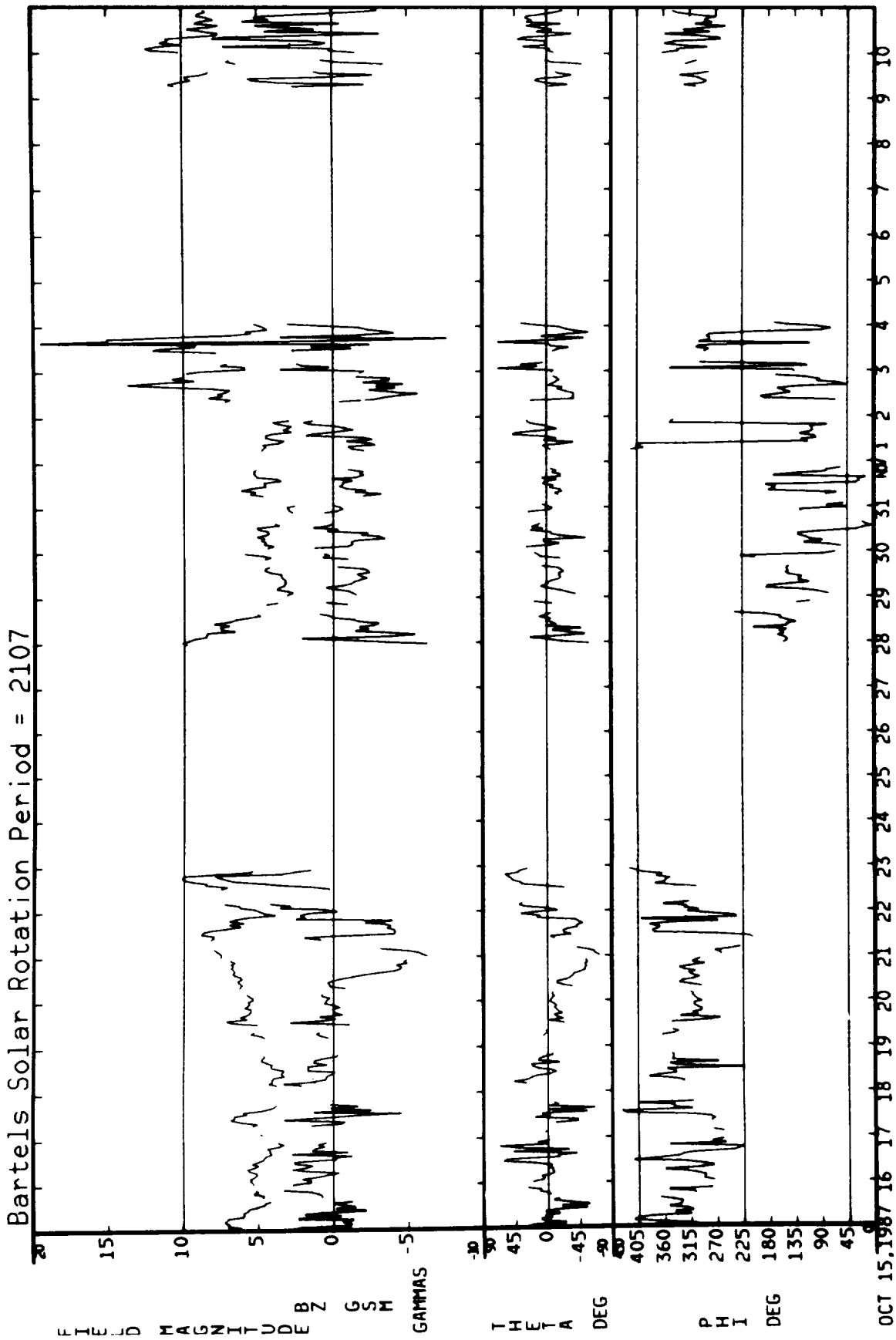
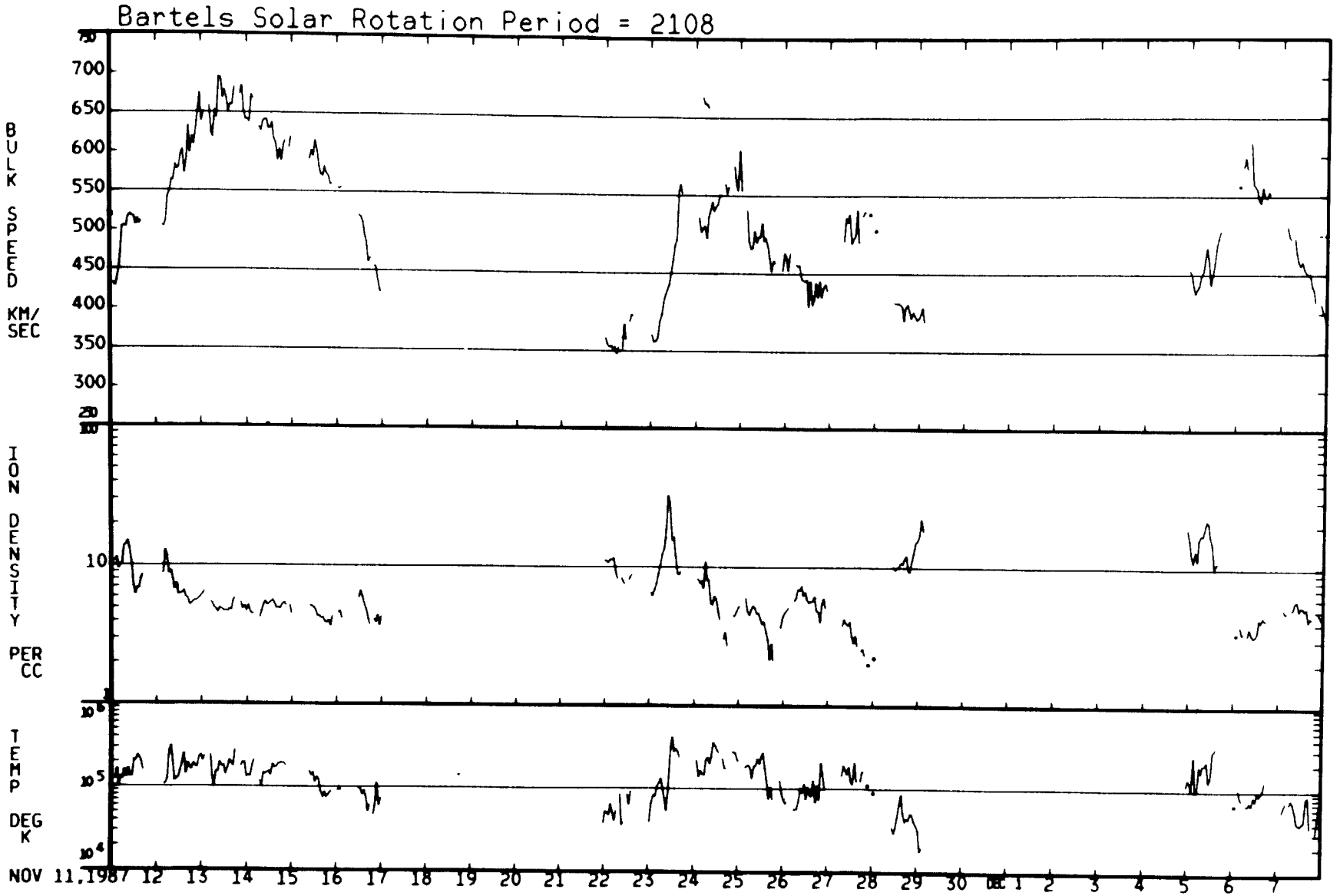
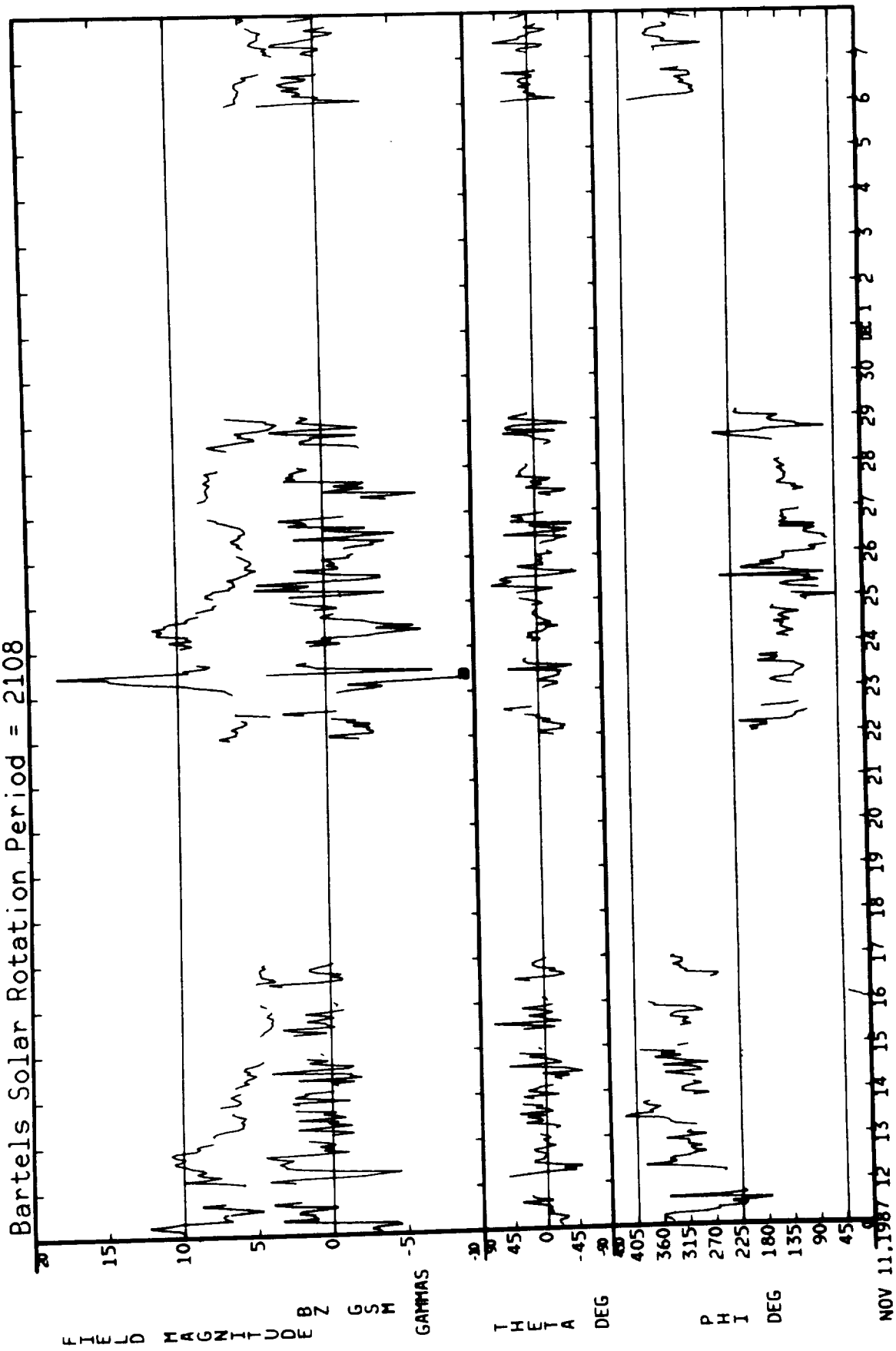


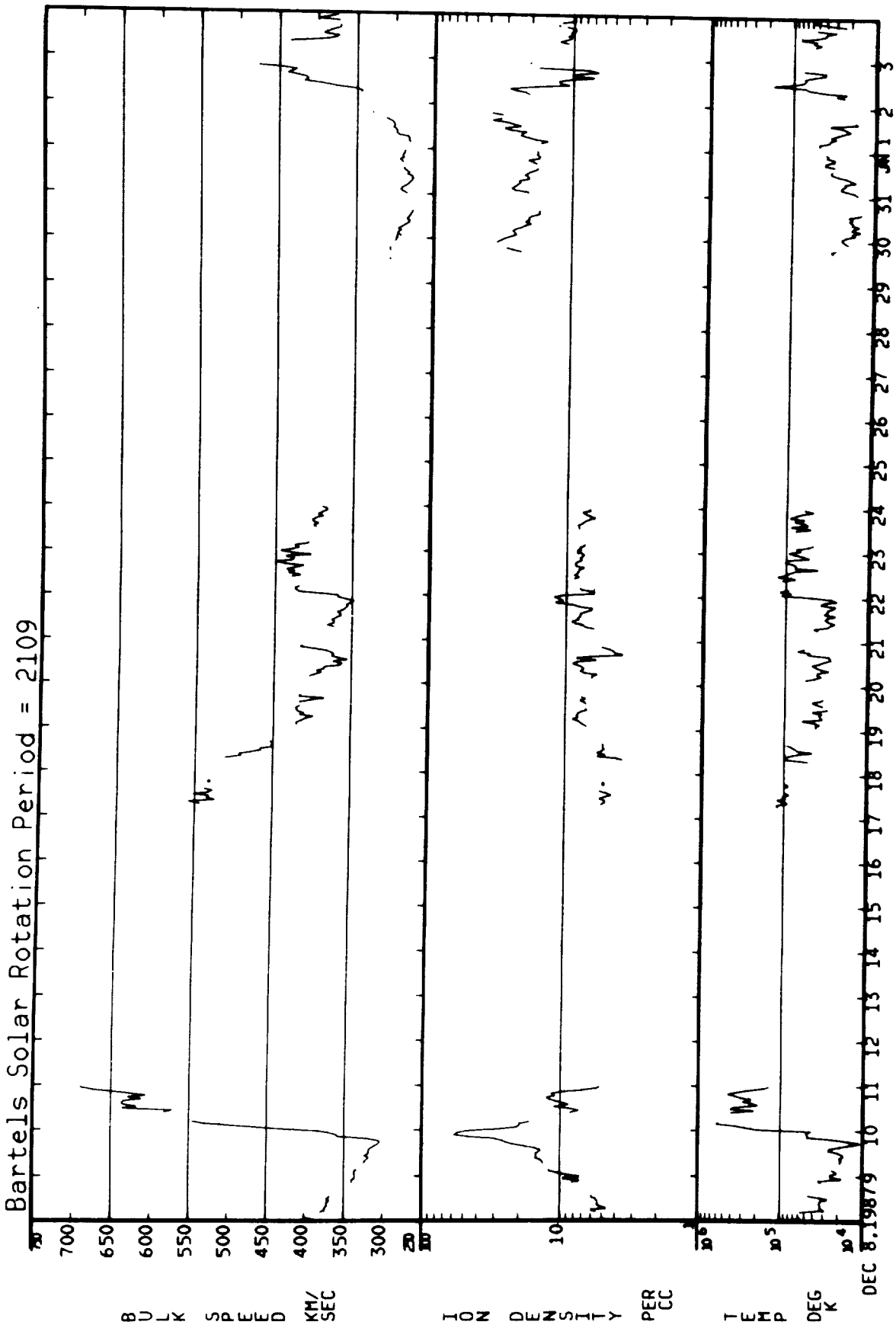
11/11/87 - 12/07/87



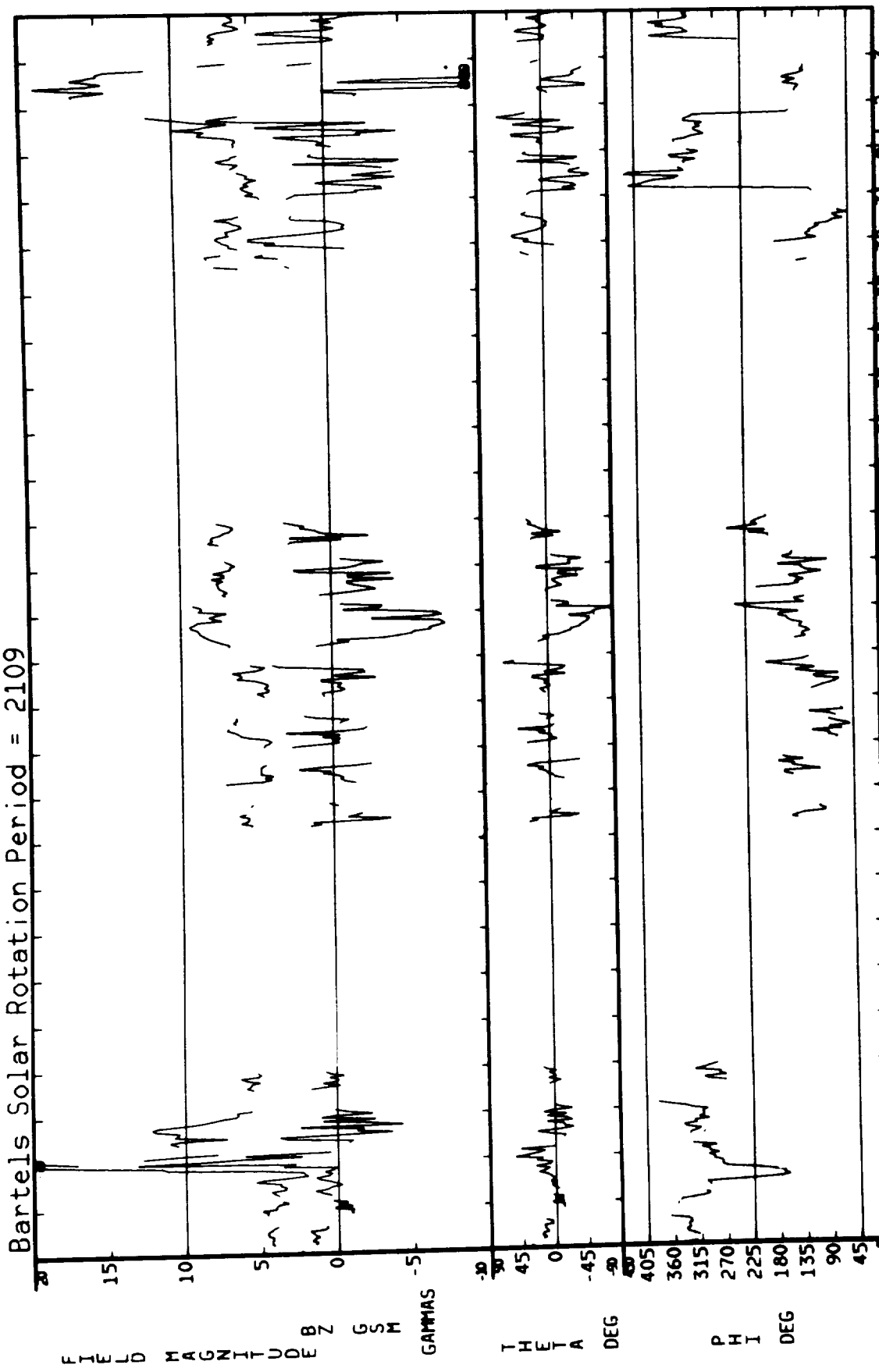
11/11/87 - 12/07/87

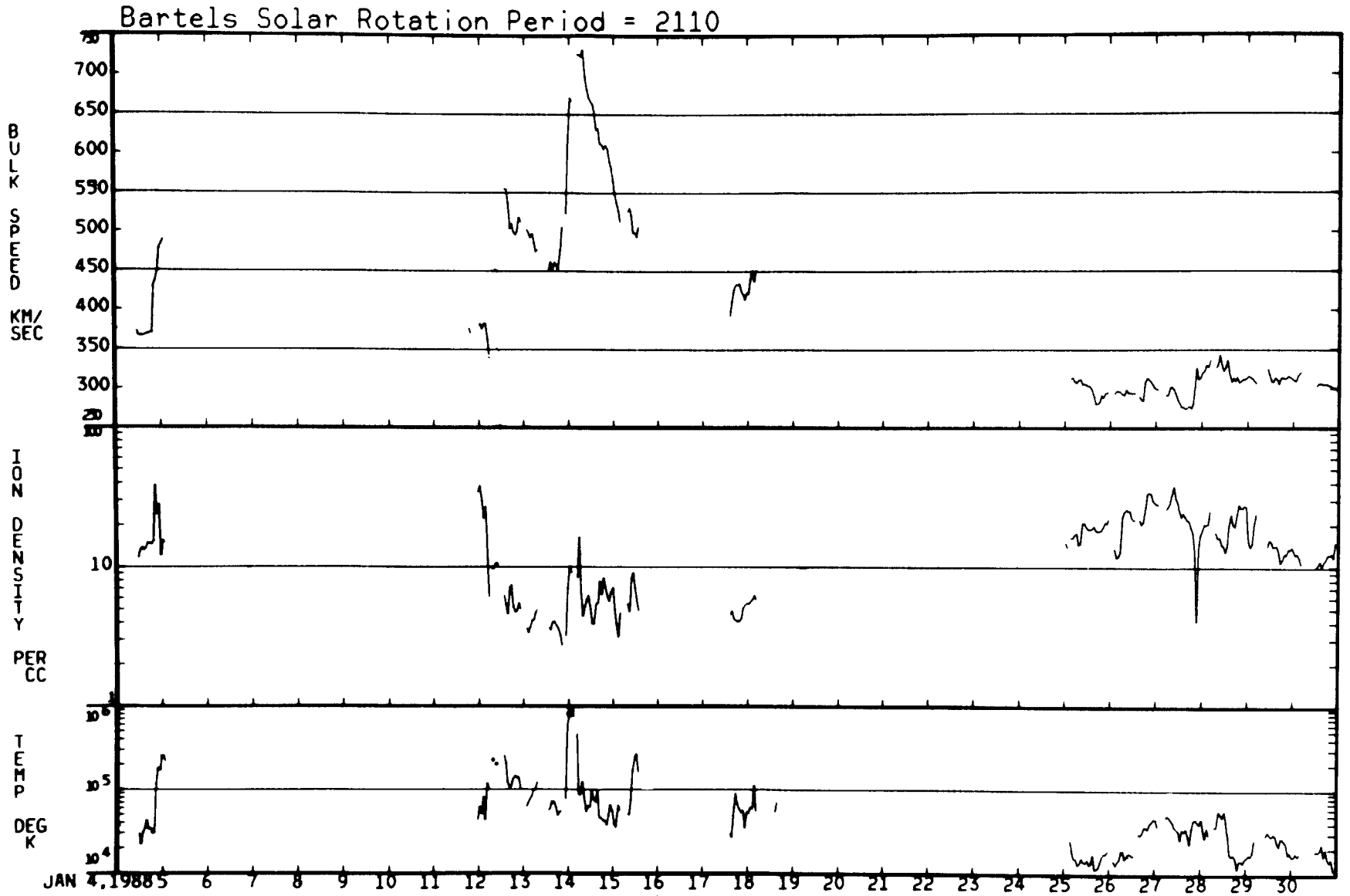


12/08/87 - 01/03/88



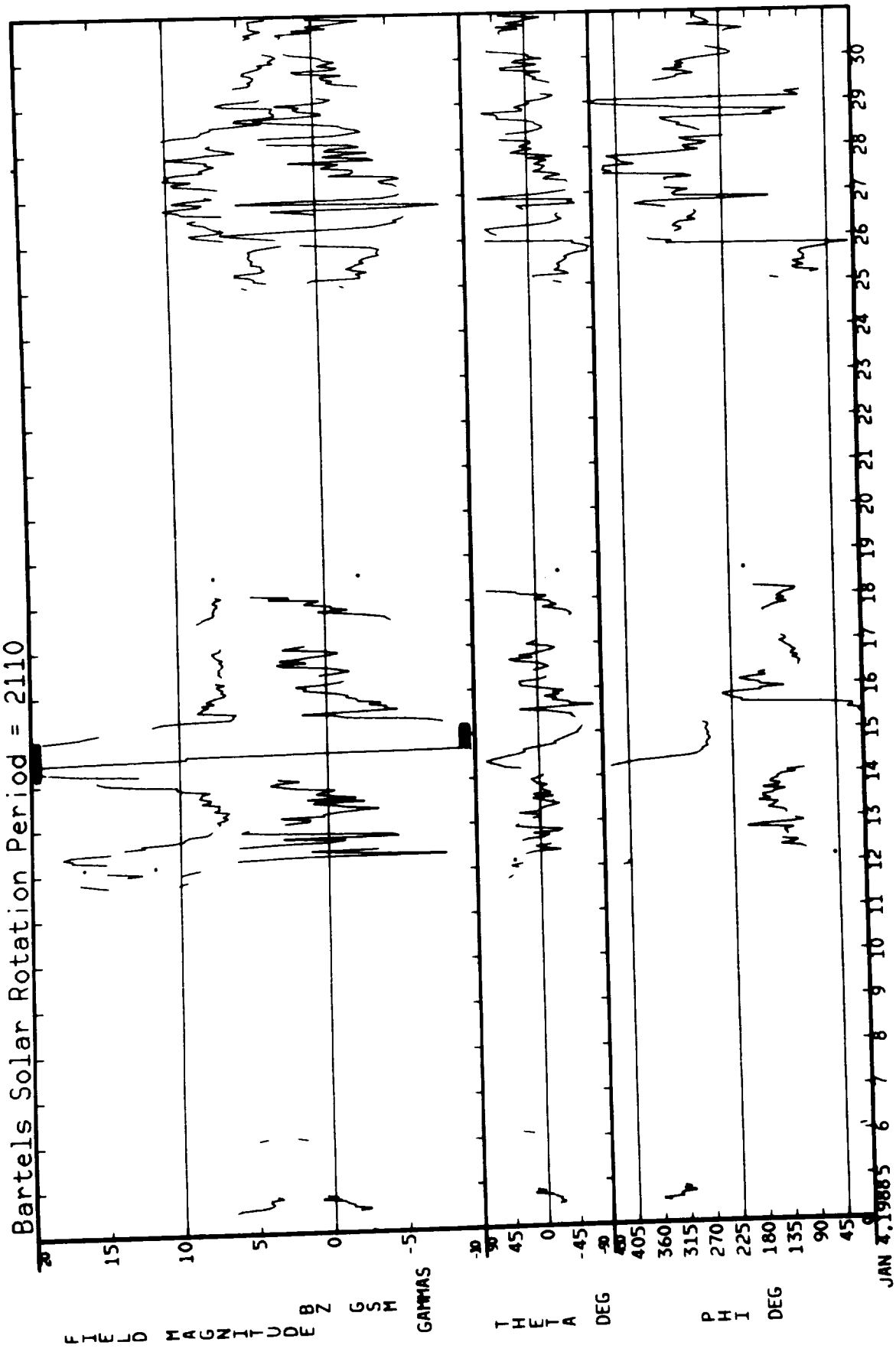
12/08/87 - 01/03/88

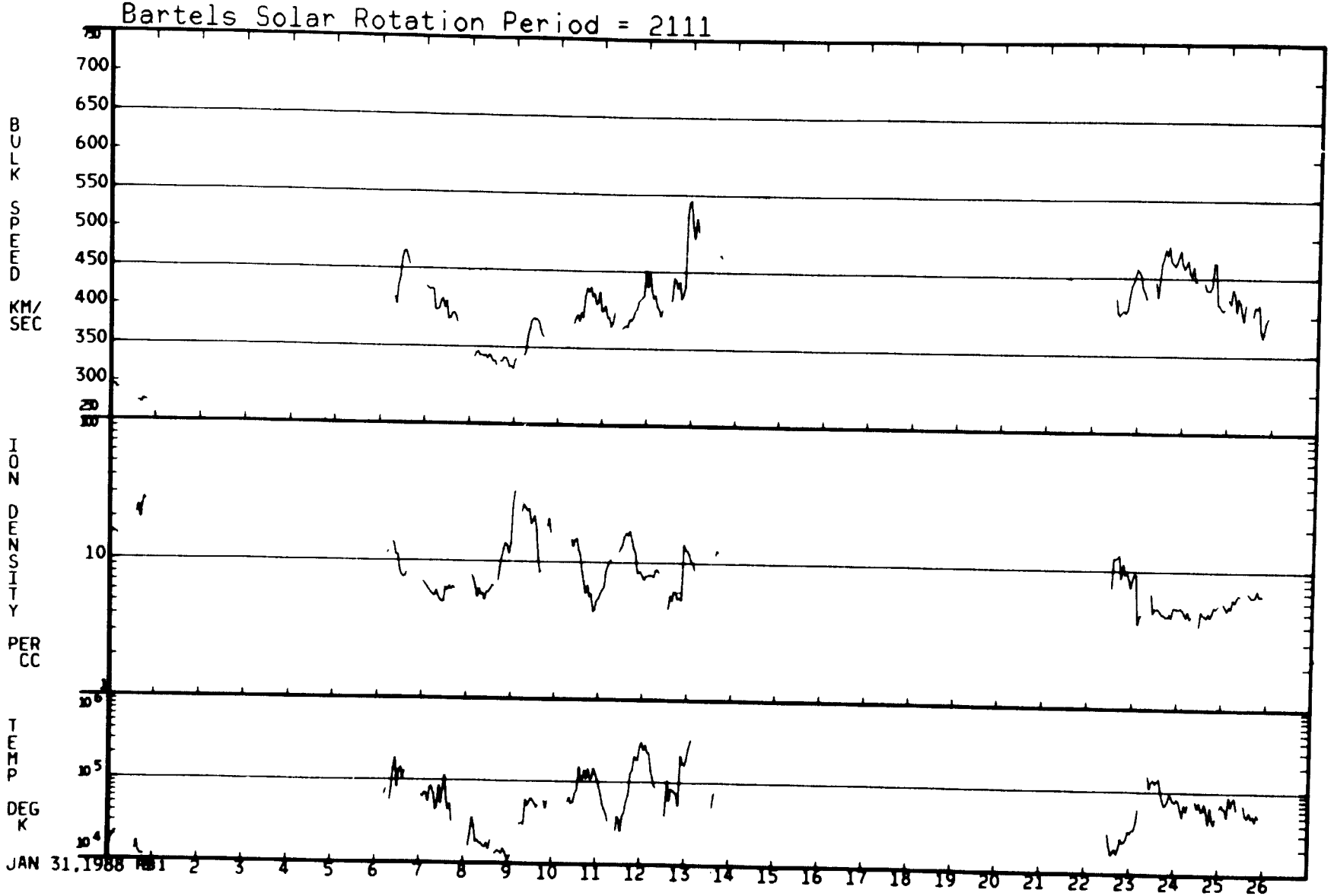




01/04/88 - 01/30/88

01/04/88 - 01/30/88

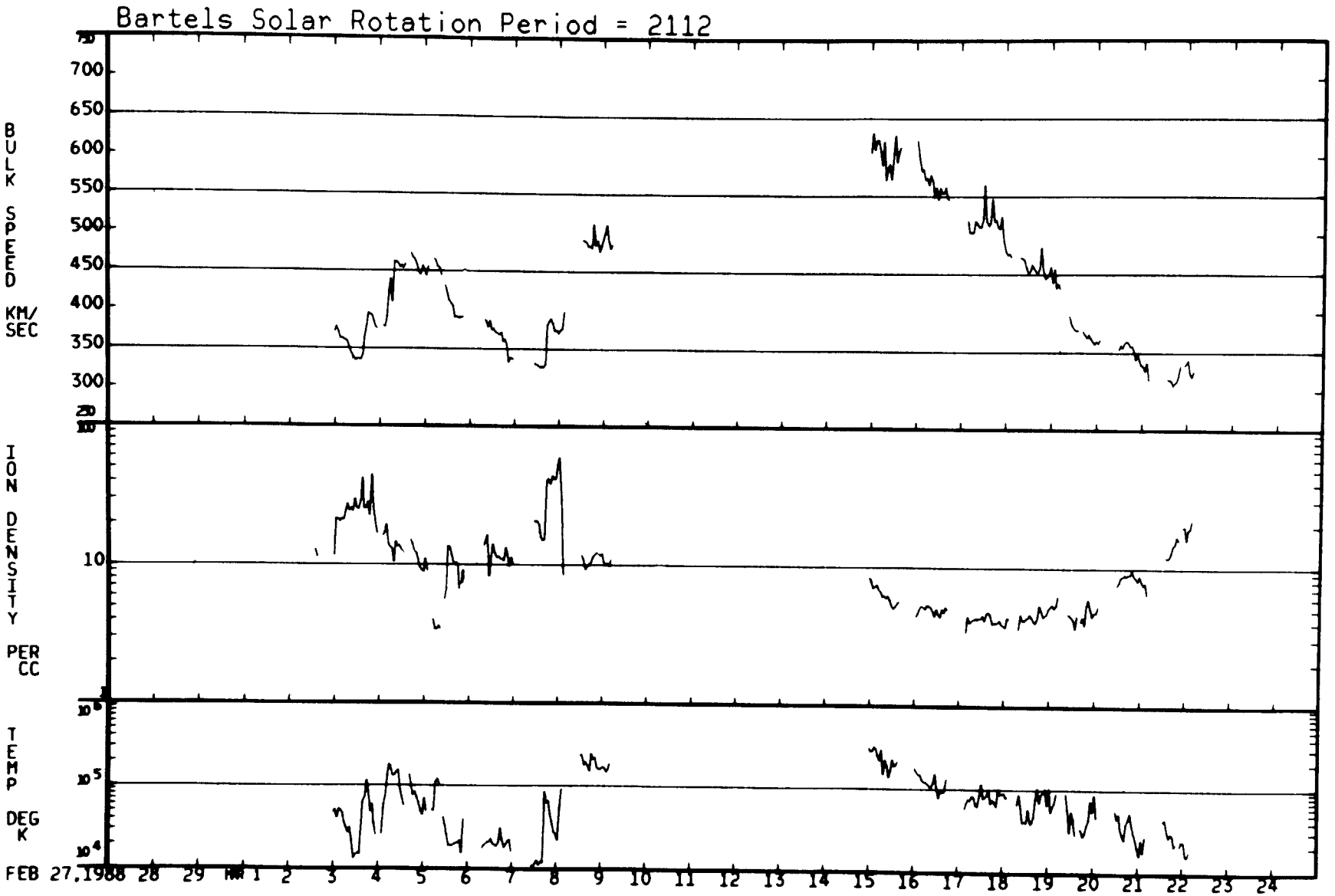


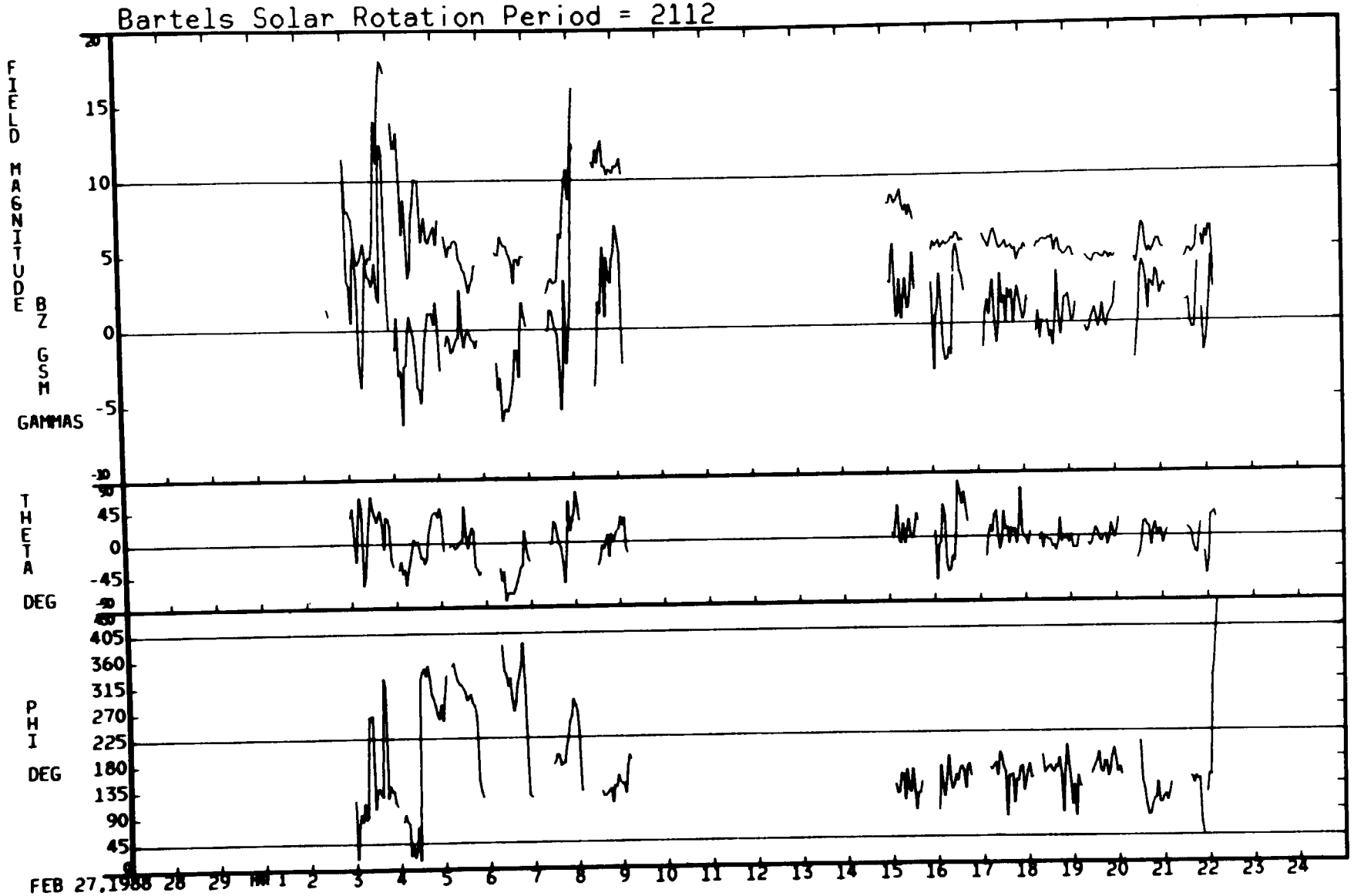


01/31/88 - 02/26/88

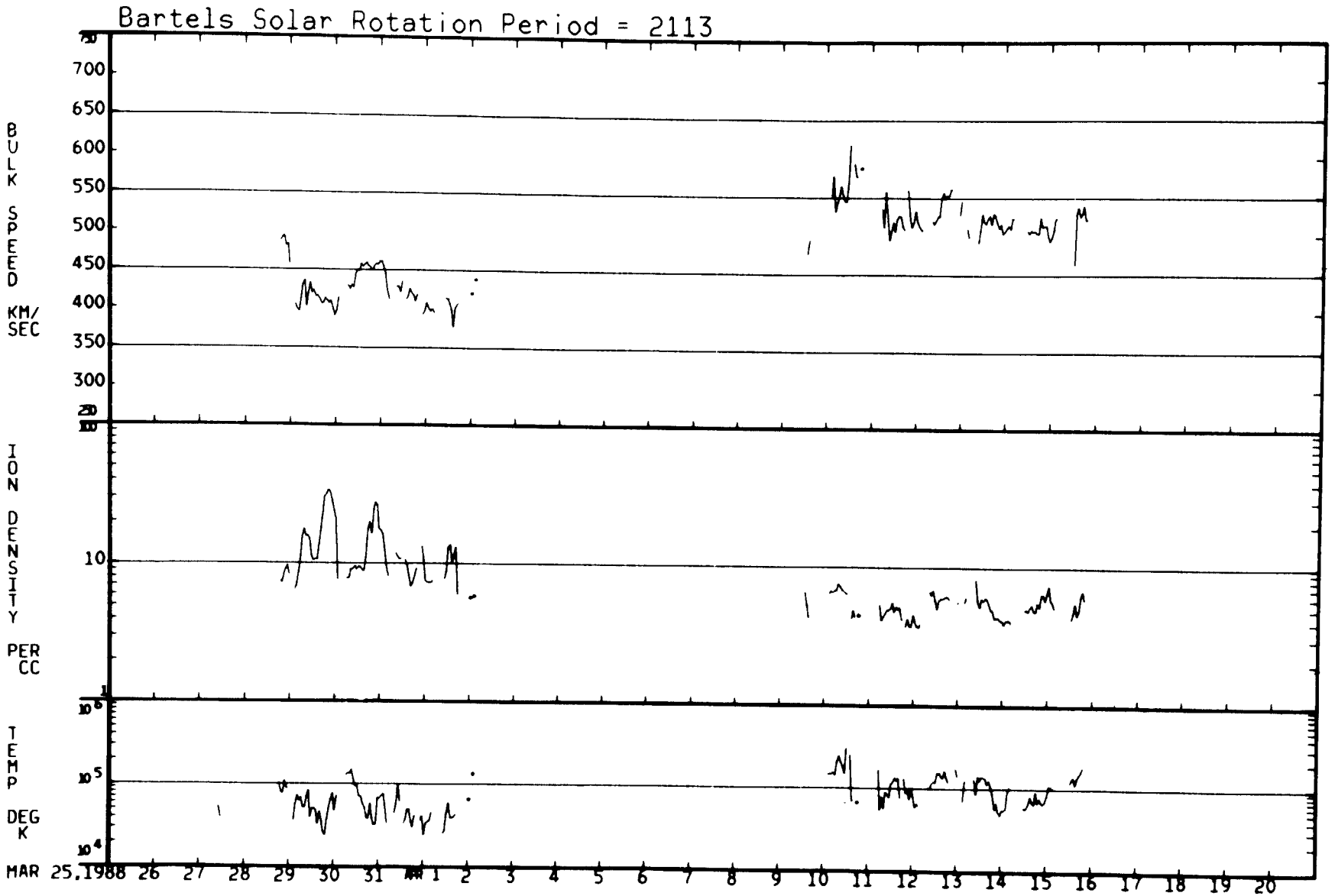
01/31/88 - 02/26/88

02/27/88 - 03/24/88



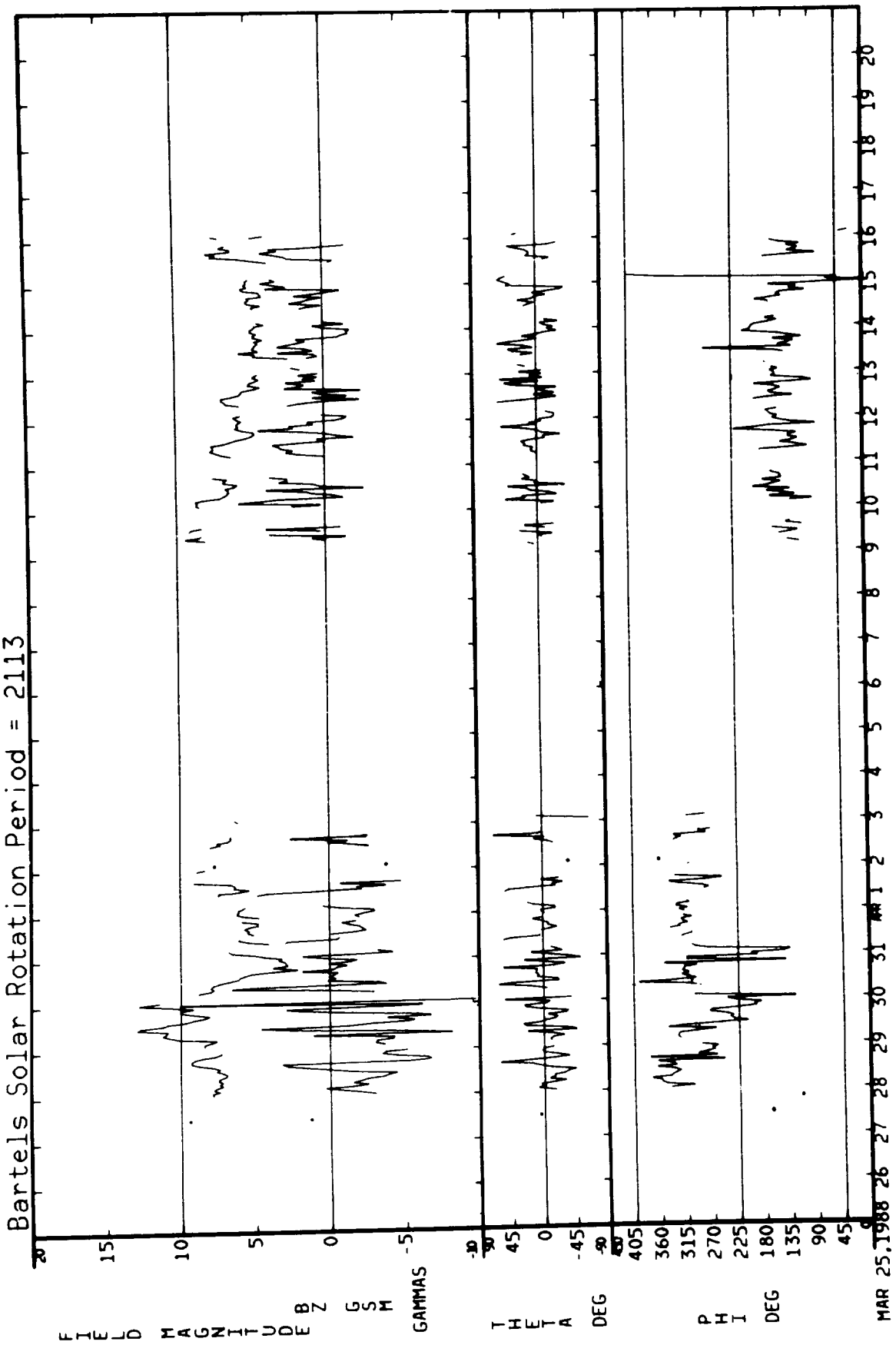


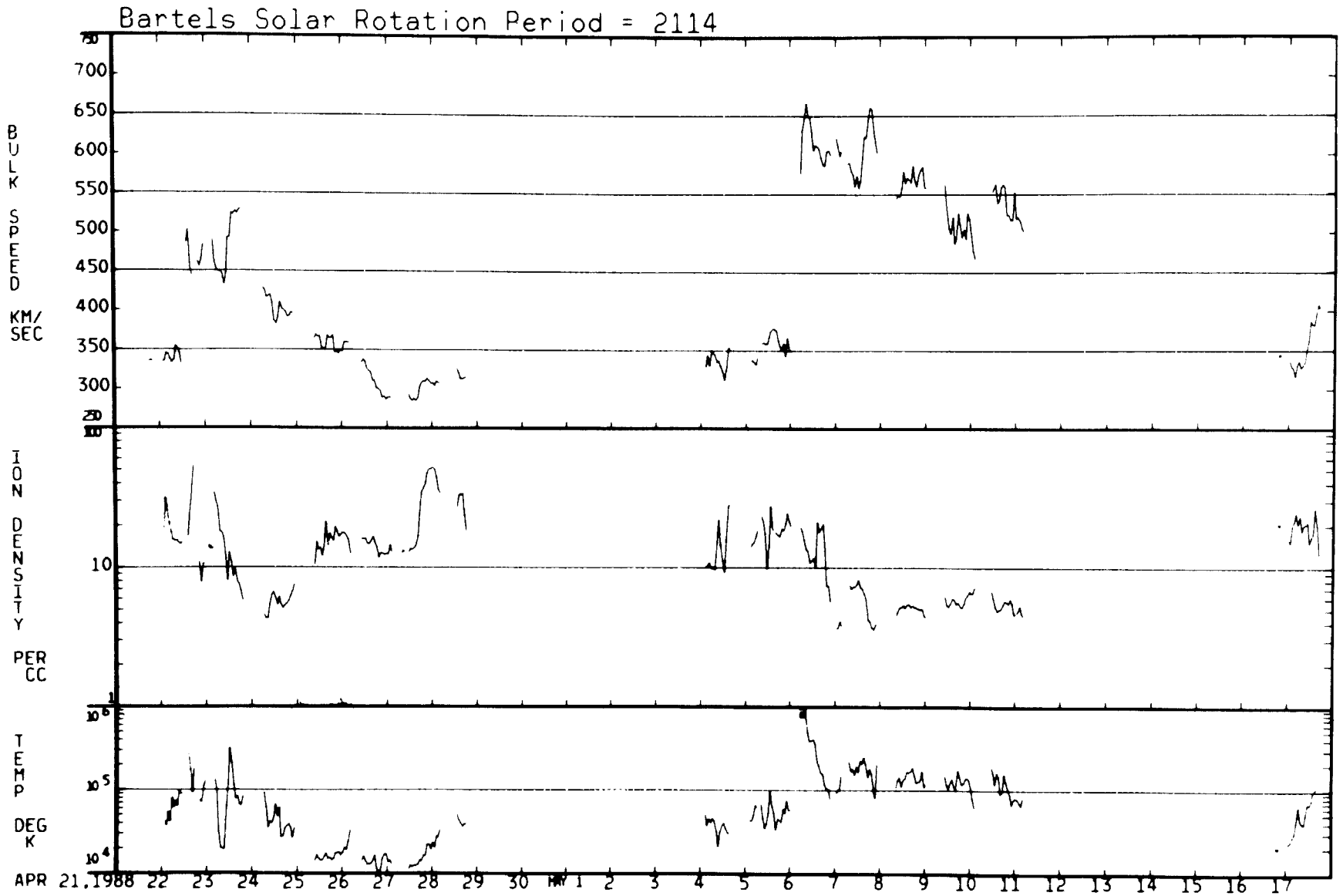
02/27/88 - 03/24/88



03/25/88 - 04/20/88

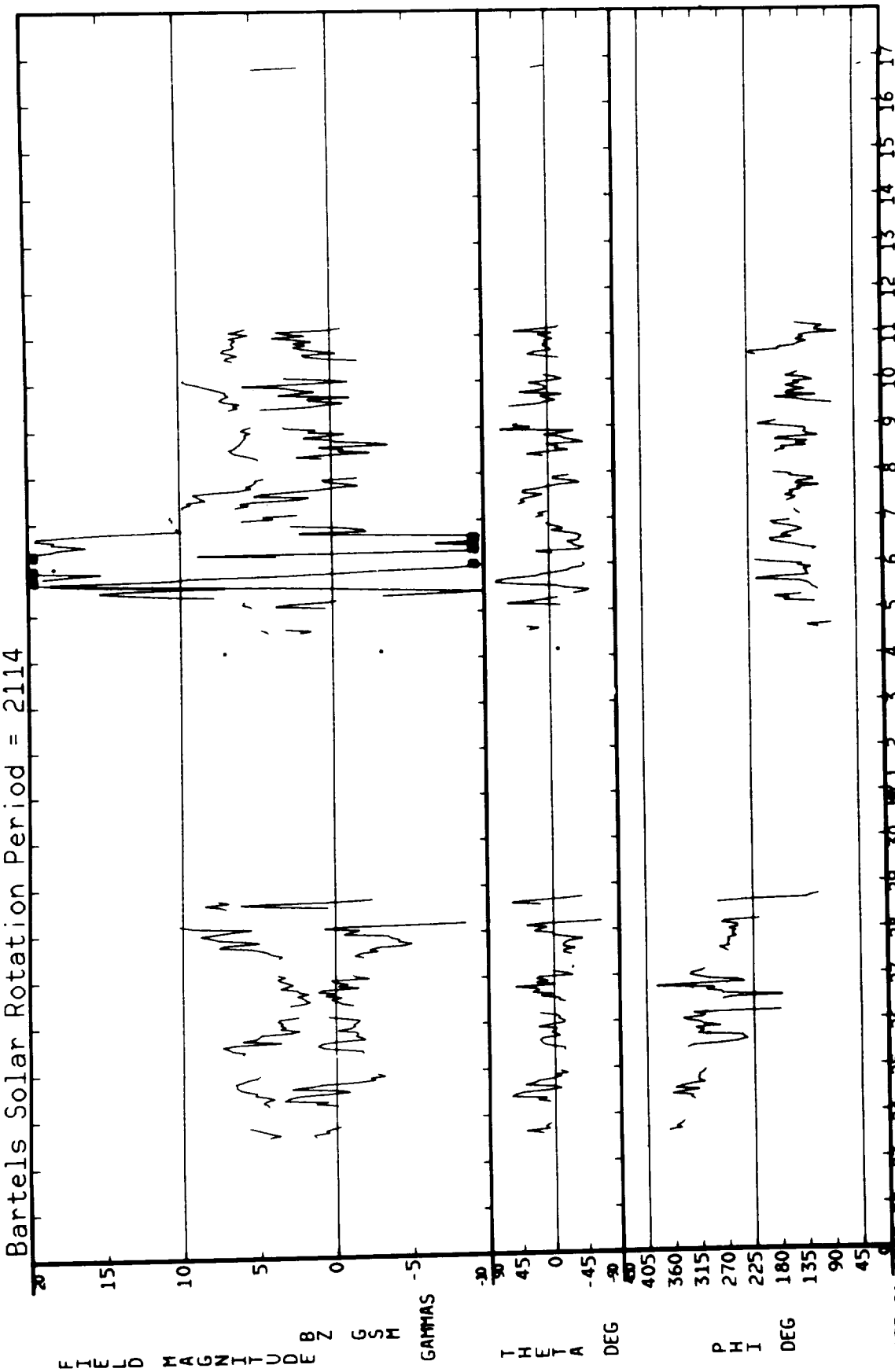
03/25/88 - 04/20/88



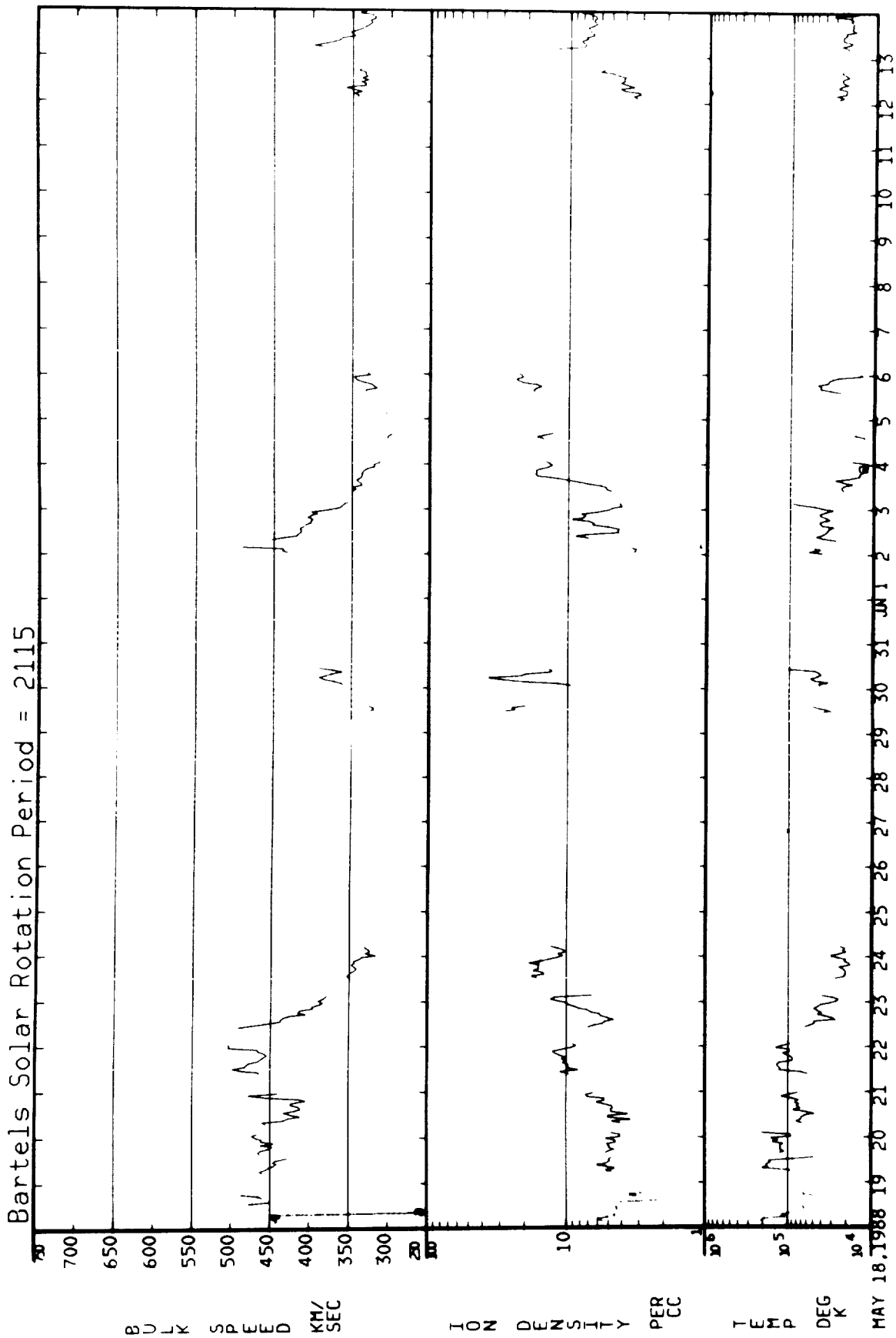


04/21/88 - 05/17/88

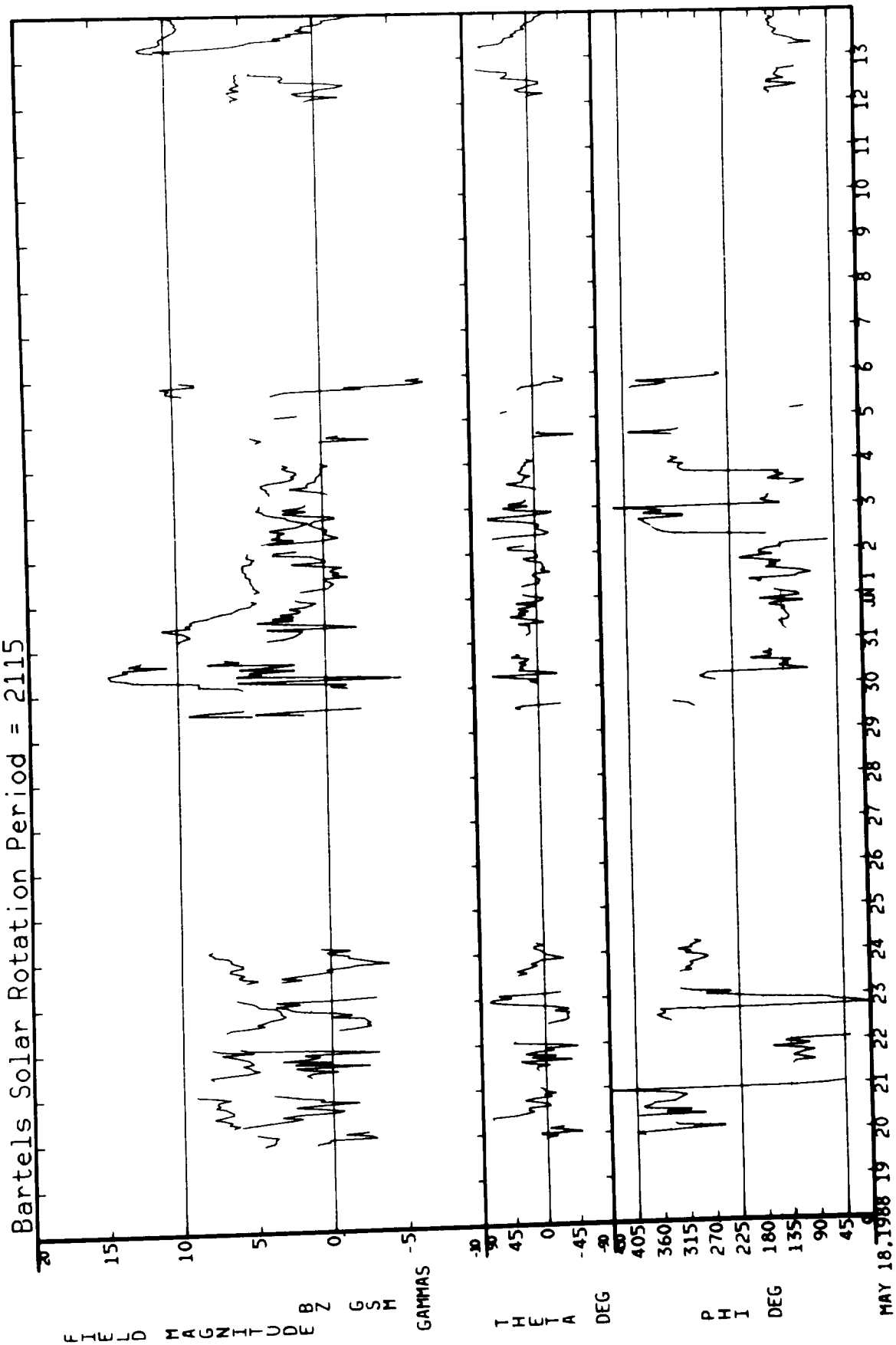
04/21/88 - 05/17/88



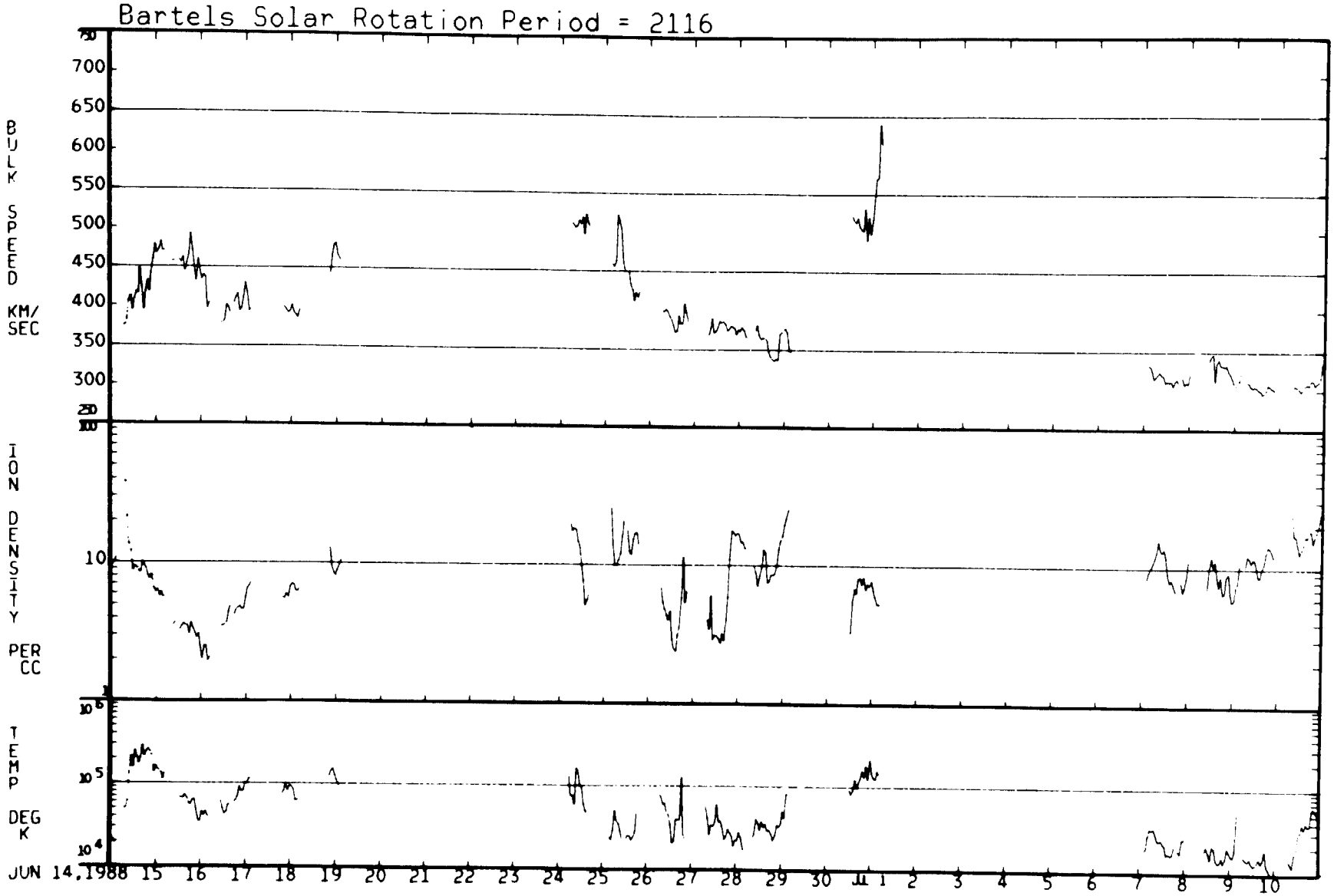
05/18/88 - 06/13/88

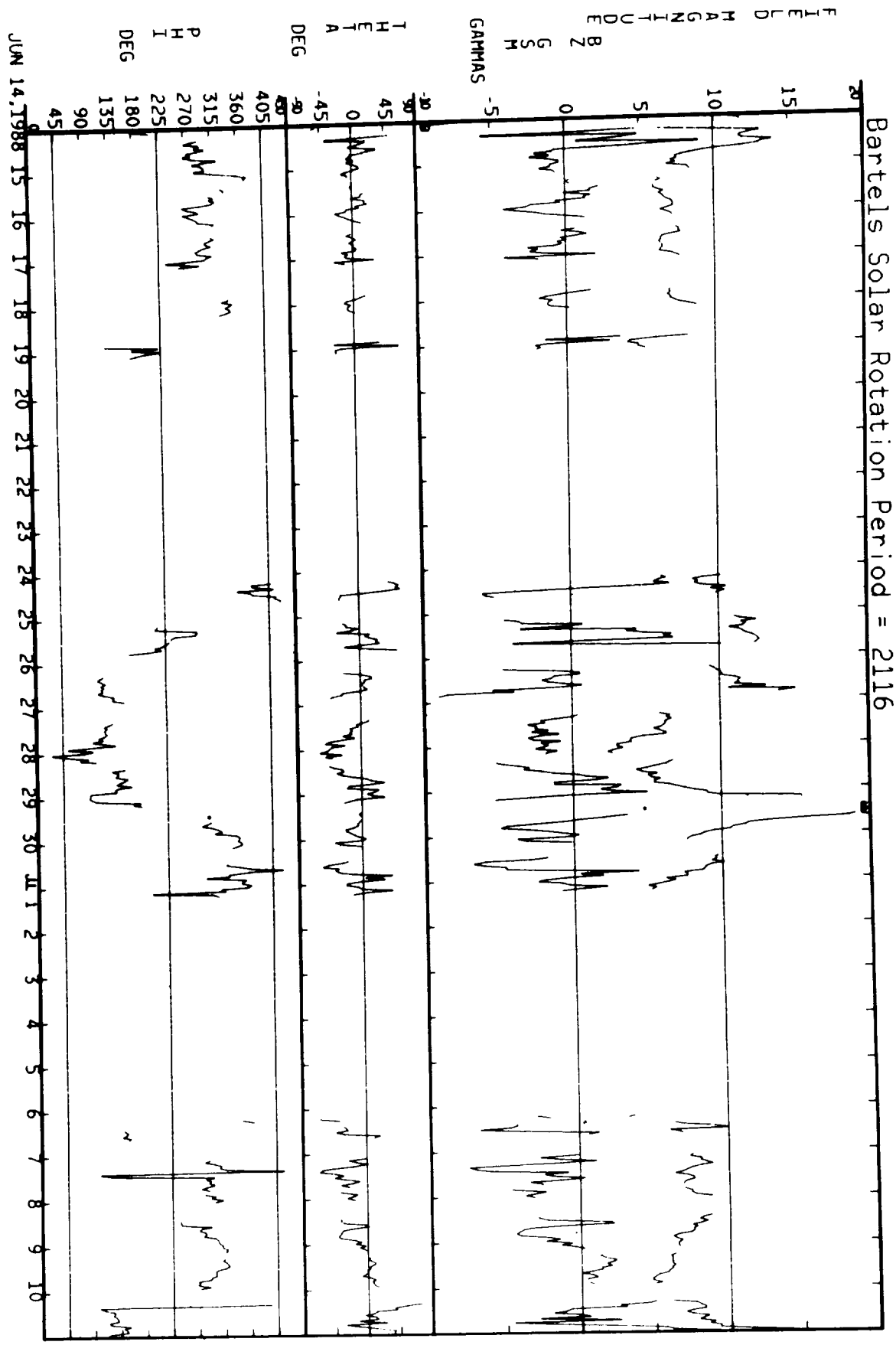


05/18/88 - 06/13/88

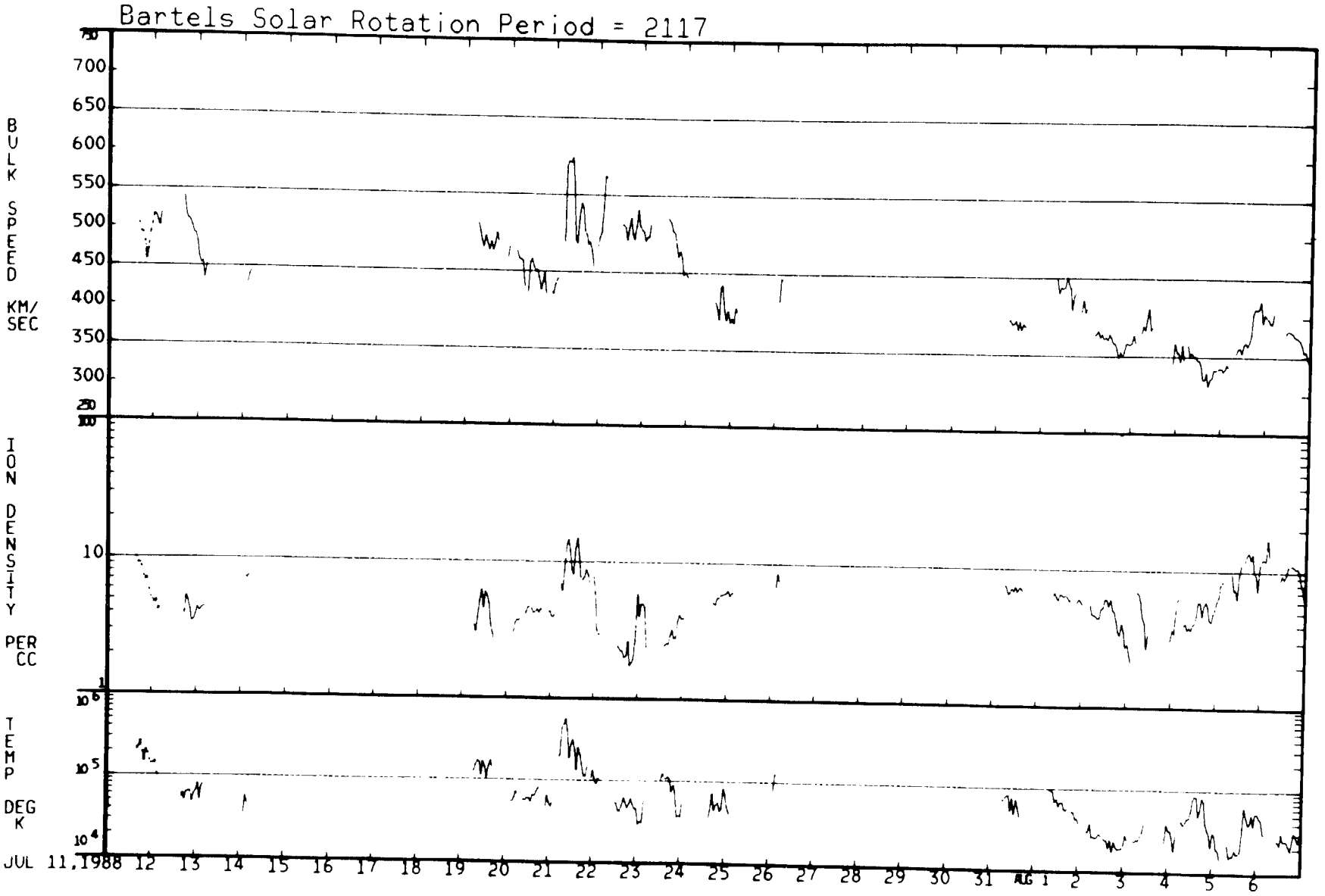


06/14/88 - 07/10/88

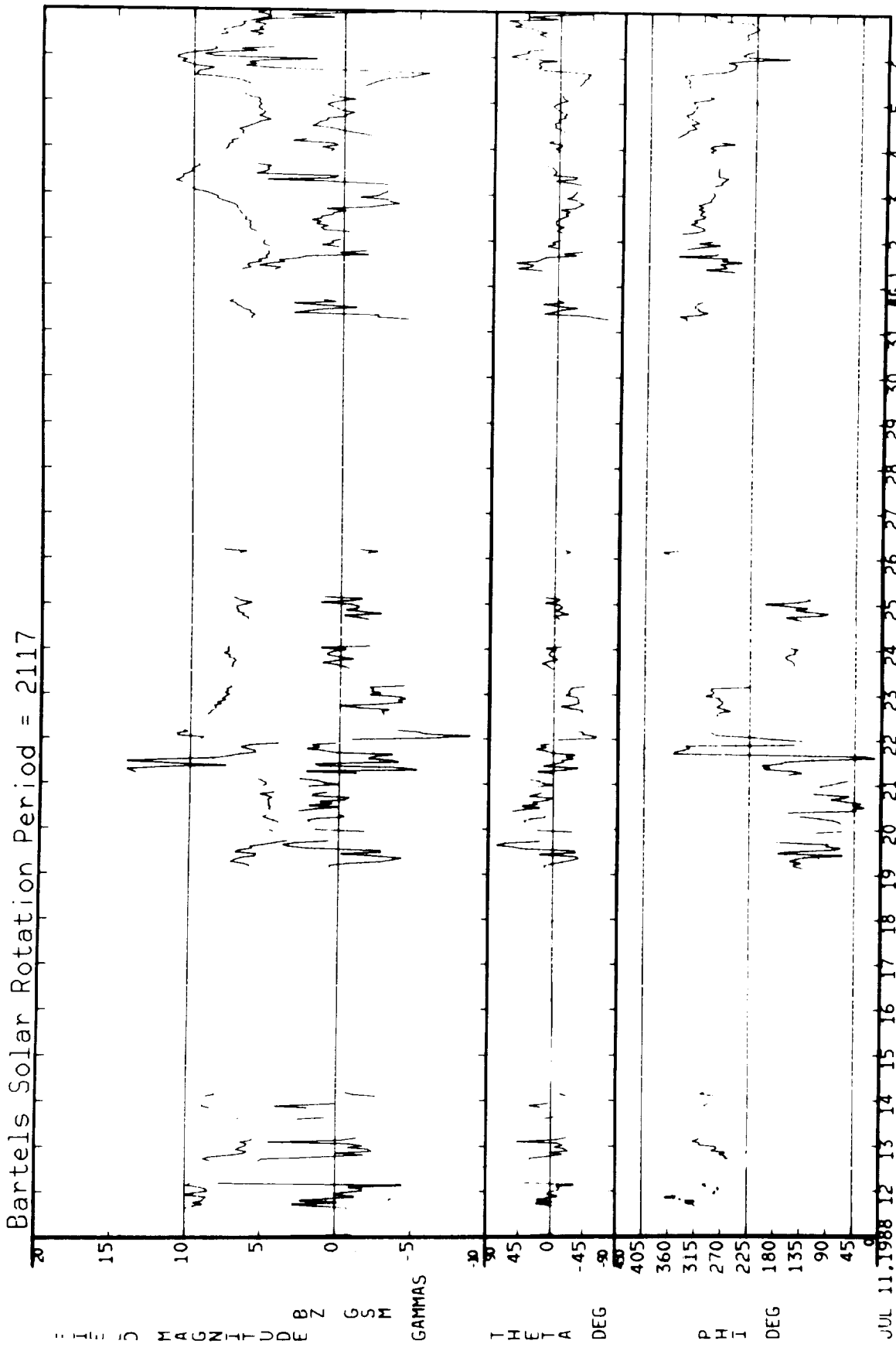



Bartels Solar Rotation Period = 2116
FIELD MAGNITUDE B GSM
GAMMAS
THETA
DEG
PHI
DEG
JUN 14, 1988

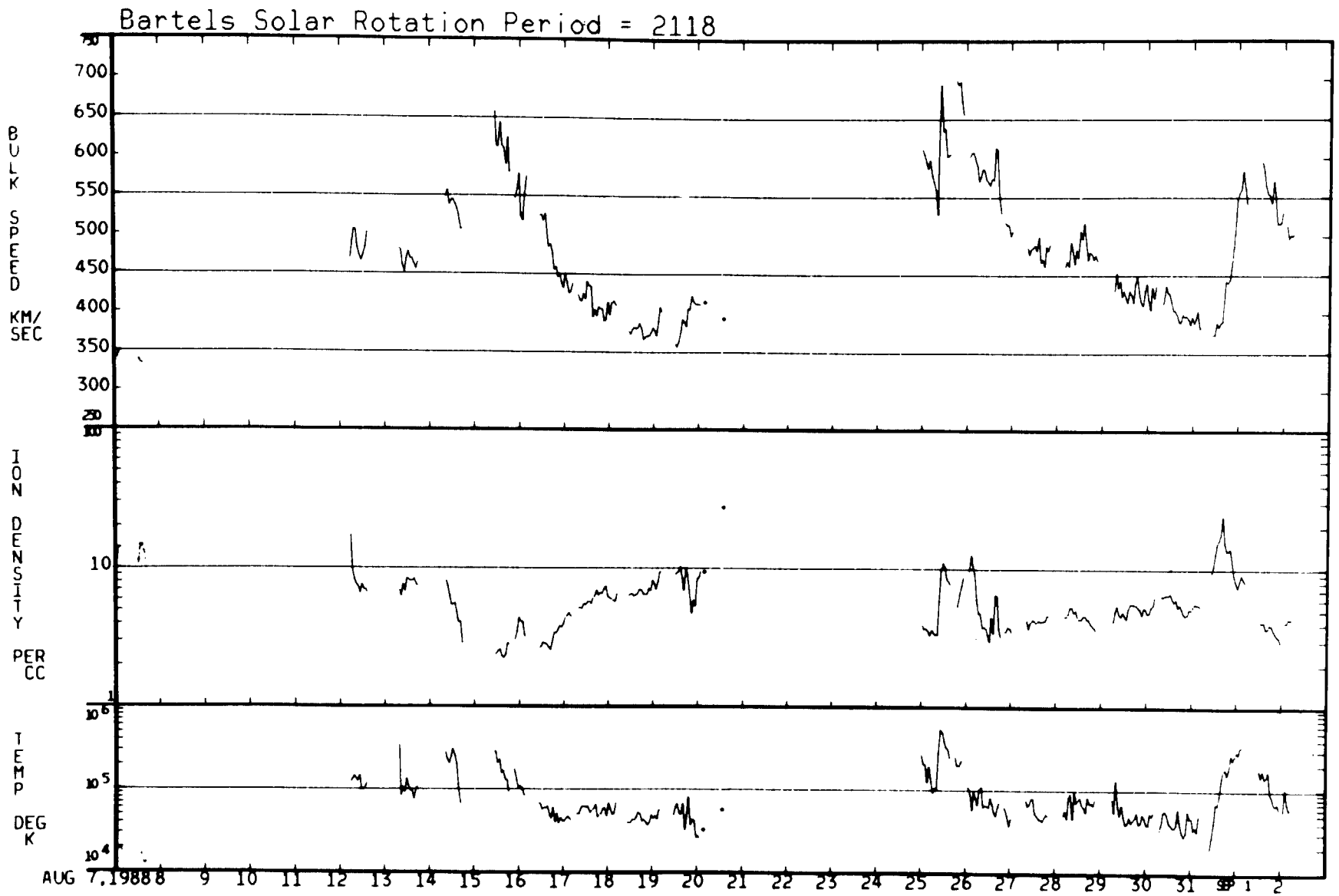
07/11/88 - 08/06/88



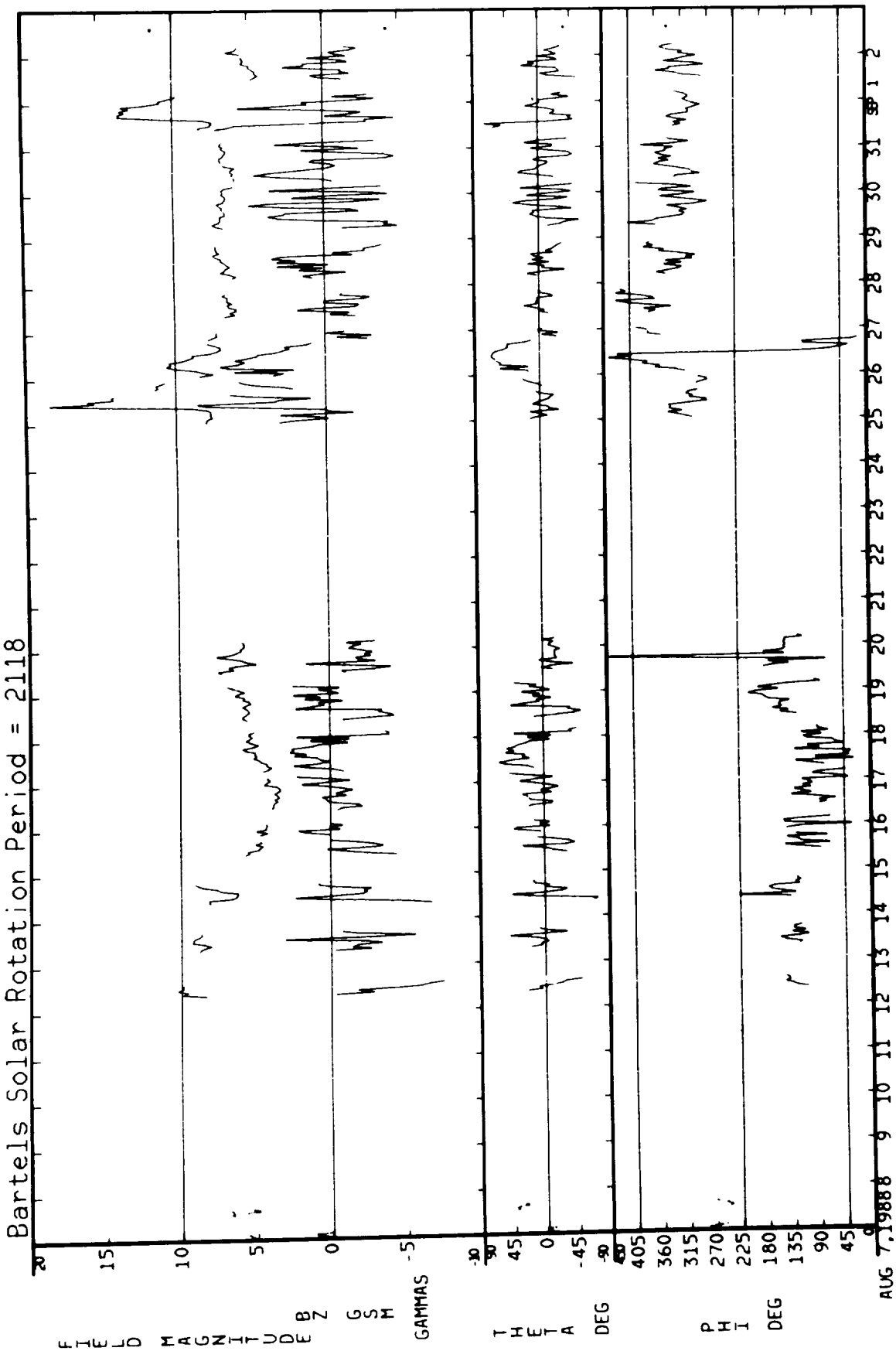
07/11/88 - 08/06/88



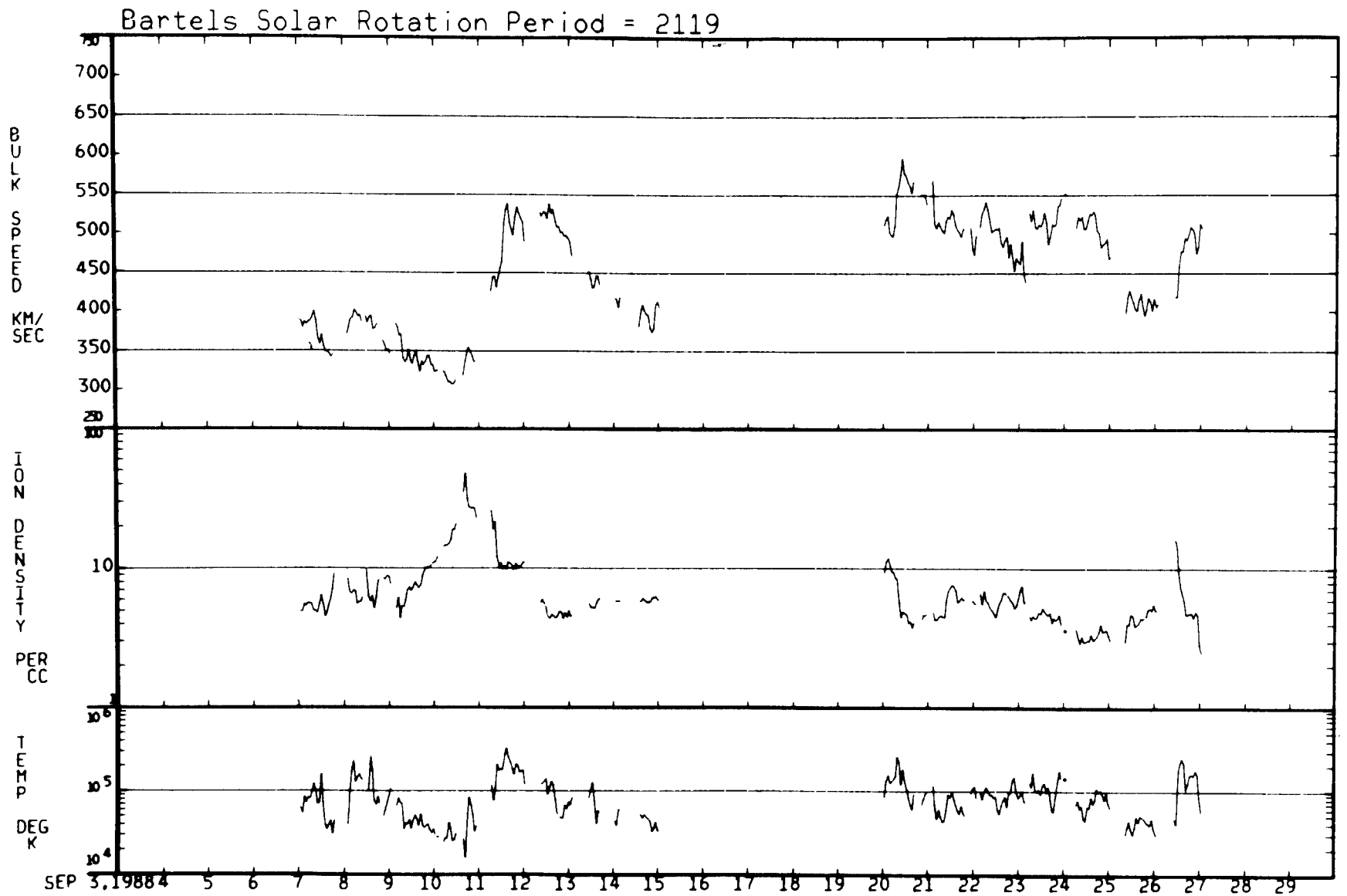
08/07/88 - 09/02/88



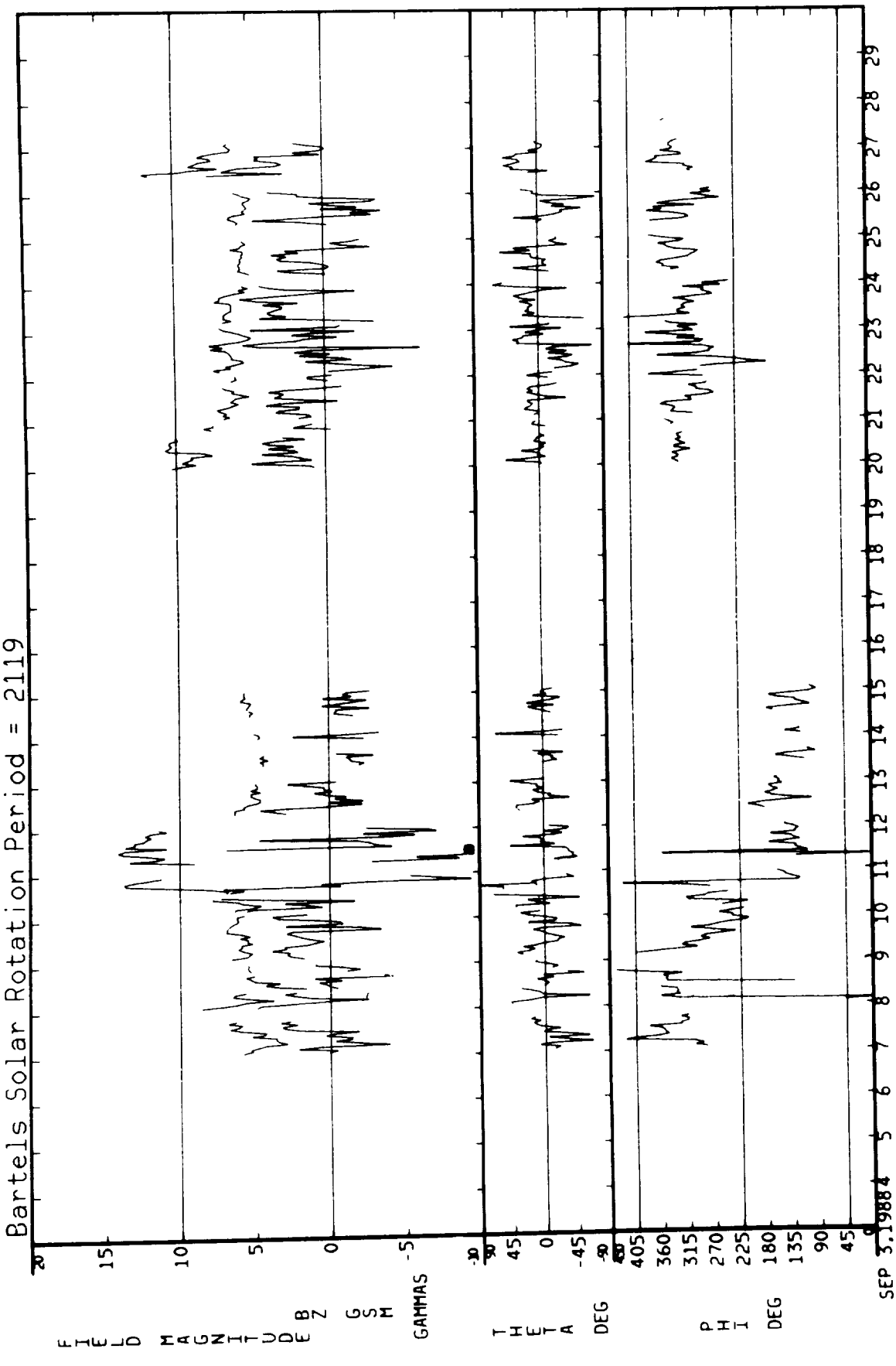
08/07/88 - 09/02/88



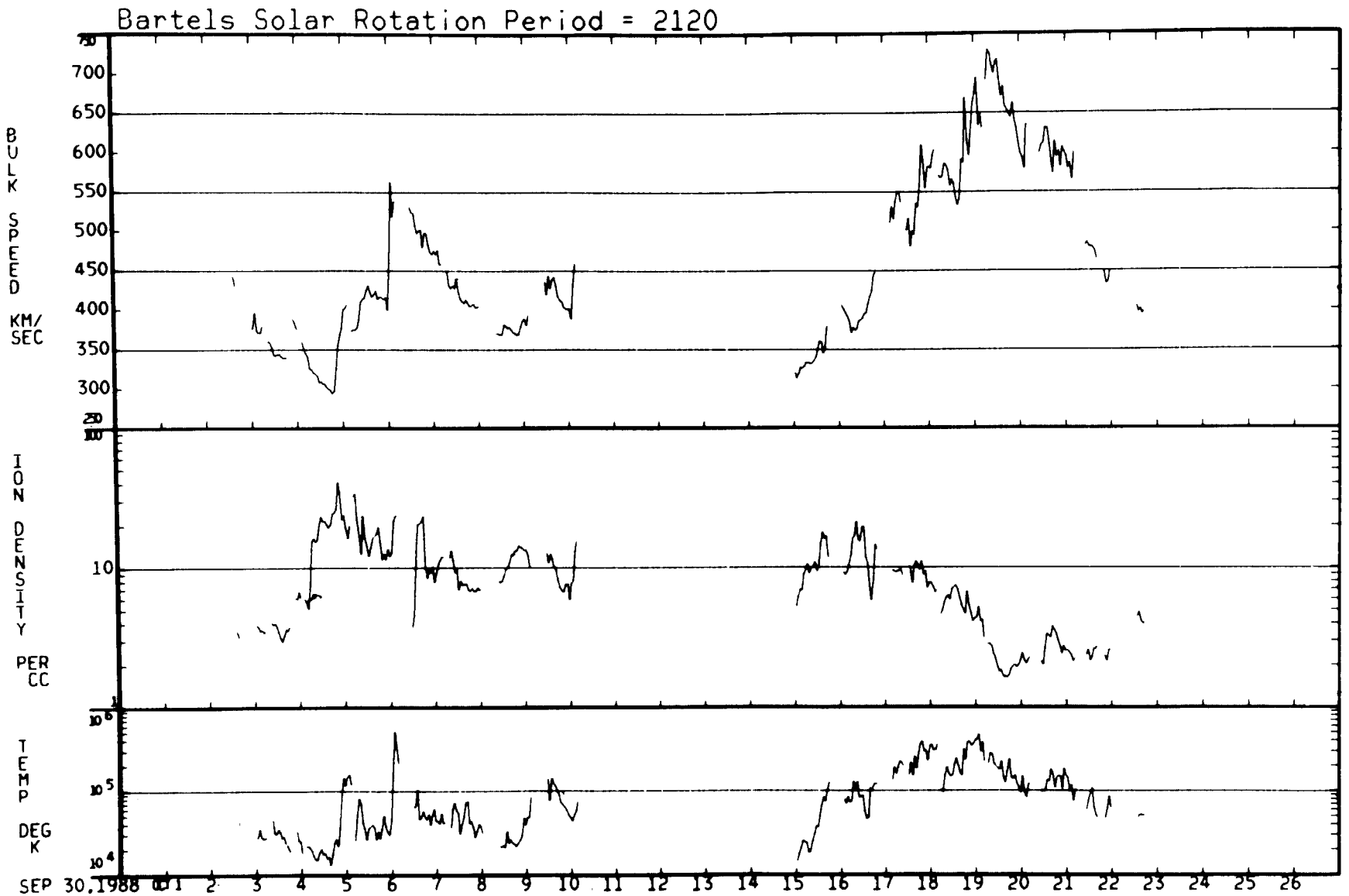
09/03/88 - 09/29/88

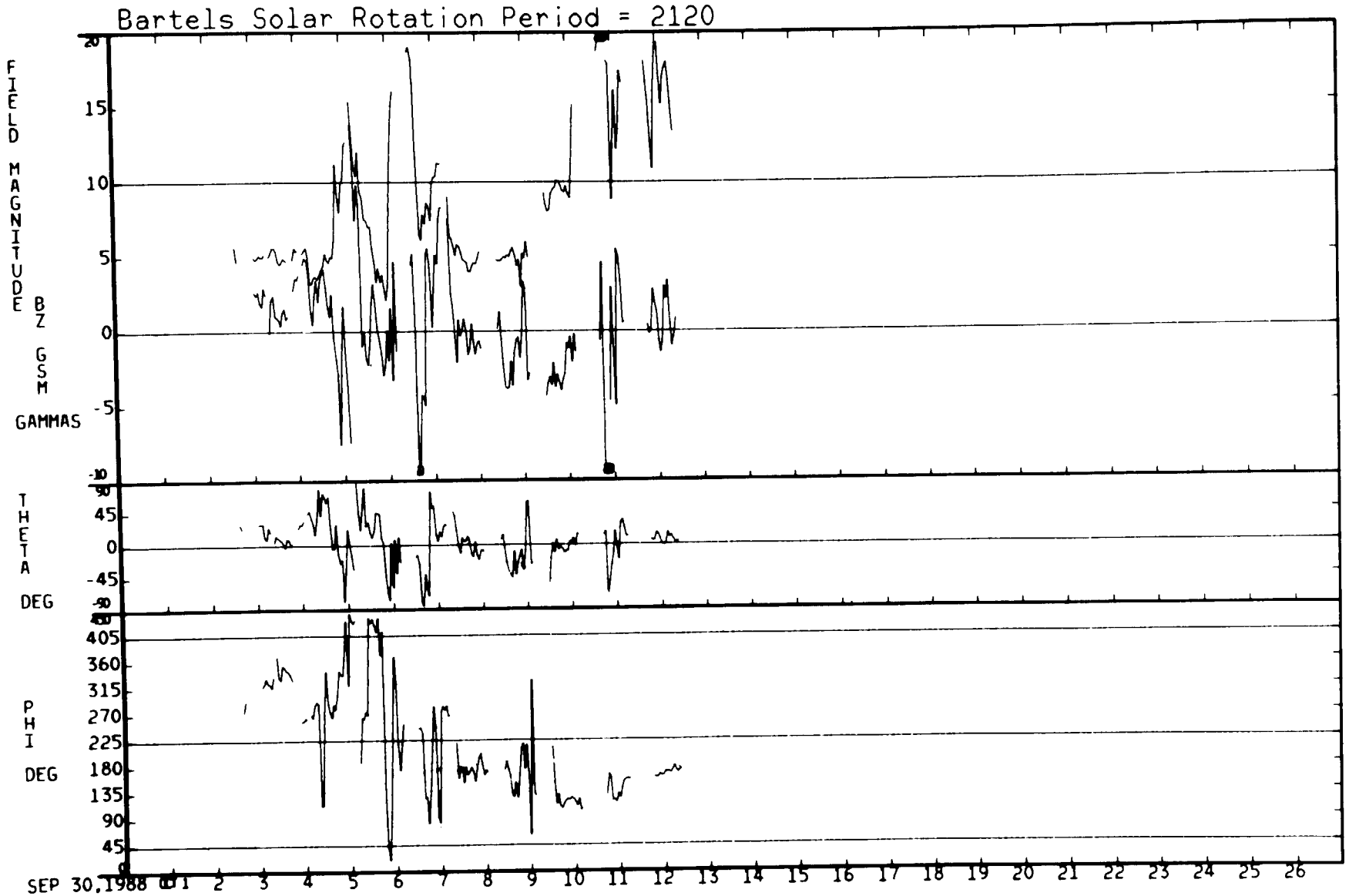


09/03/88 - 09/29/88



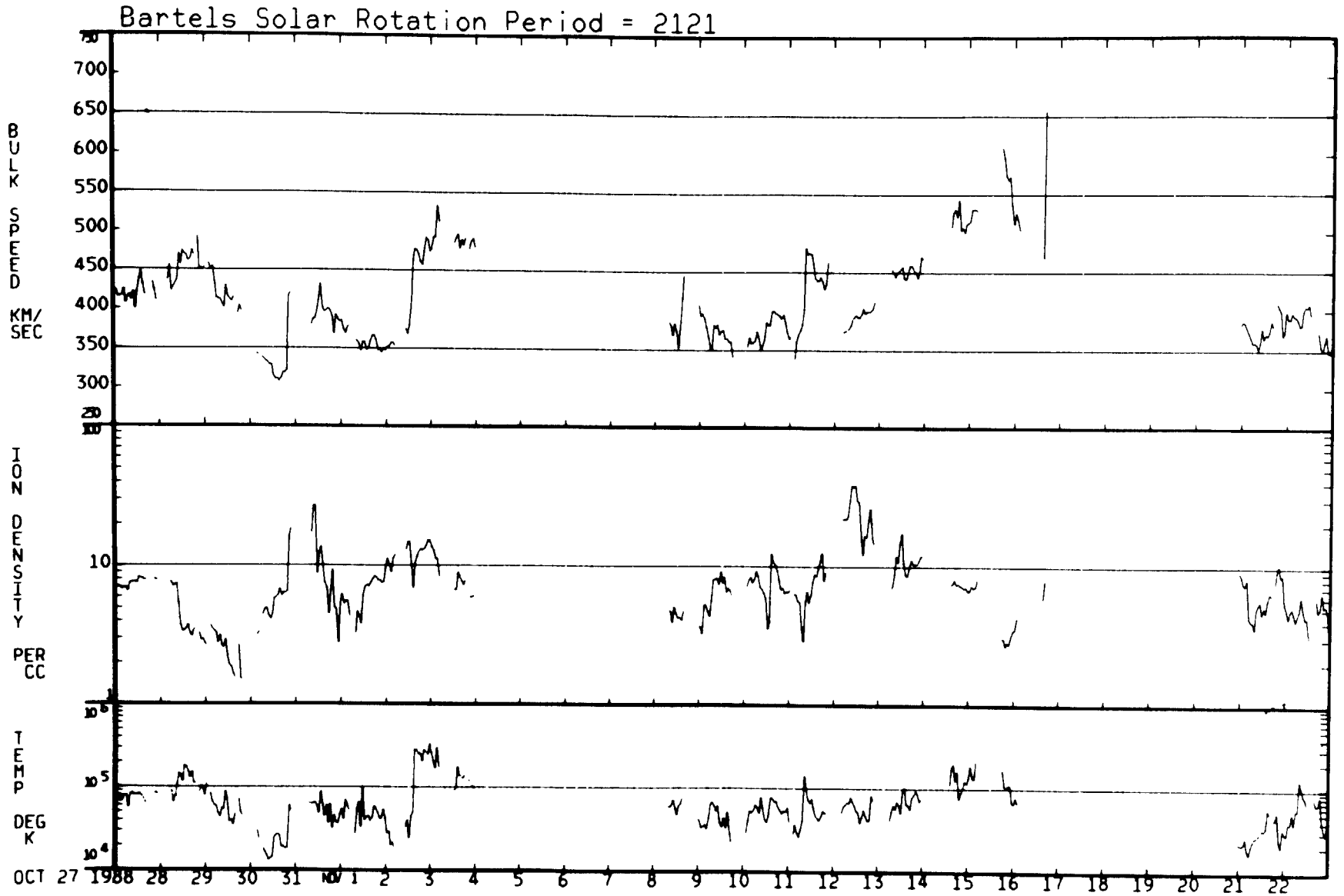
09/30/88 - 10/26/88

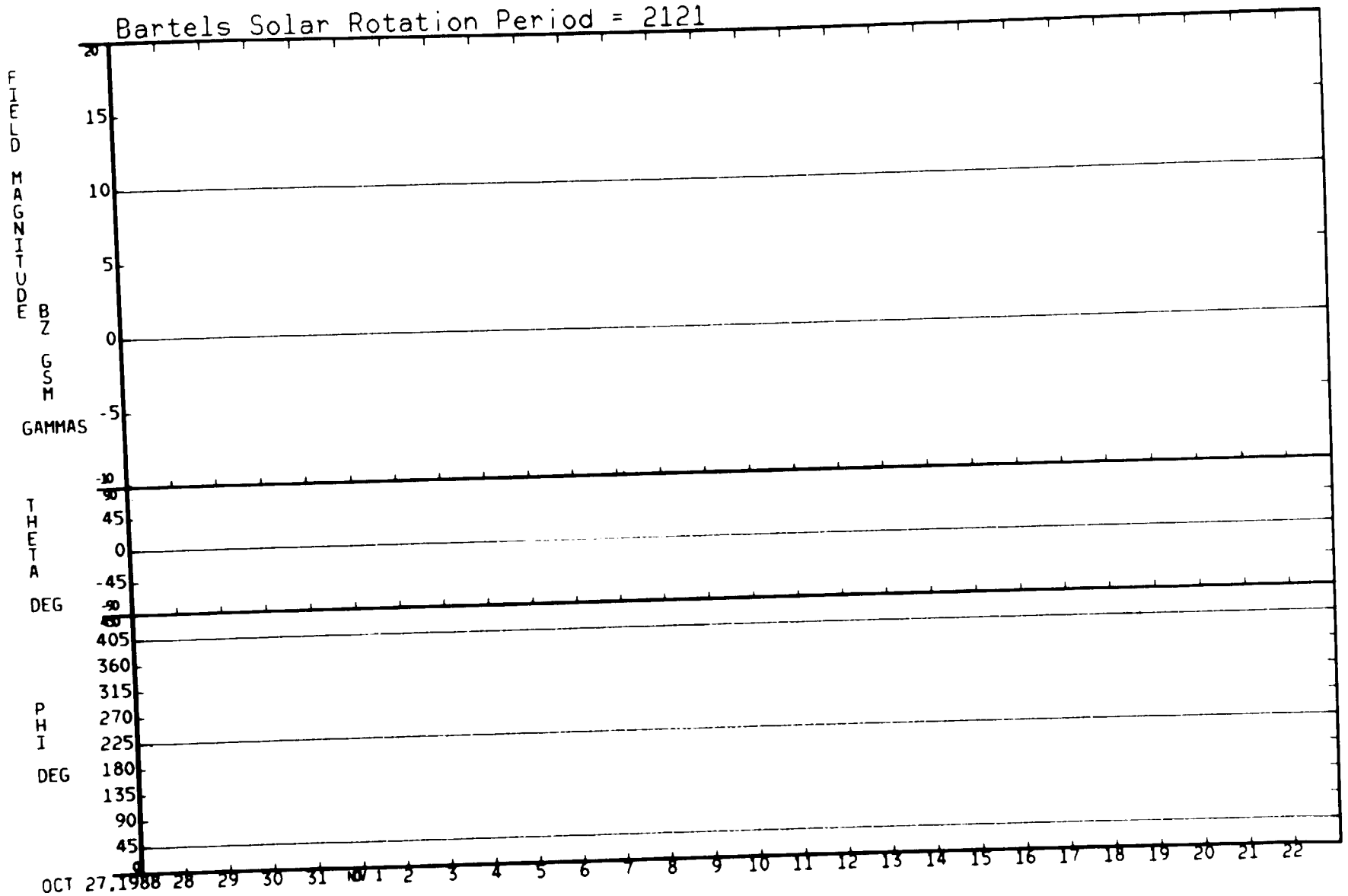




09/30/88 - 10/26/88

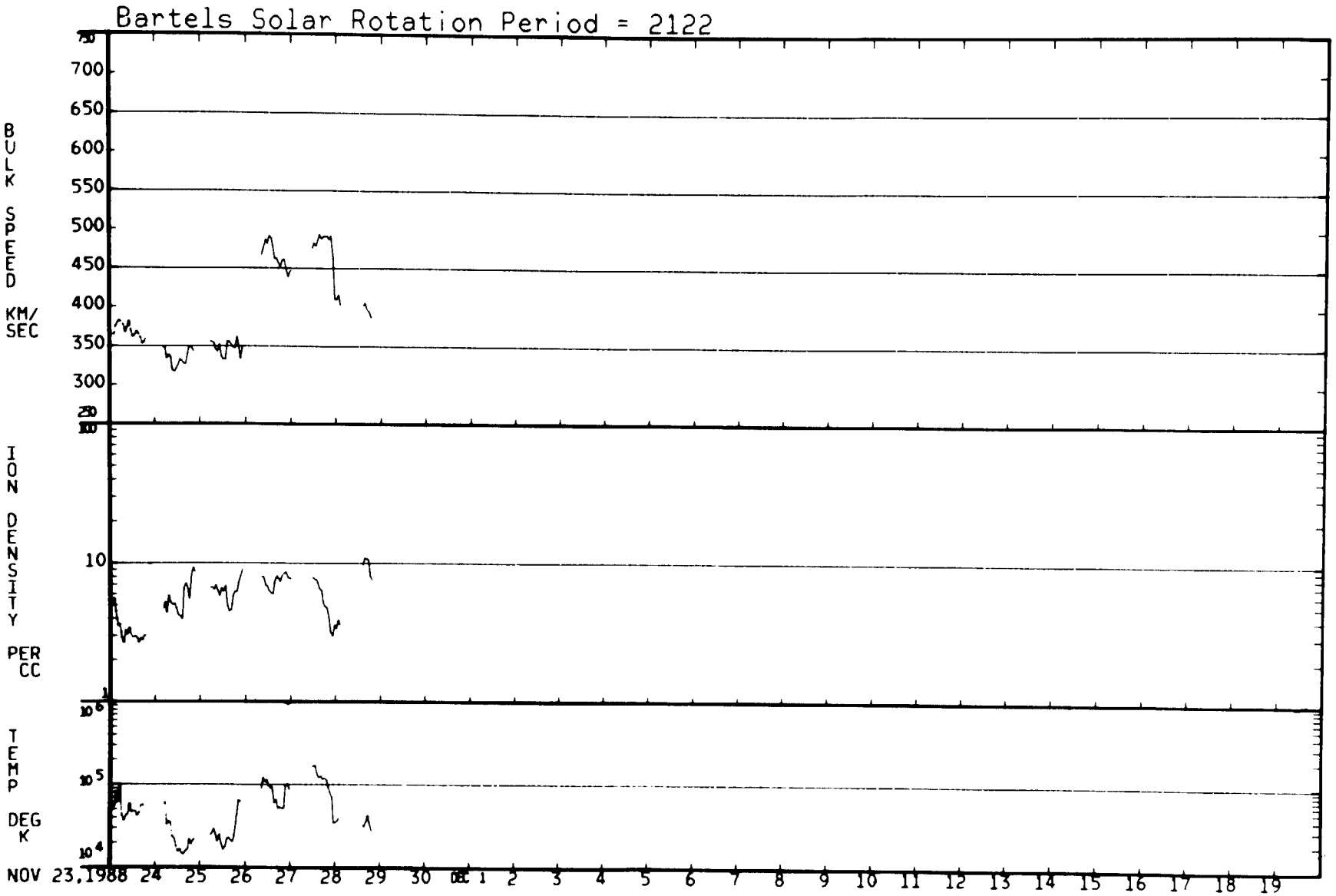
10/27/88 - 11/22/88

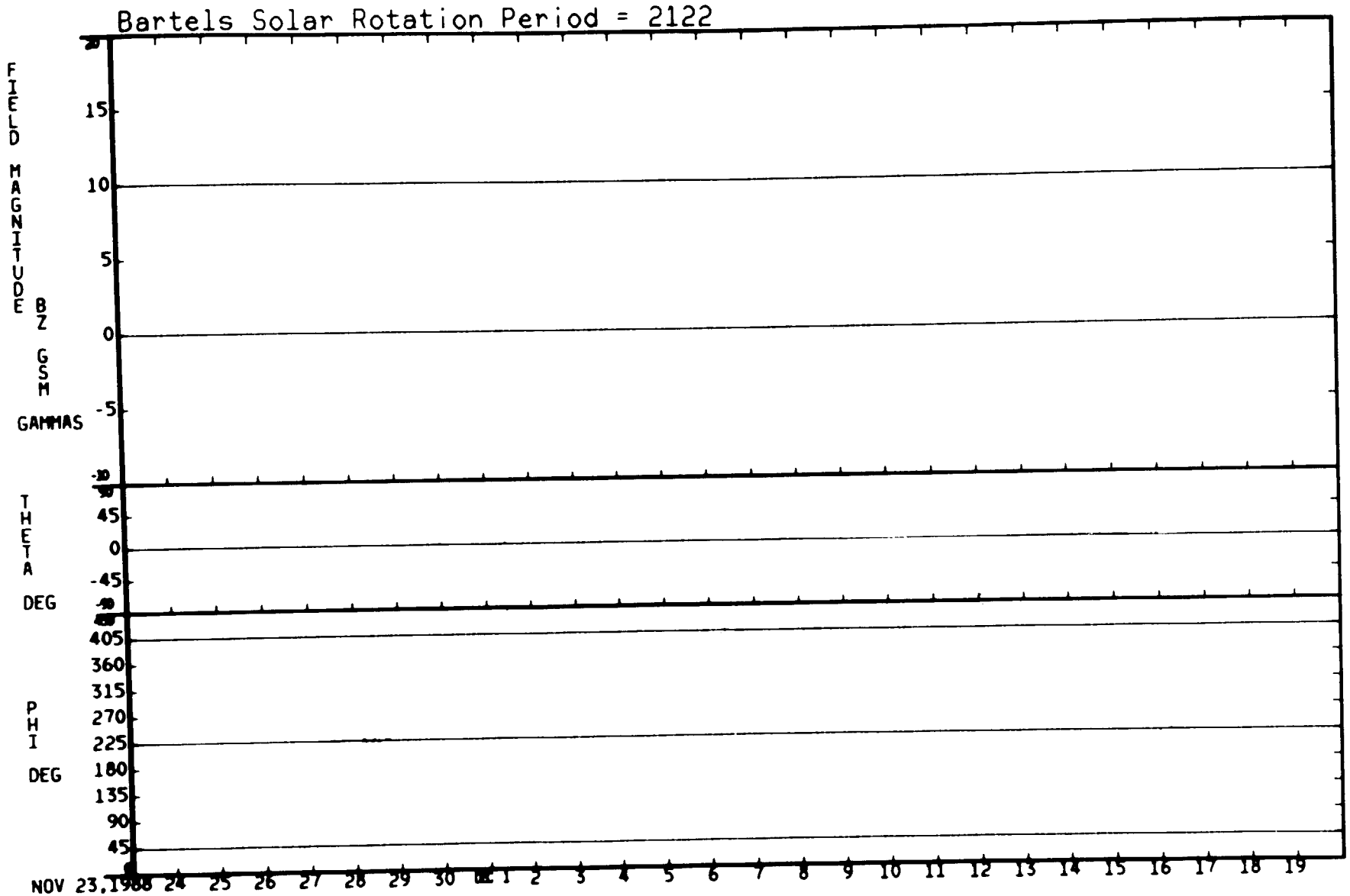




10/27/88 - 11/22/88

11/23/88 - 12/19/88





11/23/88 - 12/19/88

Data Listings

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 23, 1984							358
1					2.9	-57	350	1.3	0.2	-2.1	2	J
2					3.6	-3	67	0.9	2.1	0.3	3	J
3					5.1	-3	95	-0.3	3.8	0.3	3	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16					3.0	-34	198	-2.4	-0.8	-1.6	0	J
17	455	17.6	37	J	2.9	-22	202	-2.1	-0.8	-0.9	2	J
18	456	20.4	32	J	1.8	1	38	0.9	0.7	0.1	2	J
19					3.2	-31	107	-0.5	1.6	-0.7	3	J
20	445	6.8	66	J	5.5	-44	176	-3.7	0.8	-3.5	2	J
21	444	7.2	76	J	5.2	-58	176	-2.0	0.8	-3.0	4	J
22	442	7.7	78	J	5.2	-25	45	3.1	3.5	-1.3	2	J
23	436	8.0	90	J	4.7	-37	49	2.0	2.8	-1.7	3	J
24	437	7.0	75	J	5.1	1	60	2.4	4.1	1.1	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 24, 1984							359
1					4.3	9	51	2.4	2.8	1.3	2	J
2					3.7	-15	66	1.2	2.8	-0.3	2	J
3					3.5	12	46	2.0	1.9	0.9	2	J
4					2.6	4	58	1.0	1.6	0.3	2	J
5					2.4	26	130	-1.3	1.5	1.0	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 25, 1984							360
1					5.7	60	333	2.2	-2.1	4.0	3	J
2												
3												
4												
5												
6												
7												
8	0	0.0	0	J								
9												
10												
11												
12												
13												
14												
15												
16												
17	322	8.9	87	J								
18	309	8.7	103	J								
19	324	10.1	105	J								
20	325	12.2	119	J								
21	323	14.5	128	J								
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 30, 1984							365
1												
2												
3												
4												
5												
6												
7												
8	622	6.5	199	J								
9	623	6.2	139	J								
10	631	6.8	187	J								
11												
12	601	6.8	155	J								
13	613	6.9	159	J								
14												
15												
16												
17												
18												
19												
20												
21	607	7.5	173	J								
22	638	5.9	227	J								
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 31, 1984							366
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	688	4.5	148	J								
15	699	4.5	151	J								
16												
17	693	4.9	191	J								
18												
19												
20	657	5.8	226	J								
21	635	5.2	136	J								
22	628	5.4	134	J								
23	631	4.9	121	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 1, 1985							1
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	742	5.0	228	J								
15	744	5.4	328	J								
16	672	5.3	227	J								
17	730	5.3	293	J								
18	714	5.6	282	J								
19	730	5.3	244	J								
20	758	5.6	306	J								
21	703	5.1	282	J								
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 2, 1985							2
1												
2												
3												
4												
5												
6	703	4.8	268	J								
7												
8												
9												
10												
11												
12												
13												
14	697	3.6	222	J								
15	678	3.7	148	J								
16	679	4.3	187	J								
17	708	4.1	181	J								
18	706	4.0	216	J								
19	687	4.1	190	J								
20	676	4.2	187	J								
21	690	4.2	156	J								
22	693	5.1	153	J								
23	629	4.6	136	J								
24	649	4.9	131	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 4, 1985							4
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	458	8.5	51	J								
17												
18	460	6.0	331	J								
19												
20												
21												
22												
23												
24												

01/05/85 - 01/17/85

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 5, 1985							5
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	439	10.6	121	J								
15	432	10.1	102	J								
16	427	11.5	80	J								
17												
18	419	9.9	33	J								
19	413	10.1	32	J								
20	411	11.7	47	J								
21	408	12.5	48	J								
22	436	10.5	128	J								
23	436	9.3	116	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 11, 1985							11
1												
2												
3												
4												
5												
6												
7												
8					5.6	-1	149	-3.5	2.1	0.0	4	J
9	663	5.9	227	J	6.7	39	99	-0.7	4.6	3.8	3	J
10	667	5.8	200	J	7.0	16	96	-0.6	5.5	1.4	4	J
11					6.7	-49	138	-2.7	2.2	-4.3	4	J
12	648	5.4	216	J	7.0	2	103	-1.4	6.2	-0.1	3	J
13	677	5.3	165	J	6.8	20	89	0.1	6.0	1.8	3	J
14	628	4.7	110	J	6.7	28	10[illegible]	-1.4	4.8	2.5	4	J
15												
16												
17												
18												
19												
20												
21												
22												
23	650	4.7	159	J	6.6	8	114	-2.0	4.0	2.2	4	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 12, 1985							12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	635	5.0	148	J	5.7	-13	135	-3.2	3.2	-1.0	3	J
15	641	4.9	129	J	5.5	-3	134	-2.2	2.3	-0.1	4	J
16	623	5.2	150	J	5.5	31	145	-3.5	2.2	2.8	2	J
17	617	5.3	174	J	5.7	34	138	-3.5	2.6	3.6	1	J
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 13, 1985							13
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	573	5.2	75	J	5.4	37	152	-3.1	1.7	2.6	3	J
15	577	5.0	69	J	5.6	-33	171	-4.4	0.7	-2.9	2	J
16	569	5.1	69	J	5.3	3	143	-3.8	2.9	0.4	2	J
17	563	4.4	66	J	5.3	-6	181	-4.9	-0.0	-0.5	2	J
18	591	4.2	101	J	5.6	3	104	-1.0	4.1	0.9	4	J
19	592	4.1	107	J	5.4	11	83	0.6	4.3	1.8	3	J
20					4.7	-23	137	-2.6	2.8	-0.8	2	J
21	564	4.3	164	J	5.2	4	152	-4.1	2.0	1.0	2	J
22	566	3.8	89	J	5.4	16	103	-1.0	3.8	2.8	2	J
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 14, 1985							14
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					5.5	-18	162	-4.6	1.5	-1.5	2	J
15					5.5	-13	167	-4.7	1.2	-1.1	2	J
16					5.6	-14	92	-0.2	5.2	-0.7	2	J
17												
18												
19												
20												
21												
22												
23					4.9	12	179	-4.3	-0.3	0.9	2	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 15, 1985							15
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	456	11.9	140	J	7.6	-19	139	-4.1	4.0	-0.4	5	J
23	437	11.2	165	J	8.8	-13	155	-7.2	3.8	-0.4	3	J
24					7.0	26	126	-2.9	2.7	3.8	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 16, 1985							16
1					7.9	7	211	-6.4	-3.9	-0.6	3	J
2					7.5	14	209	-6.3	-3.9	0.5	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	531	3.3	120	J	6.0	3	172	-5.9	0.8	0.4	0	J
16	526	3.1	87	J	5.2	-1	166	-4.7	1.2	0.1	2	J
17					4.8	7	164	-4.5	1.2	0.8	1	J
18	485	4.9	177	J	4.6	-3	166	-4.4	1.1	0.0	1	J
19	480	4.5	154	J	4.6	3	164	-4.3	1.1	0.6	1	J
20	481	4.9	112	J	4.7	-1	159	-4.3	1.6	0.4	1	J
21	470	4.6	140	J	4.5	2	177	-4.4	0.2	0.2	0	J
22	472	4.1	112	J	4.5	3	177	-4.4	0.1	0.3	1	J
23	460	4.1	66	J	4.0	8	175	-3.8	0.1	0.6	1	J
24	457	4.4	54	J	4.2	13	173	-4.1	0.1	1.1	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 17, 1985							17
1	448	4.8	43	J	4.3	14	175	-4.1	-0.1	1.1	0	J
2	451	4.4	46	J	4.2	19	178	-4.0	-0.4	1.3	1	J
3					4.4	25	185	-3.7	-0.9	1.5	1	J
4					4.7	15	193	-4.2	-1.3	0.9	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13					7.5	-31	170	-6.2	1.0	-3.8	2	J
14												
15	404	10.6	47	J	7.0	-48	140	-3.2	3.1	-4.4	3	J
16	392	12.1	62	J	6.6	-28	136	-3.4	3.6	-2.1	4	J
17	408	16.4	46	J	6.6	-35	113	-2.0	5.2	-2.6	2	J
18	414	16.9	50	J	7.2	-9	66	1.9	4.4	0.3	5	J
19	414	14.1	36	J	8.0	35	59	3.2	4.0	5.8	2	J
20	400	14.1	56	J	6.2	5	76	1.3	4.7	2.1	3	J
21	399	8.6	43	J	6.5	-18	151	-5.1	3.3	-0.7	2	J
22	404	8.1	78	J	4.9	-6	149	-4.0	2.4	0.5	2	J
23	401	9.0	85	J	2.3	59	220	-0.4	-0.6	0.6	2	J
24	410	10.0	52	J	3.1	-42	336	1.6	-0.0	-1.8	2	J

JAN. 18, 1985

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	404	8.6	42	J		3.3	43	70	0.7	1.0	2.4	2	J	
2	401	11.8	34	J		3.7	33	109	-1.0	1.9	2.8	1	J	
3	407	15.2	27	J		3.5	13	129	-2.0	2.1	1.5	1	J	
4	407	15.2	26	J		4.6	-6	116	-2.0	4.0	0.7	2	J	
5	404	13.0	26	J		5.3	-2	102	-1.1	4.9	0.9	2	J	
6						3.3	40	164	-1.5	0.2	1.4	3	J	
7						3.6	35	162	-2.6	0.7	2.0	1	J	
8														
9														
10														
11														
12														
13														
14														
15														
16														
17	373	15.6	34	J		3.6	8	9	3.1	0.4	0.5	2	J	
18	364	12.2	41	J		3.9	-2	321	2.9	-2.2	-0.7	2	J	
19	352	14.6	36	J		3.6	-3	314	1.7	-1.7	-0.6	3	J	
20	336	18.9	16	J		2.6	11	335	2.2	-1.1	0.1	1	J	
21	340	16.1	23	J		4.3	15	295	1.8	-3.9	-0.3	1	J	
22	339	15.8	22	J		4.8	8	295	1.9	-4.1	-1.0	1	J	
23	341	14.6	25	J		4.8	20	289	1.5	-4.6	-0.2	1	J	
24	344	16.1	32	J		4.9	10	296	2.0	-4.0	-0.9	2	J	

JAN. 19, 1985

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

JAN. 23, 1985

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12	600	6.9	259	J										
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														

JAN. 24, 1985

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12	483	5.2	108	J		6.2	9	344	5.7	-1.7	0.9	1	J	
13	468	5.4	93	J		5.9	-4	341	5.4	-1.8	-0.5	1	J	
14	457	5.5	44	J		6.0	3	340	5.4	-2.0	0.2	1	J	
15						6.2	-8	330	4.9	-2.7	-1.0	2	J	
16						5.9	5	303	3.0	-4.7	-0.1	2	J	
17														
18														
19														
20														
21														
22														
23														
24														

JAN. 25, 1985

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12						11.9	30	171	-9.9	1.3	5.9	2	J	
13						12.0	29	168	-10.2	1.8	5.9	2	J	
14	0	0.0	0	J		11.7	32	167	-9.6	1.6	6.3	1	J	
15	483	8.7	25	J		11.5	34	162	-9.1	2.1	6.8	1	J	
16	478	9.4	30	J		11.8	38	162	-8.8	1.5	7.7	1	J	
17	477	8.2	34	J		12.1	37	173	-9.5	-0.5	7.3	2	J	
18	471	9.0	40	J		12.6	36	181	-10.0	-2.2	7.0	2	J	
19	469	8.7	42	J		12.9	40	187	-9.6	-3.8	7.3	3	J	
20														
21														
22														
23														
24														

JAN. 26, 1985

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1														
2														
3						11.3	23	325	8.5	-7.1	2.2	1	J	
4	411	16.4	22	J		10.5	29	233	-5.3	-8.1	2.8	3	J	
5	415	14.0	26	J		10.3	26	223	-6.7	-7.1	3.1	1	J	
6														
7														
8														
9														
10														
11						7.0	8	193	-6.3	-1.5	0.8	3	J	
12	408	13.9	18	J		6.9	1	199	-6.4	-2.2	-0.0	1	J	
13	405	12.8	17	J		6.7	7	211	-5.6	-3.4	0.5	1	J	
14	406	12.7	17	J		6.3	-3	205	-5.7	-2.6	-0.7	1	J	
15	411	25.8	26	J		10.7	15	212	-8.4	-5.6	1.6	3	J	
16	411	22.4	29	J		10.3	13	229	-6.5	-7.8	0.5	2	J	
17	411	16.8	30	J		10.0	21	229	-5.7	-7.2	1.3	4	J	
18						11.1	32	215	-7.6	-7.0	3.7	2	J	
19						11.9	32	212	-8.6	-7.3	3.9	1	J	
20														
21														
22														
23														
24														

JAN. 27, 1985

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13						6.7	-3	305	3.2	-4.5	-0.6	4	J	
14	367	9.1	70	J		3.9	-11	292	1.2	-2.9	-0.9	2	J	
15	374	9.2	48	J		5.8	-8	325	4.6	-3.1	-1.2	2	J	
16	389	10.0	63	J		4.1	7	288	1.1	-3.3	-0.2	3	J	
17	395	9.2	81	J		6.4	-12	318	4.2	-3.4	-2.1	3	J	
18	388	10.3	71	J		6.3	-27	328	3.9	-1.6	-2.9	4	J	
19	439	16.1	119	J		8.7	-7	269	-0.1	-7.3	-3.7	3	J	
20	428	17.3	112	J		8.9	6	295	3.2	-6.6	-1.8	5	J	
21	418	14.6	54	J		12.8	1	264	-1.3	-11.1	-4.8	4	J	
22	399	16.4	95	J		12.3	20	279	1.8	-11.8	-1.2	3	J	
23						14.2	18	266	-0.9	-13.8	-2.1	3	J	
24						18.0	-3	256	-4.3	-14.9	-8.6	4	J	

JAN. 28, 1985

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1														
2														
3						17.6	16	269	-0.2	-14.4	-0.9	10	J	
4						19.7	-4	268	-0.6	-17.0	-6.3	8	J	
5														
6						22.3	8	285	5.7	-21.5	-0.5	2	J	
7						22.1	4	280	3.8	-21.6	-1.1	2	J	
8														
9						21.4	-26	273	0.6	-11.9	-6.8	17	J	
10	508	10.7	38	J										
11														
12														
13														
14														
15						10.8	-73	332	2.6	0.5	-9.7	4	J	
16						9.1	-33	224	-5.3	-3.8	-5.9	2	J	
17						7.8	8	224	-4.4	-4.3	-0.4	5	J	
18	472	6.7	128	J		7.6	-17	177	-6.0	0.9	-1.6	4	J	
19						8.7	-43	251	-1.7	-2.8	-6.5	5	J	
20						11.4	-28	276	1.0	-6.2	-8.2	5	J	
21														
22						9.4	71	265	-0.2	1.2	-8.5	4	J	
23						9.7	-24	260	-1.0	-3.9	-5.0	7	J	
24														

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 29, 1985							29
1												
2					8.6	-25	34	6.4	5.4	-1.4	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					7.6	15	351	7.0	-1.3	1.8	2	J
15	450	4.5	59	J	7.7	-10	337	6.7	-2.6	-1.7	2	J
16	472	3.6	49	J	7.2	-8	313	4.8	-4.8	-2.0	1	J
17	483	3.4	49	J	7.1	-2	316	4.9	-4.5	-1.4	2	J
18	491	6.8	69	J	6.3	-4	304	3.4	-4.7	-1.9	2	J
19	489	7.9	83	J	5.9	-1	305	3.3	-4.3	-1.7	1	J
20					5.3	-34	255	-1.0	-2.3	-3.7	3	J
21	0	0.0	0	J	6.4	-26	280	1.0	-3.8	-4.7	2	J
22	479	13.7	63	J	6.9	-11	289	2.0	-4.7	-3.7	3	J
23	484	15.4	57	J	7.2	-54	269	-0.1	-0.9	-6.1	4	J
24	489	18.0	62	J	5.8	-39	284	0.5	-1.0	-2.4	5	J
					JAN. 30, 1985							30
	486	22.7	54	J	3.7	69	34	1.0	-0.8	3.0	2	J
	476	16.1	74	J	4.6	55	36	1.8	-0.2	3.5	2	J
	475	14.0	68	J	5.7	52	50	2.0	0.6	4.6	2	J
					3.7	1	113	-0.7	1.6	0.6	3	J
	459	12.7	28	J	5.2	-14	192	-4.7	-0.7	-1.4	1	J
	454	13.7	26	J	4.8	-13	190	-4.5	-0.5	-1.2	1	J
	453	17.1	30	J	4.2	-8	197	-3.4	-0.8	-0.8	2	J
	458	15.8	30	J	4.4	-5	167	-4.2	1.0	-0.0	1	J
	484	10.1	58	J	4.5	38	3	0.8	-0.2	0.6	4	J
	504	11.0	67	J	6.0	11	345	5.6	-1.8	0.4	1	J
	490	14.7	108	J	6.2	14	322	2.4	-2.0	-0.2	5	J
	469	22.8	113	J	7.8	10	164	-6.4	1.1	1.9	4	J
	424	26.9	45	J	6.8	7	332	4.6	-2.5	-0.6	5	J
					JAN. 31, 1985							31
1	404	19.5	33	J	7.4	-3	343	6.5	-1.6	-1.2	3	J
2	401	15.0	26	J	7.3	5	324	5.6	-4.0	-1.2	2	J
3	426	15.1	62	J	4.0	-38	23	1.2	0.9	-0.8	4	J
4	431	13.0	72	J	4.3	67	312	0.6	-1.3	1.7	4	J
5	410	17.6	48	J	5.3	41	1	2.3	-0.5	1.9	5	J
6	432	15.2	97	J	4.4	-10	116	-1.7	3.6	0.2	3	J
7					3.1	-16	129	-1.5	1.9	-0.3	2	J
8												
9												
10												
11												
12					7.3	-43	149	-4.5	3.0	-4.6	2	J
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					FEB. 5, 1985							36
	565	6.3	162	J								
	555	8.9	252	J								
	553	13.1	379	J								
	562	11.7	299	J								
	547	12.4	289	J								
	514	13.3	268	J								
	494	11.4	173	J								
	482	15.5	197	J								
	496	16.4	188	J								
					FEB. 6, 1985							37
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					6.5	-20	188	-5.9	-0.1	-2.3	2	J
19					6.5	37	183	-4.4	-1.5	3.0	4	J
20												
21					7.0	39	187	-4.2	-2.0	2.8	4	J
22												
23					7.0	68	167	-1.7	-1.8	3.9	5	J
24					7.1	11	116	-3.0	4.6	4.2	2	J
					FEB. 7, 1985							38
					6.2	18	120	-2.4	3.0	3.3	4	J
					6.1	25	135	-3.5	2.2	3.6	3	J
	729	4.5	184	J	6.5	31	104	-1.1	4.2	3.3	3	J
	729	5.0	295	J	6.6	-16	108	-1.9	5.9	-1.1	2	J
	691	3.9	153	J	6.0	-21	131	-3.4	4.1	-1.5	2	J
	678	3.8	163	J	5.9	1	132	-3.6	3.9	0.7	2	J
	689	4.1	173	J	6.0	1	124	-3.0	4.3	1.0	3	J
	665	3.8	145	J	6.1	-7	141	-4.5	3.7	0.2	2	J
	683	4.0	153	J	5.9	16	127	-3.0	3.3	2.5	3	J
	637	3.8	120	J	5.8	8	186	-5.3	-0.8	0.5	2	J
	632	3.7	89	J	6.0	14	139	-4.0	2.7	2.6	2	J
	644	3.8	120	J	6.1	16	138	-3.9	2.5	2.8	3	J
					5.0	17	148	-3.6	1.4	2.2	2	J
	665	3.8	159	J	5.6	-2	137	-3.4	2.8	1.4	3	J
					5.9	5	121	-2.7	3.7	2.7	3	J
					FEB. 8, 1985							39
1					5.2	6	182	-4.5	-0.4	0.3	3	J
2					5.3	-28	194	-3.7	0.1	-2.2	3	J
3					5.7	26	134	-2.7	1.7	2.9	4	J
4	673	4.7	153	J	5.6	49	132	-1.8	0.6	3.5	4	J
5	719	4.8	125	J	6.2	3	80	1.0	5.2	2.2	3	J
6	699	4.3	141	J	6.2	31	85	0.4	3.9	4.3	2	J
7					5.8	37	51	2.9	2.7	4.1	1	J
8												
9												
10												
11												
12												
13												
14												
15	635	5.0	142	J	5.5	-29	196	-3.6	-0.6	-2.3	3	J
16	638	5.2	113	J	5.4	-2	172	-4.4	0.6	0.0	3	J
17	640	5.1	115	J	6.0	-11	194	-5.0	-0.9	-1.3	3	J
18	647	5.6	122	J	6.2	-30	173	-4.9	1.5	-2.5	2	J
19	630	5.8	75	J	6.8	-14	186	-6.2	0.0	-1.7	2	J
20	609	4.9	60	J	6.4	1	179	-6.1	0.0	0.1	2	J
21	606	5.3	74	J	6.7	-28	185	-5.5	0.9	-2.8	2	J
22	625	5.5	89	J	6.4	-25	171	-3.6	1.3	-1.2	5	J
23												
24												
					FEB. 9, 1985							40
	625	5.4	135	J	5.4	-28	152	-4.0	2.4	-2.1	2	J
	623	5.6	162	J	5.7	-15	129	-2.7	3.4	-0.7	4	J
	608	6.0	165	J	5.8	12	94	-0.4	5.2	1.8	2	J
	596	5.9	168	J	5.9	-18	117	-2.0	4.1	-0.9	4	J
	613	5.6	115	J	6.5	-16	84	0.6	6.1	-0.7	2	J
	563	5.0	86	J	6.7	-18	166	-5.4	1.7	-1.5	3	J
	554	4.9	82	J	6.6	-6	176	-6.0	0.6	-0.5	3	J
	564	4.9	98	J	6.5	19	173	-3.8	0.0	1.4	5	J
	562	5.4	100	J	6.3	9	149	-4.4	2.2	1.7	3	J
	590	6.1	128	J	6.7	13	100	-1.0	4.5	3.3	3	J
	578	4.9	94	J	7.4	11	126	-3.3	3.7	3.0	5	J
	569	4.4	90	J	7.9	-8	147	-6.0	3.9	0.9	3	J
	585	5.0	145	J	7.7	2	138	-5.5	4.2	2.7	2	J
	623	5.4	134	J	6.8	-24	147	-4.4	3.7	-0.6	4	J
	644	5.4	136	J	6.8	6	129	-3.6	3.6	2.8	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 10, 1985							41
1	645	5.2	107	J	6.7	-4	136	-4.6	4.1	1.8	2	J
2												
3												
4												
5												
6												
7												
8					6.3	35	173	-4.7	0.1	3.4	2	J
9					5.9	17	162	-4.0	1.1	1.4	4	J
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	637	4.4	113	J	6.3	21	146	-4.4	1.7	3.2	3	J
22	673	4.2	173	J	5.9	18	138	-2.5	1.4	2.1	5	J
23	696	3.6	128	J	6.1	22	99	-0.8	3.3	4.4	2	J
24	674	3.8	171	J	5.6	3	117	-2.0	3.3	2.2	3	J
					FEB. 12, 1985							43
1	577	5.9	127	J	5.3	32	78	0.7	1.9	3.7	3	J
2	575	6.2	115	J	5.3	-10	100	-0.6	3.3	1.1	4	J
3	562	5.6	124	J	5.6	15	130	-2.2	2.0	2.0	4	J
4	574	5.4	118	J	6.2	46	118	-1.7	1.4	4.6	3	J
5	552	4.9	119	J	6.1	-16	176	-5.5	0.9	-1.3	2	J
6	554	5.3	125	J	6.0	-12	176	-5.3	0.7	-1.0	3	J
7	553	4.6	89	J	6.1	19	156	-4.8	1.6	2.3	3	J
8					6.2	-11	176	-4.9	0.5	-0.9	4	J
9					7.0	-2	144	-5.0	3.6	0.4	3	J
10					7.3	-10	153	-6.1	3.2	-0.8	2	J
11					6.5	-8	164	-6.2	1.9	-0.7	1	J
12	539	4.7	118	J	6.3	-5	162	-5.7	1.9	-0.3	2	J
13	562	5.4	105	J	5.7	-20	135	-3.3	3.5	-1.2	3	J
14	586	5.6	192	J	4.0	16	92	-0.1	3.2	1.6	2	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	517	4.2	62	J	4.6	-6	140	-3.4	2.6	1.1	1	J
					FEB. 17, 1985							48
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	485	8.4	160	J								
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					FEB. 19, 1985							50
1												
2												
3												
4												
5												
6												
7												
8												
9												
10					7.2	5	15	6.5	1.6	0.9	2	J
11					7.5	19	352	6.7	-1.3	2.2	2	J
12	383	8.2	109	J	9.1	18	339	8.0	-3.5	2.2	1	J
13	399	10.1	42	J	9.7	19	324	7.3	-5.7	2.1	2	J
14	408	10.8	33	J	10.1	19	308	5.9	-8.0	1.7	1	J
15	397	12.1	55	J	10.8	13	312	7.0	-8.1	0.4	2	J
16	384	12.2	70	J	9.9	8	327	8.1	-5.4	-0.2	2	J
17					9.6	15	300	4.3	-7.9	-0.3	4	J
18	377	12.9	28	J	9.8	15	291	3.4	-9.0	-1.0	1	J
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 11, 1985							42
1	712	3.5	159	J	5.0	14	82	0.6	2.9	2.8	3	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	646	4.6	272	J	4.9	7	135	-3.2	3.1	1.0	2	J
12	651	4.8	239	J	5.1	-1	158	-4.1	1.6	0.2	2	J
13	646	4.7	227	J	5.6	-18	171	-4.8	1.0	-1.4	2	J
14												
15												
16												
17												
18												
19												
20												
21	570	6.5	129	J	5.2	-10	149	-4.0	2.5	0.5	2	J
22	568	6.1	112	J	5.2	-15	151	-3.5	2.2	0.1	3	J
23	599	5.5	128	J	5.7	24	39	3.8	1.5	3.4	2	J
					FEB. 13, 1985							44
1	515	4.7	66	J	4.4	4	133	-2.7	2.3	1.7	2	J
2	509	4.3	54	J								
3	507	4.0	81	J	4.9	11	168	-4.6	0.5	1.3	1	J
4					5.1	13	154	-4.5	1.5	1.9	0	J
5					5.0	13	154	-4.4	1.6	1.8	1	J
6					4.8	15	155	-4.1	1.5	1.7	1	J
7					4.5	9	159	-4.1	1.4	1.1	1	J
8												
9												
10												
11					5.4	-2	183	-4.9	-0.2	-0.2	1	J
12												
13												
14												
15					5.8	-12	179	-5.7	0.4	-1.1	1	J
16												
17												
18												
19												
20												
21												
22												
23												
24												
					FEB. 18, 1985							49
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	435	5.6	84	J	5.4	-13	175	-5.1	0.7	-1.1	1	J
12	422	5.3	48	J	4.8	-5	164	-4.3	1.3	-0.2	1	J
13	464	4.1	49	J	5.2	23	74	0.8	2.7	1.7	4	J
14	446	3.8	55	J	4.6	15	100	-0.5	2.9	1.3	3	J
15	443	4.5	66	J	5.0	9	120	-2.3	3.7	1.4	2	J
16	451	4.6	66	J	4.4	13	85	0.3	3.7	1.7	2	J
17												
18												
19												
20												
21												
22												
23												
24												
					FEB. 20, 1985							51
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	342	6.7	30	J	6.6	-5	288	2.0	-5.5	-3.0	1	J
19	339	6.7	25	J	6.4	1	290	2.2	-5.4	-2.5	1	J
20	321	5.8	32	J	5.7	2	310	3.6	-3.9	-1.9	1	J
21	322	5.3	26	J	5.4	7	302	2.8	-4.2	-1.7	1	J
22												
23												
24												

FEB. 21, 1985

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	361	10.1	76	J	8.8	-21	308	5.0	-5.4	-4.6	2	J
16	372	10.6	88	J	8.6	-4	289	2.6	-7.0	-2.7	4	J
17	380	8.0	31	J	9.1	23	267	-0.4	-8.9	0.5	2	J
18	379	10.0	35	J	9.0	37	262	-1.0	-8.4	2.1	2	J
19	389	10.3	50	J	8.7	19	270	-0.0	-7.8	-0.9	4	J
20	377	10.1	33	J	8.8	-19	279	1.3	-5.7	-6.3	2	J
21	385	11.2	28	J	8.3	-10	253	-2.3	-5.8	-5.0	2	J
22	372	14.3	25	J	6.7	-1	289	2.0	-4.8	-3.1	3	J
23	369	12.5	24	J	6.3	2	280	1.1	-5.2	-3.1	1	J
24												

FEB. 22, 1985

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2					6.3	-15	283	1.1	-3.3	-3.6	4	J
3					6.9	-29	25	4.5	3.2	-1.3	4	J
4					5.6	-27	12	4.4	1.9	-1.6	3	J
5					4.3	10	56	2.1	2.6	2.0	2	J
6					4.9	76	221	-0.7	-2.0	3.2	3	J
7					6.1	39	258	-1.0	-5.5	2.0	2	J
8												
9	378	8.2	73	J	4.3	-17	318	3.0	-2.3	-1.8	1	J
10												
11												
12												
13	367	24.0	41	J	4.0	4	112	-1.4	3.3	0.8	2	J
14	368	24.1	37	J	2.9	3	69	0.3	0.7	0.2	3	J
15					5.6	-17	298	2.4	-4.0	-2.5	2	J
16					4.8	-9	260	-0.8	-4.1	-1.8	2	J
17	356	18.7	33	J	4.0	-35	263	-0.3	-1.6	-2.1	3	J
18	357	13.6	27	J	5.4	-35	211	-3.2	-0.9	-3.1	3	J
19	366	14.6	27	J	4.7	-14	171	-4.4	1.1	-0.7	1	J
20	362	14.7	28	J	4.0	-30	181	-2.2	0.5	-1.1	3	J
21												
22												
23												
24												

FEB. 23, 1985

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	349	7.7	21	J	4.1	-21	308	1.6	-1.8	-1.4	3	J
14	345	10.3	21	J	3.7	18	300	1.6	-3.0	0.4	2	J
15	343	10.3	23	J	4.0	17	297	1.7	-3.6	0.3	1	J
16	342	12.1	18	J	4.7	20	304	2.4	-3.9	0.4	1	J
17	351	11.4	19	J	5.9	4	303	3.2	-4.8	-1.3	1	J
18	362	15.3	16	J	7.8	-3	300	3.8	-6.0	-3.0	2	J
19	365	14.6	14	J	7.1	-5	292	2.6	-5.6	-3.4	1	J
20	350	14.8	16	J	5.9	-11	295	2.4	-4.0	-3.4	1	J
21	348	16.1	17	J	5.4	-8	313	3.6	-3.0	-2.6	1	J
22	349	18.1	16	J	5.8	-14	314	3.8	-2.6	-3.3	1	J
23	342	19.9	20	J	6.2	7	320	4.6	-3.7	-1.5	1	J
24	346	23.2	18	J	6.4	-3	313	4.3	-3.7	-2.8	1	J

FEB. 24, 1985

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2					4.7	-27	320	2.9	-1.0	-3.0	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					5.5	-27	74	1.3	4.9	-1.1	2	J
14	408	7.9	69	J	6.4	18	277	0.6	-5.3	0.0	4	J
15	413	10.6	92	J	3.8	2	205	-2.8	-1.3	-0.4	2	J
16	410	10.9	77	J	3.8	-49	245	-0.6	-0.5	-2.0	3	J
17	410	13.1	75	J	3.7	29	161	-1.6	0.1	1.1	3	J
18	414	11.2	72	J	4.9	-17	292	0.9	-1.6	-1.7	4	J
19	418	9.9	43	J	6.8	-7	284	1.6	-5.1	-4.0	1	J
20	413	11.1	37	J	6.0	-3	266	-0.4	-4.9	-3.5	1	J
21	412	11.0	39	J	6.2	-1	270	-0.0	-4.9	-3.3	2	J
22												
23												
24												

FEB. 25, 1985

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2	415	12.2	52	J	6.2	0	287	1.8	-4.9	-3.1	1	J
3					5.9	2	302	3.1	-4.3	-2.3	1	J
4												
5												
6												
7	405	14.2	29	J	9.2	-3	274	0.6	-8.2	-2.9	3	J
8					10.3	-12	293	3.9	-8.5	-4.3	0	J
9					10.7	-14	299	5.0	-8.3	-4.4	3	J
10												
11												
12												
13												
14												
15												
16												
17												
18	435	12.4	226	J	5.6	-16	340	4.9	-1.0	-2.1	1	J
19	435	11.4	184	J	6.3	-2	352	6.1	-0.7	-0.6	1	J
20	440	11.1	154	J	4.7	26	348	3.9	-1.7	1.3	2	J
21	437	10.0	136	J	3.6	19	337	2.8	-1.6	0.3	2	J
22	433	9.2	124	J	3.6	25	332	2.6	-1.9	0.4	2	J
23	422	8.7	85	J	3.2	14	342	2.9	-1.2	0.1	1	J
24	396	11.3	25	J	3.6	10	305	1.9	-2.5	-1.0	1	J

FEB. 26, 1985

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8	379	11.9	26	J	4.6	-8	271	0.1	-2.4	-2.1	3	J
9	387	12.0	24	J	4.5	-8	276	0.5	-3.4	-2.8	1	J
10												
11	375	14.6	27	J								
12	361	13.1	22	J								
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 2, 1985

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7	555	10.5	164	J								
8	553	10.4	168	J	7.5	4	165	-5.8	1.4	0.8	4	J
9	596	9.5	204	J	6.4	-9	160	-2.1	0.8	-0.2	6	J
10	622	7.7	192	J	6.2	39	99	-0.6	2.9	3.6	4	J
11	609	9.4	203	J	5.3	-32	129	-1.7	2.4	-1.3	4	J
12	612	8.8	188	J	5.8	16	85	0.4	4.3	2.2	3	J
13												
14												
15												
16												
17												
18												
19												
20												
21	602	4.3	107	J	7.8	-20	157	-6.6	3.7	-0.7	2	J
22	590	4.3	115	J	7.1	4	158	-6.0	1.8	1.7	3	J
23	608	4.9	142	J	6.4	25	155	-4.1	0.4	2.8	4	J
24	633	5.0	117	J	6.3	22	135	-3.0	1.5	3.1	4	J

MAR. 3, 1985

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2					6.5	36	137	-3.7	0.9	4.9	2	J
3												
4												
5												
6												
7												
8												
9												
10	648	3.7	116	J	4.6	18	33	1.0	0.5	0.5	4	J
11	655	3.2	93	J	4.8	17	350	4.1	-1.0	1.1	2	J
12	629	4.3	177	J	4.4	44	18	2.6	0.3	2.8	2	J
13	606	4.1	121	J	4.6	12	84	0.4	3.6	1.5	2	J
14	586	3.8	111	J	3.6	-8	124	-1.5	2.2	0.1	2	J
15	577	3.9	99	J	3.9	53	118	-0.8	0.9	2.6	3	J
16	565	3.8	89	J	4.1	-10	125	-1.9	2.7	0.2	2	J
17	566	3.8	87	J	4.2	5	137	-2.7	2.3	1.1	2	J
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAR. 4, 1985							63
1												
2												
3	511	4.7	54	J	3.9	5	171	-3.7	0.4	0.6	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12	480	6.8	89	J	3.9	64	60	0.7	0.6	3.1	2	J
13	481	6.7	70	J	3.8	21	60	1.4	2.1	1.6	2	J
14	463	6.5	49	J	4.4	-27	145	-2.9	2.4	-1.3	2	J
15	462	7.6	72	J	4.6	-2	154	-1.8	0.9	0.2	4	J
16	455	8.6	50	J	6.6	28	137	-4.1	2.6	4.0	2	J
17	436	12.6	65	J	6.8	18	137	-4.4	3.1	3.3	3	J
18	432	14.7	49	J	9.0	24	135	-5.6	3.6	5.5	3	J
19	442	21.9	38	J	9.0	0	119	-3.8	6.1	3.1	5	J
20												
21												
22					11.8	-6	148	-9.4	5.5	2.3	4	J
23					12.4	-4	133	-8.4	8.0	4.4	1	J
24												
					MAR. 5, 1985							64
	645	6.7	173	J	7.5	-22	104	-1.4	6.1	1.0	4	J
	611	6.0	160	J	7.2	-2	99	-1.0	5.6	2.9	3	J
	667	6.4	276	J	5.6	-29	352	4.6	0.6	-2.6	2	J
					3.5	9	134	-2.2	2.1	1.0	2	J
					7.9	42	141	-4.0	2.8	5.2	4	J
	571	8.4	215	J	11.4	32	127	-5.5	6.0	7.1	4	J
	582	8.6	280	J	12.2	31	143	-7.1	4.1	6.3	7	J
					9.6	-19	112	-2.3	6.1	-0.7	7	J
	693	6.7	330	J	11.0	10	116	-2.4	4.5	2.3	9	J
	713	6.4	346	J	8.2	16	164	-6.0	1.1	2.3	5	J
					6.8	-30	198	-3.9	-0.3	-2.6	5	J
					5.4	-37	151	-2.8	2.4	-1.5	4	J
	743	3.2	304	J	6.3	-46	167	-3.5	2.4	-2.9	4	J
	703	3.9	105	J	6.3	-15	156	-5.0	2.7	-0.2	3	J
					6.8	7	195	-5.7	-1.7	-0.2	3	J
					6.6	26	179	-5.8	-1.5	2.4	2	J
					MAR. 6, 1985							65
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11					5.1	6	169	-3.3	0.6	0.5	4	J
12	764	3.8	247	J	5.1	24	135	-2.8	2.4	2.3	3	J
13	740	4.0	332	J	5.5	5	142	-4.0	3.0	1.1	2	J
14					5.2	2	98	-0.7	4.5	1.3	2	J
15	764	3.9	281	J	4.8	15	87	0.2	3.3	2.0	3	J
16	693	4.0	175	J	5.9	15	107	-1.1	3.0	2.1	4	J
17	696	4.4	213	J	6.4	16	126	-2.9	3.2	2.8	4	J
18	682	4.3	189	J	7.0	16	142	-4.8	2.7	3.2	3	J
19	661	3.9	189	J	7.4	4	146	-5.3	3.0	2.1	4	J
20	694	4.5	129	J	7.4	-4	122	-3.4	4.9	2.3	4	J
21	668	4.7	227	J	6.9	15	156	-3.4	0.7	1.6	6	J
22	670	4.8	235	J	6.6	-3	143	-4.5	3.0	1.6	3	J
23	686	5.0	203	J	6.4	21	150	-3.8	0.9	2.6	4	J
24												
					MAR. 7, 1985							66
	761	4.3	330	J	5.1	-18	134	-2.6	2.9	0.3	3	J
	746	4.3	365	J	5.2	24	191	-4.0	-1.6	1.1	3	J
	761	4.3	260	J	5.4	10	118	-2.2	2.9	2.9	3	J
	764	4.1	223	J	6.2	16	101	-0.9	3.2	3.9	3	J
	771	4.0	272	J	5.5	-16	148	-2.0	1.4	0.1	5	J
					MAR. 8, 1985							67
1	755	4.2	301	J	5.6	9	180	-3.9	-0.3	0.5	4	J
2	768	3.9	230	J	5.4	41	110	-1.2	1.2	4.4	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	662	2.9	173	J	3.8	8	156	-2.0	0.6	0.7	3	J
23	642	3.1	153	J	3.9	11	183	-3.3	-0.5	0.4	2	J
24	646	3.0	169	J	3.3	17	155	-2.2	0.4	1.2	2	J
					MAR. 9, 1985							68
	653	2.9	137	J	3.1	41	128	-1.1	0.3	2.1	2	J
					MAR. 10, 1985							69
1	483	10.0	35	J	6.5	26	73	1.6	2.8	5.0	3	J
2	476	7.6	35	J	7.2	10	78	1.4	5.1	4.6	2	J
3	480	8.8	32	J	8.5	29	61	3.5	3.5	6.6	2	J
4	481	10.0	27	J	8.6	43	46	4.2	1.3	6.9	3	J
5	482	7.8	29	J	9.0	45	62	2.9	2.5	7.9	2	J
6	495	8.2	29	J	9.0	65	31	3.2	-1.1	8.0	3	J
7	499	9.3	35	J	9.5	71	108	-0.9	0.0	9.0	3	J
8	498	9.7	36	J	9.7	75	298	1.2	-4.6	8.3	2	J
9	495	10.6	28	J	11.0	76	295	1.1	-4.8	9.7	2	J
10	489	8.7	27	J	11.2	80	22	1.7	-1.5	10.3	4	J
11	481	11.4	30	J	11.2	88	74	0.1	-1.9	10.9	1	J
12												
13												
14												
15	441	21.2	88	J	8.5	42	232	-3.8	-6.3	4.0	1	J
16	429	21.9	77	J	10.5	26	222	-6.7	-7.1	2.2	3	J
17												
18	429	17.5	48	J	13.5	36	218	-8.3	-9.1	4.2	4	J
19	434	17.5	46	J	13.9	47	231	-5.8	-10.9	5.3	4	J
20	433	16.5	47	J	14.4	48	229	-6.3	-11.6	5.5	2	J
21	416	22.4	61	J	12.5	15	233	-6.7	-9.2	-2.3	4	J
22	429	13.6	164	J	8.0	-48	236	-2.2	-0.3	-5.4	6	J
23												
24												
					MAR. 14, 1985							73
					3.2	-26	176	-2.0	0.5	-0.8	2	J
					4.5	-20	172	-3.8	1.1	-1.0	2	J
					5.1	-14	204	-3.8	-0.9	-1.8	3	J
	383	16.3	46	J	6.0	-11	174	-5.7	1.1	-0.6	2	J

MAR. 15, 1985 — 74

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8	453	12.2	63	J	10.2	-28	165	-8.4	3.4	-3.9	2	J
9	452	10.3	68	J	9.2	-30	156	-6.3	3.6	-3.2	5	J
10	457	13.0	101	J	8.7	-19	125	-3.6	5.5	-1.0	6	J
11	467	12.0	97	J	8.5	18	52	4.0	4.6	3.1	5	J
12	465	10.9	94	J	7.6	15	338	5.6	-2.5	1.1	5	J
13	479	7.5	135	J	6.4	-17	160	-5.4	2.3	-1.3	2	J
14	467	4.8	93	J	6.4	11	101	-1.1	5.3	2.6	2	J
15												
16	456	4.4	45	J	4.2	30	80	0.6	2.5	3.0	1	J
17	500	4.1	77	J	4.5	24	138	-2.4	1.5	2.2	3	J
18	468	5.2	68	J	4.2	28	92	-0.1	2.3	3.1	2	J
19					4.0	19	44	1.8	1.1	1.6	3	J
20					3.1	14	92	-0.1	1.8	1.8	2	J
21					5.0	27	87	0.2	2.0	3.5	3	J
22					4.6	56	77	0.6	-0.1	4.6	0	J
23												
24												

MAR. 16, 1985 — 75

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
466	8.9	115	J	3.0	25	18	1.5	0.3	0.8	2	J
455	8.5	113	J	3.3	62	63	0.6	0.6	2.9	1	J
450	6.4	119	J	6.9	7	194	-6.5	-1.8	0.5	1	J
438	7.8	95	J	5.4	52	198	-2.5	-1.5	3.1	3	J
423	8.0	63	J	5.5	60	188	-1.9	-1.0	3.2	4	J
458	5.7	94	J	6.8	-17	195	-5.9	-1.1	-2.2	2	J
474	7.9	146	J	7.1	-21	153	-4.6	2.8	-1.2	4	J
475	9.0	92	J	5.8	42	104	-0.8	1.9	3.7	4	J
457	7.4	86	J	5.6	12	151	-2.4	1.0	1.0	5	J
457	6.4	75	J	5.8	8	168	-5.4	0.7	1.2	1	J
				5.8	8	172	-5.4	0.3	1.0	2	J
				5.9	0	167	-5.4	1.1	0.6	2	J
442	9.5	175	J	5.4	20	148	-4.1	1.2	2.9	1	J
461	9.1	134	J	4.7	-8	176	-4.4	0.6	-0.3	1	J
455	8.0	129	J	4.8	-11	191	-4.3	-0.2	-1.2	2	J
				5.6	-14	181	-5.3	0.7	-1.1	1	J

MAR. 17, 1985 — 76

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3	454	6.0	40	J	5.9	-3	174	-5.5	0.6	0.0	2	J
4					4.3	0	167	-4.0	0.8	0.4	1	J
5												
6												
7												
8												
9												
10	413	5.6	34	J	4.6	12	149	-3.6	1.9	1.3	1	J
11					4.7	-9	147	-3.6	2.5	-0.2	1	J
12												
13	403	8.5	32	J	4.2	55	97	-0.3	1.5	3.7	1	J
14	399	8.9	39	J	3.7	27	125	-1.8	2.1	2.2	1	J
15	398	10.4	43	J	3.7	11	139	-2.4	1.8	1.2	2	J
16	400	10.2	34	J	3.8	15	129	-2.2	2.2	1.8	1	J
17	398	13.3	20	J	3.4	15	146	-2.7	1.4	1.5	0	J
18	388	15.9	21	J	3.1	14	146	-2.4	1.2	1.4	1	J
19	383	18.2	23	J	2.5	25	146	-1.9	0.6	1.5	1	J
20												
21												
22												
23					5.1	8	308	2.7	-3.2	-1.5	3	J
24												

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
390	12.7	42	J	7.0	-6	305	4.0	-4.3	-3.8	1	J
391	29.1	41	J	6.3	-3	305	3.6	-4.1	-3.0	2	J
398	30.1	37	J	6.9	-9	328	5.4	-2.4	-2.5	3	J
				5.6	-30	209	-2.6	-0.5	-2.2	5	J
				8.8	-36	190	-6.9	1.0	-5.2	2	J
390	13.4	24	J	4.9	31	331	3.1	-2.2	1.6	3	J
400	11.2	22	J	6.0	38	355	4.6	-1.4	3.3	2	J
399	13.7	24	J	5.2	38	342	3.3	-1.9	2.2	3	J
399	12.7	30	J	5.1	43	27	3.3	0.2	3.8	1	J
392	12.5	38	J	4.6	19	53	2.2	2.1	2.4	3	J
388	11.6	39	J	4.7	-2	83	0.2	1.5	0.8	4	J
394	11.1	46	J	4.1	-38	246	-1.1	-1.1	-3.1	2	J
384	11.5	44	J	4.0	-25	261	-0.5	-2.0	-3.2	1	J
				4.4	-4	265	-0.4	-3.2	-2.5	2	J

MAR. 19, 1985 — 78

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6	399	16.7	53	J	5.2	10	26	4.3	1.7	1.6	2	J
7	394	16.1	40	J	5.1	-7	58	2.5	3.9	0.7	2	J
8												
9												
10												
11					5.0	-36	207	-3.4	-1.1	-3.1	2	J
12	369	14.5	25	J	5.0	-29	208	-3.9	-1.5	-2.8	1	J
13	367	15.0	23	J	4.8	-40	192	-3.4	-0.0	-3.0	1	J
14	366	18.0	28	J	4.6	-19	185	-4.0	0.0	-1.4	2	J
15	368	16.9	50	J	5.3	-1	178	-4.6	0.2	-0.0	3	J
16	381	21.9	37	J	3.6	-48	208	-0.6	-0.0	-0.8	4	J
17	382	26.1	22	J	2.6	-26	40	1.1	1.1	-0.3	2	J
18	385	24.8	19	J	3.2	-47	23	1.8	1.6	-1.6	1	J
19	378	17.5	27	J	4.0	-52	311	1.6	-0.1	-3.6	1	J
20	371	12.2	22	J	5.5	-27	328	4.1	-0.9	-3.4	1	J
21	364	11.4	25	J	5.0	-17	305	2.6	-2.4	-3.2	2	J
22	362	14.0	29	J	3.9	-8	274	0.2	-2.2	-2.0	3	J
23					3.3	-10	275	0.2	-2.0	-2.0	2	J
24					2.9	-5	253	-0.8	-2.1	-1.7	1	J

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
353	11.5	20	J	3.2	4	227	-2.0	-1.9	-1.0	1	J
347	11.7	20	J	3.1	29	228	-1.7	-2.3	0.2	1	J
350	9.7	19	J	3.6	34	207	-2.5	-2.1	1.0	1	J
				3.6	23	250	-1.1	-3.2	-0.2	1	J
				3.3	40	44	1.6	0.6	2.3	2	J
356	17.0	32	J	4.0	39	22	2.6	0.2	2.5	2	J
361	19.9	27	J	4.5	55	311	1.5	-2.7	2.6	2	J
370	23.8	23	J	4.4	77	261	-0.1	-1.5	2.7	3	J
370	25.6	23	J	4.0	31	71	1.1	2.7	2.8	1	J
365	25.6	24	J	2.5	-41	236	-0.9	-1.0	-1.6	1	J
				5.5	31	69	1.6	3.6	3.6	2	J
				6.3	21	94	-0.4	5.2	3.4	1	J
371	13.4	24	J	6.6	-31	149	-4.6	3.4	-2.5	2	J
				7.4	-5	135	-4.6	4.6	0.6	3	J
				5.5	6	196	-5.1	-1.6	0.0	1	J
373	11.4	23	J	5.2	26	114	-1.8	2.6	3.6	2	J
369	10.7	45	J	4.6	19	151	-3.3	1.0	2.0	2	J
365	10.4	24	J	4.5	9	146	-3.5	1.7	1.8	1	J
367	10.8	20	J	4.4	24	146	-3.3	0.9	2.7	1	J
365	10.2	23	J	4.6	5	139	-3.4	2.2	2.0	1	J
366	11.2	23	J	4.7	10	134	-3.1	2.2	2.5	1	J
360	14.5	24	J	4.1	20	164	-3.3	0.1	1.6	2	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	358	15.1	21	J	4.2	11	212	-3.3	-2.2	-0.5	1	J
2	353	14.5	19	J	4.3	-13	203	-3.4	-0.8	-1.5	2	J
3	355	14.2	21	J	4.4	-37	167	-3.3	2.0	-1.9	1	J
4												
5												
6												
7	334	17.0	14	J	3.5	58	318	1.4	-2.1	2.4	0	J
8	335	16.4	14	J	3.7	66	317	1.1	-1.9	2.9	1	J
9	334	18.4	14	J	2.8	71	309	0.5	-1.2	2.1	1	J
10	331	13.8	16	J	3.2	18	346	3.0	-0.9	0.8	0	J
11	330	14.1	16	J	3.3	13	346	3.1	-0.9	0.6	0	J
12					3.2	4	344	3.1	-0.9	0.0	0	J
13												
14												
15	326	27.7	17	J	4.0	24	323	2.8	-2.5	0.9	1	J
16	327	26.1	19	J	3.6	36	300	1.3	-2.7	1.0	2	J
17	320	23.9	22	J	2.8	17	323	1.5	-1.2	0.1	2	J
18	320	18.8	25	J	3.7	19	329	3.0	-2.1	0.3	1	J
19	321	18.1	22	J	4.0	-9	311	2.5	-2.3	-1.9	1	J
20	318	20.1	19	J	3.4	1	323	2.4	-1.6	-0.9	2	J
21	319	22.4	16	J	2.0	14	322	1.3	-1.1	-0.2	1	J
22	328	23.4	14	J	3.8	-39	298	1.0	-0.6	-2.4	3	J
23												
24												

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
336	13.6	22	J	2.9	5	305	1.5	-2.1	-0.7	1	J
332	15.8	18	J	2.8	12	290	0.8	-2.2	-0.3	1	J
332	15.3	18	J	2.1	11	320	1.6	-1.4	-0.0	1	J
331	15.3	16	J	1.6	0	311	0.9	-0.9	-0.3	1	J
330	14.9	15	J	2.0	-18	303	0.6	-0.8	-0.6	2	J
329	16.7	15	J	1.5	-6	316	0.9	-0.8	-0.3	1	J
330	17.6	14	J	1.7	-6	352	1.4	-0.2	-0.2	1	J
326	19.0	18	J	2.0	-18	137	-0.7	0.7	-0.2	2	J
332	18.1	17	J	3.9	-8	223	-2.2	-1.9	-0.9	2	J
339	20.1	20	J	5.8	24	100	-0.9	3.6	3.9	2	J
339	22.7	24	J	5.6	74	337	1.4	-2.8	4.4	2	J
335	20.0	21	J	5.0	63	179	-2.0	-1.8	3.5	2	J
334	16.4	23	J	5.3	44	328	3.2	-3.6	2.1	1	J
332	21.1	13	J	4.5	50	306	1.7	-3.8	1.6	1	J
334	25.6	11	J	4.7	44	299	1.6	-4.2	1.0	1	J
340	27.6	18	J	6.7	28	283	1.3	-6.2	-0.7	2	J
334	27.6	15	J	5.9	-2	260	-1.0	-4.3	-3.2	2	J

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
						MAR. 23, 1985							82
1	324	24.7	14	J		5.6	-4	276	0.5	-3.8	-2.9	3	J
2	318	19.5	14	J		5.8	-29	261	-0.8	-2.7	-4.9	1	J
3	333	19.2	27	J		5.5	-19	297	2.1	-2.8	-3.5	2	J
4	336	21.0	26	J		4.7	26	324	3.1	-2.8	0.6	2	J
5	334	18.2	37	J		4.2	12	143	-2.0	1.1	1.1	3	J
6													
7													
8	326	17.0	23	J		2.8	42	170	-1.9	-0.2	1.8	1	J
9	318	14.7	19	J		3.0	36	201	-1.9	-1.1	1.3	2	J
10	312	15.8	19	J		3.8	30	233	-1.6	-2.4	1.0	2	J
11	307	14.5	20	J		3.8	31	244	-1.1	-2.4	1.0	2	J
12	308	14.5	17	J		3.5	-4	241	-1.2	-2.0	-0.6	3	J
13	308	10.7	18	J									
14	308	14.5	17	J									
15	304	16.8	16	J		3.6	1	280	0.6	-3.2	-0.9	1	J
16													
17													
18													
19													
20													
21													
22													
23													
24													

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
						MAR. 27, 1985							86
	323	19.4	41	J		10.3	29	289	2.6	-8.7	2.1	4	J
	332	26.0	26	J		10.1	48	290	2.3	-8.4	4.9	1	J
						12.2	-9	277	1.4	-10.1	-6.2	3	J
	325	35.8	29	J		10.3	7	279	1.5	-8.9	-3.0	4	J
	327	32.9	31	J		8.5	5	286	2.2	-7.2	-3.1	3	J
	342	33.7	33	J		6.1	-23	270	-0.0	-3.4	-4.6	2	J
	323	32.1	25	J		6.9	29	294	2.1	-5.5	-0.2	4	J
						5.7	-16	288	1.4	-2.9	-3.6	3	J
	315	34.6	28	J		7.2	28	305	3.1	-5.3	-0.2	4	J
	332	29.1	16	J		10.7	-14	279	1.6	-6.9	-7.8	2	J
						MAR. 28, 1985							87
	361	18.2	63	J		5.2	-31	191	-3.7	-0.1	-2.4	3	J
	366	14.6	54	J		5.6	50	66	0.4	0.6	1.4	5	J
	376	13.0	47	J		5.3	33	89	0.1	3.1	3.1	4	J
	379	11.1	36	J		6.5	24	108	-1.8	4.9	3.7	1	J
	373	12.9	25	J		5.6	29	112	-1.8	3.8	3.5	1	J
	376	12.7	23	J		5.2	27	129	-2.9	2.9	3.0	1	J
	384	12.5	41	J		4.9	25	138	-3.0	2.2	2.5	2	J
	390	11.3	51	J		3.5	29	150	-2.4	0.9	1.9	1	J
	387	13.0	44	J		4.9	42	99	-0.4	1.8	3.3	3	J
						8.3	34	356	6.9	-3.0	3.6	1	J
						MAR. 29, 1985							88
	421	8.3	39	J		8.8	34	352	7.2	-3.6	3.5	1	J
	415	7.6	31	J		9.0	22	343	7.5	-3.6	1.5	3	J
						8.0	19	342	7.0	-3.2	1.1	2	J
						5.7	7	62	2.6	4.5	2.0	1	J
						6.7	45	301	1.7	-3.5	2.5	5	J
						7.7	56	328	3.6	-3.5	5.6	2	J
						8.5	57	11	4.3	-0.6	6.7	3	J
	398	8.4	56	J		7.6	43	62	2.6	3.7	6.0	1	J
	398	9.5	74	J		5.6	-2	130	-3.3	3.8	0.7	2	J
	407	8.7	54	J		5.0	24	119	-1.8	2.8	2.4	3	J
	406	7.8	42	J		5.3	-7	132	-3.3	3.6	0.5	2	J
	405	7.7	75	J		6.0	-22	146	-4.2	3.3	-1.0	3	J
	393	8.7	49	J		5.6	3	136	-3.7	3.2	1.6	3	J
						4.7	14	138	-3.0	2.0	2.1	2	J
						4.9	-13	166	-4.3	1.4	-0.4	2	J
						MAR. 30, 1985							89
						4.8	50	48	1.6	1.1	3.3	3	J
	440	8.1	58	J		5.7	39	28	3.8	1.2	3.8	1	J
						5.7	44	104	-0.8	2.5	3.9	3	J
	401	9.5	69	J		6.5	-8	157	-5.7	2.5	-0.4	2	J
	417	9.6	67	J		6.3	5	119	-1.5	2.6	0.9	5	J
	431	10.2	79	J		5.5	47	39	2.3	1.0	3.5	4	J
	450	11.2	78	J		7.3	40	46	3.2	2.1	4.6	4	J
	456	12.4	65	J		5.3	25	41	3.4	2.1	3.0	2	J
	439	13.4	76	J		5.3	18	20	4.5	0.9	2.0	2	J
	435	12.3	78	J		5.0	5	11	4.6	0.6	0.8	2	J
	438	9.3	78	J		7.1	14	124	-3.4	3.7	3.7	3	J
	443	14.7	43	J		5.7	26	352	4.3	-1.6	1.5	3	J
	436	13.7	36	J		6.1	14	24	5.3	1.2	2.5	1	J
						MAR. 31, 1985							90
	474	11.4	100	J		8.8	20	345	7.3	-2.5	2.3	4	J
	484	7.6	89	J		10.6	32	7	8.5	-0.1	5.5	3	J
	481	10.5	187	J		7.7	29	17	5.4	0.9	3.4	5	J
	501	5.4	127	J		8.1	35	68	2.3	4.5	5.6	3	J
						7.9	25	78	1.5	5.7	5.1	1	J
	510	5.8	112	J		8.0	30	66	2.7	4.5	5.7	2	J
	504	6.8	86	J		7.8	14	75	1.9	5.9	4.4	1	J
	499	5.6	83	J		6.4	-31	120	-2.7	5.5	-0.9	1	J
	496	5.3	66	J		6.1	-11	121	-2.9	4.7	1.3	2	J
	507	5.1	68	J		5.3	-11	87	0.2	3.4	1.2	4	J
	502	4.2	52	J		5.9	1	103	-1.3	4.6	3.1	1	J
	495	5.0	68	J		6.4	4	123	-3.4	4.1	3.3	1	J
	457	7.6	65	J		6.0	20	131	-3.5	2.2	3.9	2	J
						6.8	9	131	-4.3	3.5	3.6	2	J
						APR. 1, 1985							91
	446	20.5	129	J		6.6	4	57	1.5	2.0	1.1	6	J
	436	16.9	83	J		7.0	-17	207	-4.4	-1.6	-2.2	4	J
						5.5	-38	205	-3.6	-0.6	-3.4	3	J
						6.1	-11	325	4.5	-2.8	-1.9	3	J
	440	18.9	80	J		7.0	-14	324	5.1	-3.2	-2.4	3	J
	582	14.2	265	J		10.3	-55	234	-2.9	-2.1	-7.8	6	J
	586	12.2	302	J		10.7	-69	226	-1.6	0.1	-6.3	9	J
	619	8.3	336	J		12.2	-13	128	-5.9	7.9	0.4	7	J
	648	7.4	402	J		10.9	11	143	-7.2	4.4	3.7	6	J
	633	5.7	275	J		9.4	-7	141	-6.6	5.2	1.3	4	J
	592	6.4	272	J		9.1	1	128	-5.0	5.6	3.1	4	J
	614	6.7	240	J		8.4	3	126	-4.4	5.0	3.4	4	J
	596	8.8	318	J		8.8	2	157	-6.3	2.1	1.7	5	J
	643	5.5	197	J		8.5	14	157	-6.3	1.3	2.9	5	J
	667	5.3	308	J		6.3	5	125	-3.2	3.5	3.0	3	J
	646	4.4	205	J		7.4	19	126	-3.8	3.1	4.8	3	J
						APR. 2, 1985							92
	596	3.5	111	J		8.0	8	114	-3.1	5.3	4.8	2	J
						7.8	-1	118	-3.6	5.8	3.4	2	J
	595	2.9	79	J		8.4	8	155	-6.9	2.3	2.5	3	J
	695	3.9	231	J		7.3	1	129	-3.8	4.5	1.4	4	J
	750	4.1	260	J		6.6	-3	96	-0.7	6.3	1.1	2	J
	716	5.3	328	J		6.6	0	135	-4.4	4.3	0.9	2	J
						6.4	18	113	-2.3	4.9	3.1	2	J
	692	5.2	291	J		6.0	4	92	-0.2	4.8	1.6	3	J
	726	4.5	350	J		5.5	-9	93	-0.1	2.3	0.3	5	J
	730	4.2	330	J		5.9	10	130	-3.3	3.4	2.1	3	J
	751	4.0	397	J		5.3	-35	104	-0.3	1.2	-0.3	5	J
	726	3.6	268	J		5.1	13	148	-2.7	1.2	1.4	4	J
	720	3.9	316	J		4.4	-21	178	-2.5	0.5	-0.8	3	J
	711	3.6	234	J		4.6	-3	141	-3.3	2.4	1.2	2	J
	736	2.8	223	J		3.8	-16	113	-1.1	2.7	0.7	2	J
	665	3.1	173	J		4.4	-10	147	-3.0	2.0	0.6	3	J
	642	3.2	96	J		6.5	22	143	-4.4	1.5	3.7	3	J
	629	3.9	76	J		8.8	17	134	-5.7	3.5	5.4	2	J

APR. 3, 1985 — 93

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	669	4.5	261	J	6.9	-47	112	-1.5	5.5	-1.6	4	J
2	663	4.3	297	J	7.0	-11	124	-3.4	4.9	1.6	3	J
3	664	4.7	274	J	7.1	51	139	-2.8	-0.1	5.2	4	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	633	4.0	167	J	5.5	9	127	-3.0	3.6	1.9	2	J
16	655	4.2	154	J	5.8	23	111	-1.6	3.2	3.1	3	J
17	637	4.0	117	J	5.7	-24	127	-2.7	4.1	-0.5	3	J
18	656	4.0	110	J	5.5	-18	102	-0.7	3.4	0.4	4	J
19	631	4.0	111	J	5.3	-18	200	-3.6	-0.6	-1.7	3	J
20	624	4.2	105	J	5.3	5	169	-4.4	0.5	0.8	3	J
21	642	4.3	124	J	5.4	13	143	-3.2	1.5	2.1	3	J
22	629	4.4	111	J	5.6	29	216	-3.5	-3.5	0.6	2	J
23	641	4.6	132	J	5.1	29	129	-1.8	1.0	2.6	4	J
24	629	4.5	139	J	4.7	17	141	-2.5	1.1	2.0	3	J

APR. 4, 1985 — 94

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
622	4.3	133	J	4.7	20	150	-2.8	0.7	1.9	3	J
622	4.3	125	J	5.0	37	132	-2.5	0.9	3.9	2	J
607	4.7	171	J	4.9	30	164	-3.4	-0.1	2.3	3	J
617	4.5	154	J	4.6	-49	158	-2.1	1.9	-2.0	3	J
573	4.9	94	J	5.6	-25	144	-3.6	3.1	-1.4	3	J
581	5.1	89	J	5.9	18	127	-3.1	3.7	2.6	2	J
573	3.8	85	J	5.2	-19	170	-4.5	1.1	-1.4	2	J
608	3.6	134	J	5.8	-3	114	-1.8	4.1	0.6	4	J
557	4.0	81	J	5.7	-10	198	-4.8	-1.0	-1.5	3	J
572	3.6	92	J	5.3	-16	201	-3.5	-0.7	-1.6	3	J
570	4.0	69	J	5.5	-12	190	-4.5	-0.2	-1.2	3	J
563	3.9	75	J	5.4	-1	204	-4.2	-1.5	-1.1	3	J
598	4.0	91	J	4.8	12	154	-1.6	0.4	0.7	4	J

APR. 5, 1985 — 95

1	573	4.2	132	J	4.9	1	155	-4.1	1.6	1.1	2	J
2	550	4.6	145	J	4.9	-8	154	-3.9	2.0	0.5	2	J
3	548	4.6	105	J	5.5	-10	152	-3.6	2.0	0.3	4	J
4	544	4.5	86	J	6.2	-16	194	-5.7	-0.5	-2.1	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 9, 1985 — 99

414	21.4	37	J	4.3	-43	228	-2.0	-1.3	-3.3	2	J
418	26.5	60	J	5.3	-12	242	-1.9	-3.3	-1.8	3	J
432	29.4	86	J	8.6	-24	272	0.2	-5.2	-3.9	6	J
446	21.4	75	J	11.8	-18	268	-0.4	-9.8	-5.5	3	J
439	24.9	65	J	12.0	-1	259	-2.3	-11.3	-2.4	3	J
448	29.0	58	J	11.9	7	249	-4.1	-10.8	-0.6	3	J
447	23.3	56	J	14.6	1	260	-2.5	-13.9	-2.7	2	J
447	24.7	64	J	14.6	-15	259	-2.5	-11.8	-6.5	5	J
454	20.9	64	J	14.9	-59	239	-3.0	-2.2	-10.8	10	J
				13.5	-74	146	-3.0	5.9	-11.3	4	J
				9.9	-42	110	-1.7	5.8	-2.4	8	J

APR. 10, 1985 — 100

1											
2											
3	454	7.2	41	J	7.1	7	157	-6.4	2.0	2.0	1	J
4	453	8.7	55	J	6.8	7	156	-5.4	1.9	1.7	3	J
5	432	15.2	55	J	4.6	-4	342	4.3	-1.2	-0.8	1	J
6	424	14.5	52	J	4.6	4	333	3.8	-1.9	-0.4	2	J
7	420	16.1	32	J	4.0	-6	314	2.8	-2.6	-1.2	1	J
8	414	16.2	26	J	3.9	-10	322	2.9	-2.1	-1.2	1	J
9	414	20.6	28	J	4.1	-13	333	3.4	-1.5	-1.2	1	J
10	422	20.7	36	J	4.9	-16	302	2.0	-3.0	-1.7	3	J
11	438	17.7	54	J	5.2	-35	155	-1.0	0.6	-0.7	5	J
12	456	11.3	84	J	5.7	-14	136	-3.7	3.7	-0.6	2	J
13	446	15.0	64	J	4.9	-5	156	-4.1	1.9	-0.0	2	J
14	434	20.4	38	J	2.9	-24	304	0.8	-1.0	-0.9	3	J
15	422	14.8	49	J	5.5	-2	305	3.0	-4.1	-1.3	2	J
16					5.3	4	320	3.7	-3.0	-0.7	3	J
17					3.3	1	127	-1.7	2.1	0.9	2	J
18					4.8	-41	175	-3.1	1.4	-2.3	3	J
19												
20												
21												
22					4.2	-7	213	-3.5	-1.6	-1.7	1	J
23					6.2	18	141	-3.7	1.6	2.9	4	J
24												

APR. 11, 1985 — 101

				5.9	-20	132	-3.1	3.9	0.4	3	J
454	9.2	69	J	5.3	-57	175	-2.3	2.0	-3.0	3	J
452	9.5	96	J	5.8	-37	191	-3.8	0.7	-3.0	3	J
446	9.3	115	J	6.0	-24	157	-4.2	2.5	-1.1	3	J
442	8.2	103	J	5.8	-36	157	-4.0	2.8	-2.3	2	J
447	7.0	79	J	6.1	9	139	-3.9	2.9	1.9	3	J
451	5.9	88	J	6.2	24	150	-4.7	1.9	3.1	2	J
431	5.7	98	J	7.1	5	161	-6.6	2.0	1.2	1	J
423	5.0	37	J	7.4	1	171	-7.2	1.1	0.4	1	J
430	4.8	44	J	7.1	-9	171	-6.8	1.3	-0.9	1	J
456	7.1	46	J	7.2	24	108	-2.0	5.5	3.9	2	J
457	8.1	49	J	6.2	10	130	-3.7	4.2	1.8	2	J
476	6.0	68	J	5.8	-2	148	-4.7	2.9	0.4	2	J
504	4.0	102	J	5.2	0	156	-4.6	2.0	0.5	1	J
				5.8	0	153	-4.0	1.9	0.6	4	J
				4.6	-12	165	-3.4	1.1	-0.4	3	J
578	5.1	105	J	5.1	47	90	0.0	1.3	3.8	3	J
599	3.8	147	J	4.6	48	87	0.1	1.0	3.9	2	J
594	3.5	87	J	4.5	31	80	0.6	2.0	3.7	1	J

APR. 12, 1985 — 102

1											
2											
3	541	4.2	155	J	4.7	8	149	-3.8	1.7	1.6	1	J
4					4.6	24	138	-3.0	1.7	2.8	1	J
5	525	4.1	107	J	5.3	23	133	-3.3	2.5	3.2	1	J
6	517	3.5	56	J	5.4	1	154	-4.8	2.2	0.9	1	J
7	504	3.8	54	J	6.0	13	157	-5.3	1.8	1.9	1	J
8												
9												
10					3.8	12	165	-3.4	0.8	0.9	1	J
11	413	7.3	29	J	4.1	10	172	-3.9	0.4	0.8	1	J
12					4.3	52	171	-2.0	-0.2	2.6	3	J
13					4.1	58	87	0.1	1.3	3.5	2	J
14	415	8.1	40	J	2.8	70	105	-0.2	0.3	2.4	1	J
15	414	7.4	37	J	3.3	71	132	-0.7	-0.1	3.0	1	J
16	450	3.1	54	J	5.0	15	184	-4.4	-0.7	1.0	2	J
17	484	3.3	42	J	5.5	0	181	-5.4	-0.1	-0.0	1	J
18					4.6	-9	177	-4.3	0.5	-0.5	1	J
19	428	2.1	64	J	4.5	3	173	-4.4	0.4	0.5	1	J
20					3.7	6	159	-3.1	0.8	0.9	2	J
21					3.8	36	168	-2.8	-0.6	2.1	2	J
22					3.3	45	153	-2.0	-0.4	2.4	1	J
23												
24												

APR. 13, 1985 — 103

377	7.7	23	J	3.1	31	66	0.5	0.8	1.0	3	J
370	10.3	23	J	2.5	30	177	-1.7	-0.2	1.0	1	J
377	13.1	27	J	2.2	61	68	0.3	0.3	1.4	2	J
				4.1	-2	127	-1.9	2.4	0.4	3	J
				4.2	-4	114	-1.6	3.6	0.4	1	J
393	9.2	35	J	5.5	1	112	-1.6	4.0	0.8	3	J
395	10.7	36	J	4.5	-15	133	-2.8	3.1	-0.5	2	J
383	13.0	58	J	3.0	15	172	-2.6	0.2	0.8	1	J
386	12.2	52	J	3.8	31	157	-2.4	0.6	1.8	2	J
407	14.2	35	J	3.4	-29	170	-2.6	0.9	-1.2	2	J
406	18.2	26	J	3.2	-37	154	-2.2	1.7	-1.3	1	J
402	20.0	36	J	2.9	13	145	-1.8	0.9	1.0	2	J
390	20.9	37	J	3.6	47	144	-1.0	0.0	1.6	3	J
384	13.9	30	J	7.4	28	307	3.8	-6.1	0.4	2	J
383	11.3	28	J	9.3	24	288	2.5	-8.6	-1.0	2	J
379	11.4	27	J	9.8	26	274	0.6	-9.3	-1.1	3	J
377	14.0	52	J	7.7	-28	62	3.1	6.7	0.3	2	J
377	15.8	45	J	7.5	-17	27	3.2	2.0	-0.0	7	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 14, 1985							104
1					6.5	7	275	0.6	-5.9	-2.7	0	J
2												
3												
4												
5												
6												
7												
8	399	6.8	56	J	5.3	-11	308	3.1	-3.7	-1.9	1	J
9	374	8.5	39	J	4.4	-40	292	1.0	-2.0	-2.8	2	J
10	372	7.7	36	J	4.5	-16	309	2.5	-2.8	-1.7	2	J
11	373	10.3	30	J	5.2	-22	302	2.5	-3.6	-2.6	1	J
12	373	12.6	25	J	6.0	-35	310	3.1	-3.0	-4.0	1	J
13	395	9.4	66	J	4.9	-56	357	2.6	0.6	-3.8	2	J
14	392	11.1	72	J	4.0	-29	315	1.5	-1.2	-1.5	3	J
15	397	10.3	62	J	4.3	13	258	-0.7	-3.3	-0.1	3	J
16	402	10.2	52	J	3.8	49	287	0.7	-2.8	1.8	2	J
17	397	12.3	50	J	4.1	14	254	-1.0	-3.5	-0.4	2	J
18	380	16.1	37	J	4.3	15	315	2.3	-2.5	-0.1	3	J
19	379	19.5	37	J	4.4	20	305	1.9	-3.0	-0.2	3	J
20	378	17.9	25	J	4.9	20	311	2.8	-3.5	-0.2	2	J
21	380	12.2	32	J	5.2	-1	77	0.8	2.9	1.7	4	J
22	379	10.2	25	J	4.8	-15	118	-2.1	4.0	1.1	1	J
23	381	9.8	28	J	4.5	-10	115	-1.8	3.6	1.5	1	J
24	376	10.0	37	J	4.0	-5	156	-3.5	1.5	0.6	1	J
					APR. 15, 1985							105
	378	9.5	25	J	4.7	-8	127	-2.5	3.1	1.2	2	J
	377	7.8	29	J	5.0	-12	170	-4.5	1.2	-0.5	2	J
	383	7.8	44	J	4.2	-16	127	-2.4	3.4	-0.2	0	J
	381	8.5	35	J	3.5	-20	106	-0.8	3.1	-0.4	2	J
	374	10.7	25	J	2.6	-5	109	-0.7	2.1	0.2	1	J
	368	13.6	22	J	2.9	-2	138	-1.9	1.7	0.2	1	J
	362	14.6	24	J	2.3	-5	159	-2.0	0.8	-0.1	1	J
	357	11.9	28	J	2.8	-3	169	-2.6	0.5	-0.1	1	J
	360	8.0	45	J	3.9	5	177	-3.9	0.1	0.4	1	J
	348	12.6	32	J	2.9	-5	159	-2.7	1.1	-0.0	1	J
	342	14.7	19	J	2.7	7	177	-2.7	0.1	0.4	0	J
	340	14.8	16	J	2.7	3	175	-2.7	0.2	0.2	0	J
	338	14.9	18	J	2.6	24	161	-2.0	0.3	1.1	1	J
	349	12.7	22	J	3.5	40	106	-0.7	1.4	2.9	1	J
	345	13.2	24	J	3.3	64	183	-1.2	-1.2	2.1	2	J
	339	15.5	22	J	2.5	44	218	-1.3	-1.7	0.9	1	J
	339	18.8	21	J	1.2	-5	229	-0.3	-0.2	-0.2	1	J
	345	19.8	22	J	2.1	14	278	0.2	-1.4	-0.5	2	J
	352	24.7	28	J	2.2	-55	247	-0.4	0.0	-1.9	1	J
	346	24.0	26	J	2.1	29	75	0.4	0.8	1.6	1	J
					APR. 16, 1985							106
1	348	25.1	30	J	1.8	5	79	0.3	1.3	1.0	1	J
2	343	23.9	23	J	2.2	55	79	0.2	0.1	1.5	2	J
3	347	23.3	25	J	2.8	-15	196	-1.8	-0.2	-0.7	2	J
4												
5												
6												
7												
8												
9												
10												
11	372	21.1	32	J	8.1	-34	149	-5.0	3.7	-3.4	4	J
12	371	15.3	36	J	7.7	-25	119	-2.2	4.3	-1.4	6	J
13	363	17.6	40	J	6.2	-30	112	-1.7	4.6	-1.8	3	J
14												
15												
16												
17	363	14.3	57	J	5.2	-2	167	-5.0	1.1	0.2	1	J
18	369	15.9	66	J	4.6	7	154	-3.3	1.3	1.1	3	J
19	376	15.3	44	J	4.9	34	100	-0.5	1.5	2.8	4	J
20	381	15.5	40	J	4.1	51	3	1.9	-1.1	2.1	3	J
21	374	13.0	34	J	4.8	12	107	-1.0	2.5	2.4	3	J
22	367	11.0	41	J	5.0	-34	130	-2.0	3.1	-0.5	3	J
23	382	6.6	59	J	5.7	-19	158	-4.8	2.6	-0.5	2	J
24	394	8.5	55	J	4.8	30	302	0.5	-1.0	0.0	5	J
					APR. 17, 1985							107
	389	10.0	62	J	4.1	-6	110	-0.6	1.5	0.7	4	J
	391	7.6	38	J	7.1	-1	100	-1.2	5.9	3.2	2	J
	390	7.0	35	J	6.5	29	72	1.7	3.3	5.2	2	J
	397	7.9	52	J	5.1	32	77	0.9	2.6	4.0	2	J
					APR. 21, 1985							111
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	473	29.6	125	J	8.7	-62	330	2.3	-0.5	-5.1	7	J
11	464	19.9	178	J	7.8	-1	286	1.0	-3.3	-0.6	7	J
12	482	10.4	245	J								
13	486	11.1	177	J	8.8	-39	192	-6.4	-0.4	-5.4	2	J
14	497	9.0	138	J	8.7	-29	197	-6.3	-1.2	-3.9	4	J
15	510	7.1	95	J	8.6	-40	210	-5.6	-1.8	-6.0	2	J
16	521	6.0	56	J	8.1	-39	214	-5.0	-1.8	-5.6	2	J
17					7.5	-22	209	-5.6	-2.0	-3.5	3	J
18					7.5	-42	189	-5.4	1.1	-4.8	2	J
19												
20												
21	515	5.6	83	J	6.3	-29	166	-4.9	2.5	-1.8	2	J
22					5.6	-18	202	-4.4	-0.7	-2.2	3	J
23					6.0	63	58	1.4	-0.9	5.7	1	J
24	521	5.8	99	J	5.2	25	155	-3.6	0.5	2.5	3	J
					APR. 22, 1985							112
	510	5.6	49	J	5.1	2	165	-4.4	0.9	0.7	2	J
					6.3	41	121	-1.9	2.2	3.8	4	J
					6.6	37	128	-3.0	3.0	4.4	3	J
					6.0	-2	161	-5.3	1.8	0.3	2	J
					6.6	34	132	-2.9	2.0	3.8	4	J
					6.0	74	114	-0.7	-1.7	5.5	1	J
	507	9.4	133	J	6.8	34	137	-3.0	0.9	3.8	5	J
					6.2	-13	170	-5.5	1.5	-0.6	2	J
					APR. 23, 1985							113
1					6.5	-27	153	-4.4	3.2	-1.0	4	J
2	523	7.6	141	J	5.7	36	252	-1.1	-4.0	0.6	4	J
3												
4												
5												
6												
7												
8												
9												
10					5.3	5	158	-4.1	1.6	0.6	3	J
11	518	6.7	157	J	5.1	23	177	-2.9	-0.0	1.3	4	J
12					5.3	43	151	-1.5	0.6	1.7	5	J
13	569	6.6	113	J	6.1	56	107	-0.7	1.6	3.6	5	J
14					6.5	27	108	-1.5	4.1	3.3	3	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					APR. 24, 1985							114
	544	5.6	122	J	6.7	-26	199	-5.4	-1.0	-3.2	2	J
	538	5.5	113	J	5.7	-29	217	-3.6	-2.0	-3.1	2	J
	545	4.6	122	J	4.9	-15	200	-3.6	-1.1	-1.3	3	J
	547	5.7	96	J	6.0	35	226	-3.1	-3.7	2.5	3	J
	512	4.5	67	J	5.4	3	193	-5.1	-1.2	0.1	1	J
	524	3.6	71	J	6.0	-21	168	-4.9	1.3	-1.8	3	J
	527	4.0	140	J	5.7	1	186	-4.8	-0.5	0.0	3	J
	532	3.9	129	J	6.1	-2	151	-5.0	2.8	0.2	2	J
	539	4.0	83	J	5.8	1	133	-3.5	3.7	0.8	3	J
	512	4.0	95	J	6.0	1	152	-5.1	2.6	0.7	2	J
	528	4.5	134	J	6.1	6	151	-4.9	2.4	1.3	2	J
	524	4.5	143	J	6.3	-8	156	-5.6	2.6	0.0	1	J
					5.3	35	312	2.4	-3.5	1.1	3	J
					5.6	74	129	-0.8	-1.3	4.1	3	J
					5.5	68	144	-1.5	-1.4	4.4	3	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3	553	4.5	90	J	5.6	-52	158	-2.9	2.8	-3.1	2	J
4	549	4.7	91	J	5.8	12	123	-2.2	2.8	2.1	4	J
5	549	5.4	110	J	5.5	18	105	-1.1	3.4	2.7	3	J
6	544	4.7	99	J	5.4	13	139	-2.9	2.2	1.6	4	J
7	522	5.2	101	J	6.2	-20	138	-4.1	4.0	-1.0	2	J
8	523	5.2	87	J	6.6	-30	135	-3.6	4.1	-2.1	3	J
9	526	5.8	99	J	6.3	38	143	-3.1	1.8	3.4	4	J
10	511	6.1	65	J	6.2	-17	158	-5.1	2.3	-1.3	3	J
11	524	6.1	69	J	7.0	-45	160	-4.4	2.2	-4.4	2	J
12	520	6.0	73	J	6.3	-38	173	-4.2	1.0	-3.2	3	J
13	510	6.0	74	J	6.2	3	177	-4.1	0.2	0.2	5	J
14	511	6.2	71	J	5.5	24	142	-3.1	2.1	2.2	3	J
15	523	6.3	92	J	5.4	8	117	-2.2	4.0	1.6	2	J
16	554	6.6	97	J	5.3	6	103	-0.9	3.8	1.5	3	J
17					4.9	54	137	-1.0	0.3	2.1	4	J
18					5.2	47	261	-0.5	-4.2	2.0	2	J
19												
20												
21												
22												
23												
24												

APR. 26, 1985 — 116

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5					9.7	41	122	-1.2	1.1	2.4	9	J
6	620	13.7	321	J	8.6	1	232	-4.2	-5.2	-1.4	5	J
7	628	16.4	322	J	7.4	21	227	-3.4	-4.0	1.0	5	J
8	613	15.8	381	J	9.6	32	199	-5.0	-2.3	2.9	7	J
9	634	13.9	302	J	10.3	-16	103	-1.3	5.8	-0.7	8	J
10	644	11.5	292	J	9.7	-17	114	-2.8	6.4	-1.2	7	J
11	684	13.6	302	J	7.7	42	59	2.8	3.9	5.4	3	J
12	648	13.9	317	J	7.7	14	37	5.7	4.0	2.4	2	J
13	631	15.5	256	J	8.1	24	72	2.0	5.7	3.8	4	J
14	615	14.0	255	J	11.1	50	59	3.5	4.3	9.0	3	J
15	607	11.7	242	J	12.0	69	354	4.2	-2.9	10.7	2	J
16	600	10.9	185	J	13.8	71	331	3.9	-5.5	11.8	2	J
17	599	8.4	355	J	11.9	72	76	0.7	-0.2	9.4	7	J
18	590	7.9	378	J	10.5	24	88	0.2	3.5	3.6	9	J
19	593	7.2	268	J	12.6	48	118	-4.0	2.8	11.6	1	J
20					7.4	61	147	-2.2	-0.9	4.9	5	J
21					11.5	-53	171	-6.3	5.0	-6.9	4	J
22	610	3.0	65	J	11.9	-46	151	-7.1	7.7	-5.2	2	J
23	605	2.3	59	J	11.9	-32	138	-7.5	9.0	-1.9	1	J
24	608	2.4	55	J	12.0	-22	133	-7.4	9.1	0.3	2	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	598	4.1	48	J	11.2	-17	142	-8.0	7.0	0.4	4	J
2												
3												
4												
5												
6												
7					6.1	-27	164	-5.2	2.6	-1.7	0	P
8					7.2	-29	165	-6.1	3.0	-2.3	1	P
9					7.3	-30	155	-5.3	3.8	-1.9	1	P
10					8.1	-14	167	-7.6	2.4	-0.9	1	P
11					8.4	-19	172	-7.6	2.2	-1.8	1	P
12					7.5	-32	205	-5.7	-0.6	-4.7	0	P
13					7.3	-28	181	-6.4	1.5	-3.0	1	P
14	544	2.9	37	J	8.7	-11	201	-7.7	-2.6	-2.1	3	J
15	543	2.8	35	J	8.7	-20	196	-7.7	-1.5	-3.3	2	J
16	546	3.8	35	J	10.4	-12	167	-9.5	2.7	-1.4	3	J
17	544	4.3	43	J	10.7	7	163	-9.7	2.4	2.1	3	J
18	530	4.5	52	J	10.4	4	174	-9.9	0.7	1.0	3	J
19	522	3.4	62	J	10.4	-14	177	-10.0	1.5	-2.0	2	J
20	521	3.2	62	J	10.5	-5	170	-9.9	2.0	0.0	3	J
21	502	2.8	45	J	10.3	-16	175	-9.8	2.1	-2.0	1	J
22	497	2.5	35	J	9.7	-7	172	-9.4	1.7	-0.3	1	J
23	581	3.9	55	J	9.4	-50	231	-1.7	-0.2	-3.8	8	J
24	636	4.7	89	J	8.9	-34	355	6.4	1.7	-4.0	5	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	636	4.6	93	J	9.9	-28	347	8.4	0.5	-5.0	2	J
2	629	4.3	78	J	10.0	-30	334	7.6	-1.1	-6.1	2	J
3					7.9	-72	241	-0.8	1.0	-5.2	3	P
4					8.9	-26	157	-7.3	4.6	-2.0	0	P
5					8.9	-15	166	-7.9	2.7	-1.1	1	P
6					8.6	-32	156	-6.5	4.5	-2.6	1	P
7												
8												
9												
10												
11												
12												
13					9.4	-24	137	-6.2	6.8	-0.8	0	P
14					9.4	-32	191	-7.4	0.9	-4.8	1	P
15					7.8	-12	115	-3.3	6.9	1.7	0	P
16					7.2	-5	121	-3.7	5.7	2.2	0	P
17	501	7.0	86	J	6.8	16	127	-3.1	3.5	2.7	4	J
18	491	6.9	109	J	7.2	-7	141	-5.2	4.3	0.8	3	J
19	504	7.5	121	J	6.5	-7	208	-3.5	-1.5	-1.2	5	J
20	504	6.6	129	J	5.5	11	137	-2.7	1.9	1.8	4	J
21	508	6.7	116	J	6.7	18	119	-2.7	3.3	3.9	3	J
22	517	6.1	117	J	8.0	-2	115	-3.1	5.8	3.1	3	J
23	519	6.1	118	J	9.2	-1	111	-3.1	7.0	3.9	3	J
24	508	6.2	126	J	10.4	-11	129	-6.1	7.4	2.1	4	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	556	6.3	113	J	11.5	-23	140	-7.2	7.2	-0.6	5	J
2					11.1	-9	129	-6.4	7.8	2.2	4	J
3					11.0	-10	134	-7.4	7.7	1.5	2	J
4					9.2	-42	163	-6.3	4.4	-4.5	1	P
5					8.2	-49	164	-4.8	3.8	-4.5	1	P
6					7.3	5	132	-4.7	4.5	2.9	0	P
7					6.0	45	121	-2.2	1.4	5.3	0	P
8					5.4	25	145	-4.0	1.5	3.3	0	P
9					5.6	42	154	-3.7	0.0	4.1	0	P
10					5.8	37	170	-4.5	-0.8	3.4	0	P
11					5.8	34	157	-4.2	0.2	3.6	0	P
12					5.8	19	127	-3.3	3.1	3.7	0	P
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20					7.3	30	43	4.5	2.2	4.9	1	P
21					7.5	4	124	-3.8	5.0	2.9	1	P
22					8.0	8	128	-4.8	5.1	3.6	0	P
23					7.2	19	137	-4.8	3.1	4.1	0	P
24					6.6	22	125	-3.4	3.4	4.3	0	P

MAY 1, 1985 — 121

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					6.9	25	127	-3.8	3.3	4.8	0	P
2					6.9	21	103	-1.5	4.6	4.9	0	P
3					6.5	4	113	-2.5	5.1	2.9	0	P
4					5.8	9	108	-1.8	4.6	3.1	0	P
5					5.7	10	105	-1.4	4.4	3.2	0	P
6					5.8	11	89	0.1	4.6	3.4	1	P
7					5.3	3	84	0.5	4.5	2.5	0	P
8					5.9	2	87	0.3	5.2	2.6	0	P
9					6.9	6	80	1.2	5.8	3.6	1	P
10					7.8	-17	69	2.7	7.2	0.9	1	P
11					9.0	8	58	4.8	6.2	4.4	0	P
12					9.9	16	62	4.4	6.4	6.1	0	P
13					10.0	6	53	5.9	6.7	4.2	1	P
14					11.2	26	52	6.1	4.9	7.7	1	P
15					11.6	22	47	7.0	5.0	7.0	1	P
16					12.3	54	19	6.8	-2.2	10.0	1	P
17												
18					12.8	52	355	7.8	-4.9	8.8	2	P
19					12.1	48	354	8.1	-4.5	7.7	1	P
20					11.9	44	353	8.4	-4.5	7.1	0	P
21					11.8	38	346	9.1	-5.1	5.7	0	P
22					11.9	40	342	8.5	-5.8	5.7	0	P
23					11.8	37	324	7.6	-8.0	4.1	0	P
24					11.4	20	309	6.7	-9.1	0.1	0	P

MAY 2, 1985 — 122

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					10.5	13	308	6.0	-8.0	-1.1	1	P
2					10.3	11	301	4.9	-8.1	-1.7	1	P
3					9.4	-26	280	1.4	-5.5	-6.7	1	P
4					9.2	-34	273	0.4	-4.7	-7.9	0	P
5					9.3	-11	285	2.3	-7.1	-5.2	0	P
6					9.1	-45	269	-0.1	-3.2	-8.5	1	P
7					5.8	-50	269	-0.1	-1.5	-5.1	1	P
8					4.6	-39	355	2.3	0.6	-1.8	2	P
9					5.3	-42	290	0.7	-1.0	-2.6	4	P
10					7.4	-28	275	0.5	-4.5	-5.9	1	P
11												
12												
13												
14												
15					6.3	-5	165	-5.9	1.7	0.2	0	P
16					6.2	-3	152	-5.4	2.7	0.9	0	P
17					6.4	-4	141	-5.0	3.9	1.3	0	P
18					6.1	1	141	-4.7	3.4	1.7	0	P
19					5.4	22	141	-3.9	2.0	3.1	0	P
20					4.3	14	156	-3.8	1.1	1.7	0	P
21					4.2	9	163	-3.9	0.8	1.1	1	P
22					5.0	5	165	-4.7	1.0	0.9	0	P
23					3.7	17	195	-1.4	-0.5	0.2	3	P
24					4.1	1	161	-3.7	1.1	0.6	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 3, 1985							123
1					5.7	8	161	-5.3	1.3	1.5	1	P
2					5.3	12	162	-4.9	1.0	1.6	0	P
3					5.2	13	155	-4.6	1.5	1.9	0	P
4					4.8	7	163	-4.4	1.0	1.1	0	P
5					5.0	9	181	-4.9	-0.3	0.7	1	P
6					5.2	8	177	-5.1	-0.1	0.7	0	P
7					4.0	17	176	-3.8	-0.2	1.1	0	P
8	450	12.8	67	J	3.5	-1	182	-2.9	-0.1	-0.1	1	P
9	434	11.3	50	J	4.5	-12	147	-3.7	2.5	0.1	1	P
10	441	12.7	36	J	5.5	-27	172	-4.6	0.9	-2.3	2	J
11	455	20.0	31	J	3.7	-41	163	-2.3	0.9	-2.0	2	J
12	458	23.1	26	J	2.0	-45	174	-1.3	0.3	-1.3	1	J
13	453	23.5	25	J	1.9	-29	174	-1.7	0.3	-0.9	1	J
14	457	18.5	28	J	2.1	-17	165	-1.7	0.5	-0.5	1	J
15	452	23.7	32	J	2.3	-37	157	-1.3	0.8	-1.0	1	J
16	454	24.0	29	J	3.5	-48	156	-1.9	1.4	-2.0	2	J
17	441	23.8	37	J	4.2	-21	110	-1.0	3.0	-0.3	3	J
18	434	19.3	45	J	3.2	11	179	-2.7	-0.1	0.5	2	J
19	429	20.3	34	J	2.4	-25	109	-0.4	1.1	-0.1	2	J
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 4, 1985							124
	372	10.8	23	J	6.7	29	341	5.5	-3.1	2.0	1	J
	382	14.3	41	J	6.8	34	323	4.2	-4.4	1.8	2	J
	374	13.4	27	J	7.7	8	321	5.8	-4.7	-0.9	1	J
	374	14.5	45	J	6.1	-11	355	5.5	-0.1	-1.2	3	J
	358	7.3	38	J	5.7	13	325	4.2	-3.2	0.2	2	J
	353	8.1	37	J	6.9	-2	313	4.4	-4.5	-1.4	2	J
	391	10.1	64	J	7.1	-5	288	1.8	-5.2	-1.6	4	J
	389	11.9	69	J	6.2	-10	301	2.9	-4.6	-1.8	3	J
	376	12.3	32	J	7.4	-14	299	3.3	-5.7	-2.5	2	J
	382	13.4	30	J	8.0	-31	270	0.0	-6.0	-4.5	3	J
	376	15.1	26	J	7.4	-23	300	2.9	-4.8	-3.0	4	J
	373	15.0	23	J	7.4	-22	299	3.2	-5.5	-3.3	2	J
	375	13.5	25	J	7.0	-31	293	2.3	-5.0	-4.2	1	J
					6.9	-26	302	3.1	-4.5	-3.5	2	J
					6.6	-43	305	2.2	-2.4	-4.1	4	J
					6.3	-17	303	2.7	-3.6	-2.4	4	J
					3.6	8	24	3.1	1.1	1.0	1	P
					5.3	2	27	4.6	2.1	1.1	0	P
					4.4	-8	30	3.7	2.2	0.3	1	P
					2.5	-37	40	1.2	1.4	-0.7	1	P
					2.3	11	153	-1.7	0.7	0.7	1	P
					2.4	16	145	-1.9	0.9	1.1	0	P
					2.0	22	153	-1.7	0.5	1.0	0	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 5, 1985							125
1					2.1	8	172	-1.9	0.1	0.4	1	J
2					1.4	-5	159	-1.1	0.4	0.1	1	J
3	373	17.2	22	J	1.1	-44	189	-0.6	0.2	-0.6	1	J
4	371	16.2	20	J	1.2	2	229	-0.5	-0.6	-0.2	1	J
5					2.3	-7	321	1.3	-0.9	-0.6	2	P
6	398	8.3	52	J	3.7	19	290	1.1	-3.2	0.3	1	J
7	391	7.6	63	J	3.8	10	313	2.3	-2.5	0.1	2	J
8	381	6.2	44	J	3.5	12	321	2.4	-2.1	0.3	1	J
9					3.4	14	283	0.7	-2.9	-0.5	1	P
10					4.3	7	310	1.8	-2.0	-0.5	2	P
11					3.9	32	335	1.5	-1.1	0.7	2	P
12					3.5	9	306	1.8	-2.4	-0.5	1	P
13					3.8	4	352	3.4	-0.5	0.0	1	P
14					3.3	-36	348	2.6	0.2	-2.0	1	P
15					2.6	-32	16	1.7	0.9	-0.8	1	P
16					3.3	-12	333	2.8	-1.1	-1.1	0	P
17					3.0	-21	331	2.4	-0.8	-1.5	0	P
18					5.7	-16	333	4.8	-1.7	-2.4	1	P
19					6.3	-6	316	4.2	-3.5	-2.2	1	P
20					6.0	-22	332	4.9	-1.5	-3.0	1	P
21					3.6	-2	0	3.3	0.1	-0.1	1	P
22					2.7	-13	4	1.2	0.2	-0.2	2	P
23					2.7	30	354	2.0	-0.6	1.0	1	P
24					4.9	-24	333	1.7	-0.5	-1.2	4	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 6, 1985							126
					7.8	-18	327	5.7	-2.7	-3.6	2	P
	405	14.2	91	J	8.4	-10	325	2.2	-1.2	-1.1	8	J
	447	13.3	109	J	8.7	-29	360	7.2	1.5	-3.7	3	J
	445	10.5	144	J	6.9	-22	353	5.2	0.1	-2.2	4	J
	452	9.5	97	J	4.4	7	273	0.1	-2.7	-0.5	4	J
	472	7.3	99	J	5.5	-7	260	-0.7	-3.8	-1.5	4	J
	502	5.4	97	J	5.9	-6	311	3.0	-3.3	-1.2	4	J
	520	6.6	149	J	4.3	0	5	4.0	0.3	0.1	2	J
	516	5.7	93	J	3.3	30	29	2.0	0.9	1.4	2	J
	507	5.1	92	J	3.0	6	356	2.8	-0.2	0.3	1	J
	502	5.8	95	J	3.8	8	350	3.0	-0.6	0.4	2	J
	503	7.0	113	J	2.7	19	181	-2.1	-0.1	0.7	2	J
	468	9.0	80	J	2.7	24	191	-1.3	-0.3	0.6	2	J
	461	8.6	52	J	4.3	36	177	-1.2	-0.1	0.9	4	J
	461	8.3	53	J	3.5	24	177	-2.4	-0.1	1.1	3	J
	453	6.6	59	J	4.0	6	349	3.5	-0.8	0.2	2	J
	460	7.0	61	J	3.0	-9	333	2.0	-0.9	-0.6	2	J
	439	6.3	55	J	1.9	57	256	-0.1	-0.9	0.7	2	J
	420	8.6	38	J	2.1	40	77	0.2	0.6	1.1	2	J
	426	7.6	45	J	3.2	21	130	-1.5	1.2	1.6	2	J
	437	6.5	41	J	3.8	10	187	-3.2	-0.6	0.3	2	J
					4.6	17	62	1.7	2.2	2.4	3	J
					4.2	-20	339	3.3	-0.7	-1.7	1	P
					5.1	11	275	0.3	-2.9	-0.6	2	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 7, 1985							127
1					6.2	-12	299	2.4	-3.6	-2.5	2	P
2					6.5	-13	333	5.6	-2.1	-2.5	0	P
3					5.6	-12	348	5.3	-0.6	-1.5	0	P
4					6.3	-15	4	6.1	1.0	-1.4	1	J
5					5.4	-6	355	5.1	-0.3	-0.6	2	J
6	423	5.5	35	J	4.9	14	14	4.4	0.8	1.4	1	J
7	443	7.4	59	J	3.9	68	322	0.8	-1.1	2.3	3	J
8	441	7.2	72	J	4.1	57	257	-0.4	-1.9	2.2	3	J
9	436	6.4	47	J	4.7	41	223	-2.4	-2.5	2.5	2	J
10	426	7.3	50	J	4.2	21	286	1.0	-3.6	1.1	2	J
11	443	6.5	39	J	4.1	31	272	0.1	-3.6	1.8	1	J
12	437	6.3	84	J	4.0	15	327	3.0	-2.0	0.8	2	J
13	429	5.9	60	J	4.5	20	313	2.8	-3.1	1.2	1	J
14	433	5.8	49	J	4.7	17	293	1.7	-4.2	0.8	1	J
15	432	5.8	60	J	4.3	17	296	1.8	-3.8	0.6	1	J
16	433	5.7	47	J	4.4	16	287	1.2	-4.1	0.3	1	J
17	439	5.4	80	J	4.1	-2	310	2.1	-2.4	-0.8	2	J
18	439	5.8	84	J	4.1	8	270	0.0	-3.0	-0.6	3	J
19	471	6.5	58	J	4.1	7	238	-2.1	-3.3	-0.8	1	J
20	421	6.8	40	J	4.3	21	275	0.3	-4.0	-0.3	2	J
21	423	7.3	41	J	4.6	4	256	-1.1	-3.9	-1.7	2	J
22	422	7.8	39	J	5.1	-2	266	-0.3	-4.1	-2.3	2	J
23	420	8.6	42	J	5.0	22	230	-2.9	-3.9	0.0	1	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 8, 1985							128
	389	13.7	38	J	3.4	9	218	-1.8	-1.4	-0.1	3	J
	386	13.0	29	J	3.3	-6	210	-1.8	-0.9	-0.5	3	J
	396	11.4	48	J	4.9	9	2	4.6	0.0	0.8	2	J
	390	11.5	34	J	4.9	-8	348	4.6	-0.8	-0.8	1	J
	384	14.4	42	J	2.7	26	5	1.8	0.0	0.9	2	J
	372	12.5	39	J	3.6	-37	248	-0.6	-1.3	-1.4	3	J
	380	12.6	26	J	4.1	-23	4	3.3	0.4	-1.4	2	J
	367	11.0	21	J	3.8	-12	31	3.1	1.9	-0.6	1	J
	364	11.3	22	J	3.4	3	18	1.3	0.4	0.1	3	J
	354	10.4	21	J	3.6	21	203	-2.9	-1.3	1.1	1	J
	345	11.3	26	J	4.1	-49	269	0.0	-2.2	-3.2	1	J
	348	13.3	35	J	3.7	-42	327	2.2	-1.0	-2.6	1	J
	363	16.4	22	J	4.2	-31	294	1.4	-2.5	-2.6	1	J
	364	21.5	22	J	5.5	-53	288	0.9	-1.6	-4.4	3	J
	379	21.0	25	J	6.3	16	218	-4.7	-4.0	0.4	1	J
	377	18.8	23	J	6.2	3	212	-5.2	-3.1	-0.9	1	J
	374	20.7	22	J	4.7	3	222	-3.0	-2.5	-0.9	3	J
	349	20.5	19	J	3.5	5	357	3.3	-0.3	0.2	1	J
	348	22.6	22	J	4.0	-4	324	3.0	-1.8	-1.2	2	J
	360	20.4	18	J	4.7	3	230	-2.8	-3.0	-1.3	2	J
	357	20.2	21	J	4.2	-6	251	-1.4	-3.3	-2.2	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 9, 1985							129
1	347	20.4	18	J	3.9	-11	251	-1.1	-2.5	-2.0	2	J
2	347	20.4	20	J	4.2	-14	230	-2.6	-2.4	-2.2	1	J
3	345	21.6	22	J	4.4	-13	221	-3.2	-2.2	-1.9	1	J
4	339	26.2	19	J	4.7	-22	218	-3.4	-1.9	-2.5	1	J
5	345	31.4	22	J	5.1	-27	211	-3.8	-1.6	-2.8	1	J
6	352	30.9	29	J	5.4	-30	202	-4.3	-1.1	-3.0	1	J
7	353	33.7	23	J	3.9	-28	207	-2.9	-1.1	-2.0	1	J
8	352	18.8	29	J	6.6	7	234	-3.5	-4.9	0.1	3	J
9	344	20.8	25	J	6.4	-24	227	-3.7	-3.7	-2.8	2	J
10	340	17.4	19	J	6.5	-4	219	-5.0	-4.0	-0.8	0	J
11												
12					6.4	-5	214	-4.9	-3.0	-1.6	1	P
13					6.0	6	210	-5.1	-3.0	0.4	1	J
14	343	12.0	21	J	5.7	1	202	-5.2	-2.1	-0.2	1	J
15	339	11.3	20	J	5.1	-7	192	-4.9	-0.9	-0.8	1	J
16	339	14.1	15	J	4.8	-13	187	-4.6	-0.3	-1.2	1	J
17	338	13.1	16	J	4.0	-27	180	-3.5	0.5	-1.7	0	J
18	338	13.2	16	J	3.6	-42	172	-2.6	1.1	-2.1	1	J
19	338	13.2	16	J	3.3	-54	112	-0.7	2.5	-1.7	1	J
20	335	12.4	15	J	1.9	-25	158	-1.2	0.7	-0.3	1	J
21	334	11.4	18	J	2.3	17	200	-1.8	-0.8	0.2	1	J
22					1.9	-27	122	-0.8	1.5	-0.3	0	P
23	347	11.5	24	J	2.7	-19	122	-1.3	2.2	0.2	1	J
24	337	12.7	16	J	3.0	-6	138	-2.2	1.9	0.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 10, 1985							130
	339	13.0	18	J	2.8	-11	148	-2.3	1.5	0.2	1	J
	341	12.4	21	J	2.4	-6	149	-2.0	1.2	0.3	1	J
	337	11.7	17	J	2.6	4	149	-2.1	1.1	0.6	1	J
	334	11.6	14	J	2.4	13	154	-2.0	0.8	0.8	0	J
	332	11.1	13	J	2.3	1	147	-1.9	1.2	0.4	1	J
	331	10.3	12	J	2.6	11	153	-2.3	1.0	0.7	1	J
	332	10.3	13	J	2.8	14	164	-2.6	0.6	0.8	0	J
	331	11.3	12	J	3.1	20	169	-2.9	0.4	1.1	1	J
	332	12.4	13	J	3.1	24	178	-2.8	0.0	1.3	0	J
	332	15.3	13	J	2.8	46	174	-1.9	0.0	2.0	1	J
	336	17.2	16	J	3.9	71	184	-1.2	-0.3	3.5	1	J
	338	15.7	19	J	4.1	47	269	0.0	-2.8	2.7	1	J
	336	16.8	28	J	3.7	36	292	1.0	-2.5	1.7	2	J
	335	17.7	19	J	4.7	41	280	0.6	-3.8	2.7	1	J
	333	19.7	24	J	5.8	30	298	2.3	-4.7	2.1	1	J
	327	19.6	24	J	5.4	14	295	2.1	-4.7	0.3	1	J
	324	18.3	25	J	4.9	21	278	0.6	-4.3	0.4	2	J
	325	17.8	24	J	4.9	15	253	-1.2	-4.1	-0.2	2	J
	319	16.3	22	J	4.9	-19	270	0.0	-3.3	-2.9	2	J
	326	22.9	19	J	4.6	34	279	0.5	-3.4	0.6	3	J
	328	22.1	21	J	5.5	-5	270	0.0	-4.6	-2.8	1	J
	326	22.3	19	J	4.6	0	264	-0.4	-3.4	-1.8	3	J
	330	21.5	18	J	4.8	32	293	1.3	-3.6	0.4	3	J
	348	9.6	33	J	7.0	39	85	0.4	2.7	6.0	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 11, 1985							131
1	339	8.2	34	J	7.5	14	99	-1.0	5.2	4.4	3	J
2	333	11.9	42	J	5.5	-10	105	-1.2	4.5	1.1	3	J
3					4.8	-2	111	-1.7	4.2	1.3	1	P
4					4.9	11	114	-1.8	3.4	2.0	1	P
5					4.1	19	281	0.4	-2.6	0.0	2	P
6					4.0	-11	279	0.6	-3.3	-1.9	1	P
7					4.2	-40	285	0.8	-2.0	-3.5	0	P
8	333	19.5	15	J	5.5	-8	283	1.0	-4.4	-1.2	3	J
9	336	15.3	20	J	5.4	-37	168	-2.3	0.7	-1.8	5	J
10	351	10.0	35	J	5.9	46	111	-1.4	3.4	4.4	2	J
11	352	11.6	48	J	5.2	23	127	-2.7	3.5	2.1	2	J
12	372	10.3	43	J	5.7	6	151	-4.8	2.6	0.7	2	J
13	373	9.9	43	J	5.3	1	180	-5.1	0.0	0.1	1	J
14	373	10.1	28	J	5.5	-11	180	-5.4	0.1	-1.0	1	J
15	368	10.9	26	J	6.0	-17	165	-5.4	1.7	-1.5	1	J
16	363	11.5	29	J	5.4	-5	146	-4.0	2.8	0.1	2	J
17	349	12.9	31	J	4.0	8	113	-1.0	2.3	1.0	3	J
18					2.4	-39	113	-0.5	1.4	-0.6	2	J
19	336	21.7	14	J	2.5	43	103	-0.3	0.9	1.9	1	J
20	335	21.4	18	J	2.1	34	8	1.4	-0.2	0.9	1	J
21	333	21.6	18	J	2.0	15	342	1.4	-0.6	0.2	2	J
22	335	22.5	16	J	4.3	7	129	-2.4	2.5	1.8	2	J
23	340	23.2	15	J	3.9	11	130	-2.5	2.3	2.0	1	J
24	337	25.2	14	J	4.1	81	70	0.1	-0.8	2.6	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 12, 1985							132
1	340	21.7	22	J	4.5	1	307	2.6	-3.1	-1.4	1	J
2	337	23.0	15	J	5.3	16	318	3.6	-3.5	0.0	2	J
3												
4												
5												
6												
7												
8					8.3	-14	336	7.2	-2.5	-2.8	2	P
9					6.6	-27	348	5.7	-0.2	-3.2	0	P
10					6.4	-19	330	5.2	-2.2	-2.8	0	P
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 13, 1985							133
1					6.2	-21	320	4.4	-2.9	-3.2	0	P
2					6.2	-11	321	4.7	-3.3	-2.3	0	P
3					6.3	-9	318	4.5	-3.5	-2.1	0	P
4					6.8	-17	332	5.8	-2.3	-2.8	0	P
5					6.3	-34	339	4.8	-0.7	-3.9	0	P
6					6.9	-18	329	5.6	-2.5	-3.0	0	P
7					6.5	-2	306	3.7	-4.8	-1.8	0	P
8					6.2	-5	312	3.9	-4.0	-1.8	1	P
9					5.7	-25	340	4.7	-0.9	-2.7	0	P
10					5.5	-11	327	4.5	-2.5	-1.9	0	P
11					5.4	-15	12	4.5	1.3	-0.9	1	P
12					5.2	-12	338	4.3	-1.3	-1.5	1	P
13					4.6	-13	314	3.1	-2.7	-2.0	1	P
14					5.6	-5	312	3.6	-3.7	-1.7	0	P
15					6.1	5	288	1.8	-5.6	-1.2	0	P
16					6.5	-3	293	2.5	-5.5	-2.0	0	P
17					6.6	-1	288	2.0	-5.8	-2.0	0	P
18					6.7	-9	287	2.0	-5.7	-2.8	0	P
19					6.4	-12	306	3.5	-4.3	-2.7	0	P
20					7.3	-6	281	1.4	-6.3	-2.7	0	P
21					7.5	-4	300	3.6	-5.8	-2.4	1	P
22					8.1	-12	304	4.4	-5.7	-3.5	0	P
23					8.3	-8	310	5.2	-5.6	-2.9	0	P
24					8.7	-7	318	5.9	-4.8	-2.6	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 14, 1985							134
1					8.4	-3	307	4.6	-5.8	-2.1	1	P
2					8.3	-30	344	6.8	-0.7	-4.5	1	P
3					8.7	-26	352	7.7	0.1	-4.0	0	P
4					8.8	14	299	3.8	-7.2	-0.2	1	P
5					8.9	38	262	-0.9	-8.1	3.3	0	P
6					8.7	23	285	2.0	-8.3	1.0	0	P
7					8.3	13	308	3.9	-5.1	-0.1	2	P
8					8.1	5	323	4.1	-3.0	-0.4	4	P
9					7.8	8	318	5.3	-4.9	-0.4	1	P
10					8.3	15	327	6.7	-4.7	0.8	0	P
11					8.3	8	343	7.9	-2.7	0.4	0	P
12					8.2	11	339	7.4	-3.1	0.6	0	P
13					7.8	15	322	5.9	-5.0	0.6	0	P
14					7.5	10	321	5.7	-4.8	-0.1	0	P
15					7.5	7	298	3.5	-6.5	-1.1	0	P
16					7.7	8	296	3.3	-6.9	-1.0	0	P
17					7.4	5	297	3.3	-6.4	-1.3	1	P
18					6.9	5	289	2.1	-6.3	-1.3	1	P
19					6.8	10	305	3.8	-5.5	-0.5	1	P
20					6.4	18	319	4.4	-4.2	0.7	1	P
21					5.7	24	305	2.8	-4.6	0.9	0	P
22					5.8	23	301	2.6	-4.7	0.8	1	P
23					5.5	17	324	4.2	-3.3	0.7	0	P
24					5.3	4	321	4.0	-3.3	-0.6	0	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 15, 1985							135
1					5.5	-10	346	4.9	-0.9	-1.2	1	P
2					6.1	-25	2	5.0	0.8	-2.2	1	P
3					5.2	-14	301	1.8	-2.7	-1.7	2	P
4					6.8	6	239	-1.8	-3.0	-0.5	4	P
5					5.8	-8	247	-1.2	-2.6	-1.2	4	P
6					6.2	25	252	-1.5	-5.1	0.9	1	P
7					6.0	6	228	-3.6	-4.0	-0.5	2	P
8					4.9	-4	229	-2.5	-2.7	-1.0	1	P
9					5.8	-38	351	4.2	0.3	-3.4	1	P
10					5.9	-29	340	4.4	-0.8	-3.0	1	P
11					4.8	7	301	2.2	-3.6	-0.5	1	P
12					6.4	-14	335	5.5	-2.0	-2.2	0	P
13					6.1	-36	357	4.8	0.7	-3.4	0	P
14					6.1	-18	30	4.9	3.3	-1.0	1	P
15					5.9	-19	358	5.3	0.4	-1.8	1	P
16					5.2	0	287	1.3	-4.0	-1.1	1	P
17					5.5	30	237	-2.5	-4.4	1.5	1	P
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 16, 1985							136
1	434	5.2	83	J	5.7	18	322	3.7	-3.2	0.2	2	J
2	433	5.1	67	J	6.3	25	304	2.6	-4.4	0.5	3	J
3												
4												
5												
6												
7					7.0	-18	313	3.6	-3.5	-2.4	5	J
8												
9												
10					4.9	24	349	4.4	-1.4	1.7	0	P
11					3.5	13	329	2.8	-1.9	0.0	1	J
12	440	12.5	115	J	6.3	-17	305	2.6	-2.7	-2.8	4	J
13					7.9	19	254	-1.7	-6.1	-0.6	5	J
14	425	17.1	99	J	6.7	52	242	-1.6	-4.5	2.6	4	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 17, 1985							137
1	427	15.7	101	J	6.6	60	227	-2.0	-4.0	3.8	3	J
2	418	14.2	88	J	6.8	45	267	-0.2	-6.0	2.5	2	J
3	422	12.8	96	J	6.6	50	247	-1.5	-4.7	3.0	3	J
4	427	10.7	121	J	6.1	42	246	-1.7	-4.6	2.4	3	J
5	425	9.1	124	J	5.2	59	279	0.4	-3.4	3.5	2	J
6	437	8.8	151	J	5.0	51	256	-0.6	-3.0	2.6	3	J
7					5.7	49	257	-0.7	-3.5	3.2	3	J
8	435	6.8	83	J	5.9	56	288	0.8	-3.0	3.8	3	J
9					6.2	0	10	5.7	1.0	0.1	2	J
10	418	7.6	101	J	7.0	-22	340	5.7	-2.0	-2.5	2	J
11					6.5	14	276	0.4	-3.9	0.9	5	J
12	409	10.6	80	J	6.6	13	278	0.8	-5.4	1.1	4	J
13	403	10.6	102	J	6.8	-20	308	3.4	-4.2	-2.2	3	J
14					6.8	-47	323	3.7	-2.4	-5.2	1	J
15					5.3	-15	308	2.7	-3.1	-2.0	1	P
16					5.2	10	306	2.9	-4.1	-0.1	0	P
17					5.4	-5	318	3.9	-3.3	-1.4	0	P
18					5.5	33	255	-1.1	-4.9	1.7	1	P
19					5.9	36	270	0.0	-5.3	2.1	1	P
20					6.4	24	278	0.8	-6.1	1.1	0	P
21					6.3	0	245	-2.6	-5.3	-1.3	0	P
22					6.2	1	228	-4.0	-4.4	-1.1	1	P
23					5.6	-12	275	0.4	-4.2	-2.1	1	P
24	369	9.9	44	J	7.3	-9	303	3.9	-5.0	-3.6	0	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 18, 1985							138
1	372	11.5	39	J	7.4	-1	301	3.6	-5.4	-2.5	2	J
2	368	11.7	51	J	7.9	-2	313	5.0	-4.9	-2.2	3	J
3	372	13.6	63	J	7.1	55	332	3.0	-3.1	4.1	4	J
4	350	13.9	89	J	5.9	9	337	4.9	-2.2	0.2	2	J
5	353	10.6	49	J	7.2	19	306	3.4	-5.1	0.9	4	J
6	356	10.7	49	J	7.0	15	318	4.2	-4.0	0.8	4	J
7	344	10.6	55	J	7.3	-6	3	7.1	0.5	-0.7	2	J
8	357	12.3	107	J	7.4	10	298	3.1	-5.9	0.6	3	J
9	380	9.8	37	J	8.0	23	273	0.4	-7.3	2.7	2	J
10	383	8.3	36	J	9.4	15	274	0.6	-9.1	2.2	1	J
11	377	9.2	41	J	9.5	9	287	2.7	-8.9	1.3	2	J
12	365	10.4	64	J	8.6	-8	291	3.0	-7.7	-1.3	2	J
13	365	9.9	82	J	8.0	-13	304	4.2	-6.2	-2.0	2	J
14	368	9.3	65	J	7.2	-24	301	3.2	-5.1	-3.1	2	J
15					6.7	3	315	4.6	-4.5	-0.7	1	P
16					8.8	17	300	4.0	-7.3	0.7	1	P
17					8.6	-29	310	4.8	-4.5	-5.3	0	P
18					8.3	-41	334	5.4	-1.4	-5.8	0	P
19					7.9	-35	348	6.2	-0.3	-4.7	0	P
20					8.0	-25	351	7.0	-0.3	-3.4	0	P
21					8.4	-36	359	6.7	1.1	-4.7	0	P
22					7.9	-43	340	5.4	-0.6	-5.7	0	P
23					7.8	-41	330	5.1	-1.6	-5.6	0	P
24					7.5	-38	343	5.7	-0.6	-4.8	0	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 19, 1985							139
1	348	6.7	38	J	8.9	-31	346	7.0	0.1	-4.7	3	J
2	339	6.7	29	J	8.5	-35	349	6.4	0.5	-4.7	3	J
3	337	7.0	26	J	8.3	-24	334	6.7	-2.0	-4.2	2	J
4	342	6.5	26	J	8.1	-3	320	6.0	-4.7	-1.8	2	J
5	340	6.2	30	J	7.7	-8	320	5.3	-4.1	-2.0	3	J
6	337	6.1	26	J	7.7	-32	330	5.6	-2.5	-4.5	2	J
7	335	6.1	29	J	7.1	-37	340	5.2	-1.3	-4.4	2	J
8	356	6.4	47	J	5.9	-38	326	3.3	-1.9	-3.3	3	J
9	328	6.4	29	J	6.9	-33	356	5.7	-0.2	-3.7	1	J
10	322	7.2	29	J	7.1	-25	346	6.2	-1.5	-3.0	1	J
11	335	8.1	33	J	8.2	-12	330	6.6	-3.8	-1.7	3	J
12	336	7.6	24	J	8.2	-5	312	5.3	-5.8	-0.8	3	J
13	360	8.0	20	J	8.1	-12	301	3.8	-6.3	-1.8	3	J
14	347	7.4	18	J	7.7	-30	342	6.3	-1.8	-3.9	1	J
15	353	8.0	19	J	7.3	-15	311	4.3	-4.7	-2.3	3	J
16	360	6.6	16	J	7.5	-17	304	4.0	-5.5	-3.1	1	J
17					5.9	-25	312	3.6	-3.3	-3.3	0	P
18					5.8	-49	290	1.3	-2.5	-5.0	0	P
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 20, 1985							140
1												
2												
3												
4												
5	325	11.7	13	J	6.5	9	320	4.8	-4.2	-0.3	1	J
6	319	8.6	14	J	7.1	17	311	4.3	-5.3	0.6	1	J
7	318	8.4	16	J	7.2	24	315	4.6	-5.1	1.8	1	J
8	320	7.9	15	J	7.4	39	333	5.0	-3.3	4.0	1	J
9	323	6.9	18	J	7.5	13	323	5.6	-4.4	1.1	2	J
10	320	7.3	19	J	7.5	15	323	5.7	-4.4	1.6	1	J
11	311	7.4	22	J	7.1	24	330	5.6	-3.4	2.7	1	J
12	307	7.1	15	J	6.8	24	332	5.3	-2.9	2.6	1	J
13	309	8.1	17	J	6.5	23	326	5.0	-3.4	2.5	1	J
14												
15												
16	320	8.5	22	J	7.1	46	327	4.1	-2.9	4.9	1	J
17	334	13.0	19	J	7.0	61	322	2.6	-2.6	5.6	2	J
18	352	10.2	27	J	7.0	85	266	0.0	-1.5	6.2	3	J
19	370	19.5	22	J	3.9	3	134	-2.5	2.5	0.7	2	J
20	371	21.4	23	J	4.5	8	135	-3.1	2.8	1.4	1	J
21	368	20.6	30	J	4.2	11	142	-3.2	2.1	1.6	0	J
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 21, 1985							141
1												
2												
3												
4												
5	361	9.1	44	J	5.2	-10	149	-4.4	2.8	-0.3	1	J
6	363	9.0	40	J	4.9	-7	137	-3.5	3.3	0.0	1	J
7	361	9.3	36	J	4.9	35	149	-3.2	1.6	2.8	2	J
8	362	9.2	37	J	4.7	33	135	-2.7	2.5	2.7	1	J
9	363	9.6	42	J	4.6	23	135	-2.7	2.7	1.7	2	J
10	359	9.0	50	J	5.1	24	138	-3.3	3.0	2.0	2	J
11	361	9.6	53	J	5.5	11	138	-3.9	3.5	1.0	2	J
12	369	12.3	39	J	6.8	-11	141	-5.0	4.1	-1.3	2	J
13	373	13.6	33	J	7.2	-19	135	-4.7	4.8	-2.2	1	J
14	373	13.7	29	J	7.2	-10	124	-3.9	5.8	-0.9	2	J
15	373	14.5	36	J	6.5	1	133	-3.7	3.9	0.5	4	J
16	373	15.0	44	J	6.8	-28	150	-5.0	3.3	-2.6	2	J
17	372	15.3	49	J	6.7	-33	173	-5.2	1.3	-3.2	2	J
18	378	18.2	56	J	7.0	-36	185	-4.1	0.4	-3.0	5	J
19					6.4	16	101	-0.8	3.6	2.5	5	J
20					6.4	7	136	-4.4	3.7	2.2	2	J
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 22, 1985							142
1												
2												
3												
4												
5												
6												
7												
8	382	6.7	54	J	3.7	-15	115	-1.0	2.1	-0.5	3	J
9	373	6.8	55	J	3.5	-2	134	-2.2	2.3	0.0	2	J
10	376	8.1	44	J	3.7	2	102	-0.6	2.9	0.1	2	J
11	377	8.3	42	J	3.6	39	20	2.4	0.9	2.1	2	J
12	375	8.5	39	J	3.6	56	22	1.8	0.7	2.8	1	J
13	360	8.4	68	J	3.9	22	131	-1.9	2.2	1.2	2	J
14	362	8.6	61	J	3.3	6	138	-2.1	1.9	0.4	2	J
15	359	9.3	78	J	3.8	5	164	-3.6	1.0	0.4	1	J
16	357	10.0	69	J	4.0	8	154	-3.5	1.6	0.8	1	J
17	351	11.3	65	J	3.8	24	173	-3.2	0.1	1.5	1	J
18	354	13.7	69	J	5.2	1	178	-5.0	0.1	0.1	2	J
19	360	15.5	62	J	5.8	-18	171	-5.3	1.3	-1.4	2	J
20	350	16.9	87	J	5.4	-11	187	-4.9	-0.2	-1.1	2	J
21	356	15.3	69	J	5.5	-16	165	-5.0	1.8	-0.9	1	J
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 23, 1985							143
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	331	9.8	23	J	3.3	-15	129	-1.9	2.4	-0.9	1	J
13	333	9.7	22	J	2.9	3	125	-1.3	1.8	0.1	2	J
14	329	9.2	23	J	3.3	2	140	-2.0	1.7	0.1	2	J
15	325	10.2	32	J	3.6	-8	158	-3.0	1.3	-0.4	1	J
16	325	12.1	36	J	3.7	16	182	-3.3	-0.2	0.9	1	J
17	328	12.0	35	J	4.3	-2	150	-3.5	2.0	0.3	1	J
18	331	13.7	29	J	3.6	-6	133	-2.2	2.4	0.3	1	J
19	325	13.9	31	J	4.3	36	183	-3.2	-0.9	2.2	2	J
20	324	13.7	39	J	3.7	-2	181	-3.4	0.0	-0.1	1	J
21	330	14.5	31	J	3.7	-19	152	-2.4	1.5	-0.4	2	J
22												
23												
24					4.3	-31	126	-1.9	2.9	-1.5	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 24, 1985							144
1	335	18.6	18	J	5.1	-5	91	-0.1	4.4	1.3	2	J
2	336	18.8	18	J	5.4	-4	108	-1.6	4.7	1.3	2	J
3	337	25.6	17	J	4.4	44	101	-0.3	0.9	1.7	4	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	328	21.6	16	J	3.7	5	145	-2.9	2.0	0.7	1	J
19	326	23.4	21	J	3.6	-1	160	-3.3	1.2	0.2	1	J
20					3.6	0	145	-2.9	1.9	0.6	1	J
21					4.6	9	202	-2.6	-1.1	0.3	2	P
22					6.3	1	198	-5.3	-1.7	-0.2	2	P
23					6.3	33	166	-5.0	0.7	3.5	1	P
24					8.0	40	183	-6.0	-1.1	5.0	0	P
					8.3	31	153	-6.4	2.5	4.7	0	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 25, 1985							145
1					8.6	18	141	-6.2	4.6	3.3	0	P
2					7.7	2	115	-3.2	6.8	1.3	0	P
3					7.6	-2	110	-2.6	7.0	0.8	0	P
4					7.9	13	115	-3.2	6.6	2.7	1	P
5					7.8	26	108	-2.1	6.1	4.3	0	P
6					8.7	27	120	-3.7	5.8	4.7	0	P
7					8.9	26	127	-4.8	5.8	4.7	0	P
8					8.4	31	148	-6.0	3.1	4.8	0	P
9					7.4	30	137	-4.6	3.7	4.2	1	P
10					6.8	29	124	-3.0	4.0	3.6	1	P
11					6.5	17	112	-2.3	5.4	2.7	0	P
12					6.4	25	104	-1.3	5.2	3.4	0	P
13					6.2	28	133	-3.2	3.0	2.9	1	P
14					6.7	43	117	-2.1	3.6	5.0	0	P
15					7.3	5	119	-3.3	5.8	1.4	1	P
16					6.9	-23	133	-2.4	2.8	-1.1	4	P
17					7.1	71	184	-1.8	-0.9	5.2	2	P
18					8.2	35	163	-6.2	1.3	4.8	1	P
19					8.2	21	173	-7.5	0.4	3.0	1	P
20					6.4	7	220	-3.7	-3.1	0.1	2	P
21					7.8	12	172	-5.4	0.6	1.3	3	P
22					7.8	-50	156	-2.5	1.5	-3.0	4	P
23					9.6	16	120	-4.4	7.2	3.7	1	P
24					9.2	-20	111	-3.0	8.2	-1.9	3	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 26, 1985							146
1					9.3	-22	111	-2.8	7.8	-2.3	2	P
2					9.6	9	145	-7.6	5.2	2.1	0	P
3					8.9	7	143	-6.9	5.0	1.8	1	P
4					7.1	14	123	-3.5	5.1	2.2	1	P
5					6.9	21	72	2.0	5.7	3.2	0	P
6					6.9	12	124	-3.6	5.1	2.0	0	P
7					7.7	14	143	-5.9	4.1	2.4	1	P
8					6.3	21	109	-1.7	4.8	2.7	1	P
9					6.8	20	106	-1.7	5.5	3.0	1	P
10					6.3	30	115	-2.3	4.4	3.7	0	P
11					6.2	23	88	0.2	5.3	3.1	0	P
12					4.9	5	163	-4.3	1.3	0.6	1	P
13					4.6	10	106	-1.1	3.8	1.2	1	P
14					5.3	-13	97	-0.6	5.1	-0.5	0	P
15					5.5	1	98	-0.6	4.3	0.6	1	P
16					5.2	-24	102	-0.8	4.2	-1.3	1	P
17					4.9	5	149	-4.1	2.4	0.7	1	P
18					5.3	-40	53	2.5	3.6	-2.9	0	P
19					5.6	-21	99	-0.7	4.4	-1.1	1	P
20					4.7	18	150	-3.8	2.0	1.7	1	P
21					4.3	60	173	-1.9	-0.2	3.3	1	P
22					3.5	-10	114	-1.2	2.8	-0.2	1	P
23					3.5	14	130	-2.0	2.2	1.1	1	P
24					3.5	37	141	-2.0	1.3	2.1	0	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 27, 1985							147
1					3.4	23	168	-2.8	0.5	1.3	1	P
2					4.3	22	192	-3.8	-1.0	1.5	0	P
3					3.8	28	123	-1.2	1.7	1.4	2	P
4					4.2	-6	82	0.5	3.9	0.1	0	P
5					3.7	4	82	0.5	3.2	0.6	1	P
6					3.1	8	125	-1.6	2.3	0.7	0	P
7					3.6	-5	125	-1.8	2.6	0.0	1	P
8					3.6	30	83	0.4	2.8	2.1	0	P
9					3.0	-7	75	0.7	2.5	0.0	1	P
10					7.3	6	173	-6.4	0.7	0.7	12	P
11					3.1	29	172	-2.5	0.2	1.4	0	P
12					3.5	8	193	-3.1	-0.7	0.4	1	P
13					3.3	-27	195	-2.7	-0.6	-1.5	0	P
14					2.9	56	101	-0.2	1.0	2.0	1	P
15					3.0	-7	194	-2.8	-0.6	-0.4	0	P
16					2.8	9	168	-2.6	0.5	0.5	0	P
17					2.9	-4	151	-2.5	1.4	0.0	0	P
18					3.8	9	183	-3.4	-0.2	0.5	1	P
19					3.7	12	150	-3.1	1.7	1.0	1	P
20					3.5	3	155	-3.1	1.5	0.4	0	P
21					3.8	15	171	-3.6	0.5	1.0	1	P
22					4.2	32	169	-3.5	0.4	2.3	0	P
23					4.6	23	155	-3.7	1.5	1.9	0	P
24					4.7	5	163	-4.4	1.3	0.6	0	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 28, 1985							148
					5.4	1	164	-5.1	1.4	0.3	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 29, 1985							149
1					8.6	-5	145	-7.0	5.0	-0.3	0	P
2					7.4	11	115	-2.6	5.4	1.6	2	P
3	468	11.2	95	J	6.7	53	50	2.3	1.4	5.3	3	J
4	438	9.9	99	J	6.4	15	121	-2.9	4.4	2.5	3	J
5	420	8.7	75	J	6.1	-6	150	-4.5	2.6	-0.1	3	J
6	433	8.3	73	J	6.2	29	101	-0.9	4.1	3.0	3	J
7	419	7.6	75	J	5.7	0	117	-2.3	4.5	0.3	2	J
8	419	6.7	60	J	5.0	-15	138	-3.1	2.8	-1.1	2	J
9	419	6.4	61	J	4.1	34	143	-2.5	1.9	2.1	1	J
10	412	6.4	47	J	4.4	40	146	-2.3	1.7	2.3	2	J
11	422	5.4	44	J	5.5	69	315	1.3	-1.1	4.9	2	J
12	411	5.3	32	J	6.0	78	222	-0.9	-0.5	5.9	0	J
13					4.9	32	127	-2.5	3.1	2.8	0	P
14					4.9	12	114	-1.9	4.2	1.4	0	P
15					4.0	3	117	-1.8	3.5	0.5	0	P
16					4.3	-19	126	-2.3	3.3	-1.0	0	P
17					4.6	-23	157	-3.6	1.7	-1.5	1	P
18					4.0	-14	165	-3.6	1.0	-0.9	0	P
19					3.7	1	96	-0.3	3.3	0.4	0	P
20					3.8	-14	107	-1.1	3.5	-0.6	0	P
21					3.7	-25	74	0.9	3.2	-1.2	0	P
22					3.5	-11	117	-1.4	2.8	-0.4	1	P
23	372	6.0	33	J	4.0	22	137	-2.6	1.8	2.3	1	J
24	368	5.4	39	J	4.5	21	152	-3.7	1.3	2.2	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 30, 1985							150
	364	5.8	71	J	4.5	19	150	-3.7	1.5	2.1	1	J
	361	6.0	69	J	4.8	23	148	-3.7	1.6	2.4	1	J
	365	6.0	64	J	4.7	23	149	-3.6	1.6	2.3	1	J
	353	7.3	48	J	4.2	7	128	-2.3	2.7	1.1	2	J
	345	9.3	31	J	4.1	12	172	-3.9	0.4	0.9	1	J
	340	11.9	20	J	3.6	4	210	-3.0	-1.8	0.1	1	J
	338	12.9	16	J	3.4	4	183	-2.4	-0.1	0.2	2	J
	336	12.8	16	J	3.5	6	138	-2.4	2.2	0.4	1	J
	333	15.4	16	J	3.7	2	95	-0.3	3.5	0.0	1	J
	328	10.9	14	J	3.8	-6	137	-2.5	2.3	-0.5	2	J
	332	16.6	16	J	4.6	-22	162	-3.2	0.9	-1.4	3	J
	327	14.7	19	J	5.4	-16	178	-5.2	0.1	-1.5	1	J
	330	14.7	23	J	5.1	12	146	-3.9	2.7	0.9	2	J
					4.2	20	129	-2.2	2.8	1.3	2	J
	324	19.5	21	J	3.5	11	124	-1.7	2.5	0.7	2	J
	316	21.4	21	J	3.0	8	132	-1.8	1.9	0.5	1	J
	314	19.8	15	J	3.1	21	154	-2.3	1.0	1.2	1	J
	310	19.7	16	J	3.5	13	159	-3.2	1.0	1.0	0	J
					3.4	16	82	0.5	3.2	1.2	0	P
					3.6	-16	61	1.5	2.7	-0.6	1	P
					4.0	-21	347	3.4	-0.7	-1.4	0	P
					3.7	5	309	2.3	-2.8	0.1	1	P
					3.9	18	285	1.0	-3.6	0.9	1	P
	304	23.7	17	J	4.6	35	304	1.3	-2.4	0.9	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 31, 1985							151
1					4.9	14	84	0.5	4.5	1.4	1	P
2					4.1	-43	330	1.5	-0.8	-1.6	3	P
3	326	20.3	16	J	6.3	14	103	-1.3	5.2	2.9	2	J
4	328	22.0	19	J	4.8	7	108	-1.0	3.0	1.0	4	J
5	329	23.4	21	J	4.4	-60	203	-1.7	-0.2	-3.4	3	J
6	333	27.2	14	J	3.6	-44	148	-2.1	1.5	-2.2	1	J
7	333	28.9	13	J	3.9	-29	181	-3.2	0.0	-1.8	2	J
8	333	28.6	13	J	3.6	17	204	-3.0	-1.3	1.0	1	J
9	328	25.7	13	J	3.2	21	171	-2.9	0.5	1.1	1	J
10	332	24.6	13	J	3.3	30	187	-2.8	-0.3	1.7	1	J
11	329	21.5	14	J	3.6	24	194	-3.2	-0.7	1.5	0	J
12	329	22.7	14	J	2.6	6	206	-2.1	-1.0	0.3	1	J
13	324	21.5	18	J	2.0	-16	226	-1.3	-1.3	-0.5	1	J
14	317	19.8	16	J	2.0	23	255	-0.4	-1.4	0.7	1	J
15	314	18.2	16	J	3.5	17	284	0.8	-3.1	0.9	1	J
16					3.5	-24	304	1.6	-2.2	-1.4	2	J
17	306	20.6	14	J	4.2	33	324	2.7	-2.3	1.9	2	J
18	311	22.0	20	J	5.2	41	320	2.9	-3.1	2.8	1	J
19	307	22.5	15	J	5.3	15	315	3.4	-3.6	0.4	2	J
20	307	21.9	14	J	5.5	11	313	3.7	-4.1	-0.2	1	J
21					7.7	12	313	5.1	-5.5	1.3	0	P
22					6.8	39	312	3.4	-4.0	3.8	1	P
23					5.8	-7	299	2.7	-4.9	-0.9	1	P
24					4.6	-48	323	2.3	-1.5	-3.3	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 1, 1985							152
					3.9	-32	310	1.6	-1.9	-1.7	2	P
	364	14.6	56	J	12.7	-38	322	7.3	-3.4	-8.5	5	J
	367	18.4	47	J	12.4	-34	313	6.4	-5.1	-7.9	5	J
	368	24.2	65	J	10.7	-31	311	5.2	-4.9	-5.9	5	J
	385	27.2	75	J	10.0	-7	291	3.1	-7.7	-2.2	5	J
	432	26.6	60	J	8.8	-7	297	3.6	-7.0	-1.7	4	J
	465	25.4	54	J	5.1	-14	321	3.1	-2.5	-1.1	4	J
	402	28.4	55	J	6.3	-12	38	3.8	3.0	-1.0	4	J
	407	23.3	76	J	8.0	-13	17	4.0	1.2	-1.0	7	J
	408	17.4	77	J	8.4	-23	336	6.6	-3.1	-2.9	3	J
	404	17.5	103	J	8.2	-15	327	6.2	-4.2	-1.7	3	J
	411	12.0	53	J	9.2	-15	309	5.5	-7.0	-1.9	1	J
	417	9.4	83	J	8.9	-21	330	6.9	-4.1	-2.8	3	J
	427	10.8	111	J	7.7	-5	303	3.4	-5.2	-0.4	5	J
	429	15.3	168	J	7.8	-17	304	3.8	-5.6	-2.2	3	J
	438	16.5	144	J	7.8	38	288	1.6	-5.2	3.7	4	J
					3.3	4	264	-0.3	-3.2	0.1	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 2, 1985							153
1					2.5	-5	252	-0.3	-1.1	-0.1	2	P
2					3.0	15	57	1.5	2.3	0.8	1	P
3	456	7.6	47	J	4.6	45	107	-0.9	2.2	3.8	1	J
4	460	7.7	51	J	4.6	40	93	-0.2	2.8	3.4	2	J
5	460	5.3	62	J	4.8	10	46	2.7	2.7	1.1	3	J
6	455	5.5	100	J	3.5	-11	7	2.3	0.3	-0.4	3	J
7	449	6.2	91	J	3.3	-9	318	2.3	-2.1	-0.6	1	J
8	448	4.7	105	J	4.7	15	300	2.0	-3.5	1.1	2	J
9	454	4.2	83	J	3.9	38	249	-1.1	-2.7	2.5	1	J
10	449	5.3	78	J	3.8	53	189	-2.0	-0.1	2.7	2	J
11	439	6.0	55	J	3.9	40	156	-2.7	1.4	2.4	1	J
12	428	6.2	51	J	4.5	-27	295	1.6	-3.5	-1.6	2	J
13	436	6.0	59	J	5.1	-37	317	2.9	-2.9	-2.8	1	J
14	436	5.7	55	J	5.4	-32	283	1.0	-4.4	-2.6	1	J
15	421	5.2	41	J	5.5	-10	265	-0.5	-5.3	-1.0	1	J
16	426	7.7	49	J	4.1	-9	224	-2.9	-2.8	-0.8	1	J.
17	433	7.7	51	J	3.9	13	211	-3.1	-1.9	0.6	1	J
18	418	5.7	52	J	3.9	-18	291	1.0	-2.3	-1.3	3	J
19	413	5.3	45	J	3.2	-9	282	0.5	-2.3	-1.0	2	J
20	430	2.8	55	J	3.3	-7	278	0.4	-2.8	-1.2	1	J
21	431	3.2	47	J	3.7	-17	267	-0.2	-2.8	-2.0	1	J
22	414	3.9	43	J	4.1	5	240	-1.6	-2.7	-0.7	3	J
23	436	3.9	44	J	3.5	30	348	2.1	-0.8	1.0	2	J
24					3.3	20	2	3.1	-0.3	1.1	0	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 3, 1985							154
					2.4	-2	27	2.1	1.0	-0.1	1	P
					2.5	17	209	-1.4	-0.8	0.5	1	P
					2.8	10	228	-1.8	-2.0	0.4	0	P
					2.9	10	206	-2.6	-1.3	0.5	0	P
					2.9	9	206	-2.6	-1.3	0.4	0	P
					2.4	9	244	-1.0	-2.1	0.3	0	P
					2.2	12	266	-0.1	-2.0	0.4	0	P
					2.5	25	317	1.6	-1.5	1.0	0	P
					2.4	9	250	-0.8	-2.1	0.3	1	P
					2.2	-4	285	0.5	-1.7	0.0	1	J
	368	10.9	20	J	2.8	44	311	0.9	-0.9	1.4	2	J
	375	13.3	26	J	4.1	51	277	0.2	-1.8	2.7	3	J
	377	16.3	25	J	4.6	35	252	-1.1	-3.2	2.8	1	J
	372	14.0	24	J	4.6	-9	287	1.1	-3.7	-0.5	3	J
	372	14.4	22	J	4.4	-15	294	1.6	-3.5	-1.0	2	J
	367	14.0	26	J	4.2	-51	335	2.2	-0.9	-3.1	2	J
	365	12.3	27	J	4.7	-54	332	2.3	-0.8	-3.7	2	J
	355	12.1	28	J	3.9	-43	17	2.6	1.2	-2.3	1	J
	357	10.2	30	J	4.2	-39	0	3.1	0.6	-2.4	1	J
	369	8.2	26	J	5.0	-46	350	3.4	0.4	-3.5	1	J
	376	11.4	27	J	4.4	9	226	-2.0	-2.1	-0.2	3	J
	374	11.6	25	J	4.2	6	230	-2.6	-3.1	-0.6	1	J
	370	11.4	29	J	4.5	-14	216	-3.3	-1.9	-1.8	2	J
	364	10.3	30	J	3.7	-1	272	0.1	-1.7	-0.6	3	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	356	10.0	38	J	3.6	4	326	2.8	-1.9	-0.3	1	J
2	342	10.1	35	J	4.1	-12	353	3.9	-0.2	-0.9	1	J
3	345	11.4	23	J	3.4	-5	331	2.9	-1.5	-0.6	1	J
4					3.1	7	318	2.3	-2.1	0.4	0	P
5	337	14.5	15	J	3.0	-5	333	2.7	-1.3	-0.4	0	J
6					3.1	-9	327	2.6	-1.7	-0.5	0	P
7					3.7	-15	321	2.7	-2.2	-0.9	1	P
8					4.0	-6	319	3.0	-2.7	-0.4	0	P
9	337	18.2	13	J	3.0	-7	324	2.4	-1.8	-0.3	0	J
10	336	18.9	12	J	3.0	3	320	2.2	-1.8	0.3	1	J
11	337	20.5	12	J	3.3	-10	312	2.2	-2.5	-0.3	0	J
12	337	17.5	13	J	3.9	-16	288	1.1	-3.4	-0.7	2	J
13	340	15.0	14	J	4.6	-5	285	1.2	-4.3	-0.1	1	J
14	339	16.6	13	J	4.3	-26	295	1.6	-3.5	-1.7	1	J
15	337	16.2	14	J	4.5	-14	307	2.6	-3.4	-1.1	1	J
16	338	15.3	19	J	4.4	-53	291	0.4	-1.0	-1.7	4	J
17	342	16.4	29	J	3.6	-7	121	-1.6	2.7	-0.1	2	J
18	344	17.9	25	J	3.4	6	145	-0.7	0.4	0.2	3	J
19	338	20.5	19	J	2.0	-60	242	-0.3	-0.3	-1.3	2	J
20	337	20.9	17	J	2.2	-28	205	-1.5	-0.4	-1.1	1	J
21	336	19.3	16	J	2.2	30	251	-0.5	-1.6	0.4	2	J
22	337	19.0	15	J	3.3	22	262	-0.4	-3.3	0.2	1	J
23	337	18.2	16	J	3.8	4	276	0.4	-3.6	-1.0	1	J
24	332	16.6	15	J	3.8	-16	301	1.8	-2.6	-1.9	1	J

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VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
332	14.6	16	J	3.7	-35	328	2.4	-0.9	-2.4	1	J
328	14.1	18	J	3.7	-15	297	1.6	-2.7	-1.7	1	J
				3.6	-35	309	1.9	-2.3	-2.0	0	P
				2.9	-19	307	1.6	-2.2	-0.9	0	P
				7.9	-26	310	4.6	-5.4	-3.5	0	P
334	17.9	15	J	3.2	-26	274	0.1	-2.0	-1.0	2	J
336	16.6	16	J	5.1	-26	325	3.4	-2.4	-2.0	2	J
336	15.1	19	J	5.7	1	298	2.5	-4.8	0.4	2	J
328	12.4	21	J	4.9	14	314	3.2	-3.2	1.5	1	J
332	12.4	18	J	4.4	9	313	2.8	-3.0	1.0	1	J
332	13.7	17	J	3.5	13	311	1.9	-2.1	0.9	2	J
329	13.7	17	J	3.9	-27	351	3.4	-0.7	-1.7	0	J
328	14.5	21	J	3.6	-21	357	3.2	-0.2	-1.2	1	J
327	13.1	20	J	3.3	-2	21	2.8	1.1	-0.1	1	J
324	16.6	22	J	3.6	13	27	3.0	1.5	0.8	1	J
327	19.1	25	J	3.4	11	359	3.1	-0.1	0.6	1	J
326	21.6	22	J	3.7	-29	339	2.9	-0.8	-1.9	1	J
329	21.4	19	J	4.7	-20	325	3.2	-1.9	-1.9	2	J
333	24.5	16	J	5.8	4	325	4.4	-3.1	-0.5	2	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					4.8	-31	311	2.6	-3.1	-2.4	0	P
2					4.8	-26	323	3.3	-2.6	-2.0	0	P
3					5.4	-10	323	4.2	-2.9	-1.4	1	J
4	335	28.2	27	J	5.6	-4	315	4.0	-3.9	-0.8	1	J
5	337	32.5	24	J	7.4	8	298	2.5	-4.7	0.4	6	J
6	351	33.1	30	J	10.2	18	307	5.7	-7.6	3.0	2	J
7	354	23.5	22	J	10.6	18	305	5.6	-7.9	3.4	2	J
8	358	23.8	22	J	11.2	21	332	8.9	-4.5	4.2	3	J
9	363	17.1	25	J	11.4	22	322	8.2	-6.0	4.8	2	J
10	354	21.1	32	J	12.4	5	312	8.1	-8.9	2.0	2	J
11	358	22.6	28	J	13.6	-5	302	6.5	-10.4	0.1	6	J
12	376	27.7	21	J	12.9	-7	303	6.5	-10.0	1.3	1	P
13					12.4	-18	298	5.1	9.7	-3.3	1	P
14					12.8	-27	301	5.4	-8.9	-5.1	2	P
15					11.0	-41	294	3.2	-7.5	-6.8	1	P
16					12.0	27	297	4.7	-9.1	5.4	1	P
17					10.7	39	313	5.6	-5.8	6.7	1	P
18					9.2	60	337	3.4	-1.3	6.5	2	P
19					9.2	50	322	4.6	-3.5	7.1	0	P
20					6.3	-41	321	2.8	-2.3	-3.1	2	P
21					5.9	-38	270	0.0	-4.4	-3.3	1	P
22					5.8	-26	338	4.3	-1.8	-2.2	1	P
23					6.4	26	311	3.5	-3.9	2.7	1	P
24												

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					6.2	13	308	3.2	-4.0	1.3	1	P
2					5.7	-10	304	2.5	-3.8	-0.6	2	P
3					7.0	25	330	4.3	-2.4	2.4	2	P
4					7.1	-37	333	5.0	-2.7	-4.2	0	P
5					7.1	-14	318	4.7	-4.2	-1.5	1	P
6					6.5	-18	328	4.8	-3.1	-1.8	1	P
7					5.8	8	327	4.5	-2.9	0.8	1	P
8					4.6	-34	262	-0.4	-2.8	-1.8	2	P
9					5.3	-22	288	0.8	-2.5	-0.9	3	P
10					6.3	29	324	4.4	-3.1	3.1	0	P
11					7.1	12	280	1.1	-6.2	1.5	1	P
12					7.4	-7	270	0.0	-6.8	-0.5	1	P
13					7.1	-60	275	0.3	-2.8	-4.4	2	P
14					8.0	24	274	0.4	-6.4	3.1	1	P
15					8.3	25	303	3.9	-5.9	3.5	1	P
16					9.2	-22	330	6.7	-4.0	-3.0	1	P
17					7.4	-28	327	3.4	-2.3	-2.1	4	P
18					7.3	11	303	3.8	-5.8	1.5	0	P
19					6.1	-15	349	4.3	-0.9	-1.1	2	P
20					6.3	-43	10	3.5	0.5	-3.3	2	P
21					5.6	9	44	3.5	3.4	0.7	1	P
22					4.5	15	357	2.4	-0.1	0.7	2	P
23					5.1	38	272	0.1	-3.3	2.8	1	P
24					5.3	-9	337	3.7	-1.6	-0.6	2	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					5.2	-14	355	4.3	-0.4	-1.0	1	P
2					3.5	27	178	-2.1	0.1	1.1	2	P
3					7.0	-4	287	1.9	-6.3	-0.2	1	P
4					6.7	-11	291	2.3	-6.2	-0.9	0	P
5					5.3	-10	315	3.6	-3.6	-0.8	0	P
6					5.8	-23	320	4.1	-3.5	-2.1	0	P
7					4.9	-33	340	3.7	-1.5	-2.5	1	P
8					5.7	-21	352	5.2	-0.8	-2.0	0	P
9					5.7	-18	334	4.2	-2.1	-1.4	1	P
10					5.0	-33	351	3.9	-0.7	-2.5	1	P
11					3.8	28	306	1.4	-1.8	1.4	1	P
12					4.0	28	318	2.3	-2.0	1.8	1	P
13					4.4	9	302	2.3	-3.5	0.9	0	P
14					4.0	56	346	1.7	-0.3	2.6	1	P
15					3.8	-3	13	2.2	0.5	-0.2	2	P
16					4.8	-3	319	2.7	-2.3	-0.1	1	P
17					3.8	27	330	2.4	-1.3	1.5	1	P
18					3.6	53	340	1.9	-0.6	2.8	0	P
19					3.5	43	340	2.2	-0.7	2.2	1	P
20					3.9	27	329	2.8	-1.6	1.8	1	P
21					4.3	7	335	3.7	-1.7	0.6	1	P
22					3.8	10	343	3.5	-1.0	0.7	1	P
23					4.6	10	319	3.2	-2.8	0.9	1	P
24					4.3	25	351	3.6	-0.5	1.8	1	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					4.5	21	328	3.6	-2.2	1.7	0	P
2					4.7	8	323	3.7	-2.7	0.8	0	P
3					4.9	4	328	4.2	-2.5	0.5	1	P
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23					9.9	-64	56	2.3	2.9	-8.6	1	P
24					11.4	-48	36	5.8	3.7	-8.3	3	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3					10.4	-20	263	-1.2	-9.7	-2.8	1	P
4					9.1	-25	276	0.8	-7.8	-3.0	1	P
5					8.3	-15	276	0.9	-8.0	-1.5	0	P
6					7.1	-15	323	3.7	-2.9	-1.0	3	P
7					7.5	-22	310	3.3	-4.1	-1.8	2	P
8					7.8	-33	252	-1.5	-4.8	-2.8	3	P
9					7.8	-25	267	-0.3	-6.6	-2.5	2	P
10					6.8	-20	337	4.9	-2.2	-1.8	1	P
11					7.3	-20	262	-0.8	-5.5	-1.5	2	P
12					6.2	-11	271	0.1	-4.6	-0.6	2	P
13					6.7	-19	316	4.4	-4.4	-1.8	1	P
14					4.7	-13	325	3.7	-2.6	-0.8	0	P
15					4.8	-29	349	3.9	-0.9	-2.1	0	P
16					4.7	-8	338	3.9	-1.6	-0.5	1	P
17					4.6	-13	339	3.9	-1.6	-0.9	1	P
18					4.8	-7	315	3.3	-3.3	-0.3	0	P
19					4.6	-6	307	2.4	-3.2	-0.2	1	P
20					4.7	4	300	2.1	-3.7	0.6	1	P
21					4.7	-22	332	3.7	-2.1	-1.6	0	P
22					4.9	-5	350	4.4	-0.8	-0.3	1	P
23					4.9	-42	311	2.1	-2.6	-2.7	1	P
24					4.5	-9	294	1.6	-3.6	-0.4	1	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					5.2	10	318	3.0	-2.8	0.0	4	J
2					2.9	59	268	0.0	-0.8	1.6	2	P
3					4.4	-19	232	-2.3	-3.0	-1.0	1	P
4					4.6	-3	234	-2.5	-3.5	0.1	1	P
5					3.9	3	275	0.3	-3.4	0.5	1	P
6					4.0	-23	244	-1.5	-3.3	-1.2	0	P
7					3.4	18	240	-1.4	-2.2	1.1	1	P
8					3.3	-12	277	0.3	-2.6	-0.3	1	P
9					2.8	34	304	1.2	-1.6	1.6	1	P
10					2.4	-30	341	1.6	-0.6	-1.0	1	P
11					3.1	-6	305	1.6	-2.3	-0.1	1	P
12					3.3	-8	294	1.1	-2.5	-0.2	1	P
13					3.3	-5	300	1.3	-2.3	0.0	1	P
14					4.2	-8	342	3.8	-1.3	-0.4	0	P
15					3.8	5	337	2.8	-1.1	0.4	1	P
16					3.9	-13	309	1.9	-2.4	-0.5	1	P
17					4.3	7	287	1.1	-3.6	0.8	1	P
18					4.6	51	25	2.4	1.4	3.2	1	P
19					5.5	29	293	1.8	-4.0	2.9	1	P
20					4.3	48	289	0.5	-1.3	1.8	3	P
21					4.2	15	116	-1.7	3.7	0.7	0	P
22					2.9	8	114	-1.1	2.5	0.2	1	P
23					3.1	-31	308	1.5	-2.0	-1.3	1	P
24					3.8	-52	320	1.4	-1.4	-2.2	1	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					3.6	4	332	3.1	-1.6	0.4	0	P
2					3.5	5	296	1.4	-2.8	0.5	1	P
3					3.3	-25	342	2.3	-0.9	-1.1	1	P
4					3.9	-34	325	2.3	-1.8	-1.8	1	P
5					4.2	-76	131	-0.3	0.2	-2.1	2	P
6					4.1	-66	238	-0.7	-1.4	-2.7	1	P
7					3.9	-49	243	-1.1	-2.4	-2.5	1	P
8					3.7	-78	271	0.0	-0.7	-2.3	2	P
9					4.3	-4	249	-1.3	-3.5	0.1	1	P
10					4.6	11	257	-0.9	-3.8	1.1	1	P
11					4.8	11	282	0.9	-4.1	1.3	1	P
12					4.9	-6	291	1.8	-4.6	0.0	0	P
13					4.8	-23	294	1.7	-4.1	-1.4	0	P
14					4.8	-4	292	1.6	-4.1	0.1	1	P
15					4.8	4	307	2.7	-3.5	0.6	1	P
16					4.7	-26	310	2.5	-3.2	-1.6	0	P
17					4.9	-12	337	4.3	-1.9	-0.8	0	P
18					5.2	-17	327	4.1	-2.7	-1.2	0	P
19					5.0	-41	344	3.3	-1.2	-2.8	1	P
20					5.1	-36	13	3.8	0.6	-3.0	0	P
21					5.1	15	314	3.3	-3.3	1.6	0	P
22												
23					4.8	-12	337	4.3	-1.9	-0.8	0	P
24					4.8	-16	327	3.8	-2.6	-1.1	0	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					4.6	-4	349	4.5	-0.9	-0.2	1	P
2					4.0	4	351	4.0	-0.6	0.3	0	P
3					3.9	2	346	3.8	-0.9	0.2	0	P
4					3.8	17	350	3.3	-0.4	1.0	1	P
5					7.4	52	333	4.0	-1.4	6.0	0	P
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 14, 1985 — 165

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2					4.7	23	319	3.3	-2.6	2.1	0	P
3					4.9	21	317	3.3	-2.9	2.1	0	P
4					5.1	12	317	3.6	-3.3	1.5	0	P
5					4.9	30	315	3.0	-2.7	2.7	0	P
6					5.0	36	318	3.0	-2.3	3.2	0	P
7					4.7	-42	260	-0.1	-0.5	-0.4	5	P
8					4.2	-6	115	-1.7	3.6	-0.8	1	P
9					5.4	23	101	-0.9	5.0	1.5	0	P
10					5.1	53	84	0.3	3.5	3.6	0	P
11					4.2	65	56	1.0	1.9	3.6	0	P
12					4.6	78	78	0.2	1.5	4.3	0	P
13					5.5	82	236	-0.4	0.0	5.4	0	P
14					5.4	67	286	0.6	-1.4	5.1	0	P
15					5.4	72	271	0.0	-1.0	5.3	0	P
16					5.9	53	297	1.6	-2.6	5.0	0	P
17					5.7	45	279	0.6	-3.4	4.5	0	P
18					5.4	30	285	1.2	-4.1	3.2	0	P
19					5.5	27	269	-0.1	-4.3	2.9	1	P
20					5.5	34	266	-0.3	-4.1	3.6	0	P
21					5.3	15	271	0.1	-4.8	2.0	0	P
22					5.3	9	273	0.3	-5.1	1.5	0	P
23					6.1	13	270	-0.1	-5.7	2.1	0	P
24					6.4	22	266	-0.5	-5.6	3.1	0	P

JUN. 15, 1985 — 166

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					5.9	-3	257	-1.3	-5.6	0.4	0	P
2					5.6	-3	247	-2.2	-5.1	0.3	0	P
3					5.8	-21	268	-0.2	-5.6	-1.4	0	P
4					5.3	-41	264	-0.4	-4.2	-2.8	0	P
5					5.7	18	311	3.1	-3.4	2.0	1	P
6					6.2	32	339	4.8	-1.4	3.5	0	P
7					5.9	19	335	5.0	-2.1	2.2	0	P
8					6.6	-4	322	5.2	-4.1	0.1	0	P
9					7.2	1	319	5.4	-4.7	0.7	0	P
10					7.4	7	320	5.6	-4.6	1.5	0	P
11					7.0	13	317	4.9	-4.3	2.1	1	P
12					6.6	-5	294	2.7	-6.0	0.3	0	P
13					7.3	-10	287	2.1	-6.9	-0.4	0	P
14					6.9	-12	296	3.0	-6.2	-0.6	0	P
15					6.5	-18	295	2.6	-5.8	-1.3	0	P
16					5.6	-27	296	2.2	-4.6	-1.9	1	P
17					4.9	-43	330	3.0	-2.1	-3.0	0	P
18					5.3	-23	301	2.5	-4.3	-1.5	0	P
19					5.1	-19	286	1.3	-4.7	-1.0	0	P
20					4.5	-31	298	1.7	-3.5	-1.8	0	P
21					4.6	-45	330	2.8	-2.0	-3.0	0	P
22					4.2	-37	323	2.6	-2.3	-2.2	0	P
23					4.2	-19	326	3.1	-2.3	-1.0	0	P
24					4.3	-12	326	3.2	-2.2	-0.5	1	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					4.8	-20	313	3.0	-3.3	-1.1	0	P
2					4.6	-38	318	2.7	-2.7	-2.4	0	P
3					4.4	-41	324	2.6	-2.3	-2.6	0	P
4					4.3	-58	310	1.5	-2.2	-3.3	0	P
5					4.1	-61	353	1.9	-0.7	-3.3	0	P
6					4.0	-37	344	2.3	-0.9	-1.6	1	P
7					4.7	-31	286	0.8	-3.2	-1.4	1	P
8					4.1	47	305	1.4	-1.6	2.8	1	P
9					4.3	14	294	1.7	-3.5	1.5	0	P
10					3.1	-1	296	1.3	-2.7	0.3	1	P
11					3.1	25	318	2.1	-1.7	1.6	0	P
12					3.0	17	314	2.0	-1.9	1.1	0	P
13					2.5	36	317	1.5	-1.1	1.6	0	P
14					2.9	41	334	2.0	-0.7	2.0	0	P
15					2.3	58	352	1.2	0.1	2.0	0	P
16					2.1	63	10	1.0	0.4	1.8	0	P
17					2.3	34	345	1.7	-0.3	1.3	0	P
18					2.8	22	344	2.5	-0.6	1.1	0	P
19					2.8	5	348	2.7	-0.5	0.3	0	P
20					2.8	-4	342	2.6	-0.9	-0.1	0	P
21					2.8	1	336	2.5	-1.1	0.2	0	P
22					2.8	4	328	2.2	-1.3	0.4	0	P
23					3.0	-10	334	2.6	-1.3	-0.3	0	P
24					3.0	-8	330	2.2	-1.3	-0.2	1	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					4.4	-8	124	-2.4	3.3	-1.1	0	P
2					5.1	32	135	-2.7	3.0	2.0	1	P
3					5.2	5	131	-2.8	3.2	-0.2	1	P
4					5.7	24	148	-4.3	3.0	1.8	0	P
5					6.6	48	126	-2.5	4.1	4.0	1	P
6					6.8	60	114	-1.4	4.0	5.4	0	P
7					6.8	63	91	-0.1	4.0	5.4	0	P
8					7.6	63	111	-1.1	3.6	5.3	1	P
9					7.9	5	108	-2.3	7.0	-0.4	1	P
10					9.1	35	97	-0.9	7.6	3.8	2	P
11												
12												
13												
14												
15												
16												
17												
18												
19					7.2	10	74	1.4	4.9	1.3	5	J
20					6.5	60	322	2.4	-2.6	5.0	2	J
21												
22					6.3	-2	149	-5.4	3.2	0.5	1	J
23					6.1	-3	161	-5.5	1.9	0.1	2	J
24					6.0	-17	168	-5.1	1.4	-1.3	3	J
					6.7	-10	136	-4.6	4.6	-0.1	1	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					6.1	-5	124	-3.3	5.0	0.5	1	J
2					4.6	-8	135	-3.0	2.9	-1.1	0	P
3					4.4	-2	145	-3.5	2.5	-0.5	0	P
4					5.4	2	129	-3.3	4.1	0.5	1	J
5					6.2	28	7	3.6	0.4	1.9	5	J
6					6.0	17	5	5.6	0.5	1.7	1	J
7					4.4	9	24	3.5	1.6	0.5	2	J
8					5.0	31	74	1.0	3.8	1.8	3	J
9					5.6	1	119	-2.5	4.5	-0.6	2	J
10					4.4	45	90	0.0	3.2	2.2	2	J
11					4.3	60	86	0.1	1.6	1.9	4	J
12					3.8	18	115	-1.3	2.8	0.5	1	P
13					5.2	-17	165	-4.8	1.0	-1.7	0	P
14					3.5	20	100	-0.5	2.8	0.5	1	P
15					4.7	2	169	-4.5	0.9	0.1	1	J
16					3.1	25	151	-1.8	1.1	0.9	2	J
17					3.0	8	131	-1.2	1.4	0.3	3	J
18					2.7	34	62	0.9	1.5	1.3	2	J
19					2.8	49	64	0.5	0.9	1.5	2	J
20					2.6	-2	176	-2.4	0.1	-0.1	1	P
21					3.2	3	136	-2.1	2.0	-0.2	1	P
22					3.3	38	154	2.0	1.2	1.6	1	P
23					3.8	24	109	-1.0	3.3	0.9	0	P
24					3.8	31	95	-0.3	3.0	1.2	1	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					4.1	-4	144	-3.0	2.1	-0.6	1	P
2					3.5	-11	124	-1.1	1.6	-0.7	2	P
3					3.2	40	19	2.1	1.0	1.7	0	P
4					2.9	28	50	1.6	2.1	1.0	0	P
5					3.1	33	53	1.4	2.0	1.1	1	P
6					3.1	4	89	0.0	2.7	-0.3	1	P
7					2.7	8	360	2.7	0.1	0.3	0	P
8					2.9	7	346	2.8	-0.6	0.5	0	P
9					2.9	14	105	-0.3	1.3	0.1	2	P
10					3.9	35	164	-2.9	1.2	1.9	0	P
11					3.5	-8	224	-0.6	-0.6	0.0	3	P
12					4.1	50	147	-2.0	1.8	2.6	1	P
13					3.8	6	128	-2.2	2.9	-0.1	1	P
14					3.1	-10	126	-1.7	2.2	-0.9	1	P
15					4.6	-15	135	-3.1	2.8	-1.7	0	P
16					4.3	-1	139	-3.2	2.7	-0.5	0	P
17					4.2	-2	142	-3.3	2.5	-0.6	0	P
18					4.2	-7	147	-3.5	2.1	-0.9	0	P
19					4.1	-10	155	-3.7	1.6	-1.0	1	P
20					3.8	-11	161	-3.4	1.1	-0.9	0	P
21					3.9	3	139	-2.9	2.5	-0.3	0	P
22					4.4	12	169	-4.1	0.9	0.7	0	P
23					3.5	16	152	-2.8	1.6	0.6	0	P
24					2.6	6	129	-1.6	2.0	-0.1	0	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					2.7	14	112	-1.0	2.5	0.2	0	P
2					2.5	11	99	-0.4	2.5	0.0	0	P
3					2.5	45	214	-0.8	-0.3	1.0	2	P
4					4.5	-2	255	-1.1	-4.2	0.6	0	P
5					5.9	-15	256	-1.4	-5.7	-0.5	1	P
6					4.1	-9	236	-2.2	-3.3	0.0	1	P
7					3.9	-22	231	-1.7	-2.2	-0.7	1	P
8					3.9	31	19	0.9	0.4	0.5	3	P
9					4.9	-14	279	0.8	-4.7	-0.3	1	P
10					5.0	-34	252	-1.3	-4.3	-2.0	0	P
11					4.4	-38	239	-1.8	-3.4	-2.1	0	P
12					3.4	-34	214	-2.1	-1.7	-1.4	1	P
13					6.1	-35	174	-4.7	-0.1	-3.3	1	P
14					10.5	-13	118	-4.3	7.6	-3.5	3	P
15					9.0	0	110	-2.6	7.2	-1.3	3	P
16					5.6	30	348	2.8	-0.3	1.8	4	P
17					11.7	-6	306	4.7	-6.7	0.4	4	P
18					10.0	40	15	6.8	2.8	5.3	3	P
19					7.3	33	14	5.4	2.0	3.3	1	P
20					8.4	38	53	3.9	5.9	4.0	1	P
21					8.8	47	42	4.3	5.0	5.4	1	P
22					6.1	35	68	0.7	1.9	1.0	5	P
23					5.9	-11	153	-4.4	2.0	-1.4	1	P
24					7.1	14	140	-5.1	4.6	0.9	0	P

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VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
7.3	-2	151		-5.9	3.1	-0.8	1	P			
7.0	-3	142		-5.4	4.2	-1.1	0	P			
6.5	23	115		-2.5	5.6	1.4	1	P			
6.7	-19	155		-5.5	2.1	-2.5	1	P			
7.0	15	126		-3.9	5.6	0.7	0	P			
6.6	25	127		-3.5	5.1	1.8	1	P			

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					9.8	3	180	-9.4	0.0	0.4	2	P
2					7.4	-3	171	-5.3	0.7	-0.5	2	P
3					7.2	13	118	-3.2	6.3	0.3	1	P
4					5.3	-16	176	-3.9	0.0	-1.1	3	P
5					4.8	7	206	-3.4	-1.5	0.8	1	P
6					5.0	-19	155	-4.2	1.6	-1.9	1	P
7					5.5	4	129	-3.4	4.2	-0.5	1	P
8					6.1	-25	168	-5.3	0.6	-2.7	2	P
9					4.3	-24	202	-3.6	-1.8	-1.4	1	P
10					3.3	-18	200	-2.8	-1.2	-0.7	1	P
11					3.7	28	118	-1.4	3.0	1.0	1	P
12					3.8	52	116	-1.0	2.5	2.3	0	P
13					4.1	57	137	-1.4	1.9	2.6	1	P
14					4.4	37	126	-1.9	3.1	1.9	0	P
15					5.0	34	120	-2.0	4.0	2.0	0	P
16					4.2	-2	135	-2.8	2.7	-0.7	0	P
17					4.0	27	85	0.2	3.1	0.8	1	P
18					4.2	40	76	0.7	3.4	1.9	1	P
19					4.3	33	85	0.3	3.8	1.5	1	P
20					4.8	62	69	0.8	2.9	3.6	0	P
21					4.6	72	76	0.3	2.2	3.9	0	P
22					4.6	68	315	1.1	-0.3	4.0	1	P
23					4.3	58	202	-1.5	-0.1	2.6	2	P
24					4.7	8	138	-3.4	3.2	0.0	1	P

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VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
6.3	-15	157		-5.5	1.9	-2.1	1	P			
5.5	-33	212		-3.7	-2.9	-2.3	0	P			
4.9	-43	249		-1.3	-4.0	-2.5	0	P			
4.9	-44	242		-1.6	-3.7	-2.7	0	P			
5.2	-42	202		-3.3	-1.9	-2.8	1	P			
4.3	-17	187		-3.6	-0.7	-1.0	1	P			
5.1	63	99		-0.3	3.1	3.8	1	P			
6.1	57	33		2.7	2.8	4.6	0	P			
6.1	67	8		2.1	1.4	4.9	1	P			
5.7	46	153		-3.3	2.5	3.4	1	P			
7.0	-11	166		-6.4	1.4	-1.6	0	P			
6.0	-23	136		-2.5	2.1	-2.0	3	P			
5.9	69	36		1.6	2.3	5.0	1	P			
5.3	24	125		-2.2	3.4	1.1	3	J			
5.0	66	61		0.8	2.0	3.6	3	J			
6.4	38	96		-0.3	3.3	2.2	5	J			
5.0	39	107		-1.1	4.0	2.1	1	P			
4.0	65	82		0.2	1.8	2.4	2	P			
5.1	34	172		-4.0	1.1	2.5	0	P			
5.0	75	98		-0.2	2.2	4.3	1	P			
5.3	39	55		2.2	3.7	2.4	1	P			
4.5	53	167		-2.5	-0.1	3.4	2	J			
4.6	38	192		-3.0	-1.1	2.2	3	J			
4.9	24	99		-0.5	2.8	2.0	4	J			

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					4.9	29	117	-1.3	2.3	2.0	4	J
2					4.9	7	197	-4.5	-1.4	0.4	1	J
3					5.1	1	189	-4.9	-0.8	0.0	1	J
4					5.6	-9	186	-5.5	-0.5	-0.9	1	J
5					6.4	-3	181	-6.4	-0.1	-0.3	1	J
6					7.4	9	166	-7.0	1.8	1.0	1	J
7					6.7	5	162	-6.3	2.1	0.3	1	J
8	365	8.3	36	J	6.7	0	167	-6.4	1.5	-0.2	1	J
9	366	8.6	37	J	6.8	0	163	-6.4	1.9	-0.4	1	J
10	369	10.6	31	J	8.9	8	159	-8.1	3.3	0.5	2	J
11	369	11.4	30	J	9.5	25	154	-7.7	4.6	3.0	1	J
12	360	10.8	39	J	9.2	28	150	-6.9	4.9	3.2	2	J
13	368	13.8	33	J	9.7	23	129	-5.4	7.3	2.1	3	J
14	376	15.1	26	J	9.8	28	111	-3.1	8.7	2.9	2	J
15	377	15.8	31	J	11.0	28	110	-3.3	9.7	3.7	1	J
16	374	15.1	28	J	11.2	24	110	-3.4	9.8	3.5	2	J
17	368	15.4	23	J	10.7	31	116	-3.8	8.0	4.9	4	J
18	341	13.0	37	J	10.2	23	139	-6.9	5.9	4.0	2	J
19					12.1	32	119	-4.7	8.0	6.8	4	J
20					11.5	10	129	-6.9	8.2	3.1	3	J
21					11.5	24	125	-5.9	7.5	5.9	3	J
22					12.3	12	124	-6.0	8.3	3.9	6	J
23	374	12.9	35	J	10.3	-3	134	-6.6	6.8	0.8	4	J
24	376	13.4	28	J	10.1	-17	146	-7.9	5.8	-1.9	1	J

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VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
401	14.0	51	J	8.9	-32	156	-6.1	3.4	-3.7	5	J
435	20.5	74	J	6.0	20	128	-2.8	3.3	2.1	4	J
426	16.3	67	J	5.0	-22	184	-2.5	-0.1	-1.0	4	J
466	12.2	65	J	5.0	-8	164	-4.6	1.3	-0.6	1	J
459	13.1	42	J	4.0	-8	150	-3.2	1.8	-0.5	1	J
469	11.1	51	J	4.0	-17	164	-3.4	0.9	-1.1	2	J
483	12.7	63	J	2.6	-35	214	-1.0	-0.8	-0.8	2	J
495	8.9	63	J	5.1	-30	250	-1.3	-3.9	-1.6	3	J
498	7.6	67	J	5.9	-14	270	0.0	-5.5	-0.2	2	J
477	6.9	41	J	6.6	-10	294	2.5	-5.7	0.2	2	J
460	6.8	39	J	6.9	-9	306	3.9	-5.5	0.3	2	J
457	6.7	36	J	7.5	-4	316	5.3	-5.1	0.7	1	J
453	7.1	41	J	8.0	-2	317	5.8	-5.3	1.0	1	J
446	7.7	42	J	8.4	2	322	6.4	-4.8	1.3	2	J
421	7.2	45	J	8.1	6	334	7.1	-3.3	1.4	1	J
				7.4	-10	310	4.2	-4.7	-2.0	4	J
				8.2	-9	345	7.2	-1.7	-1.5	4	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	457	7.5	56	J	9.0	9	318	6.4	-5.9	0.5	2	J
2	479	8.5	91	J	8.6	13	332	7.1	-3.9	1.4	3	J
3	500	7.4	131	J	5.9	-3	328	4.7	-2.9	-0.5	2	J
4	503	7.9	108	J	5.3	-1	325	3.5	-2.5	-0.1	3	J
5	500	8.2	122	J	5.2	-9	288	1.0	-3.1	-0.4	4	J
6	494	7.8	120	J	6.6	-4	321	4.7	-3.8	-0.1	3	J
7	491	8.3	110	J	7.4	-8	327	6.0	-4.0	-0.5	1	J
8	489	9.3	124	J	7.1	-11	333	5.9	-3.2	-0.8	2	J
9	500	8.7	111	J	7.6	-30	308	3.8	-5.6	-2.5	2	J
10	512	9.3	81	J	8.2	-44	280	1.0	-6.9	-4.1	1	J
11	520	9.5	135	J	8.1	-53	272	0.2	-6.3	-5.0	1	J
12	530	9.1	159	J	8.5	-49	255	-1.4	-6.4	-4.6	3	J
13	526	7.6	201	J	7.6	-19	290	2.0	-5.9	-0.7	5	J
14	553	6.4	233	J	6.8	6	337	5.6	-2.2	1.1	3	J
15	579	6.8	186	J	8.8	2	338	7.6	-3.0	0.8	3	J
16	612	7.6	199	J	7.7	-23	313	4.2	-4.8	-2.1	4	J
17	604	7.1	182	J	6.8	11	353	6.5	-0.7	1.3	1	J
18					6.3	-2	317	3.2	-3.0	0.6	2	P
19					6.9	-41	272	0.2	-6.0	-3.0	1	P
20					5.8	-38	283	1.0	-5.0	-2.3	0	P
21					4.8	-36	293	1.4	-3.8	-1.8	1	P
22					4.7	-24	258	-0.8	-4.1	-0.8	1	P
23					4.8	-11	344	3.7	-1.2	-0.5	1	P
24					5.6	-17	297	2.2	-4.5	-0.4	1	P

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VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
612	4.6	202	J	6.7	-2	330	5.6	-3.3	0.5	1	P
621	5.2	215	J	7.2	7	345	6.9	-1.5	1.3	0	P
618	6.0	207	J	7.6	5	331	6.6	-3.4	1.5	0	P
598	6.5	227	J	6.3	17	307	2.9	-3.9	1.4	4	J
572	6.4	151	J	6.4	32	311	3.0	-3.4	3.0	4	J
571	6.1	215	J	6.5	25	338	4.9	-1.8	2.6	3	J
				6.6	-14	338	4.8	-2.1	-1.0	4	J
				6.9	-10	344	5.8	-1.8	-0.7	3	J
525	5.1	134	J	6.9	14	306	3.6	-4.5	2.6	3	J
500	4.4	103	J	6.5	-10	306	3.6	-5.0	0.2	1	P
485	4.9	116	J	7.8	4	297	3.5	-6.5	2.1	1	P
478	5.5	151	J	8.6	4	294	3.2	-6.9	2.4	3	J
466	5.1	76	J	9.1	-2	295	3.7	-7.8	1.6	2	J
494	6.8	106	J	9.4	-8	313	6.1	-6.7	0.2	2	J
				9.6	-6	310	6.1	-7.3	0.3	1	J
				10.1	0	321	7.8	-6.2	0.7	2	J
				9.2	-73	324	1.4	-1.4	-5.8	7	J
				8.5	-51	313	3.6	-3.8	-6.5	1	J
				6.6	-19	335	4.5	-2.4	-1.1	2	P
				7.3	21	317	4.6	-3.6	3.4	1	P
				6.7	-17	309	3.9	-5.2	-0.6	1	P
				5.6	-5	335	4.8	-2.3	0.1	1	P
518	8.5	543	J	6.3	14	346	4.8	-1.4	1.0	4	J
546	7.9	288	J	6.9	26	303	3.1	-5.2	2.0	3	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					7.7	11	319	5.3	-4.2	2.4	1	P
2					8.8	-27	317	5.5	-6.0	-2.5	1	P
3					8.8	1	303	4.4	-6.4	1.8	1	P
4					7.6	-8	302	3.6	-6.0	0.6	1	P
5					7.8	15	300	3.2	-5.0	3.0	1	P
6	583	6.4	202	J	7.9	-9	312	4.6	-5.1	-0.6	4	J
7	575	5.8	170	J	7.7	-12	314	4.1	-4.4	-0.7	5	J
8					7.5	5	319	4.6	-3.8	1.3	4	J
9					6.7	-3	311	3.7	-4.3	0.7	4	J
10					6.3	-3	321	4.2	-3.4	0.6	3	J
11					5.3	-11	345	5.0	-1.6	-0.6	1	P
12					5.3	7	319	3.1	-2.6	1.2	2	P
13					4.9	30	306	2.1	-2.3	2.7	1	P
14					5.1	30	271	0.1	-3.4	3.3	1	P
15					4.1	24	279	0.6	-2.9	2.4	1	P
16					4.2	-7	318	3.0	-2.7	0.2	1	P
17					4.1	9	326	3.0	-1.8	1.0	1	P
18					3.8	10	294	1.3	-2.7	1.2	1	P
19					3.8	5	339	2.9	-1.0	0.5	1	P
20	684	3.9	142	J	4.9	27	278	0.6	-4.3	1.7	1	J
21	661	4.9	202	J	5.9	10	315	3.9	-4.0	0.4	2	J
22	650	4.5	200	J	5.4	-29	341	4.1	-1.0	-2.6	2	J
23	638	4.0	145	J	5.0	-38	350	3.5	-0.2	-2.8	2	J
24					4.4	-17	326	3.2	-2.4	-0.6	1	P

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
				4.4	-30	12	3.7	0.2	-2.3	1	P
				4.4	-14	359	4.2	-0.4	-1.0	0	P
				4.3	4	338	3.9	-1.5	0.7	0	P
				4.1	-4	324	3.3	-2.4	0.4	0	P
				3.5	1	272	0.1	-2.6	0.7	1	P
				3.9	-11	263	-0.4	-3.6	0.3	0	P
				4.0	-34	281	0.6	-3.5	-1.2	0	P
613	5.3	133	J	5.8	-16	268	-0.1	-4.3	-0.2	4	J
633	4.4	175	J	5.0	-30	355	3.8	-0.9	-2.0	3	J
618	4.9	181	J	4.7	-10	360	4.2	-0.2	-0.7	2	J
634	4.4	129	J	5.8	-15	336	5.0	-2.6	-0.8	1	J
653	5.2	205	J	5.1	-20	308	2.0	-2.7	-0.5	4	J
635	5.3	195	J	5.0	-12	297	1.7	-3.5	0.0	3	J
612	5.8	209	J	4.6	-6	349	3.3	-0.7	-0.2	3	J
618	5.4	157	J	4.4	-42	75	0.7	2.1	-2.6	3	J
631	4.7	123	J	5.0	4	247	-1.8	-4.1	0.6	2	J
627	4.5	83	J	4.9	-7	240	-2.3	-4.0	-0.5	2	J
627	4.3	95	J	5.2	5	234	-3.0	-4.2	0.3	0	J
609	3.7	74	J	5.0	8	230	-2.9	-3.5	0.1	2	J
590	4.1	68	J	4.9	9	238	-2.5	-4.0	0.2	1	J

JUN. 30, 1985 — 181

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	585	3.8	84	J	3.6	11	255	-0.9	-3.3	0.2	1	J
2	575	3.8	80	J	3.5	8	270	0.0	-3.0	0.1	2	J
3	568	3.5	72	J	3.9	26	8	3.3	0.4	1.6	1	J
4	573	3.3	84	J	3.8	32	358	3.1	-0.1	2.0	1	J
5	569	3.4	69	J	3.7	26	335	2.9	-1.3	1.6	1	J
6	569	3.7	74	J	3.3	7	316	2.3	-2.2	0.6	1	J
7	565	3.4	64	J	3.8	-6	321	2.9	-2.3	0.0	1	J
8	561	3.3	67	J	4.0	-9	336	3.6	-1.7	-0.3	1	J
9	556	3.3	93	J	4.1	-4	338	3.8	-1.6	0.1	1	J
10	541	3.5	167	J	4.2	4	328	3.5	-2.0	0.8	1	J
11	532	4.6	71	J	3.5	-8	286	0.9	-3.1	0.4	1	J
12					3.3	-4	297	1.4	-2.7	0.5	0	P
13	529	5.3	60	J	4.4	6	199	-3.9	-1.2	0.8	1	J
14	535	7.2	77	J	4.0	7	203	-3.3	-1.3	0.8	2	J
15	523	6.4	73	J	4.8	1	192	-4.5	-0.9	0.3	1	J
16					4.9	-6	233	-2.5	-3.4	0.0	3	J
17	525	8.7	96	J	6.2	16	214	-4.6	-3.0	1.8	2	J
18	525	8.5	88	J	6.6	25	210	-4.4	-2.5	2.4	3	J
19	518	9.9	95	J	5.0	-2	261	-0.7	-4.6	-0.3	2	J
20	526	9.2	98	J	6.1	-6	255	-0.9	-3.3	-0.7	5	J
21	527	9.2	101	J	6.3	-51	265	-0.3	-2.7	-4.4	4	J
22	502	9.3	108	J	7.4	-39	331	4.5	-1.9	-4.5	3	J
23	521	11.3	137	J	6.4	73	266	-0.1	-2.7	5.6	2	J
24	512	11.2	111	J	7.6	36	280	1.0	-6.1	3.3	3	J

JUL. 1, 1985 — 182

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
506	10.6	113	J	6.9	-13	324	4.8	-3.3	-1.8	3	J
501	9.5	115	J	6.9	-22	341	6.0	-1.8	-2.7	1	J
522	6.0	137	J	7.5	12	257	-1.6	-6.8	1.2	2	J
534	6.3	155	J	5.9	-27	271	0.1	-4.4	-2.2	3	J
546	6.1	131	J	6.1	2	231	-3.2	-3.9	0.4	3	J
550	5.3	115	J	5.0	22	238	-1.6	-2.4	1.5	4	J
541	6.7	128	J	4.5	-12	284	0.7	-2.9	-0.2	3	J
545	6.3	120	J	4.0	13	252	-0.9	-2.9	-0.1	3	J
556	5.4	103	J	4.1	30	213	-1.9	-0.9	1.6	3	J
555	5.8	162	J	3.2	47	26	1.8	1.5	1.9	1	J
540	6.5	121	J	3.5	-8	330	2.3	-1.4	0.0	2	J
542	6.1	110	J	3.4	-28	307	1.3	-1.9	-0.6	2	J
534	6.0	112	J	3.8	-25	318	1.6	-1.7	-0.6	3	J
534	6.0	159	J	5.6	-8	349	5.4	-1.2	-0.5	1	P
				5.7	-8	353	5.5	-0.8	-0.6	1	P
				5.5	-8	330	4.7	-2.8	0.0	0	P
				5.7	-6	331	4.9	-2.8	0.2	0	P
				5.3	10	321	4.0	-3.3	0.0	0	P
				4.9	-6	309	3.1	-3.8	0.6	0	P
				3.5	4	283	0.7	-3.0	1.0	1	P
				5.2	16	359	4.7	0.3	1.3	1	P
				4.1	2	10	4.0	0.7	-0.1	1	P
				4.2	9	7	4.0	0.7	0.5	1	P
				3.6	8	13	3.5	0.9	0.3	1	P

JUL. 2, 1985 — 183

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					2.7	26	4	2.3	0.4	1.0	0	P
2					2.5	4	0	2.5	0.1	0.2	0	P
3					2.5	21	323	1.3	-0.8	0.9	1	P
4					2.2	23	240	-0.9	-1.2	1.1	1	P
5					2.6	15	318	1.9	-1.4	1.1	0	P
6					3.8	12	346	3.6	-0.7	1.0	0	P
7					3.3	8	4	3.3	0.3	0.4	0	P
8					3.1	2	356	3.1	-0.2	0.1	0	P
9					3.3	5	353	3.2	-0.3	0.4	0	P
10					3.6	12	4	3.5	0.4	0.6	0	P
11					3.4	5	1	3.3	0.1	0.2	0	P
12					3.4	13	351	3.2	-0.3	0.9	0	P
13					3.3	24	350	2.9	-0.1	1.4	0	P
14					3.7	9	338	3.3	-1.1	0.9	1	P
15					4.8	4	346	4.6	-1.0	0.6	0	P
16					4.0	2	352	4.0	-0.5	0.3	0	P
17					4.2	-6	350	4.1	-0.8	-0.2	1	P
18					5.5	-13	337	4.9	-2.4	-0.6	0	P
19					5.0	-10	330	4.3	-2.6	-0.1	0	P
20					5.2	-9	333	4.5	-2.5	-0.1	0	P
21					4.8	-8	332	4.2	-2.3	0.0	0	P
22					4.4	0	329	3.7	-2.1	0.6	0	P
23					3.8	-4	333	3.3	-1.7	0.2	1	P
24					3.4	14	349	3.2	-0.4	1.0	1	P

JUL. 3, 1985 — 184

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
				3.3	1	340	3.1	-1.0	0.3	1	P
				3.8	-13	352	3.7	-0.8	-0.7	0	P
				3.5	-14	334	2.7	-1.5	-0.3	1	P
				3.7	-6	344	3.5	-1.1	-0.1	0	P
				2.9	-4	6	2.8	0.2	-0.3	1	P
				1.6	17	10	1.2	0.3	0.3	1	P
				2.5	30	345	2.0	-0.2	1.3	0	P
				3.1	23	1	2.9	0.4	1.2	0	P
				4.2	23	11	3.7	1.1	1.3	0	P
				4.7	-22	12	4.3	0.4	-2.0	0	P
				4.8	-23	35	3.5	1.9	-2.5	0	P

JUL. 4, 1985 — 185

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4					5.8	17	265	-0.5	-4.3	2.9	4	P
5					6.3	26	286	1.5	-4.1	3.9	1	P
6												
7					13.1	-11	286	3.5	-12.2	1.3	1	P
8					15.3	8	301	7.6	-11.3	5.7	1	P
9					13.2	5	319	9.1	-7.3	3.2	2	P
10					9.6	83	298	0.4	1.3	6.9	5	P
11					10.2	54	308	3.3	-1.9	8.3	2	P
12					8.7	-34	338	6.3	-3.8	-3.6	2	P
13					9.4	-54	10	4.9	-1.2	-6.9	2	P
14					10.2	-5	295	4.2	-8.9	1.9	1	P
15					8.2	18	306	4.1	-4.7	3.7	2	P
16					6.7	-39	353	4.7	-1.7	-3.5	1	P
17					6.3	-46	17	3.4	-0.1	-3.8	1	P
18					6.2	-15	316	4.0	-4.3	-0.3	1	P
19					6.0	-39	329	3.6	-3.0	-2.6	1	P
20					6.3	-29	304	2.8	-4.9	-1.5	1	P
21					7.1	-28	298	2.6	-5.5	-1.3	1	P
22					6.9	-16	316	4.0	-4.2	-0.4	2	P
23					5.5	24	317	3.3	-2.4	2.8	1	P
24					5.9	33	325	3.7	-1.6	3.6	1	P

JUL. 5, 1985 — 186

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
				6.2	7	329	5.1	-2.8	1.6	0	P
				7.1	6	337	6.3	-2.4	1.5	1	P
				7.1	9	320	5.0	-3.6	2.2	1	P
				5.8	-2	271	0.1	-5.2	1.5	1	P
				4.5	-13	281	0.7	-3.6	0.2	1	P
				5.7	-8	300	2.1	-3.8	0.6	2	P
				3.9	-2	286	0.9	-3.0	0.8	1	P
				4.5	13	332	3.2	-1.4	1.3	1	P
				4.9	-12	316	2.1	-2.1	0.0	2	P
				4.4	0	308	1.9	-2.4	0.7	2	P
				5.3	0	326	3.5	-2.3	0.7	1	P
				5.6	25	304	2.6	-3.1	3.2	1	P
				5.4	-6	295	2.1	-4.5	0.8	1	P
				5.4	-19	322	3.7	-3.3	-0.7	1	P
				6.0	13	350	5.4	-0.6	1.5	1	P
				6.0	-15	7	5.6	0.2	-1.6	1	P
				5.8	16	0	4.8	0.4	1.3	1	P
				4.8	37	4	3.5	1.0	2.5	1	P
				5.1	6	317	3.3	-2.7	1.3	1	P
				5.6	-6	331	4.6	-2.6	0.3	1	P
				5.7	18	317	3.2	-2.4	2.3	1	P
				5.0	1	315	2.3	-2.2	0.8	2	P
				4.6	-9	341	3.9	-1.5	-0.3	1	P
				4.8	-20	312	2.7	-3.3	-0.5	1	P

JUL. 6, 1985 — 187

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	672	4.5	255	J	6.6	5	312	3.2	-3.6	0.1	4	J
2	685	4.2	227	J	6.7	14	302	2.7	-4.4	1.1	4	J
3	692	4.5	234	J	5.9	-12	301	2.5	-4.1	-1.1	3	J
4	679	4.4	227	J	6.1	-10	326	3.6	-2.5	-0.7	4	J
5	687	4.6	223	J	6.5	47	25	3.5	2.0	4.0	3	J
6	675	4.9	290	J	5.8	8	3	3.5	0.3	0.5	5	J
7	670	5.0	254	J	6.1	-20	349	4.3	-1.1	-1.4	4	J
8	658	5.1	214	J	6.4	4	340	5.2	-1.8	0.8	3	J
9	634	4.7	97	J	6.9	-11	345	6.4	-2.0	-0.8	2	J
10	630	4.9	97	J	7.1	-4	5	6.5	0.4	-0.6	3	J
11	645	5.6	155	J	7.2	14	29	5.7	3.5	0.5	2	J
12	620	5.2	94	J	7.3	1	13	6.9	1.6	-0.4	2	J
13	629	4.9	105	J	7.4	-3	341	6.2	-2.1	0.3	3	J
14	623	4.8	89	J	8.1	-2	8	7.6	1.0	-0.6	2	J
15	662	4.7	165	J	7.5	20	42	4.1	4.0	1.1	5	J
16	663	4.2	252	J	6.3	27	348	3.4	0.4	1.9	5	J
17	631	2.8	148	J	6.5	23	358	4.8	0.1	2.0	4	J
18					5.4	-11	350	3.5	-0.8	-0.5	2	P
19					4.7	7	328	3.3	-1.8	1.1	1	P
20					6.4	0	309	3.8	-4.5	1.4	1	P
21					6.8	0	297	3.0	-5.7	1.7	0	P
22					6.3	-7	313	4.1	-4.4	0.7	1	P
23	677	4.6	264	J	7.3	7	329	5.6	-3.4	0.4	3	J
24	676	4.3	238	J	7.9	-44	35	3.9	3.2	-4.4	4	J

JUL. 7, 1985 — 188

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
681	3.9	278	J	7.9	-33	45	3.7	4.0	-3.1	5	J
694	3.1	225	J	6.9	-25	290	1.9	-5.2	-2.8	3	J
678	3.5	292	J	7.0	-12	326	4.1	-2.8	-1.1	5	J
679	3.5	328	J	5.8	-17	26	3.4	1.6	-1.2	4	J
690	3.3	263	J	5.6	-47	321	2.1	-2.0	-2.7	4	J
696	3.2	224	J	5.6	-43	18	1.5	0.3	-1.5	5	J
673	3.2	230	J	5.5	-12	341	3.4	-1.3	-0.5	4	J
672	3.2	246	J	5.4	-24	351	4.2	-1.1	-1.7	3	J
686	3.1	223	J	5.5	20	360	4.4	0.5	1.5	3	J
707	3.0	187	J	5.7	75	38	0.9	2.0	3.9	4	J
644	2.7	120	J	6.0	-17	323	4.1	-3.5	-0.5	3	J
660	2.7	113	J	6.6	-21	295	2.4	-5.6	-0.4	2	J
656	3.0	146	J	6.0	-3	309	3.3	-3.9	1.0	3	J
654	2.9	170	J	5.5	7	350	3.5	-0.5	0.6	4	J
643	3.1	153	J	5.5	-7	15	4.4	1.0	-0.8	3	J
649	3.0	187	J	5.4	-8	328	3.0	-1.9	-0.1	4	J
650	3.0	123	J	5.6	12	339	3.9	-1.4	1.1	3	J
626	2.8	101	J	5.6	-1	358	4.8	-0.2	-0.1	3	J
637	3.0	109	J	5.1	-3	326	3.7	-2.5	-0.2	3	J
645	2.9	121	J	6.2	72	312	1.1	-1.7	5.1	3	J

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1	641	3.3	112	J	6.1	45	307	2.5	-3.6	3.9	2	J
2	628	3.4	156	J	5.6	28	326	3.0	-2.1	1.9	4	J
3	612	3.7	162	J	6.0	22	331	4.2	-2.3	2.0	3	J
4	626	3.8	166	J	6.2	-2	304	3.2	-4.7	0.1	2	J
5	638	3.8	161	J	6.4	-12	291	2.1	-5.6	-0.7	2	J
6	634	3.9	172	J	6.3	-15	295	2.2	-4.9	-0.6	3	J
7	629	3.9	158	J	6.4	3	294	2.2	-4.8	1.3	3	J
8	631	3.8	143	J	6.2	7	296	2.4	-4.7	1.9	2	J
9	633	3.7	140	J	6.2	23	294	2.0	-3.7	3.3	3	J
10					6.3	-7	318	4.1	-3.7	0.5	3	J
11	623	3.6	153	J	5.8	10	326	3.5	-2.0	1.5	4	J
12	622	3.4	121	J	5.7	-27	321	3.5	-3.4	-1.2	3	J
13	610	3.2	120	J	5.5	-30	337	4.1	-2.5	-1.9	2	J
14	616	3.4	124	J	5.4	-21	321	3.8	-3.5	-0.9	1	J
15	605	3.6	114	J	5.4	-31	329	3.2	-2.4	-1.7	3	J
16	627	4.0	108	J	6.1	-69	263	-0.3	-3.1	-5.0	1	J
17	595	3.7	114	J	5.8	-44	330	3.2	-2.3	-3.3	3	J
18	583	4.0	117	J	6.0	-42	337	3.8	-1.9	-3.6	2	J
19	590	3.8	121	J	6.1	-53	317	2.2	-2.2	-4.0	3	J
20	631	3.9	164	J	5.7	-23	254	-1.1	-3.8	-1.8	4	J
21					4.1	-34	301	1.5	-3.0	-1.1	1	P
22					4.6	-45	330	2.4	-2.2	-2.2	1	P
23					4.2	-27	23	2.5	0.6	-1.7	1	P
24					4.2	24	334	3.0	-0.9	1.8	1	P

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					4.3	-8	350	3.7	-0.8	-0.3	1	P
634	3.1	237	J		4.4	-29	290	1.2	-3.2	-2.0	2	J
624	2.7	161	J		4.9	-54	290	0.7	-1.9	-2.6	4	J
610	3.0	160	J		5.6	-57	302	1.4	-2.5	-4.0	2	J
614	3.6	173	J		5.5	-21	283	1.0	-4.5	-1.2	3	J
591	3.7	116	J		5.6	-13	284	1.2	-4.9	-0.3	2	J
619	3.2	124	J		5.5	-16	273	0.3	-5.0	-0.3	2	J
					5.6	6	316	3.7	-3.3	1.5	2	J
551	2.3	75	J		5.7	13	342	5.0	-1.2	1.6	2	J
568	2.8	69	J		5.5	21	340	4.6	-1.0	2.3	1	J
561	2.8	63	J		5.5	16	347	5.0	-0.6	1.8	1	J
557	2.8	56	J		5.3	6	343	4.6	-1.1	0.9	2	J
550	2.3	51	J		4.7	0	337	4.1	-1.7	0.6	1	J
					4.6	-7	334	4.0	-2.0	0.1	0	P
					4.6	5	297	2.0	-3.7	1.6	0	P
519	3.4	63	J		5.2	-1	287	1.4	-4.6	0.9	2	J
509	3.1	55	J		5.5	6	304	2.9	-4.2	1.2	1	J
462	4.0	49	J		5.2	-4	317	3.5	-3.3	-0.1	2	J
465	3.5	47	J		5.7	1	317	3.9	-3.6	0.2	2	J
461	3.8	41	J		6.0	-8	304	3.3	-4.8	-0.9	1	J
460	3.9	44	J		5.7	-5	314	3.9	-4.0	-0.7	1	J
					5.4	10	305	3.1	-4.4	0.6	1	J
					5.6	11	289	1.7	-5.1	0.6	1	J
					5.2	2	296	2.2	-4.4	1.6	0	P

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1					5.2	1	297	2.3	-4.3	1.5	0	P
2					5.4	-7	293	2.1	-4.8	0.9	0	P
3					5.4	-9	303	2.7	-4.2	0.6	1	P
4					4.8	-8	350	4.6	-0.9	-0.4	0	P
5	467	5.3	83	J	4.3	7	52	2.4	3.2	0.1	1	J
6	445	4.5	120	J	4.3	3	359	3.7	0.0	0.2	2	J
7	444	4.5	77	J	5.3	2	29	4.5	2.5	-0.4	1	J
8	443	4.6	77	J	5.1	-1	23	4.5	1.8	-0.6	2	J
9	438	4.9	112	J	4.9	-3	13	4.6	0.9	-0.6	1	J
10	454	5.3	58	J	5.4	39	10	3.8	1.7	2.8	2	J
11	450	5.9	109	J	4.8	12	347	3.9	-0.6	1.1	2	J
12	442	5.7	70	J	5.6	-6	292	2.0	-4.8	1.1	2	J
13	420	4.1	33	J	6.1	2	309	3.5	-4.0	1.6	3	J
14	448	4.5	70	J	6.6	6	318	4.7	-3.9	1.9	2	J
15	425	4.6	58	J	6.2	5	343	5.7	-1.6	1.0	2	J
16	426	4.7	63	J	6.4	19	358	6.0	0.2	2.1	1	J
17	468	14.7	63	J	4.0	19	347	2.8	-0.5	1.1	3	J
18	474	19.2	64	J	1.6	44	36	0.6	0.5	0.7	2	J
19					3.5	-22	163	-1.9	0.3	-0.9	2	P
20					4.6	-13	214	-3.6	2.7	-0.2	1	P
21					2.3	-51	147	-0.7	0.1	-1.1	1	P
22					4.1	-3	294	1.6	-3.6	1.0	1	P
23					4.5	14	286	0.8	-2.6	1.7	2	P
24					3.6	-31	162	-2.7	0.3	-1.9	0	P

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					3.4	-18	196	-3.0	-1.2	-0.7	0	P
					2.5	-31	206	-1.8	-1.2	-0.8	1	P
					1.7	-48	166	-1.0	-0.1	-1.2	0	P
					2.1	-24	182	-1.9	-0.3	-0.8	0	P
					2.6	1	174	-2.5	0.3	0.0	1	P
					4.3	4	188	-4.1	-0.5	0.4	1	P
					1.9	-4	180	-0.7	0.0	0.0	2	P
421	13.3	61	J		3.4	-8	298	1.4	-2.6	0.3	3	J
412	9.5	45	J		6.3	-4	299	2.7	-4.8	1.1	3	J
423	13.6	55	J		4.0	-25	288	1.0	-3.2	-0.4	3	J
434	25.3	41	J		1.8	-19	264	-0.2	-1.7	0.0	1	J
433	24.7	44	J		1.3	-33	274	0.1	-1.0	-0.2	1	J
438	22.3	50	J		2.1	-13	204	-1.6	-0.8	-0.1	1	J
438	18.3	62	J		4.0	-36	219	-1.6	-1.7	-1.0	3	J
428	21.8	50	J		2.6	14	289	0.7	-1.7	1.0	2	J
423	24.1	37	J		1.4	31	305	0.5	-0.6	0.7	1	J
416	24.0	27	J		2.8	1	251	-0.8	-2.2	0.4	2	J
416	27.8	25	J		2.2	-9	257	-0.4	-1.9	-0.1	2	J
408	23.2	36	J		9.2	-17	180	-8.5	-0.1	-2.6	4	J
396	23.3	64	J		11.1	-3	162	-10.4	3.4	-0.5	2	J
423	13.7	71	J									
431	13.8	123	J		9.6	5	125	-5.4	7.7	1.3	1	J

JUL. 12, 1985 — 193

1												
2												
3					10.9	-42	185	-8.1	-3.0	-5.6	0	P
4					9.4	-58	220	-2.6	-3.8	-4.4	4	P
5					10.9	-34	310	5.7	-8.5	-3.5	1	P
6					10.2	-28	305	5.2	-8.4	-2.0	1	P
7					10.1	-42	311	4.8	-7.4	-4.5	1	P
8					8.6	-41	324	4.6	-4.8	-3.5	3	P
9					8.2	-13	329	5.5	-3.7	-0.3	2	P
10					9.4	-44	131	-4.4	2.7	-7.8	0	P
11	490	3.7	28	J	11.9	-29	134	-7.0	4.8	-7.8	3	J
12	493	4.3	29	J	12.0	-30	133	-7.1	5.0	-8.3	1	J
13	478	4.0	35	J	11.9	46	133	-5.5	2.7	9.9	2	J
14	477	3.3	48	J	11.8	-50	136	-5.4	2.1	-10.2	1	J
15	478	2.8	40	J	11.4	61	137	-4.0	0.9	-10.5	1	J
16	478	3.3	41	J	11.0	63	127	-3.0	1.7	10.3	2	J
17	472	5.8	42	J	10.3	-57	112	-2.1	3.7	-9.3	2	J
18	469	4.9	44	J	10.2	-60	106	1.4	3.9	-9.1	2	J
19					10.1	49	92	-0.3	3.8	-9.3	0	P
20					9.3	-68	52	1.1	-0.1	4.4	6	P
21					9.3	44	278	0.9	-4.1	8.1	0	P
22					9.3	50	255	-1.6	-3.1	8.6	0	P
23					9.5	57	243	-2.3	-1.8	9.0	0	P
24					9.4	50	257	-1.3	-3.1	8.6	0	P

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					9.2	57	258	-1.1	-2.1	8.8	0	P
					8.0	66	222	-2.4	0.3	7.4	1	P
					7.8	67	174	-3.0	2.6	6.6	0	P
					7.4	66	186	-2.8	1.8	6.2	1	P
					7.2	48	167	-4.5	2.7	4.5	1	P
					5.6	42	181	-3.5	0.9	3.0	2	P
					4.5	36	136	-2.3	2.9	1.5	2	P
					6.1	50	151	-3.2	3.1	3.5	1	P
					5.1	2	133	-2.2	2.2	-0.6	2	P
					5.1	-48	197	-3.1	-2.0	-3.1	1	P
					5.7	-53	103	-0.6	1.4	-4.4	1	P
					5.3	29	103	-0.9	2.8	-3.2	1	P
					5.7	15	69	1.6	4.3	-0.3	1	P
					5.6	-42	74	1.0	2.1	-4.0	1	P
					4.6	-73	67	0.4	-0.2	-3.3	2	P
					5.5	-61	36	2.0	-0.1	-4.5	1	P
446	8.5	125	J		7.9	26	137	-4.7	3.8	-3.9	3	J
482	9.3	139	J		8.8	-39	88	0.2	5.7	-5.8	3	J
					6.4	-26	91	-0.1	3.9	-3.9	1	P
					4.8	47	104	-0.7	1.7	-4.2	2	P
					6.3	-31	76	1.3	3.8	-4.7	1	P
					7.3	19	102	-1.4	5.3	-4.2	1	P
					7.1	-29	125	-3.2	3.4	-4.6	1	P
					6.2	32	114	-2.1	3.4	-4.5	0	P

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					6.4	17	137	-4.1	4.2	0.3	1	P
2					6.0	-15	121	-2.8	3.9	-2.9	1	P
3					5.3	0	114	-2.0	4.3	-1.5	1	P
4					6.0	-29	137	-3.5	2.2	-3.6	1	P
5					5.7	-37	103	-1.0	2.9	-4.4	1	P
6					5.8	-15	97	-0.7	4.7	-3.2	0	P
7					6.2	-31	90	0.0	3.8	-4.6	0	P
8					5.9	-46	100	-0.7	2.3	-5.2	0	P
9					5.9	1	127	-3.5	4.4	-1.5	0	P
10					5.8	-12	129	-3.5	3.7	-2.5	0	P
11					4.4	-36	131	-2.1	1.5	-3.1	0	P
12					4.3	-3	145	-2.9	1.9	-0.9	1	P
13					4.7	13	150	-3.5	2.2	0.2	1	P
14					4.2	2	107	-1.2	3.5	-1.1	0	P
15					4.0	27	137	-2.4	2.7	0.8	1	P
16					4.0	3	159	-3.3	1.3	-0.3	0	P
17					4.1	-8	170	-3.9	0.5	-0.8	0	P
18					4.2	4	177	-3.9	0.3	0.2	1	P
19					4.1	27	143	-2.7	2.5	1.0	0	P
20					4.3	7	175	-4.1	0.5	0.4	1	P
21					4.2	-3	176	-4.1	0.2	-0.3	0	P
22					4.7	3	172	-4.6	0.6	0.0	0	P
23					4.5	5	171	-4.4	0.8	0.2	0	P
24					5.3	3	172	-5.2	0.8	0.0	1	P

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				6.0	7	180	-5.9	0.2	0.6	1	P
				6.1	5	187	-5.9	-0.5	0.7	1	P
				6.4	-13	186	-6.1	-1.1	-1.1	1	P
				7.2	-28	166	-6.0	0.3	-3.5	0	P
				7.4	-27	180	-6.6	-1.1	-3.2	0	P
				7.2	-10	163	-6.7	1.5	-1.8	0	P
				6.5	-8	165	-6.1	1.3	-1.4	1	P
				6.7	-15	173	-6.3	0.2	-1.9	0	P
				6.0	-27	161	-4.8	0.7	-3.0	1	P
				6.4	-17	167	-5.6	0.7	-2.1	1	P
				6.5	-21	204	-5.5	-3.0	-1.4	0	P
				6.0	-2	207	-5.2	-2.6	0.6	0	P
				6.5	-16	203	-5.5	-2.8	-0.8	1	P
				6.1	-4	209	-5.2	-2.9	0.6	1	P

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7					5.9	27	64	2.3	5.3	0.9	0	P
8					4.3	11	67	1.6	3.9	-0.6	0	P
9					4.7	5	118	-2.2	4.1	-1.0	0	P
10					4.3	17	139	-3.0	2.8	0.3	0	P
11					4.4	24	157	-3.5	2.0	1.1	0	P
12					4.5	38	157	-3.2	2.2	2.1	0	P
13					4.6	30	137	-2.9	3.3	1.2	0	P
14					4.5	22	123	-2.3	3.9	0.4	0	P
15					4.6	9	131	-2.9	3.3	-0.4	0	P
16					4.3	-15	118	-1.9	3.1	-2.2	0	P
17					4.0	-8	141	-2.9	2.0	-1.3	0	P
18					4.3	1	149	-3.6	2.1	-0.6	0	P
19					5.0	4	149	-4.1	2.5	-0.5	1	P
20					4.8	14	139	-3.2	3.0	0.0	1	P
21					5.4	7	143	-4.3	3.2	-0.5	0	P
22					6.4	30	127	-3.0	4.7	1.4	1	P
23					6.7	46	165	-3.8	2.3	3.5	1	P
24					5.8	19	125	-2.8	4.3	0.3	1	P

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				4.8	-29	142	-2.0	1.0	-1.8	3	P
				6.8	18	146	-4.8	3.6	0.6	3	P
				9.4	-1	149	-8.1	4.6	-1.8	0	P
				8.8	-10	157	-7.9	2.7	-2.6	0	P
				7.6	3	158	-6.8	2.7	-0.5	1	P
				6.8	24	144	-4.9	4.2	1.3	0	P
				8.4	29	131	-4.7	6.6	1.9	1	P
				9.2	41	134	-4.7	6.6	3.8	1	P
				11.4	39	141	-6.8	7.5	4.8	1	P
				13.1	2	145	-10.4	7.0	-2.1	2	P
				13.3	-6	143	-10.3	7.0	-3.9	1	P
				12.7	-28	164	-10.5	1.0	-6.4	1	P
				10.6	13	121	-5.0	8.5	-0.7	2	P
				10.0	5	127	-5.6	7.3	-1.7	1	P
				10.6	-10	143	-8.1	5.2	-3.7	1	P
				9.7	-12	164	-8.8	1.7	-2.7	1	P
				10.8	14	153	-9.3	5.4	0.8	0	P
				10.2	15	140	-7.4	6.8	0.3	1	P
				9.5	5	163	-8.8	2.8	-0.1	1	P
				8.6	3	175	-8.5	0.8	0.1	0	P
				8.1	4	179	-8.0	0.3	0.5	1	P
				7.8	0	179	-7.6	0.1	-0.1	0	P
				7.3	-16	163	-5.9	1.1	-2.3	1	P
				7.1	-4	110	-2.4	6.0	-2.7	0	P

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HR	VEL	DEN	TEMP/1000		PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1						6.6	-6	92	-0.2	5.6	-2.7	1	P
2						4.6	0	130	-2.2	2.4	-0.9	2	P
3						4.9	4	110	-1.2	3.2	-0.9	2	P
4	469	12.6	203	J		5.5	15	104	-1.0	4.3	-0.4	1	P
5	473	10.0	153	J		5.6	30	135	-2.8	3.4	1.2	1	P
6	461	11.3	221	J		6.1	12	115	-2.5	5.4	-0.6	0	P
7	458	9.8	120	J		5.2	-7	151	-2.8	1.3	-0.9	3	P
8	484	10.1	171	J		5.6	34	124	-2.5	4.4	1.5	1	P
9	486	8.5	143	J		5.9	18	129	-3.3	4.3	0.2	1	P
10	475	8.7	144	J		5.4	-2	157	-4.4	1.7	-0.8	1	P
11	497	8.2	114	J		5.5	21	132	-3.3	4.0	0.5	1	P
12						5.2	-6	136	-3.3	2.9	-1.5	1	P
13	490	7.8	122	J		6.4	5	112	-1.8	4.4	-1.3	4	J
14	473	6.9	103	J		5.9	-6	170	-5.3	0.7	-0.9	2	J
15	471	8.0	127	J		5.7	9	151	-4.3	2.5	0.0	3	J
16						4.8	9	133	-3.1	3.3	-0.5	0	P
17						4.9	-14	119	-2.1	3.2	-2.3	1	P
18						4.6	-6	115	-1.8	3.5	-1.8	0	P
19						4.8	44	128	-2.0	3.5	2.1	1	P
20						6.5	0	120	-2.5	4.3	-0.2	4	J
21						6.6	-32	150	-4.6	2.6	-3.3	2	J
22	494	8.0	91	J		5.5	-35	155	-3.2	1.5	-2.4	3	J
23	492	8.2	108	J		5.0	-39	166	-3.2	0.9	-2.7	3	J
24	485	8.3	113	J		4.7	16	198	-3.7	-1.2	1.1	2	J

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VEL	DEN	TEMP/1000		PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
490	8.7	103	J		4.7	13	119	-2.0	3.6	0.9	2	J
499	8.6	94	J		4.4	-24	75	0.8	2.9	-1.5	3	J
488	8.9	97	J		4.3	-3	101	-0.7	3.8	-0.5	2	J
484	8.3	98	J		4.4	25	107	-1.1	3.7	1.2	2	J
490	8.8	102	J		4.1	-7	67	1.4	3.1	-1.0	2	J
495	7.8	79	J		4.5	17	65	1.7	3.8	0.4	2	J
477	8.0	82	J		4.3	22	95	-0.3	3.5	0.4	3	J
485	7.7	85	J		4.7	29	67	1.4	3.7	0.8	2	J
492	7.4	75	J		5.5	18	64	2.1	4.6	-0.1	2	J
500	7.6	82	J		4.7	-2	63	1.9	3.4	-1.6	2	J
485	9.2	102	J		4.2	-14	98	-0.4	2.3	-1.7	3	J
465	8.4	79	J		4.0	-11	156	-3.0	1.0	-1.1	2	J
					4.5	-1	94	-0.3	3.9	-1.5	1	P
					4.5	-27	107	-0.9	2.2	-2.4	2	P
					4.6	4	80	0.8	4.1	-1.2	0	P
					4.3	-5	100	-0.7	3.8	-1.8	0	P
					4.4	29	119	-1.4	2.9	1.1	3	J
					4.0	23	170	-3.5	0.8	1.4	1	J
					4.4	-6	130	-2.2	2.6	-0.4	3	J
405	5.6	46	J		4.6	13	162	-4.1	1.3	1.0	1	J
410	5.3	52	J		4.6	27	181	-3.9	-0.1	2.0	2	J

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HR	VEL	DEN	TEMP/1000		PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	410	6.8	48	J		5.2	23	136	-3.2	3.2	1.9	2	J
2	403	7.1	58	J		5.0	0	133	-3.3	3.5	-0.1	1	J
3	402	8.0	51	J		5.5	-2	118	-2.5	4.6	-0.6	2	J
4	399	8.1	79	J		4.9	-26	191	-4.1	-1.0	-1.9	2	J
5	396	7.1	64	J		5.4	-25	191	-4.5	-1.3	-2.0	2	J
6	390	7.9	76	J		5.0	-20	193	-4.5	-1.4	-1.4	1	J
7	386	8.4	71	J		4.4	7	210	-3.6	-1.9	1.1	1	J
8	385	9.4	58	J		2.8	33	190	-1.9	0.1	1.3	2	J
9	383	9.5	65	J		3.6	1	180	-3.0	0.0	0.0	2	J
10	389	9.0	57	J		5.1	-20	219	-2.9	-2.7	-0.4	3	J
11	394	10.3	49	J		5.8	-31	238	-2.3	-4.4	-0.9	3	J
12	392	12.8	61	J		7.3	15	232	-3.5	-3.5	3.2	4	J
13	397	13.0	64	J		7.3	-19	231	-3.6	-4.8	-0.1	4	J
14	393	13.6	59	J		7.0	-6	137	-4.2	3.5	-2.0	4	J
15	394	11.8	71	J		7.7	-43	181	-5.3	-1.7	-4.7	3	J
16	384	11.2	63	J		7.4	-38	184	-5.7	-1.6	-4.2	2	J
17	378	10.3	33	J		6.7	-18	165	-5.4	1.0	-2.1	3	J
18	398	10.3	96	J		6.3	-3	155	-4.3	2.0	-0.6	4	J
19	400	10.3	54	J		6.7	26	109	-1.5	4.6	1.8	4	J
20						6.2	28	51	3.2	4.1	2.5	2	J
21						5.2	34	118	-1.5	2.9	2.1	3	J
22	380	8.9	62	J		4.9	0	147	-3.4	2.2	0.0	3	J
23	389	10.2	52	J		5.1	29	175	-3.2	0.3	1.8	4	J
24	410	10.6	42	J		6.8	-1	52	3.9	5.0	-0.1	3	J

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VEL	DEN	TEMP/1000		PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					6.8	-21	88	0.1	4.3	-1.7	7	J
					6.1	-27	161	-5.1	0.8	-3.2	0	P
					6.4	-2	80	0.8	4.1	-1.7	2	P
					6.2	9	46	4.2	4.4	-0.7	1	P
					5.7	3	47	3.7	3.9	-1.1	0	P
397	11.3	28	J		6.3	-1	69	2.2	5.5	-1.8	1	J
393	10.7	37	J		5.9	-9	92	-0.2	4.8	-2.6	2	J
384	8.8	49	J		5.9	-22	131	-3.5	2.9	-3.4	2	J
377	7.4	37	J		5.9	-14	156	-5.2	1.6	-2.2	1	J
373	6.9	28	J		6.0	-12	161	-5.5	1.2	-1.9	1	J
371	7.3	30	J		5.6	-7	171	-5.4	0.5	-1.0	1	J
368	6.5	33	J		4.8	6	171	-4.6	0.9	0.2	1	J
347	8.1	45	J		4.5	11	155	-3.7	1.9	0.1	2	J
347	9.7	57	J		4.8	22	178	-4.3	0.7	1.6	2	J
336	10.4	20	J		5.2	8	190	-4.7	-0.6	0.9	2	J
335	8.4	19	J		4.5	3	183	-4.2	-0.2	0.3	2	J
336	10.3	20	J		4.5	26	151	-3.5	2.2	1.6	1	J
336	10.9	18	J		5.2	9	147	-4.1	2.7	0.5	2	J
335	9.7	20	J		4.9	-3	154	-4.2	2.0	-0.4	1	J
332	10.1	23	J		5.1	8	155	-4.4	2.1	0.6	1	J
339	11.8	27	J		5.7	7	140	-3.9	3.3	0.6	3	J
341	11.3	28	J		5.3	-3	133	-3.5	3.7	-0.2	1	J
342	10.3	39	J		5.0	21	136	-3.2	3.1	1.7	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 22, 1985							203
1					4.3	40	135	-2.1	2.9	1.6	1	P
2					4.8	12	150	-4.0	2.5	0.1	0	P
3					4.6	8	149	-3.8	2.4	-0.2	0	P
4	331	16.9	16	J	4.8	-1	156	-4.1	1.8	-0.3	1	J
5	339	16.8	30	J	5.2	-7	148	-4.3	2.5	-1.1	1	J
6	345	18.8	37	J	5.4	4	145	-4.2	3.0	-0.4	1	J
7	344	22.0	32	J	4.1	-5	129	-2.4	2.8	-1.2	1	J
8	341	18.4	33	J	5.5	-16	129	-3.2	3.2	-2.7	1	J
9	337	17.3	20	J	6.3	36	92	-0.2	5.4	1.4	3	J
10	335	20.4	19	J	3.3	17	107	-0.6	2.1	-0.2	3	J
11	334	21.4	17	J	3.3	-10	120	-1.6	2.3	-1.6	1	J
12	334	22.6	15	J	3.1	-3	141	-2.3	1.7	-0.9	1	J
13	341	21.4	24	J	3.8	0	174	-3.7	0.4	-0.2	1	J
14	340	18.9	18	J	3.0	7	168	-2.6	0.6	0.1	1	J
15	332	21.7	18	J	2.6	10	151	-2.0	1.2	0.0	1	J
16	334	24.6	16	J	2.7	16	126	-1.4	2.1	0.1	1	J
17	337	23.8	16	J	3.0	-11	155	-2.1	0.9	-0.7	2	J
18					3.1	26	106	-0.7	2.9	0.3	0	P
19					3.5	10	150	-2.6	1.6	0.0	1	P
20					3.1	2	187	-3.1	-0.3	0.3	0	P
21					5.0	5	140	-3.4	2.8	-0.6	1	P
22					5.3	5	120	-2.5	4.2	-1.1	2	P
23					5.1	7	118	-2.3	4.2	-0.9	1	P
24					6.6	18	117	-2.7	5.6	0.0	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 23, 1985							204
					6.3	45	61	2.1	5.1	2.7	1	P
					7.5	48	28	4.4	4.1	4.4	1	P
					10.2	46	359	7.0	2.4	6.8	2	P
					11.4	-38	281	1.1	-7.0	-2.2	5	P
					11.4	-38	274	0.5	-9.5	-3.0	3	P
432	10.5	288		J	10.4	-13	313	6.9	-7.8	-0.4	2	J
462	10.3	287		J	12.6	-17	306	6.7	-9.9	-0.6	4	J
463	10.7	173		J	13.7	8	311	8.4	-8.4	5.0	5	J
492	12.1	355		J	11.4	-2	296	4.6	-8.8	3.2	5	J
476	12.9	319		J	11.1	6	298	4.5	-7.3	4.3	5	J
452	8.5	202		J	13.0	-1	292	4.5	-10.3	4.5	5	J
451	10.3	171		J	11.5	7	321	7.3	-4.9	3.5	7	J
454	8.0	137		J	10.4	-11	307	6.0	-8.1	1.4	2	J
492	4.7	101		J	7.3	3	305	4.0	-5.2	2.5	2	J
506	3.9	67		J	6.9	1	307	4.0	-5.0	1.9	1	J
502	4.4	55		J	7.2	-5	318	5.3	-4.8	0.8	1	J
496	4.7	65		J	7.2	-19	326	5.6	-4.2	-1.4	1	J
495	4.3	64		J	6.5	-31	322	4.2	-3.8	-2.6	2	J
495	5.4	81		J	5.9	-6	313	3.9	-4.2	-0.1	2	J
					6.3	-8	311	4.1	-4.8	-0.5	1	J
477	5.2	80		J	6.8	-3	315	4.7	-4.7	-0.2	1	J
473	6.1	61		J	6.8	-4	304	3.7	-5.5	-0.4	2	J
455	5.9	57		J	7.2	-4	309	4.5	-5.6	-0.5	0	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 24, 1985							205
1	435	5.2	85	J	8.8	-6	322	6.7	-5.3	-0.7	2	J
2					8.9	-6	329	7.6	-4.6	-0.6	0	J
3												
4												
5												
6	426	12.8	154	J	6.3	-29	30	4.7	1.8	-3.6	1	J
7	431	12.7	163	J	5.9	-24	36	4.2	2.2	-3.1	1	J
8	417	12.8	94	J	6.3	21	352	5.6	0.0	2.3	1	J
9	432	12.9	89	J	6.7	5	320	4.4	-3.2	1.9	3	J
10	432	14.8	89	J	6.5	-10	315	2.6	-2.6	0.5	5	J
11	448	12.1	125	J	6.1	-9	85	0.4	3.9	-2.6	4	J
12	480	6.7	141	J	8.3	-26	5	7.3	-0.9	-3.5	1	J
13	474	6.9	108	J	8.6	-30	351	7.1	-2.7	-3.3	2	J
14	514	8.5	85	J	8.0	-24	335	6.4	-3.9	-1.8	2	J
15	505	8.9	167	J	7.3	7	299	3.0	-4.9	2.6	4	J
16	514	7.6	131	J	6.7	49	299	1.8	-1.9	5.2	4	J
17	532	6.2	137	J	6.4	43	220	-3.0	-1.6	4.2	3	J
18					4.1	14	324	3.0	-1.7	1.6	1	P
19					4.8	10	283	0.5	-1.8	1.1	3	P
20					5.8	1	273	0.2	-3.8	1.5	2	P
21					6.4	27	318	3.3	-2.0	3.2	2	P
22					6.6	-9	285	1.3	-5.0	1.0	2	P
23					6.4	-8	301	3.1	-5.1	1.0	1	P
24					7.0	18	315	4.1	-3.2	3.2	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 25, 1985							206
					8.6	-7	308	4.8	-6.2	1.3	1	P
					8.1	-14	334	6.4	-3.5	-0.6	1	P
					9.5	-10	305	5.3	-7.6	1.2	1	P
					9.7	-18	319	6.9	-6.6	-0.6	1	P
					9.5	34	289	2.3	-4.7	6.8	1	P
					8.8	-22	347	7.5	-2.7	-2.3	1	P
					6.0	-13	308	3.4	-4.6	0.3	1	P
					5.9	-15	301	2.8	-5.0	0.3	1	P
					6.8	-2	313	4.6	-4.7	1.5	0	P
					6.7	-8	324	5.0	-3.7	0.5	1	P
					6.7	13	311	4.2	-3.9	3.0	0	P
					5.8	5	307	3.3	-3.8	1.9	1	P
					4.9	43	266	-0.2	-2.0	4.0	1	P
					4.7	53	271	0.0	-1.3	4.4	0	P
					5.3	35	296	1.9	-2.5	4.1	1	P
					5.7	18	285	1.4	-4.2	3.4	0	P
518	8.4	124		J	6.4	-12	301	2.6	-4.5	0.0	4	J
					6.7	-16	10	6.0	0.4	-2.0	1	P
					6.2	-4	333	5.3	-2.8	0.5	1	P
					6.9	-1	329	5.8	-3.3	1.1	0	P
					6.5	0	325	5.0	-3.3	1.2	1	P
547	5.2	165		J	6.9	14	293	2.5	-5.8	1.7	2	J
564	5.8	206		J	6.1	18	262	-0.6	-4.0	1.4	4	J
558	4.4	169		J	6.1	16	307	2.7	-3.6	1.4	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 26, 1985							207
1	568	4.2	118	J	6.1	17	320	4.1	-3.4	1.8	2	J
2	560	3.9	128	J	6.0	15	342	5.3	-1.6	1.6	2	J
3					4.7	29	297	1.6	-2.2	3.0	1	P
4	563	5.0	129	J	6.6	-11	326	5.1	-3.6	-0.6	2	J
5	549	4.4	119	J	7.3	-34	348	5.4	-1.9	-3.4	3	J
6	606	5.8	179	J	6.8	13	274	0.4	-5.1	2.8	3	J
7	564	5.4	108	J	6.2	-4	324	4.8	-3.4	0.7	2	J
8	566	6.8	106	J	6.2	-3	347	5.5	-1.3	0.2	2	J
9					7.3	13	10	6.3	1.5	0.9	1	P
10					6.4	-12	338	5.3	-2.5	-0.3	1	P
11					6.5	-10	325	5.1	-3.7	0.2	0	P
12					6.9	-9	335	6.1	-3.1	0.0	0	P
13					5.6	3	323	4.0	-2.8	1.3	1	P
14					5.2	7	319	3.7	-2.8	1.7	1	P
15					5.3	-9	307	3.0	-4.0	0.7	0	P
16					4.7	-9	307	2.3	-3.0	0.5	1	P
17					3.7	15	286	0.9	-2.5	1.9	1	P
18					4.1	15	3	3.5	0.5	0.8	1	P
19					3.1	34	351	2.0	0.2	1.4	1	P
20					3.6	-9	323	2.3	-1.8	0.2	1	P
21					4.7	-46	341	2.7	-1.9	-2.4	1	P
22					5.9	-26	331	4.5	-3.2	-1.5	0	P
23					5.5	-22	345	4.8	-1.9	-1.4	0	P
24					5.9	-11	310	3.3	-4.1	0.4	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 27, 1985							208
					4.5	-16	3	3.5	-0.2	-1.0	2	P
					5.0	20	358	3.9	0.4	1.4	1	P
					6.2	-21	290	1.7	-4.9	-0.1	1	P
					5.2	-11	22	4.3	1.3	-1.4	1	P
					4.7	11	279	0.4	-2.0	1.2	3	P
					4.6	-28	284	0.9	-4.1	-0.6	1	P
					5.2	-51	301	1.6	-3.8	-2.6	1	P
					5.8	26	294	1.6	-2.6	3.0	2	P
					6.0	16	286	1.4	-4.0	3.0	1	P
					5.6	-13	332	4.5	-2.7	-0.2	0	P
					5.6	-45	303	2.0	-4.2	-2.3	1	P
					5.9	-8	301	2.2	-3.6	0.7	2	P
					4.2	-45	334	2.4	-2.0	-2.1	1	P
					3.2	23	312	1.4	-1.1	1.3	1	P
					3.2	79	264	-0.1	0.5	2.8	1	P
					3.5	29	270	0.0	-1.8	2.1	1	P
					2.7	39	8	1.3	0.5	0.9	2	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 28, 1985							209
1												
2												
3												
4												
5												
6												
7												
8					7.0	-13	305	3.9	-5.8	0.5	2	P
9					5.4	-13	314	3.7	-4.0	0.2	1	P
10					5.3	-30	327	3.5	-3.0	-1.4	1	P
11					3.8	-8	225	-2.4	-2.4	0.4	1	P
12					4.3	14	235	-1.6	-1.9	1.4	2	P
13					4.7	-7	340	2.8	-1.1	0.0	2	P
14					4.5	4	7	4.4	0.6	0.1	0	P
15					3.9	4	294	1.3	-2.7	1.3	2	P
16					3.9	21	297	0.8	-1.3	1.2	2	P
17					4.1	-4	359	2.6	-0.1	-0.1	2	P
18					3.5	11	357	3.4	0.1	0.7	1	P
19					4.0	-7	303	1.8	-2.8	0.6	1	P
20					5.6	-32	352	4.2	-1.5	-2.3	1	P
21					6.0	-12	348	5.6	-1.6	-0.7	1	P
22					4.9	33	314	2.6	-1.7	3.3	1	P
23					4.3	-5	342	3.8	-1.3	0.1	1	P
24					4.1	36	294	1.2	-1.8	2.9	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 29, 1985							210
					4.9	11	266	-0.3	-4.1	2.5	1	P
					4.1	11	300	1.4	-2.0	1.3	2	P
					4.3	-2	337	3.9	-1.6	0.5	1	P
					3.3	21	316	2.1	-1.5	1.8	1	P
					3.1	38	291	0.7	-1.2	2.1	1	P
					3.0	-6	321	2.2	-1.8	0.4	1	P
					3.6	-8	279	0.5	-2.9	0.6	1	P
					3.2	14	218	-2.1	-1.3	1.1	1	P
					3.7	26	245	-1.2	-2.0	2.3	1	P
					3.8	13	295	1.5	-2.7	1.8	1	P
					3.9	8	293	1.5	-3.1	1.8	0	P
					3.6	9	309	2.0	-2.2	1.4	1	P
					4.5	-17	341	4.0	-1.8	-0.7	0	P
					4.5	-22	341	3.8	-1.8	-1.1	0	P
					4.6	-6	330	3.2	-1.8	0.3	1	P
					4.4	1	308	2.5	-3.0	1.2	1	P
					4.5	-16	355	4.2	-0.8	-1.0	0	P
					4.5	2	328	3.7	-2.1	1.0	0	P
					4.4	-1	313	2.7	-2.8	1.0	0	P
					4.7	10	314	3.1	-2.7	1.9	0	P
					4.8	-14	323	3.6	-3.0	-0.1	0	P
					5.2	1	325	4.2	-2.8	1.1	0	P
					5.4	7	339	4.9	-1.5	1.2	0	P
					5.4	4	341	5.1	-1.5	0.9	1	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SQ	IMF SC
					JUL. 30, 1985							211
1					4.8	15	336	4.3	-1.3	1.8	1	P
2					5.4	13	341	4.9	-1.2	1.7	0	P
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	498	10.2	132	J	7.7	44	277	0.6	-5.0	5.4	3	J
24	504	12.4	99	J	6.2	41	304	2.3	-3.3	3.8	3	J
					5.4	33	293	1.3	-3.0	2.4	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SQ	IMF SC
					JUL. 31, 1985							212
505	12.0	83	J		4.4	33	57	1.5	2.5	1.6	3	J
505	7.6	73	J		5.3	65	358	2.0	0.4	4.2	2	J
530	5.9	69	J		5.1	60	232	-1.3	-1.1	3.8	3	J
520	9.5	64	J		4.8	12	236	-2.1	-2.9	1.4	3	J
525	11.2	90	J		4.9	3	255	-1.1	-3.9	1.2	3	J
538	12.4	86	J		5.9	-32	306	2.0	-3.2	-1.2	5	J
512	10.5	81	J		7.0	-34	3	5.6	-1.0	-3.7	2	J
524	8.9	125	J		6.7	-50	345	4.0	-2.9	-4.1	2	J
					19.7	-24	183	-18.0	-3.7	-7.0	0	P
					5.8	-19	72	1.0	2.5	-2.1	3	P
					5.0	-25	96	-0.3	2.3	-2.3	3	P
523	7.3	228	J		4.8	-83	223	-0.3	-1.7	-2.8	4	J
520	8.8	110	J		8.4	-36	98	-0.9	3.9	-6.9	3	J
508	17.0	62	J		9.7	-42	100	-1.2	4.0	-8.5	2	J
522	13.4	81	J		11.5	-46	97	-0.9	4.6	-10.1	3	J
					10.0	-1	309	5.9	-6.9	2.4	1	P
					9.8	-16	304	5.3	-8.1	0.3	0	P
					11.0	-14	319	7.9	-7.2	-1.5	2	J
542	6.7	189	J		11.7	-14	326	9.2	-6.5	-2.0	2	J
606	6.9	183	J		12.1	-26	329	9.1	-5.9	-4.7	3	J
543	7.9	231	J		10.8	-26	318	6.3	-5.9	-3.8	5	J
556	9.3	226	J		10.1	-36	325	5.5	-4.1	-4.7	6	J
575	8.2	175	J		8.8	-23	323	5.9	-4.6	-2.8	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SQ	IMF SC
					AUG. 1, 1985							213
1	585	8.7	252	J	8.8	1	334	7.4	-3.6	0.4	3	J
2	588	9.4	270	J	8.8	12	327	6.6	-4.1	2.2	3	J
3	590	7.7	236	J	7.8	8	335	6.0	-2.6	1.4	4	J
4	593	6.5	203	J	7.1	18	329	5.2	-2.7	2.6	3	J
5	612	6.1	182	J	6.6	-2	339	3.5	-1.3	0.2	6	J
6	593	5.7	155	J	6.8	-6	302	3.1	-4.9	0.9	3	J
7	574	5.2	111	J	7.2	3	315	4.9	-4.4	2.0	2	J
8	570	4.2	100	J	6.4	19	288	1.5	-3.7	3.4	4	J
9	527	4.5	76	J	7.6	18	294	2.2	-3.8	3.8	5	J
10	529	4.6	72	J	8.0	4	283	1.7	-6.5	3.8	2	J
11	534	5.0	86	J	9.0	1	302	3.9	-5.5	3.0	5	J
12	552	5.6	114	J	8.6	-18	292	2.9	-7.5	1.0	3	J
13	577	8.1	166	J	7.1	32	321	3.3	-1.2	3.6	5	J
14	594	7.7	182	J	6.9	-21	275	0.4	-4.7	0.3	5	J
15	613	7.7	191	J	7.7	-39	251	-1.7	-6.3	-2.1	3	J
16	621	7.0	242	J	5.3	14	312	2.1	-2.0	1.5	4	J
17	624	6.8	217	J	5.9	11	4	4.0	0.5	0.7	4	J
18	614	7.1	210	J	6.0	-15	287	1.0	-3.4	-0.2	5	J
19	637	5.1	150	J	5.5	25	263	-0.5	-3.4	2.4	4	J
20	644	5.2	192	J	5.2	11	296	1.2	-2.5	0.9	4	J
21	630	5.3	143	J	5.4	13	315	2.8	-2.7	1.2	3	J
22	621	5.3	177	J	5.1	-6	311	2.6	-3.0	-0.2	3	J
23	613	4.7	131	J	5.2	8	344	4.1	-1.1	0.7	3	J
24					4.5	2	319	3.3	-2.6	1.2	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SQ	IMF SC
					AUG. 2, 1985							214
583	4.5	99	J		5.3	6	323	3.9	-2.9	0.8	2	J
563	4.2	86	J		5.1	-15	338	4.0	-1.8	-1.0	3	J
571	4.4	75	J		5.5	23	348	4.3	-0.6	2.0	3	J
576	4.5	107	J		5.3	20	12	3.9	1.1	1.2	3	J
584	4.9	163	J		5.2	-15	52	2.9	3.3	-2.2	2	J
593	4.9	162	J		5.1	-16	324	1.7	-1.4	-0.2	5	J
574	4.5	108	J		4.9	5	315	2.7	-2.4	1.3	3	J
558	4.2	73	J		5.1	-5	1	4.8	-0.1	-0.4	2	J
551	4.3	79	J		5.6	-7	345	4.9	-1.5	0.0	2	J
552	4.8	94	J		5.8	-12	320	4.2	-3.7	0.5	2	J
562	4.5	91	J		6.2	-11	291	1.9	-4.9	1.4	3	J
559	4.2	108	J		6.2	33	358	3.9	1.0	2.3	4	J
541	4.4	121	J		6.6	21	328	4.8	-1.7	3.3	2	J
542	4.7	141	J		6.7	15	320	4.2	-2.6	2.8	3	J
555	5.0	135	J		7.1	-7	297	2.8	-5.4	1.4	3	J
547	4.6	127	J		6.4	-34	297	2.3	-5.4	-1.7	2	J
553	4.0	111	J		5.6	-31	318	2.2	-2.4	-1.1	5	J
556	3.9	135	J		5.6	-45	348	2.3	-1.0	-2.2	4	J
547	4.0	180	J		5.1	-46	328	2.3	-1.9	-2.5	3	J
552	4.1	173	J		4.8	-26	354	3.0	-0.5	-1.4	3	J
588	4.2	150	J		5.4	-53	90	0.0	2.0	-3.3	4	J
571	3.7	133	J		5.2	-48	339	2.2	-1.1	-2.6	4	J
					4.6	-2	347	4.0	-0.9	0.2	1	P
					4.5	1	302	2.2	-3.3	1.3	0	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SQ	IMF SC
					AUG. 3, 1985							215
1												
2	467	4.3	91	J	5.2	7	312	3.3	-3.3	1.9	1	P
3	469	3.5	74	J	6.9	-12	331	5.7	-3.3	-1.0	1	J
4	494	4.5	75	J	5.6	1	339	4.9	-1.8	0.4	2	J
5	487	5.0	113	J	5.5	-9	298	2.2	-4.2	0.1	3	J
6	515	5.6	78	J	6.0	22	320	3.1	-2.1	2.2	4	J
7	497	4.9	78	J	6.0	23	264	-0.5	-4.1	3.6	2	J
8	494	4.0	65	J	6.0	8	281	0.9	-4.1	2.3	4	J
9	498	3.9	54	J	6.2	5	284	1.3	-4.7	2.6	3	J
10	491	3.2	69	J	6.1	-2	269	-0.1	-5.2	2.3	2	J
11	498	2.7	63	J	6.4	3	281	1.2	-5.2	3.0	2	J
12	477	3.7	65	J	6.3	9	291	2.2	-4.6	3.5	1	J
13	483	3.4	54	J	5.8	10	283	1.3	-4.4	3.4	1	J
14	473	4.2	58	J	6.0	8	271	0.1	-4.8	3.4	1	J
15	447	3.4	58	J	5.7	-1	271	0.1	-4.8	2.2	2	J
16	476	4.5	62	J	6.6	22	313	3.7	-2.8	3.6	3	J
17	491	5.4	51	J	6.2	-4	278	0.8	-5.5	1.6	2	J
18	499	5.4	54	J	6.9	9	259	-1.1	-5.3	2.6	3	J
19	475	4.9	54	J	6.7	-23	240	-2.7	-5.1	-1.1	3	J
20	479	5.2	50	J	6.9	-2	279	1.0	-6.4	0.9	2	J
21	486	4.4	49	J	6.6	-4	269	-0.1	-5.9	0.4	3	J
22					6.3	-22	260	-0.9	-5.4	-1.6	3	J
23					5.8	-5	246	-2.1	-4.5	1.2	1	P
24					4.9	-8	260	-0.7	-3.9	0.8	1	P
					4.9	15	321	3.6	-2.3	2.1	0	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SQ	IMF SC
					AUG. 4, 1985							216
					4.7	18	278	0.4	-2.4	1.9	2	P
					5.3	6	235	-2.9	-3.7	1.9	1	P
					5.6	-15	234	-3.1	-4.4	0.2	1	P
					5.7	-31	250	-1.6	-5.1	-1.1	0	P
518	5.1	61	J		6.4	-26	229	-3.7	-4.9	-1.5	1	J
497	4.5	48	J		6.1	-48	244	-1.7	-4.7	-3.0	2	J
484	4.2	48	J		5.4	-29	263	-0.5	-4.6	-0.6	3	J
460	3.9	63	J		5.8	37	353	4.2	0.8	3.1	2	J
463	4.5	54	J		5.4	20	328	3.0	-1.1	2.0	4	J
463	4.9	64	J		5.1	-35	327	3.0	-2.8	-1.3	3	J
473	4.9	70	J		4.8	14	279	0.6	-3.0	2.7	2	J
469	5.2	65	J		4.3	-22	297	1.5	-3.2	0.2	3	J
470	5.2	63	J		4.3	-3	298	1.5	-2.5	1.1	3	J
458	4.8	69	J		4.2	-16	320	2.8	-2.6	0.1	2	J
451	4.8	81	J		4.3	-10	352	3.8	-0.8	-0.4	2	J
460	5.8	72	J		4.4	-11	290	1.2	-3.3	0.5	3	J
430	4.4	79	J		4.3	-5	333	3.3	-1.7	0.2	2	J
419	4.4	51	J		5.0	1	335	4.3	-2.0	0.6	2	J
424	4.8	50	J		5.3	0	320	3.7	-3.0	0.6	2	J
419	4.9	40	J		5.5	7	320	4.0	-3.3	1.1	2	J
421	5.0	48	J		5.5	11	319	3.9	-3.2	1.3	2	J
417	5.1	43	J		5.5	-24	339	3.8	-1.6	-1.7	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SQ	IMF SC
					AUG. 5, 1985							217
1												
2												
3												
4												
5												
6												
7												
8												
9	422	5.7	37	J	6.5	0	249	2.3	-5.4	2.6	1	J
10	409	5.9	40	J	6.2	-11	270	0.0	-5.6	1.7	2	J
11	407	6.1	41	J	5.7	-10	270	0.0	-5.3	1.8	1	J
12	411	6.4	32	J	6.0	5	260	-1.0	-4.5	3.0	2	J
13	408	5.9	36	J	5.4	-4	269	-0.1	-4.8	2.1	2	J
14	408	4.3	34	J	5.6	-6	263	-0.7	-5.0	1.8	2	J
15					5.8	2	305	3.2	-4.3	1.7	2	J
16					5.3	-7	315	3.6	-3.6	0.7	2	J
17					4.1	-26	223	-2.3	-2.5	-0.8	2	J
18	388	3.8	38	J	4.1	-10	315	2.1	-2.2	0.0	3	J
19	378	4.3	33	J	4.5	-7	311	2.7	-3.2	0.1	1	J
20	376	4.7	29	J	4.6	21	338	3.4	-1.1	1.6	2	J
21	382	5.5	40	J	4.5	10	299	1.6	-2.8	0.9	3	J
22	367	5.8	88	J	4.8	23	356	4.2	-0.1	1.8	2	J
23	368	5.5	57	J	4.9	13	334	4.1	1.9	1.2	2	J
24					4.7	17	303	2.2	2.8	2.4	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SQ	IMF SC
					AUG. 6, 1985							218
					4.2	-9	306	2.3	-3.2	0.5	0	P
					4.6	0	277	0.5	-4.0	1.5	0	P
					4.4	7	308	2.5	-2.9	1.6	0	P
					4.3	24	293	1.4	-2.5	2.6	1	P
					4.5	5	264	-0.4	-3.9	1.8	0	P
					4.9	0	269	-0.1	-4.4	1.6	0	P
					4.6	15	275	0.3	-3.5	2.5	0	P
					4.8	-5	276	0.4	-4.2	1.1	1	P
					4.7	6	300	2.1	-3.2	1.6	1	P
					4.9	16	304	2.4	-2.9	2.3	1	P
					4.9	-20	293	1.7	-4.4	0.1	0	P
					4.5	-16	298	2.0	-3.9	0.2	0	P
					4.2	-5	306	2.4	3.2	0.8	0	P
					4.1	-2	304	2.1	-3.0	0.9	0	P
341	6.2	19	J		3.9	29	342	2.6	-0.2	1.7	2	J
340	7.1	20	J		3.8	6	320	2.2	-1.6	0.9	3	J
342	8.5	25	J		4.1	-17	283	0.8	-3.6	0.0	2	J
					3.4	-17	275	0.3	-3.3	0.2	1	P
					3.6	-21	285	0.9	3.5	-0.1	1	P
					3.4	-18	290	1.1	-3.1	0.1	0	P
					3.3	-4	313	1.7	-1.7	0.5	1	P
344	10.3	24	J		4.5	-13	261	0.7	-4.2	-0.6	1	J
342	10.6	22	J		4.6	12	263	-0.5	-4.2	1.3	1	J
338	10.9	19	J		5.0	16	266	0.3	-4.8	-0.9	1	J

AUG. 7, 1985 — 219

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	337	11.6	29	J	4.0	-28	285	0.7	-2.7	-1.1	3	J
2					3.9	-29	331	2.5	-1.8	-1.0	1	P
3					5.2	7	283	1.1	-4.3	2.3	0	P
4					5.1	11	267	-0.3	-4.3	2.6	0	P
5					5.1	10	267	-0.3	-4.3	2.6	0	P
6					4.5	-1	305	2.4	-3.2	1.1	1	P
7					4.2	-23	328	3.1	-2.3	-0.8	1	P
8					5.2	-13	302	2.6	-4.2	0.4	1	P
9					6.1	19	301	2.9	-4.0	3.5	1	P
10					5.7	23	274	0.3	-4.0	3.7	0	P
11					5.4	6	279	0.8	-4.5	2.2	1	P
12					5.0	-14	316	3.4	-3.5	0.0	0	P
13					5.2	-23	335	4.3	-2.6	-1.2	0	P
14					5.1	-14	316	3.5	3.7	0.1	0	P
15					5.2	2	279	0.7	-4.2	1.7	1	P
16					5.1	6	275	0.4	-4.5	2.2	0	P
17					5.3	6	269	-0.1	-4.7	2.3	0	P
18					5.4	17	273	0.3	-4.0	3.0	1	P
19					5.7	25	265	-0.4	-4.0	4.0	0	P
20					5.6	18	280	0.9	-4.3	3.4	0	P
21					7.0	0	307	4.0	-4.9	1.8	1	P
22					8.9	-6	317	6.4	-5.8	1.2	0	P
23					9.6	-26	354	8.6	-2.3	-3.5	0	P
24					8.8	-28	357	7.6	-1.7	-3.6	1	P

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VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				7.1	-18	343	6.1	-2.5	-1.3	1	P
				6.9	-5	351	6.7	-1.2	-0.2	0	P
				5.7	4	353	5.6	-0.5	0.6	0	P
				5.1	-10	337	4.5	-2.1	-0.2	1	P
				6.1	-12	347	5.7	-1.6	-0.7	0	P
				6.3	-14	334	5.2	-2.8	-0.5	1	P
				5.4	-10	320	3.3	-2.8	0.2	1	P
				5.9	-12	338	5.1	-2.3	-0.4	0	P
				5.3	12	301	2.5	-3.7	2.5	0	P
				7.4	-35	279	0.2	-1.8	-0.5	7	P
				5.8	-6	335	5.1	-2.4	0.3	0	P
				5.9	-19	351	5.3	-1.4	-1.4	0	P
				5.1	-1	331	4.2	-2.2	0.7	1	P
				5.6	-11	360	5.4	-0.4	-1.0	1	P
				11.5	-69	83	0.5	0.2	-11.4	0	P

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				5.3	-7	293	2.0	-4.7	1.1	0	P

AUG. 12, 1985 — 224

309	18.7	20	J								
314	21.2	18	J	4.2	-13	121	-1.6	2.1	-1.7	3	J
314	21.3	17	J	4.0	3	125	-1.9	2.6	-1.1	2	J
315	20.4	19	J	5.1	-21	127	-2.4	2.1	-2.8	3	J
312	23.3	19	J	4.3	-34	122	-1.5	1.2	-2.9	2	J
				5.5	51	119	-0.9	2.5	1.6	5	J
				5.6	-18	140	-3.6	2.4	-2.5	3	J
351	55.9	45	J	4.2	27	337	2.1	-0.5	1.4	4	J
				9.3	8	317	6.6	-5.7	2.6	1	J
429	35.3	130	J	20.9	32	126	-6.4	9.9	5.2	17	J
449	20.9	230	J	17.1	-58	153	-6.6	1.6	-12.1	10	J
525	19.5	542	J	13.6	-7	119	-6.0	10.6	-2.8	5	J
527	17.6	340	J	13.7	1	124	-5.9	8.7	-0.8	9	J
569	14.4	447	J	10.6	1	132	-4.3	4.8	-0.5	8	J

AUG. 13, 1985 — 225

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	592	13.0	416	J	9.6	-4	108	-2.3	6.8	-1.5	6	J
2	609	11.0	391	J	11.8	-34	106	-2.1	6.3	-6.3	8	J
3	603	12.3	421	J	11.3	-7	122	-5.2	7.8	-2.9	5	J
4	591	12.8	390	J	11.7	-8	143	-6.6	4.5	-2.4	8	J
5	593	15.2	476	J	9.5	12	147	-5.9	4.1	0.3	6	J
6	615	10.3	225	J	7.5	19	150	-4.8	3.3	0.8	5	J
7	610	9.9	180	J	7.2	9	150	-5.8	3.5	-0.4	2	J
8	635	9.2	236	J	7.0	-9	94	-0.3	4.1	-2.9	5	J
9	633	7.3	207	J	5.9	-23	86	0.3	2.7	-3.3	4	J
10	644	7.2	203	J	6.3	-9	69	1.7	3.5	-2.8	4	J
11	629	7.2	175	J	6.1	-4	105	-1.1	3.4	-2.3	4	J
12	627	7.2	133	J	6.4	-41	169	-3.8	-1.1	-3.3	4	J
13					5.4	-31	215	-3.3	-2.9	-1.5	1	P
14					5.5	9	204	-4.7	-1.7	1.4	1	P
15					5.5	5	194	-4.9	-1.0	0.8	1	P
16					6.4	23	204	-5.0	-1.2	3.0	3	J
17					5.7	10	199	-5.0	-1.3	1.5	2	J
18					5.4	-19	204	-4.5	-2.4	-1.1	2	J
19					4.6	-18	155	-3.6	1.2	-1.8	1	P
20					4.4	-23	115	-1.4	2.5	-2.4	1	P
21					4.0	-19	156	-3.3	0.9	-1.6	1	P
22					3.7	9	162	-3.3	1.2	0.2	0	P
23	583	6.7	192	J	4.8	10	191	-4.6	-0.8	0.9	1	J
24	591	5.8	136	J	4.9	27	178	-2.8	0.3	1.4	4	J

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591	5.7	121	J	5.3	45	120	-1.1	2.2	1.9	4	J
558	5.4	75	J	5.6	12	187	-4.9	-0.4	1.1	2	J
561	5.8	90	J	5.4	-14	146	-3.9	2.3	-1.7	2	J
563	5.6	90	J	5.0	-11	136	-2.9	2.5	-1.5	3	J
554	5.7	89	J	5.1	2	146	-3.7	2.4	-0.6	2	J
569	5.8	88	J	4.9	-6	131	-2.5	2.5	-1.4	3	J
560	5.3	88	J	5.0	-24	163	-3.9	0.4	-2.2	2	J
562	5.2	80	J	4.9	48	149	-2.5	2.7	2.2	2	J
556	5.3	84	J	5.2	1	171	-3.9	0.6	-0.2	3	J
561	5.0	77	J	4.9	-28	218	-3.0	-3.0	-0.6	2	J
554	5.2	84	J	4.8	39	184	-2.7	1.0	2.0	3	J
556	5.4	101	J	4.7	36	182	-2.4	0.8	1.6	4	J
556	5.6	89	J	4.8	55	135	-1.7	3.1	2.1	3	J
550	6.0	104	J	4.6	17	124	-1.8	2.8	-0.4	3	J
532	5.9	126	J	4.3	22	149	-2.9	2.2	0.5	2	J
523	6.2	97	J	4.2	11	166	-3.7	1.1	0.3	2	J
518	5.8	68	J	4.2	19	161	-3.5	1.6	0.8	2	J
530	5.4	81	J	4.1	22	102	-0.5	2.7	0.3	3	J
536	6.0	94	J	4.3	41	96	-0.3	3.3	1.7	2	J
				4.3	34	54	1.8	3.1	1.2	1	P
				3.4	-8	86	0.2	2.3	-1.2	1	P
				3.3	23	41	2.1	2.2	0.5	1	P
				2.9	-4	66	1.0	2.1	-0.9	1	P
				3.1	-37	72	0.7	1.5	-2.4	1	P

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	505	6.4	60	J	3.5	-11	168	-3.1	0.6	-0.7	1	J
2	504	6.6	67	J	3.3	-4	152	-2.7	1.4	-0.5	1	J
3	502	6.6	86	J	3.4	-25	130	-1.2	1.2	-1.2	3	J
4	491	6.3	103	J	3.7	-15	150	-2.8	1.4	-1.3	2	J
5	494	6.1	76	J	3.9	-26	104	-0.8	2.6	-2.6	1	J
6	477	6.2	95	J	3.7	-11	135	-2.0	1.7	-1.2	2	J
7	483	6.6	90	J	3.3	-15	106	-0.8	2.2	-1.8	2	J
8	486	6.6	83	J	3.9	-13	106	-1.0	2.7	-2.2	2	J
9	466	6.6	73	J	4.0	-8	144	-2.9	1.6	-1.4	2	J
10	457	6.2	68	J	4.0	-21	171	-3.3	-0.2	-1.4	2	J
11	449	6.6	95	J	4.4	-5	159	-3.7	1.0	-1.0	2	J
12	439	7.2	127	J	4.6	0	150	-3.6	1.8	-1.1	2	J
13	435	7.0	125	J	4.6	-27	157	-3.5	0.3	-2.4	2	J
14	441	6.8	84	J	4.7	-32	139	-2.8	1.1	-3.2	2	J
15	439	7.1	87	J	4.5	12	163	-3.2	1.2	0.2	3	J
16	426	7.5	117	J	4.7	21	183	-4.1	0.4	1.5	2	J
17	438	8.3	110	J	6.0	-8	194	-5.6	-1.6	-0.3	2	J
18	434	8.0	117	J	5.4	0	174	-5.1	0.5	-0.2	2	J
19	430	8.3	102	J	6.2	-9	178	-5.9	0.0	-1.0	2	J
20	434	8.4	137	J	6.1	-4	179	-5.8	0.0	-0.4	2	J
21	429	7.3	151	J	6.3	1	192	-6.0	-1.2	0.3	1	J
22	426	6.9	76	J	5.9	25	172	-5.2	0.4	-2.5	1	J
23	413	7.2	30	J	6.0	2	200	-5.4	-1.9	0.5	1	J
24	413	7.0	31	J	5.9	-4	191	-5.6	-1.1	-0.2	2	J

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				4.7	-20	181	-4.0	-0.5	-1.3	1	P
				5.1	-13	176	-4.8	0.0	-1.2	1	P
				6.0	-11	202	-5.5	-2.4	-0.6	1	J
407	8.6	33	J	5.8	-6	205	-5.2	-2.5	0.1	1	J
407	8.0	35	J	5.7	0	211	-4.8	-2.7	0.9	1	J
407	8.3	36	J	4.6	-5	174	-4.2	0.3	-0.5	2	J
405	8.7	73	J	4.2	-5	160	-3.7	1.1	-0.9	1	J
401	8.1	75	J	4.4	-1	159	-4.0	1.4	-0.6	1	P
				4.4	-6	155	-3.9	1.6	-1.1	0	P
				4.1	-7	164	-3.8	0.9	-0.8	0	P
385	6.9	58	J	4.1	14	166	-3.5	1.2	0.3	2	J
384	6.7	62	J	4.2	20	178	3.6	0.8	1.1	1	J
387	9.3	60	J	4.5	-42	162	-3.2	-0.6	-3.1	1	J
392	8.6	51	J	4.6	-47	168	-3.0	-1.0	-3.2	1	J
381	8.5	55	J	4.7	-18	173	-4.3	-0.1	-1.5	1	J
377	8.9	26	J	4.6	-7	172	-4.5	0.4	-0.8	1	J
373	8.8	29	J	4.7	-7	168	-4.5	0.7	-0.9	1	J
386	8.8	31	J	4.6	19	102	-0.8	3.1	-2.3	3	J
382	9.1	30	J	5.0	27	98	-0.6	3.6	-3.1	1	J
390	8.6	27	J	5.4	14	62	2.3	4.0	-2.0	2	J
383	9.8	26	J	5.3	-25	56	2.6	3.5	-2.8	1	J
380	9.1	26	J	5.0	-9	63	2.1	4.0	1.3	2	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	368	16.6	26	J	7.6	-14	101	-1.4	5.2	-4.9	2	J
10	356	16.5	34	J	8.1	-7	123	-4.1	4.9	-4.0	3	J
11	347	15.8	35	J	7.1	8	128	-3.8	4.7	-1.8	3	J
12	351	15.2	25	J	6.6	-26	115	-2.2	2.7	-4.6	3	J
13	341	17.0	22	J	6.1	11	126	-3.2	4.4	-1.3	3	J
14	342	17.0	23	J	6.5	8	118	-2.9	5.3	-1.9	2	J
15					7.2	-21	81	1.0	5.3	-4.4	3	P
16					5.1	-32	53	2.6	2.4	-3.6	1	P
17	350	21.8	19	J	4.2	-37	37	2.6	1.0	-2.9	1	J
18	353	17.6	24	J	5.0	-24	14	4.1	0.4	-2.1	2	J
19	352	14.9	22	J	5.2	-19	4	4.7	-0.1	-1.7	1	J
20	349	16.1	20	J	5.2	-16	1	4.9	-0.2	-1.4	1	J
21	342	22.3	18	J	4.8	-23	23	3.7	1.3	-2.0	2	J
22	340	20.0	18	J	4.4	-22	15	3.6	0.7	-1.6	2	J
23					5.2	-3	1	5.2	0.0	-0.3	0	P
24					4.2	10	333	3.6	-1.5	1.3	0	P

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				4.0	32	297	1.5	-2.1	3.0	1	P
				4.0	14	295	1.6	-3.0	2.0	1	P
				3.1	-4	37	2.1	1.5	-0.7	1	P
				7.7	0	318	5.2	-4.5	1.5	4	P
				9.8	-15	308	5.5	-7.4	0.0	1	P
				9.3	6	314	6.4	-5.9	3.1	1	P
				10.5	3	321	8.1	-6.1	2.6	1	P
				9.3	5	321	6.4	-4.7	2.3	2	P
				9.4	-13	350	8.5	-2.0	-1.5	1	P
				9.6	13	339	8.3	-2.4	3.0	1	P
				7.3	62	353	3.0	1.5	5.4	1	P
				4.6	-4	21	0.8	0.3	-0.2	4	P
				3.9	9	339	3.5	-1.1	1.0	0	P
				4.7	35	320	0.5	-0.3	0.6	5	P
400	13.0	91	J	7.7	-31	353	5.0	-1.9	-2.4	5	J
				8.4	21	294	2.8	-5.1	4.6	1	P
				9.6	-13	352	9.1	-2.0	-1.6	1	P
				10.7	-4	316	7.6	-7.1	1.7	1	P
				12.1	3	309	7.5	-8.6	3.7	0	P
542	16.9	173	J	9.9	16	261	-1.1	-5.8	4.0	4	P
529	15.0	198	J	10.0	-1	301	3.5	-5.8	0.9	8	J
554	10.5	212	J	12.3	-19	324	8.4	-6.6	-2.6	6	J
540	14.5	447	J	9.0	12	311	4.0	-4.4	1.9	7	J
536	13.0	416	J	7.6	-5	313	3.6	-3.9	0.1	6	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	525	12.4	351	J	8.1	19	352	6.7	-0.5	2.5	4	J
2					6.5	-1	332	5.2	-2.7	0.8	1	P
3					8.2	-21	358	7.3	-1.2	-2.5	1	P
4					8.2	-13	334	6.7	-3.6	-0.6	2	P
5					10.1	-20	344	8.9	-3.4	-2.3	1	P
6					8.2	-5	329	6.8	-4.1	0.7	1	P
7					6.1	-7	329	5.1	-3.2	0.3	1	P
8					8.2	-5	339	7.6	-2.9	0.2	1	P
9					6.3	-3	348	6.1	-1.3	0.1	1	P
10					6.1	-2	349	5.9	-1.2	0.2	1	P
11					6.0	-3	338	5.5	-2.2	0.4	1	P
12					6.7	-3	328	5.6	-3.4	0.8	1	P
13					4.9	6	317	3.5	-3.0	1.5	1	P
14					5.9	7	319	4.4	-3.4	1.9	0	P
15					6.0	5	308	3.7	-4.3	2.0	0	P
16	471	5.1	78	J	5.3	13	297	2.3	-3.7	2.9	1	J
17	466	5.7	67	J	5.0	9	289	1.5	-3.9	2.3	2	J
18	462	9.3	57	J	4.9	-4	315	3.4	-3.3	0.7	1	J
19	463	9.8	56	J	6.3	-7	314	4.0	-4.2	0.3	3	J
20	460	9.2	63	J	7.3	12	313	4.7	-4.7	2.5	2	J
21					6.9	53	252	-1.0	-2.2	4.6	5	J
22					10.2	-5	310	6.5	-7.6	1.6	1	P
23					8.4	6	320	5.9	-4.5	2.3	2	P
24					8.8	-14	325	6.6	-5.0	-0.4	1	P

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				8.6	9	311	5.2	-5.2	3.1	1	P
				8.4	-7	316	5.4	-5.2	0.8	2	P
				9.5	8	308	5.4	-6.2	3.3	1	P
				9.3	4	306	4.9	-6.3	2.8	1	P
				9.2	-22	288	2.6	-8.5	-0.7	1	P
				6.0	7	308	3.6	-4.2	2.2	0	P
				6.0	4	322	4.5	-3.2	1.5	1	P
				6.2	22	283	1.2	-4.2	3.7	1	P
				6.4	6	295	2.5	-4.8	2.3	1	P
				5.8	13	344	5.0	-1.0	1.5	1	P
				5.6	0	31	4.5	2.6	-0.8	0	P
				4.6	-7	350	3.2	-0.7	-0.2	2	P
				5.4	-18	284	1.1	-4.6	0.0	1	P
				5.1	8	296	1.9	-3.5	1.8	1	P
				5.0	24	289	1.4	-3.2	3.1	1	P
				5.2	-3	302	2.5	-4.0	1.0	1	P

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					7.2	-6	318	5.3	-4.7	0.8	0	P
19					7.4	-3	329	6.1	-3.6	0.8	1	P
20					7.7	-5	347	6.9	-1.7	-0.1	1	P
21					7.6	12	354	7.3	-0.2	1.7	0	P
22					7.9	8	2	7.8	0.6	0.9	0	P
23					8.6	-3	5	8.4	0.6	-0.7	1	P
24					8.4	-9	350	8.1	-1.7	-0.8	0	P
					8.4	-12	341	7.4	-3.0	-0.7	1	P

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				8.8	-12	18	8.1	1.9	-2.5	1	P
				8.9	-17	4	7.5	-0.3	-2.3	1	P
				8.4	-10	297	3.7	-7.4	0.9	0	P
				6.9	0	274	0.5	-6.5	2.1	1	P
				7.4	-15	323	5.6	-4.6	-0.5	1	P
				7.0	35	326	3.5	-1.3	3.5	3	P
				8.5	42	333	5.0	-0.9	5.6	1	P
				7.6	3	51	3.9	4.8	-1.3	1	P
				8.1	-44	5	5.5	-1.2	-5.2	0	P
				6.3	33	284	0.9	-2.6	3.4	3	P
				5.2	50	312	2.1	-1.1	4.3	1	P
				6.1	-10	308	2.6	-3.4	0.3	2	P
				4.5	7	301	1.7	-2.6	1.3	2	P
				4.2	5	257	-0.9	-3.4	1.5	1	P
				4.5	-13	360	4.0	-0.3	-0.9	1	P
				4.8	-27	27	3.7	1.1	-2.6	1	P
				4.7	-31	12	3.7	0.1	-2.4	1	P
				3.9	-16	304	1.6	-2.5	-0.1	1	P
				4.3	-2	327	2.9	-1.9	0.5	1	P
				5.9	-30	2	5.0	-0.8	-2.8	1	P
				5.0	-26	309	2.5	-3.5	-0.9	1	P
				5.3	29	332	3.0	-0.9	2.3	2	P
				4.7	23	297	1.0	-1.6	1.5	3	P
				6.0	-3	322	4.5	-3.5	0.8	1	P

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					5.7	-5	315	3.8	-3.8	0.7	1	P
					5.9	-15	353	5.5	-1.1	-1.2	1	P
					5.1	1	351	4.6	-0.6	0.3	1	P
					4.9	-15	10	4.2	0.4	-1.3	1	P
					5.2	8	352	4.9	-0.4	0.9	0	P
					4.6	2	355	4.5	-0.3	0.3	0	P
					5.5	6	338	5.0	-1.7	1.1	0	P
					4.6	21	329	3.2	-1.4	1.9	1	P
					4.6	3	342	4.0	-1.1	0.6	1	P
					4.3	-27	27	3.2	1.0	-2.2	1	P
					4.0	-14	340	3.5	-1.5	-0.5	1	P
					4.4	23	306	1.8	-1.9	2.0	2	P
					4.6	29	304	2.0	-2.2	2.8	1	P
					5.0	11	340	4.0	-1.1	1.2	1	P
					4.9	11	273	0.3	-4.2	2.3	0	P
					4.6	13	295	1.3	-2.5	1.6	2	P
					4.9	32	291	1.0	-1.9	2.4	2	P
					4.1	37	299	1.3	-1.6	2.7	1	P
					4.2	29	341	2.3	-0.3	1.5	2	P
					5.0	-6	336	4.5	-2.1	0.2	1	P
					5.3	-10	356	5.0	-0.6	-0.7	1	P
					4.3	0	346	4.2	-1.0	0.4	0	P
					5.0	-15	357	4.7	-0.6	-1.1	1	P
					5.6	-24	4	5.0	-0.3	-2.3	0	P

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				4.5	3	309	2.6	-3.0	1.2	1	P
				5.2	2	316	3.6	-3.2	1.2	0	P
				4.9	3	318	3.1	-2.6	1.0	1	P
				5.5	21	262	-0.6	-3.9	3.2	1	P
				5.4	7	279	0.7	-4.0	1.8	1	P
				4.5	-8	323	3.3	-2.6	0.2	1	P
				4.3	19	274	0.2	-2.8	2.1	2	P
				5.1	12	256	-1.1	-3.9	2.3	1	P
				4.5	11	247	-1.6	-3.4	1.9	1	P
				3.0	-1	316	1.8	-1.7	0.5	1	P
				2.6	28	300	1.1	-1.4	1.7	1	P
				3.6	6	341	3.3	-1.0	0.7	0	P
				3.0	-10	327	2.5	-1.7	0.0	1	P
				3.2	16	316	2.0	-1.6	1.4	1	P
				3.1	26	319	2.1	-1.4	1.9	1	P
				3.1	10	318	2.3	-1.8	1.1	0	P
				3.1	-6	323	2.3	-1.8	0.3	0	P
				3.5	2	296	1.2	-2.4	0.9	1	P
				4.6	9	271	0.1	-3.9	2.0	1	P
				4.7	1	280	0.8	-4.3	1.5	1	P
				5.1	2	298	2.2	-3.9	1.4	1	P
				9.1	6	264	-1.0	-8.2	3.6	5	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 25, 1985							237
1												
2												
3												
4	462	19.2	82	J								
5	482	25.6	103	J								
6	477	27.3	127	J								
7	474	23.6	108	J								
8	470	20.3	113	J								
9	483	14.5	151	J								
10	509	6.1	160	J								
11	516	5.1	185	J								
12	523	4.4	194	J								
13	498	4.2	124	J	7.2	-5	329	5.5	-3.1	1.2	3	J
14	521	5.4	134	J	8.2	-8	278	0.9	-6.1	2.4	5	J
15	516	6.9	117	J	7.3	-24	269	-0.1	-5.4	0.3	5	J
16	532	6.0	95	J	6.9	-13	258	-1.3	-6.0	1.2	3	J
17												
18					5.3	37	302	2.2	-2.4	4.1	1	P
19					5.2	39	293	1.5	-2.4	3.9	1	P
20					5.4	18	314	3.4	-2.9	2.6	1	P
21					6.8	-8	280	1.1	-6.4	1.1	0	P
22					7.3	17	284	1.6	-5.5	3.8	1	P
23					7.6	6	301	3.8	-5.9	2.7	0	P
24					8.1	10	306	4.5	-5.5	3.2	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 26, 1985							238
	462	6.4	63	J	8.7	-22	354	7.6	-1.4	-2.9	3	J
	484	7.4	109	J	9.6	1	302	4.0	-6.3	1.5	6	J
	491	6.9	129	J	8.3	7	292	2.7	-6.2	2.6	4	J
	466	7.1	70	J	8.5	-13	337	7.3	-3.5	-0.8	3	J
	484	7.4	140	J	7.0	-23	358	5.4	-1.0	-2.1	4	J
	494	6.1	184	J	6.3	-8	353	5.8	-1.0	-0.5	2	J
	504	5.8	92	J	6.0	0	8	5.3	0.7	-0.3	3	J
	479	5.1	150	J	5.7	10	349	5.3	-0.4	1.3	2	J
	475	5.3	154	J	6.4	12	335	5.2	-1.5	2.3	2	J
					7.0	-5	307	3.8	-4.6	2.2	3	J
					5.7	25	267	-0.2	-3.9	3.6	1	P
	483	7.4	155	J	7.5	-11	341	6.6	-2.6	0.1	2	J
	485	7.6	174	J	7.5	22	349	6.6	0.3	3.0	2	J
	469	5.8	44	J	8.4	2	341	7.6	-2.1	1.5	3	J
	478	5.6	72	J	8.8	-17	319	6.0	-5.7	0.3	3	J
	520	6.1	102	J	8.2	15	331	5.8	-2.2	3.0	5	J
	540	6.6	128	J	8.9	20	332	6.5	-2.2	3.8	4	J
	549	6.8	221	J	7.9	-6	310	3.6	-4.3	0.8	6	J
	578	7.7	203	J	7.3	-3	315	3.3	-3.3	0.7	6	J
	613	6.9	157	J	8.7	20	324	6.1	-3.7	3.7	3	J
	620	6.5	146	J	8.5	1	307	4.7	-6.1	1.3	3	J
	643	6.6	226	J	6.6	-11	313	3.8	-4.2	-0.4	4	J
	634	6.3	212	J	6.9	-17	270	0.0	-4.9	-0.6	5	J
	649	6.0	209	J	6.4	-37	222	-3.1	-3.3	-2.6	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 27, 1985							239
1	617	6.3	203	J	6.6	-19	331	3.8	-2.4	-1.1	5	J
2	667	6.4	241	J	7.8	-9	310	3.5	-4.2	0.1	6	J
3	669	7.0	250	J	7.6	10	312	3.9	-3.9	2.1	5	J
4	661	6.7	189	J	7.6	40	336	4.8	-0.7	4.9	3	J
5	684	5.5	231	J	7.1	30	325	4.4	-1.8	4.0	3	J
6	701	4.7	228	J	8.0	28	320	4.7	-2.3	4.6	4	J
7					7.8	19	325	6.0	-3.2	3.6	0	P
8					6.7	20	316	4.5	-3.4	3.4	0	P
9					4.3	-8	5	2.6	0.1	-0.4	2	P
10					5.7	-6	311	3.6	-4.1	0.7	0	P
11					5.4	13	283	1.1	-4.1	2.4	1	P
12					5.0	10	289	1.5	-4.0	2.1	1	P
13					4.6	13	292	1.4	-3.0	1.8	1	P
14					4.2	14	329	3.3	-1.6	1.5	1	P
15					4.9	24	329	3.5	-1.5	2.3	1	P
16					4.8	1	320	3.2	-2.6	0.9	1	P
17					4.2	-20	329	3.1	-2.2	-0.7	1	P
18					5.4	2	349	5.3	-0.9	0.5	0	P
19					4.7	27	300	2.0	-2.7	3.0	0	P
20					4.8	34	270	0.0	-2.9	3.6	0	P
21					4.6	40	324	2.6	-1.0	3.1	1	P
22					5.0	26	283	1.0	-3.4	3.3	0	P
23					5.4	22	293	1.7	-3.3	2.9	1	P
24					4.8	24	320	3.2	-2.0	2.6	0	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 28, 1985							240
					5.0	-1	327	3.9	-2.4	0.6	1	P
					5.5	12	316	3.7	-3.1	2.1	1	P
					6.1	15	311	3.8	-3.7	2.8	0	P
	620	4.3	122	J	6.6	7	315	4.1	-3.7	2.0	3	J
	642	3.7	145	J	6.7	13	315	4.1	-3.4	2.7	3	J
	681	3.9	227	J	5.4	16	355	3.9	0.1	1.2	3	J
	680	4.0	222	J	5.4	27	11	3.8	1.6	1.4	3	J
	703	4.9	205	J	5.7	-24	283	1.0	-4.8	0.4	3	J
	691	5.1	194	J	5.5	-14	292	1.9	-4.6	1.3	2	J
	687	5.7	186	J	6.5	-3	285	1.4	-4.5	2.6	4	J
	674	4.9	194	J	6.7	-14	306	3.6	-5.0	1.4	3	J
	651	5.4	293	J	5.5	-7	304	2.6	-3.6	1.6	3	J
	642	5.3	300	J	5.7	23	349	4.9	0.3	2.3	2	J
	661	5.0	257	J	6.3	6	333	5.4	-2.1	1.9	2	J
	710	4.0	282	J	5.8	-16	327	4.4	-3.2	0.0	2	J
	722	4.2	401	J	5.4	3	325	3.8	-2.3	1.3	3	J
	726	4.7	309	J	6.2	23	290	1.4	-3.0	3.2	4	J
	698	5.0	184	J	6.3	-11	325	4.3	-3.2	0.0	3	J
	698	5.3	205	J	7.2	13	323	4.2	-2.7	2.0	5	J
	688	4.5	186	J	6.6	-21	323	4.5	-3.8	-1.3	3	J
					5.2	-11	331	4.0	-2.3	-0.2	1	P
					6.0	-8	343	5.5	-1.9	-0.3	1	P
					6.4	-4	315	4.4	-4.3	0.9	1	P
					5.7	25	317	2.7	-1.9	2.4	2	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 29, 1985							241
1					4.2	-23	291	1.4	-3.9	-0.5	2	P
2												
3												
4	666	7.6	270	J	7.4	17	294	2.2	-4.2	3.1	5	J
5	655	6.2	239	J	8.4	-33	326	4.4	-4.1	-2.2	5	J
6	661	7.7	276	J	8.1	-10	307	3.7	-5.0	1.0	5	J
7	671	6.7	372	J	7.3	-13	297	2.6	-5.1	1.1	4	J
8	707	3.9	190	J	5.7	-5	295	2.0	-3.9	1.7	3	J
9	701	3.9	221	J	5.1	-3	305	1.7	-2.1	1.1	4	J
10	701	3.8	174	J	5.1	26	317	1.9	-0.8	2.0	4	J
11	701	4.1	169	J	5.1	18	307	2.3	-1.9	2.7	3	J
12	714	4.5	245	J	5.1	6	279	0.5	-2.5	2.0	4	J
13	696	4.8	209	J	5.6	3	298	1.4	-2.2	1.5	5	J
14	709	4.7	187	J	5.7	27	259	-0.8	-2.4	3.8	3	J
15	670	4.9	204	J	5.8	-3	312	2.9	-3.0	1.3	4	J
16	684	4.9	186	J	6.6	-21	292	1.9	-5.1	0.3	4	J
17	661	5.5	237	J	6.7	-3	312	3.7	-4.0	1.3	4	J
18	668	5.4	248	J	6.4	15	295	2.0	-3.6	2.6	4	J
19	643	5.4	223	J	6.6	-22	6	5.0	-0.1	-2.1	4	J
20	647	4.7	157	J	6.1	6	349	4.8	-0.8	0.7	4	J
21	641	4.3	129	J	6.0	5	327	4.0	-2.5	0.9	4	J
22					5.6	-4	297	2.5	-4.8	1.0	1	P
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 30, 1985							242
	643	3.6	165	J	4.8	-28	339	3.2	-1.6	-1.5	3	J
	639	3.7	143	J	5.0	12	321	3.3	-2.3	1.6	2	J
	636	3.8	124	J	4.8	-8	342	3.9	-1.4	-0.1	3	J
	628	3.6	103	J	4.9	4	332	3.9	-1.8	1.0	2	J
	624	3.3	82	J	5.0	6	331	4.1	-1.9	1.4	2	J
	613	2.6	67	J	4.6	19	342	4.0	-0.5	1.9	1	J
	593	2.3	137	J	4.4	26	335	3.5	-0.5	2.4	1	J
	589	2.1	94	J	4.2	22	318	2.7	-1.3	2.5	2	J
					4.6	23	332	3.7	-1.4	2.3	0	P
					4.3	24	329	3.3	-1.4	2.2	0	P
					4.4	69	323	1.2	0.3	4.1	0	P
	539	3.3	147	J	4.0	29	316	2.4	-1.0	2.8	1	J
	542	4.4	165	J	4.3	18	344	3.7	-0.3	1.6	1	J
	541	4.7	138	J	5.1	23	322	3.0	-1.3	2.6	3	J
					4.8	44	321	2.7	-1.1	3.8	0	P
	531	6.4	81	J	7.4	59	356	3.7	2.1	5.8	2	J
	536	7.9	65	J	8.3	13	290	2.0	-4.7	3.1	6	J
	553	5.8	41	J	8.8	-20	259	-1.6	-8.6	-0.6	1	J
					9.0	-22	256	-2.0	-8.6	-1.3	1	J
	0	0.0	0	J	9.6	-20	253	-2.6	-9.0	-1.4	1	J
	526	8.0	44	J	9.4	-12	267	-0.5	-9.3	-0.2	1	J
	532	7.7	43	J	9.8	-5	253	-2.8	-9.1	0.8	3	J
	531	6.6	38	J	10.3	0	235	-5.9	-8.3	1.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 31, 1985							243
1					9.2	-19	296	3.8	-8.2	-0.6	1	P
2					9.7	4	275	0.8	-8.8	3.4	1	P
3					11.1	-13	328	9.0	-6.1	-0.8	1	P
4					11.1	-11	330	9.1	-5.6	-0.4	1	P
5					11.9	-36	4	9.6	-1.4	-6.9	0	P
6					12.9	-24	345	11.3	-4.4	-4.2	0	P
7					11.9	-30	360	10.3	-1.8	-5.6	1	P
8					11.8	-30	17	9.8	1.2	-6.4	0	P
9					10.9	-28	34	7.9	3.7	-6.3	0	P
10					10.5	-28	44	6.7	4.7	-6.5	0	P
11					9.2	-68	20	2.8	-1.2	-7.6	1	P
12					8.5	-70	318	2.1	-4.1	-7.1	0	P
13					7.6	-82	312	0.7	-2.8	-6.8	1	P
14					7.1	-37	235	-3.0	-5.2	-2.6	1	P
15					7.4	-10	227	-4.9	-5.3	0.3	1	P
16					6.7	-76	333	1.4	-2.5	-5.7	1	P
17					8.1	-61	300	1.7	-4.5	-5.0	1	P
18	443	9.4	143	J	7.8	-33	324	4.7	-4.5	-2.5	3	J
19	453	10.1	171	J	7.4	-30	352	5.7	-1.7	-2.9	3	J
20	469	9.5	113	J	8.6	-26	250	-2.0	-6.1	-1.5	6	J
21	436	11.6	175	J	6.1	-24	327	2.5	-1.8	-0.9	5	J
22	457	10.7	160	J	5.8	3	275	0.4	-4.5	1.1	3	J
23	477	8.4	127	J	5.7	-19	240	-1.8	-3.4	-0.7	4	J
24	464	8.8	115	J	5.2	38	281	0.5	-2.1	2.4	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 1, 1985							244
	469	8.4	122	J	4.3	12	276	0.3	-2.3	1.0	4	J
	488	6.9	102	J	4.9	9	245	-1.8	-3.5	1.5	2	J
	471	6.4	84	J	3.7	2	293	1.2	-2.6	0.9	2	J
					3.7	-7	289	1.1	-3.3	0.6	0	P
					3.8	-2	288	1.1	-3.3	0.9	1	P
					4.8	-5	278	0.6	-4.3	0.9	0	P
					5.0	6	271	0.1	-4.5	1.9	0	P
					5.6	18	313	3.6	-3.3	2.8	0	P
					5.7	6	290	1.8	-4.7	2.0	0	P
					5.3	-1	280	0.8	-4.4	1.2	1	P
					4.7	7	265	-0.3	-3.9	1.7	1	P
					4.9	1	239	-2.4	-3.8	1.2	1	P
					4.8	-19	267	-0.2	-4.6	-0.2	0	P
					5.8	23	291	1.6	-3.4	2.9	1	P
					5.6	33	300	2.3	-3.0	4.0	0	P
					6.7	12	315	4.6	-4.0	2.6	0	P
					6.1	-35	353	4.9	-1.6	-3.2	0	P
					5.6	-9	294	1.0	-2.4	0.3	3	P
					5.2	24	241	-2.2	-3.3	3.1	0	P
					4.6	0	20	3.4	1.2	-0.4	1	P
					5.4	-21	39	4.0	2.5	-2.7	0	P
					5.2	1	15	5.0	1.3	-0.3	0	P
					4.9	-2	337	4.2	-1.7	0.4	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 6, 1985							249
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20					9.0	-43	166	-6.3	-0.1	-6.3	1	P
21					7.4	-22	148	-4.5	2.2	-2.8	2	P
22					8.0	-15	169	-6.2	0.8	-1.9	5	J
23	335	15.4	59	J	8.0	-12	113	-2.6	5.8	-2.6	4	J
24	345	16.1	71	J	7.9	-7	83	0.7	5.4	-1.8	5	J
					SEP. 7, 1985							250
	350	15.6	97	J	6.4	12	65	2.3	5.1	0.1	3	J
	331	14.0	73	J	6.8	-36	122	-2.0	2.4	-3.4	5	J
	333	14.1	63	J	6.8	4	94	-0.4	5.8	-1.3	3	J
	333	13.2	55	J	7.1	-4	95	-0.6	5.9	-2.6	3	J
	337	13.3	62	J	7.3	11	84	0.7	6.6	-1.3	3	J
	345	13.0	67	J	7.1	18	65	2.7	6.1	-0.6	2	J
	347	12.9	51	J	6.8	-14	64	2.8	4.3	-4.1	2	J
	324	14.1	43	J	6.2	5	105	-1.3	4.3	-2.0	4	J
	321	16.2	31	J	5.7	13	99	-0.8	4.8	-1.7	2	J
	316	16.6	34	J	4.9	10	119	-2.1	3.6	-1.5	2	J
	322	18.3	37	J	4.1	9	145	-3.0	2.1	-0.7	2	J
	323	18.4	41	J	4.3	10	171	-4.0	0.9	0.2	1	J
	326	20.4	36	J	3.7	39	161	-2.5	1.9	1.3	1	J
	326	21.5	34	J	3.8	61	158	-1.4	1.9	2.1	2	J
	323	19.9	36	J	4.3	7	158	-3.7	1.5	-0.3	2	J
	330	25.6	30	J	3.8	37	121	-1.4	2.9	0.8	2	J
	333	30.0	18	J	3.7	71	92	0.0	2.5	2.7	0	J
					4.4	-55	172	-1.0	-0.3	-1.5	3	P
					5.7	18	96	-0.5	5.1	0.3	2	P
					4.8	13	114	-1.1	2.7	-0.1	3	P
					3.3	21	99	-0.3	2.0	0.2	2	P
					6.5	57	72	0.8	3.5	3.2	2	P
	327	32.9	24	J	3.1	-64	117	-0.6	0.6	-3.0	1	J
	326	31.9	24	J	3.1	-49	70	0.6	1.1	-2.2	2	J
					SEP. 8, 1985							251
1	325	29.7	26	J	2.7	-37	78	0.4	1.6	-2.0	1	J
2	324	28.3	27	J	2.6	-3	77	0.6	2.3	-0.7	1	J
3	322	26.0	25	J	3.7	-1	110	-1.2	3.0	-1.0	1	J
4	318	22.3	24	J	4.2	-11	107	-1.1	3.2	-1.9	2	J
5	311	17.5	29	J	5.6	-18	133	-3.4	2.7	-2.9	2	J
6	310	17.2	28	J	6.1	-8	117	-2.7	4.4	-3.0	2	J
7	307	18.8	24	J	6.2	3	126	-3.3	4.1	-1.9	3	J
8	311	18.8	29	J	6.4	-14	121	-3.1	3.7	-3.9	2	J
9	317	19.8	35	J	5.8	-5	124	-2.9	3.4	-2.7	3	J
10	333	22.9	21	J	6.1	1	91	-0.1	5.0	-3.2	2	J
11	331	23.9	19	J	5.8	9	101	-1.1	5.0	-2.3	2	J
12	341	21.7	33	J	7.3	-22	152	-5.3	1.0	-3.6	4	J
13	349	21.4	43	J	6.7	-27	189	-5.6	-2.3	-1.9	3	J
14	347	20.0	33	J	7.5	-21	171	-6.5	-0.4	-2.7	3	J
15	341	17.5	38	J	8.1	-7	131	-4.9	4.5	-3.5	3	J
16	355	28.4	51	J	4.8	-20	219	-2.7	-2.5	-0.2	4	J
17	342	19.2	48	J	7.0	-9	147	-5.1	2.6	-2.2	4	J
18	362	16.7	63	J	7.1	50	86	0.3	5.5	3.2	3	J
19					6.3	21	131	-3.3	4.1	0.9	1	P
20					6.2	13	93	-0.2	3.8	-0.1	3	P
21					7.9	-6	144	-6.2	4.1	-2.0	1	P
22					7.8	-18	152	-6.6	2.7	-3.2	0	P
23					7.6	-23	163	-6.7	1.2	-3.4	0	P
24					6.8	-21	165	-6.1	1.0	-2.8	0	P
					SEP. 9, 1985							252
	353	5.9	68	J	5.4	-10	160	-5.0	1.5	-1.4	1	P
	362	6.3	84	J	5.8	-16	170	-5.4	0.5	-1.8	1	J
	370	9.3	43	J	5.4	-13	162	-5.0	1.2	-1.6	1	J
	374	10.3	30	J	5.9	4	138	-4.2	3.7	-0.9	2	J
	366	18.4	19	J	6.6	-11	132	-4.3	4.0	-3.0	1	J
	369	18.5	19	J	5.9	12	137	-3.9	3.8	-0.5	2	J
	398	16.4	37	J	6.5	35	131	-3.3	5.0	1.3	2	J
	434	11.4	63	J	6.6	45	137	-3.1	4.7	2.2	3	J
	519	9.4	185	J	8.8	9	138	-5.5	4.8	-1.7	5	J
	519	9.6	381	J	9.2	48	118	-1.9	5.6	1.8	7	J
	505	8.4	255	J	7.7	-16	135	-3.9	2.4	-3.5	5	J
	460	14.5	202	J	8.7	-10	143	-5.6	2.8	-3.4	5	J
	468	16.3	193	J	7.5	-23	144	-4.0	1.3	-3.4	5	J
	465	11.3	170	J	6.5	9	223	-2.5	-1.7	1.7	6	J
	508	6.2	138	J	9.5	20	169	-8.1	2.8	1.9	4	J
	500	6.5	100	J	8.8	3	122	-4.5	6.7	-2.8	2	J
	473	8.6	90	J	7.9	-15	115	-3.1	5.3	-4.4	3	J
	496	11.3	119	J	7.0	-33	137	-3.9	2.2	-4.5	3	J
					5.2	-7	299	2.1	-3.8	0.6	3	J
					5.1	41	330	1.7	-0.5	1.9	3	P
					4.8	24	126	-1.8	2.8	0.7	2	P
					4.3	5	146	-3.0	2.1	-0.3	1	P
					4.7	16	109	-1.5	4.4	0.2	1	P
					3.3	20	137	-1.8	1.9	0.4	1	P
					SEP. 10, 1985							253
1					4.6	37	172	-3.5	1.1	2.5	1	P
2					3.9	16	150	-2.9	1.9	0.5	0	P
3					4.5	42	162	-3.0	1.7	2.6	1	P
4												
5												
6	491	7.4	101	J	5.3	-25	129	-2.6	2.0	-3.1	3	J
7	503	7.8	72	J	5.8	12	97	-0.6	4.8	-1.4	3	J
8	468	8.2	98	J	5.9	20	145	-4.3	3.6	0.1	2	J
9	461	7.7	51	J	6.1	8	145	-4.5	3.1	-1.1	2	J
10	480	7.5	76	J	5.8	-23	90	0.0	2.5	-3.8	4	J
11	462	6.9	74	J	5.3	22	142	-3.6	3.3	-0.1	2	J
12	457	6.8	56	J	5.9	20	171	-5.2	1.8	1.1	2	J
13	452	7.1	65	J	5.1	13	179	-4.7	0.7	0.9	2	J
14	454	6.3	53	J	4.7	3	178	-4.5	0.3	0.1	1	J
15	450	8.1	78	J	5.3	3	153	-4.4	2.1	-0.9	2	J
16	451	7.1	87	J	4.7	-19	171	-4.3	-0.1	-1.6	1	J
17	450	7.6	81	J	4.6	-20	148	-2.9	1.2	-1.9	3	J
18	454	7.4	61	J	4.4	-32	102	-0.6	2.0	-2.7	3	J
19	445	7.6	91	J	4.7	24	131	2.1	1.9	-2.1	3	J
20	439	7.2	91	J	4.7	-34	177	-3.6	-0.4	-2.4	2	J
21					5.1	-39	162	-3.8	0.5	-3.4	0	J
22					4.3	10	118	-1.8	3.4	-0.2	1	P
23					3.8	-8	102	-0.7	2.9	-1.2	1	P
24					3.6	16	33	0.4	0.3	0.1	3	P
					SEP. 11, 1985							254
					4.2	-20	137	-2.5	1.9	-1.8	1	P
					4.0	-14	124	-2.0	2.7	-1.7	0	P
					4.0	-11	112	-1.4	3.2	-1.6	0	P
					4.1	-18	116	-1.5	2.6	-1.8	1	P
					3.8	27	129	-1.2	1.6	0.5	2	P
					3.7	-15	73	0.9	2.6	-1.5	1	P
					3.2	-34	97	-0.2	1.7	-1.9	1	P
					3.1	-9	168	-2.0	0.3	-0.4	1	P
					3.3	-29	210	-2.3	-1.6	-1.1	0	P
	408	8.1	32	J	5.0	-55	189	-2.7	-2.5	-3.0	2	J
	404	8.3	45	J	4.6	-25	196	-3.8	-2.0	-0.9	1	J
	415	8.2	55	J	4.0	-36	114	-0.8	0.6	-2.1	3	J
	386	8.3	102	J	4.5	-8	177	-4.5	-0.1	-0.7	1	J
	389	8.3	102	J	3.9	-10	169	-3.4	0.2	-0.9	2	J
	390	10.4	96	J	4.0	-8	168	-3.3	0.4	-0.8	2	J
					3.2	19	182	-2.4	0.1	0.8	1	P
	397	9.2	45	J	4.6	-11	126	-2.6	2.9	-2.2	1	J
	405	9.5	42	J	3.6	-38	67	1.0	1.5	-2.7	2	J
	406	9.0	32	J	4.6	-44	51	2.0	1.5	-3.7	1	J
	401	9.2	34	J	4.7	-40	76	0.8	2.4	-3.6	2	J
	391	9.5	35	J	4.9	-8	94	-0.3	4.1	-1.6	2	J
	388	10.0	34	J	4.8	-5	101	-0.9	4.3	-1.3	2	J
					3.5	13	154	-1.8	1.0	0.2	2	P
					3.8	-3	128	-2.2	2.6	-0.9	0	P
					SEP. 12, 1985							255
1					3.4	-21	182	-2.1	-0.3	-0.8	1	P
2					3.5	4	174	-3.1	0.3	0.1	1	P
3					3.7	21	171	-3.4	0.8	1.1	0	P
4					3.7	0	172	-3.6	0.5	-0.1	0	P
5					3.4	-3	177	-3.4	0.1	-0.2	0	P
6					3.2	-3	173	-3.1	0.3	-0.3	0	P
7					3.5	-3	180	-3.4	0.0	-0.2	1	P
8					3.8	1	156	-3.5	1.5	-0.3	0	P
9					3.8	-1	149	-3.2	1.9	-0.5	0	P
10					3.7	-22	161	-3.2	0.7	-1.6	0	P
11					3.6	13	167	-3.4	1.0	0.6	0	P
12					3.3	23	152	2.6	1.7	0.9	0	P
13					2.4	23	174	-1.8	0.4	0.7	1	P
14					3.0	-16	68	1.0	2.3	-1.4	1	P
15					4.2	-14	55	2.3	3.0	-1.8	0	P
16					4.5	-8	54	2.5	3.2	-1.4	0	P
17					3.8	-16	95	-0.3	3.0	-1.8	0	P
18	347	9.9	51	J	4.0	-31	203	-2.7	-1.7	-1.2	2	J
19					2.9	50	211	-0.8	0.2	1.2	2	P
20	344	10.2	27	J	2.6	-14	105	-0.6	2.1	-1.2	0	J
21	345	9.9	30	J	2.9	-9	109	-0.9	2.4	-1.0	1	J
22	341	9.8	28	J	3.0	29	147	-1.8	0.9	-1.4	2	J
23	339	10.4	30	J	2.8	-3	168	-2.6	0.5	-0.3	1	J
24	334	9.7	19	J	3.1	1	176	-3.0	0.2	0.0	1	J
					SEP. 13, 1985							256
	342	10.2	22	J	2.3	-1	158	-1.9	0.8	-0.2	1	J
					2.8	29	166	-2.3	0.9	1.1	0	P
					3.0	36	164	-1.8	0.9	1.2	1	P
					3.0	-9	40	2.0	1.6	-0.8	0	P
					3.3	6	25	1.6	0.8	0.0	2	P
					3.7	7	85	0.3	3.6	-0.4	0	P
					4.3	1	65	1.8	3.7	-0.9	0	P
					4.5	-2	9	3.1	0.4	-0.2	2	P
					4.8	7	51	2.9	3.6	-0.4	0	P
					4.2	-14	74	1.1	3.5	-1.9	1	P
					3.8	18	87	0.1	2.4	0.2	2	P
					3.4	-84	207	-0.3	-1.0	-3.3	0	P
					4.3	32	66	1.5	3.8	1.4	0	P
					4.3	18	66	1.6	3.8	0.4	0	P
	309	12.7	16	J	4.4	11	71	1.4	3.9	-1.2	1	J
	306	11.9	18	J	4.1	8	67	1.5	3.4	-1.1	1	J
	307	11.7	22	J	4.1	-30	170	-3.0	-0.2	-1.8	2	J
	303	10.0	20	J	4.0	-25	174	-2.7	-0.2	-1.3	3	J
	308	10.7	17	J	4.1	-16	74	1.1	3.2	2.2	1	J
	308	10.9	16	J	4.4	-6	68	1.5	3.5	-1.4	2	J
	308	12.8	17	J	4.3	-7	45	2.8	2.6	-1.1	2	J
	308	12.1	16	J	4.6	-5	72	1.3	3.9	-1.2	1	J
	307	14.0	19	J	4.7	-10	78	0.9	4.0	-1.6	2	J
	312	13.3	16	J	5.2	-30	76	1.0	3.6	-3.3	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 14, 1985							257
1	311	16.0	16	J	5.1	5	63	2.1	4.2	-0.6	2	J
2	311	16.3	20	J	5.2	16	55	2.5	3.8	0.3	2	J
3	311	13.2	17	J	5.1	10	41	3.5	3.1	-0.1	2	J
4					4.7	12	50	2.7	3.3	-0.3	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21					7.1	4	280	1.2	-6.6	2.2	0	P
22					5.9	2	287	1.6	-5.2	1.5	1	P
23					6.6	-9	294	2.7	-5.9	0.5	1	P
24					6.8	2	296	2.9	-5.8	1.7	1	P
					SEP. 15, 1985							258
					3.3	-1	290	1.1	-3.0	0.7	2	P
					3.0	-25	300	1.3	-2.5	-0.6	1	P
					5.1	-23	258	-0.9	-4.8	-0.8	1	P
					5.3	-6	254	-1.4	-5.0	0.7	1	P
					3.7	-9	229	-2.2	-2.6	0.1	1	P
					3.8	-7	233	-2.2	-2.9	0.2	1	P
					3.9	6	291	1.3	-3.1	1.1	1	P
					3.2	1	329	2.5	-1.4	0.4	1	P
					2.3	26	349	1.9	-0.1	1.0	1	P
					3.1	-16	327	2.5	-1.7	-0.5	1	P
					4.6	10	334	3.8	-1.6	1.2	0	P
					3.5	9	339	2.6	-0.9	0.7	1	P
					3.2	10	299	1.0	-1.7	0.8	2	P
					2.1	-57	360	0.8	-0.3	-1.2	1	P
					SEP. 17, 1985							260
1					4.6	-2	7	4.6	0.5	-0.3	0	P
2					5.6	-8	360	5.4	-0.2	-0.7	1	P
3					6.7	-15	343	6.1	-2.3	-1.2	0	P
4					5.6	-15	5	4.8	0.1	-1.3	1	P
5					6.8	-1	346	6.3	-1.5	0.2	1	P
6					6.4	3	4	6.0	0.5	0.2	1	P
7					6.5	29	302	2.1	-2.7	2.8	2	P
8					5.0	7	269	-0.1	-3.8	1.4	2	P
9					5.4	-33	12	2.5	0.1	-1.7	3	P
10					7.2	-22	338	6.1	-3.0	-2.0	1	P
11					7.0	0	7	5.7	0.6	-0.2	2	P
12					4.2	11	338	3.5	-1.2	1.0	1	P
13					3.5	54	316	1.0	-0.5	2.1	1	P
14					3.3	42	292	0.7	-1.3	2.1	1	P
15					3.8	3	330	3.3	-1.8	0.6	0	P
16					2.8	45	278	0.2	-1.0	1.7	1	P
17					3.8	25	225	-2.1	-1.7	1.9	1	P
18					4.2	56	184	-2.3	0.7	3.3	0	P
19					4.2	18	281	0.6	-3.0	1.8	1	P
20					3.4	-11	297	1.5	-2.9	0.1	0	P
21					2.7	-5	299	1.2	-2.2	0.3	1	P
22					2.8	-19	186	-2.6	-0.5	-0.8	1	P
23					3.5	20	349	3.2	-0.3	1.3	2	P
24					3.5	8	350	3.3	-0.5	0.6	0	P
					SEP. 18, 1985							261
					3.6	17	14	3.3	1.0	0.8	0	P
					3.7	-22	40	2.6	1.8	-1.9	0	P
					4.0	29	201	-3.1	-0.7	2.1	1	P
					3.7	17	141	-2.6	2.3	0.5	1	P
					SEP. 19, 1985							262
1					3.3	-3	154	-1.7	0.8	-0.3	2	P
2					4.1	33	342	2.6	-0.4	1.9	1	P
3					7.1	15	11	6.7	1.6	1.4	1	P
4					9.5	21	14	8.4	2.8	2.7	1	P
5					9.5	1	12	8.9	1.8	-0.3	1	P
6					9.3	28	32	5.1	3.8	2.4	3	P
7					8.4	35	207	-5.0	-1.6	4.4	2	P
8					6.4	-31	42	2.6	1.8	-2.5	3	P
9					8.5	-46	1	4.5	-1.0	-4.6	2	P
10					11.6	1	0	5.4	0.0	0.1	7	P
11					11.4	-33	43	6.4	4.5	-7.0	2	P
12					8.5	-27	312	3.3	-4.3	-1.6	5	P
13					10.6	48	315	2.4	-1.5	4.2	7	P
14					13.1	19	245	-5.1	-9.6	6.4	3	P
15					14.4	11	338	4.9	-1.7	1.4	10	P
16					15.3	-52	316	6.5	-8.9	-10.0	1	P
17					9.6	-39	316	4.2	-5.1	-3.6	3	P
18					7.5	14	16	4.6	1.5	0.8	3	P
19					7.3	18	340	5.9	-1.6	2.5	2	P
20					6.8	0	6	5.8	0.6	-0.2	2	P
21					7.6	21	303	2.9	-3.9	3.0	2	P
22					8.3	52	310	3.2	-2.3	7.0	2	J
23	634	5.6	193	J	9.2	36	304	3.9	-4.6	6.2	3	J
24	623	5.5	175	J	8.8	-3	311	5.0	-5.7	0.8	4	J
					SEP. 20, 1985							263
	634	4.5	195	J	9.5	-2	301	4.0	-6.5	1.3	5	J
	639	4.7	195	J	8.8	-40	302	3.3	-6.4	-3.6	3	J
	628	4.7	182	J	7.5	-11	317	4.7	-4.6	0.1	3	J
	642	5.3	276	J	7.3	-27	296	2.5	-5.7	-0.9	4	J
	622	5.2	237	J	6.6	1	328	4.8	-2.7	1.3	3	J
	630	5.3	212	J	6.8	-3	317	3.5	-3.0	1.2	5	J
	641	5.3	178	J	6.1	26	327	3.2	-0.9	2.7	4	J
	657	5.3	243	J	5.2	-15	44	2.6	1.7	-2.2	3	J
	659	5.3	270	J	5.1	25	19	3.1	1.7	0.7	4	J
	671	5.2	246	J	5.3	-25	306	1.8	-2.9	0.2	4	J
	674	5.3	241	J	4.9	-70	334	1.5	-3.2	-3.4	0	J
	673	5.0	245	J	4.8	-51	345	1.6	-1.6	-1.5	4	J
					4.1	-22	349	3.5	-1.3	-0.8	2	J
					4.6	-25	78	0.8	2.2	-3.5	2	J
					5.6	-4	355	4.4	-0.5	-0.1	4	J
					5.3	19	9	2.9	0.9	0.7	4	J
					5.4	22	284	1.1	-3.9	2.8	1	P
					5.2	-6	273	0.2	-4.9	0.6	1	P
					4.5	14	275	0.3	-3.5	1.8	1	P
					4.9	-19	328	3.4	-2.4	-0.9	1	P
					5.3	2	331	3.9	-2.1	0.6	1	P
					5.2	-30	315	3.0	-3.5	-1.7	1	P
					5.0	-1	352	3.5	-0.5	0.1	2	P
					4.8	15	354	3.2	-0.1	0.9	2	P
					SEP. 21, 1985							264
1	675	5.0	258	J	5.6	25	343	4.1	-0.7	2.2	3	J
2	678	5.1	246	J	5.9	-5	3	4.4	0.1	-0.4	4	J
3	682	5.1	225	J	5.6	-9	356	3.6	-0.4	-0.5	4	J
4	668	5.5	225	J	6.6	-3	345	5.4	-1.5	0.2	4	J
5	675	5.0	227	J	6.2	-38	346	3.7	-2.0	-2.4	4	J
6	662	4.8	240	J	6.6	-38	4	4.7	-1.3	-3.5	3	J
7	676	4.9	223	J	6.8	44	328	2.8	0.0	3.6	5	J
8	694	4.8	204	J	6.7	44	307	2.1	-0.6	4.3	5	J
9	685	4.5	209	J	6.3	-5	302	2.4	-3.5	1.8	4	J
10	672	5.0	272	J	6.1	-1	340	4.0	-1.3	0.8	4	J
11	688	5.3	236	J	6.1	-52	299	1.5	-4.4	-1.7	4	J
12	679	5.0	262	J	5.9	-16	302	2.2	-3.6	1.0	4	J
13	670	4.9	293	J	5.7	16	326	2.6	-0.9	1.7	5	J
14	651	5.0	262	J	5.7	-4	353	3.7	-0.5	0.0	4	J
15	646	5.0	227	J	5.6	14	350	5.1	-0.2	1.6	2	J
16	660	5.0	206	J	5.9	-13	311	3.1	-3.6	0.6	3	J
17	652	5.1	189	J	6.2	11	317	3.5	-2.6	2.2	4	J
18					6.0	-26	327	4.0	-3.2	-1.3	3	J
19					4.8	-20	329	3.6	-2.5	-1.0	1	P
20					4.8	6	344	4.2	-1.1	0.7	1	P
21					4.5	-17	322	2.8	-2.4	-0.6	1	P
22					4.6	16	328	2.9	-1.5	1.4	1	P
23					4.3	11	329	3.4	-1.8	1.2	1	P
24					4.9	6	298	2.0	-3.5	1.3	1	P
					SEP. 22, 1985							265
					5.2	7	303	2.6	-3.8	1.5	1	P
					5.8	-8	286	1.5	-5.5	0.5	0	P
					5.0	2	305	2.8	-3.8	1.0	1	P
	627	5.1	131	J	6.1	-15	311	3.3	-4.0	0.1	3	J
	637	4.9	141	J	6.0	-19	288	1.5	-4.8	0.3	3	J
	617	4.8	132	J	5.8	-31	323	3.4	-3.5	-1.2	3	J
	613	4.4	138	J	6.1	-20	304	2.8	-4.5	0.4	3	J
	627	4.4	137	J	6.1	-10	270	0.0	-4.9	1.9	3	J
	595	4.2	131	J	6.2	29	327	3.9	-0.7	3.5	3	J
	590	4.3	128	J	6.6	11	313	3.3	-2.4	2.8	4	J
	568	4.3	104	J	6.6	-4	338	4.5	-1.7	0.8	4	J
	561	3.7	75	J	6.3	7	346	5.4	-0.7	1.3	3	J
	562	3.9	84	J	6.3	14	331	5.0	-1.5	2.7	2	J
					6.0	-1	335	4.0	-1.6	0.9	4	J
					6.0	12	334	5.0	-1.6	2.2	2	J
	554	3.7	77	J	5.8	-10	1	5.0	-0.3	-0.8	3	J
					6.4	-17	337	5.2	-2.7	-0.7	3	J
					6.6	4	324	4.8	-3.1	1.6	3	J
					6.7	-5	306	3.7	-5.0	1.0	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 23, 1985							266
1					6.0	8	274	0.4	-4.4	1.7	4	P
2					4.9	0	351	3.5	-0.5	0.1	2	P
3					5.5	16	346	4.8	-0.9	1.7	1	P
4					4.9	-15	318	3.2	-3.0	-0.5	1	P
5					5.2	-13	344	4.6	-1.5	-0.8	0	P
6					4.6	-23	353	3.8	-0.8	-1.5	1	P
7	517	6.8	84	J	6.2	-35	55	2.9	1.9	-5.0	1	J
8	511	7.6	68	J	6.3	-24	0	4.7	-1.1	-1.8	4	J
9	520	8.7	122	J	6.4	-44	41	3.3	0.1	-5.1	2	J
10	502	7.5	74	J	6.6	-43	356	4.2	-2.5	-3.1	3	J
11	522	7.7	131	J	5.1	39	335	2.2	0.3	2.2	4	J
12	524	7.2	114	J	4.9	35	310	1.7	-0.6	2.7	4	J
13	547	7.4	142	J	5.8	63	153	-2.1	3.5	3.3	2	J
14					4.6	69	232	-0.6	-0.2	2.8	2	P
15					3.5	8	323	0.9	-0.6	0.3	3	P
16					4.7	0	324	3.7	-2.6	0.6	0	P
17					4.1	-1	352	3.7	-0.5	0.1	1	P
18					4.7	-7	339	3.3	-1.3	-0.1	1	P
19					4.3	23	325	2.4	-1.4	1.5	1	P
20					5.7	15	317	3.8	-3.1	2.1	1	P
21					6.1	4	329	5.1	-3.0	1.1	0	P
22					6.7	2	354	6.2	-0.6	0.3	1	P
23					7.5	15	3	7.1	0.8	1.8	0	P
24					8.0	8	359	7.8	0.2	1.0	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 24, 1985							267
					8.1	-1	334	7.3	-3.4	0.7	1	P
					8.3	-4	324	6.6	-4.8	0.4	0	P
					8.0	-2	357	7.0	-0.5	-0.2	1	P
					8.0	-22	351	7.3	-1.8	-2.6	0	P
					6.8	15	324	4.8	-3.1	2.3	1	P
					7.2	19	302	3.6	-5.1	3.6	0	P
					12.8	18	225	-3.4	-3.0	2.3	15	P
559	9.2	163	J		7.0	49	295	1.6	-0.5	5.4	4	J
565	8.6	148	J		7.0	49	86	0.2	5.0	1.3	5	J
565	7.9	132	J		7.2	65	81	0.4	5.2	3.1	4	J
					4.2	-10	339	2.6	-1.1	-0.2	2	P
					5.1	48	326	2.3	-0.8	3.4	1	P
555	7.7	189	J		6.5	-7	360	3.8	-0.2	-0.4	5	J
584	7.1	181	J		6.0	46	317	2.2	-0.3	3.8	4	J
586	7.4	180	J		5.5	23	350	3.0	0.1	1.4	5	J
573	6.4	132	J		6.9	2	37	5.3	3.7	-1.4	2	J
577	6.6	169	J		6.7	-28	28	4.9	1.4	-3.7	3	J
572	7.5	231	J		7.2	-24	336	4.8	-2.7	-1.6	4	J
588	6.3	187	J		7.8	-2	320	5.6	-4.6	1.0	3	J
					7.5	-15	328	5.8	-4.0	-0.9	2	J
					7.5	-4	322	5.3	-4.2	0.4	3	J
					6.6	-10	315	4.4	-4.5	-0.1	1	P
					5.7	-5	332	4.7	-2.5	0.1	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 25, 1985							268
1					5.8	6	318	4.0	-3.4	1.3	1	P
2					5.7	1	299	2.7	-4.7	1.1	0	P
3					5.7	14	313	3.6	-3.5	2.1	0	P
4					5.9	9	300	2.8	-4.5	1.9	0	P
5					6.1	8	318	4.3	-3.6	1.7	0	P
6					5.9	8	6	3.5	0.5	0.4	3	P
7					6.0	18	41	4.0	3.7	0.9	1	P
8					6.3	-30	21	4.3	1.1	-3.0	1	P
9					6.5	-4	320	4.8	-4.1	0.4	0	P
10					5.8	22	298	2.4	-4.0	3.0	0	P
11	629	5.0	133	J	7.1	2	292	2.3	-4.6	3.5	3	J
12	617	5.1	147	J	7.2	-7	294	2.7	-5.6	2.8	2	J
13	598	4.7	144	J	6.9	-22	334	4.8	-3.2	-0.5	4	J
14	612	4.8	148	J	7.2	9	306	4.0	-4.1	3.8	2	J
15	604	4.6	136	J	7.0	-31	5	5.2	-1.1	-3.0	3	J
16	597	4.6	141	J	6.8	-4	25	5.5	2.1	-1.5	3	J
17	589	4.6	154	J	7.0	20	353	6.1	0.2	2.3	3	J
18	592	4.5	160	J	6.3	7	324	4.6	-2.9	1.8	2	J
19	574	4.7	120	J	6.2	-11	348	5.3	-1.4	-0.7	3	J
20	568	4.8	56	J	5.8	12	19	4.6	1.8	0.6	3	J
21	579	4.4	143	J	5.9	-38	4	4.2	-0.5	-3.3	2	J
22	572	4.4	99	J	5.8	-24	344	4.3	-1.6	-1.7	3	J
23	567	4.5	84	J	5.6	2	331	4.5	-2.4	0.7	3	J
24					5.6	30	331	3.8	-1.5	2.9	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 26, 1985							269
					5.2	-7	346	4.7	-1.3	-0.3	1	P
					5.6	10	346	4.1	-0.9	1.0	2	P
					5.4	5	332	4.5	-2.2	0.9	1	P
					6.2	13	20	5.5	2.3	0.8	0	P
					6.3	3	18	5.9	1.9	-0.1	0	P
					4.2	17	347	4.0	-0.7	1.4	0	P
556	4.9	108	J		5.9	10	284	1.4	-4.2	3.8	1	J
543	4.9	137	J		6.0	-5	307	3.2	-4.0	1.7	3	J
540	5.5	177	J		5.9	-1	304	2.6	-3.5	1.7	4	J
544	5.7	146	J		5.9	16	306	2.9	-3.1	2.9	3	J
524	5.7	125	J		6.3	3	333	5.1	-2.3	1.2	3	J
522	6.4	147	J		6.0	-7	333	4.4	-2.3	0.1	3	J
510	4.8	74	J		5.6	-26	6	4.7	-0.1	-2.4	2	J
508	4.4	64	J		5.0	-6	3	4.7	0.1	-0.5	2	J
519	5.1	80	J		5.5	28	340	4.2	-1.0	2.7	2	J
509	5.4	52	J		5.9	-16	343	5.1	-1.9	-1.2	2	J
					5.4	11	344	4.0	-0.9	1.0	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 27, 1985							270
1												
2												
3					4.9	29	284	0.9	-3.3	2.9	2	P
4					5.4	13	297	2.2	-4.0	2.0	1	P
5					5.0	-8	306	2.5	-3.5	0.2	1	P
6					4.6	-44	322	2.2	-2.3	-2.3	1	P
7					4.3	-31	355	3.5	-0.8	-2.0	1	P
8					4.8	-20	355	4.0	-0.6	-1.4	1	P
9					5.7	-28	352	4.8	-1.2	-2.4	0	P
10												
11												
12					5.3	18	317	3.7	-3.0	2.3	0	P
13					4.3	29	333	3.2	-1.2	2.3	0	P
14					5.2	28	333	4.1	-1.5	2.8	0	P
15					5.9	-3	335	5.3	-2.5	0.3	1	P
16					5.1	-1	356	4.3	-0.3	0.0	1	P
17					5.8	-3	359	5.5	-0.2	-0.2	1	P
18					4.8	1	329	3.8	-2.2	0.6	1	P
19					5.7	-17	347	5.0	-1.5	-1.3	0	P
20					5.1	-19	295	1.5	-3.5	-0.5	1	P
21					4.3	-49	281	0.5	-3.1	-2.3	1	P
22					4.6	-40	317	2.2	-2.5	-2.0	1	P
23					4.4	-19	283	0.6	-2.9	-0.4	2	P
24					4.9	36	252	-0.9	-2.3	2.7	2	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 28, 1985							271
					3.6	47	57	1.0	2.0	1.6	1	P
					3.5	25	52	1.5	2.2	0.7	1	P
					3.9	1	331	3.1	-1.6	0.4	1	P
					4.1	44	338	2.6	-0.4	2.9	1	P
					4.0	16	331	3.1	-1.5	1.4	1	P
					4.7	-3	317	3.3	-3.0	0.4	0	P
					5.0	-10	314	3.2	-3.4	-0.1	1	P
					4.9	-12	310	2.7	-3.3	-0.2	1	P
					5.1	11	292	1.9	-4.3	1.9	0	P
					4.3	6	318	2.7	-2.3	0.9	1	P
					4.9	-5	355	4.8	-0.5	-0.3	0	P
					4.0	-2	356	3.9	-0.3	-0.1	0	P
					4.1	2	7	4.0	0.5	0.0	0	P
					4.6	-2	11	4.3	0.8	-0.3	0	P
					4.6	-12	342	4.0	-1.4	-0.6	0	P
					3.8	11	337	3.1	-1.1	0.9	1	P
					4.2	-7	309	2.1	-2.7	0.2	1	P
					3.4	-4	299	1.4	-2.5	0.4	1	P
					3.5	20	254	-0.5	-1.4	0.9	2	P
					4.0	-3	325	3.2	-2.2	0.3	0	P
					3.5	5	331	2.9	-1.5	0.6	0	P
					2.9	50	304	0.8	-0.8	2.0	1	P
					3.5	40	308	1.5	-1.4	2.4	0	P
					3.3	10	244	-1.2	-2.4	1.0	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 29, 1985							272
1					4.0	8	204	-3.5	-1.4	0.9	1	P
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 2, 1985							275
					5.6	-7	343	4.2	-1.4	0.3	3	J
					5.9	7	358	5.0	0.2	0.6	3	J
351	8.8	62	J		5.7	28	353	4.6	0.8	2.4	2	J
367	10.8	33	J		6.0	35	306	2.7	-1.7	4.6	2	J
335	31.8	12	J		7.1	32	155	-5.4	3.2	3.1	1	J
339	22.3	18	J		7.6	33	130	-4.0	5.5	2.9	1	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	334	17.6	22	J	8.7	36	136	-5.0	5.9	3.8	1	J
2	338	19.9	20	J	8.6	32	107	-2.1	7.6	2.5	2	J
3	340	20.2	21	J	9.0	13	104	-2.1	8.4	-0.6	2	J
4	336	20.3	24	J	9.3	24	136	-5.8	6.5	1.4	3	J
5	332	21.2	30	J	9.7	27	170	-7.6	2.8	3.1	4	J
6	329	32.7	24	J	8.6	9	149	-6.7	4.2	-0.7	3	J
7	326	37.9	22	J	7.7	5	140	-5.7	4.5	-1.8	2	J
8	330	40.1	22	J	9.2	-9	125	-5.1	5.5	-5.0	2	J
9	325	32.1	28	J	10.7	-15	126	-6.0	5.4	-6.8	2	J
10	319	29.5	31	J	10.3	-32	144	-6.9	1.1	-7.3	2	J
11	334	17.0	35	J	10.5	-14	107	-2.7	6.0	-6.9	4	J
12	335	14.8	38	J	10.4	-12	108	-2.9	6.3	-6.7	4	J
13	334	15.6	45	J	10.2	-27	138	-6.0	2.3	-6.3	5	J
14	339	12.9	44	J	11.0	-9	115	-4.4	7.3	-6.3	3	J
15	336	12.8	51	J	10.7	-9	120	-5.0	6.9	-5.6	3	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
307	11.6	27	J	7.5	-10	108	-2.3	6.5	-3.1	1	J
306	11.3	20	J	7.6	-16	111	-2.6	5.8	-4.0	1	J
310	12.2	22	J	7.2	-16	102	-1.3	5.0	-3.7	3	J
314	18.8	19	J	6.9	26	77	1.4	6.7	0.4	1	J
316	20.4	21	J	7.4	-4	76	1.7	5.9	-3.5	2	J
316	21.4	19	J	7.4	-2	96	-0.8	6.1	-3.7	2	J
310	25.5	16	J	7.3	-20	121	-3.4	3.6	-5.1	2	J
312	29.0	18	J	7.5	-29	143	-5.2	1.3	-5.1	1	J
322	33.2	25	J	6.2	-27	100	-0.9	2.8	-5.2	2	J
312	30.4	25	J	5.3	-31	106	-1.2	1.9	-4.4	3	J
310	28.6	22	J	5.4	-31	96	-0.4	2.1	-4.3	3	J
314	28.2	21	J	5.9	-37	133	-3.2	1.1	-4.7	1	J
318	25.7	19	J	6.2	-32	147	-4.3	0.9	-4.2	1	J
310	24.7	21	J	4.6	-44	122	-1.7	1.1	-3.9	2	J
305	25.1	23	J	2.6	-47	121	-0.7	0.5	-1.9	2	J

OCT. 5, 1985 — 278

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5	480	10.8	264	J	16.1	-27	119	-6.7	8.3	-11.1	5	J
6	498	8.0	191	J	15.3	-8	129	-8.4	8.4	-6.2	7	J
7	532	8.0	240	J	13.6	-19	116	-4.7	6.7	-7.9	8	J
8	552	7.6	308	J	10.8	5	132	-6.0	6.1	-2.8	6	J
9	546	6.7	171	J	10.1	6	144	-7.8	5.3	-2.2	3	J
10	567	6.7	223	J	7.7	-7	138	-4.8	3.1	-3.1	4	J
11	568	6.6	182	J	7.1	-16	164	-6.0	0.4	-2.5	3	J
12	618	7.2	287	J	7.1	-44	137	-1.7	0.1	-2.7	7	J
13	582	7.3	220	J	9.4	22	177	-8.5	2.2	2.7	2	J
14	580	6.6	164	J	8.7	28	179	-7.4	2.1	3.3	2	J
15	560	6.3	84	J	9.8	8	172	-9.0	1.7	0.5	3	J
16	582	7.1	209	J	9.8	9	148	-7.0	4.5	-0.7	5	J
17	615	7.8	232	J	10.4	-10	132	-4.0	3.7	-2.7	9	J
18	618	8.5	223	J	10.0	-8	171	-8.0	0.8	-1.5	6	J
19	624	9.1	251	J	9.5	20	199	-6.8	-1.5	3.2	6	J
20												
21												
22												
23												
24												

OCT. 6, 1985 — 279

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
688	5.0	183	J	5.6	10	110	-1.3	3.3	-1.4	4	J
698	4.4	172	J	5.3	-7	118	-1.4	2.0	-1.8	4	J
678	4.0	162	J	4.8	24	177	-3.0	0.9	1.0	3	J
697	4.3	149	J	4.8	16	102	-0.7	3.4	-1.1	3	J
705	4.7	166	J	5.2	-9	83	0.5	3.2	-2.8	3	J
639	4.9	120	J	5.3	28	146	-3.5	3.1	1.0	2	J
678	5.1	141	J	5.7	30	85	0.4	4.9	0.6	3	J
645	5.5	174	J	4.8	4	192	-3.2	-0.6	0.4	4	J
628	5.4	102	J	5.6	-6	184	-4.8	-0.5	-0.4	3	J
639	5.2	122	J	5.0	-22	194	-3.1	-1.1	-1.0	4	J
619	5.1	73	J	5.3	-8	189	-5.1	-0.9	-0.5	0	J

OCT. 7, 1985 — 280

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	619	4.1	97	J	4.8	37	93	-0.2	4.4	0.2	2	J
13	628	4.0	93	J	4.8	14	61	2.2	3.9	-1.2	2	J
14	623	4.8	108	J	5.0	16	55	2.5	3.8	-0.8	2	J
15	616	4.7	98	J	4.9	6	77	1.0	4.2	-1.7	2	J
16												
17												
18	581	4.0	97	J	3.4	-10	134	-1.6	1.5	-1.0	2	J
19	580	3.9	83	J	3.7	-6	157	-1.7	0.6	-0.4	3	J
20	562	4.1	64	J	4.3	-19	162	-3.4	0.8	-1.5	2	J
21	596	4.1	101	J	4.0	20	62	1.1	2.3	0.4	3	J
22	585	3.8	82	J	4.3	-7	87	0.2	3.5	-1.2	2	J
23	575	3.8	68	J	4.8	-2	97	-0.5	4.2	-1.0	2	J
24	564	4.8	63	J	5.9	-27	101	-1.0	4.5	-3.7	1	J

OCT. 8, 1985 — 281

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
482	4.9	55	J	4.4	18	123	-1.8	2.9	-0.6	3	J
471	5.5	93	J	4.7	-19	145	-3.5	1.4	-2.5	1	J
				4.8	-13	139	-3.5	2.2	-2.4	1	J
456	5.1	45	J	4.5	-17	144	-3.4	1.7	-2.2	1	J
453	5.1	47	J	4.5	-9	154	-4.0	1.5	-1.4	1	J
454	5.2	52	J	4.8	-10	145	-3.8	2.2	-1.7	1	J
445	5.0	88	J	5.4	-10	165	-5.1	1.0	-1.3	1	J
444	4.7	90	J	5.7	-17	167	-5.1	0.7	-1.9	1	J
454	6.1	86	J	5.1	-15	172	-4.8	0.4	-1.4	1	J
448	6.7	88	J	4.6	-1	151	-3.8	2.1	-0.5	1	J
449	6.9	65	J	3.3	11	118	-1.2	2.4	0.1	2	J
443	8.2	72	J	2.7	10	145	-1.8	1.3	0.1	2	J

OCT. 9, 1985 — 282

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	434	8.1	78	J	2.9	13	166	-2.6	0.8	0.5	1	J
2	426	8.5	74	J	3.1	5	166	-2.8	0.7	0.1	1	J
3	421	9.5	66	J	3.6	23	136	-2.1	2.2	0.6	2	J
4												
5												
6												
7												
8					3.2	18	191	-3.0	-0.4	1.0	0	P
9					3.1	23	143	-2.0	1.7	0.7	1	P
10					3.5	26	192	-3.0	-0.3	1.6	0	P
11					3.4	33	212	-2.2	-1.0	2.0	0	P
12					3.2	58	205	-1.2	-0.1	2.3	1	P
13					3.0	23	126	-1.4	2.0	0.6	1	P
14	395	7.5	61	J	3.7	3	139	-2.6	2.0	-1.0	1	J
15	395	6.7	67	J	3.4	-4	174	-3.0	0.2	-0.3	2	J
16	392	7.4	75	J	3.2	13	165	-2.4	0.8	0.2	2	J
17	391	8.1	36	J	3.5	14	83	0.3	2.5	-0.4	2	J
18	386	8.1	29	J	4.0	-17	89	0.1	3.1	-2.3	1	J
19	382	8.6	30	J	4.3	-5	98	-0.5	3.6	-1.4	2	J
20	377	8.4	32	J	4.5	24	140	-3.0	2.9	1.1	1	J
21	382	8.9	33	J	3.5	38	152	-1.9	1.4	1.5	2	J
22	370	8.1	28	J	4.6	14	197	-4.0	-1.0	1.3	1	J
23	367	8.2	36	J	4.3	-4	187	-3.9	-0.5	-0.2	1	J
24	368	8.7	44	J	4.4	-6	183	-3.9	-0.3	-0.4	2	J

OCT. 10, 1985 — 283

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
370	11.2	25	J	4.0	-9	99	-0.6	3.4	-1.3	2	J
364	10.0	39	J	4.0	-16	150	-2.0	1.0	-0.9	3	J
				3.5	-23	142	-2.5	1.6	-1.7	0	P
				3.6	-3	93	-0.2	3.2	-0.9	1	P
				2.7	-3	169	-1.8	0.3	-0.2	1	P
				3.3	9	134	-2.0	2.1	0.0	1	P
				4.7	-4	138	-3.2	2.8	-0.9	1	P
				4.3	-32	177	-3.6	-0.2	-2.2	0	P
				4.2	-15	191	-4.0	-1.0	-0.9	0	P
				4.2	3	191	-4.0	-0.7	0.3	0	P
				3.8	-15	181	-3.6	-0.3	-0.9	0	P
				4.1	-23	187	-3.6	-0.7	-1.5	1	P
				4.2	-21	135	-2.5	2.2	-1.8	1	P
				3.6	31	128	-1.5	2.2	1.0	1	P
				3.5	29	136	-2.0	2.2	1.1	1	P
				3.4	27	154	-2.7	1.6	1.2	0	P
				3.2	12	177	-3.0	0.3	0.6	0	P
				3.0	12	189	-2.7	-0.3	0.7	0	P
				3.1	-16	193	-2.8	-0.8	-0.7	1	P
				3.9	-23	149	-3.0	1.5	-1.8	1	P
				5.0	-31	164	-4.0	0.6	-2.7	1	P
				4.7	-9	188	-3.7	-0.6	-0.5	1	P
				4.5	3	141	-2.5	2.0	-0.3	2	P
				4.8	-27	160	-3.0	0.7	-1.8	2	P

OCT. 11, 1985

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					4.3	9	56	2.3	3.4	-0.1	1	P
2					4.3	23	77	0.8	3.8	0.8	1	P
3					4.6	13	106	-1.1	4.0	0.1	1	P
4					4.8	-2	129	-2.8	3.4	-0.9	1	P
5					7.2	-4	130	-4.6	5.3	-1.6	1	P
6	330	18.8	124	J	9.0	0	141	-6.8	5.4	-1.2	1	P
7	337	22.0	125	J	10.4	-13	150	-8.8	4.4	-3.3	1	P
8	323	28.0	127	J	8.2	17	131	-5.1	6.3	1.1	0	P
9												
10												
11												
12												
13					11.6	56	321	4.6	-1.9	9.4	2	P
14					9.6	22	330	7.3	-3.5	4.3	2	P
15					10.7	0	332	9.0	-4.7	0.9	1	P
16					10.0	-13	336	7.7	-3.8	-1.1	2	P
17					11.1	26	325	7.8	-4.4	5.8	1	P
18					9.8	-10	326	7.3	-5.1	-0.5	1	P
19					9.8	-10	314	6.3	-6.6	-0.2	2	P
20					13.2	11	323	10.2	-7.0	4.1	1	P
21					13.1	10	312	8.5	-8.8	4.1	1	P
22					12.4	6	316	8.7	-7.9	3.0	1	P
23					10.5	6	332	9.1	-4.4	2.1	1	P
24					9.4	-14	324	6.8	-5.2	-1.0	3	P

OCT. 12, 1985

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
7.0	-30	310		3.6	-4.8	-2.3	1	P
5.8	7	318		4.1	-3.5	1.4	1	P
4.7	9	293		1.5	-3.4	1.3	1	P
6.1	16	335		5.2	-2.1	2.1	1	P
4.4	25	279		0.5	-2.7	2.0	1	P
4.3	5	265		-0.3	-3.8	1.1	1	P
5.6	-24	325		4.0	-3.2	-1.6	1	P

OCT. 13, 1985

1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24					6.6	20	347	5.8	-0.9	2.4	1	P

OCT. 14, 1985

					6.1	27	330	4.5	-2.0	3.2	1	P
					6.4	18	319	4.4	-3.3	2.6	1	P
					7.4	-6	308	4.5	-5.8	0.4	1	P
					8.2	-5	314	5.4	-5.6	0.5	1	P
					7.5	7	17	4.4	1.4	0.3	3	P
					8.3	-13	337	6.9	-3.2	-1.0	1	P
					6.9	5	339	6.1	-2.1	1.0	1	P
					5.1	10	0	3.9	0.2	0.6	1	P
					4.7	23	331	3.6	-1.6	2.2	0	P
					4.6	5	343	4.2	-1.2	0.6	0	P
					4.3	-5	318	2.8	-2.5	0.2	1	P
					5.0	22	321	3.3	-2.3	2.2	1	P
					4.3	22	326	2.9	-1.6	1.8	1	P
					3.8	47	342	2.1	-0.2	2.5	1	P
					3.3	28	12	2.6	0.8	1.2	1	P
					2.8	2	12	2.8	0.6	0.0	0	P
					2.4	-20	0	1.3	-0.1	-0.4	1	P
					4.3	37	324	2.3	-1.2	2.5	1	P
					3.9	-7	313	2.5	-2.7	0.1	0	P
					4.2	5	337	3.8	-1.5	0.7	0	P
					4.1	10	322	3.1	-2.2	1.2	1	P
					4.0	-36	320	0.5	-0.5	-0.4	4	P
					3.5	60	237	-0.7	-0.6	2.3	1	P
					4.3	32	249	-1.3	-2.7	2.8	1	P

OCT. 15, 1985

1					5.2	79	142	-0.7	1.5	4.5	1	P
2					5.1	65	197	-1.7	0.3	3.9	1	P
3					7.3	74	205	-1.5	0.5	6.0	2	P
4					8.1	15	90	0.1	7.0	0.4	1	P
5	559	7.5	122	J	6.2	-32	347	4.2	-1.5	-2.4	2	P
6	558	7.0	119	J	6.5	9	35	3.5	2.5	0.1	3	P
7	574	7.3	164	J	7.5	-32	82	0.8	3.3	-5.8	3	J
8	572	8.6	200	J	5.0	-24	358	2.8	-0.7	-1.0	4	J
9	580	8.1	214	J	4.5	18	304	1.4	-1.3	1.8	4	J
10	581	7.1	181	J	5.1	-12	281	0.6	-3.0	1.2	4	J
11	597	6.6	182	J	5.3	32	247	-1.3	-1.4	3.5	4	J
12	587	5.8	155	J	5.4	16	271	0.1	-2.5	2.9	4	J
13	571	5.8	121	J	5.1	-5	307	2.5	-3.0	1.4	3	J
14	574	6.1	168	J	3.9	6	346	2.4	-0.4	0.5	3	J
15	591	6.2	192	J	4.3	66	37	1.0	1.9	2.1	3	J
16	587	6.1	162	J	5.5	42	87	0.2	4.7	1.5	3	J
17												
18												
19												
20												
21												
22												
23												
24	585	6.7	177	J	6.4	-34	297	2.1	-4.6	-2.3	3	J

OCT. 16, 1985

581	6.6	174	J		6.2	6	316	2.8	-2.6	0.9	5	J
578	6.3	157	J		6.0	0	310	3.0	-3.4	0.8	4	J
584	6.3	164	J		6.2	-46	336	3.0	-2.2	-2.9	4	J
585	6.4	175	J		5.7	-29	291	1.4	-4.1	-0.9	4	J
580	6.2	173	J		6.1	-44	306	2.1	-3.9	-2.1	4	J
604	7.5	241	J		6.5	-16	258	-1.0	-4.7	0.7	5	J
562	6.0	118	J		6.5	10	344	5.6	-0.9	1.7	3	J
549	6.2	119	J		7.8	-3	4	7.2	0.2	-0.6	3	J
544	6.8	140	J		8.1	1	344	6.1	-1.4	1.0	5	J
562	7.1	173	J		9.0	-19	356	4.2	-1.0	-1.1	8	J
546	6.9	144	J		9.3	-42	344	6.1	-4.6	-3.8	3	J
522	5.8	104	J		9.0	-12	339	7.9	-3.5	0.1	2	J
548	7.4	117	J		8.1	-9	323	5.8	-4.3	1.3	3	J
578	8.7	152	J		7.3	-15	305	3.4	-5.0	1.0	4	J
563	8.5	128	J		7.0	-10	332	5.7	-3.2	0.4	2	J
560	8.2	111	J		6.8	-12	352	6.2	-1.3	-0.9	2	J
551	7.9	97	J		7.1	6	9	7.0	1.3	0.3	1	J

OCT. 17, 1985

1												
2												
3	525	6.1	117	J	9.6	-6	278	1.3	-9.1	1.6	2	J
4	546	6.1	124	J	9.4	-20	260	-1.5	-9.1	-0.2	2	J
5	541	5.9	121	J	8.6	-37	272	0.2	-6.4	-1.7	6	J
6	490	9.0	150	J	8.4	9	304	4.3	-5.3	3.8	3	J
7	493	9.6	117	J	8.3	-32	284	1.5	-7.0	-0.6	4	J
8	489	10.1	99	J	9.2	-14	289	2.5	-7.1	2.0	5	J
9	475	9.6	68	J	10.2	1	297	4.4	-7.2	4.7	4	J
10	469	10.0	82	J	10.1	-25	300	4.2	-8.3	0.7	4	J
11	459	9.4	118	J	10.0	-22	310	5.6	-7.5	0.7	4	J
12	472	8.6	114	J	10.9	-2	289	3.4	-8.5	5.0	3	J
13	481	10.0	172	J	9.9	-27	301	4.0	-7.7	0.1	5	J
14	503	7.5	111	J	11.2	29	293	3.0	-4.1	7.2	7	J
15	498	6.3	113	J	11.8	47	318	5.6	-0.8	9.5	4	J
16	488	6.7	110	J	12.6	19	313	7.7	-6.0	7.0	4	J
17	492	7.0	132	J	12.0	-23	303	5.4	-9.3	-0.9	5	J
18	494	7.4	124	J	10.9	-37	289	2.8	-9.8	-3.6	1	J
19												
20												
21												
22												
23												
24												

OCT. 18, 1985

574	5.5	126	J		8.5	5	300	4.1	-5.6	4.3	2	J
556	6.4	171	J		8.8	2	313	5.7	-4.9	3.5	3	J
555	6.4	114	J		8.3	-12	312	5.2	-5.7	1.8	3	J
555	6.3	131	J		9.1	-38	339	6.0	-4.6	-3.0	4	J
578	6.2	144	J		8.7	-28	331	6.4	-5.1	-1.5	3	J
619	5.1	138	J		8.2	2	320	5.6	-4.0	2.5	4	J
638	5.2	185	J		8.0	-12	310	4.5	-5.4	1.1	4	J
662	5.2	220	J		7.7	-6	291	1.9	-4.6	1.5	6	J
651	5.0	203	J		7.7	-8	311	3.3	-3.8	0.7	6	J
652	4.8	205	J		8.0	7	293	2.5	-5.4	2.6	5	J
647	4.3	220	J		7.0	-1	302	3.4	-5.3	1.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 19, 1985							292
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	716	3.8	223	J	4.8	-34	229	-2.0	-3.1	-0.5	3	J
11	700	3.7	216	J	4.4	-63	297	0.6	-2.4	-1.5	3	J
12	655	3.7	189	J	4.3	-9	329	2.6	-1.6	0.4	3	J
13	639	3.9	146	J	4.5	-16	322	2.7	-2.3	0.2	3	J
14	626	3.1	122	J	5.3	-1	308	2.9	-3.3	1.7	2	J
15	648	3.1	130	J	6.0	6	275	0.5	-4.4	2.8	3	J
16	665	2.5	148	J	5.7	47	261	-0.5	-1.4	4.0	4	J
17	640	2.8	138	J	5.2	17	286	1.3	-3.8	3.0	2	J
18	642	2.6	124	J	5.4	8	298	2.3	-3.9	2.0	2	J
19	652	2.3	138	J	4.9	36	294	1.1	-1.8	2.4	4	J
20	660	2.2	119	J	5.1	50	271	0.1	-2.1	4.1	2	J
21	656	2.3	109	J	5.0	32	262	-0.5	-3.3	3.1	2	J
22	667	2.4	134	J	5.1	42	243	-1.7	-2.7	3.9	1	J
23												
24												
					OCT. 20, 1985							293
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	588	4.4	233	J	4.1	-14	314	2.6	-2.7	0.7	2	J
11	580	4.8	207	J	4.1	-11	335	3.2	-1.6	0.2	2	J
12	587	4.5	195	J	3.7	20	313	1.7	-1.1	1.8	3	J
13	584	3.7	126	J	3.6	26	305	1.4	-1.1	2.0	2	J
14	580	3.3	96	J	3.5	38	302	1.2	-0.8	2.5	2	J
15	562	2.9	76	J	4.0	22	305	1.8	-1.7	2.2	2	J
16	534	2.9	85	J	4.3	2	323	3.0	-2.0	1.0	2	J
17	540	3.2	94	J	4.1	10	322	2.5	-1.6	1.2	3	J
18	517	3.1	105	J	3.8	-8	356	3.7	-0.4	-0.4	1	J
19	513	2.7	75	J	3.5	5	339	3.0	-1.0	0.6	1	J
20	529	3.1	92	J	3.6	30	314	2.1	-1.7	2.2	1	J
21	520	2.9	83	J	3.1	28	317	2.0	-1.6	1.8	1	J
22	500	2.2	51	J	4.2	15	312	2.7	-2.8	1.6	1	J
23	489	3.1	43	J	4.5	-1	304	2.5	-3.7	0.5	1	J
24	485	4.5	52	J	4.7	15	307	2.7	-3.3	1.8	1	J
					OCT. 21, 1985							294
1	476	5.7	47	J	5.0	17	309	3.0	-3.4	2.1	1	J
2					5.2	10	305	2.9	-3.9	1.8	0	J
3												
4												
5												
6												
7												
8												
9												
10												
11					9.3	-17	323	7.1	-5.7	-1.5	0	P
12					8.8	26	327	6.2	-3.2	4.3	1	P
13	0	0.0	0	J	9.4	7	295	3.9	-6.5	5.2	1	J
14	601	9.9	325	J	10.8	-5	323	7.0	-5.0	1.9	6	J
15	623	8.4	326	J	12.4	23	311	7.1	-5.3	7.7	4	J
16	611	9.8	475	J	10.1	-19	348	6.9	-2.3	-1.6	7	J
17	594	10.5	373	J	11.1	13	322	7.4	-4.6	4.0	6	J
18	592	9.9	324	J	11.2	11	316	7.5	-6.3	4.1	4	J
19	592	8.9	235	J	10.9	3	309	6.3	-7.4	2.5	4	J
20	585	8.4	184	J	9.8	-10	319	7.1	-6.3	-0.3	2	J
21	567	6.6	154	J	10.8	1	312	6.8	-7.3	1.6	4	J
22	537	4.4	157	J	11.0	23	300	5.0	-7.9	5.7	2	J
23	556	5.3	241	J	9.4	20	316	5.3	-4.6	3.4	5	J
24	569	5.5	154	J	8.6	12	317	4.9	-4.3	2.2	5	J
					OCT. 22, 1985							295
1	593	6.3	168	J	8.1	-21	304	3.6	-5.7	-1.4	4	J
2	584	6.3	177	J	7.8	-9	328	5.0	-3.3	-0.2	5	J
3	592	5.8	209	J	7.2	9	309	3.5	-3.9	2.0	5	J
4					6.6	6	1	5.2	0.3	0.5	4	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					5.8	16	342	5.2	-1.3	1.9	1	P
15					5.5	7	342	4.8	-1.4	0.9	1	P
16					6.2	7	356	6.1	-0.3	0.8	0	P
17					6.3	-11	355	6.1	-0.8	-1.0	0	P
18					6.3	3	340	5.9	-2.1	0.8	0	P
19												
20												
21												
22												
23												
24												
					OCT. 23, 1985							296
1												
2												
3												
4												
5												
6					3.8	7	338	2.8	-1.0	0.6	1	P
7					3.6	13	350	2.6	-0.3	0.7	1	P
8					7.6	23	188	-2.6	-0.1	1.2	9	P
9					3.7	6	326	2.8	-1.7	0.7	1	P
10					4.4	9	336	3.6	-1.4	1.0	1	P
11					4.3	-3	302	2.2	-3.4	0.5	1	P
12					5.3	-4	5	5.2	0.4	-0.4	0	P
13					5.2	18	14	4.7	1.5	1.3	0	P
14					5.3	1	326	3.3	-2.2	0.5	1	P
15					5.5	18	334	4.4	-1.8	2.0	1	P
16					4.6	8	341	4.1	-1.2	0.9	1	P
17					5.0	-9	334	4.1	-2.1	-0.3	1	P
18					4.9	-5	306	2.7	-3.8	0.4	1	P
19					4.9	-3	339	4.5	-1.8	0.2	1	P
20					5.9	-21	342	5.1	-2.0	-1.6	0	P
21					5.7	12	299	2.6	-4.4	2.1	1	P
22					5.8	-16	319	4.1	-3.8	-0.8	0	P
23					5.9	-11	328	4.7	-3.1	-0.4	1	P
24					5.5	10	325	4.1	-2.7	1.5	1	P
					OCT. 24, 1985							297
1					4.2	-16	348	3.0	-0.8	-0.7	1	P
2					4.6	7	308	2.3	-2.8	1.1	1	P
3					4.7	-4	269	-0.1	-4.2	0.6	1	P
4					4.5	27	340	3.7	-0.9	2.3	0	P
5					4.7	-9	10	4.2	0.6	-0.8	1	P
6					4.7	-50	331	2.5	-2.1	-3.0	0	P
7					3.8	-2	324	3.0	-2.2	0.3	1	P
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					OCT. 28, 1985							301
1												
2					5.2	14	270	0.0	-3.8	1.8	3	J
3	379	12.6	45	J	4.5	30	279	0.3	-1.6	1.5	4	J
4	389	13.1	54	J	4.2	12	215	-3.0	-1.8	1.4	2	J
5	388	16.4	61	J	4.4	4	266	-0.2	-2.7	1.2	3	J
6	389	17.6	56	J	4.9	19	238	-1.8	-2.2	2.2	3	J
7	379	20.0	42	J	4.2	-15	301	1.5	-2.7	0.4	3	J
8	374	17.6	35	J	4.4	1	310	2.4	-2.5	1.4	2	J
9	376	18.4	26	J	3.6	31	229	-1.6	-0.9	2.2	2	J
10	367	17.0	27	J	3.6	16	188	-3.4	0.1	1.1	1	J
11	365	15.7	33	J	2.6	30	255	-0.4	-0.9	1.7	2	J
12	363	14.6	30	J	2.2	27	212	-1.5	-0.3	1.3	1	J
13	354	13.5	28	J	2.6	13	267	-0.1	-1.3	1.2	2	J
14	349	12.6	29	J	2.5	30	279	0.2	-0.9	1.4	2	J
15	339	13.7	20	J	2.7	36	290	0.6	-1.0	1.9	2	J
16	335	15.0	17	J	2.5	24	330	2.0	-0.7	1.4	0	J
17												
18												
19												
20												
21												
22												
23												
24												
					OCT. 29, 1985							302
1												
2												
3	331	14.0	18	J	7.8	-30	117	-3.0	5.1	-4.9	1	J
4	328	13.9	19	J	8.4	-26	115	-3.2	5.8	-5.2	1	J
5	328	16.6	19	J	8.4	-22	112	-2.9	6.0	-5.0	1	J
6	327	21.7	18	J	9.1	-26	105	-2.1	6.0	-6.4	1	J
7	325	25.1	19	J	8.3	-34	114	-2.8	3.9	-6.6	2	J
8	323	31.8	27	J	5.0	-30	106	-1.1	2.3	-3.6	3	J
9	325	26.8	26	J	6.7	-17	109	-1.9	4.0	-4.2	3	J
10	328	18.5	24	J	8.7	-24	111	-2.6	4.3	-6.2	3	J
11	338	20.0	31	J	7.8	-27	112	-2.3	3.3	-5.7	4	J
12	333	21.3	36	J	5.5	-43	126	-2.3	0.8	-4.8	1	J
13	323	22.2	33	J	4.5	-56	119	-1.1	0.0	-3.9	2	J
14	325	22.7	44	J	3.5	28	353	2.7	0.4	1.4	2	J
15	339	25.6	44	J	5.8	39	317	3.0	-1.0	4.2	3	J
16	338	21.9	25	J	8.0	35	300	3.2	-3.2	6.4	2	J
17	334	28.2	32	J	4.8	-31	324	1.5	-1.4	-0.6	5	J
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 30, 1985							303
1												
2												
3												
4												
5	357	7.9	79	J	5.7	15	330	4.4	-2.0	2.1	2	J
6	376	9.0	61	J	5.4	40	314	2.2	-1.1	3.3	3	J
7	374	9.1	51	J	5.2	2	297	2.2	-3.9	2.0	2	J
8	373	8.2	56	J	4.9	16	304	2.0	-2.1	2.3	3	J
9	374	9.5	61	J	5.0	25	330	3.6	-0.8	2.7	2	J
10	387	11.1	89	J	5.0	8	312	3.1	-2.6	2.3	2	J
11	390	14.4	73	J	4.0	23	284	0.4	-1.1	1.5	4	J
12	383	16.8	55	J	6.4	82	143	-0.6	3.1	4.5	3	J
13	376	15.7	55	J	7.2	29	293	2.1	-2.9	5.0	4	J
14	374	16.5	45	J	7.3	-3	316	5.1	-4.6	1.9	2	J
15	375	18.3	30	J	7.5	13	302	3.6	-4.5	3.8	3	J
16	369	16.4	30	J	6.3	30	299	2.5	-3.1	4.5	2	J
17	362	13.7	49	J	6.0	-5	325	4.6	-3.2	0.6	2	J
18	363	13.5	45	J	5.8	-4	321	4.3	-3.4	0.6	1	J
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 31, 1985							304
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	336	20.8	14	J	2.9	17	270	0.0	-1.9	2.0	1	J
11	326	16.4	14	J	3.7	12	300	1.7	-2.1	2.1	2	J
12	330	20.2	14	J	3.7	-10	296	1.3	-2.5	0.9	3	J
13	354	26.9	31	J	5.2	-45	112	-1.1	0.9	-3.9	3	J
14	352	29.8	32	J	3.7	-4	115	-1.5	2.7	-1.8	1	J
15												
16												
17												
18												
19	339	24.7	23	J	5.4	-53	163	-2.9	-0.2	-4.2	2	J
20	338	23.2	20	J	6.3	43	110	-1.3	4.3	2.7	4	J
21	335	16.8	18	J	6.5	24	124	-3.2	5.2	1.7	2	J
22	337	16.2	19	J	5.8	18	125	-3.2	4.7	1.1	1	J
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 1, 1985							305
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	404	12.1	70	J	6.4	-29	152	-4.8	0.7	-3.9	1	J
12	407	11.1	62	J	7.1	-16	119	-3.1	3.9	-4.3	3	J
13	404	9.8	51	J	7.5	-36	158	-5.4	-0.1	-4.8	2	J
14	402	8.9	57	J	7.5	-26	147	-5.4	1.8	-4.4	2	J
15	409	9.4	55	J	6.6	-23	141	-4.4	2.3	-3.7	2	J
16	428	10.8	59	J	6.3	35	73	1.3	5.1	1.4	3	J
17	435	11.3	49	J	6.6	29	12	5.6	2.1	2.6	1	J
18	425	8.7	73	J	6.2	-20	122	-3.0	4.1	-3.2	1	J
19	430	10.5	78	J	5.6	-31	92	-0.2	3.7	-3.5	2	J
20	432	11.3	58	J	6.4	31	20	4.6	2.2	2.6	3	J
21	410	9.8	46	J	5.9	-13	150	-4.7	2.5	-1.6	2	J
22	409	9.7	32	J	6.6	1	132	-4.3	4.8	-0.5	1	J
23	403	13.2	50	J	5.6	40	131	-1.8	2.3	2.1	4	J
24	407	16.4	41	J	5.4	41	335	3.5	-1.2	3.5	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 2, 1985							306
1												
2					5.5	46	335	3.3	-1.0	4.0	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	381	25.5	48	J	7.6	-34	158	-4.7	0.0	-3.9	4	J
14	389	31.0	54	J	8.2	-5	166	-2.9	0.5	-0.6	8	J
15	394	34.0	67	J	12.0	-33	145	-6.2	1.7	-6.3	8	J
16	403	32.7	68	J	11.7	16	103	-2.1	9.2	-1.2	7	J
17	421	17.3	164	J	11.0	26	96	-0.9	9.0	0.8	6	J
18	425	16.3	191	J	8.9	-8	125	-3.5	4.4	-2.3	7	J
19	433	14.2	184	J	7.4	18	156	-3.7	2.0	0.9	6	J
20	455	13.0	195	J	8.5	12	123	-3.4	5.4	0.2	6	J
21	473	11.5	200	J	9.8	-63	154	-3.6	0.4	-8.1	4	J
22	456	10.6	218	J	10.3	-15	175	-7.1	0.3	-2.0	7	J
23	473	10.3	216	J	9.5	55	157	-3.2	1.9	4.7	7	J
24	490	6.6	126	J	11.8	-8	138	-7.9	6.9	-2.3	5	J
	529	6.8	206	J	10.9	-6	128	-5.4	6.8	-1.7	6	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 3, 1985							307
1	541	6.7	179	J	11.7	11	131	-6.8	8.1	0.9	5	J
2	606	7.6	418	J	8.3	-23	129	-3.2	3.5	-2.8	6	J
3	615	6.1	291	J	8.4	-4	125	-3.6	4.9	-1.5	6	J
4												
5												
6												
7												
8					3.8	-26	151	-2.7	1.1	-1.8	1	P
9					4.1	-12	210	-3.0	-1.9	-0.3	1	P
10												
11					4.7	-3	80	0.8	4.4	-1.2	1	P
12					3.6	-4	79	0.6	3.0	-0.9	1	P
13	619	2.7	128	J	4.5	22	126	-2.2	3.4	-0.1	2	J
14	610	3.5	140	J	4.3	22	114	-1.1	2.6	-0.1	3	J
15	589	4.1	125	J	4.8	-12	145	-2.5	1.3	-1.3	4	J
16	603	4.2	139	J	5.2	-6	73	1.4	4.1	-2.1	2	J
17	587	4.2	151	J	5.0	33	92	0.0	1.3	0.4	5	J
18	564	5.2	109	J	5.2	18	219	-3.4	-2.3	2.1	2	J
19	556	5.4	107	J								
20	558	4.7	73	J	6.1	10	180	-5.8	0.2	1.0	2	J
21	564	4.2	75	J	5.1	7	154	-4.2	2.1	0.3	2	J
22	578	4.8	194	J	3.5	-11	131	-2.0	2.2	-0.9	2	J
23	580	4.4	113	J	5.3	1	75	1.1	4.1	-0.4	3	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 4, 1985							308
1												
2												
3												
4												
5												
6												
7												
8					4.3	-26	148	-3.0	1.4	-2.1	1	P
9					4.0	3	180	-3.7	0.1	0.2	1	P
10					4.2	41	197	-2.8	-0.3	2.6	1	P
11					4.9	8	192	-4.3	-0.8	0.8	1	P
12					4.4	14	160	-3.8	1.6	0.7	1	P
13					4.7	-10	194	-4.4	-1.2	-0.5	0	P
14					4.4	-14	205	-3.8	-1.9	-0.6	0	P
15					3.3	-1	139	-2.2	1.9	-0.5	1	P
16					4.1	2	81	0.6	3.5	-0.6	1	P
17					4.6	0	68	1.7	4.0	-0.9	1	P
18					4.8	4	44	3.4	3.4	-0.4	0	P
19					4.2	4	68	1.5	3.6	-0.6	0	P
20					4.6	-17	130	-2.5	2.7	-1.8	1	P
21					3.9	-18	145	-2.9	1.7	-1.6	1	P
22					3.9	17	125	-2.0	3.0	0.4	1	P
23					5.5	36	170	-4.3	1.4	2.9	2	P
24					7.9	33	187	-6.3	0.2	4.3	1	P

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 9, 1985							313
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	507	14.0	180	J								
11	510	19.3	272	J								
12	536	17.8	360	J								
13	570	13.9	334	J								
14	576	13.1	333	J								
15	563	11.6	233	J								
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 10, 1985							314
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	575	7.0	171	J	6.0	11	334	4.1	-1.9	1.1	4	J
11	570	7.4	136	J	5.3	-23	322	2.9	-2.5	-1.2	3	J
12	578	7.6	112	J	5.9	12	335	1.8	-0.7	0.6	5	J
13	571	6.8	105	J	4.6	-18	317	1.3	-1.3	-0.3	4	J
14	554	7.2	164	J	3.9	36	337	1.8	-0.3	1.6	3	J
15	554	6.0	140	J	3.4	-12	349	2.6	-0.7	-0.4	2	J
16	561	5.1	87	J	4.2	-13	7	3.4	0.1	-0.9	2	J
17	564	4.8	82	J	4.9	-14	353	4.0	-0.9	-0.7	3	J
18					5.4	-34	357	4.5	-1.6	-2.6	1	J
19	631	4.4	138	J	5.3	-30	346	4.1	-2.1	-1.7	2	J
20	638	5.1	190	J	5.2	-6	324	3.1	-2.2	0.7	3	J
21	639	5.6	228	J	5.6	-7	35	4.1	2.2	-1.9	2	J
22	623	5.9	115	J	5.5	16	344	4.4	-0.6	1.7	3	J
23	625	6.4	179	J	5.8	5	334	3.9	-1.6	1.1	4	J
24	651	6.3	192	J	6.5	15	291	2.0	-4.3	3.3	3	J
	670	6.7	193	J	6.1	31	259	-0.8	-3.2	3.8	3	J

NOV. 11, 1985 — 315

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3	624	5.3	97	J	6.0	4	213	-5.0	-3.1	1.0	0	J
4	624	5.9	81	J	5.1	2	211	-5.1	-2.9	0.9	2	J
5	580	6.4	106	J	5.3	9	270	-0.0	-3.8	1.8	3	J
6	570	5.8	106	J	5.5	16	291	1.5	-3.2	2.4	3	J
7	573	5.8	83	J	4.9	-5	344	2.4	-0.7	0.1	4	J
8	585	6.6	113	J	6.0	13	242	-1.7	-2.6	2.2	5	J
9	583	6.2	92	J	5.9	23	234	-3.0	-2.7	3.8	2	J
10	557	6.0	125	J	4.9	-10	327	2.3	-1.6	0.3	4	J
11	560	5.8	145	J	4.2	-22	7	3.3	-0.3	-1.4	2	J
12	555	6.5	138	J	4.4	29	343	2.6	-0.0	1.7	3	J
13	558	6.2	114	J	5.5	5	283	1.1	-3.9	2.4	3	J
14	542	7.4	155	J	5.3	-8	321	3.5	-2.9	0.6	3	J
15	557	7.4	138	J	4.6	40	314	2.0	-1.0	3.0	3	J
16	555	6.8	136	J	5.2	35	324	2.2	-0.9	2.3	4	J
17	545	5.8	138	J	6.1	33	10	5.0	1.7	2.9	1	J
18												
19												
20												
21												
22												
23												
24												

NOV. 12, 1985 — 316

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
473	3.0	54	J	1.9	14	347	1.2	-0.1	0.4	2	J
462	3.9	48	J	3.7	12	360	3.5	0.3	0.7	1	J
461	4.0	44	J	3.9	7	346	3.7	-0.6	0.8	1	J
457	4.8	55	J	3.6	20	327	2.3	-0.9	1.6	2	J
468	3.9	49	J	2.9	-8	357	2.6	-0.3	-0.3	1	J
436	6.4	54	J	4.0	35	286	0.8	-1.7	2.9	2	J
443	7.3	60	J	3.9	6	273	0.1	-2.5	1.3	3	J
439	7.9	66	J	4.1	35	276	0.3	-2.1	2.9	2	J
434	8.3	88	J	2.8	67	346	0.9	0.4	2.3	2	J
445	10.3	72	J	3.7	-6	213	-1.7	-1.1	0.0	3	J
458	16.7	68	J	5.1	-6	210	-3.8	-2.2	-0.1	3	J
454	20.7	67	J	6.4	35	215	-4.3	-2.5	4.0	1	J

NOV. 13, 1985 — 317

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	551	11.7	190	J	5.2	-20	125	-1.2	1.2	-1.4	5	J
11	534	12.2	223	J	6.8	-26	312	1.7	-2.2	-0.2	6	J
12	510	12.3	113	J	9.1	-6	140	-6.8	4.7	-3.4	2	J
13	499	14.0	116	J	9.9	-19	117	-4.1	5.9	-6.2	3	J
14	500	15.5	138	J	10.2	36	334	4.9	-0.6	4.6	8	J
15	497	17.6	171	J	9.3	42	295	2.6	-3.2	7.1	4	J
16	495	17.5	211	J	8.7	31	329	5.7	-2.0	4.8	4	J
17	507	17.5	226	J	10.2	9	312	5.6	-5.6	2.9	6	J
18	564	15.1	313	J	12.7	20	309	5.4	-5.9	4.4	9	J
19	589	11.1	413	J	13.3	8	302	6.2	-9.5	3.2	6	J
20	629	9.1	433	J	11.1	-39	275	0.6	-6.9	-4.4	7	J
21	626	8.9	380	J	10.6	-15	290	2.8	-7.9	-1.5	6	J
22	610	9.1	315	J	8.7	-4	339	7.0	-2.7	-0.4	4	J
23	628	8.6	288	J	9.3	20	325	5.9	-4.0	2.9	5	J
24	666	7.7	370	J	7.2	13	341	2.6	-0.8	0.7	7	J

NOV. 14, 1985 — 318

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
616	5.1	148	J	6.6	10	316	4.1	-3.3	2.5	3	J
610	5.4	164	J	6.6	4	316	4.3	-3.8	1.8	3	J
624	5.3	168	J	6.5	0	298	2.7	-4.8	1.5	3	J
624	5.3	148	J	6.7	-2	327	4.1	-2.6	0.5	4	J
640	5.6	185	J	7.1	-12	298	2.7	-5.1	-0.2	4	J
633	5.5	175	J	7.2	8	300	3.3	-5.5	1.8	2	J
632	5.6	196	J	6.9	26	356	3.9	-0.1	1.9	5	J
653	5.9	247	J	6.8	34	67	1.9	4.7	2.9	3	J
636	5.0	151	J	7.0	18	330	5.2	-2.9	2.1	3	J
684	5.7	304	J	4.6	-9	348	2.0	-0.4	-0.3	4	J
672	5.6	236	J	5.8	11	356	4.4	-0.3	0.9	4	J

NOV. 15, 1985 — 319

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	681	5.1	200	J	5.7	-6	308	2.8	-3.6	-0.2	3	J
2	673	4.9	190	J	5.8	1	318	3.9	-3.5	0.5	2	J
3	676	4.6	173	J	6.2	16	318	3.7	-3.1	1.9	3	J
4												
5												
6												
7												
8												
9												
10												
11												
12	688	4.4	227	J	4.5	-39	338	1.9	-1.4	-1.1	4	J
13	686	4.0	180	J	5.1	-30	332	2.9	-2.2	-1.1	3	J
14	697	3.7	181	J	3.6	-7	22	2.3	0.7	-0.6	3	J
15	701	3.2	153	J	3.7	17	340	2.2	-0.5	1.0	3	J
16	694	2.8	111	J	3.5	7	330	2.7	-1.4	0.8	2	J
17	700	2.9	131	J	3.8	46	11	2.2	1.0	2.1	2	J
18	687	3.3	125	J	3.9	-3	347	3.5	-0.8	-0.0	1	J
19	688	3.4	105	J	3.9	-10	342	3.6	-1.2	-0.5	1	J
20	683	3.5	105	J	4.0	0	345	3.8	-1.0	0.1	1	J
21	686	2.5	157	J	4.1	-2	349	3.9	-0.8	-0.1	1	J
22	659	3.4	180	J	3.5	39	357	2.2	-0.0	1.8	2	J
23	685	3.4	185	J	3.9	10	286	0.5	-1.7	0.4	3	J
24	661	3.4	150	J	4.9	-12	294	1.8	-4.1	-0.7	2	J

NOV. 16, 1985 — 320

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
637	3.5	106	J	5.7	-14	327	4.6	-3.0	-1.2	1	J
656	4.1	153	J	5.3	-9	316	3.3	-3.2	-0.4	2	J
632	4.7	126	J	4.4	-17	341	3.5	-1.4	-1.0	2	J
635	5.5	145	J	4.7	16	325	3.5	-2.1	1.7	2	J

NOV. 21, 1985 — 325

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	364	15.8	71	J								

NOV. 22, 1985 — 326

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
365	14.0	39	J								
375	15.2	49	J								
376	16.1	70	J								
365	13.2	58	J								
381	10.2	48	J	6.9	-22	317	3.0	-3.1	-1.0	5	J
386	10.0	35	J	6.2	30	283	1.0	-3.4	3.6	3	J
376	9.5	41	J	6.8	5	303	3.3	-4.6	2.2	3	J
385	13.0	41	J	8.1	0	294	3.1	-6.5	2.6	2	J
383	14.4	37	J	7.4	2	308	4.2	-4.9	2.4	2	J
369	9.6	33	J	7.4	-17	327	5.7	-4.2	-0.4	2	J
376	10.0	40	J	7.2	-13	318	4.9	-4.6	0.4	2	J
377	10.6	32	J	7.1	16	305	3.4	-3.8	3.5	4	J
400	11.1	30	J	6.4	43	255	-1.2	-2.5	5.6	1	J
396	12.7	39	J	4.3	-21	269	-0.0	-1.4	-0.0	4	J
				3.3	-71	314	0.7	-1.6	-2.7	1	J

NOV. 23, 1985 — 327

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3	383	10.6	50	J	2.9	-4	325	2.1	-1.5	-0.0	1	J
4	374	8.4	34	J	3.9	0	332	3.0	-1.6	0.2	2	J
5	372	7.8	39	J	4.2	20	348	3.8	-0.5	1.5	1	J
6	368	8.3	33	J	4.9	17	345	4.4	-0.8	1.7	1	J
7	366	8.3	42	J	5.3	7	342	4.9	-1.3	1.1	1	J
8	361	7.4	55	J	4.5	2	343	4.0	-1.1	0.6	1	J
9	359	7.4	57	J	4.5	0	345	4.1	-1.0	0.4	1	J
10	360	7.9	50	J	3.9	1	343	3.4	-0.9	0.5	1	J
11	369	12.3	30	J	3.0	-1	331	2.4	-1.2	0.5	1	J
12	366	13.0	41	J	3.1	3	333	2.6	-1.1	0.7	1	J
13	361	12.0	40	J	3.2	-9	347	2.9	-0.8	-0.2	1	J
14	360	11.7	33	J	3.0	-8	335	2.4	-1.2	0.0	1	J
15	351	12.4	31	J	3.2	-6	342	2.7	-0.9	-0.0	1	J
16	356	13.4	30	J	2.7	7	344	2.5	-0.6	0.5	1	J
17												
18												
19												
20												
21												
22												
23												
24												

NOV. 24, 1985 — 328

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	330	24.5	19	J	3.5	-43	299	1.1	-2.7	-1.3	1	J
11	335	18.3	23	J	4.1	-40	309	1.0	-1.7	-0.8	4	J
12	334	15.8	26	J	4.0	-33	309	1.6	-2.5	-0.7	3	J
13	335	13.4	25	J	4.4	-27	299	1.6	-3.3	-0.4	2	J
14												
15	328	11.2	35	J	2.0	-74	272	0.0	-1.1	-1.5	1	J
16	328	11.2	36	J	2.4	17	206	-1.5	-0.6	0.7	2	J
17	333	10.2	28	J	2.6	-30	291	0.6	-1.7	-0.5	2	J
18	326	10.5	30	J	2.3	-21	276	0.2	-1.8	-0.3	2	J
19	324	10.7	29	J	2.3	-37	270	-0.0	-1.8	-1.0	1	J
20	321	12.2	29	J	2.5	-26	278	0.3	-2.2	-0.8	1	J
21												
22												
23												
24												

NOV. 25, 1985 — 329

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	320	28.7	27	J	4.3	-29	74	0.9	2.2	-2.9	2	J
11	321	23.6	24	J	5.4	72	35	1.3	2.8	4.2	2	J
12												
13												
14												
15	330	25.2	30	J	10.5	19	325	8.0	-4.4	4.8	2	J
16	319	26.1	27	J	8.2	25	295	3.1	-5.6	4.9	2	J
17	310	18.7	23	J	8.6	22	291	2.7	-6.4	4.3	2	J
18	295	15.8	29	J	7.8	7	332	6.7	-3.4	1.4	1	J
19	297	14.5	33	J	6.8	1	323	5.4	-4.0	0.5	1	J
20	307	13.8	33	J	6.1	-23	359	4.8	-0.2	-2.0	3	J
21	326	15.4	35	J	4.9	3	41	2.1	1.8	0.1	4	J
22	315	13.0	35	J	5.0	7	323	3.7	-2.8	0.5	2	J
23	304	12.4	21	J	6.3	-4	332	5.5	-2.9	-0.5	0	J
24												

NOV. 26, 1985 — 330

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	336	9.4	28	J	5.5	-21	304	2.9	-4.7	-0.2	1	J
11	333	9.6	37	J	5.3	-18	308	3.0	-4.1	0.0	2	J
12	332	9.2	33	J	5.8	-32	310	3.1	-4.6	-1.4	1	J
13	333	10.3	36	J	5.1	36	307	1.5	-1.2	2.3	4	J
14	338	10.5	32	J	5.0	21	293	1.7	-3.2	2.8	2	J
15	338	11.5	37	J	5.5	39	295	1.5	-2.3	3.8	3	J
16	341	14.0	25	J	5.5	-16	297	2.3	-4.7	-0.4	2	J
17	365	15.5	28	J	5.7	14	247	-1.8	-4.0	1.9	3	J
18	352	18.2	32	J	5.7	6	256	-1.3	-4.9	1.2	2	J
19	341	17.3	23	J	6.1	-31	299	2.5	-4.7	-2.7	2	J
20	339	18.8	19	J	5.9	-25	305	3.0	-4.4	-2.3	1	J
21	334	19.7	18	J	5.7	-22	317	3.7	-3.4	-2.0	2	J
22	336	21.7	20	J	5.3	1	315	3.5	-3.5	0.0	2	J
23	336	20.9	19	J	5.8	24	317	3.5	-3.4	2.1	2	J
24	336	22.6	18	J	5.7	6	315	3.9	-3.9	0.5	2	J

NOV. 27, 1985 — 331

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	337	24.3	18	J	6.1	12	310	3.6	-4.4	1.2	2	J
2	339	26.0	18	J	7.0	36	308	3.4	-4.3	4.2	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11	463	15.9	130	J	8.4	-2	80	1.2	6.1	-2.8	5	J
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	493	9.2	160	J	5.5	-5	163	-5.0	1.6	-0.4	1	J
24	492	9.2	203	J	5.1	1	176	-4.6	0.3	0.1	2	J

NOV. 28, 1985 — 332

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	492	9.6	205	J	5.5	-23	159	-4.1	1.6	-1.9	3	J
11	493	8.0	164	J	4.1	-4	145	-2.9	2.0	-0.3	2	J
12	492	7.0	134	J	4.5	-14	140	-3.3	2.7	-1.2	1	J
13	480	6.9	134	J	4.3	13	175	-3.8	0.4	0.8	2	J
14					4.3	23	225	-2.8	-2.5	2.1	1	J
15												
16												
17												
18												
19	407	7.3	50	J	4.0	-3	168	-3.8	0.7	-0.5	0	J
20	409	7.1	44	J	3.8	13	165	-3.4	1.1	0.5	1	J
21												
22												
23	404	11.1	36	J	3.2	14	154	-2.6	1.4	0.6	1	J
24	396	11.0	33	J	3.1	19	146	-2.3	1.6	0.8	1	J
	387	10.1	30	J	2.7	0	104	-0.4	1.6	-0.0	2	J
	379	11.2	28	J	2.9	-5	359	2.5	-0.0	-0.2	2	J
	369	12.4	22	J	2.8	-16	339	2.3	-0.9	-0.7	1	J
	359	12.2	28	J	1.0	-14	359	0.5	-0.0	-0.1	1	J
	354	13.3	32	J	1.9	-20	76	0.3	1.2	-0.4	1	J

NOV. 29, 1985 — 333

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	349	14.3	30	J	3.0	-2	35	2.0	1.4	-0.1	2	J
2	341	16.2	24	J	2.1	-5	346	1.9	-0.5	-0.2	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 4, 1985 — 338

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	480	8.2	96	J								
11	492	10.0	83	J								
12	490	10.0	82	J	6.0	10	73	1.1	3.5	-0.6	5	J
13	494	10.7	97	J	7.1	27	53	2.5	3.9	0.9	5	J
14	511	10.6	84	J	7.8	45	30	3.6	3.3	3.2	5	J
15	523	11.4	90	J	9.9	42	19	6.5	4.0	5.2	4	J
16	532	10.8	105	J	9.3	47	25	5.4	4.1	5.4	4	J
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 5, 1985 — 339

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2	553	4.2	70	J								
3	519	4.0	74	J	5.6	-4	147	-4.3	2.8	-0.4	2	J
4	520	4.2	56	J	5.7	-7	139	-3.9	3.3	-0.9	2	J
5	510	4.4	55	J	5.3	-13	149	-4.3	2.4	-1.5	1	J
6	500	3.8	61	J	6.0	9	150	-4.8	2.9	0.3	2	J
7	496	4.1	61	J	6.1	-6	150	-5.1	2.7	-1.3	1	J
8	501	4.6	68	J	6.1	-9	161	-5.5	1.6	-1.4	1	J
9	501	4.8	100	J	6.2	-12	162	-5.7	1.4	-1.8	1	J
10	494	5.0	125	J	6.2	4	149	-5.0	3.0	-0.6	1	J
11	495	5.5	120	J	6.2	5	160	-5.4	2.0	-0.2	2	J
12	497	6.4	105	J	5.4	3	160	-4.5	1.6	-0.3	2	J
13	466	6.7	56	J	6.1	-10	135	-3.9	3.4	-2.1	2	J
14	462	7.8	41	J	6.2	-5	102	-1.2	5.5	-2.1	2	J
15	458	8.1	34	J	6.0	1	96	-0.6	5.6	-1.2	1	J
16	472	7.8	76	J	5.3	-14	161	-4.5	1.3	-1.4	2	J
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 6, 1985 — 340

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	413	8.1	47	J	3.4	0	161	-2.8	0.9	-0.2	2	J
10	412	7.9	51	J	3.3	-8	167	-2.9	0.5	-0.6	1	J
11												
12												
13												
14	402	11.9	39	J	3.7	-9	77	0.8	3.1	-1.6	1	J
15	398	10.2	44	J	4.7	2	85	0.4	4.1	-0.9	2	J
16	389	10.1	61	J	4.7	-9	120	-2.1	3.4	-1.4	2	J
17	380	11.4	50	J	4.5	-2	134	-2.9	3.0	-0.6	2	J
18	382	12.8	43	J	4.6	-1	119	-1.9	3.4	-0.5	2	J
19	378	14.2	50	J	3.6	-8	124	-1.8	2.7	-0.6	2	J
20												
21												
22												
23												
24												

DEC. 7, 1985 — 341

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	373	30.7	33	J	5.3	-46	305	1.1	-2.1	-1.4	5	J
10	381	22.9	44	J	7.9	0	310	4.5	-5.1	1.7	4	J
11	389	20.9	59	J	7.8	-1	284	1.8	-7.0	2.2	2	J
12	384	19.8	76	J	8.0	12	312	5.2	-5.0	3.3	1	J
13	382	18.8	63	J	7.6	39	295	2.3	-3.5	5.6	3	J
14	377	17.3	42	J	7.4	50	309	3.0	-2.1	6.3	1	J
15	393	17.6	59	J	7.4	54	298	2.0	-2.4	6.4	2	J
16	387	14.5	64	J	7.7	31	295	2.4	-4.6	4.2	4	J
17	385	13.7	63	J	7.3	-5	302	3.5	-5.7	0.0	3	J
18	392	11.8	65	J	7.5	-10	321	5.6	-4.6	-1.0	1	J
19	382	12.2	75	J	7.2	7	311	4.5	-5.2	0.9	2	J
20	383	10.9	110	J	6.6	1	319	4.8	-4.2	-0.0	2	J
21	388	11.0	128	J	5.5	6	323	4.2	-3.2	0.3	1	J
22	382	10.5	142	J	5.7	15	331	4.7	-2.8	1.2	1	J
23												
24												

DEC. 8, 1985 — 342

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	389	24.3	35	J	1.8	-14	301	0.8	-1.5	0.0	1	J
10	388	26.2	35	J	3.1	-12	286	0.8	-2.8	0.3	1	J
11	380	26.2	33	J	4.0	-14	294	1.6	-3.7	0.2	1	J
12	382	30.2	35	J	3.0	-12	230	-1.8	-2.3	0.1	1	J
13	374	25.1	26	J	4.7	9	279	0.7	-4.0	1.9	2	J
14	365	22.2	27	J	4.7	3	293	1.6	-3.5	1.1	3	J
15	365	19.3	25	J	4.5	-7	301	2.1	-3.6	0.2	2	J
16	365	15.9	27	J	4.4	7	308	2.5	-3.1	1.0	1	J
17	361	15.0	30	J	4.4	-12	320	2.8	-2.5	-0.5	2	J
18	359	12.4	29	J	4.6	-1	284	1.0	-3.9	0.1	2	J
19	359	12.9	29	J	4.6	30	261	-0.6	-3.9	2.2	1	J
20	356	12.6	30	J	4.5	21	279	0.6	-3.7	1.2	2	J
21	362	15.8	24	J	3.5	19	278	0.4	-2.8	0.7	2	J
22	363	17.2	24	J	3.0	17	284	0.6	-2.7	0.5	1	J
23	354	17.1	32	J	3.5	15	287	0.8	-2.7	0.4	2	J
24	364	22.6	27	J	3.9	12	288	0.9	-2.9	0.3	3	J

DEC. 9, 1985 — 343

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	376	25.8	24	J	4.9	13	286	1.2	-4.3	0.6	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	376	9.2	31	J	4.0	1	303	2.0	-2.9	1.0	2	J
13	379	9.6	51	J	4.1	-16	319	2.8	-2.7	-0.4	1	J
14	376	12.2	44	J	3.8	18	312	1.9	-1.8	1.4	2	J
15	378	15.1	60	J	4.2	29	315	2.5	-2.0	2.4	1	J
16	374	17.0	37	J	3.9	30	315	2.1	-1.8	2.0	2	J
17	379	20.1	40	J	3.1	-1	345	2.9	-0.8	0.0	1	J
18	387	22.5	29	J	3.8	13	311	2.3	-2.6	0.9	1	J
19	385	27.7	34	J	3.8	19	310	2.2	-2.7	1.2	1	J
20	378	28.6	28	J	3.5	16	303	1.5	-2.3	0.7	2	J
21	374	26.1	25	J	3.3	27	273	0.1	-1.0	0.4	4	J
22	358	14.4	56	J	7.6	6	329	6.1	-3.7	0.3	3	J
23	377	16.8	45	J	8.5	18	302	3.4	-5.6	1.4	5	J
24	384	15.6	56	J	8.1	2	292	2.3	-5.6	-0.5	5	J

DEC. 10, 1985 — 344

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	370	12.4	50	J	7.8	-11	320	5.3	-4.3	-1.8	3	J
13	354	14.6	81	J	7.9	38	323	4.7	-3.9	4.3	2	J
14	359	17.6	83	J	9.6	15	335	7.9	-3.7	2.2	4	J
15	374	21.2	67	J	11.8	-15	329	9.4	-5.7	-2.8	3	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 11, 1985 — 345

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	705	4.3	129	J	5.8	40	8	3.9	0.2	3.3	3	J
2	708	3.3	132	J	6.3	-32	279	0.7	-4.1	-3.1	4	J
3	707	3.6	166	J	5.6	1	271	0.1	-5.3	-0.1	2	J
4	696	3.3	198	J	5.3	12	264	-0.4	-4.3	1.0	3	J
5	690	3.2	200	J	6.5	19	235	-3.0	-4.1	2.1	3	J
6	690	3.6	203	J	6.6	20	250	-2.0	-5.1	2.9	2	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 18, 1985 — 352

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6					5.9	-7	150	-4.3	2.4	-1.0	3	J
7	400	16.4	75	J	9.5	-33	122	-2.4	3.3	-3.7	8	J
8	431	12.8	94	J	7.7	-38	99	-0.9	4.5	-5.6	3	J
9												
10												
11												
12	442	19.1	38	J	10.9	-27	111	-2.8	6.3	-5.6	6	J
13	444	18.4	49	J	12.0	11	96	-1.0	9.9	-0.2	7	J
14	446	19.3	52	J	12.3	44	83	1.0	9.8	6.7	3	J
15	440	19.7	47	J	12.9	73	71	1.2	5.0	11.4	3	J
16	437	26.3	41	J	12.7	61	89	0.1	6.8	10.1	3	J
17	436	24.0	38	J	13.0	38	84	1.0	9.9	7.3	4	J
18												
19												
20												
21												
22												
23												
24												

DEC. 19, 1985

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												353
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	458	28.8	92	J	5.6	3	319	3.8	-3.3	-0.1	3	J
21												
22												
23												
24												

DEC. 20, 1985

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												354
2												
3												
4												
5												
6												
7												
8												
9	441	9.1	76	J	6.6	-10	291	1.9	-5.0	-0.1	4	J
10	438	9.7	68	J	7.1	-11	287	1.6	-5.4	0.0	4	J
11	414	7.5	40	J	7.4	-20	322	5.5	-4.7	-1.5	0	J
12												
13												
14												
15												
16												
17												
18	410	7.5	44	J	5.6	15	268	-0.2	-4.7	1.3	3	J
19	412	7.6	44	J	5.5	46	289	0.9	-2.9	2.9	3	J
20	416	7.7	54	J	5.8	38	267	-0.2	-4.4	2.9	2	J
21					6.0	47	299	1.3	-2.8	2.5	5	J
22	403	8.1	48	J	6.6	26	290	1.7	-5.1	1.5	3	J
23					6.2	21	289	1.6	-4.8	0.9	4	J
24												

DEC. 21, 1985

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												355
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	377	6.2	36	J	3.6	-9	300	1.7	-2.9	-1.0	1	J
21	375	6.3	30	J	3.7	-2	296	1.3	-2.5	-0.6	2	J
22	374	8.6	30	J	3.6	-26	196	-2.9	-0.5	-1.6	1	J
23	372	9.0	33	J	3.7	-6	338	0.3	-0.1	-0.1	4	J
24	367	8.1	37	J	3.6	7	354	3.5	-0.4	0.3	1	J

DEC. 22, 1985

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												356
2	357	12.7	51	J	4.4	2	335	3.8	-1.8	-0.2	1	J
3	360	15.1	50	J	2.4	-22	337	2.0	-0.7	-1.0	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 23, 1985

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1	403	8.2	51	J	3.0	33	94	-0.1	1.7	1.7	2	J
2	400	8.9	39	J	4.7	21	279	0.6	-3.9	0.8	3	J
3	410	10.1	34	J	5.0	30	239	-2.2	-3.9	1.9	1	J
4	407	10.9	39	J	5.1	61	219	-1.8	-1.8	4.0	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 24, 1985

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												358
2					7.2	-27	303	1.6	-2.1	-2.1	6	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 29, 1985

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												363
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					5.2	23	162	-3.8	1.4	1.5	2	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 30, 1985

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												364
2												
3												
4												
5												
6												
7												
8					9.6	-19	164	-7.1	1.9	-2.6	5	J
9					9.5	-34	181	-7.5	-0.6	-5.1	2	J
10												
11					10.2	14	161	-8.5	3.2	1.8	4	J
12	612	9.6	298	J	9.2	-17	148	-6.9	3.9	-3.1	4	J
13	621	9.8	318	J	8.6	54	185	-4.5	0.5	6.2	4	J
14	597	9.3	323	J	8.8	22	183	-7.6	-0.0	3.1	3	J
15	594	8.2	289	J	8.9	-26	154	-6.1	2.7	-3.6	5	J
16	609	6.6	280	J	10.7	-23	138	-6.4	5.6	-3.9	5	J
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 31, 1985 — 365

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6	685	4.7	252	J	5.6	-32	124	-2.6	3.9	-2.8	1	J
7	660	4.8	227	J	6.0	-8	133	-3.6	3.8	-0.9	3	J
8	680	4.7	250	J	6.5	17	117	-2.4	4.8	1.2	3	J
9	647	4.3	177	J	6.8	-8	160	-5.6	1.9	-1.1	3	J
10	634	3.9	134	J	5.6	-1	165	-4.1	1.1	-0.2	4	J
11					6.0	58	197	-3.0	-0.2	5.1	1	J
12					6.2	-30	228	-3.6	-4.4	-2.5	0	J
13	628	4.4	147	J	6.3	-28	177	-4.8	-0.0	-2.5	3	J
14	641	5.1	268	J	6.2	-25	148	-3.8	2.2	-2.3	4	J
15	652	5.3	304	J	5.6	-21	136	-3.4	3.2	-1.9	2	J
16	649	4.6	122	J	5.7	-23	160	-4.7	1.7	-2.1	2	J
17	658	3.9	159	J	5.0	-15	157	-3.8	1.7	-1.0	2	J
18	657	3.5	102	J	4.8	-8	172	-4.3	0.7	-0.5	2	J
19												
20												
21												
22												
23												
24												

JAN. 1, 1986 — 1

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
721	4.6	150	J	5.4	-15	126	-2.6	3.6	-1.3	2	J
730	4.4	206	J	5.0	-4	133	-1.6	1.7	-0.3	4	J
739	4.9	171	J	5.5	-33	127	-2.0	2.4	-2.4	4	J
678	5.1	160	J	6.0	-35	189	-4.4	-1.1	-3.0	2	J
658	5.3	171	J	6.5	-15	201	-5.6	-2.3	-1.3	2	J
639	5.9	211	J	6.2	0	177	-5.7	0.3	-0.0	2	J
633	5.4	134	J	6.2	6	188	-5.6	-0.7	0.7	3	J
661	6.1	254	J	7.0	-12	138	-3.9	3.4	-1.3	5	J
662	5.7	235	J	7.0	-22	149	-3.9	2.3	-1.9	5	J
651	5.1	217	J	7.0	-3	137	-4.7	4.4	-0.2	3	J
710	5.5	301	J	6.7	-14	131	-2.3	2.7	-0.7	6	J
735	4.8	294	J	4.9	8	172	-3.5	0.4	0.6	3	J
715	4.7	201	J	5.6	2	142	-3.6	2.8	0.7	3	J
743	4.4	316	J	4.8	-8	128	-2.3	3.0	0.1	3	J
712	4.6	244	J	5.6	12	170	-5.0	0.6	1.3	2	J

JAN. 2, 1986 — 2

1											
2											
3											
4											
5											
6											
7											
8	748	3.4	245	J	4.6	46	85	0.2	2.5	2.3	3	J
9	723	3.6	177	J	4.5	5	152	-2.8	1.5	0.1	3	J
10	743	3.3	200	J	4.2	52	236	-1.2	-1.5	3.0	2	J
11	725	3.1	185	J	3.7	16	201	-2.3	-0.8	0.8	3	J
12	729	3.2	193	J	4.0	-43	196	-2.2	-0.9	-2.0	2	J
13	727	3.3	125	J	3.9	-30	174	-2.4	0.1	-1.4	3	J
14	719	2.9	112	J	3.6	-20	153	-2.5	1.2	-1.1	2	J
15	724	2.7	128	J	3.5	-29	155	-2.6	1.2	-1.6	1	J
16												
17	679	1.9	121	J	4.5	-12	149	-3.7	2.3	-0.7	1	J
18					4.6	-14	167	-3.8	1.0	-0.8	2	J
19	626	2.6	80	J	4.2	-13	155	-3.5	1.8	-0.6	1	J
20	638	2.8	75	J	4.4	10	150	-3.7	1.9	1.2	1	J
21					3.9	8	133	-2.5	2.4	1.2	1	J
22	644	2.5	106	J	4.0	-2	114	-1.4	3.0	0.8	2	J
23	641	2.4	138	J	3.7	0	119	-1.1	1.9	0.6	3	J
24					3.6	3	161	-3.4	1.1	0.5	0	J

JAN. 3, 1986 — 3

510	5.0	70	J	4.4	-25	168	-3.8	0.6	-1.9	1	J
502	6.6	99	J	4.2	-26	159	-3.4	1.1	-1.9	1	J
498	7.0	127	J	4.3	-14	181	-3.9	-0.2	-1.0	1	J
510	7.6	85	J	4.5	4	219	-3.0	-2.4	0.5	2	J
510	8.4	73	J	4.8	12	198	-3.7	-1.1	0.9	3	J
512	6.6	79	J	4.9	-32	182	-2.9	-0.2	-1.8	4	J
528	6.3	144	J	4.3	-26	196	-3.2	-0.9	-1.6	2	J
536	6.1	153	J	3.4	18	146	-1.7	1.1	0.7	3	J
529	6.0	128	J	3.2	37	203	-1.5	-0.8	1.2	2	J
533	5.5	122	J	3.4	71	220	-0.6	-0.9	2.4	2	J
545	4.9	111	J	2.2	46	149	-0.7	0.3	0.9	2	J
514	4.6	76	J	3.1	45	185	-0.8	-0.3	0.8	3	J
485	4.0	83	J	2.9	-1	189	-2.7	-0.4	-0.2	1	J
501	5.2	75	J	3.3	33	177	-1.4	-0.2	0.9	3	J
504	5.0	67	J	2.9	14	205	-2.0	-1.1	0.2	2	J
494	4.6	90	J	2.8	5	163	-2.5	0.6	0.5	1	J

JAN. 4, 1986 — 4

1	475	5.8	59	J	2.7	-1	146	-1.5	1.0	0.3	2	J
2	470	5.8	49	J	3.6	-46	155	-1.6	1.2	-1.6	2	J
3	489	5.3	78	J	3.4	-45	134	-1.4	1.8	-1.6	2	J
4												
5												
6												
7												
8												
9												
10	447	4.8	53	J	3.6	7	197	-3.3	-1.0	0.5	1	J
11	438	5.4	57	J	3.8	20	207	-2.9	-1.4	1.4	1	J
12	425	5.4	81	J	3.4	-5	192	-3.1	-0.7	-0.2	1	J
13	427	5.3	61	J	3.2	-1	161	-2.4	0.8	-0.1	2	J
14	430	5.1	57	J	3.0	46	150	-1.6	1.0	1.8	1	J
15	410	4.9	40	J	3.0	12	165	-2.6	0.7	0.6	1	J
16	396	5.9	50	J	3.3	20	160	-2.7	1.0	1.1	1	J
17	403	8.9	37	J	3.3	24	152	-2.3	1.1	1.2	2	J
18	406	10.8	22	J	2.8	42	165	-1.8	0.2	1.7	1	J
19	399	9.9	22	J	3.0	9	136	-2.0	1.8	0.8	1	J
20	388	11.3	20	J	1.6	-44	158	-1.0	0.6	-0.9	1	J
21	385	10.9	23	J	1.8	-60	294	0.3	-0.3	-1.2	1	J
22	392	8.3	28	J	2.5	-26	327	1.2	-0.5	-0.9	2	J
23	386	8.8	27	J	2.5	-50	347	1.3	0.2	-1.5	1	J
24	404	6.8	40	J	2.0	-7	141	-1.4	1.1	0.1	1	J

JAN. 5, 1986 — 5

406	7.0	35	J	2.2	49	352	0.6	-0.3	0.6	2	J
394	6.4	38	J	3.6	29	348	3.1	-1.1	1.5	0	J
381	7.8	27	J	2.8	26	355	2.4	-0.5	1.1	1	J
371	9.8	22	J	2.3	36	346	1.6	-0.6	1.1	1	J
370	10.1	21	J	2.4	21	317	1.6	-1.6	0.6	0	J

JAN. 6, 1986 — 6

1	349	14.0	20	J	2.8	-37	160	-1.9	1.1	-1.2	1	J
2	348	13.9	19	J	3.2	-11	77	0.6	2.4	0.2	2	J
3					4.7	20	358	3.5	-0.4	1.2	3	J
4					7.8	32	350	3.6	-1.1	2.1	5	J
5					6.2	26	340	3.1	-1.3	1.5	4	J
6					6.4	0	162	-2.7	0.9	0.1	5	J
7					5.3	20	159	-3.0	1.1	1.2	3	J
8												
9												
10												
11												
12												
13												
14												
15												
16	342	50.0	23	J								
17	347	43.7	28	J								
18	354	49.0	32	J								
19	354	58.4	37	J								
20												
21												
22												
23												
24												

JAN. 11, 1986 — 11

388	10.4	24	J	3.3	-2	182	-3.1	-0.1	-0.1	1	J
				2.7	4	198	-2.2	-0.7	0.2	1	J
				2.6	-4	176	-2.2	0.2	-0.1	1	J
361	11.6	18	J	2.1	38	171	-1.4	0.1	1.1	1	J
355	10.8	19	J	2.3	46	133	-0.9	0.8	1.6	1	J
352	11.5	20	J	2.3	29	134	-1.3	1.1	1.3	1	J
350	12.2	19	J	2.5	-4	165	-2.3	0.6	-0.0	1	J
358	14.1	20	J	3.0	-17	179	-2.6	0.3	-0.7	2	J
361	15.2	14	J	2.7	-7	164	-2.6	0.8	-0.1	1	J
353	13.9	16	J	2.1	-6	158	-1.8	0.8	0.0	1	J
353	14.9	20	J	2.4	3	159	-2.0	0.7	0.3	1	J

419	5.5	87	J								
424	4.4	67	J								
418	5.1	49	J	4.3	14	343	3.7	-1.1	1.0	1	J
416	4.9	45	J	3.8	-1	3	3.5	0.2	-0.1	1	J
420	4.7	50	J	3.8	3	12	3.7	0.8	0.2	1	J
419	6.3	37	J	3.6	24	353	3.2	-0.3	1.4	1	J
425	8.1	29	J	2.9	32	338	2.3	-0.9	1.5	0	J

JAN. 12, 1986

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												12
2												
3												
4	377	8.9	28	J	5.1	4	304	2.5	-3.7	-0.6	2	J
5	383	9.5	43	J	3.7	12	298	1.4	-2.7	0.2	2	J
6	378	10.3	44	J	4.1	-9	331	2.7	-1.4	-0.7	3	J
7	376	10.1	29	J	4.7	-24	355	4.3	-0.3	-1.9	1	J
8	375	10.0	30	J	4.6	-28	14	3.9	1.0	-2.1	1	J
9												
10												
11	374	10.8	35	J	4.4	2	358	4.4	-0.1	0.2	1	J
12	366	11.3	46	J	4.2	-9	14	4.0	1.0	-0.7	1	J
13	366	10.7	44	J	4.2	-1	9	4.0	0.6	-0.1	0	J
14	363	10.4	51	J	3.9	-2	352	3.9	-0.5	-0.1	1	J
15	361	10.9	54	J	4.0	4	358	4.0	-0.2	0.3	0	J
16	359	10.1	47	J	3.8	5	356	3.8	-0.3	0.3	0	J
17												
18												
19												
20												
21												
22												
23												
24												

JAN. 13, 1986

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
											13
359	13.8	28	J	3.5	-9	196	-3.1	-0.9	-0.5	1	J
365	13.9	19	J	3.7	1	197	-3.3	-1.0	0.1	1	J
363	16.0	21	J	3.1	4	183	-3.0	-0.1	0.2	1	J
361	15.8	22	J	3.3	-8	184	-3.3	-0.2	-0.5	0	J
354	15.2	23	J	3.4	28	190	-3.0	-0.5	1.6	0	J
345	15.5	22	J	3.1	38	172	-2.4	0.3	1.9	1	J
342	15.5	22	J	3.1	50	173	-1.9	0.1	2.3	1	J
343	16.0	25	J	3.0	11	163	-2.6	0.7	0.6	1	J
345	15.5	28	J	1.8	66	146	-0.4	0.1	1.0	2	J
344	12.8	24	J	4.7	41	334	3.1	-2.1	2.6	2	J
349	15.9	25	J	3.0	51	335	1.5	-1.2	1.8	2	J

JAN. 14, 1986

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												14
2												
3												
4												
5												
6												
7	342	11.0	28	J	2.5	3	196	-2.4	-0.7	0.1	1	J
8	349	9.6	24	J	3.0	-16	140	-2.1	1.8	-0.8	1	J
9	345	9.8	23	J	3.1	-13	143	-2.4	1.8	-0.7	0	J
10	339	11.4	28	J	3.3	0	142	-2.5	2.0	-0.1	1	J
11	338	15.5	18	J	1.9	20	201	-1.1	-0.4	0.5	1	J
12	336	19.3	14	J	2.4	8	274	0.1	-2.1	0.4	1	J
13	334	18.8	15	J	2.2	29	337	1.4	-0.6	0.9	1	J
14	329	19.9	14	J	2.2	32	261	-0.2	-1.3	0.8	2	J
15	331	18.0	14	J	3.3	37	315	1.7	-1.8	1.7	1	J
16	337	14.3	23	J	3.7	9	184	-1.4	-0.1	0.2	4	J
17	345	11.2	28	J	3.8	-26	184	-3.1	0.0	-1.5	1	J
18	344	9.5	34	J	3.3	13	156	-2.5	1.0	0.9	2	J
19					2.0	2	120	-0.5	0.8	0.3	2	J
20					1.5	45	168	-0.6	-0.1	0.6	1	J
21					1.8	6	142	-1.0	0.7	0.4	1	J
22					2.1	10	191	-1.9	-0.5	0.2	1	J
23												
24												

JAN. 15, 1986

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
											15
				2.9	32	337	2.0	-0.9	1.3	2	J
341	26.8	21	J	3.4	53	44	0.9	0.8	1.6	3	J
339	33.8	24	J	7.9	16	103	-1.6	6.9	1.8	3	J
334	28.1	24	J	7.7	-41	129	-3.3	3.9	-4.7	4	J
331	26.9	29	J	7.0	-3	103	-0.7	3.2	-0.2	6	J
336	21.5	37	J	5.9	-37	126	-1.8	2.4	-2.3	5	J
337	19.3	41	J	3.5	-15	212	-1.8	-1.1	-0.6	3	J
339	16.3	45	J	4.9	49	300	1.3	-2.5	2.9	3	J
347	14.5	72	J	5.7	-25	77	1.0	4.4	-1.5	3	J
352	12.3	63	J	6.7	-25	109	-1.9	6.0	-1.8	2	J
357	13.6	57	J	6.2	-14	101	-1.0	5.5	-0.2	3	J
348	12.7	38	J	6.4	1	102	-1.2	5.3	1.6	3	J
352	13.5	52	J	5.6	51	141	-0.9	0.3	1.6	5	J
370	10.3	54	J	3.9	-28	111	-0.7	2.0	-0.3	3	J
377	9.5	43	J	5.0	13	133	-3.3	2.8	2.3	1	J
375	8.4	38	J	4.9	42	134	-2.3	1.0	3.6	2	J
380	8.0	33	J	4.7	47	124	-1.8	1.1	4.1	1	J

JAN. 16, 1986

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												16
2					4.4	26	109	-1.3	2.7	3.2	0	J
3												
4												
5												
6												
7												
8												
9	375	6.4	26	J	4.3	-21	165	-3.8	1.0	-1.5	0	J
10	378	5.6	35	J	4.9	-11	164	-4.5	1.3	-0.9	1	J
11	376	4.8	34	J	5.5	-2	167	-5.4	1.2	-0.2	0	J
12	368	4.3	37	J	4.9	-2	176	-4.8	0.3	-0.2	1	J
13	368	4.8	34	J	4.9	3	174	-4.9	0.5	0.3	0	J
14	364	4.7	36	J	5.1	1	171	-4.9	0.8	0.1	0	J
15												
16	355	6.6	62	J	4.7	-3	172	-4.6	0.7	-0.2	0	J
17	355	7.9	62	J	5.2	3	160	-4.9	1.7	0.6	1	J
18	350	8.1	72	J	5.7	-2	155	-5.2	2.4	0.3	1	J
19	351	9.8	54	J	4.5	24	142	-2.7	1.6	2.1	3	J
20	355	10.9	34	J	4.3	51	357	2.6	-1.1	3.0	2	J
21	334	10.4	20	J	5.4	-10	157	-4.8	2.2	-0.1	1	J
22	332	10.3	24	J	5.2	1	159	-4.9	1.7	0.8	1	J
23	330	10.9	25	J	5.1	1	152	-4.3	2.1	1.0	1	J
24	328	12.0	28	J	4.9	-2	153	-4.3	2.1	0.7	1	J

JAN. 17, 1986

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
											17
331	13.1	26	J	4.7	10	162	-4.3	1.0	1.3	1	J
332	17.1	18	J	4.0	6	159	-3.6	1.2	0.9	0	J
331	19.6	18	J	4.0	-7	150	-3.4	2.0	0.2	1	J
334	26.0	13	J	5.1	-6	143	-4.1	3.1	0.3	0	J
320	31.4	16	J	3.7	-5	323	2.8	-2.1	-0.3	2	J
321	19.2	23	J	8.1	7	332	6.7	-3.6	1.0	3	J
317	18.5	25	J	8.6	27	343	7.2	-2.1	3.8	2	J
335	15.3	33	J	8.3	47	331	4.8	-2.7	5.8	2	J
337	15.3	40	J	7.7	59	306	2.2	-3.2	6.0	3	J
338	19.4	35	J	7.2	74	332	1.2	-1.0	4.6	5	J
334	18.7	35	J	9.2	34	313	4.1	-4.9	3.5	6	J
342	18.7	70	J	8.3	21	314	5.0	-5.6	1.8	3	J
365	17.4	115	J	6.7	-1	324	4.6	-3.2	-0.9	4	J
392	13.8	131	J	7.2	-19	290	2.3	-5.3	-3.9	2	J
379	15.7	127	J	6.9	-11	300	3.1	-4.7	-2.9	3	J
377	17.2	119	J	6.8	-7	290	2.0	-4.9	-2.6	4	J
389	16.7	145	J	6.0	-6	318	3.9	-3.0	-1.9	3	J
380	15.1	132	J	7.7	-2	318	4.9	-4.0	-2.0	4	J
382	14.2	136	J	7.5	1	309	4.2	-4.7	-1.9	3	J

JAN. 18, 1986

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	372	12.4	101	J	8.0	37	319	4.2	-4.9	2.4	4	J
2	381	11.6	110	J	8.4	9	290	2.5	-6.8	-1.4	4	J
3	387	10.6	106	J	9.3	11	286	2.4	-8.4	-1.1	3	J
4	384	10.4	99	J	8.6	46	300	2.8	-6.3	4.3	3	J
5	382	12.1	108	J	7.5	49	326	3.7	-3.6	4.5	3	J
6												
7												
8												
9												
10												
11												
12												
13	362	11.2	69	J								
14	363	10.4	69	J								
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JAN. 24, 1986

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
											24
556	5.1	121	J								
533	4.9	130	J	7.0	-19	170	-6.0	1.1	-2.0	3	J
534	4.9	110	J	7.2	-16	151	-5.1	2.9	-1.6	4	J
530	4.4	100	J	7.4	-20	140	-4.8	4.1	-2.1	3	J
518	4.3	86	J	6.9	-11	165	-6.2	1.7	-1.1	2	J
515	4.5	101	J	7.3	-16	172	-6.9	1.1	-1.9	0	J

JAN. 25, 1986

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4	474	27.7	105	J	7.8	3	110	-2.4	6.1	2.4	4	J
5	473	30.8	113	J	8.3	25	62	2.1	3.2	3.0	7	J
6	454	32.2	111	J	7.5	18	115	-2.0	3.8	2.3	6	J
7	481	22.0	123	J	10.3	42	49	3.0	2.8	4.5	8	J
8	529	9.1	292	J	8.7	22	109	-1.5	4.3	2.4	7	J
9	547	9.5	264	J	9.3	0	117	-4.0	7.8	0.5	3	J
10												
11	585	13.5	350	J	8.1	38	82	0.8	5.5	4.6	4	J
12	578	12.0	271	J	9.9	71	82	0.4	2.5	8.5	5	J
13	603	11.2	250	J	7.5	9	110	-1.6	4.3	1.0	6	J
14	621	8.5	239	J	6.8	27	149	-2.6	1.4	1.7	6	J
15	642	6.2	219	J	8.9	-4	129	-4.9	6.1	0.2	4	J
16	659	4.8	171	J	7.9	-3	146	-6.1	4.1	0.3	2	J
17	677	3.8	167	J	7.1	-17	163	-6.0	2.2	-1.5	3	J
18												
19												
20												
21												
22												
23												
24												

JAN. 26, 1986

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
741	3.6	213	J	4.6	16	182	-4.3	-0.5	1.2	1	J
769	3.2	189	J	4.4	12	166	-3.1	0.6	0.8	3	J
778	2.6	175	J	4.0	20	118	-1.3	2.2	1.4	3	J
770	1.4	167	J	4.1	21	134	-2.1	2.0	1.4	2	J
				4.3	24	161	-3.0	0.9	1.5	2	J
722	2.4	114	J	4.3	15	200	-3.4	-1.3	0.9	2	J
733	2.7	142	J	4.2	27	139	-1.6	1.4	1.1	3	J
734	3.0	192	J	4.2	0	108	-1.2	3.7	0.2	2	J
733	3.0	116	J	4.6	-13	145	-3.0	2.1	-0.7	3	J
699	2.5	166	J	4.9	4	169	-3.9	0.7	0.4	3	J
666	2.5	136	J	4.9	1	154	-3.8	1.8	0.3	3	J
670	2.7	119	J	5.1	19	149	-3.4	1.8	1.7	3	J
674	2.9	119	J	5.2	15	151	-3.9	1.8	1.7	2	J
666	3.0	104	J	5.5	27	144	-3.4	1.8	2.7	3	J
635	2.8	78	J	5.9	3	155	-4.9	2.1	1.0	2	J
646	3.1	120	J	6.0	39	131	-2.9	1.8	4.6	2	J

JAN. 27, 1986

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6	671	6.6	287	J	9.0	-37	145	-3.5	3.1	-2.6	7	J
7	669	6.5	322	J	7.0	-55	188	-3.6	0.3	-5.3	3	J
8	683	7.4	369	J	6.2	-34	188	-2.1	-0.1	-1.4	6	J
9	674	6.6	330	J	6.5	5	155	-4.3	2.0	0.6	4	J
10	693	6.6	343	J	7.8	-7	139	-5.3	4.7	-0.6	3	J
11	712	6.9	407	J	8.6	4	149	-5.5	3.3	0.6	6	J
12	703	7.6	381	J	9.4	-10	119	-3.6	6.5	-1.0	6	J
13	696	7.0	357	J	10.1	-10	122	-4.3	6.9	-0.9	6	J
14	717	6.1	382	J	8.5	-31	125	-3.7	5.7	-3.3	4	J
15	773	3.8	262	J	4.6	-18	121	-1.7	3.0	-0.7	3	J
16	783	4.0	255	J	4.6	-12	122	-1.5	2.4	-0.1	4	J
17	782	4.1	269	J	4.5	-37	135	-1.7	2.1	-1.4	3	J
18	753	4.3	389	J	4.5	15	169	-2.7	0.3	0.8	3	J
19	787	3.8	250	J	4.7	59	158	-1.2	-0.3	2.2	4	J
20	788	3.8	258	J	4.3	-7	119	-1.3	2.4	0.6	3	J
21	790	4.2	362	J	4.7	11	154	-2.8	1.0	1.1	3	J
22	785	4.6	313	J	5.1	-40	141	-1.9	2.3	-1.2	4	J
23	757	4.6	229	J	5.1	-22	137	-2.6	2.9	-0.2	3	J
24												

JAN. 28, 1986

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
792	4.5	355	J	7.2	-8	129	-2.5	3.1	-0.2	6	J
783	3.6	376	J	5.4	14	155	-3.1	1.4	1.0	4	J
794	2.9	202	J	5.8	-21	108	-1.5	4.8	-1.6	2	J
774	3.2	212	J	5.2	-33	131	-2.0	2.4	-1.8	4	J
759	3.6	228	J	5.7	-16	122	-2.7	4.4	-1.2	2	J
759	3.6	152	J	5.7	-16	126	-3.0	4.2	-1.1	2	J
755	4.1	162	J	5.9	-13	128	-3.0	3.9	-0.7	3	J
730	4.4	139	J	6.2	3	156	-5.6	2.4	0.7	1	J
681	4.2	220	J	6.9	-10	157	-5.6	2.6	-0.5	3	J
739	4.2	209	J	6.0	-1	141	-4.2	3.3	0.9	3	J
697	4.3	228	J	6.4	-12	159	-5.3	2.3	-0.4	3	J
718	4.1	180	J	6.8	-28	166	-5.6	2.5	-2.3	2	J
731	2.5	151	J	5.4	-34	131	-2.7	3.9	-1.2	2	J
694	2.3	100	J	5.2	-17	165	-4.6	1.8	-0.8	1	J
704	2.3	103	J	5.6	-4	176	-5.0	0.5	-0.2	3	J
712	2.0	88	J	4.9	-23	166	-4.3	1.8	-1.2	1	J

JAN. 29, 1986

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	715	1.8	86	J	5.1	-11	179	-4.6	0.5	-0.8	2	J
2	697	1.8	106	J	4.4	5	190	-3.3	-0.7	0.0	3	J
3												
4												
5												
6												
7												
8												
9												
10	706	3.3	184	J	6.2	-14	161	-4.6	1.7	-1.1	4	J
11	746	3.9	210	J	5.8	22	109	-1.4	4.0	2.0	3	J
12	750	3.9	225	J	6.0	15	91	-0.1	5.0	1.7	3	J
13	736	4.3	216	J	6.1	2	93	-0.3	5.5	0.6	3	J
14	738	3.7	180	J	5.6	-23	101	-0.9	4.7	-1.4	2	J
15	714	3.6	143	J	5.7	-10	115	-2.2	4.8	-0.2	2	J
16	720	3.9	146	J	5.9	-7	96	-0.5	5.1	0.4	3	J
17	714	3.9	154	J	5.8	-6	105	-1.3	4.9	0.7	3	J
18	694	4.2	119	J	6.0	-14	128	-3.5	4.7	-0.0	1	J
19	682	4.0	115	J	6.1	-17	142	-4.4	3.9	-0.4	2	J
20	680	4.2	137	J	5.7	-6	155	-5.0	2.4	0.4	1	J
21	695	3.7	151	J	5.1	-20	122	-2.2	3.8	0.1	2	J
22	691	3.9	221	J	4.7	-16	139	-2.0	1.9	0.1	4	J
23	697	3.8	229	J	4.4	7	142	-2.7	1.7	1.4	3	J
24	675	3.4	268	J	4.7	39	172	-3.1	-0.8	2.4	2	J

JAN. 30, 1986

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
665	3.4	235	J	4.4	12	167	-4.0	0.4	1.2	1	J
679	3.7	182	J	4.6	-43	179	-2.7	1.1	-2.3	3	J
658	3.9	200	J	4.8	3	143	-3.2	2.1	1.1	3	J
650	3.9	106	J	4.5	-5	153	-3.5	1.8	0.3	2	J
588	3.8	221	J	7.1	-10	169	-6.9	1.4	-1.1	1	J
598	4.2	164	J	6.4	-4	162	-6.0	2.0	-0.3	1	J
608	4.9	174	J	5.6	-1	156	-4.3	1.9	0.1	3	J
638	4.4	137	J	5.5	23	359	4.9	-0.3	2.0	2	J
635	5.8	174	J	4.9	29	42	1.8	1.4	1.6	4	J
641	5.0	161	J	4.5	20	67	1.4	2.9	1.9	2	J
642	4.6	142	J	3.6	-16	141	-1.3	1.1	-0.2	3	J
629	4.1	127	J	3.6	-2	139	-2.3	1.9	0.5	2	J
647	3.3	173	J	3.0	18	160	-1.7	0.4	0.8	2	J
648	3.1	163	J	2.4	-2	172	-1.9	0.3	0.0	1	J
639	3.0	133	J	2.6	-11	155	-2.0	1.1	0.0	1	J
626	3.2	86	J	3.2	-20	136	-2.0	2.1	-0.0	1	J
610	3.3	116	J	3.6	-27	144	-2.5	2.4	-0.6	1	J
597	3.1	112	J	3.8	-14	137	-2.5	2.4	0.3	2	J

JAN. 31, 1986

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	595	3.1	100	J	3.3	17	80	0.5	2.0	1.9	2	J
2	603	2.9	148	J	2.8	10	187	-2.1	-0.4	0.2	2	J
3	589	3.4	110	J	3.6	-2	158	-2.6	1.0	0.3	2	J
4	579	3.2	100	J	4.1	-28	163	-2.4	1.2	-1.0	3	J
5	573	3.6	91	J	4.2	-22	150	-3.1	2.1	-0.8	2	J
					4.2	-17	125	-1.9	2.9	-0.3	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

FEB. 5, 1986

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
365	21.3	36	J	3.5	15	314	1.7	-1.9	0.5	2	J

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FEB. 6, 1986 — 37

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
3	357	9.3	31	J	3.5	11	304	1.5	-2.3	-0.5	2	J
4	353	10.9	24	J	2.8	12	286	0.4	-1.4	-0.2	2	J
5	352	12.0	18	J	2.2	44	238	-0.8	-1.8	1.0	1	J
6	354	14.9	23	J	3.0	16	265	-0.2	-2.8	0.0	1	J
7	354	16.4	19	J	3.2	21	270	-0.0	-2.5	0.4	2	J
9	352	13.9	16	J	4.0	38	210	-2.7	-1.9	2.2	0	J
10	353	15.5	24	J	3.5	32	225	-1.9	-2.0	1.4	2	J
11	345	19.2	19	J	3.3	-19	334	2.5	-1.1	-1.1	2	J
12	361	15.1	29	J	5.6	-22	322	3.9	-2.8	-2.3	2	J
13	367	12.8	45	J	4.2	-9	306	2.2	-2.7	-0.9	3	J
14	428	27.3	142	J	5.9	9	296	2.0	-4.1	0.1	4	J
15	434	37.0	114	J	9.8	18	302	4.6	-7.8	1.4	4	J

FEB. 7, 1986 — 38

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
4	465	27.3	95	J	5.7	5	159	-4.5	1.4	1.0	3	J
5	470	20.4	81	J	8.1	-48	201	-4.9	0.1	-6.1	2	J
6	474	19.9	58	J	8.8	-52	237	-2.9	-2.4	-7.8	2	J
7	499	6.4	43	J	13.1	52	16	7.7	-0.1	10.5	2	J
8	499	5.0	35	J	14.2	55	13	7.9	-0.2	11.8	1	J
11	481	15.8	61	J	12.2	-55	260	-1.2	-5.7	-10.6	1	J
12	470	16.6	41	J	11.6	-41	283	1.9	-7.4	-8.3	2	J
13	478	11.3	53	J	14.1	-60	271	0.1	-5.3	-12.7	3	J
14	493	8.6	49	J	14.1	-64	263	-0.7	-3.8	-12.8	5	J
15	485	12.1	50	J	10.8	-48	288	2.1	-4.9	-8.8	3	J
16	533	17.9	77	J	16.6	-22	323	11.2	-6.8	-7.5	11	J
17	653	15.3	98	J	31.1	-18	317	17.0	-12.9	-11.8	19	J
18	783	18.4	269	J	26.3	-15	132	-15.9	18.8	0.0	10	J

FEB. 8, 1986 — 39

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
5	872	4.9	143	J	16.0	-2	322	11.3	-8.2	-3.4	5	J
6	840	5.2	110	J	15.6	-12	301	7.7	-11.4	-6.6	3	J
7					14.2	-35	276	1.1	-8.5	-9.5	6	J
8	811	5.2	67	J	13.3	-43	235	-5.5	-6.1	-10.2	2	J
16	881	4.3	262	J	25.7	-47	193	-16.7	0.8	-18.8	5	J
17	892	1.3	280	J	22.0	-42	186	-16.0	2.7	-14.3	4	J
18					23.3	-42	103	-3.7	20.0	-8.3	10	J
19	0	0.0	0	J	21.6	20	70	4.9	10.2	10.0	16	J
20					20.7	19	52	10.0	9.1	10.6	12	J
21	0	0.0	0	J	22.4	-56	221	-7.7	1.1	-16.6	13	J

FEB. 9, 1986 — 40

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
7	926	19.3	82	J	21.3	40	142	-12.7	6.5	15.5	3	J
8					21.1	41	143	-12.7	6.9	15.4	2	J
10	850	11.3	89	J	21.6	32	156	-16.7	5.9	12.3	1	J
11					20.7	36	167	-16.2	2.3	12.5	2	J
12	0	0.0	0	J	20.3	38	169	-15.6	1.5	12.7	1	J
13	802	7.1	105	J	19.7	43	163	-13.8	2.3	13.9	1	J
14	763	9.2	78	J	19.9	41	186	-14.9	-3.7	12.5	2	J
15	737	8.7	113	J	19.4	38	206	-13.5	-8.8	10.1	4	J
16	736	4.3	96	J	20.2	41	204	-13.9	-9.3	11.2	2	J
17	757	3.5	83	J	20.2	39	219	-12.1	-13.2	9.1	2	J
18	757	3.4	116	J	20.6	46	237	-7.7	-16.2	9.6	4	J
19	831	7.9	164	J	9.6	33	33	5.5	1.6	5.3	6	J
20					7.6	32	84	0.6	3.7	6.0	3	J
21					4.5	-4	61	2.0	3.4	1.5	2	J
22	0	0.0	0	J	4.6	-18	85	0.4	4.2	0.8	2	J
23	881	3.2	108	J	4.0	-8	54	2.0	2.6	1.0	2	J
24	888	1.6	87	J	4.4	1	24	3.8	1.4	0.9	1	J

FEB. 10, 1986 — 41

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	822	1.9	78	J	4.5	3	16	4.1	0.9	0.8	1	J
8					3.2	62	191	-1.4	-0.8	2.5	1	J
17					4.4	12	142	-3.4	2.2	1.7	0	J
18	608	0.8	59	J	4.3	7	144	-3.4	2.1	1.3	1	J
22	595	2.2	106	J	4.3	8	126	-2.4	2.6	2.1	1	J
23					4.5	3	160	-3.9	1.1	0.9	2	J
24	572	7.0	64	J	3.7	33	55	1.2	0.8	2.0	3	J

FEB. 11, 1986 — 42

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	561	7.9	50	J	3.8	25	360	3.4	-0.8	1.4	1	J
2	551	6.3	39	J	3.7	6	340	3.3	-1.2	-0.2	1	J
3					3.5	6	342	3.3	-1.1	-0.1	0	J
17					5.9	24	295	2.2	-5.2	0.8	2	J
18					6.0	3	310	2.2	-2.5	-0.8	5	J
24					5.8	50	289	1.1	-4.7	1.8	3	J

FEB. 12, 1986 — 43

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	583	5.6	115	J	6.1	-2	271	0.1	-4.1	-2.6	4	J
2	575	5.5	122	J	6.1	5	284	1.2	-4.3	-1.9	4	J
3	567	5.4	110	J	5.8	-5	290	1.7	-4.1	-2.5	3	J
4	530	5.3	108	J	6.0	-1	334	4.9	-2.2	-1.1	2	J
5	541	5.8	135	J	6.0	0	313	3.6	-3.6	-1.4	3	J
15	501	5.0	78	J	4.9	15	326	3.8	-2.7	0.6	1	J
16	504	5.6	72	J	5.5	-30	299	2.2	-3.1	-3.5	2	J
17	507	5.4	110	J	5.2	-42	344	2.6	0.1	-2.6	4	J
18	485	5.3	96	J	5.5	-16	353	5.0	-0.1	-1.6	2	J
19	489	5.9	79	J	6.0	-30	4	5.1	1.5	-2.6	1	J
20	484	5.7	122	J	6.0	-19	328	4.5	-1.7	-2.9	2	J
21	476	5.0	75	J	6.4	1	292	2.1	-4.7	-2.4	3	J

FEB. 13, 1986 — 44

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	448	6.0	81	J	6.7	5	319	4.6	-3.7	-1.6	3	J
2	432	6.1	75	J								
3	439	7.4	113	J	5.5	-9	309	3.1	-3.1	-2.4	2	J
4	420	5.8	51	J	6.5	-11	355	6.1	-0.0	-1.3	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 18, 1986							49
1												
2												
3												
4												
5												
6												
7												
8												
9	458	5.8	91	J	5.9	-19	160	-4.6	2.0	-1.3	2	J
10	460	5.8	69	J	5.9	-15	154	-4.6	2.4	-1.0	2	J
11	476	7.1	97	J	4.8	-6	107	-1.1	3.7	0.2	3	J
12	463	6.0	66	J	6.4	-14	115	-2.3	5.2	-0.6	2	J
13	455	5.6	52	J	6.5	-10	110	-1.9	5.4	-0.1	3	J
14	454	6.4	48	J	5.2	7	98	-0.6	3.8	1.3	3	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					FEB. 19, 1986							50
1												
2												
3												
4												
5												
6												
7												
8												
9	451	7.6	112	J	4.0	3	213	-1.6	-1.0	-0.1	4	J
10	460	6.7	82	J	3.6	-3	95	-0.2	2.7	0.3	2	J
11	474	6.2	83	J	3.3	59	41	0.7	0.3	1.6	3	J
12	480	5.7	69	J	3.3	32	49	1.8	1.7	2.1	1	J
13	471	6.1	59	J	3.7	-8	24	3.2	1.5	-0.1	1	J
14	466	6.4	49	J	4.3	9	33	3.2	1.8	1.2	2	J
15	440	8.0	68	J	4.0	71	343	0.6	-0.8	1.7	3	J
16	423	7.7	78	J								
17												
18												
19												
20												
21												
22												
23												
24												
					FEB. 20, 1986							51
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	474	10.9	220	J	5.6	-9	195	-4.9	-1.1	-1.1	2	J
16	500	10.1	159	J	6.8	-25	221	-3.3	-2.1	-2.8	5	J
17	498	9.7	162	J	6.9	-15	190	-4.9	-0.4	-1.6	5	J
18	516	9.4	184	J	6.5	42	61	0.5	0.4	1.1	6	J
19	506	8.7	146	J	8.2	-11	161	-7.0	2.8	-0.3	3	J
20	508	8.9	120	J	8.6	8	157	-3.6	1.1	1.2	8	J
21	496	11.7	135	J	8.2	34	135	-4.2	1.6	5.5	4	J
22												
23												
24												
					FEB. 21, 1986							52
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	672	5.4	311	J	8.8	9	150	-7.3	3.9	2.0	2	J
16	669	5.4	322	J	8.3	18	152	-6.5	3.0	3.0	3	J
17	676	5.7	285	J	7.6	10	149	-6.3	3.4	2.1	1	J
18	651	6.1	324	J	7.2	13	142	-4.9	3.4	2.4	3	J
19	665	6.4	307	J	6.8	28	142	-4.2	2.3	3.7	3	J
20	662	5.5	261	J	6.2	22	170	-4.9	0.1	2.2	3	J
21	644	4.3	118	J	6.9	-2	164	-6.5	1.8	0.5	1	J
22	645	4.8	147	J	5.6	49	174	-2.9	-1.2	3.2	3	J
23	693	4.9	360	J	6.8	7	166	-5.3	0.8	1.2	4	J
24	681	5.1	529	J	7.3	9	196	-6.7	-2.2	-0.0	2	J
	671	4.8	327	J	6.9	15	212	-4.7	-3.3	-0.3	4	J
	671	4.7	283	J	6.7	-31	217	-4.2	-1.0	-4.4	3	J
					6.5	-28	216	-4.3	-1.1	-4.1	3	J
					FEB. 22, 1986							53
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	698	6.5	240	J	10.1	-8	154	-8.8	4.5	-0.5	2	J
14	686	6.6	264	J	10.7	3	157	-7.7	3.1	1.1	7	J
15	696	6.9	311	J	9.6	-1	144	-6.7	4.8	1.1	5	J
16	704	7.5	310	J	9.2	-43	154	-5.3	4.1	-4.4	4	J
17	706	7.1	240	J	8.8	-16	151	-5.9	3.7	-0.7	5	J
18	720	5.9	223	J	9.3	7	150	-6.5	3.1	2.3	5	J
19	725	5.0	173	J	8.9	-3	155	-7.1	3.1	1.1	4	J
20	742	4.9	286	J	8.4	2	132	-4.9	4.6	2.8	4	J
21	726	5.3	177	J	8.4	13	151	-6.1	2.1	3.1	4	J
22	730	5.6	252	J	8.9	16	154	-5.9	1.4	3.1	6	J
23	725	5.4	280	J	8.6	-11	135	-5.4	5.4	1.7	3	J
24	771	5.2	354	J	7.0	4	146	-4.5	2.4	2.0	4	J
					FEB. 23, 1986							54
1												
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3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	727	4.2	335	J	5.8	-26	204	-4.2	-1.2	-2.6	2	J
18	765	4.1	280	J	6.0	-39	138	-2.5	2.9	-1.9	4	J
19	769	3.8	275	J	5.8	-8	115	-1.8	3.9	0.8	4	J
20	776	3.5	223	J	5.7	-9	119	-2.2	3.9	0.9	3	J
21	783	3.3	215	J	5.9	-6	104	-1.2	4.5	1.6	3	J
22	790	3.4	215	J	6.1	-23	93	-0.3	5.4	0.5	3	J
23	780	3.5	270	J	5.7	-6	169	-2.1	0.5	0.0	5	J
24	763	3.5	270	J	5.7	10	165	-2.9	0.4	0.9	5	J
	765	3.5	281	J	6.3	17	127	-2.7	2.3	3.1	4	J
	763	3.6	241	J	6.1	27	143	-3.2	0.9	3.0	4	J
					FEB. 24, 1986							55
1	761	4.0	326	J	6.2	21	125	-2.7	2.3	3.6	3	J
2	754	3.1	196	J	6.1	7	142	-3.8	2.2	2.0	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	698	2.8	235	J	5.6	-2	141	-4.2	3.2	1.0	2	J
18	700	2.9	211	J	5.5	15	146	-3.8	1.8	2.1	3	J
19	690	3.0	218	J	5.9	-8	146	-4.0	2.7	0.6	3	J
20	709	3.1	207	J	6.1	-14	133	-3.5	3.9	0.7	3	J
21	708	3.1	165	J	6.3	12	144	-4.1	2.0	2.5	3	J
22	695	3.2	108	J	6.9	-3	165	-6.0	1.5	0.6	3	J
23	685	2.8	129	J	6.4	6	166	-5.3	0.8	1.2	3	J
24	692	3.0	148	J	6.1	-8	142	-4.1	3.1	1.1	3	J
					FEB. 25, 1986							56
	692	2.5	138	J	6.1	7	146	-4.6	2.3	2.2	2	J
	691	2.5	151	J	6.0	-19	148	-4.4	3.3	-0.1	2	J
	717	2.9	250	J	5.0	33	194	-3.6	-1.9	1.8	3	J
	742	3.4	408	J	5.5	-10	133	-2.6	2.9	0.5	4	J
	764	3.4	390	J	5.2	25	102	-0.7	2.6	2.6	4	J
								5.4	-28	189	-4.4	0.4	-2.4	2	J
	702	3.7	115	J	6.4	-10	156	-4.8	2.3	0.2	4	J
	688	3.7	99	J	6.7	-19	164	-5.8	2.5	-0.9	2	J
	671	3.2	115	J	6.6	-6	159	-5.7	2.2	0.6	3	J
	675	3.3	162	J	5.9	14	179	-4.6	-0.6	1.0	3	J
	701	3.4	151	J	5.9	1	125	-3.2	3.7	2.6	2	J

FEB. 26, 1986 — 57

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	693	3.4	139	J								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 2, 1986 — 61

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					5.4	9	9	5.3	0.6	1.0	0	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 3, 1986 — 62

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8	472	4.8	72	J	2.5	-16	133	-1.3	1.5	-0.2	2	J
9	448	4.2	73	J	3.7	-10	143	-2.4	1.9	-0.1	2	J
10	426	3.9	43	J	3.9	-11	141	-2.5	2.1	-0.2	2	J
11	444	7.3	28	J	3.0	-7	120	-1.2	2.1	0.1	2	J
12	442	7.3	28	J	2.9	-13	152	-2.2	1.2	-0.3	1	J
13	439	7.4	26	J	2.9	-10	169	-2.6	0.6	-0.4	1	J
14	443	6.3	28	J	2.7	13	164	-2.3	0.5	0.7	1	J
15	434	6.5	29	J	2.4	4	163	-2.0	0.5	0.3	1	J
16	422	8.6	30	J	2.0	-8	171	-1.8	0.3	-0.1	1	J
17					2.0	-4	164	-1.8	0.5	0.1	1	J
18												
19												
20												
21												
22												
23												
24												

MAR. 4, 1986 — 63

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7												
8	440	1.6	58	J	4.1	9	317	2.8	-2.7	0.0	2	J
9	431	6.2	53	J	3.7	7	159	-0.6	0.2	0.1	4	J
10	403	6.1	48	J	4.6	40	336	3.0	-1.8	2.5	1	J
11	403	7.0	35	J	3.9	60	341	1.6	-1.1	2.8	2	J
12	403	8.0	29	J	4.2	49	295	1.0	-2.6	2.1	2	J
13	412	10.5	29	J	5.0	0	270	-0.0	-4.2	-1.0	2	J
14	407	9.9	33	J	5.1	24	292	1.4	-3.9	0.7	3	J
15	408	12.9	21	J	4.6	17	273	0.2	-4.5	-0.1	1	J
16	400	12.8	24	J	4.5	2	273	0.2	-3.8	-1.3	2	J
17	404	5.2	27	J	6.0	31	309	3.1	-4.8	1.1	1	J
18	392	8.8	25	J	5.4	11	256	-1.0	-4.1	-1.2	3	J
19	413	6.9	25	J	5.3	-8	210	-4.5	-1.9	-1.9	1	J
20	407	7.3	20	J	5.4	-4	215	-4.4	-2.4	-2.0	1	J
21	411	8.2	24	J	5.0	-16	209	-4.2	-1.2	-2.4	1	J
22	405	7.3	40	J	3.2	-15	183	-2.8	0.3	-0.7	1	J
23	403	7.3	46	J	3.2	-7	209	-2.8	-1.1	-1.2	1	J
24												

MAR. 5, 1986 — 64

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	415	5.3	51	J	3.5	-11	200	-3.2	-0.6	-1.2	1	J
2	427	4.7	60	J	4.0	-25	186	-3.5	0.6	-1.6	1	J
3	416	5.0	37	J	3.7	-28	155	-2.9	2.0	-0.8	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12	412	7.4	24	J	5.1	-7	228	-3.4	-3.6	-1.4	1	J
13												
14												
15												
16												
17												
18	0	0.0	0	J	6.2	-5	226	-4.3	-3.8	-2.3	1	J
19	397	9.8	20	J	6.1	-13	217	-4.4	-2.4	-2.7	2	J
20	400	6.3	18	J	6.4	-14	233	-3.7	-3.5	-3.8	1	J
21	401	7.1	18	J	6.4	-5	223	-4.6	-3.3	-2.7	1	J
22	394	5.9	16	J	6.0	-12	220	-4.5	-2.5	-3.1	1	J
23	392	8.9	21	J	5.8	-20	213	-4.5	-1.3	-3.3	1	J
24	382	9.4	24	J	6.4	-31	204	-5.0	0.0	-4.0	1	J

MAR. 6, 1986 — 65

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	381	14.1	24	J	6.4	-33	201	-5.0	0.3	-4.0	1	J
2	385	13.7	25	J	7.0	-30	210	-5.2	-0.7	-4.5	1	J
3	388	14.6	30	J	7.4	-36	203	-5.4	0.1	-4.9	0	J
4												
5												
6												
7												
8												
9												
10												
11												
12	474	16.5	29	J	13.6	-18	212	-11.0	-5.9	-5.5	0	J
13	472	16.0	37	J	13.7	-15	213	-11.1	-6.3	-5.0	1	J
14	471	16.2	32	J	13.1	-19	207	-11.0	-4.4	-5.5	2	J
15	459	15.7	47	J	12.4	-8	213	-10.2	-5.9	-3.5	1	J
16	463	15.8	36	J	13.0	-13	209	-11.0	-4.8	-4.7	1	J
17	455	16.3	24	J	12.9	-12	208	-11.1	-4.5	-4.7	1	J
18	449	14.9	22	J	12.9	-20	203	-11.1	-2.4	-5.9	1	J
19	425	11.3	29	J	12.8	-27	200	-10.7	-0.8	-7.0	1	J
20	416	13.0	30	J	11.4	-11	206	-9.8	-3.1	-4.2	2	J
21	418	14.5	79	J	10.0	-39	175	-7.1	3.6	-4.6	4	J
22	444	12.7	217	J	7.6	-46	183	-4.7	2.5	-4.2	4	J
23	472	8.5	149	J	9.2	-55	144	-4.0	6.4	-4.2	3	J
24	483	8.2	207	J	8.4	-43	162	-5.6	4.6	-3.5	2	J

MAR. 7, 1986 — 66

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	471	7.9	155	J	6.1	-22	107	-1.5	5.4	1.0	2	J
2	422	6.2	63	J	8.0	-25	184	-7.0	1.3	-3.0	3	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	491	9.7	113	J	5.3	-47	65	1.3	3.6	-2.6	2	J
15	489	9.6	128	J	6.2	-35	117	-2.1	4.8	-1.9	3	J
16	488	9.6	121	J	7.5	-30	104	-1.4	6.2	-1.3	4	J
17	479	10.3	102	J	7.8	-17	93	-0.4	7.3	0.6	3	J
18	496	8.9	129	J	6.5	-16	162	-3.4	1.4	-0.5	6	J
19	579	6.3	153	J	9.3	-42	132	-4.1	6.6	-2.7	4	J
20	566	7.2	172	J	7.5	-36	190	-4.9	1.1	-3.6	4	J
21	592	5.9	160	J	6.8	-13	211	-3.0	-1.1	-1.6	6	J
22	569	5.9	137	J	6.9	-32	201	-4.8	0.2	-3.7	3	J
23	565	6.5	110	J	7.0	-22	197	-5.0	-0.1	-2.6	4	J
24	559	7.6	148	J	6.8	-26	179	-4.9	1.4	-1.9	4	J

MAR. 8, 1986 — 67

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	568	6.4	129	J	8.0	-36	210	-5.2	-0.1	-5.3	3	J
2	557	7.9	178	J	7.7	-23	189	-6.2	0.6	-2.8	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	558	4.6	87	J	6.1	-30	158	-4.7	2.5	-2.5	2	J
15	532	5.0	78	J	5.8	-19	157	-4.7	2.4	-1.2	2	J
16	511	4.1	50	J	5.5	8	176	-5.4	0.1	0.8	0	J
17	513	5.2	50	J	4.6	12	173	-4.3	0.2	1.0	1	J
18	544	10.8	216	J	7.2	-2	154	-4.3	2.0	0.6	6	J
19	575	13.0	319	J	8.0	-5	136	-4.7	4.3	1.4	5	J
20	591	13.6	371	J	6.5	-25	140	-2.9	3.0	-0.4	5	J
21	595	12.0	295	J	7.2	-25	101	-0.8	4.7	0.4	5	J
22	586	9.6	287	J	7.3	1	135	-4.4	3.6	2.4	4	J
23	588	7.9	216	J	7.9	9	114	-2.6	4.2	4.0	5	J
24	582	6.0	217	J	7.4	-10	143	-5.2	3.9	1.3	3	J
	579	5.1	187	J	5.8	-13	200	-4.7	-0.8	-1.9	3	J

MAR. 9, 1986

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												68
1	594	5.4	186	J	6.8	-9	81	1.0	5.8	2.7	2	J
2	618	6.2	201	J	7.2	-3	84	0.7	5.8	3.2	2	J
3												
4	696	6.6	98	J	8.7	26	356	7.7	-2.2	3.1	1	J
5	693	6.5	91	J	8.8	24	4	7.9	-0.9	3.5	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	595	3.5	40	J	7.6	8	20	7.0	2.1	1.7	1	J
16	0	0.0	0	J	7.6	11	22	6.7	2.1	2.2	0	J
17												
18												
19												
20	0	0.0	0	J	6.8	12	8	6.6	0.1	1.7	1	J
21												
22	0	0.0	0	J	7.3	13	9	7.0	0.0	2.0	1	J
23	0	0.0	0	J	7.7	14	10	7.4	0.0	2.3	1	J
24	527	6.0	46	J	6.6	10	11	6.3	0.4	1.6	1	J

MAR. 10, 1986

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
											69
522	6.5	48	J	7.3	14	14	6.8	0.4	2.4	1	J
511	6.4	46	J	6.9	12	17	6.4	0.9	2.2	1	J
				6.9	11	8	6.6	0.2	1.6	1	J
				8.3	15	9	7.9	0.3	2.5	1	J

MAR. 15, 1986

											74
1											
2											
3											
4											
5											
6											
7	377	16.4	55	J	7.0	-18	176	-5.9	1.0	-1.7	3	J
8	384	18.6	72	J	6.4	-13	128	-3.3	4.4	-0.0	3	J
9	392	18.3	64	J	5.9	-4	70	1.9	5.2	0.9	2	J
10	394	20.0	58	J	4.8	2	50	3.0	3.5	0.9	1	J
11	389	22.3	50	J	5.1	14	14	4.7	0.9	1.4	1	J
12	383	21.1	35	J	6.3	10	57	3.1	4.4	2.0	3	J
13	394	19.8	39	J	7.3	39	5	5.5	-0.5	4.5	2	J
14	385	15.6	44	J	6.2	46	347	3.6	-1.8	3.5	3	J
15	382	14.2	37	J	7.5	0	71	2.3	6.5	2.0	3	J
16	376	12.7	30	J	7.1	-33	98	-0.8	6.7	-1.6	2	J
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 16, 1986

											75
415	8.2	37	J	5.5	-57	126	-1.7	3.5	-3.6	2	J
412	7.7	46	J	5.9	-52	98	-0.4	3.7	-3.0	3	J
420	8.7	50	J	5.5	-32	68	1.6	4.3	-1.7	3	J
432	7.8	49	J	5.0	-7	71	1.6	4.5	0.4	1	J
437	7.5	50	J	4.3	-14	65	1.8	3.9	-0.2	1	J
432	7.6	59	J	4.3	-1	28	3.6	1.9	0.4	1	J
423	8.3	48	J	3.9	28	41	2.3	1.5	2.1	2	J
393	7.9	65	J	4.4	-9	190	-4.2	-0.5	-0.9	1	J
405	9.1	58	J	5.0	-5	144	-3.5	2.5	0.6	3	J
406	9.5	61	J	6.3	3	142	-4.5	3.0	1.8	3	J
405	9.2	78	J	5.9	-7	169	-5.6	1.3	-0.1	1	J

MAR. 17, 1986

											76
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11	404	11.4	79	J	3.8	48	225	-1.4	-1.9	1.9	2	J
12	394	12.0	80	J	3.9	45	226	-1.7	-2.3	2.0	2	J
13	394	12.5	67	J	4.9	33	93	-0.2	2.6	2.7	3	J
14	392	12.2	66	J	4.3	-14	111	-1.4	3.8	-0.0	2	J
15	396	12.7	72	J	3.4	-7	109	-0.8	2.4	0.4	2	J
16	386	16.2	63	J	3.4	45	185	-1.7	-0.7	1.5	2	J
17	390	17.5	56	J	5.3	62	175	-2.2	-1.4	4.0	3	J
18	394	16.9	61	J	3.7	39	115	-0.9	1.0	2.4	3	J
19	389	12.8	49	J	5.2	68	99	-0.3	-0.5	4.4	3	J
20	384	13.0	35	J	3.7	-40	148	-1.8	1.8	-0.9	3	J
21	380	9.8	34	J	3.9	21	107	-1.0	2.1	2.9	1	J
22	388	11.2	48	J	3.7	33	124	-1.6	0.9	2.9	2	J
23	385	12.4	41	J	4.4	58	142	-1.2	-0.6	2.6	3	J
24	389	13.0	47	J	4.3	-11	210	-3.6	-1.2	-1.8	1	J

MAR. 18, 1986

											77
387	13.0	34	J	4.3	-12	194	-4.0	-0.3	-1.3	1	J
381	13.7	25	J	4.3	-9	196	-4.0	-0.6	-1.2	1	J
381	15.5	24	J	4.2	-18	199	-3.8	-0.5	-1.8	1	J
413	16.9	36	J	8.1	-5	103	-1.8	7.7	0.9	1	J
429	14.4	61	J	8.7	3	98	-1.0	6.6	1.8	5	J
443	8.9	108	J	8.8	14	101	-1.4	6.5	3.4	5	J
469	9.3	143	J	8.4	-1	107	-1.8	5.7	1.4	6	J
479	8.4	179	J	8.2	-11	128	-4.4	5.8	0.3	4	J
471	8.5	145	J	7.8	-21	183	-6.7	0.5	-2.5	3	J
487	8.1	137	J	7.6	-16	143	-4.4	3.6	-0.2	5	J
483	7.1	145	J	7.8	-5	111	-2.7	6.6	2.4	2	J
478	5.5	98	J	8.9	5	99	-1.0	5.4	3.5	6	J
493	5.4	93	J	9.1	15	350	8.7	-2.5	1.2	1	J
479	8.3	94	J	4.3	25	58	1.4	1.2	2.4	3	J
497	7.6	82	J	6.6	37	21	3.7	-0.5	3.2	5	J

MAR. 19, 1986

											78
1	525	7.0	149	J	6.8	8	96	-0.5	3.6	3.2	5	J
2	518	6.7	122	J	5.7	-29	126	-2.7	4.5	-0.2	2	J
3	532	7.5	262	J	4.5	-46	149	-2.6	2.9	-2.0	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	457	5.6	78	J	3.9	6	173	-3.4	0.3	0.4	2	J
14	448	5.6	85	J	3.9	5	174	-3.8	0.3	0.4	1	J
15	461	4.1	75	J	4.4	3	179	-4.2	0.0	0.2	1	J
16	475	5.4	96	J	2.4	-4	165	-1.3	0.3	0.0	2	J
17												
18	446	5.1	66	J	2.1	11	16	1.9	0.3	0.6	1	J
19	435	6.2	66	J	3.0	53	9	1.5	-0.8	1.9	2	J
20	433	4.7	67	J	4.4	32	184	-2.8	-1.1	1.4	3	J
21	467	5.0	87	J	3.9	10	194	-2.6	-0.8	0.0	3	J
22	447	4.3	101	J	3.8	33	182	-2.8	-1.1	1.4	2	J
23	423	4.8	63	J	3.8	29	176	-3.3	-0.9	1.6	1	J
24	413	5.5	69	J	4.9	29	173	-4.3	-0.9	2.3	1	J

MAR. 20, 1986

											79
414	5.2	58	J	4.8	35	173	-3.9	-1.1	2.6	0	J
				5.7	-4	125	-3.2	4.6	0.6	1	J
377	18.2	29	J	5.4	-1	119	-2.4	4.2	0.9	2	J
392	13.0	51	J	5.7	13	85	0.4	4.0	2.1	3	J
387	12.2	47	J	5.7	18	133	-3.7	3.3	2.8	1	J
382	13.4	46	J	5.2	9	119	-2.3	3.7	2.1	2	J
382	14.1	54	J	5.3	13	115	-1.9	3.4	2.5	3	J
383	13.4	43	J	6.2	-19	115	-2.2	5.0	0.4	3	J
390	15.3	39	J	6.1	40	39	3.5	0.7	4.7	2	J
391	15.3	29	J	6.7	45	24	4.0	-0.7	4.7	3	J
390	14.5	28	J	6.5	38	2	4.9	-1.9	3.3	2	J
402	12.5	45	J	6.5	29	22	5.2	-0.0	3.7	1	J
394	11.7	57	J	5.6	35	74	0.4	0.5	1.6	5	J
386	11.7	65	J	4.8	8	146	-1.9	0.9	1.0	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAR. 21, 1986							80
1	386	12.7	64	J	4.8	45	105	-0.8	0.8	4.2	2	J
2	385	12.5	75	J	4.9	57	190	-1.7	-1.7	2.1	4	J
3	395	11.9	57	J	4.5	5	340	3.4	-1.2	-0.3	3	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	519	5.0	111	J	9.2	-24	138	-6.1	6.5	-1.3	2	J
18	506	4.8	102	J	8.9	-16	138	-6.1	6.0	0.3	2	J
19	502	5.1	113	J	8.3	33	143	-4.6	1.2	4.9	5	J
20	545	5.6	93	J	5.0	-13	331	4.2	-1.4	-2.1	1	J
21	551	5.2	84	J	4.7	7	8	4.1	0.2	0.7	2	J
22	545	6.4	100	J	4.2	20	346	3.7	-1.6	0.6	1	J
23	553	8.4	128	J	5.6	43	345	3.1	-2.4	2.0	4	J
24	553	4.8	146	J	7.1	-32	263	-0.7	-2.5	-5.8	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAR. 22, 1986							81
1	570	4.8	142	J	6.5	-42	230	-3.0	-0.6	-5.5	2	J
2					6.4	-49	209	-3.5	0.8	-4.9	2	J
3					6.3	-21	168	-4.0	1.5	-0.9	4	J
4					7.7	-18	185	-7.1	0.5	-2.3	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17					5.1	-15	171	-4.6	1.1	-1.0	2	J
18					4.4	15	174	-3.9	0.0	1.1	2	J
19												
20												
21					5.3	-15	163	-4.0	1.6	-0.3	3	J
22	606	5.9	178	J	5.7	-7	152	-4.5	2.3	0.8	3	J
23	605	6.4	237	J	4.7	0	159	-3.2	1.0	0.7	3	J
24	618	5.4	172	J	5.8	1	97	-0.5	3.4	2.4	4	J
	635	5.2	169	J	4.2	4	59	1.7	2.2	1.8	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAR. 23, 1986							82
1	629	4.6	123	J	5.4	-6	82	0.6	3.9	2.0	3	J
2	647	5.1	163	J	5.9	17	71	1.7	3.4	4.1	2	J
3	647	5.1	171	J	6.0	6	77	1.3	4.4	3.2	2	J
4	636	4.7	162	J	6.1	25	54	2.9	2.4	3.9	3	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAR. 27, 1986							86
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	585	5.4	193	J								
11	617	5.3	223	J								
12	639	4.8	220	J								
13	626	4.4	209	J								
14	619	4.4	168	J								
15	639	4.0	166	J								
16	679	4.6	164	J								
17												
18												
19												
20												
21	644	3.7	100	J								
22	611	3.5	90	J								
23	608	3.0	69	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAR. 28, 1986							87
1												
2												
3												
4												
5												
6												
7	639	4.4	246	J								
8	654	3.6	211	J								
9	660	4.2	239	J								
10	654	4.5	246	J								
11	651	3.5	183	J								
12	629	3.0	85	J								
13	620	3.0	65	J								
14	631	2.8	73	J								
15	632	4.1	107	J								
16	639	4.8	139	J								
17	635	4.1	106	J								
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAR. 29, 1986							88
1												
2												
3												
4	531	6.2	163	J								
5	535	6.4	160	J								
6	546	6.2	140	J								
7	543	6.0	138	J								
8	539	4.7	102	J								
9	526	5.6	61	J								
10	518	5.0	58	J								
11	516	7.4	67	J								
12	513	7.3	72	J								
13	512	7.5	61	J								
14	510	7.1	69	J								
15	511	7.1	69	J								
16	512	6.2	54	J								
17	508	5.0	52	J								
18	507	4.0	57	J								
19	506	3.9	54	J								
20	506	4.4	67	J								
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAR. 30, 1986							89
1												
2												
3												
4	446	6.8	61	J								
5	436	7.5	74	J								
6	423	6.5	46	J								
7	415	8.6	33	J								
8	411	8.2	31	J								
9	406	8.9	30	J								
10	398	10.3	36	J								
11	390	9.3	36	J								
12	387	11.5	41	J								
13	388	12.2	44	J								
14	394	10.2	44	J								
15	397	12.1	40	J								
16	395	13.9	47	J								
17	390	17.7	27	J								
18	389	15.2	41	J								
19	388	13.3	37	J	4.1	-26	150	-3.1	2.4	-0.7	1	J
20	387	12.5	36	J	3.6	-21	144	-2.4	2.1	-0.1	2	J
21	394	7.0	68	J	4.7	-24	159	-3.8	2.2	-0.7	1	J
22	406	7.5	60	J	3.4	0	117	-0.9	1.5	1.0	3	J
23	409	8.4	50	J	3.1	19	47	1.9	1.2	2.0	1	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAR. 31, 1986							90
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19	413	16.3	46	J	5.2	51	350	2.7	-1.1	3.2	3	J
20	414	15.5	44	J	4.7	35	286	1.0	-4.0	1.7	1	J
21	402	13.8	50	J	5.0	-11	235	-2.6	-3.4	-1.8	2	J
22	402	15.4	55	J	4.7	-4	242	-1.4	-2.5	-1.0	4	J
23	406	17.2	59	J	4.7	9	342	3.9	-1.4	0.2	2	J
24	405	17.0	61	J	5.2	35	11	3.3	-0.3	2.4	3	J
	388	13.0	72	J	6.8	-15	171	-5.8	1.5	-1.0	3	J
	385	11.9	63	J	6.5	-24	166	-5.1	2.2	-1.5	3	J
	406	12.7	76	J	5.5	11	121	-2.1	2.6	2.4	4	J
	404	14.3	66	J	6.3	17	105	-1.4	3.5	4.3	3	J
	396	15.1	46	J	6.6	22	111	-2.1	3.2	5.0	2	J
	392	17.6	46	J	5.1	4	120	-2.4	3.2	2.6	3	J
	388	12.6	40	J	4.2	30	116	-1.3	1.2	2.8	3	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	403	7.2	60	J	4.7	26	141	-1.8	0.6	1.8	4	J
2	426	9.3	60	J	5.0	72	246	-0.5	-2.8	2.5	3	J
3	444	13.7	76	J	6.0	31	90	0.0	1.5	2.7	5	J
4	459	6.3	79	J	6.3	10	115	-2.0	3.4	2.6	4	J
5	497	4.5	84	J	5.8	28	96	-0.5	3.4	4.4	1	J
6												
7												
8												
9												
10												
11	461	7.4	87	J	5.8	0	136	-4.0	3.7	0.8	2	J
12	458	6.4	60	J	5.2	13	134	-3.3	3.1	1.8	2	J
13	455	5.4	41	J	5.8	27	95	-0.4	4.3	3.6	1	J
14	459	6.8	49	J	4.6	39	76	0.8	2.3	3.2	3	J
15	466	8.6	50	J	3.9	26	95	-0.2	2.0	1.8	3	J
16	463	9.2	46	J	3.6	-8	147	-2.9	1.9	0.2	1	J
17	467	9.9	69	J	3.8	12	166	-2.9	0.4	0.9	2	J
18	462	9.7	56	J	4.3	37	125	-1.5	1.1	2.7	3	J
19	456	9.8	54	J	4.1	-25	189	-3.4	0.3	-1.7	2	J
20	457	10.4	64	J	4.7	16	225	-2.2	-2.3	-0.4	4	J
21	453	10.0	73	J	3.6	38	208	-1.3	-1.2	0.6	3	J
22	453	9.4	64	J	4.0	42	62	1.3	0.6	3.5	1	J
23	454	9.2	65	J	3.7	21	58	1.6	1.4	2.4	2	J
24	450	7.2	94	J	4.4	3	149	-2.4	1.1	0.9	3	J

APR. 2, 1986 — 92

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
462	5.5	82	J	5.2	-20	154	-4.1	2.6	-0.3	2	J
472	4.3	67	J	6.2	-20	160	-5.4	2.8	-0.8	2	J
495	5.4	78	J	7.2	8	109	-2.0	4.6	3.6	4	J
490	6.0	105	J	6.2	-3	126	-3.3	4.2	1.8	3	J
500	6.9	66	J	5.9	-1	107	-1.7	5.1	2.1	1	J
468	3.7	121	J	5.0	0	182	-4.9	-0.2	-0.0	1	J
474	3.6	89	J	5.3	0	179	-5.3	0.1	0.0	1	J
464	4.0	72	J	5.2	-4	175	-5.2	0.5	-0.2	1	J
466	4.9	75	J	5.7	-5	174	-5.5	0.7	-0.3	1	J
461	4.4	37	J	5.1	-10	177	-5.0	0.5	-0.7	1	J
444	5.0	61	J	3.8	-1	128	-2.0	2.4	0.9	2	J
453	5.3	57	J	4.5	-20	174	-4.1	1.0	-1.2	1	J
449	6.6	62	J	4.2	-11	113	-1.4	3.2	0.9	2	J
448	8.0	58	J	4.0	8	47	2.6	2.1	1.9	1	J
441	7.0	80	J	5.1	-17	150	-3.2	2.2	0.0	4	J
443	8.1	85	J	4.5	-13	132	-2.0	2.3	0.7	3	J
456	6.9	37	J	6.1	-12	187	-5.8	0.1	-1.4	1	J
453	6.7	33	J	7.3	-14	180	-7.0	1.0	-1.4	1	J

APR. 3, 1986 — 93

1	452	6.0	42	J	7.2	-27	176	-6.4	2.2	-2.5	1	J
2	448	6.2	61	J	6.7	-36	192	-5.2	1.1	-3.9	1	J
3	448	6.4	55	J	5.9	-35	207	-4.2	-0.3	-4.0	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	427	7.7	55	J	5.1	-17	127	-2.5	3.6	-0.5	3	J
14	425	7.6	56	J	3.9	11	105	-0.9	3.1	1.5	2	J
15	426	6.9	59	J	3.7	2	123	-2.0	2.9	1.0	1	J
16	429	7.5	62	J	3.7	-4	102	-0.6	2.7	0.7	2	J
17	468	7.1	85	J	4.9	-18	173	-3.6	0.9	-0.9	3	J
18	467	10.1	88	J	3.6	9	239	-0.6	-1.0	-0.3	4	J
19	466	6.9	59	J	7.3	29	26	4.1	0.6	3.2	5	J
20	478	6.2	92	J	6.5	-8	116	-1.6	3.2	1.3	5	J
21	484	5.8	91	J	5.9	3	109	-1.7	4.0	2.9	3	J
22	471	6.5	75	J	5.6	13	73	1.4	3.2	3.5	3	J
23	486	6.1	81	J	6.2	25	71	1.4	2.3	4.1	4	J
24	516	5.9	82	J	5.2	15	115	-2.0	2.8	3.4	2	J

APR. 4, 1986 — 94

539	4.9	92	J	4.7	10	108	-1.3	3.0	2.8	2	J	
515	5.1	76	J	4.9	-3	126	-2.8	3.4	1.8	1	J	
508	5.4	60	J	5.0	2	136	-3.5	2.8	1.8	1	J	
513	5.9	69	J	5.0	2	105	-1.0	3.3	1.8	3	J	
530	5.8	87	J	4.7	9	68	1.5	3.1	2.0	2	J	
463	5.0	46	J	5.2	13	162	-4.8	1.2	1.6	0	J	

APR. 9, 1986 — 99

1	348	20.3	19	J	6.7	56	200	-3.3	-3.8	3.8	2	J
2	346	18.0	34	J	7.9	26	264	-0.3	-3.1	-0.2	7	J
3	344	15.0	65	J	6.7	11	263	-0.7	-5.9	-1.8	2	J
4	341	14.2	59	J	7.5	-2	280	1.2	-6.1	-3.2	3	J
5	346	16.1	54	J	8.7	9	275	0.7	-8.2	-2.0	2	J
6	338	17.0	30	J	8.6	19	272	0.3	-8.2	-0.1	2	J
7	342	26.0	33	J	5.6	36	271	0.1	-5.0	1.7	2	J
8	335	24.4	22	J	6.1	27	296	1.9	-4.4	1.2	4	J
9	347	14.6	24	J	7.4	43	193	-4.6	-2.0	4.1	4	J
10	341	14.2	25	J	6.9	43	185	-4.7	-1.3	4.3	2	J
11	347	15.8	28	J	9.2	36	193	-7.1	-2.6	4.9	2	J
12	359	24.4	54	J	10.3	23	217	-6.0	-5.1	2.3	6	J
13	353	21.5	49	J	8.3	-31	287	2.0	-5.5	-5.3	3	J
14	345	21.3	45	J	8.0	-40	311	3.9	-3.2	-5.9	2	J
15	339	17.6	40	J	7.1	-2	268	-0.2	-5.9	-1.9	3	J
16	332	14.5	28	J	6.9	-13	284	1.6	-5.5	-3.4	1	J
17												
18												
19												
20												
21												
22												
23												
24												

APR. 10, 1986 — 100

376	25.6	35	J	6.2	65	290	0.8	-4.4	3.2	3	J	
372	28.4	32	J	8.8	7	273	0.4	-7.9	-3.1	3	J	
371	29.4	35	J	9.4	-7	269	-0.2	-7.4	-4.7	3	J	
369	28.3	29	J	11.1	9	266	-0.7	-10.5	-2.5	3	J	
362	24.3	26	J	12.1	-11	263	-1.4	-10.0	-5.9	3	J	
356	18.2	24	J	12.0	-15	260	-2.0	-9.9	-6.2	2	J	
375	22.3	50	J	7.8	-57	108	-1.3	5.7	-5.2	0	J	
372	16.6	40	J	8.5	-53	111	-1.7	6.1	-4.5	3	J	
381	8.2	66	J	7.5	-42	103	-1.2	6.6	-2.6	3	J	
385	9.5	61	J	6.1	-38	101	-0.8	5.3	-1.3	3	J	
397	7.5	54	J	3.5	1	90	0.0	2.8	1.5	2	J	
416	6.5	39	J	2.9	29	47	1.6	0.8	1.9	1	J	
414	5.7	37	J	3.1	11	64	1.0	1.5	1.4	2	J	
393	6.1	42	J	3.4	12	137	-2.4	1.5	1.8	1	J	
390	6.6	48	J	3.9	13	136	-2.7	1.7	2.1	1	J	
387	6.1	53	J	4.0	-1	153	-3.2	1.4	0.8	1	J	

APR. 11, 1986 — 101

1	384	5.8	44	J	3.8	0	163	-3.4	0.9	0.6	1	J
2												
3	382	7.3	55	J	4.1	-37	166	-3.0	1.8	-1.7	1	J
4	379	6.6	42	J	4.1	-29	195	-3.4	0.0	-2.1	1	J
5	383	6.8	34	J	3.9	-36	211	-2.6	-0.6	-2.6	1	J
6	372	6.6	26	J	4.4	-5	162	-3.8	1.3	0.1	2	J
7	368	7.4	28	J	4.5	-3	159	-3.8	1.5	0.2	2	J
8	362	7.3	26	J	4.4	-16	159	-3.8	1.7	-0.8	1	J
9	350	6.9	30	J	4.5	-2	158	-4.0	1.6	0.2	1	J
10	338	7.3	19	J	4.6	-5	159	-4.1	1.6	-0.1	1	J
11	341	5.5	19	J	4.2	-5	167	-3.9	0.9	-0.2	1	J
12	338	5.7	18	J	4.0	-6	168	-3.7	0.8	-0.2	1	J
13	338	6.1	17	J	4.1	-8	173	-3.8	0.6	-0.4	1	J
14	338	6.5	16	J	4.1	-11	172	-3.7	0.7	-0.6	1	J
15	336	8.2	15	J	4.6	-8	184	-4.3	-0.1	-0.7	1	J
16	337	9.2	16	J	4.9	-31	164	-4.0	1.9	-2.0	1	J
17	334	7.9	18	J	4.4	1	169	-4.1	0.7	0.4	1	J
18	338	9.7	22	J	4.6	20	209	-3.5	-2.4	0.5	2	J
19	349	12.9	36	J	5.0	32	221	-3.0	-3.5	1.0	2	J
20	370	12.6	22	J	6.0	32	234	-2.9	-5.0	0.7	2	J
21	371	12.3	20	J	6.3	22	249	-2.1	-5.8	-0.9	1	J
22	373	13.8	20	J	6.3	19	258	-1.2	-5.8	-1.4	2	J
23	365	11.4	20	J	6.6	15	262	-0.9	-6.0	-2.0	2	J
24	369	10.7	20	J	7.1	15	243	-3.0	-5.9	-1.7	1	J

APR. 12, 1986 — 102

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
366	9.8	17	J	6.9	6	257	-1.5	-6.0	-2.9	1	J
358	8.3	18	J	7.1	10	239	-3.6	-5.7	-1.9	0	J
354	9.0	20	J	7.1	9	240	-3.5	-5.9	-1.9	0	J
				6.3	1	245	-2.2	-4.3	-1.9	4	J
348	17.0	17	J	6.2	-9	228	-4.0	-3.7	-2.5	2	J
342	21.4	50	J	6.7	-30	225	-4.0	-2.7	-4.4	2	J
352	17.3	24	J	6.8	0	232	-3.6	-4.4	-1.3	4	J
350	18.0	24	J	8.0	-5	237	-4.1	-5.9	-2.2	2	J
356	18.1	20	J	8.0	-4	246	-2.4	-5.3	-1.6	5	J
362	12.2	15	J	9.4	15	251	-2.9	-8.8	0.8	1	J
350	12.0	17	J	9.0	-3	245	-3.8	-7.9	-1.9	1	J
350	12.0	17	J	8.6	-8	240	-4.3	-7.0	-2.5	1	J
346	15.1	25	J	8.6	-4	240	-4.3	-7.2	-2.1	1	J
345	11.9	19	J	9.2	-1	239	-4.7	-7.6	-1.9	1	J
339	10.9	19	J	9.5	5	239	-4.8	-8.0	-1.3	1	J
341	10.1	22	J	9.6	0	237	-5.2	-7.6	-2.5	1	J
335	10.3	16	J	9.6	-1	232	-5.8	-6.9	-2.9	1	J
333	14.9	13	J	9.2	-8	220	-6.8	-4.7	-3.5	2	J
331	18.9	11	J	9.0	-9	206	-7.9	-2.8	-3.0	1	J
332	27.4	11	J	8.2	-19	203	-7.0	-1.3	-3.8	1	J
323	20.2	10	J	7.0	-29	195	-5.9	0.4	-3.7	1	J
321	16.7	16	J	6.5	-40	189	-4.8	1.6	-3.9	1	J
328	11.9	33	J	5.1	-41	138	-2.6	3.6	-1.2	2	J

04/13/86 - 04/24/86

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 13, 1986							103
1												
2												
3												
4												
5												
6	342	11.5	22	J	5.1	20	215	-3.9	-3.2	0.7	0	J
7	350	11.7	18	J	5.2	14	232	-3.1	-4.2	0.1	1	J
8	356	12.3	15	J	5.2	26	233	-2.4	-3.6	1.1	3	J
9	362	9.6	16	J	6.5	22	235	-3.4	-5.3	1.3	1	J
10	355	9.5	23	J	6.6	4	229	-4.3	-5.0	-0.5	1	J
11	351	9.7	23	J	6.7	-6	225	-4.6	-4.4	-1.5	1	J
12	344	12.3	29	J	5.7	-22	219	-4.0	-2.8	-2.6	1	J
13	340	12.7	20	J	5.1	-16	224	-3.5	-3.0	-2.0	1	J
14	338	12.6	21	J	4.9	-19	230	-3.0	-3.1	-2.3	0	J
15	338	14.5	18	J	4.1	-20	227	-2.6	-2.3	-2.0	1	J
16	340	17.3	19	J	3.5	7	216	-2.6	-2.0	-0.2	1	J
17	336	18.7	15	J	3.9	-5	222	-2.9	-2.3	-1.3	1	J
18	333	19.7	13	J	3.9	3	219	-3.0	-2.3	-0.8	0	J
19	332	18.8	12	J	4.1	2	222	-3.0	-2.4	-1.1	1	J
20	331	16.4	12	J	4.5	-2	228	-2.8	-2.6	-1.7	2	J
21	332	14.9	12	J	4.8	-3	223	-3.4	-2.6	-1.9	1	J
22	330	14.8	11	J	5.0	-9	219	-3.8	-2.2	-2.3	1	J
23	331	13.5	11	J	5.3	-6	214	-4.3	-2.1	-2.0	0	J
24	331	12.2	13	J	5.1	-8	218	-3.9	-2.2	-2.2	1	J
					APR. 14, 1986							104
321	10.4	14	J		5.2	-5	219	-3.9	-2.5	-2.1	1	J
331	17.9	12	J		5.3	-7	243	-2.3	-4.4	-1.6	1	J
334	20.5	13	J		5.3	-3	253	-1.5	-4.9	-1.2	1	J
333	23.6	12	J		5.1	-7	257	-1.1	-4.7	-1.5	1	J
331	23.6	11	J		5.0	-2	252	-1.5	-4.6	-1.0	1	J
328	22.7	10	J		5.0	-3	249	-1.8	-4.4	-1.1	0	J
324	22.1	12	J		4.6	-3	254	-1.3	-4.3	-1.2	0	J
323	21.9	14	J		4.6	-18	236	-2.4	-3.1	-2.3	1	J
317	18.5	29	J		4.6	-21	174	-4.2	1.1	-1.3	1	J
314	18.2	27	J		4.9	-23	178	-4.4	1.0	-1.6	1	J
317	16.7	30	J		4.6	35	118	-1.7	1.4	3.7	1	J
312	14.8	40	J		5.1	-14	147	-4.1	2.9	0.4	1	J
316	16.2	32	J		4.7	1	117	-2.0	3.2	2.2	2	J
					APR. 15, 1986							105
1	334	15.4	26	J	4.0	34	74	0.9	1.5	3.4	1	J
2	337	15.8	20	J	4.1	37	61	1.6	1.3	3.6	1	J
3	331	14.1	24	J	4.1	29	118	-1.2	1.4	2.4	3	J
4	327	12.9	28	J	4.2	23	139	-2.8	1.5	2.4	1	J
5	325	12.6	30	J	4.7	1	150	-4.1	2.1	1.0	0	J
6												
7												
8												
9												
10												
11	339	25.5	22	J	8.6	-15	165	-8.0	2.5	-1.8	0	J
12	339	25.1	27	J	8.0	-15	164	-7.4	2.5	-1.7	1	J
13	337	25.7	39	J	7.0	-10	172	-6.6	1.1	-1.0	2	J
14	335	25.7	41	J	6.7	-9	166	-6.2	1.7	-0.7	1	J
15	338	29.4	42	J	5.9	-10	154	-4.9	2.5	-0.3	2	J
16	344	31.9	41	J	6.2	49	87	0.1	1.2	2.8	6	J
17	353	26.4	52	J	8.2	42	5	5.1	-1.2	4.5	5	J
18	358	18.1	50	J	9.2	51	26	5.0	-0.6	7.2	3	J
19	360	19.9	61	J	8.6	31	347	5.8	-2.8	2.6	5	J
20	360	15.3	72	J	9.4	37	73	2.1	3.4	8.2	2	J
21	365	15.7	69	J	9.1	24	83	0.9	4.7	6.9	4	J
22	369	16.2	66	J	8.1	41	62	2.6	1.5	6.7	4	J
23	431	7.6	124	J	7.5	-41	189	-5.4	1.9	-4.5	2	J
24	447	6.9	88	J	7.7	-34	177	-6.1	2.5	-3.3	2	J
					APR. 16, 1986							106
454	7.4	79	J		6.9	-23	160	-5.9	3.2	-1.2	1	J
446	8.2	133	J		6.9	-20	156	-5.8	3.4	-0.7	1	J
448	8.3	180	J		6.5	-13	149	-5.2	3.4	0.2	2	J
454	7.7	191	J		6.2	-12	149	-4.7	3.0	0.1	3	J
455	8.0	243	J		6.0	-1	129	-3.5	4.1	1.5	2	J
449	5.2	56	J		7.3	-4	135	-4.5	4.5	0.5	3	J
444	4.4	77	J		7.2	-6	136	-5.0	4.9	0.5	2	J
440	5.3	78	J		7.2	-23	156	-5.8	3.3	-1.8	2	J
432	5.5	69	J		7.3	-3	154	-6.2	3.0	0.7	2	J
					7.1	18	124	-3.3	3.7	3.7	3	J
					7.1	14	119	-3.0	4.1	3.8	3	J
					7.2	-13	140	-5.4	4.7	1.0	1	J
					7.2	-5	137	-5.2	4.5	2.1	1	J
					APR. 17, 1986							107
1												
2					6.0	6	129	-3.7	3.7	2.8	1	J
3					7.1	10	153	-5.4	1.9	2.2	5	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
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15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					APR. 22, 1986							112
484	11.0	126	J		5.3	4	159	-3.4	1.0	0.9	4	J
485	9.3	114	J		7.1	11	134	-4.6	3.6	3.4	2	J
496	7.0	95	J		7.0	0	141	-4.4	3.2	1.6	4	J
492	6.9	89	J		8.5	-26	180	-7.5	1.5	-3.4	1	J
481	6.5	129	J		8.0	-8	152	-6.5	3.6	0.2	3	J
469	8.0	103	J		6.2	-9	140	-3.8	3.3	0.2	4	J
483	8.6	94	J		6.1	10	42	4.2	3.4	2.0	2	J
478	9.5	113	J		5.1	43	46	2.2	1.6	3.3	3	J
474	9.3	120	J		4.5	-71	127	-0.7	1.5	-3.2	3	J
476	8.2	92	J		8.8	-41	58	3.0	5.4	-4.0	5	J
475	6.9	90	J		7.0	32	62	2.6	4.4	4.2	3	J
478	8.7	85	J		5.2	31	355	4.1	-0.7	2.4	2	J
471	8.6	77	J		4.6	29	335	3.3	-1.9	1.8	2	J
448	9.9	83	J		3.4	-23	236	-0.8	-0.7	-1.2	3	J
439	10.4	87	J		4.4	-23	190	-1.4	0.1	-0.6	4	J
450	8.8	72	J		4.7	11	188	-3.7	-0.8	0.3	3	J
					3.0	52	116	-0.8	0.2	2.8	1	J
					APR. 23, 1986							113
1												
2	474	10.6	51	J	7.6	35	17	5.6	-0.4	4.5	2	J
3	480	11.0	59	J	7.0	28	31	4.8	1.3	3.9	3	J
4	497	6.6	83	J	7.2	23	80	0.4	1.9	2.0	7	J
5	513	6.4	115	J	6.7	5	109	-1.7	4.4	2.1	4	J
6					7.3	-14	135	-4.9	5.2	-0.2	2	J
7					7.4	-19	152	-5.9	3.6	-1.4	1	J
8	507	7.0	97	J	6.0	20	42	2.5	2.0	1.7	5	J
9	513	9.1	119	J	5.2	27	83	0.5	3.5	2.7	3	J
10	524	8.0	108	J	6.8	11	117	-2.8	5.2	2.0	3	J
11	540	6.1	86	J	6.7	25	103	-1.3	5.3	3.5	2	J
12	551	5.0	76	J	6.7	11	135	-4.4	4.2	1.9	2	J
13	567	5.1	69	J	5.8	15	143	-4.2	2.9	1.9	2	J
14	562	4.9	61	J	6.3	11	155	-5.5	2.3	1.7	1	J
15					6.2	17	206	-5.2	-2.9	1.1	1	J
16												
17												
18												
19												
20												
21												
22												
23	581	7.1	233	J	9.4	-9	127	-4.6	5.8	2.2	5	J
24	591	5.6	239	J	8.3	-5	107	-1.7	5.0	2.4	6	J
					APR. 24, 1986							114
570	4.3	144	J		8.1	-7	125	-4.4	5.9	2.3	2	J
					6.3	14	121	-3.1	3.8	3.8	1	J
					6.8	14	115	-2.7	4.5	3.9	2	J
576	4.8	91	J		5.9	5	119	-2.5	4.0	2.2	3	J
578	4.1	104	J		4.7	5	149	-3.6	1.9	1.1	2	J
605	2.8	94	J		3.9	-7	155	-3.1	1.5	0.0	2	J
601	3.2	121	J		3.8	39	147	-2.1	0.8	2.3	2	J
582	3.8	78	J		4.2	-1	179	-4.0	0.1	-0.1	1	J
593	3.7	134	J		4.9	-27	181	-3.7	0.3	-1.9	2	J
615	3.7	163	J		5.5	21	129	-2.8	3.1	2.2	3	J
601	4.0	277	J		5.4	-12	161	-4.3	1.6	-0.8	3	J
584	3.7	218	J		4.5	16	173	-3.8	0.3	1.2	2	J
589	4.5	237	J		4.9	-3	163	-4.1	1.3	-0.0	2	J
566	3.7	91	J		6.1	-7	171	-5.8	1.0	-0.5	1	J
552	4.4	153	J		6.2	1	164	-5.7	1.6	0.5	2	J
589	5.8	185	J		7.4	14	127	-3.7	4.3	2.8	4	J
604	5.5	206	J		7.0	6	139	-4.3	3.3	1.8	4	J
585	5.2	215	J		6.9	-6	172	-6.2	1.1	-0.3	3	J
610	6.0	175	J		6.5	-2	149	-3.8	2.1	0.8	5	J
593	3.9	132	J		5.4	19	114	-1.4	2.3	2.6	4	J
574	4.3	131	J		7.1	8	135	-4.6	3.5	3.1	3	J
614	4.7	184	J		6.0	20	100	-0.8	3.1	3.9	3	J
610	5.0	180	J		6.2	12	92	-0.2	3.6	3.4	4	J
594	5.9	156	J		6.0	9	35	3.5	1.7	1.8	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 25, 1986							115
1	571	5.6	93	J	7.2	18	44	1.8	1.1	1.6	7	J
2	567	4.7	103	J	7.2	-37	151	-4.7	4.2	-2.4	2	J
3	560	4.4	96	J	5.6	-8	161	-4.8	1.8	0.1	2	J
4	566	3.7	85	J	4.7	12	181	-4.5	-0.4	0.9	1	J
5					4.5	3	178	-4.3	0.1	0.3	1	J
6	550	3.1	100	J	4.1	-5	167	-3.7	0.9	-0.1	1	J
7	559	3.7	103	J	4.0	3	161	-3.7	1.2	0.5	1	J
8					4.0	-8	175	-3.7	0.4	-0.4	1	J
9	537	2.9	82	J	3.5	-1	180	-3.1	0.0	-0.1	1	J
10	533	3.7	83	J	3.6	-10	175	-3.3	0.4	-0.5	1	J
11	529	3.1	99	J	4.6	-10	176	-4.4	0.4	-0.7	1	J
12	530	3.0	79	J	4.5	-16	160	-3.8	1.5	-1.0	2	J
13	525	2.5	71	J	3.6	-1	178	-3.1	0.1	-0.0	2	J
14	554	1.6	158	J	3.8	2	182	-3.5	-0.1	0.1	2	J
15					3.8	0	174	-3.5	0.4	0.1	1	J
16	546	1.6	89	J	3.6	9	175	-3.2	0.1	0.6	1	J
17					3.4	12	166	-3.0	0.5	0.9	1	J
18	521	3.4	53	J	3.3	21	159	-2.9	0.6	1.5	1	J
19	509	3.8	65	J	2.9	0	158	-2.4	0.9	0.4	1	J
20	497	3.4	47	J	2.3	-9	148	-1.7	1.1	0.2	1	J
21					2.0	10	198	-1.7	-0.6	0.0	1	J
22												
23	498	4.8	61	J	3.3	-7	41	1.6	1.3	0.5	3	J
24					4.2	-5	82	0.5	2.9	1.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 26, 1986							116
492	6.3	51	J		4.0	-2	351	3.8	-0.6	-0.3	1	J
488	5.4	48	J		3.6	-8	0	3.3	0.1	-0.5	1	J
468	5.2	48	J		4.0	-29	71	1.0	3.1	-1.2	2	J
469	5.0	46	J		4.2	-26	68	1.3	3.5	-1.3	1	J
464	5.0	44	J		5.2	-30	79	0.8	4.5	-1.9	1	J
458	4.4	41	J		6.3	-8	38	4.8	3.9	-0.3	1	J
448	4.6	35	J		6.3	0	21	5.8	2.2	0.3	1	J
453	6.6	30	J		5.8	12	3	5.7	0.1	1.2	1	J
444	5.1	26	J		5.8	11	6	5.7	0.3	1.2	1	J
424	4.3	38	J		6.3	15	355	6.1	-1.0	1.4	1	J
420	4.0	39	J		5.3	9	1	5.1	-0.2	0.8	1	J
426	3.1	30	J		4.1	3	3	3.9	0.1	0.3	1	J
418	4.2	33	J		4.1	0	2	3.8	0.1	0.1	1	J
413	5.1	33	J		3.7	6	5	3.5	0.1	0.5	1	J
411	7.9	26	J		4.3	12	12	4.1	0.3	1.2	1	J
408	6.6	23	J		3.5	6	13	3.3	0.5	0.7	1	J
398	5.8	18	J		3.7	-5	14	3.5	0.9	0.2	1	J
405	8.3	29	J		2.8	4	28	2.4	1.0	0.8	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 27, 1986							117
1	395	6.9	26	J	3.3	-4	29	2.5	1.3	0.5	2	J
2	397	5.3	20	J	3.5	-10	30	2.9	1.8	0.2	0	J
3												
4												
5												
6												
7												
8												
9												
10	353	14.9	34	J	3.9	27	43	2.3	1.9	1.9	2	J
11	347	15.1	32	J	3.6	-7	129	-1.4	1.8	-0.1	3	J
12	348	14.9	29	J	3.6	34	50	1.7	1.8	2.0	2	J
13	352	13.9	28	J	4.6	20	18	4.0	1.1	1.7	1	J
14	351	14.4	29	J	4.4	15	20	3.8	1.2	1.3	1	J
15	345	15.2	26	J	3.3	24	31	2.0	0.9	1.2	2	J
16	348	15.5	29	J	3.7	23	129	-1.7	1.8	1.7	2	J
17	351	15.1	29	J	3.7	24	124	-1.8	2.1	2.3	1	J
18	343	16.5	23	J	3.8	15	121	-1.8	2.4	2.0	1	J
19	337	21.1	16	J	2.5	6	98	-0.3	1.6	1.0	2	J
20	337	23.6	14	J	2.6	16	89	0.0	1.3	1.2	2	J
21	337	25.3	14	J	3.1	3	76	0.7	2.4	1.5	1	J
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 28, 1986							118
410	10.7	75	J		6.8	-4	146	-5.2	3.5	0.0	3	J
434	7.1	108	J		7.6	17	137	-5.1	4.4	2.8	2	J
435	7.5	73	J		7.0	2	143	-5.3	3.9	0.9	2	J
447	9.1	115	J		3.5	45	116	-0.6	0.9	1.6	3	J
430	7.4	103	J		2.9	21	207	-1.9	-1.2	0.5	2	J
431	6.9	102	J		2.9	1	183	-2.5	-0.1	0.0	2	J
415	7.9	61	J		4.0	0	149	-3.2	1.8	0.7	2	J
415	7.7	72	J		4.3	17	160	-3.7	0.7	1.6	1	J
432	6.6	86	J		5.3	16	149	-4.2	1.6	2.4	1	J
424	7.2	78	J		5.2	9	145	-4.1	2.1	2.1	1	J
410	7.5	62	J		4.5	12	147	-3.5	1.5	1.9	1	J
392	7.1	50	J		4.9	23	119	-2.2	2.4	3.7	1	J
400	7.8	51	J		5.0	25	104	-1.0	2.4	3.5	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 29, 1986							119
1	397	7.8	48	J	5.8	32	58	2.4	2.0	4.4	2	J
2	394	7.2	47	J	5.3	40	68	1.3	1.6	4.1	3	J
3	408	11.2	67	J	3.5	-3	157	-2.6	1.1	0.3	2	J
4	421	10.1	56	J	4.7	17	113	-1.4	2.7	2.3	3	J
5	446	10.3	87	J	3.7	24	72	0.6	1.4	1.3	4	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	513	4.7	97	J	4.0	27	115	-1.4	2.5	2.2	2	J
16	492	4.3	106	J	5.0	18	155	-4.2	1.5	2.0	1	J
17	495	4.2	138	J	4.9	16	160	-4.3	1.1	1.7	1	J
18	490	4.5	147	J	4.5	4	156	-4.1	1.6	1.0	1	J
19	495	4.2	120	J	3.7	29	156	-2.9	0.4	2.1	1	J
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 4, 1986							124
445	37.0	55	J									
442	30.3	39	J									

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 5, 1986							125
1	461	14.1	46	J	3.5	6	205	-2.8	-1.3	-0.3	2	J
2	463	13.7	61	J	3.4	-12	191	-3.0	-0.2	-0.8	1	J
3	460	13.7	51	J	2.9	-10	152	-2.2	1.2	0.1	2	J
4	462	13.6	59	J	2.9	14	188	-2.6	-0.6	0.5	1	J
5	457	12.1	48	J	2.9	11	232	-1.5	-2.0	-0.1	1	J
6	460	8.6	51	J	4.0	10	227	-2.4	-2.6	-0.0	2	J
7	454	7.1	57	J	4.0	16	230	-2.2	-2.8	0.4	2	J
8	448	5.8	55	J	5.0	33	213	-3.2	-2.5	2.1	2	J
9	447	5.1	64	J	5.3	13	207	-4.4	-2.4	0.9	1	J
10	441	5.2	51	J	5.4	31	210	-3.7	-2.4	2.3	2	J
11	438	4.5	47	J	5.9	-11	206	-5.0	-2.3	-1.3	2	J
12	440	5.6	49	J	5.8	-34	178	-4.5	0.4	-3.0	2	J
13	453	8.3	37	J	5.4	-26	233	-2.9	-3.5	-2.7	1	J
14	446	6.9	43	J	5.5	-38	196	-3.9	-0.7	-3.3	2	J
15	447	8.6	37	J	4.7	-50	183	-2.6	0.4	-3.0	2	J
16	448	6.9	39	J	4.5	-23	254	-1.1	-3.2	-2.5	2	J
17	450	5.8	32	J	5.0	-34	248	-1.5	-2.8	-3.6	1	J
18	457	5.5	29	J	5.2	-38	251	-1.3	-2.5	-4.3	1	J
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 6, 1986							126
413	14.5	26	J		7.0	-11	274	0.5	-5.5	-4.0	1	J
410	17.4	28	J		6.0	-60	272	0.1	-0.5	-3.8	5	J
414	19.8	44	J		6.6	-2	290	1.8	-4.6	-1.9	4	J
424	12.2	40	J		10.8	-37	261	-1.3	-5.9	-8.2	3	J
429	14.5	44	J		9.6	-69	216	-2.7	0.2	-8.8	3	J
420	11.8	41	J		8.8	-70	212	-2.4	0.1	-8.0	3	J
458	13.7	37	J		8.5	-53	266	-0.3	-3.9	-7.3	2	J
460	13.5	50	J		8.3	-48	254	-1.5	-4.6	-6.8	1	J
452	12.1	38	J		8.5	-44	252	-1.9	-5.2	-6.4	1	J
430	6.6	31	J		9.4	-45	273	0.3	-6.0	-7.1	1	J
431	7.1	32	J		9.2	-46	265	-0.5	-5.6	-7.0	2	J
434	6.5	29	J		9.1	-41	265	-0.6	-6.2	-6.6	1	J
430	8.3	32	J		9.2	-43	274	0.5	-5.7	-7.0	2	J
430	12.3	30	J		9.2	-33	271	0.1	-6.4	-6.0	3	J
435	9.8	33	J		11.2	-37	269	-0.1	-6.9	-8.2	3	J
435	11.2	32	J		11.9	-32	278	1.4	-7.7	-8.7	2	J
424	16.3	36	J		11.4	-47	281	1.4	-4.1	-9.9	4	J
418	24.6	47	J		9.8	-58	5	5.1	3.6	-7.3	2	J
418	21.2	33	J		10.4	-67	3	4.0	4.3	-8.5	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 7, 1986							127
1												
2												
3												
4	400	17.4	71	J	3.9	43	142	-1.8	0.6	2.5	2	J
5	389	13.6	94	J	4.9	24	148	-3.3	1.5	2.3	2	J
6												
7												
8												
9	402	12.4	69	J	6.0	2	126	-2.8	3.8	0.6	4	J
10	408	11.2	75	J	4.9	-28	123	-1.7	2.8	-1.4	3	J
11	403	11.5	91	J	4.7	-14	143	-3.4	2.6	-0.9	1	J
12	397	10.9	97	J	5.5	9	146	-4.2	2.7	1.0	2	J
13	398	10.5	85	J	4.9	-39	188	-3.4	-0.2	-2.8	2	J
14	400	10.2	69	J	4.5	-35	224	-2.4	-2.0	-2.6	2	J
15	397	9.9	80	J	4.3	-27	203	-3.0	-1.0	-1.9	2	J
16	405	9.2	61	J	4.5	-50	294	0.7	-1.1	-2.5	4	J
17	389	9.1	65	J	4.2	-23	235	-2.0	-2.3	-2.2	2	J
18	384	9.0	44	J	4.2	-15	228	-2.6	-2.4	-1.9	1	J
19	384	9.0	45	J	4.1	-4	227	-2.7	-2.5	-1.3	1	J
20					3.8	4	199	-3.5	-1.2	-0.3	1	J
21												
22												
23	381	10.1	49	J	4.7	-18	153	-3.7	2.3	-0.3	2	J
24	384	11.5	67	J	5.4	-13	149	-4.4	2.9	0.2	1	J
					MAY 8, 1986							128
1												
2												
3												
4	408	9.7	76	J	4.4	-12	168	-2.0	0.6	-0.2	4	J
5												
6												
7												
8												
9	417	10.0	35	J	4.9	12	128	-2.8	3.3	1.8	1	J
10	422	12.2	44	J	4.8	12	122	-2.5	3.7	1.7	1	J
11	421	17.5	36	J	3.7	7	135	-2.4	2.3	0.8	2	J
12	415	15.6	26	J	4.2	-22	179	-3.8	0.2	-1.5	1	J
13	422	12.4	42	J	4.1	12	127	-1.5	1.9	0.7	3	J
14	433	12.0	67	J	4.1	19	58	1.9	2.9	1.4	2	J
15	429	10.6	72	J	5.2	-13	201	-4.0	-1.5	-1.1	3	J
16	428	12.4	50	J	5.4	-17	197	-4.8	-1.3	-1.7	1	J
17	423	12.4	50	J	5.5	-20	188	-5.1	-0.5	-2.0	1	J
18	418	8.9	41	J	5.4	-19	171	-5.0	1.1	-1.6	1	J
19	418	8.7	35	J	5.2	-7	147	-4.1	2.7	-0.0	2	J
20	429	9.0	50	J	4.8	37	93	-0.2	2.5	3.3	3	J
21	418	10.1	54	J	4.7	-1	142	-2.8	2.1	0.7	3	J
22	414	9.3	47	J	5.2	-27	121	-2.3	4.5	-0.7	1	J
23	441	7.8	70	J	5.5	25	48	3.2	2.2	3.6	2	J
24	434	7.8	129	J	5.1	-1	157	-3.5	1.3	0.6	3	J
	437	7.2	97	J	6.1	-11	163	-5.7	2.1	-0.2	1	J
	430	7.2	74	J	6.3	-9	158	-5.8	2.5	0.2	1	J
					MAY 9, 1986							129
1	424	7.3	68	J	6.3	-12	159	-5.6	2.5	-0.2	1	J
2	407	9.3	51	J	5.2	-22	142	-3.6	3.3	-0.5	2	J
3	406	8.7	58	J	3.5	-26	98	-0.4	3.1	-0.2	2	J
4	403	6.7	51	J	5.0	-9	163	-4.3	1.5	-0.2	2	J
5	411	6.5	32	J	6.4	-12	166	-5.9	1.8	-0.8	1	J
6												
7												
8	410	7.4	76	J	5.5	-9	163	-5.0	1.6	-0.6	1	J
9	430	6.2	150	J	5.4	-8	156	-4.9	2.2	-0.5	1	J
10	424	6.0	66	J	5.2	18	147	-3.7	2.3	1.6	2	J
11	423	6.0	75	J	5.4	-19	160	-4.5	1.8	-1.5	2	J
12	421	6.7	80	J	5.6	-6	151	-4.7	2.6	-0.4	1	J
13	414	7.8	39	J	6.2	1	143	-4.6	3.5	0.4	2	J
14	416	6.8	35	J	6.5	6	137	-4.5	4.1	1.1	2	J
15	431	8.2	47	J	5.6	34	89	0.1	3.2	3.0	4	J
16	424	9.1	43	J	5.2	25	87	0.2	3.9	3.0	2	J
17	418	9.1	38	J	5.2	17	98	-0.6	3.8	2.5	2	J
18	402	10.1	34	J	5.4	22	119	-2.3	3.4	3.2	1	J
19	402	16.5	40	J	4.8	60	79	0.2	0.3	2.3	4	J
20	390	15.9	41	J	5.2	31	111	-1.4	2.4	3.7	3	J
21	386	16.2	38	J	5.6	16	135	-2.8	2.0	2.3	4	J
22	394	14.5	56	J	6.4	42	101	-0.6	1.4	3.7	5	J
23	400	14.1	59	J	6.8	7	141	-4.3	2.8	2.2	4	J
24	411	13.7	41	J	7.3	-7	152	-4.9	2.6	0.6	5	J
					MAY 10, 1986							130
	409	10.7	45	J	7.1	-25	184	-6.3	0.9	-2.9	1	J
	420	8.1	45	J	7.4	-19	170	-6.8	2.1	-1.7	1	J
	447	5.5	58	J	7.9	-6	147	-6.6	4.3	0.8	1	J
	425	6.7	59	J	6.6	5	159	-6.0	2.0	1.3	1	J
	426	6.4	73	J	6.0	10	158	-5.5	1.8	1.6	1	J
					MAY 11, 1986							131
1	394	14.0	34	J	2.2	38	160	-1.5	-0.0	1.3	1	J
2	391	14.5	33	J	2.3	5	153	-1.7	0.7	0.5	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	389	22.4	37	J	6.1	19	120	-2.6	4.4	2.2	3	J
14	384	24.1	24	J	5.3	15	153	-4.4	2.1	1.6	1	J
15	370	17.6	34	J	5.3	3	148	-4.1	2.5	0.6	2	J
16	366	14.4	33	J	5.8	-11	170	-4.7	1.0	-0.7	3	J
17	359	12.3	39	J	5.6	-13	186	-5.4	-0.2	-1.4	1	J
18	353	11.7	38	J	5.5	-10	191	-5.2	-0.7	-1.2	1	J
19	351	11.8	48	J	5.4	-5	195	-5.1	-1.1	-0.9	1	J
20	352	12.5	48	J	4.8	5	189	-4.5	-0.8	0.1	2	J
21	371	18.4	32	J	4.3	-7	203	-3.6	-1.2	-1.1	2	J
22												
23	364	18.6	38	J	6.1	-34	175	-5.0	2.0	-2.8	1	J
24	368	19.3	50	J	5.1	1	137	-3.0	2.5	1.3	3	J
					MAY 12, 1986							132
	368	17.6	42	J	5.9	40	80	0.7	2.1	4.8	3	J
	378	11.8	39	J	6.9	-36	183	-4.6	1.1	-3.2	4	J
	378	11.1	37	J	7.2	-33	194	-5.9	0.1	-4.2	1	J
					MAY 17, 1986							137
1												
2												
3												
4												
5												
6												
7												
8												
9												
10					6.3	0	142	-4.5	3.5	0.1	2	J
11					6.4	22	150	-4.0	2.3	1.9	4	J
12												
13	329	12.9	49	J								
14	334	15.4	22	J	5.9	-37	255	-1.2	-4.1	-3.7	2	J
15	334	18.8	22	J	6.2	-30	256	-1.2	-4.6	-3.5	2	J
16	338	21.3	31	J	6.4	48	294	1.2	-3.2	2.8	5	J
17	336	20.4	30	J	7.3	74	292	0.7	-3.4	6.3	2	J
18												
19												
20												
21												
22												
23												
24												
					MAY 18, 1986							138
	316	17.0	19	J	7.5	33	106	-1.7	3.9	6.1	1	J
	316	17.6	21	J	6.6	10	110	-2.1	4.9	3.1	2	J
	318	19.9	21	J	6.9	-12	110	-2.1	5.9	0.7	3	J
	316	19.1	20	J	7.0	13	103	-1.5	5.8	3.3	2	J
	320	18.5	19	J	6.9	11	97	-0.8	6.1	2.8	1	J
	331	20.2	23	J	5.9	21	80	0.5	2.5	1.6	5	J
	335	14.5	38	J	5.2	15	280	0.8	-4.6	0.6	3	J
	348	8.4	25	J	7.8	-1	268	-0.3	-7.6	-0.8	2	J
	352	11.5	27	J	7.0	-11	261	-1.0	-6.5	-1.7	2	J
	355	16.0	41	J	5.5	-13	259	-0.9	-4.5	-1.2	3	J
	382	11.1	52	J	6.2	-33	190	-5.0	-0.8	-3.3	1	J
	375	11.3	45	J	6.1	-26	191	-5.4	-1.0	-2.7	1	J
	369	11.0	34	J	6.4	-21	171	-5.7	1.0	-2.2	2	J
	365	12.9	53	J	5.2	26	135	-3.0	2.8	2.3	2	J
	357	12.7	59	J	4.6	47	129	-1.9	2.0	3.5	1	J
	355	11.3	51	J	4.3	51	124	-1.0	1.1	2.5	3	J
	357	16.9	37	J	2.8	29	10	1.6	0.1	0.9	2	J
	353	17.6	32	J	3.0	27	288	0.7	-2.3	0.5	2	J
	353	19.3	29	J	3.2	59	40	1.0	0.1	2.4	2	J
	343	19.0	29	J	3.7	52	245	-0.9	-2.8	1.8	1	J
	411	5.1	44	J	6.8	-24	228	-3.5	-3.7	-2.7	3	J
	410	5.9	49	J	6.0	-21	185	-5.1	-0.2	-2.0	2	J
	408	6.3	67	J	6.2	3	177	-6.1	0.2	0.4	1	J
	405	5.9	72	J	5.9	-1	178	-5.8	0.2	-0.0	1	J
	414	7.2	94	J	5.2	7	178	-4.9	-0.0	0.6	2	J
	406	7.2	91	J	5.8	12	179	-5.3	-0.3	1.1	2	J
	404	7.4	148	J	5.1	0	166	-4.8	1.1	0.5	2	J
	412	9.1	73	J	2.9	4	43	0.8	0.6	0.4	3	J
	402	11.5	64	J	3.3	-22	5	1.8	0.5	-0.6	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 19, 1986							139
1												
2	342	19.1	24	J	3.6	8	236	-1.9	-2.8	-0.6	1	J
3	341	15.7	22	J	4.0	-2	215	-2.4	-1.5	-0.6	3	J
4	336	9.6	20	J	6.5	-11	155	-5.7	2.9	-0.4	1	J
5	334	13.0	31	J	5.9	-1	141	-4.3	3.4	0.7	2	J
6	337	10.3	25	J	7.1	-8	180	-6.8	0.2	-0.9	2	J
7	328	11.7	31	J	6.3	23	175	-5.4	0.2	2.3	2	J
8	328	13.7	34	J	5.3	27	152	-4.1	2.0	2.5	1	J
9	336	15.8	21	J	6.0	26	120	-2.4	4.0	2.5	3	J
10	345	15.8	22	J	6.3	63	181	-0.8	-0.1	1.6	6	J
11	354	13.4	26	J	7.0	55	282	0.8	-3.8	5.4	2	J
12	355	15.0	29	J	7.3	38	277	0.7	-5.5	4.2	3	J
13	348	16.4	25	J	7.6	80	65	0.5	0.9	7.3	1	J
14	338	18.6	26	J	6.1	-54	188	-2.2	-0.1	-3.1	5	J
15	343	18.6	25	J	7.4	-17	269	-0.1	-6.4	-2.7	3	J
16	339	20.9	24	J	6.8	-55	210	-2.8	-0.9	-4.9	4	J
17	341	23.2	23	J	6.7	-45	116	-1.9	4.8	-3.4	2	J
18	344	23.3	36	J	7.2	-24	122	-3.0	5.4	-1.1	4	J
19	363	26.3	52	J	9.3	26	100	-1.3	5.6	5.7	5	J
20	365	30.1	70	J	8.4	0	102	-1.2	5.1	2.0	6	J
21	371	22.1	38	J	9.6	76	7	2.2	-3.3	8.3	3	J
22	374	21.4	46	J	8.7	52	79	1.0	1.8	7.8	3	J
23	378	22.3	39	J	9.7	14	87	0.3	5.1	4.1	7	J
24	380	16.6	31	J	10.7	5	89	0.1	6.6	3.7	8	J
					MAY 21, 1986							141
1												
2												
3	377	13.2	31	J	5.6	-9	163	-5.3	1.8	-0.3	0	J
4	375	12.4	23	J	4.9	-15	159	-4.3	1.9	-0.8	1	J
5	372	11.9	22	J	4.2	-13	159	-3.6	1.6	-0.6	1	J
6												
7	369	11.9	27	J	3.7	-8	157	-3.3	1.4	-0.3	1	J
8	374	12.9	23	J	3.9	-22	155	-3.2	1.6	-1.3	1	J
9	377	15.8	29	J	4.8	-43	170	-3.2	0.7	-3.0	1	J
10	378	17.0	29	J	5.2	6	140	-3.4	2.9	0.5	3	J
11	371	16.1	34	J	5.2	-5	148	-3.7	2.3	-0.4	3	J
12	376	14.2	27	J	5.2	6	137	-3.1	2.8	0.4	3	J
13	371	14.4	30	J	4.6	-5	183	-3.8	-0.2	-0.3	3	J
14	373	15.5	28	J	4.5	-16	174	-3.3	0.4	-0.9	3	J
15	379	12.9	42	J	4.4	-2	157	-3.1	1.3	0.0	3	J
16	384	12.2	51	J	5.0	-13	171	-4.6	0.9	-1.0	1	J
17	380	13.7	41	J	4.9	-23	161	-4.2	1.8	-1.5	1	J
18	376	12.7	42	J	4.0	7	154	-3.0	1.3	0.8	2	J
19	381	11.5	43	J	3.6	12	242	-0.5	-1.0	-0.1	4	J
20	390	9.3	33	J	4.8	44	4	3.2	-0.9	2.9	2	J
21	382	8.7	36	J	4.2	37	48	2.1	1.2	3.1	2	J
22	387	7.3	48	J	4.5	12	113	-1.7	3.3	2.4	1	J
23	390	6.8	41	J	4.6	24	99	-0.6	2.6	2.9	3	J
24	396	6.9	31	J	4.7	7	103	-1.0	3.8	2.2	2	J
					MAY 23, 1986							143
1	380	17.9	42	J	5.1	-53	146	-2.0	2.4	-2.5	3	J
2	382	16.6	45	J	6.1	11	32	4.0	2.0	1.7	4	J
3	388	13.1	31	J	7.2	34	4	5.8	-0.8	3.9	1	J
4	399	14.9	40	J	5.5	30	27	3.4	1.1	2.6	3	J
5	398	11.0	54	J	6.2	-14	134	-4.0	4.4	-0.6	1	J
6												
7												
8												
9												
10												
11	452	10.7	99	J	7.1	-11	317	4.8	-4.5	-1.2	2	J
12	458	9.6	78	J	5.7	-20	337	4.5	-1.9	-1.8	2	J
13	459	8.8	79	J	5.4	-9	359	5.0	-0.1	-0.8	2	J
14	466	7.2	122	J	4.5	3	339	3.9	-1.5	0.2	1	J
15	468	5.8	141	J	4.1	8	344	3.8	-1.1	0.5	1	J
16	464	5.0	115	J	4.0	7	344	3.7	-1.1	0.3	1	J
17	467	5.3	83	J	4.3	19	332	3.3	-1.9	0.9	2	J
18	459	5.1	61	J	4.8	-1	357	4.0	-0.2	-0.1	3	J
19	453	5.8	65	J	4.8	7	346	4.4	-1.2	0.2	1	J
20	450	6.1	49	J	4.7	11	339	4.2	-1.8	0.3	1	J
21	439	6.5	94	J	5.2	7	331	4.4	-2.5	-0.3	1	J
22	423	7.8	91	J	4.9	10	333	3.9	-2.1	-0.1	2	J
23	422	9.6	86	J	4.8	20	334	3.7	-2.3	0.7	2	J
24	418	9.1	43	J	4.8	-5	326	3.9	-2.3	-1.4	1	J
					MAY 25, 1986							145
1	421	17.6	45	J	7.0	12	153	-6.0	2.3	2.4	1	J
2	427	14.6	64	J	8.1	-12	149	-6.7	4.4	-0.2	1	J
3	455	9.1	58	J	8.6	-20	164	-7.0	2.7	-2.0	4	J
4	456	10.8	62	J	8.5	-26	180	-7.5	0.9	-3.5	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					6.9	11	142	-5.1	3.9	1.5	2	J
16					6.4	-27	193	-5.4	-0.9	-2.9	2	J
17												
18												
19												
20												
21												
22												
23												
24												

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				MAY 20, 1986							140
395	11.1	54	J	9.1	30	59	4.0	4.4	6.7	2	J
394	8.6	72	J	8.0	-7	124	-4.1	6.0	1.3	3	J
392	7.8	109	J	7.0	-19	182	-5.8	0.4	-1.9	3	J
386	7.5	53	J	3.9	15	107	-1.0	3.1	1.7	1	J
377	6.8	45	J	4.4	11	107	-1.2	3.8	1.5	1	J
372	7.2	40	J	4.8	1	124	-2.6	3.9	0.6	1	J
376	7.9	46	J	5.6	-4	133	-3.8	4.1	-0.1	0	J
384	7.4	50	J	5.4	-5	126	-2.9	4.0	-0.3	2	J
				5.0	22	120	-2.2	3.7	1.8	1	J
407	8.6	64	J	6.2	-16	148	-4.5	2.8	-1.5	3	J
408	8.7	67	J	5.9	-4	134	-3.9	4.0	-0.4	2	J
404	8.6	84	J	5.4	0	153	-4.4	2.2	0.1	2	J
406	8.6	83	J	5.9	14	195	-5.2	-1.5	1.3	2	J
409	9.9	91	J	6.3	13	184	-5.8	-0.5	1.3	2	J
427	12.0	54	J	3.8	-2	133	-2.3	2.5	0.4	2	J
422	8.4	74	J	5.0	-13	139	-3.6	3.3	-0.2	1	J
421	5.9	92	J	6.3	-16	157	-5.6	2.8	-0.9	1	J
399	6.9	85	J	6.2	-16	166	-5.7	1.9	-1.1	1	J
402	8.1	46	J	6.5	-10	166	-6.0	1.8	-0.4	1	J
376	12.3	51	J	4.0	-4	162	-2.8	0.9	0.2	3	J
376	12.5	41	J	4.0	41	121	-0.3	0.3	0.8	4	J
				5.5	22	8	5.0	-0.2	2.2	0	J
				MAY 22, 1986							142
398	7.1	41	J	3.7	22	90	0.0	1.6	1.5	3	J
403	8.1	37	J	3.0	27	42	1.7	1.0	1.6	2	J
406	8.4	30	J	3.3	30	58	1.4	1.7	2.2	1	J
404	8.7	26	J	2.8	17	75	0.7	2.2	1.4	1	J
398	9.6	25	J	1.8	37	82	0.2	1.2	1.4	0	J
377	14.9	25	J	2.3	30	42	1.5	1.3	1.2	1	J
375	14.8	23	J	2.9	37	26	2.1	1.0	1.8	1	J
368	15.2	16	J	3.0	41	101	-0.4	1.9	1.7	1	J
371	14.1	17	J	3.2	38	52	0.9	1.1	1.1	3	J
365	11.6	19	J	4.0	14	5	3.9	0.3	1.0	1	J
367	12.5	18	J	3.8	33	86	0.2	2.8	2.0	2	J
369	15.7	17	J	2.6	1	137	-1.5	1.4	0.2	2	J
372	16.3	19	J	3.2	-27	179	-2.8	0.2	-1.4	1	J
369	16.4	18	J	3.1	-18	177	-2.8	0.3	-0.9	1	J
371	16.4	21	J	2.8	-18	175	-2.7	0.4	-0.8	1	J
372	17.6	23	J	2.7	-26	210	-1.9	-0.7	-1.3	1	J
375	22.9	27	J	3.6	20	218	-2.4	-2.1	0.4	2	J
386	25.0	51	J	3.9	38	98	-0.2	1.0	1.7	3	J
380	23.5	44	J	4.3	2	113	-1.4	3.1	1.5	2	J
381	18.7	48	J	5.7	51	94	-0.2	1.3	4.7	3	J
380	17.6	45	J	5.5	62	93	-0.1	0.3	3.3	4	J
				MAY 24, 1986							144
416	9.1	34	J	5.4	10	339	5.0	-2.1	0.2	1	J
414	9.4	34	J	5.3	8	331	4.5	-2.6	-0.2	1	J
408	16.1	40	J	4.4	-1	335	3.8	-1.7	-0.6	2	J
406	14.9	49	J	4.9	-2	342	4.6	-1.4	-0.5	1	J
399	16.4	55	J	3.8	24	1	3.1	-0.2	1.4	2	J
383	14.4	81	J	7.1	-18	187	-6.7	-0.8	-2.2	0	J
385	15.2	85	J	6.9	-18	184	-6.4	-0.4	-2.1	2	J
393	12.9	89	J	5.4	-2	147	-3.4	2.2	0.0	4	J
447	8.8	46	J	6.6	66	79	0.5	1.4	6.0	2	J
414	9.9	37	J	7.4	69	96	-0.3	0.8	7.0	2	J
420	8.9	40	J	7.8	40	107	-1.7	3.8	6.2	2	J
406	10.2	56	J	6.6	12	104	-1.5	5.3	3.3	2	J
399	9.9	68	J	5.9	-10	125	-3.1	4.4	0.7	2	J
407	8.2	45	J	6.4	10	116	-2.5	4.3	2.9	3	J
413	8.1	36	J	7.1	21	118	-3.1	4.3	4.6	1	J
421	12.4	49	J	6.6	26	135	-4.1	2.7	4.2	1	J
				MAY 29, 1986							149
				7.0	9	29	5.4	3.1	0.9	3	J
				2.2	24	167	-1.8	0.6	-0.7	1	J
324	13.4	14	J								
327	14.5	13	J	2.7	-27	153	-1.3	0.9	-0.5	2	J
329	9.9	13	J	4.5	-29	202	-3.6	-0.6	-2.6	0	J
341	8.7	27	J	5.0	-27	193	-4.1	-0.1	-2.3	2	J

MAY 30, 1986 — 150

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	357	8.8	61	J	4.4	-20	163	-3.7	1.5	-0.9	1	J
2	363	9.6	52	J	3.7	28	209	-2.4	-1.7	1.0	2	J
3	352	10.3	45	J	3.7	23	107	-0.6	1.8	1.5	3	J
4	357	11.3	54	J	4.4	-7	92	-0.1	2.3	0.2	4	J
5	349	9.8	39	J	6.0	13	140	-3.8	3.0	1.6	3	J
6	347	12.3	44	J	5.7	21	145	-4.1	2.6	2.2	2	J
7	341	13.2	36	J	6.3	60	156	-2.6	0.9	5.0	3	J
8	339	12.9	20	J	6.3	85	161	-0.5	0.1	6.2	1	J
9	339	13.7	18	J	5.5	76	294	0.5	-1.1	5.3	1	J
10	341	16.5	21	J	5.6	85	75	0.1	0.5	3.8	4	J
11	347	16.3	22	J	8.4	62	97	-0.5	4.1	6.7	3	J
12	343	19.6	22	J	7.3	6	135	-4.9	5.0	0.4	2	J
13	337	21.9	23	J	6.5	-21	150	-4.9	2.8	-2.3	2	J
14	340	20.4	21	J	7.0	12	134	3.5	3.7	1.0	5	J
15	363	17.3	25	J	9.2	35	118	-3.3	6.1	5.1	3	J
16	358	14.0	28	J	9.7	27	125	-4.8	6.4	4.8	3	J
17	354	15.2	42	J	8.6	-25	151	-6.5	4.1	-2.9	2	J
18	380	18.1	35	J	7.7	-63	184	-3.3	1.1	-6.4	3	J
19	388	25.3	51	J	6.0	-43	135	-1.9	2.5	-1.9	5	J
20	399	26.1	57	J	4.8	-79	29	0.4	1.0	-2.4	4	J
21	412	19.5	99	J	5.1	-40	301	1.7	-1.7	-3.5	3	J
22	419	24.0	66	J	4.1	13	312	1.2	-1.4	-0.1	4	J
23	443	22.2	95	J	4.5	-42	182	-1.6	0.5	1.3	4	J
24	448	21.9	109	J	3.4	23	150	-2.0	0.7	1.3	2	J

MAY 31, 1986 — 151

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	410	15.3	88	J	7.4	9	304	4.0	-5.9	-0.9	2	J
	414	14.8	83	J	8.2	9	292	2.5	-6.3	-0.8	5	J
	421	16.7	105	J	8.9	-9	298	3.2	-5.5	-2.6	6	J
	414	13.5	65	J	10.2	28	303	4.8	-8.1	3.0	3	J
	415	15.1	72	J	9.3	-17	280	1.1	-5.9	-2.9	6	J
	415	13.9	98	J	7.7	-27	316	3.7	-3.3	-3.0	5	J
	428	15.0	121	J	6.8	-55	86	0.1	2.3	-2.9	6	J
	435	15.0	119	J	7.6	-43	97	-0.6	5.2	-4.8	3	J
	444	12.0	145	J	9.8	-3	316	5.7	-5.5	-0.3	6	J
	442	9.7	139	J	10.1	-9	331	8.2	-4.6	-1.2	3	J
	456	8.8	96	J	10.5	-1	313	7.0	-7.5	0.3	2	J
	453	9.0	99	J	10.0	4	314	6.7	-6.8	1.1	3	J
	457	9.5	119	J	9.5	2	314	6.3	-6.5	0.6	3	J
	453	9.4	110	J	9.6	1	310	6.1	-7.3	0.3	2	J
	443	9.7	115	J	10.2	5	299	4.6	-8.3	0.6	3	J
	458	9.5	93	J	10.0	10	289	2.9	-8.4	0.9	5	J
	458	10.8	152	J	8.6	-7	301	3.7	-5.9	-1.7	5	J
	478	11.5	154	J	8.3	14	285	1.9	-7.2	0.4	4	J
	472	12.3	147	J	9.3	-24	346	7.4	-0.9	-3.7	4	J
	482	11.6	154	J	9.0	-13	338	8.0	-2.5	-2.8	2	J
	491	10.3	127	J	8.6	-5	328	7.1	-3.9	-2.2	2	J

JUN. 1, 1986 — 152

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4	511	7.2	80	J	7.7	-4	297	3.1	-5.8	-1.7	3	J
5	533	6.5	67	J	7.8	7	257	-1.7	-7.4	-0.2	2	J
6	515	6.6	83	J	7.2	8	299	3.2	-5.9	0.4	3	J
7	518	6.2	74	J	6.8	9	332	4.5	-2.4	0.7	4	J
8	510	6.2	53	J	6.9	-13	15	6.4	1.7	-1.5	1	J
9	508	6.5	45	J	7.1	-12	6	6.8	0.7	-1.5	1	J
10	507	6.7	58	J	7.1	-24	23	5.7	2.3	-2.9	2	J
11	502	6.5	53	J	7.8	-17	13	7.2	1.5	-2.4	1	J
12	504	7.9	87	J	6.6	-1	341	5.2	-1.8	0.0	4	J
13	518	8.9	105	J	6.3	37	245	-2.0	-4.1	3.9	2	J
14	529	8.1	76	J	8.6	24	228	-5.1	-5.5	3.5	2	J
15	516	9.3	83	J	7.9	22	237	-3.9	-6.0	2.8	1	J
16	510	9.3	94	J	7.2	3	286	1.4	-4.9	-0.1	5	J
17	499	9.2	111	J	7.7	-28	26	5.9	3.3	-3.1	2	J
18	494	9.1	146	J	7.4	-23	353	6.5	-0.2	-2.9	2	J
19	494	8.1	116	J	7.2	-21	357	6.0	0.3	-2.3	3	J
20	489	8.2	115	J	6.6	-5	340	6.0	-1.9	-1.2	1	J
21	503	7.0	114	J	6.0	-23	360	4.4	0.6	-1.8	4	J
22	532	6.2	120	J	5.9	7	240	-2.1	-3.7	-0.8	4	J
23												
24												

JUN. 2, 1986 — 153

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	472	5.3	77	J	4.7	2	316	3.2	-3.1	-0.1	2	J
	490	4.6	84	J	5.1	36	302	2.1	-3.4	2.7	1	J
	490	5.5	88	J	4.7	11	314	2.8	-2.9	0.8	2	J
	485	5.8	111	J	5.2	7	318	3.7	-3.3	0.7	1	J
	475	6.1	64	J	4.6	12	292	1.5	-3.6	1.1	2	J
	459	7.3	43	J	4.9	13	291	1.6	-4.2	1.4	2	J
	460	7.6	41	J	5.2	12	293	1.9	-4.3	1.4	2	J
	452	7.7	44	J	5.3	5	303	2.8	-4.2	0.7	1	J
	436	8.8	90	J	5.7	-1	330	4.8	-2.8	-0.0	1	J
	438	8.5	61	J	5.8	-17	3	5.0	0.3	-1.5	3	J
	436	9.2	64	J	6.4	13	330	5.1	-3.0	1.2	2	J
	444	9.5	43	J	5.5	-5	290	1.7	-4.5	-1.0	3	J
	448	9.9	62	J	5.1	-11	267	-0.2	-3.2	-1.3	4	J
	433	10.2	116	J	5.0	-14	345	4.6	-0.9	-1.4	1	J
	459	9.9	131	J	5.1	-12	360	3.2	0.2	-0.7	4	J
	478	9.5	102	J	4.0	35	212	-1.9	-1.6	1.1	3	J
	478	8.9	94	J	5.2	24	212	-3.3	-2.5	0.9	3	J
	467	9.0	75	J	5.6	-17	285	1.1	-3.5	-2.7	3	J
	471	8.2	67	J	5.8	11	257	-1.0	-4.3	-0.6	4	J

JUN 3, 1986 — 154

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	462	8.5	52	J	6.3	-39	318	3.5	-1.8	-4.6	2	J
2	456	7.9	69	J	6.1	-29	326	3.1	-1.4	-2.6	4	J
3	469	7.9	63	J	6.6	31	247	-2.1	-5.7	2.0	2	J
4												
5												
6												
7												
8	454	6.6	67	J	5.2	-3	291	1.8	-4.7	-0.2	2	J
9	442	6.5	89	J	5.0	-16	306	2.7	-3.8	-1.1	2	J
10	440	6.5	92	J	4.8	-21	323	3.2	-2.5	-1.4	2	J
11	446	6.5	83	J	4.7	-22	331	3.4	-2.0	-1.4	2	J
12	453	6.8	50	J	4.4	-1	307	2.4	-3.2	0.2	2	J
13	462	6.8	37	J	4.3	12	274	0.3	-3.9	1.1	1	J
14	450	6.2	71	J	3.9	8	306	2.0	-2.7	0.6	2	J
15	442	6.5	118	J	3.8	-5	357	3.4	-0.2	-0.3	2	J
16	443	6.8	87	J	3.5	-12	356	2.9	-0.2	-0.6	2	J
17	449	7.0	65	J	3.9	22	279	0.4	-2.7	0.7	3	J
18	461	7.7	41	J	4.2	-13	290	1.1	-2.9	-1.3	2	J
19	462	9.0	39	J	4.2	5	268	-0.1	-3.5	-0.5	2	J
20	455	8.4	40	J	4.4	-47	339	2.2	-0.1	-2.7	3	J
21	449	8.7	58	J	4.7	-18	357	3.4	0.2	-1.1	3	J
22	442	8.8	74	J	4.9	-8	348	4.5	-0.7	-0.9	2	J
23	452	9.1	65	J	4.1	-19	315	1.9	-1.5	-1.5	3	J
24	458	9.4	49	J	4.3	3	258	-0.6	-2.7	-0.8	3	J

JUN. 4, 1986 — 155

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	442	10.3	85	J	3.8	17	300	1.2	-2.2	0.1	3	J
	450	9.8	61	J	5.5	-24	315	2.7	-2.2	-2.4	4	J
	429	9.4	55	J	5.4	-20	297	2.2	-3.8	-2.7	2	J
	420	9.3	43	J	5.2	-10	299	2.4	-4.2	-1.7	1	J
	424	9.1	37	J	5.0	0	270	-0.0	-4.3	-0.6	2	J
	411	10.5	42	J	8.1	-31	327	5.7	-4.0	-3.8	2	J
	408	10.6	51	J	7.7	-50	338	4.1	-2.2	-5.1	3	J
	410	8.2	63	J	6.9	-8	307	3.5	-4.7	-0.4	4	J
	419	7.2	55	J	6.4	-7	283	1.2	-5.4	-0.3	3	J
	417	6.2	61	J	5.6	2	279	0.8	-5.0	0.4	2	J
	406	5.9	87	J	5.0	9	313	3.1	-3.3	0.7	2	J
	396	6.5	112	J	5.0	9	331	4.2	-2.4	0.6	1	J
	395	6.0	59	J	5.5	4	332	4.8	-2.6	0.1	1	J
	390	7.7	49	J	4.9	-20	311	2.9	-3.0	-2.2	1	J
	377	8.5	28	J	4.5	-7	305	2.4	-3.2	-1.3	1	J
	378	8.4	28	J	4.2	-2	291	1.4	-3.6	-1.2	1	J
	378	8.2	29	J	3.8	1	299	1.6	-2.8	-0.8	2	J
	382	8.0	30	J	3.6	21	273	0.2	-3.3	0.1	2	J
	381	7.9	35	J	3.5	50	273	0.1	-2.8	1.7	1	J
	378	7.9	30	J	3.0	-66	290	0.3	-0.2	-2.4	2	J

JUN. 5, 1986 — 156

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	380	9.4	33	J	3.8	16	273	0.2	-3.2	-0.1	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	389	10.7	23	J	4.3	19	174	-4.0	0.6	1.4	1	J
13	382	11.3	27	J	4.2	25	146	-3.1	2.2	1.5	1	J
14	379	12.2	31	J	4.1	26	135	-2.5	2.6	1.6	1	J
15	374	12.4	25	J	4.1	15	90	0.0	3.7	0.9	1	J
16	374	11.8	34	J	3.8	9	37	2.6	1.9	0.6	2	J
17	376	9.4	38	J	4.7	-12	14	4.2	1.1	-0.8	2	J
18	381	9.5	43	J	4.6	-16	17	4.0	1.4	-1.0	1	J
19	386	11.2	55	J	3.0	11	31	2.0	1.1	0.7	2	J
20	377	11.1	30	J	4.6	50	349	2.4	-1.2	2.7	3	J
21												
22												
23												
24												

JUN. 6, 1986 — 157

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	378	9.8	37	J	6.7	-13	298	3.1	-5.3	-2.7	1	J
	382	11.1	44	J	6.2	-10	302	3.0	-4.6	-1.8	2	J
	396	13.3	72	J	3.9	27	213	-2.5	-1.8	1.3	2	J
	393	10.3	64	J	5.8	-54	23	3.0	1.2	-4.6	1	J
	401	10.9	61	J	5.6	-71	354	1.7	0.0	-4.8	2	J
	393	10.3	80	J	6.2	-35	335	4.5	-1.7	-3.6	2	J
	384	10.5	80	J	6.5	-17	332	5.4	-2.5	-2.3	1	J
	373	12.1	61	J	5.7	-12	331	4.8	-2.3	-1.7	1	J
	367	12.0	75	J	5.3	3	347	5.1	-1.2	-0.0	1	J
	372	11.6	59	J	4.9	24	339	3.6	-1.8	1.2	2	J
	391	11.8	55	J	5.3	59	51	1.6	0.5	4.5	2	J
	387	13.7	47	J	4.8	77	46	0.7	-0.7	4.6	1	J
	386	13.0	45	J	5.1	77	45	0.8	-0.7	4.9	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 11, 1986							162
1												
2												
3												
4												
5												
6												
7												
8												
9	372	7.3	39	J	4.9	-38	10	3.7	0.3	-3.0	1	J
10	363	6.7	53	J	5.1	-16	357	4.7	-0.4	-1.3	1	J
11	368	7.0	58	J	4.6	-19	6	4.0	0.2	-1.4	2	J
12	373	9.1	68	J	5.1	-19	37	3.4	2.3	-1.8	2	J
13	384	8.0	56	J	5.7	23	310	2.9	-3.2	2.3	3	J
14	392	7.1	42	J	5.4	3	326	2.2	-1.5	0.3	5	J
15	403	15.1	37	J	3.7	-11	334	3.2	-1.6	-0.6	2	J
16	410	17.6	24	J	2.6	4	353	2.3	-0.3	0.2	1	J
17	409	17.0	24	J	2.5	-6	353	2.4	-0.3	-0.3	1	J
18	409	12.3	22	J	2.4	1	345	2.1	-0.6	-0.0	1	J
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 12, 1986							163
373	10.9	23	J	4.5	-7	144	-3.5	2.6	0.1	1	J	
386	13.4	29	J	3.4	-18	98	-0.3	2.5	-0.2	2	J	
384	13.6	33	J	4.5	6	151	-3.0	1.6	0.7	3	J	
387	17.6	31	J	4.3	-8	103	-0.8	3.7	-0.1	2	J	
390	16.2	29	J	4.4	-41	53	1.6	2.3	-2.2	3	J	
380	16.4	25	J	4.4	37	136	-2.3	2.2	2.5	2	J	
385	15.1	34	J	4.7	54	224	-1.6	-1.4	3.0	3	J	
388	15.3	37	J	5.0	20	261	-0.6	-3.4	1.6	3	J	
394	11.8	48	J	4.8	36	260	-0.5	-2.8	2.6	3	J	
397	11.8	55	J	5.0	23	280	0.5	-2.5	1.5	4	J	
402	11.4	62	J	4.2	-22	337	3.1	-1.5	-1.1	2	J	
408	11.9	63	J	3.7	6	333	2.2	-1.1	0.4	3	J	
413	13.3	42	J	4.8	26	269	-0.1	-3.7	2.5	2	J	
409	18.6	39	J	2.8	34	282	0.4	-1.9	1.6	2	J	
405	15.0	44	J	4.1	42	298	1.4	-2.4	2.8	2	J	
400	15.2	57	J	3.9	10	322	2.6	-2.1	0.6	2	J	
398	18.7	49	J	4.0	11	317	1.8	-1.7	0.4	3	J	
400	19.7	47	J	4.2	-5	298	1.2	-2.2	-0.5	4	J	
406	15.3	47	J	6.7	-19	19	5.9	2.4	-1.8	2	J	
410	17.2	68	J	7.1	-13	339	6.2	-2.0	-2.0	2	J	
435	14.5	63	J	5.7	16	214	-4.5	-3.4	0.7	1	J	
422	10.5	61	J	7.0	7	304	3.2	-4.7	-0.6	4	J	
415	8.9	47	J	6.7	-21	325	4.7	-2.6	-3.0	3	J	
412	7.5	49	J	4.9	3	322	3.5	-2.7	-0.5	2	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 13, 1986							164
1	417	8.2	54	J	4.0	13	304	1.3	-2.0	0.1	3	J
2	425	7.9	62	J	4.1	23	264	-0.4	-3.7	0.7	2	J
3	425	8.5	78	J	4.4	-14	304	2.0	-2.7	-1.3	3	J
4	422	9.3	66	J	4.3	17	265	-0.3	-3.5	0.6	2	J
5	421	8.9	49	J	4.3	11	264	-0.4	-3.5	0.4	3	J
6	429	8.4	48	J	5.3	-8	246	-2.0	-4.4	-0.7	2	J
7	416	8.8	44	J	5.1	-7	278	0.6	-3.9	-0.3	3	J
8	405	7.7	43	J	5.0	17	289	1.5	-4.2	1.8	2	J
9	391	8.6	66	J	5.3	1	318	3.9	-3.4	0.5	1	J
10	404	8.5	42	J	5.2	14	278	0.6	-4.4	1.8	2	J
11	393	8.8	42	J	5.0	15	291	1.7	-4.1	1.9	2	J
12	397	9.5	55	J	4.9	-6	301	2.1	-3.5	0.1	3	J
13	416	5.0	53	J	6.1	-16	344	5.6	-1.8	-1.4	1	J
14	408	7.9	43	J	4.4	-6	309	2.3	-2.9	-0.1	3	J
15	416	10.8	54	J	5.3	-7	301	2.1	-3.6	-0.3	3	J
16	426	9.3	79	J	5.4	-11	324	3.3	-2.4	-0.8	4	J
17	429	8.3	80	J	7.3	-23	2	6.6	0.4	-2.8	1	J
18	450	7.7	69	J	6.6	-19	341	5.5	-1.7	-2.2	3	J
19	448	6.7	83	J	6.4	-13	337	5.6	-2.1	-1.8	1	J
20	441	5.6	109	J	4.7	-3	336	4.1	-1.7	-0.6	1	J
21	450	7.3	99	J	4.0	-4	323	2.5	-1.8	-0.7	3	J
22	444	7.3	84	J	4.6	8	322	3.5	-2.8	-0.1	1	J
23	431	8.4	95	J	5.0	9	358	4.8	-0.4	0.7	1	J
24	426	9.6	75	J	4.0	13	20	1.5	0.4	0.5	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 14, 1986							165
419	10.4	68	J	3.7	-8	324	2.6	-1.7	-0.9	2	J	
421	11.3	49	J	4.6	17	229	-2.1	-2.5	0.5	3	J	
425	12.2	42	J	5.2	-3	206	-4.3	-2.0	-0.6	2	J	
396	13.7	51	J	2.7	0	3	2.6	0.1	0.0	1	J	
389	11.6	51	J	2.7	-12	358	2.1	-0.1	-0.4	2	J	
382	11.5	36	J	2.5	1	328	1.5	-1.0	0.1	2	J	
388	11.9	38	J	2.8	3	331	2.3	-1.2	0.2	1	J	
385	11.7	38	J	2.6	-13	6	2.3	0.2	-0.6	1	J	
383	9.9	37	J	3.3	-3	357	2.8	-0.2	-0.1	2	J	
387	8.8	45	J	3.7	-26	330	2.9	-1.9	-1.3	1	J	
386	9.4	42	J	3.4	-18	342	3.0	-1.1	-0.8	1	J	
380	9.7	40	J	3.3	-7	343	3.0	-1.0	-0.2	1	J	
379	9.5	32	J	3.2	-9	348	3.0	-0.7	-0.4	1	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 15, 1986							166
1												
2												
3												
4												
5												
6												
7	377	14.2	22	J	2.3	-33	163	-1.7	0.5	-1.2	1	J
8	369	11.5	24	J	2.7	-19	184	-2.3	-0.2	-0.8	1	J
9	362	8.7	24	J	3.3	-11	193	-3.1	-0.8	-0.5	1	J
10	368	9.1	20	J	3.6	-14	205	-3.1	-1.6	-0.6	1	J
11	369	10.3	19	J	3.6	-26	208	-2.7	-1.7	-1.2	1	J
12	376	12.2	26	J	2.8	0	134	-1.5	1.6	-0.3	2	J
13	378	12.7	26	J	2.7	-46	169	-1.6	0.0	-1.8	1	J
14	374	10.9	26	J	3.4	-21	178	-2.9	-0.0	-1.1	2	J
15	378	7.8	31	J	4.6	-45	176	-3.2	-0.0	-3.3	1	J
16	374	7.9	27	J	4.4	-36	179	-3.6	-0.0	-2.6	0	J
17												
18												
19												
20												
21	371	13.4	19	J	2.7	52	126	-1.0	0.8	2.4	0	J
22	375	14.8	22	J	1.9	81	7	0.2	-0.3	1.1	2	J
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 16, 1986							167
365	17.8	25	J	4.5	32	294	1.5	-3.1	2.8	1	J	
366	21.5	21	J	3.0	48	69	0.3	1.0	0.8	3	J	
370	24.5	20	J	2.3	50	56	0.7	1.3	1.3	2	J	
372	18.8	26	J	5.1	40	77	0.8	4.2	2.4	2	J	
363	18.0	39	J	5.5	-4	113	-2.0	4.6	-1.1	2	J	
359	19.7	42	J	5.9	-9	112	-2.1	5.1	-1.6	2	J	
369	19.7	31	J	5.9	3	83	0.6	5.1	-0.2	3	J	
363	20.0	44	J	4.9	46	71	0.5	1.5	1.5	4	J	
360	16.4	45	J	5.5	-51	152	-2.5	1.4	-3.5	3	J	
360	16.0	44	J	4.3	-2	248	-0.4	-1.1	-0.1	4	J	
361	13.7	54	J	4.7	-44	182	-2.9	0.3	-2.8	3	J	
359	12.9	64	J	4.1	-4	171	-3.1	0.5	-0.1	3	J	
364	12.9	45	J	4.0	56	220	-0.8	-1.0	1.4	3	J	
375	13.5	44	J	3.8	8	39	2.4	1.8	0.9	2	J	
360	12.2	49	J	3.6	59	152	-0.6	0.0	1.2	3	J	
349	14.5	44	J	4.0	27	197	-3.1	-1.3	1.4	2	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 17, 1986							168
1	349	15.2	36	J	3.6	31	178	-2.7	-0.3	1.6	2	J
2	350	16.3	34	J	3.4	33	165	-2.3	0.3	1.6	2	J
3	346	17.1	35	J	3.5	-6	177	-3.2	0.2	-0.3	1	J
4	348	16.5	29	J	3.0	10	168	-2.8	0.5	0.6	1	J
5	360	24.1	34	J	3.3	-26	187	-2.9	-0.3	-1.4	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	435	17.3	119	J	4.3	-16	194	-3.5	-0.8	-1.0	2	J
18	436	15.7	101	J	5.3	-17	181	-5.0	0.0	-1.5	1	J
19	428	16.0	69	J	5.6	-7	167	-5.3	1.3	0.5	1	J
20	420	16.9	60	J	5.7	4	174	-5.7	0.5	0.5	1	J
21	416	12.3	50	J	4.3	2	175	-4.2	0.3	0.2	1	J
22	417	12.5	60	J	4.0	-8	176	-3.9	0.4	-0.5	1	J
23	409	13.1	68	J	3.7	-12	182	-3.5	0.1	-0.8	1	J
24	398	16.2	58	J	3.0	13	214	-2.3	-1.3	1.0	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 18, 1986							169
390	20.4	37	J	2.4	3	221	-1.7	-1.5	-0.2	1	J	
388	18.8	39	J	3.2	-10	242	-1.4	-2.5	-1.0	1	J	
415	9.3	70	J	4.1	47	84	0.2	1.4	2.0	3	J	
423	8.5	72	J	4.5	70	315	0.9	-1.5	3.2	3	J	
420	7.3	58	J	3.7	26	91	-0.0	2.2	1.7	3	J	
408	6.3	57	J	3.2	28	163	-2.3	0.4	1.4	2	J	
407	6.1	45	J	3.5	57	205	-1.3	-1.1	2.0	2	J	
407	5.5	42	J	3.1	53	237	-0.8	-1.7	1.7	2	J	

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	402	4.7	38	J	3.0	4	256	-0.6	-2.3	-0.3	2	J
2	402	5.5	37	J	3.7	42	246	-0.9	-2.3	1.6	2	J
3	403	6.0	37	J								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

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VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
311	18.8	13	J	5.6	-6	293	2.0	-4.5	-1.2	2	J
308	20.0	13	J	5.6	-10	294	2.1	-4.7	-1.4	2	J
310	20.6	14	J	5.7	-15	307	3.2	-4.2	-1.6	1	J
311	17.6	15	J	5.7	-37	312	3.0	-3.3	-3.4	1	J
309	21.4	14	J	4.8	-35	314	2.5	-2.7	-2.4	2	J
313	21.6	15	J	4.2	-11	300	1.8	-3.1	-0.4	2	J
311	22.2	15	J	3.2	-31	354	2.4	-0.5	-1.4	2	J
319	20.1	20	J	3.7	-11	34	2.4	1.5	-0.8	2	J
313	20.8	19	J	2.5	14	37	0.7	0.6	0.1	2	J
308	22.1	15	J	1.4	61	120	-0.3	0.7	0.8	1	J
309	19.7	16	J	2.1	17	155	-1.4	0.7	0.3	1	J
310	24.6	16	J	1.7	-5	347	1.4	-0.3	-0.1	1	J
308	22.9	15	J	1.8	2	329	0.5	-0.3	0.1	2	J
307	21.5	15	J	2.0	-3	187	-1.5	-0.2	-0.1	1	J
306	20.6	15	J	2.3	-3	188	-2.0	-0.3	-0.1	1	J
306	22.1	13	J	2.2	22	262	-0.3	-1.8	0.8	1	J
301	9.6	21	J	3.9	11	125	-2.0	2.7	1.2	1	J
306	9.2	22	J	4.2	7	144	-3.3	2.3	1.0	1	J
301	9.9	19	J	3.4	20	146	-2.3	1.3	1.3	2	J

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1	294	17.9	14	J	1.5	5	54	0.4	0.5	0.1	1	J
2	299	23.4	13	J	2.0	-7	85	0.1	1.6	0.0	1	J
3	304	21.2	13	J	4.0	27	84	0.4	3.3	2.1	1	J
4	311	28.5	16	J	5.5	-19	72	1.5	4.7	-1.5	2	J
5	313	25.6	19	J	7.6	-2	90	0.0	7.2	-0.3	2	J
6	317	30.3	23	J	8.2	5	95	-0.6	7.4	0.2	3	J
7	328	33.3	26	J	9.4	-14	89	0.1	7.9	-2.9	4	J
8	329	36.9	25	J	9.3	-8	86	0.5	7.2	-2.2	6	J
9	331	42.0	29	J	7.8	29	90	0.0	5.7	1.8	6	J
10	338	45.5	37	J	6.4	83	119	-0.3	1.4	4.2	5	J
11	338	41.2	36	J	8.3	-5	272	0.0	-1.2	0.2	8	J
12	342	19.3	74	J	10.3	14	101	-1.6	8.4	0.1	6	J
13	353	11.6	124	J	9.8	34	93	-0.4	8.8	3.4	3	J
14	355	12.8	155	J	8.0	-21	136	-4.6	3.9	-3.3	4	J
15	352	12.7	106	J	8.9	8	122	-4.4	7.1	0.1	3	J
16	358	11.6	104	J	9.3	-7	102	-1.6	7.4	-1.7	5	J
17	364	11.0	109	J	8.0	-37	111	-1.9	4.8	-4.2	5	J
18	368	10.3	105	J	8.2	-18	121	-4.0	6.7	-2.3	1	J
19	372	10.6	72	J	7.6	58	152	-3.5	1.3	6.5	1	J
20	379	10.8	81	J	7.0	60	193	-1.7	-0.8	2.9	6	J
21	390	9.0	67	J	6.6	40	317	3.6	-4.0	3.5	1	J
22	392	7.8	60	J	6.3	52	326	3.1	-2.9	4.3	2	J
23												
24	379	6.4	51	J	5.4	4	122	-2.6	4.1	1.1	2	J

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378	6.0	54	J	5.0	-1	113	-1.9	4.4	0.6	1	J
379	5.8	45	J	4.7	10	109	-1.3	3.5	1.1	3	J
377	6.2	34	J	4.6	16	100	-0.7	4.0	1.5	2	J
372	6.6	36	J	4.4	23	105	-1.0	3.6	1.7	2	J
370	6.8	41	J	3.9	24	95	-0.3	3.3	1.4	2	J
363	8.3	35	J	3.6	10	106	-0.9	3.2	0.4	1	J
359	8.8	32	J	3.4	-6	95	-0.3	3.1	-0.7	1	J
346	11.7	24	J	2.4	33	213	-0.8	-0.4	0.7	2	J
338	13.5	24	J	2.5	2	165	-2.3	0.6	-0.0	1	J
337	13.0	17	J	3.3	32	133	-1.9	2.3	1.2	1	J
337	12.8	16	J	3.8	25	112	-1.2	3.3	0.7	1	J
337	13.1	17	J	3.6	12	110	-1.2	3.3	-0.1	1	J
319	18.7	17	J	3.3	21	109	-0.9	2.5	1.6	1	J
324	18.2	20	J	5.0	2	120	-2.0	3.4	0.7	3	J

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1	321	20.6	15	J	4.3	-2	125	-2.3	3.3	0.4	2	J
2	329	24.3	15	J	4.6	-13	125	-2.1	3.1	-0.5	3	J
3												
4	331	14.5	24	J	6.4	73	124	-1.0	1.3	5.7	3	J
5	328	13.4	24	J	6.8	16	240	-2.6	-4.5	1.6	4	J
6	326	11.3	24	J	6.8	-2	233	-3.5	-4.7	0.2	3	J
7	332	12.6	25	J	5.9	-20	239	-2.7	-4.6	-1.3	2	J
8	332	15.0	30	J	6.7	3	184	-5.4	-0.3	0.3	4	J
9	336	12.1	27	J	6.1	21	86	0.4	5.9	0.9	1	J
10	338	12.4	26	J	6.3	-1	79	1.0	5.0	-1.3	3	J
11	336	12.9	27	J	5.4	27	116	-2.0	4.5	1.2	2	J
12	328	12.3	28	J	5.5	7	115	-2.2	4.8	-0.6	1	J
13	326	12.3	27	J	5.4	8	116	-2.3	4.7	-0.4	1	J
14	327	13.3	25	J	5.4	16	123	-2.7	4.4	0.5	1	J
15	322	14.6	29	J	5.2	24	188	-4.3	-0.3	2.0	2	J
16	321	15.8	26	J	5.2	13	153	-3.9	2.1	0.8	3	J
17	321	17.5	18	J	4.5	10	121	-2.2	3.7	0.6	1	J
18	316	19.0	14	J	4.6	3	115	-1.9	4.1	0.3	1	J
19	315	18.7	14	J	4.7	-4	115	-1.9	4.2	-0.0	1	J
20	317	17.8	19	J	4.4	-12	210	-2.9	-1.6	-0.9	3	J
21	319	13.6	23	J	4.9	-30	237	-2.3	-3.1	-2.9	1	J
22	321	15.1	30	J	4.6	-19	227	-2.9	-2.8	-2.0	1	J
23	321	17.0	24	J	4.3	-24	213	-2.1	-1.1	-1.3	3	J
24	320	15.6	28	J	4.6	-10	138	-2.6	2.4	-0.2	3	J

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319	14.5	31	J	4.8	-8	131	-3.0	3.5	-0.1	2	J
320	14.5	34	J	5.0	-18	128	-2.8	3.7	-1.0	2	J
318	13.6	37	J	5.2	-47	179	-3.3	0.3	-3.5	2	J
318	14.1	43	J	4.7	-51	174	-2.8	0.4	-3.4	1	J
347	12.1	34	J	7.5	-32	118	-2.9	5.1	-4.3	2	J
349	13.1	33	J	7.6	-8	115	-3.0	6.2	-1.8	2	J
353	14.2	33	J	7.8	36	107	-1.8	6.6	3.3	2	J
341	17.4	30	J	7.3	-10	131	-4.6	4.9	-2.3	2	J
344	28.2	18	J	5.8	-16	125	-2.9	3.6	-2.4	3	J
359	43.9	20	J	4.6	3	127	-2.0	2.7	-0.5	3	J
373	62.4	26	J	4.3	5	301	1.2	-1.9	0.7	4	J
378	54.0	50	J	8.7	-6	300	2.2	-3.9	0.5	8	J
384	48.4	47	J	12.6	-57	287	1.6	-6.9	-7.1	8	J
420	25.4	144	J	14.0	24	300	4.6	-7.1	5.4	11	J
469	13.8	211	J	17.3	46	297	4.0	-6.7	10.0	12	J
481	13.7	261	J	14.5	0	300	6.5	-11.2	0.6	6	J
481	17.0	232	J	13.5	-33	305	6.3	-8.9	-7.1	4	J
482	14.4	233	J	13.2	-17	303	6.0	-9.0	-3.9	6	J
498	13.7	246	J	14.0	-23	300	5.2	-8.5	-5.4	8	J
492	12.2	244	J	14.5	-13	309	7.6	-8.9	-4.1	7	J
508	11.8	223	J	12.5	-15	329	9.5	-5.2	-3.9	5	J
555	6.5	119	J	8.5	-24	334	6.3	-2.5	-3.6	4	J
569	5.7	78	J	7.5	-29	335	5.7	-2.1	-3.9	2	J

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1	549	5.4	82	J	8.1	-20	346	7.2	-1.4	-2.9	2	J
2	543	6.3	100	J	9.1	-23	338	7.3	-2.6	-3.7	3	J
3	519	7.4	146	J	9.5	-39	359	6.8	0.2	-5.5	3	J
4	485	8.6	111	J	9.8	-27	355	8.4	-0.7	-4.3	2	J
5	487	9.1	126	J	10.2	-30	7	8.5	0.9	-5.0	2	J
6												
7												
8	472	13.9	173	J	11.8	-17	333	9.5	-5.4	-2.3	4	J
9	457	11.8	42	J	11.4	7	343	10.5	-2.8	2.0	3	J
10	466	10.8	83	J	10.9	29	336	8.3	-2.3	5.8	3	J
11	486	7.0	102	J	12.9	36	327	8.6	-3.4	8.7	2	J
12	475	6.0	84	J	13.3	25	314	8.2	-6.7	7.5	3	J
13	473	5.8	100	J	13.1	10	305	7.2	-9.4	4.7	3	J
14	467	6.1	102	J	11.9	0	305	6.6	-9.2	2.1	3	J
15	480	5.6	113	J	10.9	14	286	2.7	-8.8	4.1	4	J
16	484	5.1	108	J	10.4	22	268	-0.3	-9.0	5.0	2	J
17	479	4.8	88	J	8.8	23	270	-0.0	-7.7	3.9	2	J
18	477	5.7	99	J	8.3	21	299	3.5	-6.3	2.8	3	J
19	498	5.8	88	J	8.0	16	291	2.6	-6.8	1.7	3	J
20	502	5.0	83	J	7.2	0	310	4.4	-5.3	-0.5	2	J
21	506	5.0	62	J	6.0	21	311	3.5	-4.3	1.5	2	J
22	513	4.2	86	J	5.7	-2	301	2.8	-4.5	-0.9	2	J
23	513	4.1	79	J	5.4	-5	294	1.8	-3.9	-1.0	3	J
24	525	4.1	100	J	5.1	-5	278	0.7	-4.8	-1.2	1	J

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490	9.1	91	J	5.5	20	81	0.6	4.0	0.3	4	J
484	8.9	111	J	6.1	-26	30	4.3	1.7	-3.0	3	J
478	9.1	124	J	7.2	-27	6	6.3	-0.2	-3.3	1	J
474	10.0	148	J	6.8	-21	354	6.2	-1.2	-2.2	1	J
484	10.0	111	J	6.6	-26	6	5.5	0.1	-2.8	2	J
499	9.8	135	J	6.9	-2	16	6.2	1.7	-0.5	2	J
496	9.7	158	J	6.3	-8	349	5.6	-1.2	-0.7	2	J
503	10.5	114	J	6.6	-12	332	5.2	-2.8	-1.2	3	J
537	10.9	209	J	4.9	-3	316	3.0	-2.9	-0.4	3	J
540	11.4	196	J	5.4	12	291	1.5	-4.0	0.5	3	J
513	7.7	67	J	7.2	-18	354	6.7	-0.4	-2.3	2	J
509	7.4	61	J	6.9	-4	348	6.3	-1.3	-0.7	2	J
513	6.6	69	J	6.8	-1	5	6.2	0.6	-0.0	3	J
525	8.7	152	J	6.0	4	333	4.4	-2.3	0.0	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 30, 1986							181
1	513	6.5	71	J	7.0	-2	328	5.6	-3.4	-0.7	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	514	6.8	64	J	4.7	-1	227	-2.9	-3.0	0.7	2	J
15	489	7.7	82	J	5.3	1	255	-1.1	-3.9	0.8	3	J
16	475	8.9	77	J	5.8	-13	293	1.9	-4.5	-0.5	3	J
17	489	8.1	109	J	5.9	-7	286	0.8	-3.0	-0.1	5	J
18	508	9.2	117	J	5.7	29	156	-1.2	0.5	0.7	5	J
19	538	7.8	187	J	3.7	30	190	-2.4	-0.5	1.4	3	J
20												
21												
22												
23	560	8.4	174	J	6.1	-41	33	3.4	2.7	-3.2	3	J
24	569	7.0	180	J	5.9	-26	48	3.2	3.9	-1.8	2	J
					JUL. 1, 1986							182
	572	8.0	169	J	4.7	17	2	1.6	-0.0	0.5	4	J
	557	8.8	159	J	4.8	23	320	2.5	-2.2	1.2	3	J
	556	7.6	168	J	4.7	23	304	2.2	-3.3	1.5	2	J
	554	6.9	155	J	5.1	7	328	3.6	-2.3	0.5	3	J
					6.2	-18	341	5.1	-1.9	-1.7	3	J
					11.5	9	322	8.9	-6.4	3.1	1	J
					11.7	21	326	9.0	-5.4	5.0	2	J
					10.6	25	320	7.1	-5.5	4.8	3	J
					JUL. 5, 1986							186
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23					4.2	-5	314	2.7	-2.7	-0.7	1	J
24	474	11.1	84	J	4.8	-17	327	3.6	-2.2	-1.6	1	J
					JUL. 6, 1986							187
	462	10.1	48	J	6.3	-10	314	4.0	-4.0	-1.3	2	J
	470	10.1	51	J	6.2	-5	312	2.5	-2.8	-0.5	5	J
	465	10.2	50	J	6.1	-8	330	4.3	-2.5	-0.7	3	J
	457	9.1	51	J	6.1	-4	313	3.9	-4.2	-0.2	2	J
	461	6.6	42	J	6.0	5	306	3.4	-4.6	0.9	1	J
	459	5.8	36	J	5.5	3	301	2.7	-4.4	0.9	2	J
	453	5.3	41	J	4.8	10	309	2.7	-3.2	1.4	2	J
	454	7.8	35	J	3.7	4	269	-0.1	-3.3	1.1	1	J
	453	8.0	36	J	3.7	5	265	-0.3	-3.4	1.3	1	J
	441	9.2	43	J	3.5	-1	246	-1.3	-2.8	0.8	1	J
	423	9.6	35	J	3.1	1	290	0.9	-2.2	0.8	2	J
	411	10.0	28	J	3.2	4	330	2.2	-1.2	0.6	2	J
	400	10.0	25	J	3.5	-6	309	1.8	-2.2	0.4	2	J
					JUL. 7, 1986							188
1												
2												
3												
4												
5												
6												
7	364	14.0	18	J	2.4	50	129	-0.7	1.1	1.1	2	J
8	364	13.7	16	J	2.9	10	61	1.1	1.9	-0.1	2	J
9	369	17.9	15	J	2.2	9	63	0.8	1.5	-0.2	1	J
10	370	18.7	17	J	1.8	22	232	-0.9	-0.9	0.9	1	J
11	370	20.5	16	J	1.7	25	98	-0.2	1.5	0.2	1	J
12	369	19.3	17	J	2.1	11	54	1.1	1.5	-0.1	1	J
13	370	17.0	18	J	2.7	-10	46	1.8	1.6	-1.0	1	J
14	367	15.9	17	J	2.1	-24	45	1.3	1.0	-1.1	1	J
15	369	13.7	18	J	2.7	-33	10	2.2	0.0	-1.5	1	J
16	367	11.6	23	J	2.5	-36	343	1.8	-0.8	-1.2	1	J
17	376	10.1	28	J	2.4	-19	359	2.0	-0.1	-0.7	1	J
18	374	11.8	27	J	2.1	71	285	0.1	-0.4	1.5	1	J
19												
20	377	11.1	28	J	3.5	20	293	1.1	-2.7	1.0	2	J
21	376	11.0	27	J	3.4	-32	294	0.8	-1.8	-1.4	2	J
22	375	10.5	28	J	3.4	5	342	2.4	-0.8	0.1	2	J
23	371	11.1	25	J	3.9	-7	301	1.8	-2.9	-0.7	2	J
24	370	13.8	26	J	4.2	-3	289	1.2	-3.5	-0.5	2	J
					JUL. 8, 1986							189
	368	10.5	27	J	4.7	-20	320	3.2	-2.6	-1.7	1	J
	388	11.1	47	J	2.7	28	278	0.2	-1.6	0.9	2	J
	386	11.7	49	J	2.3	32	309	0.7	-0.9	0.8	2	J
	393	11.4	55	J	2.9	2	12	2.3	0.5	0.0	2	J
	392	8.9	51	J	4.7	-21	319	3.2	-3.0	-1.2	1	J
	403	13.6	44	J	4.6	2	314	2.7	-2.7	0.7	2	J
	408	14.6	25	J	6.3	50	161	-3.7	2.4	4.2	2	J
	398	15.0	31	J	6.4	53	167	-3.6	2.2	4.4	2	J
	389	13.0	32	J	6.2	70	198	-1.6	1.0	4.5	4	J
	388	11.9	51	J	5.9	53	295	1.3	-1.3	4.9	3	J
	375	12.1	26	J	6.0	12	315	4.1	-3.5	2.5	1	J
	378	12.1	38	J	5.7	11	299	2.6	-4.1	2.4	2	J
	381	13.7	55	J	6.1	-17	326	4.7	-3.5	-0.7	2	J
	380	13.6	59	J	6.5	-27	342	5.2	-2.3	-2.3	2	J
	375	12.1	39	J	5.9	-46	18	3.7	0.4	-4.2	2	J
	376	11.2	35	J	5.2	-54	336	2.2	-1.4	-3.2	3	J
	366	9.0	41	J	5.6	-41	6	4.1	0.2	-3.6	1	J
	373	8.3	29	J	5.2	-40	44	2.9	2.7	-3.4	1	J
	372	9.2	28	J	5.4	-55	29	2.7	1.6	-4.3	1	J
	382	9.5	43	J	5.4	-34	353	3.8	-0.3	-2.6	3	J
	392	8.7	57	J	5.7	-36	342	4.2	-1.1	-3.3	2	J
	390	8.1	75	J	4.7	-15	315	2.5	-2.4	-1.2	3	J
	413	7.6	58	J	4.1	-11	302	1.9	-2.9	-0.9	2	J
					JUL. 9, 1986							190
1	421	6.4	42	J	4.5	-12	279	0.6	-4.0	-1.1	2	J
2	419	8.4	42	J	3.0	-16	319	2.1	-1.8	-0.9	1	J
3	409	4.8	33	J	5.0	-7	324	4.0	-2.9	-0.6	0	J
4												
5												
6	415	6.8	73	J	5.5	-22	344	4.8	-1.7	-1.8	1	J
7	410	6.4	72	J	5.5	-17	337	4.8	-2.3	-1.1	1	J
8	412	8.6	68	J	4.7	10	335	3.1	-1.2	1.0	3	J
9	400	12.8	41	J	4.2	28	358	3.2	0.4	1.6	2	J
10	388	12.3	33	J	4.6	6	11	4.3	0.9	0.2	2	J
11	416	8.6	48	J	6.2	3	21	5.3	2.0	-0.4	3	J
12	441	6.6	67	J	6.5	-9	41	4.8	3.6	-2.3	1	J
13	438	6.4	78	J	6.1	-20	37	4.5	2.5	-3.0	1	J
14	429	6.1	60	J	6.5	-26	344	4.9	-2.1	-2.0	3	J
15	422	6.9	47	J	6.3	-9	316	4.3	-4.3	0.1	2	J
16	418	7.2	37	J	6.3	28	312	3.5	-3.3	3.6	2	J
17	423	7.0	46	J	5.7	21	282	1.0	-4.6	2.6	2	J
18	429	7.2	51	J	5.3	48	264	-0.4	-3.1	4.1	2	J
19	427	9.1	88	J	2.8	77	231	-0.3	-0.3	2.3	2	J
20	427	8.7	80	J	5.3	18	316	2.9	-2.9	1.3	3	J
21	412	10.0	45	J	4.0	43	346	2.6	-0.8	2.5	2	J
22	406	10.5	72	J	3.5	37	337	2.5	-1.2	2.0	1	J
23	413	11.4	45	J	5.3	28	338	3.8	-1.7	2.0	3	J
24	424	10.5	46	J	6.1	-2	306	3.3	-4.5	-0.5	2	J
					JUL. 10, 1986							191
	411	9.8	42	J	6.2	-23	332	4.7	-2.4	-2.4	2	J
	420	9.0	57	J	6.7	-11	329	4.8	-2.9	-1.2	3	J
	427	7.5	49	J	6.4	-4	304	3.4	-5.1	-0.3	2	J
	419	6.1	38	J	6.7	-19	307	3.8	-5.1	-1.8	1	J
	408	10.3	29	J	4.5	9	297	2.0	-3.6	1.5	1	J
	414	7.8	40	J	4.6	33	230	-1.9	-1.7	2.4	3	J
	394	6.8	32	J	5.9	22	288	1.3	-3.4	2.9	4	J
	389	6.4	52	J	4.7	0	318	3.2	-2.7	0.9	2	J
	375	5.9	28	J	4.9	-3	339	4.6	-1.7	0.4	1	J
	372	5.9	26	J	5.0	-9	339	4.3	-1.8	-0.1	2	J
	373	6.1	25	J	5.2	-15	335	4.6	-2.4	-0.6	1	J
	374	6.5	25	J	4.9	-7	338	4.5	-1.9	-0.0	1	J
	374	7.4	22	J	4.6	-6	342	4.4	-1.5	-0.1	0	J
	404	11.3	43	J								
	394	12.2	33	J	3.4	1	60	1.5	2.6	-0.2	2	J
	394	13.0	35	J	3.8	-1	150	-2.1	1.2	-0.1	3	J
	390	12.9	31	J	3.6	-11	245	-1.2	-2.7	-0.6	2	J
	381	14.5	25	J	3.1	24	268	-0.1	-2.5	1.0	2	J
	376	16.4	22	J	3.4	28	267	-0.1	-2.8	1.3	2	J
	375	15.1	20	J	4.1	4	239	-2.1	-3.4	0.0	1	J
	370	15.1	18	J	3.9	-2	253	-1.1	-3.6	-0.4	1	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	366	14.5	18	J	3.9	14	251	-1.2	-3.6	0.8	1	J
2	368	16.4	18	J	4.0	18	253	-1.1	-3.7	1.2	1	J
3	368	18.8	22	J	4.1	24	236	-2.0	-2.9	1.7	1	J
4	362	19.1	22	J	4.3	4	253	-1.2	-3.9	0.6	1	J
5	367	17.5	21	J	5.1	-2	267	-0.3	-5.1	0.5	1	J
6												
7												
8												
9	369	15.1	19	J	2.8	-20	16	2.1	0.3	-0.9	1	J
10	371	16.1	22	J	3.5	1	13	3.1	0.7	-0.2	1	J
11	368	14.4	17	J	3.9	7	327	3.2	-1.8	1.2	0	J
12	360	13.7	20	J	3.3	0	309	2.0	-2.3	0.9	1	J
13	355	12.6	21	J	3.4	-21	337	2.2	-1.2	-0.6	2	J
14	362	12.9	26	J	2.9	-22	14	2.4	0.3	-1.1	1	J
15	364	11.9	26	J	2.7	10	326	2.0	-1.2	0.8	1	J
16	361	11.3	24	J	2.3	69	257	-0.2	-0.3	2.0	1	J
17	363	10.4	23	J	2.9	-33	340	2.0	-1.0	-1.3	1	J
18	359	10.4	32	J	2.7	19	309	1.5	-1.8	1.0	1	J
19	360	8.8	34	J	3.8	-29	337	3.0	-1.3	-1.7	1	J
20	363	8.7	30	J	3.5	-31	332	2.6	-1.4	-1.8	1	J
21	365	8.5	30	J	3.5	-33	336	2.7	-1.1	-2.0	1	J
22	364	8.7	31	J	3.2	-41	338	2.1	-0.7	-2.0	1	J
23	369	9.2	28	J	3.2	-11	331	2.6	-1.4	-0.7	1	J
24	367	10.0	33	J	3.4	24	332	2.7	-1.5	1.3	0	J

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VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
368	12.5	23	J	2.3	31	331	1.4	-0.8	0.9	1	J
370	18.5	18	J	3.0	26	42	1.9	1.7	1.3	1	J
367	21.4	20	J	3.5	12	2	3.2	0.1	0.7	1	J
370	23.5	20	J	3.9	5	310	2.4	-2.9	0.6	1	J
340	13.3	23	J	2.9	33	244	-0.8	-1.1	1.7	2	J
352	20.4	22	J	2.4	1	317	1.5	-1.3	0.5	1	J
363	28.8	22	J	4.0	-21	318	2.6	-2.7	-0.5	1	J
362	25.7	27	J	4.6	-33	332	3.3	-2.4	-1.9	1	J
369	26.3	22	J	4.6	-38	8	3.4	-0.1	-2.7	2	J
362	26.1	32	J	3.7	-6	9	3.3	0.5	-0.4	2	J
364	19.6	31	J	3.4	12	322	2.1	-1.6	0.7	2	J
366	17.6	31	J	3.9	19	304	1.6	-2.3	1.1	3	J
370	24.8	22	J	3.1	11	329	2.3	-1.4	0.5	2	J
370	23.3	26	J	3.8	7	318	2.5	-2.3	0.3	2	J
369	19.4	27	J	4.2	15	287	1.0	-3.5	0.8	2	J
367	26.5	21	J	2.5	11	342	2.1	-0.7	0.4	1	J
365	25.6	23	J	3.1	-2	346	2.8	-0.7	-0.1	1	J

JUL. 13, 1986 194

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	365	24.9	25	J	3.5	-9	345	2.8	-0.7	-0.5	2	J
2	361	24.9	28	J	3.2	-22	307	1.5	-1.9	-1.0	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	378	15.8	39	J	6.6	16	239	-2.4	-3.3	2.5	5	J
15	380	14.5	49	J	6.3	-22	290	1.8	-5.4	-0.7	3	J
16	379	13.5	55	J	6.9	14	295	2.8	-5.4	3.0	2	J
17	373	15.2	29	J	5.3	32	313	3.0	-2.7	3.3	1	J
18	368	15.3	36	J	4.9	36	316	2.7	-2.3	3.0	1	J
19	370	15.0	44	J	4.6	26	338	3.6	-1.3	2.0	2	J
20	367	13.4	42	J	4.2	36	345	3.1	-0.8	2.4	1	J
21	366	12.2	48	J								
22	370	8.1	40	J	4.7	5	154	-4.1	2.0	0.5	1	J
23	371	10.2	72	J								
24	375	9.8	35	J								

JUL. 17, 1986 198

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
415	9.8	50	J								
405	12.2	105	J								

JUL. 18, 1986 199

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	427	7.6	49	J	4.7	-14	278	0.5	-3.5	-0.9	3	J
2	428	6.7	49	J	4.3	-33	309	2.0	-2.5	-2.0	2	J
3	418	6.9	42	J	4.3	-8	321	2.5	-2.0	-0.3	3	J
4	418	6.6	41	J	4.9	-7	310	2.8	-3.4	-0.1	2	J
5	414	6.1	36	J	4.2	-20	300	1.5	-2.7	-0.6	3	J
6	400	7.5	46	J	3.5	18	344	2.7	-0.5	1.0	2	J
7	398	8.5	40	J	3.4	3	331	2.5	-1.3	0.5	2	J
8	400	9.3	32	J	3.5	12	347	3.1	-0.5	0.9	1	J
9	397	9.1	29	J	3.8	-22	345	3.3	-1.3	-1.0	1	J
10	394	10.4	28	J	4.4	-36	0	3.5	-0.9	-2.3	1	J
11	389	12.6	32	J	4.6	-30	25	3.5	0.6	-2.7	1	J
12	386	12.9	32	J	4.3	-23	359	2.9	-0.5	-1.1	3	J
13	388	10.2	33	J	5.2	-34	286	0.9	-3.6	-0.8	4	J
14	386	7.6	28	J	6.1	-8	223	-4.3	-4.1	0.6	1	J
15	389	7.3	28	J	6.2	5	222	-4.4	-3.6	1.7	1	J
16												
17												
18												
19												
20												
21												
22												
23	364	9.0	23	J								
24	365	9.3	29	J	3.3	-22	311	1.5	-1.7	-1.0	2	J

JUL. 19, 1986 200

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
363	7.8	41	J	3.4	-20	9	2.4	0.4	-0.9	2	J
371	6.9	31	J	3.4	-21	310	1.8	-2.2	-1.0	2	J
359	7.0	46	J	2.6	-24	340	2.1	-0.8	-0.9	1	J
356	7.2	44	J	2.5	7	345	1.8	-0.5	0.3	2	J
355	8.8	18	J	1.8	-39	200	-1.2	-0.6	-1.0	1	J
349	9.7	18	J	1.9	3	250	-0.5	-1.4	0.4	1	J
351	10.1	18	J	1.8	-14	226	-1.1	-1.2	-0.1	1	J
349	10.8	19	J	2.2	52	229	-0.8	-0.4	1.8	1	J
346	13.1	20	J	1.8	45	163	-0.9	0.6	0.8	1	J
347	15.2	22	J	2.4	29	128	-1.2	1.8	0.4	1	J
346	17.8	19	J	1.2	35	110	-0.3	0.8	0.2	1	J
342	20.3	19	J	1.3	27	258	-0.1	-0.4	0.5	1	J
344	19.3	22	J	3.1	23	249	-0.7	-1.3	1.4	2	J
353	16.1	21	J	3.7	18	270	-0.0	-2.6	2.1	1	J
356	15.1	23	J	3.2	39	223	-0.9	-0.5	1.1	3	J
366	11.5	26	J	2.4	-28	346	1.4	-0.5	-0.6	2	J
366	10.8	24	J	2.6	10	285	0.6	-2.1	0.9	1	J

JUL. 20, 1986 201

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2	340	8.5	27	J	3.7	-4	353	3.6	-0.4	-0.2	1	J
3	341	7.6	35	J	3.6	-4	351	3.3	-0.5	-0.2	1	J
4	344	8.3	37	J	3.7	19	334	2.8	-1.2	1.2	2	J
5	354	8.3	28	J	3.8	35	278	0.3	-2.1	2.1	2	J
6	345	9.1	33	J	3.3	17	304	1.5	-2.0	1.3	2	J
7	345	10.0	24	J	3.2	34	306	1.3	-1.3	2.0	2	J
8	341	11.0	22	J	3.5	17	324	2.5	-1.4	1.5	1	J
9	339	12.1	22	J	3.5	-31	302	1.4	-2.7	-0.7	2	J
10	342	12.2	25	J	3.1	-33	289	0.8	-2.7	-0.6	1	J
11	345	11.3	23	J	3.4	-37	296	1.2	-3.0	-0.9	1	J
12	348	10.3	27	J	3.9	-34	309	2.0	-3.1	-1.0	1	J
13	340	13.3	20	J	3.6	-31	305	1.8	-3.0	-0.7	1	J
14	337	23.0	13	J	3.0	-15	308	1.7	-2.3	0.1	0	J
15	337	30.9	14	J	3.1	34	282	0.4	-1.3	1.7	2	J
16	333	30.5	13	J	3.3	10	43	1.0	0.8	-0.5	3	J
17	334	26.8	12	J	3.6	17	99	-0.5	2.8	-1.6	1	J
18												
19												
20												
21												
22												
23												
24												

JUL. 21, 1986 202

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
364	18.5	32	J	7.2	51	180	-4.4	0.7	5.4	2	J
366	26.5	41	J	4.2	63	172	-1.8	0.9	3.5	1	J
363	26.3	45	J	4.0	36	146	-2.4	2.1	1.7	2	J
356	19.2	57	J	6.0	20	146	-4.5	3.5	1.0	2	J
367	14.0	44	J	7.0	27	160	-5.2	2.7	2.0	3	J
375	13.7	47	J	6.5	40	186	-4.9	1.0	4.0	1	J
373	13.7	41	J	7.1	35	148	-4.7	4.2	2.4	2	J
386	19.3	52	J	5.4	16	273	0.1	-2.1	1.7	5	J
382	17.1	44	J	7.8	8	306	4.4	-5.1	3.4	2	J
384	16.1	54	J	7.0	43	305	2.3	-1.6	4.8	4	J
385	16.2	59	J	6.0	71	218	-1.2	0.8	4.6	4	J
376	17.3	42	J	6.5	39	149	-4.1	3.6	2.9	2	J
372	17.3	44	J	6.0	35	170	-4.7	1.7	3.0	2	J
372	17.0	50	J	5.5	31	160	-4.1	2.0	2.2	2	J
370	19.7	46	J	4.6	13	144	-3.5	2.6	0.6	2	J
370	20.1	42	J	4.2	-6	121	-1.9	3.1	-0.7	2	J
385	23.8	43	J	4.6	1	155	-3.9	1.8	-0.0	2	J
381	22.2	41	J	4.8	-24	129	-2.7	3.3	-2.0	1	J
376	18.2	36	J	5.9	-16	120	-2.7	4.7	-1.5	2	J
374	15.7	30	J	6.3	-21	110	-1.9	5.1	-2.1	3	J
394	14.5	66	J	5.4	-32	112	-0.9	2.2	-1.5	5	J

JUL. 22, 1986 — 203

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	398	12.2	72	J	6.4	-6	51	1.1	1.4	-0.2	6	J
2	390	10.0	67	J	6.7	7	128	-4.0	5.1	0.5	1	J
3	393	10.9	85	J	6.2	-13	128	-3.6	4.5	-1.8	2	J
4												
5												
6	375	6.5	70	J	6.0	0	142	-4.7	3.6	-0.9	1	J
7	369	6.8	98	J	5.8	-2	143	-4.6	3.3	-1.2	1	J
8	360	8.6	78	J	5.2	-8	148	-4.3	2.3	-1.6	1	J
9	356	9.1	72	J	4.9	-33	163	-3.8	0.1	-2.9	1	J
10	361	8.5	48	J	5.0	-48	147	-2.7	0.2	-4.0	1	J
11	369	8.0	30	J	5.2	-70	170	-1.7	-1.7	-4.5	1	J
12	370	9.1	24	J	4.8	-60	276	0.2	-3.8	-2.8	1	J
13	361	8.6	44	J	4.7	-48	177	-1.8	-0.7	-1.9	4	J
14	356	8.8	61	J	5.6	-5	150	-4.4	2.2	-1.4	2	J
15	359	8.9	29	J	6.0	19	110	-1.8	5.3	0.1	2	J
16	355	8.2	46	J	6.1	17	142	-4.4	3.8	0.7	2	J
17	357	11.3	51	J	6.8	21	132	-4.2	5.1	1.3	1	J
18	358	10.3	55	J	7.0	15	138	-4.9	4.6	1.0	1	J
19	356	10.0	63	J	6.7	8	135	-4.6	4.6	0.4	2	J
20	357	10.1	52	J	6.3	-2	121	-3.2	5.3	-0.6	1	J
21	355	9.9	45	J	6.1	-11	115	-2.4	5.2	-1.3	1	J
22	349	10.1	43	J	5.6	-19	118	-2.4	4.4	-1.8	2	J
23	342	9.9	24	J	5.8	19	149	-4.1	2.4	1.6	3	J
24	341	9.1	27	J	5.8	-6	130	-3.5	4.1	-0.6	2	J

JUL. 23, 1986 — 204

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
336	8.6	26	J	5.0	-15	147	-3.7	2.4	-1.3	2	J
325	9.5	35	J								
326	9.1	41	J	4.7	-5	145	-3.6	2.4	-0.8	2	J
333	8.5	26	J	6.9	16	168	-6.3	1.9	1.3	1	J
335	9.1	28	J	6.6	9	153	-5.6	3.0	-0.2	1	J
335	9.0	29	J	6.0	-12	160	-5.3	1.3	-1.9	2	J
349	10.3	27	J	5.6	-18	94	-0.3	3.8	-3.5	2	J
359	11.0	28	J	5.5	-2	79	1.0	4.5	-2.2	2	J
348	11.3	27	J	5.4	-15	92	-0.2	4.1	-3.3	1	J
349	11.9	32	J	5.2	-14	87	0.2	3.9	-2.8	2	J
326	10.8	38	J	5.1	-1	182	-4.6	-0.2	-0.0	2	J
318	9.7	41	J	5.0	22	170	-4.2	1.2	1.4	2	J
333	10.6	23	J	5.2	12	103	-1.0	4.3	-0.1	3	J
341	10.3	25	J	4.9	0	71	1.4	4.1	-0.7	2	J
329	9.4	22	J	5.0	3	117	-1.9	3.7	-0.2	3	J
324	9.3	32	J	4.8	24	148	-3.7	2.5	1.8	1	J
329	10.2	27	J	4.8	12	128	-2.6	3.3	0.8	2	J
330	11.9	18	J	4.9	-6	109	-1.5	4.3	-0.5	2	J
330	12.2	22	J	4.3	5	135	-1.3	1.3	0.2	4	J
318	11.9	35	J	4.8	35	162	-3.5	1.2	2.6	2	J

JUL. 24, 1986 — 205

1	315	11.7	38	J	4.5	15	193	-4.0	-0.9	1.1	2	J
2	318	12.0	36	J	4.5	-21	198	-3.9	-1.4	-1.5	1	J
3	319	13.7	42	J	4.9	-11	170	-4.6	0.7	-1.0	1	J
4	319	15.5	51	J	5.1	20	158	-4.3	2.0	1.4	1	J
5	330	17.7	31	J	5.2	35	115	-1.7	4.2	2.0	1	J
6												
7												
8												
9												
10												
11	318	17.8	16	J	5.1	1	112	-1.8	4.1	-1.8	2	J
12	314	20.9	16	J	4.0	18	133	-2.3	2.7	-0.0	2	J
13	311	20.6	15	J	3.6	14	128	-2.2	2.9	-0.3	0	J
14	308	20.4	15	J	3.4	0	129	-2.1	2.4	-1.0	1	J
15	307	20.9	15	J	2.6	-1	155	-2.4	1.0	-0.4	1	J
16	312	23.7	14	J	3.1	-15	154	-2.6	1.0	-1.1	1	J
17	312	26.5	15	J	4.8	2	135	-3.1	3.1	-0.6	2	J
18	324	36.2	16	J	6.8	28	115	-2.1	4.8	1.8	4	J
19	350	41.8	43	J	9.9	21	118	-3.2	6.3	1.9	7	J
20	381	54.3	62	J	7.5	39	111	-1.6	4.4	3.3	5	J
21	386	45.8	74	J	13.3	51	343	7.5	-1.9	9.7	6	J
22	398	30.1	132	J	14.9	33	307	6.9	-9.0	7.6	7	J
23	394	25.3	149	J	18.2	-68	317	4.4	-4.3	-14.8	9	J
24	417	21.1	294	J	16.1	47	286	1.7	-5.7	6.6	14	J

JUL. 25, 1986 — 206

447	18.4	328	J	15.0	-5	312	6.9	-7.7	-0.6	11	J	
477	15.1	353	J	12.2	28	282	1.9	-8.5	5.5	6	J	
487	13.7	354	J	9.4	14	302	3.9	-5.9	2.5	6	J	
514	9.0	236	J	7.4	-9	341	4.3	-1.6	-0.5	6	J	
517	5.9	183	J	9.2	0	305	5.2	-7.3	1.6	1	J	

JUL. 26, 1986 — 207

1	715	4.9	273	J	6.6	17	347	5.3	-1.1	1.7	3	J
2	721	4.4	326	J	6.0	-18	3	4.4	0.1	-1.4	4	J
3	712	4.7	352	J	5.4	8	321	4.0	-3.1	1.1	2	J
4	728	4.6	365	J	5.5	-35	352	3.5	-0.9	-2.3	3	J
5												
6												
7												
8												
9												
10												
11												
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13												
14												
15												
16												
17												
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24												

JUL. 30, 1986 — 211

583	7.6	242	J	7.6	27	275	0.4	-4.4	3.1	5	J	
564	7.0	201	J	8.2	18	306	3.9	-5.2	2.6	4	J	
642	6.0	267	J	9.5	-33	339	4.9	-2.1	-3.3	7	J	
696	7.0	353	J	10.0	-34	341	5.6	-2.0	-4.0	7	J	
691	7.8	275	J	8.6	-10	11	7.1	1.3	-1.3	4	J	
700	7.2	299	J	8.5	-8	53	4.0	5.3	-1.1	5	J	

JUL. 31, 1986 — 212

1	637	3.9	121	J	3.6	-7	326	2.0	-1.4	-0.2	3	J
2	629	4.6	135	J	6.0	8	310	3.2	-3.8	1.1	3	J
3	629	4.4	108	J	6.3	-2	288	1.6	-5.0	0.6	3	J
4	644	5.1	179	J	4.6	13	254	-1.0	-3.2	1.5	3	J
5	663	5.0	224	J	5.1	23	240	-1.5	-2.2	1.9	4	J
6	666	4.3	203	J	6.0	80	239	-0.4	0.6	4.0	4	J
7	671	5.1	206	J	5.2	42	270	-0.0	-2.0	3.8	3	J
8	663	6.1	217	J	6.2	56	303	1.2	-0.4	3.6	5	J
9	651	6.4	192	J	6.8	9	296	2.0	-3.5	2.4	5	J
10	634	5.3	144	J	6.6	-33	2	5.1	-1.3	-3.1	3	J
11	632	4.7	166	J	6.2	-19	323	3.3	-2.9	-0.1	4	J
12	646	3.1	132	J	5.5	19	291	1.4	-2.6	2.8	4	J
13	629	2.7	118	J	5.9	-21	319	3.9	-3.9	-0.3	2	J
14	634	2.3	99	J	4.9	-20	328	3.5	-2.6	-0.5	2	J
15	606	3.3	131	J	4.1	18	301	1.8	-2.4	2.2	2	J
16	625	4.9	109	J	3.4	65	245	-0.4	-0.2	2.4	2	J
17	636	5.0	120	J	3.2	53	224	-1.3	-0.5	2.6	2	J
18												
19	657	3.7	120	J	3.2	16	230	-1.9	-2.1	1.2	1	J
20	634	4.5	273	J	4.5	1	300	1.7	-2.9	0.4	3	J
21	621	3.7	127	J	5.3	-16	320	3.5	-3.0	-1.1	2	J
22	624	3.5	126	J	4.0	-1	11	3.5	0.7	-0.1	2	J
23	626	3.7	160	J	3.8	15	5	3.7	0.4	1.0	0	J
24	630	3.0	106	J	3.8	-16	345	3.2	0.9	-0.9	1	J

652	3.1	124	J									

AUG. 1, 1986 — 213

628	3.2	95	J	4.0	3	355	3.6	-0.3	0.2	2	J	
620	3.7	148	J	4.3	12	314	2.5	-2.5	1.1	2	J	
609	2.9	122	J	5.5	4	306	3.0	-4.1	1.0	2	J	
593	3.0	138	J	5.3	5	318	3.8	-3.2	1.1	1	J	
577	3.1	117	J	5.4	-2	304	2.7	-4.0	0.8	2	J	
579	4.7	91	J	5.8	5	317	3.5	-3.0	1.4	3	J	
559	4.8	72	J	5.6	-4	353	5.4	-0.8	-0.1	1	J	
561	4.8	113	J	4.4	2	43	2.6	2.2	-0.8	3	J	
561	4.7	99	J	5.1	18	355	4.6	0.3	1.5	1	J	
548	5.2	121	J	6.0	15	342	5.3	-0.9	2.1	1	J	
554	4.0	130	J	4.9	26	345	4.2	-0.0	2.4	1	J	
560	3.1	131	J	4.5	10	5	4.3	0.7	0.5	1	J	
558	2.5	120	J	3.8	12	21	3.5	1.5	0.1	1	J	
499	4.9	58	J	4.1	-9	292	1.5	-3.8	0.0	0	J	
494	5.0	51	J	4.5	-17	296	1.8	-3.7	-0.8	1	J	
484	3.5	45	J	6.3	21	224	-4.1	-3.7	2.5	2	J	
480	3.7	41	J	5.5	28	204	-4.4	-1.8	2.7	1	J	
473	5.3	42	J	5.2	30	181	-4.4	0.1	2.6	1	J	
463	5.2	44	J	4.7	33	181	-3.9	0.1	2.6	0	J	

AUG. 2, 1986 — 214

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2	433	3.2	35	J	4.4	17	144	-3.3	2.5	1.0	1	J
3	437	2.8	32	J	4.1	3	138	-2.9	2.6	-0.2	1	J
4	459	3.6	59	J	3.4	29	221	-1.3	-0.9	1.1	3	J
5	473	4.7	74	J	4.0	40	241	-1.4	-1.9	3.1	1	J
6	470	5.5	67	J	4.0	30	227	-2.0	-1.5	2.3	2	J
7	462	7.4	49	J	4.8	-26	229	-2.4	-3.2	-0.7	3	J
8	455	12.0	40	J	3.6	-8	176	-2.7	0.0	-0.4	2	J
9	449	12.4	37	J	4.1	33	149	-2.7	2.4	1.2	2	J
10	439	7.4	32	J	4.5	46	143	-2.4	3.1	2.0	1	J
11	436	5.8	26	J	4.9	41	134	-2.5	3.7	1.6	2	J
12					4.2	-11	37	3.3	1.8	-1.9	0	J
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

AUG. 3, 1986 — 215

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
464	11.3	172	J	9.3	28	227	-5.6	-3.4	6.6	1	J
470	8.7	218	J	8.7	-16	337	2.6	-1.3	-0.3	8	J
495	8.5	230	J	9.6	0	302	4.0	-5.9	2.5	6	J
489	10.1	155	J	9.6	40	270	-0.0	-3.2	5.6	7	J
475	12.9	137	J	10.7	58	264	-0.5	-2.5	9.3	4	J
475	22.0	141	J	11.2	69	86	0.2	4.6	6.8	8	J
491	31.7	78	J	11.5	-21	299	5.1	-9.8	-2.3	2	J
504	22.9	58	J	6.6	-13	333	5.5	-3.0	-1.0	2	J
498	21.4	74	J	6.7	-17	350	6.0	-1.2	-1.8	2	J

AUG. 4, 1986 — 216

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7	534	6.0	147	J	10.5	-16	334	8.9	-5.1	-1.1	2	J
8	536	6.9	168	J	9.3	-7	318	6.6	-5.8	1.4	3	J
9	532	9.4	268	J	7.1	-4	327	5.0	-3.1	1.0	4	J
10	556	8.0	197	J	6.4	2	289	1.4	-3.5	1.9	5	J
11	596	5.3	197	J	5.3	-2	297	2.0	-3.4	1.7	3	J
12	610	4.1	155	J	4.9	-21	341	3.8	-1.9	-0.7	2	J
13	615	4.1	122	J	4.5	-5	340	3.8	-1.4	0.3	2	J
14	618	4.0	88	J	5.0	-10	360	4.4	-0.3	-0.7	2	J
15	627	3.2	89	J	4.5	5	334	3.5	-1.4	1.0	2	J
16	611	3.6	146	J	4.3	-5	326	3.3	-2.2	0.4	2	J
17	605	4.1	162	J	4.5	-31	334	3.0	-2.0	-1.5	2	J
18	617	4.4	166	J	3.2	-5	237	-1.2	-1.8	0.3	2	J
19	586	4.3	125	J	3.6	9	278	0.3	-2.1	0.8	3	J
20	563	4.3	94	J	4.5	5	322	2.7	-2.1	0.6	3	J
21	562	4.2	97	J	4.6	4	312	2.7	-3.0	0.6	2	J
22	556	4.0	116	J	4.8	-13	339	3.3	-1.3	-0.7	3	J
23	558	4.0	100	J	5.1	7	342	4.1	-1.3	0.6	3	J
24	562	3.9	89	J	5.8	-4	351	5.5	-0.9	-0.3	1	J

AUG. 5, 1986 — 217

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
567	3.4	75	J	4.7	-11	351	4.4	-0.8	-0.8	1	J
564	3.8	91	J	4.6	-15	4	4.1	0.1	-1.1	2	J
566	4.1	103	J	5.0	0	26	3.2	1.6	-0.3	4	J
565	3.6	100	J	5.4	-28	337	4.1	-2.2	-1.9	2	J
566	4.1	71	J								
583	3.4	99	J	3.8	-4	317	2.1	-1.9	0.7	2	J
594	3.4	94	J	4.4	40	282	0.5	-1.2	3.1	3	J
568	3.6	68	J	3.9	11	350	3.3	-0.2	0.8	2	J
566	3.5	76	J	3.9	-19	337	3.0	-1.7	-0.4	2	J
560	3.3	102	J	3.7	2	323	2.7	-1.8	1.1	2	J
541	3.6	133	J	4.7	-10	337	4.1	-1.9	0.1	1	J
540	4.2	121	J	4.8	-19	326	3.7	-2.9	-0.4	1	J
548	4.6	106	J	4.8	-17	303	2.4	-3.9	0.0	2	J
553	5.6	102	J	3.8	-5	303	1.0	-1.5	0.3	3	J
554	6.3	108	J	4.2	68	114	-0.4	1.3	2.0	3	J
557	6.7	110	J	5.4	37	257	-0.9	-3.1	3.5	2	J
543	7.2	132	J	5.0	-4	267	-0.2	-3.2	0.2	4	J
533	6.9	138	J	4.4	-65	336	1.5	-1.1	-3.4	2	J
526	6.7	129	J	4.2	-54	330	1.8	-1.3	-2.8	2	J
541	6.2	125	J	4.7	2	226	-2.1	-2.1	0.3	4	J
540	5.3	61	J	6.4	10	223	-4.4	-4.0	1.4	2	J

AUG. 6, 1986 — 218

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	544	6.3	69	J	6.3	8	247	-2.1	-4.9	1.3	3	J
2	550	6.7	69	J	6.0	0	236	-3.1	-4.6	0.6	2	J
3	546	6.2	61	J	5.5	-10	238	-2.9	-4.7	-0.1	1	J
4	522	4.9	61	J	5.3	-5	226	-2.8	-2.9	0.3	4	J
5	506	5.1	69	J	4.7	1	324	3.7	-2.6	0.8	1	J
6												
7												
8												
9												
10												
11												
12	483	4.3	50	J	3.5	-4	235	-1.7	-2.3	1.0	2	J
13	474	4.3	59	J	3.3	30	261	-0.4	-1.4	2.3	2	J
14	470	4.9	56	J	4.0	16	295	0.6	-1.0	0.9	4	J
15	482	5.4	63	J	4.4	-7	227	-2.4	-2.5	0.6	3	J
16	486	5.4	58	J	4.7	45	207	-2.8	-0.2	3.4	2	J
17	481	5.3	49	J	5.1	13	195	-4.3	-0.8	1.3	2	J
18	478	5.0	49	J	4.2	-33	180	-3.5	-0.6	-2.2	1	J
19	465	4.5	61	J	3.1	8	155	-0.6	0.3	0.0	3	J
20	435	5.2	90	J	3.0	-6	323	1.9	-1.5	-0.0	2	J
21	448	5.3	45	J	3.2	33	268	-0.1	-2.2	1.8	1	J
22	425	6.6	78	J	3.4	6	335	3.0	-1.3	0.5	1	J
23	423	6.7	80	J	3.6	-8	334	3.1	-1.6	-0.4	1	J
24	420	6.0	49	J	3.6	-7	335	3.1	-1.5	-0.3	0	J

AUG. 7, 1986 — 219

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
420	5.9	47	J	3.5	-5	325	2.9	-2.0	-0.1	0	J
420	5.7	40	J	3.2	0	313	2.1	-2.2	0.3	1	J
418	7.2	36	J	2.7	9	284	0.6	-2.3	0.8	1	J
428	7.3	40	J	3.8	27	216	-2.5	-1.4	2.0	1	J
425	7.0	33	J	4.0	26	235	-2.0	-2.3	2.4	1	J

AUG. 8, 1986 — 220

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	416	11.2	43	J	6.6	-24	310	3.2	-4.0	-1.7	4	J
2	418	11.4	39	J	6.1	-1	297	2.6	-5.1	0.7	2	J
3	413	14.5	32	J	4.4	64	32	0.4	0.4	0.9	4	J
4	413	14.4	29	J	6.2	36	100	-0.9	5.6	2.3	2	J
5	416	13.7	29	J								
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

AUG. 12, 1986 — 224

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
387	10.6	47	J	3.9	-21	326	2.9	-2.3	-0.3	1	J
404	10.8	49	J	4.0	-24	319	2.7	-2.8	-0.5	1	J
412	11.4	33	J	4.1	15	278	0.5	-3.1	2.3	2	J
424	11.6	38	J	5.1	22	267	-0.2	-3.8	3.2	1	J
421	12.4	42	J	5.9	29	293	1.5	-3.0	3.0	4	J
412	13.8	46	J	6.0	11	310	3.0	-3.3	1.6	4	J
395	13.7	58	J	6.2	-24	354	5.5	-1.0	-2.4	1	J
388	12.9	59	J	6.7	-17	355	6.1	-0.8	-1.8	2	J
380	12.7	59	J	5.9	-11	13	5.1	1.1	-1.1	2	J
398	12.8	56	J	6.4	-24	318	4.1	-3.9	-2.1	2	J
399	12.2	56	J	6.5	-26	324	4.4	-3.5	-2.3	2	J
388	12.0	60	J	4.6	63	207	-0.8	-0.2	1.8	4	J
413	5.0	53	J	7.1	24	299	2.8	-4.8	3.2	3	J

AUG. 13, 1986 — 225

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	427	4.9	46	J	7.7	24	286	1.9	-6.0	3.9	2	J
2	432	9.0	55	J	8.3	19	283	1.7	-6.8	3.8	2	J
3	436	16.9	55	J	7.0	25	271	0.1	-4.3	3.3	5	J
4	431	21.7	79	J	6.0	8	357	5.0	-0.1	0.8	3	J
5	440	20.9	57	J	7.1	-8	0	6.0	-0.3	-0.8	4	J
6	483	10.3	110	J	10.7	-17	338	9.3	-4.6	-1.5	3	J
7	493	7.4	106	J	11.9	-14	313	7.1	-8.1	0.7	5	J
8	509	10.0	101	J	11.1	-18	316	7.4	-7.9	0.1	3	J
9	492	11.1	99	J	11.0	-23	333	8.4	-5.7	-1.5	4	J
10	510	8.4	114	J	9.0	-16	30	7.2	2.4	-4.1	3	J
11	512	7.2	108	J	7.5	-20	31	5.9	1.8	-3.9	2	J
12	505	5.3	100	J	7.0	-18	25	5.9	1.3	-3.2	1	J
13	514	6.0	59	J	5.5	-3	36	4.4	2.7	-1.8	1	J
14	509	6.4	52	J	4.6	4	35	3.7	2.4	-0.9	1	J
15	510	6.2	53	J	3.8	3	42	2.7	2.3	-0.9	1	J
16	508	5.8	59	J	3.7	-12	23	3.2	1.0	-1.2	1	J
17	506	5.5	60	J	4.1	-1	22	3.7	1.4	-0.6	1	J
18												
19												
20												
21												
22												
23												
24												

AUG. 14, 1986 — 226

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
469	4.3	57	J	3.4	12	309	1.8	-2.2	0.9	1	J
459	4.2	52	J	3.9	15	324	2.7	-1.8	1.2	1	J
463	4.3	56	J	3.6	8	326	2.6	-1.6	0.8	1	J
456	4.9	54	J	3.1	12	326	2.2	-1.3	0.9	1	J
439	5.5	64	J	2.7	-8	324	1.8	-1.3	0.1	1	J
431	6.0	63	J	3.3	-4	342	2.8	-0.9	0.1	1	J
435	8.2	74	J	2.8	9	341	2.1	-0.5	0.6	1	J
419	8.2	39	J	3.8	1	353	3.4	-0.3	0.2	1	J
421	8.3	49	J	3.1	-5	5	2.7	0.1	-0.3	1	J
416	9.6	38	J	4.0	-15	360	3.6	-0.5	-0.8	1	J
428	11.9	73	J	2.9	32	290	0.6	-0.9	1.9	2	J
426	12.6	57	J	3.9	-4	292	1.1	-2.5	1.2	2	J
412	14.2	37	J	4.6	-19	330	3.4	-2.3	-0.2	2	J
413	16.8	30	J	4.2	4	291	1.3	-2.9	1.8	2	J
416	17.2	32	J	3.7	20	249	-1.1	-2.1	2.3	1	J
417	16.8	29	J	5.1	0	271	0.1	-4.4	1.9	2	J
411	9.4	43	J	4.8	-30	346	3.8	-1.3	-2.0	1	J
408	8.7	37	J	4.1	-11	310	2.1	-2.6	-0.3	2	J
410	7.4	38	J	4.4	-29	0	3.7	-0.3	-2.0	1	J
412	7.6	50	J	4.3	-6	344	3.7	-1.1	-0.3	1	J
409	8.4	43	J	4.0	-27	329	2.4	-1.6	-1.2	2	J

AUG. 15, 1986 — 227

1											
2											
3	409	10.1	48	J	4.5	47	325	1.2	-0.5	1.7	4	J
4	414	9.8	37	J	4.2	33	257	-0.6	-2.2	2.5	2	J
5	422	10.2	47	J	4.1	17	238	-1.6	-2.1	1.6	3	J
6	413	10.2	35	J	4.7	-16	295	1.5	-3.5	0.2	3	J
7	409	8.5	33	J	5.2	-30	295	1.8	-4.5	-0.7	1	J
8	411	7.8	32	J	4.9	14	284	1.0	-3.2	2.8	2	J
9	411	7.8	32	J	5.3	-10	298	2.2	-4.1	1.3	2	J
10	410	7.7	43	J	4.5	-28	319	2.7	-3.0	-0.5	2	J
11	423	8.1	47	J	4.2	-13	14	3.7	0.3	-1.2	1	J
12	417	8.7	50	J	4.2	2	25	3.2	1.3	-0.6	2	J
13	410	8.1	45	J	3.4	62	292	0.4	0.1	2.3	2	J
14	400	7.8	57	J	3.5	-4	337	2.8	-1.2	0.4	1	J
15	404	7.6	48	J	4.3	-14	6	3.8	-0.1	-1.0	1	J
16	410	8.1	40	J	4.3	-3	34	3.3	2.0	-1.1	1	J
17	412	7.3	42	J	2.8	37	320	1.3	-0.6	1.6	2	J
18	416	7.5	41	J	3.3	30	296	1.0	-1.6	1.8	2	J
19	417	7.4	50	J	3.0	2	270	-0.0	-2.3	0.6	1	J
20	443	5.6	113	J	4.0	-12	330	2.9	-1.8	-0.4	2	J
21	443	5.0	128	J	4.9	-4	346	4.5	-1.1	-0.1	1	J
22	441	6.3	98	J	5.0	-4	35	3.0	2.1	-0.5	3	J
23	440	6.1	77	J	5.2	-5	37	3.8	2.8	-0.8	2	J
24	446	5.8	71	J	5.4	-16	16	4.8	1.2	-1.6	1	J

AUG. 16, 1986 — 228

446	6.9	95	J	5.2	-21	17	4.6	1.1	-2.0	1	J
421	8.1	78	J	4.6	-8	333	3.6	-1.9	0.3	2	J
422	7.3	67	J	4.5	-8	342	3.9	-1.4	0.1	1	J
413	6.8	38	J	5.2	-1	345	4.8	-1.2	0.6	1	J
410	5.7	41	J	4.8	16	343	4.3	-0.5	1.8	1	J
405	6.7	52	J	4.1	18	326	3.1	-1.2	2.1	1	J
404	6.8	64	J	3.6	9	329	2.7	-1.2	1.2	1	J
407	6.2	51	J	3.8	11	322	2.8	-1.6	1.6	1	J
391	6.6	46	J	3.8	15	318	2.5	-1.6	1.8	1	J
372	10.3	25	J	3.8	7	312	2.2	-2.1	1.3	2	J
373	15.0	20	J	3.3	-2	276	0.3	-2.6	0.8	2	J
359	13.2	32	J	3.7	10	317	1.7	-1.4	0.8	3	J
349	14.7	41	J	4.2	16	347	3.3	-0.5	1.1	2	J
355	18.2	31	J	4.3	13	310	2.4	-2.6	1.4	2	J
359	18.6	29	J	4.8	10	296	2.0	-3.9	1.4	1	J

AUG. 17, 1986 — 229

1											
2											
3											
4											
5											
6											
7											
8	350	14.2	28	J	5.4	39	273	0.2	-2.0	4.5	2	J
9	348	14.5	28	J	4.8	-9	267	-0.2	-4.0	1.5	2	J
10	347	15.4	33	J	3.2	51	68	0.3	1.1	0.4	3	J
11	351	15.9	26	J	3.0	48	146	-1.1	1.4	0.9	2	J
12	358	14.4	18	J	3.0	1	321	2.3	-1.5	1.0	1	J
13	350	14.7	21	J	2.7	1	322	2.0	-1.4	0.8	1	J
14	342	21.0	24	J	0.8	35	333	0.3	-0.0	0.3	1	J
15	340	21.9	20	J	1.2	18	8	0.9	0.3	0.2	1	J
16	337	21.7	15	J	1.4	6	333	1.2	-0.5	0.4	1	J
17	335	23.7	13	J	1.3	-15	334	1.1	-0.6	-0.1	1	J
18	332	17.6	14	J	2.4	-28	335	1.8	-1.1	-0.7	1	J
19	335	17.0	14	J	2.6	-30	329	1.5	-1.1	-0.8	2	J
20	339	15.9	20	J	3.2	-18	338	2.7	-1.3	-0.7	0	J
21	339	13.4	20	J	3.9	14	250	-1.0	-2.7	1.2	2	J
22	350	12.6	21	J	3.4	20	270	-0.0	-2.1	1.1	2	J
23												
24												

AUG. 18, 1986 — 230

347	13.1	26	J	3.1	4	308	1.8	-1.9	1.3	1	J
338	19.5	17	J	2.1	-16	306	1.0	-1.4	0.3	1	J
339	18.4	20	J	3.7	26	282	0.6	-1.7	2.7	2	J
340	17.1	21	J	4.3	-8	295	1.8	-3.5	1.4	1	J
340	16.7	18	J	4.1	-21	308	2.2	-3.1	0.2	2	J
336	16.7	15	J	3.6	-36	316	2.0	-2.7	-1.0	1	J
334	15.6	15	J	3.0	-8	311	1.5	-1.7	0.4	2	J
323	13.0	16	J	2.6	-20	308	0.2	-0.2	-0.0	3	J
322	11.3	13	J	3.4	37	127	-1.6	2.6	1.3	1	J
320	11.5	13	J	3.5	51	115	-0.9	2.6	2.1	1	J
315	10.2	16	J	4.0	36	129	-1.9	2.8	1.7	1	J
309	9.0	18	J	4.2	38	118	-1.6	3.3	2.1	1	J
304	8.9	15	J	4.0	35	115	-1.4	3.2	1.8	1	J
303	9.7	12	J	3.9	39	122	-1.6	2.9	2.1	0	J
308	10.3	17	J	4.1	24	114	-1.5	3.6	1.2	1	J

AUG. 19, 1986 — 231

1	315	12.2	18	J	4.4	15	101	-0.8	4.2	0.4	1	J
2	316	16.4	18	J	3.7	-8	100	-0.6	3.3	-1.1	1	J
3	314	15.8	17	J	4.3	19	106	-1.0	3.8	0.4	2	J
4	309	14.4	17	J	4.4	26	110	-1.3	3.9	0.8	1	J
5	306	14.0	16	J	4.6	36	112	-1.4	4.1	1.4	0	J
6												
7												
8												
9												
10												
11					8.0	-26	89	0.1	4.3	-6.7	1	J
12	314	17.5	26	J	8.0	-34	91	-0.1	3.3	-7.2	1	J
13												
14	307	18.8	18	J	6.4	-2	115	-2.7	4.9	-3.0	1	J
15	309	24.3	16	J	5.9	-1	121	-3.0	4.4	-2.3	1	J
16	313	26.5	14	J	5.1	-18	110	-1.6	3.5	-3.2	1	J
17	311	26.2	15	J	4.4	-24	107	-1.1	2.9	-3.0	1	J
18	310	18.2	14	J	5.0	-13	115	-2.0	3.8	-2.3	1	J
19	311	18.0	15	J	5.1	-3	119	-2.4	4.2	-1.3	1	J
20	310	17.6	13	J	4.6	-5	118	-2.2	3.9	-1.2	1	J
21	306	18.1	15	J	5.2	-24	110	-1.6	4.0	-2.8	1	J
22	307	17.1	16	J	5.3	-38	98	-0.6	3.5	-3.8	1	J
23	311	18.2	14	J	4.6	-51	67	1.1	2.0	-3.7	2	J
24	323	18.5	18	J	3.2	-17	324	2.2	-1.7	-0.6	1	J

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335	24.7	15	J	5.2	-31	333	3.9	-2.4	-2.3	1	J
330	29.9	17	J	6.0	-16	340	5.2	-2.2	-1.2	1	J
327	30.2	22	J	5.2	4	308	3.1	-3.8	1.3	1	J
325	27.2	21	J	6.1	4	301	2.8	-4.4	1.7	3	J
324	24.2	19	J	6.4	21	284	1.4	-4.4	3.8	2	J
371	23.3	50	J	12.1	-13	311	7.7	-9.0	1.9	1	J
394	27.1	67	J	15.6	-28	316	9.3	-11.2	-2.1	5	J
415	31.6	110	J	16.5	-4	302	6.6	-10.0	3.5	11	J
440	28.2	140	J	16.9	20	289	4.8	-11.1	10.0	6	J
438	26.9	127	J	15.6	22	294	5.7	-10.6	9.3	3	J
479	14.9	213	J	12.9	-14	336	5.5	-2.7	-0.8	12	J
507	8.4	177	J	15.0	-36	21	11.0	2.4	-9.3	3	J
509	9.8	245	J	12.3	-28	347	8.9	-2.9	-4.4	7	J
519	9.3	258	J	11.6	-25	352	8.4	-1.8	-3.7	7	J
511	10.2	293	J	11.6	-7	332	9.2	-5.0	-0.5	5	J
503	9.1	272	J								

08/25/86 - 09/01/86

AUG. 25, 1986

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												237
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	623	5.0	99	J	3.7	8	257	-0.6	-2.4	0.9	3	J
21	620	5.2	133	J	3.7	26	280	0.4	-1.8	1.4	3	J
22	612	5.5	166	J	3.3	-2	42	2.5	2.2	-0.5	0	J
23	580	6.5	293	J	4.5	-7	20	4.2	1.4	-0.8	0	J
24	587	6.3	235	J	4.7	-28	17	3.7	0.8	-2.2	2	J

AUG. 26, 1986

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
											238
588	5.7	178	J	4.5	-26	353	3.1	-0.7	-1.4	3	J
575	5.4	110	J	4.5	-21	2	3.9	-0.2	-1.5	2	J
584	5.7	132	J	5.0	25	313	2.7	-2.3	2.5	2	J
577	4.9	91	J	4.6	0	332	3.4	-1.7	0.5	3	J
581	4.5	107	J	6.5	35	316	3.0	-1.7	3.8	4	J
570	4.4	81	J	7.3	-14	322	5.1	-4.3	0.1	3	J
585	5.0	118	J	6.9	-5	301	2.5	-3.9	1.5	5	J
579	5.6	137	J	7.2	-11	314	4.2	-4.3	1.1	4	J
593	4.8	115	J	6.9	-10	303	2.0	-3.0	1.0	6	J
594	3.7	113	J	6.3	48	286	1.0	-0.8	5.4	3	J
581	3.5	97	J	6.0	39	338	3.2	0.4	3.1	4	J
				6.0	-31	246	-0.8	-2.2	-0.1	8	J
567	4.9	69	J	6.1	-52	41	1.4	-0.1	-2.7	5	J
566	4.4	70	J	6.4	-18	15	5.7	0.5	-2.4	1	J
604	2.0	119	J	6.0	-5	344	5.5	-1.6	0.2	2	J
				6.3	14	348	5.8	-0.6	1.8	2	J
596	3.3	100	J	5.5	15	303	2.7	-3.8	2.3	2	J
569	3.3	82	J	5.9	7	320	4.3	-3.4	1.4	2	J
585	4.1	171	J	5.8	7	316	4.0	-3.7	1.3	1	J
582	4.7	182	J	5.3	-2	328	4.2	-2.6	0.3	2	J

AUG. 27, 1986

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												239
1												
2	573	5.5	117	J	5.7	-17	339	4.9	-2.2	-1.1	1	J
3	553	5.3	122	J	7.3	-16	330	5.9	-3.8	-1.0	2	J
4	539	5.7	134	J	7.6	-16	331	6.1	-3.9	-0.9	2	J
5	581	5.1	115	J	7.3	-7	325	4.6	-3.3	0.5	5	J
6	636	4.8	181	J	6.2	12	290	1.5	-3.5	2.6	4	J
7	654	5.2	167	J	5.8	1	306	2.5	-3.1	1.6	4	J
8	663	5.1	206	J	5.6	-1	333	3.3	-1.5	0.8	4	J
9	664	4.3	240	J	5.5	-5	340	4.5	-1.6	0.5	3	J
10	640	5.0	137	J	6.3	7	319	4.3	-2.8	2.6	3	J
11	627	4.1	75	J	5.7	9	335	5.0	-1.5	2.0	1	J
12	620	5.8	83	J	6.9	-16	5	6.4	-0.5	-1.9	2	J
13	613	6.0	175	J	6.6	-26	10	5.7	-0.6	-2.9	2	J
14	644	6.0	200	J	6.1	5	38	2.0	1.4	-0.6	6	J
15	693	4.3	177	J	5.5	35	155	-1.8	1.4	0.8	5	J
16	687	3.8	130	J	4.9	-13	315	2.6	-2.7	0.3	3	J
17	681	3.5	261	J	4.0	56	335	1.5	0.3	2.5	3	J
18												
19												
20												
21												
22												
23	641	3.4	120	J								
24	633	3.5	107	J								

AUG. 28, 1986

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
											240
				4.4	2	286	1.2	-4.0	1.0	0	J
596	5.4	95	J	5.7	29	216	-3.9	-1.9	3.4	1	J
592	5.9	103	J	5.8	19	240	-2.6	-3.6	3.3	2	J
577	7.2	110	J	5.4	-4	276	0.4	-3.9	1.4	3	J
575	7.9	122	J	6.0	10	238	-2.6	-3.3	2.7	3	J
571	9.0	109	J	5.1	23	186	-4.3	0.5	1.8	2	J
573	11.2	128	J	4.5	23	213	-2.3	-0.7	1.8	3	J
569	10.2	174	J	5.4	65	187	-1.7	1.8	3.2	4	J
576	6.5	240	J	5.5	-28	210	-0.7	-0.6	-0.1	6	J
574	6.6	219	J	6.0	-36	351	2.1	-1.1	-1.1	5	J
574	5.9	261	J	7.1	-37	223	-1.5	-2.0	-0.6	7	J
578	5.4	219	J	7.0	20	209	-2.9	-0.8	1.8	6	J
582	5.0	190	J	7.6	-9	298	2.4	-4.3	1.4	6	J
624	4.5	170	J	8.0	-26	336	6.3	-4.0	-1.9	2	J
627	3.9	130	J	7.2	-21	346	6.1	-2.3	-1.7	3	J
658	5.0	295	J	6.5	-11	311	3.9	-4.6	0.4	2	J
649	4.3	212	J	6.6	-9	337	5.6	-2.6	-0.3	2	J
677	4.3	211	J	5.5	7	322	4.1	-2.9	1.4	2	J
706	4.2	208	J	4.6	26	313	2.2	-2.0	2.0	3	J
680	4.7	184	J	5.2	11	314	3.3	-3.2	1.5	2	J
693	5.1	165	J	6.1	19	284	1.1	-3.9	2.2	4	J
674	5.3	232	J	6.6	0	323	4.6	-3.4	0.6	3	J

AUG. 29, 1986

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												241
1	690	4.5	206	J	6.6	-8	319	4.3	-3.9	-0.0	3	J
2	696	4.2	201	J	6.9	-7	316	4.4	-4.3	0.2	3	J
3												
4												
5												
6	760	4.8	391	J	5.6	26	267	-0.2	-2.3	2.8	4	J
7	746	4.7	434	J	5.7	3	6	3.9	0.5	-0.0	4	J
8	742	4.6	369	J	7.1	30	335	2.7	-0.3	2.2	6	J
9	727	5.1	386	J	6.7	-21	341	4.9	-2.5	-0.8	4	J
10	751	5.0	425	J	5.9	-12	312	3.1	-3.5	1.0	3	J
11	763	4.2	304	J	6.5	-21	306	2.5	-3.8	0.5	5	J
12	757	4.3	285	J	6.5	9	354	4.0	-0.0	0.8	5	J
13	758	4.4	300	J	6.6	-7	306	3.2	-4.0	1.7	4	J
14	737	4.6	257	J	6.7	-12	23	5.3	1.3	-2.2	3	J
15	736	4.6	248	J	6.8	-11	22	4.9	1.3	-1.8	4	J
16	749	4.6	233	J	6.8	20	22	3.7	2.0	0.7	5	J
17	738	3.8	315	J	5.9	20	345	4.2	-0.4	1.9	4	J
18	728	3.3	222	J	5.6	13	336	4.3	-1.4	1.6	3	J
19	721	3.4	225	J	5.5	9	336	4.7	-1.8	1.4	2	J
20	739	3.1	200	J	5.3	13	7	3.7	0.6	0.7	4	J
21	757	3.0	197	J	5.4	20	45	3.3	3.6	1.0	2	J
22	738	3.3	245	J	5.6	16	36	3.8	3.0	0.8	3	J
23	738	3.7	235	J	5.9	-8	46	3.6	3.5	-1.4	3	J
24	740	3.9	246	J	5.9	-12	39	3.8	2.8	-1.6	3	J

AUG. 30, 1986

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
											242
764	3.7	306	J	5.9	12	315	3.1	-2.9	1.5	4	J
781	3.5	262	J								
751	4.2	421	J	5.6	2	322	4.1	-3.0	1.0	2	J
720	5.5	329	J	6.1	5	287	1.1	-2.9	2.0	5	J
690	5.0	242	J	7.4	-7	337	4.9	-2.1	0.5	5	J
656	4.9	185	J	8.3	-12	333	6.4	-3.5	0.5	4	J
656	5.7	235	J	8.3	1	331	6.3	-2.8	2.0	4	J
663	4.3	162	J	7.0	-4	350	6.1	-1.1	0.2	3	J
678	3.9	195	J	6.3	-23	345	4.5	-2.1	-1.0	4	J
683	4.2	231	J	6.0	-11	324	3.7	-2.7	0.6	4	J
682	4.2	227	J	5.7	-20	329	3.5	-2.5	-0.3	4	J
668	4.3	249	J	5.8	9	333	4.3	-1.7	1.6	3	J
695	3.9	185	J	6.7	20	311	3.8	-3.2	3.6	3	J
728	3.8	227	J	6.9	17	302	3.0	-4.0	3.3	4	J
741	3.6	284	J	6.8	2	310	3.5	-3.9	1.3	4	J
754	3.5	253	J	5.8	-49	355	3.0	-1.1	-3.3	3	J
764	3.0	200	J	5.1	-45	4	2.3	-0.3	-2.3	4	J
773	2.8	177	J	4.8	-15	324	2.3	-1.8	-0.4	4	J

AUG. 31, 1986

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												243
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	696	3.6	215	J	3.2	39	302	0.9	-0.5	1.9	3	J
11	696	3.6	169	J	4.6	59	300	0.9	0.4	3.4	3	J
12	675	3.2	182	J	4.5	-19	321	2.6	-2.4	0.2	3	J
13	645	2.7	205	J	4.3	-12	5	3.9	-0.2	-0.9	2	J
14	650	2.8	180	J	4.5	20	17	3.4	1.6	0.6	2	J
15	659	3.1	173	J	4.4	17	326	2.4	-1.0	1.5	3	J
16	652	3.3	160	J	4.7	48	340	2.7	0.5	3.3	2	J
17	645	3.6	157	J	4.9	9	320	3.0	-2.1	1.5	3	J
18	652	3.6	187	J	5.0	12	320	3.2	-2.3	1.7	2	J
19	686	3.8	191	J	4.8	23	286	1.0	-3.0	2.6	2	J
20	661	3.9	223	J	4.8	23	335	2.9	-1.0	1.7	3	J
21	638	3.9	299	J	5.2	-18	344	3.8	-1.3	-1.0	3	J
22	629	3.3	103	J	5.4	10	339	4.0	-1.4	1.0	3	J
23	628	3.4	95	J	5.2	15	346	4.3	-0.8	1.4	2	J
24	659	3.5	173	J	5.2	6	310	3.0	-3.4	1.2	2	J

SEP. 1, 1986

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
											244
605	2.7	116	J	4.3	9	339	3.9	-0.9	1.4	1	J
593	2.5	147	J	4.2	14	339	3.6	-0.7	1.6	1	J
577	2.8	91	J	4.6	13	332	3.9	-1.3	1.9	1	J
599	2.9	95	J	5.0	-2	305	2.8	-3.6	1.8	1	J
595	2.9	89	J	5.3	8	291	1.8	-3.9	2.6	2	J
582	3.3	84	J	5.8	-2	300	2.8	-4.6	1.7	1	J
575	3.8	93	J	6.1	-6	298	2.8	-5.2	1.2	1	J
576	4.3	92	J	6.5	-2	285	1.5	-5.5	1.4	3	J
568	4.8	99	J	6.4	-4	298	2.7	-5.0	0.8	3	J
570	4.1	92	J	7.7	10	258	-1.5	-6.8	2.8	2	J
555	5.4	146	J	6.7	12	290	1.5	-3.9	1.7	5	J
546	6.1	160	J	6.8	6	297	2.6	-4.9	1.5	3	J
559	6.5	131	J	6.7	0	306	2.2	-3.0	0.6	6	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 2, 1986							245
1	560	5.8	120	J	6.9	-16	322	4.2	-3.5	-0.8	4	J
2	553	5.6	90	J	7.1	-14	314	4.0	-4.4	-0.4	4	J
3					7.7	-9	322	5.9	-4.8	0.1	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	603	4.2	187	J	2.8	24	270	-0.0	-0.8	1.1	2	J
15	616	3.7	152	J	4.3	-24	349	3.2	-1.3	-1.0	3	J
16	619	3.5	112	J	4.5	-30	351	3.6	-1.4	-1.6	2	J
17	623	3.2	100	J	4.9	-18	352	4.1	-1.1	-1.0	2	J
18	624	3.8	136	J	4.6	32	339	3.4	-0.5	2.6	2	J
19	608	4.1	177	J	4.0	2	309	1.8	-2.1	0.7	3	J
20	608	4.2	172	J	3.5	29	236	-1.3	-1.6	1.7	2	J
21	587	3.9	169	J	4.1	0	313	2.5	-2.6	0.6	2	J
22	578	4.5	128	J								
23	563	4.6	116	J	3.7	13	29	2.2	1.3	0.3	2	J
24												
					SEP. 7, 1986							250
1	374	13.7	65	J	4.1	13	267	-0.2	-3.2	1.6	2	J
2												
3	384	16.7	27	J	3.7	49	315	0.8	-0.4	1.5	3	J
4	389	12.0	39	J	4.3	-26	193	-1.0	-0.4	-0.4	4	J
5	389	10.3	44	J	3.8	15	97	-0.3	2.3	-0.3	3	J
6	379	11.3	41	J	2.6	75	27	0.4	0.9	1.5	2	J
7	390	13.0	83	J	4.3	-1	113	-1.3	2.7	-1.5	3	J
8	380	10.9	41	J	4.1	13	127	-1.3	1.8	-0.5	3	J
9	389	10.6	50	J	3.7	31	31	2.3	2.0	0.6	2	J
10	389	10.0	49	J	2.3	37	39	1.0	1.2	0.4	2	J
11	396	9.9	44	J	2.9	17	26	2.4	1.4	0.0	1	J
12	384	8.8	37	J	2.9	4	354	2.6	-0.1	0.3	1	J
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					SEP. 9, 1986							252
1												
2	366	9.7	33	J	5.5	15	106	-1.4	5.2	0.1	1	J
3	370	11.3	32	J	5.6	56	137	-1.8	2.7	3.1	3	J
4	366	10.4	27	J	5.5	70	121	-0.7	2.2	3.0	4	J
5	360	12.7	36	J	4.1	-75	297	0.4	-2.2	-3.1	1	J
6	361	11.3	36	J	4.4	-44	108	-0.9	1.3	-3.8	2	J
7	361	10.8	41	J	2.7	18	114	-0.9	2.0	-0.3	2	J
8	363	11.3	33	J	3.6	-32	65	0.9	1.0	-2.2	2	J
9	364	11.9	39	J	3.2	-10	31	2.0	0.8	-1.0	2	J
10	369	11.0	36	J	4.0	-32	346	3.2	-1.8	-1.3	1	J
11	371	10.5	38	J	4.2	-25	2	3.8	-0.9	-1.5	1	J
12	371	11.2	29	J	4.5	-6	5	4.4	0.1	-0.6	1	J
13	368	11.3	40	J	4.3	63	39	1.4	3.0	2.4	1	J
14	363	11.3	43	J	3.8	50	359	2.3	1.4	2.4	1	J
15					3.2	70	281	0.2	0.5	2.9	1	J
16					2.9	69	207	-0.7	0.6	1.9	2	J
17					4.2	50	158	-2.3	2.0	2.4	2	J
18					4.2	27	114	-1.4	3.5	0.6	2	J
19	370	16.5	30	J	5.8	52	109	-1.1	4.5	3.3	2	J
20	374	17.0	26	J	6.3	51	135	-2.7	3.8	3.8	2	J
21	371	15.5	24	J	7.0	60	111	-1.2	4.5	5.1	2	J
22	368	16.8	25	J	6.7	69	117	-1.1	3.3	5.6	1	J
23	364	17.6	32	J	6.0	72	179	-1.8	1.1	5.3	2	J
24	342	19.3	41	J	4.7	-21	17	2.6	0.6	-1.2	4	J
					SEP. 11, 1986							254
1	380	5.3	43	J	7.6	9	297	3.1	-5.7	2.4	3	J
2	408	4.4	31	J	7.8	12	284	1.8	-6.6	3.4	1	J
3												
4												
5												
6	409	4.7	42	J	5.1	-19	344	4.5	-1.9	-0.9	1	J
7	405	5.3	47	J	4.9	-20	333	3.9	-2.5	-0.5	1	J
8	414	5.9	35	J	4.2	-7	304	2.3	-3.2	1.3	1	J
9	416	7.0	37	J	3.5	-7	296	1.3	-2.4	1.1	2	J
10	405	8.0	49	J	2.7	21	240	-1.1	-1.1	1.8	1	J
11	407	8.6	41	J	2.6	5	250	-0.8	-1.7	1.4	1	J
12	407	8.2	41	J	3.0	-42	334	1.9	-1.9	-1.1	1	J
13	399	8.4	47	J	2.6	-20	341	2.2	-1.1	-0.3	1	J
14	397	8.3	44	J	2.1	-10	315	1.3	-1.2	0.4	1	J
15	396	8.1	35	J	2.3	54	358	1.2	0.8	1.4	1	J
16	395	8.0	33	J	2.4	38	34	1.4	1.5	0.8	1	J
17	418	7.1	26	J	2.8	49	30	1.5	1.6	1.5	1	J
18	404	8.0	26	J	2.4	55	40	1.0	1.4	1.4	1	J
19	455	17.6	63	J	3.8	45	64	0.9	2.3	1.4	3	J
20	482	26.3	124	J	5.1	70	2	1.1	0.8	2.9	4	J
21	468	27.8	171	J	6.5	-30	161	-4.7	0.9	-3.2	3	J
22	458	30.7	147	J	7.1	-22	131	-3.4	3.4	-2.9	5	J
23	461	43.6	123	J	8.8	-26	144	-4.2	2.5	-3.1	7	J
24	481	16.1	38	J	23.4	76	65	2.3	9.5	20.6	5	J

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
				SEP. 6, 1986							249
				4.1	1	322	2.4	-1.9	0.4	2	J
345	11.2	24	J	3.8	23	324	2.4	-1.5	1.6	2	J
362	13.9	26	J	4.0	42	335	2.4	-0.6	2.5	2	J
				SEP. 8, 1986							251
369	22.0	32	J	5.9	17	110	-1.8	5.1	0.5	2	J
367	23.3	25	J	6.3	14	107	-1.7	5.8	0.0	2	J
361	23.0	32	J	5.3	16	148	-4.0	2.8	0.6	2	J
354	23.8	33	J	5.0	14	94	-0.3	4.3	-0.4	3	J
355	26.1	33	J	5.0	-9	88	0.2	4.2	-2.6	1	J
350	24.3	37	J	4.9	-3	107	-1.3	3.7	-2.0	2	J
344	21.6	26	J	4.6	-15	93	-0.2	3.3	-3.1	1	J
339	19.1	22	J	4.5	23	153	-3.1	2.1	0.5	2	J
337	16.8	21	J	4.4	31	145	-2.9	2.8	0.7	1	J
339	17.8	23	J	4.5	32	155	-2.8	2.2	0.9	2	J
342	12.5	31	J	5.9	22	162	-4.9	2.5	0.8	2	J
334	11.6	17	J	5.9	25	152	-4.6	3.4	0.7	1	J
328	15.1	18	J	3.9	21	147	-2.9	2.3	0.1	1	J
324	16.2	17	J	3.6	20	143	-2.5	2.2	-0.0	1	J
322	13.1	18	J	3.8	12	139	-2.6	2.3	-0.5	1	J
324	14.5	17	J	3.5	10	145	-2.6	1.9	-0.3	1	J
336	23.7	14	J	4.7	-3	153	-4.1	1.9	-0.8	1	J
353	14.8	34	J	5.3	56	286	0.7	-1.4	4.4	3	J
352	13.3	30	J	5.5	5	148	-2.6	1.7	-0.1	5	J
345	14.9	31	J	5.5	-15	148	-4.4	2.4	-1.9	1	J
338	14.5	20	J	5.8	-5	149	-4.9	2.8	-1.1	1	J
				SEP. 10, 1986							253
344	25.0	100	J	3.7	69	28	1.2	1.4	3.2	0	J
342	22.5	54	J	4.5	19	294	1.7	-3.1	2.6	1	J
336	20.9	37	J	4.9	14	22	4.0	1.9	0.4	2	J
332	22.3	40	J	5.5	-4	18	5.1	1.3	-1.1	1	J
332	22.3	41	J	5.5	-17	353	5.0	-1.3	-1.1	2	J
342	26.5	51	J	6.2	26	311	2.8	-1.7	3.4	4	J
366	34.8	62	J	8.8	44	216	-4.9	0.2	6.9	2	J
361	38.3	69	J	8.2	28	239	-3.3	-2.7	5.9	4	J
348	30.1	48	J	9.4	24	242	-3.3	-3.3	6.0	6	J
347	22.4	29	J	11.4	57	233	-3.7	1.3	10.6	2	J
358	26.8	42	J	11.9	54	221	-5.2	1.4	10.4	2	J
355	25.2	29	J	10.7	54	194	-6.0	3.2	8.0	2	J
346	20.3	19	J	10.0	50	227	-4.3	-0.4	8.9	1	J
344	21.9	20	J	9.0	51	237	-3.1	-1.1	8.3	1	J
337	17.0	16	J	8.4	42	250	-2.0	-3.0	7.1	3	J
340	23.3	22	J	7.5	56	238	-2.2	-1.2	7.0	1	J
337	15.6	23	J	7.2	28	282	1.1	-4.2	4.4	4	J
338	16.3	22	J	6.8	14	298	3.1	-5.2	3.1	1	J
356	13.4	32	J	7.2	51	266	-0.3	-3.0	5.8	3	J
367	14.5	32	J	6.8	41	259	-0.9	-3.7	5.0	3	J
				SEP. 12, 1986							255
468	11.3	34	J	20.6	61	297	4.4	-4.5	19.0	5	J
484	34.0	53	J	18.1	30	285	3.7	-11.3	11.6	8	J
517	29.4	43	J	19.7	-57	29	9.3	0.1	-17.2	2	J
562	22.7	219	J	14.7	-3	321	10.5	-7.5	4.0	6	J
556	17.2	199	J	16.0	-15	341	13.8	-6.1	-0.6	6	J
546	10.0	122	J	18.0	-18	349	16.7	-5.8	-2.7	2	J
543	12.0	355	J	13.8	-14	356	10.9	-2.2	-1.8	8	J
498	11.5	377	J	9.3	39	28	5.6	5.3	2.6	5	J
490	9.4	348	J	9.3	16	35	6.1	4.7	-0.4	5	J
515	6.9	195	J	11.6	9	40	7.1	5.9	-1.6	7	J
503	5.2	223	J	8.0	4	344	5.5	-1.2	1.1	6	J
				6.7	-21	30	4.9	1.7	-3.1	3	J
583	7.0	283	J	6.4	7	166	-4.8	1.3	0.2	4	J
564	4.6	108	J	7.9	19	182	-7.0	0.5	2.4	3	J
				6.5	-4	222	-4.4	-4.0	0.6	3	J
				5.1	-10	74	0.8	2.6	-1.2	4	J
596	8.0	189	J	4.1	-28	48	1.7	1.6	-1.7	3	J
587	6.3	181	J	5.0	-46	135	-1.0	0.7	-1.6	5	J
573	5.8	150	J	5.0	-13	141	-3.3	2.4	-1.5	2	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 13, 1986							256
1	571	5.6	91	J	4.7	-35	100	-0.6	2.8	-3.1	2	J
2	567	5.6	78	J	4.5	-53	75	0.6	1.4	-3.6	3	J
3	574	6.8	76	J	5.7	-19	49	3.1	2.9	-2.6	3	J
4	566	7.5	71	J	6.3	6	99	-0.9	5.9	-1.4	1	J
5	560	11.0	82	J	5.3	5	102	-0.8	3.6	-1.2	4	J
6												
7												
8												
9												
10												
11	554	15.8	68	J	1.4	-59	119	-0.3	-0.1	-1.2	1	J
12	548	15.8	71	J	1.2	-45	138	-0.6	-0.0	-0.9	1	J
13	527	10.3	99	J	3.3	-18	337	2.3	-1.2	-0.1	2	J
14	535	7.1	75	J	4.8	-10	268	-0.1	-3.3	1.3	3	J
15	538	6.2	51	J	5.6	26	254	-1.2	-2.6	3.9	3	J
16	522	10.0	54	J	4.6	68	30	1.1	1.9	2.5	3	J
17	526	13.5	69	J	1.5	-8	121	-0.6	0.8	-0.5	1	J
18					1.5	-8	162	-0.9	0.2	-0.2	1	J
19					2.5	11	197	-2.0	-0.5	0.6	1	J
20					2.0	-10	117	-0.8	1.4	-0.7	1	J
21					3.6	0	86	0.1	1.2	-0.3	4	J
22	501	8.1	45	J	5.7	-27	344	4.6	-1.8	-2.1	2	J
23	511	10.2	67	J	5.5	-54	35	2.3	0.8	-4.0	3	J
24					6.3	-32	350	5.1	-1.6	-3.0	2	J
					SEP. 14, 1986							257
	464	6.0	49	J	6.4	-21	330	4.9	-3.3	-1.5	2	J
	414	4.5	37	J	5.8	4	8	5.5	0.9	-0.1	1	J
	423	6.3	82	J	5.6	-3	6	5.4	0.3	-0.5	1	J
	425	7.7	85	J	5.5	-2	356	5.3	-0.4	0.0	1	J
	425	8.9	75	J	4.8	-3	353	4.7	-0.6	0.0	1	J
	409	10.3	62	J	3.7	20	134	-0.4	0.5	0.0	4	J
	417	15.2	73	J	3.9	-9	343	2.0	-0.7	-0.1	3	J
	411	17.2	52	J	4.6	-12	315	1.7	-1.8	0.0	4	J
	399	10.3	39	J	7.7	8	130	-4.8	5.8	-0.5	2	J
	419	12.7	40	J	4.7	22	119	-0.7	1.3	0.3	5	J
					4.1	-27	329	2.9	-2.1	-1.3	2	J
					3.6	4	345	3.4	-0.8	0.4	1	J
	418	20.3	44	J	4.1	-9	345	3.4	-1.0	-0.4	2	J
					SEP. 15, 1986							258
1	421	22.9	44	J	2.6	-12	13	2.1	0.4	-0.6	2	J
2	427	20.3	53	J	3.0	12	188	-2.3	-0.2	0.6	2	J
3	419	17.1	41	J	3.1	-2	184	-2.8	-0.2	-0.0	1	J
4					3.2	5	174	-3.0	0.4	0.1	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					SEP. 19, 1986							262
	609	5.1	139	J	6.9	40	20	4.5	3.5	2.6	3	J
	585	5.9	220	J	6.6	4	17	6.2	1.9	-0.5	1	J
					SEP. 20, 1986							263
1												
2												
3												
4												
5												
6												
7												
8	689	5.5	223	J	4.3	-66	22	1.5	-1.4	-3.5	1	J
9	685	4.7	243	J	6.3	10	300	2.7	-3.3	3.3	3	J
10	697	4.6	195	J	6.4	27	259	-0.9	-2.4	4.4	4	J
11	676	5.1	296	J	6.1	28	275	0.4	-2.2	4.4	4	J
12	676	5.0	242	J	6.6	40	278	0.5	-1.3	4.8	4	J
13	685	3.5	188	J	5.3	19	290	1.5	-2.5	3.4	3	J
14	634	3.2	135	J	5.7	-6	342	5.1	-1.7	0.4	2	J
15	631	3.1	101	J	6.1	-10	328	4.8	-3.1	0.6	2	J
16	626	3.7	135	J	6.5	2	310	3.9	-4.1	2.3	2	J
17												
18												
19												
20												
21												
22												
23												
24												
					SEP. 21, 1986							264
	684	3.7	112	J	4.0	-31	323	2.3	-2.1	-1.3	2	J
	670	4.5	211	J	3.9	-17	9	2.9	0.2	-1.0	2	J
	674	4.1	192	J	3.8	48	27	1.9	1.6	2.0	2	J
	659	4.2	241	J	3.8	-1	357	3.7	-0.2	0.0	1	J
	645	5.1	250	J	3.9	17	350	3.4	-0.1	1.2	1	J
	642	5.0	175	J	4.5	19	341	3.8	-0.6	1.8	2	J
	622	4.3	107	J	4.8	19	357	4.2	0.5	1.4	2	J
	599	4.4	231	J	5.2	-1	357	5.1	-0.3	0.1	1	J
	582	4.3	128	J	5.9	11	333	5.1	-1.6	2.3	1	J
	546	6.0	104	J	6.1	-11	44	4.2	2.7	-3.3	1	J
	559	5.5	143	J	6.3	2	312	3.4	-3.0	2.3	4	J
	560	4.9	108	J	5.6	23	296	2.1	-2.5	4.1	2	J
	551	4.1	124	J	4.8	-3	336	4.0	-1.6	0.7	2	J
	574	5.5	103	J	4.5	24	206	-3.4	-0.6	2.3	2	J
	562	5.5	107	J	3.6	21	246	-1.3	-2.0	2.4	2	J
	571	4.3	89	J	4.7	19	223	-3.0	-2.0	2.4	2	J
					SEP. 22, 1986							265
1												
2												
3	503	4.7	41	J	3.5	-3	278	0.5	-3.3	0.8	1	J
4	500	5.2	37	J	3.5	9	273	0.2	-3.0	1.7	1	J
5	500	4.7	38	J	3.9	-14	289	1.2	-3.5	0.5	1	J
6	500	5.4	42	J	3.5	6	291	1.2	-2.6	1.7	1	J
7	468	5.3	48	J	2.6	11	199	-1.7	-0.3	0.6	2	J
8	475	4.8	41	J	3.7	11	164	-3.4	1.2	0.1	1	J
9	473	5.1	41	J	4.4	12	160	-4.0	1.7	-0.0	1	J
10	464	6.0	44	J	4.4	14	160	-3.9	1.8	0.0	1	J
11	453	7.3	44	J	4.8	20	165	-4.3	1.9	0.7	1	J
12	446	6.6	30	J	4.3	20	172	-4.0	1.3	0.9	1	J
13	445	5.6	35	J	4.6	18	172	-4.2	1.3	0.8	1	J
14	427	9.3	42	J	4.1	28	163	-3.4	1.9	1.1	1	J
15	426	8.9	43	J	4.0	38	159	-2.9	2.1	1.6	1	J
16	428	7.4	42	J	4.1	29	161	-3.3	1.9	1.2	1	J
17	423	9.4	59	J	4.3	30	174	-3.6	1.2	1.8	1	J
18	421	9.1	37	J	4.0	26	156	-3.2	1.9	1.1	1	J
19	430	10.1	68	J	4.1	31	133	-2.2	2.9	1.1	2	J
20	452	22.3	59	J	8.2	28	134	-3.2	3.8	1.5	6	J
21	454	26.7	60	J	8.5	53	206	-3.7	-0.5	5.7	5	J
22	456	31.6	72	J	7.3	52	206	-3.3	-0.6	4.9	4	J
23	455	26.7	60	J	10.3	69	251	-1.1	-1.3	9.2	4	J
24	449	20.9	59	J	12.4	56	300	3.1	-3.3	10.0	6	J
					SEP. 23, 1986							266
	440	15.4	72	J	13.4	13	305	7.4	-9.6	5.4	2	J
	486	9.9	160	J	11.5	-53	345	6.6	-5.2	-7.6	2	J
	503	11.5	175	J	11.3	-62	332	3.9	-5.6	-6.6	6	J
	553	8.9	232	J	11.8	3	316	7.5	-6.0	4.0	5	J
	578	8.8	290	J	14.5	21	294	5.2	-7.4	10.4	4	J
	585	8.5	384	J	12.2	-3	296	4.4	-7.8	4.5	7	J
	618	7.9	306	J	10.5	15	307	5.1	-4.3	5.7	6	J
	629	7.5	306	J	7.5	-5	329	4.9	-2.7	1.3	5	J
	652	5.7	282	J	7.3	18	340	5.7	-0.6	2.8	4	J
	638	5.6	179	J	7.2	16	356	6.0	0.6	1.7	3	J
	674	5.2	227	J	7.4	-15	310	3.1	-3.8	0.8	5	J
	684	4.5	221	J	6.9	-14	317	4.0	-4.0	0.6	4	J
	694	3.9	156	J	6.1	-28	5	4.4	-0.7	-2.3	4	J
	683	4.0	182	J	6.4	-23	349	4.9	-1.7	-1.6	3	J
	665	4.0	184	J	6.7	-25	358	5.5	-1.1	-2.3	3	J
	656	4.9	227	J	6.1	-21	330	4.3	-2.9	-1.1	3	J
	687	5.0	215	J	5.5	25	6	2.4	0.5	1.0	5	J
	661	5.5	263	J	5.8	-15	306	3.0	-4.3	-0.4	2	J
	667	5.0	177	J	6.1	-13	289	1.6	-4.6	-0.1	4	J
	650	4.9	168	J	5.7	5	313	2.9	-2.9	1.0	4	J
	642	4.7	134	J	6.8	25	316	3.8	-3.1	3.2	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 24, 1986							267
1	623	4.6	161	J	6.8	-24	337	4.3	-2.3	-1.6	4	J
2	645	4.9	237	J	5.8	-13	324	2.7	-2.1	-0.2	5	J
3												
4												
5												
6												
7												
8												
9	624	4.5	116	J	5.9	17	316	3.8	-2.2	3.4	2	J
10	631	4.5	113	J	5.9	13	318	3.5	-2.0	2.7	3	J
11					6.0	-30	343	4.1	-2.5	-1.3	3	J
12					5.6	1	315	4.0	-3.2	2.3	1	J
13	613	3.4	84	J	5.8	-7	340	4.7	-1.8	0.4	3	J
14	631	3.6	103	J	5.8	-35	338	3.8	-2.8	-1.6	3	J
15					5.8	-14	346	4.6	-1.6	-0.5	3	J
16					5.8	18	333	3.9	-1.1	2.2	4	J
17	634	3.9	95	J	6.1	28	315	3.4	-2.1	3.7	3	J
18	610	4.1	114	J	6.7	13	2	6.1	0.7	1.3	2	J
19					6.0	-34	350	4.4	-1.7	-2.6	3	J
20	630	4.0	196	J	5.8	-6	5	3.7	0.2	-0.5	5	J
21	609	4.4	141	J	6.2	-5	332	3.9	-2.1	0.1	4	J
22	610	4.3	105	J	6.1	-37	17	4.5	0.6	-3.8	2	J
23	639	5.4	142	J	5.2	23	291	1.3	-3.0	2.2	3	J
24	635	5.6	149	J	4.9	39	289	0.9	-2.2	2.9	3	J
					SEP. 26, 1986							269
1	702	5.0	155	J	5.5	-19	38	3.0	2.0	-1.8	4	J
2	698	4.8	154	J	5.2	6	321	3.0	-2.2	1.0	3	J
3	680	4.8	129	J	5.4	-11	356	4.4	-0.6	-0.7	3	J
4	684	3.9	153	J	5.5	-9	346	4.3	-1.3	-0.3	3	J
5	679	3.8	166	J	5.2	-41	26	3.3	0.2	-3.5	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	661	3.6	213	J	5.3	-42	333	3.3	-3.0	-2.2	2	J
17	648	3.5	163	J	5.2	-23	329	3.8	-2.8	-0.8	2	J
18	637	3.1	125	J	4.9	0	343	4.0	-1.2	0.4	2	J
19	636	3.2	115	J	5.4	-6	316	3.4	-3.3	0.5	2	J
20	629	2.9	112	J	5.9	8	329	4.2	-2.2	1.3	3	J
21	631	3.0	146	J	6.2	6	299	2.7	-4.7	1.7	3	J
22	649	3.5	177	J	5.9	45	304	1.7	-1.8	3.4	4	J
23	652	3.8	190	J	5.5	34	308	2.4	-2.5	3.2	3	J
24	668	4.1	245	J	5.1	1	292	1.7	-4.1	1.0	2	J
					OCT. 1, 1986							274
1												
2												
3												
4												
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6												
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20												
21												
22												
23	459	7.4	107	J	5.0	-9	107	-1.2	3.8	-1.5	2	J
24	463	7.0	75	J	6.1	24	121	-2.5	4.6	1.3	3	J
					OCT. 3, 1986							276
1	464	22.6	39	J	2.9	-12	167	-2.4	0.4	-0.6	1	J
2	461	25.1	33	J	3.2	26	170	-2.4	0.7	1.0	2	J
3	453	20.9	37	J	2.6	14	136	-1.5	1.6	0.1	2	J
4	444	17.3	47	J	1.9	-22	160	-1.6	0.3	-0.8	1	J
5	443	17.5	46	J	3.9	-6	203	-2.1	-0.9	0.1	3	J
6	412	9.9	41	J	7.1	-6	10	6.5	0.7	-1.1	3	J
7	408	9.9	48	J	7.3	8	8	7.1	1.4	0.4	1	J
8	403	8.1	50	J	5.8	3	351	5.4	-0.6	0.7	2	J
9	401	6.9	45	J	5.2	-5	323	3.7	-2.6	1.2	2	J
10	402	5.0	40	J	4.9	-4	347	4.7	-1.1	0.3	1	J
11	395	4.7	50	J	4.3	4	337	3.8	-1.2	1.1	1	J
12					4.3	1	354	4.2	-0.3	0.3	1	J
13	383	4.5	43	J	4.0	-8	345	3.6	-1.1	0.1	1	J
14												
15												
16												
17												
18												
19	423	12.0	39	J	5.7	65	257	-0.5	-0.7	5.2	2	J
20	424	18.1	54	J	3.7	34	230	-1.4	-1.2	1.8	3	J
21	424	15.8	57	J	4.6	-24	236	-1.5	-2.4	-0.6	4	J
22	412	16.4	60	J	4.3	9	28	2.1	1.2	0.1	4	J
23	418	14.4	48	J	4.1	27	265	-0.3	-2.6	2.1	2	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 25, 1986							268
	605	5.6	157	J	5.5	5	335	4.5	-1.9	0.9	2	J
	641	5.7	171	J	5.0	45	305	1.4	-1.3	2.9	4	J
	621	5.7	126	J	5.1	-11	319	3.2	-2.9	0.1	3	J
	619	5.7	138	J	5.4	37	339	3.3	-0.3	2.9	3	J
	678	4.2	275	J	6.0	52	310	2.3	0.2	5.2	2	J
	693	4.1	121	J	6.7	-13	329	5.4	-3.5	0.6	2	J
	707	4.2	177	J	6.0	-13	333	4.3	-2.5	0.3	3	J
	723	4.6	326	J	5.8	-24	334	4.1	-2.8	-0.5	3	J
	743	4.0	299	J	5.0	8	302	1.7	-2.1	1.9	4	J
	714	4.1	203	J	5.6	-40	10	3.9	-1.2	-3.2	2	J
	712	4.0	158	J	5.7	-10	350	3.4	-0.8	-0.2	4	J
	743	3.9	238	J	6.3	52	279	0.4	-0.7	3.7	5	J
	704	4.3	206	J	5.7	-11	324	3.4	-2.6	0.2	4	J
	706	3.9	181	J	5.7	17	345	2.7	-0.4	1.0	5	J
	701	4.3	168	J	5.9	39	332	3.5	-0.8	3.6	3	J
	710	4.2	179	J	6.0	41	312	2.3	-1.7	3.6	4	J
	696	4.6	142	J	5.6	27	339	4.0	-1.0	2.5	3	J
	704	4.6	165	J	5.0	4	329	3.1	-1.8	0.6	3	J
	696	5.1	131	J	5.6	-41	333	3.3	-2.3	-2.8	3	J
	702	4.9	171	J	5.4	-45	23	2.9	0.5	-3.3	3	J
					SEP. 27, 1986							270
	683	3.9	233	J	4.5	-2	288	1.1	-3.2	0.6	3	J
	662	4.1	283	J	4.1	17	336	2.1	-0.7	0.9	3	J
	677	4.1	235	J	4.6	43	313	1.6	-1.0	2.7	3	J
	696	3.9	155	J	4.7	67	253	-0.5	-0.1	4.5	1	J
	669	5.0	179	J	5.3	9	305	2.6	-2.8	2.6	3	J
	644	5.4	197	J								
					OCT. 2, 1986							275
	448	8.4	79	J	6.6	15	119	-2.8	5.2	0.3	2	J
	441	10.3	72	J	6.4	1	126	-3.5	4.6	-1.1	2	J
	433	10.7	57	J	6.6	1	121	-3.1	4.9	-1.4	2	J
	428	10.3	51	J	6.7	1	121	-3.1	4.9	-1.7	2	J
	416	9.4	35	J	7.3	-4	143	-5.6	3.7	-2.1	1	J
	413	8.4	31	J	7.3	-1	149	-6.0	3.2	-1.7	1	J
	415	10.1	41	J	7.0	-7	141	-4.9	3.1	-2.6	3	J
	427	11.5	54	J	6.5	18	105	-1.4	5.4	-1.2	3	J
	422	12.3	51	J	5.6	6	124	-3.3	4.5	-2.2	3	J
	418	12.9	53	J	7.4	0	133	-4.8	4.2	-2.9	2	J
	414	13.4	37	J	7.3	5	143	-5.6	3.8	-1.9	2	J
	417	14.3	52	J	7.1	5	132	-4.4	4.4	-2.3	2	J
	425	16.3	59	J	7.7	23	127	-3.9	5.8	-0.5	3	J
	424	21.4	63	J	9.4	9	140	-6.4	5.3	-1.7	4	J
	441	22.4	78	J	10.0	-45	147	-4.7	-0.0	-6.4	6	J
	484	20.3	89	J	5.7	19	121	-2.6	4.6	0.4	2	J
	458	11.5	59	J	8.6	-22	147	-6.5	3.3	-4.1	2	J
	457	11.9	53	J	9.1	11	155	-7.4	3.7	0.8	4	J
	463	27.8	41	J	2.8	-5	216	-2.2	-1.6	0.1	0	J
					OCT. 4, 1986							277
	402	10.0	73	J								
	409	9.6	56	J	6.5	6	306	3.4	-4.3	2.0	3	J
	414	8.2	48	J	7.0	-9	325	4.2	-3.0	0.2	5	J
	413	6.5	47	J	7.2	-22	332	5.8	-3.9	-1.2	1	J
	428	7.0	69	J	7.0	-9	309	4.2	-5.1	1.3	2	J
	445	8.3	75	J	6.1	-7	315	3.9	-3.8	1.3	2	J
	438	8.1	83	J	6.6	-20	333	5.4	-3.5	-0.4	2	J
	443	7.6	68	J	6.7	-22	337	5.6	-3.4	-0.8	1	J
	420	6.7	54	J	6.0	-12	332	5.0	-2.9	0.5	1	J
	418	6.3	37	J	5.9	-5	332	4.9	-2.4	1.1	2	J
	422	6.5	45	J	5.4	19	8	4.6	1.4	1.0	2	J
	432	6.9	58	J	5.1	44	35	2.9	3.5	1.8	2	J
	424	6.4	52	J	4.8	36	17	3.5	2.3	1.7	2	J
	423	6.7	45	J	4.6	30	357	3.7	0.9	2.0	2	J
	439	8.8	85	J	5.1	31	338	3.4	-0.3	2.6	3	J
	440	10.8	103	J	6.6	7	330	5.2	-2.5	1.9	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 5, 1986							278
1												
2												
3												
4	416	10.8	105	J	5.4	-15	31	4.5	2.0	-2.2	1	J
5	417	9.5	48	J	6.1	-19	357	5.2	-1.0	-1.5	2	J
6	444	12.8	92	J	7.6	-11	324	5.5	-4.2	0.6	3	J
7	471	15.2	110	J	9.5	-1	296	2.8	-5.2	2.7	7	J
8	497	14.4	128	J	9.0	51	191	-4.6	2.2	5.4	5	J
9	506	12.4	143	J	9.0	73	221	-1.6	2.7	6.7	6	J
10	502	9.6	166	J	9.6	9	269	-0.1	-5.7	5.3	6	J
11	487	7.0	114	J	8.2	-50	318	3.7	-6.1	-3.0	3	J
12	500	6.8	125	J	6.1	-36	309	2.1	-3.6	-0.6	4	J
13	507	7.8	110	J	5.8	-23	351	4.8	-1.8	-1.3	2	J
14	503	5.9	134	J	5.2	-4	15	4.7	0.9	-0.9	2	J
15	522	4.5	160	J	4.9	-4	16	4.6	1.0	-0.9	1	J
16	546	4.3	136	J	4.2	11	3	3.9	-0.1	0.8	1	J
17	554	4.1	124	J	4.2	-27	333	3.0	-2.1	-1.0	2	J
18	535	4.4	159	J	4.7	-25	342	3.8	-1.8	-1.3	2	J
19					4.1	-10	349	3.8	-0.9	-0.4	1	J
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 6, 1986							279
	541	6.4	151	J	5.3	-77	158	-0.8	-1.5	-3.4	4	J
	538	6.6	171	J	6.3	-31	18	5.0	-0.3	-3.5	1	J
	519	6.6	116	J	5.5	-3	308	2.9	-3.2	1.8	3	J
	557	5.6	108	J	6.0	16	230	-3.6	-2.6	3.7	2	J
	565	4.8	76	J	5.7	8	230	-3.6	-3.1	3.0	1	J
	565	4.3	83	J	5.0	32	222	-2.9	-0.8	3.5	2	J
	549	4.2	96	J	5.4	21	268	-0.2	-2.8	3.9	2	J
	531	4.6	90	J	5.0	4	327	3.3	-1.7	1.4	3	J
	502	4.0	66	J	5.2	-22	334	4.2	-2.7	-0.7	1	J
	513	3.5	74	J	4.3	-25	304	2.0	-3.4	-0.2	2	J
	514	3.7	74	J	4.3	-3	267	-0.2	-3.5	1.2	2	J
	494	5.2	91	J	3.6	15	322	2.1	-1.3	1.2	2	J
	480	5.9	95	J	3.9	13	5	3.6	0.5	0.7	1	J
	493	5.4	83	J	3.5	-12	177	-1.5	-0.0	-0.3	3	J
	510	5.2	71	J	3.8	-14	176	-3.7	0.0	-1.0	1	J
	478	4.2	55	J	2.8	10	192	-2.3	-0.4	0.5	1	J
	466	5.3	51	J	2.8	41	267	-0.1	-1.4	1.8	2	J
					OCT. 7, 1986							280
1	459	5.3	41	J	3.4	29	29	2.2	1.5	1.1	2	J
2	454	5.0	42	J	3.7	3	12	3.4	0.7	-0.0	1	J
3	455	4.9	45	J	3.6	9	325	2.7	-1.6	1.0	1	J
4	463	5.0	44	J	3.8	17	289	1.1	-2.7	2.1	1	J
5												
6												
7												
8												
9	455	6.5	46	J	3.4	-14	316	2.1	-2.1	0.5	2	J
10	457	6.6	45	J	3.2	14	329	2.0	-0.7	1.2	2	J
11	458	6.7	56	J	2.9	29	330	1.8	-0.2	1.6	2	J
12	458	6.3	44	J	3.1	31	262	-0.3	-1.2	2.5	2	J
13	447	6.1	51	J	3.6	15	242	-1.6	-2.0	2.4	1	J
14	441	5.7	55	J	3.7	21	241	-1.6	-1.8	2.5	1	J
15	440	6.1	76	J	3.0	15	307	1.6	-1.6	1.7	1	J
16	430	6.4	101	J	3.2	-10	351	2.9	-0.6	-0.3	1	J
17	436	6.8	89	J	2.9	-13	12	2.4	0.3	-0.7	1	J
18	426	6.6	78	J	3.4	27	326	2.4	-1.0	2.0	1	J
19	423	6.6	60	J	2.7	49	323	1.2	-0.4	1.9	2	J
20	425	6.9	66	J	3.1	-21	268	-0.1	-2.6	-0.3	2	J
21	419	7.4	45	J	2.4	65	271	0.0	-0.4	1.9	1	J
22	410	6.4	37	J	3.0	-24	313	1.8	-2.1	-0.8	1	J
23	412	7.4	37	J	2.6	-2	280	0.4	-2.0	0.3	1	J
24	411	7.9	34	J	2.9	42	291	0.7	-1.4	2.1	1	J
					OCT. 8, 1986							281
	405	10.3	29	J	2.5	23	330	1.9	-0.9	1.2	1	J
	399	10.4	32	J	2.8	18	336	2.3	-0.8	1.0	1	J
	392	10.7	33	J	3.2	22	339	2.8	-0.7	1.5	0	J
	387	11.3	35	J	3.6	24	349	3.1	-0.1	1.5	1	J
	383	12.2	25	J	3.7	14	355	3.0	0.1	0.8	2	J
	390	20.8	34	J	3.2	-27	353	2.8	-1.1	-1.0	1	J
	385	27.0	43	J	3.2	-12	347	2.3	-0.7	-0.1	2	J
	383	24.9	45	J	4.5	-12	6	4.4	-0.1	-1.0	1	J
	384	23.0	38	J	5.3	-15	5	5.1	-0.3	-1.4	0	J
	375	21.9	36	J	4.0	-33	0	3.3	-1.0	-1.9	1	J
	367	21.2	37	J	3.6	-56	15	1.6	-0.7	-2.4	2	J
	356	19.2	38	J	5.5	-40	322	3.1	-3.5	-2.1	2	J
	359	18.2	42	J	4.2	3	327	2.9	-1.7	0.8	3	J
	361	17.0	39	J	3.9	37	293	0.8	-1.4	2.1	3	J
	354	15.0	45	J	4.5	-22	0	2.7	-0.3	-1.1	3	J
	355	12.8	46	J	3.8	-19	47	2.0	1.9	-1.5	2	J
	372	10.3	53	J	3.8	-32	358	3.1	-0.5	-1.8	2	J
	377	10.3	37	J	3.9	-31	305	1.6	-2.4	-1.2	2	J
	375	10.7	34	J	3.9	-30	307	1.7	-2.6	-1.2	2	J
					OCT. 9, 1986							282
1	376	10.3	35	J	3.9	32	191	-3.0	-0.2	2.0	2	J
2					3.9	13	230	-2.3	-2.5	1.5	1	J
3					2.6	-34	292	0.4	-1.1	-0.4	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	371	15.0	24	J	5.3	-25	337	4.1	-2.6	-0.8	2	J
14	372	16.0	24	J	6.0	-22	311	3.2	-4.1	0.2	3	J
15	373	17.1	24	J	6.5	-7	296	2.3	-4.4	1.6	4	J
16	383	13.6	42	J	6.7	-8	277	0.7	-5.7	1.8	3	J
17	379	15.7	28	J	5.1	-18	278	0.6	-4.3	0.3	3	J
18	375	14.3	25	J	5.2	-3	279	0.6	-3.7	1.1	3	J
19												
20												
21												
22												
23												
24												
					OCT. 14, 1986							287
	559	9.8	287	J								
	597	10.5	390	J								
	621	9.0	403	J								
	628	6.2	215	J								
	635	5.0	223	J								
	669	4.0	184	J								
	678	4.3	172	J	5.3	26	264	-0.5	-3.9	2.9	2	J
					OCT. 15, 1986							288
1	655	5.1	204	J	5.5	-7	283	0.8	-3.6	0.3	4	J
2	672	4.9	221	J	6.4	37	223	-3.3	-2.2	4.0	3	J
3	669	4.0	150	J	6.1	19	277	0.4	-3.1	2.2	5	J
4	683	3.5	164	J	7.1	21	276	0.6	-4.8	4.0	3	J
5	695	3.5	168	J	6.8	30	291	1.9	-3.5	4.8	3	J
6	661	3.9	193	J	7.5	1	299	3.0	-4.8	2.4	4	J
7	641	3.7	132	J	7.0	-15	323	4.9	-4.1	0.3	3	J
8	650	4.0	205	J	7.2	-35	313	3.1	-4.5	-1.1	4	J
9	651	3.9	241	J	6.2	-37	355	4.3	-2.1	-2.5	3	J
10	678	3.1	187	J	4.7	-3	1	4.3	-0.1	-0.2	2	J
11	682	3.0	143	J	4.8	4	343	4.2	-0.9	1.0	2	J
12	676	3.5	173	J	5.7	-16	329	4.3	-2.9	0.2	2	J
13	657	3.3	152	J	5.7	-5	331	4.7	-2.5	1.0	2	J
14	638	3.1	123	J	5.4	-7	340	4.8	-1.8	0.3	1	J
15	638	3.4	146	J	5.7	-5	346	5.2	-1.4	0.2	2	J
16	632	2.9	210	J	5.3	-12	348	5.1	-1.4	-0.6	1	J
17												
18												
19												
20												
21												
22												
23												
24												
					OCT. 16, 1986							289
	621	3.1	98	J	3.6	10	232	-2.2	-2.6	1.3	0	J
	638	2.7	101	J	3.6	9	234	-2.0	-2.5	1.3	1	J
	612	4.3	81	J	4.5	13	223	-3.1	-2.4	1.9	1	J
	599	5.1	96	J	3.7	2	212	-1.9	-1.1	0.5	3	J
	576	5.8	101	J	2.5	-6	229	-1.1	-1.2	0.4	2	J
	572	4.7	81	J	3.5	15	220	-2.6	-1.5	1.8	1	J
	568	4.6	80	J	3.0	3	234	-1.3	-1.5	1.0	2	J
	575	4.0	88	J	3.7	16	210	-2.7	-0.8	1.6	2	J
	570	3.7	176	J	5.2	22	213	-4.0	-1.1	3.0	1	J
	567	4.3	105	J	4.0	1	237	-2.0	-2.6	1.8	2	J
	567	3.5	116	J	4.6	-17	346	4.0	-1.5	-0.5	2	J
	565	3.6	95	J	4.9	-1	360	4.7	-0.0	-0.1	1	J
	562	3.2	109	J	4.6	3	347	4.0	-0.7	0.6	2	J
	548	2.9	109	J	3.2	-14	312	1.7	-2.0	0.3	2	J
	540	2.7	105	J	3.3	-14	288	0.7	-2.3	0.4	2	J
	538	2.5	76	J	3.2	12	227	-2.0	-1.8	1.4	1	J
	513	3.6	56	J	1.7	17	143	-1.1	0.9	0.2	1	J
	504	3.9	54	J	1.8	18	183	-0.9	0.0	0.3	2	J
	501	4.1	49	J	2.6	13	265	-0.2	-1.9	0.9	1	J
	501	4.4	47	J	3.6	-5	283	0.4	-1.9	0.2	3	J
	498	4.2	55	J	3.9	38	189	-3.0	-0.1	2.4	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 17, 1986							290
1												
2												
3	489	7.4	101	J	2.6	31	287	0.2	-0.5	0.5	3	J
4	488	7.5	80	J	3.1	-21	247	-0.7	-1.7	-0.1	3	J
5	490	7.1	70	J	3.8	36	205	-2.5	-0.3	2.3	2	J
6	484	5.3	53	J	4.0	20	217	-2.9	-1.4	2.1	1	J
7	492	5.3	72	J	4.2	-20	296	0.8	-1.8	0.2	4	J
8	500	4.3	76	J	4.6	-3	321	3.1	-2.3	1.1	2	J
9	503	3.8	80	J	4.7	-8	340	4.2	-1.6	0.3	1	J
10	495	3.9	100	J	4.7	-4	332	4.0	-1.9	0.9	1	J
11					4.3	-6	349	4.0	-0.9	0.1	1	J
12	482	4.0	119	J	4.9	6	337	4.1	-1.2	1.3	2	J
13	460	4.6	38	J	5.4	-10	307	3.1	-4.0	1.4	1	J
14	463	4.9	52	J	5.2	1	317	3.5	-2.8	1.7	2	J
15	455	5.7	33	J	5.3	-4	344	4.8	-1.4	0.3	2	J
16	450	5.9	89	J	6.0	4	333	5.2	-2.2	1.4	2	J
17	448	5.8	66	J	5.6	6	321	4.3	-3.0	1.8	1	J
18												
19	438	5.4	76	J	6.0	-4	323	4.7	-3.5	0.6	1	J
20	423	7.4	75	J	6.0	-8	316	4.3	-4.2	0.1	1	J
21	426	11.3	50	J	5.3	12	298	2.0	-3.5	1.6	3	J
22	423	11.3	49	J	5.3	-10	309	2.2	-2.7	-0.1	4	J
23	445	12.0	87	J	5.9	9	286	1.1	-3.8	1.3	4	J
24	449	14.3	73	J	5.9	14	277	0.6	-4.4	2.0	3	J
					OCT. 18, 1986							291
	436	17.7	99	J	4.7	3	283	0.8	-3.4	0.9	3	J
	468	8.1	93	J	6.1	19	215	-4.6	-2.1	3.1	1	J
	471	8.1	110	J	5.0	21	199	-4.2	-0.5	2.2	2	J
	470	9.9	160	J	4.4	19	237	-1.8	-1.8	2.4	3	J
	473	12.1	173	J	4.9	48	173	-2.8	1.9	2.5	3	J
	485	11.6	159	J	6.2	42	190	-3.7	1.3	3.2	4	J
	482	10.4	143	J	8.0	-8	311	2.8	-3.0	1.3	7	J
					5.7	-7	74	0.5	1.3	-1.0	6	J
	523	9.4	309	J	6.5	17	120	-2.5	4.6	-0.9	4	J
	566	7.3	171	J	7.7	-7	352	7.0	-1.3	-0.3	3	J
	568	7.6	157	J	6.2	-17	338	5.1	-2.6	-0.6	2	J
	570	8.7	225	J	5.6	-12	339	4.7	-2.1	-0.2	2	J
	563	8.1	204	J	7.1	-1	341	5.7	-1.9	0.6	4	J
	594	9.1	285	J	7.4	75	220	-1.1	0.8	5.1	5	J
	585	11.1	334	J	9.1	46	291	1.4	-2.5	4.9	7	J
	560	12.1	334	J	9.3	-50	23	5.0	0.6	-6.8	3	J
					OCT. 19, 1986							292
1												
2												
3												
4												
5												
6												
7												
8	610	5.5	174	J	8.7	-37	338	5.8	-4.4	-2.9	3	J
9	623	5.3	215	J	8.4	11	317	3.7	-2.4	2.7	7	J
10	684	6.5	287	J	8.0	39	288	1.8	-2.1	6.8	3	J
11	597	6.9	202	J	8.3	15	321	5.1	-2.5	3.7	5	J
12	623	6.3	229	J	8.3	-33	326	4.0	-4.0	-1.2	6	J
13	620	5.2	155	J	7.0	-25	343	4.1	-2.1	-1.1	5	J
14	626	4.3	151	J	5.8	-48	328	2.6	-3.1	-2.2	4	J
15	606	4.0	141	J	5.9	-28	339	4.1	-2.5	-1.4	3	J
16	613	4.7	184	J	5.3	6	321	2.9	-2.0	1.3	4	J
17	614	5.0	149	J	5.1	42	10	3.1	1.5	2.4	3	J
18	640	4.5	133	J	5.0	27	250	-1.3	-2.9	3.0	2	J
19	631	5.1	134	J	4.8	-18	275	0.3	-3.2	-0.2	4	J
20	612	5.5	165	J	4.4	-10	330	2.0	-1.2	-0.1	4	J
21	603	5.4	204	J	4.6	43	10	2.5	0.9	2.3	3	J
22	576	5.3	153	J	4.3	1	340	3.4	-1.2	0.3	2	J
23	604	6.0	140	J	4.9	-13	290	1.6	-4.4	-0.3	1	J
24												
					OCT. 20, 1986							293
	587	6.2	135	J	5.4	21	298	1.9	-2.2	3.3	3	J
	590	6.5	167	J	5.0	73	337	1.1	1.8	3.6	3	J
	588	6.1	174	J	5.2	9	297	1.7	-2.4	2.2	4	J
	629	5.4	162	J	5.6	35	281	0.8	-2.0	4.5	2	J
	603	5.2	201	J	5.8	-30	345	4.9	-2.5	-1.9	1	J
	607	5.1	210	J	5.6	-32	5	3.6	-0.7	-2.2	4	J
	620	5.2	185	J	5.8	37	265	-0.4	-2.5	4.4	3	J
	603	5.5	250	J	5.7	-4	302	2.0	-3.0	0.9	4	J
	609	5.1	235	J	5.9	52	332	2.7	-0.2	4.1	3	J
	623	5.3	223	J	5.3	-18	332	1.3	-0.8	-0.3	5	J
	602	5.4	249	J	5.4	-4	313	2.2	-2.4	0.3	4	J
	596	5.8	209	J	6.9	-9	321	4.2	-3.5	-0.2	4	J
	585	6.2	305	J	6.0	-15	337	4.9	-2.3	-1.0	2	J
	587	5.9	203	J	6.9	-3	328	5.0	-3.1	0.2	4	J
	615	5.7	200	J	7.3	8	312	3.8	-4.0	1.5	4	J
					OCT. 21, 1986							294
1	630	5.4	226	J	6.9	3	313	4.0	-4.2	1.1	4	J
2	615	5.5	169	J	7.0	-2	331	5.9	-3.2	0.5	2	J
3	637	6.5	254	J	7.3	22	320	4.1	-2.8	3.0	4	J
4	648	6.3	283	J	7.8	44	308	2.9	-2.1	5.4	4	J
5	652	6.3	287	J	8.2	38	301	3.2	-3.2	6.5	2	J
6												
7												
8												
9												
10												
11												
12	683	3.3	137	J	5.4	16	299	2.3	-2.8	3.3	2	J
13	667	2.9	151	J	5.5	-15	301	2.5	-4.3	1.0	2	J
14	653	2.8	126	J	5.7	9	297	2.4	-3.7	3.0	2	J
15	629	3.0	102	J	5.5	-14	329	3.7	-2.4	0.0	3	J
16	630	3.4	138	J	5.4	42	7	3.4	1.6	2.7	3	J
17	630	3.5	115	J	5.0	26	334	3.2	-0.8	2.1	3	J
18	656	3.4	157	J	4.5	-38	295	1.1	-2.9	-1.2	3	J
19												
20	613	3.4	90	J	5.9	18	345	4.7	-0.9	1.8	3	J
21	619	3.4	96	J	4.8	-2	330	3.8	-2.2	0.3	2	J
22	618	3.3	104	J	4.3	-12	327	3.2	-2.2	-0.5	2	J
23	624	3.2	97	J	5.7	16	282	1.0	-4.5	2.2	2	J
24	592	3.1	119	J	5.2	-1	324	3.8	-2.7	0.4	2	J
					OCT. 27, 1986							300
	392	11.6	49	J								
	367	7.7	96	J								
	385	7.5	96	J	6.6	-23	304	2.8	-4.5	-1.3	4	J
	397	7.5	90	J	6.3	-6	275	0.5	-5.2	0.3	4	J
	412	5.0	157	J	4.6	13	327	3.6	-2.2	1.3	1	J
					OCT. 28, 1986							301
1	411	5.9	205	J	4.9	18	330	3.5	-1.8	1.6	2	J
2	415	7.9	138	J	6.4	-32	358	4.7	-0.7	-2.9	3	J
3	415	7.9	119	J	7.6	5	38	5.2	4.1	-0.4	4	J
4	422	7.6	99	J	6.4	21	279	0.8	-4.4	3.4	3	J
5	426	6.9	83	J	5.5	-9	268	-0.2	-4.9	1.0	2	J
6	424	6.7	92	J	5.1	-15	276	0.4	-4.2	0.6	3	J
7	393	6.4	63	J	5.9	-23	313	3.5	-4.3	-0.3	2	J
8	393	6.1	66	J	6.1	-20	314	3.9	-4.5	0.1	1	J
9	394	6.9	71	J	6.9	-21	311	4.2	-5.4	0.3	1	J
10	389	6.9	63	J	7.2	-19	327	5.6	-4.3	-0.1	1	J
11	386	8.2	64	J	8.0	-14	319	5.3	-4.9	0.9	3	J
12	388	7.8	73	J	7.6	7	310	4.8	-4.4	3.7	1	J
13	397	8.5	51	J	6.9	9	281	1.2	-5.0	4.0	2	J
14	404	7.9	46	J	6.8	22	265	-0.5	-4.2	4.9	2	J
15	391	7.6	44	J	6.2	32	283	1.1	-3.2	5.0	2	J
16												
17												
18												
19	374	4.3	37	J	4.5	10	318	3.1	-2.5	1.4	2	J
20	367	3.5	47	J	4.8	-4	352	4.4	-0.7	-0.2	2	J
21	368	5.6	48	J	6.1	-13	354	5.6	-0.8	-1.2	2	J
22	381	7.6	64	J	6.8	-41	355	4.4	-0.9	-3.8	3	J
23												
24												
					OCT. 29, 1986							302
	457	23.9	73	J	6.0	-45	36	3.3	1.6	-4.4	1	J
	458	21.7	59	J	6.8	-22	45	3.7	3.1	-2.9	4	J
	462	21.8	48	J	6.0	30	97	-0.2	1.6	0.4	6	J
	457	16.9	38	J	6.2	38	134	-3.3	4.5	2.3	2	J
	472	13.7	61	J	4.9	0	85	0.3	3.5	-1.5	3	J
	498	17.1	44	J	4.6	-10	44	2.4	1.8	-1.5	3	J
	481	15.1	40	J	3.9	-5	61	1.5	2.3	-1.6	2	J
	469	13.7	62	J	4.1	-20	49	1.8	1.3	-1.9	3	J
	467	15.1	52	J	2.8	-14	79	0.3	1.1	-1.1	3	J
	461	11.8	72	J	3.8	-6	7	3.3	0.2	-0.5	2	J
	451	11.9	70	J	4.5	-15	8	2.5	-0.0	-0.8	4	J
	439	8.3	79	J	4.5	10	159	-3.8	1.6	-0.1	2	J
	428	10.0	73	J	5.2	26	169	-4.3	1.7	1.5	2	J
	413	7.1	37	J	4.6	14	170	-4.2	1.1	0.7	1	J
	424	14.1	33	J	4.6	46	181	-2.8	1.1	2.8	2	J
	422	11.8	33	J	4.9	36	153	-3.0	2.3	1.8	3	J
	439	12.2	28	J	4.9	-12	37	3.6	2.4	-1.6	1	J
	440	14.3	28	J	4.5	-18	31	3.4	1.8	-1.7	2	J
	439	14.2	27	J	4.6	-19	42	3.2	2.6	-1.9	1	J
	447	12.6	22	J	4.8	-23	18	4.2	1.1	-2.0	1	J
	442	11.7	22	J	4.9	-32	4	4.1	-0.0	-2.6	1	J
	435	11.0	23	J	5.1	-37	356	4.1	-0.7	-3.0	0	J

OCT. 30, 1986 — 303

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5	429	15.0	56	J	3.3	17	54	1.1	1.6	0.0	3	J
6	434	12.3	59	J	4.2	-32	90	0.0	1.8	-2.6	3	J
7	422	12.0	34	J	5.0	28	57	2.0	3.7	0.4	3	J
8	417	15.1	26	J	5.1	36	76	0.9	4.6	0.7	2	J
9	411	14.4	23	J	5.4	45	83	0.5	5.1	1.4	1	J
10	415	14.4	25	J	5.9	47	82	0.5	5.4	1.6	1	J
11	416	13.4	31	J	6.6	27	73	1.6	6.0	-0.3	2	J
12	419	16.2	29	J	6.1	24	71	1.5	4.8	-0.4	4	J
13	416	12.0	27	J	7.5	26	91	-0.1	7.5	-0.4	1	J
14	413	13.7	26	J	8.1	28	85	0.6	8.0	0.2	1	J
15	408	9.4	22	J	8.9	27	84	0.8	8.8	0.4	1	J
16	407	7.0	20	J	9.7	17	91	-0.2	9.6	-0.8	1	J
17	404	10.8	19	J	9.9	-6	77	2.1	8.4	-3.9	3	J
18	404	12.5	18	J	9.1	-26	64	3.6	6.0	-5.8	1	J
19	393	12.4	20	J	8.2	-39	61	3.1	4.3	-6.3	1	J
20	384	12.5	29	J	7.2	-34	69	2.1	4.7	-4.9	1	J
21	381	10.7	28	J	6.9	-33	65	2.3	4.4	-4.3	2	J
22	379	11.2	26	J	6.5	-25	80	1.0	5.1	-3.3	2	J
23	381	11.0	28	J	5.9	-55	74	0.9	2.5	-4.9	2	J
24	376	11.7	24	J	5.1	-23	95	-0.4	4.3	-2.5	1	J

OCT. 31, 1986 — 304

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
374	10.2	25	J	5.4	1	104	-1.2	4.6	-0.6	2	J
373	10.7	23	J	5.5	-12	97	-0.6	4.9	-2.1	1	J
356	9.6	22	J	3.6	-18	114	-1.3	2.2	-2.2	2	J
351	9.3	21	J	3.8	-22	110	-1.0	1.8	-2.2	2	J
350	9.4	21	J	3.6	-12	120	-1.8	2.3	-2.2	1	J
345	8.0	25	J	3.9	-40	130	-1.8	0.6	-3.1	1	J
346	8.3	30	J	4.1	-23	136	-2.4	1.3	-2.4	2	J
341	8.7	28	J	3.9	-35	151	-2.4	0.2	-2.3	2	J
338	9.0	19	J	3.7	-38	193	-2.8	-1.7	-1.7	1	J
336	9.6	17	J	3.7	-16	194	-3.3	-1.2	-0.5	1	J
335	9.3	16	J	3.1	0	168	-2.8	0.5	-0.2	1	J
336	10.5	16	J	3.7	-12	165	-3.3	0.6	-1.0	1	J
336	9.9	15	J	3.9	-8	161	-3.7	1.0	-0.9	1	J
334	10.2	15	J	4.2	-3	151	-3.7	1.9	-0.8	1	J
333	10.9	14	J	4.1	3	145	-3.4	2.3	-0.3	0	J
336	11.2	15	J	4.2	-4	129	-2.6	3.1	-0.9	1	J
337	12.4	15	J	4.6	-26	147	-3.3	1.9	-2.2	1	J
344	15.3	49	J	5.3	-48	147	-2.9	1.4	-4.1	1	J
352	12.7	27	J	6.0	-41	117	-1.9	3.2	-4.0	3	J

NOV. 1, 1986 — 305

1	353	9.3	22	J	7.2	-39	112	-2.0	4.3	-5.0	2	J
2	350	11.5	23	J	7.0	-30	110	-2.0	4.7	-4.2	2	J
3	352	14.5	24	J	6.7	-21	96	-0.6	5.4	-3.6	1	J
4												
5												
6												
7												
8												
9	357	18.1	32	J	8.8	47	44	4.1	6.4	3.4	3	J
10	353	14.9	41	J	9.2	6	44	6.5	5.9	-2.3	1	J
11	343	15.1	31	J	9.4	24	27	7.7	5.3	1.3	1	J
12	347	17.6	35	J								
13	351	19.2	37	J								
14	353	18.8	37	J								
15	348	20.7	38	J	9.1	45	329	5.3	-0.4	7.0	2	J
16	353	22.9	41	J	8.3	56	290	1.5	-1.5	7.6	2	J
17	338	23.0	36	J	7.4	53	301	2.2	-1.7	6.6	3	J
18	335	25.0	38	J	5.3	56	320	2.1	-0.6	4.5	2	J
19	335	22.3	25	J	7.4	59	339	3.4	0.0	6.2	3	J
20	342	22.4	35	J	9.4	63	287	1.2	-2.5	9.0	1	J
21	347	20.2	38	J	11.4	55	268	-0.2	-5.1	10.1	1	J
22	357	19.8	38	J	11.5	54	267	-0.4	-5.5	10.0	2	J
23	347	23.6	39	J	9.1	45	263	-0.8	-5.5	7.0	2	J
24	349	24.9	27	J	10.5	43	268	-0.3	-6.7	8.0	2	J

NOV. 2, 1986 — 306

357	24.4	31	J	11.3	41	257	-1.9	-7.0	8.3	3	J	
376	11.8	71	J	9.6	84	174	-0.9	4.4	7.3	4	J	
376	15.4	76	J	8.3	53	276	0.4	-0.9	6.6	5	J	
373	13.4	57	J	6.9	15	293	2.3	-4.0	4.0	3	J	
373	12.8	55	J	6.5	-2	302	3.2	-4.7	2.1	2	J	
379	15.9	76	J	3.8	8	340	3.4	-0.9	1.0	1	J	
393	16.4	40	J	2.4	2	296	0.9	-1.7	0.7	1	J	
393	14.5	35	J	3.0	-26	291	0.8	-2.4	-0.4	2	J	
390	15.4	38	J	5.6	60	202	-2.5	0.0	4.9	1	J	
386	16.2	47	J	5.2	62	242	-1.1	-1.3	4.8	1	J	
385	18.5	41	J	5.0	38	90	0.0	2.2	1.2	4	J	
393	14.0	50	J	4.7	43	177	-2.8	0.5	2.6	3	J	
387	17.6	52	J	4.7	35	153	-3.2	1.9	2.3	2	J	
396	21.0	58	J	4.0	13	126	-1.1	1.6	0.3	4	J	

NOV. 3, 1986 — 307

1	403	17.2	54	J	6.2	33	298	1.7	-2.9	2.8	4	J
2	405	17.4	38	J	4.3	-24	346	3.6	-1.2	-1.5	1	J
3	465	10.6	78	J	4.8	6	137	-2.3	2.1	-0.1	4	J
4	462	15.9	107	J	4.9	-11	112	-1.7	3.7	-1.9	3	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	422	9.3	76	J								
15	428	7.6	61	J	4.2	27	359	3.5	0.6	1.6	1	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

NOV. 9, 1986 — 313

403	5.5	54	J	6.5	-11	336	5.0	-2.5	0.0	3	J	
396	5.2	50	J	6.7	-19	337	5.4	-3.0	-0.7	2	J	
399	5.3	39	J	7.1	-26	334	5.0	-3.4	-1.2	3	J	
389	4.6	42	J	6.4	-13	339	5.5	-2.5	-0.2	2	J	
381	4.8	37	J	6.1	-6	355	5.7	-0.7	-0.3	1	J	
381	4.7	35	J	6.0	-4	353	5.4	-0.8	-0.0	2	J	
409	3.9	30	J	6.4	-2	314	4.2	-4.1	1.6	2	J	
409	4.0	37	J	5.9	-1	318	4.1	-3.5	1.3	2	J	

NOV. 10, 1986 — 314

1	438	5.7	55	J	6.0	39	286	1.3	-4.0	4.1	1	J
2	412	5.4	62	J	6.0	9	320	3.9	-3.1	1.2	3	J
3	401	5.5	80	J	5.5	-9	335	4.4	-2.1	-0.4	2	J
4	400	5.5	72	J	5.8	16	331	4.1	-1.9	1.8	3	J
5	415	5.2	42	J	6.0	41	307	2.6	-2.2	4.6	2	J
6	414	5.4	42	J	6.4	45	305	2.5	-1.8	5.3	2	J
7	393	5.5	61	J	6.3	29	329	4.4	-1.3	3.7	2	J
8	387	5.8	61	J	6.8	20	332	5.3	-1.6	3.2	2	J
9	384	5.6	32	J	7.0	-6	320	5.0	-4.0	1.3	2	J
10	385	5.7	36	J	6.9	-16	312	3.7	-4.4	0.5	3	J
11	379	6.0	30	J	6.7	12	308	3.8	-3.7	3.4	1	J
12	379	6.1	29	J	6.7	6	307	3.7	-4.1	2.8	1	J
13	378	6.3	26	J	6.6	16	308	3.7	-3.5	3.6	1	J
14	384	9.1	27	J	6.5	25	296	2.4	-3.4	4.3	1	J
15	369	11.6	18	J	6.2	25	313	3.4	-2.5	3.5	2	J
16	365	13.8	20	J	6.0	28	327	3.9	-1.6	3.2	2	J
17	370	16.2	23	J	5.5	36	327	3.1	-1.2	3.1	2	J
18	370	21.9	19	J	4.4	-15	294	1.5	-3.5	-0.2	1	J
19	371	24.7	18	J	3.9	-14	278	0.4	-3.1	-0.2	1	J
20	372	35.1	19	J	3.6	10	256	-0.6	-2.3	0.7	2	J
21	376	34.8	28	J	5.6	-23	301	2.2	-3.9	-1.5	2	J
22	371	18.7	28	J	8.9	-7	313	5.6	-6.0	-0.5	3	J
23	369	12.9	21	J	9.9	-5	309	6.0	-7.5	-0.3	1	J
24												

NOV. 11, 1986 — 315

429	24.4	35	J	13.6	-52	31	7.0	1.7	-11.1	1	J	
422	27.1	42	J	12.5	-55	12	6.7	-1.4	-9.8	2	J	
424	31.0	55	J	9.7	-55	348	5.0	-3.5	-6.6	3	J	
429	24.3	91	J	8.0	-44	320	4.1	-5.1	-3.4	3	J	
428	17.0	99	J	7.9	-36	316	2.0	-2.6	-1.0	7	J	
414	13.0	57	J	10.5	37	287	2.4	-4.1	8.9	2	J	
393	13.2	75	J	9.1	-10	324	6.5	-4.9	0.9	3	J	
390	13.0	56	J	8.8	23	290	2.3	-4.3	5.5	4	J	
388	10.6	54	J	8.4	32	278	0.8	-3.5	5.9	4	J	
421	9.9	75	J	7.7	29	268	-0.2	-3.3	4.7	5	J	
434	7.0	69	J	9.2	0	326	7.2	-4.5	2.0	2	J	
423	7.8	75	J	7.7	-11	337	6.4	-3.0	-0.3	2	J	
426	10.1	102	J	7.6	-10	332	6.2	-3.5	-0.1	2	J	
434	9.4	119	J	8.4	-15	329	6.3	-4.2	-0.9	3	J	
433	8.0	136	J	6.8	-7	347	6.1	-1.5	-0.4	2	J	
431	7.1	162	J	5.4	-1	352	4.8	-0.7	0.0	1	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					NOV. 12, 1986							316
1												
2												
3												
4												
5												
6	504	5.7	101	J	4.9	6	335	3.3	-1.3	0.9	3	J
7	500	5.6	120	J	4.1	67	254	-0.3	0.0	2.6	2	J
8	512	5.3	115	J	4.7	32	327	2.3	-0.7	2.2	3	J
9	504	4.7	96	J	4.7	6	308	2.6	-2.7	1.9	1	J
10	502	4.5	76	J	5.0	-2	323	3.4	-2.4	1.1	1	J
11	498	4.0	95	J	6.4	11	328	5.0	-2.2	2.5	2	J
12	491	4.3	100	J	6.6	5	316	4.5	-3.6	2.5	2	J
13	468	5.0	116	J	5.9	30	351	4.4	0.5	2.6	2	J
14	475	4.5	175	J	6.8	-6	315	4.4	-4.3	1.2	2	J
15	473	4.6	162	J	6.6	-10	318	4.5	-4.1	0.4	1	J
16	469	4.8	94	J	6.4	4	317	4.4	-3.7	1.7	1	J
17	467	4.0	58	J	7.0	13	306	3.8	-4.7	2.8	1	J
18	435	6.3	99	J	5.4	2	308	3.0	-3.7	1.0	1	J
19	435	6.9	88	J	5.1	28	296	1.7	-3.1	2.6	2	J
20	435	6.8	67	J	5.3	32	281	0.7	-3.5	2.9	2	J
21					5.1	12	291	1.5	-3.8	1.2	3	J
22	420	7.8	60	J	5.0	22	290	1.3	-3.5	1.8	2	J
23	412	7.6	38	J	4.7	5	315	2.7	-2.7	0.5	2	J
24	407	7.1	58	J	4.7	-9	353	3.9	-0.5	-0.6	1	J
					NOV. 13, 1986							317
	398	6.4	56	J	4.3	9	347	3.3	-0.7	0.6	2	J
	405	8.2	35	J	4.8	4	302	1.9	-2.9	0.6	3	J
	413	8.0	30	J	5.1	17	296	1.8	-3.5	1.9	2	J
	399	15.3	30	J	5.3	22	258	-0.9	-3.1	3.3	2	J
	391	17.1	33	J	6.0	14	286	1.4	-3.9	3.4	2	J
	394	21.8	30	J	6.0	5	272	0.2	-4.7	2.9	1	J
	379	22.8	25	J	6.2	7	289	1.8	-4.4	3.1	1	J
	379	25.4	23	J	5.8	-3	284	1.2	-4.3	1.9	3	J
	396	15.3	40	J	6.7	-21	325	4.4	-3.6	-0.6	3	J
	389	16.9	45	J	5.5	-38	27	3.4	0.4	-3.4	2	J
	387	15.5	52	J	4.9	-43	342	2.8	-1.8	-2.2	2	J
	388	17.9	48	J	3.5	-45	321	1.8	-2.0	-1.7	2	J
	378	21.7	40	J	3.3	-51	274	0.0	-0.9	-0.6	3	J
	382	20.9	39	J	3.6	-37	166	-2.6	0.2	-2.1	1	J
	366	16.9	52	J	4.9	-2	186	-4.6	-0.5	-0.1	2	J
	367	17.6	43	J	4.2	9	190	-4.0	-0.6	0.7	1	J
	362	16.3	47	J	3.3	-17	177	-2.7	0.1	-0.8	2	J
	368	15.2	28	J	3.9	3	289	1.0	-3.0	0.4	2	J
	376	14.6	37	J	2.6	-70	97	-0.1	0.5	-1.7	2	J
	366	13.6	27	J	2.9	-10	156	-2.4	1.1	-0.5	1	J
					NOV. 14, 1986							318
1	359	12.7	24	J	3.3	-55	215	-1.3	-1.1	-2.2	2	J
2	346	14.6	29	J	4.2	1	203	-3.6	-1.5	0.2	2	J
3	346	14.8	36	J	4.4	20	201	-3.8	-1.2	1.7	1	J
4	355	12.4	22	J	5.2	29	208	-3.8	-1.5	2.7	2	J
5					4.3	20	252	-1.2	-3.1	2.3	2	J
6												
7												
8												
9												
10	387	21.9	27	J	5.1	-37	326	3.1	-3.1	-1.6	2	J
11	401	14.8	57	J	5.2	-13	283	0.9	-4.1	1.0	3	J
12	394	15.1	61	J	5.6	22	293	1.7	-2.8	3.4	3	J
13	391	13.7	49	J	5.1	-12	281	0.9	-4.4	1.0	2	J
14	386	14.8	51	J	4.1	14	305	2.1	-2.4	2.0	2	J
15	387	16.4	28	J	2.6	-9	323	2.0	-1.5	0.2	1	J
16	380	17.2	27	J	3.3	9	329	2.7	-1.4	1.0	1	J
17	377	22.1	21	J	1.7	49	8	0.8	0.4	0.9	1	J
18	376	23.0	20	J	1.9	-14	273	0.1	-1.7	-0.1	1	J
19	374	21.3	19	J	1.8	8	306	0.3	-0.4	0.1	2	J
20	373	19.4	20	J	2.9	27	281	0.5	-2.2	1.5	1	J
21	371	19.5	19	J	3.6	-45	317	1.8	-1.8	-2.3	1	J
22	373	17.8	19	J	4.0	-55	40	1.5	1.1	-2.9	2	J
23	370	16.6	19	J	2.9	29	357	1.2	-0.0	0.7	3	J
24	374	15.4	22	J	2.7	-24	272	0.1	-1.5	-0.6	2	J
					NOV. 15, 1986							319
	379	16.2	28	J	2.4	-25	114	-0.8	1.8	-1.1	1	J
	383	19.0	44	J	3.7	50	146	-1.2	1.0	1.6	3	J
	376	20.9	28	J	2.6	-13	325	1.6	-1.2	-0.3	2	J
	377	19.9	24	J	3.7	41	237	-1.0	-1.2	1.9	3	J
	375	16.1	33	J	5.0	5	323	3.7	-2.6	1.1	2	J
	415	15.8	63	J	12.0	52	259	-1.4	-2.3	11.5	2	J
	407	16.6	64	J	11.1	47	270	-0.0	-3.5	10.4	1	J
	426	14.5	94	J	12.3	-17	340	8.4	-3.9	-1.3	8	J
	432	10.9	112	J	13.2	-26	339	10.8	-5.8	-3.9	3	J
	439	9.4	81	J	13.2	-33	342	10.4	-5.4	-5.8	2	J
	449	11.0	168	J	10.6	-13	334	8.9	-4.8	-1.2	3	J
	446	11.1	205	J	9.7	-1	328	7.5	-4.7	0.8	4	J
	436	10.7	154	J	10.3	10	305	4.6	-6.3	2.4	7	J
	460	12.9	152	J	9.5	5	277	0.3	-2.3	0.5	9	J
	487	9.8	187	J	9.8	-8	318	6.8	-6.2	-0.8	4	J
	512	8.9	200	J	9.3	14	298	4.0	-7.3	2.5	3	J
	511	8.0	106	J	9.8	-1	331	8.0	-4.4	0.0	4	J
	538	9.0	209	J	8.7	6	313	5.0	-5.3	1.0	5	J
					NOV. 16, 1986							320
1												
2	541	6.6	158	J	6.9	7	284	1.5	-5.9	1.3	3	J
3	539	6.2	99	J	8.1	-12	359	7.9	-0.4	-1.6	1	J
4	523	6.1	123	J	7.6	-9	356	7.1	-0.7	-1.0	2	J
5	512	6.0	91	J								
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					NOV. 21, 1986							325
	373	16.4	36	J	4.4	-4	299	1.5	-2.7	0.9	3	J
	375	16.4	27	J	3.5	14	299	1.0	-1.6	1.2	3	J
	340	14.8	25	J	4.7	49	270	-0.0	-3.0	3.5	1	J
					NOV. 22, 1986							326
1					6.1	24	249	-1.9	-4.9	2.5	2	J
2					5.5	54	237	-1.7	-2.3	4.4	2	J
3												
4					7.1	49	212	-3.5	-1.4	5.0	4	J
5	365	12.9	22	J	7.0	37	194	-5.3	-0.4	4.3	1	J
6	367	15.1	26	J	6.4	39	230	-3.1	-2.5	4.8	2	J
7	355	12.3	45	J	6.1	15	263	-0.6	-4.5	3.1	2	J
8	357	10.8	43	J	6.3	28	255	-1.4	-3.8	4.6	1	J
9	363	11.2	44	J	6.1	26	267	-0.3	-3.8	4.4	2	J
10	369	9.4	32	J	6.9	36	238	-2.9	-2.6	5.6	1	J
11	364	10.3	45	J	5.9	41	236	-2.2	-1.5	4.4	3	J
12	369	10.4	42	J	6.4	39	231	-2.9	-1.8	4.8	3	J
13	374	9.6	33	J	6.8	45	223	-3.5	-1.2	5.6	1	J
14	373	8.2	28	J	6.9	42	221	-3.8	-1.5	5.4	1	J
15	378	8.3	32	J	6.5	41	218	-3.8	-1.6	4.9	1	J
16												
17												
18												
19												
20												
21												
22												
23												
24												
					NOV. 23, 1986							327
	399	9.0	39	J	4.9	29	201	-3.0	-1.1	1.9	3	J
	396	9.0	37	J	4.7	52	205	-2.5	-0.8	3.6	2	J
	375	6.8	36	J	6.3	15	320	4.4	-3.4	2.1	2	J
	363	11.3	42	J	6.1	12	333	5.2	-2.3	1.8	1	J
	364	10.2	32	J	6.7	10	326	5.1	-3.0	2.0	2	J
	366	10.5	24	J	6.4	21	325	4.7	-2.4	3.2	2	J
	364	10.8	29	J	6.4	9	327	4.9	-2.6	2.0	2	J
	364	9.2	27	J	6.9	12	325	5.4	-2.9	2.7	2	J
	366	9.7	26	J	7.3	4	330	6.1	-3.0	1.9	2	J
	357	11.1	42	J	6.6	13	333	5.6	-2.0	2.5	1	J
	354	13.4	51	J	7.1	-1	330	5.9	-3.2	1.2	2	J
	357	14.8	42	J	7.0	-14	310	4.2	-5.2	0.4	2	J
	364	17.2	36	J	8.0	-10	306	4.5	-6.3	0.8	2	J
	364	17.1	43	J	10.4	-9	252	-2.8	-8.8	1.2	5	J
	370	18.5	31	J	10.8	2	274	0.7	-10.0	3.0	3	J
	370	19.8	28	J	11.4	-10	293	4.3	-10.2	0.1	2	J
	370	22.7	25	J	11.2	-22	290	3.6	-10.3	-2.7	0	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4	510	16.4	141	J	19.1	-2	71	5.8	16.6	-3.1	7	J
5	519	20.2	114	J	16.3	15	27	13.0	7.3	2.5	6	J
6	509	25.7	144	J	13.0	32	327	7.6	-3.3	6.8	8	J
7	470	8.4	41	J	17.8	33	291	5.3	-10.1	13.4	3	J
8	470	7.0	37	J	17.5	35	298	6.7	-8.2	13.8	2	J
9	469	6.1	41	J	16.8	31	298	6.7	-8.3	12.7	2	J
10	472	14.4	76	J	15.1	62	284	1.2	-0.7	10.5	11	J
11	464	25.3	125	J	9.3	19	37	1.4	1.2	0.1	9	J
12	458	8.9	43	J	16.2	67	291	2.1	0.3	14.7	6	J
13	469	9.1	45	J	17.1	43	252	-3.8	-6.7	15.0	2	J
14	471	10.3	42	J	17.8	21	252	-5.0	-12.4	11.0	4	J
15	474	8.6	43	J	18.7	-19	274	1.1	-16.7	-0.6	8	J
16	467	8.3	46	J	18.4	-41	290	4.7	-15.6	-8.5	1	J
17	453	11.5	36	J	17.4	-44	290	4.3	-13.8	-9.5	1	J
18	453	12.2	39	J	16.6	-50	294	4.3	-11.4	-11.1	2	J
19	452	15.7	48	J	15.7	-50	293	3.9	-10.2	-11.0	3	J
20	450	16.4	76	J	14.3	-28	315	8.6	-8.9	-6.0	4	J
21	454	15.8	52	J	13.9	-43	352	9.6	-1.5	-9.0	4	J
22	448	18.4	42	J	12.9	-57	342	6.4	-2.0	-10.3	4	J
23	457	11.9	30	J	12.4	-52	327	6.1	-3.8	-9.4	3	J
24	456	10.2	28	J	11.9	-47	6	7.5	0.9	-8.1	4	J

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
459	10.8	33	J	11.7	-22	34	8.8	5.9	-4.3	2	J
422	10.2	33	J	9.6	-33	27	7.2	2.2	-6.0	0	J
420	7.6	36	J	9.5	-32	27	7.2	1.9	-5.9	0	J
413	6.5	57	J								
409	7.9	74	J	6.0	-42	90	0.0	2.3	-4.7	3	J
423	8.5	145	J	5.7	-4	143	-3.8	2.5	-1.4	3	J
422	9.7	92	J	7.9	-15	109	-2.0	4.6	-3.8	5	J
453	14.7	38	J	9.9	-50	30	5.5	0.0	-8.1	2	J
453	30.1	49	J	8.4	-45	43	4.2	1.6	-6.8	2	J
459	20.3	36	J	10.8	-49	27	6.1	0.4	-8.5	2	J
469	16.4	38	J	11.5	-42	14	8.3	-0.2	-8.0	1	J
458	17.0	51	J	11.5	-45	69	2.8	5.1	-9.2	4	J
462	15.2	65	J	10.8	-50	56	3.8	4.0	-9.0	3	J
447	12.9	128	J	9.6	-46	70	2.2	5.1	-7.4	3	J
458	10.4	104	J	9.3	-46	31	5.1	2.5	-6.4	3	J
434	7.1	150	J	8.8	-28	62	3.5	6.4	-4.3	2	J
431	7.4	144	J	7.4	-20	81	1.0	6.0	-2.3	4	J
442	6.7	140	J	7.1	-18	56	3.7	5.5	-2.1	2	J
439	5.7	109	J	7.3	-18	59	3.5	5.9	-2.1	2	J
411	3.0	52	J	7.6	-16	64	3.1	6.4	-1.9	2	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	421	3.6	55	J	8.3	-8	73	2.4	7.9	-1.1	1	J
2	416	3.2	55	J	8.1	-10	73	2.3	7.6	-1.6	1	J
3	413	4.7	56	J	7.5	-8	65	3.1	6.5	-1.5	2	J
4	415	6.1	56	J	7.5	-11	70	2.5	6.5	-2.3	1	J
5												
6												
7												
8	391	9.9	39	J	6.9	1	74	1.9	6.2	-2.1	1	J
9	402	10.2	42	J	7.5	4	84	0.8	6.8	-2.2	2	J
10	415	9.1	49	J	7.6	-7	68	2.8	5.9	-3.5	2	J
11	415	7.9	37	J	8.3	3	71	2.6	7.2	-2.6	2	J
12	406	8.5	41	J	8.1	4	87	0.4	7.2	-2.4	3	J
13	390	12.3	83	J	5.8	15	112	-2.0	5.0	-0.4	2	J
14	382	11.1	64	J	4.7	-21	130	-2.4	2.2	-2.3	3	J
15	382	10.1	40	J	5.4	-16	84	0.5	4.3	-2.7	2	J
16	387	8.6	34	J	6.3	-32	111	-1.8	3.9	-4.2	2	J
17	391	8.7	57	J	5.3	-6	123	-2.5	3.7	-1.2	3	J
18	399	7.1	55	J	5.0	14	88	0.1	3.1	0.4	4	J
19	408	5.8	35	J	5.2	14	63	2.2	4.5	0.9	1	J
20	400	5.3	32	J	4.0	12	85	0.3	3.4	0.6	2	J
21	378	5.4	33	J	3.7	12	111	-1.2	3.1	0.7	2	J
22	375	6.0	29	J	3.9	43	127	-1.6	2.1	2.6	1	J
23	376	9.1	27	J	5.4	2	70	1.8	5.1	0.3	0	J
24	379	9.0	29	J	5.9	-9	75	1.3	4.9	-0.7	3	J

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
399	9.1	25	J	7.1	7	70	2.2	6.1	0.9	3	J
402	10.5	27	J	7.4	-19	72	2.1	6.4	-2.5	2	J
400	10.3	33	J	7.6	-4	76	1.7	6.6	-0.9	3	J
400	11.2	42	J	6.7	-35	100	-0.8	3.9	-3.6	4	J
399	11.2	45	J	6.0	-45	90	0.0	3.0	-4.4	3	J
445	6.7	82	J	4.9	5	54	2.6	3.5	-1.0	2	J
430	6.8	70	J	4.2	0	79	0.7	3.4	-1.4	2	J
429	6.8	69	J	4.0	6	84	0.4	3.5	-1.0	2	J
439	6.0	66	J	4.6	24	67	1.4	3.6	0.3	3	J
435	6.5	107	J	4.4	8	108	-1.0	3.2	-0.6	3	J
433	6.6	125	J	4.5	8	135	-3.1	3.1	-0.3	1	J
429	6.2	101	J	4.5	11	138	-2.9	2.7	0.1	2	J
430	5.6	73	J	4.3	19	122	-2.1	3.5	0.7	1	J
417	5.2	41	J	4.0	12	130	-2.3	2.8	0.4	1	J
416	5.4	39	J	3.7	45	150	-2.1	1.4	2.3	1	J
402	4.8	33	J	3.8	26	61	1.7	3.0	1.6	0	J
398	5.9	37	J	3.7	18	58	1.8	2.8	1.1	1	J
392	6.1	38	J	3.6	34	47	1.8	1.9	1.8	2	J
385	6.2	27	J	3.5	9	78	0.6	3.0	0.6	2	J
382	5.9	31	J	3.6	60	88	0.1	1.6	2.9	2	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	381	6.8	31	J	3.4	36	61	1.2	2.1	1.8	2	J
2	389	7.2	39	J	3.2	-11	48	1.8	2.0	-0.6	2	J
3	384	6.9	29	J	3.0	9	32	2.1	1.3	0.3	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12	343	10.5	26	J	5.0	21	112	-1.7	4.6	0.1	1	J
13	352	10.2	20	J	5.0	21	96	-0.5	4.7	0.1	2	J
14	340	11.3	21	J	5.1	19	95	-0.4	5.0	0.1	1	J
15	340	13.3	22	J	5.2	12	92	-0.2	5.2	-0.3	1	J
16	338	12.8	19	J	5.6	7	80	0.9	5.3	-0.5	1	J
17					5.8	11	85	0.3	3.7	0.1	4	J
18					5.5	-5	174	-5.2	0.5	-0.5	1	J
19					5.6	12	117	-2.4	4.8	0.8	1	J
20					5.3	2	123	-2.8	4.3	0.1	1	J
21					4.6	-15	152	-3.7	2.0	-1.1	2	J
22												
23					4.0	-32	148	-2.5	1.7	-1.8	2	J
24					6.1	-9	61	2.6	4.8	-0.7	3	J

NOV. 29, 1986 — 333

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
6.1	-4	73	1.4	4.7	-0.2	3	J				

DEC. 4, 1986 — 338

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	354	24.2	22	J	4.7	-55	144	-2.1	0.3	-4.0	2	J
14	364	29.8	15	J	4.0	-75	60	0.5	-0.2	-3.5	2	J
15												
16												
17												
18	357	16.4	35	J	8.6	-9	291	2.9	-7.6	-0.7	2	J
19	353	13.8	50	J	7.7	-24	319	4.2	-3.7	-2.4	5	J
20	366	13.1	58	J	8.7	-27	315	5.2	-5.1	-3.8	2	J
21												
22												
23												
24												

DEC. 5, 1986 — 339

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
362	7.8	47	J	5.1	33	304	2.1	-2.4	3.1	3	J
361	8.8	67	J	4.8	18	321	3.3	-2.2	2.1	1	J
362	9.3	61	J	4.5	26	331	3.5	-1.2	2.5	1	J
365	8.6	50	J	4.5	32	314	2.5	-1.7	3.0	1	J
366	8.8	45	J	4.9	2	301	2.3	-3.6	1.4	2	J
363	7.7	46	J	5.2	22	312	2.9	-2.5	2.7	2	J
359	7.4	54	J	4.9	-7	327	3.7	-2.4	0.2	2	J
363	8.6	48	J	4.8	27	306	2.5	-2.7	3.0	1	J
360	9.1	53	J	5.1	38	328	3.3	-1.3	3.4	1	J
340	11.6	29	J	5.0	11	318	3.3	-2.9	1.1	2	J
343	11.7	30	J	5.0	19	306	2.6	-3.6	1.6	2	J
343	12.9	29	J	5.3	27	273	0.2	-4.7	2.3	1	J
341	15.1	27	J	5.8	3	286	1.5	-5.2	-0.0	2	J
334	16.2	28	J	5.8	7	309	3.4	-4.3	0.3	1	J

DEC. 6, 1986 — 340

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2	331	25.5	16	J	7.4	29	111	-2.3	5.9	3.8	1	J
3	337	21.5	33	J	6.9	-42	107	-1.0	3.3	-3.2	5	J
4	338	20.9	37	J	5.7	-7	106	-1.3	4.6	-0.9	3	J
5	332	20.1	37	J	6.1	17	120	-2.4	4.4	1.0	3	J
6	330	18.2	35	J	6.8	53	185	-3.9	0.6	5.2	2	J
7	326	16.6	37	J	6.8	37	224	-3.7	-2.6	4.6	2	J
8	320	15.8	36	J	5.9	26	245	-2.2	-3.8	3.7	1	J
9	313	14.9	29	J	5.6	11	262	-0.7	-4.4	2.5	2	J
10	318	19.2	19	J	4.4	-43	315	2.1	-2.9	-2.0	2	J
11	309	22.0	18	J	3.2	-13	249	-1.1	-2.9	0.3	1	J
12	306	23.2	14	J	3.3	-19	239	-1.5	-2.6	-0.2	1	J
13	310	23.6	16	J	3.9	-15	267	-0.2	-3.0	0.1	2	J
14	315	20.5	13	J	5.2	28	307	2.8	-2.9	3.3	1	J
15	310	19.4	16	J	4.9	13	310	2.9	-3.1	1.8	1	J
16	301	17.4	13	J	4.8	5	295	1.9	-3.9	1.1	2	J
17	303	19.7	16	J	4.8	5	306	2.5	-3.4	0.8	2	J
18												
19												
20												
21												
22												
23												
24												

DEC. 7, 1986 — 341

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	324	26.5	32	J	5.3	-23	350	4.3	-1.0	-1.7	2	J
11	326	24.5	36	J	6.4	-20	28	5.0	2.3	-2.5	2	J
12	338	19.4	52	J	8.9	2	330	7.0	-3.9	1.2	4	J
13	358	26.9	65	J	8.2	2	303	3.7	-5.4	1.8	5	J
14	353	31.8	76	J	5.8	30	339	2.7	-0.5	1.9	5	J
15	346	21.9	69	J	8.9	-47	352	5.5	-2.6	-5.4	4	J
16	352	19.9	48	J	8.2	27	274	0.5	-5.3	5.4	3	J
17	354	16.1	51	J	7.9	-14	309	4.4	-5.7	0.0	3	J
18	351	13.6	44	J	7.7	-32	340	5.7	-3.1	-3.1	3	J
19	364	12.9	40	J	7.0	-27	340	5.7	-2.8	-2.5	2	J
20	360	11.3	41	J	6.8	-28	353	6.0	-1.4	-3.0	1	J
21	361	11.6	55	J	5.4	-25	5	4.7	0.1	-2.2	2	J
22	355	11.0	47	J	5.0	35	214	-2.7	-1.6	2.5	3	J
23	353	9.3	56	J	4.9	31	19	2.6	1.0	1.6	4	J
24	353	8.1	39	J	4.7	21	223	-1.6	-1.5	0.9	4	J

DEC. 8, 1986 — 342

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6	372	16.3	23	J	5.6	23	257	-1.2	-4.6	3.0	0	J
7	360	15.2	30	J	5.8	14	274	0.4	-5.0	2.5	1	J
8	343	17.7	24	J	5.7	1	298	2.5	-4.5	1.3	2	J
9	337	18.2	16	J	5.9	12	310	3.6	-3.8	2.4	1	J
10	341	17.5	17	J	5.7	5	304	2.8	-3.8	1.7	3	J
11	352	13.0	19	J	6.4	13	265	-0.5	-5.3	3.2	2	J
12	350	13.4	20	J	6.3	4	275	0.5	-5.7	2.3	1	J
13	344	11.9	21	J	6.6	9	282	1.3	-5.7	2.7	1	J
14	344	13.4	19	J	6.1	12	284	1.4	-5.1	2.6	2	J
15	332	13.4	14	J	6.4	-1	310	4.0	-4.7	0.9	1	J
16	331	12.8	14	J	6.5	-8	314	4.4	-4.6	-0.2	1	J
17	330	12.9	15	J	6.7	-10	312	4.2	-4.8	-0.6	2	J
18	336	16.5	14	J	7.0	-26	311	4.1	-4.8	-2.8	1	J
19	341	13.8	21	J	6.9	-18	301	3.0	-5.0	-1.9	3	J
20	341	13.2	20	J	7.1	-1	289	2.3	-6.6	-0.4	1	J
21	346	12.8	24	J	5.7	-79	223	-0.4	-0.1	-2.8	5	J
22	352	14.1	36	J	5.3	-39	128	-2.2	3.0	-2.5	3	J
23	347	15.1	36	J	4.9	5	114	-1.9	4.1	0.9	2	J
24	344	14.5	46	J	5.2	-16	143	-3.5	2.7	-0.9	3	J

DEC. 9, 1986 — 343

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	336	13.9	29	J	5.7	-7	154	-4.9	2.4	-0.4	2	J
2	337	13.6	30	J	4.8	5	163	-2.3	0.7	0.3	4	J
3	350	17.4	41	J	4.6	6	51	2.6	3.2	0.5	2	J
4	350	15.8	36	J	4.8	48	352	2.8	-0.3	3.2	2	J
5	356	14.5	42	J	5.0	42	308	2.2	-2.5	3.5	1	J
6												
7												
8												
9	331	13.3	14	J	5.9	4	327	4.9	-3.0	1.3	0	J
10	333	14.2	14	J	6.0	15	333	5.2	-2.0	2.3	1	J
11												
12	353	17.5	25	J	6.4	31	296	2.3	-3.6	4.5	2	J
13	369	24.6	17	J	7.6	23	305	4.0	-4.7	4.4	0	J
14	369	24.3	17	J	8.5	31	315	4.8	-3.7	5.1	3	J
15	366	24.3	17	J	9.0	2	313	6.1	-6.3	1.6	2	J
16	380	23.8	17	J	8.5	-19	319	6.0	-5.6	-1.9	2	J
17	378	13.0	36	J	10.4	23	309	6.0	-7.0	4.7	1	J
18	372	15.8	21	J	9.8	19	305	5.3	-7.4	3.5	1	J
19	371	15.8	20	J	9.5	4	309	5.8	-7.2	0.6	2	J
20	371	20.1	24	J	9.0	-12	321	6.6	-5.3	-2.1	2	J
21	374	18.0	20	J	8.7	-2	310	5.4	-6.4	-0.9	2	J
22	370	17.3	17	J	8.5	-13	311	5.4	-6.0	-2.6	1	J
23	366	19.3	15	J	8.3	-24	319	5.7	-4.5	-4.0	1	J
24	360	16.4	18	J	7.7	-17	322	5.7	-4.2	-2.8	1	J

DEC. 10, 1986 — 344

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	353	16.7	25	J	7.2	-44	325	4.1	-2.4	-5.1	2	J
2	352	16.1	28	J	6.9	-59	326	2.9	-1.5	-6.0	2	J
3	367	16.9	23	J	6.8	-68	317	1.8	-1.5	-6.3	1	J
4	387	16.7	32	J	5.1	-20	326	3.5	-2.4	-1.5	2	J
5	392	14.9	39	J	5.0	3	326	4.1	-2.7	0.5	1	J
6												
7												
8												
9												
10	419	12.7	72	J	3.9	67	46	0.7	1.4	2.1	3	J
11	419	16.2	60	J	2.1	-8	142	-0.4	0.3	-0.2	2	J
12	413	12.1	43	J	5.1	-11	142	-3.9	2.7	-1.8	1	J
13	410	11.6	49	J	5.4	-11	147	-4.3	2.4	-1.7	2	J
14	412	10.7	37	J	6.6	34	114	-2.0	5.1	2.2	3	J
15	419	12.4	61	J	5.7	44	108	-1.0	3.7	2.5	3	J
16	427	12.4	75	J	5.9	58	95	-0.2	3.5	4.1	2	J
17	418	17.1	46	J	6.1	-15	123	-3.1	4.6	-1.9	2	J
18	420	19.3	59	J	5.2	-32	111	-1.5	3.9	-2.8	1	J
19	418	18.9	58	J	5.1	-42	111	-1.1	2.8	-2.6	3	J
20	421	20.4	56	J	5.1	-35	273	0.1	-1.7	-1.4	5	J
21	428	19.5	59	J	1.7	-24	148	-0.9	0.6	-0.4	1	J
22	414	16.6	41	J	3.4	-17	314	1.3	-1.2	-0.7	3	J
23	402	12.8	54	J	4.9	2	315	3.0	-3.0	-0.3	2	J
24	399	12.9	65	J	5.1	8	330	4.2	-2.5	0.4	1	J

DEC. 11, 1986 — 345

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	397	12.0	55	J	4.9	-11	14	3.3	0.9	-0.6	3	J
2	402	12.2	33	J	5.1	-9	62	2.1	4.1	-0.4	2	J
3	391	11.4	54	J	5.3	13	345	4.0	-1.1	0.9	3	J
4	396	12.6	52	J	5.1	15	318	1.5	-1.3	0.6	5	J
5	401	13.0	56	J	4.8	-19	160	-4.2	1.4	-1.6	1	J
6												
7												
8												
9												
10												
11	381	12.8	77	J	4.9	-41	10	3.6	-0.3	-3.3	0	J
12	380	12.7	55	J	4.8	-31	11	4.0	0.1	-2.5	1	J
13	381	13.2	40	J	4.9	-16	16	4.2	0.9	-1.5	2	J
14	378	12.3	46	J	4.2	10	360	3.1	0.1	0.5	3	J
15	386	11.7	39	J	5.0	10	287	0.9	-2.8	0.9	4	J
16	372	15.5	42	J	5.0	12	344	4.2	-1.1	1.0	2	J
17	367	15.6	49	J	5.1	0	350	4.9	-0.9	0.0	1	J
18	367	15.2	44	J	4.6	5	353	4.3	-0.5	0.4	2	J
19	362	12.0	43	J	5.2	-8	335	4.5	-2.0	-0.8	2	J
20	362	10.9	43	J	5.2	4	328	4.2	-2.7	0.1	1	J
21	357	11.0	67	J	5.2	-14	347	4.8	-0.9	-1.4	1	J
22												
23												
24												

DEC. 17, 1986 — 351

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	377	16.7	32	J	4.0	20	204	-3.3	-1.1	1.6	1	J
10	372	16.6	33	J	3.8	7	211	-2.9	-1.6	0.8	2	J
11	360	15.6	46	J	3.8	15	329	2.1	-1.0	0.9	3	J
12	368	12.4	18	J	4.7	-17	333	3.2	-1.8	-0.7	3	J
13	375	23.8	51	J	4.9	-9	324	2.6	-2.0	-0.1	4	J
14	363	21.8	35	J	5.8	-17	312	3.4	-4.0	-0.8	2	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 18, 1986 — 352

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	367	9.1	23	J	4.1	25	236	-1.9	-3.1	1.1	2	J
2	371	9.6	24	J	4.2	32	218	-2.7	-2.4	1.8	1	J
3	366	8.0	29	J	4.1	8	303	1.3	-2.1	0.2	3	J
4												
5												
6												
7												
8												
9	360	12.4	36	J	2.3	41	223	-1.0	-0.8	1.3	1	J
10	351	11.8	30	J	2.7	50	23	0.5	0.3	0.7	3	J
11	338	12.8	19	J	3.5	4	5	3.0	0.3	0.2	2	J
12	356	15.8	25	J	4.0	59	302	0.9	-0.8	3.0	2	J
13	356	18.4	25	J	5.9	36	312	3.0	-2.4	3.9	2	J
14	353	16.4	28	J	6.7	41	331	4.3	-1.3	4.7	1	J
15	355	17.1	25	J	5.7	36	325	3.5	-1.7	3.6	2	J
16	350	14.0	27	J	6.1	26	323	4.3	-2.6	3.2	1	J
17	368	21.1	18	J	7.7	30	306	3.8	-4.5	4.5	2	J
18	371	22.1	20	J	9.8	16	303	4.9	-7.1	3.5	3	J
19	371	19.5	27	J	9.2	12	313	5.9	-6.1	2.3	3	J
20												
21												
22												
23												
24	420	14.2	113	J	5.0	40	159	-2.9	0.9	2.7	3	J
	418	13.4	108	J	5.4	68	319	0.8	-1.0	2.5	5	J
	421	9.5	125	J	7.1	-2	315	3.7	-3.7	-0.8	5	J
	425	8.2	144	J	7.5	8	291	2.5	-6.6	-0.2	2	J

DEC. 19, 1986 — 353

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3	447	6.8	116	J	6.5	-10	359	5.2	0.0	-0.9	4	J
4	467	5.6	110	J	6.4	-22	14	5.5	1.5	-2.2	2	J
5	466	4.7	79	J	6.7	-5	351	6.4	-1.0	-0.6	1	J
6	458	4.6	55	J	5.8	21	336	4.8	-2.0	2.2	1	J
7	466	5.9	78	J	5.8	33	309	2.9	-3.1	3.4	2	J
8	474	6.7	120	J	4.6	38	314	2.1	-1.7	2.7	3	J
9	459	6.1	59	J	6.3	21	324	4.7	-2.9	2.9	1	J
10	465	6.4	74	J	5.2	17	281	0.4	-1.9	1.2	5	J
11	440	6.8	89	J	5.3	17	318	2.0	-1.6	1.2	4	J
12	418	6.2	39	J	6.4	5	315	4.2	-3.9	1.4	2	J
13	405	5.8	51	J	6.7	5	332	5.7	-2.9	1.2	1	J
14	400	7.9	58	J	6.5	16	318	4.2	-3.5	2.2	3	J
15	401	8.9	55	J	6.1	20	300	2.3	-3.8	2.2	3	J
16	405	10.1	42	J	6.2	28	269	-0.1	-4.6	2.9	3	J
17	406	9.8	45	J	6.7	8	291	2.2	-5.8	1.0	2	J
18	396	9.7	56	J	7.2	6	310	4.3	-5.2	0.6	2	J
19	407	9.4	60	J	7.5	-5	310	4.0	-4.7	-0.9	4	J
20	405	9.9	69	J	7.3	-14	314	4.6	-4.5	-2.2	2	J
21	416	8.8	64	J	7.3	-18	323	4.9	-3.3	-2.6	3	J
22	412	8.7	52	J	7.5	-21	330	5.7	-2.8	-3.1	2	J
23	411	8.1	50	J	7.7	20	349	6.4	-1.7	2.1	4	J
24	409	7.7	56	J	6.9	9	331	5.7	-3.3	0.4	2	J

DEC. 20, 1986 — 354

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
454	8.2	76	J	5.3	39	223	-2.3	-2.2	2.6	3	J	
466	9.0	81	J	4.9	19	183	-4.2	-0.1	1.5	2	J	
427	6.4	67	J	6.0	41	305	2.2	-2.7	3.6	3	J	
431	8.4	57	J	6.1	38	284	1.1	-3.6	4.1	2	J	
421	9.3	56	J	5.6	42	292	1.4	-2.7	4.0	3	J	
412	15.4	53	J	3.3	32	293	0.9	-1.8	1.9	2	J	
415	14.3	46	J	4.9	21	243	-1.8	-3.1	2.3	2	J	
399	18.4	43	J	3.3	13	255	-0.8	-2.6	1.3	2	J	
389	16.1	49	J	4.4	-22	315	2.5	-2.7	-0.9	3	J	
386	10.2	65	J	5.4	-16	312	3.2	-3.7	-0.8	2	J	
393	10.7	57	J	5.6	-41	293	1.6	-4.1	-3.1	1	J	
410	9.4	55	J	5.6	-21	304	2.2	-3.3	-1.3	4	J	
412	14.4	44	J	3.8	38	296	0.6	-1.3	1.1	4	J	
411	16.9	29	J	2.1	35	101	-0.2	1.2	0.9	2	J	
409	15.8	28	J	2.0	32	88	0.1	1.5	1.1	1	J	
403	15.3	34	J	1.6	19	39	1.1	0.8	0.6	1	J	

DEC. 21, 1986 — 355

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7	381	11.3	36	J	5.0	7	299	2.2	-3.8	1.0	2	J
8	384	11.3	54	J	5.3	-9	318	3.6	-3.3	-0.2	2	J
9	393	9.8	75	J	6.5	-17	340	5.8	-2.4	-1.4	1	J
10	402	13.2	61	J	5.6	-16	332	3.8	-2.3	-0.8	4	J
11	416	17.4	59	J	5.8	65	270	-0.0	-1.0	4.6	4	J
12	401	21.2	51	J	6.9	40	324	3.8	-1.9	4.5	3	J
13	401	22.4	49	J	7.1	-34	316	4.1	-4.6	-3.0	2	J
14	405	20.4	51	J	6.5	-34	309	3.0	-4.2	-2.6	3	J
15	422	16.9	80	J	7.6	-17	283	0.6	-2.7	-0.5	7	J
16	424	19.7	70	J	6.6	49	140	-2.8	2.6	4.1	3	J
17	436	15.7	74	J	6.0	41	164	-3.3	1.0	3.0	4	J
18	434	13.3	68	J	5.1	9	195	-4.2	-1.2	0.6	2	J
19	451	12.8	46	J	4.8	-21	31	1.8	1.2	-0.7	4	J
20	440	15.1	47	J	4.8	-31	1	3.9	0.4	-2.3	2	J
21	431	18.2	53	J	4.7	-20	326	3.6	-2.1	-2.0	1	J
22	421	15.8	39	J	5.1	-28	340	4.1	-1.0	-2.6	2	J
23	445	9.4	52	J	6.3	-35	346	4.8	-0.4	-3.6	2	J
24												

DEC. 22, 1986 — 356

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
479	7.2	115	J	9.2	-6	156	-7.5	3.1	-1.5	3	J	
481	7.3	102	J	9.0	2	146	-7.0	4.7	-0.7	3	J	
538	5.8	185	J	7.5	28	144	-5.0	4.2	2.4	3	J	
545	5.5	199	J	5.3	25	149	-3.7	2.6	1.5	2	J	
566	4.4	121	J	5.1	-20	160	-3.8	1.1	-1.7	3	J	
563	4.5	102	J	6.5	-14	146	-5.0	3.1	-2.0	2	J	
549	4.6	150	J	7.3	-34	138	-4.4	3.5	-4.4	2	J	
538	5.3	152	J	7.6	-38	138	-4.2	3.6	-4.6	2	J	
520	7.2	133	J	7.3	-9	165	-6.9	1.8	-1.1	1	J	
519	5.6	78	J	6.7	-11	162	-6.2	2.1	-1.2	1	J	
517	5.5	87	J	7.5	-20	150	-6.0	3.7	-2.2	1	J	
511	4.0	82	J	7.6	-17	155	-6.5	3.3	-1.7	1	J	
497	4.2	100	J	7.1	-17	162	-6.4	2.4	-1.6	1	J	
482	4.7	140	J	7.0	-21	159	-6.0	2.8	-1.9	1	J	
494	4.9	111	J	6.9	-13	152	-5.8	3.3	-0.8	1	J	
486	5.7	84	J	6.3	-39	141	-3.7	3.8	-3.1	1	J	

DEC. 23, 1986 — 357

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	504	5.7	60	J	6.9	-34	123	-2.8	5.0	-2.5	3	J
2	504	4.7	75	J	7.2	-49	135	-2.8	3.6	-4.0	4	J
3												
4												
5												
6												
7												
8												
9												
10												
11	496	7.7	131	J	10.7	13	163	-9.5	3.3	1.7	3	J
12	523	8.5	174	J	8.9	2	151	-6.5	3.6	-0.4	5	J
13	572	6.8	207	J	7.2	-35	129	-3.5	3.5	-4.5	3	J
14												
15	575	5.9	166	J	6.4	12	157	-5.7	2.5	1.1	1	J
16	583	5.3	272	J	6.0	0	146	-4.8	3.2	-0.1	1	J
17	583	5.8	214	J	5.5	-7	145	-4.1	2.9	-0.6	2	J
18	577	6.1	176	J	5.8	16	155	-4.4	1.9	1.5	3	J
19	576	6.7	145	J	5.9	-6	148	-3.8	2.4	-0.2	4	J
20	565	6.9	100	J	5.6	-5	149	-4.1	2.5	-0.0	3	J
21	564	8.2	155	J	6.5	-11	130	-2.8	3.5	-0.2	5	J
22	554	8.5	145	J	7.0	-9	157	-5.7	2.6	-0.4	3	J
23	553	8.2	150	J	6.8	-19	155	-5.1	2.8	-1.4	3	J
24	531	8.4	184	J	7.1	-5	171	-6.4	1.1	-0.3	3	J

DEC. 24, 1986 — 358

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
518	7.9	131	J	7.7	-8	148	-6.2	4.0	-0.2	2	J	
528	7.7	132	J	8.4	-28	123	-3.7	6.3	-2.5	3	J	
518	8.0	141	J	8.2	-6	132	-4.8	5.4	0.0	4	J	
507	7.9	97	J	8.2	-5	149	-6.1	3.7	-0.3	4	J	
519	6.5	102	J	7.5	-4	131	-4.6	5.3	-0.3	3	J	

DEC. 30, 1986 — 364

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	331	12.9	27	J								
11	326	11.2	30	J								
12	334	12.2	24	J								
13	338	13.1	23	J	6.3	5	115	-2.4	5.2	-0.1	3	J
14	335	15.4	28	J	6.1	-9	114	-2.3	5.0	-1.3	2	J
15	335	14.7	27	J	6.3	-2	114	-2.4	5.4	-0.4	2	J
16												
17												
18	328	13.9	25	J	7.0	13	112	-2.4	5.9	2.2	2	J
19	323	14.0	41	J	6.6	12	175	-5.1	0.3	1.1	4	J
20	328	13.3	30	J	6.2	-58	185	-3.0	0.7	-4.7	3	J
21												
22												
23												
24												

DEC. 31, 1986 — 365

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
310	11.6	17	J	7.8	-3	101	-1.4	7.1	1.6	2	J	
308	9.8	19	J	7.8	5	100	-1.2	6.6	2.3	3	J	
306	10.6	22	J	7.3	-13	114	-2.7	6.3	-0.3	2	J	
304	10.5	23	J	7.3	8	114	-2.9	6.2	1.9	2	J	
313	11.2	26	J	6.9	20	100	-1.1	5.9	2.8	2	J	
316	11.6	22	J	6.9	1	94	-0.5	6.5	0.3	2	J	
325	12.0	31	J	6.4	-35	102	-0.7	3.4	-2.6	5	J	
327	13.6	43	J	7.2	-11	113	-2.4	5.5	-1.6	4	J	
335	16.0	53	J	7.3	79	99	-0.2	1.7	5.4	5	J	
345	17.0	34	J	8.8	12	80	1.4	8.3	0.6	3	J	
337	18.3	31	J	9.6	7	93	-0.5	9.1	-0.2	3	J	
334	17.6	42	J	8.9	2	101	-1.5	7.5	-0.7	4	J	
321	17.0	49	J	9.3	-9	123	-4.8	7.2	-2.2	3	J	
327	16.2	50	J	8.6	-27	122	-3.4	5.2	-3.7	5	J	
333	14.4	38	J	8.7	-28	133	-5.1	5.3	-4.1	2	J	
324	13.2	44	J	9.1	-24	149	-6.8	4.1	-3.5	3	J	
				9.2	-22	174	-8.5	1.1	-3.4	0	J	

JAN. 1, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3	352	25.7	52	J								
4	359	32.5	47	J								
5	368	19.6	47	J								
6	379	22.4	60	J								
7	379	24.2	64	J								
8	396	38.7	84	J								
9	398	39.3	62	J								
10	400	36.6	58	J								
11	402	23.3	67	J								
12	389	18.7	75	J								
13	418	13.8	130	J								
14	405	12.3	115	J								
15	412	10.8	105	J								
16	392	9.2	88	J								
17	403	9.0	91	J								
18	410	8.3	86	J								
19												
20												
21												
22												
23												
24												

1

JAN. 2, 1987

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
407	9.1	67	J								
406	9.2	67	J								
406	8.4	68	J								
412	9.7	49	J								
414	14.8	55	J								
409	17.0	53	J								
390	17.6	52	J								
410	26.0	30	J								
413	11.3	49	J								
422	11.7	79	J								
424	11.0	94	J								
428	11.0	119	J								
432	9.4	90	J								
414	8.1	47	J								
409	7.0	50	J								
417	9.8	70	J								
425	11.6	77	J								

2

JAN. 3, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7	413	8.6	43	J								
8	417	11.6	44	J								
9	416	9.0	33	J								
10	414	8.6	52	J								
11	404	8.1	56	J								
12	407	7.6	54	J								
13	416	8.9	56	J	3.7	22	162	-1.4	0.5	0.6	3	J
14	396	8.9	68	J	4.6	-1	149	-3.9	2.3	-0.2	1	J
15	414	9.5	57	J	3.9	-10	144	-1.9	1.4	-0.4	3	J
16	429	8.4	51	J	4.2	25	17	3.1	0.9	1.6	2	J
17	417	7.8	40	J	3.5	31	57	1.5	2.2	1.9	1	J
18	419	7.7	43	J	2.9	-1	70	0.8	2.1	0.3	2	J
19	410	7.4	35	J	3.8	39	116	-1.2	1.9	2.6	2	J
20	401	7.5	54	J	3.9	-15	155	-2.5	1.3	-0.5	3	J
21	396	7.5	63	J	3.8	-28	184	-3.1	0.2	-1.6	1	J
22	386	6.8	64	J	3.7	-9	165	-3.0	0.9	-0.2	2	J
23	380	7.4	45	J	4.3	-17	166	-3.9	1.3	-0.9	1	J
24	385	7.1	49	J	4.1	-8	147	-2.9	1.9	0.1	2	J

3

JAN. 4, 1987

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
388	7.6	28	J	3.3	-3	126	-1.7	2.3	0.6	2	J
372	12.9	21	J	2.7	14	176	-2.5	0.2	0.6	1	J
374	12.0	22	J	2.6	23	174	-2.3	0.3	0.9	0	J
370	11.4	19	J	2.5	23	180	-2.3	0.1	1.0	0	J
367	12.1	17	J	2.3	30	185	-2.0	-0.1	1.2	0	J
364	11.5	15	J	2.3	26	176	-2.0	0.2	1.0	0	J
353	12.4	19	J	1.7	35	182	-0.5	-0.0	0.3	2	J
346	14.5	22	J	2.2	3	348	2.1	-0.4	0.1	1	J
342	13.4	21	J	3.0	-4	295	1.0	-2.1	-0.4	2	J
341	13.5	23	J	3.0	-43	304	1.2	-1.4	-2.2	1	J
341	12.2	22	J	3.6	17	278	0.5	-3.4	0.3	1	J

4

JAN. 5, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	330	16.8	13	J	2.2	39	286	0.4	-1.4	1.4	1	J
14	328	16.8	13	J	2.1	25	292	0.6	-1.6	0.9	1	J
15	324	17.4	14	J	2.3	-7	287	0.6	-2.0	-0.3	1	J
16	327	21.4	14	J	3.2	4	272	0.1	-3.0	0.1	1	J
17	324	22.3	18	J	3.4	-7	297	1.5	-2.9	-0.7	1	J
18	321	22.9	20	J	3.6	-8	306	2.0	-2.6	-0.9	1	J
19	324	23.3	20	J	3.5	-8	287	1.0	-3.0	-1.1	1	J
20	316	22.2	20	J	3.3	-1	299	1.1	-1.9	-0.5	2	J
21	311	22.4	16	J	2.6	13	316	1.7	-1.7	0.1	1	J
22	314	22.1	16	J	2.3	30	312	1.2	-1.5	0.6	1	J
23	319	21.5	20	J	2.5	-7	282	0.4	-1.8	-0.9	2	J
24	319	15.7	19	J	4.5	39	236	-1.8	-3.4	1.6	2	J

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JAN. 6, 1987

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
310	20.0	15	J								

6

JAN. 12, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	341	22.1	20	J	3.5	-57	258	-0.4	-0.7	-3.3	1	J
2	335	19.0	18	J								
3	342	20.9	20	J	3.5	-12	307	1.5	-1.7	-1.1	2	J
4	355	21.9	32	J	4.9	-65	242	-0.9	-0.7	-4.5	2	J
5	351	20.4	39	J	6.5	-57	206	-2.9	-0.5	-5.1	3	J
6	350	22.9	47	J	5.5	-57	152	-2.1	1.5	-3.5	3	J
7	343	20.0	33	J	7.3	2	120	-3.0	5.3	0.5	4	J
8	341	21.5	30	J	7.0	21	95	-0.5	5.7	2.3	3	J
9	350	25.6	40	J	7.8	12	96	-0.7	7.0	1.3	3	J
10	359	26.0	41	J	9.4	35	84	0.7	7.2	4.6	4	J
11	360	23.4	57	J	9.7	-18	130	-4.3	5.0	-2.4	7	J
12	370	19.9	42	J	8.6	49	62	2.5	4.9	5.8	3	J
13	363	18.0	60	J	7.3	22	98	-0.9	6.2	2.4	3	J
14	354	14.1	65	J	7.7	1	120	-3.6	6.3	0.2	2	J
15	355	12.9	66	J	6.7	-18	133	-4.2	4.6	-1.8	1	J
16												
17												
18												
19	345	14.0	40	J	5.7	12	164	-5.2	1.2	1.5	1	J
20	339	13.7	25	J	5.5	3	190	-5.3	-1.0	-0.0	1	J
21	336	14.6	21	J	4.6	2	208	-3.7	-1.9	-0.5	2	J
22												
23												
24												

12

JAN. 13, 1987

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
353	17.0	36	J	4.6	-18	243	-1.9	-3.1	-2.5	1	J
355	17.3	45	J	3.2	5	217	-1.8	-1.4	-0.2	2	J
361	17.5	40	J	3.6	22	163	-2.7	0.5	1.3	2	J
353	16.7	41	J	3.6	-17	174	-3.1	0.5	-0.9	1	J
362	13.3	34	J	5.7	25	119	-2.2	3.7	2.6	3	J
377	12.3	48	J	5.6	15	113	-1.7	4.0	1.5	3	J
384	13.0	43	J	5.4	12	95	-0.4	4.8	1.1	2	J
383	11.4	44	J	5.2	-1	100	-0.8	4.5	-0.2	3	J
384	13.5	49	J	2.9	37	204	-1.5	-0.6	1.2	2	J
383	14.0	46	J	3.7	19	178	-2.9	0.1	1.0	2	J
382	15.0	44	J	3.9	-5	152	-3.1	1.6	-0.4	2	J
377	16.2	30	J	3.7	-6	138	-2.4	2.1	-0.4	2	J
376	14.5	32	J	3.3	-8	148	-2.3	1.4	-0.4	2	J
384	9.9	39	J	4.9	0	144	-3.6	2.6	0.1	2	J
389	7.6	47	J	5.1	0	141	-3.6	2.9	0.3	2	J
413	7.3	42	J								
411	9.2	47	J	3.0	51	141	-1.1	0.4	1.9	2	J
409	11.3	50	J	2.8	35	17	1.9	0.1	1.5	2	J
407	11.0	43	J	4.2	19	68	1.1	2.3	1.9	3	J
408	12.7	47	J	2.5	0	164	-1.9	0.5	0.2	2	J
400	9.5	50	J	4.8	-21	144	-3.3	2.8	-0.6	1	J
389	9.0	47	J	5.2	-20	142	-3.6	3.3	-0.5	1	J

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01/14/87 - 01/27/87

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 14, 1987							14
1												
2												
3												
4	357	10.0	34	J	2.9	-14	161	-2.3	0.9	-0.4	1	J
5	359	11.0	33	J	3.0	-26	161	-2.0	0.9	-0.9	2	J
6	366	12.2	25	J	3.0	-17	61	0.8	1.5	-0.3	2	J
7	363	10.9	27	J	3.3	-51	141	-1.5	1.4	-2.3	1	J
8	372	15.2	22	J	3.3	-6	50	1.9	2.2	-0.2	2	J
9	367	15.3	26	J	3.5	-38	83	0.2	1.9	-1.6	2	J
10	374	15.4	27	J	3.9	33	24	2.7	1.3	1.9	2	J
11	368	13.3	30	J	3.8	-29	98	-0.3	1.9	-1.2	3	J
12	362	11.5	36	J	4.2	-37	139	-2.5	2.1	-2.5	1	J
13	364	12.9	31	J	3.9	-45	118	-1.1	2.0	-2.4	2	J
14	372	17.5	22	J	3.2	-13	43	1.7	1.6	-0.5	2	J
15	369	16.5	23	J	3.9	3	74	0.6	2.1	0.2	3	J
16	371	14.2	28	J	4.2	49	45	1.0	0.8	1.8	4	J
17	373	15.4	28	J	4.1	83	80	0.1	-0.1	3.2	3	J
18	369	15.0	25	J	4.0	28	142	-2.2	1.4	1.8	2	J
19	356	14.1	38	J	4.0	-17	133	-2.5	2.9	-0.4	1	J
20	349	15.2	33	J	4.3	-21	153	-3.1	1.9	-0.8	2	J
21												
22	342	16.9	21	J	2.5	-13	128	-1.4	1.8	0.2	1	J
23	341	16.8	22	J	2.5	24	145	-1.8	0.8	1.4	1	J
24	339	19.2	16	J	2.4	20	149	-1.9	0.7	1.2	1	J
					JAN. 15, 1987							15
	339	19.7	15	J	2.7	15	133	-1.7	1.5	1.3	1	J
	341	19.0	19	J	3.6	51	181	-2.2	-1.0	2.5	1	J
	344	18.2	22	J	3.5	59	252	-0.4	-2.0	1.8	2	J
	341	15.7	21	J	6.1	28	298	2.5	-4.7	2.8	1	J
	337	15.8	17	J	5.5	38	322	3.2	-2.4	3.3	2	J
	337	14.4	19	J	5.2	35	322	3.2	-2.4	2.9	2	J
	334	13.6	18	J	5.2	34	309	2.5	-3.0	2.8	2	J
	337	14.1	15	J	5.1	39	282	0.8	-3.8	3.2	1	J
	343	10.0	27	J	5.2	43	38	2.9	1.9	3.7	1	J
	336	14.3	19	J	4.9	35	20	3.2	0.8	2.6	2	J
	337	20.1	17	J	3.9	7	317	2.8	-2.6	-0.1	1	J
	339	20.1	20	J	4.7	-1	312	3.1	-3.3	-1.0	1	J
	346	25.2	21	J	5.2	-5	309	3.2	-3.6	-1.7	1	J
	346	21.2	34	J	6.1	-7	301	3.0	-4.5	-2.4	2	J
	347	15.6	39	J	7.5	-6	303	4.0	-5.4	-3.0	2	J
	345	19.9	34	J	5.5	-36	293	1.7	-2.4	-4.4	2	J
	359	18.9	41	J	4.9	-38	153	-2.9	2.3	-1.8	3	J
					JAN. 16, 1987							16
1	358	17.5	50	J	6.1	-39	164	-4.3	2.5	-2.9	2	J
2	358	17.6	63	J	6.2	-21	166	-5.2	1.9	-1.5	2	J
3	371	18.1	54	J	5.9	-34	169	-3.9	1.6	-2.3	3	J
4	376	18.8	47	J	6.5	25	140	-4.1	2.7	3.3	3	J
5	376	19.8	37	J	6.6	47	115	-1.8	2.9	5.4	1	J
6												
7												
8												
9												
10	404	18.8	61	J	5.3	-9	138	-3.0	2.7	-0.7	3	J
11	400	24.0	50	J	5.2	-36	125	-2.3	3.2	-3.0	2	J
12	395	24.3	66	J	5.4	-22	191	-4.2	-0.8	-1.7	3	J
13	394	21.7	51	J	5.2	-8	155	-3.4	1.6	-0.5	4	J
14	405	21.4	34	J	6.4	4	135	-4.4	4.4	0.6	2	J
15	400	24.1	36	J	4.5	-4	141	-3.3	2.7	-0.1	2	J
16	399	16.7	31	J	2.7	-33	39	1.2	1.1	-0.9	2	J
17	408	15.8	27	J	3.5	-45	136	-1.2	1.5	-1.5	3	J
18	411	13.4	30	J	4.6	-31	163	-3.6	1.6	-2.0	1	J
19	411	12.1	34	J	4.0	-35	157	-2.9	1.8	-1.8	1	J
20	410	11.3	33	J	4.4	-44	128	-1.9	3.2	-2.0	1	J
21	393	10.2	47	J	4.4	-9	49	2.1	2.4	0.4	3	J
22	388	9.6	50	J	4.2	5	37	2.8	1.8	1.1	2	J
23	405	9.8	48	J	4.1	-17	150	-2.2	1.5	-0.2	3	J
24	409	9.9	58	J	3.9	-6	168	-3.7	0.9	-0.1	1	J
					JAN. 17, 1987							17
	410	10.4	44	J	4.3	-17	177	-4.1	0.7	-1.1	1	J
	409	10.6	39	J	4.3	-29	171	-3.7	1.3	-1.7	1	J
	397	10.4	45	J	3.4	-30	161	-2.6	1.4	-1.2	1	J
	397	8.7	49	J	3.3	2	187	-3.1	-0.4	0.0	1	J
	379	24.7	31	J	3.0	31	277	0.1	-1.2	0.7	3	J
	382	27.3	33	J	3.6	-1	127	-1.3	1.7	-0.0	3	J
	388	22.9	38	J	5.6	15	357	4.7	-0.3	1.3	3	J
	384	20.3	35	J	5.5	-4	312	3.6	-4.0	-0.7	1	J
	377	22.3	26	J	5.1	-1	301	2.6	-4.2	-0.6	1	J
	393	25.2	49	J	3.6	-6	302	1.9	-2.9	-0.9	1	J
	378	26.1	27	J	4.3	11	293	1.6	-3.8	-0.1	1	J
	392	26.2	33	J	4.0	-10	285	0.8	-2.9	-1.4	2	J
	378	33.7	40	J	4.5	5	45	2.3	2.1	1.0	3	J
	384	34.0	36	J	5.7	17	17	3.7	0.6	1.5	4	J
	393	27.3	36	J	5.3	-32	262	-0.4	-2.1	-3.0	4	J
	402	20.2	46	J	5.7	-44	206	-3.2	-0.1	-3.8	3	J
	405	14.8	58	J	7.5	-31	190	-5.2	0.4	-3.3	4	J
					JAN. 18, 1987							18
1	421	14.3	79	J	7.8	-21	162	-6.9	3.2	-1.7	1	J
2	410	10.5	58	J	7.1	-3	147	-5.9	3.7	1.0	1	J
3	406	11.0	58	J	6.1	4	143	-4.9	3.3	1.6	1	J
4	403	11.1	54	J	5.7	12	138	-4.1	3.3	2.2	1	J
5	403	11.3	57	J	5.8	-2	142	-4.4	3.4	0.6	1	J
6	409	12.1	59	J	5.8	-3	130	-3.6	4.3	0.4	1	J
7												
8												
9												
10												
11												
12												
13												
14	372	15.4	22	J	5.2	15	175	-5.0	0.4	1.4	1	J
15	369	14.1	27	J	6.2	-14	180	-5.8	0.1	-1.4	1	J
16	369	14.4	34	J	6.2	-7	165	-5.8	1.6	-0.5	1	J
17	363	14.4	41	J								
18	369	14.6	42	J	5.4	22	167	-4.6	0.6	2.1	1	J
19	366	17.5	39	J	6.5	41	201	-4.2	-2.6	3.3	2	J
20	372	16.5	36	J	3.7	-14	163	-3.2	1.2	-0.5	1	J
21	365	17.1	37	J								
22	362	14.7	40	J								
23												
24												
					JAN. 25, 1987							25
	467	4.2	86	J	5.4	-6	160	-4.6	1.7	0.2	2	J
	470	4.2	90	J	5.2	4	159	-4.4	1.4	1.0	2	J
	475	4.7	91	J	5.6	-24	148	-3.4	2.6	-0.9	3	J
	479	5.4	77	J	5.6	-13	129	-2.2	2.8	0.1	4	J
	490	6.2	85	J	5.5	-6	95	-0.4	4.5	0.7	3	J
	465	5.1	64	J	6.0	4	160	-5.1	1.7	0.7	2	J
	467	5.3	59	J	6.1	-33	161	-4.8	2.1	-3.0	1	J
	444	4.9	66	J	6.1	-14	175	-5.5	0.6	-1.3	2	J
	454	4.3	65	J	5.0	-3	164	-4.3	1.3	-0.2	2	J
	469	5.6	56	J	4.5	-12	148	-2.4	1.5	-0.5	3	J
	464	5.6	60	J	5.1	6	124	-2.3	3.4	0.6	3	J
	481	4.7	56	J	4.7	23	74	1.1	3.8	1.9	2	J
	462	5.7	65	J	4.2	5	123	-2.0	3.0	0.5	2	J
	462	5.4	54	J	4.8	-18	125	-2.3	3.5	-1.0	2	J
	464	5.7	58	J	4.8	28	124	-2.1	2.8	2.4	2	J
	455	5.5	63	J	4.6	-16	159	-3.9	1.7	-0.9	2	J
	456	5.6	54	J	4.8	-18	189	-4.4	-0.4	-1.6	1	J
					JAN. 26, 1987							26
1												
2												
3												
4	469	7.3	87	J	7.2	-11	167	-6.4	1.8	-0.7	2	J
5	463	6.6	49	J	6.6	13	172	-5.6	0.4	1.5	3	J
6	459	6.4	54	J	7.2	-27	166	-6.1	2.1	-2.8	1	J
7	457	5.7	95	J	5.8	-15	182	-5.4	0.0	-1.5	2	J
8	452	6.6	73	J	6.2	-2	193	-5.7	-1.3	-0.3	2	J
9	447	5.2	48	J	7.6	-5	186	-7.4	-0.7	-0.7	2	J
10	447	4.2	73	J	5.6	-4	159	-4.8	1.9	-0.3	2	J
11	450	4.1	64	J	5.1	10	111	-1.4	3.6	0.8	3	J
12	445	2.5	58	J	5.6	-17	127	-3.0	4.0	-1.3	2	J
13	465	3.3	64	J	5.8	-24	117	-2.2	4.4	-1.8	2	J
14	497	2.9	97	J	3.2	-13	29	1.0	0.6	-0.2	3	J
15	437	3.9	73	J	4.4	6	113	-1.6	3.7	0.9	2	J
16	436	3.3	80	J	5.1	-13	133	-3.2	3.6	-0.4	2	J
17	429	4.4	81	J	4.5	-25	119	-1.7	3.4	-0.9	2	J
18					3.6	11	118	-1.4	2.3	1.3	2	J
19	440	5.1	78	J	4.5	7	134	-2.5	2.3	1.3	3	J
20	468	4.8	81	J	3.5	-4	159	-3.0	1.1	0.2	1	J
21	465	5.3	83	J	3.5	2	149	-2.7	1.5	0.8	1	J
22	467	6.0	82	J	4.4	6	140	-3.0	2.1	1.5	2	J
23	470	6.5	108	J	4.7	5	148	-3.9	2.0	1.4	1	J
24	431	8.5	76	J	4.5	20	112	-1.2	2.1	2.4	3	J
					JAN. 27, 1987							27
	414	8.4	43	J	5.8	-11	141	-4.2	3.5	0.5	2	J
	407	9.0	40	J	5.7	-5	136	-4.0	3.7	1.2	1	J
	407	8.8	35	J	5.7	-12	134	-3.9	4.2	0.4	1	J
	423	9.0	58	J	6.3	56	46	1.7	0.9	3.9	2	J
	438	10.4	76	J	7.4	25	239	-1.7	-3.0	1.0	5	J
	440	12.5	94	J	8.1	-1	235	-2.7	-3.8	-0.5	5	J
	436	12.2	101	J	7.3	-48	190	-2.9	-0.3	-3.3	3	J
	447	12.7	105	J	7.6	-36	197	-4.3	-1.1	-3.3	2	J
	445	10.0	83	J	8.5	-47	196	-4.1	-0.9	-4.6	3	J
	442	8.4	74	J	7.8	-9	226	-4.3	-4.4	-1.2	2	J
	448	6.1	68	J	8.2	-15	201	-6.3	-2.3	-2.0	1	J
	446	5.4	68	J	7.9	-14	198	-6.0	-1.8	-1.8	2	J
	442	4.9	70	J	7.2	-7	185	-5.7	-0.4	-0.8	1	J
	436	4.8	81	J	7.0	-7	184	-5.4	-0.2	-0.7	1	J
	442	5.3	131	J	7.1	0	177	-5.7	0.3	0.1	1	J
	425	5.5	61	J	7.1	4	167	-5.7	1.1	0.8	1	J
	419	5.8	49	J	7.2	8	163	-5.7	1.4	1.4	1	J
	414	6.8	33	J	7.4	10	162	-5.6	1.3	1.7	2	J
	409	6.8	43	J	6.9	-9	171	-5.1	1.1	-0.4	2	J
	411	7.1	47	J	6.8	-6	167	-4.2	1.1	0.0	3	J
	416	8.2	39	J	6.6	24	126	-2.7	2.4	3.5	1	J
	408	7.1	54	J	6.3	8	178	-3.8	-0.1	0.5	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 28, 1987							28
1	405	6.1	46	J	7.1	-9	196	-5.1	-0.9	-1.4	2	J
2	430	8.3	75	J	7.1	-27	217	-3.3	-1.4	-3.0	3	J
3	422	9.0	106	J	7.1	-22	175	-4.9	1.2	-1.7	1	J
4	417	8.4	55	J	6.7	-15	166	-4.5	1.5	-0.8	2	J
5	438	11.2	83	J	6.7	9	98	-0.6	4.1	2.0	3	J
6												
7												
8												
9	440	7.2	84	J	8.3	-26	167	-6.0	1.6	-2.9	2	J
10	445	6.3	125	J	8.8	-19	175	-6.8	0.7	-2.3	3	J
11	448	6.4	116	J	8.1	12	165	-6.6	1.7	1.5	2	J
12	438	8.8	158	J	7.8	-7	140	-4.7	4.0	-0.5	2	J
13	437	8.8	116	J	7.7	8	96	-0.4	4.1	0.9	5	J
14	441	12.2	122	J	7.4	-13	84	0.4	3.6	-0.4	5	J
15	449	14.9	75	J	6.8	8	12	4.3	0.8	0.7	3	J
16	460	19.0	74	J	8.2	-21	283	1.3	-5.3	-3.4	3	J
17	483	12.1	110	J	9.2	-30	145	-3.1	2.7	-1.6	7	J
18	493	10.2	150	J	7.6	-20	121	-2.1	3.8	-0.4	4	J
19	479	9.6	97	J	9.2	37	34	5.4	1.7	5.8	2	J
20	487	10.4	138	J	9.9	1	102	-1.3	5.6	2.5	6	J
21	486	10.0	180	J	9.5	-25	139	-5.4	5.7	-1.1	3	J
22	490	10.2	131	J	9.1	-21	162	-5.9	2.8	-1.3	5	J
23	511	9.7	156	J	10.3	9	140	-4.9	3.2	2.8	7	J
24	509	10.2	184	J	8.6	25	192	-4.7	-1.9	1.5	5	J
					JAN. 29, 1987							29
521	9.3	182	J	8.6	-29	150	-3.1	2.5	-1.0	6	J	
515	6.9	81	J	8.4	-27	207	-4.8	-1.1	-3.6	4	J	
515	6.8	98	J	8.1	-25	201	-4.1	-0.7	-2.5	4	J	
494	5.5	110	J	6.8	5	169	-5.4	1.0	0.5	1	J	
496	5.4	109	J	7.1	7	176	-5.6	0.3	0.7	3	J	
				6.9	16	165	-3.7	0.9	1.2	5	J	
483	3.0	82	J	7.2	-1	148	-3.9	2.3	0.8	4	J	
436	3.5	65	J	6.2	10	125	-2.5	3.0	2.1	1	J	
432	3.7	74	J	5.8	0	138	-2.7	2.2	1.0	2	J	
411	5.0	63	J	5.5	-13	130	-1.3	1.5	0.3	2	J	
417	4.4	50	J	6.1	-12	177	-4.0	0.6	-0.7	1	J	
398	6.0	65	J	5.6	-23	163	-2.1	1.0	-0.5	2	J	
					JAN. 30, 1987							30
1	396	6.3	55	J	5.7	-31	100	-0.4	2.5	-0.2	1	J
2	392	6.1	59	J	6.1	10	125	-2.3	2.6	2.0	2	J
3	386	5.4	46	J	6.1	40	153	-2.5	0.3	2.7	2	J
4	375	5.9	39	J	5.8	17	159	-3.5	0.9	1.5	1	J
5	373	6.1	38	J	6.0	26	168	-3.5	0.2	1.9	1	J
6												
7												
8												
9												
10												
11												
12												
13	373	5.2	38	J	7.4	-25	172	-5.1	0.9	-2.3	0	J
14	361	6.6	64	J	7.2	-22	173	-5.2	0.9	-2.0	1	J
15	348	8.5	79	J	7.0	-19	161	-4.8	1.9	-1.5	1	J
16	372	11.3	67	J	6.4	24	131	-2.4	2.4	2.2	3	J
17	370	11.1	73	J	6.3	-22	171	-5.6	1.4	-2.0	2	J
18	403	11.3	36	J	8.2	-16	140	-5.9	5.4	-0.6	2	J
19	399	13.3	40	J	7.4	0	133	-4.8	4.9	1.8	2	J
20	392	14.0	39	J	7.1	5	128	-4.3	4.8	2.7	1	J
21	391	14.9	37	J	7.3	7	125	-4.1	4.9	3.3	1	J
22	391	16.0	37	J	7.5	-12	127	-4.2	5.6	1.2	3	J
23	389	18.8	33	J	6.6	8	108	-1.7	4.2	3.0	4	J
24	384	27.7	26	J	5.6	27	62	1.5	1.7	2.8	4	J
					JAN. 31, 1987							31
381	24.7	29	J	5.3	4	100	-0.1	0.5	0.3	5	J	
380	18.8	35	J	7.6	-24	186	-6.8	0.7	-3.1	2	J	
381	20.0	43	J	6.8	-51	132	-2.6	4.5	-3.2	3	J	
373	17.6	29	J	6.5	-37	139	-3.7	4.3	-2.3	2	J	
366	15.4	40	J									
372	17.3	32	J									
					FEB. 6, 1987							37
1	369	21.7	59	J	6.9	12	244	-2.1	-4.4	-1.2	5	J
2	370	22.0	63	J	7.8	-20	200	-6.2	-0.9	-3.2	3	J
3	363	18.2	72	J	8.3	-18	133	-4.9	5.8	0.1	3	J
4	374	17.0	67	J	6.4	-28	156	-4.8	3.1	-1.8	2	J
5	379	17.2	66	J	6.0	-7	120	-2.4	4.1	0.8	3	J
6	373	18.0	63	J	7.1	9	99	-1.0	5.6	2.6	3	J
7	375	18.8	63	J	7.3	41	74	1.4	3.9	5.5	2	J
8	375	20.0	52	J	7.2	65	51	1.9	1.2	6.6	1	J
9	368	17.0	50	J	7.4	42	55	3.1	3.7	5.4	2	J
10					7.7	25	72	2.0	5.9	3.8	3	J
11	366	17.8	46	J	7.3	32	89	0.1	4.6	3.6	4	J
12	368	18.3	71	J	7.4	26	111	-1.6	3.9	2.6	5	J
13	368	12.8	39	J	7.6	-1	123	-4.0	6.1	0.6	2	J
14	381	17.7	93	J	7.1	-20	143	-5.0	4.0	-1.7	2	J
15	408	13.8	134	J	7.4	14	134	-4.0	3.8	2.2	5	J
16	407	11.5	108	J	8.6	36	133	-4.2	3.3	5.4	4	J
17												
18	488	11.4	134	J	8.1	38	69	2.2	3.7	6.4	2	J
19	489	11.3	145	J	7.9	54	42	2.8	0.3	5.7	5	J
20	482	11.3	163	J	8.4	38	94	-0.4	3.6	7.1	2	J
21	463	10.1	125	J	8.4	3	145	-6.3	3.7	2.4	3	J
22	448	8.8	115	J	7.1	-14	160	-6.0	2.7	-0.3	3	J
23	431	8.3	105	J	7.4	-25	130	-4.0	5.6	-0.2	2	J
24												
					FEB. 7, 1987							38
428	3.7	67	J	5.9	7	117	-2.5	4.1	2.7	2	J	
447	4.8	69	J	6.0	17	120	-2.5	3.5	3.1	3	J	
444	5.2	87	J	6.2	-1	116	-2.3	4.4	1.5	3	J	
447	5.6	66	J	5.8	18	97	-0.6	4.2	2.8	3	J	
444	5.5	88	J	6.2	5	126	-3.3	4.3	1.5	3	J	
437	5.6	55	J	5.9	-6	120	-2.4	4.2	0.2	3	J	
421	5.6	45	J	7.3	-11	151	-6.1	3.5	-0.9	1	J	
420	7.0	58	J	7.0	-11	138	-4.6	4.3	-0.7	3	J	
431	8.6	77	J	7.0	4	121	-3.0	5.0	1.0	4	J	
426	8.6	74	J	6.2	19	127	-3.0	3.8	2.2	3	J	
433	9.5	114	J	5.3	-23	161	-3.2	1.3	-1.3	4	J	
433	10.2	102	J	4.9	-44	191	-3.0	-0.1	-3.0	2	J	
421	11.2	112	J	4.6	-3	179	-4.1	0.1	-0.2	2	J	
423	10.6	107	J	4.2	-32	189	-3.0	-0.0	-2.0	2	J	
427	12.2	94	J	4.5	-25	117	-1.6	3.4	-0.6	2	J	
421	12.8	80	J	5.6	-16	116	-2.0	4.3	0.2	3	J	
430	14.6	87	J	6.6	27	77	1.3	3.9	4.8	2	J	
					FEB. 8, 1987							39
1												
2												
3												
4												
5	499	6.6	150	J	7.2	-53	155	-3.3	3.0	-4.0	4	J
6	492	6.6	154	J	7.7	-41	108	-1.5	5.7	-2.8	4	J
7	493	5.1	126	J	8.4	-3	93	-0.3	5.6	1.0	6	J
8	524	5.5	200	J	6.9	-3	173	-6.6	0.9	-0.2	2	J
9	550	4.5	146	J	4.6	5	147	-2.0	1.3	0.4	4	J
10	533	5.4	147	J	4.5	70	160	-0.4	0.0	1.1	4	J
11	538	5.8	116	J	6.4	72	130	-1.0	0.7	5.0	4	J
12	522	4.5	99	J	6.8	18	147	-5.1	3.1	2.4	2	J
13	508	4.0	51	J	7.4	2	161	-6.9	2.3	0.6	1	J
14	509	3.5	59	J	7.6	-10	166	-6.9	1.9	-1.0	2	J
15	503	4.8	69	J	8.7	-31	171	-7.2	2.0	-4.1	2	J
16	510	6.8	79	J	7.4	-27	223	-4.4	-3.2	-4.0	3	J
17	535	8.9	165	J	6.7	-32	226	-2.7	-1.9	-3.1	5	J
18	548	9.9	200	J	4.9	-57	179	-1.4	0.7	-2.0	4	J
19	562	8.7	189	J	6.1	77	236	-0.5	-2.4	3.5	4	J
20	556	6.8	165	J	6.2	68	159	-1.4	-1.1	3.5	5	J
21	566	6.1	125	J	5.9	68	127	-1.1	-0.8	4.5	4	J
22	566	7.0	177	J	5.5	50	130	-1.5	0.2	3.4	4	J
23	572	6.4	116	J	5.5	66	101	-0.4	-0.6	4.9	3	J
24												
					FEB. 9, 1987							40
507	3.6	60	J	4.4	-11	180	-4.0	0.1	-0.8	1	J	
519	5.2	68	J	4.0	4	153	-1.6	0.8	0.2	4	J	
509	5.1	58	J	5.0	-13	144	-3.2	2.4	-0.6	3	J	
515	5.2	66	J	4.7	-8	116	-1.7	3.5	-0.1	3	J	
507	5.6	83	J	4.9	-41	167	-2.9	1.0	-2.5	3	J	
496	5.6	97	J	4.9	-15	121	-2.1	3.7	-0.6	2	J	
497	5.5	83	J	5.4	23	90	0.0	4.0	2.5	3	J	
485	5.1	75	J	5.4	-1	80	0.9	4.9	0.9	2	J	
483	5.2	91	J	5.4	-32	117	-1.5	3.3	-1.2	4	J	
499	6.0	75	J	5.8	15	90	0.0	4.1	2.6	3	J	
496	5.4	78	J	5.5	23	97	-0.5	3.5	3.4	3	J	
512	4.9	62	J	5.3	22	76	1.1	3.3	3.4	2	J	
502	5.3	83	J	5.3	7	118	-2.0	3.2	2.1	3	J	
510	4.0	58	J	5.7	-15	114	-1.4	3.2	0.7	4	J	
513	4.3	51	J	5.4	-35	125	-2.3	4.3	-0.8	2	J	
507	4.1	54	J	5.2	-55	160	-2.6	2.8	-2.9	2	J	
527	3.8	75	J	4.6	-16	100	-0.7	3.8	1.0	2	J	

02/10/87 - 02/23/87

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 10, 1987							41
1	534	4.4	84	J	3.9	-15	77	0.8	3.3	0.8	2	J
2	507	4.2	61	J	4.0	-38	165	-2.7	1.7	-1.6	2	J
3	499	5.4	46	J	4.1	32	259	-0.3	-2.0	0.2	4	J
4	490	5.9	51	J	3.9	-47	332	0.4	-0.0	-0.6	4	J
5	466	6.8	43	J	3.8	-37	158	-2.7	1.8	-1.7	1	J
6												
7												
8												
9												
10	455	6.7	45	J	3.3	-73	43	0.6	0.8	-2.4	2	J
11	459	6.5	46	J	3.3	-43	77	0.4	1.7	-1.3	2	J
12	450	5.6	75	J	2.8	-2	233	-1.0	-1.3	-0.2	2	J
13	446	6.3	96	J	3.1	5	4	2.6	0.1	0.3	2	J
14	448	6.7	121	J	3.7	21	2	3.2	-0.1	1.2	1	J
15	444	7.4	86	J	3.5	-35	23	2.3	1.3	-1.5	2	J
16	439	7.4	50	J	4.0	-30	85	0.3	3.8	-1.0	1	J
17	428	7.3	45	J	4.6	-27	110	-1.3	3.9	-0.7	2	J
18	430	8.0	48	J	5.1	0	113	-1.9	4.1	1.6	2	J
19					5.7	-6	94	-0.4	5.3	1.7	1	J
20	415	8.6	29	J	5.2	0	133	-3.5	3.4	1.7	1	J
21	412	12.0	32	J	3.0	7	137	-1.5	1.1	0.9	3	J
22	405	14.8	36	J	1.5	51	105	-0.1	0.1	0.5	2	J
23	406	16.6	28	J	1.8	48	131	-0.7	0.1	1.3	1	J
24	402	15.3	33	J	2.2	-5	149	-0.9	0.5	0.2	2	J
					FEB. 12, 1987							43
1	378	23.2	28	J	9.7	2	275	0.6	-6.4	-3.4	7	J
2	876	18.1	45	J	8.1	-3	293	1.7	-3.4	-2.1	7	J
3	895	14.4	85	J	8.1	-19	130	-2.5	3.3	0.1	7	J
4	899	20.1	97	J	4.0	63	149	-0.5	-0.2	1.3	4	J
5	411	19.6	81	J	5.5	-6	220	-3.9	-2.9	-1.6	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14	396	12.6	22	J	8.8	-54	160	-4.9	3.0	-6.7	0	J
15	393	13.4	23	J	8.6	-49	152	-4.9	3.9	-5.6	1	J
16	388	14.5	25	J	7.5	-44	132	-3.5	5.1	-3.9	1	J
17	371	17.8	37	J	5.7	-33	90	0.0	5.2	-1.4	2	J
18												
19												
20												
21					6.8	-31	165	-5.5	3.0	-2.3	1	J
22												
23												
24												
					FEB. 20, 1987							51
1	412	20.2	33	J	13.2	22	109	-4.0	7.3	10.3	1	J
2												
3												
4												
5												
6												
7												
8												
9					12.9	-57	255	-1.8	-4.4	-11.6	2	J
10	582	11.4	456	J	11.5	-78	170	-1.8	1.8	-8.3	7	J
11	630	7.2	328	J	7.0	6	217	-2.8	-2.1	0.0	6	J
12	646	6.0	278	J	6.2	-36	181	-2.5	0.3	-1.8	5	J
13	628	5.9	112	J	7.1	-3	148	-5.3	3.3	0.3	3	J
14	627	6.2	102	J	7.6	10	172	-6.4	0.6	1.3	4	J
15	652	6.7	189	J	7.6	7	227	-4.2	-4.5	-0.4	4	J
16	633	6.5	216	J	7.5	-9	200	-4.5	-1.4	-1.2	6	J
17	613	5.4	179	J	7.3	-10	124	-3.6	5.4	0.7	3	J
18	616	5.3	178	J	7.0	4	142	-4.4	3.0	1.7	4	J
19	626	5.2	171	J	6.9	-14	147	-3.6	2.6	0.0	5	J
20	628	5.6	166	J	6.9	-23	141	-3.4	3.3	-0.3	5	J
21	624	6.6	191	J	6.4	14	195	-4.0	-1.5	0.4	5	J
22	625	5.8	170	J	6.5	-3	113	-1.7	3.5	1.9	5	J
23	624	5.7	157	J	6.1	-11	120	-2.3	3.8	1.4	4	J
24	625	5.6	194	J	6.0	11	203	-4.2	-2.0	-0.2	4	J
					FEB. 22, 1987							53
1												
2												
3												
4												
5												
6												
7												
8	554	6.4	159	J	6.1	34	89	0.1	4.1	4.5	0	J
9	542	5.9	175	J	5.0	6	222	-3.0	-2.8	-0.1	3	J
10	524	5.8	159	J	5.2	4	173	-4.7	0.5	0.4	2	J
11	526	6.0	175	J	5.1	-21	173	-3.9	0.7	-1.4	3	J
12	525	5.7	136	J	5.1	9	155	-3.8	1.6	0.9	3	J
13	539	5.5	118	J	5.3	12	137	-2.8	2.4	1.3	4	J
14	542	5.0	102	J	5.5	14	129	-2.9	3.3	1.9	3	J
15	519	4.8	65	J	5.6	0	158	-4.9	1.9	0.5	2	J
16	520	4.8	44	J	5.9	7	162	-5.4	1.5	1.2	1	J
17	508	4.6	49	J	6.2	-10	154	-5.3	2.8	-0.1	1	J
18	552	4.9	128	J	5.0	12	167	-4.3	0.5	1.2	2	J
19	581	4.8	131	J	4.7	-12	157	-3.7	1.8	-0.1	2	J
20	582	5.2	156	J	4.7	3	140	-3.2	2.3	1.5	2	J
21	586	4.5	138	J	3.5	-24	278	0.4	-1.7	-2.4	2	J
22					4.8	-48	181	-2.2	1.3	-2.1	3	J
23	578	4.8	141	J	4.6	-70	220	-0.9	1.1	-3.0	3	J
24	569	5.2	186	J	4.9	-6	194	-3.9	-0.6	-0.9	3	J

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				FEB. 11, 1987							42
384	12.0	51	J	3.8	1	160	-3.4	1.0	0.7	1	J
382	10.6	41	J	4.2	16	136	-2.9	1.9	2.4	0	J
377	11.1	31	J	3.9	4	132	-2.5	2.3	1.4	1	J
373	10.8	25	J	3.3	21	156	-2.5	0.6	1.4	2	J
371	10.1	27	J	2.7	3	171	-2.7	0.3	0.3	1	J
359	12.2	19	J	2.2	-12	210	-1.4	-0.7	-0.4	1	J
359	13.7	21	J	2.0	-13	196	-1.7	-0.4	-0.5	1	J
361	16.0	20	J	2.9	9	214	-2.1	-1.5	0.1	1	J
				3.6	39	193	-2.7	-1.2	2.0	0	J
				4.3	3	192	-4.0	-0.9	-0.1	1	J
365	26.5	25	J	4.8	-37	177	-3.3	1.1	-2.3	2	J
374	26.9	25	J	6.4	-76	168	-1.0	1.9	-3.8	5	J
360	21.7	47	J	5.8	-15	316	3.1	-2.1	-2.3	4	J
359	18.8	40	J	6.9	31	326	4.8	-4.5	1.5	2	J
370	16.3	27	J	8.5	47	332	5.1	-5.4	4.0	1	J
375	16.6	23	J	9.9	29	295	3.6	-9.1	0.1	1	J
378	15.8	24	J	11.3	20	288	3.3	-10.7	-1.9	1	J
				FEB. 19, 1987							50
405	6.2	29	J	3.6	20	111	-1.1	2.5	1.9	1	J
404	5.7	38	J	3.5	11	136	-2.1	1.9	1.0	2	J
396	6.1	57	J	3.6	5	160	-3.1	1.0	0.5	1	J
394	6.3	70	J	3.9	8	170	-3.7	0.6	0.6	0	J
393	6.6	63	J	3.9	3	161	-3.5	1.2	0.4	1	J
385	8.0	57	J	3.8	6	161	-3.3	1.1	0.5	1	J
383	8.5	49	J	3.5	-1	156	-2.8	1.3	0.2	2	J
382	7.5	45	J	3.3	-16	166	-2.7	0.8	-0.6	1	J
376	7.7	33	J	4.0	-19	176	-3.6	0.5	-1.1	1	J
371	8.6	24	J	3.3	-19	166	-2.8	0.9	-0.7	1	J
370	6.8	24	J	3.1	-3	169	-2.5	0.5	0.0	1	J
371	9.7	26	J	3.3	34	148	-1.8	0.5	1.7	2	J
374	10.7	24	J	3.9	49	124	-1.2	0.6	3.1	2	J
376	13.1	36	J	5.2	23	133	-2.7	1.8	2.8	3	J
395	19.6	47	J	7.2	49	128	-2.7	0.5	6.2	2	J
390	25.8	41	J	6.7	26	128	-3.1	2.1	4.2	4	J
401	20.2	26	J	10.1	70	112	-1.3	-2.3	9.4	3	J
413	23.3	32	J	11.4	51	111	-2.3	0.8	10.1	5	J
				FEB. 21, 1987							52
608	5.6	183	J	5.9	7	160	-4.7	1.1	1.4	3	J
628	5.0	159	J	5.6	-20	126	-2.4	3.6	0.4	3	J
632	5.0	161	J	5.7	-10	122	-2.4	3.8	1.1	3	J
615	5.6	185	J	5.3	-52	166	-2.4	1.6	-2.9	3	J
628	5.1	143	J	5.2	-50	105	-0.5	2.5	-1.8	4	J
633	5.2	184	J	5.2	-72	128	-0.7	1.7	-3.2	4	J
				6.5	-31	48	3.5	4.4	-2.3	2	J
613	5.2	144	J	6.9	6	79	1.1	5.7	1.6	3	J
602	5.4	148	J	5.6	29	91	-0.1	4.0	3.2	2	J
612	5.1	137	J	5.7	35	62	2.1	3.4	3.8	2	J
608	5.0	140	J	5.5	23	44	3.1	2.6	2.4	3	J
608	4.6	126	J	4.8	0	58	2.3	3.6	0.8	2	J
588	4.7	131	J	3.8	-21	82	0.4	3.1	-0.4	2	J
578	4.7	120	J	3.7	-34	134	-2.0	2.5	-1.2	1	J
541	5.2	63	J	5.7	3	117	-2.3	4.2	1.8	3	J
518	5.4	66	J	6.4	14	109	-1.8	4.3	3.3	3	J
517	5.8	62	J	6.6	5	93	-0.3	5.4	3.2	2	J
526	5.9	75	J	6.1	0	90	0.0	4.8	2.6	3	J
511	6.4	66	J	5.3	-29	171	-4.1	1.7	-1.7	2	J
507	6.8	83	J	4.9	-10	194	-4.3	-0.5	-1.2	2	J
503	7.1	81	J	5.2	-21	159	-3.8	2.1	-0.5	3	J
493	7.2	93	J	6.0	-23	156	-4.9	3.1	-0.7	1	J
				FEB. 23, 1987							54
560	5.1	157	J	5.6	-19	146	-3.5	2.8	0.0	3	J
545	4.9	112	J	6.0	-22	184	-4.9	0.7	-1.9	3	J
513	5.9	77	J	6.8	-20	169	-5.4	1.4	-1.8	3	J
538	5.8	89	J	6.9	17	127	-3.2	3.9	2.4	4	J
524	5.5	111	J	7.1	-16	153	-5.1	2.9	-1.1	4	J
519	5.4	94	J	7.9	-38	162	-5.6	2.8	-4.1	2	J
535	5.5	85	J	7.7	-9	142	-3.4	2.8	0.0	6	J
555	6.7	190	J	5.3	1	136	-2.4	2.2	0.7	4	J
586	6.4	125	J	6.0	-5	90	0.0	3.3	0.9	5	J
579	4.9	70	J	6.1	-14	150	-5.0	3.2	-0.2	1	J
579	5.2	94	J	5.2	16	147	-2.6	1.1	1.5	4	J
643	4.9	131	J	4.6	35	101	-0.5	1.2	2.6	4	J
568	4.6	71	J	4.5	0	167	-4.0	0.8	0.5	2	J
565	4.6	69	J	4.4	18	154	-3.7	0.8	2.1	1	J
555	4.4	77	J	4.6	15	152	-3.8	1.1	2.0	1	J
549	6.2	93	J	4.9	-27	137	-2.8	3.3	-0.2	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 24, 1987							55
1	551	6.1	84	J	4.9	12	92	-0.1	3.0	2.9	3	J
2	560	5.9	76	J	4.5	21	74	1.1	2.5	3.2	1	J
3	521	6.3	138	J	4.1	18	143	-2.2	1.0	1.6	3	J
4	543	6.2	111	J	4.3	28	118	-1.4	1.7	2.6	3	J
5												
6												
7												
8												
9												
10												
11												
12												
13	566	5.3	215	J	4.1	-1	175	-3.3	0.3	-0.0	3	J
14	559	5.4	168	J	5.8	20	118	-2.2	3.7	2.6	3	J
15	553	5.3	149	J	6.2	-13	126	-3.3	4.8	-0.1	2	J
16	512	4.5	50	J	6.9	-4	158	-6.0	2.5	0.3	2	J
17	544	4.8	134	J	6.2	-12	149	-3.9	2.6	-0.1	4	J
18	533	5.0	197	J	5.7	-11	140	-3.9	3.4	0.4	2	J
19	523	4.2	149	J	6.5	-28	192	-5.4	0.3	-3.1	2	J
20	528	4.8	156	J	7.0	-40	189	-5.1	1.4	-4.2	1	J
21	519	5.3	206	J								
22	550	5.0	117	J	5.7	22	128	-2.5	1.8	3.0	4	J
23	555	4.7	153	J	4.4	38	161	-2.2	-0.4	2.0	3	J
24	544	4.6	199	J	4.2	-6	174	-3.6	0.5	-0.1	2	J
					FEB. 26, 1987							57
1	454	7.4	64	J	4.5	-1	156	-3.7	1.4	0.8	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					MAR. 4, 1987							63
1												
2	375	16.6	43	J	6.1	0	213	-5.0	-2.8	-1.7	1	J
3	385	15.8	37	J	6.9	-2	221	-5.1	-3.7	-2.4	2	J
4	384	16.1	27	J	7.3	-17	218	-5.4	-2.8	-3.8	1	J
5	373	15.6	26	J	8.1	-3	210	-6.9	-3.5	-2.0	1	J
6	372	16.0	26	J	8.2	2	205	-7.2	-3.3	-0.9	2	J
7	367	18.3	18	J	7.7	-5	208	-6.7	-3.2	-1.7	1	J
8	369	18.0	18	J	7.0	-3	213	-5.8	-3.5	-1.3	1	J
9												
10	371	19.3	23	J	5.3	-57	185	-2.4	0.5	-3.7	3	J
11	367	17.4	28	J	5.5	-25	110	-1.4	4.1	-1.1	3	J
12	376	22.7	21	J	4.7	15	66	1.7	3.5	1.8	2	J
13	372	18.3	22	J	5.5	-20	103	-1.1	5.1	-0.7	2	J
14	376	21.0	27	J	5.1	-22	121	-2.1	3.8	-0.8	3	J
15	387	17.4	52	J	4.2	6	151	-1.2	0.6	0.3	4	J
16	387	19.9	41	J	4.0	2	112	-1.3	2.9	1.1	2	J
17	394	17.6	38	J	5.1	-22	135	-3.0	3.4	-0.5	2	J
18	403	13.8	40	J	5.9	-13	133	-3.6	4.0	0.5	2	J
19												
20												
21												
22	409	11.4	42	J	9.8	-14	142	-7.3	6.1	1.2	2	J
23	414	12.3	40	J	9.8	-10	137	-6.9	6.3	2.2	2	J
24	412	15.2	40	J	9.5	-5	158	-7.4	2.9	1.1	5	J
					MAR. 6, 1987							65
1	601	3.8	127	J	9.3	-12	150	-7.8	4.8	0.9	1	J
2	611	3.4	86	J	8.3	-7	150	-7.1	4.0	1.3	1	J
3	624	3.5	85	J	7.8	-8	150	-6.6	3.8	0.9	1	J
4	642	4.0	208	J	7.2	4	130	-4.2	4.2	2.6	3	J
5												
6												
7	575	2.9	106	J	6.2	-5	177	-6.0	0.5	-0.4	2	J
8	572	3.5	75	J	5.8	9	178	-5.3	-0.0	0.9	2	J
9	563	3.2	140	J	4.9	5	164	-4.3	1.1	0.7	2	J
10	578	3.4	111	J	4.4	-17	109	-1.2	3.5	-0.4	2	J
11	561	3.2	144	J	5.1	17	155	-4.2	1.6	1.8	2	J
12	547	3.8	208	J	5.0	13	162	-4.4	1.2	1.3	2	J
13	534	4.8	225	J	4.8	15	150	-3.7	1.8	1.6	2	J
14	561	5.9	108	J	4.3	42	69	0.9	1.7	2.8	3	J
15	565	6.7	109	J	4.5	46	21	2.1	0.1	2.5	3	J
16	551	7.4	138	J	3.7	10	99	-0.5	2.9	1.6	2	J
17					3.8	12	151	-3.0	1.3	1.3	1	J
18					3.7	31	161	-2.5	0.1	1.8	2	J
19					4.0	-10	207	-3.2	-1.1	-1.3	2	J
20					4.0	26	233	-1.5	-2.3	0.0	3	J
21												
22					4.0	11	282	0.5	-2.4	-1.0	3	J
23	534	7.5	175	J	3.6	-9	242	-1.3	-1.8	-1.8	2	J
24	538	6.6	146	J	5.0	-46	204	-3.0	0.8	-3.5	2	J

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				FEB. 25, 1987							56
565	4.5	139	J	4.5	34	118	-1.1	0.9	2.5	3	J
562	4.5	113	J	4.8	17	95	-0.3	2.7	3.0	2	J
548	4.4	130	J	4.6	6	135	-2.8	2.3	1.7	2	J
539	4.5	160	J	5.0	10	148	-3.9	1.8	1.8	2	J
525	4.5	189	J	5.1	15	155	-4.2	1.3	1.9	2	J
502	5.6	65	J	5.0	16	121	-2.1	3.0	2.0	3	J
485	6.8	85	J	6.2	8	136	-4.1	3.4	2.1	2	J
472	6.2	107	J	5.8	11	146	-4.5	2.3	2.2	1	J
471	5.8	56	J	4.9	-36	116	-1.6	4.3	-0.6	2	J
458	6.3	45	J	4.5	-15	138	-3.2	3.0	0.6	1	J
456	6.2	49	J	4.6	-12	152	-3.7	2.1	0.3	2	J
456	6.5	50	J	4.5	-4	160	-4.0	1.4	0.6	1	J
				MAR. 3, 1987							62
390	10.9	67	J								
383	11.3	63	J								
374	10.0	47	J	6.2	-35	140	-3.2	3.8	-1.2	3	J
379	12.7	49	J	5.9	-38	142	-3.1	3.5	-1.7	3	J
382	13.7	51	J	5.0	1	144	-3.4	2.2	1.1	2	J
379	14.2	46	J	4.5	-21	164	-3.3	1.4	-0.9	2	J
379	13.7	40	J	4.4	-38	140	-2.1	2.3	-1.5	3	J
382	12.8	38	J	4.9	-31	177	-4.0	0.8	-2.3	1	J
382	14.5	35	J	4.2	-27	160	-3.2	1.5	-1.4	2	J
381	14.2	28	J	4.2	-3	150	-3.1	1.8	0.2	2	J
383	14.5	33	J	3.4	-9	166	-2.9	0.8	-0.3	2	J
380	15.7	37	J	3.5	21	141	-2.1	1.5	1.4	2	J
				4.7	26	171	-4.0	0.2	2.1	1	J
372	15.8	23	J	4.4	-1	214	-3.3	-2.2	-0.6	2	J
375	13.4	32	J	5.2	26	208	-4.1	-2.7	1.6	1	J
376	20.1	22	J	5.4	24	6	4.2	-0.6	1.8	3	J
372	18.9	32	J	4.7	-3	323	2.8	-1.7	-1.3	3	J
382	15.8	61	J	4.2	26	216	-2.8	-2.6	0.3	2	J
				MAR. 5, 1987							64
409	17.1	43	J	9.7	5	132	-6.0	5.1	4.3	3	J
400	17.7	45	J	10.0	2	127	-6.0	6.6	4.5	0	J
410	11.8	68	J	8.6	-43	199	-5.9	0.8	-6.1	1	J
413	10.9	67	J	9.4	-31	173	-7.1	2.5	-3.6	4	J
443	9.9	94	J	8.6	5	125	-4.7	6.1	3.1	2	J
440	12.0	98	J	7.3	31	120	-2.8	3.6	4.7	3	J
460	11.6	123	J	5.6	33	123	-1.6	1.9	2.6	5	J
472	8.8	119	J	8.6	-6	146	-6.9	4.7	0.2	2	J
503	8.3	128	J	7.4	22	132	-3.9	3.8	3.2	4	J
510	9.6	126	J	7.4	12	313	3.7	-4.2	0.4	5	J
548	7.3	148	J	8.1	-33	171	-6.5	1.9	-4.0	2	J
553	7.3	149	J	7.4	-26	180	-6.4	0.7	-3.0	2	J
568	6.1	100	J	8.9	-20	160	-7.8	3.5	-2.2	2	J
576	6.5	150	J	8.4	-19	163	-7.1	2.8	-1.8	3	J
577	6.6	140	J	7.6	-10	159	-6.7	2.8	-0.4	2	J
588	6.2	283	J	7.2	-18	172	-6.5	1.6	-1.6	2	J
593	6.6	327	J	6.6	-12	152	-4.7	2.7	0.0	4	J
566	6.0	123	J	7.2	-13	149	-5.5	3.6	0.2	3	J
571	5.8	134	J	7.3	-4	142	-5.5	4.0	1.7	2	J
576	6.5	197	J	5.9	9	141	-3.2	1.9	1.9	4	J
585	6.3	241	J	6.5	-27	159	-4.1	2.5	-1.0	4	J
585	5.1	219	J	6.7	-10	166	-5.8	1.8	-0.1	3	J
578	4.6	116	J	7.8	-4	162	-7.2	2.2	0.9	2	J
				MAR. 7, 1987							66
534	7.8	197	J	6.4	-17	154	-5.1	3.0	-0.1	2	J
554	8.4	145	J	6.6	-25	152	-3.6	2.6	-0.6	5	J
582	8.2	155	J	5.7	55	38	1.9	-0.4	3.7	4	J
576	7.5	190	J	6.0	-28	163	-4.6	2.4	-1.6	3	J
586	8.6	191	J	5.7	4	133	-3.0	2.8	1.6	4	J
641	4.3	140	J	6.1	-12	143	-4.1	3.3	-0.4	3	J
				5.4	5	134	-3.4	3.3	1.1	2	J
632	3.5	93	J	5.0	-2	195	-4.3	-1.1	-0.4	2	J
646	3.6	165	J	4.6	14	177	-2.5	-0.0	0.6	4	J
641	3.3	137	J	4.3	19	160	-2.8	0.7	1.2	3	J
682	3.4	167	J	4.9	73	73	0.4	-0.0	4.6	2	J
663	3.6	217	J	4.3	38	113	-1.1	1.7	2.9	2	J
659	3.4	235	J	4.2	15	107	-1.1	2.9	2.2	2	J
645	3.2	186	J	4.2	17	107	-1.0	2.5	2.3	2	J
				4.1	15	106	-0.8	2.0	1.9	3	J
627	3.1	132	J	3.8	26	108	-0.7	1.4	2.2	3	J
623	3.1	108	J	4.6	-15	137	-3.0	2.9	0.6	2	J
604	3.5	116	J	5.1	6	138	-3.7	2.5	2.3	1	J
596	3.5	181	J	4.9	4	136	-3.4	2.5	2.1	1	J
578	3.0	125	J	4.6	7	130	-2.8	2.5	2.3	1	J

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MAR. 8, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	567	2.9	77	J	4.0	-3	174	-3.7	0.4	0.1	2	J
2	568	3.0	81	J	3.8	-18	164	-3.2	1.4	-0.4	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11	562	6.0	135	J	5.9	60	236	-1.6	-3.4	4.4	1	
12	550	5.5	151	J	4.0	54	67	0.7	1.1	2.8	3	J
13	551	5.0	147	J	4.0	57	336	1.4	-1.2	2.2	3	J
14	544	4.1	157	J	3.8	12	336	1.5	-0.7	0.2	3	J
15	519	5.4	121	J	2.7	-39	220	-1.4	-0.7	-1.7	2	J
16	510	6.0	55	J	4.3	-20	253	-1.1	-2.9	-2.5	2	J
17					3.1	-21	137	-2.0	2.2	-0.3	1	J
18												
19	512	7.7	86	J	5.7	20	96	-0.4	3.0	3.3	4	J
20	536	5.3	128	J	5.9	31	64	1.4	1.5	3.1	5	J
21					4.4	11	118	-1.8	2.4	2.4	2	J
22	564	4.4	112	J	3.9	5	121	-1.3	1.7	1.4	3	J
23	568	4.6	89	J	4.5	59	75	0.5	-0.3	4.0	2	J
24	565	4.3	74	J	4.5	10	126	-2.4	2.3	2.4	2	J

MAR. 9, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
559	4.1	69	J	5.3	-10	136	-3.6	3.4	1.2	2	J	
568	4.3	75	J	5.6	-30	186	-4.0	0.9	-2.2	3	J	
569	5.7	97	J	5.1	27	225	-2.8	-3.5	0.4	2	J	
555	5.3	115	J	5.7	3	224	-3.6	-3.2	-1.3	2	J	
523	4.4	137	J	4.1	-6	148	-3.4	2.1	0.1	1	J	
527	4.8	135	J	3.5	20	116	-1.2	2.2	1.6	2	J	
515	4.9	85	J	3.7	15	66	1.3	2.5	1.6	2	J	
508	4.7	89	J	3.0	64	54	0.6	0.1	2.4	2	J	
511	4.5	77	J	3.9	24	48	2.0	1.6	2.1	2	J	
506	4.7	79	J	4.3	7	73	1.1	3.2	2.0	2	J	
506	4.8	78	J	4.2	-11	115	-1.5	3.1	0.9	2	J	
500	5.2	76	J	3.9	-4	119	-1.9	3.1	1.5	0	J	
490	5.7	154	J	3.6	15	131	-1.4	1.0	1.3	3	J	
497	5.0	71	J	3.7	18	109	-1.1	2.0	2.7	1	J	
498	5.6	81	J	3.6	44	79	0.3	0.4	2.1	3	J	
511	6.9	77	J	3.8	2	95	-0.3	2.3	1.7	3	J	

MAR. 10, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	510	7.3	71	J	4.3	-4	109	-0.6	1.6	0.9	4	J
2	469	7.6	74	J	4.3	-12	140	-3.1	2.7	0.7	1	J
3	481	7.0	68	J	4.0	23	49	1.4	0.9	1.6	3	J
4	478	7.5	66	J	5.5	31	345	4.1	-2.2	1.8	2	J
5	493	9.9	104	J	3.8	-2	227	-1.9	-1.8	-0.9	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 16, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
433	7.7	110	J	4.3	-34	193	-3.3	0.6	-2.3	1	J	
439	8.3	111	J	4.4	-39	187	-3.0	1.0	-2.3	2	J	
432	8.4	102	J	4.5	10	133	-2.8	2.2	2.1	2	J	
436	8.6	91	J	4.5	31	119	-1.6	1.7	3.1	2	J	
436	8.9	97	J	4.5	37	201	-3.0	-2.0	1.7	2	J	
434	8.8	113	J	4.3	32	183	-3.2	-0.9	1.8	2	J	
436	9.0	109	J	4.7	1	166	-4.0	0.9	0.4	2	J	
445	8.4	72	J	5.3	-1	137	-3.6	3.3	0.7	2	J	
450	9.8	63	J	4.9	-63	207	-1.6	-0.0	-3.6	3	J	
446	9.1	60	J	4.4	-76	160	-0.7	0.9	-2.9	3	J	
448	9.3	54	J	5.2	-66	247	-0.7	-0.8	-4.4	2	J	
444	8.5	56	J	6.1	-56	189	-2.0	0.4	-3.1	5	J	
438	5.8	69	J	7.3	9	131	-4.6	4.8	2.4	1	J	
439	6.1	96	J	6.4	17	135	-4.1	3.4	2.9	2	J	
437	7.2	66	J	5.3	57	118	-1.0	0.7	3.8	4	J	
437	9.3	62	J	5.2	67	4	1.3	-1.1	2.9	4	J	
455	9.2	92	J	6.9	-22	147	-5.1	4.0	-0.6	2	J	
452	8.4	81	J	7.3	-19	156	-5.8	3.3	-0.6	3	J	
479	8.5	90	J	7.5	-25	142	-4.9	4.8	-0.4	3	J	
501	7.5	98	J	6.7	-31	128	-3.3	5.3	-0.3	3	J	
503	7.0	102	J	5.9	-24	120	-2.5	4.8	0.6	3	J	

MAR. 17, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3	508	7.7	86	J	6.0	-3	195	-5.4	-1.1	-1.0	2	J
4	508	7.2	88	J	6.3	-4	193	-6.0	-1.0	-1.0	1	J
5	490	8.7	143	J	6.4	-11	199	-5.8	-1.3	-1.9	1	J
6	481	9.0	178	J	5.7	3	167	-5.2	1.0	0.7	2	J
7	483	7.9	144	J	4.6	-30	187	-3.8	0.3	-2.2	1	J
8	458	7.1	65	J	6.1	4	151	-5.1	2.6	1.2	2	J
9	454	7.1	54	J	6.9	8	150	-5.8	3.0	1.7	1	J
10	450	6.8	53	J	7.1	-1	157	-6.4	2.7	0.5	1	J
11												
12	444	11.9	84	J								
13	438	11.5	113	J								
14	432	11.4	120	J	6.9	-4	152	-5.1	2.7	0.2	4	J
15	418	9.2	49	J	6.0	-4	156	-4.9	2.2	0.2	3	J
16	418	8.3	38	J	6.0	19	154	-4.9	1.8	2.5	1	J
17	413	8.6	46	J	5.1	-3	161	-4.2	1.5	0.3	2	J
18	411	8.0	42	J	5.2	-5	161	-4.6	1.6	0.2	1	J
19	429	8.3	49	J	4.6	-13	161	-4.0	1.6	-0.3	1	J
20	438	8.4	56	J	3.7	17	71	0.9	1.8	1.9	2	J
21	421	7.6	39	J	3.6	7	61	1.6	2.3	1.8	1	J
22	428	7.4	49	J	4.1	-5	103	-0.9	3.4	1.8	1	J
23	431	6.8	46	J	4.0	6	102	-0.7	2.5	2.1	2	J
24	425	7.9	47	J	3.8	24	94	-0.2	1.8	2.9	2	J
					3.0	39	47	1.3	0.3	2.1	2	J

MAR. 18, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
417	7.9	41	J	3.3	-4	180	-1.0	0.0	-0.1	3	J	
416	8.9	37	J	3.5	19	80	0.4	1.4	1.8	3	J	
413	9.5	41	J	5.7	-6	160	-5.1	2.0	0.1	1	J	
408	9.8	31	J	6.3	-15	170	-5.8	1.5	-1.2	2	J	
410	9.9	31	J	7.0	1	162	-6.5	2.0	0.7	2	J	
410	8.3	32	J	5.9	-7	169	-5.6	1.2	-0.4	1	J	
418	10.3	45	J	7.0	39	126	-3.0	3.1	5.0	2	J	
433	11.3	75	J	6.8	49	112	-1.6	2.8	5.6	2	J	
431	11.2	79	J	6.3	39	130	-3.0	2.7	4.5	2	J	
460	12.1	87	J	6.0	54	312	1.2	-1.8	2.1	5	J	
473	14.1	59	J	8.2	40	342	5.8	-3.1	4.4	2	J	
493	22.9	123	J	11.1	45	54	3.9	3.2	7.9	6	J	
500	13.7	180	J	9.9	-7	118	-3.4	6.2	1.3	7	J	
486	14.4	132	J	11.5	-12	137	-6.7	6.5	0.6	7	J	
494	17.3	155	J	8.1	22	105	-1.4	3.7	4.1	6	J	
493	17.1	138	J	8.3	-21	125	-3.2	5.1	0.3	6	J	
509	13.8	158	J	8.2	52	37	3.3	-0.6	5.8	5	J	
504	9.4	205	J	7.2	23	92	-0.2	2.7	4.0	5	J	
502	8.6	113	J	6.7	-23	235	-3.0	-2.3	-4.3	4	J	
501	8.5	108	J	7.0	-21	207	-5.7	-1.0	-3.7	1	J	
498	7.8	96	J	6.6	-18	196	-5.9	-0.3	-2.6	1	J	

MAR. 19, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	498	7.7	99	J	6.7	-10	181	-6.3	0.5	-1.0	2	J
2	502	7.3	81	J	6.6	-1	158	-5.8	2.1	1.2	2	J
3	508	8.5	77	J	7.1	-12	153	-6.0	3.4	0.3	2	J
4	523	8.0	90	J	7.2	20	131	-3.5	2.7	3.6	4	J
5	527	8.5	150	J	5.8	37	91	-0.1	2.3	4.1	3	J
6												
7	561	4.0	173	J	7.3	7	189	-7.1	-1.3	0.5	1	J
8	568	3.6	108	J	6.4	7	187	-6.2	-0.9	0.5	1	J
9	527	5.1	121	J	4.9	-5	213	-3.8	-2.3	-1.0	2	J
10	509	6.0	85	J	3.9	11	198	-2.8	-1.0	0.4	3	J
11	512	6.0	93	J	4.1	1	169	-3.6	0.7	0.2	2	J
12	523	6.0	100	J	5.2	45	133	-1.1	0.8	1.8	5	J
13	549	4.4	126	J	5.7	0	156	-4.8	2.1	0.5	2	J
14	542	3.6	128	J	5.3	-2	167	-5.1	1.2	0.1	1	J
15	545	3.2	108	J	6.1	-4	162	-5.8	1.9	0.1	1	J
16	530	4.3	183	J	5.7	-4	162	-5.1	1.7	0.2	2	J
17	527	3.9	192	J	6.2	-10	154	-5.5	2.9	0.0	1	J
18	514	4.1	86	J	5.9	-6	148	-4.9	3.0	0.8	1	J
19	519	4.0	172	J	4.9	-7	156	-4.4	2.0	0.4	1	J
20	518	5.3	127	J	4.3	-9	174	-4.0	0.7	-0.3	1	J
21	518	5.6	107	J	4.5	-19	189	-4.1	0.2	-1.6	1	J
22	504	4.9	57	J	4.7	-1	194	-4.3	-0.8	-0.7	2	J
23	507	4.2	59	J	4.4	10	188	-4.1	-0.9	0.3	1	J
24	501	4.7	58	J	4.8	10	174	-4.2	-0.1	0.9	2	J

MAR. 20, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
502	4.0	69	J	4.9	10	146	-3.9	1.7	2.2	1	J	
502	3.4	57	J	4.8	16	162	-4.3	0.5	1.8	1	J	
497	4.0	56	J	4.8	8	162	-4.4	0.9	1.3	1	J	
494	4.5	65	J	5.2	-1	152	-4.6	2.2	1.0	1	J	
493	4.5	64	J	5.7	0	152	-4.9	2.4	1.1	1	J	
443	6.8	102	J	5.2	-5	157	-4.6	2.0	0.0	1	J	
438	7.5	152	J	5.2	0	158	-4.8	1.9	0.4	0	J	
431	7.6	116	J	5.1	-1	148	-4.2	2.6	0.5	1	J	
430	7.9	78	J	5.2	6	129	-3.1	3.6	1.4	2	J	
420	7.9	56	J	5.5	2	144	-4.4	3.0	1.0	1	J	
422	13.0	32	J	5.8	4	340	5.3	-2.0	-0.2	0	J	
418	12.2	38	J	5.5	18	348	3.2	-1.0	0.8	4	J	
411	12.1	49	J	5.0	36	133	-2.5	1.5	3.5	2	J	
405	11.3	60	J	5.6	3	164	-5.4	1.3	0.9	1	J	
399	12.1	66	J	5.9	2	169	-5.8	0.9	0.7	1	J	
398	14.2	72	J	6.6	4	162	-6.3	1.5	1.4	1	J	
396	13.1	87	J	5.8	17	172	-5.2	-0.3	1.7	2	J	
392	14.0	77	J	5.8	6	162	-5.1	1.1	1.4	2	J	
388	14.7	80	J	5.9	4	156	-4.9	1.6	1.6	2	J	
396	15.6	56	J	6.4	30	121	-2.6	1.9	4.8	3	J	

MAR. 21, 1987 (80)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	399	14.9	53	J	6.7	43	106	-1.1	1.1	5.2	4	J
2	402	11.1	52	J	8.2	-4	140	-6.0	4.5	2.2	2	J
3	398	14.4	55	J	7.1	-17	108	-2.0	6.4	1.4	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12	416	22.9	93	J	9.6	11	255	-1.2	-4.7	-0.1	8	J
13	457	19.1	114	J	8.9	9	269	-0.1	-7.8	-0.6	4	J
14	485	14.7	130	J	8.6	-5	290	1.8	-4.8	-1.7	7	J
15	507	12.1	146	J	10.6	-33	274	0.5	-5.0	-6.0	7	J
16	489	12.2	177	J	9.6	-61	155	-3.2	3.5	-5.4	6	J
17	489	12.4	197	J	7.8	-41	168	-4.1	2.2	-3.0	6	J
18	504	10.5	159	J	7.6	-5	162	-4.7	1.6	0.3	6	J
19	522	9.6	164	J	7.7	27	223	-2.8	-3.2	0.5	6	J
20	507	6.7	78	J	9.2	-11	155	-7.0	3.6	0.4	5	J
21	521	7.0	126	J	9.8	-7	147	-6.9	4.3	1.6	5	J
22	533	8.2	197	J	9.2	21	135	-5.2	2.7	5.3	5	J
23	532	8.2	131	J	9.5	-23	164	-8.1	4.0	-1.6	3	J
24	550	8.1	131	J	9.1	-31	171	-7.5	3.5	-3.1	2	J

MAR. 22, 1987 (81)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	564	7.4	168	J	7.5	10	144	-4.8	2.3	2.8	4	J
2	574	6.1	127	J	6.4	-4	138	-3.7	3.0	1.5	4	J
3	596	5.2	121	J	5.9	8	96	-0.5	3.8	2.9	3	J
4	609	4.7	107	J	5.9	28	82	0.7	3.0	4.4	2	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	548	4.1	134	J	4.7	10	139	-3.3	2.6	1.5	2	J
15	546	4.0	125	J	5.2	8	137	-3.5	3.0	1.6	1	J
16	555	4.2	124	J	5.4	7	135	-3.2	2.9	1.6	3	J
17	531	4.7	148	J	6.1	12	160	-5.4	1.4	1.9	1	J
18	525	4.6	126	J	5.9	-15	186	-5.2	0.1	-1.5	2	J
19	519	4.5	75	J	6.1	2	195	-5.4	-1.4	-0.5	2	J
20	582	4.2	96	J	5.6	-23	189	-4.6	0.4	-2.1	2	J
21	625	3.8	151	J	4.6	-11	190	-4.3	-0.2	-1.1	1	J
22	637	4.0	171	J	6.6	-38	195	-4.3	1.0	-3.5	3	J
23	648	4.5	236	J	6.8	3	144	-3.8	2.1	1.8	5	J
24	684	4.6	229	J	6.8	21	92	-0.2	3.4	5.0	3	J

MAR. 23, 1987 (82)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	661	4.0	169	J	7.6	7	119	-3.4	4.6	4.1	3	J
2	650	3.9	175	J	8.1	15	119	-3.6	4.5	5.1	3	J
3	652	4.3	153	J	8.4	22	101	-1.4	4.7	6.1	3	J
4	632	5.3	117	J	8.0	10	93	-0.4	6.0	4.6	2	J
5	628	5.2	103	J	8.2	10	99	-1.2	6.5	4.5	2	J
6					8.3	19	91	-0.1	6.3	5.3	1	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 28, 1987 (87)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					4.5	-18	166	-3.6	1.2	-0.9	2	J
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 29, 1987 (88)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	526	4.5	70	J	4.7	21	66	1.7	2.4	3.5	1	J
2	524	5.0	73	J	4.4	19	75	0.9	2.2	2.8	2	J
3	525	5.3	81	J	3.9	13	85	0.3	2.4	2.2	2	J
4	514	5.0	67	J	3.1	56	84	0.2	0.3	2.7	2	J
5	511	4.9	64	J	3.8	53	123	-1.1	0.5	3.3	2	J
6	507	4.9	61	J	4.1	15	135	-2.5	2.0	1.8	2	J
7	510	4.1	56	J	4.9	-39	137	-2.2	2.7	-1.6	3	J
8												
9	514	3.9	86	J	4.4	-28	155	-3.3	1.9	-1.5	1	J
10	516	4.0	99	J	3.8	-27	131	-1.8	2.3	-0.9	2	J
11	512	4.1	78	J	2.7	-14	125	-1.0	1.5	-0.1	2	J
12	510	4.1	86	J	3.2	32	81	0.3	1.8	1.8	2	J
13	482	4.9	99	J	3.6	17	115	-1.3	2.4	1.5	2	J
14	475	4.7	75	J	4.2	15	106	-1.1	3.4	2.0	1	J
15	460	4.4	62	J	4.7	7	117	-2.0	3.7	1.7	1	J
16	443	4.6	135	J	4.5	-15	157	-3.7	1.9	-0.5	1	J
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 30, 1987 (89)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3	417	5.7	39	J	3.0	21	47	1.8	1.2	1.8	1	J
4	413	5.5	35	J	2.8	-3	97	-0.3	1.9	0.8	2	J
5	413	5.3	42	J	2.3	-2	164	-1.9	0.5	0.2	1	J
6	410	5.9	38	J	2.4	-13	94	-0.1	1.7	0.2	2	J
7	401	5.3	46	J	3.0	-13	145	-2.1	1.6	-0.1	1	J
8	394	6.6	58	J	2.7	-20	137	-1.7	1.8	-0.4	1	J
9	383	7.4	52	J	3.4	1	153	-2.7	1.3	0.4	1	J
10	378	8.8	41	J	3.3	12	134	-2.1	2.0	1.1	1	J
11	381	10.1	39	J	3.4	-1	121	-1.3	2.1	0.4	2	J
12												
13	376	10.6	29	J	4.4	-4	230	-2.7	-3.1	-1.0	1	J
14	376	11.3	27	J	4.7	-15	255	-1.2	-3.9	-2.2	1	J
15	382	11.3	32	J	5.3	-20	260	-0.7	-3.2	-2.4	3	J
16	370	9.0	28	J	5.9	-23	192	-5.1	-0.3	-2.5	1	J
17	371	8.5	32	J	5.6	-26	174	-4.9	1.4	-2.0	1	J
18	363	10.8	44	J	4.0	11	114	-1.4	2.5	2.0	2	J
19	372	9.9	31	J	4.8	17	73	1.1	2.7	2.8	3	J
20	371	9.6	30	J	4.9	0	79	0.8	3.4	2.0	3	J
21	370	11.5	24	J	5.6	84	40	0.4	-2.2	4.0	3	J
22	376	11.7	30	J	8.0	55	78	0.9	0.0	7.6	2	J
23	369	11.3	28	J	9.2	15	94	-0.6	5.8	6.8	2	J
24	368	12.6	28	J	6.9	4	102	-1.4	5.1	4.1	2	J

MAR. 31, 1987 (90)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	367	10.1	37	J	6.9	-6	114	-2.7	5.5	2.8	2	J
2	361	8.4	50	J	6.8	-17	126	-3.8	5.4	1.1	1	J
3	360	7.6	59	J	6.1	-34	134	-3.3	4.5	-1.1	2	J
4												
5												
6	337	7.1	22	J	6.2	-23	140	-4.4	4.3	-1.0	1	J
7	341	7.2	21	J	5.8	-32	143	-3.9	3.7	-2.0	1	J
8	340	7.2	24	J	5.6	-20	145	-4.2	3.4	-1.0	1	J
9	336	7.4	25	J	5.5	-19	144	-4.1	3.3	-1.0	1	J
10	331	8.3	33	J	5.9	-14	140	-4.2	3.7	-0.6	2	J
11	333	8.6	28	J	6.2	-12	133	-4.1	4.6	-0.4	1	J
12	328	9.9	39	J	6.1	-13	138	-4.3	4.1	-0.5	1	J
13	330	9.8	50	J	5.9	-14	143	-4.6	3.7	-0.6	1	J
14	334	13.7	47	J	4.2	-21	150	-3.4	2.3	-1.0	0	J
15	321	22.0	16	J	1.4	-64	31	0.5	0.7	-1.1	0	J
16	319	21.2	15	J	1.1	-54	12	0.5	0.3	-0.7	1	J
17	315	21.5	13	J	1.2	-27	346	1.0	-0.0	-0.6	0	J
18	312	21.4	13	J	1.4	19	341	1.2	-0.5	0.2	1	J
19	310	21.2	14	J	1.5	37	351	1.1	-0.6	0.7	1	J
20	308	19.9	19	J	1.5	33	348	1.1	-0.6	0.5	1	J
21	306	18.5	15	J	1.7	19	31	1.2	0.4	0.8	1	J
22	310	21.4	17	J	1.4	-3	5	1.2	0.1	0.0	1	J
23	309	22.3	15	J	1.5	29	342	0.3	-0.2	0.1	1	J
24	321	22.0	21	J	4.3	33	134	-2.3	0.7	3.1	2	J

APR. 1, 1987 (91)

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	331	24.3	21	J	4.3	-29	98	-0.4	2.9	0.2	3	J
2	342	11.4	28	J	7.7	-5	283	1.6	-5.6	-4.2	3	J
3	350	12.6	42	J	7.5	-6	285	1.9	-5.7	-4.0	2	J
4	351	13.6	47	J	8.4	-32	292	2.6	-3.8	-6.8	2	J
5	353	15.8	29	J	8.5	-11	284	2.0	-6.6	-4.6	2	J
6												
7												
8	355	8.2	51	J	10.3	-14	332	8.7	-3.8	-3.6	1	J
9	354	7.7	46	J	10.0	-18	322	7.3	-4.8	-4.2	2	J
10	349	7.1	44	J	9.0	1	319	6.7	-5.7	-1.1	2	J
11	331	7.3	26	J	7.8	8	317	5.6	-5.3	0.0	1	J
12	328	8.6	32	J	7.4	10	320	5.5	-4.8	0.3	1	J
13	333	9.9	23	J	7.2	2	295	3.0	-6.3	-1.2	2	J
14	327	10.3	29	J	7.1	30	330	4.9	-3.5	2.5	3	J
15	327	10.3	32	J	6.7	12	312	4.2	-4.8	-0.1	2	J
16	326	9.9	33	J	6.3	0	307	3.6	-4.5	-1.6	2	J
17	323	10.4	38	J	5.7	-12	318	4.0	-2.9	-2.4	1	J
18	321	9.9	34	J	5.6	-27	308	3.1	-2.5	-4.0	1	J
19	317	10.0	48	J	5.4	-6	323	4.1	-2.4	-1.9	2	J
20	320	9.7	44	J	5.5	6	323	4.3	-3.1	-1.2	1	J
21	319	11.3	47	J	4.9	16	1	4.4	-0.6	1.1	2	J
22	319	11.3	37	J	4.6	22	11	4.0	-0.3	1.8	1	J
23	314	10.8	42	J	4.6	8	355	4.4	-0.7	0.3	1	J
24	312	11.1	48	J	4.4	7	341	4.0	-1.4	-0.3	1	J

APR. 2, 1987 — 92

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	313	11.4	46	J	4.7	4	339	4.4	-1.6	-0.6	1	J
2	314	12.2	37	J	4.9	-12	320	3.6	-2.1	-2.4	1	J
3	313	12.0	33	J	5.0	-21	324	3.6	-1.5	-2.8	1	J
4	317	13.0	28	J	4.7	-22	312	2.5	-1.8	-2.6	2	J
5	325	14.8	24	J	4.0	3	304	2.1	-3.0	-1.1	1	J
6												
7												
8												
9												
10					4.9	-26	197	-4.2	-0.8	-2.4	1	J
11	328	12.3	26	J	4.2	-37	186	-3.3	0.2	-2.5	1	J
12	331	11.3	22	J	4.3	-13	204	-3.7	-1.4	-1.3	1	J
13	326	12.6	25	J	3.6	8	230	-2.0	-2.5	-0.1	2	J
14	319	12.4	33	J	2.8	13	220	-1.9	-1.7	0.2	1	J
15					4.6	19	203	-3.5	-1.8	0.8	2	J
16	323	10.0	27	J	4.5	-6	164	-4.2	1.3	-0.0	1	J
17												
18	320	11.3	23	J	4.0	-18	104	-0.9	3.6	0.4	1	J
19	312	10.4	20	J	4.0	-8	120	-1.9	3.2	1.1	1	J
20	327	9.9	23	J	4.0	44	37	2.0	0.1	2.8	2	J
21	327	9.5	21	J	3.9	26	52	2.0	1.3	2.8	1	J
22	326	10.0	22	J	3.8	37	44	2.1	0.5	2.9	1	J
23	319	10.5	20	J	3.7	17	93	-0.2	2.1	2.7	1	J
24	318	10.5	19	J	3.9	30	91	-0.1	1.5	3.1	2	J

APR. 3, 1987 — 93

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
320	8.7	19	J	4.3	50	333	2.0	-2.3	1.7	3	J
316	8.9	17	J	4.5	64	342	1.8	-2.6	3.1	1	J
314	9.6	18	J	4.9	78	135	-0.7	-1.6	4.2	2	J
308	9.7	19	J	5.2	56	162	-2.7	-1.1	4.2	1	J
308	8.3	20	J	5.5	53	162	-3.1	-0.8	4.4	0	J
307	13.3	18	J	5.2	71	228	-1.1	-2.3	4.5	1	J
301	12.2	13	J	5.4	61	220	-2.0	-2.8	4.2	1	J
303	13.1	13	J	5.3	70	201	-1.7	-2.0	4.5	1	J
299	12.5	12	J	5.0	49	210	-2.8	-2.7	3.0	1	J
293	11.6	14	J	5.1	32	226	-2.9	-3.7	1.3	2	J
293	10.8	11	J	5.0	43	233	-2.2	-4.0	1.8	1	J
287	10.4	11	J	4.5	47	231	-1.9	-3.7	1.8	1	J
285	11.3	14	J	4.4	54	210	-2.1	-2.8	2.3	1	J
279	10.0	14	J	4.7	42	203	-2.7	-2.4	1.6	2	J
285	9.0	15	J	4.5	56	135	-1.8	-0.6	4.1	0	J
278	9.4	15	J	4.4	46	195	-2.7	-2.2	2.0	2	J
272	9.5	15	J	4.5	23	207	-3.5	-2.4	0.4	1	J

APR. 4, 1987 — 94

1	284	11.1	15	J	3.9	67	239	-0.7	-2.8	2.1	2	J
2	284	10.9	18	J	3.9	64	196	-1.6	-2.1	2.6	1	J
3	279	10.8	19	J	3.8	36	177	-2.4	-0.7	1.6	2	J
4	325	30.5	71	J	7.3	45	144	-3.4	0.3	4.8	5	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	386	40.3	67	J	14.1	-35	79	2.1	12.4	-4.9	4	J
15	381	38.0	67	J	13.6	-20	95	-1.0	12.5	-0.8	5	J
16	368	35.1	91	J	12.1	28	107	-3.0	7.5	8.3	3	J
17	379	23.3	85	J	12.4	53	56	3.6	1.7	9.8	7	J
18	379	21.0	62	J	12.6	49	47	5.5	1.4	10.9	3	J
19	386	20.8	72	J	12.6	47	33	7.1	-0.2	10.2	3	J
20	386	19.7	63	J	12.9	47	24	8.0	-1.7	9.9	2	J
21	384	15.8	89	J	10.5	40	42	5.7	0.9	8.3	3	J
22	383	16.6	90	J	11.6	29	53	6.1	3.6	9.1	2	J
23	383	19.9	101	J	10.2	28	61	4.1	3.6	7.8	4	J
24	372	14.9	96	J	11.7	-3	102	-2.3	9.5	5.7	4	J

APR. 5, 1987 — 95

372	15.9	80	J								
375	20.9	83	J	8.4	1	94	-0.6	6.8	4.3	3	J
393	26.4	100	J	10.5	-24	93	-0.5	9.6	0.8	4	J
400	18.0	68	J	15.9	-18	91	-0.2	14.6	2.1	5	J
409	17.0	67	J	13.4	41	1	10.0	-3.3	8.0	2	J
				12.7	17	307	6.8	-9.6	0.1	5	J

APR. 10, 1987 — 100

1											
2											
3											
4											
5											
6					6.6	-13	190	-6.0	-0.5	-1.7	2	J
7	455	5.0	47	J	6.3	-9	186	-6.1	-0.3	-1.1	1	J
8	453	4.2	58	J								
9	442	4.4	61	J								
10	457	3.7	36	J	6.2	2	176	-6.1	0.4	0.3	1	J
11	433	4.5	73	J	5.8	7	169	-5.6	0.9	0.9	1	J
12	439	4.2	55	J								
13	411	3.8	45	J	4.6	6	175	-4.4	0.3	0.5	1	J
14	410	3.7	49	J	4.1	-2	176	-3.7	0.3	-0.1	1	J
15	407	2.8	48	J	3.9	-2	173	-3.4	0.4	-0.0	1	J
16	408	3.3	52	J	4.7	-1	172	-4.3	0.6	0.1	1	J
17												
18												
19	394	6.1	73	J	4.9	-2	162	-4.4	1.3	0.5	2	J
20	396	5.3	48	J	5.0	-4	150	-4.1	2.2	0.9	1	J
21	392	5.4	40	J	4.7	10	129	-2.2	2.0	1.9	3	J
22	404	6.2	39	J	4.6	31	90	0.0	1.4	2.9	3	J
23	407	6.4	32	J	4.3	41	71	1.1	1.0	4.0	0	J
24												

APR. 11, 1987 — 101

424	5.7	45	J	3.1	39	79	0.3	0.8	2.1	2	J
440	4.9	83	J	3.0	-11	179	-2.6	0.3	-0.4	1	J
435	5.1	78	J	2.6	3	187	-2.2	-0.3	-0.0	2	J
431	5.9	68	J	2.1	40	152	-0.9	0.1	1.0	2	J
418	6.3	37	J	3.6	9	208	-3.0	-1.7	-0.0	1	J
412	6.5	35	J	3.3	-18	212	-2.5	-1.2	-1.4	1	J
413	7.0	41	J	2.0	-43	262	-0.1	-0.7	-1.2	2	J
413	6.8	44	J	3.3	-24	180	-2.6	0.3	-1.2	2	J
412	5.6	33	J	4.3	-26	166	-3.6	1.2	-1.6	1	J
412	5.6	36	J	4.4	-19	161	-3.7	1.5	-1.1	2	J
411	6.1	33	J	4.3	-46	196	-2.7	-0.2	-3.0	2	J
419	6.7	41	J	3.5	-79	125	-0.4	1.2	-3.1	1	J
412	7.0	34	J	3.9	-73	148	-0.9	1.3	-3.2	1	J
410	6.8	35	J	3.5	-71	181	-1.0	0.8	-2.8	2	J
409	6.4	32	J	3.7	-34	80	0.5	3.1	-0.9	2	J
410	6.6	36	J	4.0	-9	50	2.5	3.0	0.5	1	J
409	6.9	45	J	3.0	2	61	1.1	1.8	0.9	2	J
408	6.9	51	J	3.0	20	11	2.4	0.0	1.0	2	J

APR. 12, 1987 — 102

1											
2											
3											
4	362	8.5	52	J	4.6	-24	171	-4.2	1.4	-1.4	0	J
5	365	8.3	44	J	4.3	-23	186	-3.3	0.2	-1.4	2	J
6	365	8.9	43	J	3.8	6	125	-1.9	2.5	1.3	2	J
7	361	8.9	43	J	3.6	33	110	-0.9	1.8	2.2	2	J
8	350	8.3	49	J	3.5	0	137	-2.4	2.2	0.6	1	J
9	346	8.2	49	J	3.8	4	143	-2.8	2.0	0.7	1	J
10	343	7.7	42	J	3.9	2	150	-3.3	1.8	0.5	1	J
11	348	7.4	42	J	3.9	-26	139	-2.4	2.4	-1.2	1	J
12	353	8.5	42	J	3.7	-43	142	-2.1	2.0	-2.1	1	J
13	364	12.6	28	J	3.8	6	53	1.8	2.3	0.8	2	J
14	354	11.7	34	J	3.4	22	117	-0.7	1.2	0.9	3	J
15	336	11.1	21	J	4.2	26	127	-2.1	2.2	2.3	2	J
16	342	11.7	26	J	4.3	23	110	-1.2	2.6	2.4	2	J
17	343	13.7	22	J	4.1	1	99	-0.6	3.6	1.5	1	J
18	340	14.9	20	J	3.4	-10	128	-1.9	2.4	0.5	1	J
19	337	16.7	16	J	3.0	-27	117	-1.2	2.6	-0.1	1	J
20	336	17.3	17	J	2.5	7	130	-1.3	1.2	1.0	1	J
21	331	15.2	15	J	3.2	57	209	-1.4	-1.9	1.7	1	J
22	332	18.3	13	J	3.3	52	238	-0.9	-2.5	1.1	2	J
23												
24												

APR. 13, 1987 — 103

344	15.1	28	J	1.8	-42	202	-1.0	-0.1	-1.1	1	J
351	22.9	33	J	4.0	7	204	-1.9	-0.9	0.0	4	J
357	31.6	28	J	5.1	-56	106	-0.5	2.3	-2.3	4	J
361	28.3	29	J	7.6	9	94	-0.3	3.5	1.2	7	J
356	17.3	32	J	9.6	18	113	-3.4	7.4	4.2	3	J
350	15.0	35	J	9.7	31	131	-5.4	5.2	6.0	1	J
365	8.2	37	J	11.2	28	126	-5.8	6.8	6.7	2	J
370	8.4	20	J	11.2	31	116	-4.1	6.9	7.3	3	J
360	7.2	22	J	11.1	6	107	-3.1	9.6	3.8	3	J
369	11.7	27	J	10.4	-44	322	5.7	-2.1	-8.1	2	J
372	17.1	35	J	9.8	-62	357	4.2	2.7	-7.5	4	J
352	9.1	27	J	10.5	-41	92	-0.3	9.7	-2.9	3	J
343	10.9	29	J	10.4	3	120	-4.6	6.9	4.1	5	J
376	9.8	30	J	9.5	-45	97	-0.8	8.8	-2.4	2	J
380	9.9	32	J	9.6	-40	83	0.9	9.2	-1.4	3	J
377	8.4	25	J	9.8	-22	81	1.4	9.4	1.8	1	J
377	9.2	25	J	8.7	-3	87	0.4	7.4	4.3	2	J
373	7.9	34	J	7.3	-19	112	-2.6	6.6	1.5	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 14, 1987							104
1	367	5.4	37	J	7.9	-8	126	-4.5	5.9	2.4	1	J
2	363	5.3	34	J	8.2	-9	130	-5.1	5.9	2.0	1	J
3	364	6.3	39	J	8.2	5	128	-5.0	5.4	3.6	1	J
4	365	7.1	37	J	8.1	12	128	-4.8	4.9	4.1	1	J
5	373	8.4	23	J	7.8	16	112	-2.8	5.6	4.5	1	J
6												
7												
8												
9	374	12.5	22	J	6.3	22	96	-0.6	5.1	3.5	1	J
10	374	18.2	26	J	3.0	36	107	-0.4	1.2	1.4	2	J
11	373	19.8	21	J	3.1	13	117	-1.1	2.0	0.9	2	J
12					4.4	-81	28	0.2	0.3	-1.1	4	J
13					3.4	-29	295	1.3	-2.3	-2.1	1	J
14					5.5	-17	137	-2.7	2.7	-0.5	5	J
15	351	11.6	32	J	6.5	-21	136	-4.3	4.6	-1.1	2	J
16	338	9.4	19	J	6.2	-23	162	-5.3	2.4	-1.7	1	J
17	337	8.4	18	J	6.2	-20	163	-5.4	2.3	-1.3	1	J
18	332	8.5	20	J	5.9	-6	155	-5.3	2.5	0.5	1	J
19	340	8.7	28	J	5.6	7	129	-3.4	3.4	2.5	2	J
20	343	7.9	31	J	5.4	-4	119	-2.6	4.2	2.0	1	J
21	344	9.4	32	J	4.8	-33	136	-2.7	3.4	-0.7	2	J
22	338	7.8	21	J	5.3	-14	137	-3.3	3.2	0.7	2	J
23	348	8.6	29	J	5.6	-6	116	-2.4	4.5	2.2	1	J
24	349	8.6	44	J	5.8	-18	134	-3.7	4.2	0.6	2	J
					APR. 15, 1987							105
	340	9.2	28	J	6.4	-32	176	-5.3	2.1	-2.6	1	J
	334	8.1	18	J	6.3	-16	165	-5.8	2.2	-0.7	1	J
	336	6.6	17	J	5.9	1	146	-4.9	2.9	1.6	1	J
	336	7.0	17	J	5.7	5	149	-4.9	2.4	1.7	1	J
	341	8.3	30	J	6.3	15	152	-5.4	2.0	2.6	1	J
	363	11.2	27	J	3.4	-38	79	0.5	2.7	-1.5	1	J
	365	13.7	21	J	3.1	-34	76	0.6	2.7	-1.2	1	J
	371	17.6	25	J	2.8	-27	71	0.6	2.0	-0.6	2	J
	373	17.9	25	J	2.7	-5	88	0.1	2.5	0.3	1	J
	375	20.2	26	J	4.4	-33	80	0.6	4.0	-1.3	1	J
	386	9.6	29	J	6.3	2	99	-0.8	4.7	1.7	4	J
	390	6.2	28	J	6.7	37	145	-4.3	1.4	4.8	1	J
	402	8.7	44	J	6.1	-3	120	-3.0	4.9	1.8	1	J
					6.6	-25	105	-1.5	6.2	0.1	2	J
					7.8	-35	101	-1.2	7.4	-0.8	2	J
					8.6	-15	116	-3.6	7.4	2.0	1	J
					8.8	14	122	-4.3	4.7	5.4	3	J
					9.0	39	132	-4.1	1.1	6.7	4	J
					9.0	31	133	-4.9	2.1	6.5	3	J
					APR. 16, 1987							106
1					9.3	-2	117	-4.1	7.0	3.9	2	J
2					9.0	4	121	-4.5	6.2	4.3	2	J
3					8.7	-10	104	-2.0	7.7	2.4	3	J
4					8.4	-3	104	-1.9	7.2	2.9	2	J
5					8.3	-9	109	-2.6	7.5	1.6	2	J
6												
7												
8												
9												
10												
11												
12												
13					5.7	20	89	0.1	4.0	2.4	3	J
14					6.0	8	106	-1.6	5.2	2.0	1	J
15					6.0	12	113	-2.1	4.6	2.4	2	J
16					5.4	52	114	-1.3	1.5	4.6	2	J
17					5.2	-14	222	-3.5	-2.5	-2.2	2	J
18					5.7	8	142	-4.2	2.7	2.0	2	J
19					6.4	7	140	-4.9	3.3	2.5	1	J
20					6.4	3	143	-5.0	3.1	2.1	1	J
21					6.3	7	157	-5.6	1.6	1.9	1	J
22					6.3	0	145	-5.1	3.0	1.9	1	J
23					5.8	3	207	-4.3	-2.0	-1.0	3	J
24					6.2	2	194	-5.3	-1.2	-0.6	3	J
					APR. 17, 1987							107
					6.8	-12	167	-6.3	2.0	-0.4	1	J
					6.8	-1	142	-5.0	3.5	1.8	2	J
					6.4	-10	132	-4.0	4.5	1.1	2	J
					6.1	11	133	-3.7	3.2	2.6	3	J
					5.8	24	115	-2.2	3.5	3.9	1	J
					4.7	-27	75	0.9	3.6	-0.8	3	J
					4.9	-10	61	1.9	3.4	0.4	3	J
					APR. 22, 1987							112
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20					5.5	-8	114	-1.4	3.0	1.1	4	J
21												
22												
23												
24					4.2	17	158	-3.5	0.6	1.7	1	J
					APR. 23, 1987							113
	336	14.5	22	J	5.5	24	157	-4.5	0.6	2.8	2	J
	335	13.7	29	J	5.1	-5	173	-4.8	0.7	-0.1	1	J
	334	14.2	24	J	5.0	-25	172	-4.1	1.4	-1.5	2	J
	356	12.2	40	J	4.5	34	30	3.0	0.7	2.8	2	J
	364	8.4	47	J	5.2	25	25	3.0	0.8	1.9	4	J
	350	9.2	52	J	4.1	33	10	3.1	-0.1	2.1	2	J
	347	7.9	44	J	3.0	-13	38	2.1	1.8	-0.4	1	J
	354	9.1	55	J	3.0	-2	28	1.9	1.0	0.1	2	J
	357	9.5	58	J	3.6	-3	76	0.7	2.9	0.3	2	J
	361	9.5	41	J	4.2	17	59	1.8	2.7	1.5	2	J
	365	9.3	28	J	4.4	-1	73	1.2	4.0	0.7	1	J
	360	11.8	33	J	3.3	30	91	-0.0	2.2	2.1	1	J
	359	13.7	31	J	2.8	31	100	-0.3	1.5	1.7	2	J
	351	15.4	29	J	2.3	13	48	1.1	1.0	0.8	2	J
	346	16.4	22	J	2.5	38	76	0.5	1.1	2.1	1	J
	341	17.0	23	J	2.5	51	42	0.9	0.1	1.7	2	J
	341	18.6	23	J	2.7	44	342	1.4	-1.1	1.1	2	J
	338	20.2	19	J	2.8	80	47	0.3	-0.9	2.1	2	J
	335	20.7	14	J	2.3	46	128	-0.9	0.2	1.9	1	J
	331	20.9	14	J	1.8	34	116	-0.6	0.6	1.5	1	J
	329	24.4	18	J	2.1	25	143	-1.4	0.5	1.3	1	J
					APR. 24, 1987							114
1												
2												
3	329	26.5	15	J	4.8	12	281	0.9	-4.5	-1.1	1	J
4	327	25.3	15	J	5.5	-16	260	-0.9	-4.0	-3.2	1	J
5	329	25.2	14	J	6.8	-28	253	-1.7	-4.2	-4.8	2	J
6	335	29.6	14	J	6.8	-51	179	-3.0	1.1	-3.5	5	J
7												
8												
9												
10												
11												
12												
13	343	12.3	27	J	8.4	-50	242	-2.5	-3.6	-7.0	1	J
14	350	14.2	54	J	6.6	-47	267	-0.1	-1.6	-2.6	6	J
15	371	11.0	41	J	7.4	35	69	2.0	4.2	5.1	3	J
16	372	10.7	60	J	5.8	9	96	-0.5	4.7	2.2	3	J
17	372	10.4	55	J	4.8	-2	111	-1.5	3.8	1.2	2	J
18	370	10.8	68	J	4.9	-14	137	-3.3	3.3	0.1	2	J
19	375	9.5	54	J	5.8	-34	139	-3.6	4.2	-1.5	1	J
20	378	8.8	35	J	7.8	-34	136	-4.6	5.9	-1.7	1	J
21	373	11.2	37	J	7.6	-16	131	-4.7	5.7	0.9	1	J
22	361	14.4	45	J	6.7	-3	117	-2.9	5.0	2.6	2	J
23	363	16.0	50	J	5.8	12	111	-1.9	3.6	3.5	2	J
24	355	16.2	52	J	5.8	1	117	-2.3	3.9	2.4	3	J
					APR. 25, 1987							115
	344	16.6	52	J	5.7	1	138	-4.2	3.2	1.9	1	J
	352	17.8	60	J	5.6	-12	160	-4.9	2.1	-0.1	2	J
	346	16.9	57	J	5.0	-17	135	-3.3	3.6	0.1	1	J
	340	16.4	26	J	4.9	1	141	-3.3	2.5	0.8	2	J
	346	15.5	33	J	4.7	0	105	-1.0	3.7	0.9	2	J
	351	12.2	43	J	4.8	-21	95	-0.2	2.6	-0.4	4	J
	346	11.5	29	J	5.3	8	89	0.1	4.7	1.5	2	J
	370	12.2	38	J	5.9	33	339	4.4	-2.1	2.8	2	J
	367	10.5	39	J	5.1	43	66	1.3	2.4	3.3	3	J
	366	11.1	37	J	4.2	35	69	1.0	2.4	2.4	2	J
	371	12.5	24	J	4.1	48	67	1.0	1.9	3.2	1	J
	370	13.7	31	J	3.2	32	23	1.2	0.4	0.9	3	J
	368	13.6	39	J	4.1	-19	163	-3.3	1.2	-0.9	2	J
	366	11.0	35	J	4.6	-9	133	-2.3	2.5	0.2	3	J
	377	12.6	37	J	3.4	9	108	-0.9	2.5	1.4	2	J
	370	12.3	21	J	3.5	-1	80	0.4	2.1	0.8	3	J
					5.6	-21	184	-5.2	0.5	-2.0	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 26, 1987							116
1												
2												
3												
4												
5												
6												
7												
8	357	12.0	33	J	3.3	39	77	0.5	1.9	2.3	2	J
9	356	11.9	40	J	3.8	19	116	-1.0	1.8	1.1	3	J
10	354	11.9	44	J	3.4	41	126	-1.2	1.4	2.1	2	J
11	350	12.7	56	J	3.3	3	189	-3.1	-0.5	0.1	1	J
12	357	13.2	45	J	4.8	16	143	-3.0	2.1	1.4	3	J
13	364	15.2	35	J	4.6	31	185	-1.8	-0.3	1.0	4	J
14	374	16.5	44	J	3.7	47	91	-0.0	0.7	1.1	3	J
15	370	14.6	33	J	3.3	71	205	-0.5	-0.5	1.4	3	J
16	374	15.3	30	J	2.3	34	46	1.2	0.9	1.5	1	J
17	365	15.5	29	J	2.5	30	94	-0.1	1.4	1.7	1	J
18	355	13.9	33	J	2.4	17	141	-1.6	1.0	1.1	1	J
19	355	13.6	32	J	3.4	8	145	-2.4	1.4	1.1	1	J
20	351	13.6	34	J	3.4	29	133	-1.8	1.0	2.2	2	J
21	350	14.3	40	J	3.6	19	149	-2.8	0.9	1.8	1	J
22	350	15.0	40	J	3.8	-1	156	-3.5	1.4	0.7	1	J
23												
24	340	15.2	38	J	4.5	11	148	-3.6	1.5	1.8	1	J
					APR. 27, 1987							117
	343	15.7	48	J	4.2	11	148	-3.4	1.5	1.7	1	J
	365	27.4	25	J	5.0	-9	327	4.0	-2.5	-1.1	1	J
	360	27.2	29	J	4.9	-16	322	3.7	-2.7	-1.7	1	J
	363	20.7	19	J	7.6	1	317	5.6	-5.2	-0.5	1	J
	348	20.9	19	J	6.7	0	311	4.4	-5.0	-0.7	1	J
	343	23.6	38	J	6.7	-1	305	3.8	-5.3	-1.1	1	J
	339	19.9	26	J	5.5	-31	176	-1.7	0.4	-1.0	5	J
	368	12.0	34	J	6.3	20	79	1.0	4.4	3.5	3	J
	370	11.8	41	J	6.6	5	100	-0.9	4.7	2.4	4	J
	365	9.8	60	J	6.0	-5	180	-4.0	0.1	-0.3	5	J
	379	8.5	58	J	5.1	30	295	0.8	-2.0	0.2	5	J
	375	9.7	67	J	3.4	59	147	-0.8	-0.3	1.7	3	J
	374	9.3	40	J	4.6	24	144	-3.0	1.1	2.6	2	J
	373	6.9	59	J	4.9	50	139	-2.0	-0.1	3.6	3	J
	369	3.8	36	J	6.0	-15	157	-4.7	2.4	-0.2	3	J
					APR. 28, 1987							118
1	361	4.1	36	J	5.8	-9	144	-4.6	3.3	0.8	1	J
2	362	3.7	40	J	5.7	-1	145	-4.7	3.0	1.4	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	330	5.5	27	J	2.8	5	179	-2.6	0.0	0.2	1	J
13	326	6.1	26	J	2.9	20	170	-2.5	0.3	1.0	1	J
14	323	7.8	26	J	3.2	39	161	-2.2	0.4	2.0	1	J
15					2.9	20	139	-1.2	0.9	0.8	3	J
16	325	7.7	24	J	2.7	29	146	-1.5	0.7	1.3	2	J
17	312	8.1	22	J	3.0	38	148	-1.9	0.6	2.0	1	J
18	309	8.6	20	J	3.3	9	135	-2.2	1.9	1.3	1	J
19	313	8.3	18	J	3.5	-8	120	-1.6	2.8	0.8	1	J
20	316	9.2	18	J	3.8	-8	127	-2.3	2.9	0.9	1	J
21	315	9.6	20	J	3.9	-18	136	-2.7	2.8	0.2	1	J
22	316	9.4	22	J	3.7	-30	162	-2.9	1.7	-1.0	1	J
23	314	9.2	27	J	3.4	-24	166	-2.9	1.3	-0.8	1	J
24	316	7.9	27	J	3.5	-29	162	-2.9	1.7	-1.0	1	J
					APR. 29, 1987							119
	313	7.9	31	J	3.2	-17	174	-2.9	0.7	-0.6	1	J
	317	8.1	37	J	3.1	-12	186	-2.9	0.0	-0.7	1	J
	321	8.5	38	J	3.3	-6	191	-3.1	-0.4	-0.6	1	J
	326	18.1	25	J	3.5	84	75	0.1	-0.1	3.5	1	J
	322	15.9	22	J	4.3	77	177	-0.9	-0.6	4.0	1	J
	321	15.7	24	J	5.0	61	153	-2.0	0.2	4.1	2	J
	315	16.3	27	J	5.5	30	214	-3.7	-3.0	1.8	2	J
	316	16.3	34	J	4.8	17	184	-3.8	-0.6	1.0	3	J
	317	16.3	32	J	5.5	-16	151	-4.3	2.7	-0.4	2	J
	317	14.8	23	J	5.7	-37	176	-4.2	1.6	-2.8	2	J
	322	15.4	30	J	5.1	-50	140	-1.8	2.6	-1.8	4	J
	324	15.0	26	J	5.8	-28	116	-2.0	4.8	-0.1	3	J
	315	15.8	35	J	5.6	-1	137	-3.9	3.2	1.7	2	J
	311	16.4	31	J	6.0	22	178	-5.4	-0.9	2.0	2	J
	307	16.7	30	J	6.0	29	194	-4.8	-2.4	1.8	2	J
					APR. 30, 1987							120
1	318	16.2	27	J	6.1	62	163	-2.4	-1.6	4.5	3	J
2	318	15.7	22	J	6.4	57	161	-3.1	-1.3	5.0	2	J
3	311	14.8	19	J	6.5	55	212	-3.1	-3.9	4.0	1	J
4	310	14.9	23	J	6.5	50	228	-2.8	-4.7	3.4	2	J
5	310	18.8	19	J	6.3	49	232	-2.5	-4.5	3.3	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	300	23.3	17	J	5.6	17	258	-1.0	-5.1	0.5	2	J
16	302	23.9	16	J	5.0	28	250	-1.3	-4.1	1.1	2	J
17	302	24.3	19	J	5.5	37	242	-1.8	-4.1	1.7	3	J
18	316	24.5	20	J	5.6	43	248	-1.3	-4.0	1.8	3	J
19	332	26.2	17	J	4.4	-7	307	1.1	-1.2	-0.8	4	J
20	314	21.4	35	J	5.2	19	169	-4.5	0.1	1.8	2	J
21	337	19.3	22	J	5.8	52	225	-1.9	-3.3	2.1	4	J
22	340	19.2	21	J	6.1	22	154	-4.1	0.8	2.6	4	J
23	345	17.6	23	J	6.3	37	165	-4.9	-0.8	3.9	1	J
24	355	24.4	29	J	8.4	30	162	-6.7	-0.1	4.6	2	J
					MAY 1, 1987							121
	373	22.8	41	J	8.7	24	161	-7.4	0.6	4.3	1	J
	370	21.7	37	J	8.4	27	166	-7.1	-0.1	4.1	1	J
					MAY 5, 1987							125
1												
2												
3	374	6.6	47	J								
4	377	5.8	34	J								
5	378	6.2	29	J								
6	374	5.0	28	J								
7	378	6.0	32	J	3.2	22	136	-1.3	1.1	0.9	3	J
8	373	7.2	29	J	3.3	11	130	-1.7	1.9	0.8	2	J
9	367	8.6	30	J	4.4	7	169	-4.0	0.7	0.6	1	J
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	361	8.6	22	J	2.5	18	33	1.7	0.7	1.1	1	J
22	351	9.1	22	J	2.3	-7	57	0.9	1.3	0.5	2	J
23	350	8.0	22	J	2.8	5	45	1.3	1.1	0.8	2	J
24	344	7.9	25	J	2.9	5	68	1.1	2.2	1.5	0	J
					MAY 6, 1987							126
	339	10.3	17	J	2.4	65	140	-0.6	-0.3	1.9	1	J
	341	10.0	19	J	2.8	16	92	-0.1	2.0	1.6	1	J
	331	10.7	15	J	2.8	47	155	-1.4	0.0	1.7	2	J
	333	13.2	15	J	2.0	20	105	-0.3	1.1	0.8	1	J
	333	15.5	12	J	1.5	45	62	0.5	0.6	1.2	1	J
	332	13.7	13	J	2.0	80	330	0.3	-0.5	1.6	1	J
	330	13.0	11	J	2.3	39	256	-0.4	-1.9	1.1	1	J
	326	12.2	10	J	2.8	32	283	0.5	-2.5	1.2	1	J
	322	13.1	13	J	2.7	35	285	0.6	-2.2	1.3	1	J
	320	11.7	10	J	2.7	26	278	0.3	-2.5	1.0	1	J
	331	17.4	10	J	3.2	11	278	0.4	-3.1	0.3	0	J
	327	33.5	22	J	4.6	-55	255	-0.6	-0.5	-4.1	2	J
	326	25.8	17	J	6.5	-1	283	1.4	-5.3	-3.0	2	J
	321	19.4	16	J	6.9	2	281	1.3	-6.0	-3.0	1	J
	320	15.9	19	J	7.4	4	278	1.0	-6.6	-2.9	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 7, 1987							127
1	319	15.1	18	J	6.9	-5	287	2.0	-5.5	-3.5	1	J
2	319	17.0	18	J	7.0	-10	292	2.5	-5.2	-3.7	1	J
3												
4												
5	360	19.7	71	J	7.1	56	291	1.3	-4.9	4.2	2	J
6	359	21.0	46	J	8.2	53	277	0.5	-5.5	4.5	4	J
7	350	29.2	26	J	7.2	13	290	2.2	-6.2	0.3	3	J
8	343	25.8	23	J	7.0	0	301	3.5	-5.7	-0.9	2	J
9	348	19.4	49	J	5.4	-58	313	1.8	-1.4	-4.3	2	J
10	357	14.4	43	J	5.7	11	307	2.6	-3.5	0.5	4	J
11	358	11.7	36	J	6.4	13	308	3.5	-4.5	0.9	3	J
12	352	9.1	39	J	6.8	11	309	4.1	-5.2	0.9	1	J
13	353	8.8	35	J	6.6	10	306	3.8	-5.3	0.6	1	J
14	359	10.6	31	J	6.3	8	309	3.9	-4.8	0.2	0	J
15					5.8	11	308	3.5	-4.6	0.3	0	J
16												
17												
18												
19												
20												
21	371	13.2	19	J	4.0	-10	316	2.8	-2.1	-1.8	1	J
22	372	14.2	20	J	3.7	-6	311	2.3	-2.2	-1.6	0	J
23	375	14.6	22	J	3.2	-5	314	2.2	-1.9	-1.3	0	J
24	373	15.0	21	J	3.2	-8	320	2.4	-1.5	-1.3	0	J
					MAY 8, 1987							128
1	371	15.0	20	J	2.8	-15	316	1.9	-1.3	-1.4	0	J
2	368	14.2	19	J	2.2	-37	322	1.1	-0.4	-1.4	1	J
3	367	13.2	18	J	2.0	14	263	-0.2	-1.8	-0.3	1	J
4	366	12.4	19	J	2.5	-9	274	0.2	-1.9	-1.0	1	J
5												
6												
7	365	11.7	20	J	2.0	-44	267	-0.1	-1.2	-1.6	1	J
8	364	12.0	21	J	1.4	-14	242	-0.4	-0.7	-0.3	1	J
9	360	12.1	23	J	1.9	2	303	0.4	-0.6	-0.0	2	J
10	354	10.7	24	J	2.9	-17	357	2.6	-0.1	-0.8	1	J
11	354	11.3	22	J	2.0	-32	319	1.1	-0.9	-1.0	1	J
12	352	11.2	23	J	1.5	-37	304	0.6	-0.9	-0.9	1	J
13	349	9.2	50	J	2.9	-12	320	2.0	-1.6	-0.7	1	J
14	350	8.3	36	J	3.7	-9	312	2.4	-2.6	-0.9	0	J
15	346	9.2	30	J	3.4	-5	316	2.4	-2.3	-0.7	1	J
16	346	9.2	30	J	3.3	0	308	2.0	-2.5	-0.5	1	J
17												
18												
19												
20												
21	340	13.7	20	J	3.1	6	323	2.3	-1.7	-0.5	1	J
22	341	14.7	23	J	3.5	-4	307	2.1	-2.4	-1.5	1	J
23	335	13.7	15	J	3.7	-15	2	3.2	0.5	-0.7	2	J
24	335	13.9	15	J	3.5	-4	39	2.6	1.9	0.8	1	J
					MAY 9, 1987							129
1	331	12.2	17	J	3.1	-5	354	2.8	-0.2	-0.3	1	J
2	337	13.4	17	J	3.2	8	311	2.0	-2.3	-0.6	1	J
3	332	12.7	19	J	3.0	20	340	2.4	-1.2	0.5	1	J
4	337	16.1	18	J	3.1	18	328	2.3	-1.7	0.4	1	J
5	360	24.2	33	J	4.3	-7	293	1.5	-3.2	-1.4	2	J
6												
7												
8												
9	343	26.3	19	J	4.3	22	31	2.9	1.6	1.6	2	J
10	344	18.8	19	J	5.2	42	41	2.8	2.2	3.5	1	J
11	347	23.6	25	J	2.1	30	135	-0.6	0.6	0.5	2	J
12	353	16.6	22	J	2.6	8	144	-1.7	1.2	0.4	2	J
13	359	7.1	32	J	4.8	38	93	-0.2	3.4	3.1	2	J
14	349	10.0	19	J	4.9	39	83	0.5	3.3	3.4	1	J
15	364	9.8	17	J	4.8	29	100	-0.7	3.6	2.8	1	J
16	369	9.2	19	J	4.8	15	107	-1.3	4.0	2.1	1	J
17	374	9.3	24	J	4.3	13	95	-0.4	3.8	2.1	1	J
18												
19												
20												
21												
22												
23												
24												
					MAY 10, 1987							130
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	404	10.4	81	J	6.7	-25	165	-4.4	1.3	-2.0	4	J
12	419	11.7	93	J	6.0	46	80	0.6	3.3	4.0	3	J
13	413	11.0	68	J	7.2	-50	171	-4.3	1.1	-5.1	3	J
14	427	10.2	116	J	7.0	-24	154	-3.3	1.8	-1.4	6	J
15	443	9.2	200	J	6.5	36	125	-2.7	3.3	4.0	3	J
16	434	8.0	150	J	6.6	-8	131	-3.8	4.5	0.1	3	J
17	435	7.8	165	J	6.8	-9	125	-3.5	5.0	0.4	3	J
18	440	7.7	107	J	7.5	-10	112	-2.7	6.7	0.9	2	J
19	431	8.4	115	J	7.6	-11	126	-4.3	6.0	0.9	2	J
20					7.6	-1	128	-4.7	5.5	2.3	0	J
21												
22												
23												
24												
					MAY 11, 1987							131
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					4.6	10	117	-1.9	3.7	1.0	1	J
14	360	9.6	20	J	4.2	45	117	-1.2	2.0	2.9	2	J
15	360	9.8	23	J	4.0	27	125	-1.9	2.4	2.1	2	J
16	355	8.1	22	J	5.1	0	133	-3.4	3.6	0.7	1	J
17	363	5.8	20	J	5.4	-20	131	-3.1	3.9	-0.8	2	J
18	358	7.0	27	J	5.1	-27	131	-1.8	2.4	-0.7	4	J
19	364	10.8	45	J	3.8	11	315	2.6	-2.6	-0.3	1	J
20					3.2	-51	256	-0.5	-0.8	-3.1	0	J
21	361	7.0	24	J	3.6	-53	202	-1.9	0.5	-2.8	1	J
22	370	6.3	36	J	3.7	-33	200	-2.8	-0.0	-2.2	1	J
23	375	5.1	30	J	3.4	0	197	-3.2	-0.9	-0.4	1	J
24	368	4.2	30	J	2.6	-8	178	-2.4	0.2	-0.3	1	J
					MAY 12, 1987							132
1	365	5.9	34	J	2.8	1	187	-2.5	-0.3	-0.1	1	J
2	351	8.7	26	J	1.7	-24	248	-0.4	-0.7	-0.9	1	J
3	356	6.7	27	J	2.3	51	109	-0.4	0.6	2.0	1	J
4	363	6.2	43	J	2.1	-4	160	-1.7	0.6	0.1	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					2.6	37	205	-1.7	-0.9	1.3	1	J
15					2.1	-32	145	-0.7	0.6	-0.5	2	J
16	332	10.9	14	J	2.0	-20	150	-1.5	1.0	-0.4	1	J
17	333	10.8	13	J	2.3	-17	156	-1.9	1.0	-0.4	0	J
18	330	11.5	12	J	2.1	-12	154	-1.7	0.9	-0.1	1	J
19	331	11.4	13	J	2.1	-23	167	-1.9	0.7	-0.6	0	J
20	330	11.6	12	J	2.4	-24	186	-2.2	0.2	-1.0	0	J
21	324	9.4	19	J	2.2	12	169	-1.8	0.1	0.5	1	J
22	330	10.7	14	J	2.2	11	128	-1.2	1.2	1.0	1	J
23	328	12.2	17	J	2.4	4	139	-1.7	1.3	0.8	1	J
24	333	15.8	14	J	2.3	28	122	-0.9	0.9	1.5	1	J
					MAY 13, 1987							133
1	336	13.9	16	J	3.5	29	90	0.0	1.8	2.4	2	J
2	334	13.3	16	J	4.1	11	95	-0.3	3.1	2.1	2	J
3	334	14.0	16	J	3.4	-9	99	-0.4	2.8	0.6	2	J
4	334	17.3	14	J	2.9	32	94	-0.2	1.7	2.0	1	J
5	333	18.8	14	J	2.9	-11	95	-0.2	2.7	0.2	1	J
6												
7												
8												
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					MAY 17, 1987							137
1												
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4												
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6												
7												
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9												
10												
11					5.6	-2	137	-3.7	3.4	-0.1	2	J
12					5.1	19	140	-3.3	2.7	1.5	2	J
13	334	13.0	16	J	2.7	75	240	-0.2	-0.5	1.7	2	J
14	335	13.6	15	J	2.5	71	305	0.4	-0.7	1.9	1	J
15	337	14.2	16	J	1.9	78	260	-0.1	-0.5	1.5	1	J
16	336	14.7	15	J	3.2	7	296	1.1	-2.2	-0.1	2	J
17	338	17.8	14	J	2.9	37	288	0.7	-2.4	1.1	1	J
18												
19												
20												
21												
22												
23												
24												

MAY 18, 1987 — 138 | MAY 19, 1987 — 139

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1													307	12.3	19	J	2.6	52	243	-0.7	-2.0	1.3	1	J
2	347	12.9	17	J	3.2	-27	122	-1.4	2.6	-0.4	1	J	309	15.1	17	J	1.6	30	305	0.8	-1.3	0.3	0	J
3	347	11.7	16	J	2.9	9	112	-1.0	2.3	1.3	1	J												
4	343	12.5	18	J	2.9	16	92	-0.1	2.4	1.6	1	J												
5	332	13.0	14	J	2.8	21	82	0.4	2.2	1.5	1	J	301	13.7	10	J	2.0	-12	154	-1.7	0.9	-0.2	1	J
6	335	13.8	14	J	2.5	19	103	-0.5	2.0	1.2	1	J	304	12.9	11	J	2.3	-18	159	-1.7	0.7	-0.5	1	J
7	334	13.5	13	J	1.7	34	103	-0.2	0.9	0.9	1	J	304	13.8	13	J	2.7	18	112	-1.0	2.3	1.1	1	J
8	335	12.8	13	J	1.5	11	158	-1.0	0.4	0.2	1	J	303	14.2	12	J	2.8	13	123	-1.4	2.1	0.8	1	J
9	331	10.2	16	J	2.4	27	164	-2.0	0.5	1.1	1	J	302	14.8	11	J	2.5	19	138	-1.5	1.3	0.7	1	J
10	331	10.2	16	J	2.4	15	141	-1.7	1.4	0.6	1	J	298	14.5	12	J	2.6	14	137	-1.8	1.7	0.7	1	J
11	328	11.1	16	J	2.1	-3	139	-1.5	1.3	-0.1	1	J	298	14.1	12	J	2.9	22	146	-2.2	1.4	1.1	1	J
12	329	10.9	14	J	2.6	-8	147	-1.9	1.2	-0.3	1	J												
13	320	8.5	19	J	2.9	-1	160	-2.5	0.9	-0.0	1	J												
14	321	8.8	19	J	3.7	6	137	-2.4	2.2	0.5	1	J	304	17.1	11	J	3.8	-4	119	-1.8	3.2	-0.1	1	J
15	324	8.2	19	J	3.1	-3	164	-2.9	0.8	-0.1	1	J	303	16.2	11	J	4.1	-21	121	-1.9	3.3	-1.1	1	J
16	317	7.8	19	J	3.1	0	159	-2.6	1.0	0.2	1	J	302	15.5	11	J	4.4	9	108	-1.3	3.9	1.3	1	J
17	316	8.3	18	J	3.1	8	155	-2.6	1.1	0.7	1	J	303	15.8	12	J	3.9	32	108	-0.8	2.0	2.0	3	J
18	317	8.8	20	J	3.4	23	170	-2.9	0.1	1.3	1	J	306	15.8	16	J	3.5	30	83	0.3	1.9	1.9	2	J
19	316	9.2	20	J	2.9	40	177	-2.1	-0.5	1.7	1	J	304	16.5	17	J	3.6	86	245	-0.1	-1.3	3.1	1	J
20	311	10.7	16	J	2.3	14	162	-1.8	0.4	0.6	1	J	306	14.8	16	J	4.1	43	90	0.0	1.4	2.9	3	J
21	309	12.1	16	J	2.6	13	157	-2.0	0.6	0.8	1	J	306	14.5	16	J	4.6	6	104	-1.1	3.8	2.2	1	J
22	308	13.1	15	J	2.6	18	167	-2.2	0.2	0.9	1	J	307	14.4	20	J	5.1	-35	113	-1.6	4.6	-1.0	1	J
23	309	13.3	18	J	2.3	39	177	-1.7	-0.5	1.3	1	J	305	14.1	14	J	5.3	-34	120	-2.2	4.6	-1.1	1	J
24	308	12.3	21	J	2.8	57	206	-1.3	-1.5	1.7	1	J	307	15.6	18	J	5.7	-53	118	-1.6	4.5	-2.8	1	J

MAY 20, 1987 — 140 | MAY 21, 1987 — 141

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	307	16.1	18	J	5.9	-24	118	-2.3	4.9	-0.3	2	J	307	10.9	17	J	3.4	-7	122	-1.5	2.4	0.6	2	J
2	312	15.8	22	J	6.1	-19	122	-1.8	3.0	-0.1	5	J	305	9.3	22	J	4.0	-30	138	-2.4	2.7	-1.0	2	J
3	318	13.7	19	J	6.1	52	97	-0.5	2.0	5.7	1	J	302	9.2	22	J	4.0	-34	142	-2.4	2.4	-1.3	2	J
4	319	14.5	22	J	6.4	54	100	-0.6	2.1	5.9	0	J	299	9.0	18	J	4.0	-3	129	-2.4	2.9	0.6	1	J
5													291	8.5	14	J	4.5	-2	130	-2.9	3.4	0.6	0	J
6																								
7	308	12.2	22	J	5.6	29	100	-0.8	4.3	3.2	1	J												
8	307	15.3	21	J	2.7	11	101	-0.5	2.4	0.7	2	J												
9	305	15.0	18	J	3.2	2	102	-0.6	3.0	0.2	1	J	280	10.9	15	J	3.8	54	125	-1.3	1.7	3.1	0	J
10	305	12.2	18	J	4.7	-5	99	-0.7	4.6	-0.3	1	J	279	11.3	17	J	3.6	44	140	-1.9	1.5	2.4	1	J
11	305	12.3	16	J	4.7	-4	95	-0.4	4.6	-0.3	1	J	281	11.3	14	J	3.5	55	126	-1.1	1.5	2.7	1	J
12													281	12.6	19	J	3.6	60	120	-0.9	1.5	3.0	1	J
13													280	12.3	14	J	3.8	58	145	-1.6	1.1	3.2	1	J
14													278	12.7	13	J	3.9	58	152	-1.7	0.8	3.2	1	J
15	300	18.6	11	J	3.1	-33	338	2.3	-0.8	-1.7	1	J	278	13.9	17	J	3.6	52	158	-1.8	0.5	2.6	2	J
16	307	17.4	17	J	3.3	-34	86	0.1	1.7	-0.8	3	J	282	14.0	16	J	3.3	-22	117	-1.2	2.5	-0.7	2	J
17	313	13.7	24	J	4.3	50	117	-1.2	1.6	3.5	2	J	284	14.0	14	J	3.5	-6	87	0.2	3.2	0.3	1	J
18	315	13.0	28	J	4.6	61	144	-1.7	0.2	4.0	2	J	285	14.2	13	J	3.2	-20	95	-0.1	1.8	-0.2	3	J
19	315	13.7	27	J	4.5	50	202	-2.3	-1.8	2.5	2	J	292	13.3	10	J	5.3	74	195	-1.4	-1.9	4.6	1	J
20	315	14.4	29	J	3.3	-17	213	-1.9	-0.9	-1.1	2	J	291	15.1	11	J	4.3	71	171	-1.4	-1.2	3.9	1	J
21	311	14.0	22	J	3.4	-67	184	-1.3	1.1	-2.8	1	J	292	15.1	11	J	4.8	59	147	-2.0	-0.3	4.2	1	J
22	310	14.5	22	J	3.9	-30	173	-3.4	1.2	-1.6	1	J	290	15.1	9	J	3.6	45	128	-1.5	0.8	3.1	1	J
23	308	14.3	21	J	3.4	-39	132	-1.7	2.6	-1.1	1	J	283	20.7	12	J	2.0	11	289	0.5	-1.4	-0.3	1	J
24	311	15.6	18	J	2.7	-41	110	-0.6	2.3	-0.8	1	J	282	20.8	11	J	1.4	38	289	0.3	-1.1	0.3	1	J

MAY 22, 1987 — 142 | MAY 23, 1987 — 143

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	280	21.1	12	J	1.4	18	296	0.5	-1.2	-0.0	0	J	324	25.9	29	J	5.3	1	339	4.9	-1.8	-0.6	1	J
2	281	19.8	12	J	2.7	24	271	0.0	-2.5	0.2	2	J	327	27.8	27	J	4.5	-2	339	4.2	-1.5	-0.7	0	J
3	281	21.4	13	J	2.5	21	279	0.4	-2.4	0.1	1	J												
4	281	22.4	15	J	3.2	-25	279	0.4	-2.3	-1.9	1	J												
5	280	21.0	12	J	3.1	-4	270	-0.0	-2.7	-0.8	1	J												
6																								
7																								
8																								
9																								
10	289	26.8	21	J	5.9	7	84	0.6	5.5	0.7	2	J												
11	294	32.4	18	J	5.4	-29	103	-1.0	4.2	-2.4	2	J												
12	296	38.0	19	J	4.0	-29	93	-0.1	2.8	-1.6	2	J	343	23.0	42	J	5.1	29	308	2.6	-3.3	2.4	2	J
13	296	40.0	17	J	3.7	70	313	0.8	-0.9	3.4	1	J	340	25.1	35	J	4.3	18	301	2.1	-3.5	1.3	1	J
14	301	45.8	14	J	4.2	59	300	1.0	-1.9	3.4	2	J	335	23.3	30	J	4.5	7	300	2.1	-3.7	0.4	2	J
15	305	45.9	19	J	5.5	-31	282	0.4	-1.6	-1.2	5	J	333	14.5	26	J	7.8	1	301	3.9	-6.5	-0.4	2	J
16	317	36.8	36	J	7.5	-19	309	3.3	-3.8	-2.3	5	J	339	13.2	57	J	7.0	-10	303	3.3	-4.9	-1.7	4	J
17	329	40.4	33	J	4.5	-6	322	2.4	-1.7	-0.7	4	J	351	14.2	120	J	6.3	10	305	2.9	-4.2	0.1	4	J
18	331	42.4	24	J	3.6	19	44	2.0	1.7	1.4	2	J	354	13.7	95	J	8.7	-6	287	2.3	-7.1	-2.7	4	J
19	332	39.0	26	J	4.2	17	356	3.8	-0.6	1.0	1	J	351	11.7	58	J	8.3	-7	284	1.7	-6.1	-2.8	5	J
20	332	35.6	24	J	4.9	12	2	4.7	-0.2	1.0	1	J	340	12.1	29	J	9.1	4	292	3.3	-7.9	-2.3	2	J
21	333	33.4	25	J	4.8	-11	324	3.7	-2.2	-1.9	1	J	345	14.4	43	J	8.2	-3	287	2.3	-6.7	-3.2	2	J
22	331	32.5	19	J	5.0	-47	323	2.6	-0.4	-3.9	2	J	347	21.5	30	J	5.2	-54	275	0.2	-0.7	-3.2	4	J
23	336	33.6	20	J	3.5	-74	349	0.7	0.9	-2.4	2	J	341	16.3	17	J	6.4	-39	121	-2.5	5.4	-2.0	1	J
24	329	28.2	27	J	4.0	2	333	3.4	-1.6	-0.6	3	J	346	16.7	25	J	5.9	-33	95	-0.4	5.8	-1.0	1	J

MAY 24, 1987 — 144 | MAY 25, 1987 — 145

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	344	16.7	19	J	5.6	-22	84	0.5	5.6	-0.1	1	J	430	13.0	52	J	5.5	-28	303	2.6	-2.8	-3.8	1	J
2	348	18.8	21	J	5.7	-11	78	1.1	5.3	0.8	1	J	423	15.1	37	J	6.5	-31	295	2.3	-3.5	-4.7	2	J
3	349	16.9	49	J	4.8	-53	69	0.7	2.4	-1.8	4	J	422	17.5	37	J	6.9	-34	266	-0.4	-4.3	-5.3	1	J
4													430	16.4	40	J	7.9	-58	254	-1.1	-2.2	-7.3	2	J
5																	8.2	-56	254	-1.3	-3.0	-7.5	1	J
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13	377	6.8	43	J	4.9	-42	310	2.2	-2.6	-3.1	2	J												
14	383	6.4	54	J	5.6	-19	299	2.2	-3.9	-1.7	3	J												
15	401	6.2	60	J	7.0	-51	287	1.0	-3.1	-4.7	4	J					11.2	77	317	1.8	-2.4	10.7	4	J
16	391	6.5	81	J	7.2	-24	296	2.7	-5.2	-3.4	2	J												
17	396	7.3	42	J	7.9	-27	290	2.1	-5.2	-4.2	4	J												
18	396	10.9	36	J	7.5	-42	287	1.6	-3.8	-5.9	2	J												
19	403	9.2	34	J	8.0	-36	287	1.8	-4.3	-6.1	2	J												
20	411	10.5	45	J	7.4	-22	287	1.9	-4.9	-4.5	3	J												
21	419	6.1	58	J																				
22																								
23	432	12.9	54	J																				
24	426	13.7	46	J	5.2	-11	288	1.5	-3.9	-2.7	1	J												

MAY 29, 1987 — 149

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16					6.3	-14	110	-1.8	5.0	-0.8	3	J
17												
18												
19												
20												
21					4.8	10	90	0.0	3.9	2.3	1	J
22					4.9	12	95	-0.4	3.8	2.5	2	J
23												
24												

MAY 30, 1987 — 150

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					3.1	72	78	0.2	-0.1	2.4	2	J
					3.0	33	100	-0.4	1.7	2.1	1	J
	371	5.4	34	J	2.7	88	148	-0.1	-0.6	2.2	1	J
	371	6.1	26	J	2.6	43	91	-0.0	1.3	1.9	1	J
	369	7.1	23	J	2.9	67	116	-0.5	0.6	2.7	1	J
	368	6.7	25	J	2.8	18	101	-0.4	1.8	0.8	2	J
	370	7.3	27	J	3.1	18	110	-0.9	2.4	1.0	1	J
	381	7.8	34	J	5.0	-26	102	-0.9	4.1	-2.0	2	J
	392	8.0	22	J	5.7	-32	91	-0.1	3.9	-2.6	3	J
	392	9.7	38	J	6.0	-50	108	-1.0	2.9	-4.0	3	J
	386	9.3	43	J	6.4	28	105	-1.2	4.7	2.3	3	J
	400	9.6	50	J	6.7	50	91	-0.1	4.1	4.3	3	J
	403	9.9	35	J	7.5	-52	81	0.7	4.1	-5.8	3	J
	402	11.4	28	J	9.0	-41	79	1.2	6.2	-5.6	3	J
	403	9.4	27	J	10.5	2	88	0.4	10.2	0.7	3	J
	409	13.7	35	J	9.2	18	79	1.6	8.0	3.4	3	J
	404	17.0	54	J	7.4	25	69	2.2	5.3	3.7	3	J
	389	16.2	33	J	9.8	-26	99	-1.2	8.4	-2.2	4	J
	382	15.2	37	J	10.1	-52	121	-3.2	7.1	-6.2	1	J

MAY 31, 1987 — 151

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4	370	16.4	20	J	10.8	25	200	-9.1	-4.2	3.7	2	J
5	367	11.0	18	J	11.8	4	219	-9.1	-7.4	-0.3	1	J
6	367	9.5	19	J	11.4	-8	224	-8.1	-7.6	-2.4	1	J
7	374	11.6	20	J	10.7	12	214	-8.6	-5.9	1.9	2	J
8	365	11.0	21	J	10.5	-7	215	-7.9	-5.5	-1.2	4	J
9	347	11.8	23	J	10.2	-40	231	-4.9	-6.3	-6.4	1	J
10	361	13.7	37	J	10.0	-30	229	-5.5	-6.6	-4.5	3	J
11	367	12.0	50	J	10.4	-17	218	-7.8	-6.3	-2.6	2	J
12	363	13.0	47	J	11.1	-13	222	-8.0	-7.3	-2.0	1	J
13	346	16.3	59	J	10.6	-21	226	-6.8	-7.2	-3.4	1	J
14	337	21.2	27	J	9.1	-22	233	-5.1	-6.8	-3.3	1	J
15	337	22.9	26	J	8.3	-37	247	-2.5	-5.8	-5.0	2	J
16	335	22.4	29	J	7.5	-38	230	-3.7	-4.1	-4.9	2	J
17	347	16.0	43	J	9.0	-40	227	-4.5	-4.1	-6.2	2	J
18	340	14.0	29	J	8.7	-37	218	-5.3	-3.1	-5.8	2	J
19	336	14.1	19	J	8.6	-40	212	-5.4	-1.9	-6.0	2	J
20	338	15.7	30	J	7.4	-57	192	-3.8	1.0	-6.0	2	J
21	347	17.6	46	J	6.8	-67	171	-2.6	2.5	-5.8	0	J
22												
23												
24												

JUN. 1, 1987 — 152

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	336	14.0	50	J	5.3	34	164	-4.0	0.9	2.9	2	J
	347	15.9	55	J	5.4	61	167	-1.9	0.3	3.5	4	J
	357	15.1	48	J	6.8	59	62	1.6	2.9	5.6	2	J
	353	14.3	47	J	7.1	46	82	0.7	4.9	4.8	2	J
	360	15.2	55	J	8.4	1	85	0.7	7.6	-0.3	4	J
	353	18.6	58	J	6.7	-23	112	-2.1	5.1	-2.8	3	J
	350	21.6	56	J	6.7	-24	135	-3.9	3.8	-2.8	3	J
	368	21.0	47	J	5.7	17	122	-1.1	1.8	0.5	5	J
	368	17.5	65	J	5.0	-8	199	-3.7	-1.3	-0.5	3	J
	366	17.2	67	J	4.9	-23	159	-3.6	1.4	-1.6	3	J
	361	15.5	63	J	6.0	13	108	-1.7	5.1	1.6	2	J
	364	17.1	69	J	6.2	-23	132	-3.5	4.2	-1.7	2	J
	364	17.2	86	J	5.8	-16	149	-4.4	2.9	-0.9	2	J
	363	19.9	91	J	6.0	-12	196	-5.3	-1.2	-1.5	2	J
	369	23.6	101	J	6.9	15	149	-5.2	2.5	2.5	3	J
	383	27.9	76	J	8.0	49	90	0.0	2.7	6.7	3	J
	383	30.0	78	J	9.2	27	89	0.1	5.6	6.0	4	J
	388	26.5	88	J	9.9	-30	99	-0.8	5.6	-1.0	8	J
	383	20.5	78	J	11.4	-39	119	-4.1	9.4	-4.0	3	J

JUN. 2, 1987 — 153

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	403	9.2	121	J	11.6	20	240	-1.7	-3.3	0.3	11	J
2	417	9.6	94	J	10.5	46	99	-1.0	4.1	8.0	5	J
3	437	9.3	106	J	9.4	9	149	-7.5	4.0	2.4	3	J
4	447	9.2	119	J	9.2	-13	157	-7.7	3.6	-1.3	4	J
5												
6												
7												
8	462	5.7	65	J	7.7	-7	163	-7.1	2.2	-0.9	2	J
9	460	4.9	37	J	8.4	2	157	-7.6	3.3	0.2	1	J
10	457	4.8	39	J	7.9	4	163	-7.3	2.3	0.4	1	J
11	457	4.7	62	J	6.7	-3	166	-6.1	1.5	-0.5	2	J
12	452	5.6	84	J	5.8	29	162	-4.6	1.7	2.5	2	J
13	452	5.4	80	J	6.0	33	160	-4.6	1.9	3.1	1	J
14	485	4.8	61	J	4.9	59	85	0.2	2.1	3.3	3	J
15	489	4.7	56	J	5.1	46	62	1.5	2.8	3.3	2	J
16	494	4.4	67	J	4.3	63	43	1.2	0.9	3.3	3	J
17	483	3.5	82	J	3.9	69	56	0.2	0.2	1.1	4	J
18	452	3.2	106	J	4.2	16	166	-3.7	0.7	1.3	1	J
19	449	3.2	57	J	4.6	24	175	-3.8	-0.1	1.7	2	J
20	432	3.3	88	J	4.8	2	187	-4.8	-0.6	-0.0	1	J
21	438	3.4	67	J	4.2	-4	168	-3.7	0.8	-0.0	2	J
22	433	3.1	79	J	4.1	13	183	-3.6	-0.5	0.7	2	J
23	425	3.4	81	J	4.7	12	187	-4.4	-0.8	0.7	1	J
24	424	3.5	78	J	4.6	15	168	-4.2	0.5	1.4	1	J

JUN. 3, 1987 — 154

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	415	3.7	42	J	5.0	24	167	-4.5	0.4	2.3	1	J
	414	4.1	31	J	5.3	10	166	-5.1	1.0	1.2	1	J
	412	4.2	30	J	5.6	15	168	-5.2	0.7	1.6	1	J
	404	6.4	58	J	4.0	25	171	-3.0	0.2	1.5	2	J
	404	6.3	52	J	4.4	15	162	-4.0	1.1	1.3	0	J
	406	5.9	50	J	5.0	5	338	4.6	-1.8	0.5	0	J
	414	4.7	67	J	4.6	22	150	-1.6	1.0	0.7	4	J
	425	4.1	122	J	4.8	-2	156	-4.3	1.9	-0.3	1	J
	447	4.5	68	J	4.1	52	21	0.9	0.5	1.2	4	J
	452	4.7	77	J	3.9	-4	353	3.8	-0.5	-0.2	1	J
	428	4.3	64	J	3.7	2	138	-1.7	1.5	0.0	3	J
	411	4.2	42	J	5.0	17	150	-4.1	2.3	1.4	1	J
	411	3.8	43	J	5.0	9	156	-4.5	2.0	0.9	1	J
	405	5.1	63	J	3.2	-9	153	-2.7	1.4	-0.3	1	J
	406	5.0	68	J	3.3	-19	158	-2.8	1.3	-0.8	1	J
	415	3.9	68	J	4.5	-16	173	-4.3	0.8	-1.1	1	J
	405	4.4	68	J	4.3	5	206	-3.2	-1.6	-0.1	2	J
	399	10.2	42	J	2.2	43	296	0.4	-1.2	0.6	2	J
	399	10.2	34	J	3.0	13	324	2.0	-1.5	0.1	2	J
	408	5.6	48	J	5.3	46	201	-3.2	-2.3	2.9	2	J
	390	9.0	41	J	3.7	59	189	-1.8	-1.2	2.7	2	J

JUN. 4, 1987 — 155

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	405	6.8	42	J	4.9	42	172	-3.2	-0.5	2.9	2	J
2	396	7.3	39	J	4.5	44	159	-2.1	0.2	2.3	3	J
3	377	10.3	26	J	4.8	11	331	4.1	-2.4	0.4	0	J
4	374	11.9	22	J	4.6	4	338	4.3	-1.7	0.0	1	J
5	373	11.4	22	J	4.7	0	329	4.0	-2.4	-0.3	0	J
6												
7												
8												
9												
10												
11	374	21.2	22	J	4.3	-44	346	2.9	-1.0	-2.8	1	J
12	367	16.3	25	J	5.2	-44	355	3.7	-0.6	-3.5	1	J
13	364	17.0	29	J	4.9	-43	342	3.3	-1.3	-3.2	1	J
14	362	18.5	33	J	4.5	-27	11	3.8	0.6	-2.0	2	J
15	362	20.1	23	J	3.0	-18	59	1.3	2.2	-0.8	2	J
16	359	20.7	26	J	2.7	-4	342	2.2	-0.7	-0.2	2	J
17	357	19.5	28	J	4.1	-27	330	2.9	-1.5	-1.9	2	J
18	350	20.0	27	J	2.9	-83	158	-0.3	0.5	-2.2	2	J
19												
20												
21												
22	334	17.9	18	J	2.7	-33	115	-0.3	0.8	-0.2	3	J
23	338	10.7	27	J	4.5	-35	348	3.5	0.1	-2.6	1	J
24	336	10.2	18	J	4.8	-34	20	3.4	2.0	-1.9	2	J

JUN. 5, 1987 — 156

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	347	9.4	19	J	4.3	-22	84	0.4	4.2	-0.4	1	J
	345	10.0	22	J	3.9	-23	76	0.8	3.7	-0.5	1	J
	339	9.6	20	J	4.5	-25	52	2.5	3.5	-1.1	1	J
	343	10.2	25	J	5.0	-22	33	3.7	2.6	-1.3	1	J
	345	10.6	23	J	4.5	-28	29	3.3	2.1	-1.8	1	J
	348	11.7	21	J	4.5	-49	52	1.8	1.9	-3.5	1	J
	347	11.6	23	J	4.7	-17	58	2.0	3.1	-1.4	3	J
	353	17.2	22	J	6.0	-33	48	2.4	2.5	-2.5	4	J
	366	19.4	20	J	5.6	-24	87	0.3	5.9	-2.7	1	J
	353	13.2	30	J	7.7	-44	40	4.1	3.6	-5.0	2	J
	346	16.2	26	J	7.4	-40	31	4.7	3.3	-4.2	2	J
	364	24.1	26	J	6.5	42	234	-2.4	-3.9	3.1	3	J
	350	24.0	38	J	6.5	7	285	1.4	-5.3	-0.5	3	J
	354	19.4	40	J	6.4	9	274	0.3	-3.9	-0.4	5	J
	365	17.4	22	J	6.5	52	205	-3.3	-2.9	4.0	2	J
	367	15.0	22	J	6.4	34	51	0.6	0.5	0.9	6	J
	366	13.1	17	J	7.8	-2	71	2.5	6.9	2.1	2	J
	372	11.8	22	J	8.7	2	67	3.4	7.4	2.7	1	J

JUN. 6, 1987 — 157

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	377	11.1	23	J	9.5	11	69	3.3	7.7	4.2	1	J
2	376	12.8	27	J	9.6	7	66	3.8	8.0	3.3	1	J
3	372	12.5	22	J	10.0	3	60	4.9	8.3	2.3	1	J
4	363	13.7	20	J	10.2	2	60	5.0	8.6	1.8	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	393	42.8	48	J								
15	390	34.1	47	J								
16	386	24.3	51	J								
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 10, 1987 — 161

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
344	15.8	29	J	8.5	43	139	-4.1	2.0	5.8	4	J

JUN. 11, 1987 — 162

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	352	17.0	50	J	5.0	61	247	-0.5	-1.6	1.8	5	J
2	357	14.0	28	J	8.0	43	118	-2.6	3.7	6.2	2	J
3	362	6.4	53	J								
4	368	5.0	70	J								
5	361	6.2	61	J	10.7	9	105	-2.5	9.3	2.3	4	J
6	361	6.9	67	J	10.0	-8	104	-2.2	9.0	-1.0	3	J
7	352	7.6	67	J	9.7	-1	126	-5.4	7.4	-0.3	2	J
8	381	4.4	60	J	8.8	-9	131	-5.5	6.2	-1.8	2	J
9	389	5.8	124	J	9.1	15	127	-4.6	6.3	1.4	4	J
10	381	6.4	55	J	10.8	19	120	-4.7	8.5	2.2	4	J
11	378	15.5	39	J	10.2	-5	105	-2.1	7.6	-1.8	6	J
12	377	23.6	33	J	7.9	39	132	-1.1	1.5	1.2	8	J
13	397	18.2	55	J	8.8	44	149	-4.8	3.6	5.0	4	J
14	389	16.6	70	J	8.7	25	143	-6.0	4.9	3.0	3	J
15	394	19.6	67	J	7.1	11	102	-1.2	5.9	0.8	4	J
16	387	20.6	69	J	7.0	13	102	-1.2	5.5	1.3	4	J
17	381	18.8	56	J	9.0	-2	118	-3.9	7.3	0.2	3	J
18												
19												
20												
21												
22	384	13.8	59	J	7.6	24	107	-1.7	4.6	4.0	4	J
23	384	14.1	65	J	6.5	65	130	-1.3	0.3	4.5	4	J
24												

JUN. 12, 1987 — 163

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
410	10.3	73	J	7.3	0	129	-4.0	4.9	1.1	4	J
411	10.5	76	J	6.1	-1	152	-4.5	2.4	0.3	3	J
427	9.8	99	J	5.7	-21	122	-2.1	3.6	-1.1	4	J
425	8.9	79	J	7.5	-14	114	-2.8	6.4	-1.2	2	J
434	9.3	91	J	7.5	3	107	-2.1	6.8	0.5	2	J
438	9.8	114	J	5.5	27	178	-3.2	0.2	1.6	4	J
				5.1	-27	223	-3.3	-3.3	-2.1	1	J
491	10.0	97	J	7.7	-47	55	2.9	3.3	-6.1	2	J
461	8.5	97	J	7.5	15	119	-2.7	5.0	0.7	5	J
460	8.2	93	J	7.8	27	107	-1.8	6.4	2.4	3	J
463	8.1	105	J	7.7	16	112	-2.0	5.1	1.0	5	J
470	7.9	95	J	6.6	7	128	-3.1	4.0	0.4	4	J
460	8.9	62	J	7.4	36	141	-4.3	3.5	4.0	3	J
469	10.7	63	J	6.4	34	117	-0.9	1.6	1.4	6	J
474	12.9	128	J	5.3	4	129	-1.7	2.1	0.4	5	J
482	12.0	113	J	3.6	37	22	1.9	0.5	1.6	3	J
487	9.5	146	J	4.7	21	231	-1.6	-2.2	0.5	4	J
483	9.6	138	J	5.0	-29	144	-2.6	2.3	-1.2	3	J
488	8.0	111	J	5.9	51	79	0.6	2.0	4.9	3	J
480	8.0	134	J	6.0	6	137	-2.6	2.3	1.0	5	J

JUN. 13, 1987 — 164

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	495	7.1	122	J	6.6	9	109	-1.6	4.4	1.9	4	J
2												
3												
4	498	7.7	108	J	5.6	-19	151	-4.5	2.7	-1.5	1	J
5	518	6.9	78	J	5.5	-1	62	2.0	3.7	0.2	3	J
6	510	5.6	75	J	4.7	12	117	-1.2	2.3	0.6	4	J
7	499	6.1	78	J	4.6	7	106	-0.9	3.2	0.3	3	J
8	496	6.6	77	J	4.9	2	92	-0.2	4.8	-0.2	1	J
9	495	6.2	71	J	5.2	4	72	1.5	4.8	-0.2	1	J
10	476	5.6	51	J	5.7	-5	82	0.8	5.3	-1.3	2	J
11	479	5.9	48	J	5.5	2	73	1.6	5.1	-0.6	1	J
12	474	6.0	46	J	5.4	2	86	0.3	4.9	-0.6	2	J
13	463	6.4	48	J	5.0	8	104	-0.9	3.5	0.0	3	J
14	467	6.6	49	J	5.2	-1	92	-0.2	4.8	-0.6	2	J
15	458	6.4	61	J	5.4	-7	93	-0.2	4.7	-0.9	2	J
16	466	6.8	50	J	5.4	-7	83	0.6	4.7	-0.7	2	J
17	454	6.8	61	J	4.7	1	91	-0.1	4.1	0.3	2	J
18	459	6.3	65	J	4.3	17	88	0.1	3.0	1.3	3	J
19	452	6.3	58	J	4.2	12	106	-1.0	3.4	1.4	2	J
20	464	6.6	60	J	4.2	-24	85	0.2	1.9	-0.4	4	J
21	438	6.7	98	J	4.3	42	162	-2.5	0.2	2.5	2	J
22												
23												
24												

JUN. 14, 1987 — 165

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
410	6.0	36	J	4.2	-21	168	-3.3	0.7	-1.3	2	J
419	6.5	50	J	3.9	-40	204	-2.3	-1.1	-2.1	2	J
420	6.3	50	J	3.4	-38	148	-1.9	1.0	-1.9	2	J
416	6.2	41	J	3.9	-9	142	-2.8	2.1	-0.8	2	J
408	6.5	47	J	4.0	-19	188	-2.9	-0.6	-0.9	3	J
404	6.8	51	J	4.0	-15	201	-3.4	-1.5	-0.8	1	J
405	7.1	53	J	4.1	0	200	-3.5	-1.2	0.2	2	J
406	7.4	56	J	4.0	10	176	-3.5	0.3	0.6	2	J
405	6.9	53	J	3.9	23	164	-3.0	1.0	1.2	2	J
396	6.3	55	J	4.5	33	179	-3.6	0.2	2.3	1	J
407	6.0	46	J	4.4	46	192	-2.6	-0.5	2.7	2	J
414	6.3	32	J	4.3	59	212	-1.7	-1.2	3.4	2	J
404	6.1	29	J	4.4	33	155	-3.2	1.3	2.4	1	J
403	6.2	42	J	4.3	34	138	-2.3	1.7	2.4	2	J
395	5.8	84	J	4.1	4	168	-3.7	0.7	0.4	2	J
387	6.4	84	J	4.3	-4	158	-3.8	1.6	0.1	1	J
406	6.5	31	J	4.5	-58	122	-1.2	2.8	-3.0	1	J

JUN. 15, 1987 — 166

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	337	9.9	20	J	5.3	3	170	-5.2	1.0	0.1	1	J
14	336	9.2	17	J	4.9	0	173	-4.9	0.6	-0.1	1	J
15	337	9.7	18	J	5.1	-6	178	-5.0	0.1	-0.5	1	J
16	352	13.3	45	J	5.2	-24	176	-4.6	0.3	-2.0	1	J
17	362	13.6	34	J	5.2	-42	174	-3.0	0.4	-2.7	3	J
18	358	13.6	40	J	4.5	-50	167	-1.8	0.6	-2.1	4	J
19	355	12.8	39	J	4.5	-14	136	-2.8	2.8	-0.6	2	J
20	354	14.1	33	J	4.0	18	137	-2.4	2.0	1.5	2	J
21	352	13.7	33	J	4.3	-12	131	-2.4	2.9	-0.1	2	J
22	362	17.6	24	J	3.8	-29	63	0.4	1.0	-0.3	4	J
23	371	19.9	19	J	4.1	1	323	3.2	-2.3	-0.5	1	J
24	374	18.4	22	J	3.8	-3	317	2.7	-2.4	-0.8	1	J

JUN. 16, 1987 — 167

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
374	14.9	25	J	4.5	-4	325	3.7	-2.4	-0.9	0	J
372	15.1	25	J	4.2	-8	342	3.9	-1.1	-0.8	1	J
374	15.6	26	J	4.1	-7	338	3.8	-1.4	-0.7	0	J
372	15.5	27	J	3.7	-13	346	3.4	-0.8	-0.9	1	J
365	14.2	34	J	4.0	-11	8	3.8	0.6	-0.7	1	J
364	21.9	33	J	4.8	-11	320	3.6	-3.1	-0.5	1	J
357	23.0	28	J	4.3	-4	322	3.1	-2.4	-0.1	2	J
364	17.6	35	J	5.8	25	308	2.3	-2.9	1.9	4	J
372	11.8	51	J	6.2	-3	324	4.0	-2.9	-0.3	4	J
402	10.4	66	J	6.9	-13	325	4.5	-3.0	-1.5	4	J
412	10.6	70	J	6.6	-29	330	4.5	-2.1	-3.2	3	J
413	10.1	60	J	6.3	-37	355	5.0	0.3	-3.8	1	J
422	11.2	110	J	5.7	-41	318	2.8	-1.7	-3.8	3	J
428	10.5	108	J	5.9	16	269	-0.1	-3.9	0.1	4	J
425	9.9	88	J	5.8	25	264	-0.3	-3.5	0.7	4	J
414	10.0	78	J	5.3	6	327	3.2	-2.1	-0.1	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 17, 1987							168
1	409	8.8	55	J	5.6	-20	341	4.9	-1.2	-2.2	1	J
2	411	8.6	69	J	5.0	4	11	4.3	0.8	0.5	2	J
3	412	7.4	53	J	5.1	27	1	4.4	-0.2	2.2	1	J
4	415	7.5	54	J	4.7	22	14	4.1	0.9	1.8	1	J
5	420	7.0	51	J	4.0	39	27	2.4	1.1	2.2	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	389	7.0	76	J	6.6	13	7	6.4	0.8	1.4	0	J
17	386	7.0	65	J	6.3	5	6	6.2	0.6	0.6	1	J
18	380	6.4	54	J	6.1	4	4	6.0	0.4	0.5	1	J
19	377	7.4	50	J	6.8	11	355	6.6	-0.7	1.2	1	J
20	373	8.6	44	J	7.0	11	345	6.5	-2.0	1.0	1	J
21	378	8.8	49	J	6.9	-7	339	6.3	-2.2	-1.3	1	J
22	380	8.5	38	J	6.9	-9	347	6.5	-1.2	-1.4	1	J
23	379	10.3	44	J	7.2	3	326	5.5	-3.7	-0.6	3	J
24	382	10.5	45	J	6.5	3	298	2.6	-4.8	-0.8	3	J
					JUN. 19, 1987							170
1	403	7.7	68	J	9.7	-10	305	5.1	-6.9	-3.0	3	J
2	398	9.0	100	J	8.4	-16	322	5.8	-4.1	-2.8	4	J
3	386	9.7	91	J	10.0	-30	6	8.4	1.5	-4.7	2	J
4	415	11.2	140	J	8.6	-39	297	1.5	-2.7	-2.9	8	J
5					8.9	-40	324	5.3	-3.7	-5.6	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					JUN. 24, 1987							175
1												
2												
3												
4												
5												
6	341	23.3	19	J	2.0	-22	61	0.8	1.3	-0.7	1	J
7	337	23.1	15	J	3.5	-59	20	1.2	0.2	-2.2	3	J
8	337	25.5	14	J	3.5	-59	291	0.3	-1.1	-1.4	3	J
9	335	15.1	14	J	6.1	36	236	-2.7	-3.3	4.2	1	J
10	340	7.9	18	J	7.3	50	236	-2.6	-2.5	6.2	1	J
11	339	9.4	16	J	7.2	46	239	-2.6	-2.9	6.0	1	J
12	339	13.4	19	J	6.5	56	249	-1.3	-2.0	5.9	2	J
13	337	16.2	16	J	6.5	51	266	-0.3	-2.9	5.8	1	J
14	332	16.0	19	J	6.4	22	274	0.4	-5.3	3.4	1	J
15	329	17.0	23	J	5.9	5	268	-0.2	-5.6	1.4	1	J
16	326	17.6	28	J	5.5	-51	271	0.0	-2.7	-2.7	4	J
17	326	19.3	33	J	4.6	-20	254	-1.0	-3.7	-1.2	2	J
18												
19												
20												
21												
22	319	24.6	17	J	5.5	13	255	-1.4	-5.2	0.2	1	J
23	316	26.0	16	J	5.7	19	251	-1.8	-5.4	0.8	1	J
24	316	27.8	16	J	5.4	19	255	-1.3	-5.2	0.8	0	J
					JUN. 26, 1987							177
1	313	18.7	29	J	11.0	-53	205	-5.9	-1.4	-8.9	2	J
2												
3												
4												
5												
6												
7												
8												
9												
10	338	5.9	34	J	9.0	13	140	-6.3	5.6	0.6	3	J
11	338	6.2	44	J	8.3	22	137	-5.6	5.8	1.7	1	J
12	330	5.1	32	J	8.5	22	132	-5.3	6.5	1.6	1	J
13	333	5.5	31	J	9.3	22	123	-4.6	7.8	1.7	1	J
14	367	7.0	71	J	8.4	2	141	-5.4	4.4	-0.7	5	J
15	374	7.2	93	J	8.9	34	140	-5.2	5.1	3.8	3	J
16	407	7.2	110	J	9.9	-6	153	-8.6	4.2	-1.5	2	J
17	408	7.4	131	J	9.1	-11	167	-8.7	1.9	-1.8	1	J
18	391	8.6	120	J	9.8	-1	148	-7.6	4.8	-0.1	4	J
19	377	10.4	69	J	10.3	19	105	-2.4	8.6	3.8	3	J
20	382	14.5	57	J	9.1	30	68	2.7	6.2	5.0	4	J
21	392	14.6	53	J	8.2	28	61	3.4	5.5	4.6	2	J
22	408	14.4	36	J	10.1	35	54	4.8	5.5	6.7	2	J
23	390	17.6	37	J	9.6	11	102	-1.4	6.2	2.4	7	J
24	414	9.3	69	J	10.6	16	336	5.3	-2.6	1.2	9	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 18, 1987							169
1	385	10.9	47	J	6.2	18	243	-2.4	-4.9	0.7	3	J
2	366	11.3	62	J	4.5	30	294	1.3	-3.1	1.3	3	J
3	359	12.2	73	J	5.2	-13	2	5.0	0.3	-1.1	1	J
4	358	11.2	65	J	5.9	-12	0	5.3	0.1	-1.1	2	J
5	359	11.3	76	J	6.4	-25	355	5.7	-0.4	-2.7	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	427	4.4	70	J	2.1	6	329	1.7	-1.0	0.1	1	J
18	410	4.6	108	J	4.3	-10	303	2.2	-3.3	-1.1	1	J
19	410	4.4	136	J	4.0	4	301	1.0	-1.7	-0.2	3	J
20	399	5.5	119	J	3.9	23	329	2.4	-1.6	0.8	3	J
21	376	6.5	60	J	7.2	22	22	6.1	1.8	3.2	2	J
22	355	7.3	64	J	8.2	5	22	7.3	2.7	1.4	2	J
23	386	6.9	67	J	9.1	-32	346	6.9	-0.7	-4.7	4	J
					JUN. 23, 1987							174
1					4.5	-5	337	3.1	-1.3	-0.3	2	J
2	315	6.4	24	J	5.2	-26	336	3.9	-1.6	-2.3	1	J
3	322	6.4	32	J	4.7	-33	338	3.5	-1.1	-2.6	1	J
4	333	7.4	28	J	4.9	-25	304	2.3	-3.0	-2.5	2	J
5												
6												
7												
8												
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14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					JUN. 25, 1987							176
1												
2												
3												
4												
5												
6												
7												
8	307	14.5	18	J	4.3	0	255	-1.0	-3.6	0.6	2	J
9	309	12.4	16	J	5.0	10	257	-1.1	-4.4	1.8	1	J
10	307	8.5	20	J	5.4	-20	233	-2.9	-4.1	-0.8	2	J
11	307	8.6	20	J	4.6	-17	225	-2.9	-3.1	-0.5	2	J
12	302	9.3	16	J	4.8	-2	236	-2.5	-3.7	0.8	2	J
13	301	9.2	20	J	5.2	-15	237	-2.6	-4.2	-0.3	2	J
14	300	8.5	16	J	5.1	-17	227	-3.3	-3.8	-0.7	1	J
15	297	8.0	15	J	5.4	-5	235	-3.1	-4.4	0.2	0	J
16	299	8.5	16	J	5.5	-1	244	-2.4	-4.8	0.4	1	J
17	298	9.1	18	J	5.6	-20	240	-2.5	-4.5	-1.7	1	J
18	310	12.7	23	J	6.8	-17	244	-2.8	-5.6	-2.0	2	J
19	324	18.0	40	J	8.1	-48	206	-3.5	-1.4	-4.4	6	J
20	327	24.8	33	J	8.8	-3	120	-4.1	7.1	0.5	3	J
21	321	21.4	50	J	10.0	-54	194	-4.3	-0.1	-6.2	7	J
22	315	17.6	31	J	10.8	-50	219	-5.3	-2.8	-8.8	2	J
23	315	19.3	37	J	10.0	-51	187	-5.9	0.6	-7.3	3	J
24	312	18.6	29	J	10.7	-47	179	-7.2	1.5	-7.5	2	J
					JUN. 27, 1987							178
1	421	10.3	67	J	9.9	19	30	7.5	3.8	3.6	4	J
2	424	10.8	109	J	8.7	22	37	6.1	4.3	3.6	3	J
3	415	11.4	105	J	6.4	27	118	-1.3	2.4	1.6	6	J
4												
5												
6												
7												
8												
9												
10												
11												
12	456	7.2	86	J	6.0	17	354	3.2	-0.1	1.0	5	J
13	489	5.8	91	J	6.0	14	225	-3.8	-3.4	2.2	2	J
14	484	4.6	84	J	3.9	3	230	-1.6	-1.8	0.5	3	J
15	461	5.3	47	J	3.3	23	203	-2.5	-0.9	1.3	2	J
16	467	5.0	71	J	2.4	35	215	1.3	-0.8	1.3	1	J
17	457	4.6	67	J	2.0	35	127	-0.3	0.4	0.3	2	J
18	445	3.9	61	J	4.7	20	180	-4.2	-0.0	1.5	1	J
19	425	3.8	57	J	3.7	15	193	-3.4	-0.8	0.9	1	J
20	410	4.2	48	J	3.3	20	167	-1.8	0.3	0.7	3	J
21	395	5.8	46	J	3.3	20	168	-2.8	0.4	1.1	1	J
22	389	6.4	52	J	3.9	5	165	-3.6	0.9	0.5	1	J
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUN. 28, 1987							179
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					3.8	25	311	1.0	-0.9	1.0	3	J
14	362	17.4	26	J	3.1	62	293	0.1	-0.2	0.8	3	J
15	365	18.7	29	J	3.0	31	29	2.2	1.5	1.3	1	J
16	364	19.9	25	J	3.3	37	32	2.2	1.6	1.8	1	J
17	360	20.9	30	J	3.8	49	357	2.0	0.0	2.3	2	J
18	356	20.2	28	J	2.9	40	27	1.8	0.9	1.7	1	J
19	348	19.7	26	J	2.4	58	38	0.6	0.4	1.2	2	J
20	342	20.7	26	J	2.8	2	169	-2.7	0.5	0.2	1	J
21	340	20.5	16	J	2.8	12	189	-2.5	-0.5	0.5	1	J
22	339	20.4	24	J	2.5	-9	177	-2.1	0.2	-0.3	1	J
23	348	17.5	29	J	3.1	74	340	0.8	-0.7	2.7	1	J
24	344	16.8	26	J	3.9	67	351	1.0	-0.5	2.3	3	J
					JUN. 29, 1987							180
1	333	15.5	22	J	4.4	29	320	2.9	-1.9	2.6	1	J
2	332	14.1	20	J	4.9	6	315	3.4	-3.2	1.1	1	J
3	336	15.9	22	J	5.5	-6	302	2.8	-4.6	0.0	1	J
4	338	15.8	29	J	5.7	-17	309	2.9	-3.7	-1.1	3	J
5	349	12.2	27	J	6.9	-12	314	4.7	-4.9	-1.4	1	J
6	345	15.0	76	J	6.1	-10	312	3.7	-4.0	-1.2	2	J
7	336	13.2	55	J	5.9	-5	18	5.0	1.7	-0.3	3	J
8	364	12.0	73	J	6.1	-12	24	5.2	2.4	-0.9	2	J
9	357	11.3	57	J	6.2	-25	354	5.4	-0.2	-2.6	1	J
10	352	12.3	72	J	5.8	-33	350	4.8	-0.3	-3.3	1	J
11												
12												
13												
14												
15												
					JUN. 30, 1987							181
1	349	11.0	59	J	5.6	25	319	3.6	-3.3	1.8	2	J
2	347	11.4	61	J	5.0	50	314	2.0	-2.4	3.2	2	J
3	337	11.5	29	J	4.9	11	303	2.4	-3.7	0.7	2	J
4	333	11.6	26	J	4.9	36	312	2.2	-2.5	2.4	3	J
5	335	15.1	23	J	3.8	-14	299	1.6	-3.0	-0.7	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	311	12.1	18	J	3.5	18	114	-1.2	2.9	0.6	1	J
17	311	12.2	19	J	3.2	23	112	-1.0	2.6	0.9	1	J
18	308	12.2	20	J	2.9	1	125	-1.5	2.2	0.0	1	J
19	305	12.4	22	J	3.0	10	143	-2.3	1.7	0.6	1	J
20	306	11.5	14	J	2.9	-26	134	-1.7	1.8	-1.0	1	J
21	308	19.3	126	J	3.1	-19	122	-1.4	2.3	-0.6	1	J
22	306	12.5	16	J	3.2	-4	125	-1.7	2.5	0.1	1	J
23	304	12.2	15	J	3.2	36	108	-0.7	2.0	2.1	1	J
24	305	11.5	13	J	3.3	44	148	-1.9	0.9	2.3	1	J
					JUL. 1, 1987							182
1	303	11.9	17	J	3.1	56	144	-1.3	0.6	2.4	1	J
2	306	13.6	16	J	3.2	45	122	-1.2	1.7	2.3	1	J
3	315	15.9	15	J	2.2	38	106	-0.5	1.5	1.4	1	J
4	312	15.6	15	J	1.6	39	126	-0.6	0.9	0.9	1	J
5	312	16.6	14	J	1.6	31	117	-0.6	1.2	0.7	0	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
16	314	19.4	12	J	3.1	27	270	-0.0	-2.7	1.3	1	J
17	309	19.9	14	J	3.5	-2	289	1.1	-3.1	-0.4	1	J
18	304	19.0	13	J	4.4	11	240	-1.9	-3.4	0.4	2	J
19	306	16.7	14	J	4.8	5	255	-1.2	-4.3	-0.2	2	J
20	314	15.4	14	J	4.5	-7	301	2.2	-3.5	-1.0	1	J
21	308	18.2	14	J	4.6	-13	309	2.8	-3.2	-1.5	1	J
22												
23												
24												
					JUL. 2, 1987							183
1	309	18.7	16	J	4.4	-5	308	2.6	-3.3	-0.7	1	J
2	307	18.6	19	J	4.5	-14	315	3.0	-2.9	-1.3	1	J
3	307	16.3	16	J	4.3	-15	316	2.9	-2.8	-1.2	1	J
4	313	14.1	15	J	4.1	-17	309	2.3	-2.9	-1.1	1	J
5					4.5	-20	305	2.4	-3.6	-1.3	0	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					JUL. 6, 1987							187
20	368	5.3	30	J	5.1	-32	282	0.7	-3.3	-2.3	3	J
21	365	5.6	32	J	5.0	-25	288	1.2	-3.6	-2.2	2	J
22	363	4.9	31	J	4.9	13	291	1.5	-4.0	0.6	2	J
23												
24												
					JUL. 7, 1987							188
1	346	5.4	32	J	4.5	-14	321	3.0	-2.4	-1.1	2	J
2	354	5.7	39	J	4.2	7	304	2.1	-3.1	0.3	2	J
3	357	5.6	41	J	4.2	10	305	2.1	-3.1	0.7	1	J
4	352	6.5	27	J	4.0	10	310	2.2	-2.6	0.7	2	J
5	343	7.6	26	J	3.6	49	19	2.2	1.0	2.6	1	J
6	336	10.3	17	J	3.6	36	9	2.8	0.8	2.0	1	J
7	337	10.7	18	J	3.9	26	322	2.5	-1.6	1.9	1	J
8	334	10.9	23	J	3.6	1	338	2.9	-1.1	0.3	2	J
9	334	12.2	18	J	3.8	14	46	2.5	2.7	0.1	1	J
10	329	11.3	26	J	4.2	23	17	3.5	1.5	1.2	1	J
11	329	11.8	30	J	4.1	37	3	3.1	0.9	2.2	1	J
12	327	11.9	32	J	3.5	27	26	2.4	1.5	0.9	2	J
13	321	13.4	28	J	3.1	4	359	3.0	0.0	0.2	1	J
14	319	12.9	27	J	3.8	-7	11	3.6	0.5	-0.6	1	J
15	323	13.3	31	J	4.6	-34	352	3.4	-1.0	-2.2	2	J
16	326	13.2	28	J	5.1	-28	322	2.9	-2.6	-1.5	3	J
17	328	13.7	24	J	5.2	-28	306	2.5	-3.8	-1.8	2	J
18	322	14.5	25	J	5.6	-25	311	3.2	-3.8	-2.0	2	J
19	324	15.0	33	J	5.2	-10	323	3.8	-2.9	-0.8	2	J
20	325	16.7	31	J	6.3	-18	333	4.8	-2.4	-1.9	3	J
21	338	23.6	17	J	4.8	1	277	0.5	-4.4	-0.2	2	J
22	343	25.8	20	J	4.0	-2	298	1.7	-3.2	-0.4	2	J
23	341	29.3	19	J	4.1	14	94	-0.1	2.0	0.7	4	J
24	340	29.0	16	J	4.7	-10	118	-2.1	4.1	-0.4	1	J
					JUL. 8, 1987							189
1												
2												
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21												
22												
23												
24												
16	352	22.2	41	J	9.9	12	121	-4.8	8.0	1.9	2	J
17	367	19.3	43	J	10.0	8	121	-4.7	7.9	0.9	4	J
18	373	14.5	40	J	10.4	13	120	-4.9	8.7	1.4	3	J
19	382	15.7	79	J	6.5	-36	274	0.4	-5.6	-2.8	2	J
20	390	14.6	101	J	6.9	-47	234	-2.2	-3.9	-3.4	4	J
21												
22												
23												
24												
16	429	9.9	122	J	7.4	53	78	0.9	5.9	4.0	1	J
17	457	16.0	550	J	7.3	15	105	-1.5	5.8	-0.3	4	J
18	431	8.8	124	J	7.0	-5	116	-2.8	5.3	-2.2	3	J
19	445	8.5	100	J	7.1	16	111	-2.3	6.3	0.3	3	J
20					6.9	-5	140	-4.7	3.8	-1.3	3	J
21	444	7.9	83	J	6.9	26	134	-3.9	4.3	2.1	3	J
22	445	7.6	82	J	7.1	11	118	-3.0	5.7	0.8	3	J
23	448	7.3	78	J	6.8	-10	106	-1.7	5.9	-1.2	2	J
24												
16	451	8.0	58	J	6.1	-35	94	-0.3	4.9	-2.9	2	J
17	428	8.7	96	J	6.0	-16	142	-3.9	3.2	-1.1	3	J
18	425	7.9	62	J	6.4	17	132	-3.6	3.9	2.0	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 9, 1987							190
1	428	8.1	77	J	6.1	14	127	-3.0	3.9	1.5	3	J
2	449	8.5	72	J	5.9	2	98	-0.8	5.5	0.4	2	J
3												
4												
5	404	8.1	62	J	6.6	-12	150	-5.3	2.9	-1.6	1	J
6	412	8.6	49	J	6.4	-12	125	-3.4	4.5	-2.0	2	J
7	419	9.0	52	J	5.7	-6	87	0.2	4.5	-1.5	3	J
8												
9												
10												
11												
12												
13												
14	410	15.1	59	J	7.3	10	64	3.1	6.5	-0.7	1	J
15	403	14.9	56	J	8.5	20	106	-1.9	6.9	0.7	5	J
16	405	13.8	38	J	9.3	54	136	-3.9	5.2	6.5	1	J
17	426	21.8	59	J	7.7	15	283	1.6	-6.7	2.9	2	J
18	397	19.0	59	J	9.0	42	190	-5.3	-0.5	4.9	5	J
19	393	17.1	61	J	9.3	4	140	-6.3	5.3	0.4	4	J
20	394	17.6	63	J	8.6	12	129	-4.9	6.0	1.8	3	J
21	394	18.5	61	J	7.0	-39	133	-3.2	3.7	-3.6	4	J
22	395	12.5	61	J	7.4	-38	135	-3.1	3.4	-3.2	5	J
23	405	9.6	101	J	5.5	24	125	-2.6	3.6	2.3	2	J
24	406	9.4	110	J	5.0	5	135	-2.3	2.2	0.5	4	J
					JUL. 11, 1987							192
1	398	12.2	37	J	5.2	25	85	0.4	4.2	2.2	2	J
2	400	11.6	35	J	6.3	4	90	0.0	6.0	0.5	2	J
3	396	10.9	43	J	5.9	-15	97	-0.7	5.3	-1.6	2	J
4	398	9.4	38	J	6.7	7	76	1.5	5.9	0.3	3	J
5	393	9.2	34	J	6.6	-7	92	-0.2	6.3	-1.6	1	J
6												
7												
8												
9												
10												
11												
12	397	8.5	37	J	5.7	-17	53	3.2	3.4	-3.0	1	J
13	384	8.8	26	J	5.6	-13	71	1.7	4.2	-2.8	2	J
14	381	9.4	25	J	5.8	15	85	0.5	5.4	-0.3	2	J
15	376	9.6	25	J	5.8	-20	96	-0.5	4.4	-3.1	2	J
16	377	9.1	26	J	6.0	-1	96	-0.6	5.5	-1.3	2	J
17	376	9.7	26	J	5.4	2	105	-1.3	4.8	-0.6	2	J
18	361	9.1	35	J	5.9	17	128	-3.2	4.3	1.2	2	J
19	365	9.5	40	J	6.0	35	116	-1.5	3.1	2.2	5	J
20	385	12.8	30	J	6.0	28	66	2.1	4.7	2.8	1	J
21					5.8	24	77	1.1	4.7	2.4	2	J
22					6.7	-11	72	1.9	5.9	-0.8	3	J
23					6.4	-23	48	3.8	4.4	-2.1	2	J
24												
					JUL. 13, 1987							194
1	362	14.5	54	J	4.4	12	261	-0.6	-3.9	0.7	2	J
2	368	13.9	51	J	5.9	31	261	-0.8	-4.8	2.9	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	387	13.1	25	J	4.9	33	194	-3.8	0.0	2.7	1	J
13												
14												
15												
16												
17	386	10.2	31	J	7.3	41	205	-5.0	-1.5	5.1	1	J
18	392	12.4	49	J	7.1	40	209	-4.7	-2.1	4.8	1	J
19	386	14.5	42	J	5.9	44	216	-3.1	-2.1	3.9	3	J
20	386	14.5	42	J	6.4	49	186	-4.0	-0.4	4.6	2	J
21	375	15.8	36	J	5.2	-11	57	2.2	3.5	-0.7	3	J
22	378	15.4	49	J	4.0	25	323	1.4	-1.1	0.8	4	J
23	396	13.1	62	J	6.1	9	276	0.6	-5.6	0.6	2	J
24	402	14.6	63	J	5.8	24	251	-1.5	-4.5	1.9	3	J
					JUL. 15, 1987							196
1	373	16.3	46	J	4.5	4	288	1.1	-3.4	0.2	3	J
2	374	16.9	51	J	4.0	53	282	0.4	-2.0	2.8	2	J
3	368	15.1	43	J	5.2	30	148	-3.8	2.5	2.5	1	J
4					5.7	44	283	0.6	-2.2	2.7	5	J
5					7.4	4	303	4.0	-6.0	1.5	1	J
6												
7												
8												
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VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				JUL. 10, 1987							191
407	9.5	104	J	6.0	-24	123	-2.6	4.1	-1.9	3	J
412	8.9	84	J	5.0	-69	149	-1.4	0.9	-4.2	2	J
409	8.2	58	J	5.4	-40	128	-2.4	3.0	-3.3	2	J
				7.3	34	128	-3.7	5.7	2.7	1	J
404	10.7	47	J	7.2	24	113	-2.3	5.9	1.4	3	J
				6.9	19	112	-2.2	5.6	1.2	3	J
397	10.5	65	J	6.9	27	157	-4.8	2.3	2.5	3	J
402	10.3	81	J	6.8	-8	123	-3.3	5.0	-1.0	3	J
395	8.4	56	J	7.1	-11	114	-2.5	5.6	-1.1	3	J
398	7.9	45	J	7.2	1	94	-0.5	6.8	0.5	2	J
390	8.5	61	J	6.0	-8	113	-2.2	5.2	-0.4	2	J
392	9.5	54	J	5.4	22	117	-1.6	3.0	1.6	4	J
				JUL. 12, 1987							193
381	16.9	69	J	6.9	-26	346	5.8	-2.4	-2.2	2	J
				6.2	-15	37	4.4	2.6	-2.6	2	J
378	18.8	44	J	6.2	-27	11	5.2	0.0	-2.9	2	J
				4.4	44	352	3.0	0.5	2.9	1	J
377	21.5	42	J	5.7	35	4	4.5	1.2	2.9	2	J
365	18.5	44	J	5.5	67	358	1.9	0.9	4.4	3	J
372	19.7	32	J	4.7	66	308	0.9	-0.6	3.4	3	J
365	18.3	36	J	4.2	3	337	3.7	-1.5	0.4	1	J
364	17.6	39	J	4.0	-14	351	3.5	-0.6	-0.9	2	J
371	20.5	30	J	5.0	7	37	3.8	2.9	0.6	2	J
360	18.3	43	J	5.7	-11	8	5.2	0.8	-1.0	2	J
360	17.5	46	J	5.4	3	333	4.5	-2.3	0.1	2	J
359	15.5	41	J	4.8	4	315	2.5	-2.5	0.1	3	J
362	13.8	51	J	3.7	-14	280	0.5	-2.6	-0.8	2	J
				JUL. 14, 1987							195
392	13.3	77	J	6.7	7	285	1.4	-5.2	0.5	4	J
405	12.9	49	J	8.1	32	153	-5.0	2.6	3.5	5	J
413	12.7	60	J	8.9	30	165	-7.0	2.1	4.1	3	J
420	11.5	56	J	9.3	27	198	-7.7	-2.1	4.3	2	J
406	13.7	77	J	9.1	10	221	-6.7	-5.5	2.4	1	J
404	6.7	55	J	7.6	7	343	7.2	-1.8	1.5	1	J
387	8.6	68	J	6.8	6	336	6.2	-2.5	1.3	1	J
377	10.3	46	J	6.2	-1	338	5.6	-2.2	0.3	2	J
373	10.1	33	J	6.2	-17	341	5.5	-2.1	-1.6	1	J
366	10.2	42	J	5.6	-13	350	5.3	-1.0	-1.2	1	J
369	11.7	56	J	5.3	-8	344	4.4	-1.3	-0.6	3	J
375	13.1	36	J	6.0	-5	313	3.9	-4.1	-0.6	2	J
373	14.6	49	J	5.3	-14	321	3.8	-3.0	-1.3	2	J
				5.1	4	312	2.8	-3.1	0.1	3	J
380	15.0	40	J	5.4	14	280	0.9	-5.0	1.0	1	J
				JUL. 19, 1987							200
471	5.5	59	J	5.2	9	291	1.4	-3.4	1.5	3	J
483	5.3	74	J	4.8	29	295	1.3	-2.2	2.4	3	J
473	5.4	73	J	5.1	12	306	2.5	-2.9	1.9	2	J
466	5.1	55	J	4.6	23	341	3.4	-0.6	1.8	2	J
465	4.8	51	J	4.3	-33	10	3.1	-0.3	-2.1	2	J
480	5.7	89	J	4.7	-25	294	1.2	-3.0	-0.2	3	J
473	5.1	68	J	4.5	-18	314	2.0	-2.3	-0.0	3	J
467	4.9	56	J	4.6	5	4	3.3	0.3	0.2	3	J
473	5.1	77	J	4.5	-40	348	2.6	-1.3	-1.9	3	J
457	5.0	63	J	4.7	-18	335	3.4	-1.9	-0.6	2	J
458	5.5	64	J	5.3	-2	342	4.3	-1.4	0.2	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 20, 1987							201
1												
2	468	6.1	86	J	5.9	4	292	1.7	-4.2	0.5	4	J
3	466	5.9	85	J	6.1	10	296	2.2	-4.4	1.3	3	J
4	469	5.9	75	J	6.1	7	291	1.8	-4.6	1.2	3	J
5	495	5.2	87	J	6.0	-12	273	0.3	-5.5	-0.1	2	J
6	471	5.0	86	J	5.8	23	308	2.7	-2.9	2.6	3	J
7	483	5.0	123	J	5.0	9	308	1.8	-2.1	1.1	4	J
8	483	4.5	101	J	4.9	15	297	1.6	-2.6	1.9	3	J
9	477	4.7	102	J	5.2	-8	312	2.8	-3.2	0.6	3	J
10	504	5.1	100	J	5.8	18	264	-0.5	-3.8	3.3	3	J
11	511	5.3	79	J	6.1	25	261	-0.8	-3.8	4.3	2	J
12	489	5.3	96	J	5.8	20	285	1.3	-3.8	3.7	2	J
13	479	5.2	85	J	5.4	-12	304	1.3	-2.0	0.3	5	J
14	475	5.5	89	J	5.8	11	300	2.4	-3.5	2.3	3	J
15	463	5.1	76	J	5.9	26	329	3.9	-1.5	2.9	3	J
16	466	5.9	86	J	6.1	-19	301	2.4	-4.3	-0.5	4	J
17	455	5.8	88	J	5.9	-21	323	3.4	-2.8	-1.0	4	J
18	435	5.6	110	J	5.8	-8	339	4.9	-2.0	-0.4	2	J
19												
20												
21												
22												
23	465	5.4	116	J	5.6	33	321	2.7	-2.2	2.3	4	J
24	453	5.4	111	J	5.3	29	336	2.7	-1.2	1.6	4	J
					JUL. 21, 1987							202
429	4.7	75	J		5.4	6	350	4.9	-0.8	0.6	2	J
448	5.3	93	J		5.9	-16	303	2.8	-4.5	-0.6	3	J
419	4.2	38	J		5.4	0	343	4.9	-1.4	0.4	2	J
425	4.1	38	J		5.5	-15	329	4.1	-2.8	-0.5	2	J
439	5.3	87	J		5.9	-30	320	3.6	-3.8	-1.6	2	J
423	4.7	57	J		5.7	-15	329	4.3	-2.9	-0.3	2	J
433	5.3	74	J		5.5	-1	315	3.3	-3.1	1.2	3	J
438	5.4	72	J		5.1	6	304	2.3	-2.9	1.8	3	J
435	5.0	69	J		4.5	29	309	2.0	-1.5	2.6	3	J
418	5.6	68	J		5.0	34	61	1.6	3.6	0.9	3	J
405	6.3	58	J		4.8	-2	43	2.9	2.4	-1.1	3	J
407	5.7	54	J									
415	5.6	49	J									
413	5.9	54	J		5.3	41	46	2.6	3.1	2.7	2	J
415	6.3	91	J		4.2	46	338	2.0	-0.6	2.3	3	J
413	6.4	78	J		4.8	24	320	2.9	-2.3	1.8	2	J
415	6.2	92	J		4.6	26	316	2.6	-2.5	1.8	2	J
408	6.2	89	J		4.8	-5	342	3.5	-1.1	-0.3	3	J
413	5.8	77	J		4.4	-32	6	2.6	0.3	-1.6	3	J
408	5.9	91	J		4.9	-17	26	3.4	1.6	-1.1	3	J
					JUL. 22, 1987							203
1	411	6.0	78	J	5.1	-1	342	3.1	-1.0	-0.0	4	J
2	408	6.2	78	J	5.4	-5	311	2.3	-2.6	-0.2	4	J
3												
4												
5												
6	431	7.2	78	J	5.2	-47	332	3.1	-2.5	-3.2	1	J
7	417	7.2	73	J	5.4	-56	10	2.9	-0.8	-4.4	1	J
8	409	7.3	60	J	5.1	-41	353	2.9	-1.2	-2.3	3	J
9	413	7.9	65	J	5.2	-32	313	2.3	-3.0	-1.0	4	J
10	418	7.7	58	J	5.5	28	283	1.0	-3.1	4.0	2	J
11	392	8.5	88	J	5.8	15	336	4.5	-1.3	2.0	3	J
12	392	8.1	85	J	5.9	5	314	3.7	-3.3	2.0	2	J
13	395	7.8	80	J	5.7	26	323	3.5	-1.6	3.0	3	J
14	408	7.3	53	J	5.9	29	285	1.2	-3.3	4.1	2	J
15	395	7.7	68	J	5.9	34	303	2.4	-2.5	4.0	2	J
16	395	7.8	73	J	5.4	1	295	2.1	-4.3	1.4	2	J
17	395	7.0	50	J	5.0	1	6	2.6	0.3	-0.0	4	J
18	399	7.1	54	J	5.3	-4	43	2.5	2.2	-0.6	4	J
19	397	7.2	68	J	5.4	-24	42	3.4	2.8	-2.4	2	J
20	388	7.2	57	J	5.4	-38	360	3.4	-0.2	-2.6	3	J
21	398	7.0	55	J	5.3	-24	40	2.9	2.4	-1.7	3	J
22	415	6.9	59	J	5.5	-10	275	0.4	-4.2	-0.7	3	J
23	400	6.7	57	J	5.1	-7	354	2.7	-0.3	-0.3	4	J
24	398	7.3	50	J	5.5	-1	56	3.0	4.5	-0.1	1	J
					JUL. 23, 1987							204
386	7.9	61	J		5.6	9	40	4.0	3.4	0.7	2	J
380	7.7	41	J		5.7	20	14	4.8	1.3	1.7	2	J
385	7.7	56	J		5.4	19	24	4.0	1.9	1.3	3	J
380	7.1	36	J		5.5	13	27	4.6	2.5	0.8	2	J
					6.1	10	276	0.6	-5.2	3.0	1	J
375	8.3	27	J		6.1	10	272	0.2	-5.1	3.2	1	J
376	8.3	26	J		6.3	4	265	-0.5	-5.5	2.9	1	J
374	8.6	24	J		6.0	-1	264	-0.6	-5.3	2.3	2	J
360	8.4	36	J		5.8	-3	285	1.4	-4.9	1.9	2	J
354	8.1	34	J		5.8	-16	289	1.7	-5.0	0.6	2	J
372	8.8	24	J		6.4	-43	239	-2.3	-5.2	-2.5	2	J
352	8.8	24	J		6.2	-31	278	0.7	-5.4	-1.1	3	J
343	8.6	25	J		6.3	-41	305	2.2	-3.9	-2.2	4	J
346	8.8	27	J		6.1	-32	277	0.6	-5.5	-1.9	2	J
334	8.7	19	J		5.9	-42	326	3.5	-2.9	-3.3	2	J
337	9.1	24	J		5.9	-41	349	3.2	-0.9	-2.7	4	J
331	9.4	26	J		6.1	-34	319	3.4	-3.1	-2.8	3	J
324	9.8	32	J		6.1	-34	8	4.7	0.5	-3.2	2	J
318	8.8	42	J		5.7	-7	1	5.4	0.1	-0.7	2	J
325	9.4	39	J		5.9	-17	336	4.5	-2.0	-1.5	3	J
321	9.8	50	J		6.1	1	335	5.3	-2.4	0.1	2	J
					JUL. 24, 1987							205
1	324	10.3	39	J	6.3	15	338	5.3	-2.1	1.6	2	J
2	326	10.2	38	J	6.1	4	329	4.4	-2.6	0.5	3	J
3	332	11.1	31	J	5.7	12	308	3.0	-3.7	1.4	3	J
4	337	11.3	33	J	5.8	12	292	1.8	-4.1	1.7	3	J
5	346	10.8	30	J	5.8	-21	258	-1.1	-5.3	-0.9	2	J
6												
7												
8												
9	325	9.1	32	J	5.0	23	283	0.9	-3.0	3.1	2	J
10	310	8.5	41	J	4.8	16	337	3.8	-1.0	1.7	2	J
11	316	9.3	37	J	5.4	6	310	3.1	-3.1	2.0	2	J
12	315	9.6	41	J	5.5	4	320	3.7	-2.7	1.6	3	J
13	315	9.3	32	J	5.2	2	315	3.3	-3.0	1.5	2	J
14	323	9.6	28	J	5.4	-2	303	2.8	-4.1	1.5	2	J
15	317	10.7	33	J	5.2	31	327	3.7	-1.3	3.3	1	J
16	320	11.6	26	J	5.4	19	300	2.4	-3.4	2.8	2	J
17	352	19.3	48	J	7.9	-25	276	0.6	-6.6	-1.3	5	J
18	377	28.1	62	J	11.6	-32	262	-1.3	-10.2	-4.1	3	J
19	361	32.8	64	J	10.7	13	279	1.3	-8.2	3.0	6	J
20	347	35.1	74	J	10.1	22	303	4.5	-6.7	3.9	5	J
21					6.3	3	86	0.3	4.7	0.1	5	J
22	340	32.5	71	J	6.3	-11	132	-3.9	4.3	-1.2	3	J
23	345	35.0	79	J	7.5	-8	144	-5.6	4.1	-1.0	3	J
24	350	33.0	87	J	6.4	-18	174	-5.3	0.5	-1.7	3	J
					JUL. 25, 1987							206
356	34.6	52	J		6.7	14	233	-3.7	-4.9	1.8	2	J
353	40.9	49	J		4.7	-8	208	-3.5	-1.9	-0.4	3	J
358	39.3	61	J		5.4	-4	184	-3.6	-0.3	-0.2	4	J
353	26.4	63	J		7.1	5	246	-1.0	-2.1	0.6	7	J
338	33.7	39	J		4.6	35	203	-2.9	-0.7	2.5	3	J
347	26.6	46	J		9.0	-70	101	-0.6	-0.7	-9.0	0	J
336	26.5	51	J		7.7	-55	59	1.8	0.6	-5.7	5	J
331	24.0	87	J		7.2	-29	338	5.4	-3.3	-2.0	3	J
336	23.3	72	J		6.9	10	308	3.8	-4.0	3.0	3	J
345	22.9	43	J		8.0	13	269	-0.1	-5.5	4.0	4	J
357	22.3	45	J		8.5	-13	251	-2.6	-7.8	0.9	2	J
355	19.9	43	J		8.1	-28	238	-3.7	-6.8	-1.8	2	J
359	19.1	25	J		8.4	-17	247	-3.0	-7.4	-0.6	2	J
351	20.0	32	J		5.2	-8	253	-1.4	-4.5	0.2	2	J
345	14.4	38	J		6.9	-8	232	-3.9	-5.1	-0.2	3	J
344	10.3	22	J		9.0	-21	232	-4.8	-6.3	-2.5	3	J
337	10.6	16	J		9.2	-14	208	-7.7	-4.2	-2.0	2	J
348	9.6	23	J		9.7	-3	222	-6.8	-6.1	-0.3	3	J
340	10.9	30	J		9.1	-15	200	-7.9	-2.9	-2.2	3	J
340	6.5	30	J		9.1	-14	189	-8.4	-1.4	-2.1	2	J
					JUL. 26, 1987							207
1	333	8.1	20	J	9.3	-7	187	-8.9	-1.1	-1.0	2	J
2	333	8.6	18	J	9.2	-6	173	-8.9	1.0	-1.0	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	338	10.4	21	J	7.3	78	292	0.6	1.8	7.0	1	J
13	339	9.3	19	J	7.1	67	321	2.1	1.1	6.6	1	J
14	342	9.2	26	J	6.8	65	358	2.9	2.3	5.7	1	J
15	339	8.5	20	J	6.3	61	336	2.7	0.8	5.5	1	J
16	335	8.8	19	J	5.9	80	11	0.9	1.8	5.0	2	J
17	326	8.0	15	J	5.8	75	250	-0.5	0.0	5.4	2	J
18	321	8.6	20	J	5.3	72	147	-1.2	1.7	4.3	2	J
19	315	8.4	25	J	5.5	58	149	-2.4	2.0	4.3	2	J
20	321	7.9	18	J	5.4	78	162	-1.0	0.8	5.0	1	J
21					5.3	40	125	-2.0	3.0	2.7	3	J
22	313	8.8	24	J	5.7	34	125	-2.6	3.8	3.0	1	J
23					5.5	57	139	-1.5	1.4	3.0	4	J
24					6.0	53	222	2.3	1.9	4.1	3	J
					JUL. 27, 1987							208
330	11.6	10	J		5.8	-31	95	-0.4	4.2	-2.9	3	J
330	11.8	11	J		5.7	-35	91	-0.1	4.3	-3.6	1	J
317	11.3	12	J		5.8	-25	103	-1.2	4.8	-3.1	1	J
324	13.0	15	J		5.1	-28	97	-0.5	3.8	-3.0	1	J
321	15.4	21	J		4.8	56	97	-0.3	3.9	2.5	1	J
311	13.3	21	J									
302	12.2	15	J									

AUG. 1, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	399	13.1	49	J	8.3	-5	102	-0.9	4.1	-0.7	7	J
2	400	15.8	67	J	7.3	3	58	3.2	5.2	-0.3	4	J
3	405	12.2	58	J	7.9	-8	74	1.9	6.4	-2.0	4	J
4	409	11.2	57	J	8.6	-34	48	4.3	3.8	-5.2	3	J
5	411	10.6	65	J	6.8	3	96	-0.4	3.6	-0.7	6	J
6	420	8.3	110	J	7.8	-19	303	3.4	-5.6	-0.5	4	J
7	465	8.1	133	J	8.3	-2	281	0.8	-4.0	1.3	7	J
8	459	8.5	119	J	6.9	3	276	0.5	-4.1	2.0	5	J
9	442	9.2	135	J	7.3	-6	319	5.0	-4.3	1.2	3	J
10	427	6.7	87	J	7.1	-4	330	5.9	-3.2	1.1	2	J
11	447	7.5	105	J	6.2	-5	313	3.3	-3.4	1.3	4	J
12	475	8.4	117	J	4.7	19	266	-0.3	-2.8	3.0	2	J
13	465	6.4	99	J	5.8	-18	321	3.6	-3.3	-0.0	3	J
14	476	6.8	100	J	4.9	42	269	-0.0	-1.5	3.4	3	J
15	491	6.6	87	J	3.9	10	231	-1.9	-2.0	1.4	2	J
16	475	7.1	90	J	4.1	24	299	1.2	-1.7	1.8	3	J
17	484	6.8	86	J	3.9	37	186	-2.9	0.3	2.2	2	J
18												
19												
20												
21												
22												
23												
24												

AUG. 2, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	409	5.8	45	J	5.5	-13	343	5.0	-1.7	-1.0	1	J
2	401	7.3	55	J	5.1	-18	337	4.3	-2.1	-1.1	1	J
3	387	7.9	42	J	5.7	45	277	0.3	-1.6	2.8	5	J
4	380	8.5	40	J	4.8	-33	297	1.6	-3.7	-1.2	2	J
5	380	7.7	39	J	4.9	1	260	-0.7	-3.5	1.4	3	J
6	373	7.4	37	J	4.6	-6	308	2.6	-3.2	0.9	2	J
7	378	7.7	40	J	4.4	-24	310	1.6	-2.2	-0.2	4	J
8	401	5.3	44	J	5.1	-8	331	4.2	-2.4	0.4	2	J
9	397	6.2	46	J	4.8	-10	344	4.3	-1.4	-0.1	1	J
10	406	6.5	70	J	5.7	-21	349	5.0	-1.8	-1.3	1	J
11	402	7.1	72	J	5.5	-19	353	5.1	-1.3	-1.3	1	J
12	408	9.6	41	J	5.4	-11	354	2.8	-0.5	-0.4	5	J
13	402	9.0	47	J	5.3	20	182	-4.9	0.5	1.7	1	J
14	375	10.4	54	J	4.0	-2	350	2.7	-0.5	0.1	3	J
15	354	7.4	72	J	4.7	-5	346	4.3	-1.2	-0.1	1	J
16	368	7.9	45	J	5.4	-24	347	4.7	-1.6	-1.9	1	J
17	362	7.2	46	J	5.1	-19	335	4.2	-2.2	-1.2	1	J
18												
19												
20												
21												
22												
23												
24												

AUG. 3, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5	366	11.3	37	J	4.2	24	315	1.8	-1.5	1.6	3	J
6	370	12.3	22	J	4.6	48	160	-2.8	2.0	2.9	1	J
7	388	16.0	32	J	7.9	36	137	-4.5	5.5	2.7	2	J
8	416	17.6	37	J	10.0	75	173	-2.4	3.8	8.0	4	J
9	409	12.3	27	J	12.1	42	127	-5.2	9.6	4.1	3	J
10	399	14.5	66	J	12.4	21	142	-8.7	8.0	0.7	4	J
11					13.0	4	156	-11.4	4.9	-1.6	4	J
12	378	16.9	25	J	12.6	-20	176	-11.5	-1.2	-4.1	3	J
13	379	20.0	43	J	10.5	-33	200	-8.0	-5.1	-3.6	3	J
14	378	21.9	30	J	9.7	-46	216	-5.3	-6.4	-4.5	2	J
15	384	28.8	38	J	9.2	-47	183	-5.9	-2.8	-5.7	3	J
16	395	34.4	55	J	9.2	-35	163	-4.2	0.1	-3.4	8	J
17	400	30.6	67	J	9.3	-21	282	1.5	-7.3	-0.6	6	J
18	400	28.2	81	J	9.1	53	48	0.9	1.4	1.5	9	J
19	399	18.2	97	J	6.3	25	300	2.1	-3.2	2.6	4	J
20	395	14.0	96	J	7.0	51	134	-1.4	1.8	2.3	6	J
21	429	5.8	138	J	8.1	30	96	-0.7	7.2	3.3	1	J
22	419	5.8	116	J	8.4	30	71	2.3	6.9	3.5	3	J
23	416	5.9	89	J	7.2	25	66	2.6	6.1	2.6	2	J
24	415	6.1	74	J	6.9	33	65	2.4	5.4	3.3	1	J

AUG. 4, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	420	5.6	74	J	6.9	18	81	1.0	6.5	1.4	2	J
2	438	4.3	68	J	7.5	22	87	0.4	7.2	1.9	1	J
3	448	4.7	55	J	6.6	20	98	-0.9	6.4	1.2	1	J
4												
5	413	5.6	34	J	6.2	24	105	-1.5	6.0	0.7	1	J
6	417	6.6	37	J	5.4	20	81	0.7	5.0	-0.1	2	J
7	402	9.7	51	J	3.9	2	94	-0.2	3.2	-1.3	2	J
8	398	9.9	60	J	3.8	-7	92	-0.1	2.1	-1.4	3	J
9	391	10.0	59	J	3.6	3	115	-1.0	2.0	-0.9	3	J
10	387	10.3	61	J	3.3	-8	129	-1.5	1.5	-1.2	2	J
11	382	10.4	50	J	3.4	34	66	0.9	2.4	0.4	2	J
12	376	10.0	39	J	3.5	13	91	-0.0	2.1	-0.5	3	J
13	375	9.7	33	J	3.8	-22	137	-2.4	1.5	-2.2	1	J
14	373	10.0	31	J	4.1	-23	149	-3.2	1.1	-2.2	1	J
15	378	11.8	41	J	4.3	0	145	-3.0	2.0	-0.7	2	J
16	385	13.7	38	J	4.0	15	73	0.8	2.6	-0.1	3	J
17	393	16.4	50	J	5.5	15	80	0.8	4.6	0.1	3	J
18	406	15.3	57	J	7.3	7	111	-1.9	5.0	-0.3	5	J
19	398	15.1	66	J	7.7	-12	134	-5.2	5.1	-2.3	1	J
20	403	14.8	67	J	6.8	-1	130	-4.2	5.0	-0.6	2	J
21	416	13.4	38	J	9.5	3	97	-1.1	9.3	-0.3	2	J
22	426	16.1	67	J	9.1	8	97	-0.9	7.6	0.5	5	J
23	437	16.9	131	J	6.8	-16	128	-3.1	3.9	-1.8	5	J
24												

AUG. 5, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	456	12.2	160	J	7.2	-40	129	-2.5	2.7	-3.6	5	J
2	476	11.8	255	J	6.7	-7	127	-2.5	3.2	-1.0	5	J
3	486	13.0	198	J	6.0	0	67	1.8	4.2	-0.7	4	J
4	463	13.0	185	J	5.4	-2	126	-2.1	2.7	-0.7	4	J
5												
6												
7												
8	453	11.0	153	J	7.2	-22	123	-2.6	2.8	-3.4	5	J
9	453	10.4	124	J	8.8	-22	107	-2.2	5.1	-5.8	4	J
10	441	10.4	146	J	7.6	-25	108	-2.0	4.0	-5.4	3	J
11	431	10.2	121	J	6.9	5	118	-2.9	5.1	-2.1	3	J
12	424	10.3	106	J	6.5	-5	125	-3.3	3.9	-2.7	3	J
13	429	11.4	143	J	5.7	9	138	-4.1	3.7	-0.9	1	J
14	426	10.9	132	J	5.2	-1	154	-4.6	2.0	-1.1	1	J
15	436	9.9	109	J	5.2	-8	129	-2.7	2.9	-1.9	3	J
16	431	8.8	115	J	4.8	-29	174	-3.7	-0.4	-2.1	2	J
17	436	9.6	132	J	4.6	-22	178	-3.8	-0.3	-1.5	2	J
18	435	9.5	146	J	4.6	18	173	-3.6	0.7	1.0	3	J
19	460	11.5	57	J	2.5	-27	46	1.3	1.1	-1.2	1	J
20	464	10.8	67	J	2.3	-39	22	1.2	0.3	-1.1	2	J
21	462	10.8	61	J	2.2	28	169	-1.0	0.3	0.5	2	J
22	456	10.3	40	J	3.6	17	203	-3.1	-1.2	1.1	1	J
23	456	9.6	36	J	4.2	23	210	-3.3	-1.8	1.7	1	J
24	452	10.5	44	J	4.2	11	199	-3.7	-1.2	0.9	1	J

AUG. 6, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	433	10.3	63	J	4.1	6	201	-3.7	-1.4	0.6	1	J
2	439	11.3	50	J	3.4	21	275	0.3	-2.8	1.5	1	J
3	443	11.8	61	J	2.6	-6	210	-2.2	-1.3	-0.0	1	J
4	436	11.3	60	J	3.2	-15	200	-1.8	-0.8	-0.4	2	J
5	442	11.3	57	J	3.0	17	214	-2.1	-1.2	1.2	1	J
6												
7												
8	433	9.6	88	J	5.1	2	140	-3.8	2.9	-1.2	1	J
9	420	10.4	81	J	4.3	18	133	-2.4	2.8	-0.2	3	J
10	416	12.9	59	J	5.5	-5	163	-4.8	1.1	-1.1	2	J
11	412	10.9	39	J	7.6	-20	179	-6.8	-1.1	-2.2	3	J
12	407	11.8	43	J	8.0	-26	179	-7.1	-1.5	-3.1	2	J
13	416	13.4	48	J	8.1	-7	124	-3.6	4.5	-3.1	5	J
14	422	13.8	58	J	7.5	-2	85	0.6	5.9	-2.9	4	J
15	427	12.1	53	J	8.6	32	31	6.0	4.9	2.8	3	J
16	435	11.7	72	J	7.5	19	46	4.1	4.6	0.6	4	J
17	437	9.3	59	J	8.0	11	41	5.6	5.0	0.2	3	J
18	435	9.4	73	J	7.1	14	55	3.6	5.3	0.5	3	J
19	447	9.7	82	J	6.5	3	70	2.1	5.8	-0.5	2	J
20	433	8.8	86	J	6.4	-19	111	-1.9	4.6	-2.3	3	J
21	423	8.6	82	J	5.9	-12	122	-2.7	4.3	-1.5	3	J
22	422	9.3	90	J	6.0	9	96	-0.6	5.8	0.4	2	J
23	413	8.7	69	J	5.7	7	115	-2.2	4.7	0.2	2	J
24												

AUG. 7, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	405	8.9	78	J	5.0	-4	132	-3.3	3.6	-0.7	1	J
2	402	8.5	83	J	5.1	1	142	-4.0	3.1	-0.4	1	J
3	397	8.1	87	J	5.0	0	156	-4.6	2.0	-0.4	1	J
4	394	7.5	115	J	4.1	9	153	-3.4	1.8	0.2	1	J
5	400	7.2	107	J	4.1	8	144	-3.2	2.4	-0.1	1	J
6												
7												
8												
9												
10												
11	381	9.3	38	J	4.5	12	62	2.0	3.8	-1.0	1	J
12	364	9.2	70	J	4.4	-2	146	-3.5	2.0	-1.3	1	J
13	367	9.8	60	J	4.3	8	128	-2.5	3.1	-1.0	1	J
14	367	9.4	57	J	4.6	8	138	-3.2	2.9	-0.7	1	J
15	363	9.4	58	J	4.5	22	147	-3.3	2.6	0.6	2	J
16	356	9.8	65	J	4.4	10	154	-3.5	1.9	0.0	2	J
17	366	10.6	52	J	4.7	33	107	-1.0	3.6	1.1	3	J
18	359	10.9	64	J	4.4	1	136	-3.0	2.8	0.7	1	J
19	354	10.6	65	J	4.4	5	146	-3.5	2.4	-0.1	1	J
20	350	10.3	70	J	4.5	23	144	-3.3	2.6	1.3	1	J
21	346	10.3	72	J	4.7	16	155	-4.0	2.0	1.0	1	J
22	342	10.2	46	J	4.8	10	173	-4.3	0.6	0.7	2	J
23	350	11.5	56	J	4.9	32	141	-2.8	2.5	2.1	2	J
24	353	10.3	54	J	6.2	18	134	3.6	3.9	1.3	3	J

AUG. 8, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	362	8.3	50	J	6.8	-4	140	-5.1	4.2	-1.0	2	J
2	358	8.8	67	J	6.6	-1	140	-4.9	4.1	-0.7	2	J
3	365	6.8	71	J	7.6	-2	140	-5.8	4.7	-1.2	1	J
4												
5												
6												
7												
8												
9												
10												
11	339	20.2	20	J	7.0	2	135	-4.9	4.4	-2.2	1	J
12	347	19.9	23	J	8.3	-6	126	-4.8	5.4	-3.9	1	J
13	337	31.2	13	J	7.5	-5	148	-6.2	3.2	-2.3	1	J
14	342	28.2	18	J	8.2	-1	128	-5.0	5.8	-2.8	1	J
15	347	29.1	22	J	8.1	-1	129	-5.1	5.8	-2.4	1	J
16	346	25.3	20	J	7.9	0	130	-4.9	5.5	-1.8	2	J
17	353	23.7	24	J	7.7	-9	128	-4.4	5.2	-2.6	3	J
18	355	26.4	52	J	4.8	-27	159	-3.6	0.9	-2.2	2	J
19	351	17.2	77	J	7.1	-2	135	-3.7	3.6	-0.8	5	J
20	383	12.8	62	J	7.5	-12	136	-4.0	3.7	-1.7	5	J
21	374	13.6	81	J	6.4	5	169	-5.9	1.1	-0.6	2	J
22	367	14.3	54	J	9.6	-38	171	7.3	0.6	-5.9	2	J
23					8.0	-22	162	-5.5	1.5	-2.5	5	J
24												

AUG. 9, 1987 — 221

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					8.9	26	108	-2.1	6.9	2.5	4	J
2	396	16.4	71	J	8.3	29	110	-2.2	6.6	2.7	4	J
3	393	16.4	65	J	8.6	24	115	-2.9	6.7	1.8	4	J
4	386	16.0	62	J	8.1	-3	127	-4.1	5.2	-1.6	4	J
5	379	14.5	64	J	7.3	-20	138	-4.9	3.5	-3.6	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

AUG. 12, 1987 — 224

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
583	6.1	153	J	8.3	-27	326	5.2	-3.8	-2.7	4	J

AUG. 13, 1987 — 225

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	594	6.6	172	J	8.4	-3	297	3.2	-6.2	0.5	4	J
2	581	8.0	168	J	7.6	-1	356	6.3	-0.5	-0.0	4	J
3	601	8.1	230	J	7.1	1	305	2.5	-3.4	0.8	6	J
4	625	7.0	222	J	7.6	40	266	-0.4	-3.8	5.5	4	J
5	590	6.2	189	J	8.3	-9	321	5.1	-4.3	0.3	5	J
6	581	6.2	176	J	8.5	-10	321	5.9	-4.9	0.4	3	J
7	596	6.8	247	J	8.2	-8	308	4.4	-5.6	1.3	4	J
8	600	7.3	245	J	8.3	-35	333	4.8	-3.9	-2.3	5	J
9	597	8.0	285	J	8.4	-12	18	6.7	1.2	-2.3	4	J
10	608	6.8	216	J	8.7	-26	318	4.7	-5.2	-0.6	5	J
11	628	4.0	137	J	5.8	-16	311	2.5	-3.0	0.5	4	J
12	614	4.8	158	J	5.5	-8	359	4.3	-0.4	-0.5	3	J
13	619	4.6	165	J	5.2	19	359	3.6	0.6	1.1	4	J
14	623	4.8	156	J	5.7	52	21	2.8	2.8	2.9	3	J
15	604	4.5	157	J	5.5	21	324	2.8	-1.3	2.1	4	J
16	579	3.8	106	J	6.8	21	311	3.7	-3.1	3.7	3	J
17												
18												
19												
20												
21	556	4.2	91	J	8.0	-16	292	2.8	-7.1	-1.1	2	J
22	561	4.9	130	J	6.9	-23	305	3.1	-4.7	-1.7	4	J
23												
24												

AUG. 14, 1987 — 226

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
572	4.3	86	J	7.8	0	321	5.9	-4.7	0.8	2	J
588	4.5	119	J	8.0	10	320	5.1	-4.0	2.1	4	J
606	4.7	199	J	7.5	1	310	4.1	-4.7	1.4	4	J
618	4.3	222	J	6.9	-53	303	1.8	-4.1	-3.4	4	J
626	4.2	192	J	7.2	24	291	2.1	-4.1	4.3	3	J
618	4.2	192	J	7.1	35	305	3.1	-2.5	5.3	3	J
604	4.7	242	J	6.7	7	319	4.3	-3.1	2.3	3	J
620	4.1	210	J	6.9	-9	306	3.2	-4.3	1.3	4	J
622	4.0	227	J	6.0	8	317	3.5	-2.5	2.2	3	J
649	3.9	267	J	6.7	72	262	-0.2	1.2	5.5	4	J
660	3.3	312	J	5.5	12	307	1.2	-1.1	1.2	5	J
659	2.6	228	J	4.9	-13	318	2.5	-2.4	0.4	3	J
663	2.7	265	J	5.3	-2	340	3.9	-1.3	0.5	3	J
681	2.9	244	J	5.9	-26	308	3.0	-4.6	-0.5	2	J
662	2.9	179	J	6.3	-9	333	5.2	-2.8	0.2	2	J
675	2.8	197	J	6.0	4	313	3.4	-3.3	1.6	3	J
692	2.5	203	J	6.3	57	347	3.1	0.7	4.9	3	J
686	3.7	369	J	6.9	-10	310	3.0	-3.6	-0.3	5	J
661	3.8	229	J	7.0	-28	354	4.9	-0.9	-2.5	4	J
675	4.1	265	J	7.6	24	297	2.5	-4.5	3.0	5	J
680	4.0	275	J	7.8	27	289	2.0	-5.4	3.9	3	J

AUG. 15, 1987 — 227

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4	687	3.4	200	J	6.6	10	314	3.9	-3.6	2.0	3	J
5	681	3.6	215	J	6.1	-5	329	3.5	-2.1	0.3	4	J
6	685	3.6	206	J	5.8	30	326	3.7	-1.4	3.3	3	J
7	683	3.9	200	J	5.8	-13	348	4.2	-1.2	-0.5	4	J
8	669	4.1	245	J	6.0	-20	344	4.2	-1.8	-0.9	4	J
9	661	4.0	206	J	6.0	-36	344	4.1	-2.5	-2.2	3	J
10	634	3.8	143	J	6.2	-11	348	5.3	-1.5	-0.3	3	J
11	642	4.0	162	J	5.9	-19	335	4.4	-2.6	-0.4	3	J
12	647	4.0	153	J	6.0	-11	356	4.3	-0.7	-0.6	4	J
13	666	3.5	169	J	5.7	15	300	2.5	-3.0	3.3	2	J
14	637	3.3	116	J	5.3	1	345	4.2	-0.9	0.6	3	J
15	629	3.3	98	J	5.4	-13	337	4.3	-2.1	-0.2	3	J
16	630	3.2	83	J	5.5	17	330	4.2	-1.7	2.3	2	J
17	631	3.2	115	J	5.3	8	308	2.7	-3.1	1.8	3	J
18	629	3.1	128	J	5.3	9	310	2.5	-2.7	1.5	3	J
19	598	3.2	118	J	6.0	-20	357	5.0	-0.7	-1.7	3	J
20					6.1	-41	33	3.7	1.6	-4.3	1	J
21												
22												
23												
24												

AUG. 16, 1987 — 228

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
618	3.4	148	J	4.8	-49	358	2.8	-1.1	-3.0	2	J
617	3.3	141	J	4.6	-32	335	2.8	-2.0	-1.3	3	J
619	3.2	159	J	4.4	-17	335	2.5	-1.4	-0.3	3	J
635	3.3	121	J	4.6	-3	298	1.7	-2.9	1.3	3	J
631	3.2	135	J	4.7	-24	286	0.6	-2.4	0.2	4	J
614	3.3	138	J	4.6	-21	305	1.5	-2.4	0.2	4	J
602	3.2	137	J	4.7	3	312	2.7	-2.4	1.7	2	J
				4.6	-19	325	3.3	-2.7	-0.0	2	J
558	3.1	55	J	5.1	13	356	4.3	0.2	1.0	2	J
562	2.7	65	J	4.9	-34	352	3.7	-1.7	-2.0	2	J
560	2.7	66	J	4.9	-24	349	4.0	-1.5	-1.3	2	J
557	3.5	79	J	4.7	6	297	1.9	-3.2	1.8	2	J
550	3.2	72	J	5.3	17	297	2.1	-3.4	2.7	2	J
522	3.3	78	J	4.9	-9	16	3.7	0.8	-0.9	3	J
511	3.5	65	J	5.4	5	23	4.5	2.0	-0.0	2	J
516	3.5	61	J	5.0	-9	349	4.0	-0.9	-0.5	3	J
517	3.6	72	J	5.0	-13	325	3.8	-2.8	-0.6	2	J

AUG. 17, 1987 — 229

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4												
5												
6												
7	515	4.3	60	J	5.6	-6	319	2.9	-2.5	0.7	4	J
8	519	4.3	58	J	5.8	-14	295	1.7	-3.8	0.8	4	J
9	512	4.4	63	J	5.8	-28	302	2.4	-4.5	-0.2	3	J
10	494	4.4	72	J	5.7	3	313	3.3	-2.9	2.0	3	J
11	501	4.5	68	J	5.9	3	304	3.1	-3.7	2.6	2	J
12	512	4.6	63	J	5.8	6	301	2.1	-2.8	2.2	4	J
13	499	4.8	86	J	5.9	25	41	3.7	3.9	0.4	2	J
14	491	5.0	94	J	5.8	-30	35	3.5	1.0	-3.3	3	J
15	508	5.3	81	J	5.9	-62	53	1.3	-0.2	-4.3	4	J
16	512	5.1	75	J	6.1	-43	81	0.6	2.1	-4.8	3	J
17	486	4.9	79	J	5.4	-1	310	2.6	-3.0	1.0	3	J
18	476	5.1	79	J	5.5	-13	320	3.4	-3.0	-0.1	3	J
19	487	5.0	77	J	5.6	2	307	2.6	-3.3	1.0	3	J
20	500	5.5	86	J	5.5	10	282	0.9	-4.2	1.7	3	J
21	459	4.8	56	J	5.1	-4	351	3.9	-0.7	-0.2	3	J
22	468	5.4	93	J	5.0	-19	9	3.1	0.3	-1.1	4	J
23	465	5.0	72	J	5.2	28	20	3.7	1.6	1.9	3	J
24	467	5.5	81	J	5.4	26	330	3.6	-1.8	2.3	3	J

AUG. 18, 1987 — 230

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
466	5.5	71	J	5.2	24	338	3.0	-1.0	1.6	4	J
457	5.1	67	J	4.9	-5	14	4.0	0.9	-0.5	3	J
462	5.2	77	J	4.5	-24	10	3.2	0.2	-1.6	3	J
462	5.2	75	J	5.2	1	322	3.0	-2.2	0.7	4	J
455	5.2	63	J	5.5	15	320	4.0	-2.7	2.4	1	J
418	4.9	36	J	5.6	-5	336	4.8	-2.1	0.6	2	J
427	5.1	60	J	5.5	-4	318	3.9	-3.2	1.5	2	J
448	5.2	49	J	5.6	27	296	1.9	-2.2	3.9	3	J
459	5.5	39	J	5.6	21	273	0.3	-3.4	4.3	1	J
439	5.3	47	J	5.5	22	292	1.8	-2.9	3.9	2	J
425	4.8	49	J	5.2	1	324	3.6	-2.2	1.3	3	J
446	5.6	79	J	5.0	-7	318	2.8	-2.5	0.7	3	J
436	5.2	95	J	4.8	-24	351	3.8	-1.2	-1.3	2	J
439	5.3	80	J	4.8	-19	319	2.9	-2.8	-0.4	2	J
430	5.7	104	J	4.4	-18	336	3.6	-1.9	-0.7	2	J
436	5.5	56	J	3.7	3	286	0.7	-2.4	0.7	3	J
417	5.2	42	J	4.5	-14	326	3.0	-2.1	-0.5	2	J
446	6.1	44	J	5.1	35	255	-1.0	-3.2	3.3	2	J
431	6.5	50	J	5.0	28	285	0.9	-3.2	2.4	3	J
408	6.2	43	J	4.9	8	324	3.6	-2.5	1.0	2	J
426	6.5	52	J	4.6	46	327	1.8	-0.8	2.4	3	J

AUG. 19, 1987 — 231

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	417	7.5	58	J	4.9	5	303	2.2	-3.3	0.9	3	J
2	409	7.3	43	J	5.2	-34	350	4.0	-1.2	-2.5	2	J
3	409	7.3	41	J	5.4	-49	358	3.4	-1.0	-3.8	1	J
4	403	7.3	45	J	5.7	-22	33	4.0	1.9	-2.6	2	J
5	404	6.6	37	J	5.5	-33	340	4.3	-2.4	-2.3	1	J
6												
7												
8												
9												
10	395	9.0	91	J	6.0	11	352	4.1	-0.1	1.0	4	J
11	393	8.2	83	J	5.7	-19	32	4.0	1.3	-2.7	3	J
12	384	8.1	89	J	6.0	-4	7	5.2	0.4	-0.7	3	J
13	383	8.8	63	J	6.7	-14	9	5.9	0.0	-1.8	3	J
14	394	7.3	66	J	5.8	14	359	3.2	0.3	0.7	5	J
15	397	8.3	72	J	6.5	32	3	3.7	1.2	2.0	5	J
16	424	8.8	55	J	7.3	16	276	0.7	-5.3	4.5	2	J
17	393	8.7	86	J	7.2	-30	350	4.9	-1.8	-2.4	4	J
18	418	5.6	58	J	7.4	-10	317	4.8	-4.6	0.2	3	J
19	435	5.8	70	J	7.7	14	300	3.5	-5.5	3.2	3	J
20	418	5.9	52	J	7.6	0	318	5.4	-4.8	1.0	2	J
21	429	6.8	77	J	7.6	-8	315	4.7	-4.8	-0.1	4	J
22												
23												
24												

AUG. 20, 1987 — 232

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
454	5.7	42	J	5.1	-30	339	4.0	-2.6	-1.3	2	J	
451	5.7	43	J	5.2	-15	350	4.8	-1.4	-0.7	1	J	
450	5.7	50	J	5.1	11	357	4.7	0.2	0.9	2	J	
446	5.9	58	J	5.4	0	357	5.0	-0.2	0.1	2	J	
450	6.0	49	J	5.5	4	335	4.2	-1.6	1.1	3	J	
459	6.6	44	J	5.5	-5	326	2.9	-1.9	0.4	4	J	
457	6.6	48	J	5.3	3	312	3.1	-3.2	1.3	3	J	
473	6.4	66	J	5.1	-3	323	1.4	-1.1	0.2	5	J	
492	7.0	76	J	3.8	28	251	-1.0	-2.5	2.2	1	J	
480	6.5	63	J	4.3	19	275	0.3	-3.6	2.0	1	J	
452	5.8	66	J	5.0	0	337	4.2	-1.8	0.3	2	J	
445	5.2	92	J	5.6	-7	359	5.5	-0.2	-0.6	1	J	
444	5.0	91	J	6.0	-14	352	5.7	-1.0	-1.3	1	J	

AUG. 21, 1987 — 233

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	449	4.9	76	J	5.9	-16	345	5.4	-1.7	-1.3	1	J
2	451	5.2	63	J	5.8	-23	358	5.1	-0.6	-2.1	2	J
3	469	6.6	59	J	5.2	8	306	2.6	-3.3	1.4	3	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

AUG. 25, 1987 — 237

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	408	15.9	71	J								
	418	18.5	30	J	16.1	-30	130	-8.1	4.7	-11.1	7	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	402	11.3	139	J	10.5	-50	223	-4.8	-5.9	-6.9	2	J
2	401	13.7	177	J	10.7	-46	156	-4.8	0.9	-5.8	8	J
3	417	19.7	137	J	12.1	-7	124	-4.2	5.7	-2.5	9	J
4	429	30.4	98	J	11.4	-47	118	-3.6	3.9	-9.8	3	J
5	439	18.7	159	J	12.9	-33	102	-2.2	7.2	-10.0	3	J
6	435	24.2	119	J	12.6	-26	121	-4.3	4.9	-6.6	9	J
7	420	28.9	101	J	10.3	-38	119	-2.3	2.1	-5.2	9	J
8	415	18.7	86	J	13.5	-7	301	6.6	-10.4	3.9	4	J
9	425	19.3	167	J	11.3	-24	306	3.9	-6.2	0.2	9	J
10	463	13.0	113	J	14.3	2	308	8.5	-8.9	6.2	4	J
11					14.3	-27	321	9.4	-9.8	-1.1	5	J
12	490	16.2	187	J	11.3	-39	338	7.2	-5.8	-3.7	6	J
13	505	14.8	161	J	9.2	-40	329	4.1	-4.2	-2.1	7	J
14	560	11.7	293	J	7.8	14	86	0.3	4.4	-1.3	6	J
15	543	10.9	336	J	7.9	-34	35	3.7	0.9	-3.9	6	J
16	547	10.1	277	J	8.6	-33	352	4.2	-1.7	-2.3	7	J
17					8.7	-3	316	6.0	-5.6	1.8	3	J
18												
19												
20												
21	524	6.7	124	J	9.1	-4	292	2.8	-6.8	0.8	5	J
22	508	7.2	89	J	9.3	-6	303	4.9	-7.6	0.4	2	J
23	505	7.9	91	J	8.9	-10	308	5.2	-6.8	-0.4	2	J
24												

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
482	7.1	128	J	6.1	16	348	5.5	-0.7	1.8	2	J	
485	6.5	120	J	5.9	-2	333	5.0	-2.5	0.6	2	J	
496	6.9	100	J	5.8	-14	318	3.1	-3.0	0.0	4	J	
516	7.1	86	J	6.8	-27	273	0.3	-6.0	-0.3	3	J	
521	7.8	85	J	8.7	-36	277	0.8	-8.1	-1.4	3	J	
519	8.2	88	J	9.6	-8	277	1.1	-8.5	3.3	3	J	
532	8.1	85	J	9.3	-24	259	-1.4	-8.1	0.9	4	J	
537	8.7	75	J	10.0	-11	259	-1.7	-8.2	3.2	4	J	
534	10.9	79	J	10.8	-36	302	4.0	-8.3	-1.1	6	J	
552	16.2	51	J	11.4	-31	261	-1.4	-10.5	0.3	4	J	
523	9.8	46	J	12.6	-34	266	-0.7	-11.6	-0.5	5	J	
526	11.8	65	J	12.4	15	213	-7.7	-3.1	4.6	8	J	
549	9.2	207	J	10.7	-37	285	1.0	-4.7	-0.8	10	J	
524	9.4	304	J	8.6	-65	345	3.0	-3.6	-5.7	5	J	
554	6.3	257	J	10.6	-5	253	-1.3	-4.2	1.3	10	J	
536	9.5	426	J	7.5	-13	345	4.8	-1.5	-0.8	5	J	
540	8.7	340	J	8.6	57	102	-0.8	4.8	4.6	5	J	
533	8.9	281	J	8.6	47	32	3.4	2.9	3.8	6	J	
540	7.1	232	J	9.3	64	29	3.1	3.0	6.9	4	J	
544	5.7	184	J	9.5	45	75	1.6	6.9	5.1	4	J	
553	5.1	139	J	8.9	71	100	-0.5	3.9	7.0	4	J	

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	517	4.9	101	J	8.9	57	35	3.9	4.1	6.6	2	J
2												
3												
4	485	5.5	142	J	5.2	7	346	4.8	-1.0	1.0	1	J
5	492	6.6	155	J	5.7	14	8	5.3	1.2	1.0	1	J
6	491	6.1	120	J	5.0	37	17	3.7	2.2	2.2	1	J
7	492	5.7	102	J	6.1	26	353	5.3	0.6	2.6	1	J
8	490	5.4	95	J	6.0	2	351	5.8	-0.7	0.6	1	J
9	495	4.6	71	J	5.8	-11	355	5.4	-0.9	-0.7	1	J
10	495	5.8	95	J	6.4	-15	3	6.1	-0.6	-1.5	1	J
11	497	5.6	95	J	6.4	-14	12	6.0	0.2	-2.0	1	J
12	499	4.5	160	J	6.1	-12	4	5.8	-0.3	-1.2	1	J
13	518	3.6	94	J	6.0	-12	7	5.5	-0.1	-1.4	2	J
14	518	2.9	80	J	5.7	-11	355	5.3	-0.9	-0.7	2	J
15	516	3.5	55	J	6.8	-14	7	6.5	-0.1	-1.8	1	J
16	530	2.7	114	J	7.0	-13	13	6.6	0.7	-2.1	1	J
17	517	2.8	67	J	7.2	-20	20	6.4	1.2	-3.2	1	J
18	518	2.6	86	J	7.4	-19	22	6.4	1.7	-3.1	1	J
19					7.4	-25	25	6.0	1.8	-3.7	1	J
20					7.4	-30	21	6.0	1.4	-4.1	1	J
21	468	6.3	72	J	6.5	-38	31	4.2	1.7	-4.2	2	J
22	451	8.4	64	J	6.0	-40	37	3.5	1.9	-4.1	2	J
23	459	9.0	50	J	5.7	-31	75	1.2	3.9	-3.4	2	J
24	448	8.5	69	J	5.7	-26	47	3.0	2.8	-2.7	3	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
466	5.5	83	J	6.8	-14	337	5.8	-2.7	-1.1	2	J	
476	4.0	78	J	7.5	-11	337	6.7	-3.1	-0.7	1	J	
489	3.5	76	J	8.9	-15	324	7.0	-5.6	-0.0	1	J	
488	3.6	73	J	8.9	-8	317	6.2	-5.7	1.5	3	J	
516	3.4	54	J	8.9	3	304	4.9	-6.1	3.9	1	J	
501	3.5	73	J	8.8	-5	310	5.6	-6.1	2.8	1	J	
507	3.7	82	J	8.8	-11	305	5.0	-6.9	2.4	1	J	
498	3.6	71	J	9.4	-11	301	4.8	-7.6	2.8	1	J	
450	13.1	70	J	8.0	54	349	3.9	2.3	5.0	4	J	
441	9.3	92	J	9.6	12	326	7.6	-3.3	4.4	2	J	
435	12.2	61	J	10.6	8	314	7.1	-5.6	5.0	2	J	
423	10.7	60	J	11.5	-9	326	9.3	-6.4	1.4	1	J	
425	9.3	63	J	11.0	-28	334	8.4	-5.8	-2.7	3	J	
423	12.5	30	J	9.0	-28	332	6.9	-5.0	-2.5	2	J	
419	11.5	45	J	8.1	-31	342	6.5	-3.3	-3.2	1	J	
410	7.5	40	J	8.1	-33	6	6.6	-0.5	-4.3	2	J	
417	7.2	49	J	7.5	-35	5	3.4	-0.3	-2.4	6	J	
431	5.7	56	J	7.6	-15	266	-0.5	-6.7	-0.4	4	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					AUG. 30, 1987							242
1												
2												
3												
4												
5												
6												
7	456	20.6	39	J	10.7	-25	181	-9.6	-2.2	-3.9	2	J
8	464	13.0	39	J	11.5	-26	182	-10.2	-2.8	-4.2	1	J
9					11.2	-19	183	-10.5	-2.4	-2.8	2	J
10					10.0	-2	182	-9.9	-0.5	-0.1	1	J
11					8.5	7	166	-8.1	2.2	-0.3	1	J
12					8.4	10	159	-7.6	3.2	-0.4	1	J
13	460	3.5	169	J	8.2	23	153	-6.6	4.6	0.9	1	J
14	454	3.6	150	J	6.7	28	149	-4.9	4.1	1.1	1	J
15	427	7.8	40	J	7.5	-4	142	-5.8	3.8	-2.6	1	J
16	432	7.3	44	J	7.1	-8	131	-4.4	4.2	-3.0	2	J
17	433	6.7	43	J	6.6	7	106	-1.7	5.8	-1.5	2	J
18	429	11.3	61	J	4.3	19	94	-0.2	3.7	-0.0	3	J
19	427	8.7	65	J	5.0	5	110	-1.6	4.4	-0.9	2	J
20	430	13.6	97	J	4.5	29	156	-2.4	1.4	1.2	3	J
21	419	17.6	66	J	5.1	-22	131	-2.1	2.1	-1.7	4	J
22	417	23.3	60	J	6.7	2	157	-4.0	1.7	-0.2	5	J
23	409	26.7	54	J	7.2	11	236	-3.3	-4.7	2.0	4	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					AUG. 31, 1987							243
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	420	16.1	88	J	10.5	-11	192	-9.8	-2.8	-0.6	2	J
11	414	12.4	58	J	10.5	-9	177	-10.3	-0.4	-1.7	2	J
12	414	9.6	44	J	10.6	-5	162	-9.9	2.2	-2.5	2	J
13	407	10.3	61	J	11.4	-14	167	-10.7	0.6	-3.6	2	J
14	438	10.2	147	J	12.9	-36	175	-9.9	-3.1	-6.6	4	J
15	484	7.4	160	J	10.1	43	109	-0.6	2.5	0.6	10	J
16	548	10.2	246	J	10.6	-7	111	-2.6	5.5	-3.9	8	J
17	550	9.6	288	J	10.8	-33	157	-6.0	0.5	-4.9	7	J
18	637	8.9	360	J	10.2	-12	132	-4.8	4.4	-3.5	7	J
19	626	7.1	224	J	9.3	-18	152	-6.7	2.6	-3.5	5	J
20	637	6.4	222	J	7.3	-6	161	-6.5	1.9	-1.3	2	J
21	634	6.2	248	J	7.0	-4	168	-6.4	1.2	-0.8	2	J
22	662	4.6	270	J	5.5	4	183	-4.9	-0.2	0.4	3	J
23	634	4.9	125	J	6.3	14	156	-5.2	2.5	1.0	2	J
24	623	5.0	96	J	6.6	9	143	-5.0	3.9	0.3	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 1, 1987							244
1	624	5.9	102	J	6.8	-14	91	-0.1	5.5	-2.7	3	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	640	6.7	210	J	7.2	-11	137	-4.7	2.9	-3.4	3	J
12	665	6.2	223	J	7.1	-51	153	-3.6	-1.2	-5.2	3	J
13	662	4.7	233	J	6.2	-10	156	-4.4	1.2	-1.8	4	J
14	669	4.8	257	J	6.2	-1	123	-2.9	3.8	-2.4	3	J
15	673	4.4	200	J	6.6	-2	101	-1.2	5.2	-3.1	2	J
16	675	4.5	202	J	6.7	15	95	-0.5	6.3	-1.2	2	J
17	668	4.6	183	J	6.3	20	96	-0.5	5.2	-0.2	3	J
18	636	4.4	122	J	6.1	15	126	-3.1	4.4	-0.1	3	J
19	642	4.5	138	J	5.7	24	127	-2.7	4.1	0.9	3	J
20	672	4.5	111	J	6.0	8	73	1.0	3.3	-0.3	5	J
21	620	4.1	77	J	5.4	2	167	-4.9	1.1	-0.1	2	J
22	621	4.0	81	J	5.8	-7	165	-4.9	1.2	-0.9	3	J
23	622	4.1	77	J	6.2	20	97	-0.4	3.4	0.6	5	J
24	645	4.2	245	J	5.3	5	95	-0.4	4.7	-0.5	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 2, 1987							245
1	640	3.8	147	J	5.4	-4	140	-3.9	3.1	-1.0	2	J
2	630	3.6	89	J	5.4	-6	155	-4.8	2.0	-1.1	1	J
3	628	3.5	103	J	4.8	-2	162	-4.3	1.3	-0.5	2	J
4	637	3.9	147	J	4.0	8	134	-2.6	2.7	-0.4	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13	561	2.8	106	J	2.9	6	131	-1.8	1.9	-0.9	1	J
14	553	3.0	107	J	3.4	-3	131	-1.8	1.7	-1.2	2	J
15	531	3.5	138	J								
16	549	4.0	120	J								
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 6, 1987							249
1												
2												
3												
4												
5												
6												
7												
8												
9	363	35.4	35	J								
10	360	33.9	75	J								
11	449	20.7	61	J								
12	402	22.3	106	J								
13	408	21.4	78	J								
14	401	22.1	73	J	9.7	23	298	3.9	-4.4	6.8	3	J
15	397	22.2	70	J	8.5	-5	320	6.1	-4.8	1.9	2	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 7, 1987							250
1												
2												
3												
4												
5												
6												
7												
8												
9	404	9.3	104	J	6.0	-2	352	5.6	-0.8	-0.0	2	J
10	399	9.1	74	J	5.3	32	331	3.8	-1.4	3.1	2	J
11	394	8.0	47	J	5.2	36	318	2.9	-1.7	3.5	2	J
12	383	9.6	51	J	4.8	14	328	3.9	-1.9	1.9	1	J
13	382	12.9	70	J	5.6	4	335	4.9	-2.0	1.2	1	J
14	392	15.8	77	J	6.4	0	332	5.1	-2.5	1.2	3	J
15	430	14.0	109	J	4.5	-19	11	3.3	0.0	-1.3	3	J
16	446	13.7	83	J	6.7	-31	41	3.5	1.2	-3.9	5	J
17	492	8.6	88	J	8.6	-8	347	7.9	-2.2	0.0	2	J
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 8, 1987							251
1												
2	571	5.7	100	J	4.7	-25	296	1.6	-3.6	-0.8	2	J
3	600	4.9	128	J	5.4	-1	255	-0.8	-2.8	0.8	4	J
4	594	4.5	102	J	4.3	10	241	-0.8	-1.3	0.8	4	J
5	618	3.9	98	J	4.9	6	223	-3.4	-2.8	1.7	1	J
6	607	4.5	113	J	4.7	-4	214	-3.6	-2.3	0.8	2	J
7	598	4.8	106	J	4.7	16	186	-4.4	0.2	1.3	1	J
8	590	4.5	99	J	4.5	11	183	-4.0	0.2	0.8	2	J
9	590	4.7	136	J	4.6	-17	271	0.0	-2.5	0.7	4	J
10	553	4.0	117	J	6.7	-5	3	6.6	-0.0	-0.7	1	J
11	577	4.7	158	J	6.2	1	12	5.9	1.1	-0.6	1	J
12	579	4.3	203	J	6.3	4	355	6.2	-0.2	0.7	1	J
13	571	3.5	61	J	6.4	-5	359	6.3	-0.4	-0.4	1	J
14	564	3.3	58	J	7.3	1	3	7.3	0.4	-0.1	1	J
15	563	3.8	59	J	7.6	-5	354	7.4	-1.0	-0.2	1	J
16	563	3.6	68	J	7.4	-13	3	7.2	-0.4	-1.7	1	J
17					5.1	-2	354	4.8	-0.5	0.0	2	J
18												
19												
20												
21	472	4.4	64	J	6.4	-7	326	5.2	-3.6	0.0	1	J
22	453	6.5	51	J	6.0	-21	328	4.6	-3.2	-1.5	2	J
23	447	6.3	58	J	5.0	-2	336	4.3	1.9	0.2	2	J
24	450	6.4	39	J	4.6	-2	306	2.6	-3.6	0.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 9, 1987							252
1												
2												
3												
4												
5												
6												
7	466	14.9	107	J								
8	463	13.4	93	J	5.2	3	330	2.7	-1.3	0.9	4	J
9	469	11.8	86	J	6.9	-55	307	2.2	-5.2	-3.0	3	J
10	465	12.1	75	J	6.7	-12	279	0.8	-4.7	1.8	4	J
11	476	10.5	69	J	4.6	45	240	-1.3	-0.4	3.5	3	J
12	468	7.6	64	J	4.2	57	195	-0.9	0.6	1.4	4	J
13	470	7.7	70	J	4.6	17	54	2.1	3.1	-0.7	3	J
14	476	7.4	69	J	3.8	53	243	-1.0	-0.0	3.4	2	J
15	481	6.6	54	J	3.4	44	193	-2.2	0.7	2.2	1	J
16	476	5.7	55	J	2.4	64	117	-0.4	1.5	1.1	2	J
17	463	5.1	42	J	2.5	71	141	-0.4	0.8	1.1	2	J
18	453	4.9	42	J	3.0	42	318	1.5	-0.5	2.3	1	J
19	450	4.7	37	J	2.7	60	217	-0.4	0.0	0.9	2	J
20	452	4.8	32	J	2.9	2	173	-2.9	0.4	-0.0	1	J
21												
22												
23	402	7.0	44	J	2.7	34	13	2.0	0.7	1.3	1	J
24	395	8.2	46	J	3.5	11	11	2.7	0.6	0.4	2	J
	406	8.5	43	J	2.8	12	119	-0.2	0.4	0.0	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 10, 1987							253
1	382	8.1	44	J	3.9	10	341	3.1	-0.9	0.8	2	J
2	382	6.4	52	J	3.8	-12	339	3.5	-1.5	-0.4	1	J
3												
4												
5												
6												
7												
8	340	17.6	22	J	5.7	6	334	5.1	-1.8	1.8	1	J
9	343	20.4	26	J	5.4	2	331	4.5	-2.0	1.5	2	J
10	345	22.1	40	J	5.7	0	335	5.0	-1.9	1.3	2	J
11	342	22.9	27	J	5.5	16	338	3.8	-0.6	1.9	4	J
12	366	30.6	30	J	9.0	6	66	3.3	6.6	-3.5	5	J
13	404	39.7	44	J	11.0	-16	79	1.8	6.2	-7.2	5	J
14												
15												
16												
17												
18												
19												
20					17.7	-5	100	-3.1	16.4	-6.0	1	J
21	470	11.3	37	J	17.1	-16	92	-0.6	14.7	-8.2	3	J
22	473	15.1	40	J	15.9	-26	72	4.4	11.8	-9.6	2	J
23	475	17.3	51	J	14.3	-34	49	7.6	7.0	-9.4	3	J
24	492	14.1	71	J	13.7	-31	358	11.5	-1.8	-6.7	3	J
					SEP. 11, 1987							254
501	7.0	63	J		14.3	-29	341	11.7	-5.5	-5.8	2	J
492	7.7	121	J		13.7	-24	334	11.2	-6.7	-4.0	1	J
497	9.2	187	J		11.9	-15	336	10.2	-5.2	-1.5	3	J
572	7.2	257	J		11.6	-39	337	7.7	-6.3	-4.1	4	J
590	6.6	201	J		11.5	-11	334	8.0	-4.2	0.7	7	J
608	7.6	238	J		10.4	-21	345	8.1	-3.6	-1.5	5	J
631	6.7	182	J		9.3	-21	0	7.3	-1.6	-2.3	5	J
634	7.0	168	J		9.7	2	334	6.9	-2.6	2.1	6	J
606	7.5	134	J		9.9	-11	339	8.6	-3.7	0.3	3	J
615	8.3	180	J		9.7	15	325	6.9	-2.9	4.4	4	J
607	9.2	218	J		10.1	5	317	6.6	-5.0	3.7	4	J
596	9.6	254	J		10.1	1	332	8.1	-3.8	2.1	4	J
579	9.4	235	J		10.7	-25	352	9.0	-2.8	-3.4	4	J
568	8.4	151	J		12.6	-9	326	9.8	-6.9	0.5	4	J
587	7.2	244	J		12.7	-3	310	7.4	-8.6	2.1	5	J
583	9.6	289	J		11.6	-30	309	5.1	-7.3	-2.9	7	J
586	9.3	250	J		12.0	-21	326	7.7	-5.9	-2.3	7	J
647	7.0	353	J		8.8	34	282	1.4	-5.3	5.7	4	J
667	4.9	223	J		7.0	5	287	1.9	-5.9	1.8	3	J
658	4.5	192	J		6.7	21	304	3.0	-4.0	3.0	3	J
					SEP. 12, 1987							255
1	691	4.1	205	J	6.6	23	287	1.5	-4.2	3.2	4	J
2	711	3.8	213	J	6.6	35	273	0.2	-3.6	4.3	3	J
3	680	4.1	206	J	6.2	15	318	3.9	-2.9	2.4	3	J
4	686	4.1	164	J	5.5	-15	11	4.1	0.4	-1.3	3	J
5	688	3.9	153	J	5.4	-4	325	3.8	-2.6	0.7	3	J
6												
7												
8	689	3.6	120	J	5.4	-18	318	3.5	-3.5	0.3	2	J
9	682	3.3	112	J	5.1	-9	333	4.3	-2.3	0.5	1	J
10	676	3.3	101	J	5.1	-3	339	4.7	-1.6	0.8	1	J
11	676	3.2	128	J	5.0	0	334	4.2	-1.7	1.2	2	J
12	624	3.4	88	J	5.1	22	8	4.2	1.5	1.1	2	J
13	622	3.3	92	J	4.9	-13	325	3.4	-2.5	0.5	3	J
14	629	4.2	106	J	5.2	6	315	2.8	-2.2	1.8	3	J
15	624	4.2	109	J	5.1	-20	337	3.4	-1.9	-0.5	3	J
16	607	4.2	107	J	5.5	1	328	3.9	-2.1	1.2	3	J
17	614	4.3	121	J	5.4	-1	325	3.0	-2.0	0.8	4	J
18	614	4.3	117	J	5.4	-14	35	3.6	2.0	-1.9	3	J
19	613	4.2	114	J	5.3	-27	329	3.2	-2.4	-1.2	3	J
20	617	4.4	141	J	5.6	-7	304	2.2	-3.3	0.4	4	J
21	605	4.6	169	J	5.4	15	318	3.4	-2.7	1.9	2	J
22	608	4.6	149	J	5.3	-40	359	3.1	-0.6	-2.5	3	J
23	635	4.9	133	J	5.9	-10	271	0.1	-4.9	0.1	3	J
24	621	4.9	110	J	5.7	-30	286	1.2	-4.7	-1.6	2	J
					SEP. 13, 1987							256
598	7.3	182	J		7.3	14	302	3.4	-3.7	4.4	3	J
605	7.7	201	J		7.4	4	294	2.6	-4.6	3.7	4	J
607	8.7	209	J		7.7	-18	320	3.2	-3.0	0.2	6	J
595	7.7	219	J		8.5	-48	342	5.2	-4.5	-4.5	2	J
607	7.1	219	J		9.0	-27	317	5.5	-6.3	-1.2	3	J
					9.1	11	305	4.6	-5.4	4.1	4	J
664	5.7	292	J		8.3	45	268	-0.2	-3.3	7.3	2	J
665	5.4	281	J		7.3	17	311	4.5	-4.5	3.4	1	J
653	5.6	274	J		7.0	-3	331	5.6	-3.1	0.4	3	J
667	5.5	250	J		6.5	-15	344	4.6	-1.6	-1.0	4	J
703	5.1	211	J		6.4	-34	29	3.4	1.3	-3.0	4	J
714	4.5	220	J		6.6	41	337	3.1	-0.7	3.1	5	J
					SEP. 14, 1987							257
1	721	4.5	358	J	6.7	-20	304	2.4	-3.8	-0.7	5	J
2	730	4.4	321	J	7.2	-12	289	1.5	-4.4	0.2	6	J
3	715	4.2	292	J	6.6	-23	293	2.0	-5.2	-0.7	3	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	675	3.9	149	J	5.5	-11	321	3.5	-2.9	0.8	3	J
14	683	3.7	156	J	5.4	5	324	2.7	-1.5	1.3	4	J
15	681	3.8	161	J	5.7	15	317	2.8	-1.8	2.2	4	J
16	672	3.5	159	J	5.7	27	351	2.8	0.2	1.5	5	J
17	687	3.7	162	J	5.4	25	289	1.4	-3.0	3.5	3	J
18	669	3.7	180	J	5.7	14	349	3.6	-0.3	1.1	4	J
19	664	4.0	154	J	6.1	16	322	3.7	-2.4	2.2	4	J
20	670	3.7	168	J	5.5	-19	329	3.9	-2.7	-0.9	3	J
21	686	3.7	151	J								
22												
23												
24												
					SEP. 19, 1987							262
466	6.5	50	J									
462	6.5	41	J		4.3	66	261	-0.3	0.4	4.1	1	J
465	5.8	45	J		3.7	62	249	-0.5	0.3	2.9	2	J
451	5.7	54	J		3.9	30	312	1.9	-0.9	2.5	2	J
456	5.2	50	J		3.3	55	281	0.2	-0.0	2.2	2	J
442	4.9	71	J		3.2	-4	340	2.1	-0.7	0.3	2	J
450	5.1	61	J		3.2	-5	290	0.7	-1.6	0.9	2	J
454	4.9	48	J		3.1	50	292	0.6	-0.2	2.5	2	J
452	5.2	45	J		3.5	-25	270	-0.0	-2.7	0.3	2	J
450	5.0	37	J		3.2	-24	254	-0.8	-2.9	0.2	1	J
					SEP. 20, 1987							263
1												
2												
3												
4												
5												
6	401	8.7	16	J	7.2	52	61	2.1	6.0	3.4	0	J
7	400	5.1	18	J	7.8	58	46	2.8	5.7	4.3	1	J
8	405	6.3	22	J	7.9	61	53	2.3	6.2	4.3	1	J
9	404	7.0	21	J	8.0	55	55	2.6	6.7	3.4	1	J
10	394	8.0	18	J	7.9	47	60	2.6	6.9	2.1	2	J
11	400	11.5	16	J	8.1	24	92	-0.3	7.9	-1.5	1	J
12	394	13.0	19	J	8.1	19	99	-1.2	7.7	-2.1	0	J
13	392	14.5	18	J	8.1	24	99	-1.1	7.8	-1.3	1	J
14	387	12.6	21	J	8.5	31	94	-0.5	8.5	-0.1	1	J
15	378	12.4	30	J	8.8	23	103	-1.8	8.5	-0.9	1	J
16	396	16.0	27	J	11.5	18	102	-2.3	11.2	-1.6	3	J
17	408	19.9	40	J	13.1	19	99	-1.9	12.8	-1.0	1	J
18												
19												
20												
21												
22												
23												
24												
					SEP. 21, 1987							264
409	21.0	69	J		8.6	13	275	0.7	-6.0	5.9	2	J
407	21.3	65	J		8.8	41	277	0.5	-1.5	5.5	7	J
406	27.8	38	J		8.9	54	21	4.0	4.5	3.9	5	J
410	34.4	22	J		7.6	62	359	3.4	3.6	5.2	3	J
413	38.0	31	J		6.5	1	285	1.2	-3.7	2.6	5	J
409	21.9	24	J		11.4	-40	290	2.9	-10.4	-1.5	4	J
414	15.9	35	J		10.6	1	298	2.8	-4.5	2.9	9	J
430	13.6	70	J		10.9	64	39	3.4	6.8	6.5	4	J
					11.1	51	326	5.8	0.4	9.5	1	J
413	12.2	51	J		9.1	-4	311	5.7	-6.2	2.1	3	J
416	10.7	40	J		8.9	6	302	4.4	-6.3	3.3	3	J
416	9.0	33	J		8.8	4	301	4.4	-6.8	2.8	2	J
412	8.2	36	J		8.2	-12	304	4.2	-6.4	0.1	3	J
403	7.8	39	J		8.0	17	335	6.8	-2.5	3.0	2	J
404	9.0	24	J		9.1	25	13	7.5	2.5	3.1	3	J
406	7.8	23	J		9.4	18	5	8.7	1.3	2.6	2	J
411	8.9	29	J		10.1	1	21	9.0	3.4	-0.6	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 22, 1987							265
1												
2												
3												
4												
5												
6												
7												
8												
9	385	8.5	49	J	8.6	-21	341	7.5	-3.8	-1.1	1	J
10	390	8.8	50	J	8.7	-29	334	6.7	-5.0	-1.6	2	J
11	403	7.2	29	J	9.0	-20	320	6.4	-6.2	0.6	2	J
12	400	7.0	34	J	8.6	-24	322	6.0	-5.8	-0.1	2	J
13	409	7.5	23	J	8.8	2	308	5.3	-5.5	4.0	2	J
14	400	6.9	34	J	8.8	-7	323	6.8	-4.9	1.8	2	J
15	405	5.4	37	J	9.3	-4	326	7.5	-4.7	1.9	2	J
16	400	12.7	37	J	9.0	-26	335	5.8	-3.8	-1.6	6	J
17	412	26.6	23	J	7.2	-68	25	2.4	-1.6	-6.5	1	J
18	403	24.3	29	J	6.9	-69	32	2.0	-1.0	-6.3	2	J
19	402	28.2	28	J	5.8	-80	90	0.0	-0.7	-5.4	2	J
20	409	30.1	29	J	5.1	-71	156	-1.5	-0.6	-4.8	1	J
21	395	27.3	33	J	6.2	-80	267	-0.1	-2.4	-5.6	1	J
22	396	28.4	31	J	7.1	-84	297	0.3	-2.1	-6.7	1	J
23	407	21.8	37	J	7.5	-54	110	-1.4	2.5	-6.2	3	J
24	415	16.6	34	J	7.9	-69	97	-0.3	1.0	-6.9	4	J
					SEP. 23, 1987							266
	416	28.4	37	J	5.4	-15	71	1.5	3.9	-2.2	3	J
	413	27.1	30	J	6.1	-54	35	2.8	0.7	-5.0	2	J
	399	21.3	33	J	2.8	-41	23	1.9	-0.4	-1.9	1	J
	402	21.7	22	J	3.0	-31	349	2.4	-1.2	-1.0	1	J
	400	19.4	21	J	2.6	-15	336	2.2	-1.2	0.0	1	J
	389	15.2	32	J	2.8	-15	330	2.2	-1.4	0.1	1	J
	381	16.0	26	J	2.3	10	337	1.9	-0.5	0.7	1	J
	380	12.4	31	J	3.7	11	87	0.1	2.0	-0.6	3	J
	374	11.3	31	J	4.8	-7	98	-0.6	3.7	-2.2	2	J
	362	10.9	43	J	5.1	28	137	-3.0	3.4	1.1	2	J
	365	10.6	32	J	5.5	32	122	-2.4	4.5	1.5	1	J
	371	11.7	23	J	5.6	33	92	-0.2	5.3	1.7	1	J
	356	11.2	32	J	5.4	29	125	-2.6	4.1	1.5	2	J
	337	10.6	20	J	5.3	26	152	-4.1	2.6	1.8	1	J
	341	10.9	33	J	5.5	34	144	-3.6	3.2	2.4	1	J
	360	11.1	30	J	5.5	48	95	-0.3	4.1	3.0	2	J
					SEP. 24, 1987							267
1	843	10.9	25	J	6.0	31	126	-3.0	4.7	2.0	1	J
2	350	14.3	28	J	7.5	18	125	-3.9	6.0	0.7	3	J
3	400	31.8	81	J	12.3	9	116	-4.9	10.2	-1.4	5	J
4	417	41.5	62	J	10.7	-1	105	-2.6	9.0	-3.5	5	J
5												
6												
7												
8												
9												
10												
11												
12												
13	424	19.2	25	J	20.6	56	343	10.9	6.5	16.0	3	J
14	426	23.4	24	J	19.6	59	16	9.7	11.1	12.8	2	J
15	418	22.2	26	J	19.4	55	26	9.9	11.9	11.4	2	J
16	407	16.7	24	J	19.1	48	45	9.0	14.3	8.6	2	J
17	412	8.1	28	J	19.5	79	122	-2.0	10.4	16.1	2	J
18	410	7.7	26	J	19.9	73	116	-2.5	11.5	15.9	2	J
19	405	7.7	26	J	19.8	67	97	-0.9	12.8	15.0	2	J
20												
21	399	4.5	23	J	19.6	47	95	-1.2	16.3	10.8	1	J
22	394	6.9	24	J	19.4	39	96	-1.6	17.2	8.7	1	J
23	391	7.8	22	J	19.1	35	96	-1.6	17.5	7.5	1	J
24	388	6.9	22	J	18.7	31	93	-0.8	17.7	6.0	1	J
					SEP. 25, 1987							268
	386	5.7	21	J	18.4	31	89	0.3	17.5	5.5	1	J
	368	7.6	24	J	16.9	21	92	-0.5	16.8	0.2	1	J
	349	11.2	17	J	16.1	18	85	1.3	16.0	-1.5	1	J
	396	23.8	37	J	13.4	-26	93	-0.6	7.5	-10.8	3	J
	398	24.1	41	J	14.6	-8	88	0.5	11.0	-7.6	6	J
	426	29.3	113	J	16.2	30	100	-1.9	12.4	1.5	10	J
	429	32.5	183	J	11.4	-45	34	5.8	1.2	-7.9	6	J
	444	22.2	142	J	14.2	-30	293	3.6	-9.8	-2.5	10	J
	448	21.6	121	J	15.8	0	282	2.4	-10.9	3.0	11	J
	438	51.2	92	J	9.5	31	276	0.4	-3.0	3.0	9	J
					6.2	55	321	2.4	-1.0	4.7	4	J
	428	22.6	57	J	11.6	18	128	-5.2	7.1	1.3	8	J
	453	9.8	155	J	11.3	32	118	-3.5	7.4	3.1	7	J
					SEP. 26, 1987							269
1	475	7.0	144	J	11.2	49	117	-3.1	7.7	6.2	4	J
2	475	8.5	95	J	10.9	37	118	-4.0	9.1	4.3	2	J
3	471	8.6	91	J	11.1	13	116	-4.7	9.8	-0.5	2	J
4	468	8.7	90	J	10.8	18	118	-4.6	9.3	-0.0	3	J
5	458	8.9	50	J	10.2	-15	113	-3.8	7.1	-5.9	2	J
6												
7												
8												
9												
10												
11												
12												
13	433	20.5	110	J	6.3	-14	172	-5.9	-0.1	-1.7	2	J
14	442	21.9	71	J	7.8	40	351	4.9	1.5	4.0	4	J
15	432	21.5	63	J	8.0	35	355	6.4	1.7	4.2	1	J
16	435	23.0	61	J	8.2	26	353	7.0	0.8	3.5	2	J
17	417	19.6	35	J	9.7	31	4	7.4	2.2	3.9	4	J
18	420	21.8	39	J	10.8	14	72	3.0	9.5	-1.0	4	J
19	414	15.5	28	J	10.5	42	11	7.4	3.4	6.0	3	J
20					9.6	22	316	4.9	-3.8	3.9	6	J
21					13.4	9	298	6.1	-10.7	4.7	6	J
22	403	6.0	20	J	10.9	15	308	6.5	-7.5	4.5	3	J
23	410	10.8	24	J	9.2	18	308	5.3	-6.1	4.2	2	J
24	407	16.6	20	J	8.4	32	317	5.0	-3.7	5.2	2	J
					SEP. 27, 1987							270
	404	21.7	30	J	7.7	30	315	4.4	-3.5	4.5	3	J
	440	11.3	29	J								
					OCT. 1, 1987							274
1												
2												
3												
4												
5												
6												
7												
8					7.1	-30	46	4.1	1.8	-5.1	2	J
9					6.6	11	30	4.2	2.5	-0.5	5	J
10					7.6	-32	53	2.6	1.3	-4.1	6	J
11					5.4	9	47	1.5	1.6	-0.6	5	J
12					5.6	18	28	4.2	2.7	0.0	3	J
13					5.6	3	35	4.0	2.5	-1.3	3	J
14					6.4	20	26	3.2	2.0	0.3	4	J
15												
16												
17												
18					7.7	20	31	5.6	4.0	1.1	3	J
19					9.2	-5	28	7.5	3.6	-1.9	3	J
20					9.5	-32	36	5.5	2.7	-5.1	5	J
21												
22												
23												
24												
					OCT. 2, 1987							275
	462	5.0	41	J	4.3	1	181	-4.2	-0.0	0.1	1	J
	463	5.3	42	J	4.4	-12	179	-4.1	-0.3	-0.8	1	J
	462	5.0	45	J	4.1	-3	189	-3.9	-0.6	0.1	1	J
	459	5.9	52	J	4.4	11	195	-4.2	-0.5	1.3	1	J
	463	6.3	51	J	3.9	37	167	-2.6	1.6	1.3	2	J
	461	7.1	46	J	5.3	47	85	0.3	5.1	1.2	2	J
	453	8.1	66	J	5.1	-7	95	-0.4	3.1	-2.7	3	J
	451	7.0	87	J	3.5	-9	82	0.2	1.2	-1.1	3	J
	441	7.4	80	J	4.7	14	89	0.1	3.2	-1.1	3	J
	432	7.5	114	J	4.5	19	136	-2.3	2.5	-0.2	3	J
	434	6.8	90	J	4.4	40	121	-1.3	3.0	0.8	3	J
	411	6.0	94	J	5.0	-15	167	-4.6	0.6	-1.6	1	J
	407	7.7	56	J	3.9	22	132	-1.7	2.1	0.4	3	J
	417	7.3	50	J	4.5	40	17	2.9	1.5	2.2	2	J
	411	7.5	28	J	4.7	39	41	2.7	2.9	2.3	1	J
	410	8.0	27	J	4.5	43	34	2.7	2.4	2.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 3, 1987							276
1	408	7.7	24	J	4.8	18	30	4.0	2.6	0.9	0	J
2	410	9.0	23	J	5.3	27	35	3.9	3.2	1.6	1	J
3	406	9.2	21	J	5.2	25	39	3.6	3.4	1.2	1	J
4	402	9.9	19	J	5.0	19	42	3.4	3.5	0.4	1	J
5	411	11.8	23	J	6.2	18	42	4.3	4.3	0.2	2	J
6	415	16.9	27	J	7.5	30	60	3.1	6.4	0.8	2	J
7	425	15.8	46	J	9.2	2	112	-3.1	6.9	-3.5	4	J
8	431	17.0	57	J	10.4	8	87	0.5	9.3	-4.0	2	J
9	431	18.3	83	J	8.9	-17	105	-1.5	3.6	-4.4	7	J
10	420	14.7	66	J	9.4	-28	147	-6.4	1.2	-5.7	4	J
11	420	13.7	81	J	10.6	-20	138	-7.1	3.3	-6.5	3	J
12					10.0	-9	120	-4.0	5.0	-4.9	6	J
13	447	16.8	59	J	10.4	-16	106	-2.8	6.5	-7.6	1	J
14	438	13.6	52	J								
15	435	13.5	79	J								
16	436	14.5	76	J								
17	457	11.4	34	J								
18												
19												
20												
21												
22												
23												
24												
					OCT. 4, 1987							277
426	8.4	104		J	5.1	0	109	-1.3	3.7	-1.2	3	J
424	8.8	119		J	4.7	-21	130	-2.5	2.3	-2.4	2	J
431	9.4	122		J	4.1	7	135	-2.4	2.4	-0.6	2	J
444	9.1	88		J	4.3	21	113	-1.3	3.4	-0.2	2	J
444	8.3	83		J	4.7	26	121	-2.0	3.8	0.0	2	J
456	7.3	44		J	5.8	4	111	-2.0	4.6	-2.3	2	J
454	7.2	51		J	5.2	-6	116	-2.1	3.3	-2.8	2	J
445	7.2	97		J	5.3	-5	148	-4.3	2.0	-1.9	1	J
446	7.2	81		J	5.2	4	140	-3.4	2.6	-1.4	2	J
					OCT. 5, 1987							278
1												
2												
3												
4	408	8.7	53	J	3.6	-6	183	-3.6	-0.3	-0.3	0	J
5	406	8.5	34	J	3.7	-7	169	-3.5	0.5	-0.7	1	J
6	403	7.6	31	J	3.2	-6	158	-2.8	0.9	-0.8	1	J
7	394	9.4	36	J	2.8	9	185	-2.6	0.0	0.5	1	J
8	384	12.2	36	J	1.8	26	106	-0.2	1.0	-0.1	2	J
9	386	12.3	32	J	2.8	37	73	0.6	2.3	0.2	2	J
10	382	11.9	28	J	3.7	-3	73	0.9	2.4	-1.9	2	J
11	375	12.2	26	J	3.7	-15	104	-0.8	2.2	-2.6	1	J
12	374	14.0	23	J	3.8	-16	106	-0.9	2.1	-2.5	2	J
13	375	16.3	23	J	3.0	-51	164	-1.8	-0.8	-2.2	1	J
14	373	20.2	22	J	2.1	-40	63	0.6	0.5	-1.6	1	J
15	370	20.0	19	J	2.1	-37	335	1.2	-0.9	-0.6	1	J
16	369	22.9	18	J	1.7	-49	144	-0.6	0.0	-0.9	1	J
17	370	24.8	17	J	2.0	-38	204	-0.8	-0.6	-0.5	2	J
18	366	22.4	18	J	1.9	1	245	-0.7	-1.4	0.5	1	J
19	354	14.2	34	J	4.1	-12	334	3.5	-1.9	-0.3	1	J
20	354	14.0	37	J	4.1	-9	334	3.4	-1.7	-0.2	1	J
21	353	13.7	45	J	4.3	-11	342	3.8	-1.4	-0.5	1	J
22	361	15.8	32	J	3.9	37	350	2.3	-0.0	1.8	3	J
23	357	15.1	32	J	3.7	40	358	2.3	0.3	1.9	2	J
24	353	15.0	34	J	3.5	24	331	2.5	-1.1	1.5	2	J
					OCT. 6, 1987							279
353	14.7	25		J	3.4	28	294	1.2	-2.3	2.2	0	J
353	15.7	28		J	3.0	17	295	1.1	-2.1	1.4	1	J
357	16.4	26		J	3.0	4	300	1.4	-2.3	0.9	1	J
358	18.5	28		J	3.1	-16	144	-2.0	1.0	-1.3	2	J
365	15.8	26		J	4.1	39	131	-1.3	2.0	0.7	3	J
363	15.4	20		J	4.2	22	81	0.6	3.7	-0.6	2	J
355	13.7	32		J	1.9	36	2	1.4	0.6	0.8	1	J
353	11.6	33		J	3.9	18	347	3.6	-0.0	1.5	1	J
360	9.6	42		J	4.8	-3	332	4.1	-1.9	1.0	1	J
361	9.8	41		J	4.1	11	333	3.6	-1.1	1.7	0	J
					4.0	10	340	3.6	-0.7	1.3	1	J
356	11.1	33		J	3.4	17	319	2.4	-1.3	1.9	1	J
359	11.4	26		J	3.0	59	324	1.0	0.4	2.2	2	J
357	11.0	22		J	3.3	47	88	0.1	2.1	0.8	3	J
360	8.8	24		J	4.1	74	54	0.5	1.8	2.6	3	J
343	7.6	36		J	3.8	39	127	-1.2	2.1	1.0	3	J
					3.6	54	172	-1.5	0.8	1.9	3	J
341	6.6	34		J	4.4	-14	125	-2.4	3.1	-1.7	1	J
335	9.8	16		J	4.2	-2	133	-2.7	2.8	-0.7	2	J
335	9.3	17		J	4.4	0	135	-3.1	3.0	-0.6	1	J
					OCT. 7, 1987							280
1	328	9.8	22	J	4.4	-12	142	-3.4	2.4	-1.5	1	J
2	329	9.2	25	J	4.6	-16	160	-4.0	1.1	-1.5	1	J
3	323	9.9	28	J	4.6	3	166	-4.2	1.1	-0.1	2	J
4	326	11.5	28	J	5.1	6	163	-4.8	1.5	-0.0	1	J
5												
6												
7												
8	342	19.2	19	J	5.3	26	114	-1.9	4.7	-0.3	1	J
9	343	21.8	25	J	4.9	1	120	-2.2	3.2	-2.0	2	J
10	361	22.8	21	J	5.2	-29	136	-3.2	1.2	-3.8	1	J
11	372	31.3	19	J	5.0	-10	117	-2.1	2.9	-3.0	2	J
12	384	31.5	43	J	4.4	69	49	0.7	2.2	1.9	4	J
13	384	21.9	50	J	9.8	-12	127	-5.7	5.3	-5.8	3	J
14	385	22.8	40	J	9.9	17	124	-4.0	6.1	-1.1	7	J
15	382	23.8	48	J	9.5	83	16	1.1	4.7	8.0	2	J
16	428	16.9	223	J	6.4	77	1	0.9	1.7	3.5	5	J
17	410	13.2	106	J	9.1	19	294	3.1	-5.4	5.1	4	J
18	411	11.2	85	J	9.7	28	308	5.2	-4.7	6.4	2	J
19	421	12.5	110	J	8.3	43	297	2.6	-3.3	6.6	3	J
20	417	11.2	57	J	8.9	29	308	4.7	-4.7	5.6	2	J
21	423	8.2	78	J	8.0	-5	317	5.5	-5.2	0.5	3	J
22	460	6.0	108	J	8.9	19	321	6.4	-4.5	3.8	2	J
23	445	4.0	117	J	9.1	4	317	6.3	-5.7	1.8	3	J
24	459	4.2	101	J	9.3	-20	310	5.3	-6.7	-1.7	3	J
					OCT. 8, 1987							281
449	4.0	103		J	9.1	-20	319	6.3	-6.0	-1.8	2	J
448	3.8	99		J	8.8	-24	319	5.9	-5.8	-2.1	2	J
453	4.1	130		J	8.6	-2	324	6.6	-4.7	1.1	3	J
436	4.4	107		J	8.9	-5	335	7.8	-3.7	0.5	2	J
421	4.6	101		J	8.7	-13	346	8.2	-2.7	-1.0	1	J
					OCT. 9, 1987							282
1					8.0	7	308	4.8	-5.8	2.3	1	J
2					8.2	15	313	5.4	-5.1	3.5	1	J
3					8.5	12	310	5.3	-5.5	3.5	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12					10.0	6	339	9.3	-2.4	2.8	0	J
13	370	4.9	24	J	10.3	13	348	9.7	-0.5	3.0	1	J
14	362	5.0	25	J	10.5	14	352	10.0	0.1	2.9	1	J
15	358	4.7	24	J	10.2	11	352	9.8	-0.3	2.4	2	J
16	352	4.7	24	J	10.1	-4	349	9.7	-2.0	0.2	2	J
17	349	4.7	24	J	9.7	-16	351	9.1	-2.3	-1.9	1	J
18	348	4.3	24	J	9.6	-30	348	8.1	-3.2	-4.0	1	J
19	349	4.2	25	J	9.4	-26	353	8.1	-2.1	-3.5	2	J
20												
21												
22												
23												
24												
					OCT. 14, 1987							287
762	4.5	301		J	5.8	45	51	1.8	2.8	2.4	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 15, 1987							288
1	748	4.6	390	J	6.1	29	295	1.6	-3.0	2.8	4	J
2	746	4.6	362	J	6.1	20	316	2.9	-2.4	2.1	4	J
3	760	4.7	345	J	7.0	-25	8	2.3	0.0	-1.1	6	J
4	742	4.7	348	J	6.9	4	52	4.0	5.0	-1.2	2	J
5	755	4.9	368	J	7.2	10	45	4.3	4.4	-0.6	4	J
6	748	5.0	327	J	7.1	-5	22	5.2	1.7	-1.3	4	J
7	752	4.8	375	J	7.0	4	316	4.3	-3.5	2.3	3	J
8	744	3.7	235	J	6.0	-16	343	5.0	-2.1	-0.5	3	J
9	752	3.5	220	J	5.9	4	312	2.7	-2.4	1.9	4	J
10	735	3.3	220	J	6.0	-11	320	2.9	-2.5	0.7	4	J
11	756	3.4	221	J	5.7	-54	353	2.0	-1.7	-2.2	4	J
12	735	3.4	257	J	5.6	-19	334	3.4	-2.1	-0.2	4	J
13	778	3.6	223	J	5.1	-57	332	1.2	-1.6	-1.4	4	J
14	783	3.7	258	J	4.6	-31	330	1.9	-1.6	-0.6	4	J
15	761	3.2	173	J	4.5	-8	346	2.7	-0.8	-0.0	4	J
16	753	2.8	162	J	4.1	-16	10	3.9	0.2	-1.3	0	J
17												
18	767	3.3	188	J	4.7	-5	306	2.5	-3.4	0.8	2	J
19	747	3.1	195	J	4.6	-1	310	2.4	-2.8	0.7	3	J
20	698	2.5	154	J	5.3	12	353	4.3	-0.3	1.0	3	J
21	757	2.8	213	J	5.0	10	282	0.8	-3.6	1.5	3	J
22					5.2	29	278	0.6	-4.0	3.3	1	J
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 16, 1987							289
	731	4.1	238	J	5.3	23	276	0.5	-3.9	2.7	2	J
	712	3.8	137	J	5.4	7	293	1.7	-3.9	1.5	3	J
	703	4.1	142	J	5.5	5	294	1.8	-3.7	1.5	3	J
	706	4.4	141	J	5.5	9	291	1.6	-3.8	2.1	3	J
	697	4.5	142	J	5.2	-6	306	2.5	-3.4	0.9	3	J
	692	4.6	145	J	5.1	-9	327	3.5	-2.3	0.4	3	J
	680	4.6	165	J	5.1	-6	360	3.9	-0.2	-0.4	3	J
	686	4.0	156	J	5.6	-7	296	2.2	-4.2	1.8	2	J
	700	3.8	190	J	5.7	1	277	0.6	-4.2	2.7	3	J
	689	3.4	151	J	5.3	-5	292	1.6	-3.4	1.8	3	J
	690	3.6	177	J	5.0	19	323	1.8	-0.7	1.4	4	J
	694	3.4	134	J	5.4	62	53	1.3	3.7	2.5	3	J
	685	3.5	150	J	5.1	58	16	2.0	2.3	2.6	3	J
	673	3.5	184	J	4.7	-16	337	3.0	-1.6	-0.2	3	J
	674	3.2	173	J	4.6	-14	329	2.7	-1.8	0.0	3	J
	688	3.0	155	J	4.5	-40	310	1.7	-2.8	-1.2	3	J
	694	3.0	143	J	4.1	48	243	-0.9	-0.8	2.7	3	J
	694	3.3	127	J	4.2	-29	233	-2.1	-3.3	-1.0	1	J
	668	3.1	135	J	4.2	41	226	-0.9	-0.6	1.4	4	J
	643	3.1	130	J	4.4	67	352	0.5	0.2	1.2	4	J
	645	3.4	150	J	3.6	0	257	-0.7	-3.0	0.6	2	J
	640	3.5	128	J	3.3	14	279	0.4	-2.2	1.0	2	J
	629	4.1	128	J	3.7	-2	260	-0.6	-3.2	0.5	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 17, 1987							290
1												
2												
3	601	4.7	149	J	4.7	4	259	-0.9	-4.3	1.6	1	J
4	582	4.8	126	J	4.9	1	278	0.7	-4.5	1.6	1	J
5												
6												
7												
8	562	6.3	104	J	5.4	-11	277	0.5	-4.2	1.5	3	J
9	562	7.5	157	J	5.1	-42	280	0.4	-2.8	-0.5	4	J
10	566	7.4	105	J	6.1	-42	275	0.3	-4.6	-0.7	4	J
11	565	8.5	130	J	6.8	18	281	0.8	-2.6	3.2	5	J
12	568	7.2	164	J	6.6	-3	309	2.0	-2.2	1.2	6	J
13	603	6.2	225	J	6.6	8	66	1.1	2.4	-1.0	6	J
14	599	6.4	205	J	5.8	-54	73	0.8	0.4	-4.5	4	J
15	581	6.9	206	J	6.0	-1	314	2.8	-2.7	1.3	4	J
16	591	6.2	177	J	4.9	-65	344	1.3	-1.5	-2.5	4	J
17	589	5.8	164	J	4.2	-3	344	2.6	-0.7	0.1	3	J
18	590	4.5	162	J	3.9	-14	43	2.6	2.0	-1.6	1	J
19	586	4.4	166	J	3.8	-8	311	2.3	-2.7	0.2	2	J
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 18, 1987							291
	530	4.9	133	J	3.8	30	329	2.5	-0.8	2.1	2	J
	539	4.7	108	J	4.3	47	326	2.3	-0.2	3.3	2	J
	558	4.0	80	J	4.1	29	343	2.3	-0.0	1.5	3	J
	567	3.8	69	J	4.1	23	27	3.3	2.2	0.5	1	J
	556	3.8	75	J	4.0	15	11	3.6	1.1	0.5	1	J
	552	3.4	91	J	3.3	-3	341	2.8	-0.9	0.4	1	J
	548	4.3	144	J	3.5	-11	342	3.2	-1.2	0.0	1	J
	545	4.0	111	J	3.4	-5	356	2.5	-0.3	-0.1	2	J
	564	4.7	79	J	3.3	14	225	-2.1	-1.4	1.7	1	J
	535	3.4	117	J	4.1	22	339	3.0	-0.4	1.7	2	J
	524	3.3	102	J	4.2	23	351	3.7	0.2	1.7	1	J
	542	3.4	75	J	4.1	-16	269	-0.1	-3.3	0.5	2	J
	543	3.3	134	J	4.5	14	347	4.2	-0.5	1.3	1	J
	538	3.3	166	J	4.8	12	345	4.3	-0.8	1.3	1	J
	517	2.9	98	J	4.8	7	345	4.4	-1.0	0.9	1	J
	518	2.4	69	J	4.6	-6	346	4.2	-1.1	-0.2	1	J
	509	2.6	58	J	4.7	-6	349	4.5	-1.0	-0.3	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 19, 1987							292
1												
2												
3												
4												
5												
6	483	2.4	47	J	4.6	7	4	4.1	0.5	0.3	1	J
7	481	2.6	49	J	4.8	4	345	4.4	-0.9	0.8	1	J
8	475	4.2	59	J	5.5	1	337	4.9	-1.7	1.1	1	J
9	462	4.0	50	J	5.3	4	347	5.1	-0.8	0.9	1	J
10												
11												
12												
13	448	7.9	102	J	5.1	-23	349	4.0	-1.5	-1.1	3	J
14	458	6.4	45	J	6.8	-3	281	1.3	-5.8	2.8	1	J
15	466	6.2	44	J	7.1	-21	265	-0.5	-6.6	0.7	2	J
16	431	6.3	57	J	5.8	-13	333	3.9	-2.2	-0.1	4	J
17	433	6.4	67	J	6.2	-9	303	3.2	-5.0	0.9	1	J
18	440	6.6	63	J	5.8	-20	311	3.5	-4.4	-0.6	1	J
19	442	6.2	51	J	5.6	-15	297	2.4	-4.9	-0.1	1	J
20	442	6.5	41	J	5.5	-12	296	2.3	-4.9	-0.0	1	J
21	432	7.1	33	J	5.5	-9	304	2.9	-4.4	0.0	1	J
22	425	6.9	42	J	5.9	-12	309	3.6	-4.6	-0.4	1	J
23	419	6.9	43	J	5.7	-8	309	3.6	-4.5	-0.1	1	J
24	420	7.8	36	J	5.6	-3	296	2.4	-4.9	0.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 20, 1987							293
	414	7.8	28	J	5.7	-4	304	3.1	-4.5	0.5	1	J
	409	8.2	23	J	5.4	-6	308	3.3	-4.3	0.4	0	J
	406	7.7	21	J	5.4	-9	312	3.6	-4.0	0.2	0	J
	410	8.9	22	J	5.6	-6	311	3.6	-4.1	0.8	1	J
	407	8.1	20	J	5.8	-7	317	4.2	-3.9	0.8	0	J
	433	7.3	37	J	6.3	-35	296	2.2	-5.7	-0.8	1	J
	416	7.7	30	J	6.2	-21	316	4.1	-4.5	0.2	1	J
	409	7.9	23	J	6.1	-13	334	5.3	-2.9	0.2	1	J
	408	7.6	20	J	6.3	-14	330	5.2	-3.3	0.4	1	J
	409	8.6	22	J	6.4	-26	309	3.6	-5.2	0.0	1	J
	408	9.3	20	J	6.1	-32	301	2.6	-5.4	-0.5	1	J
	406	10.1	18	J	6.2	-35	314	3.5	-4.8	-1.3	1	J
	412	8.8	18	J	6.6	-37	318	3.8	-4.8	-1.9	1	J
	395	7.1	16	J	6.7	-45	308	2.9	-5.2	-2.8	1	J
	395	9.1	20	J	6.6	-52	328	3.4	-3.9	-4.1	1	J
	387	8.4	22	J	6.7	-52	334	3.7	-3.3	-4.5	1	J
	382	8.4	29	J	6.8	-55	317	2.8	-3.9	-4.5	1	J
	384	9.7	29	J	6.7	-52	292	1.5	-4.8	-4.2	1	J
	368	9.4	18	J	6.8	-56	312	2.5	-3.8	-4.9	1	J
	370	11.7	18	J	6.6	-54	306	2.3	-4.0	-4.7	1	J
					6.9	-54	297	1.8	-4.5	-4.9	0	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 21, 1987							294
1	369	10.3	17	J	7.5	-73	263	-0.3	-3.3	-6.3	2	J
2	366	10.1	15	J	7.5	-66	264	-0.3	-4.4	-5.9	2	J
3	370	9.9	16	J	7.6	-65	273	0.2	-4.8	-5.7	2	J
4	360	10.4	17	J	7.8	-58	251	-1.3	-5.7	-5.0	1	J
5	369	14.4	16	J	8.0	-40	229	-4.0	-6.2	-3.1	0	J
6												
7												
8												
9												
10	363	17.6	30	J	8.2	-10	208	-7.0	-3.9	0.8	1	J
11	358	18.0	26	J	8.0	-4	215	-6.3	-4.0	1.9	2	J
12	350	16.6	24	J	8.0	-33	271	0.1	-3.6	-0.1	7	J
13	357	11.0	53	J	8.8	-23	17	7.6	0.3	-4.1	1	J
14	343	11.4	48	J	8.7	-22	20	7.5	0.8	-4.1	1	J
15	342	10.6	35	J	8.3	-29	12	6.8	-0.4	-4.1	3	J
16	348	11.8	36	J	7.2	-41	8	4.2	-0.9	-3.6	5	J
17	346	19.2	40	J	6.2	-42	25	3.5	0.3	-3.8	3	J
18	360	17.6	41	J	6.9	-49	354	3.3	-1.5	-3.5	5	J
19	370	18.9	24	J	6.0	-44	269	-0.1	-3.8	-2.1	4	J
20	361	14.0	32	J	6.9	-39	40	3.2	1.9	-3.9	4	J
21	367	15.7	37	J	6.5	14	236	-3.5	-4.8	2.5	1	J
22	364	15.8	35	J	5.9	11	240	-2.8	-4.7	1.9	1	J
23	357	16.4	40	J	3.9	37	290	0.8	-2.0	2.2	2	J
24	337	16.1	32	J	4.6	17	320	3.2	-2.5	1.7	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 22, 1987							295
	346	16.6	32	J	4.9	-13	302	1.9	-3.2	-0.3	3	J
	337	17.7	25	J	5.3	2	325	3.8	-2.5	0.7	3	J
	343	20.6	28	J	6.2	33	324	3.7	-1.8	3.5	3	J
	345	19.9	32	J	6.3	40	2	3.7	1.1	2.9	4	J
	348	18.9	33	J	7.3	35	317	3.5	-1.8	4.3	5	J
	335	15.1	29	J	7.5	-24	304	3.6	-6.0	0.2	2	J
	328	15.3	43	J	7.1	9	345	5.7	-0.9	1.6	4	J
	340	13.1	40	J	8.5	36	16	6.5	3.8	3.6	2	J
	342	13.9	39	J	8.5	38	0	6.4	2.0	4.6	3	J
	344	14.3	57	J	9.5	49	358	6.1	2.2	6.7	2	J
	349	15.1	46	J	10.0	51	351	5.7	1.3	7.1	4	J
	347	15.0	34	J	10.1	55	13	5.6	3.3	7.6	2	J
	354	15.6	29	J	10.0	59	4	4.9	2.1	7.9	3	J
	367	35.5	20	J	7.3	42	38	3.5	3.4	3.4	4	J
	358	45.4	22	J	5.5	40	46	2.6	3.2	2.7	3	J
					5.4	28	61	1.8	3.5	1.4	3	J
	0	0.0	0	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 27, 1987							300
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24					9.8	-60	155	-3.2	0.6	-6.3	7	J
					OCT. 28, 1987							301
	602	9.5	261	J	10.1	-21	150	-6.9	3.4	-3.7	5	J
	609	9.3	214	J	9.7	-5	148	-7.1	4.2	-1.6	5	J
	628	9.2	231	J	9.3	23	154	-6.0	3.5	2.1	6	J
	632	8.5	195	J	8.5	-26	164	-6.7	0.9	-3.8	3	J
	664	8.2	293	J	8.5	-53	154	-3.5	-0.2	-5.5	5	J
	657	8.8	411	J	8.4	-28	161	-5.8	0.5	-3.8	5	J
	676	7.9	341	J	6.6	-8	150	-3.8	1.7	-1.5	5	J
	704	7.3	325	J	7.5	-48	206	-2.8	-2.8	-2.4	6	J
	676	6.3	198	J	7.6	0	149	-5.9	3.1	-1.8	3	J
	677	5.9	184	J	7.0	-13	149	-5.2	1.9	-2.8	3	J
	674	5.4	198	J	8.0	-7	134	-4.5	3.6	-3.1	5	J
	659	4.8	185	J	6.9	0	149	-5.5	2.8	-1.7	2	J
	641	4.8	203	J	6.5	-5	161	-5.5	1.4	-1.4	3	J
	668	4.5	200	J	5.8	10	160	-4.2	1.7	-0.0	4	J
	681	3.9	198	J	4.9	1	187	-3.6	-0.4	0.2	3	J
					5.1	-7	239	-2.4	-3.9	1.0	2	J
	662	3.3	169	J	4.5	-8	134	-2.6	2.6	-1.0	2	J
	678	3.6	214	J	3.7	19	108	-0.8	2.5	0.5	3	J
					OCT. 29, 1987							302
1												
2	646	3.5	144	J	3.1	-41	77	0.3	1.2	-1.6	2	J
3	632	3.6	131	J	2.7	-30	97	-0.2	1.4	-1.3	2	J
4	628	3.5	105	J	3.0	-19	121	-1.0	1.4	-1.1	2	J
5	616	3.1	99	J	3.8	-6	184	-3.7	-0.4	-0.3	1	J
6	616	3.0	121	J	3.6	8	181	-3.4	0.1	0.5	1	J
7	614	3.0	109	J	3.3	0	143	-1.8	1.2	-0.6	2	J
8	618	3.2	106	J	3.2	-2	111	-0.9	2.1	-1.2	2	J
9	617	3.2	104	J	3.2	-7	129	-1.8	1.8	-1.4	1	J
10	613	3.0	93	J	3.2	-18	127	-1.6	1.4	-1.8	2	J
11	603	2.8	97	J	3.4	-20	124	-1.7	1.6	-2.3	1	J
12	599	2.9	113	J	3.5	-18	145	-2.6	1.1	-1.8	1	J
13	583	3.6	99	J	3.5	-18	151	-2.7	0.8	-1.6	1	J
14	562	3.6	59	J	4.2	-24	147	-3.2	1.1	-2.5	0	J
15	556	3.4	55	J	4.6	-20	150	-3.7	1.3	-2.3	0	J
16	544	4.2	73	J	4.5	-16	148	-3.6	1.6	-2.0	1	J
17	508	5.1	51	J	4.2	7	144	-3.1	2.2	-0.3	2	J
18												
19												
20												
21	523	8.5	124	J	4.6	-20	203	-3.3	-1.6	-1.1	3	J
22	527	10.2	144	J	4.2	9	227	-1.8	-1.8	0.7	3	J
23	524	11.1	119	J	4.7	12	88	0.1	3.3	0.3	3	J
24	522	10.7	87	J	6.0	18	65	1.3	2.9	0.6	5	J
					OCT. 30, 1987							303
	537	8.0	201	J	4.4	29	55	2.1	3.3	1.3	2	J
	534	6.8	192	J	4.0	-4	77	0.7	2.7	-1.0	3	J
	524	6.3	171	J	4.6	-18	119	-1.1	1.6	-1.3	4	J
	522	6.7	137	J	4.5	4	88	0.1	3.6	-1.2	2	J
	514	6.2	96	J	4.8	4	110	-1.5	3.8	-1.5	2	J
	509	6.2	78	J	4.6	-54	116	-0.9	0.3	-3.5	3	J
	508	5.8	78	J	5.1	-19	129	-2.9	2.3	-3.1	2	J
	501	5.6	80	J	4.5	-7	129	-2.4	2.3	-1.9	2	J
	501	5.3	62	J	4.3	-6	95	-0.3	3.1	-2.3	2	J
	502	6.7	78	J	4.4	22	31	3.3	2.5	0.4	1	J
	499	6.9	66	J	5.0	6	19	4.6	1.6	-0.3	1	J
	493	6.1	51	J	5.1	20	5	4.6	1.1	1.3	1	J
	484	6.6	65	J	3.6	12	15	3.3	1.1	0.3	1	J
	487	6.0	41	J	3.9	9	21	3.6	1.5	0.1	1	J
	475	5.4	83	J	2.7	27	125	-0.9	1.4	0.6	2	J
	477	5.2	87	J	2.9	-4	126	-0.9	1.2	-0.3	2	J
	491	5.4	78	J	3.0	-8	48	1.9	2.0	-0.7	1	J
					OCT. 31, 1987							304
1	466	5.9	58	J	3.1	-2	80	0.5	2.7	-0.5	1	J
2	465	6.1	59	J	2.5	7	51	1.5	1.9	-0.1	1	J
3												
4												
5												
6												
7	460	6.4	54	J	4.7	-17	82	0.4	2.2	-2.0	4	J
8	478	7.1	57	J	5.5	-12	64	2.3	3.7	-3.2	1	J
9	454	6.7	75	J	5.2	-21	180	-4.5	-0.8	-1.5	2	J
10	461	4.9	70	J	6.1	-19	170	-5.6	-0.1	-2.2	1	J
11	449	5.3	88	J	5.5	-5	169	-5.2	0.6	-0.9	2	J
12	433	6.7	114	J	4.5	-9	184	-4.3	-0.6	-0.4	1	J
13	434	8.6	72	J	4.6	5	31	3.2	1.9	-0.6	3	J
14	446	9.2	73	J	4.6	3	26	3.9	1.8	-0.7	2	J
15	454	8.8	48	J	3.5	-14	27	2.8	1.0	-1.3	2	J
16					3.7	6	14	3.4	0.9	0.0	1	J
17					5.1	-19	171	-4.1	0.2	-1.6	3	J
18	427	10.5	68	J	5.2	-19	127	-2.3	2.6	-2.1	3	J
19	415	9.7	47	J	5.3	-8	83	0.6	4.7	-1.8	1	J
20	412	8.9	40	J	5.3	-13	81	0.8	4.6	-2.0	2	J
21					5.1	-4	56	2.8	4.0	-1.0	1	J
22												
23												
24												
					NOV. 1, 1987							305
	404	6.7	37	J	4.8	-6	57	2.5	3.3	-2.1	1	J
	406	7.1	39	J	4.7	-1	35	3.7	2.2	-1.3	1	J
	396	7.8	35	J	4.5	5	46	2.6	2.5	-1.0	3	J
	392	6.8	27	J	4.7	-20	42	3.2	1.7	-2.8	1	J
	378	8.3	35	J	3.6	-37	113	-0.9	0.9	-2.5	2	J
	376	8.4	31	J	3.3	4	124	-1.5	2.0	-0.9	2	J
	382	8.7	33	J	4.1	-13	99	-0.6	3.0	-2.6	1	J
	382	8.8	29	J	4.5	-2	101	-0.8	3.7	-2.0	1	J
	377	10.5	41	J	4.5	47	126	-1.6	3.2	1.8	2	J
	376	10.3	26	J	4.1	43	111	-0.9	3.0	1.3	2	J
	371	10.4	20	J	2.8	16	105	-0.7	2.7	-0.1	1	J
	367	10.1	18	J	3.3	-14	106	-0.7	2.3	-1.3	2	J
	365	10.5	20	J	3.0	-4	109	-0.9	2.5	-0.8	1	J
	355	9.7	22	J	2.8	6	81	0.4	2.4	-0.2	1	J
	357	8.4	22	J	3.7	24	349	3.2	-0.4	1.5	1	J
	359	7.8	19	J	4.0	28	347	3.4	-0.6	2.0	0	J
	337	11.3	17	J	2.9	26	343	2.4	-0.6	1.3	1	J
					NOV. 2, 1987							306
1												
2												
3												
4												
5												
6												
7												
8												
9	355	15.3	37	J	7.2	23	65	2.6	6.2	-0.4	3	J
10	367	10.2	38	J	6.9	-38	186	-4.4	-2.1	-2.8	4	J
11	372	7.6	31	J	8.3	-36	193	-6.5	-3.7	-3.4	1	J
12	370	11.4	32	J	7.4	-38	166	-5.5	-1.0	-4.5	2	J
13	370	13.4	48	J	7.7	-37	143	-4.8	1.0	-5.7	2	J
14	366	13.8	56	J	7.2	-26	153	-5.6	1.2	-4.0	1	J
15	359	13.7	67	J	6.9	-16	164	-6.3	0.9	-2.4	1	J
16	366	14.0	58	J	8.0	-22	138	-5.0	3.3	-4.2	4	J
17	437	30.4	116	J	11.3	-3	49	6.7	7.2	-2.9	5	J
18	463	30.2	107	J	13.7	-9	61	6.0	9.9	-4.7	6	J
19	470	30.3	168	J	11.9	-13	97	-0.6	4.3	-2.0	11	J
20	475	26.5	195	J	9.3	-18	93	-0.4	7.1	-3.7	5	J
21	474	21.8	184	J	10.7	-14	117	-4.7	8.7	-3.8	1	J
22					10.0	-8	168	-9.0	1.7	-1.5	4	J
23												
24	420	24.3	120	J	9.8	-6	135	-6.8	6.7	-1.8	1	J
					NOV. 3, 1987							307
	419	26.0	75	J	8.9	-9	139	-6.3	5.2	-2.0	3	J
	415	32.5	55	J	5.9	68	349	1.4	0.3	3.5	5	J
	414	31.9	50	J	5.9	14	114	-2.2	5.0	0.3	2	J
	415	29.8	73	J	7.5	36	135	-2.9	3.6	2.1	6	J
	423	32.1	56	J	7.1	5	299	3.3	-5.4	2.5	3	J
	439	50.4	119	J	7.8	-8	291	2.7	-6.6	2.6	2	J
	426	45.3	95	J	12.0	-15	283	2.5	-11.0	2.7	4	J
	411	34.8	90	J	11.5	-31	304	4.7	-8.6	-1.2	6	J
	409	29.7	120	J	9.3	-5	299	2.3	-3.9	1.4	8	J
	426	32.4	188	J	9.2	-3	110	-2.0	4.9	-2.4	8	J
	436	10.8	50	J	19.5	68	299	3.5	0.4	18.7	4	J
	440	28.8	62	J	15.1	-12	281	2.2	-11.6	1.1	10	J
	444	22.7	102	J	15.1	-51	281	1.5	-10.2	-7.6	8	J
	459	30.2	116	J	11.5	7	286	3.0	-10.0	3.5	4	J
	481	22.9	44	J	6.9	-25	282	1.2	-6.0	-1.7	3	J
	504	9.7	33	J	5.5	-58	202	-2.5	-1.6	-4.1	3	J
	501	7.9	35	J	5.8	-39	90	0.0	3.4	-3.5	3	J
	497	9.7	30	J	4.4	-27	74	1.1	3.5	-2.4	1	J
	483	10.4	41	J	4.6	-17	97	-0.5	4.0	-1.7	1	J

NOV. 4, 1987 — 308

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	468	11.3	38	J	4.9	16	149	-3.5	2.3	0.9	2	J
2	472	10.2	42	J	5.3	37	171	-4.2	1.2	3.0	1	J
3	474	13.5	37	J								
4	469	17.1	38	J								
5	463	17.3	39	J								
6												
7												
8												
9												
10												
11												
12												
13												
14	424	12.8	36	J								
15	430	9.9	23	J								
16	433	10.3	21	J								
17	431	13.0	20	J								
18	426	15.9	24	J								
19												
20												
21												
22												
23												
24												

NOV. 9, 1987 — 313

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
358	17.0	56	J	10.5	-3	305	5.6	-7.5	2.7	3	J
349	16.4	61	J	10.9	-29	325	7.0	-6.5	-2.2	4	J
367	15.8	73	J	10.3	2	293	3.0	-6.2	3.5	7	J
371	15.8	71	J	9.4	16	287	2.2	-5.3	5.3	5	J
369	16.4	78	J	9.7	13	296	3.9	-6.0	5.6	3	J
363	17.6	89	J	9.8	-20	303	4.2	-7.1	0.5	5	J
361	15.1	72	J	8.8	-34	332	6.0	-4.9	-2.7	3	J
361	14.6	62	J	8.3	-16	300	3.7	-6.6	0.7	3	J
367	14.6	46	J	8.2	-12	283	1.7	-7.4	1.2	3	J
368	14.6	54	J	6.4	-49	325	2.7	-2.6	-3.4	4	J
361	13.7	66	J	7.0	-7	315	4.6	-4.7	-0.2	2	J
364	15.5	71	J	6.8	2	304	3.6	-5.2	0.8	2	J

NOV. 10, 1987 — 314

1	385	18.9	89	J	10.2	-10	3	8.6	0.3	-1.5	5	J
2	396	16.0	88	J	12.0	-2	337	9.5	-4.0	0.2	6	J
3	393	16.0	113	J	12.4	-4	337	10.8	-4.7	0.0	4	J
4	407	17.6	74	J	11.6	33	286	2.3	-6.7	7.2	6	J
5	390	18.3	85	J	10.1	-1	332	6.8	-3.5	0.9	6	J
6	375	17.9	48	J	11.4	2	359	11.1	-0.0	0.4	3	J
7	377	17.6	68	J	10.9	2	341	9.7	-2.9	1.6	3	J
8	406	17.0	78	J	11.0	41	263	-0.8	-3.4	7.9	7	J
9	405	17.2	86	J	9.5	32	265	-0.6	-4.2	7.1	5	J
10	403	15.3	132	J	7.7	-18	304	2.1	-3.4	0.4	7	J
11	400	16.9	132	J	7.6	-34	358	5.5	-1.9	-3.2	4	J
12	396	19.0	148	J	8.6	14	282	1.4	-5.0	4.4	5	J
13	414	8.9	138	J	9.6	-7	326	7.3	-4.9	1.2	4	J
14	425	10.3	155	J	8.2	10	294	2.6	-5.0	3.5	5	J
15	446	8.7	120	J	7.6	28	255	-1.6	-4.2	5.1	3	J
16	427	11.0	126	J	9.1	-19	306	4.6	-6.9	-0.5	4	J
17	437	11.3	124	J	8.8	28	278	1.1	-6.1	5.9	1	J
18	433	11.0	96	J	7.9	22	290	2.4	-5.8	4.2	2	J
19	441	11.7	89	J	8.3	30	288	2.2	-5.9	5.2	2	J
20	451	13.0	82	J	9.0	28	272	0.2	-6.3	4.5	4	J
21	428	12.4	86	J	8.9	7	306	4.8	-6.5	1.7	3	J
22	451	10.8	116	J	8.4	-12	338	7.3	-3.1	-1.4	2	J
23	452	11.7	137	J	8.6	-22	346	7.7	-2.2	-3.1	1	J
24												

NOV. 11, 1987 — 315

433	10.5	121	J	10.1	-21	344	8.8	-2.9	-3.2	2	J
427	11.3	162	J	10.0	-17	350	9.3	-2.1	-2.6	1	J
435	9.4	104	J	10.3	-17	0	9.8	-0.7	-2.9	1	J
450	9.9	131	J	11.6	-26	360	9.7	-1.3	-4.5	4	J
471	10.3	122	J	12.3	-29	343	9.5	-4.6	-4.2	5	J
504	13.7	160	J	11.0	-17	287	2.1	-7.3	0.6	8	J
505	13.9	128	J	10.1	0	266	-0.6	-7.1	3.3	6	J
503	14.9	164	J	6.8	-7	267	-0.2	-2.9	1.0	6	J
516	13.1	130	J	7.2	-4	221	-4.4	-3.5	1.4	4	J
520	10.1	132	J	7.4	-6	217	-5.3	-3.9	1.3	3	J
517	7.0	211	J	7.3	-3	243	-2.9	-5.3	2.3	3	J
517	6.1	202	J	6.2	13	204	-5.1	-1.5	2.1	3	J
506	6.9	238	J	4.7	35	174	-0.8	0.3	0.5	5	J
514	6.7	223	J	5.7	7	352	4.1	-0.7	-0.3	4	J
507	7.9	202	J	7.0	13	254	-1.5	-4.5	2.8	4	J
512	8.6	152	J	8.8	21	218	-5.9	-3.7	4.0	4	J
				7.2	22	225	-2.8	-2.3	2.1	6	J

NOV. 12, 1987 — 316

1											
2											
3											
4	506	8.6	107	J	6.0	55	256	-0.4	-1.0	2.5	5	J
5	504	12.7	109	J	7.5	26	253	-1.7	-4.5	4.2	4	J
6	511	11.6	124	J	10.0	-1	278	1.2	-7.9	2.6	5	J
7	542	8.7	267	J	8.6	-40	312	2.8	-4.2	-2.1	7	J
8	549	9.1	312	J	7.5	-24	30	4.6	1.4	-3.3	5	J
9	564	7.9	201	J	8.7	-49	352	4.7	-3.0	-4.6	5	J
10	563	6.7	116	J	9.1	-13	339	7.4	-3.3	-0.3	4	J
11	583	7.4	125	J	8.5	18	350	6.1	-0.0	2.3	5	J
12	577	6.1	129	J	8.8	17	343	7.4	-1.0	3.1	3	J
13	579	6.2	153	J	9.5	4	317	6.5	-5.2	3.2	3	J
14	598	6.2	199	J	9.9	4	307	5.6	-6.6	3.6	3	J
15	602	6.5	253	J	10.5	0	288	2.8	-8.0	3.1	5	J
16	572	5.8	142	J	10.6	2	310	6.3	-7.0	2.7	4	J
17	592	5.7	192	J	10.0	16	313	5.8	-5.4	4.0	5	J
18	632	5.1	170	J	9.9	18	295	3.7	-7.2	4.5	4	J
19	598	5.2	160	J	10.5	2	318	7.6	-6.7	1.5	2	J
20	619	5.5	192	J	10.8	-12	316	6.0	-5.9	-1.0	7	J
21	609	5.5	176	J	10.5	0	317	7.2	-6.7	0.6	4	J
22	629	5.6	168	J	9.2	0	355	6.7	-0.6	0.0	6	J
23	654	5.7	230	J	8.9	5	311	4.3	-4.9	0.9	6	J
24	674	6.0	240	J	9.1	-5	287	2.0	-6.5	-0.2	6	J

NOV. 13, 1987 — 317

639	6.1	204	J	8.8	-1	320	5.7	-4.8	0.3	5	J
651	6.5	239	J	8.0	10	313	4.4	-4.5	1.7	4	J
658	5.5	237	J	7.9	-13	302	3.7	-6.1	0.1	3	J
624	5.3	131	J	8.0	-19	339	6.3	-3.0	-1.4	4	J
618	5.0	99	J	7.8	-8	347	6.5	-1.7	-0.3	4	J
652	4.8	154	J	7.2	28	350	4.1	0.3	2.3	5	J
643	4.5	152	J	6.3	5	1	5.0	0.3	0.4	4	J
695	4.9	199	J	6.0	8	65	1.9	3.9	-1.3	4	J
693	4.8	174	J	6.0	26	54	2.2	3.6	0.2	4	J
668	4.7	182	J	5.9	3	17	4.2	1.3	-0.4	4	J
678	4.7	141	J	6.1	37	22	4.0	2.8	2.3	3	J
667	4.6	168	J	5.9	-9	12	3.9	0.5	-0.9	4	J
651	4.8	209	J	5.8	-3	5	4.8	0.3	-0.4	3	J
660	4.7	190	J	6.3	14	26	5.0	2.7	0.6	3	J
659	5.6	177	J	6.7	6	34	4.7	3.2	-0.2	3	J
682	5.7	282	J	6.6	34	22	3.9	2.1	2.5	4	J
673	5.4	178	J	7.5	18	308	3.5	-4.3	2.2	4	J
684	4.8	195	J	6.4	31	281	0.8	-3.8	2.7	4	J
651	5.1	199	J	6.1	-18	327	3.4	-2.2	-1.2	4	J
641	4.7	132	J	6.2	9	325	4.0	-2.8	0.9	3	J

NOV. 14, 1987 — 318

1	641	5.1	138	J	6.5	25	327	4.1	-2.5	2.5	4	J
2	638	4.5	135	J	6.8	12	311	3.7	-4.1	1.7	4	J
3	672	4.4	182	J	6.5	8	294	2.3	-5.1	1.6	3	J
4	667	4.4	211	J	6.1	-11	308	3.0	-4.0	-0.1	3	J
5												
6												
7	632	4.2	119	J	6.5	-22	304	3.3	-5.5	-0.4	1	J
8	627	4.7	102	J	6.1	-13	332	4.0	-2.4	-0.1	4	J
9	638	5.2	149	J	5.6	-33	355	2.7	-1.0	-1.5	5	J
10	641	5.5	142	J	5.9	4	293	1.8	-3.7	2.2	3	J
11	641	5.1	149	J	5.7	-51	296	1.3	-3.9	-2.0	3	J
12	630	5.3	155	J	5.3	-39	312	2.1	-3.2	-1.2	3	J
13	630	5.4	138	J	5.1	-27	358	2.9	-0.7	-1.3	4	J
14	637	5.6	187	J	5.7	50	282	0.6	-1.2	4.0	4	J
15	617	5.3	173	J	5.5	12	317	3.0	-2.3	1.8	3	J
16	612	4.9	173	J	5.9	-22	337	3.8	-2.0	-1.1	4	J
17	590	4.9	190	J	5.8	-13	12	5.1	0.8	-1.5	2	J
18	604	4.9	194	J	5.3	-1	328	3.4	-2.1	0.4	3	J
19	589	5.2	195	J	4.9	22	1	3.7	0.3	1.5	3	J
20	609	5.4	195	J	4.6	2	338	3.2	-1.3	0.3	3	J
21	615	5.1	177	J	4.6	38	38	1.8	1.5	1.7	4	J
22												
23	605	5.1	150	J	5.1	5	334	4.4	-2.1	0.5	1	J
24	620	4.4	145	J	5.1	11	314	2.3	-2.4	0.8	4	J

NOV. 15, 1987 — 319

591	5.1	155	J	4.8	30	328	2.9	-0.7	2.5	3	J
602	5.1	138	J	4.6	-14	309	1.5	-2.0	0.3	4	J
595	5.0	149	J	4.5	30	323	2.6	-0.9	2.5	2	J
615	4.8	116	J	4.3	71	321	0.9	0.7	3.2	3	J
601	4.3	132	J	4.1	-23	313	1.3	-1.6	-0.2	3	J
582	4.3	122	J	4.0	-2	344	3.3	-0.9	0.2	2	J
572	4.2	89	J	3.9	1	343	3.3	-0.9	0.4	2	J
570	4.2	75	J	4.0	22	336	3.0	-1.0	1.6	2	J
582	3.9	88	J	3.9	0	289	1.1	-3.2	0.6	2	J
574	3.9	75	J	3.9	-11	295	1.3	-2.9	-0.2	2	J
570	4.0	81	J	4.3	4	304	1.6	-2.3	0.4	3	J
559	3.7	88	J	4.2	31	12	2.9	0.7	1.7	2	J
560	4.3	90	J	4.0	6	11	3.1	0.6	0.3	2	J
				4.0	-12	23	3.6	1.5	-0.9	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					NOV. 16, 1987							320
1	555	4.5	90	J	4.3	-5	15	3.7	1.0	-0.4	2	J
2	554	4.7	98	J	4.7	-3	28	3.8	2.0	-0.4	2	J
3	557	4.1	91	J	4.7	3	38	3.2	2.5	-0.1	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12	520	5.8	96	J	5.1	20	275	0.4	-3.2	3.3	1	J
13	518	6.6	99	J	5.2	41	264	-0.4	-1.9	4.1	2	J
14	511	5.9	82	J	4.9	-14	260	-0.7	-4.2	0.6	2	J
15	495	5.2	91	J	3.7	-29	318	1.9	-2.1	-0.8	2	J
16	487	4.9	79	J	4.0	-25	315	2.4	-2.7	-0.8	1	J
17	461	4.1	51	J	4.6	-8	326	3.4	-2.4	-0.0	2	J
18	466	3.7	62	J	4.7	-16	325	3.2	-2.4	-0.7	2	J
19					4.7	8	338	4.1	-1.6	0.9	2	J
20	456	4.1	46	J	4.8	15	323	3.5	-2.5	1.4	2	J
21	455	3.9	61	J	4.7	16	323	3.4	-2.5	1.4	1	J
22	438	4.4	112	J	4.4	11	322	3.0	-2.3	0.8	2	J
23	423	3.7	61	J	4.6	1	342	4.2	-1.4	0.1	1	J
24	423	4.3	76	J	4.4	-4	336	3.8	-1.7	-0.2	1	J
					NOV. 21, 1987							325
	366	11.2	38	J	6.5	-21	196	-5.6	-1.6	-2.2	2	J
					NOV. 22, 1987							326
1	358	11.1	52	J	7.2	-2	184	-6.8	-0.5	-0.2	2	J
2	355	10.7	51	J	6.7	-3	197	-6.3	-1.9	-0.2	1	J
3	356	11.3	48	J	6.1	-34	168	-4.4	0.6	-3.1	3	J
4	352	11.3	65	J	6.1	-31	168	-4.9	0.6	-3.2	2	J
5	355	11.6	53	J	6.0	-37	215	-3.7	-3.2	-2.7	2	J
6	346	9.2	41	J	6.4	-20	135	-3.8	3.1	-2.9	3	J
7	355	8.1	55	J	6.1	-5	124	-2.9	3.9	-1.8	3	J
8					5.7	-16	119	-2.4	3.5	-2.9	2	J
9	351	8.4	86	J	5.4	3	118	-2.2	3.8	-1.4	3	J
10	384	7.8	36	J	5.4	-1	104	-1.1	4.1	-1.9	3	J
11	363	7.4	39	J	5.8	21	96	-0.5	4.9	-0.3	3	J
12												
13	387	8.0	86	J	3.8	37	177	-2.2	0.7	1.5	3	J
14	396	8.5	65	J	6.1	48	130	-2.4	4.1	2.9	3	J
15	395	9.0	94	J	6.1	8	111	-1.8	4.7	-0.8	3	J
16												
17												
18												
19												
20												
21												
22												
23												
24												
					NOV. 23, 1987							327
	371	6.7	39	J	6.3	-6	123	-3.1	4.8	-0.7	2	J
	361	6.2	67	J	6.6	-12	148	-5.3	3.2	-1.5	1	J
	362	6.9	84	J	6.8	-27	161	-5.6	1.6	-3.2	1	J
	366	7.6	81	J	7.7	-27	153	-6.0	2.5	-3.8	2	J
	387	8.8	106	J	8.8	0	121	-4.3	7.0	-1.5	3	J
	396	10.4	119	J	9.6	-9	120	-4.4	7.0	-3.4	3	J
	412	12.5	133	J	11.9	-22	117	-4.7	7.4	-6.9	4	J
	422	13.5	106	J	13.5	-31	112	-4.2	7.3	-10.1	3	J
	429	19.2	74	J	14.6	-28	104	-3.1	8.7	-11.0	3	J
	435	32.6	55	J	14.7	-33	103	-2.6	7.4	-11.6	4	J
	449	29.2	98	J	18.1	42	114	-3.6	10.6	4.0	14	J
	467	15.6	313	J	12.6	-36	120	-3.6	3.6	-7.2	9	J
	486	16.4	422	J	9.3	-48	182	-3.3	-1.5	-3.4	8	J
	493	12.3	282	J	9.6	13	154	-7.0	3.8	0.5	5	J
	556	9.0	304	J	8.1	19	148	-5.6	4.0	1.1	4	J
	564	8.8	281	J	7.8	20	179	-5.6	0.6	2.0	5	J
	552	9.5	235	J	8.7	15	147	-6.7	4.7	1.2	2	J
					NOV. 24, 1987							328
1												
2	522	8.3	223	J	9.8	9	127	-5.2	6.9	1.0	4	J
3	503	7.7	141	J	9.0	-4	148	-7.3	4.5	-1.0	3	J
4	508	8.0	166	J	9.5	14	137	-6.2	6.1	1.3	4	J
5	511	7.0	153	J	10.5	8	120	-4.9	8.5	-0.4	4	J
6	495	10.9	148	J	9.0	13	132	-4.8	5.6	0.2	5	J
7	522	8.1	229	J	9.4	-7	141	-7.1	5.1	-2.9	2	J
8	530	8.1	240	J	9.3	-12	141	-6.8	4.5	-3.7	2	J
9	542	5.5	203	J	11.3	-14	137	-7.7	5.6	-5.2	3	J
10	530	5.4	240	J	11.3	-30	153	-8.1	1.7	-6.5	4	J
11	535	6.2	363	J	11.0	-2	126	-5.8	7.1	-3.5	5	J
12	539	5.9	333	J	11.6	-19	136	-7.3	5.1	-5.9	4	J
13	551	4.7	293	J	10.8	-11	145	-8.4	4.7	-4.0	3	J
14	550	4.1	267	J	10.8	-5	138	-7.7	6.2	-3.2	3	J
15					10.4	0	110	-3.1	8.3	-2.5	5	J
16	565	3.0	234	J	9.3	5	134	-5.4	5.6	-0.7	5	J
17	553	3.4	177	J	9.4	6	158	-8.2	3.4	0.3	3	J
18	562	2.7	175	J	9.1	2	154	-8.0	3.9	-0.2	2	J
19					8.5	-2	154	-7.5	3.6	-0.6	1	J
20												
21	588	4.5	282	J	8.7	7	97	-0.8	6.6	0.7	5	J
22	565	4.4	274	J	8.1	-8	98	-0.9	6.1	-0.8	5	J
23	557	4.8	275	J	7.5	-2	106	-1.7	5.8	-0.1	4	J
24	608	5.2	221	J	7.5	12	46	4.6	4.7	1.5	3	J
					NOV. 25, 1987							329
	555	5.3	218	J	7.2	25	124	-2.8	4.1	2.3	5	J
	532	6.0	181	J	7.5	28	75	1.6	6.2	2.4	3	J
	492	4.8	187	J	8.0	-4	125	-4.2	5.7	-1.7	3	J
	482	4.5	197	J	8.0	-23	141	-5.5	3.5	-4.1	2	J
	483	5.0	184	J	7.6	17	128	-4.2	5.7	0.3	3	J
	505	5.3	136	J	7.5	63	76	0.8	5.0	4.7	3	J
	490	5.1	189	J	6.4	44	98	-0.5	4.4	1.8	4	J
	497	4.7	192	J	6.4	35	90	0.0	5.0	1.0	4	J
	497	4.7	231	J	6.0	51	245	-1.3	-1.0	4.5	4	J
	515	4.3	203	J	6.1	42	66	1.4	4.0	1.6	4	J
	492	3.9	246	J	6.1	-13	112	-1.6	3.3	-2.3	4	J
	496	4.1	272	J	6.5	-36	134	-2.9	1.8	-3.8	4	J
	486	3.4	177	J	5.8	-57	208	-2.5	-2.5	-3.8	3	J
	470	3.1	128	J	5.6	-13	194	-4.7	-1.4	-0.8	3	J
	453	2.2	77	J	5.2	10	151	-4.0	2.3	0.4	2	J
	467	2.8	108	J	5.0	26	174	-4.2	0.7	2.0	2	J
	463	2.1	75	J	4.6	-10	151	-3.7	2.0	-0.9	2	J
					5.3	-9	135	-3.5	3.5	-0.9	2	J
					5.3	-2	133	-3.5	3.8	-0.2	1	J
					5.0	-9	135	-3.4	3.4	-0.7	1	J
	453	3.7	129	J	4.9	-7	136	-3.1	3.0	-0.5	2	J
	476	4.4	88	J	5.0	0	82	0.6	4.3	0.1	3	J
					NOV. 26, 1987							330
1	472	4.7	75	J	5.3	-23	80	0.7	4.1	-1.8	3	J
2	454	4.9	68	J	5.5	-17	90	0.0	4.8	-1.6	2	J
3	477	5.2	73	J	5.9	-17	59	2.9	4.6	-2.1	1	J
4												
5												
6	463	5.7	55	J	5.4	-6	58	2.3	3.5	-1.4	3	J
7	460	6.0	58	J	5.5	-11	67	1.8	3.7	-2.1	3	J
8	461	7.0	58	J	5.8	-27	64	1.9	2.9	-3.4	3	J
9	443	6.8	72	J	5.7	-30	89	0.1	2.5	-3.2	4	J
10	442	7.4	106	J	6.1	-44	100	-0.6	1.7	-4.1	4	J
11	440	6.3	91	J	6.2	44	97	-0.5	5.1	2.0	3	J
12	443	6.7	115	J	5.8	1	81	0.7	4.1	-1.6	4	J
13	408	5.9	76	J	5.6	-30	140	-3.1	1.6	-3.1	3	J
14	441	5.6	108	J	5.7	-44	81	0.6	2.4	-4.8	2	J
15	410	5.7	86	J	5.3	-7	140	-2.8	2.1	-1.1	4	J
16	418	5.8	83	J	5.3	8	135	-2.4	2.4	-0.1	4	J
17	438	6.1	128	J	5.4	-51	128	-1.3	1.1	-2.8	4	J
18	420	4.9	70	J	5.6	34	138	-3.0	3.0	2.3	3	J
19	441	4.8	112	J	6.1	17	134	-3.2	3.4	1.1	4	J
20	420	4.0	75	J	6.5	19	136	-3.1	3.1	1.4	5	J
21	433	5.6	211	J	7.1	33	137	-3.4	3.2	3.0	4	J
22	437	6.0	157	J	7.2	7	108	-2.0	6.0	0.9	3	J
23	428	5.1	101	J	7.8	-13	106	-2.0	7.0	-1.5	2	J
24												
					NOV. 27, 1987							331
	491	3.8	142	J	8.4	-23	118	-2.9	4.2	-4.3	5	J
	522	4.3	194	J	7.9	-6	98	-0.8	5.0	-2.6	5	J
	517	4.0	173	J	7.8	-39	118	-2.2	2.3	-5.0	5	J
	527	3.8	152	J	7.7	-44	112	-1.9	2.4	-6.3	3	J
	489	4.1	189	J	7.8	12	144	-5.1	4.0	-0.1	4	J
	495	3.2	126	J	7.8	3	141	-4.7	3.7	-1.0	5	J
	498	2.9	115	J	7.9	-10	133	-4.8	4.5	-2.8	3	J
	532	3.3	208	J	7.8	5	129	-3.9	4.8	-0.8	4	J
	489	2.7	122	J	7.7	-17	132	-3.5	3.4	-2.4	5	J
					7.6	-22	128	-3.2	3.7	-2.8	5	J
	524	2.5	124	J	8.0	26	135	-4.6	4.9	2.6	3	J
	529	2.6	164	J	7.8	19	135	-4.5	4.6	1.8	4	J
	529	2.3	162	J	7.6	22	143	-5.0	3.9	2.4	3	J
					7.6	20	130	-3.4	4.1	2.0	5	J
	526	2.0	112	J	7.7	16	137	-5.2	4.8	2.2	2	J
					7.9	12	141	-5.7	4.6	1.7	2	J
					7.0	10	147	-4.4	2.8	1.0	5	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					NOV. 28, 1987							332
1	505	2.2	91	J	7.1	13	137	-5.1	4.7	1.7	1	J
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	413	10.2	35	J	6.4	-14	149	-5.2	2.3	-2.6	1	J
12	412	9.6	30	J	7.3	-23	177	-5.7	-0.6	-2.4	4	J
13	412	10.0	35	J	7.7	-20	207	-5.9	-3.6	-1.2	3	J
14	411	10.2	47	J	6.7	-1	234	-3.5	-4.6	1.4	3	J
15	408	10.9	67	J	5.7	3	252	-1.4	-4.1	1.4	3	J
16	390	10.6	87	J	4.5	11	173	-4.2	0.7	0.7	1	J
17	407	11.6	53	J	4.6	43	165	-0.8	0.3	0.7	4	J
18	411	12.2	41	J	5.6	-30	62	1.6	2.8	-2.3	4	J
19	403	9.7	45	J	5.4	38	108	-1.0	3.2	2.3	3	J
20	393	9.3	43	J	5.8	40	111	-1.5	4.1	3.5	1	J
21	401	11.3	52	J	4.2	28	151	-2.1	1.1	1.3	3	J
22	396	12.9	50	J	3.5	-47	158	-2.1	1.0	-2.5	1	J
23	391	15.2	41	J	3.3	-29	152	-2.2	1.2	-1.3	2	J
24	393	15.7	37	J	3.0	9	141	-1.8	1.5	0.4	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					NOV. 29, 1987							333
1	399	17.2	33	J	3.7	35	205	-2.2	-1.0	1.6	3	J
2	407	22.3	18	J	3.7	27	216	-2.3	-1.7	1.5	2	J
3	388	18.2	20	J	5.4	9	211	-4.2	-2.5	0.9	2	J
4					6.5	10	213	-5.2	-3.2	1.5	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 4, 1987							338
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	456	19.5	117	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 5, 1987							339
1	450	16.4	140	J								
2	437	12.6	131	J								
3	426	11.3	103	J								
4	432	13.6	259	J								
5	436	11.5	99	J								
6	449	16.6	102	J								
7	454	17.7	200	J								
8	470	17.5	171	J								
9	484	19.4	208	J								
10	466	22.4	208	J								
11	437	21.9	231	J								
12	449	17.1	131	J								
13	465	15.0	148	J								
14	487	10.0	295	J								
15	496	10.9	316	J								
16	506	11.3	341	J								
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 6, 1987							340
1					6.0	38	30	4.0	2.0	3.8	1	J
2	563	3.4	69	J	5.7	12	6	5.1	0.5	1.1	2	J
3					5.2	-38	342	3.7	-1.2	-3.1	1	J
4	587	3.9	106	J	5.3	-3	290	1.6	-4.4	0.0	2	J
5	599	3.5	86	J	5.3	-10	277	0.6	-5.1	-0.3	1	J
6	585	3.5	78	J	5.2	6	278	0.7	-4.8	1.4	1	J
7					5.1	-1	284	1.1	-4.2	0.9	3	J
8	618	3.4	69	J	5.1	0	278	0.6	-4.0	1.2	3	J
9	566	3.8	69	J	5.0	13	286	1.1	-3.5	2.1	3	J
10	563	3.4	75	J	5.2	-4	301	2.4	-3.8	1.0	2	J
11	558	3.3	69	J	5.3	10	294	1.9	-3.7	2.2	2	J
12	545	3.3	88	J	5.3	14	300	2.4	-3.5	2.4	2	J
13	542	3.6	79	J	5.2	11	308	2.6	-2.9	1.8	3	J
14	562	4.4	100	J	4.8	-5	282	0.8	-3.9	0.7	3	J
15	550	4.2	90	J	4.5	-5	283	0.9	-3.9	0.5	2	J
16	548	4.6	99	J	4.8	36	286	0.7	-2.0	2.1	4	J
17	556	4.4	109	J	4.1	-11	332	0.8	-0.4	-0.1	4	J
18	552	4.3	133	J	3.6	-8	300	1.2	-2.2	-0.2	2	J
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 7, 1987							341
1	512	5.2	57	J	2.7	0	344	2.3	-0.7	-0.0	1	J
2	499	4.9	67	J	3.3	15	343	2.7	-0.8	0.8	1	J
3	495	5.0	76	J	3.1	11	346	2.6	-0.6	0.6	1	J
4					3.4	-17	299	1.1	-2.1	-0.3	2	J
5	497	5.1	72	J	3.1	-21	264	-0.2	-2.3	-0.3	2	J
6	478	5.3	82	J	3.9	48	331	2.1	-0.4	2.9	2	J
7	467	5.9	75	J	4.3	32	325	2.9	-1.3	2.7	1	J
8	462	6.0	59	J	4.2	12	334	3.4	-1.3	1.3	2	J
9	467	5.1	43	J	3.9	12	359	3.7	0.2	0.8	1	J
10	457	5.5	41	J	3.7	0	2	3.7	0.1	-0.0	0	J
11	453	5.4	41	J	3.7	-2	355	3.7	-0.3	-0.0	1	J
12	450	5.2	43	J	3.7	-18	357	3.4	-0.5	-1.0	1	J
13	452	5.3	44	J	3.5	-25	348	3.1	-1.0	-1.3	0	J
14	435	4.3	85	J	4.1	4	324	2.8	-2.0	0.6	2	J
15	431	4.6	90	J	4.2	-8	323	3.2	-2.4	-0.3	1	J
16	415	4.5	37	J	4.5	-13	332	3.8	-2.1	-0.9	1	J
17												
18	413	5.0	32	J	4.9	24	281	0.8	-4.4	1.6	1	J
19	403	4.7	48	J	4.6	10	309	2.7	-3.3	0.4	2	J
20	398	4.4	67	J	4.9	4	321	3.6	-3.0	0.0	1	J
21	386	4.6	69	J	4.9	16	329	4.0	-2.5	1.1	1	J
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 8, 1987							342
1	387	4.6	72	J	4.9	29	340	3.9	-1.6	2.2	1	J
2	400	4.9	55	J	4.8	35	322	3.0	-2.5	2.5	1	J
3												
4												
5	380	5.4	56	J	4.2	18	319	2.9	-2.4	1.5	1	J
6	374	5.9	29	J	4.4	14	328	3.5	-2.0	1.4	1	J
7	374	4.6	33	J	4.4	20	338	3.7	-1.1	1.7	1	J
8	372	5.2	32	J	4.3	18	341	3.7	-0.9	1.6	1	J
9	371	5.4	33	J	4.3	11	334	3.6	-1.5	1.3	1	J
10	372	5.3	33	J	4.6	14	336	3.9	-1.3	1.6	1	J
11	368	5.4	32	J	4.7	16	337	3.9	-1.2	1.7	1	J
12	372	5.5	27	J	4.6	17	332	3.8	-1.5	1.9	1	J
13	369	5.9	33	J	4.4	5	332	3.7	-1.8	0.9	1	J
14	367	5.9	46	J	4.2	5	338	3.7	-1.4	0.7	1	J
15					3.9	15	9	3.7	0.8	0.9	1	J
16												
17												
18												
19												
20												
21	339	8.2	32	J	4.7	-12	356	4.6	-0.2	-1.0	0	J
22	340	7.2	34	J	4.6	-10	355	4.5	-0.3	-0.8	0	J
23	336	9.5	18	J	5.0	-11	351	4.8	-0.6	-1.0	1	J
24	335	7.2	24	J	4.1	5	348	3.7	-0.8	0.2	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					DEC. 9, 1987							343
1	336	8.9	24	J	4.1	-10	327	3.2	-2.0	-0.9	1	J
2	336	10.4	20	J	3.9	2	304	2.1	-3.2	-0.1	1	J
3	336	11.9	22	J	3.3	-10	301	1.5	-2.5	-0.6	1	J
4	332	12.2	24	J	3.7	5	308	2.0	-2.6	0.4	2	J
5												
6	324	13.2	18	J	3.9	-4	299	1.9	-3.4	0.5	0	J
7	323	13.4	19	J	4.2	2	300	2.1	-3.5	1.1	1	J
8	320	13.9	18	J	4.4	6	305	2.5	-3.3	1.5	0	J
9	318	15.1	19	J	3.5	2	242	-1.0	-1.8	0.7	3	J
10	323	14.6	17	J	3.4	7	179	-3.4	0.2	0.4	1	J
11	318	15.1	18	J	3.8	1	164	-3.6	1.0	-0.2	1	J
12	318	14.3	20	J	3.8	3	174	-3.5	0.4	0.1	2	J
13	318	13.8	26	J	5.4	8	173	-5.3	0.8	0.6	1	J
14	315	15.2	25	J	4.9	12	190	-4.7	-0.6	1.2	1	J
15	311	18.1	19	J	3.4	23	216	-2.3	-1.5	1.4	2	J
16	306	22.1	13	J	2.0	14	272	0.1	-1.7	0.6	1	J
17	304	24.8	11	J	2.2	9	280	0.4	-2.0	0.4	0	J
18	305	26.1	15	J	2.3	27	277	0.2	-1.7	0.8	1	J
19	321	30.2	24	J	5.0	8	280	0.6	-3.2	0.3	5	J
20	358	46.1	47	J	11.2	5	293	4.2	-9.9	0.1	3	J
21	360	58.1	47	J	11.6	26	292	3.5	-9.1	3.6	5	J
22	370	55.2	49	J	16.4	18	302	6.9	-11.5	2.8	10	J
23	385	47.7	43	J	21.9	55	286	2.8	-11.4	13.1	14	J
24												

DEC. 10, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	425	28.0	195	J	17.1	39	300	6.5	-12.3	9.3	4	J
2	466	20.5	273	J	20.4	24	301	9.3	-16.0	6.8	5	J
3	501	19.9	368	J	12.8	15	314	6.7	-7.0	2.4	9	J
4	530	19.8	596	J	10.8	47	290	1.9	-5.0	6.1	7	J
5	545	16.5	561	J	7.9	1	329	6.2	-3.7	0.4	3	J
6												
7												
8												
9												
10	582	8.5	402	J	10.5	-12	334	9.2	-4.9	-0.7	0	J
11	572	7.4	215	J	11.0	-14	331	9.3	-5.7	-1.0	1	J
12	635	8.5	404	J	10.3	10	321	7.3	-5.2	3.3	4	J
13	618	11.0	366	J	7.3	24	315	4.3	-3.5	3.8	3	J
14	635	8.8	191	J	10.7	-8	340	8.9	-3.5	-0.5	5	J
15	636	9.5	223	J	10.5	-25	343	8.5	-3.3	-3.6	3	J
16	634	10.8	284	J	10.4	-13	322	7.3	-5.9	-1.3	4	J
17	612	12.0	229	J	12.0	-12	325	8.7	-6.2	-1.7	5	J
18	628	12.6	306	J	12.2	11	302	5.7	-9.1	2.4	5	J
19	606	11.1	352	J	11.7	-23	317	7.2	-6.7	-4.3	5	J
20	629	11.6	438	J	10.0	-16	309	4.0	-4.8	-2.1	8	J
21	650	9.9	347	J	9.0	11	310	5.0	-6.1	0.9	4	J
22	672	7.0	268	J	8.3	-15	312	4.7	-4.9	-2.5	4	J
23	687	5.4	162	J	7.6	15	304	3.7	-5.6	1.0	3	J
24	692	5.2	139	J	6.7	5	329	5.4	-3.3	0.1	2	J

DEC. 11, 1987

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
											345
6.5	-23	339		4.6	-1.5	-2.3	3	J			
6.6	-6	7		5.8	0.8	-0.6	3	J			
5.6	1	26		3.7	1.8	0.1	4	J			
5.5	7	271		0.1	-4.7	1.7	2	J			
5.9	0	301		2.5	-4.0	0.7	3	J			
5.7	-8	307		3.3	-4.4	-0.2	2	J			
5.6	8	271		0.1	-4.1	0.9	4	J			
5.1	-2	281		0.8	-3.9	-0.0	3	J			
5.9	0	280		0.9	-5.0	-0.1	3	J			
6.3	7	322		4.4	-3.5	0.5	3	J			
5.2	-2	308		2.4	-3.0	-0.4	3	J			
5.0	11	299		2.2	-4.0	0.4	2	J			
5.2	16	284		1.1	-4.7	0.7	2	J			

DEC. 17, 1987

												351
544	5.5	119	J									
557	5.3	125	J	5.5	29	140	-2.9	2.8	1.6	3	J	
525	5.1	92	J	5.4	18	151	-3.6	2.2	0.8	3	J	
534	5.1	101	J	6.1	25	142	-3.5	3.2	1.3	3	J	
532	5.6	122	J	5.7	-27	130	-2.7	2.6	-2.9	3	J	
551	5.1	97	J	5.6	-39	96	-0.4	2.8	-3.7	3	J	
533	4.6	104	J	5.6	0	94	-0.3	4.4	-1.0	3	J	
528	5.0	89	J	6.2	-7	105	-1.4	4.9	-1.6	3	J	
538	5.6	99	J	5.8	-15	102	-1.0	4.5	-1.9	3	J	
532	5.3	94	J	5.5	-7	120	-2.3	4.1	-0.3	3	J	
				5.3	-2	119	-2.4	4.4	0.3	2	J	

DEC. 18, 1987

												352
				7.1	-20	148	-2.9	1.6	-1.5	8	J	
511	3.7	52	J	4.7	-7	163	-4.3	1.2	-0.8	1	J	
491	4.2	94	J	4.1	-4	162	-3.5	1.1	-0.5	2	J	
493	5.8	100	J	4.5	3	103	-0.8	3.5	-0.7	3	J	
480	5.2	91	J	4.0	5	126	-1.9	2.7	-0.4	2	J	
466	5.8	69	J	4.8	15	150	-3.9	2.5	0.7	1	J	
466	5.4	47	J	4.8	9	147	-3.7	2.5	0.2	2	J	
450	5.2	70	J	4.8	31	173	-3.9	0.9	2.2	1	J	
452	5.3	77	J	4.8	17	132	-2.8	3.3	0.9	2	J	
450	5.3	83	J	4.7	-20	158	-3.3	1.2	-1.4	3	J	
454	5.3	94	J	4.4	-43	167	-2.6	0.5	-2.5	2	J	

DEC. 19, 1987

												353
420	7.0	42	J	4.6	31	76	0.9	3.2	2.7	2	J	
420	7.4	43	J	4.5	1	73	1.3	4.2	0.5	1	J	
414	7.7	38	J	4.2	-10	89	0.1	3.3	-0.4	3	J	
410	8.0	43	J	4.1	-1	86	0.2	3.5	-0.1	2	J	
399	8.8	62	J	4.4	-3	114	-1.5	3.4	-0.5	2	J	
415	8.1	36	J	5.5	14	66	2.1	4.9	0.7	1	J	
411	8.3	37	J	6.1	6	85	0.5	5.6	-0.4	3	J	
419	8.1	39	J	6.3	43	52	2.6	4.0	3.1	3	J	
420	7.8	36	J	6.6	5	57	3.4	5.2	-0.7	2	J	
421	7.0	46	J	7.0	-5	75	1.7	5.9	-2.0	2	J	
415	7.2	30	J	6.9	-8	89	0.1	6.0	-2.3	3	J	
417	7.0	35	J	6.4	5	75	1.5	5.7	-0.4	2	J	
401	7.3	42	J	6.6	1	90	0.0	6.0	-0.6	3	J	
385	7.8	47	J	6.4	-6	120	-3.1	5.4	-1.1	1	J	
417	7.2	37	J	6.4	13	64	2.2	4.6	1.1	4	J	
415	7.8	34	J	6.4	16	66	2.5	5.6	1.9	1	J	

DEC. 20, 1987

												354
404	6.5	57	J	4.5	4	117	-2.0	4.0	0.5	1	J	
397	6.4	45	J	4.6	8	108	-1.4	4.3	0.6	1	J	
389	6.0	37	J	5.0	12	97	-0.6	4.6	0.7	1	J	
395	7.4	42	J	4.3	0	86	0.3	4.1	-0.5	1	J	
386	7.9	41	J	4.2	-2	76	1.0	3.9	-0.8	1	J	
385	7.5	31	J	4.5	6	69	1.5	4.0	-0.4	1	J	
365	7.6	37	J	4.3	5	108	-1.1	3.4	-0.5	2	J	
362	8.1	43	J	4.3	3	112	-1.5	3.6	-0.6	2	J	
373	8.9	48	J	4.7	23	71	1.1	3.5	0.7	3	J	
356	8.3	40	J	5.2	21	119	-1.7	3.3	0.7	4	J	
367	6.1	35	J	6.3	-23	142	-4.4	3.0	-2.9	2	J	
376	8.4	28	J	6.0	5	111	-2.0	5.2	-0.1	2	J	
373	6.7	29	J	6.1	-8	131	-3.6	4.1	-1.1	2	J	
376	3.8	30	J	6.6	-20	167	-5.8	1.3	-2.2	2	J	
383	4.4	54	J	5.2	-23	192	-4.6	-0.9	-2.0	1	J	
398	4.6	51	J	4.7	13	151	-2.9	1.5	0.9	3	J	
416	4.8	70	J	4.5	62	129	-1.1	0.9	3.5	2	J	
413	5.6	59	J	5.5	47	118	-1.6	2.3	4.0	2	J	

DEC. 21, 1987

												355
373	6.2	41	J	6.8	14	143	-4.8	3.8	1.1	3	J	
381	7.4	46	J	6.8	8	125	-3.5	5.0	0.0	3	J	
373	7.6	31	J	7.3	-1	131	-4.5	5.0	-1.1	3	J	
373	8.7	29	J	7.6	7	129	-4.7	5.8	-0.4	1	J	
376	9.1	26	J	8.0	-15	118	-3.6	6.1	-3.5	1	J	
370	8.3	31	J	8.3	-23	124	-4.2	5.4	-4.4	1	J	
365	8.2	34	J	8.5	-32	136	-5.1	4.0	-5.3	2	J	
365	7.9	33	J	8.7	-33	133	-4.9	4.5	-5.4	2	J	
369	8.0	26	J	8.8	-45	131	-4.0	3.9	-6.5	1	J	
363	7.5	35	J	8.9	-46	147	-5.1	2.9	-6.5	2	J	
359	6.7	32	J	9.3	-50	154	-5.3	2.5	-7.1	1	J	
356	6.5	32	J	9.4	-55	156	-4.9	2.5	-7.5	1	J	
357	8.1	27	J	9.1	-57	170	-4.8	1.5	-7.4	2	J	
352	9.0	26	J	8.9	-57	169	-4.7	1.9	-7.1	2	J	
348	12.0	38	J	7.3	-30	137	-4.4	4.6	-2.7	3	J	
358	10.6	35	J	7.8	-61	172	-3.6	1.8	-6.4	2	J	
368	11.2	25	J	8.1	-63	204	-3.3	0.1	-7.3	1	J	
369	12.2	29	J	7.6	-73	228	-1.4	-0.0	-7.0	3	J	

DEC. 22, 1987

												356
391	10.7	49	J	7.0	-87	243	-0.1	0.8	-5.0	5	J	
419	6.3	112	J	8.8	-13	127	-5.0	6.9	-0.8	2	J	
423	6.4	89	J	8.6	-29	140	-5.3	4.9	-3.2	3	J	
424	7.8	119	J	8.7	-28	143	-5.5	4.4	-3.4	4	J	
418	8.1	93	J	9.2	-4	125	-5.2	7.4	-0.6	1	J	
429	8.9	114	J	7.0	3	207	-4.7	-2.3	0.8	4	J	
418	8.2	80	J	7.2	0	152	-5.3	2.8	-0.6	4	J	
433	8.8	128	J	6.9	-11	135	-4.0	3.7	-1.9	4	J	
426	8.4	100	J	7.1	-20	140	-4.8	3.5	-2.9	3	J	
435	8.3	95	J	7.4	-15	127	-4.0	4.9	-2.5	3	J	
423	8.1	78	J	7.5	-9	139	-5.3	4.5	-1.6	2	J	
414	7.5	42	J	7.5	-7	151	-6.3	3.5	-1.1	2	J	
437	8.6	79	J	7.6	-16	124	-2.0	3.0	-1.0	7	J	
449	8.7	78	J	7.2	-42	97	-0.6	5.2	-4.2	3	J	
428	8.5	85	J	7.9	-15	123	-3.5	5.5	-1.2	4	J	
426	7.8	103	J	7.1	-17	129	-3.7	4.8	-1.1	3	J	
436	8.0	100	J	7.1	-51	131	-2.4	3.5	-3.9	4	J	
404	7.7	54	J	7.8	14	170	-7.3	0.9	2.1	2	J	
427	7.5	63	J	7.2	14	123	-3.1	4.4	2.5	4	J	
443	7.9	79	J	6.7	-32	87	0.1	2.5	-0.9	6	J	

DEC. 23, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												357
1	427	8.4	93	J	6.7	-31	153	-2.9	1.9	-1.6	6	J
2	420	8.0	69	J	6.4	-30	162	-3.6	1.6	-2.0	5	J
3	425	8.1	76	J	6.7	-47	148	-2.9	2.3	-3.4	4	J
4	409	7.5	56	J	7.0	-17	146	-5.2	3.6	-1.6	2	J
5	406	7.5	47	J	7.1	-5	145	-5.7	4.0	-0.5	1	J
6												
7												
8												
9												
10												
11												
12												
13	397	8.3	79	J	7.4	23	186	-6.4	-0.2	2.8	2	J
14	401	8.1	52	J	8.1	19	186	-7.4	-0.4	2.7	2	J
15	395	8.4	89	J	7.8	-9	218	-5.5	-4.4	-0.7	3	J
16	401	7.8	56	J	7.9	20	191	-7.1	-1.3	2.7	1	J
17	403	7.5	62	J	7.9	-19	255	-1.8	-6.8	-2.5	3	J
18	398	7.0	81	J	7.3	5	227	-4.6	-4.9	0.3	3	J
19	389	6.3	63	J	7.1	10	204	-5.7	-2.6	0.8	3	J
20	395	6.8	92	J	6.7	15	214	-4.8	-3.4	1.0	3	J
21	390	7.4	78	J	6.5	26	208	-4.5	-2.8	2.0	3	J
22	384	7.7	67	J	6.5	22	200	-5.1	-2.3	1.8	2	J
23	384	6.7	49	J	6.9	26	189	-5.4	-1.4	2.4	3	J
24	391	7.0	63	J	7.6	29	190	-6.2	-1.9	3.1	2	J

DEC. 29, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												363
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	305	26.1	49	J	5.8	35	133	-2.7	3.3	2.4	3	J
14	306	26.6	49	J	7.4	30	115	-2.3	5.3	2.7	3	J
15												
16												
17	305	23.3	32	J	7.9	20	126	-4.1	5.4	3.1	1	J
18	306	26.9	34	J	8.0	30	128	-4.2	4.7	4.7	1	J
19	305	30.2	29	J	6.9	31	128	-3.4	3.6	4.1	2	J
20												
21												
22	300	35.1	21	J	5.8	-16	171	-5.4	1.3	-1.3	1	J
23	298	32.6	23	J	6.4	8	129	-2.6	2.9	1.4	5	J
24												

DEC. 30, 1987

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												364
1	297	30.2	24	J	6.4	27	100	-0.9	4.4	4.0	2	J
2	297	27.6	25	J	6.8	20	115	-2.5	4.7	3.3	2	J
3	296	25.2	23	J	7.0	41	118	-2.3	3.5	5.1	2	J
4	296	26.0	18	J	7.3	42	110	-1.7	4.0	5.1	3	J
5	292	26.8	19	J	7.1	28	111	-2.2	5.3	3.6	2	J
6	296	25.8	15	J	6.4	18	103	-1.3	5.7	2.0	2	J
7	290	23.3	19	J	6.5	7	96	-0.6	6.1	0.5	2	J
8	287	21.8	18	J	6.6	0	101	-1.2	6.2	-0.6	2	J
9	282	19.9	16	J	6.0	-5	79	1.1	5.7	-1.2	1	J
10	281	21.8	19	J	5.5	-4	73	1.6	5.0	-1.1	1	J
11	285	20.2	19	J	5.6	-6	55	3.2	4.4	-1.3	1	J
12	282	20.8	20	J	6.1	-1	67	2.4	5.5	-0.9	0	J
13	281	19.6	19	J	6.4	5	71	2.1	6.1	-0.2	1	J
14	279	17.1	21	J	7.3	22	48	4.4	5.1	2.2	2	J
15	278	17.4	15	J	6.2	29	62	2.1	4.1	2.3	4	J
16	276	17.0	15	J	5.7	23	63	2.3	4.6	2.2	1	J
17												
18												
19												
20												
21												
22												
23												
24												

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												365
1	285	20.8	16	J	4.3	21	105	-1.0	3.3	2.5	1	J
2	290	21.1	17	J	4.4	19	108	-1.2	3.3	2.2	1	J
3	293	26.2	18	J	5.2	13	112	-1.8	4.1	2.0	2	J
4	291	27.5	23	J	4.7	-45	339	1.9	-0.4	-2.1	4	J
5	286	26.2	27	J	5.1	-29	55	2.4	3.6	-2.0	2	J
6	283	25.2	26	J	5.4	-47	37	2.9	2.3	-3.8	1	J
7	281	23.8	24	J	5.5	-42	26	3.6	1.6	-3.7	1	J
8	278	24.4	24	J	5.0	-19	13	4.2	0.8	-1.6	2	J
9	277	20.7	18	J	5.3	4	339	4.7	-1.8	0.6	1	J
10	278	20.9	20	J	5.0	-14	331	4.0	-2.3	-0.8	2	J
11	284	22.2	23	J	4.5	-59	62	0.8	1.1	-3.0	3	J
12	282	20.9	29	J	5.2	-65	54	1.2	1.1	-4.6	2	J
13	286	19.6	34	J	5.1	-37	322	2.1	-1.9	-1.8	4	J
14	289	18.1	35	J	5.4	-38	327	3.4	-2.5	-3.0	2	J
15	289	18.0	33	J	5.8	-53	332	3.0	-1.8	-4.5	1	J
16												
17	289	18.3	32	J	6.2	-39	321	3.5	-2.6	-3.8	2	J
18	291	19.3	42	J	5.9	-26	322	3.5	-2.5	-2.5	3	J
19	294	21.1	40	J	5.7	34	302	2.1	-3.7	2.0	3	J
20	289	17.6	32	J	6.8	-43	341	4.4	-0.6	-4.5	3	J
21	291	17.2	32	J	7.1	-49	346	4.1	0.2	-4.9	3	J
22	289	18.2	40	J	6.2	17	306	2.9	-4.2	0.4	3	J
23	288	17.9	38	J	6.1	26	297	2.3	-5.0	1.1	2	J
24	287	18.1	42	J	5.7	22	317	3.2	-3.4	0.8	3	J

JAN. 1, 1988

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												1
1												
2												
3												
4	281	17.0	49	J	6.0	-2	338	4.9	-1.9	-0.5	3	J
5	282	15.3	50	J	5.9	7	339	5.3	-2.1	0.5	1	J
6	282	18.8	38	J	6.0	3	318	4.2	-3.8	0.2	2	J
7	284	21.2	36	J	5.8	4	309	3.5	-4.3	0.5	1	J
8	296	23.9	31	J	5.9	41	288	0.7	-1.9	2.1	5	J
9	299	23.4	35	J	6.6	42	293	1.3	-2.7	3.3	5	J
10	298	21.9	30	J	8.3	-24	304	4.0	-6.3	-2.4	3	J
11	300	28.6	25	J	8.2	-23	305	4.0	-6.1	-2.2	3	J
12	303	31.3	21	J	7.9	-45	294	2.2	-5.5	-4.7	2	J
13	301	24.0	23	J	9.9	7	301	4.9	-7.9	2.0	3	J
14	302	26.9	26	J	8.2	39	291	1.8	-4.5	4.5	5	J
15	304	29.8	36	J	7.7	11	321	5.5	-4.4	1.5	3	J
16	309	38.1	17	J	6.4	-26	321	4.3	-3.4	-2.8	2	J
17	313	32.8	18	J	8.5	45	311	3.8	-4.8	5.5	3	J
18					9.5	61	306	2.7	-4.7	7.7	1	J
19	329	32.3	18	J	10.8	35	150	-7.7	3.3	6.9	1	J
20	330	38.7	17	J	11.7	22	144	-8.7	5.2	5.6	2	J
21												
22												
23												
24												

JAN. 2, 1988

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												2
1												
2												
3												
4												
5												
6												
7												
8	346	20.7	24	J	16.5	-9	134	-10.8	11.3	-2.0	5	J
9	343	22.0	30	J	16.6	-7	134	-11.3	11.7	-2.2	2	J
10	350	26.0	24	J	15.4	3	129	-9.5	11.7	0.0	3	J
11	369	28.8	45	J	14.4	5	128	-7.8	10.0	0.1	7	J
12	386	18.8	67	J	17.4	-60	153	-7.7	2.1	-15.3	3	J
13	398	10.8	75	J	19.0	-60	146	-7.7	3.1	-16.5	5	J
14	418	12.4	175	J	15.6	-31	133	-8.9	8.5	-8.9	3	J
15	413	12.9	105	J	14.6	-2	155	-11.9	5.5	-1.0	6	J
16	415	10.8	77	J	15.5	-11	147	-11.9	7.5	-3.2	6	J
17	425	7.2	74	J	16.6	-38	129	-8.1	9.8	-10.3	2	J
18	439	10.3	75	J	15.6	-45	120	-5.4	9.7	-10.6	2	J
19	433	9.2	59	J	14.9	-42	124	-6.1	9.8	-9.1	2	J
20	428	6.7	43	J	14.9	-46	120	-5.1	10.2	-9.4	1	J
21	446	7.7	42	J	14.4	-54	119	-4.1	9.3	-10.0	1	J
22	477	18.0	78	J	11.7	-56	122	-3.4	7.5	-8.1	2	J
23												
24	467	20.7	52	J	8.2	14	169	-7.8	0.9	2.3	2	J
	470	20.4	54	J	6.4	4	173	-6.2	0.6	0.7	1	J

JAN. 3, 1988

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												3
1												
2												
3												
4												
5												
6												
7												
8												
9	437	10.9	57	J	7.5	32	229	-4.0	-4.2	4.2	2	J
10	389	12.7	48	J	7.2	-4	323	3.8	-2.9	-0.0	5	J
11	379	11.3	59	J	7.5	-4	17	6.5	1.9	-0.7	3	J
12	374	10.4	55	J	7.1	-5	346	6.1	-1.6	-0.4	3	J
13	393	11.0	84	J	7.5	13	313	4.7	-4.8	2.0	3	J
14	390	10.1	54	J	7.4	35	319	4.5	-3.6	4.3	2	J
15	384	10.5	43	J	7.0	31	322	4.4	-3.4	3.4	3	J
16	373	9.7	41	J	5.9	-3	6	5.3	0.6	-0.3	2	J
17	371	9.9	32	J	5.5	-8	355	5.1	-0.4	-0.8	2	J
18	373	11.4	55	J	5.8	2	19	5.0	1.7	0.1	2	J
19					6.5	5	336	5.8	-2.7	0.1	1	J
20	373	12.2	24	J	6.4	3	322	5.0	-3.8	-0.6	1	J
21	399	9.8	38	J	5.9	19	314	3.6	-4.1	0.7	2	J
22	386	9.8	59	J	5.9	2	321	4.6	-3.6	0.9	1	J
23	376	10.1	50	J	6.1	1	321	4.7	-3.6	-1.3	1	J
24					6.3	15	314	4.2	-3.6	-2.9	1	J

JAN. 4, 1988

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
												4
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	380	12.0	42	J	5.8	-18	313	3.7	-3.3	-2.9	1	J
21	374	12.0	36	J	5.6	-16	318	4.0	-3.0	-2.5	0	J
22												
23												
24												

	374	11.5	30	J	6.6	-16	349	6.2	-1.4	-1.7	1	J
	367	13.1	22	J	6.3	24	2	5.4	-0.0	-2.4	2	J
	366	13.7	31	J	4.8	-17	328	3.8	-2.4	1.3	1	J
	367	13.1	34	J	4.2	-19	333	3.4	-1.7	-1.3	1	J
	366	13.6	43	J	4.1	-12	329	3.2	-1.9	-0.9	1	J
	369	15.0	33	J	4.3	-5	306	2.4	-3.3	-0.7	1	J
	369	14.7	35	J	4.3	18	327	2.9	-2.0	0.8	2	J
	370	14.4	30	J	3.5	4	315	2.1	-2.1	-0.2	2	J
	370	15.3	30	J	3.9	17	326	2.9	-2.1	0.6	1	J
	430	38.3	117	J								
	436	23.8	183	J								
	448	28.1	169	J								
	478	12.0	258	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 5, 1988							5
1	483	15.5	258	J								
2	490	14.9	211	J								
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 6, 1988							6
1												
2					5.0	18	22	3.9	1.1	1.8	2	J
3					4.4	34	9	3.5	-0.0	2.5	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 11, 1988							11
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					14.9	47	346	9.8	-4.5	10.1	2	J
19	377	20.7	24	J	15.8	43	354	11.3	-3.7	10.0	2	J
20	370	20.9	24	J	16.8	39	352	12.8	-4.7	9.5	2	J
21												
22												
23												
24	378	34.4	43	J	13.6	32	59	5.7	6.3	9.9	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 12, 1988							12
1	383	38.0	63	J	12.6	42	44	6.3	2.9	9.5	5	J
2	376	30.0	52	J	15.0	26	51	7.6	7.0	8.7	7	J
3	383	22.4	82	J								
4	383	26.9	44	J	16.5	37	53	7.6	7.6	11.7	5	J
5	363	12.7	121	J								
6	338	6.0	100	J								
7					15.0	22	101	-2.5	12.8	6.2	4	J
8	451	9.9	228	J	17.3	9	111	-5.8	15.0	2.7	6	J
9					17.3	-28	144	-11.8	8.4	-8.0	5	J
10				J	17.9	-7	124	-9.1	13.4	-2.6	7	J
11	0	0.0	0	J	17.3	7	116	-6.6	13.6	1.1	8	J
12					14.7	-15	144	-9.4	6.7	-3.4	9	J
13												
14	555	6.3	256	J	13.8	27	134	-8.1	8.4	6.0	4	J
15	555	5.3	207	J	12.4	17	133	-7.4	7.7	3.7	5	J
16	537	4.6	123	J	12.6	-4	137	-8.8	8.2	-0.0	3	J
17	504	7.2	105	J	10.6	-12	138	-7.3	6.8	-1.1	3	J
18	510	7.4	111	J	9.8	10	124	-5.0	7.0	3.0	3	J
19	500	5.2	137	J	9.7	-26	202	-7.8	-2.0	-4.7	3	J
20	496	4.7	148	J	9.4	-31	176	-7.7	1.9	-4.3	3	J
21	501	4.9	139	J	8.2	14	130	-4.7	4.7	3.6	3	J
22	519	5.5	143	J	8.0	35	106	-1.6	3.8	5.9	4	J
23	512	4.9	100	J	7.8	30	121	-3.3	3.7	5.4	2	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 13, 1988							13
1												
2	503	3.6	62	J	7.4	11	135	-5.0	4.3	3.0	2	J
3	499	3.4	69	J	7.3	-1	135	-4.8	4.6	1.3	2	J
4	493	3.7	77	J	7.5	1	141	-5.5	4.3	1.2	2	J
5	498	4.1	84	J	7.0	29	166	-5.3	0.7	3.2	3	J
6	486	4.2	99	J	6.8	0	158	-5.9	2.4	0.3	2	J
7	475	4.7	99	J	7.1	1	154	-6.1	3.0	0.3	2	J
8	478	5.0	126	J	6.8	-6	149	-5.6	3.4	-0.6	1	J
9					6.7	-18	182	-6.0	-0.2	-1.9	2	J
10					7.7	-27	163	-6.3	1.8	-3.4	2	J
11					7.3	-11	174	-6.7	0.6	-1.3	2	J
12					7.4	-3	176	-7.2	0.5	-0.4	2	J
13					7.3	10	158	-5.4	2.2	1.0	4	J
14	452	3.7	56	J	8.5	-18	154	-6.9	3.4	-2.5	3	J
15	462	3.5	60	J	8.0	9	137	-5.2	4.8	1.4	4	J
16	452	4.0	74	J	7.9	-15	174	-7.3	1.0	-1.9	2	J
17	461	4.1	71	J	8.7	-6	149	-6.5	4.0	-0.2	4	J
18	458	3.8	61	J	8.6	-1	145	-6.3	4.3	0.8	4	J
19	452	3.6	49	J	8.5	-2	163	-7.8	2.4	0.3	2	J
20	477	3.2	55	J	8.0	-10	159	-7.1	3.0	-0.5	2	J
21	507	2.7	54	J	9.9	4	149	-7.5	4.1	2.1	2	J
22					10.2	8	149	8.0	4.0	3.0	2	J
23	523	3.2	77	J	10.2	12	142	-7.2	4.5	3.9	2	J
24	622	7.1	602	J	13.4	3	119	-4.4	7.2	3.4	9	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 14, 1988							14
1	671	10.1	1086	J	15.0	-4	132	-6.3	6.8	2.0	11	J
2	666	9.0	941	J	15.6	-6	102	-3.0	14.0	3.4	3	J
3												
4												
5	726	8.3	464	J	21.7	26	77	4.3	16.5	12.7	3	J
6	726	16.3	89	J	20.8	49	63	6.0	9.7	16.7	4	J
7	723	6.8	88	J	21.5	56	46	8.2	7.2	18.2	2	J
8	732	4.4	125	J	22.2	66	28	7.9	3.6	20.1	2	J
9	697	5.2	76	J	23.4	74	339	5.9	-2.1	22.1	4	J
10	682	5.8	55	J	25.1	66	303	5.5	-7.8	23.0	2	J
11	671	6.2	64	J	26.6	54	288	4.8	-13.9	21.9	2	J
12	666	5.1	63	J	28.2	42	281	4.0	-19.8	19.4	2	J
13	663	3.9	96	J	29.3	28	278	3.6	-25.3	13.9	3	J
14	653	3.9	78	J	29.8	20	277	3.4	-27.9	9.6	2	J
15	630	5.4	72	J	30.3	22	268	-1.0	-28.5	9.5	3	J
16	632	5.5	97	J	31.1	10	270	-0.0	-30.7	2.0	2	J
17	613	7.9	46	J	30.9	-8	271	0.5	-28.6	-8.9	6	J
18	611	6.3	46	J	27.9	-24	268	-0.9	-21.7	-16.0	5	J
19	606	8.4	43	J	25.9	-22	264	-2.4	-19.8	-15.1	4	J
20	611	7.2	43	J	24.8	-28	265	-1.8	-16.7	-17.2	3	J
21	605	6.1	38	J	23.4	-35	270	-0.0	-13.0	-18.5	2	J
22	591	5.7	50	J	21.8	-41	267	-0.8	-9.6	-18.5	2	J
23	584	6.6	67	J	20.6	-47	269	-0.2	-6.9	-18.3	1	J
24	566	7.1	56	J	19.2	-55	272	0.4	-3.9	-17.6	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 15, 1988							15
1	549	4.9	38	J	17.9	-56	271	0.2	-3.5	-16.2	1	J
2	538	3.9	36	J	16.8	-59	268	-0.3	-2.9	-15.2	1	J
3	527	3.1	65	J	16.1	-61	268	-0.2	-2.8	-14.3	1	J
4	513	4.7	56	J	15.4	-63	277	0.8	-2.9	-13.6	1	J
5												
6												
7												
8	526	5.5	53	J	11.8	-53	4	5.9	0.7	-7.9	1	J
9	530	4.8	50	J	11.2	-48	7	6.2	0.7	-6.9	1	J
10	521	8.3	77	J	9.5	-48	1	4.8	0.0	-5.3	3	J
11	499	9.1	171	J	6.5	32	26	1.9	0.9	-1.4	3	J
12	499	7.1	249	J	6.3	-11	17	2.8	0.8	-0.6	2	J
13	494	5.8	269	J	6.3	26	19	3.2	1.1	1.7	2	J
14	507	4.8	162	J	6.1	-18	72	0.5	1.6	-0.5	2	J
15					8.7	-78	208	-0.9	-0.1	-4.8	4	J
16					8.5	-46	208	-3.3	1.3	4.0	4	J
17					8.4	-44	223	-2.8	1.9	-4.1	4	J
18					8.0	21	234	-3.1	3.8	2.9	3	J
19					8.4	26	241	-2.5	3.7	3.7	3	J
20					7.6	-10	225	-3.9	-3.4	-2.1	3	J
21					8.1	-30	175	-4.0	1.1	-2.0	5	J
22					7.8	22	176	3.8	0.8	-1.3	4	J
23					7.5	36	135	-2.6	3.4	-1.4	3	J
24					6.9	-14	175	-3.5	0.6	0.7	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 16, 1988							16
					6.8	3	177	-4.3	0.1	0.3	2	J
					7.1	24	197	-4.7	-2.1	1.5	1	J
					7.0	25	211	-4.3	-3.2	1.4	1	J
					7.3	26	194	-4.9	-1.8	2.0	2	J
					7.4	-1	167	-5.2	1.2	0.2	3	J
					6.9	-12	178	-4.7	0.3	-1.0	1	J
					7.5	-14	165	-5.5	1.6	-1.3	1	J
					7.0	6	109	-1.7	5.0	0.5	1	J
					7.1	-6	109	-1.7	4.8	-0.6	2	J
					7.3	-16	106	-1.4	5.0	-1.6	1	J
					7.2	-10	110	-1.9	5.1	-0.9	1	J
					7.3	2	119	-2.3	4.2	-0.0	3	J
					7.1	30	110	-1.5	3.9	2.9	2	J
					7.0	39	123	-2.0	2.7	3.3	3	J
					7.0	7	120	-2.5	4.1	1.3	2	J
					7.2	25	114	-1.9	3.7	3.1	2	J
					7.0	5	121	-2.8	4.3	1.7	1	J
					7.3	-5	123	-3.0	4.6	1.0	2	J
					7.5	-19	131	-3.5	4.5	-0.3	1	J
					7.6	-25	135	-3.5	4.1	-0.8	1	J
					7.7	-16	141	-3.9	3.5	-0.1	3	J
					7.2	14	129	-3.4	3.3	2.9	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 17, 1988							17
1					7.1	6	132	-3.7	3.5	2.1	1	J
2					7.1	2	139	-3.8	3.1	1.4	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	393	4.5	30	J	8.7	-47	168	-4.2	1.3	-4.5	2	J
16	411	4.8	27	J	8.4	-50	169	-3.6	1.3	-4.2	3	J
17	425	4.2	49	J	8.3	-47	160	-3.8	2.2	-4.1	1	J
18	434	4.1	90	J	7.9	-41	153	-3.6	2.6	-3.0	2	J
19	432	4.1	69	J	7.6	-26	143	-3.9	3.5	-1.5	2	J
20	434	4.1	59	J	7.5	-10	128	-3.2	4.2	0.5	3	J
21	424	4.3	54	J	7.6	-29	145	-4.0	3.6	-1.5	1	J
22	421	5.1	57	J	7.5	-22	132	-3.4	4.3	-0.4	1	J
23	414	5.3	35	J	7.5	-19	144	-4.3	3.6	-0.4	2	J
24	423	5.5	55	J	7.3	1	137	-3.5	3.0	1.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JAN. 18, 1988							18
421	5.4	53	J	7.3	-7	132	-3.7	4.1	1.0	2	J	
441	5.6	62	J	7.6	-15	116	-2.2	4.8	0.4	3	J	
451	5.8	60	J	7.4	26	112	-1.9	3.5	3.8	3	J	
437	6.2	114	J	7.0	28	143	-2.9	1.6	2.5	3	J	
452	5.8	55	J	7.4	71	185	-1.8	-1.3	5.0	2	J	
433	5.9	55	J	7.5	-32	200	-3.3	-1.0	-2.3	3	J	
437	6.3	73	J									
					JAN. 25, 1988							25
305	15.0	18	J	4.7	-47	129	-1.8	3.3	-1.8	2	J	
304	14.0	17	J	5.1	-34	146	-3.2	3.1	-1.5	2	J	
313	16.4	26	J	3.4	-7	75	0.9	3.2	0.6	0	J	
314	16.4	19	J	4.2	-6	61	1.1	2.0	0.3	4	J	
309	17.3	16	J	4.2	-56	100	-0.4	3.0	-2.9	1	J	
308	17.6	16	J	4.5	-50	106	-0.8	3.2	-2.9	1	J	
311	14.5	13	J	5.5	-36	87	0.2	4.6	-2.7	1	J	
312	14.9	14	J	5.5	-42	97	-0.5	4.3	-3.4	1	J	
306	20.9	16	J	3.8	-44	105	-0.7	2.7	-2.5	1	J	
306	21.1	14	J	3.5	-40	85	0.2	2.6	-2.0	1	J	
305	19.7	14	J	3.7	-44	88	0.1	2.7	-2.4	1	J	
304	18.9	15	J	3.7	-50	86	0.2	2.5	-2.7	1	J	
303	18.9	13	J	4.4	-53	91	-0.0	2.9	-3.2	1	J	
299	19.0	14	J	4.4	-50	95	-0.2	3.2	-2.9	1	J	
290	19.8	17	J	4.3	-58	91	-0.0	2.8	-3.1	1	J	
281	18.6	12	J	4.5	-65	71	0.6	2.7	-3.6	1	J	
281	18.2	12	J	4.6	-82	48	0.4	1.7	-4.2	1	J	
283	18.2	12	J	4.5	-82	46	0.4	1.9	-4.1	1	J	
292	18.6	14	J	4.5	-85	10	0.4	1.7	-4.1	0	J	
289	19.4	17	J	4.6	-77	322	0.8	1.2	-4.3	1	J	
294	21.0	18	J	4.1	-62	314	1.3	0.3	-3.7	1	J	
295	20.8	18	J	3.2	-63	351	0.9	0.6	-1.6	3	J	
296	22.3	20	J	2.3	62	356	0.7	-0.6	1.1	2	J	
294	13.7	15	J	6.2	44	308	2.7	-4.9	2.7	1	J	
297	11.9	13	J	7.4	53	297	2.0	-5.7	4.3	1	J	
297	12.0	15	J	8.3	56	296	2.0	-5.9	5.5	0	J	
296	13.0	15	J	8.5	60	311	2.8	-4.6	6.4	1	J	
293	22.9	19	J	6.7	30	306	3.3	-4.9	2.5	2	J	
292	25.1	19	J	6.2	-7	300	2.9	-5.0	-1.3	2	J	
299	26.1	16	J	6.8	-31	272	0.2	-5.5	-3.9	1	J	
295	25.7	17	J	7.2	-40	285	1.4	-4.9	-4.8	1	J	
295	25.6	18	J	7.4	-48	278	0.7	-4.5	-5.5	2	J	
294	22.7	18	J	8.2	-41	273	0.3	-5.5	-5.3	3	J	
295	21.9	17	J	8.6	-39	270	-0.0	-6.2	-5.8	1	J	
293	21.9	18	J	8.0	-43	275	0.5	-5.3	-6.0	1	J	
290	22.0	31	J	6.3	6	322	4.2	-3.4	-0.0	4	J	
286	20.5	30	J	9.0	11	343	8.2	-2.8	1.0	2	J	
285	21.4	32	J	9.2	15	16	8.4	1.7	2.9	1	J	
309	26.9	38	J	10.3	-66	357	2.7	1.9	-5.7	8	J	
314	33.9	37	J	9.3	-57	223	-3.6	-0.3	-8.3	2	J	
312	34.7	36	J	7.9	-63	145	-2.3	3.7	-4.3	5	J	
309	33.9	42	J	7.6	70	307	1.5	-4.8	5.3	2	J	
305	30.2	44	J	9.6	34	311	4.7	-7.0	1.9	4	J	
301	29.1	47	J	8.8	-11	304	4.7	-5.5	-4.6	2	J	
					JAN. 27, 1988							27
300	28.5	46	J	6.9	-36	284	1.2	-2.8	-5.5	3	J	
298	28.2	38	J	7.4	-55	325	3.1	0.3	-5.7	3	J	
292	26.1	48	J	6.5	-58	323	2.6	-0.8	-5.6	2	J	
292	27.3	51	J	7.6	-55	324	2.8	-1.2	-5.3	5	J	
301	28.8	50	J	9.4	-23	278	1.2	-7.8	-4.5	3	J	
303	33.2	47	J	9.6	-27	292	2.8	-6.6	-4.3	5	J	
300	38.2	43	J	8.3	-47	69	2.0	5.5	-5.7	2	J	
294	31.4	37	J	10.2	-35	55	4.6	6.8	-5.2	3	J	
287	29.4	36	J	9.8	-9	70	3.2	8.8	-1.0	3	J	
282	25.5	34	J	10.0	-18	69	3.3	8.9	-2.4	2	J	
277	23.3	26	J	9.3	-22	69	3.1	8.4	-2.6	1	J	
277	24.7	36	J	7.5	-25	16	5.8	2.1	-2.6	3	J	
274	23.3	34	J	7.7	-11	38	5.3	4.3	-0.5	4	J	
276	22.1	36	J	7.2	-18	43	4.9	4.9	-1.0	1	J	
278	21.9	31	J	6.7	-28	48	3.7	4.8	-1.6	2	J	
275	19.5	24	J	7.3	-3	63	3.1	5.9	1.7	2	J	
281	18.0	35	J	7.2	-36	356	5.7	1.2	-4.0	1	J	
301	13.2	45	J	8.3	-15	303	3.3	-4.0	-3.6	6	J	
327	4.2	47	J	10.0	22	265	-0.8	-9.2	-0.6	3	J	
312	13.7	43	J	8.2	12	287	2.2	-7.1	-1.8	3	J	
314	17.0	41	J	7.2	-7	291	2.4	-5.2	-3.6	3	J	
321	18.8	47	J	5.3	10	258	-0.6	-2.5	-0.7	5	J	
323	20.4	35	J	5.8	5	251	-1.1	-3.0	-1.1	5	J	
330	20.3	28	J	6.7	-6	285	1.7	-5.6	-3.1	1	J	
328	20.6	36	J	7.2	-4	296	2.8	-5.2	-2.3	3	J	
337	25.8	30	J	6.9	39	221	-4.0	-4.5	3.1	1	J	
327	18.0	37	J	10.2	28	261	-1.4	-9.4	3.7	1	J	
330	16.4	38	J	9.6	-3	270	-0.0	-9.0	-1.2	3	J	
343	16.4	58	J	7.8	-16	282	1.4	-6.6	-2.4	3	J	
331	14.5	54	J	7.6	-23	300	3.5	-5.8	-3.2	1	J	
323	14.5	49	J	7.5	-21	296	2.9	-5.8	-2.9	2	J	
328	13.0	58	J	6.9	-13	312	4.5	-4.9	-1.9	1	J	
337	14.5	44	J	6.9	-11	326	5.6	-3.6	-1.7	1	J	
320	20.3	31	J	5.1	1	329	4.2	-2.5	-0.3	2	J	
309	24.0	18	J	3.5	41	136	-1.6	1.2	2.2	2	J	
314	20.4	17	J	5.3	40	151	-3.6	1.1	3.8	1	J	
310	19.7	18	J	5.2	42	133	-2.5	1.6	4.0	1	J	
315	24.3	16	J	3.2	62	113	-0.2	0.1	1.2	3	J	
308	28.3	12	J	2.6	6	291	0.8	-2.0	-0.6	1	J	
310	26.9	15	J	2.6	5	315	1.7	-1.6	-0.5	1	J	
312	26.8	15	J	2.9	16	24	2.1	0.5	1.0	2	J	
312	28.2	14	J	2.8	8	77	0.5	1.8	1.3	2	J	
314	27.3	16	J	2.7	-5	90	0.0	2.2	0.9	2	J	
					JAN. 29, 1988							29
317	15.4	16	J	6.0	-1	77	1.3	5.3	2.5	0	J	
315	14.1	17	J	6.5	-21	91	-0.1	6.5	0.5	1	J	
313	14.9	17	J	6.0	-30	97	-0.6	5.8	-0.8	1	J	
310	20.9	19	J	3.7	-39	114	-1.1	3.1	-1.2	1	J	
307	24.4	27	J	3.5	-21	87	0.2	3.4	-0.3	1	J	
326	14.2	30	J	5.3	-35	340	4.1	-1.3	-3.1	1	J	
318	15.8	33	J	4.3	-24	317	2.4	-2.1	-1.6	2	J	
309	15.6	30	J	4.1	-11	301	1.9	-3.1	-1.0	1	J	
309	14.2	29	J	4.3	-15	299	1.8	-3.2	-1.4	2	J	
315	14.3	31	J	4.0	-6	272	0.1	-2.6	-0.7	3	J	
312	14.5	30	J	3.9	-1	289	0.9	-2.6	-0.6	3	J	
306	13.0	25	J	4.1	-22	323	2.9	-1.7	-2.0	2	J	
314	10.9	22	J	4.7	33	289	0.9	-3.1	1.0	3	J	
315	11.5	28	J	4.6	35	301	1.9	-3.9	1.3	1	J	
313	12.6	27	J	4.1	1	287	1.1	-3.2	-1.3	2	J	
314	12.5	26	J	3.6	-16	301	1.4	-1.8	-1.7	2	J	
317	13.6	24	J	3.3	17	288	0.8	-2.6	-0.4	2	J	
315	13.6	18	J	3.6	13	269	-0.1	-3.4	-0.9	1	J	
313	14.1	19	J	2.6	-24	242	-0.9	-1.1	-1.5	1	J	
304	10.2	18	J	4.5	34	218	-2.7	-2.3	2.1	2	J	
307	10.4	20	J	4.1	36	212	-2.7	-1.9	2.1	1	J	
307	11.2	19	J	4.5	34	186	-3.6	-0.8	2.4	1	J	
306	10.2	20	J	3.9	9	226	-2.3	-2.5	0.0	2	J	
306	11.1	24	J	3.4	40	280	0.4	-2.7	1.3	1	J	
306	11.4	17	J	4.1	-1	242	-1.6	-2.8	-1.0	2	J	
305	12.3	20	J	4.2	25	248	-1.2	-3.4	0.4	2	J	
304	12.4	16	J	4.1	5	256	-0.9	-3.6	-1.2	1	J	
303	12.7	14	J	4.2	-5	266	-0.3	-3.4	-2.0	1	J	
301	11.9	16	J	4.2	-22	269	-0.1	-2.8	-3.2	1	J	
301	15.1	12	J	3.1	36	267	-0.1	-2.3	0.3	2	J	
298	15.1	11	J	3.2	31	273	0.1	-3.0	0.2	1	J	

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	296	14.5	14	J	3.8	53	281	0.4	-2.8	1.4	2	J
2	295	15.8	19	J	3.9	9	276	0.4	-3.4	-1.0	2	J
3	294	15.1	19	J	4.5	10	273	0.2	-4.2	-1.0	1	J
4	290	15.2	22	J	4.6	-4	288	1.4	-3.8	-1.7	1	J
5	291	14.4	21	J	5.0	-2	277	0.6	-4.7	-1.6	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	273	21.2	13	J	3.2	21	267	-0.2	-3.0	0.6	1	J
16	274	24.1	17	J	3.1	25	271	0.0	-2.8	0.6	1	J
17	271	19.5	13	J	4.2	6	249	-1.4	-3.6	-0.5	2	J
18	277	24.3	12	J	3.6	-17	255	-0.9	-2.8	-2.0	1	J
19	275	27.3	12	J	2.5	-12	254	-0.7	-2.0	-1.3	1	J
20	274	26.0	11	J	3.6	-10	250	-1.1	-2.6	-1.7	1	J
21												
22												
23												
24												

FEB. 6, 1988 — 37

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	383	11.3	67	J								
	387	11.9	79	J								
					6.8	10	328	2.5	-1.6	0.2	6	J
	413	14.2	57	J	7.4	1	296	3.0	-6.1	-0.9	2	J
	404	13.0	84	J	7.8	-10	314	4.7	-4.6	-1.8	3	J
	429	11.1	139	J	7.0	-10	314	3.8	-3.8	-1.4	4	J
	440	11.0	187	J	6.7	-9	344	5.4	-1.5	-1.0	3	J
	463	8.6	83	J	7.8	18	340	6.6	-2.6	2.0	2	J
	472	7.9	134	J	7.0	11	330	5.7	-3.4	0.9	1	J
	472	7.6	142	J	6.7	-5	321	4.9	-3.8	-1.2	2	J
	464	7.7	106	J	6.6	-12	316	4.4	-3.9	-2.1	2	J
	455	8.3	134	J	6.9	-23	332	5.5	-2.2	-3.3	1	J

FEB. 7, 1988 — 38

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	428	7.1	68	J	5.8	0	279	0.8	-4.7	-2.6	2	J
2	425	6.8	63	J	5.3	-8	296	2.0	-3.3	-2.4	3	J
3	423	6.5	70	J	5.1	-4	301	2.4	-3.5	-2.0	2	J
4	425	6.2	72	J	4.7	-25	282	0.8	-2.6	-2.9	2	J
5	423	5.9	56	J	4.5	12	260	-0.7	-4.1	-0.5	2	J
6	398	5.7	83	J	4.7	7	328	3.4	-2.2	-0.1	2	J
7	396	5.6	84	J	4.4	2	312	2.6	-2.9	-0.5	2	J
8	399	6.1	69	J	4.8	27	313	2.6	-3.0	1.4	2	J
9	409	5.5	44	J	4.7	4	275	0.4	-4.4	-0.3	2	J
10	411	5.2	48	J	4.1	18	264	-0.3	-3.3	0.7	2	J
11	400	5.1	86	J	4.4	-7	315	2.7	-2.7	-0.8	2	J
12	408	5.1	53	J	4.4	29	299	1.5	-2.9	1.4	3	J
13	386	6.5	76	J	4.1	8	3	4.0	0.1	0.6	1	J
14	386	6.1	115	J								
15	392	6.6	58	J	4.5	17	320	3.0	-2.7	0.7	2	J
16	394	6.2	45	J	4.6	12	311	2.8	-3.3	0.1	2	J
17	389	6.5	52	J	5.1	7	308	3.0	-3.8	-0.5	1	J
18	381	6.2	32	J	5.0	5	312	3.2	-3.5	-0.8	1	J
19												
20												
21												
22												
23												
24												

FEB. 8, 1988 — 39

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	336	8.0	16	J	3.6	10	359	3.4	-0.3	0.5	1	J
	342	7.4	22	J	4.1	5	321	2.9	-2.3	-0.6	1	J
	344	6.4	36	J	3.8	-6	336	2.8	-1.1	-0.7	2	J
	339	5.5	28	J	3.8	-9	352	3.6	-0.3	-0.7	0	J
	339	6.3	18	J	4.0	-11	350	3.9	-0.5	-0.9	0	J
	338	5.8	19	J	3.6	-9	351	3.5	-0.4	-0.7	1	J
	339	5.9	18	J	3.5	-3	347	3.3	-0.7	-0.3	1	J
	335	5.2	18	J	3.3	15	334	2.6	-1.4	0.6	1	J
	340	6.0	16	J	3.2	2	311	2.0	-2.3	-0.2	1	J
	336	6.0	16	J	3.3	-2	320	2.5	-2.1	-0.4	1	J
	331	6.3	18	J	3.3	10	335	2.8	-1.4	0.4	1	J
	332	6.7	15	J	3.5	16	332	2.7	-1.6	0.6	1	J
	325	6.6	20	J	3.8	-4	333	3.4	-1.6	-0.6	1	J
					3.3	9	329	2.8	-1.8	0.1	0	J
	331	7.2	13	J	3.8	-38	280	0.5	-2.1	-3.1	0	J
	331	9.1	14	J	4.1	-21	301	1.9	-2.5	-2.4	1	J
	336	10.4	15	J	4.7	-28	290	1.4	-2.7	-3.5	1	J
	336	12.3	14	J	4.7	-20	303	2.4	-2.6	-3.1	1	J
	332	13.7	13	J	4.8	-1	308	2.8	-3.2	-1.8	1	J
	324	13.3	15	J	4.9	8	308	2.9	-3.6	-1.2	1	J
	325	11.5	14	J	5.0	42	303	2.0	-4.3	1.3	1	J
	322	13.6	12	J	4.0	45	307	1.7	-3.3	1.3	1	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	333	25.9	11	J	4.1	17	304	2.0	-3.2	-0.5	2	J
2	335	32.8	13	J	4.7	7	306	1.9	-2.5	-0.9	3	J
3												
4												
5												
6	339	23.1	29	J	3.5	39	16	2.2	0.1	1.9	2	J
7	345	26.2	31	J	3.7	47	19	1.6	0.1	1.9	3	J
8	367	24.7	32	J	6.3	-24	325	4.0	-2.4	-2.7	3	J
9	374	23.5	30	J	6.7	-34	319	2.8	-2.0	-2.8	5	J
10	385	24.3	60	J	5.8	-60	319	1.3	-0.7	-3.1	5	J
11	388	18.9	51	J	6.6	-1	321	5.0	-4.0	-0.6	2	J
12	387	19.9	58	J	4.3	-33	319	2.5	-1.9	-2.4	3	J
13	387	21.6	63	J	4.4	-24	321	3.0	-2.2	-2.0	1	J
14	383	17.1	58	J	5.1	-7	317	3.5	-3.1	-1.1	2	J
15	373	10.8	54	J	6.9	-22	308	3.8	-4.3	-3.5	2	J
16	366	8.5	49	J	8.0	-21	310	4.7	-4.7	-4.1	2	J
17	363	8.6	54	J	8.3	-12	311	5.1	-5.1	-3.3	3	J
18					8.4	-5	313	5.6	-5.3	-2.8	2	J
19												
20	399	18.1	59	J	6.7	-25	309	3.7	-2.9	-4.4	2	J
21	404	20.7	48	J	7.1	-7	292	2.5	-5.0	-3.6	3	J
22	402	16.1	59	J	8.0	-7	291	2.7	-5.7	-4.3	2	J
23												
24												

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	381	14.9	57	J	8.1	-11	133	-4.4	4.8	-0.5	5	J
	389	13.0	65	J	9.0	0	118	-4.1	7.6	1.0	2	J
	393	14.5	55	J	8.7	-27	108	-1.9	6.3	-2.4	5	J
	385	14.9	57	J	8.4	-37	124	-3.4	5.6	-3.9	4	J
	396	12.2	75	J	9.2	-34	131	-4.5	5.7	-3.8	4	J
	390	11.4	78	J	7.8	-51	167	-4.2	1.9	-5.0	4	J
	416	8.6	153	J	5.9	7	135	-2.5	2.4	1.0	5	J
	428	7.3	110	J	7.2	37	140	-1.0	0.6	1.2	7	J
	423	6.0	108	J	8.3	20	109	-2.5	6.0	4.8	2	J
	429	6.8	138	J	6.8	16	98	-0.8	4.7	3.5	3	J
	417	5.6	110	J	7.3	-3	121	-3.3	5.2	1.9	3	J
	421	5.9	144	J	6.9	0	104	-1.2	4.3	2.1	5	J
	407	4.4	109	J	6.3	3	39	4.2	2.9	1.9	3	J
	409	4.5	112	J	6.2	4	118	-2.8	4.3	2.9	2	J
	423	5.3	146	J	4.9	22	99	-0.5	2.0	2.7	4	J
	398	5.5	124	J	5.6	12	117	-2.4	3.5	3.4	1	J

FEB. 11, 1988 — 42

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	399	5.9	109	J	5.7	-1	116	-2.1	3.9	2.1	3	J
2	405	6.3	89	J	5.9	29	100	-0.8	2.8	4.5	3	J
3	389	6.7	72	J	6.8	22	114	-2.4	3.8	4.5	2	J
4	390	8.7	54	J	6.3	45	127	-2.5	1.4	5.1	3	J
5	378	9.5	47	J	7.0	37	135	-3.8	2.2	5.2	2	J
6	383	10.2	41	J	7.6	20	110	-2.4	5.5	4.3	2	J
7	397	10.7	33	J	7.9	21	96	-0.7	5.7	4.0	4	J
8												
9												
10												
11	375	12.0	24	J	9.2	-39	128	-4.4	6.3	-5.0	1	J
12	378	12.9	38	J	8.8	-38	117	-3.1	6.7	-4.5	2	J
13	380	13.5	36	J	8.8	-47	100	-1.0	6.5	-5.2	3	J
14	378	15.5	25	J	9.8	-20	89	0.2	9.6	-1.7	2	J
15	388	16.5	40	J	9.9	17	62	4.1	6.9	4.2	4	J
16	386	15.8	43	J	10.4	-2	81	1.5	9.5	2.2	3	J
17	390	17.0	59	J	10.4	13	78	1.9	7.7	4.7	5	J
18	399	14.5	71	J	11.1	35	62	4.0	4.9	8.3	4	J
19	401	12.8	129	J	10.3	-24	85	0.8	9.6	-0.1	4	J
20	411	11.9	140	J	9.8	-2	80	1.4	7.4	3.4	5	J
21	414	8.4	209	J	11.9	-37	116	-3.7	9.8	-2.0	5	J
22	416	8.7	194	J	13.1	32	90	0.0	5.8	10.9	5	J
23	419	8.6	186	J	11.4	29	102	-1.9	5.0	8.7	5	J
24	452	8.0	279	J	10.3	-6	80	1.3	6.6	3.1	7	J

FEB. 12, 1988 — 43

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
	430	7.6	308	J	10.5	-15	94	-0.6	9.2	2.5	4	J
	448	8.1	249	J	10.4	-22	71	2.5	7.9	0.8	6	J
	425	8.1	285	J	9.6	-6	94	-0.6	8.3	3.1	3	J
	415	8.1	234	J	8.8	-46	104	-1.1	5.9	-2.5	6	J
	419	8.1	229	J	8.9	-83	35	0.6	2.4	-5.2	7	J
	405	7.9	139	J	8.2	-65	217	-2.1	0.2	-5.9	5	J
	402	8.9	117	J	8.0	-47	211	-3.7	-1.0	-5.0	5	J
	392	9.0	93	J	7.7	-4	180	-6.8	0.1	-0.5	4	J
	402	8.3	84	J	8.4	14	167	-7.2	1.3	2.1	4	J
	412	4.6	40	J	6.5	8	142	-4.9	3.6	1.6	2	J
	442	5.8	108	J	6.6	9	122	-3.3	4.9	2.1	2	J
	439	5.4	61	J	6.6	37	104	-1.2	3.7	4.9	2	J
	429	6.2	84	J	6.5	15	113	-2.1	4.2	2.9	3	J
	437	6.2	82	J	6.4	-51	240	-1.7	-1.2	-5.0	3	J
	415	5.5	78	J	6.1	-40	191	-3.7	0.6	-3.2	4	J
	419	5.6	75	J	6.5	6	111	-2.1	4.6	3.0	3	J
	431	5.4	54	J	6.3	26	122	-2.8	2.7	4.4	3	J
	522	13.7	215	J	12.1	5	107	-2.6	6.9	4.9	9	J
	540	12.6	173	J	16.3	17	94	-1.0	10.3	11.4	5	J
	543	12.3	164	J	15.0	31	81	1.9	6.5	12.5	5	J

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FEB. 13, 1988 — 44

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	CSE LAT	CSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	509	11.7	193	J	12.4	10	116	-4.4	6.8	6.0	7	J
2	494	10.5	261	J	11.6	-11	118	-4.2	7.7	2.3	7	J
3	520	10.1	326	J	12.0	31	93	-0.5	5.8	9.2	5	J
4	502	8.9	344	J	11.9	-37	116	-3.7	9.6	-2.8	5	J
5					11.0	-35	128	-5.4	8.7	-3.3	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	471	11.4	51	J	9.6	1	85	0.8	8.8	2.2	3	J
16	473	12.5	74	J	9.2	-31	92	-0.2	6.9	-1.9	6	J
17	468	12.0	79	J	9.6	-46	90	0.0	7.7	-4.0	4	J
18												
19												
20												
21												
22												
23												
24												

FEB. 19, 1988 — 50

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	CSE LAT	CSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3					5.2	-12	146	-3.8	2.7	0.3	2	J
4					5.4	-8	157	-4.5	2.0	0.2	1	J
5					5.9	-2	140	-4.0	3.2	1.1	3	J
6					5.6	-18	161	-4.4	1.9	-0.9	3	J
7					5.6	3	181	-5.2	-0.2	0.2	2	J
8					5.5	8	162	-4.9	1.4	1.1	2	J
9					5.6	9	130	-2.7	3.0	1.3	4	J
10					5.4	18	141	-3.4	2.5	1.9	3	J
11					5.2	-3	127	-2.7	3.6	0.3	2	J
12					5.2	-25	144	-3.4	2.8	-1.6	2	J
13					5.4	-10	177	-5.1	0.4	-0.8	1	J
14					5.8	0	175	-5.5	0.5	0.1	2	J
15					5.5	14	150	-3.9	1.9	1.6	3	J
16					5.4	-17	170	-4.6	1.2	-1.1	2	J
17					5.6	-24	147	-4.1	3.3	-1.2	1	J
18					5.6	-10	178	-5.2	0.5	-0.8	2	J
19					5.5	-12	177	-5.2	0.7	-0.9	1	J
20					5.7	-12	164	-5.0	1.8	-0.3	2	J
21					5.8	14	156	-4.9	1.2	2.2	2	J
22					5.8	13	151	-4.6	1.5	2.4	2	J
23					5.7	-13	140	-4.0	3.5	0.8	2	J
24												

FEB. 20, 1988 — 51

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	CSE LAT	CSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2					6.2	-9	151	-5.0	2.9	0.6	2	J
3					6.2	-3	151	-5.2	2.7	1.1	1	J
4					6.4	10	164	-6.0	1.1	1.7	1	J
5					6.0	23	167	-5.1	0.3	2.5	2	J
6					5.7	31	161	-4.5	0.5	3.2	1	J
7					5.5	32	148	-3.5	1.4	3.0	3	J
8					5.3	30	134	-2.9	2.4	3.1	2	J
9												
10					5.6	16	155	-4.3	1.7	1.7	3	J
11					5.7	25	161	-4.3	1.1	2.3	3	J
12					5.3	-9	158	-4.2	1.8	-0.4	3	J
13					6.2	-21	116	-2.5	5.4	-1.2	1	J
14					6.1	18	128	-3.4	3.9	2.7	2	J
15					3.5	-1	174	-1.0	0.1	0.0	4	J
16					4.0	-18	151	-2.7	1.8	-0.5	2	J
17					4.5	0	135	-3.0	2.8	1.0	2	J
18					2.9	2	137	-1.5	1.3	0.6	2	J
19					0.8	-22	10	0.6	0.2	-0.2	0	J
20												
21												
22												
23												
24												

FEB. 21, 1988 — 52

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	CSE LAT	CSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4					15.9	-8	299	7.3	-11.1	-7.6	4	J
5					14.5	40	309	6.6	-10.9	5.1	5	J
6					15.3	8	301	7.3	-12.2	-2.1	7	J
7					10.4	-59	33	2.9	3.3	-4.9	9	J
8					9.7	-44	140	-2.8	3.1	-2.8	8	J
9					10.3	-16	175	-4.4	0.6	-1.2	9	J
10					12.1	41	70	2.5	5.7	7.5	7	J
11					17.1	46	72	3.6	9.0	13.8	3	J
12												
13												
14												
15												
16					23.4	5	78	4.8	21.1	8.6	2	J
17					23.9	1	79	4.5	21.6	8.3	3	J
18					23.8	-9	79	4.4	22.3	5.5	4	J
19					24.0	-16	82	3.2	23.4	4.0	2	J
20					24.0	-27	78	4.4	23.5	0.4	2	J
21					23.7	-32	78	4.2	23.3	-0.9	2	J
22												
23												
24												

FEB. 22, 1988 — 53

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	CSE LAT	CSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	423	7.5	31	J	16.0	-69	262	-0.8	-2.8	-15.6	1	J
14	405	12.5	22	J	15.1	-68	263	-0.7	-2.5	-14.9	1	J
15	402	12.2	17	J	14.8	-68	269	-0.1	-1.9	-14.6	1	J
16	406	12.7	19	J	14.3	-59	259	-1.4	-3.3	-13.9	1	J
17	408	13.1	20	J	13.3	-43	249	-3.4	-5.3	-11.5	2	J
18	405	9.0	18	J	12.6	-38	245	-4.2	-5.2	10.7	1	J
19	409	11.3	21	J	12.1	-31	246	-4.2	-5.7	-9.7	2	J
20	425	9.6	27	J	11.6	-15	241	-5.3	-7.0	-7.1	3	J
21	440	10.1	24	J	11.4	2	238	-6.0	-8.5	-4.6	1	J
22	445	8.7	25	J	11.0	0	238	-5.8	-7.8	-4.9	2	J
23	453	7.7	27	J	11.2	-20	240	-5.3	-5.6	-8.2	1	J
24	462	8.8	33	J	11.1	-28	249	-3.5	-4.8	-9.3	1	J

FEB. 23, 1988 — 54

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	CSE LAT	CSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	459	9.7	32	J	10.8	-34	253	-2.6	-4.0	-9.7	1	J
2	454	9.5	35	J	11.0	-60	267	-0.3	0.1	-10.6	3	J
3	437	4.2	35	J	10.6	-45	290	2.5	-2.6	-9.7	3	J
4	432	4.8	44	J	10.8	-49	298	3.3	-2.1	-10.0	1	J
5	423	4.9	64	J	10.5	-52	322	5.0	-0.5	-9.1	2	J
6												
7												
8												
9												
10	445	6.9	159	J	6.9	-28	309	3.5	-3.7	-3.7	3	J
11	426	5.0	112	J	6.5	-19	14	5.5	1.7	-1.7	2	J
12	447	5.4	135	J	6.9	-11	38	5.0	4.0	-0.5	3	J
13	470	5.4	143	J	6.1	36	62	1.8	2.8	3.4	4	J
14	476	5.4	128	J	6.4	29	56	2.3	2.8	3.0	4	J
15	487	5.2	136	J	5.3	49	2	1.6	-0.4	1.8	5	J
16	480	4.9	145	J	5.1	-13	316	3.4	-2.8	-2.0	2	J
17	491	4.9	105	J	5.5	-42	314	2.6	-1.3	-4.1	2	J
18	472	4.7	83	J	5.5	-8	323	4.0	-2.5	-1.8	2	J
19	469	4.7	69	J	5.3	8	320	3.8	-3.2	-0.8	2	J
20	466	5.0	72	J	5.1	9	314	3.2	-3.3	-1.0	2	J
21	471	4.7	80	J	4.9	42	352	2.9	-1.7	2.0	3	J
22	479	5.5	95	J	5.0	47	51	1.8	0.3	3.9	2	J
23	486	5.5	89	J	5.0	66	38	1.0	-0.9	2.8	4	J
24	470	5.4	79	J	5.2	-12	57	1.9	2.9	1.0	4	J

FEB. 24, 1988 — 55

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	CSE LAT	CSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	463	5.4	77	J	5.0	-17	10	3.5	1.1	-0.6	3	J
2	467	5.5	83	J	4.9	-4	312	2.9	-2.6	-1.9	2	J
3	473	5.4	78	J	4.8	-11	311	2.2	-1.9	-1.8	3	J
4	457	5.0	62	J	5.1	21	333	3.4	-2.2	0.6	3	J
5	453	4.7	51	J	5.3	12	336	4.6	-2.3	0.2	2	J
6	465	5.2	72	J	5.5	22	320	3.6	-3.5	0.8	2	J
7	446	4.6	61	J	5.4	5	347	4.9	-1.2	0.1	2	J
8	447	4.8	73	J	5.8	-13	332	4.4	-2.0	-1.7	3	J
9												
10												
11												
12	445	4.1	79	J	6.6	11	345	6.2	-1.8	0.9	1	J
13	436	5.2	66	J	6.8	5	329	5.5	-3.3	-0.1	2	J
14	435	5.0	77	J	6.7	-3	311	3.9	-4.3	-1.3	3	J
15	435	4.8	64	J	6.8	16	305	3.4	-5.2	0.4	3	J
16	441	4.7	61	J	6.7	-8	291	2.1	-5.0	2.4	3	J
17	470	5.1	75	J	7.1	18	263	-0.7	-6.4	-0.3	3	J
18	470	4.7	61	J	7.0	23	265	-0.5	-6.5	-0.0	3	J
19	417	5.1	43	J	6.4	-10	343	4.8	-0.9	-1.4	4	J
20	416	5.7	67	J	6.3	-9	17	5.3	1.8	0.0	3	J
21	411	5.5	49	J	6.4	-8	18	5.7	2.0	0.2	2	J
22	409	5.7	42	J	6.5	9	17	6.0	1.0	1.8	1	J
23	412	5.9	50	J	6.7	18	17	5.7	0.4	2.6	2	J
24					7.1	16	349	6.4	-2.1	0.9	2	J

FEB. 25, 1988 — 56

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	CSE LAT	CSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	423	6.0	66	J	6.9	-15	305	3.5	-3.3	-4.0	3	J
2	418	5.6	74	J	6.4	-18	306	3.2	-2.9	-3.8	3	J
3	437	5.3	67	J	6.6	-11	279	0.7	-3.5	-2.9	5	J
4	430	5.7	65	J	6.6	-12	288	1.7	-4.3	-3.4	3	J
5	408	5.5	51	J	6.5	-44	345	4.3	0.6	-4.4	2	J
6	425	6.4	90	J	6.1	4	288	1.5	-4.6	-1.3	3	J
7	419	6.1	69	J	5.9	16	293	2.1	-5.1	0.1	2	J
8	405	6.5	84	J	5.6	2	319	3.7	-3.2	-0.6	3	J
9	396	6.9	89	J	5.7	-10	327	4.0	-2.3	-1.4	3	J
10	418	6.8	63	J	5.6	-11	289	1.5	-4.2	-1.7	3	J
11												
12												
13												
14	403	7.2	73	J	6.1	-30	312	2.8	-2.5	-3.1	4	J
15	414	6.9	54	J	6.4	14	276	0.6	5.9	-0.1	2	J
16	412	6.6	51	J	6.1	-17	278	0.7	-4.1	-2.9	3	J
17	417	6.6	60	J	5.9	8	276	0.5	-4.8	-1.1	3	J
18	384	6.7	51	J	5.5	-6	315	3.0	-2.6	-1.6	3	J
19	375	7.5	54	J	5.9	-31	354	4.4	0.8	-2.6	2	J
20	385	6.8	46	J	5.6	-13	314	3.1	-2.3	-2.5	3	J
21	395	6.8	56	J	5.5	-14	290	1.7	-3.3	-3.5	2	J
22	401	6.7	51	J	5.8	11	272	0.2	-4.5	-1.8	3	J
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 2, 1988							62
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	334	12.9	55	J	8.1	0	126	-4.5	6.0	1.5	2	J
15	339	11.2	57	J	7.9	-5	130	-4.5	5.4	0.9	3	J
16												
17												
18												
19												
20												
21												
22												
23												
24	371	11.6	47	J	11.5	38	119	-4.3	2.6	10.1	2	J
					MAR. 3, 1988							63
	377	21.3	51	J	7.9	50	19	2.7	-1.1	3.3	7	J
	370	21.4	41	J	8.0	7	75	1.3	3.7	3.0	7	J
	362	20.3	51	J	7.7	-25	95	-0.5	6.5	0.5	4	J
	363	21.4	51	J	7.4	26	83	0.6	3.3	4.4	5	J
	361	20.9	47	J	5.8	66	114	-0.9	-0.2	5.6	1	J
	360	24.3	36	J	4.7	51	86	0.2	1.2	3.5	3	J
	358	27.3	32	J	4.4	-58	91	-0.0	2.6	-2.2	3	J
	349	24.3	27	J	4.7	-44	262	-0.5	-2.3	-3.9	1	J
	343	25.6	31	J	5.2	-4	263	-0.6	-4.6	-1.4	2	J
	339	24.2	22	J	5.8	31	264	-0.5	-4.8	1.7	3	J
	334	29.7	13	J	4.7	67	105	-0.5	0.9	4.6	1	J
	336	25.6	15	J	4.5	50	135	-2.0	1.3	3.6	2	J
	336	25.0	15	J	4.9	41	139	-2.7	1.6	3.5	2	J
	335	28.6	15	J	4.8	31	130	-2.5	2.3	3.0	2	J
	342	41.7	31	J	6.0	39	125	-1.9	1.9	3.4	4	J
	364	25.6	64	J	10.4	47	330	4.5	-4.3	4.5	7	J
	378	25.4	73	J	14.0	27	312	7.4	-9.7	2.2	6	J
	395	28.2	114	J	11.2	-7	123	-4.4	6.5	1.9	8	J
	394	22.6	85	J	14.3	38	143	-8.9	2.0	10.9	2	J
	392	44.1	49	J	16.7	35	135	-9.2	3.4	12.4	6	J
	384	25.9	59	J	18.0	26	135	-10.6	5.1	11.8	7	J
	377	20.8	35	J	17.7	-21	116	-6.9	15.1	2.7	5	J
	374	16.6	25	J	17.2	-33	106	-4.0	16.6	0.0	1	J
					MAR. 4, 1988							64
1												
2	379	16.1	26	J	13.9	-37	81	1.7	13.7	-1.4	0	J
3	377	17.0	58	J	12.2	-25	94	-0.7	10.9	0.8	5	J
4	391	19.3	75	J	12.2	-42	82	1.2	10.9	-3.0	5	J
5	423	13.9	129	J	13.2	-36	78	2.1	11.9	-2.7	5	J
6	439	13.3	182	J	9.5	-58	24	4.3	4.4	-6.3	3	J
7	410	13.0	171	J	6.4	-41	42	2.9	3.5	-2.5	4	J
8	462	10.4	132	J	8.7	-25	21	6.2	3.1	-2.4	5	J
9	461	14.6	133	J	6.1	-10	35	3.3	2.4	-0.2	5	J
10	460	13.6	147	J	3.5	6	73	0.9	2.8	0.9	2	J
11	454	13.7	155	J	4.1	-2	16	1.5	0.4	0.0	4	J
12	457	12.8	89	J	7.6	3	327	6.2	-4.0	-0.4	2	J
13	453	12.4	72	J	8.4	-6	339	7.7	-2.7	-1.5	2	J
14	459	12.0	56	J	10.1	-20	346	9.0	-1.4	-3.8	2	J
15					10.0	-20	333	7.5	2.8	-4.0	5	J
16					10.0	-28	350	8.6	0.1	-4.9	2	J
17	473	15.2	137	J	5.9	-21	329	4.6	1.8	-2.9	2	J
18	467	14.0	100	J	6.8	13	300	3.2	-5.7	-1.0	2	J
19	465	12.5	78	J	7.5	25	295	2.8	-6.7	-0.0	1	J
20	457	12.1	86	J	6.0	41	282	0.9	-5.6	1.1	1	J
21	448	10.8	72	J	5.8	43	267	-0.2	-5.5	1.1	2	J
22	445	9.5	64	J	6.2	44	259	-0.8	-5.8	1.1	1	J
23	456	9.1	50	J	6.6	37	283	1.1	-5.9	0.4	3	J
24	451	8.9	45	J	6.9	50	256	-1.0	-6.2	1.9	2	J
					MAR. 5, 1988							65
	444	11.0	71	J	5.7	39	295	1.3	-3.7	0.6	4	J
	456	9.0	48	J	7.4	-11	335	6.5	-1.8	-2.8	1	J
	466	4.1	51	J	6.3	-6	349	6.2	-0.8	-1.1	1	J
	463	3.4	50	J	5.6	-2	354	5.5	-0.5	-0.4	1	J
	456	3.4	111	J	4.9	-1	337	4.2	-1.7	-0.6	2	J
	454	3.6	121	J	5.6	-8	324	4.3	-2.8	-1.6	1	J
	444	3.4	106	J	5.5	-6	318	4.0	-3.4	-1.4	1	J
					5.9	-2	316	4.2	-3.9	-1.0	1	J
	431	5.6	43	J	6.0	3	309	3.8	-4.6	-0.6	0	J
	421	6.7	34	J	5.8	4	304	3.2	-4.7	-0.6	1	J
	412	13.7	26	J	4.7	52	290	0.9	-3.1	2.7	2	J
	408	13.3	19	J	4.5	9	297	1.9	-3.8	-0.3	1	J
	405	11.5	19	J	4.0	-7	300	1.6	-2.6	-1.2	2	J
	390	10.2	19	J	3.9	11	286	1.0	-3.6	-0.5	1	J
	391	10.4	20	J	3.2	22	280	0.5	-3.1	0.0	1	J
	390	10.1	20	J	2.5	17	262	-0.3	-2.2	-0.3	1	J
	390	6.7	21	J	3.0	-33	155	-1.6	1.2	-0.7	2	J
	390	6.9	22	J	3.4	-37	133	-1.9	2.7	-0.8	0	J
					4.3	-45	124	-1.7	3.8	-1.2	0	J
					4.3	-39	120	-1.7	3.9	-0.7	0	J
					MAR. 6, 1988							66
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7												
8	388	13.7	18	J	5.2	-35	26	3.5	2.4	-2.2	2	J
9	385	15.0	19	J	5.0	-53	341	2.8	-0.0	-4.0	1	J
10	378	16.4	20	J	5.0	-40	335	3.3	-0.9	-3.3	2	J
11	386	8.3	21	J	6.2	-81	314	0.7	0.5	-6.1	1	J
12	374	11.3	21	J	5.8	-72	328	1.5	0.2	-5.5	1	J
13	376	14.1	23	J	5.6	-70	293	0.7	-0.6	-5.3	1	J
14	371	12.1	20	J	5.6	-71	271	0.0	-0.5	-5.5	0	J
15	370	11.3	20	J	5.1	-71	286	0.5	-0.2	-5.1	1	J
16	368	11.5	19	J	4.9	-65	318	1.5	0.1	-4.5	1	J
17	371	11.0	20	J	4.3	-55	335	2.1	0.3	-3.4	1	J
18	359	11.0	31	J	3.1	-46	353	1.4	0.5	-1.4	3	J
19	362	10.7	23	J	4.7	-34	28	3.2	2.7	-1.4	2	J
20	355	13.3	18	J	4.7	-32	314	2.5	-1.1	-3.2	2	J
21	333	11.9	20	J	4.3	17	197	-1.7	-0.7	0.2	4	J
22	338	9.8	22	J	4.9	-4	128	-2.9	3.3	1.8	1	J
23	338	11.3	23	J	4.9	-20	122	-2.4	4.1	0.8	1	J
24	335	10.2	16	J	4.8	-27	125	-2.5	4.1	0.2	1	J
					MAR. 7, 1988							67
	331	21.0	11	J	2.4	-4	178	-2.4	0.1	-0.1	0	J
	330	20.4	11	J	2.7	-1	183	-2.5	-0.1	-0.1	1	J
	329	20.7	12	J	3.2	29	196	-2.6	-1.1	1.3	1	J
	326	19.3	13	J	3.4	26	194	-2.9	-1.1	1.2	1	J
	327	15.8	11	J	3.1	11	176	-2.8	0.0	0.6	1	J
	326	14.9	12	J	3.1	-1	180	-2.9	0.0	-0.0	1	J
	330	15.4	12	J	3.2	-7	180	-3.2	0.1	-0.4	1	J
	381	40.4	86	J	4.8	-28	208	-3.4	-0.8	-2.6	2	J
	385	42.0	64	J	6.4	-57	220	-2.5	0.5	-5.4	3	J
	389	38.4	67	J	6.1	-7	253	-1.4	-3.6	-2.7	4	J
	383	44.0	46	J	8.5	58	261	-0.6	-6.7	3.3	4	J
	373	41.5	37	J	9.8	16	291	3.0	-7.8	-2.3	4	J
	374	41.7	28	J	10.7	31	280	1.3	-8.5	-0.4	6	J
	370	53.3	26	J	8.7	43	268	-0.2	-8.2	1.3	3	J
					MAR. 8, 1988							68
1	374	59.4	22	J	10.5	71	234	-1.9	-7.5	6.5	4	J
2	376	29.5	55	J	14.2	52	133	-5.8	-0.5	12.4	4	J
3	399	8.3	94	J	16.2	30	132	-9.3	5.0	12.1	2	J
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12												
13	491	11.9	235	J	11.2	-33	132	-5.6	7.2	-3.9	5	J
14	490	11.0	242	J	10.8	-25	123	-5.1	8.7	-2.3	3	J
15	488	9.3	183	J	12.0	-5	124	-6.5	9.6	1.8	2	J
16	483	9.8	200	J	11.1	-10	127	-6.4	8.6	1.0	2	J
17	483	10.2	180	J	12.1	-2	132	-8.0	8.4	3.0	2	J
18	481	10.4	154	J	12.6	10	136	-8.6	6.7	5.5	3	J
19	511	11.4	249	J	10.9	-21	112	-3.2	8.5	0.8	6	J
20	484	11.9	212	J	10.9	11	141	-7.6	4.4	4.8	4	J
21	490	12.4	224	J	10.3	0	138	-6.8	5.2	3.3	4	J
22	476	12.1	172	J	10.7	8	158	-8.7	2.2	3.1	5	J
23	483	11.7	162	J	10.6	15	147	-7.3	2.6	4.6	5	J
24	492	12.1	163	J	10.4	18	143	-6.8	2.7	5.2	5	J
					MAR. 9, 1988							69
	500	10.4	173	J	10.9	35	144	-6.2	0.8	6.9	6	J
	510	10.2	170	J	10.8	24	128	-4.8	3.4	6.2	7	J
	489	10.3	150	J	11.0	34	176	-8.2	-2.3	5.1	5	J
	480	9.9	161	J	11.4	-8	193	-10.1	-1.4	-2.4	4	J
	486	11.2	195	J	10.3	-18	184	-7.7	0.5	-2.5	6	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAR. 14, 1988							74
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21												
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23												
24	606	8.4	315	J								
					MAR. 15, 1988							75
631	7.9	287	J									
610	7.1	289	J	8.1	7	137	-4.5	3.2	2.9	5	J
622	7.3	323	J	8.1	0	119	-3.1	4.9	2.8	5	J
622	7.5	312	J	8.7	22	122	-3.3	3.5	4.6	5	J
610	6.9	252	J	8.6	45	154	-4.4	-0.1	5.4	5	J
590	6.7	223	J	8.1	-6	152	-6.1	3.3	0.5	4	J
620	6.2	297	J	8.3	-8	109	-1.4	4.0	0.7	7	J
571	6.2	151	J	8.6	19	161	-6.8	1.6	3.0	4	J
587	6.0	223	J	9.0	-8	127	-3.8	5.1	0.3	6	J
591	6.3	194	J	8.0	11	122	-2.6	3.9	1.8	6	J
572	5.8	140	J	7.6	26	162	-5.4	1.1	3.1	4	J
605	5.2	172	J	8.0	1	123	-3.0	4.5	1.1	6	J
628	5.1	227	J	7.3	-1	92	-0.2	5.8	1.2	4	J
594	5.2	190	J	8.0	9	120	-3.6	5.7	2.7	3	J
608	5.6	199	J	7.5	34	121	-2.8	3.4	4.8	4	J
614	5.8	223	J	7.0	23	141	-2.9	1.7	2.3	6	J
					MAR. 16, 1988							76
1	622	4.4	180	J	4.9	9	90	0.0	3.0	2.8	3	J
2	599	4.7	162	J	5.5	-60	167	-2.2	2.6	-3.1	3	J
3	583	5.2	152	J	5.2	-11	130	-1.7	2.0	0.6	4	J
4	585	5.3	149	J	5.4	-7	114	-1.4	3.0	1.1	4	J
5	571	5.2	129	J	5.6	45	144	-2.3	0.4	3.3	4	J
6	574	5.0	124	J	5.1	29	184	-2.4	-0.6	1.2	4	J
7	565	5.4	122	J	5.3	-36	143	-2.6	2.7	-1.7	3	J
8	578	5.3	116	J	5.5	-49	126	-1.6	3.0	-2.4	3	J
9	571	5.2	109	J	5.3	-46	135	-2.0	2.7	-2.4	3	J
10	549	4.9	108	J	5.4	-27	151	-3.6	2.4	-1.6	3	J
11	562	4.5	120	J	5.5	-33	141	-3.2	3.1	-2.1	2	J
12	546	5.1	156	J	5.8	17	163	-4.4	1.0	1.7	3	J
13	561	4.6	104	J	5.7	78	166	-1.0	-0.9	4.8	3	J
14	555	4.4	80	J	6.1	65	158	-2.3	-0.4	5.3	2	J
15	555	5.1	98	J	6.0	46	127	-2.3	1.7	4.6	3	J
16	562	4.8	93	J	5.5	63	167	-1.8	-0.8	3.5	4	J
17	548	5.2	94	J	5.7	43	170	-3.4	-0.7	3.2	3	J
18	546	5.0	136	J	5.5	21	148	-3.2	1.2	2.2	3	J
					MAR. 17, 1988							77
520	3.4	58	J	6.0	-28	164	-4.5	2.3	-1.6	3	J
504	4.4	69	J	5.6	0	159	-4.6	1.6	0.7	3	J
504	4.1	78	J	5.4	15	167	-4.6	0.5	1.6	2	J
504	4.2	75	J	5.1	6	171	-3.9	0.5	0.6	3	J
519	4.3	86	J	5.6	30	149	-2.4	0.9	1.9	5	J
515	4.3	82	J	6.1	36	189	-4.3	-1.4	2.9	3	J
511	4.3	66	J	6.3	1	181	-5.4	-0.1	0.1	3	J
511	4.3	64	J	5.9	-18	164	-4.8	1.7	-1.3	3	J
522	4.4	88	J	5.3	-6	155	-3.4	1.6	-0.1	4	J
565	4.6	119	J	5.0	35	79	0.7	2.9	3.3	2	J
518	4.2	79	J	5.1	10	149	-3.7	2.0	1.3	2	J
513	4.8	83	J	5.3	13	148	-4.0	2.1	1.8	2	J
517	4.8	87	J	5.5	-10	151	-4.4	2.6	-0.0	2	J
547	4.7	99	J	5.0	12	102	-0.8	3.3	2.3	3	J
518	4.0	69	J	5.1	5	142	-3.8	2.5	1.6	2	J
520	4.0	77	J	5.2	11	140	-3.5	2.2	2.2	2	J
511	4.0	73	J	4.9	-10	163	-4.0	1.4	-0.0	2	J
509	4.1	64	J	5.0	16	165	-4.0	0.3	1.6	3	J
524	4.2	102	J	4.2	68	123	-0.5	-0.7	2.5	3	J
494	3.9	88	J	4.6	6	139	-2.9	1.9	1.8	2	J
480	3.9	90	J	4.9	-2	158	-4.3	1.5	0.8	1	J
					MAR. 18, 1988							78
1	475	3.7	92	J	4.9	-4	169	-4.5	0.9	0.2	2	J
2	477	4.4	81	J	5.3	-12	145	-4.1	3.0	0.6	2	J
3	472	4.3	83	J	5.0	7	146	-3.9	2.0	1.8	1	J
4												
5												
6												
7												
8	472	3.6	66	J	5.0	-6	185	-4.6	-0.3	-0.6	2	J
9	471	4.7	89	J	5.4	4	153	-3.9	1.9	0.8	3	J
10	469	4.3	66	J	5.3	-17	158	-4.5	2.1	-1.1	2	J
11	460	4.2	41	J	5.5	-2	163	-5.1	1.6	0.1	1	J
12	452	4.4	42	J	5.6	-3	166	-5.1	1.3	-0.0	2	J
13	454	4.4	41	J	5.5	-5	158	-4.9	2.0	-0.0	1	J
14	463	4.7	59	J	5.5	-5	154	-4.5	2.2	0.1	2	J
15	458	4.5	40	J	5.7	-15	166	-5.2	1.6	-1.0	2	J
16	455	4.2	41	J	5.6	-13	162	-5.0	1.9	-0.6	2	J
17	451	4.0	48	J	5.8	-20	179	-4.7	0.7	-1.5	3	J
18	459	4.4	82	J	4.8	-8	148	-3.4	2.1	0.4	3	J
19	485	5.4	105	J	5.4	25	85	0.3	2.5	3.4	3	J
20	457	5.0	72	J	5.6	-8	148	-4.4	2.7	0.8	2	J
21	445	4.5	91	J	4.8	0	201	-3.9	-1.3	-0.8	2	J
22	447	4.6	95	J	4.7	-5	168	-4.1	0.9	0.2	2	J
23	450	4.7	104	J	4.5	1	137	-3.0	2.3	1.7	2	J
24	460	5.1	66	J	4.6	-9	99	-0.6	3.6	1.7	2	J
					MAR. 19, 1988							79
440	5.4	105	J	4.8	2	132	-2.9	2.6	1.9	2	J
457	5.5	55	J	5.0	-17	79	0.7	3.9	1.0	3	J
433	5.2	63	J	4.9	-16	148	-2.8	2.0	0.1	3	J
438	5.4	72	J	4.4	-17	130	-2.2	2.8	0.3	3	J
432	6.3	94	J	4.5	-1	129	-2.8	3.2	1.4	1	J
397	4.7	91	J	4.5	-10	150	-3.8	2.3	-0.3	1	J
387	4.7	56	J	4.4	-14	157	-3.9	1.9	-0.7	1	J
382	4.5	32	J	4.2	-10	165	-4.0	1.2	-0.5	1	J
379	4.3	56	J	4.1	3	174	-4.0	0.4	0.3	1	J
378	3.7	47	J	4.0	12	188	-3.5	-0.7	0.6	1	J
378	4.6	29	J	4.4	7	157	-3.8	1.4	1.0	1	J
				4.5	-5	153	-3.7	1.9	0.3	1	J
377	4.2	36	J	4.5	-8	172	-4.4	0.8	-0.3	1	J
373	4.4	34	J	4.4	-1	172	-4.4	0.6	0.2	1	J
369	4.0	28	J	4.3	2	147	-3.6	2.0	1.2	1	J
373	5.5	31	J	4.3	-13	157	-3.8	1.9	0.0	1	J
368	6.0	38	J	4.6	-4	182	-4.4	0.0	-0.3	1	J
365	5.1	44	J	4.5	17	195	-3.7	-1.5	0.4	2	J
361	4.5	75	J	4.2	8	175	-3.9	-0.0	0.7	1	J
365	4.8	56	J	4.5	-3	154	-3.8	1.6	0.9	1	J
					MAR. 20, 1988							80
1	362	4.8	89	J	4.3	9	163	-3.9	0.6	1.2	1	J
2	367	5.4	46	J	4.5	26	148	-3.2	0.7	2.6	2	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	354	7.6	58	J	4.3	-32	208	-3.0	-1.1	-2.4	1	J
13	360	8.0	46	J	3.9	-23	138	-1.8	1.8	-0.6	3	J
14	356	8.7	53	J	4.5	-5	125	-2.3	3.2	0.5	2	J
15	362	8.9	35	J	5.5	19	98	-0.7	4.2	3.1	2	J
16	365	9.1	29	J	6.6	21	80	1.0	4.7	4.1	2	J
17	363	8.9	26	J	6.4	14	81	1.0	5.0	3.7	1	J
18	358	9.1	40	J	5.1	13	97	-0.6	3.6	2.9	2	J
19	358	9.2	46	J	4.6	-14	108	-1.0	3.2	0.8	3	J
20	351	9.7	54	J	4.9	9	109	-1.4	3.2	2.7	2	J
21	341	9.0	40	J	4.6	18	136	-2.8	1.6	2.5	2	J
22	348	8.6	31	J	4.9	-1	102	-0.9	3.4	2.3	3	J
23	340	8.2	26	J	5.3	8	102	-1.1	3.7	3.5	1	J
24	334	8.9	21	J	5.5	9	111	-1.7	3.3	3.2	2	J
					MAR. 21, 1988							81
333	8.0	17	J	5.5	-11	116	-2.4	4.6	1.8	1	J
327	7.6	26	J	5.0	-2	105	-1.2	3.9	2.3	1	J
337	7.9	18	J	4.9	7	118	-2.2	3.3	2.5	1	J
314	6.5	28	J	4.9	11	137	-3.4	2.4	2.3	1	J
316	12.2	43	J	4.2	12	148	-3.5	1.9	1.4	0	J
315	12.0	45	J	4.4	9	145	-3.6	2.2	1.4	1	J
314	12.2	33	J	4.8	5	134	-3.3	3.0	1.5	1	J
308	13.0	28	J	4.8	-14	147	-3.8	2.7	-0.1	1	J
311	14.8	30	J	4.5	-23	141	-3.1	3.0	-0.4	1	J
313	15.2	30	J	4.7	-25	143	-2.9	2.7	-0.4	2	J
321	17.1	22	J	4.9	0	67	1.6	3.3	2.0	2	J
333	16.0	23	J	6.3	18	48	3.9	2.6	3.9	2	J
333	20.0	22	J	5.7	-22	118	-2.4	4.8	0.9	2	J
336	20.3	24	J	4.9	-54	150	-2.0	2.8	-2.0	3	J

MAR. 22, 1988 — 82

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	340	16.2	24	J	6.0	-34	148	-4.1	3.9	-1.3	2	J
2	323	19.3	17	J	5.5	28	321	1.9	-1.9	0.3	5	J
3	319	19.6	16	J	6.3	30	343	5.0	-2.8	1.8	2	J
4	326	22.3	19	J	6.3	34	42	3.5	1.4	4.3	3	J
5					3.3	25	87	0.1	1.9	2.2	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

MAR. 27, 1988 — 87

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
11	411	20.0	54	J								
12	410	21.6	38	J	9.4	6	169	-9.1	1.5	1.3	1	J

MAR. 28, 1988 — 88

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1					7.8	-17	342	6.8	-0.6	-3.1	2	J
2					7.9	8	303	3.3	-4.8	-1.9	5	J
3					7.4	-2	350	6.4	-0.9	-0.8	3	J
4					7.8	4	357	6.8	-0.5	0.3	4	J
5					7.6	-16	359	6.4	0.6	-1.7	4	J
6					7.2	-30	15	5.4	2.5	-2.5	3	J
7					7.4	-8	343	6.6	-1.6	-1.6	2	J
8					7.2	-15	339	5.7	-1.7	-2.2	4	J
9					7.5	-15	333	6.1	-2.6	-2.5	2	J
10					7.4	-29	327	4.6	-2.3	-3.6	4	J
11					7.0	-34	337	5.0	-1.3	-4.0	3	J
12					6.9	-44	6	4.8	1.5	-4.4	2	J
13					7.1	-11	334	5.0	-2.1	-1.6	4	J
14					7.6	7	339	5.3	-2.1	0.2	5	J
15					7.4	16	4	5.2	-0.1	1.5	5	J
16					7.8	61	251	-0.7	-3.0	2.8	7	J
17					8.8	19	18	6.9	1.1	3.2	4	J
18					9.3	-15	264	-0.8	-6.0	-5.2	5	J
19	487	7.5	105	J	9.3	-35	295	2.7	-3.0	-6.8	5	J
20	492	7.2	80	J	9.1	-19	278	1.1	-5.5	-6.5	3	J
21	493	8.2	78	J	8.6	0	267	-0.4	-7.0	-4.5	2	J
22	481	9.0	110	J	7.7	3	271	0.1	-5.8	-3.5	3	J
23	483	9.6	91	J	7.3	0	263	-0.8	-5.4	-3.7	3	J
24	457	8.3	88	J	7.3	-14	291	2.5	-4.5	-5.2	1	J

MAR. 29, 1988 — 89

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
3	406	6.5	36	J	8.4	-11	325	6.7	-3.3	-3.7	1	J
4	399	6.9	56	J	8.4	-9	329	7.0	-3.2	-3.1	1	J
5	396	8.6	73	J	7.9	-13	330	6.6	-2.8	-3.1	1	J
6	413	11.2	63	J	7.6	-28	327	5.1	-1.9	-4.2	3	J
7	430	15.5	69	J	10.0	-13	296	3.8	-6.8	-4.3	5	J
8	436	17.6	52	J	10.8	23	265	-0.7	-8.3	1.1	7	J
9	403	15.7	52	J	11.2	-46	346	7.4	0.1	-8.1	2	J
10	418	15.8	69	J	11.0	-38	321	4.3	-2.5	-5.0	8	J
11	433	15.0	84	J	10.9	26	255	-2.3	-9.4	2.5	4	J
12	420	11.2	40	J	12.9	28	210	-9.6	-6.6	4.6	3	J
13	423	10.4	50	J	12.7	5	233	-7.5	-9.9	-1.1	2	J
14	415	10.6	51	J	11.2	-3	239	-5.7	-9.0	-2.9	2	J
15	416	10.6	48	J	10.9	-16	235	-5.8	-7.2	-5.2	2	J
16	413	13.5	33	J	9.7	-19	245	-3.8	-6.6	-5.6	2	J
17	406	17.8	47	J	9.1	-6	275	0.7	-7.1	-3.8	4	J
18	407	22.8	36	J	8.4	-31	271	0.1	-4.5	-6.8	2	J
19	413	30.2	25	J	8.1	-34	227	-4.2	-2.0	-5.9	3	J
20	410	31.7	24	J	9.2	5	195	-8.6	-2.4	-0.5	2	J
21	407	34.4	37	J	10.0	25	198	-8.1	-4.4	1.9	3	J
22	410	32.7	49	J	10.0	27	187	-8.2	-3.2	2.9	4	J
23	400	27.9	65	J	9.2	-4	230	-5.5	-5.0	-4.2	3	J
24	391	23.8	77	J	10.7	-8	244	-4.3	-6.6	-6.2	4	J

MAR. 30, 1988 — 90

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	396	20.7	48	J	12.8	54	128	-3.9	-0.6	10.0	7	J
2	415	7.6	74	J	11.4	-39	302	4.6	-2.6	-9.8	3	J
3												
4												
5												
6												
7	430	7.8	128	J	8.8	-5	289	2.6	-7.0	-3.0	4	J
8	425	7.8	134	J	8.0	19	310	4.0	-5.2	0.8	5	J
9	430	9.0	135	J	7.8	62	36	2.7	0.4	6.6	3	J
10	427	9.0	148	J	8.0	45	334	4.3	-3.1	4.3	4	J
11	445	9.6	116	J	7.8	-21	299	3.3	-5.3	-3.8	3	J
12	450	9.0	95	J	7.4	-20	312	4.3	-4.2	-3.3	3	J
13	448	9.4	95	J	6.8	9	322	5.1	-4.1	0.1	1	J
14	458	9.3	71	J	6.1	7	311	3.8	-4.4	-0.4	2	J
15	454	8.8	70	J	6.0	11	321	4.1	-3.5	0.0	3	J
16	457	8.8	59	J	5.7	10	319	4.1	-3.7	-0.3	1	J
17	459	11.5	51	J	5.2	9	317	3.6	-3.4	-0.6	2	J
18	455	17.6	39	J	3.8	56	298	0.9	-2.7	1.8	2	J
19	453	19.8	38	J	2.2	-15	352	0.8	0.0	-0.2	2	J
20	449	16.4	58	J	3.8	-30	144	-2.1	2.1	-0.5	2	J
21	455	24.3	39	J	2.8	-3	313	1.8	-1.5	-1.1	1	J
22	458	27.5	32	J	2.9	27	313	1.6	-2.1	0.0	1	J
23	457	26.4	33	J	3.0	-52	193	-1.1	0.6	-1.4	3	J
24	461	17.7	67	J	3.4	-37	202	-2.0	0.2	-1.8	2	J

MAR. 31, 1988 — 91

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	461	17.4	67	J	3.2	-12	146	-1.9	1.3	0.3	3	J
2	454	16.3	72	J	4.4	17	136	-2.1	1.2	1.8	3	J
3	445	12.5	76	J	5.1	-26	277	0.3	-1.5	-2.1	5	J
4	424	9.3	55	J	6.5	-19	297	2.7	-3.8	-4.2	2	J
5	412	8.0	33	J	6.8	-10	307	4.0	-4.4	-3.2	1	J
9	429	11.9	45	J	4.1	56	323	1.8	-2.1	3.0	1	J
10	429	11.3	55	J	5.4	44	319	2.7	-3.0	2.8	2	J
11	422	10.7	99	J	6.1	5	305	3.5	-5.0	-0.5	1	J
12	436	10.9	61	J	6.0	3	304	3.2	-4.8	-0.7	1	J
14	412	10.6	33	J	5.1	3	343	4.7	-1.4	-0.1	1	J
15	416	9.9	37	J	5.5	-10	325	4.2	-2.6	-1.7	2	J
16	426	8.5	49	J	5.4	-19	326	4.0	-2.0	-2.5	2	J
17	420	6.8	50	J	5.7	-7	312	3.7	-3.6	-2.2	1	J
18	418	7.1	35	J	5.4	-7	320	4.0	-2.8	-2.0	1	J
19	410	7.9	30	J	4.8	0	322	3.7	-2.5	-1.4	1	J
20	419	9.3	43	J	4.8	14	305	2.4	-3.5	-0.9	2	J
21					5.9	2	321	4.5	-3.2	-1.8	1	J
23	393	13.4	36	J	4.7	-3	317	3.4	-2.5	-2.0	1	J
24	398	10.5	41	J	5.8	1	325	4.6	-2.7	-1.7	1	J

APR. 1, 1988 — 92

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	408	7.5	24	J	6.2	3	312	4.0	-3.9	-2.2	1	J
2	400	7.3	34	J	6.1	-18	331	5.0	-1.4	-3.0	1	J
3	397	7.3	35	J	6.1	-17	329	4.9	-1.7	-3.0	1	J
4	400	7.3	36	J	5.8	13	309	3.3	-4.2	-0.7	2	J
5	394	7.6	47	J	5.6	23	313	3.2	-3.9	0.5	2	J
6												
7												
8												
9												
10												
11	414	7.8	25	J	7.4	53	283	1.0	-5.4	4.9	1	J
12	413	8.8	27	J	7.4	47	275	0.4	-5.9	4.2	2	J
13	408	13.0	43	J	6.1	22	285	1.2	-4.7	0.8	4	J
14	399	13.7	59	J	5.4	-18	329	4.2	-2.0	-2.1	2	J
15	377	10.2	40	J	6.4	-14	342	5.4	-1.3	-1.9	2	J
16	401	11.1	39	J	6.3	-28	282	1.0	-3.4	-3.8	4	J
17	406	13.1	41	J	6.6	1	252	-0.7	-2.0	-0.8	6	J
18	408	5.9	45	J	9.1	-24	334	7.4	-1.7	-4.9	2	J
19												
20												
21												
22												
23												
24					8.9	27	311	5.1	-7.1	-0.0	2	J

APR. 2, 1988 — 93

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	420	5.7	66	J	8.3	28	305	3.9	-6.6	-0.0	3	J
3	438	5.8	135	J	7.7	-36	360	6.1	2.1	-3.9	2	J
13					8.0	-16	336	6.8	-2.5	-2.7	2	J
14					7.3	-6	329	4.9	-2.7	-1.3	4	J
15					7.5	11	322	4.1	-3.4	0.1	5	J
16					6.8	-3	334	5.7	-2.5	-1.2	2	J
17					6.6	68	279	0.2	-2.5	2.6	5	J
18					6.6	6	290	2.0	-5.2	-1.8	3	J
19					6.6	0	270	-0.0	-4.8	-2.6	4	J

APR. 3, 1988 — 94

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												
2												
3					6.1	-67	314	0.6	0.5	-2.0	6	J
4					6.4	9	278	0.8	-5.4	-2.0	3	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 9, 1988 — 100

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												
2												
3												
4												
5												
6					8.1	5	110	-2.3	5.6	3.0	4	J
7					8.1	15	132	-3.9	3.6	3.0	5	J
8												
9												
10					8.1	-6	147	-5.4	3.6	0.1	5	J
11					9.4	-3	126	-4.9	6.7	0.9	4	J
12					8.5	-20	113	-2.8	7.0	-1.4	3	J
13					8.3	27	158	-6.2	1.8	3.8	4	J
14												
15	476	6.5	107	J	9.2	-11	105	-2.1	7.9	0.3	4	J
16	494	5.3	112	J	9.0	18	133	-5.3	4.8	4.0	4	J
17	496	4.3	118	J	8.3	-24	125	-3.8	6.1	-1.1	4	J
18												
19												
20												
21												
22												
23												
24												

APR. 10, 1988 — 101

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												
2												
3	552	6.4	147	J	8.4	-5	126	-4.3	5.5	2.2	4	J
4	578	6.8	150	J	8.7	-23	88	0.2	7.5	0.3	4	J
5	532	6.5	148	J	8.6	44	160	-5.3	-0.3	5.8	4	J
6	544	6.8	155	J	8.7	17	118	-3.4	5.2	4.2	4	J
7	553	6.8	144	J	8.2	20	137	-4.1	3.1	3.1	6	J
8	565	7.6	206	J	7.1	-27	165	-2.8	1.1	-1.2	6	J
9	553	7.3	245	J	6.8	-16	126	-3.1	4.5	-0.6	4	J
10	546	6.9	209	J	6.6	10	188	-5.3	-0.9	0.8	4	J
11	545	6.7	185	J	6.5	14	166	-4.2	0.8	1.3	5	J
12	571	6.5	151	J	6.5	41	153	-3.8	1.2	4.0	3	J
13	618	6.3	307	J	6.7	-39	142	-3.1	3.0	-2.6	4	J
14					6.1	3	172	-3.2	0.4	0.3	5	J
15	594	4.2	257	J	5.9	3	140	-2.7	2.1	0.8	5	J
16	578	4.9	71	J	6.8	21	142	-4.3	2.6	3.1	3	J
17	576	4.3	72	J	6.8	11	143	-5.1	3.1	2.6	2	J
18					6.6	17	159	-5.6	1.2	2.6	2	J
19	588	4.5	68	J	7.6	21	156	-6.5	1.3	3.7	1	J
20												
21												
22												
23												
24												

APR. 11, 1988 — 102

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 12, 1988 — 103

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1	519	4.1	81	J	5.6	-22	158	-4.5	2.6	-0.7	2	J
2	513	3.8	60	J	5.9	-25	162	-4.9	2.6	-1.3	1	J
3	508	3.7	66	J	6.1	-24	166	-5.2	2.3	-1.5	1	J
4	509	4.0	62	J	5.6	-12	147	-4.3	3.0	0.2	2	J
5												
6												
7												
8												
9	520	6.8	103	J	5.7	55	187	-1.8	-0.7	2.4	5	J
10	516	6.4	100	J	6.6	21	163	-3.7	0.8	1.7	5	J
11	521	6.9	116	J	6.7	-5	120	-3.2	5.5	0.4	2	J
12	526	5.8	122	J	6.9	-28	156	-4.8	2.6	-2.4	3	J
13	526	5.0	120	J	6.9	3	161	-6.0	2.0	0.7	3	J
14	549	5.8	155	J	6.2	-25	150	-3.9	2.7	-1.6	4	J
15	557	6.0	157	J	5.7	-7	141	-3.6	3.0	0.2	3	J
16	549	6.0	143	J	5.6	1	153	-4.3	2.0	0.8	3	J
17	553	6.1	135	J	5.5	-28	185	-4.7	0.5	-2.5	1	J
18	553	6.2	164	J	4.7	34	123	-1.5	1.3	2.6	3	J
19	561	6.1	139	J	4.3	44	87	0.1	0.6	1.7	4	J
20	561	5.9	120	J	5.1	-3	101	-0.6	2.7	1.4	4	J
21					5.0	51	156	-1.8	-0.6	2.5	4	J
22					4.6	-8	151	-3.4	1.9	0.6	2	J
23					4.4	9	151	-3.0	1.1	1.4	3	J
24	528	5.6	178	J	4.8	-7	158	-4.1	1.7	0.4	2	J

APR. 13, 1988 — 104

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

APR. 14, 1988 — 105

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1	511	3.9	56	J	4.9	-24	183	-4.4	0.8	-1.8	1	J
2	514	4.2	55	J	4.7	-11	163	-4.2	1.5	-0.1	1	J
3	510	4.2	58	J	4.6	-6	147	-3.6	2.3	0.7	2	J
4	524	4.2	93	J	4.0	-31	165	-3.1	1.5	-1.4	2	J
5	524	4.0	108	J	4.5	-11	149	-3.8	2.4	0.1	1	J
6												
7												
8												
9												
10												
11												
12	508	5.0	61	J	4.7	17	160	-4.1	1.2	1.6	0	J
13	504	5.0	58	J	4.8	11	161	-4.3	1.3	1.1	1	J
14	509	4.9	59	J	4.2	3	183	-3.7	-0.2	0.1	2	J
15	506	5.3	67	J	5.1	25	157	-3.8	1.1	2.2	2	J
16	508	5.4	81	J	5.2	5	139	-3.8	3.0	1.4	1	J
17	505	4.9	71	J	5.0	1	147	-4.0	2.4	1.0	1	J
18	504	4.9	66	J	5.1	-14	140	-3.6	3.2	0.2	2	J
19	525	5.6	93	J	4.1	4	98	-0.5	3.1	1.9	2	J
20	513	5.3	69	J	4.2	-13	124	-2.0	3.0	0.7	2	J
21	514	6.4	78	J	4.3	-34	113	-1.1	3.3	-0.3	3	J
22	514	6.5	69	J	5.4	-39	159	-2.2	1.7	-1.1	5	J
23	501	5.8	67	J	5.5	41	80	0.5	1.1	3.8	4	J
24	494	6.5	72	J	5.1	37	1	3.9	-1.5	2.5	1	J

APR. 15, 1988 — 106

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 16, 1988							107
1												
2					7.0	33	39	4.3	1.3	4.8	2	J
3					7.5	25	23	6.1	0.9	3.9	1	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 21, 1988							112
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					335	39.3	17	J				
19					336	37.5	19	J				
20					333	37.4	22	J				
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 22, 1988							113
1												
2	334	18.9	42	J								
3	335	31.4	37	J								
4	345	27.4	55	J								
5	344	20.7	41	J								
6	338	17.8	80	J								
7	333	15.7	61	J								
8	336	15.6	75	J								
9	354	15.7	63	J								
10	351	15.0	98	J								
11	346	14.7	89	J								
12	332	15.6	93	J								
13												
14												
15	486	16.5	293	J								
16	502	24.1	174	J								
17	455	34.7	92	J								
18	444	53.2	188	J								
19												
20												
21	462	10.9	78	J								
22	456	7.8	72	J								
23	465	10.6	113	J								
24	484	10.6	131	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 23, 1988							114
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	489	34.4	134	J								
16	461	29.8	98	J								
17	453	27.1	33	J								
18	449	18.1	20	J								
19	449	17.9	20	J								
20	447	16.4	19	J								
21	433	11.4	63	J								
22	447	8.0	119	J								
23	492	12.8	320	J								
24	493	10.9	210	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 24, 1988							115
1												
2												
3												
4												
5												
6												
7	429	4.6	94	J	4.4	7	325	3.6	-2.6	-0.1	0	J
8	426	4.3	62	J	4.5	23	332	3.6	-2.2	1.3	1	J
9	416	4.3	36	J	4.8	12	330	4.1	-2.5	0.6	1	J
10	418	5.4	42	J	4.6	59	3	2.1	-0.4	3.4	2	J
11	419	6.4	41	J	4.1	54	340	2.2	-1.2	3.1	1	J
12	409	6.6	47	J	4.5	43	319	2.3	-2.4	2.6	2	J
13	387	6.0	67	J	5.3	11	358	5.0	-0.3	0.9	2	J
14	383	5.4	49	J	5.2	-8	347	4.7	-0.9	-0.9	2	J
15	391	6.1	62	J	5.8	2	333	4.6	-2.3	-0.4	2	J
16	410	5.4	27	J	6.3	41	310	3.0	-4.5	2.9	2	J
17	401	5.1	28	J	6.5	28	319	4.3	-4.5	1.6	1	J
18	400	5.4	35	J	6.5	23	320	4.4	-4.4	0.9	1	J
19	398	5.5	37	J	6.6	4	318	4.4	-3.8	-1.3	3	J
20	391	5.8	39	J	6.1	-8	318	4.3	-3.1	-2.6	1	J
21	393	6.2	35	J	5.8	-2	311	3.7	-3.6	-2.3	2	J
22	397	6.7	27	J	5.2	-17	309	3.0	-2.4	-3.2	1	J
23	396	7.7	35	J	5.0	-8	305	2.8	-3.1	-2.7	0	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 25, 1988							116
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 26, 1988							117
1	348	17.8	18	J	3.6	-14	344	3.2	-0.4	-1.2	1	J
2	359	17.5	20	J	3.5	-6	308	2.0	-2.1	-1.5	1	J
3	360	16.8	19	J	3.8	-7	309	2.2	-2.3	-1.6	1	J
4	358	15.9	24	J	3.7	-2	326	2.5	-1.5	-0.7	2	J
5	361	12.4	34	J	2.4	20	179	-1.5	-0.2	0.5	2	J
6												
7												
8												
9												
10												
11	334	16.0	14	J	3.0	-16	278	0.4	-2.6	-1.1	1	J
12	337	16.1	16	J	2.0	-7	264	-0.2	-1.4	-0.4	2	J
13	335	16.1	14	J	1.7	-7	177	-1.2	0.1	-0.1	1	J
14	325	14.9	13	J	2.0	18	278	0.3	-1.9	0.3	1	J
15	323	14.7	13	J	2.2	3	279	0.3	-2.1	-0.4	1	J
16	321	15.4	13	J	2.5	29	304	1.1	-1.9	0.6	1	J
17	311	16.7	14	J	1.8	21	292	0.6	-1.5	0.1	1	J
18	310	15.1	16	J	2.4	26	28	1.6	0.5	1.1	1	J
19	301	14.1	12	J	2.5	53	341	0.7	-0.7	0.8	2	J
20	300	11.7	10	J	3.6	-1	241	-1.7	-2.8	-1.5	0	J
21	297	12.7	11	J	3.2	24	253	-0.7	-2.6	-0.2	2	J
22	289	12.6	15	J	2.8	9	300	1.3	-2.1	-0.8	1	J
23	290	12.3	17	J	3.2	24	318	1.8	-2.0	0.1	2	J
24	286	12.5	17	J	3.6	20	332	2.9	-1.9	0.3	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 27, 1988							118
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 28, 1988							119
1	307	52.7	24	J	7.8	20	251	-2.3	-7.0	-1.0	2	J
2	304	50.2	20	J	6.6	10	252	-1.8	-5.3	-1.6	4	J
3	310	44.3	28	J	5.5	37	278	0.4	-3.2	0.7	5	J
4	308	36.3	27	J	9.3	15	272	0.3	-8.4	-1.0	4	J
5	307	33.5	35	J	10.2	-66	214	-3.1	0.8	-8.6	4	J
6												
7												
8												
9												
10												
11												
12												
13												
14	326	27.3	52	J	7.1	17	285	0.9	-3.4	0.5	6	J
15	320	32.8	44	J	7.6	57	237	-1.6	-3.4	4.0	5	J
16	313	33.2	40	J	8.5	38	136	-4.8	3.1	6.2	2	J
17	313	33.7	36	J	7.0	-15	127	-3.7	5.2	-0.0	3	J
18	314	23.6	39	J	7.7	-40	113	-2.2	6.5	-2.5	2	J
19	315	18.2	40	J								
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 4, 1988							125
	328	10.1	52	J								
	343	10.3	38	J	7.1	-11	281	1.2	-5.2	-3.2	3	J
	330	10.8	46	J								
	348	9.8	41	J								
	347	10.1	46	J								
	344	9.7	43	J								
	335	15.1	32	J								
	337	21.9	21	J								
	330	14.5	32	J								
	323	11.0	38	J								
	312	9.3	40	J								
	325	15.5	35	J	4.2	29	109	-1.0	2.7	2.1	2	J
	354	27.8	31	J	4.4	15	127	-2.1	2.6	1.4	3	J
	352	29.4	30	J	4.8	33	85	0.3	3.0	3.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 5, 1988							126
1												
2												
3	336	14.1	43	J	5.3	-16	114	-2.0	4.6	0.4	2	J
4	338	14.8	43	J	5.4	58	165	-2.3	-0.7	3.7	3	J
5	335	15.1	49	J	5.9	26	158	-4.6	1.1	2.8	2	J
6	332	17.0	67	J	5.8	4	182	-5.3	-0.3	0.3	2	J
7	342	18.8	62	J	5.8	-12	136	-3.4	3.5	-0.3	3	J
8												
9	359	23.4	69	J	7.8	-33	108	-1.9	6.4	-3.3	3	J
10	360	21.4	46	J	11.2	-49	112	-2.7	7.3	-7.5	3	J
11	359	17.6	35	J	13.7	-54	119	-3.7	7.6	-10.0	4	J
12	358	9.9	41	J	15.3	-20	122	-7.4	12.3	-4.0	3	J
13	367	14.2	54	J	13.7	-9	128	-6.6	8.5	-0.8	9	J
14	375	27.8	96	J	7.1	42	140	-3.6	2.5	4.7	4	J
15	378	18.8	65	J	14.8	74	213	-3.1	-4.2	12.3	7	J
16	377	18.2	53	J	17.7	73	188	-5.0	-4.4	15.9	4	J
17	376	17.7	34	J	20.6	56	125	-6.4	4.1	18.5	5	J
18	362	17.0	46	J	20.6	17	128	-11.8	12.2	10.6	5	J
19	355	16.8	44	J	20.1	11	129	-12.3	12.5	9.4	3	J
20	351	18.9	42	J	19.0	-9	133	-12.7	13.5	3.2	3	J
21	359	18.5	60	J	17.2	-26	121	-7.8	14.9	-0.6	4	J
22	343	20.5	54	J	15.2	-29	142	-10.4	10.6	-2.6	2	J
23	366	24.6	75	J	20.4	-46	136	-9.8	15.1	-7.9	5	J
24	350	21.4	58	J	20.6	-49	191	-12.8	4.8	-14.4	6	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 6, 1988							127
	349	19.4	57	J	18.3	-44	217	-10.3	-1.3	-14.7	4	J
	577	19.7	745	J	28.7	-4	117	-11.5	22.3	3.7	13	J
	631	18.5	1067	J	25.2	18	112	-6.7	15.1	8.8	17	J
	645	15.8	924	J	21.1	-42	133	-10.4	13.1	-12.0	5	J
	666	13.5	729	J	19.8	-48	150	-11.4	8.2	-13.8	2	J
	651	13.2	499	J	18.5	-35	168	-14.7	4.1	-10.2	3	J
	647	10.8	386	J	18.0	-32	187	-15.0	-1.1	-9.5	3	J
	624	11.3	392	J	16.2	-25	189	-14.1	-1.7	-6.8	4	J
	606	11.7	408	J	17.0	-41	153	-11.1	6.7	-10.2	4	J
	613	10.2	368	J	18.4	-41	169	-13.3	4.1	-11.4	4	J
	611	21.4	220	J	18.3	-45	160	-11.5	6.2	-11.3	6	J
	608	18.1	198	J	19.5	-38	146	-12.7	11.0	-9.7	2	J
	597	19.1	162	J	19.4	-22	135	-12.2	13.7	-3.3	6	J
	587	20.5	157	J	17.0	-4	143	-12.7	9.4	2.1	6	J
	586	13.3	117	J	14.6	-19	157	-12.4	6.6	-2.3	4	J
	605	7.4	107	J	9.9	-13	181	-9.4	0.8	-2.0	2	J
	606	7.4	103	J	10.2	-2	187	-9.5	-0.9	-0.8	4	J
	599	5.6	78	J	10.2	5	154	-8.7	3.3	2.7	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 7, 1988							128
1	622	3.6	94	J	10.5	19	137	-7.1	4.4	6.0	2	J
2	611	3.7	96	J	10.5	8	143	-8.2	5.0	3.9	1	J
3	599	4.1	106	J	10.7	14	146	-8.4	4.3	4.5	2	J
4	606	3.8	152	J	10.6	2	148	-8.9	5.1	2.2	1	J
5												
6												
7												
8	591	7.6	221	J	9.8	42	161	-6.4	1.3	6.3	3	J
9	580	7.0	169	J	9.8	33	150	-6.8	3.3	5.5	3	J
10	575	7.3	180	J	9.3	39	145	-5.7	3.5	6.0	2	J
11	560	7.3	153	J	9.5	33	162	-7.3	2.0	5.2	2	J
12	574	7.6	194	J	8.3	18	150	-5.3	2.9	2.2	5	J
13	558	8.2	166	J	8.6	9	155	-6.9	3.1	1.5	4	J
14	567	7.3	226	J	8.8	36	137	-4.6	3.7	5.1	4	J
15	597	7.0	209	J	9.1	35	142	-4.5	2.8	4.5	6	J
16	624	6.5	250	J	8.0	14	106	-1.7	5.6	2.9	4	J
17	622	6.0	205	J	6.1	2	145	-3.7	2.4	0.9	4	J
18	645	4.2	144	J	5.3	-16	141	-3.0	2.6	-0.2	3	J
19	661	4.1	182	J	5.6	-42	116	-1.5	4.1	-1.7	3	J
20	658	3.7	159	J	5.2	-36	116	-1.5	3.7	-0.9	3	J
21	630	3.6	98	J	5.0	-6	155	-3.7	1.7	0.4	3	J
22	616	3.9	82	J	5.0	-6	152	-4.1	2.2	0.6	2	J
23	602	4.1	206	J	4.4	-29	184	-3.4	0.7	-1.8	2	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 8, 1988							129
	544	4.5	107	J	4.8	7	178	-4.8	0.1	0.6	1	J
	550	4.9	133	J	5.1	29	177	-4.0	0.0	2.2	2	J
	547	5.2	144	J	5.6	7	163	-4.7	1.4	0.7	2	J
	558	5.2	111	J	6.3	-27	168	-5.1	1.3	-2.5	2	J
	579	5.4	135	J	6.5	-10	127	-3.0	4.0	-0.5	4	J
	564	5.1	138	J	6.7	-13	143	-4.0	3.2	-0.8	4	J
	571	5.5	169	J	6.3	2	125	-2.6	3.7	0.8	4	J
	569	5.5	164	J	6.2	-48	178	-3.5	0.9	-3.8	3	J
	565	5.2	168	J	6.0	-40	171	-3.8	1.4	-2.9	3	J
	586	5.4	188	J	5.9	-22	107	-1.2	4.3	-0.3	4	J
	567	5.2	153	J	5.8	-18	125	-2.8	4.3	0.0	3	J
	560	5.2	125	J	5.7	5	131	-3.0	3.0	1.8	3	J
	575	5.0	128	J	5.6	-21	126	-2.4	3.7	0.1	3	J
	581	5.0	131	J	5.7	-35	129	-2.1	3.4	-0.9	4	J
	585	5.1	171	J	5.3	66	167	-0.7	-0.6	1.4	5	J
	559	4.5	110	J	5.9	25	207	-4.4	-3.0	1.0	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 9, 1988							130
1	558	4.5	123	J	5.7	48	190	-3.2	-2.1	3.0	3	J
2					5.2	42	176	-3.7	-1.1	3.2	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11	562	6.3	151	J	6.7	54	82	0.4	2.9	4.6	4	J
12	526	5.4	118	J	6.1	13	127	-2.9	3.8	1.4	4	J
13	506	5.3	105	J	6.4	5	145	-3.8	2.6	0.6	4	J
14	499	5.6	124	J	6.0	-10	178	-4.6	0.3	-0.8	4	J
15	521	6.1	139	J	7.0	2	110	-1.9	5.2	1.0	4	J
16	487	6.0	113	J	7.3	9	160	-6.2	2.0	1.5	3	J
17	494	5.5	103	J	7.1	-19	156	-5.1	2.7	-1.3	4	J
18	526	5.7	176	J	6.7	39	129	-2.1	1.6	3.4	5	J
19	510	5.3	150	J	6.9	14	148	-4.4	2.1	2.2	4	J
20	495	5.2	120	J	6.9	2	159	-5.5	1.8	1.1	3	J
21	505	5.5	122	J	7.4	4	138	-4.9	3.8	2.4	3	J
22	493	6.1	139	J	7.8	11	147	-6.0	2.8	3.0	3	J
23	526	6.3	144	J	8.3	26	116	-3.0	3.9	5.8	3	J
24	518	6.8	135	J	8.8	-6	128	-4.2	5.1	1.8	5	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 10, 1988							131
	498	6.6	107	J	9.4	-19	160	-6.7	3.2	-1.1	6	J
	477	6.6	80	J	9.7	-11	148	-7.7	5.1	0.3	3	J
	467	7.4	61	J	9.6	6	139	-6.9	5.2	3.1	3	J
	552	6.8	195	J	6.4	-16	209	-5.0	-2.7	-1.8	2	J
	557	6.0	166	J	6.9	8	221	-3.5	-3.1	0.4	5	J
	563	5.3	121	J	6.8	27	220	-2.8	-2.5	1.6	6	J
	539	4.9	162	J	6.1	18	172	-5.3	0.5	1.8	2	J
	542	5.0	145	J	6.5	-5	173	-6.0	0.8	-0.4	2	J
	559	5.1	91	J	7.1	-3	145	-5.6	3.9	0.7	2	J
	563	5.5	98	J	7.0	5	138	-4.6	3.8	1.8	3	J
	558	5.8	159	J	6.4	6	125	-3.4	4.3	2.4	2	J
	524	5.7	128	J	6.3	2	142	-4.5	3.1	1.6	3	J
	523	5.6	103	J	6.5	3	130	-4.0	4.1	2.4	2	J
	517	6.0	91	J	6.4	-7	137	-4.4	4.0	1.2	2	J
	517	5.6	68	J	6.2	3	125	-2.9	3.6	2.1	4	J
	552	4.6	79	J	6.6	12	74	1.7	4.6	3.8	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 11, 1988							132
1	518	4.7	80	J	5.9	-6	110	-1.8	4.8	1.7	2	J
2	521	4.9	79	J	5.4	46	109	-0.7	0.9	2.8	5	J
3	515	5.3	72	J	6.6	15	98	-0.8	4.8	3.5	3	J
4	506	4.7	66	J	6.0	-13	129	-3.3	4.3	0.1	3	J
5	502	4.5	84	J	5.5	-17	146	-4.2	3.1	-0.7	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 16, 1988							137
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					9.9	19	37	7.5	4.2	4.9	1	J
20	344	20.6	21	J	9.7	2	28	7.9	3.7	1.9	4	J
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 17, 1988							138
1	338	16.0	22	J								
2	330	15.3	24	J								
3	328	20.1	25	J								
4	317	21.9	29	J								
5	331	24.8	31	J								
6	337	20.9	43	J								
7	328	23.7	65	J								
8	331	18.6	45	J								
9	335	20.4	42	J								
10	351	20.8	40	J								
11	363	21.4	55	J								
12	388	15.2	72	J								
13	384	16.8	70	J								
14	383	17.7	78	J								
15	396	26.8	101	J								
16	409	20.0	108	J								
17	404	12.2	119	J								
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 18, 1988							139
1	444	5.5	213	J								
2	441	5.9	192	J								
3	447	5.1	106	J								
4	437	4.4	118	J								
5	449	4.4	91	J								
6	0	0.0	0	J								
7	468	4.3	62	J								
8	467	4.3	65	J								
9	469	4.5	66	J								
10												
11	477	4.1	50	J								
12	451	2.1	57	J								
13												
14	459	3.1	45	J								
15	465	3.5	65	J								
16	489	2.8	67	J								
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 19, 1988							140
1												
2												
3												
4												
5												
6	459	4.7	91	J								
7	463	5.2	96	J								
8	455	4.5	202	J								
9	452	5.1	177	J								
10	446	6.0	182	J								
11	442	5.0	165	J								
12	446	4.9	168	J								
13	443	4.9	88	J								
14	428	4.6	42	J								
15												
16	463	5.3	126	J								
17	465	5.0	113	J								
18	462	4.5	125	J								
19	453	4.9	124	J								
20	447	4.9	125	J								
21	462	5.1	115	J								
22	446	4.4	152	J	4.7	2	32	4.0	2.2	1.2	1	J
23	462	4.4	132	J	4.0	-14	46	2.4	2.6	0.2	2	J
24	461	5.2	160	J	3.9	9	349	3.1	-0.8	0.2	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 20, 1988							141
1	468	4.1	93	J	3.9	-49	306	1.2	-0.6	-2.9	2	J
2	473	4.1	94	J	3.7	-28	254	-0.8	-2.1	-2.5	1	J
3	466	4.8	215	J	4.6	-4	335	3.8	-1.6	-0.8	2	J
4					5.2	-24	341	4.3	-0.9	-2.4	1	J
5												
6												
7												
8	456	4.1	69	J	6.7	75	42	1.2	0.7	6.1	2	J
9	460	4.7	79	J	6.3	76	288	0.4	-1.4	5.2	3	J
10	433	3.5	71	J	7.0	43	355	4.5	-0.4	4.2	3	J
11	427	5.0	69	J	6.8	27	312	3.7	-4.1	2.8	3	J
12	412	5.0	64	J	7.3	18	22	5.8	2.3	2.0	3	J
13	423	3.6	49	J	8.0	26	34	5.7	3.8	3.4	3	J
14	433	4.7	63	J	7.3	25	20	4.3	1.4	2.2	5	J
15	419	4.8	87	J	6.7	-5	16	5.6	1.6	-0.4	3	J
16	411	4.6	73	J	6.7	-4	340	5.9	-2.1	-0.7	2	J
17	414	4.7	79	J	7.0	13	333	5.8	-3.2	0.9	2	J
18	424	5.4	75	J	7.2	30	325	5.0	-4.3	2.5	2	J
19	423	6.0	83	J	7.9	19	319	5.4	-5.2	0.9	2	J
20	405	5.3	76	J	7.6	-7	338	6.5	-2.2	-1.8	3	J
21	414	5.3	91	J	7.8	3	12	6.2	1.1	0.8	4	J
22	454	7.1	122	J	7.7	-13	90	0.0	3.2	0.6	7	J
23	478	7.3	97	J	6.9	2	130	-4.2	4.5	2.3	2	J
24	441	6.3	76	J	7.8	3	77	1.6	6.1	3.1	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 21, 1988							142
1					9.2	10	47	6.2	5.5	4.0	0	J
2												
3												
4												
5												
6												
7												
8												
9												
10	464	9.6	59	J	8.0	10	136	-5.6	5.4	1.4	1	J
11	466	11.0	72	J	8.2	13	134	-5.3	5.5	1.7	3	J
12	489	8.3	130	J	7.0	12	130	-4.0	4.8	1.3	3	J
13	498	9.8	126	J	5.7	-5	97	-0.6	4.7	-0.4	3	J
14	483	9.7	135	J	4.9	27	115	-1.4	3.0	1.8	3	J
15	481	9.8	138	J	5.4	35	134	-2.2	2.1	2.4	4	J
16	478	10.6	128	J	5.5	-36	127	-2.5	3.7	-2.5	2	J
17	466	10.2	91	J	6.0	19	114	-2.0	4.0	2.5	3	J
18	463	10.9	88	J	5.3	-14	98	-0.6	4.5	0.1	3	J
19	460	10.3	92	J	5.4	28	121	-2.2	2.8	3.3	2	J
20	455	11.3	107	J	5.6	14	169	-4.5	0.4	1.4	3	J
21	458	12.2	116	J	6.1	-11	118	-2.5	4.7	0.8	3	J
22	465	12.6	98	J	6.6	-1	106	-1.4	4.4	1.8	4	J
23	467	10.7	99	J	7.4	-45	147	-3.8	4.1	-3.1	4	J
24	503	9.2	141	J	5.3	-21	126	-1.9	2.9	-0.1	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 22, 1988							143
1	503	8.6	121	J	7.4	45	37	3.8	0.9	5.5	3	J
2	504	9.1	97	J	8.1	42	36	4.8	1.5	6.2	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11	491	7.0	65	J	7.1	-4	343	6.8	-2.1	-0.5	0	J
12	475	6.4	56	J	6.8	-15	351	6.4	-1.0	-1.7	1	J
13	457	5.5	50	J	5.6	-29	0	4.8	0.0	-2.7	1	J
14	438	5.3	50	J	4.5	-33	7	3.7	0.5	-2.4	1	J
15	437	4.6	28	J	5.0	-32	355	4.1	-0.2	-2.6	0	J
16	434	5.1	30	J	4.5	-31	354	3.8	-0.1	-2.4	1	J
17	426	5.7	37	J	4.1	-34	2	3.3	0.5	-2.2	1	J
18	406	5.8	45	J	3.3	-14	102	-0.5	2.3	0.0	3	J
19	415	6.7	40	J	3.1	-33	3	2.3	0.6	-1.4	1	J
20	413	7.1	45	J	3.4	-14	23	2.7	1.3	-0.3	2	J
21	397	8.2	49	J	3.4	19	65	1.2	1.9	1.8	2	J
22	397	8.8	45	J	3.5	56	72	0.5	0.4	2.6	2	J
23	388	9.8	41	J	3.8	77	184	-0.7	-1.3	2.9	2	J
24	384	10.0	32	J	4.9	73	231	-0.9	-2.7	3.7	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 23, 1988							144
1	389	11.6	26	J	5.0	47	282	0.7	-4.4	2.1	1	J
2	383	13.0	26	J	5.3	64	240	-1.1	-3.4	3.7	1	J
3	380	12.2	30	J	5.9	4	306	3.0	-4.0	-0.9	3	J
4	378	6.6	40	J	6.4	-22	328	5.0	-2.4	-3.1	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13	349	16.3	28	J	5.7	38	328	3.6	-2.2	3.3	2	J
14	353	18.2	21	J	4.9	25	307	2.7	-3.6	2.0	0	J
15	350	14.5	21	J	5.9	38	316	3.3	-3.4	3.3	1	J
16	348	14.9	21	J	6.2	28	308	3.4	-4.6	2.3	1	J
17	343	17.4	21	J	5.8	17	305	3.1	-4.7	0.8	1	J
18	341	15.8	22	J	6.3	10	309	3.8	-4.9	-0.1	2	J
19	344	16.1	24	J	6.8	18	297	2.9	-6.0	0.3	1	J
20	347	15.8	18	J	6.7	9	284	1.6	-6.4	-1.2	1	J
21	344	18.6	19	J	5.9	4	278	0.8	-5.5	-1.8	1	J
22	344	15.6	21	J	5.9	-27	286	1.3	-3.2	-3.9	3	J
23	337	13.2	21	J	6.4	-14	316	3.9	-2.9	-2.7	3	J
24	334	11.6	26	J	6.7	-2	308	3.8	-4.4	-2.0	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 24, 1988							145
1	316	10.7	32	J	6.7	0	329	5.6	-3.1	-1.2	1	J
2	329	11.6	25	J	6.9	5	306	3.9	-5.2	-1.2	2	J
3	324	10.1	20	J	7.8	13	308	4.7	-6.2	-0.1	1	J
4	325	10.4	22	J	7.9	14	301	3.8	-6.7	0.3	2	J
5	330	11.6	21	J	8.2	1	290	2.7	-7.4	-1.3	1	J
6	331	13.2	24	J	7.9	12	303	4.2	-6.6	0.7	1	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 29, 1988							150
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	325	28.5	39	J	5.0	25	291	1.0	-2.6	1.5	4	J
13	321	24.2	31	J	9.3	33	298	3.3	-5.9	4.8	4	J
14	322	25.2	43	J	8.2	23	302	3.3	-5.2	2.7	5	J
15	329	19.9	53	J	5.5	-33	331	3.2	-1.7	-2.4	4	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 30, 1988							151
1												
2	359	9.4	43	J	5.6	1	254	-1.5	-5.1	-1.5	1	J
3	364	11.7	45	J	6.0	11	274	0.4	-5.5	-0.4	2	J
4	372	20.4	34	J	8.6	2	281	1.6	-8.0	-1.4	2	J
5	385	29.4	51	J	8.6	33	273	0.3	-7.0	3.1	4	J
6	391	37.0	56	J	8.6	64	268	-0.1	-8.7	5.9	5	J
7	383	21.4	47	J	13.0	-27	95	-1.0	11.5	-5.1	3	J
8	375	20.4	42	J	13.4	-10	118	-6.0	11.2	-2.1	4	J
9	362	13.4	45	J	14.5	27	144	-9.9	7.4	6.1	4	J
10	373	13.0	50	J	14.6	21	129	-8.1	10.3	4.4	4	J
11	392	14.1	104	J	14.7	25	135	-8.7	9.1	5.2	5	J
12					14.0	16	124	-5.0	7.6	2.1	11	J
13					13.4	26	193	-11.4	-2.3	5.8	3	J
14					13.7	16	160	-12.2	4.5	3.6	2	J
15					10.7	12	157	-8.7	3.7	2.1	4	J
16					13.3	37	171	-10.3	1.0	8.0	2	J
17					12.6	26	156	-9.9	3.6	5.9	3	J
18					12.4	31	163	-10.2	1.8	6.9	1	J
19												
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 31, 1988							152
1												
2												
3												
4					9.8	16	129	-5.7	6.4	4.0	2	J
5					9.9	11	132	-6.2	6.6	2.8	2	J
6					9.5	10	137	-6.6	6.0	2.2	2	J
7					9.1	11	137	-6.2	5.7	1.9	2	J
8					9.3	11	138	-6.3	5.6	1.6	3	J
9					9.6	11	143	-7.0	5.3	1.5	4	J
10					10.4	26	128	-5.5	7.3	3.9	3	J
11					11.0	-10	126	-5.4	7.3	-2.2	6	J
12					9.1	2	126	-4.6	6.4	-0.2	4	J
13					9.4	21	130	-5.0	6.1	2.6	4	J
14					9.0	37	132	-4.2	4.8	4.6	5	J
15					9.1	16	135	-5.1	5.1	2.2	5	J
16					8.8	25	133	-4.6	4.7	3.5	5	J
17					8.0	12	134	-4.8	4.7	2.1	4	J
18					7.6	26	159	-5.1	1.4	3.0	4	J
19					7.1	11	150	-4.9	2.5	1.8	4	J
20					6.3	2	101	-1.0	4.6	1.6	4	J
21					6.0	28	176	-4.5	-0.5	2.4	3	J
22					5.8	2	140	-4.0	3.1	1.3	2	J
23					5.0	-8	107	-1.3	4.2	0.9	2	J
24					4.9	-10	111	-1.4	3.6	0.6	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 1, 1988							153
1					4.6	11	136	-3.0	2.5	1.7	2	J
2					5.0	20	152	-3.7	1.5	2.0	2	J
3												
4												
5												
6					4.8	21	178	-4.4	0.0	1.7	1	J
7					4.4	11	172	-3.9	0.5	0.8	2	J
8					4.6	-4	193	-4.1	-0.9	-0.3	2	J
9					4.8	-4	113	-1.6	3.7	-0.4	2	J
10					4.8	-6	109	-1.3	3.7	-0.7	3	J
11					4.9	-1	87	0.2	4.7	-0.5	2	J
12					5.0	4	103	-1.1	4.6	-0.0	2	J
13					5.0	3	131	-3.1	3.6	0.0	2	J
14					5.0	-20	164	-4.2	1.1	-1.6	2	J
15					5.3	-7	147	-4.2	2.7	-0.6	2	J
16					5.3	-13	158	-4.5	1.9	-1.0	2	J
17					5.3	-10	138	-3.5	3.2	-0.4	2	J
18					5.5	-10	173	-4.1	0.6	-0.6	4	J
19					5.5	-7	209	-4.5	-2.3	-1.2	2	J
20					5.5	11	191	-4.6	-1.1	0.6	3	J
21					5.5	17	153	-4.4	1.7	2.2	2	J
22					4.9	-3	175	-4.6	0.5	-0.1	2	J
23					4.9	-3	175	-4.4	0.4	-0.1	2	J
24					4.7	1	163	-4.2	1.2	0.5	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 2, 1988							154
1	432	3.4	40	J	5.2	-1	138	-3.2	2.8	0.8	3	J
2	438	3.3	59	J	5.2	38	140	-2.8	1.5	3.4	2	J
3	438	3.3	44	J	5.1	39	126	-2.0	2.0	3.3	3	J
4	491	3.6	53	J	5.2	14	55	2.6	3.4	1.8	2	J
5												
6												
7												
8	454	7.0	28	J	4.2	60	161	-2.0	0.7	3.6	0	J
9	438	7.3	42	J	3.1	31	320	0.7	-0.5	0.5	3	J
10	421	8.8	49	J	2.0	-13	340	1.6	-0.6	-0.4	1	J
11	419	7.5	41	J	3.5	-19	349	3.1	-0.7	-1.0	1	J
12	415	4.4	37	J	2.9	-10	357	2.6	-0.2	-0.4	1	J
13	415	4.4	36	J	3.1	-2	0	2.8	-0.0	-0.1	1	J
14	417	4.3	35	J	2.6	-4	3	2.4	0.1	-0.2	1	J
15	411	5.2	30	J	3.6	-5	12	3.3	0.7	-0.3	1	J
16	409	6.7	42	J	2.8	4	14	2.6	0.6	0.2	1	J
17	403	6.5	44	J	1.8	24	22	1.2	0.4	0.6	1	J
18	402	7.2	44	J	1.4	66	307	0.3	-0.5	0.9	1	J
19	401	9.4	34	J	1.0	66	306	0.2	-0.5	0.7	0	J
20	407	7.8	37	J	1.7	17	13	1.4	0.2	0.5	1	J
21	402	7.5	43	J	2.4	-17	342	1.9	-0.4	-0.8	1	J
22	395	8.1	45	J	2.5	-24	360	1.7	0.3	-0.7	2	J
23	402	6.2	38	J	3.4	29	65	0.8	1.2	1.5	3	J
24	379	5.2	31	J	4.0	45	139	-1.8	0.7	2.7	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 3, 1988							155
1	367	4.8	42	J	4.1	10	158	-3.7	1.2	1.1	1	J
2	363	4.1	51	J	4.5	37	171	-3.5	-0.2	2.7	1	J
3	360	4.3	80	J	4.3	17	159	-3.8	1.1	1.6	1	J
4	354	4.2	96	J	4.3	13	160	-3.9	1.2	1.2	0	J
5					4.3	13	155	-3.8	1.6	1.2	0	J
6												
7												
8												
9												
10	349	4.9	23	J	3.6	-3	120	-1.6	2.7	-0.4	1	J
11	345	5.3	24	J	3.6	6	106	-0.9	3.3	0.0	1	J
12	350	5.4	24	J	3.8	27	96	-0.3	3.1	1.3	2	J
13	338	5.8	23	J	3.8	39	158	-2.6	1.2	2.2	1	J
14	338	7.1	18	J	4.1	16	148	-3.2	2.0	1.0	1	J
15	342	8.5	24	J	4.2	15	131	-2.7	3.1	1.1	1	J
16	344	10.2	29	J	3.8	14	145	-2.9	2.0	1.0	1	J
17	339	12.0	20	J	2.8	6	140	-2.0	1.6	0.5	1	J
18	337	16.7	15	J	2.1	20	302	1.0	-1.8	0.4	0	J
19	337	17.4	15	J	1.9	23	309	1.0	-1.4	0.4	1	J
20	336	17.0	15	J	2.1	18	313	1.3	-1.5	0.2	0	J
21	334	17.3	12	J	1.7	17	311	1.1	-1.3	0.1	0	J
22	330	16.0	10	J	1.8	17	304	1.0	-1.5	0.0	1	J
23	321	14.0	13	J	2.3	12	329	1.9	-1.3	0.1	0	J
24	321	13.1	12	J	2.7	13	323	2.0	-1.6	0.1	0	J

JUN. 4, 1988 — 156

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	315	13.7	12	J	2.3	2	314	1.6	-1.6	-0.4	1	J
2	312	14.8	19	J	2.7	12	327	2.1	-1.5	0.2	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	304	15.1	13	J	4.5	1	322	3.0	-2.3	0.2	2	J
15	304	16.9	13	J	4.1	-57	37	1.7	1.2	-3.2	1	J
16	300	14.9	17	J	4.5	-4	325	3.1	-2.2	-0.4	2	J
17	299	12.8	17	J	4.9	-10	309	2.9	-3.5	-1.2	1	J
18												
19												
20												
21												
22												
23												
24												

JUN. 5, 1988 — 157

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3	306	15.8	18	J	4.3	46	119	-1.3	1.7	3.2	2	J
4	305	15.1	18	J	4.2	36	93	-0.1	1.5	1.6	4	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	333	17.8	26	J	9.3	23	35	6.8	4.8	3.4	2	J
15	332	18.1	34	J	9.4	19	29	7.3	3.9	3.0	3	J
16	318	17.3	45	J	10.4	15	344	9.5	-3.0	2.4	2	J
17	322	15.8	43	J	10.4	-12	331	8.3	-4.2	-2.7	4	J
18	325	17.0	48	J	10.2	-15	22	8.3	3.8	-1.6	4	J
19	335	21.4	36	J	10.8	-42	314	4.1	-2.7	-6.2	7	J
20	343	23.4	35	J	8.5	-43	247	-2.3	-3.6	-7.0	2	J
21	346	23.8	32	J	8.5	-30	238	-3.8	-4.5	-5.8	2	J
22	347	21.3	27	J	9.6	-32	246	-3.1	-5.1	-6.7	3	J
23	327	22.0	14	J								
24												

JUN. 6, 1988 — 158

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	330	23.8	15	J								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 12, 1988 — 164

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 13, 1988 — 165

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5	384	12.4	22	J	10.7	64	111	-1.6	3.7	9.5	3	J
6	399	8.0	22	J	11.7	68	73	1.3	4.0	10.7	2	J
7	384	7.8	26	J	11.8	41	102	-1.8	8.8	7.2	3	J
8	373	8.1	21	J	11.3	34	106	-2.5	9.3	5.4	2	J
9	366	8.4	20	J	10.5	33	118	-4.1	8.3	4.7	1	J
10	363	7.6	25	J	10.2	31	134	-6.0	6.9	4.2	2	J
11	347	7.8	26	J	10.3	18	142	-7.6	6.4	2.1	2	J
12	350	6.8	25	J	10.3	22	135	-6.6	7.2	2.6	2	J
13	352	6.9	23	J	10.0	15	132	-6.3	7.3	1.4	2	J
14	344	7.2	24	J	9.8	15	141	-7.3	6.2	1.8	1	J
15	337	7.3	18	J	9.6	3	147	-7.8	5.1	0.1	2	J
16	332	7.5	20	J	9.3	8	143	-7.3	5.5	1.2	1	J
17	328	7.0	19	J	9.2	3	147	-7.7	5.0	0.7	1	J
18	324	6.5	20	J	9.1	2	149	-7.8	4.6	0.8	1	J
19	327	6.8	19	J	9.3	-8	139	-6.8	6.0	-0.3	2	J
20	321	6.9	20	J	9.2	-11	146	-7.4	5.2	-0.7	1	J
21	320	6.6	20	J	9.4	-11	149	-7.8	5.0	-0.6	1	J
22	324	6.7	22	J	9.4	-19	150	-7.6	5.0	-1.8	2	J
23	340	7.2	33	J	9.7	-22	149	-7.5	5.3	-2.2	2	J
24	332	8.4	18	J	10.2	-37	163	-7.7	3.8	-5.3	1	J

JUN. 14, 1988 — 166

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	331	9.4	22	J	10.9	-49	174	-6.9	2.5	-7.6	2	J
2	337	9.9	19	J	11.7	-52	185	-7.2	1.2	-9.2	1	J
3	339	10.8	18	J	11.8	-58	212	-5.3	-1.7	-10.3	2	J
4												
5												
6												
7	374	44.1	50	J	6.2	52	298	1.7	-2.9	4.7	2	J
8	375	37.2	50	J	9.9	-4	282	1.9	-8.9	0.2	4	J
9	382	21.2	61	J	13.1	-38	272	0.3	-9.6	-5.6	7	J
10	406	13.5	134	J	12.4	20	297	4.4	-8.0	4.8	7	J
11	413	12.0	213	J	11.8	12	289	3.3	-9.2	3.8	5	J
12	394	8.6	155	J	11.7	5	306	6.2	-8.3	2.4	5	J
13	408	9.4	248	J	11.9	-4	294	4.3	-9.7	0.8	5	J
14	418	9.1	207	J	13.9	34	276	1.2	-10.1	9.0	3	J
15	415	8.5	172	J	13.2	23	283	2.6	-10.8	5.9	4	J
16	448	8.4	203	J	13.0	15	270	-0.0	-12.0	3.6	4	J
17	424	10.1	287	J	11.8	-2	285	2.8	-10.6	-0.7	4	J
18	395	9.4	213	J	10.1	-3	327	7.0	-4.5	-0.9	5	J
19	418	9.1	241	J	9.3	-7	304	4.6	-6.6	-2.0	4	J
20	432	8.0	263	J	8.4	3	286	2.1	-7.2	-1.0	3	J
21	418	7.6	245	J	7.8	-7	301	3.8	-6.0	-2.4	2	J
22	442	8.1	220	J	7.4	1	305	3.8	-5.3	-1.3	3	J
23	460	6.4	136	J	7.5	9	306	4.2	-5.9	-0.4	1	J
24	478	6.1	162	J	7.1	10	289	2.2	-6.5	-0.4	2	J

JUN. 15, 1988 — 167

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	467	6.4	150	J	7.4	1	317	5.2	-4.7	-1.0	2	J
2	472	5.7	143	J	6.8	-9	1	6.4	0.3	-1.0	2	J
3	482	6.1	134	J	8.2	-15	18	7.3	2.7	-1.7	2	J
4	470	5.5	113	J	8.3	-7	13	7.9	1.9	-0.8	1	J
5	471	5.8	140	J	8.4	-5	16	7.9	2.3	-0.6	1	J
6												
7												
8												
9	457	3.4	55	J	6.2	-1	332	5.4	-2.9	0.3	1	J
10	457	3.6	54	J	6.4	-3	339	5.9	-2.3	0.0	1	J
11	457	3.8	56	J	6.0	-1	338	5.5	-2.2	0.3	1	J
12												
13	460	3.2	67	J	5.9	17	312	3.5	-3.6	2.2	2	J
14	456	3.5	68	J	5.9	12	321	4.3	-3.3	1.6	1	J
15	463	3.6	66	J	6.2	12	314	4.1	-4.2	1.7	1	J
16	445	3.5	74	J	6.6	-2	323	5.1	-3.9	-0.1	1	J
17	455	3.5	67	J	6.3	17	317	4.3	-4.0	1.7	2	J
18	466	3.0	57	J	6.5	16	297	2.7	-5.5	1.3	1	J
19	493	3.7	55	J	6.6	21	267	-0.3	-5.8	1.3	3	J
20	472	3.3	64	J	6.8	5	275	0.5	-6.2	-0.6	2	J
21	452	3.1	65	J	7.1	9	290	2.2	-6.2	-0.4	3	J
22	432	2.8	49	J	7.2	-8	295	2.8	-5.5	-2.3	3	J
23	460	3.1	36	J	7.2	-9	268	-0.2	-6.2	-2.7	2	J
24	445	2.4	35	J	7.2	-24	278	0.9	-5.3	-4.1	2	J

JUN. 16, 1988 — 168

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	434	2.0	46	J	6.8	-19	285	1.6	-5.3	-3.3	2	J
2	440	2.5	41	J	6.4	-10	292	2.2	-5.2	-2.0	2	J
3	437	2.5	46	J	6.8	-5	293	2.6	-6.0	-1.4	1	J
4	397	2.0	41	J	7.1	2	321	5.4	-4.4	-0.2	1	J
5	405	2.1	38	J	7.2	13	317	4.8	-4.5	1.3	3	J
6												
7												
8												
9												
10												
11	379	3.5	63	J	7.4	-3	315	5.2	-5.1	0.6	1	J
12	379	3.5	50	J	7.6	-9	321	5.8	-4.8	-0.3	1	J
13	381	3.6	43	J	7.6	-1	313	5.0	-5.4	0.8	2	J
14	402	3.7	45	J	7.7	4	305	4.3	-6.1	1.4	1	J
15	398	4.4	56	J	7.0	0	307	4.0	-5.3	0.5	2	J
16	391	4.9	56	J	6.5	-5	315	4.1	-4.1	-0.3	3	J
17					6.4	1	302	3.3	-5.3	0.0	1	J
18	404	4.2	59	J	6.4	-1	295	2.6	-5.6	-0.5	2	J
19	411	4.6	63	J	6.3	5	289	2.0	-6.0	-0.3	1	J
20	416	4.7	69	J	6.4	3	292	2.3	-5.7	-0.7	1	J
21	394	4.8	92	J	6.5	-16	316	4.2	-3.6	-2.5	2	J
22	396	4.6	81	J	6.5	-7	308	3.8	-4.5	-1.9	2	J
23	411	4.6	82	J	6.4	-12	303	3.2	-4.5	-2.4	2	J
24	430	5.6	103	J	6.3	-7	271	0.1	-4.2	-1.6	4	J

JUN. 17, 1988 — 169

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	418	6.5	100	J	7.1	29	238	-2.9	-5.1	2.0	3	J
2	394	6.8	115	J	7.5	-26	295	2.7	-5.2	-4.1	2	J
3	397	7.3	115	J	7.7	-11	259	-1.1	-5.4	-1.8	5	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	401	5.6	76	J	7.0	17	344	6.4	-2.2	1.7	1	J
21	399	5.5	82	J	6.9	9	343	6.3	-2.1	0.6	1	J
22	396	6.0	101	J	7.0	3	333	6.1	-3.1	-0.4	2	J
23	392	5.7	84	J	6.8	-10	350	6.4	-0.8	-1.4	2	J
24	394	6.7	95	J	7.0	-13	346	6.3	-1.2	-1.8	2	J

JUN. 18, 1988 — 170

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	402	7.0	94	J	7.0	-4	339	6.3	-2.3	-1.0	2	J
2	392	6.9	87	J	7.3	-8	346	6.6	-1.5	-1.2	2	J
3	389	6.3	64	J	7.6	-9	347	6.8	-1.4	-1.3	3	J
4	386	6.2	63	J	8.2	-7	340	7.5	-2.6	-1.2	2	J
5	397	6.7	67	J	8.8	2	327	7.4	-4.8	0.2	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	444	13.0	124	J	8.1	36	127	-2.5	2.6	3.6	6	J
22	466	9.6	144	J	6.0	-28	220	-1.7	-1.1	-1.5	6	J
23	480	8.4	154	J	4.2	62	176	-1.5	-0.6	2.9	3	J
24	482	8.1	129	J	4.1	-18	225	-1.9	-1.7	-1.3	3	J

JUN. 19, 1988 — 171

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	467	9.0	113	J	4.8	-27	199	-3.5	-0.8	-2.1	2	J
2	461	9.8	97	J	4.8	-26	182	-3.7	0.2	-1.8	2	J
3	459	10.6	101	J	5.3	-27	171	-4.2	0.9	-2.1	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUN. 24, 1988 — 176

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7	513	20.1	134	J	10.2	41	49	5.0	5.1	6.1	2	J
8	510	17.6	77	J	8.9	50	15	5.4	2.2	6.4	2	J
9	506	18.5	78	J	8.3	56	17	4.0	2.2	5.9	3	J
10	507	18.0	60	J	8.6	52	53	3.1	5.4	5.6	2	J
11	515	14.7	164	J	8.4	58	351	4.1	0.9	6.7	3	J
12	510	13.7	155	J	8.8	39	13	6.3	2.7	4.7	3	J
13	519	9.8	101	J	10.5	5	18	9.3	3.1	0.1	4	J
14	497	7.7	98	J	9.5	-26	57	3.0	3.9	-3.7	7	J
15	523	5.1	61	J	10.4	-26	56	5.2	6.6	-6.0	1	J
16	511	5.6	50	J	9.9	-29	65	3.5	6.7	-5.7	3	J
17	507	6.2	45	J	9.8	-27	66	3.4	7.2	-5.1	2	J
18												
19												
20												
21												
22												
23												
24												

JUN. 25, 1988 — 177

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4	460	26.4	24	J	11.0	-25	212	-8.1	-5.0	-4.6	3	J
5	456	14.1	23	J	11.4	-19	211	-9.2	-5.6	-3.5	2	J
6	463	9.9	30	J	12.5	-19	208	-9.6	-5.4	-3.3	5	J
7	522	10.0	51	J	11.5	-3	279	1.6	-10.3	0.8	5	J
8	515	10.9	39	J	11.8	-11	280	1.9	-10.8	-0.2	4	J
9	504	12.0	36	J	11.6	-32	277	1.0	-9.3	-3.4	6	J
10	461	16.1	30	J	10.7	14	241	-4.8	-7.8	4.4	4	J
11	451	21.2	23	J	11.3	8	236	-6.2	-8.5	3.8	1	J
12					11.6	14	234	-6.5	-8.0	4.9	2	J
13	449	17.9	22	J	11.8	25	231	-6.7	-6.8	6.8	2	J
14	433	12.5	26	J	12.2	23	226	-7.7	-6.9	6.3	1	J
15	426	11.9	25	J	12.5	28	219	-8.5	-5.8	6.9	2	J
16	412	15.3	22	J	12.6	2	207	-10.8	-5.4	1.0	4	J
17	423	17.0	24	J	12.7	-21	218	-8.8	-7.1	-3.9	4	J
18	417	17.0	28	J	12.5	15	194	-9.7	-2.5	2.7	7	J
19	425	13.7	49	J	12.3	55	159	-6.5	1.8	10.1	2	J
20												
21												
22												
23												
24												

JUN. 26, 1988 — 178

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7	401	7.0	83	J	9.3	-25	118	-3.8	6.6	-4.7	2	J
8	398	5.4	76	J	9.6	0	112	-2.7	6.6	-1.2	6	J
9	402	4.8	61	J	9.8	15	107	-2.7	9.3	0.5	1	J
10	399	4.4	64	J	10.0	16	114	-3.8	9.0	0.5	2	J
11	392	4.0	49	J	10.1	6	120	-5.0	8.6	-1.2	1	J
12	387	4.7	46	J	10.2	6	113	-3.9	9.2	-1.4	2	J
13	380	2.9	34	J	11.0	2	117	-5.0	9.6	-2.0	1	J
14	372	2.5	21	J	11.4	3	113	-4.4	10.2	-1.6	2	J
15	373	2.4	22	J	11.2	6	116	-4.8	9.9	-0.6	2	J
16	393	3.1	41	J	11.3	10	108	-3.4	10.6	0.7	1	J
17	383	3.6	40	J	11.0	0	117	-4.8	9.3	-0.5	3	J
18	383	5.8	40	J	13.1	-25	135	-8.1	8.2	-5.3	3	J
19	409	11.5	130	J	10.6	-26	133	-6.1	6.8	-3.9	5	J
20	397	5.3	27	J	15.1	-39	133	-7.9	9.4	-8.4	3	J
21	384	6.6	23	J	13.9	-45	155	-8.8	5.5	-9.1	2	J
22												
23												
24												

JUN. 27, 1988 — 179

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8	367	4.1	59	J	5.9	12	133	-3.8	4.2	0.4	2	J
9	377	3.5	42	J	6.6	10	126	-3.7	5.2	-0.1	2	J
10	390	6.1	27	J	6.4	2	118	-2.9	5.3	-1.1	2	J
11	372	2.9	35	J	6.7	-6	122	-3.5	5.2	-2.1	1	J
12	373	3.1	33	J	6.3	-4	118	-3.0	5.2	-1.9	1	J
13	379	3.1	38	J	6.3	-16	119	-2.9	4.7	-3.0	1	J
14	387	3.0	61	J	6.2	-12	122	-3.2	4.7	-2.4	1	J
15	384	2.7	38	J	6.0	-16	117	-2.6	4.8	-2.6	0	J
16	386	3.2	39	J	5.5	-13	108	-1.5	4.4	-1.7	3	J
17	383	2.8	33	J	5.9	-25	115	-2.2	4.6	-2.8	1	J
18	374	4.1	23	J	6.3	-9	98	-0.8	5.7	-0.9	2	J
19	376	5.9	25	J	6.3	-26	117	-2.4	4.8	-2.3	2	J
20	380	11.1	31	J	4.8	-45	136	-2.3	2.6	-3.0	2	J
21	379	17.9	28	J	4.0	-50	86	0.2	3.0	-2.7	1	J
22	377	17.5	26	J	3.9	-23	55	1.6	2.5	-0.8	2	J
23	369	16.4	19	J	4.0	-41	97	-0.4	3.4	-2.1	1	J
24	376	17.2	23	J	3.0	-45	81	0.3	2.2	-1.7	1	J

JUN. 28, 1988 — 180

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	373	16.8	22	J	3.0	-48	28	1.7	1.1	-1.9	1	J
2	379	14.7	28	J	3.4	-58	47	1.1	1.5	-2.5	1	J
3	375	14.8	24	J	2.7	-28	89	0.0	2.3	-1.0	1	J
4	367	13.4	18	J	2.4	-50	76	0.4	1.4	-1.8	1	J
5	364	13.1	17	J	2.7	-40	104	-0.5	1.9	-1.8	1	J
6												
7												
8												
9												
10												
11	373	9.9	24	J	6.8	-46	153	-4.2	1.0	-5.3	1	J
12	381	8.9	27	J	6.5	-39	131	-3.2	2.5	-4.7	2	J
13	368	7.1	41	J	6.3	-27	140	-4.3	2.7	-3.7	1	J
14	363	8.5	37	J	5.5	-25	140	-3.7	2.4	-3.0	1	J
15	365	9.8	30	J	5.0	-34	136	-2.9	2.0	-3.3	1	J
16	365	13.0	39	J	4.3	-27	156	-3.4	1.0	-2.2	1	J
17	362	12.4	33	J	4.7	-11	151	-4.0	2.0	-1.3	1	J
18	348	7.6	36	J	5.7	8	144	-4.1	3.0	0.3	2	J
19	341	7.7	30	J	5.1	14	138	-3.2	2.9	0.9	3	J
20	338	8.6	30	J	5.3	32	163	-3.6	1.1	2.4	3	J
21	335	8.6	28	J	5.9	15	140	-4.1	3.4	1.6	2	J
22	338	8.7	23	J	5.5	-18	135	-3.6	3.7	-1.3	1	J
23	337	10.1	26	J	5.5	-20	137	-3.4	3.3	-1.3	2	J
24	370	13.2	35	J	6.5	24	93	-0.3	5.0	3.2	2	J
	372	15.1	33	J	7.0	19	91	-0.1	5.7	3.0	3	J
	375	16.4	36	J	7.6	8	90	0.0	6.4	1.9	3	J

JUN. 29, 1988 — 181

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	377	19.6	51	J	8.2	15	94	-0.5	6.6	2.7	4	J
2	372	21.9	42	J	9.0	32	103	-1.6	6.4	5.0	4	J
3	350	25.0	83	J	9.1	-7	178	-7.6	0.3	-0.9	5	J
4	346	27.0	84	J	9.9	-18	167	-8.7	2.0	-2.9	3	J
5					15.4	-27	182	-10.5	-0.6	-5.3	10	J
6												
7												
8												
9												
10					22.6	-2	296	9.8	-19.6	4.8	3	J
11												
12												
13					21.1	-1	300	9.8	-16.6	3.7	8	J
14					19.0	-4	292	6.8	-16.8	2.0	5	J
15					18.6	-6	284	3.8	-15.3	0.5	10	J
16					15.7	-6	303	7.6	-11.8	-0.5	7	J
17					13.2	-13	315	8.6	-8.7	-2.7	4	J
18					11.8	-23	318	7.5	-6.6	-4.6	4	J
19					11.6	-22	307	6.2	-7.9	-4.9	3	J
20					10.7	-16	343	9.1	-2.4	-3.0	4	J
21					10.6	-11	348	8.3	-1.5	-1.9	6	J
22					9.5	-5	349	7.9	-1.4	-0.9	5	J
23					8.8	5	345	6.3	-1.7	0.3	6	J
24												

JUN. 30, 1988 — 182

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				8.6	-1	352	6.8	-0.9	-0.2	5	J
				8.0	-38	353	4.8	-0.3	-3.8	5	J
				7.7	-27	343	5.9	-1.7	-3.2	3	J
				7.6	-1	334	5.8	-2.8	-0.1	4	J
				9.7	-20	328	7.6	-5.5	-1.8	1	J
				9.5	-29	325	6.5	-5.6	-3.0	3	J
524	3.3	95	J	9.6	-48	348	5.7	-2.7	-6.0	4	J
517	5.6	84	J	9.3	-56	8	4.5	-0.7	-6.8	4	J
514	6.9	94	J	10.1	-34	63	3.5	6.0	-6.1	4	J
520	6.4	125	J	9.3	-38	4	5.9	0.0	-4.6	5	J
509	8.1	98	J	8.9	-33	330	6.2	-3.7	-4.6	2	J
505	8.3	117	J	8.8	-12	329	6.4	-3.8	-1.7	4	J
503	7.4	130	J	8.7	42	291	1.9	-5.3	4.3	5	J
532	8.3	162	J	7.4	4	359	6.6	-0.2	0.4	3	J
491	6.8	135	J	7.6	31	353	3.3	-0.7	1.9	6	J
521	7.5	184	J	7.6	-2	352	6.6	-0.9	-0.4	3	J
499	7.2	128	J	6.2	-22	8	5.0	1.0	-1.9	3	J
518	7.8	216	J								

JUL. 1, 1988 — 183

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	544	6.7	150	J	6.8	-23	1	5.8	0.4	-2.4	3	J
2	570	6.0	132	J	6.4	-6	316	3.8	-3.6	-0.8	4	J
3	571	5.3	126	J	5.7	-2	323	4.2	-3.1	-0.3	2	J
4	640	5.3	160	J	5.0	42	197	-2.3	-0.7	2.2	4	J
5	614	5.2	144	J	5.5	5	303	2.6	-3.9	0.7	3	J
6					5.2	-15	313	3.3	-3.7	-0.9	1	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

JUL. 6, 1988 — 188

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				3.8	-65	347	1.3	-0.7	-2.8	2	J
				3.3	-36	8	2.5	-0.0	-1.9	1	J
				6.4	-32	142	-4.2	2.1	-4.2	1	J
				7.0	-28	144	-4.9	2.3	-4.2	1	J
				9.1	-26	149	-6.3	2.4	-4.6	3	J
				10.0	-42	147	-5.4	1.5	-6.6	6	J
				6.1	-31	140	-3.7	2.2	-3.7	2	J
				6.8	19	154	-5.2	2.9	1.3	2	J
				7.0	11	150	-5.4	3.3	0.6	2	J

JUL. 7, 1988 — 189

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3	333	8.4	18	J	7.6	-1	290	2.5	-7.0	-0.1	1	J
4	331	9.5	20	J	7.4	-25	282	1.3	-6.4	-2.7	2	J
5	326	10.1	29	J	8.1	-15	299	3.6	-6.6	-1.3	3	J
6	315	10.8	34	J	8.1	1	310	5.1	-6.0	1.1	1	J
7	318	11.9	33	J	8.5	-19	308	4.7	-6.4	-1.3	3	J
8	321	13.1	35	J	8.9	-46	319	4.6	-5.5	-5.1	2	J
9	324	15.8	30	J	8.1	-62	58	1.9	1.0	-7.4	2	J
10	320	13.5	25	J	7.5	-66	102	-0.6	0.6	-6.9	3	J
11	319	13.1	24	J	7.2	-44	124	-2.8	2.3	-6.0	2	J
12	311	13.8	26	J	6.9	-33	297	1.1	-2.6	-0.8	6	J
13	312	12.2	23	J	6.4	-45	284	0.9	-4.5	-2.4	4	J
14	311	9.3	22	J	7.2	-31	292	2.2	-6.3	-1.8	2	J
15	312	8.0	17	J	7.6	-11	289	2.4	-7.0	0.3	1	J
16	306	8.3	18	J	7.7	-20	297	3.2	-6.7	-1.3	1	J
17	312	7.6	17	J	7.2	-36	284	1.4	-6.0	-3.3	2	J
18	315	7.0	17	J	7.0	-26	276	0.6	-6.4	-2.6	1	J
19	309	6.9	22	J	6.9	-22	291	2.3	-6.0	-2.5	0	J
20												
21	317	8.0	19	J	7.0	-38	281	1.0	-5.0	-4.6	1	J
22	308	6.8	17	J	7.5	-14	299	3.5	-6.1	-2.3	1	J
23	311	7.5	26	J	7.5	-19	293	2.7	-6.2	-3.0	1	J
24	309	8.6	25	J	7.7	-28	312	4.1	-4.3	-3.7	3	J

JUL. 8, 1988 — 190

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
323	11.4	30	J	8.9	-17	297	3.8	-7.3	-3.0	1	J
338	7.2	19	J	8.8	-37	239	-3.5	-7.3	-2.9	2	J
345	10.1	21	J	8.3	-37	239	-3.4	-6.9	-2.8	1	J
347	12.1	18	J	8.0	-33	241	-3.2	-6.8	-2.2	1	J
312	10.3	15	J	8.5	-2	292	3.1	-7.5	2.0	1	J
336	11.3	22	J	8.1	2	275	0.7	-7.4	2.2	2	J
340	8.8	20	J	7.5	-21	271	0.1	-7.2	-1.2	2	J
333	7.5	15	J	7.8	-34	281	1.2	-6.8	-3.4	1	J
333	8.8	14	J	7.6	-36	283	1.4	-6.3	-3.9	1	J
331	6.5	14	J	7.6	-38	279	0.9	-5.6	-4.2	3	J
333	6.8	16	J	7.4	-41	298	2.3	-4.2	-4.3	4	J
326	8.8	14	J	6.6	-38	302	2.6	-3.9	-4.1	2	J
322	9.3	15	J	6.2	-17	304	3.2	-4.6	-2.1	1	J
316	6.7	20	J	6.4	-9	306	3.7	-4.9	-1.4	1	J
309	5.8	19	J	6.8	-17	311	4.2	-4.7	-2.3	0	J

JUL. 9, 1988 — 191

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	307	6.0	17	J	6.6	-3	311	4.3	-4.9	-0.6	1	J
2	313	7.4	16	J	6.5	-11	319	4.7	-4.1	-1.3	1	J
3	313	7.9	19	J	6.6	-4	318	4.9	-4.4	-0.4	0	J
4	326	10.9	57	J	6.6	0	316	4.7	-4.6	0.3	0	J
5												
6												
7	312	10.3	17	J	6.4	4	315	4.5	-4.3	1.4	1	J
8	311	12.4	16	J	6.0	1	311	3.9	-4.3	1.3	1	J
9	306	12.2	15	J	6.1	4	317	4.4	-3.8	1.6	1	J
10	305	11.2	15	J	6.1	11	320	4.6	-3.3	2.4	1	J
11	306	11.9	16	J	6.1	9	322	4.7	-3.1	2.1	0	J
12	305	11.7	14	J	6.1	3	316	4.3	-3.8	1.7	1	J
13	302	10.2	13	J	6.3	3	302	3.3	-4.9	2.0	1	J
14	301	8.8	13	J	6.1	-2	299	3.0	-5.1	1.4	1	J
15	297	8.8	14	J	6.1	0	299	3.0	-5.1	1.4	0	J
16	297	10.2	16	J	5.9	-3	300	2.9	-5.0	0.8	1	J
17	301	10.9	14	J	5.8	-8	292	2.0	-5.1	0.0	2	J
18	308	13.0	15	J	5.2	4	290	1.7	-4.7	0.8	1	J
19	307	14.6	19	J	5.0	11	269	-0.1	-4.8	1.1	1	J
20	304	14.3	13	J	4.8	6	271	0.1	-4.7	0.4	1	J
21	304	13.4	12	J	4.8	8	268	-0.2	-4.8	0.4	1	J
22	300	12.2	10	J	5.4	10	289	1.7	-5.0	0.6	1	J
23					4.9	16	271	0.1	-4.7	1.0	1	J
24												

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
307	25.2	15	J	6.1	76	35	1.1	2.2	5.0	2	J
307	17.6	14	J	7.7	55	99	-0.7	6.0	4.6	1	J
305	17.5	12	J	8.0	38	108	-1.9	7.2	2.6	1	J
303	15.0	18	J	8.3	40	123	-3.3	6.5	3.0	3	J
300	13.0	20	J	8.3	12	124	-4.4	6.7	-0.7	2	J
306	14.0	31	J	7.4	8	122	-3.6	5.8	-1.0	3	J
308	15.2	33	J	7.0	-4	127	-3.7	4.5	-1.9	3	J
309	17.4	41	J	7.4	11	129	-4.0	5.1	-0.1	4	J
308	17.1	36	J	8.5	14	131	-4.6	5.6	0.6	4	J
314	18.7	42	J	8.2	-13	114	-3.1	6.5	-2.8	3	J
314	19.3	39	J	7.9	26	117	-3.0	6.1	2.6	3	J
308	15.6	39	J	8.9	-31	151	-6.4	3.4	-4.5	3	J
311	17.4	56	J	8.6	-12	140	-6.2	5.2	-1.7	2	J
312	18.8	65	J	9.3	12	145	-7.3	5.0	2.1	2	J
318	20.9	58	J	9.3	38	147	-5.9	3.5	5.7	3	J
335	24.7	55	J	11.5	36	118	-3.6	6.4	6.1	6	J
339	26.3	41	J	14.4	38	112	-4.1	9.6	9.2	4	J

07/11/88 - 07/22/88

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 11, 1988							193
1	346	31.9	62	J	13.9	28	113	-3.9	9.0	5.7	8	J
2	352	32.4	37	J	14.4	-5	112	-5.4	13.3	-1.1	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	504	10.0	231	J	10.0	-16	311	5.7	-6.9	-1.0	4	J
17	503	8.9	201	J	9.4	3	315	5.6	-5.5	1.3	5	J
18	492	9.1	220	J	8.8	20	329	5.9	-3.3	2.8	5	J
19	492	8.5	265	J	9.4	-3	313	5.9	-6.3	-0.2	4	J
20	480	7.2	187	J	8.8	19	338	6.2	-2.5	2.3	5	J
21	457	6.8	146	J	8.7	4	5	8.0	0.7	0.6	3	J
22	470	7.1	206	J	8.6	-10	351	6.9	-1.0	-1.3	5	J
23	493	5.7	184	J	10.0	4	279	1.5	-9.5	0.1	3	J
24	503	5.1	153	J	9.4	0	280	1.5	-8.8	-0.5	3	J
					JUL. 12, 1988							194
516	4.9	137	J	8.5	-11	273	0.4	-7.8	-1.8	3	J	
514	4.6	140	J	8.6	-13	273	0.4	-7.7	-1.8	3	J	
507	4.9	149	J	9.0	-9	296	3.2	-6.7	-0.9	5	J	
501	4.0	105	J	9.9	-33	300	3.9	-7.2	-4.5	3	J	
518	4.3	89	J	9.6	47	287	1.9	-5.2	7.8	1	J	
541	3.3	53	J	8.3	30	246	-2.9	-5.7	5.1	1	J	
517	4.0	61	J	8.8	28	262	-1.1	-7.1	4.9	1	J	
511	5.2	50	J	8.4	5	261	-1.3	-8.1	1.2	1	J	
509	4.8	63	J	6.9	-16	271	0.1	-6.5	-1.8	1	J	
502	4.2	63	J	6.1	1	263	-0.7	-5.8	-0.1	2	J	
493	3.4	65	J	5.9	-24	286	1.4	-4.6	-2.4	2	J	
491	3.5	48	J	6.6	-19	276	0.6	-5.3	-2.2	3	J	
481	3.8	59	J	6.4	-6	279	0.9	-5.4	-0.8	3	J	
					JUL. 13, 1988							195
1	462	4.3	64	J	6.0	-17	306	3.2	-4.4	-1.8	2	J
2	453	4.0	80	J	5.9	-9	307	3.4	-4.6	-0.9	1	J
3	456	4.2	51	J	6.3	47	318	3.0	-2.5	4.4	2	J
4	435	4.3	72	J	5.6	-8	309	3.4	-4.3	-0.4	1	J
5	452	4.4	81	J	5.5	-23	306	2.8	-4.0	-1.4	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15					6.6	9	301	3.4	-5.1	2.6	0	J
16					6.4	-5	303	3.2	-4.9	0.7	2	J
17												
18												
19												
20												
21					8.4	15	296	3.3	-6.9	1.9	3	J
22					8.9	30	299	3.7	-6.8	4.1	2	J
23					8.9	3	290	2.9	-8.0	0.0	2	J
24												
					JUL. 14, 1988							196
429	7.4	35	J	8.7	-22	281	1.4	-7.5	-2.6	3	J	
439	7.1	57	J	8.1	-13	305	4.4	-6.5	-1.1	2	J	
446	7.6	45	J	8.1	-12	297	3.6	-7.1	-0.6	1	J	
					JUL. 19, 1988							201
1												
2												
3												
4					5.9	12	132	-3.5	4.0	0.6	2	J
5					6.0	12	147	-4.5	3.1	0.6	2	J
6					6.4	2	149	-5.3	3.2	-0.5	1	J
7	513	3.5	122	J	7.2	-13	137	-4.8	3.9	-2.7	2	J
8	501	3.0	129	J	6.9	-28	155	-5.2	1.3	-3.7	2	J
9	488	3.9	153	J	6.5	-36	145	-3.9	1.3	-4.2	3	J
10	481	5.0	170	J	5.6	-33	130	-2.0	1.5	-2.9	4	J
11	495	6.2	164	J	5.5	19	65	1.7	3.8	-0.2	4	J
12	485	4.5	113	J	6.9	-32	175	-4.6	-0.8	-2.8	4	J
13	477	5.9	167	J	6.7	-30	155	-3.6	0.7	-2.8	5	J
14	487	5.6	143	J	5.8	44	78	0.8	4.9	2.1	2	J
15	476	4.9	107	J	5.9	55	69	1.1	4.2	3.3	2	J
16	485	3.5	144	J	5.1	78	93	-0.0	2.0	3.7	3	J
17	499	2.9	171	J	4.2	67	90	0.0	2.0	2.9	2	J
18	487	2.5	132	J	3.4	15	180	-2.4	0.1	0.6	3	J
19												
20												
21												
22												
23	466	2.2	79	J	4.4	-27	113	-1.4	3.2	-1.7	2	J
24	483	2.3	69	J	4.7	24	64	1.6	3.3	1.6	2	J
					JUL. 20, 1988							202
477	2.9	55	J	4.0	39	66	1.2	2.9	1.9	1	J	
466	3.5	55	J	4.4	41	72	1.0	3.4	2.1	1	J	
465	3.8	62	J	4.8	32	82	0.5	4.2	1.4	2	J	
464	3.7	74	J	5.1	12	105	-1.2	4.6	-0.4	2	J	
429	3.9	66	J	4.8	11	141	-3.4	2.9	-0.1	2	J	
422	3.8	61	J	4.5	58	161	-2.0	1.9	2.8	2	J	
462	4.3	57	J	4.7	41	43	2.2	2.9	1.6	2	J	
466	4.7	57	J	4.6	19	48	2.8	3.4	0.1	1	J	
457	4.7	62	J	4.7	43	29	2.6	2.4	2.0	2	J	
450	4.5	60	J	4.7	23	48	2.6	3.3	0.5	2	J	
452	4.2	55	J	4.7	28	35	3.3	2.8	1.3	1	J	
442	4.3	67	J	4.8	9	60	2.3	4.1	-0.4	1	J	
426	4.5	64	J	4.5	2	85	0.3	3.6	-0.7	3	J	
436	4.2	72	J	4.8	33	64	1.6	3.6	1.8	2	J	
448	4.5	78	J	5.3	25	55	2.6	3.9	1.7	1	J	
419	4.3	90	J	4.3	15	118	-1.6	3.0	0.7	2	J	
424	4.3	47	J	5.2	24	101	-0.9	4.5	2.1	2	J	
421	4.4	66	J	4.9	1	104	-1.1	4.3	0.1	2	J	
					JUL. 21, 1988							203
1	433	4.0	54	J	4.9	14	85	0.4	4.4	1.0	2	J
2	440	4.0	48	J	5.2	20	71	1.5	4.4	1.4	2	J
3	444	4.3	56	J	5.5	35	53	2.7	3.8	2.7	1	J
4												
5												
6	488	7.0	180	J	13.6	0	159	-12.6	4.7	-1.2	2	J
7	587	6.1	206	J	13.9	22	136	-8.7	9.5	2.2	5	J
8	594	8.7	458	J	14.2	-16	147	-9.6	4.8	-5.2	8	J
9	592	13.7	487	J	11.7	-34	202	-7.9	-5.1	-4.2	6	J
10	598	14.5	563	J	7.6	14	191	-4.3	-0.3	1.3	6	J
11	565	12.2	413	J	11.0	0	203	-9.3	-3.6	1.6	5	J
12	492	8.8	189	J	14.2	-14	170	-13.1	0.7	-4.0	3	J
13	487	8.1	277	J	11.9	-12	163	-10.7	2.0	-3.5	4	J
14	521	12.5	316	J	8.4	-27	117	-1.1	1.5	-1.9	8	J
15	539	15.0	234	J	7.3	-18	11	6.4	0.5	-2.4	3	J
16	533	10.6	135	J	6.7	-30	28	4.6	1.5	-3.6	3	J
17	504	7.7	254	J	5.6	1	356	4.9	-0.3	0.2	3	J
18	498	7.4	210	J	5.7	11	352	5.1	-0.5	1.1	3	J
19	486	7.8	162	J	6.2	24	337	4.1	-1.5	2.2	4	J
20	489	8.8	114	J	6.6	11	328	5.1	-3.1	1.4	3	J
21	477	8.1	113	J	6.0	18	334	4.8	-2.3	1.8	3	J
22	456	6.8	155	J	4.0	4	147	-2.5	1.6	0.2	3	J
23												
24	482	7.9	107	J	9.3	-5	132	-5.9	6.5	-0.8	3	J
					JUL. 22, 1988							204
495	6.0	134	J	9.1	-57	186	-4.3	-0.6	-6.6	5	J	
502	3.2	107	J	10.8	-60	218	-4.1	-3.7	-8.7	3	J	
536	2.9	92	J	10.9	-41	285	2.0	-7.9	-5.8	4	J	
575	3.0	108	J	10.2	-41	288	2.3	-8.0	-5.4	2	J	
572	2.9	105	J	10.5	-32	296	3.9	-8.9	-3.8	0	J	
511	2.6	56	J	8.9	-43	280	1.1	-8.2	-2.9	1	J	
512	2.4	54	J	8.7	-42	281	1.2	-7.9	-2.9	1	J	
508	2.3	44	J	8.6	-39	277	0.8	-8.0	-2.8	1	J	
492	2.2	43	J	8.4	-40	259	-1.2	-7.4	-3.3	1	J	
508	2.0	50	J	8.3	-24	269	-0.1	-7.2	-1.3	4	J	
521	2.1	63	J	8.4	-10	282	1.5	-7.2	-0.0	4	J	
499	2.7	54	J	8.0	-28	277	0.8	-7.1	-2.8	2	J	
493	1.8	47	J	8.2	-35	273	0.3	-6.9	-4.2	1	J	
510	1.9	53	J	7.7	-34	272	0.2	-6.3	-3.9	2	J	
531	2.0	61	J	7.9	-35	278	0.9	-6.4	-4.4	1	J	
510	2.7	52	J	7.7	-33	277	0.8	-6.3	-4.0	2	J	
505	5.8	46	J	7.4	-17	300	3.5	-6.1	-2.0	1	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 23, 1988							205
1	503	4.0	47	J	7.7	-23	289	2.2	-6.6	-2.7	1	J
2	491	4.9	30	J	7.5	-20	286	1.9	-6.9	-2.1	0	J
3	496	5.0	33	J	7.6	-23	292	2.6	-6.7	-2.2	1	J
4	496	4.7	31	J	7.3	-25	290	2.2	-6.3	-2.0	2	J
5	514	2.3	61	J	7.3	-47	225	-3.5	-4.5	-4.4	0	J
6												
7												
8												
9												
10												
11												
12												
13												
14	522	2.3	104	J	7.1	2	161	-6.6	2.2	-0.6	1	J
15	519	2.5	125	J	7.3	7	155	-6.5	3.1	-0.2	1	J
16	515	2.6	113	J	7.2	10	152	-6.2	3.5	0.2	1	J
17	504	2.5	108	J	7.2	17	149	-5.8	3.9	1.2	1	J
18	502	3.0	115	J	7.0	8	151	-5.9	3.4	0.3	2	J
19	484	3.2	108	J	7.1	-4	155	-6.3	2.9	-0.8	1	J
20	471	2.8	75	J	7.5	1	163	-7.0	2.1	-0.0	1	J
21	478	2.8	91	J	7.4	7	165	-7.0	1.9	0.8	1	J
22	469	3.7	74	J	7.8	8	159	-6.3	2.4	0.9	4	J
23	447	4.2	37	J	7.5	5	148	-6.2	3.9	0.6	2	J
24	450	3.9	39	J	7.5	-2	150	-6.0	3.4	-0.3	3	J
					JUL. 25, 1988							207
1	391	6.4	73	J	6.0	13	200	-5.0	-1.8	1.3	2	J
2	385	5.8	51	J	6.7	-4	144	-5.2	3.8	-0.8	2	J
3	405	6.1	42	J	7.0	-7	123	-3.5	5.3	-1.4	2	J
4	399	6.1	41	J	7.3	17	127	-4.1	5.7	1.1	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					JUL. 31, 1988							213
1												
2												
3												
4												
5												
6												
7	393	7.6	67	J	6.1	-71	340	1.6	-2.3	-4.4	3	J
8	395	7.5	73	J	6.1	-57	340	1.7	-1.6	-2.3	5	J
9	389	6.6	78	J	5.9	-37	351	3.8	-1.8	-2.4	3	J
10	390	6.7	83	J	6.2	19	316	3.8	-2.5	3.3	2	J
11	394	7.3	84	J	6.2	7	304	2.8	-3.4	2.4	4	J
12	382	6.9	54	J	6.7	-5	319	4.5	-3.7	1.3	3	J
13	393	7.5	76	J	6.8	-27	320	4.0	-4.2	-0.9	3	J
14	382	6.8	49	J	7.1	-2	327	5.5	-3.4	1.3	2	J
15	390	7.3	74	J	7.2	21	324	4.6	-2.3	3.3	4	J
16	387	7.3	59	J	7.6	-8	321	5.1	-4.2	0.5	4	J
17	387	6.9	45	J	7.3	-1	311	4.7	-5.2	1.4	1	J
18												
19												
20												
21												
22												
23												
24												
					AUG. 2, 1988							215
1	412	5.5	38	J	5.3	-3	296	2.1	-4.2	0.1	2	J
2												
3												
4												
5	377	5.6	32	J	5.8	-6	352	5.3	-0.9	-0.4	2	J
6	378	4.8	31	J	6.2	3	324	4.7	-3.1	1.3	2	J
7	383	4.7	39	J	6.3	-1	311	4.0	-4.3	1.5	1	J
8	374	4.7	27	J	6.2	-7	313	4.1	-4.4	1.1	1	J
9	378	4.5	27	J	6.3	3	323	4.8	-3.1	1.8	2	J
10	372	4.5	27	J	6.2	4	335	5.5	-2.1	1.5	1	J
11	374	5.2	27	J	6.6	4	324	5.2	-3.1	2.1	2	J
12	371	5.3	29	J	6.5	0	329	5.4	-2.9	1.5	1	J
13	378	6.2	28	J	6.7	-6	313	4.3	-4.4	1.5	2	J
14	374	6.2	26	J	6.8	-13	310	4.1	-5.1	0.8	1	J
15	367	5.5	25	J	6.9	-9	320	5.1	-4.4	0.7	1	J
16	366	6.2	24	J	7.0	-15	317	4.8	-4.8	-0.1	1	J
17	358	5.1	20	J	7.1	-3	312	4.6	-5.0	1.1	2	J
18	348	5.1	25	J	7.1	-23	322	5.0	-4.4	-1.7	2	J
19	355	4.3	18	J	7.3	-29	314	4.3	-5.0	-2.6	2	J
20	349	3.6	24	J	7.7	-34	322	5.0	-4.4	-3.7	1	J
21	355	3.4	20	J	8.1	-27	312	4.8	-5.6	-3.1	1	J
22	366	4.1	19	J	8.4	-24	301	3.9	-6.7	-2.9	1	J
23	366	3.6	20	J	8.4	-11	301	4.1	-7.0	-1.1	1	J
24	365	2.8	20	J	8.7	-19	297	3.7	-7.5	-2.3	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 24, 1988							206
1	446	3.9	37	J	7.5	12	144	-5.6	4.1	1.3	2	J
2	442	3.7	59	J	7.5	-15	160	-6.6	2.3	-2.1	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	413	5.2	36	J	6.2	-7	137	-4.4	3.7	-1.9	2	J
17	407	5.1	44	J	6.2	-5	147	-4.9	3.0	-1.3	2	J
18	390	5.0	73	J	6.6	1	164	-6.2	1.8	-0.2	2	J
19	431	5.6	46	J	6.5	-19	104	-1.4	5.3	-2.7	2	J
20	434	5.6	53	J	6.9	-10	93	-0.3	6.2	-1.6	2	J
21	402	5.8	56	J	6.9	-1	132	-4.4	4.9	-0.3	2	J
22	389	5.9	44	J	7.0	-9	148	-5.4	3.3	-1.1	3	J
23	401	6.0	47	J	7.0	-10	128	-3.9	5.0	-1.2	2	J
24	386	6.1	83	J	6.4	-6	164	-5.8	1.7	-0.7	1	J
					JUL. 26, 1988							208
1												
2												
3	414	6.8	80	J	6.8	-15	5	6.2	0.3	-1.7	2	J
4	444	8.5	125	J	6.4	-21	14	5.6	1.0	-2.4	2	J
5	442	7.5	142	J	7.9	-12	347	7.4	-2.0	-1.2	1	J
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 1, 1988							214
1												
2												
3												
4												
5												
6												
7												
8	450	6.4	99	J	6.8	22	258	-1.2	-4.2	4.6	3	J
9	430	6.8	96	J	6.2	56	308	1.5	-0.1	4.2	4	J
10	438	6.3	94	J	6.4	38	272	0.2	-2.6	5.6	2	J
11	437	6.0	70	J	6.4	35	275	0.4	-2.7	5.1	3	J
12	438	6.7	77	J	5.5	59	283	0.5	-0.3	4.0	4	J
13	452	6.5	62	J	5.7	31	247	-1.8	-2.7	4.3	2	J
14	444	6.5	69	J	5.1	25	280	0.6	-2.7	3.0	3	J
15	437	6.5	70	J	5.2	18	272	0.1	-3.2	2.5	3	J
16	409	6.4	57	J	5.0	-25	355	3.8	-0.8	-1.6	3	J
17	427	6.0	56	J	5.0	-8	290	1.2	-3.3	0.3	4	J
18	432	6.2	64	J	5.1	-34	286	0.9	-3.4	-1.6	3	J
19												
20	402	5.4	54	J	4.9	2	342	4.3	-1.4	0.3	2	J
21	408	5.9	54	J	5.3	16	315	3.1	-3.0	1.5	3	J
22	422	6.2	44	J	5.4	5	284	1.2	-4.7	0.7	2	J
23	406	5.9	45	J	5.3	9	320	3.1	-2.5	0.8	3	J
24												
					AUG. 3, 1988							216
1	367	2.9	22	J	9.2	-21	295	3.6	-8.1	-2.5	1	J
2	377	2.4	28	J	9.9	-24	295	3.7	-8.5	-2.9	2	J
3	367	2.1	25	J	10.1	-25	300	4.5	-8.4	-2.8	2	J
4												
5	379	7.0	24	J	10.7	-33	296	3.9	-9.3	-2.9	2	J
6	389	6.8	24	J	11.2	-17	282	2.1	-10.6	0.7	3	J
7	384	6.0	25	J	10.9	5	283	2.4	-9.2	5.1	2	J
8	397	4.6	25	J	10.7	-22	277	1.2	-10.4	0.7	2	J
9	412	4.2	28	J	10.7	-25	272	0.3	-10.3	0.4	3	J
10	384	2.7	32	J	10.3	9	287	2.9	-7.6	5.8	2	J
11	388	3.5	41	J	10.1	6	289	3.2	-7.7	5.3	1	J
12					10.1	4	288	3.1	-8.1	5.0	1	J
13					9.9	7	288	3.0	-7.8	5.1	1	J
14					9.6	9	287	2.7	-7.6	4.9	2	J
15					9.7	18	288	2.9	-7.2	5.9	1	J
16												
17												
18												
19												
20												
21												
22												
23	340	3.0	24	J	8.0	3	297	3.5	-6.9	0.9	1	J
24	367	3.2	39	J	7.8	1	302	4.1	-6.5	0.7	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					AUG. 4, 1988							217
1	355	3.7	33	J	7.7	6	294	3.0	-6.7	1.5	2	J
2	356	3.5	33	J	7.7	-3	304	4.2	-6.2	0.4	2	J
3	343	5.1	28	J	7.4	-3	298	3.3	-6.1	0.7	2	J
4	365	6.2	19	J	7.5	15	261	-1.1	-6.5	3.4	1	J
5	345	6.9	29	J	7.0	8	286	1.7	-5.6	2.5	3	J
6												
7	365	4.0	41	J	6.6	-17	2	6.3	-0.5	-1.9	1	J
8	351	4.2	44	J	6.8	-14	354	6.5	-1.3	-1.2	1	J
9	355	3.8	39	J	6.7	-9	349	6.5	-1.6	-0.4	1	J
10	351	3.9	42	J	7.0	-6	342	6.6	-2.2	0.3	1	J
11	350	3.8	47	J	6.5	-1	341	6.1	-1.9	0.9	0	J
12	346	4.1	47	J	6.2	7	327	4.9	-2.5	2.1	2	J
13	345	4.2	57	J	5.8	6	331	5.0	-2.2	1.8	1	J
14	339	4.8	80	J	5.6	8	336	5.0	-1.7	1.7	1	J
15	321	5.9	87	J	4.9	0	323	3.9	-2.7	1.2	0	J
16	320	6.0	87	J	5.3	2	329	4.5	-2.4	1.1	1	J
17	329	4.8	50	J	5.7	-8	336	5.0	-2.3	-0.1	1	J
18	312	5.7	58	J	5.4	-6	341	5.1	-1.8	-0.1	1	J
19	321	6.1	83	J	5.3	-10	345	5.0	-1.5	-0.6	0	J
20	323	5.6	75	J	5.5	-2	335	4.9	-2.3	0.1	1	J
21	333	4.5	41	J	5.7	2	333	5.1	-2.5	0.5	1	J
22	333	4.3	34	J	5.7	6	330	4.9	-2.8	0.8	1	J
23	333	4.9	30	J	5.5	10	327	4.5	-2.8	1.2	1	J
24	335	5.3	21	J	5.7	6	326	4.7	-3.1	0.9	0	J
					AUG. 5, 1988							218
	335	6.1	32	J	5.6	-1	331	4.8	-2.7	0.2	1	J
	331	6.6	30	J	5.7	-11	333	4.9	-2.6	-0.7	1	J
	334	8.1	20	J	6.3	-5	308	3.6	-4.6	0.3	2	J
	340	8.5	19	J	6.6	-4	298	3.0	-5.6	0.8	2	J
	336	8.4	15	J	6.8	-3	307	4.0	-5.2	1.1	1	J
	354	9.7	23	J	5.8	-25	339	4.8	-2.7	-1.3	1	J
	361	7.3	16	J	6.4	-28	340	5.2	-3.1	-1.7	1	J
	362	7.4	17	J	6.7	-31	338	5.3	-3.5	-2.0	0	J
	355	6.4	17	J	7.1	-33	341	5.6	-3.5	-2.4	1	J
	366	9.6	20	J	8.3	-34	339	6.3	-4.3	-2.9	2	J
	369	11.2	18	J	9.9	-39	341	7.3	-5.0	-4.5	1	J
	364	11.6	18	J	9.8	-39	347	7.3	-4.0	-4.9	2	J
	370	12.0	19	J	9.7	-43	348	6.9	-3.7	-5.6	2	J
	379	13.5	32	J	9.1	-22	312	5.4	-6.7	-1.3	3	J
	406	13.9	65	J	8.7	23	280	1.3	-6.3	4.8	3	J
	412	12.3	49	J	10.0	31	268	-0.3	-7.3	6.6	2	J
	411	13.6	41	J	10.3	27	262	-1.3	-8.2	5.9	2	J
	412	10.0	41	J	10.8	30	262	-1.3	-8.5	6.4	1	J
	422	9.6	53	J	10.5	29	260	-1.4	-7.7	5.3	5	J
	394	7.3	39	J	11.1	5	274	0.8	-10.6	1.9	3	J
	405	11.3	55	J	11.1	49	249	-2.5	-5.8	8.6	3	J
					AUG. 6, 1988							219
1	401	12.3	55	J	10.6	69	189	-3.6	1.7	9.3	3	J
2	399	12.4	48	J	9.9	59	238	-2.5	-2.8	8.3	4	J
3	394	12.2	47	J	8.9	45	249	-1.8	-3.7	5.9	5	J
4	393	17.0	82	J	8.5	46	241	-2.8	-3.5	6.9	2	J
5	407	18.0	80	J	8.7	21	228	-5.4	-4.9	4.7	0	J
6												
7												
8												
9												
10												
11	378	8.7	25	J	8.4	21	244	-3.4	-4.6	5.9	1	J
12	383	9.6	26	J	7.8	22	240	-3.6	-4.0	5.5	1	J
13	385	9.0	28	J	8.0	30	242	-3.2	-3.5	6.3	1	J
14	383	9.6	32	J	8.1	20	243	-3.4	-4.8	5.4	1	J
15	382	11.0	26	J	7.5	33	234	-3.6	-2.9	5.7	1	J
16	377	11.0	26	J	6.9	40	226	-3.6	-1.9	5.4	1	J
17	376	11.3	26	J	6.7	65	222	-1.8	0.1	5.3	4	J
18	375	11.2	23	J	6.8	55	226	-2.7	-1.3	6.0	1	J
19	372	10.7	20	J	6.1	60	232	-1.8	-1.3	5.6	1	J
20	366	10.8	26	J	5.6	73	233	-0.8	-0.4	4.6	3	J
21	356	10.1	33	J	4.9	5	277	0.4	-3.5	0.7	3	J
22	358	8.4	29	J	5.2	45	291	1.2	-2.8	3.6	2	J
23	350	7.6	25	J	5.8	4	296	1.7	-3.5	0.6	4	J
24	343	6.3	30	J	5.3	-43	308	2.3	-3.3	-3.2	1	J
					AUG. 7, 1988							220
	344	10.2	20	J	5.2	-17	284	1.1	-4.6	-0.9	2	J
	340	13.8	19	J	5.2	0	284	1.2	-4.9	0.7	1	J
	348	14.0	19	J	5.5	1	266	-0.4	-5.3	1.1	1	J
	352	13.5	17	J	5.7	-13	250	-1.8	-5.1	-0.0	2	J
	346	10.5	25	J	7.6	35	249	-2.2	-2.9	6.6	1	J
	337	14.6	16	J	6.6	43	244	-2.1	-1.8	5.8	2	J
	334	14.5	13	J	6.6	40	252	-1.5	-2.6	5.7	2	J
	333	13.0	12	J	6.7	27	270	-0.0	-4.3	4.9	2	J
	330	10.2	14	J	7.0	33	276	0.6	-4.3	5.4	1	J
					AUG. 12, 1988							225
1												
2												
3												
4												
5												
6	469	17.3	120	J								
7	489	10.0	131	J								
8	506	8.2	145	J								
9	505	7.6	134	J	8.3	24	108	-1.8	6.1	-0.3	5	J
10	483	7.4	126	J	9.9	5	128	-5.6	6.6	-2.8	4	J
11	472	8.6	146	J	9.6	9	137	-6.4	5.9	-1.8	3	J
12	466	7.6	99	J	10.2	-9	148	-8.3	3.7	-3.9	2	J
13	473	7.0	102	J	9.9	-23	141	-6.9	3.0	-6.0	2	J
14	483	6.9	108	J	9.9	-29	143	-6.8	2.3	-6.6	1	J
15	503	6.5	123	J	9.8	-52	149	-4.7	-0.5	-7.5	4	J
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 13, 1988							226
	482	6.9	341	J	8.8	20	125	-4.6	7.2	-0.3	2	J
	479	6.3	85	J	8.7	4	120	-3.8	6.1	-2.7	4	J
	480	7.6	107	J	8.5	5	146	-5.9	3.8	-1.4	4	J
	452	6.8	92	J	8.0	-4	156	-6.4	2.2	-1.9	4	J
	469	8.5	135	J	8.4	-1	124	-4.4	5.5	-3.4	3	J
	478	8.2	111	J	9.2	11	109	-2.7	7.5	-2.4	4	J
	469	8.1	96	J	9.2	49	136	-3.2	5.1	3.0	6	J
	469	8.1	95	J	9.1	4	115	-3.5	7.0	-2.7	3	J
	463	8.3	76	J	8.8	-30	134	-4.8	3.0	-5.6	4	J
	456	7.6	101	J	8.6	0	133	-5.0	5.1	-1.8	4	J
	465	7.4	112	J	8.7	9	119	-3.9	7.2	-0.8	3	J
					AUG. 14, 1988							227
1												
2												
3												
4												
5												
6												
7												
8												
9	549	8.2	283	J	8.0	-69	138	-1.9	-1.7	-6.8	3	J
10	557	7.4	233	J	8.1	-74	225	-1.4	-4.5	-5.1	4	J
11	538	6.3	206	J	8.1	22	131	-4.0	5.2	-0.2	5	J
12	544	5.4	250	J	6.6	45	151	-3.3	3.5	2.3	4	J
13	545	5.5	304	J	6.3	4	171	-4.0	0.7	-0.1	5	J
14	540	5.6	261	J	6.2	-25	176	-4.8	-0.8	-2.1	3	J
15	534	4.8	205	J	6.2	-31	166	-3.7	-0.2	-2.4	4	J
16	525	4.1	114	J	7.3	-2	124	-3.5	4.7	-2.2	4	J
17	507	4.1	72	J	7.6	-6	130	-4.8	5.1	2.7	1	J
18	508	2.8	65	J	8.5	14	122	-4.2	6.9	-0.0	3	J
19					8.8	16	127	-5.0	7.1	0.8	1	J
20					9.1	14	126	-5.1	7.3	0.8	1	J
21												
22												
23												
24												
					AUG. 15, 1988							228
	658	2.3	283	J	5.7	-32	85	0.4	2.3	-4.4	3	J
	614	2.4	287	J	5.4	-12	125	-2.4	2.4	-2.5	3	J
	613	2.5	211	J	5.5	-4	147	-3.0	1.6	1.2	4	J
	643	2.6	227	J	4.8	31	71	0.8	2.7	0.2	4	J
	614	2.3	158	J	4.7	-31	121	-1.7	1.6	-3.0	3	J
	611	2.2	168	J	4.5	-42	124	-1.7	1.2	-3.5	2	J
	590	2.4	132	J	5.0	34	143	-2.7	1.1	-2.9	3	J
	624	2.9	128	J	4.6	-13	76	0.9	3.2	-1.9	3	J
	579	2.8	92	J	4.7	11	130	-2.7	3.3	0.0	2	J
	546	3.0	176	J	4.7	5	146	-3.7	2.5	0.0	2	J
	558	3.5	134	J	4.2	42	121	-1.1	2.0	1.6	3	J
	578	4.4	107	J	4.9	38	34	2.5	2.0	2.1	3	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	524	4.1	111	J	4.3	-7	147	-2.5	1.5	-0.6	3	J
2	518	4.1	105	J	4.3	6	150	-3.4	2.0	0.0	2	J
3	553	3.3	88	J	4.2	-7	115	-1.0	2.1	-0.8	3	J
4	575	3.1	81	J	4.3	15	69	1.3	3.6	0.0	2	J
5												
6												
7												
8												
9												
10												
11	525	2.7	69	J	3.8	23	90	0.0	3.3	-0.5	2	J
12	526	2.7	67	J	3.9	17	77	0.8	3.3	-0.8	2	J
13	518	2.9	58	J	3.8	-10	88	0.1	2.5	-2.1	2	J
14	527	2.9	61	J	3.8	-12	61	1.5	2.1	-1.9	2	J
15	505	2.8	60	J	3.7	19	96	-0.3	2.6	-0.3	3	J
16	485	2.7	63	J	3.5	21	136	-1.6	1.8	0.2	3	J
17	488	2.6	49	J	3.7	24	103	-0.7	3.1	0.2	2	J
18	478	3.0	45	J	3.4	30	118	-0.8	1.8	0.5	3	J
19	456	3.4	61	J	3.5	-10	131	-2.0	2.1	-1.1	2	J
20	459	3.4	41	J	3.7	4	103	-0.8	3.3	-0.4	1	J
21	446	3.6	51	J	3.5	-9	116	-1.3	2.6	-0.9	2	J
22	451	3.8	40	J	3.3	-20	100	-0.5	2.8	-1.5	1	J
23	438	3.7	46	J	3.4	-6	107	-0.9	2.9	-0.7	1	J
24	432	4.0	42	J	3.6	13	117	-1.2	2.5	0.3	2	J

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
451	4.4	41	J	4.4	33	39	2.7	2.5	1.9	2	J	
439	4.5	46	J	4.2	11	61	1.7	3.2	0.1	2	J	
426	4.8	47	J	4.0	-12	99	-0.5	2.8	-1.3	3	J	
427	4.6	45	J	4.2	14	90	0.0	3.6	-0.1	2	J	
438	4.3	41	J	4.1	49	44	1.9	2.7	2.3	1	J	
424	5.1	52	J	4.5	13	78	0.8	3.9	-1.0	2	J	
416	5.3	51	J	4.1	24	106	-0.7	2.6	-0.2	3	J	
415	5.1	58	J	3.9	54	128	-1.0	2.4	1.3	3	J	
425	5.5	64	J	4.2	62	30	1.5	2.5	2.4	2	J	
418	5.5	62	J	4.2	43	94	-0.2	3.2	0.7	3	J	
441	5.7	62	J	4.6	20	37	3.3	2.9	0.0	1	J	
435	5.8	63	J	4.7	29	42	2.9	3.3	0.6	2	J	
434	5.6	53	J	5.1	27	34	3.5	3.0	0.9	2	J	
395	6.1	56	J	4.9	53	129	-1.6	3.2	2.3	2	J	
404	6.3	59	J	5.0	42	88	0.1	4.0	1.6	2	J	
396	6.9	65	J	5.0	51	107	-0.9	3.8	2.7	2	J	
408	6.4	46	J	5.6	41	47	2.5	3.4	2.5	3	J	
406	6.7	49	J	5.8	37	60	2.2	4.5	2.5	2	J	
405	6.6	52	J	5.1	24	65	1.7	4.0	1.2	2	J	
390	7.1	59	J	4.8	19	108	-1.1	3.6	0.7	3	J	
391	7.4	59	J	5.3	-8	114	-1.8	3.9	-1.2	3	J	
414	6.2	48	J	5.6	22	84	0.5	5.2	1.3	1	J	

AUG. 18, 1988 — 231

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	398	6.1	68	J	5.4	-10	118	-1.9	3.4	-1.3	3	J
2	413	6.0	58	J	5.2	41	73	1.0	3.7	2.2	3	J
3	415	5.8	50	J	5.4	-39	89	0.1	3.0	-4.0	2	J
4	411	5.8	51	J	5.4	-36	91	-0.1	3.1	-4.0	2	J
5	408	6.7	72	J	5.0	-48	91	-0.0	1.6	-3.7	3	J
6												
7												
8												
9												
10												
11	377	6.3	41	J	5.5	14	125	-2.2	3.2	-0.8	4	J
12	373	6.5	39	J	5.8	-21	153	-4.2	0.9	-2.7	3	J
13	379	6.6	41	J	5.8	-43	140	-2.9	0.3	-4.3	2	J
14	382	6.3	44	J	5.6	-52	166	-3.2	-1.3	-4.0	2	J
15	380	6.4	43	J	5.4	-35	151	-3.4	0.5	-3.3	2	J
16	381	6.6	46	J	5.4	-37	155	-3.7	0.3	-3.5	2	J
17	387	7.0	53	J	5.5	45	154	-2.6	2.2	2.3	4	J
18	380	7.0	51	J	5.8	26	138	-3.3	3.5	1.2	3	J
19	366	6.6	42	J	5.6	6	173	-5.1	0.7	0.4	2	J
20	369	6.4	43	J	5.3	9	180	-4.7	0.2	0.7	2	J
21	371	6.5	41	J	5.4	-11	184	-4.9	-0.5	-0.9	2	J
22	371	7.1	37	J	5.8	14	208	-4.5	-2.2	1.6	2	J
23	375	6.9	40	J	5.7	5	197	-4.9	-1.4	0.7	2	J
24	381	8.2	49	J	6.3	29	157	-4.5	2.3	2.4	3	J

AUG. 19, 1988 — 232

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
378	7.8	45	J	6.1	-9	191	-4.8	-1.0	-0.6	4	J	
371	7.0	48	J	5.7	0	171	-5.2	0.8	-0.2	2	J	
389	8.0	44	J	6.1	19	141	-3.0	2.7	0.7	4	J	
408	9.3	56	J	6.5	10	85	0.5	5.9	-0.7	2	J	
400	9.7	60	J	6.9	42	95	-0.4	6.0	2.5	2	J	
361	8.9	49	J	7.2	-15	183	-5.5	-1.0	-1.1	4	J	
357	9.2	61	J	7.4	1	165	-7.0	1.7	-0.8	2	J	
363	9.4	68	J	6.4	-11	139	-4.7	3.0	-3.0	1	J	
377	10.3	52	J	6.7	-42	173	-4.8	-1.4	-4.1	2	J	
392	8.5	50	J	6.2	-12	76	0.4	1.3	-1.0	6	J	
389	6.9	67	J	4.9	5	290	1.3	-3.1	1.5	3	J	
383	10.0	33	J	5.6	-20	86	0.3	4.0	-3.1	2	J	
405	9.0	48	J	5.8	-18	147	-3.8	2.0	-2.1	3	J	
405	6.7	82	J	6.6	-17	181	-6.1	-0.5	-1.8	2	J	
422	4.7	38	J	7.5	-17	149	-6.1	3.2	-2.8	1	J	
415	5.9	44	J	6.6	-17	145	-5.1	3.2	-2.4	1	J	
412	5.4	42	J	6.2	-24	147	-4.7	2.6	-2.9	1	J	
411	8.4	26	J	5.9	-16	144	-4.6	3.0	-2.1	1	J	

AUG. 20, 1988 — 233

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	411	8.6	28	J	5.9	-8	148	-5.0	2.9	-1.3	1	J
2	411	9.6	25	J	5.7	-10	145	-4.5	2.9	-1.6	1	J
3					5.7	-15	145	-4.4	2.6	-2.1	2	J
4	414	9.4	33	J	5.7	0	116	-2.0	4.0	-1.2	3	J
5					5.9	-18	124	-3.0	3.6	-3.2	2	J
6												
7												
8												
9												
10												
11												
12												
13												
14	393	27.6	58	J								
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

AUG. 25, 1988 — 238

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
612	4.0	274	J	8.0	14	299	3.7	-6.1	3.1	2	J	
605	3.7	213	J	8.0	9	310	4.5	-5.0	2.3	4	J	
595	3.7	206	J	7.9	-10	325	5.5	-4.0	-0.2	4	J	
587	3.6	126	J	7.6	-1	340	6.2	-2.2	0.6	4	J	
598	3.3	196	J	7.7	13	317	4.8	-3.7	3.0	3	J	
578	3.7	128	J	7.7	-26	339	5.6	-3.2	-1.8	4	J	
570	3.5	95	J	7.7	-13	336	6.3	-3.2	-0.2	3	J	
560	3.3	108	J	7.9	-11	339	6.8	-3.0	0.0	2	J	
528	3.4	106	J	9.0	10	304	4.7	-5.3	4.9	2	J	
635	5.9	289	J	13.8	4	274	0.9	-10.9	7.9	6	J	
694	9.8	546	J	18.4	-4	276	1.9	-15.6	8.6	4	J	
635	11.2	504	J	15.5	-13	304	7.5	-11.0	3.4	7	J	
638	10.3	389	J	15.9	-15	299	6.6	-12.0	3.1	7	J	
602	8.5	332	J	14.2	-19	310	8.0	-10.4	1.1	5	J	
604	8.2	316	J	14.3	1	305	7.6	-9.5	5.3	5	J	
607	7.6	243	J	14.1	7	289	4.1	-10.2	6.4	6	J	
700	5.3	259	J	11.4	-3	294	4.5	-9.9	2.2	2	J	
694	5.5	203	J	11.2	3	289	3.6	-10.0	2.9	2	J	
698	6.7	198	J	11.3	15	274	0.7	-9.8	4.9	2	J	
673	7.6	223	J	11.0	22	275	0.8	-8.8	5.5	4	J	
655	8.9	242	J	10.7	25	291	3.4	-8.0	5.9	2	J	

AUG. 26, 1988 — 239

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2	602	9.6	111	J	8.4	15	311	5.3	-5.5	3.5	1	J
3	607	12.6	91	J	7.5	17	328	5.5	-2.8	2.8	3	J
4	608	10.5	59	J	8.2	55	1	4.5	2.0	6.1	2	J
5	600	9.4	97	J	8.6	16	355	7.1	0.1	2.1	4	J
6	590	6.1	82	J	10.0	56	23	5.0	5.2	6.5	2	J
7	571	4.8	68	J	10.6	55	16	5.8	5.4	7.0	1	J
8	577	4.8	104	J	10.3	60	44	3.6	7.2	5.8	3	J
9	587	3.8	112	J	10.4	63	81	0.7	8.5	5.4	2	J
10	585	3.9	63	J	9.6	67	44	2.7	6.8	6.0	2	J
11	574	3.8	67	J	9.2	67	67	1.4	7.3	5.3	1	J
12	570	3.3	66	J	8.8	65	98	-0.5	7.2	4.6	2	J
13	566	3.0	63	J	8.9	62	63	1.8	7.0	4.5	3	J
14	574	4.5	83	J	7.7	52	46	3.2	5.8	3.4	2	J
15	573	3.5	69	J	7.2	45	33	3.9	4.4	2.9	3	J
16	614	6.5	55	J	7.0	45	108	-1.5	6.2	2.4	2	J
17	611	6.4	50	J	7.0	44	110	-1.7	6.1	2.7	1	J
18	550	3.7	65	J	7.4	20	26	5.7	3.4	1.3	3	J
19	529	3.2	75	J	7.9	11	16	7.5	2.5	0.9	0	J
20												
21	518	3.5	63	J	7.8	-24	352	6.9	-1.6	-2.8	2	J
22	515	3.6	61	J	7.5	-4	15	6.8	1.7	-0.8	2	J
23	515	3.9	50	J	7.2	-26	14	5.8	0.9	-3.1	3	J
24	501	3.8	38	J	7.3	2	18	6.7	2.2	-0.1	2	J

AUG. 27, 1988 — 240

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
507	3.5	48	J	7.2	-4	36	5.6	3.9	-1.3	2	J	
486	4.3	80	J	6.7	-14	13	6.1	0.4	-2.1	2	J	
477	3.8	66	J	6.0	-3	2	5.9	0.0	-0.4	1	J	
484	4.2	69	J	6.3	-7	20	5.3	1.2	-1.6	3	J	
486	4.3	82	J	5.9	7	335	4.9	-1.6	1.8	2	J	
489	4.3	81	J	5.9	21	11	4.4	1.6	1.0	3	J	
482	4.1	54	J	6.4	3	49	4.0	4.1	-2.0	2	J	
499	4.3	50	J	6.5	4	69	2.2	5.2	-2.3	2	J	
467	4.3	47	J	6.2	2	3	5.0	0.3	0.0	4	J	
471	4.2	46	J	6.5	3	8	4.5	0.7	-0.0	5	J	
462	4.3	44	J	6.5	-19	28	4.8	1.8	-2.6	3	J	
487	4.3	49	J	6.5	-15	69	2.1	4.8	-3.0	2	J	
482	4.7	53	J	6.8	0	53	3.2	4.2	-1.0	4	J	
491	4.7	49	J	6.6	-2	62	2.6	4.7	-1.2	3	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					AUG. 28, 1988							241
1												
2												
3												
4												
5	461	4.6	50	J	6.1	3	343	5.0	-1.3	0.8	3	J
6	468	4.6	58	J	5.9	16	358	5.2	0.4	1.4	2	J
7	462	4.8	47	J	6.3	-7	340	5.6	-2.1	0.3	2	J
8	493	5.4	85	J	6.9	-36	321	3.4	-4.0	-1.4	4	J
9	482	5.4	93	J	6.7	-4	316	4.0	-3.5	1.7	4	J
10	465	4.9	46	J	6.6	-7	346	5.4	-1.5	0.1	3	J
11	483	5.1	96	J	6.3	15	316	3.8	-2.3	3.2	3	J
12	473	4.5	72	J	6.5	-14	343	4.8	-1.9	-0.3	4	J
13	507	4.4	80	J	6.7	9	298	2.5	-3.5	3.2	4	J
14	497	4.4	83	J	6.9	-6	308	3.9	-4.6	1.9	3	J
15	517	4.6	88	J	6.9	7	293	2.5	-4.9	3.5	2	J
16	491	4.7	64	J	7.3	11	320	4.9	-3.2	2.9	3	J
17	470	4.4	57	J	7.4	-19	354	6.7	-1.5	-1.9	2	J
18	480	4.4	85	J	7.0	-10	347	6.0	-1.7	-0.6	3	J
19	478	4.1	70	J	7.2	-19	21	5.9	1.6	-2.7	3	J
20	471	3.9	72	J	7.2	-22	5	6.3	-0.1	-2.6	2	J
21	476	3.8	67	J	7.3	-27	15	5.8	0.9	-3.3	3	J
22	468	3.6	81	J	7.2	-33	11	5.7	0.4	-3.9	2	J
23												
24												
					AUG. 29, 1988							242
431	4.2	82	J	6.7	-13	360	5.8	-0.6	-1.2	3	J	
453	5.0	56	J	7.2	-30	47	3.8	2.0	-4.9	3	J	
434	5.5	135	J	7.4	-36	7	5.9	-1.6	-4.0	1	J	
443	4.8	67	J	7.0	-56	357	3.5	-3.0	-4.3	3	J	
423	4.6	51	J	6.9	-12	334	5.6	-3.0	0.4	3	J	
430	5.0	68	J	6.9	4	314	4.6	-3.8	3.0	2	J	
422	4.7	50	J	6.9	12	311	4.2	-3.3	3.7	2	J	
415	4.5	40	J	6.6	7	319	4.6	-3.1	2.7	2	J	
430	5.2	41	J	6.6	8	306	2.9	-3.2	2.5	4	J	
426	5.7	49	J	6.7	-46	322	2.7	-3.5	-2.3	4	J	
415	5.7	42	J	6.8	-29	340	4.4	-2.5	-1.8	4	J	
439	5.6	45	J	6.8	10	293	1.8	-3.8	2.2	5	J	
449	5.6	48	J	7.0	35	272	0.2	-4.0	5.0	3	J	
430	5.4	55	J	7.1	22	292	2.3	-4.9	3.7	3	J	
416	5.2	40	J	6.7	-26	320	4.1	-3.9	-1.9	3	J	
411	4.7	41	J	6.6	-40	351	4.7	-1.5	-3.8	2	J	
427	5.4	53	J	6.5	16	313	3.5	-3.4	2.1	4	J	
439	5.2	48	J	6.6	-6	293	1.4	-3.2	0.2	6	J	
					AUG. 30, 1988							243
1	417	4.8	40	J	6.8	-45	354	4.4	-1.4	-4.3	2	J
2	406	4.9	39	J	6.7	-33	347	5.1	-1.9	-3.0	2	J
3	435	5.4	54	J	6.8	25	299	2.5	-3.8	3.6	4	J
4	421	5.6	51	J	6.6	-13	328	3.9	-2.6	-0.2	5	J
5	437	6.5	58	J	6.0	-48	35	2.6	0.4	-3.9	4	J
6												
7												
8	412	6.5	34	J	6.0	-23	328	4.6	-3.6	-0.6	0	J
9	415	6.4	40	J	5.9	-20	324	4.2	-3.6	-0.0	2	J
10	437	6.5	57	J	6.0	2	284	1.3	-4.4	3.1	2	J
11	428	6.6	58	J	6.1	28	298	2.3	-2.2	4.6	2	J
12	427	6.6	53	J	6.0	26	301	2.3	-2.0	3.9	3	J
13	416	6.8	41	J	6.2	5	319	4.4	-2.9	2.5	2	J
14	406	6.2	40	J	6.1	1	341	5.3	-1.5	1.0	2	J
15	405	5.9	37	J	5.9	-3	1	5.5	-0.1	-0.3	2	J
16	400	6.1	37	J	6.6	-12	353	5.7	-1.2	-0.8	3	J
17	391	5.4	40	J	6.7	-13	337	5.7	-2.8	-0.4	2	J
18	390	5.6	61	J	6.8	7	354	5.9	-0.3	0.9	3	J
19	400	5.3	40	J	6.9	-1	333	5.2	-2.6	0.6	4	J
20	397	4.9	32	J	6.9	-41	351	5.1	-1.9	-4.2	1	J
21	398	4.7	29	J	6.7	-47	0	4.5	-1.0	-4.7	1	J
22	394	4.8	32	J	6.6	-42	343	4.6	-2.2	-4.0	1	J
23	387	5.2	58	J	6.5	-15	343	5.4	-1.9	-1.2	3	J
24	397	5.2	47	J	6.5	10	330	4.7	-2.5	1.4	3	J
					AUG. 31, 1988							244
389	5.5	51	J	6.8	-19	24	5.1	1.8	-2.3	3	J	
395	5.7	35	J	6.7	-19	328	4.2	-2.9	-1.0	4	J	
404	5.7	37	J	6.9	19	303	3.1	-4.0	3.2	3	J	
383	5.7	33	J	6.8	2	335	5.3	-2.3	1.0	3	J	
383	5.4	54	J	6.7	-41	342	4.7	-3.0	-3.5	1	J	
					SEP. 1, 1988							245
1	557	7.5	302	J	10.9	0	312	6.0	-6.5	1.4	6	J
2	561	8.4	284	J	10.9	-25	306	4.2	-6.4	-1.9	7	J
3	584	9.2	341	J	10.4	-43	304	2.9	-5.4	-3.4	8	J
4	562	8.6	351	J	9.8	-19	312	4.9	-6.0	-0.6	6	J
5	541	8.1	374	J	9.8	-33	328	6.3	-5.4	-3.0	4	J
6												
7												
8												
9												
10												
11												
12												
13	596	4.3	185	J	4.8	-53	279	0.4	-3.5	-1.3	3	J
14	584	4.2	151	J	4.5	-12	316	2.0	-1.9	0.5	3	J
15	565	4.3	179	J	4.3	-4	327	3.3	-2.0	0.8	2	J
16	555	3.8	146	J	4.5	-30	359	3.5	-0.9	-1.8	2	J
17	553	3.8	151	J	4.5	-28	336	3.2	-2.0	-1.2	2	J
18	543	4.1	176	J	4.7	-25	335	3.6	-2.2	-1.2	2	J
19	571	4.0	96	J	4.9	23	277	0.5	-3.1	2.6	3	J
20	546	3.7	89	J	4.9	5	294	1.7	-3.5	1.3	3	J
21	517	3.5	73	J	5.4	13	344	4.2	-1.0	1.2	3	J
22	517	3.3	69	J	5.3	-27	322	3.4	-3.1	-1.7	2	J
23	518	3.3	73	J	5.3	-22	310	3.0	-3.8	-1.2	2	J
24	533	3.0	61	J	5.4	1	291	1.8	-4.5	1.0	2	J
					SEP. 2, 1988							246
					5.4	-26	319	3.5	-3.4	-1.6	2	J
515	4.2	58	J	5.5	-19	314	3.5	-3.9	-0.8	1	J	
498	4.2	108	J	6.4	-10	339	5.8	-2.4	-0.4	3	J	
502	4.5	73	J	5.8	-22	351	5.3	-1.5	-1.8	1	J	
501	4.4	61	J	5.7	-31	345	4.7	-2.3	-2.3	1	J	
506	4.7	64	J	5.7	-29	328	4.2	-3.5	-1.4	1	J	
					SEP. 7, 1988							251
1	391	4.9	65	J								
2	388	4.9	55	J	5.8	-13	283	1.1	-5.0	0.1	3	J
3	380	5.5	86	J	5.2	-20	303	2.4	-3.9	-0.5	2	J
4	387	5.3	74	J	5.3	7	290	1.7	-4.1	2.1	2	J
5	384	5.6	83	J	4.8	-10	305	2.1	-3.1	0.6	3	J
6	387	5.6	82	J	4.3	-66	62	0.8	-0.3	-3.9	2	J
7	388	5.5	95	J	2.9	-34	48	1.4	0.7	-2.0	2	J
8	393	5.0	122	J	3.5	-5	5	3.0	0.1	-0.4	2	J
9	400	5.0	103	J	3.6	-61	350	1.0	-1.1	-1.4	3	J
10	389	4.8	70	J	3.6	-41	354	2.2	-1.2	-1.5	2	J
11	365	5.5	73	J	5.2	2	357	5.0	-0.1	0.3	1	J
12	358	6.4	160	J	4.4	-3	1	4.2	-0.1	-0.2	1	J
13	370	5.5	67	J	4.3	-20	22	3.4	0.4	-1.9	2	J
14	355	4.5	40	J	6.0	6	328	4.8	-2.3	2.1	2	J
15	349	4.8	35	J	6.7	13	327	5.4	-2.3	3.0	1	J
16	348	5.4	39	J	6.1	16	317	4.2	-2.8	3.2	1	J
17	346	6.1	44	J	5.9	7	315	4.1	-3.5	2.3	1	J
18	342	7.2	31	J	6.8	20	328	5.3	-2.3	3.3	1	J
19	346	9.3	46	J	6.3	14	314	4.1	-3.6	2.7	2	J
20												
21												
22												
23												
24												
					SEP. 8, 1988							252
371	8.5	40	J	8.6	46	47	4.1	5.8	4.9	1	J	
380	6.8	99	J	7.2	47	4	4.6	1.8	4.7	3	J	
390	6.5	170	J	6.2	21	331	4.7	-1.8	2.8	2	J	
392	6.9	235	J	5.6	3	2	5.0	0.3	0.2	2	J	
402	6.8	129	J	3.8	-62	330	1.5	-2.1	-2.5	1	J	
399	5.6	145	J	5.1	3	335	4.3	-1.7	1.2	2	J	
394	5.7	159	J	6.5	8	333	5.6	-2.0	2.2	1	J	
395	5.8	141	J	6.4	19	336	5.4	-0.9	3.0	1	J	
387	6.3	130	J	5.6	34	5	4.3	1.9	2.2	2	J	
394	9.8	97	J	1.6	0	133	-0.8	0.7	-0.5	1	J	
386	6.3	101	J	3.6	-5	352	2.5	-0.4	0.0	3	J	
393	5.8	257	J	4.3	0	353	4.1	-0.4	0.3	1	J	
394	6.3	182	J	3.4	11	351	2.9	-0.1	0.7	2	J	
377	5.2	77	J	5.0	-11	358	4.7	-0.6	-0.7	1	J	
379	6.2	69	J	5.3	2	326	3.4	-2.0	1.0	3	J	
384	8.0	85	J	5.6	-54	46	1.9	0.5	-4.2	3	J	
386	8.4	69	J	5.0	-31	80	0.7	3.1	-3.6	1	J	
363	8.5	50	J	5.3	-10	14	4.9	1.0	-1.1	1	J	
358	8.4	60	J	5.4	-18	22	4.7	1.5	-2.0	1	J	
350	8.8	74	J	5.5	-4	23	5.0	2.0	-0.8	1	J	
352	8.7	89	J	5.4	13	10	5.1	1.1	1.0	1	J	

11.4 -36 340 8.4 -5.8 -4.3 2 J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					SEP. 9, 1988							253
1	345	7.6	111	J	5.5	12	8	5.3	1.0	0.9	1	J
2												
3												
4	385	5.1	66	J	6.6	30	45	4.0	4.8	1.7	1	J
5	380	6.2	82	J	5.5	38	6	3.8	1.5	2.6	2	J
6	369	4.4	74	J	5.4	21	328	4.2	-1.5	2.8	1	J
7	371	5.3	71	J	5.2	14	300	2.1	-2.7	2.7	3	J
8	340	5.3	35	J	5.8	29	325	4.1	-1.0	3.8	1	J
9	335	5.9	42	J	6.1	12	321	4.4	-2.4	2.9	2	J
10	338	7.0	40	J	5.9	3	296	2.4	-3.9	3.0	2	J
11	351	7.3	46	J	5.9	-18	279	0.8	-4.9	1.4	3	J
12	338	6.9	36	J	5.2	-19	294	1.7	-3.9	0.9	3	J
13	333	7.3	44	J	5.5	-27	286	1.3	-5.0	0.5	2	J
14	343	8.0	52	J	5.5	-13	258	-0.9	-4.2	1.4	3	J
15	350	7.6	46	J	6.0	-2	235	-3.0	-3.8	1.9	3	J
16	336	7.2	39	J	5.4	3	272	0.2	-4.1	2.3	3	J
17	323	7.6	53	J	5.9	16	310	3.3	-3.0	2.9	2	J
18	336	8.9	39	J	6.9	4	278	0.8	-5.4	2.4	3	J
19	332	9.6	36	J	6.9	-50	264	-0.4	-5.3	-3.4	3	J
20	336	10.2	39	J	6.8	-36	243	-1.9	-4.4	-2.0	4	J
21	343	10.2	40	J	6.7	22	215	-4.6	-2.6	3.0	3	J
22	343	10.2	35	J	6.5	-15	212	-4.7	-3.2	-0.8	3	J
23	332	10.7	32	J	6.2	-17	239	-2.7	-4.7	-0.7	3	J
24	331	11.0	35	J	6.1	-1	240	-2.5	-4.3	0.8	3	J
					SEP. 10, 1988							254
	323	11.1	30	J	6.2	22	262	-0.8	-4.9	3.4	2	J
	324	12.0	28	J	6.2	33	239	-2.3	-3.0	3.8	3	J
	326	13.3	28	J	5.7	6	218	-4.2	-3.0	1.5	2	J
	324	14.2	24	J	6.4	40	257	-1.1	-2.8	5.6	1	J
	323	14.5	27	J	6.3	40	236	-2.6	-1.8	5.1	2	J
	317	14.5	27	J	5.1	-7	213	-2.8	-1.8	0.5	4	J
	310	15.0	42	J	4.6	11	313	2.0	-1.6	1.6	4	J
	310	15.8	36	J	5.8	23	318	3.1	-1.4	3.0	4	J
	307	18.9	26	J	6.1	-49	287	1.2	-5.7	-1.6	1	J
	308	18.9	26	J	7.8	0	280	1.1	-5.2	3.6	5	J
	313	21.0	32	J	7.8	72	245	-1.0	2.3	7.3	1	J
					6.9	57	277	0.4	-0.4	6.7	2	J
	317	34.6	28	J	6.8	57	317	2.5	0.3	5.8	3	J
	336	48.1	16	J	8.1	88	66	0.1	3.3	7.1	2	J
	346	31.4	53	J	11.3	12	127	-5.8	7.9	-0.7	6	J
	354	27.3	85	J	13.6	17	123	-7.0	11.4	0.5	2	J
	348	27.0	68	J	13.7	-1	138	-9.9	8.5	-2.5	4	J
	343	27.2	52	J	13.1	-41	148	-8.3	3.1	-9.4	2	J
	336	26.8	33	J	12.2	-34	150	-8.2	3.3	-7.2	5	J
	336	22.5	39	J	11.2	-29	164	-8.6	1.4	-5.3	5	J
					SEP. 11, 1988							255
1												
2												
3												
4												
5												
6												
7	426	26.0	122	J	9.0	-14	131	-3.2	2.6	-2.8	8	J
8	445	19.0	77	J	13.3	-46	6	9.1	-4.1	-8.6	2	J
9	445	21.6	110	J	11.5	-40	358	8.5	-4.1	-5.8	4	J
10	431	12.1	209	J	11.0	-41	110	-2.4	2.1	-8.8	6	J
11	445	10.2	175	J	12.2	-34	123	-5.4	3.0	-10.2	3	J
12	456	10.9	184	J	13.8	-34	131	-7.3	2.7	-10.9	3	J
13	464	9.9	181	J	14.1	-30	129	-7.4	3.9	-10.6	4	J
14	513	10.4	275	J	13.6	47	175	-7.9	5.0	6.9	7	J
15	531	9.9	327	J	10.9	-15	146	-6.8	2.9	-4.2	7	J
16	538	11.1	258	J	13.6	4	123	-5.4	7.8	-3.1	9	J
17	514	10.9	220	J	13.0	3	135	-8.2	7.8	-2.7	6	J
18	505	10.5	184	J	13.0	4	138	-8.2	7.2	-1.8	7	J
19	498	9.9	158	J	12.4	29	172	-9.5	2.9	4.7	6	J
20	522	10.8	210	J	12.2	-14	131	-6.0	6.1	-4.0	7	J
21	534	10.4	204	J	11.9	-25	130	-5.8	5.8	-5.7	6	J
22	526	10.2	168	J	12.3	-2	125	-6.3	8.7	-2.3	5	J
23	519	10.5	175	J	11.9	-31	135	-6.9	5.6	-7.1	3	J
24	514	11.2	175	J	10.9	-35	148	-7.0	3.1	-6.6	4	J
					SEP. 12, 1988							256
	489	10.9	115	J	11.4	-6	148	-9.3	5.4	-2.4	3	J
	528	5.6	116	J	6.3	32	182	-5.3	1.6	2.9	1	J
	522	6.0	123	J	6.3	36	192	-4.9	1.2	3.6	1	J
	528	5.6	131	J	6.3	39	210	-4.2	0.2	4.6	1	J
	527	5.2	140	J	5.7	37	191	-3.8	1.0	2.8	3	J
	519	4.5	91	J	5.7	13	160	-4.0	1.8	0.0	4	J
	538	4.4	113	J	5.4	6	102	-1.1	4.6	-2.2	2	J
	526	4.6	131	J	4.8	16	148	-2.6	1.9	-0.0	3	J
	531	4.6	119	J	4.6	-36	170	-3.0	-0.5	-2.2	3	J
	516	4.4	80	J	4.6	-7	181	-4.0	-0.3	-0.4	2	J
	509	4.5	53	J	5.0	-10	168	-4.6	0.6	-1.1	1	J
	509	4.9	51	J	5.2	8	160	-4.8	1.9	0.2	1	J
	502	4.8	48	J	5.2	14	172	-4.8	1.0	1.0	1	J
	502	4.4	48	J	4.6	-1	175	-4.5	0.4	-0.2	1	J
	497	4.8	68	J	5.2	9	153	-4.6	2.5	0.3	1	J
	498	4.5	62	J	4.8	9	159	-4.2	1.7	0.4	1	J
	495	4.9	75	J	4.8	30	157	-3.1	1.7	1.6	3	J
					SEP. 13, 1988							257
1	490	4.5	69	J	4.9	46	166	-2.8	1.4	2.8	3	J
2	471	4.6	87	J	4.9	-1	160	-4.5	1.6	-0.5	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11	453	5.6	82	J	4.4	1	113	-1.5	3.0	-2.0	2	J
12	443	5.2	105	J	4.4	-19	142	-2.9	1.2	-2.3	2	J
13	430	5.3	128	J	4.6	-12	162	-4.1	0.6	-1.5	1	J
14	432	5.2	78	J	4.1	-14	147	-2.4	0.9	-1.4	3	J
15	446	5.7	41	J	4.6	7	95	-0.3	2.9	-1.2	3	J
16	446	6.0	59	J	4.4	-28	104	-0.8	2.1	-3.0	2	J
17	434	6.1	55	J	4.3	15	112	-1.3	3.3	-0.4	2	J
18												
19												
20												
21												
22												
23												
24												
					SEP. 14, 1988							258
	418	5.8	45	J	4.8	-23	119	-1.9	2.9	-2.4	2	J
	417	5.8	39	J	4.6	66	146	-1.0	1.3	2.4	4	J
	406	5.8	61	J	4.7	-3	121	-2.0	3.0	-1.2	3	J
	420	5.8	59	J	5.1	-31	124	-2.3	2.3	-3.4	2	J
					5.3	-13	167	-5.0	0.3	-1.6	1	J
	380	5.7	55	J	5.3	-3	177	-4.6	0.1	-0.3	3	J
	402	5.8	52	J	5.1	12	135	-2.1	2.2	-0.5	4	J
	409	6.1	48	J	5.4	20	104	-1.1	4.8	-0.5	2	J
	402	5.9	53	J	5.5	-15	114	-1.8	3.2	-2.7	3	J
	397	5.7	49	J	5.4	22	128	-2.5	3.6	0.4	3	J
	396	5.7	47	J	5.3	5	129	-2.6	3.2	-0.6	3	J
	380	5.7	44	J	5.2	-14	161	-4.4	1.2	-1.5	2	J
	374	6.2	33	J	5.9	-25	173	-5.1	0.1	-2.5	1	J
	379	6.2	35	J	5.8	13	136	-3.5	3.5	0.4	3	J
	410	6.3	43	J	5.6	-5	104	-1.3	4.9	-1.5	2	J
	413	5.9	34	J	5.7	2	93	-0.3	5.4	-1.0	1	J
					SEP. 15, 1988							259
1	405	6.0	34	J	5.7	0	99	-0.8	5.2	-1.2	2	J
2					5.6	-16	106	-1.5	4.5	-2.8	1	J
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					SEP. 20, 1988							264
	511	9.3	85	J	10.3	-4	323	8.0	-6.0	0.7	2	J
	519	11.3	135	J	9.7	0	326	6.0	-3.9	1.1	6	J
	524	11.9	157	J	8.7	47	334	3.9	-0.4	5.0	6	J
	503	10.5	128	J	9.6	17	324	6.0	-3.3	3.7	6	J
	499	9.5	129	J	9.3	-8	323	6.8	-5.2	0.9	3	J
	498	9.4	141	J	8.9	2	333	6.4	-2.8	1.7	5	J
	510	8.6	151	J	9.0	0	319	5.4	-4.1	2.3	5	J
	552	8.5	263	J	7.6	25	302	2.7	-2.4	4.3	5	J
	563	5.7	224	J	8.1	-2	329	6.3	-3.3	1.9	4	J
	576	4.4	122	J	10.5	-6	328	8.4	-4.9	2.1	3	J
	597	4.9	185	J	10.7	-3	311	6.4	-6.4	3.8	4	J
	578	4.8	128	J	10.4	-9	321	7.4	-5.8	2.1	4	J
	576	4.7	107	J	10.3	8	327	7.6	-3.4	3.8	5	J
	567	4.1	84	J	10.5	5	318	7.4	-5.2	4.2	3	J
	562	4.2	69	J	10.4	3	324	7.9	-4.8	3.3	3	J
	553	3.8	61	J	9.9	-7	325	7.8	-5.4	1.4	2	J
	569	4.2	94	J	10.1	1	314	6.7	-6.3	2.9	3	J
	551	4.2	68	J	7.6	-9	335	6.5	-3.2	-0.4	1	J
	551	4.6	82	J	8.1	10	331	6.7	-3.3	2.1	2	J
	551	4.7	92	J	7.5	9	338	6.2	-2.2	1.6	3	J
	538	4.8	101	J	7.5	4	348	7.1	-1.4	0.8	2	J

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3	570	4.9	120	J	6.8	7	297	2.1	-3.8	1.8	5	J
4	514	4.3	63	J	6.4	0	334	5.5	-2.5	0.9	2	J
5	508	4.3	47	J	6.8	-1	332	5.7	-2.8	1.1	2	J
6	516	4.5	61	J	6.6	20	327	4.8	-1.9	3.3	3	J
7	510	4.6	50	J	7.0	17	333	5.6	-1.6	3.1	2	J
8	505	4.5	43	J	7.2	12	352	6.9	-0.1	1.8	1	J
9	502	4.5	45	J	6.5	9	343	5.7	-0.9	1.7	3	J
10	517	5.9	61	J	6.2	15	299	2.7	-3.1	3.9	3	J
11	523	6.9	92	J	5.8	15	301	2.2	-2.3	3.0	4	J
12	521	7.3	85	J	6.3	-38	310	2.5	-4.2	-0.8	4	J
13	532	7.7	99	J	6.1	-9	276	0.4	-3.5	1.6	5	J
14	527	7.5	83	J	6.0	5	262	-0.8	-4.5	3.4	2	J
15	512	7.0	69	J	5.1	16	267	-0.2	-2.9	3.0	3	J
16	506	5.8	59	J	5.6	9	290	1.7	-3.8	2.8	3	J
17	503	5.9	55	J	6.2	16	291	2.1	-4.3	3.7	1	J
18	497	6.2	67	J	6.1	12	303	3.0	-3.9	2.7	2	J
19	507	5.9	55	J	6.7	-13	276	0.6	-6.0	0.5	3	J
20	507	6.0	51	J	6.9	-26	271	0.1	-6.1	-1.1	3	J
21												
22												
23	509	5.7	93	J	6.3	-14	279	0.9	-5.8	-0.2	2	J
24	481	5.9	110	J	5.9	16	12	4.8	1.3	1.2	3	J

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VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
474	5.6	114	J	6.0	5	325	4.4	-2.9	1.2	3	J
499	5.6	82	J	6.0	-20	288	1.6	-5.3	-0.5	2	J
509	6.7	99	J	7.0	-22	285	1.5	-6.2	-0.3	3	J
526	5.6	81	J	7.4	-46	251	-1.4	-5.6	-2.5	4	J
533	7.0	100	J	6.3	-56	171	-3.2	-1.7	-4.5	2	J
541	5.9	113	J	6.6	-38	206	-4.3	-3.7	-2.3	2	J
531	5.8	103	J	6.0	-33	224	-3.0	-3.9	-0.8	3	J
516	5.2	91	J	5.4	-14	266	-0.3	-3.6	1.3	4	J
503	5.1	93	J	5.5	-40	357	2.7	-1.4	-1.8	4	J
505	4.8	85	J	6.2	-47	291	1.2	-4.8	-1.2	3	J
507	4.5	89	J	6.2	-14	268	-0.2	-4.4	1.6	4	J
506	5.1	62	J	6.3	-39	268	-0.1	-3.7	-0.4	5	J
509	5.7	54	J	6.4	-11	260	-1.0	-5.4	2.0	3	J
489	6.0	69	J	6.6	-20	282	1.2	-5.9	0.9	2	J
484	6.8	79	J	7.6	-74	47	1.3	-1.7	-6.4	4	J
492	6.8	87	J	6.8	30	284	1.1	-3.1	4.3	4	J
497	6.5	66	J	7.7	28	279	1.0	-4.8	5.4	2	J
471	6.3	98	J	6.7	36	323	3.6	-1.6	4.0	4	J
488	6.0	97	J	5.7	23	293	1.2	-2.3	1.9	5	J
471	5.7	139	J	5.1	21	335	2.5	-0.9	1.3	4	J
453	5.2	150	J	4.9	-7	17	4.3	1.2	-0.8	2	J
470	5.4	100	J	5.3	18	296	1.9	-3.5	2.2	3	J
465	6.2	83	J	5.7	-1	305	3.1	-4.3	0.9	2	J

SEP. 23, 1988 — 267

1	462	7.1	91	J	6.1	-32	322	3.4	-3.2	-2.0	3	J
2	491	7.6	100	J	6.7	40	288	1.4	-3.3	5.0	3	J
3	448	5.7	78	J	7.0	-15	334	5.7	-3.2	-0.8	2	J
4	438	5.8	72	J	7.1	-15	344	6.5	-2.4	-1.0	1	J
5												
6	528	4.6	129	J	6.8	-65	55	0.8	-0.3	-3.4	6	J
7	517	4.3	115	J	6.2	-9	348	4.8	-1.3	-0.2	4	J
8	531	4.6	169	J	6.7	22	302	2.9	-2.8	4.3	3	J
9	509	4.4	106	J	6.7	5	324	5.2	-2.9	2.6	2	J
10	507	4.5	100	J	6.7	18	321	4.5	-1.9	3.6	3	J
11	513	4.9	106	J	6.5	13	309	3.7	-3.0	3.8	2	J
12	510	4.8	94	J	6.2	14	315	3.8	-2.4	3.3	3	J
13	516	5.2	121	J	6.2	8	311	3.5	-3.0	2.8	3	J
14	528	5.0	127	J	6.2	12	293	1.6	-2.8	2.8	4	J
15	515	4.7	97	J	6.2	26	309	3.2	-2.2	4.1	3	J
16	487	4.7	115	J	6.3	4	329	5.2	-2.6	1.8	2	J
17	497	4.8	92	J	7.3	26	301	3.0	-3.4	4.5	4	J
18	513	4.1	60	J	7.0	34	263	-0.7	-4.0	5.6	1	J
19	511	4.5	58	J	7.0	20	268	-0.2	-5.4	4.2	1	J
20	512	4.3	89	J	6.7	10	281	1.1	-5.3	2.5	3	J
21	536	4.4	135	J	6.0	-9	278	0.7	-4.9	0.4	3	J
22	537	4.7	177	J	5.3	-40	312	2.1	-2.8	-2.1	3	J
23	547	3.9	142	J	5.7	32	249	-1.2	-2.5	2.6	4	J
24					5.1	63	279	0.3	-0.9	3.7	3	J

SEP. 24, 1988 — 268

551	3.6	144	J	5.5	49	233	-2.0	-1.7	4.4	2	J
508	3.7	69	J	4.9	-16	333	4.1	-2.5	-0.1	0	J
522	3.3	79	J	5.2	14	319	3.0	-1.7	2.2	3	J
518	2.9	64	J	5.7	34	347	4.4	0.8	3.1	2	J
522	3.3	68	J	5.6	-12	346	4.3	-1.4	-0.2	3	J
507	3.0	48	J	5.6	-7	357	5.2	-0.6	-0.4	2	J
507	3.0	45	J	5.7	-6	351	5.3	-1.0	0.0	2	J
517	3.1	67	J	5.6	-11	323	4.2	-3.2	0.9	2	J
526	3.1	64	J	5.5	9	304	2.8	-3.1	2.9	2	J
525	3.4	86	J	5.6	10	299	2.6	-3.6	3.1	1	J
529	3.1	72	J	5.4	10	291	1.6	-3.3	2.5	3	J
524	3.2	78	J	5.5	53	286	0.6	-0.8	3.5	4	J
505	3.3	109	J	5.4	11	325	3.6	-2.1	1.7	3	J
501	3.5	99	J	5.4	34	338	3.2	-0.5	2.6	3	J
483	4.0	105	J	6.2	-3	343	5.3	-1.7	0.1	3	J
487	3.6	95	J	5.6	-41	354	3.8	-1.1	-3.1	2	J
489	3.6	80	J	5.5	-24	319	2.9	-2.8	-1.1	3	J
494	3.7	98	J	5.2	-16	311	2.5	-3.1	-0.5	3	J
469	3.4	74	J	5.4	-26	346	4.2	-1.5	-1.8	2	J

SEP. 25, 1988 — 269

1	471	3.1	63	J	5.5	-25	12	4.8	0.5	-2.5	1	J
2												
3												
4												
5												
6												
7												
8												
9	399	3.0	30	J	5.8	2	8	5.6	0.8	-0.3	1	J
10	420	4.0	38	J	5.7	-6	314	3.3	-3.1	1.5	3	J
11	428	4.0	45	J	5.9	33	302	2.4	-1.5	4.7	2	J
12	419	4.7	36	J	6.3	-5	306	3.5	-4.3	2.3	2	J
13	412	4.7	31	J	6.3	-24	329	4.6	-3.6	-0.5	2	J
14	404	3.9	37	J	5.9	-34	13	4.5	-0.7	-3.2	2	J
15	402	4.0	50	J	5.2	-32	348	4.1	-2.0	-1.8	2	J
16	417	4.1	44	J	5.4	-61	1	2.4	-1.9	-3.9	2	J
17	424	4.4	51	J	5.2	-20	292	1.4	-3.7	0.1	3	J
18	408	4.4	50	J	5.1	-37	355	3.3	-1.2	-2.3	3	J
19	396	4.5	47	J	5.2	-13	331	3.7	-2.2	-0.3	3	J
20	404	4.6	44	J	5.3	-4	290	1.7	-4.6	0.9	2	J
21	419	5.1	42	J	5.3	-56	250	-0.9	-3.2	-3.1	3	J
22	414	5.2	40	J	4.9	-80	277	0.1	-1.4	-3.5	3	J
23	403	5.1	47	J	4.8	-7	298	1.5	-2.8	0.2	4	J
24	418	5.6	37	J	5.3	8	264	-0.5	-4.6	1.7	2	J

SEP. 26, 1988 — 270

407	5.0	31	J	5.6	6	281	1.0	-4.8	1.7	2	J
411	5.2	29	J	6.0	24	265	-0.5	-4.6	3.7	1	J
420	16.4	48	J	11.6	13	298	5.2	-6.6	7.7	2	J
419	15.6	41	J	12.0	-15	304	6.0	-9.0	2.7	5	J
459	9.7	177	J	9.6	37	294	2.4	-2.1	6.7	6	J
478	7.6	225	J	8.8	34	309	4.0	-2.0	6.2	4	J
478	6.7	251	J	7.0	46	308	2.7	-0.8	5.5	4	J
495	6.0	217	J	8.9	33	13	6.4	3.2	3.2	4	J
492	4.7	108	J	8.6	24	4	7.1	1.7	2.7	3	J
499	4.8	124	J	8.3	27	356	6.0	0.7	3.0	5	J
509	4.8	160	J	7.4	47	358	4.4	1.3	4.5	4	J
506	4.8	162	J	7.5	31	314	3.9	-3.0	4.3	4	J
501	4.5	157	J	8.3	29	315	4.5	-3.6	4.5	4	J
475	5.0	180	J	7.9	-1	349	7.5	-1.4	0.2	2	J
483	4.7	160	J	7.2	12	331	5.4	-2.7	1.9	3	J
513	2.9	85	J	6.2	-4	330	4.8	-2.8	0.2	3	J

SEP. 27, 1988 — 271

1	507	2.5	57	J	6.1	-7	336	5.3	-2.5	-0.1	2	J
2					6.3	-7	334	5.5	-2.8	-0.0	1	J
3					6.5	2	329	5.2	-2.9	1.2	2	J
4					6.3	6	319	4.6	-3.5	2.0	1	J
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					6.2	20	348	5.4	0.1	2.3	2	J
15					6.2	17	341	5.0	-0.7	2.2	3	J
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 2, 1988 — 276

443	3.5	36	J	6.9	29	274	0.4	-3.6	5.7	2	J
430	3.2	46	J	6.9	22	293	2.4	-3.9	4.6	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 3, 1988							277
1	376	3.9	27	J	5.0	29	316	2.7	-2.1	2.6	3	J
2	396	3.8	35	J	4.8	30	323	2.7	-1.5	2.4	3	J
3	374	3.6	28	J	4.9	30	332	3.4	-1.1	2.6	2	J
4	371	3.6	27	J	5.1	12	324	3.8	-2.2	1.9	1	J
5	371	3.5	28	J	5.0	8	322	3.5	-2.3	1.7	2	J
6	380	3.6	28	J	5.0	25	316	2.9	-1.7	2.9	2	J
7					5.2	18	335	4.5	-1.0	2.4	1	J
8												
9	360	4.0	46	J	5.0	4	9	4.6	0.8	-0.1	2	J
10	359	3.9	32	J	5.2	13	334	4.4	-1.1	2.1	1	J
11	353	4.0	31	J	5.6	11	330	4.7	-1.6	2.4	1	J
12	343	3.8	35	J	5.6	9	355	5.5	0.1	1.0	1	J
13	342	3.5	33	J	5.4	7	352	5.2	-0.3	0.9	1	J
14	344	3.1	28	J	4.7	3	346	4.4	-0.8	0.8	1	J
15	344	3.0	29	J	4.5	-3	344	4.1	-1.1	0.4	1	J
16	341	3.3	24	J	4.6	9	340	4.1	-1.0	1.3	1	J
17	339	3.6	22	J	4.9	8	330	4.0	-1.9	1.5	1	J
18	339	3.6	20	J	4.8	0	327	3.9	-2.4	0.9	1	J
19	339	3.8	19	J	4.7	3	324	3.7	-2.5	1.0	1	J
20												
21												
22	389	6.0	34	J	4.8	24	257	-1.0	-3.7	2.7	1	J
23	385	6.0	26	J	5.6	29	259	-0.9	-4.1	3.6	1	J
24	377	6.7	25	J	5.4	29	264	-0.5	-4.0	3.5	1	J
					OCT. 5, 1988							279
1	401	19.3	149	J	10.2	2	72	2.3	6.8	-1.3	8	J
2	403	16.4	159	J	12.5	-15	66	3.1	6.3	-3.8	10	J
3	408	20.1	119	J	12.7	-34	73	2.4	5.7	-7.5	8	J
4												
5	373	32.5	25	J	15.4	87	186	-0.8	5.8	13.8	4	J
6	375	33.8	51	J	13.2	45	264	-0.9	-4.0	11.8	4	J
7	375	22.2	82	J	11.1	22	262	-1.2	-6.0	7.4	6	J
8	377	17.0	71	J	10.4	57	274	0.4	-0.3	9.8	4	J
9	388	12.6	42	J	12.0	80	268	-0.1	3.6	8.5	8	J
10	410	23.7	36	J	9.4	27	76	2.0	8.8	-1.0	2	J
11	414	16.2	27	J	8.9	32	67	2.9	8.3	-0.0	1	J
12	415	14.5	36	J	7.5	18	74	1.9	6.9	-1.9	1	J
13	425	12.2	38	J	7.4	11	64	3.1	6.0	-2.2	2	J
14	431	14.1	40	J	7.0	20	52	3.9	5.4	-0.6	2	J
15	423	16.4	37	J	7.0	45	76	1.1	6.1	1.9	2	J
16	417	16.9	27	J	5.6	45	12	3.8	2.4	3.2	1	J
17	420	17.5	33	J	4.7	43	52	1.6	2.9	1.5	3	J
18	424	19.5	27	J	3.3	10	153	-1.1	0.6	0.0	3	J
19	414	15.5	35	J	4.2	4	43	2.6	2.4	-0.5	2	J
20	417	11.5	51	J	3.3	-43	20	1.4	0.1	-1.4	3	J
21	416	12.7	38	J	3.8	-67	95	-0.1	0.5	-3.0	2	J
22	414	11.5	33	J	3.0	-77	231	-0.4	-1.0	-2.4	2	J
23	416	13.7	30	J	2.1	3	9	1.7	0.3	0.0	1	J
24	400	12.2	46	J	3.0	-59	323	1.0	-1.2	-1.9	2	J
					OCT. 7, 1988							281
1	475	9.1	44	J	10.3	18	283	2.2	-8.4	5.1	2	J
2	471	10.6	41	J	10.4	12	277	1.2	-9.1	4.5	2	J
3	476	11.4	55	J	11.3	26	284	2.4	-7.8	7.5	2	J
4	459	12.1	42	J	11.2	29	267	-0.5	-7.2	8.3	2	J
5	458	11.9	42	J	11.3	26	267	-0.5	-7.2	8.3	3	J
6												
7												
8	450	11.7	37	J	9.0	47	221	-4.5	-0.0	7.5	2	J
9	431	13.3	62	J	6.4	41	159	-4.4	3.7	2.5	2	J
10	428	11.4	73	J	6.2	20	180	-5.6	1.1	1.7	2	J
11	431	9.3	59	J	5.7	-3	178	-5.4	-0.0	-0.3	2	J
12	428	9.7	55	J	5.1	-12	152	-4.2	1.3	-2.1	1	J
13	440	7.0	32	J	5.8	10	178	-5.7	0.7	0.7	1	J
14	422	8.1	41	J	5.7	4	166	-4.8	1.2	-0.3	3	J
15	414	7.6	50	J	5.3	6	171	-4.8	0.9	0.1	2	J
16	411	7.6	73	J	4.8	12	178	-4.7	0.6	0.8	1	J
17	409	7.7	75	J	4.7	4	171	-4.5	0.8	0.0	1	J
18	413	7.0	41	J	4.6	-13	154	-3.9	1.5	-1.6	1	J
19	409	6.8	44	J	4.0	-17	174	-3.6	0.0	-1.2	1	J
20	405	7.1	37	J	4.0	4	196	-3.5	-0.9	0.5	2	J
21	406	6.8	28	J	4.4	-15	200	-3.7	-1.6	-0.7	2	J
22	408	6.8	34	J	4.6	-21	183	-4.2	-0.5	-1.5	1	J
23	403	7.2	41	J	4.5	-8	166	-4.1	0.9	-0.8	1	J
24	404	6.9	38	J	4.9	-7	174	-4.7	0.4	-0.7	1	J
					OCT. 9, 1988							283
1	389	13.5	48	J	4.9	61	328	1.3	-0.2	2.9	4	J
2	381	12.2	49	J	6.0	-28	134	-3.3	2.7	-3.3	3	J
3	395	9.9	87	J	4.9	-25	128	-2.6	2.6	-2.8	2	J
4												
5												
6												
7												
8												
9												
10												
11												
12	436	12.9	144	J	9.3	-54	215	-4.4	-6.6	-4.4	2	J
13	420	10.9	78	J	8.5	-19	152	-5.8	1.4	-3.5	5	J
14	443	12.5	143	J	8.0	1	115	-3.0	5.5	-3.1	4	J
15	428	11.6	124	J	8.1	-11	132	-4.7	3.9	-3.6	4	J
16	438	10.2	117	J	9.2	7	112	-2.8	6.7	-2.1	5	J
17	442	9.6	101	J	9.5	-7	108	-2.5	6.6	-3.8	5	J
18	431	8.3	90	J	9.6	-3	116	-3.7	7.1	-2.9	4	J
19	418	7.3	74	J	10.0	-6	121	-5.0	7.7	-3.4	2	J
20	412	6.8	69	J	10.0	-12	123	-5.3	7.4	-4.0	2	J
21	411	6.7	65	J	9.8	-9	122	-5.1	7.6	-3.2	1	J
22	404	7.5	60	J	9.4	-9	126	-5.4	7.0	-2.9	1	J
23	402	7.7	51	J	9.3	4	123	-5.0	7.7	-0.8	1	J
24	401	5.9	48	J	9.7	3	118	-4.5	8.4	-1.2	2	J

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
				OCT. 4, 1988							278
375	6.1	18	J	5.4	34	260	-0.7	-3.5	3.8	1	J
360	6.0	22	J	5.2	44	270	-0.0	-2.5	4.5	1	J
351	5.7	22	J	5.4	48	264	-0.4	-2.0	4.9	1	J
345	5.1	21	J	5.6	38	286	1.2	-2.5	4.7	1	J
341	7.6	20	J	4.9	30	292	1.6	-2.5	3.9	1	J
326	15.4	17	J	3.2	15	289	0.8	-1.6	1.6	2	J
324	16.3	15	J	3.2	38	114	-0.9	2.7	0.4	1	J
320	15.3	15	J	3.6	78	115	-0.3	2.3	2.4	1	J
319	15.8	18	J	3.7	42	270	-0.0	-0.8	3.4	1	J
316	20.4	20	J	3.5	73	344	0.7	1.1	2.0	3	J
308	23.2	18	J	3.8	69	289	0.4	0.8	3.3	2	J
309	21.7	18	J	4.1	60	274	0.1	0.2	3.8	1	J
306	21.5	16	J	4.4	68	264	-0.2	0.7	4.1	1	J
306	20.4	17	J	5.2	24	287	1.0	-2.2	2.9	4	J
302	19.4	13	J	4.8	-5	279	0.7	-4.2	1.6	1	J
300	20.4	18	J	4.6	-4	303	2.1	-3.0	1.0	3	J
298	24.3	24	J	5.0	29	344	3.9	-0.3	2.5	2	J
294	24.9	27	J	4.9	-11	339	4.4	-1.9	-0.4	1	J
297	26.5	22	J	6.1	-25	337	4.9	-2.7	-1.9	2	J
326	40.7	37	J	11.2	-20	24	6.0	2.1	-2.9	9	J
355	35.1	93	J	9.3	-79	70	0.5	-0.2	-7.6	6	J
369	22.4	144	J	8.0	-38	320	1.9	-1.9	-1.6	8	J
377	23.8	118	J	9.9	22	83	1.1	9.2	1.7	4	J
				OCT. 6, 1988							280
445	12.9	154	J	8.3	8	219	-4.3	-3.2	1.5	8	J
563	21.7	514	J	12.4	-39	174	-4.0	-0.4	-3.3	12	J
519	23.5	325	J	15.1	11	218	-10.1	-6.8	4.7	8	J
539	24.0	210	J	16.1	-25	255	-3.2	-13.3	-1.4	8	J
531	3.8	64	J	18.7	-17	245	-7.5	-16.4	4.5	1	J
525	4.6	66	J	19.0	-14	247	-7.1	-16.5	5.2	3	J
523	13.0	105	J	18.2	-27	237	-8.6	-15.5	-0.1	4	J
507	20.5	46	J	13.9	-79	126	-1.5	-4.4	-12.4	5	J
498	20.8	48	J	10.0	-85	127	-0.5	-3.5	-8.9	3	J
501	21.4	58	J	6.5	-41	83	0.4	2.1	-4.3	5	J
502	23.5	50	J	6.1	-61	138	-1.7	0.1	-4.4	4	J
480	10.2	46	J	7.8	-71	208	-1.7	-2.4	-5.0	5	J
499	8.5	53	J	7.2	74	283	0.3	-0.1	5.2	5	J
497	10.1	40	J	8.6	52	248	-1.4	-2.4	5.5	6	J
483	9.3	51	J	8.4	55	94	-0.3	4.8	4.5	5	J
473	10.2	61	J	7.4	14	84	0.6	5.5	0.3	5	J
471	8.0	45	J	9.9	5	275	0.9	-9.4	2.8	1	J
				OCT. 8, 1988							282
405	7.1	31	J	5.4	-11	169	-5.2	0.8	-1.2	1	J
370	8.1	22	J	4.8	7	173	-4.5	0.8	0.2	1	J
370	7.9	22	J	4.7	14	189	-4.4	0.0	1.3	1	J
369	8.0	23	J	4.7	-4	174	-4.6	0.2	-0.5	1	J
369	8.6	21	J	4.8	-24	164	-4.1	-0.0	-2.2	1	J
382	9.9	33	J	5.0	-38	130	-2.3	0.9	-3.8	2	J
380	9.9	24	J	4.9	-41	127	-2.0	1.0	-3.9	2	J
377	10.8	27	J	5.1	-46	152	-2.9	-0.1	-3.8	2	J
378	12.4	24	J	5.0	-9	126	-2.6	3.1	-2.0	2	J
375	12.3	24	J	5.4	-42	165	-3.8	-0.2	-3.7	1	J
372	13.2	22	J	5.6	-26	211	-4.0	-3.0	-1.5	2	J
370	13.3	24	J	5.1	-16	219	-3.6	-3.1	-0.6	2	J
369	14.5	26	J	4.4	-7	176	-3.3	0.1	-0.4	3	J
369	14.1	29	J	4.8	-35	217	-2.6	-2.3	-1.8	3	J
380	13.8	48	J	3.0	-8	159	-1.0	0.4	-0.2	3	J
387	13.4	40	J	5.2	59	63	1.0	2.7	3.3	3	J
				OCT. 10, 1988							284
402	7.8	44	J	9.2	9	112	-3.3	8.2	-0.4	3	J
389	8.1	53	J	8.9	-2	124	-4.9	6.9	-2.1	2	J
432	13.0	58	J	11.9	15	105	-2.8	10.7	-0.2	5	J
460	15.8	79	J	15.2	13	109	-4.8	14.2	-1.4	2	J
				18.7	13	130	-5.8	7.2	-0.7	15	J
				27.4	18	166	-19.7	6.8	4.6	16	J
				25.3	-69	161	-6.7	-3.0	-18.4	16	J
				27.2	-57	121	-6.7	5.9	-22.3	13	J
				22.7	-29	122	-9.6	12.9	-13.1	10	J
				18.1	-14	118	-5.3	9.3	-4.7	14	J
				17.9	18	132	-10.9	12.9	2.9	5	J
				8.8	-4	125	-3.8	5.3	-1.5	6	J

OCT. 11, 1988 — 285

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					12.5	-21	142	-7.8	5.1	-5.0	8	J
2					16.1	30	154	-10.9	6.9	5.5	8	J
3					12.2	35	157	-8.2	5.1	5.0	5	J
4					13.5	23	158	-11.2	6.0	3.3	4	J
5					17.4	11	157	-15.7	7.4	0.5	2	J
6					16.6	12	159	-15.1	6.7	0.6	2	J
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					18.1	8	161	-16.9	6.3	0.5	0	J
19					16.6	5	160	-15.5	5.8	-0.2	1	J
20					15.3	5	160	-14.3	5.4	0.0	1	J
21					12.7	16	166	-11.8	3.6	2.8	1	J
22					10.9	14	162	-10.0	3.7	1.9	1	J
23					16.0	8	163	-15.1	4.9	1.3	3	J
24					19.3	0	170	-19.0	3.3	-0.6	1	J

OCT. 12, 1988 — 286

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					19.3	-2	169	-18.7	3.4	-1.4	3	J
2					17.2	0	170	-16.9	2.9	-0.7	1	J
3					15.2	16	167	-13.8	4.2	3.0	4	J
4					17.0	10	174	-16.6	2.6	2.2	2	J
5					17.6	12	180	-17.1	1.4	3.4	3	J
6					18.0	6	171	-17.7	3.3	0.5	1	J
7					16.8	2	169	-16.4	3.1	-1.0	1	J
8					15.3	2	174	-15.2	1.6	-0.4	1	J
9					13.3	6	178	-13.2	1.1	0.9	0	J
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

OCT. 15, 1988 — 289

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	320	5.2	15	J
2	313	6.2	18	J
3	319	6.9	21	J
4	327	6.9	26	J
5	326	8.9	25	J
6	328	9.7	24	J
7	333	10.5	19	J
8	333	9.1	19	J
9	332	9.8	25	J
10	332	10.1	30	J
11	335	10.9	38	J
12	340	9.4	37	J
13	349	10.3	50	J
14	360	14.8	66	J
15	359	17.9	84	J
16	345	16.1	75	J
17	351	16.8	99	J
18	381	11.7	129	J
19				
20				
21				
22				
23				
24				

OCT. 16, 1988 — 290

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	407	9.3	81	J
2	401	8.9	71	J
3	396	9.3	84	J
4	392	10.3	72	J
5	386	12.2	76	J
6	371	16.2	130	J
7	377	16.7	106	J
8	374	21.2	128	J
9	376	15.9	83	J
10	386	15.4	87	J
11	387	19.4	88	J
12	389	19.3	57	J
13	395	11.9	46	J
14	396	10.6	48	J
15	408	7.5	108	J
16	417	5.8	105	J
17	424	8.2	120	J
18	445	14.5	124	J
19	449	13.5	120	J
20				
21				
22				
23				
24				

OCT. 17, 1988 — 291

HR	VEL	DEN	TEMP/ 1000	PLS SC
1				
2				
3				
4	511	9.4	134	J
5	531	9.6	192	J
6	516	9.3	161	J
7	538	9.4	195	J
8	550	9.6	225	J
9	548	9.7	216	J
10	536	8.8	197	J
11				
12				
13	501	10.2	153	J
14	516	10.1	218	J
15	481	7.7	153	J
16	500	10.3	256	J
17	496	11.1	186	J
18	535	10.4	282	J
19	531	9.7	373	J
20	558	11.1	389	J
21	609	8.9	299	J
22	589	9.4	301	J
23	555	7.2	231	J
24	581	7.8	345	J

OCT. 18, 1988 — 292

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	582	7.8	353	J
2	580	7.3	305	J
3	598	6.7	311	J
4	604	6.9	372	J
5				
6	571	4.6	104	J
7	568	5.0	98	J
8	569	5.6	154	J
9	586	6.2	194	J
10	584	6.3	162	J
11	578	5.9	150	J
12	558	7.1	154	J
13	566	7.3	206	J
14	560	7.5	246	J
15	542	7.0	195	J
16	533	6.1	163	J
17	541	5.4	152	J
18	591	4.9	314	J
19	587	4.7	235	J
20	669	6.8	394	J
21	615	5.3	384	J
22	596	4.7	340	J
23	626	4.1	357	J
24	661	4.3	404	J

OCT. 19, 1988 — 293

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	674	4.4	410	J
2	694	5.2	474	J
3	634	4.1	295	J
4	650	4.2	378	J
5	631	3.1	226	J
6				
7	691	2.8	210	J
8	729	2.8	282	J
9	725	2.7	273	J
10	709	2.4	209	J
11	700	2.2	195	J
12	714	1.9	184	J
13	717	1.8	182	J
14	693	1.8	226	J
15	671	1.7	144	J
16	683	1.7	127	J
17	658	1.6	173	J
18	653	1.7	240	J
19	648	1.9	144	J
20	644	2.0	139	J
21	662	2.0	155	J
22	642	2.0	122	J
23	631	2.0	111	J
24	612	2.2	95	J

OCT. 20, 1988 — 294

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	598	2.4	150	J
2	593	2.2	97	J
3	579	2.0	83	J
4	634	2.2	120	J
5	634	2.3	123	J
6				
7				
8				
9				
10				
11	599	2.1	94	J
12	609	2.0	102	J
13	611	2.7	101	J
14	631	3.3	135	J
15	630	3.3	131	J
16	615	3.2	181	J
17	594	3.8	163	J
18	574	3.6	110	J
19	613	3.3	145	J
20	594	3.0	152	J
21	601	2.7	148	J
22	582	2.4	108	J
23	606	2.7	184	J
24	601	2.6	154	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 21, 1988							295
1	595	2.6	145	J								
2	580	2.5	100	J								
3	586	2.4	117	J								
4	566	2.1	77	J								
5	600	2.3	108	J								
6												
7												
8												
9												
10												
11	482	2.4	60	J								
12	486	2.6	76	J								
13	480	2.2	96	J								
14	480	2.3	108	J								
15	479	2.6	65	J								
16	475	2.6	51	J								
17	464	2.7	47	J								
18												
19												
20												
21	449	2.4	47	J								
22	433	2.2	62	J								
23	435	2.6	87	J								
24	450	2.6	62	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 22, 1988							296
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	405	4.5	46	J								
22	398	4.8	52	J								
23	401	4.2	53	J								
24	395	4.0	51	J								
	399	4.0	54	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 26, 1988							300
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	425	7.2	90	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 27, 1988							301
1	417	7.0	66	J								
2	423	7.1	80	J								
3	414	6.8	65	J								
4	416	6.6	74	J								
5	416	6.8	78	J								
6	425	7.0	78	J								
7	407	6.5	57	J								
8	415	7.4	83	J								
9	418	7.6	86	J								
10	411	7.6	78	J								
11	422	7.6	83	J								
12	400	7.5	79	J								
13	421	8.2	83	J								
14	438	8.1	78	J								
15	448	8.0	73	J								
16	431	7.8	66	J								
17	416	8.1	57	J								
18												
19												
20	435	8.0	85	J								
21	425	7.9	85	J								
22	409	7.6	77	J								
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 28, 1988							302
1												
2												
3												
4												
5	437	7.9	98	J								
6	455	7.5	89	J								
7	423	7.1	66	J								
8	429	7.3	78	J								
9	433	7.4	109	J								
10	437	5.4	148	J								
11	470	3.7	138	J								
12	457	3.4	117	J								
13	474	3.4	182	J								
14	470	3.5	177	J								
15	468	3.8	154	J								
16	461	3.3	131	J								
17	464	3.1	154	J								
18	475	3.5	113	J								
19	468	3.5	111	J								
20												
21	492	3.3	86	J								
22	451	2.9	105	J								
23	452	2.9	94	J								
24	452	2.8	81	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 29, 1988							303
1	454	2.7	113	J								
2												
3	458	3.7	86	J								
4	451	3.5	67	J								
5	454	3.4	61	J								
6	435	3.3	60	J								
7	414	2.8	49	J								
8	413	3.1	44	J								
9	412	2.6	56	J								
10	407	2.6	54	J								
11	402	2.9	89	J								
12	430	2.2	72	J								
13	416	1.9	39	J								
14	412	1.9	41	J								
15	410	1.7	35	J								
16	416	1.5	49	J								
17												
18	395	2.7	73	J								
19	404	1.5	50	J								
20	397	1.5	45	J								
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 30, 1988							304
1												
2												
3												
4	343	3.2	31	J								
5	342	3.4	24	J								
6												
7	339	4.4	19	J								
8	336	4.9	17	J								
9	334	5.0	15	J								
10	332	4.4	13	J								
11	329	4.1	14	J								
12	329	4.5	14	J								
13	315	5.8	25	J								
14	311	6.0	27	J								
15	311	6.1	28	J								
16	308	6.8	26	J								
17	312	6.1	19	J								
18	319	6.4	20	J								
19	319	6.3	18	J								
20	322	6.5	19	J								
21	417	16.4	61	J								
22	421	18.8	52	J								
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 31, 1988							305
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	380	17.4	63	J								
22	387	26.9	64	J								
23	388	27.3	67	J								
24	397	8.8	60	J								
	411	12.4	49	J								
	432	13.7	90	J								
	403	10.1	63	J								
	396	7.5	45	J								
	399	6.9	61	J								
	401	4.5	37	J								
	398	6.6	63	J								
	390	9.3	33	J								
	369	5.0	46	J								
	393	4.9	38	J								
	388	2.8	37	J								
	384	5.3	48	J								

NOV. 1, 1988 — 306

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	386	6.2	55	J								
2	373	5.3	42	J								
3	369	5.6	70	J								
4	377	5.6	62	J								
5	380	4.3	53	J								
6												
7												
8	361	3.2	28	J								
9	359	4.7	56	J								
10	356	4.4	67	J								
11	347	3.8	34	J								
12	358	6.1	103	J								
13	358	7.0	41	J								
14	348	7.3	45	J								
15	350	7.1	46	J								
16	359	7.6	40	J								
17	366	8.0	44	J								
18	366	8.4	60	J								
19	361	8.3	57	J								
20	348	7.9	50	J								
21	348	7.9	43	J								
22	345	7.6	42	J								
23	350	7.6	55	J								
24	348	9.6	43	J								

NOV. 2, 1988 — 307

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	352	11.3	28	J								
2	353	10.1	30	J								
3	357	9.0	20	J								
4	358	11.3	22	J								
5	353	12.2	19	J								
6												
7												
8												
9												
10												
11												
12	375	13.1	34	J								
13	369	14.8	41	J								
14	380	15.1	25	J								
15	412	10.3	46	J								
16	463	7.0	51	J								
17	478	10.5	288	J								
18	476	11.9	286	J								
19	471	12.8	255	J								
20	461	13.1	261	J								
21	457	13.0	208	J								
22	478	13.3	285	J								
23	492	14.0	267	J								
24	489	15.4	253	J								
	475	15.2	339	J								

NOV. 3, 1988 — 308

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	478	13.8	266	J								
2	493	12.9	202	J								
3	493	11.3	173	J								
4	533	11.3	301	J								
5	512	8.2	175	J								
6												
7												
8												
9												
10												
11												
12												
13	486	6.8	90	J								
14	493	6.7	99	J								
15	497	9.0	180	J								
16	479	8.4	141	J								
17	490	7.8	136	J								
18	483	7.3	130	J								
19	492	7.9	146	J								
20												
21	478	6.2	128	J								
22	488	6.0	111	J								
23	491	6.0	106	J								
24	479	6.3	98	J								

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9	386	4.9	63	J								
10	381	4.8	60	J								
11	369	4.0	62	J								
12	384	5.1	73	J								
13	374	4.6	58	J								
14	353	4.3	48	J								
15	379	4.3	62	J								
16	416	4.1	66	J								
17	447	4.8	79	J								
18												
19												
20												
21												
22												
23												
24	409	3.9	45	J								

NOV. 9, 1988 — 314

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	394	3.7	42	J								
2	397	3.3	35	J								
3	390	5.3	35	J								
4	380	5.3	37	J								
5	368	4.8	33	J								
6	352	4.4	45	J								
7	352	5.7	65	J								
8	382	8.0	69	J								
9	379	8.2	63	J								
10	383	8.2	54	J								
11	370	7.5	63	J								
12	375	9.2	39	J								
13	376	7.7	35	J								
14	365	8.5	45	J								
15	365	6.6	34	J								
16	361	7.0	52	J								
17	361	6.8	35	J								
18	340	6.1	23	J								
19												
20												
21												
22												
23												
24												

NOV. 10, 1988 — 315

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	354	7.2	29	J								
2	367	8.1	41	J								
3	359	8.4	55	J								
4	360	7.7	52	J								
5	362	8.1	55	J								
6	374	9.3	64	J								
7	367	8.7	60	J								
8	350	7.2	51	J								
9	357	6.9	79	J								
10	364	6.6	60	J								
11	386	5.9	42	J								
12	383	3.6	40	J								
13	382	4.0	48	J								
14	400	12.5	79	J								
15	401	10.8	77	J								
16	398	10.4	70	J								
17	396	9.4	72	J								
18	395	7.9	61	J								
19	391	6.9	56	J								
20	396	7.1	51	J								
21	385	6.5	55	J								
22	374	6.7	53	J								
23	365	6.6	59	J								
24												

NOV. 11, 1988 — 316

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1	369	7.0	40	J								
2												
3	339	6.4	28	J								
4	362	6.4	37	J								
5	370	5.7	30	J								
6	376	5.6	27	J								
7	383	3.6	33	J								
8	403	2.9	41	J								
9	482	5.6	144	J								
10	474	6.7	97	J								
11	475	5.6	75	J								
12	474	6.3	68	J								
13	462	7.8	76	J								
14	443	8.8	59	J								
15	440	8.6	47	J								
16	440	9.8	45	J								
17	445	10.9	42	J								
18	438	12.7	46	J								
19	429	8.0	55	J								
20	435	9.1	51	J								
21	465	9.4	52	J								
22												
23												
24												

NOV. 12, 1988 — 317

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	373	22.2	51	J								
13	375	22.2	62	J								
14	376	22.2	65	J								
15	378	23.2	69	J								
16	382	30.6	68	J								
17	391	39.1	80	J								
18	393	37.9	71	J								
19	396	39.0	64	J								
20	393	30.2	55	J								
21	393	29.4	54	J								
22	397	16.4	40	J								
23	404	12.3	47	J								
24	398	16.9	56	J								
	400	16.6	47	J								
	400	21.9	42	J								
	401	26.5	42	J								
	404	16.3	83	J								
	414	14.5	72	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					NOV. 13, 1988							318
1												
2												
3												
4												
5												
6												
7	456	7.0	41	J								
8	450	7.3	54	J								
9	445	9.0	65	J								
10	451	12.0	58	J								
11	452	10.9	72	J								
12	455	15.2	63	J								
13	458	17.6	52	J								
14	443	10.7	96	J								
15	442	8.8	104	J								
16	451	8.7	67	J								
17	459	10.0	65	J								
18	459	11.3	58	J								
19	453	10.5	80	J								
20	451	10.5	85	J								
21	444	10.5	96	J								
22	452	11.2	88	J								
23	471	12.0	72	J								
24	467	12.2	78	J								
					NOV. 14, 1988							319
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	509	7.5	111	J								
19	528	7.7	184	J								
20	532	8.1	201	J								
21	522	7.4	128	J								
22	544	7.6	165	J								
23	505	7.4	77	J								
24	508	7.3	92	J								
					NOV. 15, 1988							320
1	517	6.8	139	J								
2	531	7.4	189	J								
3	532	7.1	139	J								
4	531	7.2	134	J								
5	529	8.2	223	J								
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	610	3.1	162	J								
19	596	3.1	168	J								
20	574	2.7	110	J								
21	569	2.9	104	J								
22	573	2.8	113	J								
23	537	3.2	113	J								
24	513	3.5	70	J								
					NOV. 16, 1988							321
1	526	3.6	67	J								
2	518	4.3	80	J								
3	504	4.4	67	J								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	469	5.9	471	J								
16	658	8.1	481	J								
17												
18												
19												
20												
21												
22												
23												
24												
					NOV. 20, 1988							325
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24	383	9.4	24	J								
					NOV. 21, 1988							326
1	388	8.7	23	J								
2	386	7.7	23	J								
3	380	7.5	23	J								
4	373	8.3	27	J								
5	367	4.4	19	J								
6	361	4.2	17	J								
7	361	4.1	22	J								
8	359	3.6	25	J								
9	352	5.1	28	J								
10	361	5.5	28	J								
11	379	5.8	30	J								
12	366	4.7	33	J								
13	372	5.2	35	J								
14	370	4.9	34	J								
15	375	5.9	36	J								
16	388	6.7	60	J								
17	381	6.4	54	J								
18												
19	411	7.8	45	J								
20	406	9.6	46	J								
21	401	10.4	55	J								
22	370	8.6	25	J								
23	374	8.9	21	J								
24	400	5.6	34	J								
					NOV. 22, 1988							327
1	391	5.0	30	J								
2	391	4.4	30	J								
3	399	5.0	41	J								
4	395	5.2	41	J								
5	394	4.7	54	J								
6	390	4.2	40	J								
7	382	4.6	58	J								
8	383	5.0	59	J								
9	402	6.2	133	J								
10	407	5.0	109	J								
11	406	4.4	90	J								
12	410	4.4	83	J								
13	395	3.2	69	J								
14												
15												
16												
17	374	6.0	81	J								
18	356	4.9	68	J								
19	351	5.2	69	J								
20	361	6.6	86	J								
21	370	5.3	44	J								
22	349	5.4	33	J								
23	348	4.9	30	J								
24	356	3.2	40	J								
					NOV. 23, 1988							328
1	366	5.0	53	J								
2	364	5.6	54	J								
3	376	4.5	84	J								
4	381	3.5	63	J								
5	383	3.6	101	J								
6	380	2.9	42	J								
7	377	2.6	36	J								
8	367	3.3	42	J								
9	373	3.1	44	J								
10	382	3.4	59	J								
11	369	3.0	46	J								
12	361	2.9	48	J								
13	364	3.0	48	J								
14	369	2.9	42	J								
15	366	2.7	45	J								
16	361	2.9	56	J								
17	353	2.8	58	J								
18	354	3.0	54	J								
19	361	3.0	51	J								
20												
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					NOV. 24, 1988							329
1												
2												
3												
4												
5	348	4.7	58	J								
6	349	5.2	61	J								
7	334	4.4	33	J								
8	339	5.9	37	J								
9	336	5.2	35	J								
10	319	5.0	24	J								
11	317	5.2	23	J								
12	321	4.7	18	J								
13	325	4.3	16	J								
14	333	4.1	17	J								
15	331	4.0	15	J								
16	328	6.6	15	J								
17	327	7.2	16	J								
18	340	6.6	16	J								
19	350	5.5	22	J								
20	348	8.3	19	J								
21	344	9.3	22	J								
22	344	8.5	22	J								
23												
24												
					NOV. 25, 1988							330
1												
2												
3												
4												
5												
6												
7												
8												
9	356	6.7	25	J								
10	355	6.7	25	J								
11	354	6.5	29	J								
12	346	7.0	25	J								
13	343	6.4	21	J								
14	352	5.8	25	J								
15	337	6.6	19	J								
16	333	6.2	16	J								
17	333	6.9	18	J								
18	356	4.9	22	J								
19	356	4.5	23	J								
20	352	4.6	21	J								
21	349	5.9	20	J								
22	347	6.3	25	J								
23	362	6.3	43	J								
24	350	7.4	66	J								
	334	8.0	63	J								
	350	9.2	66	J								
					NOV. 26, 1988							331
1												
2												
3												
4												
5												
6												
7												
8												
9	467	8.1	91	J								
10	476	8.0	124	J								
11	487	6.9	109	J								
12	482	6.8	118	J								
13	492	6.3	99	J								
14	489	6.1	92	J								
15	478	6.0	95	J								
16	463	7.5	61	J								
17	463	8.1	67	J								
18	457	7.8	51	J								
19	452	7.4	54	J								
20	461	8.3	52	J								
21	462	8.5	52	J								
22	450	8.7	99	J								
23	439	7.9	105	J								
24	446	7.8	91	J								
					NOV. 27, 1988							332
1												
2	448	7.7	86	J								
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
	476	8.1	174	J								
	483	7.8	168	J								
	479	7.7	173	J								
	486	7.2	134	J								
	494	6.6	124	J								
	488	6.4	128	J								
	491	5.2	117	J								
	491	4.9	121	J								
	492	4.8	115	J								
	487	4.1	95	J								
	492	3.2	82	J								
	463	3.0	72	J								
	411	3.6	35	J								
					NOV. 28, 1988							333
1	410	3.4	35	J								
2	416	3.9	37	J								
3	402	3.5	41	J								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	403	9.7	35	J								
16	406	11.0	32	J								
17	397	10.8	36	J								
18	395	10.7	43	J								
19	388	8.1	35	J								
20	388	7.5	28	J								
21												
22												
23												
24												