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Interplanetary Medium Data Book - Supplement 1

December 1979

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Interplanetary Medium Data Book Supplement 1
1975-1978

by

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Introduction

The *Interplanetary Medium Data Book* (NSSDC/WDC-A-R&S 77-04, 1977) contains plots and listings of hourly averaged interplanetary field and plasma parameters covering the period November 27, 1963 through December 30, 1975. Since the issuance of that *Data Book*, additional data have become available which fill some 1975 data gaps and which extend the data coverage well into 1978. This document contains all the presently available data for the years 1975-1978, and represents the first supplement to the *Interplanetary Medium Data Book*. A second supplement is likely to fill 1978 gaps and to extend coverage into the early 1980's.

The Magnetic Field Data

All the newly available interplanetary magnetic field (IMF) data have come from the IMP 8 triaxial fluxgate magnetometer experiment of N. F. Ness and R. P. Lepping of Goddard Space Flight Center. This experiment, from which 1973-1975 data were published in the earlier *Data Book*, is discussed in some detail in that *Data Book*. The IMF data in this *Supplement* extend through May 21, 1978. Later data will be available in the next supplement. Note that some of the early 1975 IMF data contained in this *Supplement* are from the HEOS 1 experiment of P. C. Hedgecock, and were published in the earlier *Data Book*.

The Plasma Data

This *Supplement* contains derived plasma parameters from the IMP 7 and IMP 8 instruments of both the Los Alamos Scientific Laboratory (LASL; S. J. Bame, principal investigator) and the Massachusetts Institute of Technology (MIT; H. S. Bridge, principal investigator). Discussions of the LASL electrostatic analyzers and the MIT Faraday cups are found in the earlier *Data Book*.

For this *Supplement*, the LASL data were available for the years 1975 and 1976 in the form of a tape of hourly averaged proton density, flow speed, and temperature values. The interplanetary data from the IMP 7 and IMP 8 spacecraft were merged at LASL before submission to NSSDC. Note that whereas 1-hour averages are now available for 1975-1976, the LASL data of the earlier *Data Book* were 3-hour averaged parameters.

The MIT data were submitted to the National Space Science Data Center (NSSDC) on separate IMP 7 and IMP 8 magnetic tapes which cover the periods September 27, 1972, to September 26, 1978, and October 1, 1973, to December 1, 1978, respectively. The IMP 8 parameters, all 1-hour averages, consist of proton density, flow speed, temperature, flow latitude and longitude angles, and the standard deviations in these averages. Due mainly to noise in the IMP 7 spacecraft-to-ground telemetry stream, only flow speed could be recovered from IMP 7 data with high reliability, and it is only IMP 7 flow speed that is presented in this *Supplement*.

The MIT IMP 7 and IMP 8 flow speeds (V_7 and V_8) agree with each other to within 2 percent, as evidenced by the results of a regression analysis applied to 1,771 pairs of simultaneous IMP 7 and IMP 8 interplanetary speed values measured in 1977-1978. This analysis, in which the sum of perpendicular distances between data points and regression line is minimized (see discussion in earlier *Data Book*), yielded

$$V_8 = 0.996\ V_7 + 6.77 \text{ km/s}.$$

In the earlier *Data Book*, MIT density (N) and temperature (T) data were normalized to LASL data using the results of regression analysis, viz.

$$\log N_{LASL} = 0.89 \log N_{MIT} + 0.121$$

$$\log T_{LASL} = 1.1 \log T_{MIT} - 0.62$$

Regressions of logarithms were performed because both density and temperature exhibited distributions which were more "log-normal" than normal. The corresponding relation for flow speed was

$$V_{LASL} = 0.99 V_{MIT} + 6.2$$

Owing to the closeness of this last relation to $V_{LASL} = V_{MIT}$, the MIT flow speeds were not normalized. The preceding three relations were based on 5,297 hours between October 1973 and December 1974 in which simultaneous 1-hour MIT and 3-hour LASL parameters were available.

We have performed similar regression analyses for 1975 and 1976, and we present the results in the following table.

$$P_{LASL} = a P_{MIT} + b$$

P =	Log N		Log T		V		
Time Period	a	b	a	b	a	b	Number of Points
10/73-12/74	.89	.12	1.11	-.62	.99	6.2	5,297
01/75-12/75	.91	.10	1.13	-.74	1.00	-2.4	4,016
01/76-12/76	.91	.09	1.12	-.69	1.01	-4.4	4,332

A most significant result is the near constancy of the relations between the LASL and MIT data. This suggests that characteristics of individual sensors probably do not change significantly with time, and that the use of the differing instrumentations and data analysis procedures lead to real and persistent differences in the final derived parameters (density and temperature). Our approach of normalizing MIT data to LASL data is not to be construed as imputing "error" more to the MIT data than to the LASL data; indeed, we are not able to judge this matter. We originally normalized MIT IMP 8 data to the composite LASL IMP 6/7/8 data set simply because the latter data set consisted of data from three spacecraft. For consistency with the previous approach, we shall continue to normalize MIT density and temperature data to LASL data. Further, in view of the near constancy of the MIT/LASL regression relations, as evidenced by the table, we shall normalize the 1975-1978 MIT density and temperature data using the relations that were previously utilized for the 1973-1974 MIT IMP 8 data, and we shall continue to leave the MIT speed values unnormalized.

Given the availability of plasma data from more than one source for a given hour, the priority for selecting data was first MIT IMP 8, then LASL IMP 7/8, then MIT IMP 7. The MIT IMP 8 data were chosen first because: (1) although the set of listed and plotted parameters are available in either of the

first two source data sets, there are additional MIT parameters which are put on the magnetic tape from which this *Supplement* is generated and which is itself available to scientists upon request; and (2) MIT data were preferred to LASL data in the earlier *Data Book* owing to the better time resolution of the former.

Data Presentation

This *Data Book Supplement* consists of graphical and tabular presentations of some of the parameters of the composite data set. There are two plots for each solar rotation in which any plasma or field data were obtained. On facing pages, for convenience in lining up features in the data, are found a plot of plasma data (proton temperature, density, and bulk speed) and a plot of field data (average magnitude, geocentric solar magnetospheric (GSM) B_Z component, and geocentric solar ecliptic (GSE) latitude and longitude angles of the average field vector). Note that on those rare occasions when the parameter values exceed the allowed range, a heavy mark is placed near the edge of the plot. For such cases, the reader is advised to consult the data listings for appropriate numerical values.

Following the plots are found listings of selected hourly parameters, including proton temperature (in units of 1000°K), density (cm^{-3}), bulk speed (km/s), and the IMF parameters: average magnitude, GSM cartesian components, latitude and longitude angles of the vector made up of the average GSE field components, and the vector standard deviation (see earlier *Data Book* for discussion).

Identifiers of both the plasma and IMF data sources are also listed (H = MIT IMP 7, J = MIT or GSFC IMP 8, L = LASL IMP 7/8, X = HEOS).

Note that the data are listed in 1-day blocks and that days with no field or plasma data are omitted from the listings.

Additional Data Availability

The magnetic tape, which contains 1963-1978 data and from which this *Data Book Supplement* was generated, is very similar in format to that used for, and discussed in detail in, the earlier *Data Book*. The present tape has been improved by virtue of the addition of later data and of the geomagnetic DST index.

Copies of this tape (with a detailed format), as well as copies of the *Interplanetary Medium Data Book* and of this *Supplement*, are available by request to:

National Space Science Data Center
Code 601.4
NASA/Goddard Space Flight Center
Greenbelt, Maryland 20771

INTENSITY VERSUS TIME PROFILES

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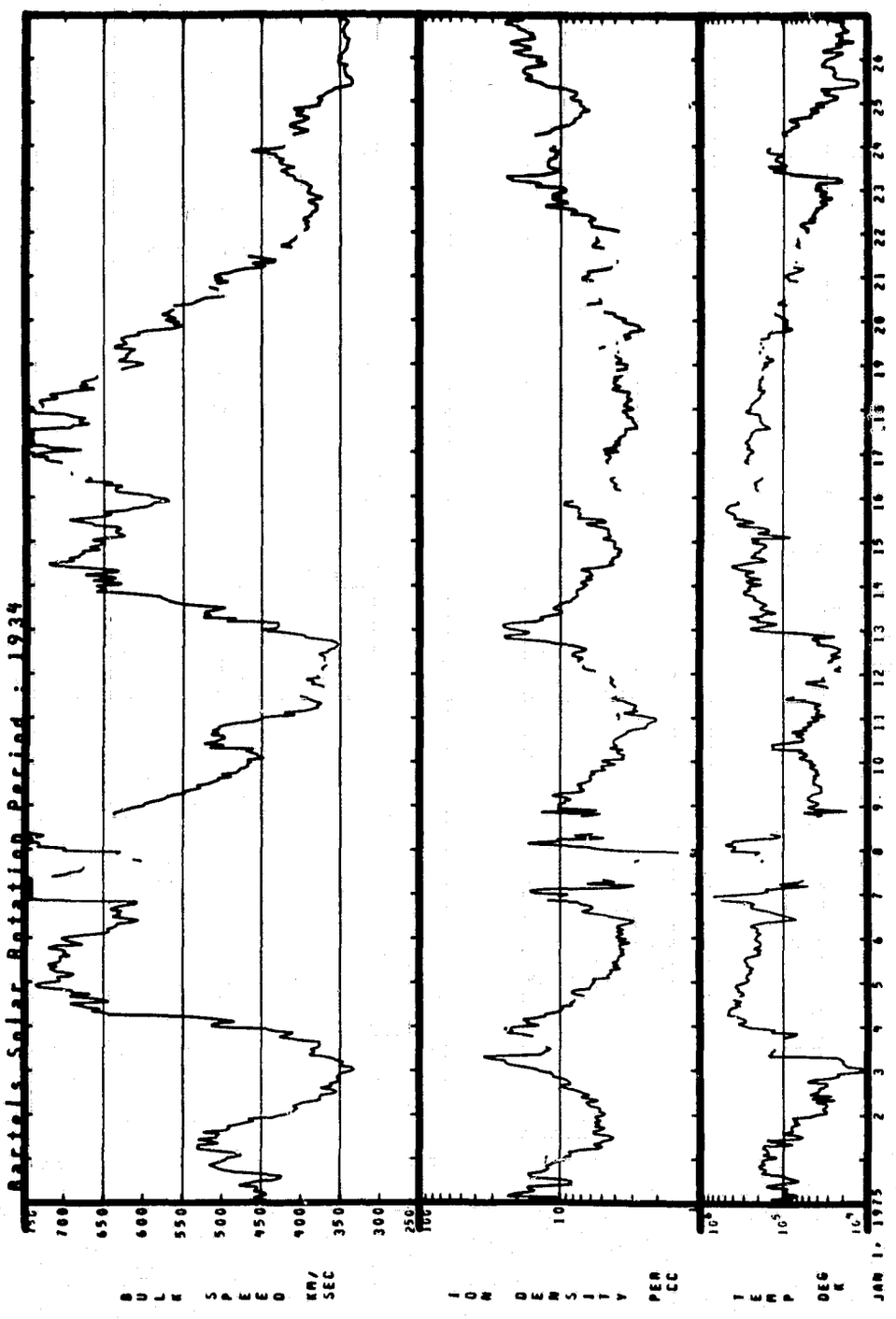

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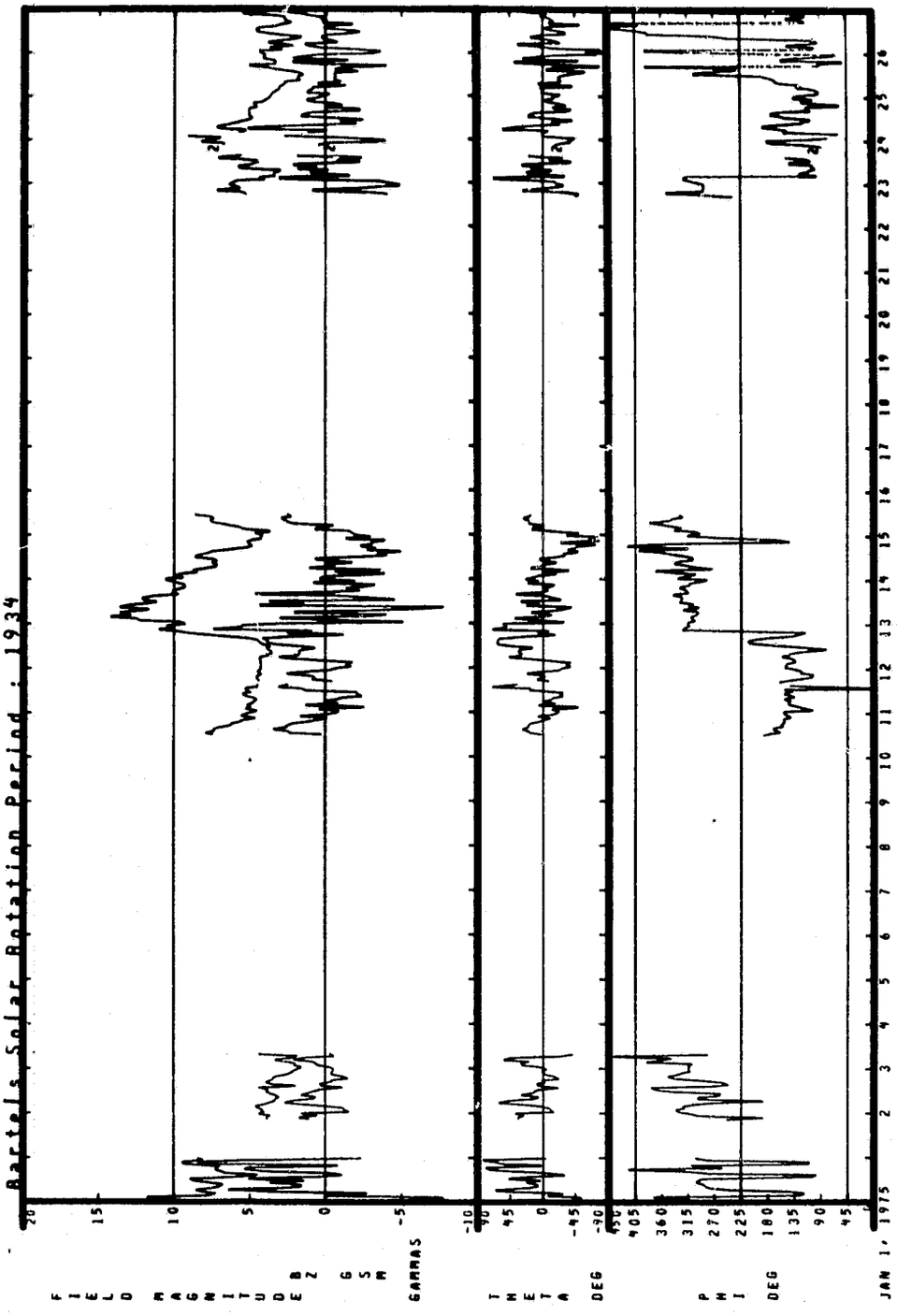

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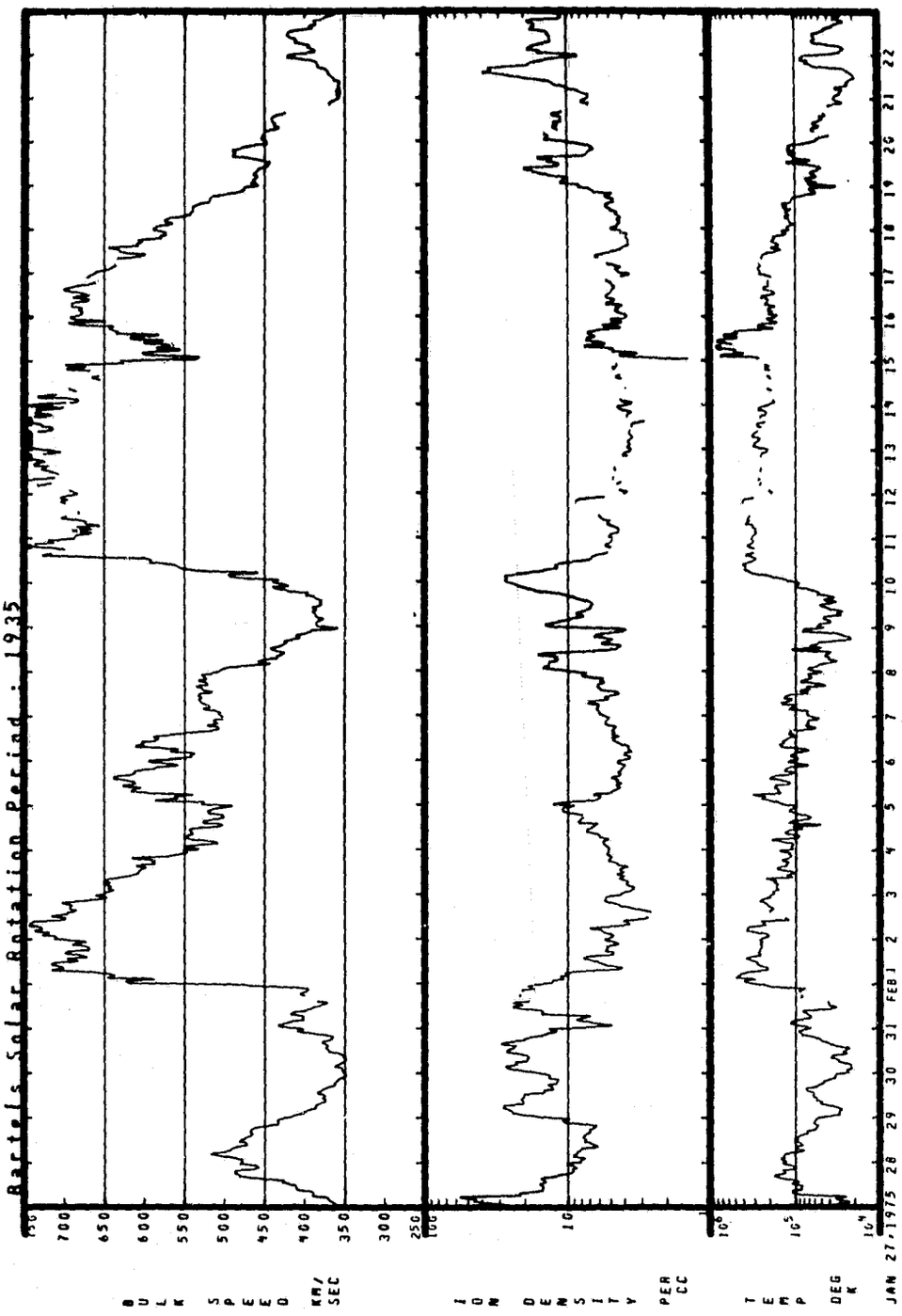

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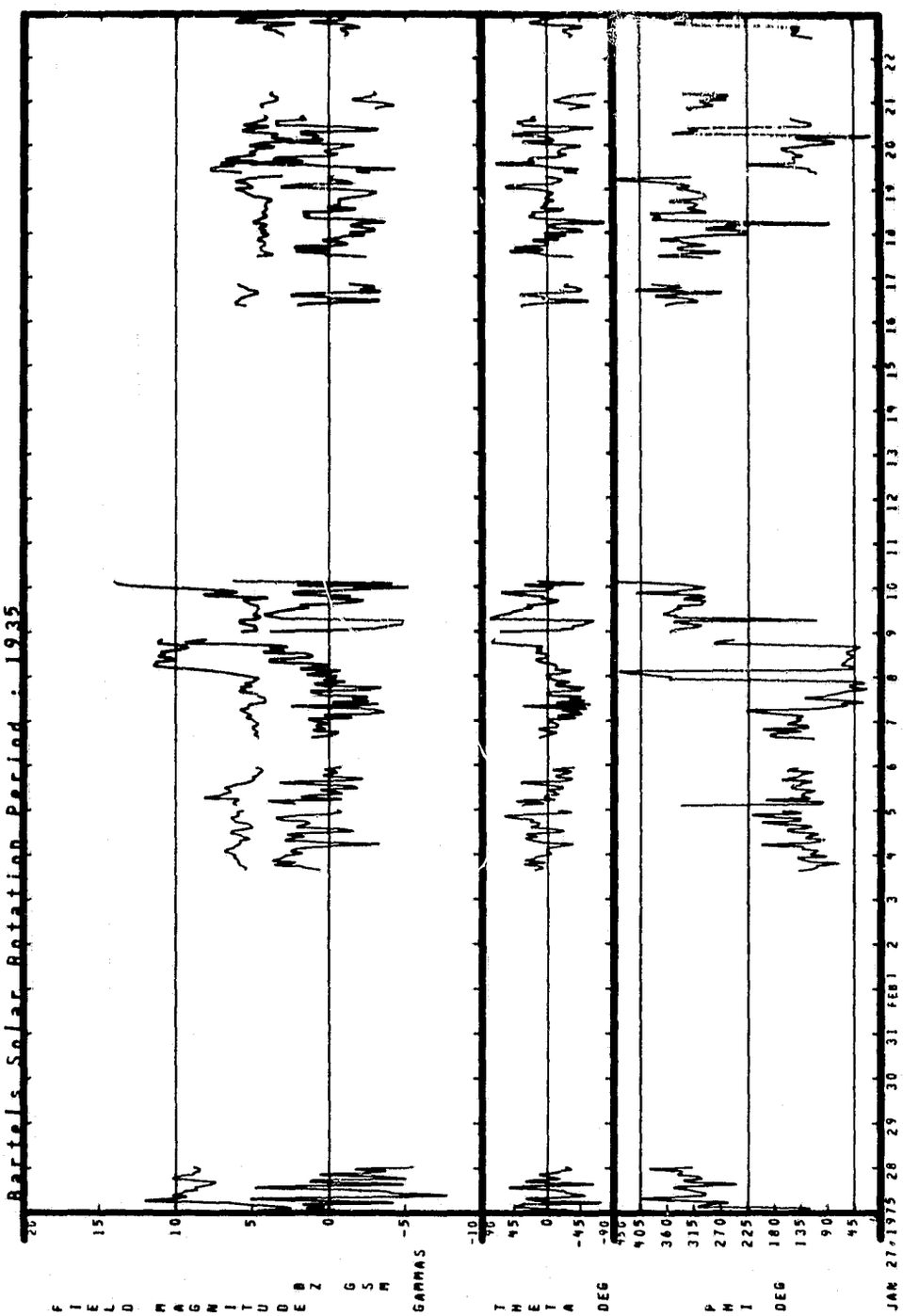

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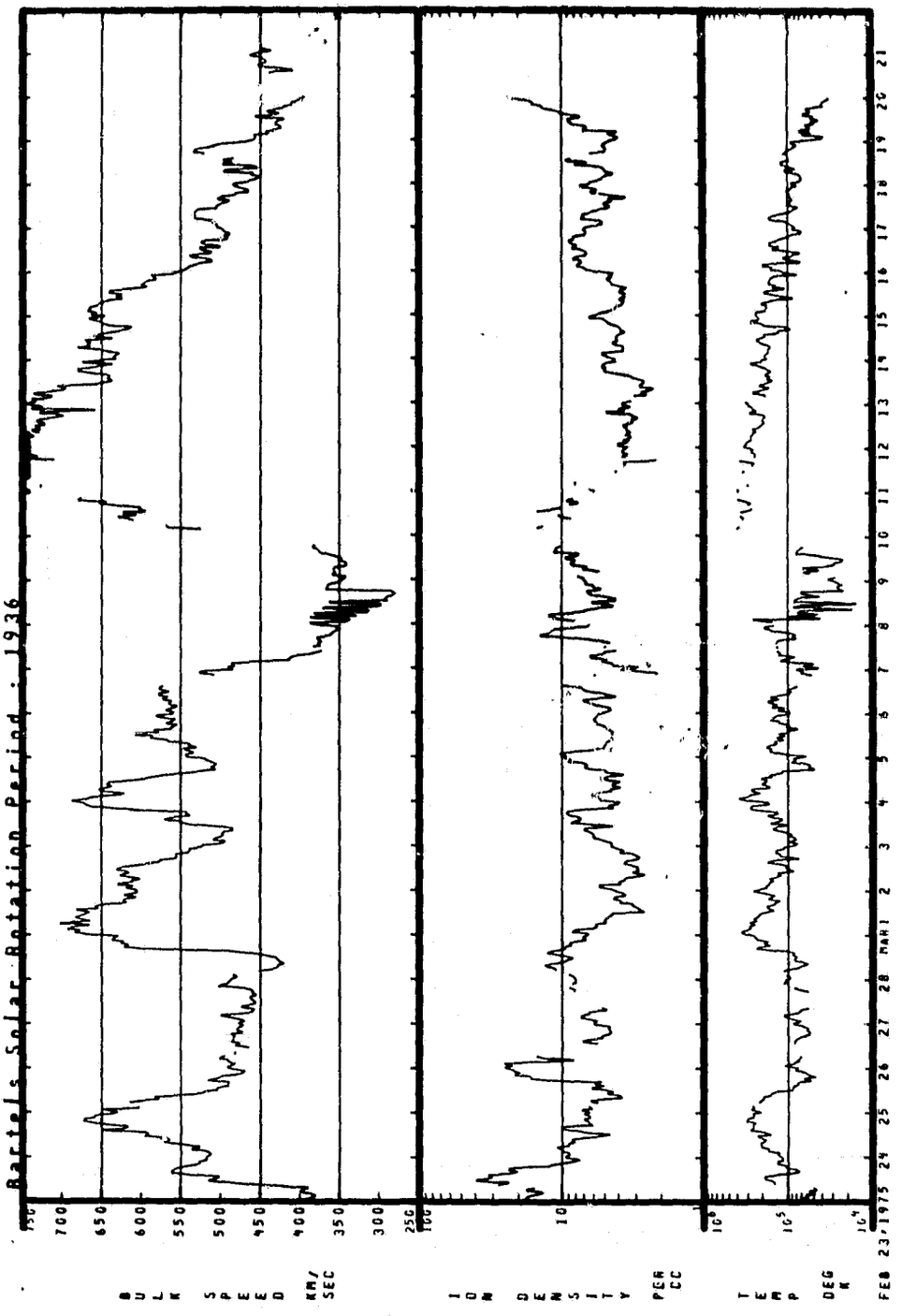

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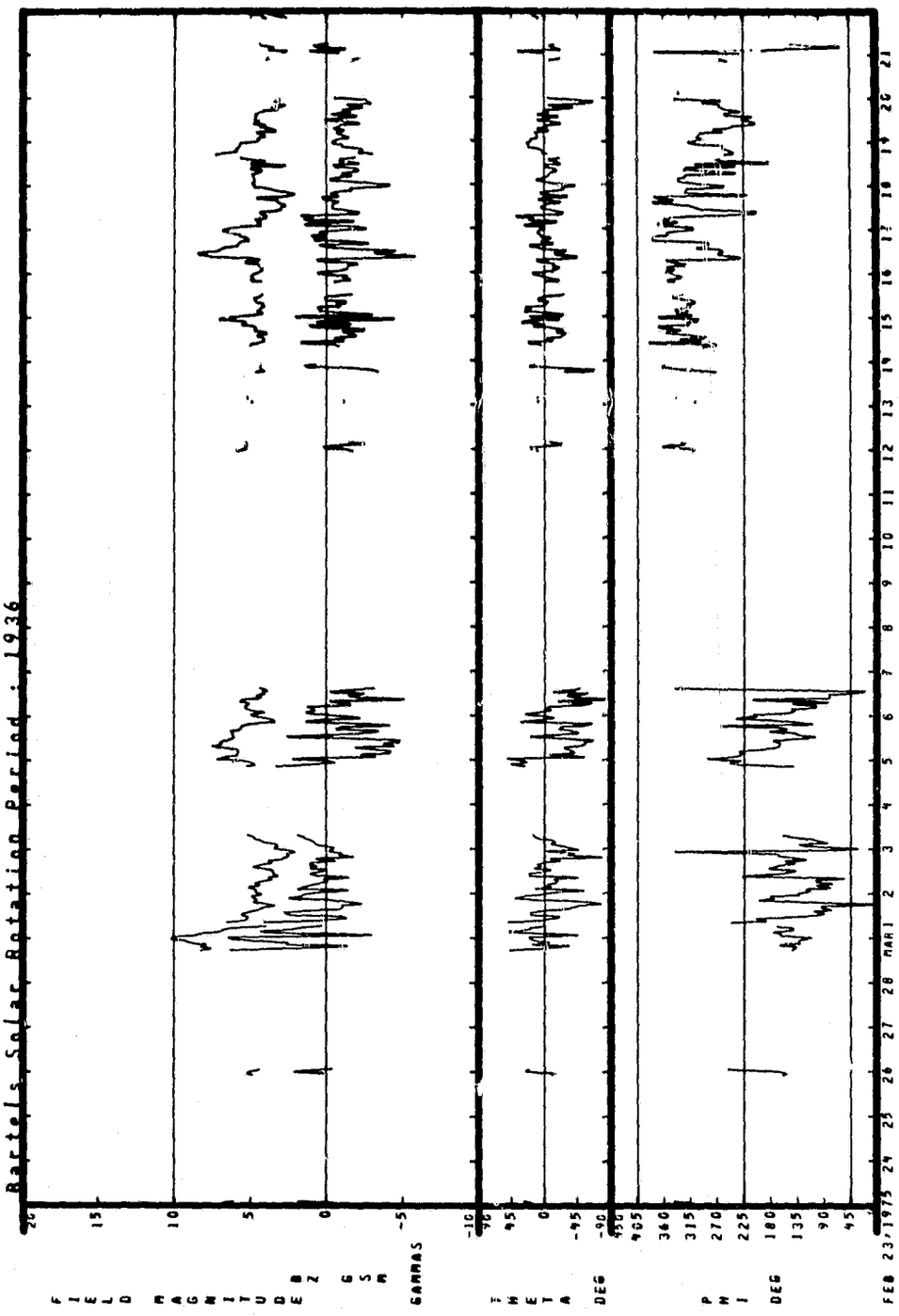

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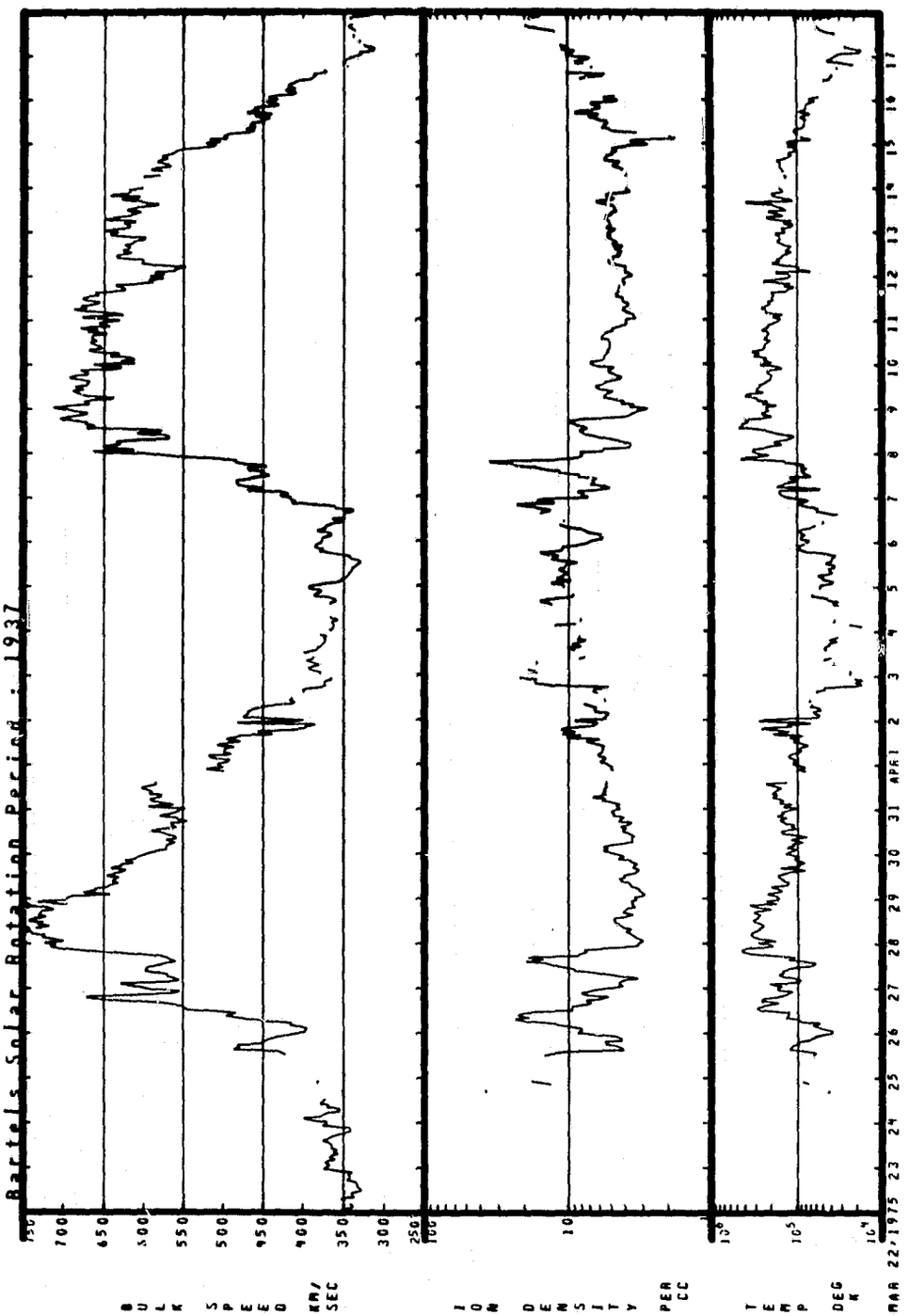

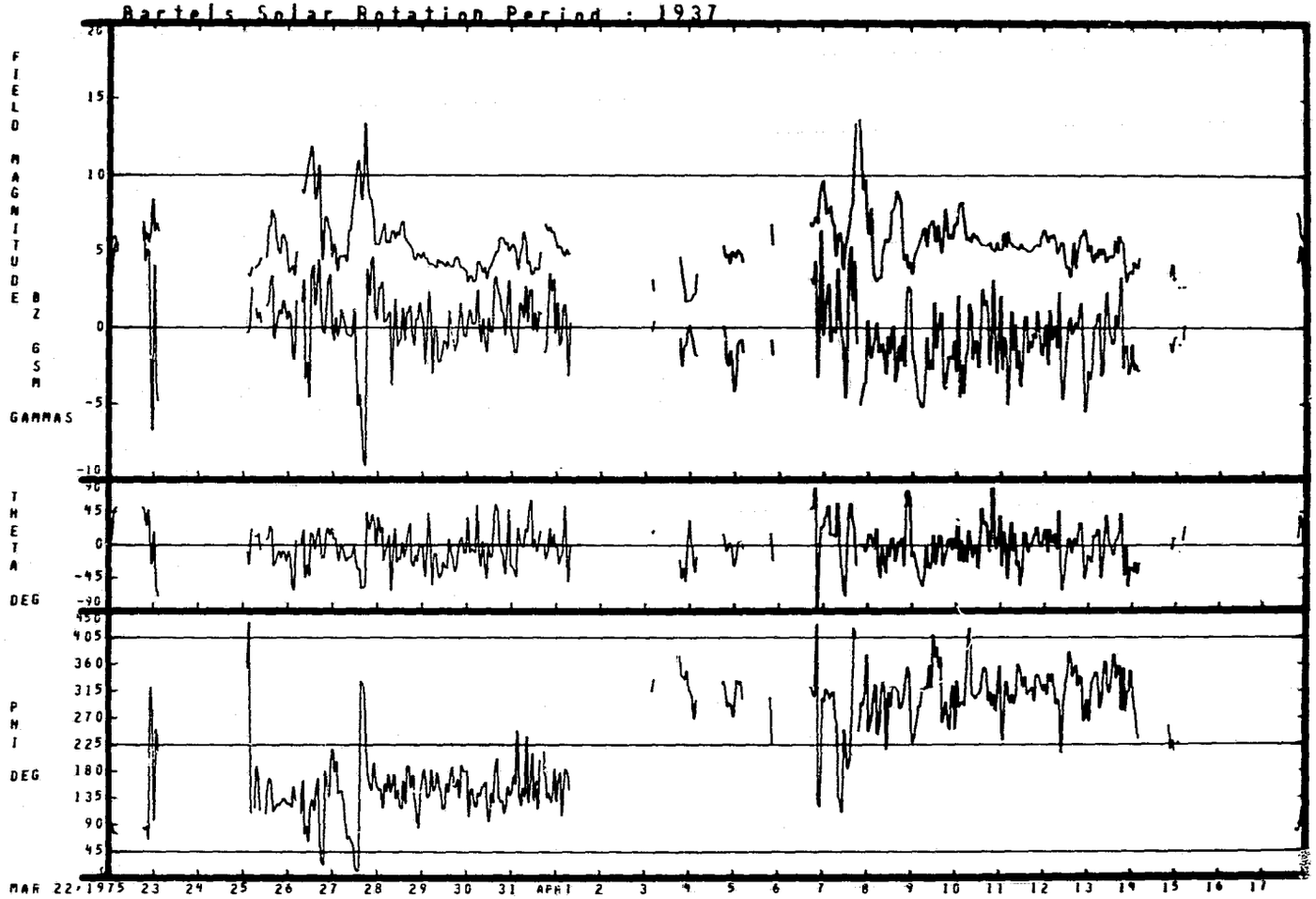

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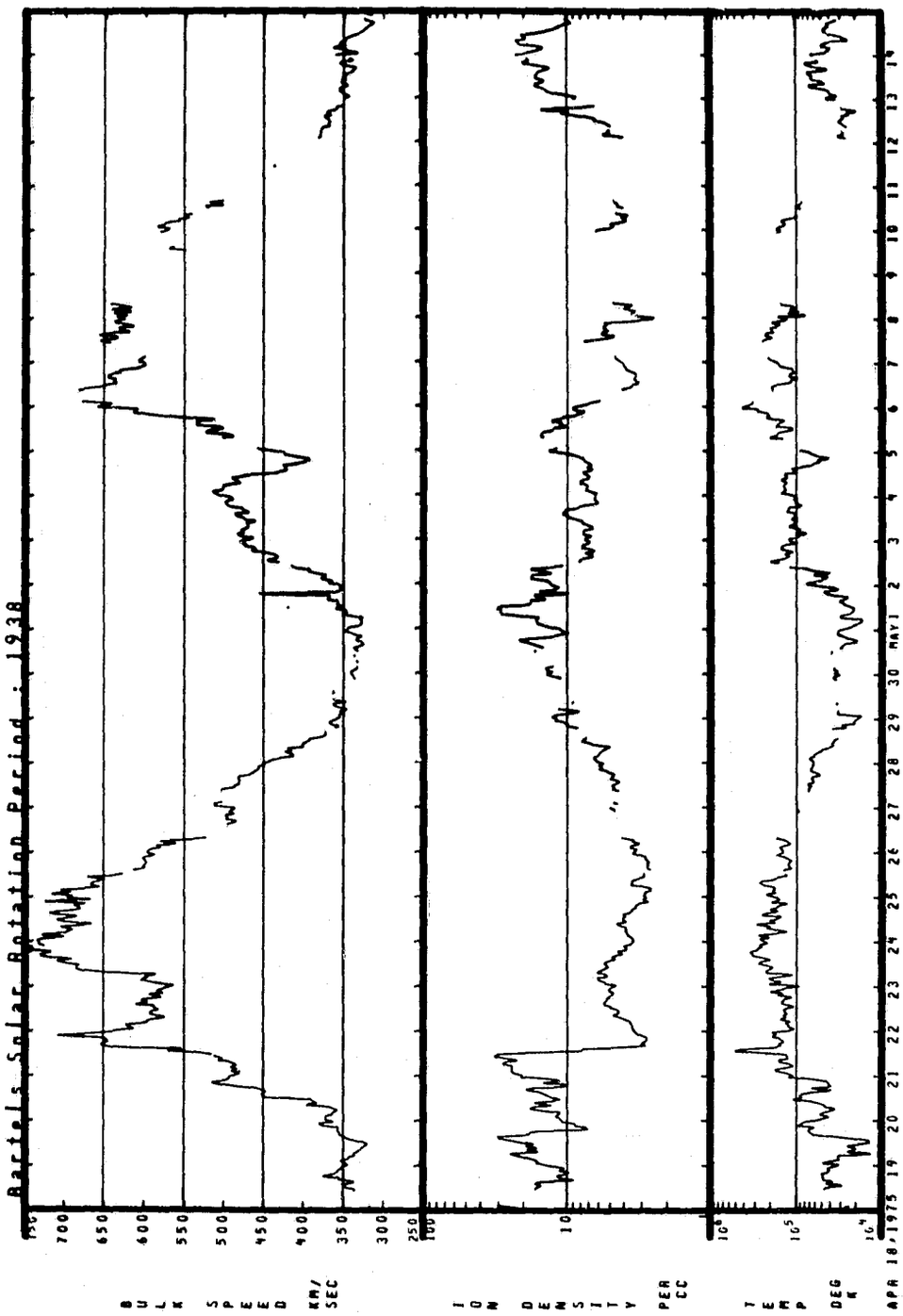

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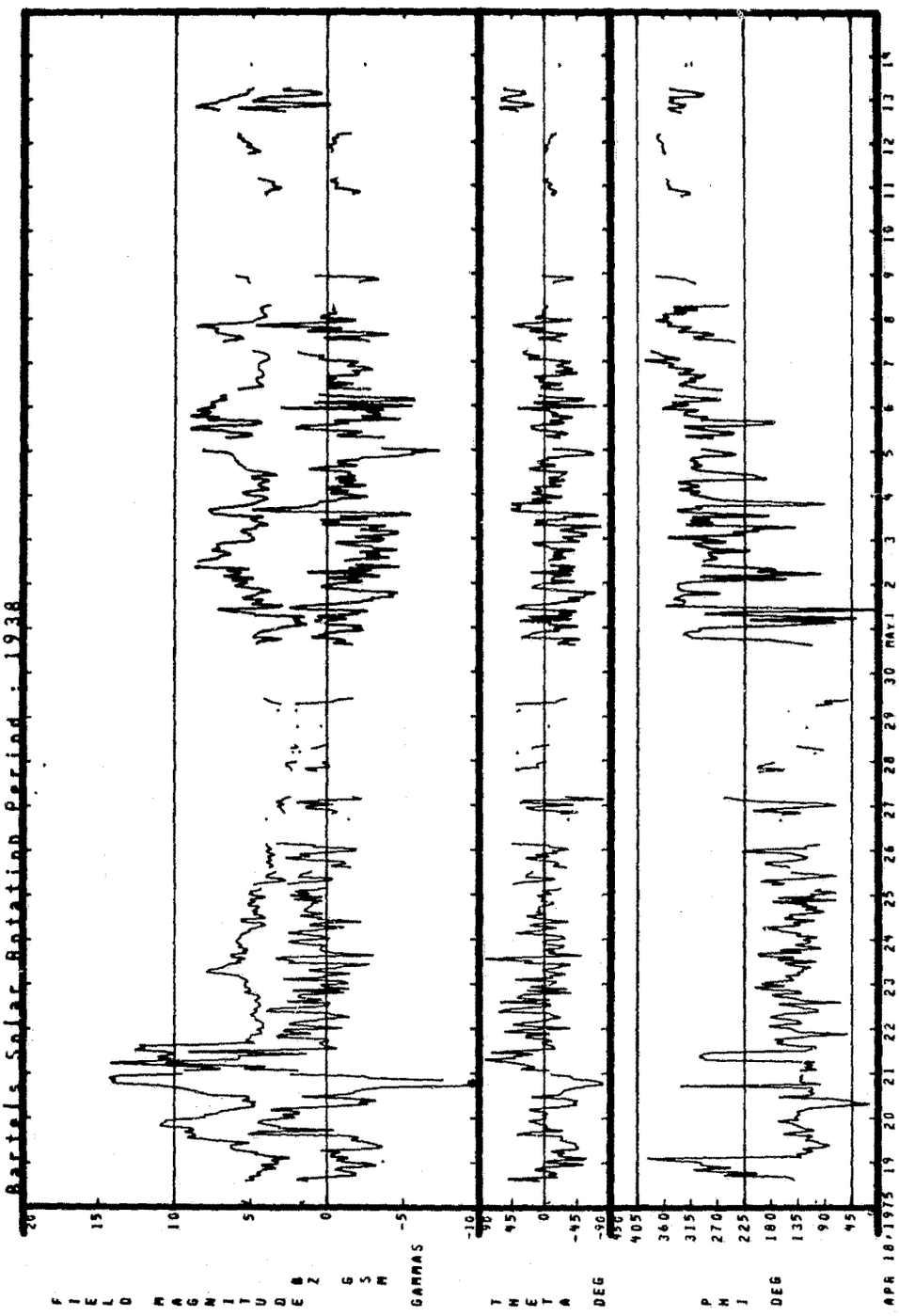

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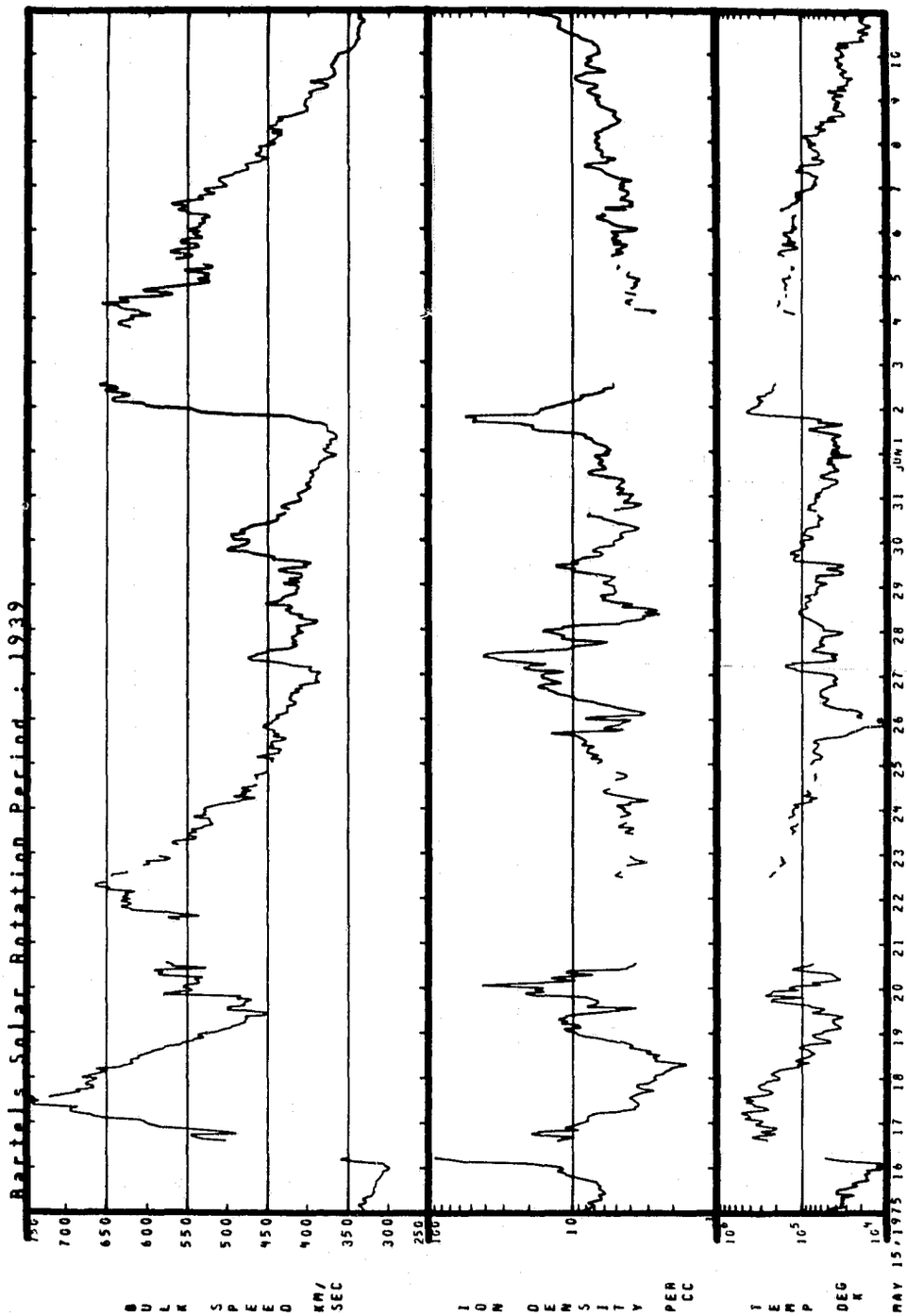

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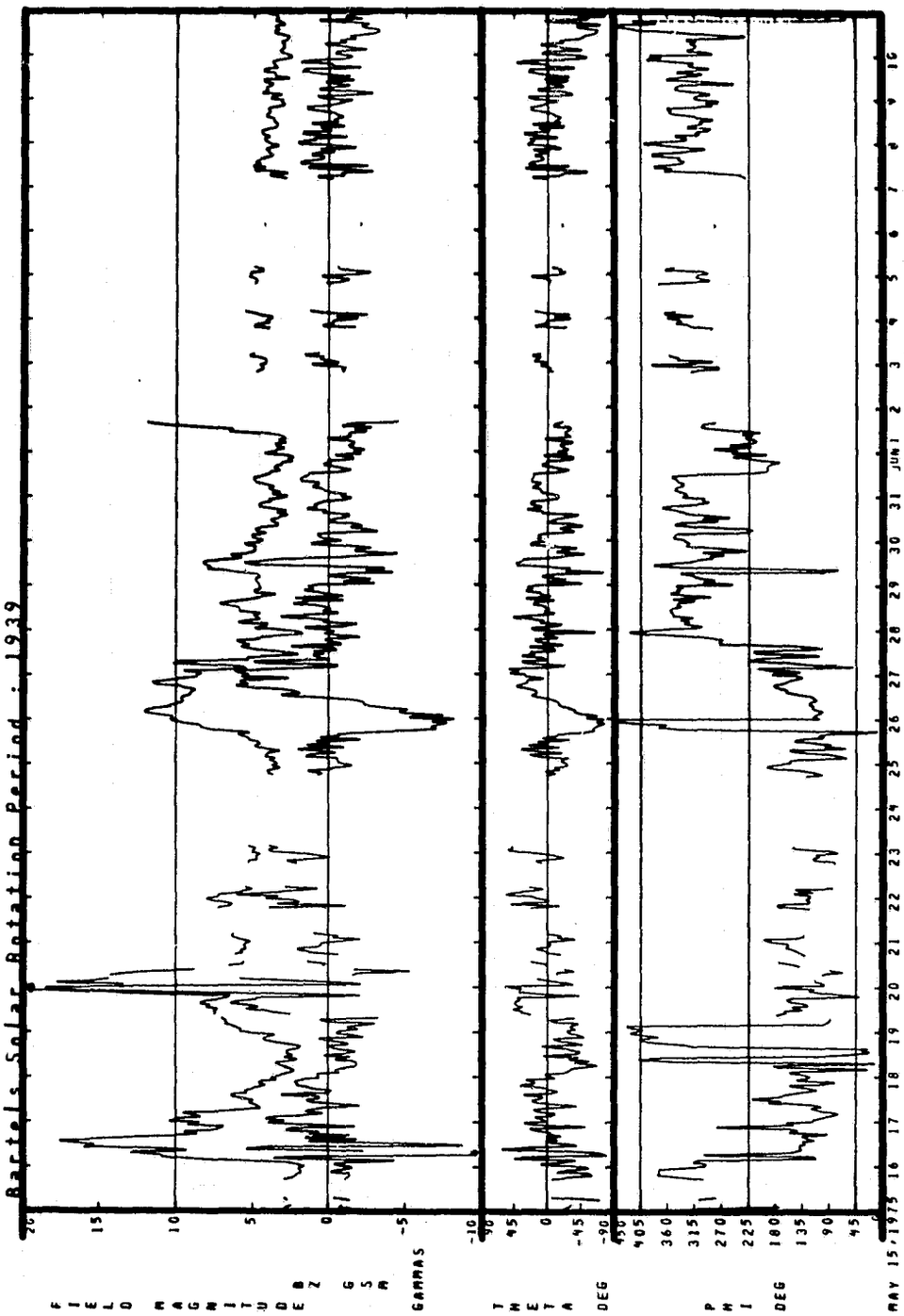

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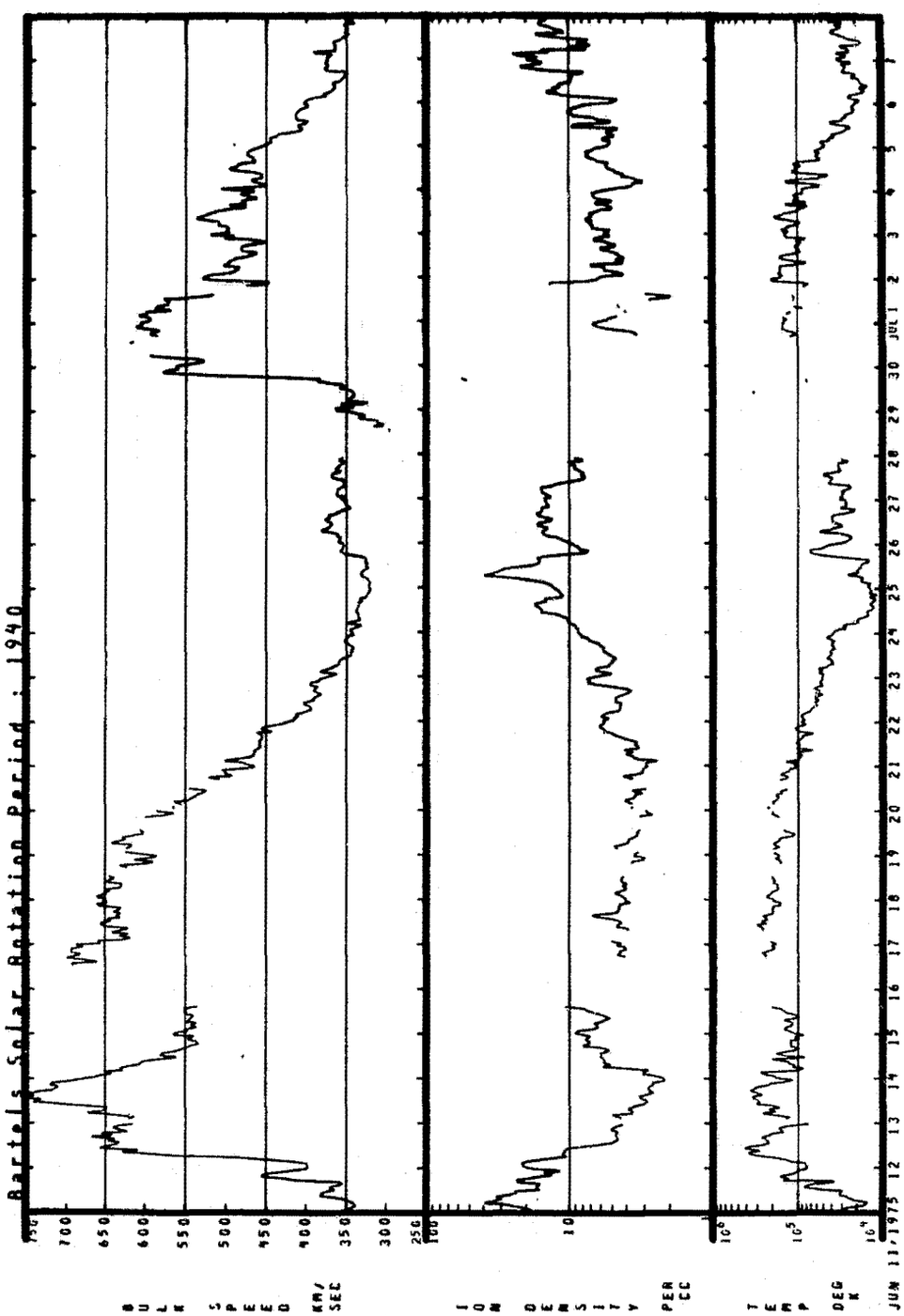

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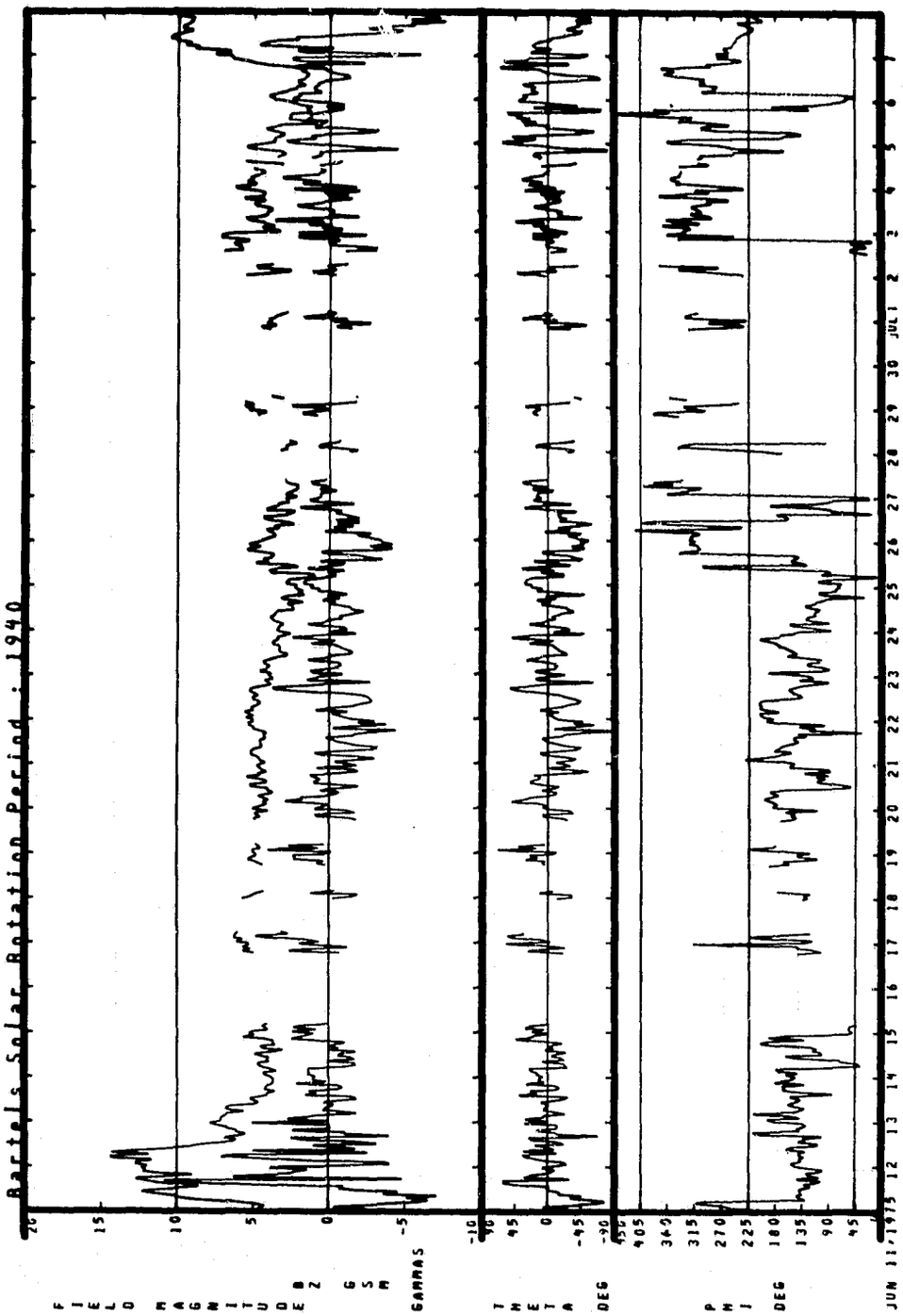

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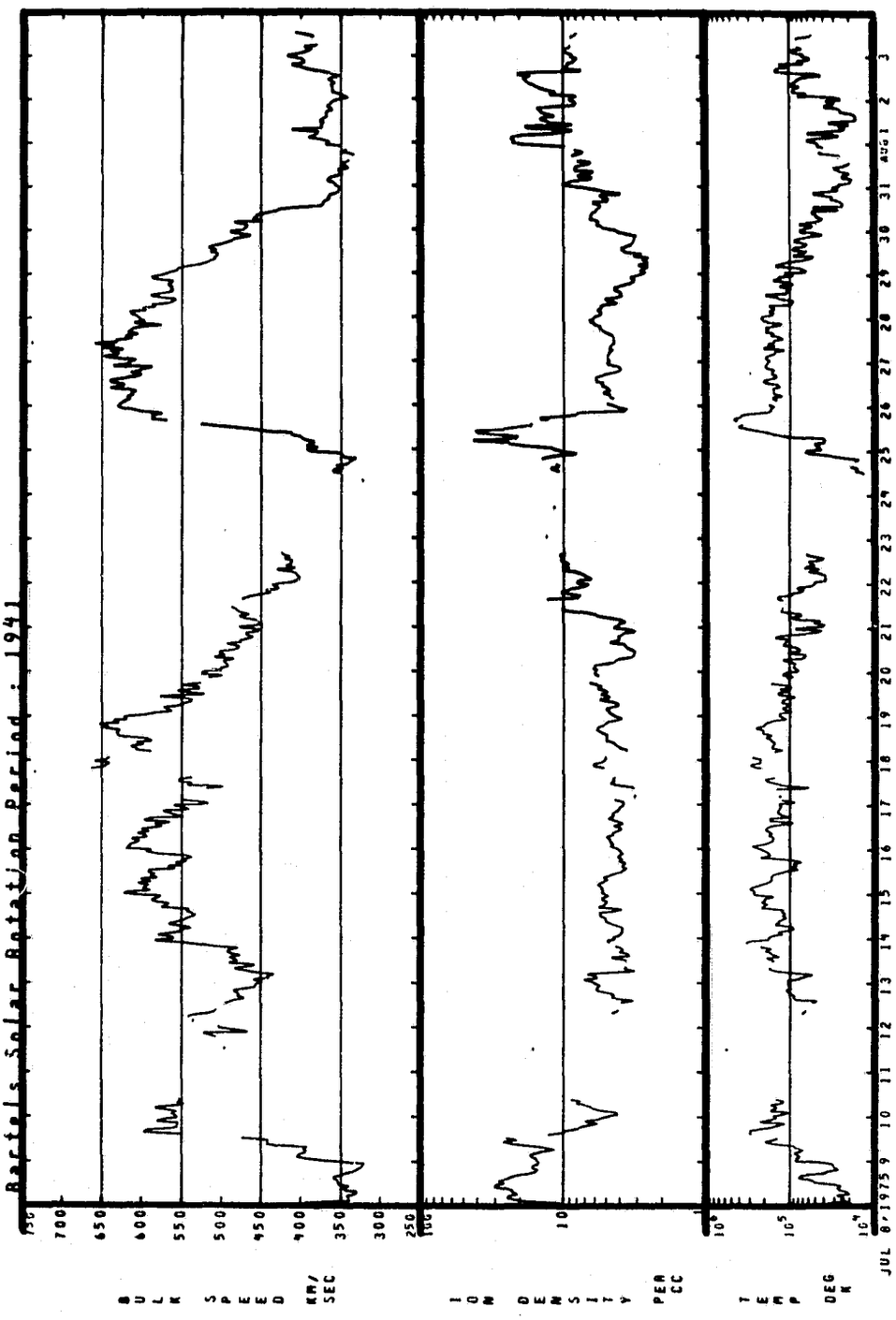

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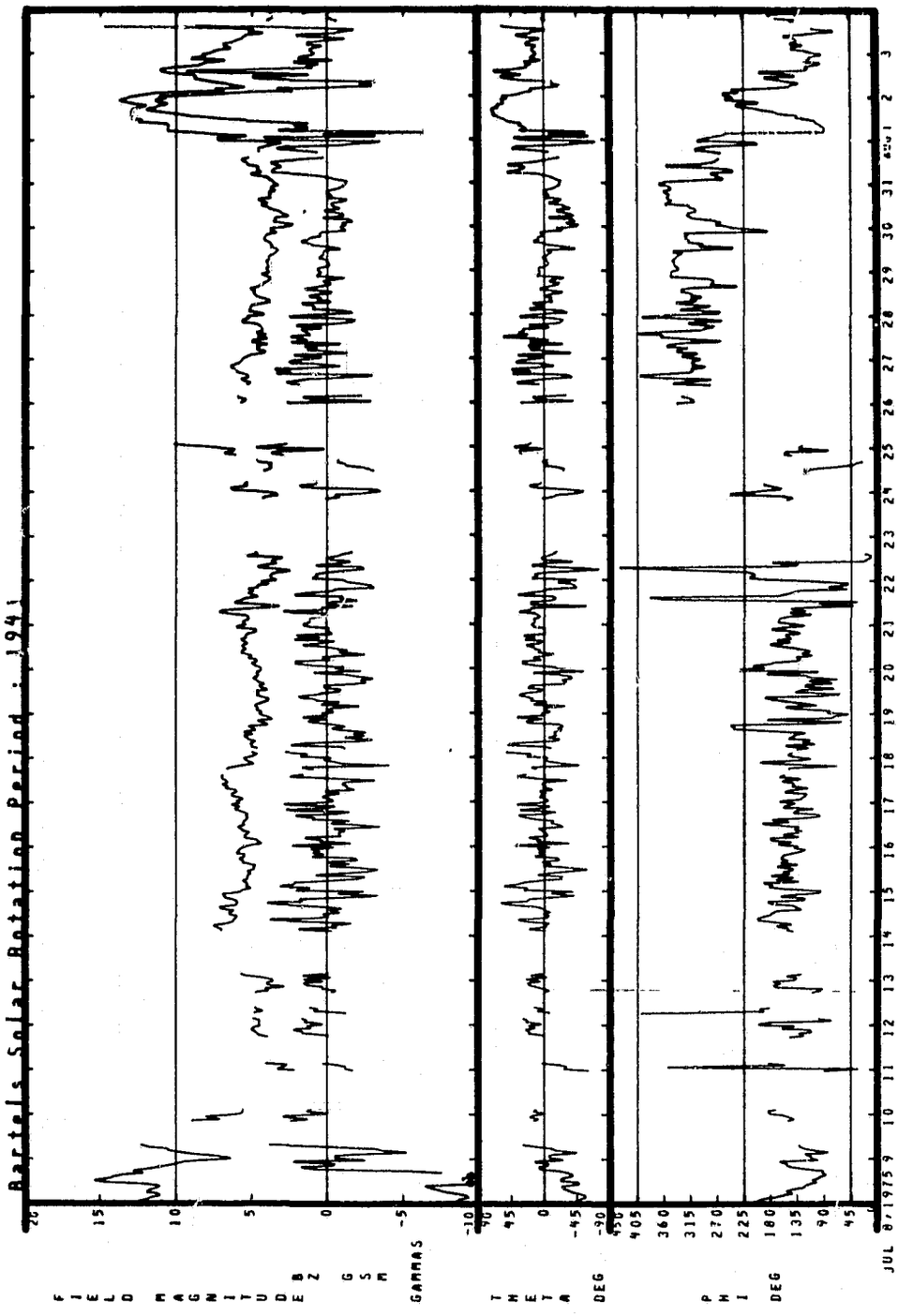

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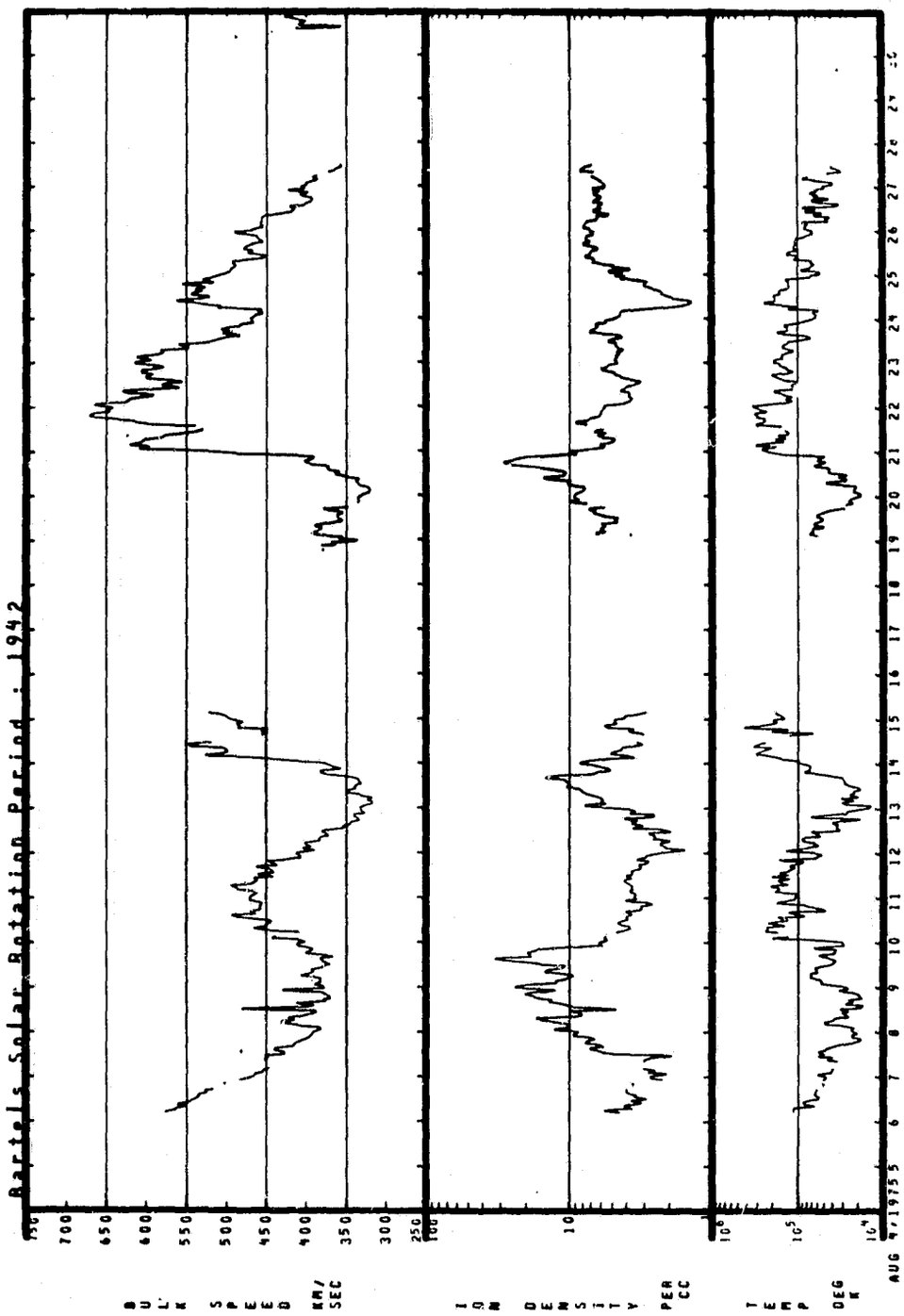

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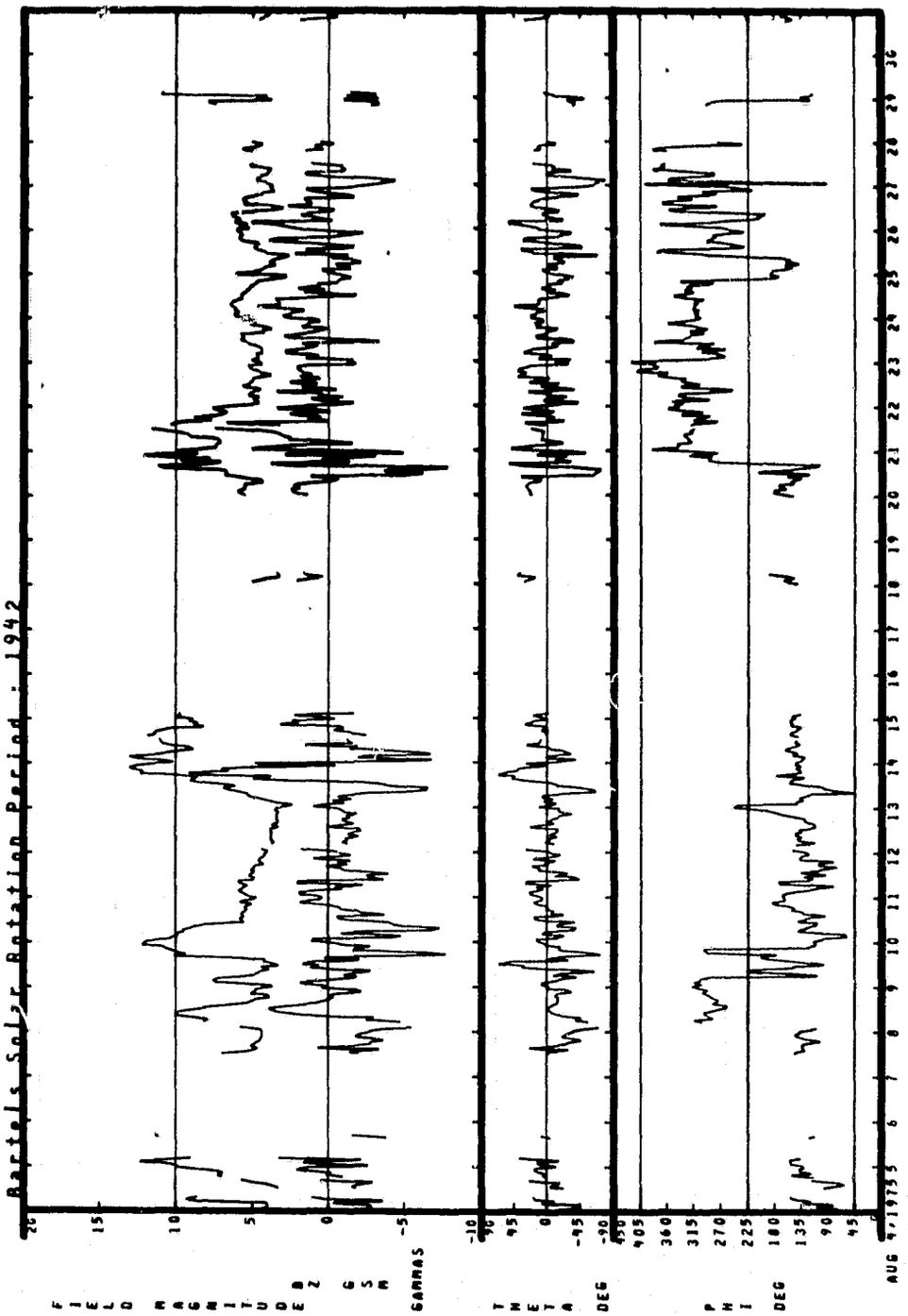

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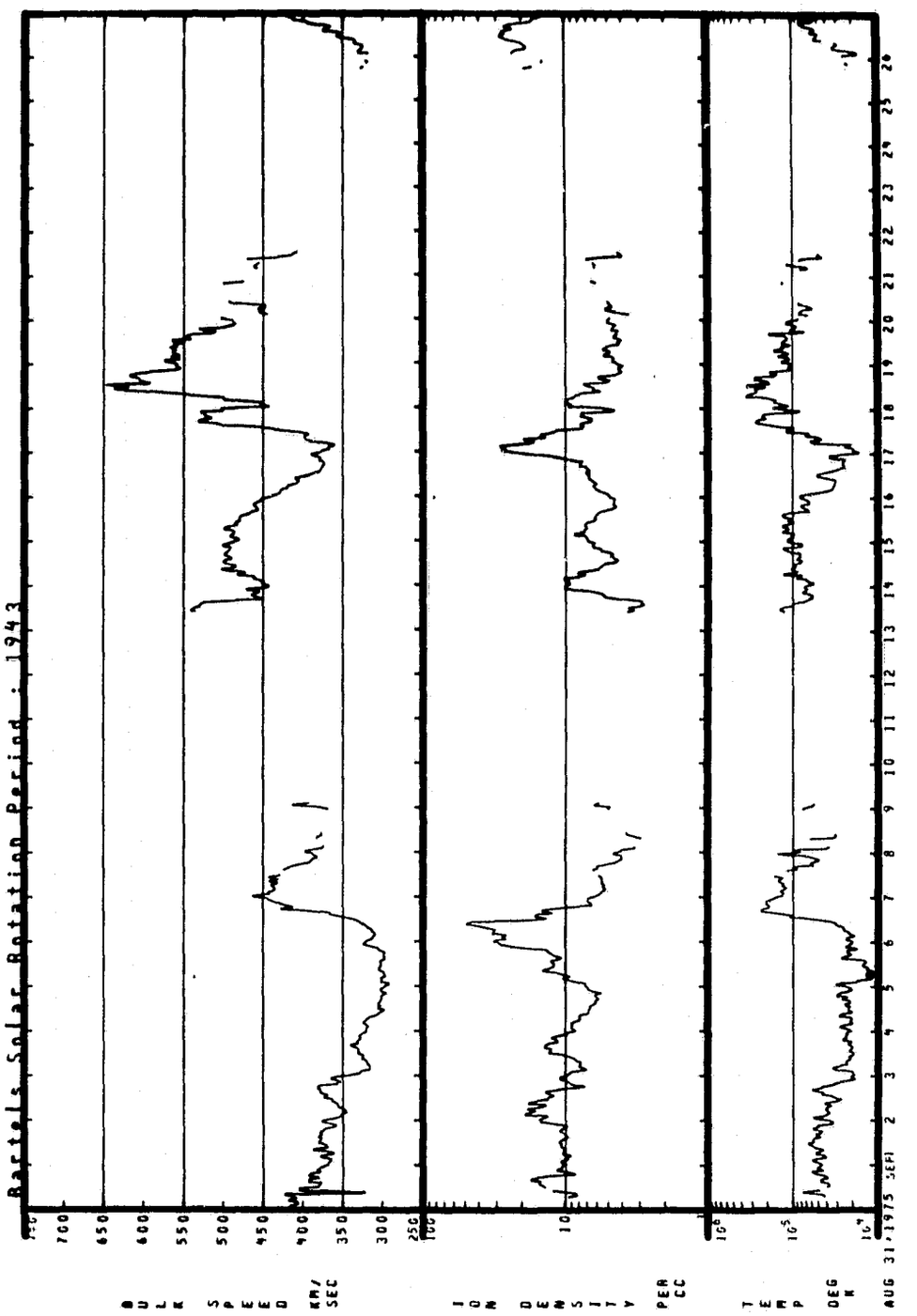

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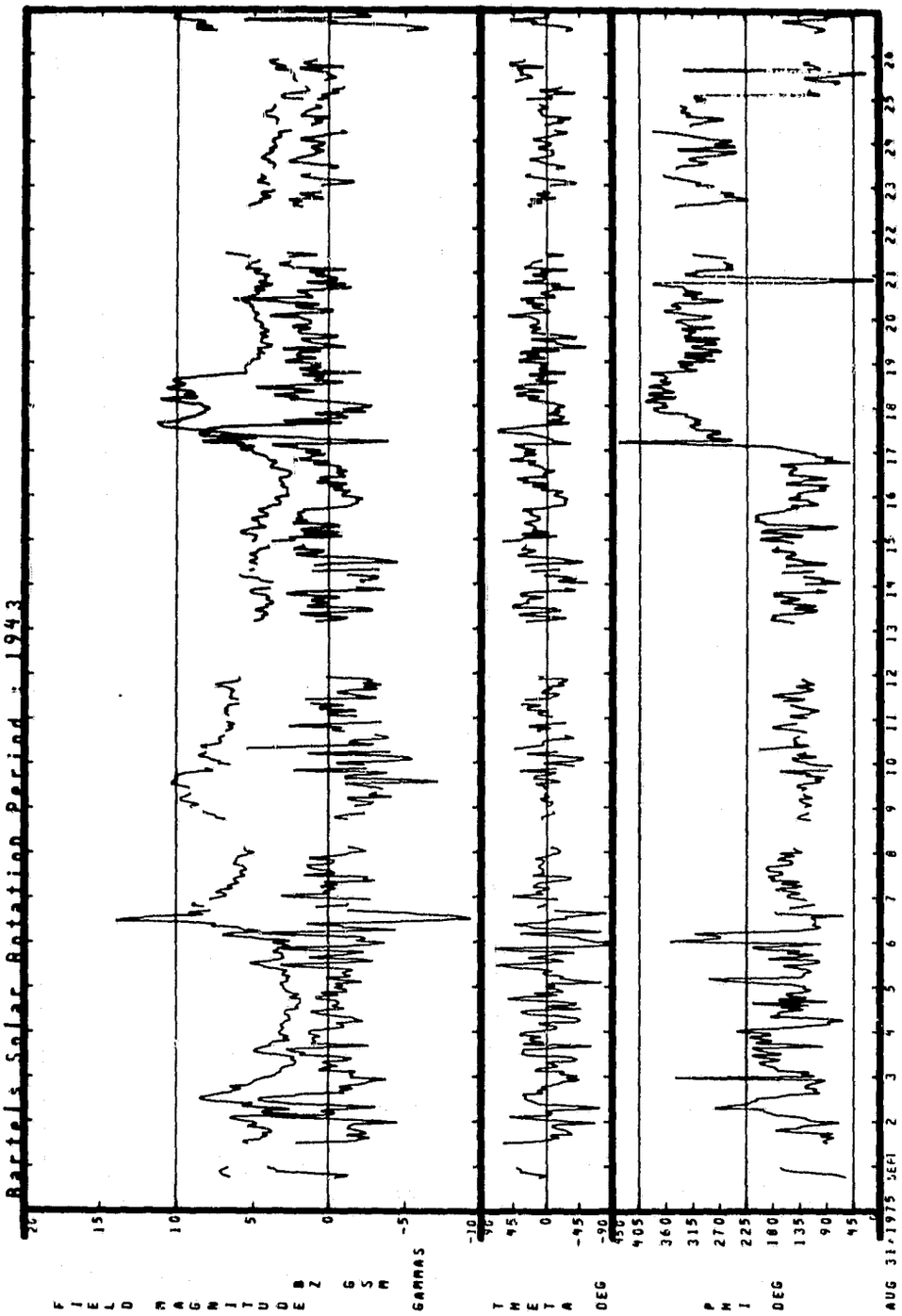

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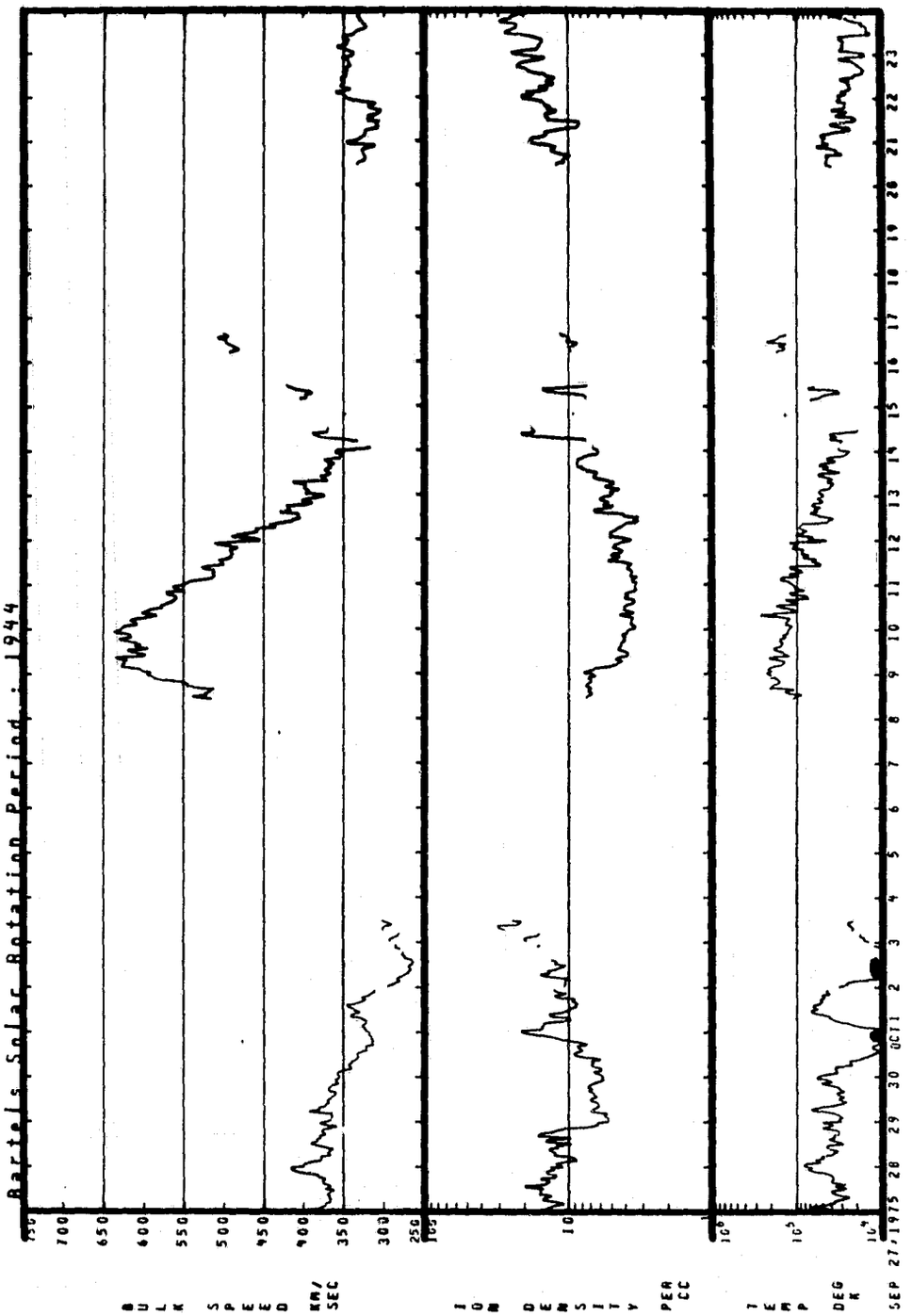

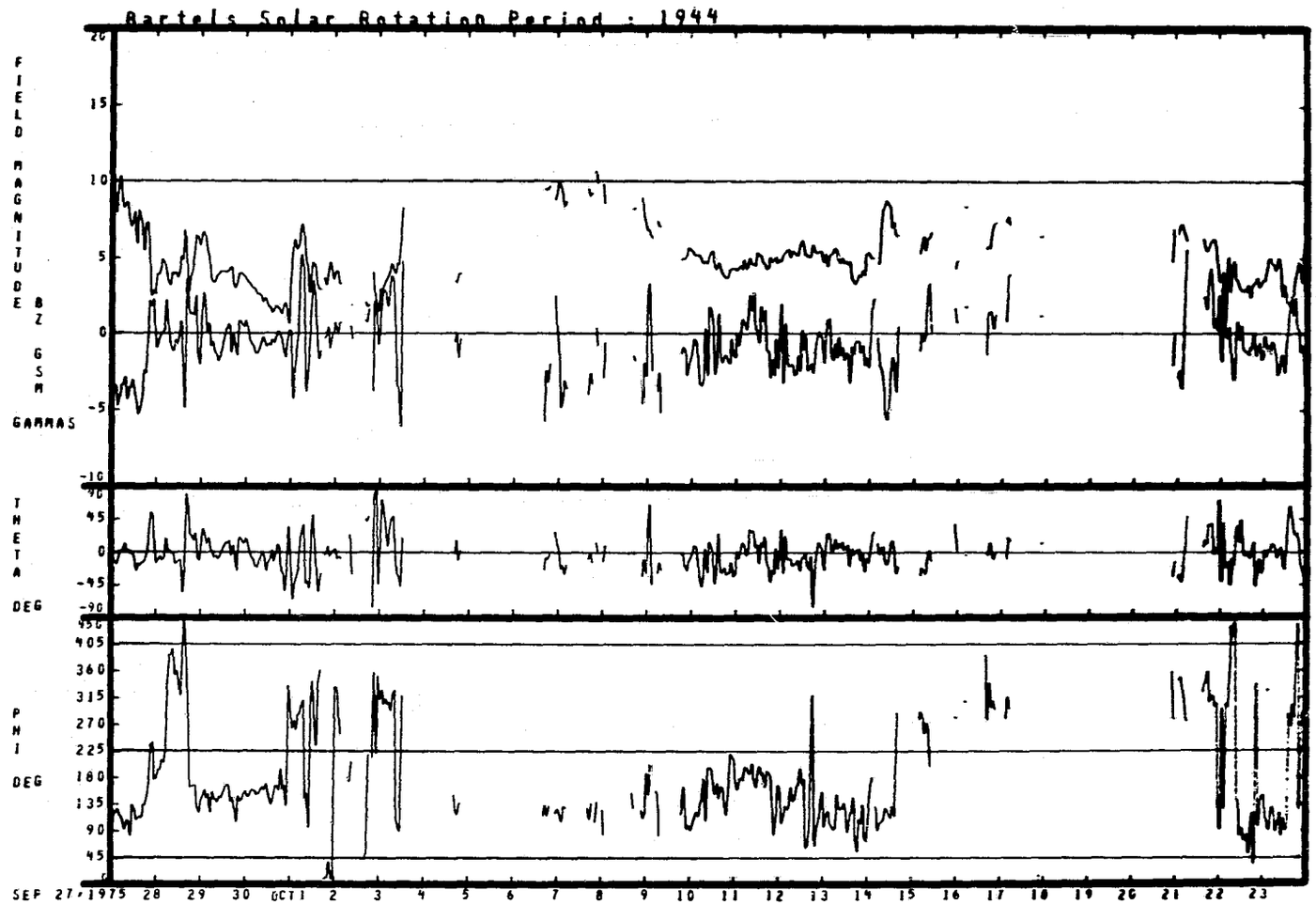

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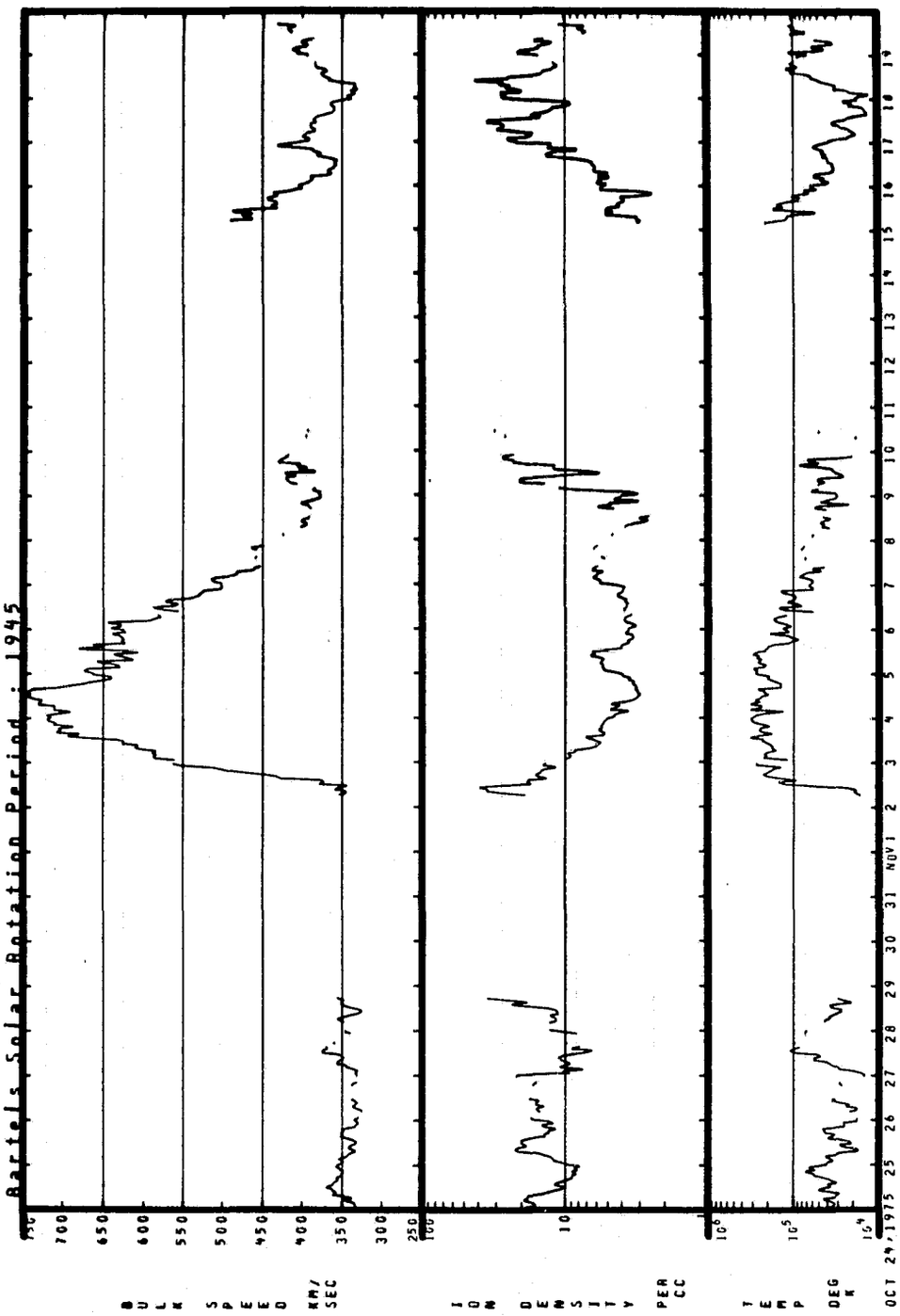

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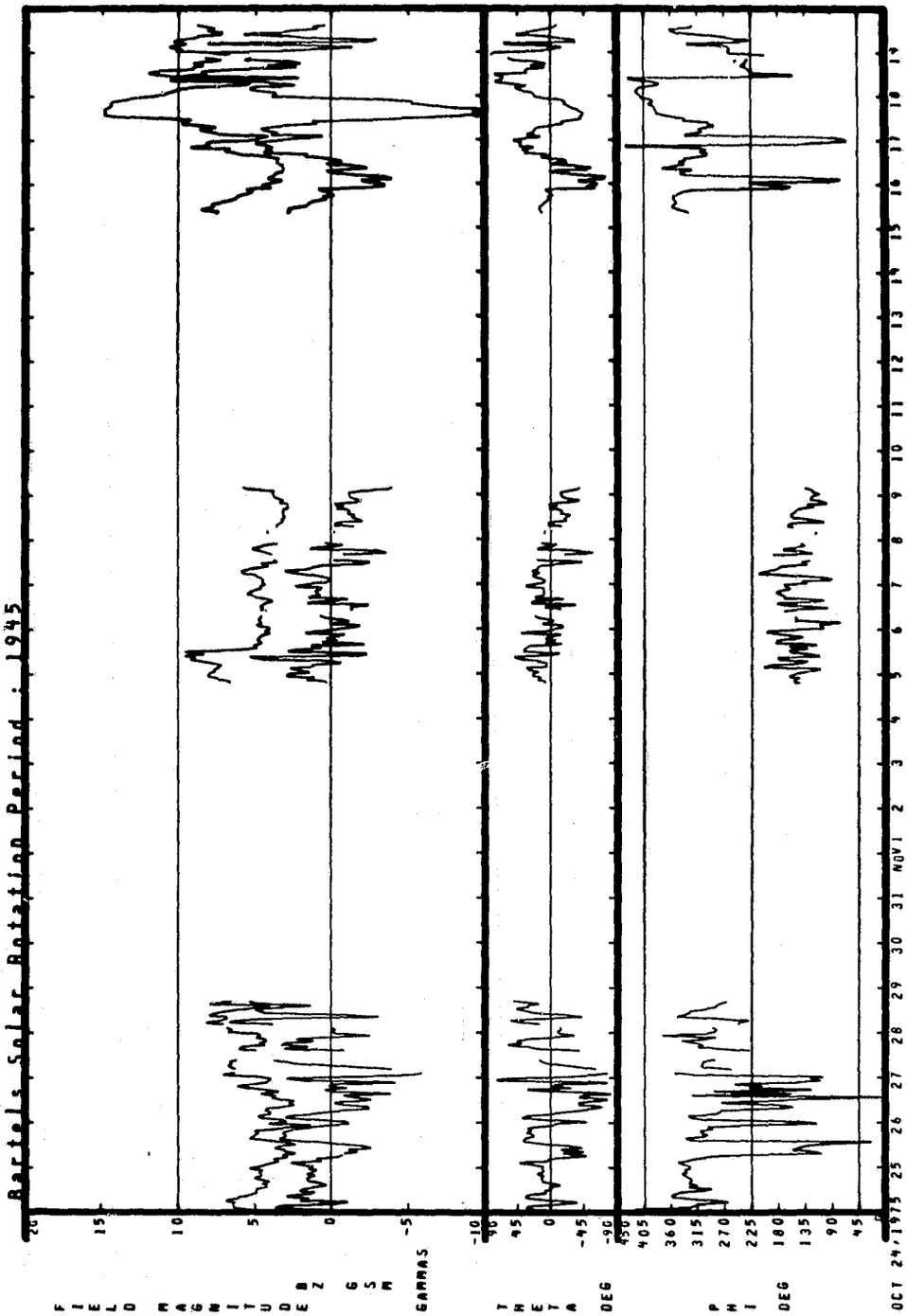

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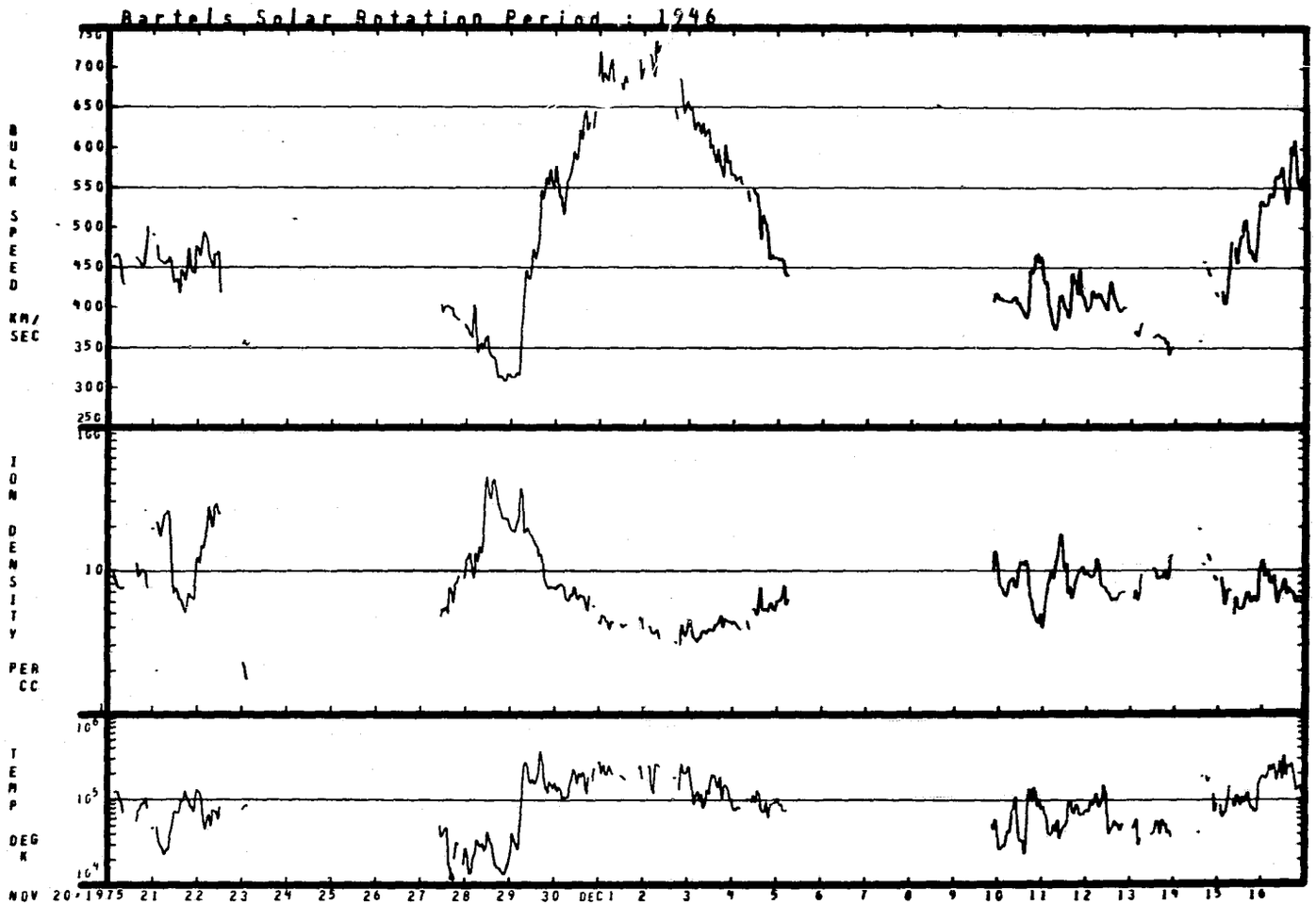

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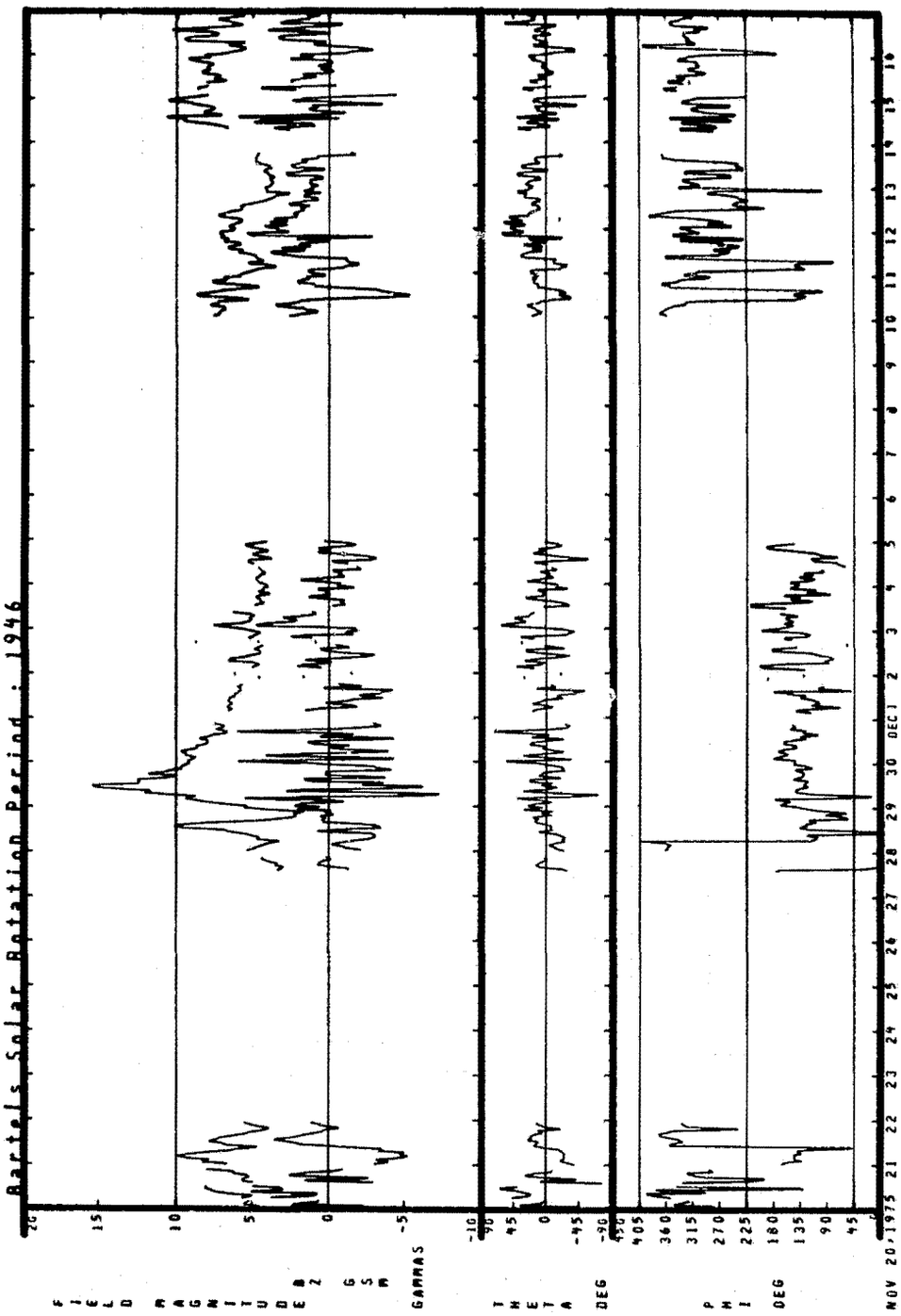

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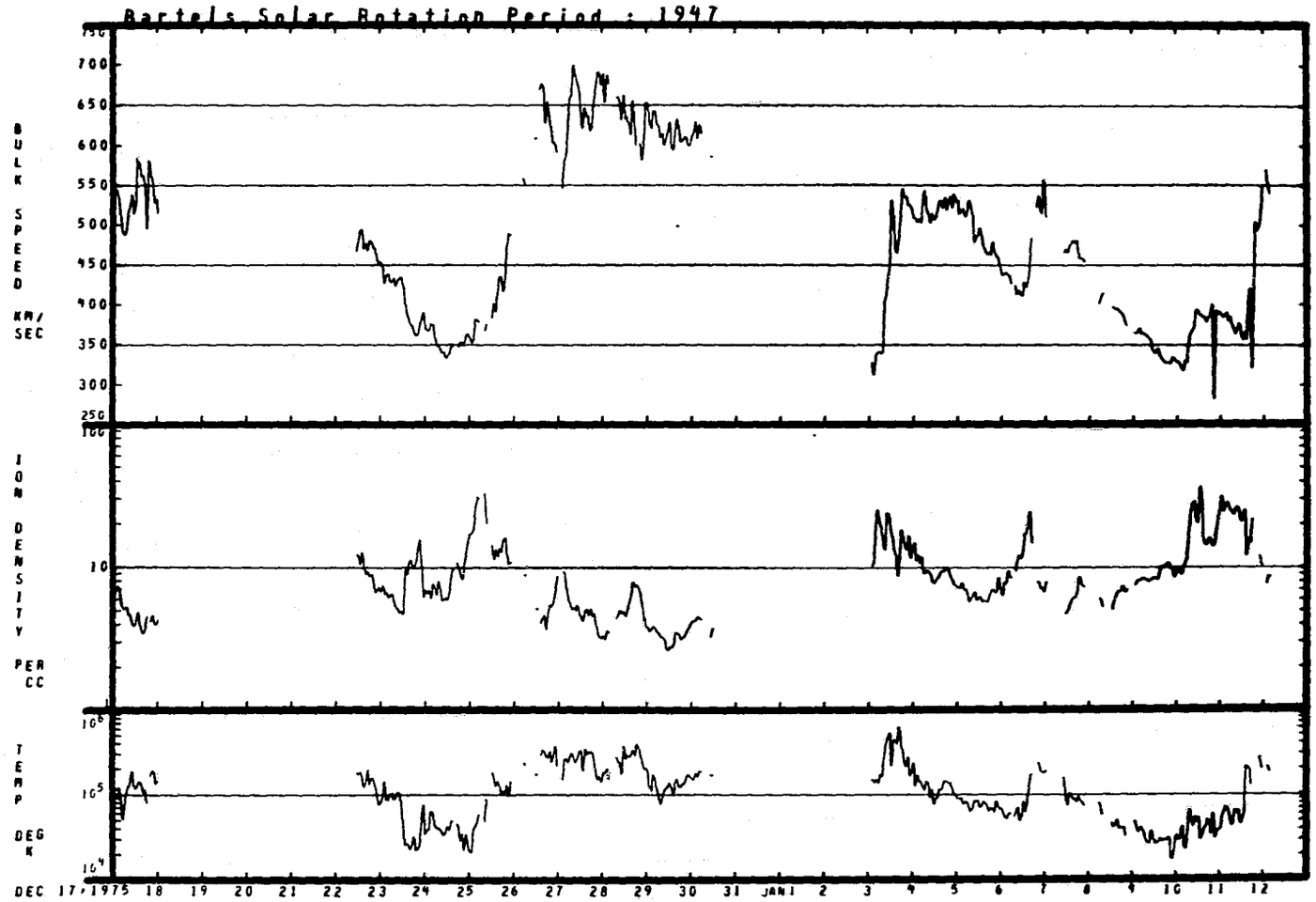

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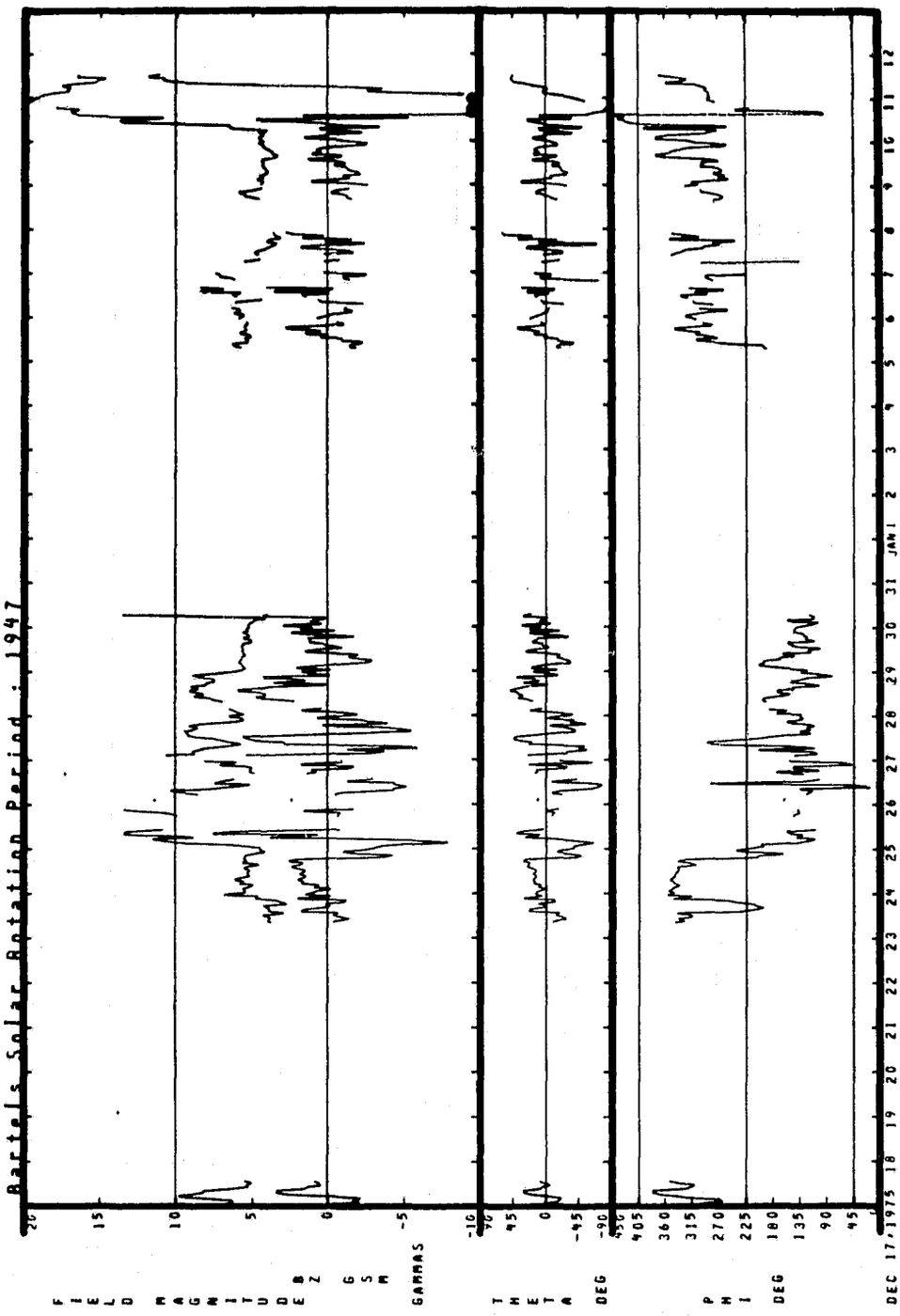

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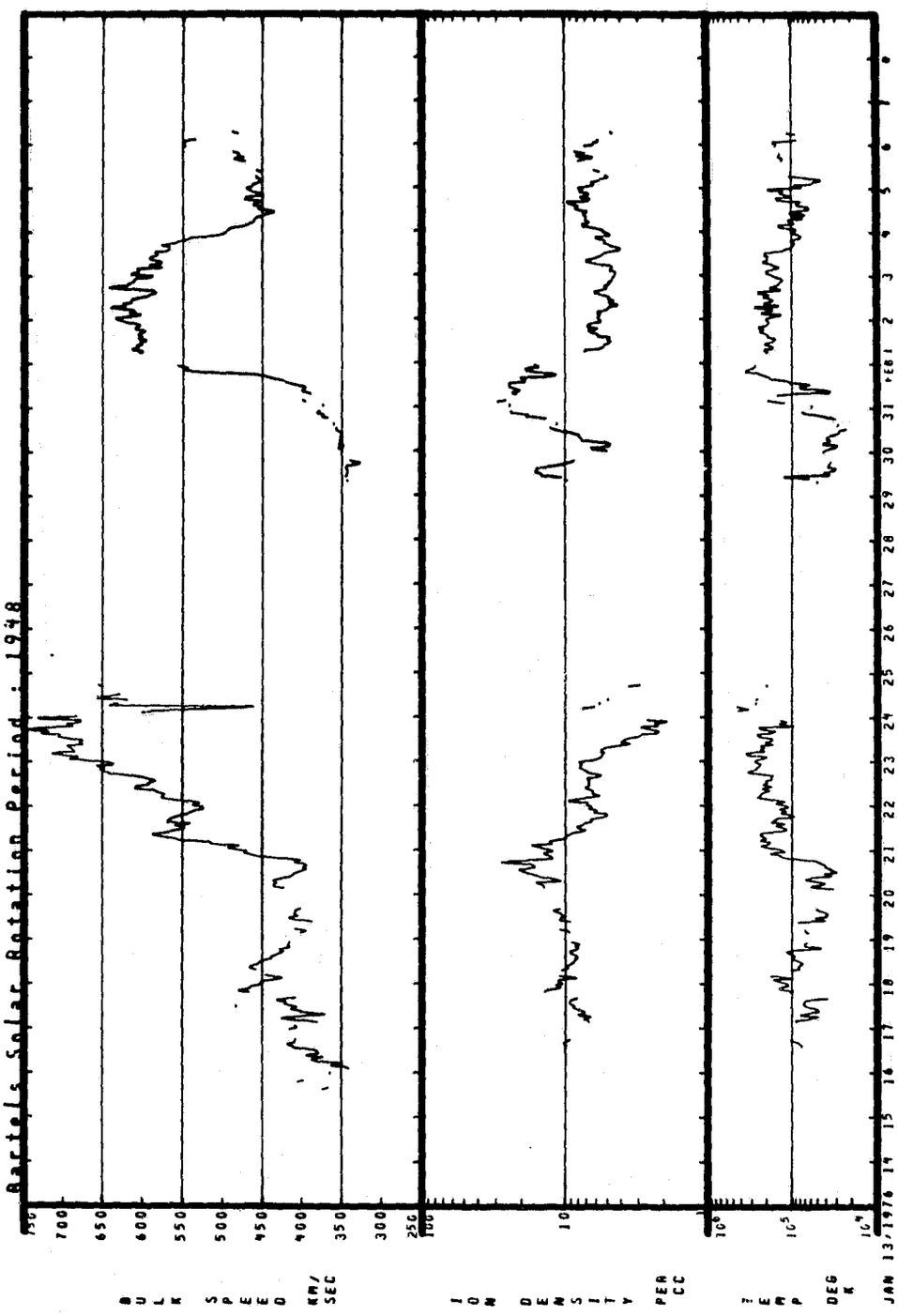

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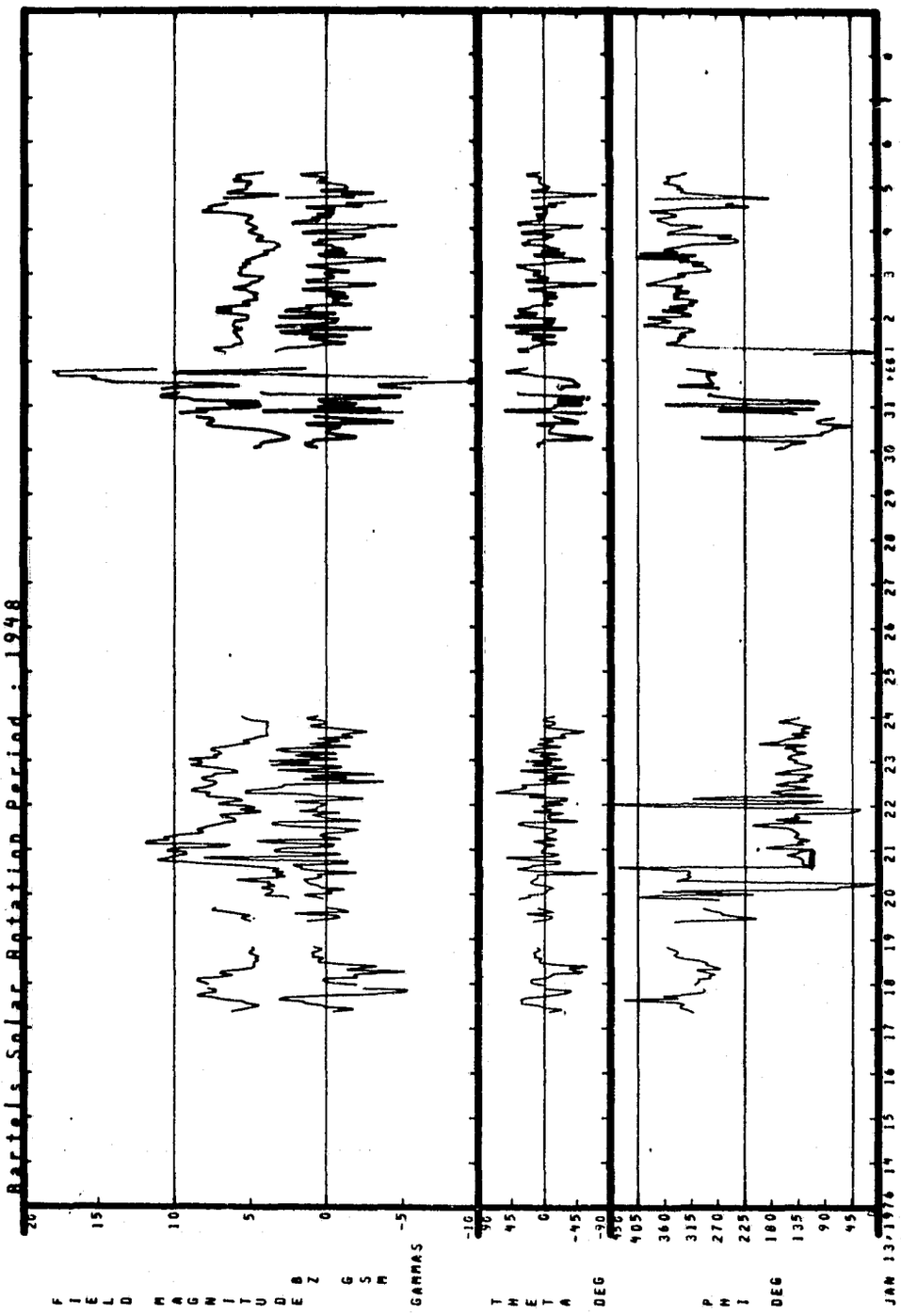

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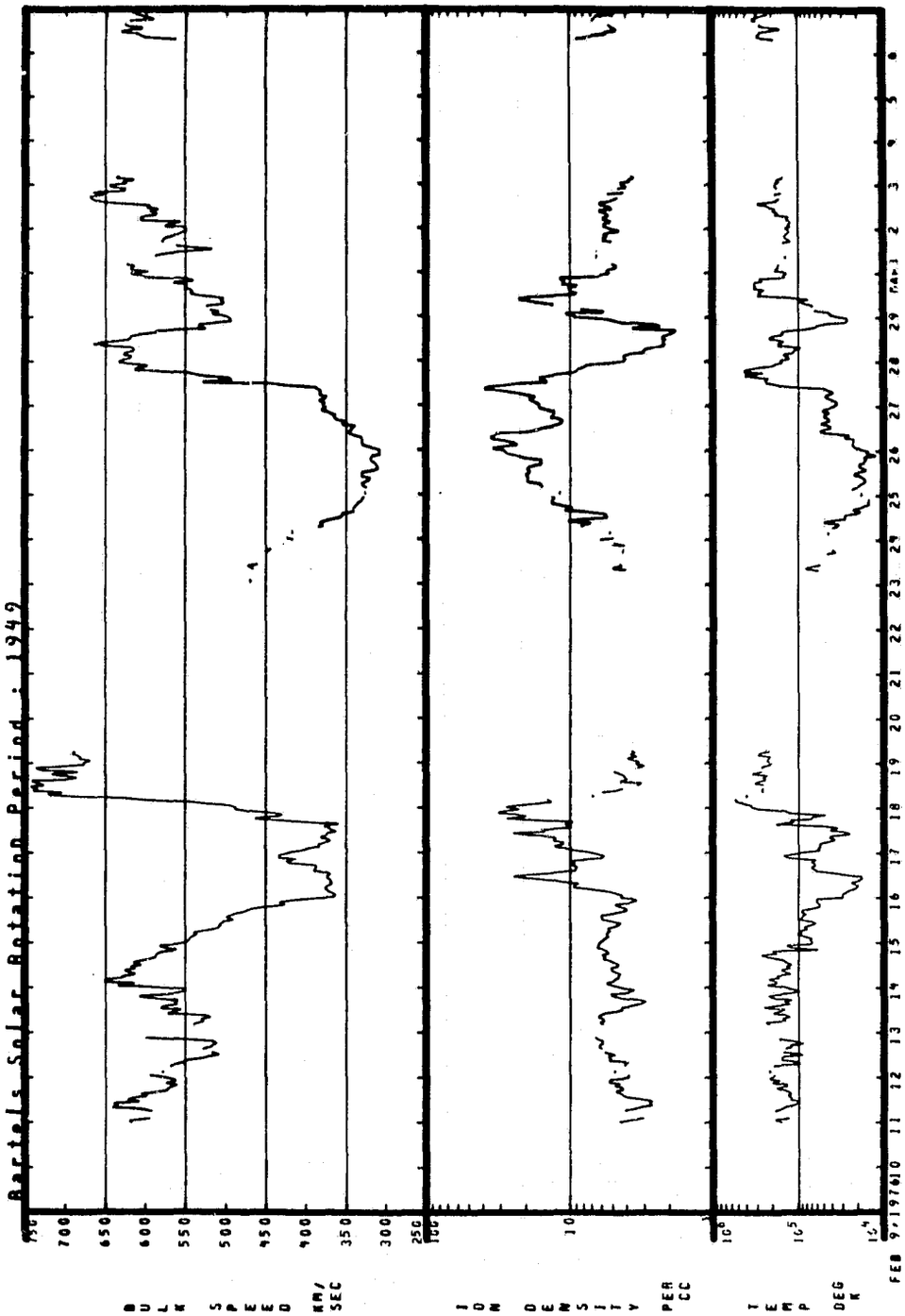

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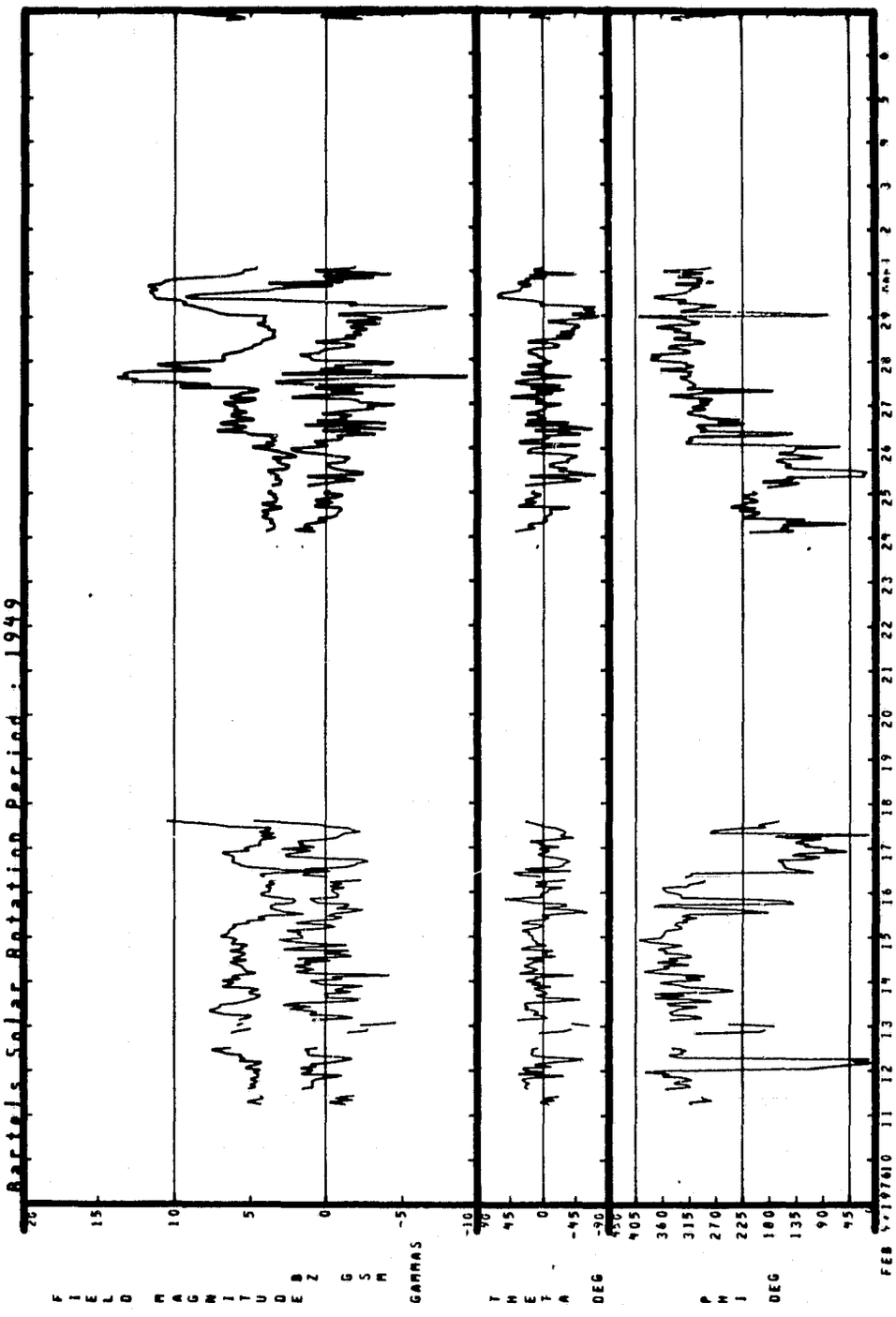

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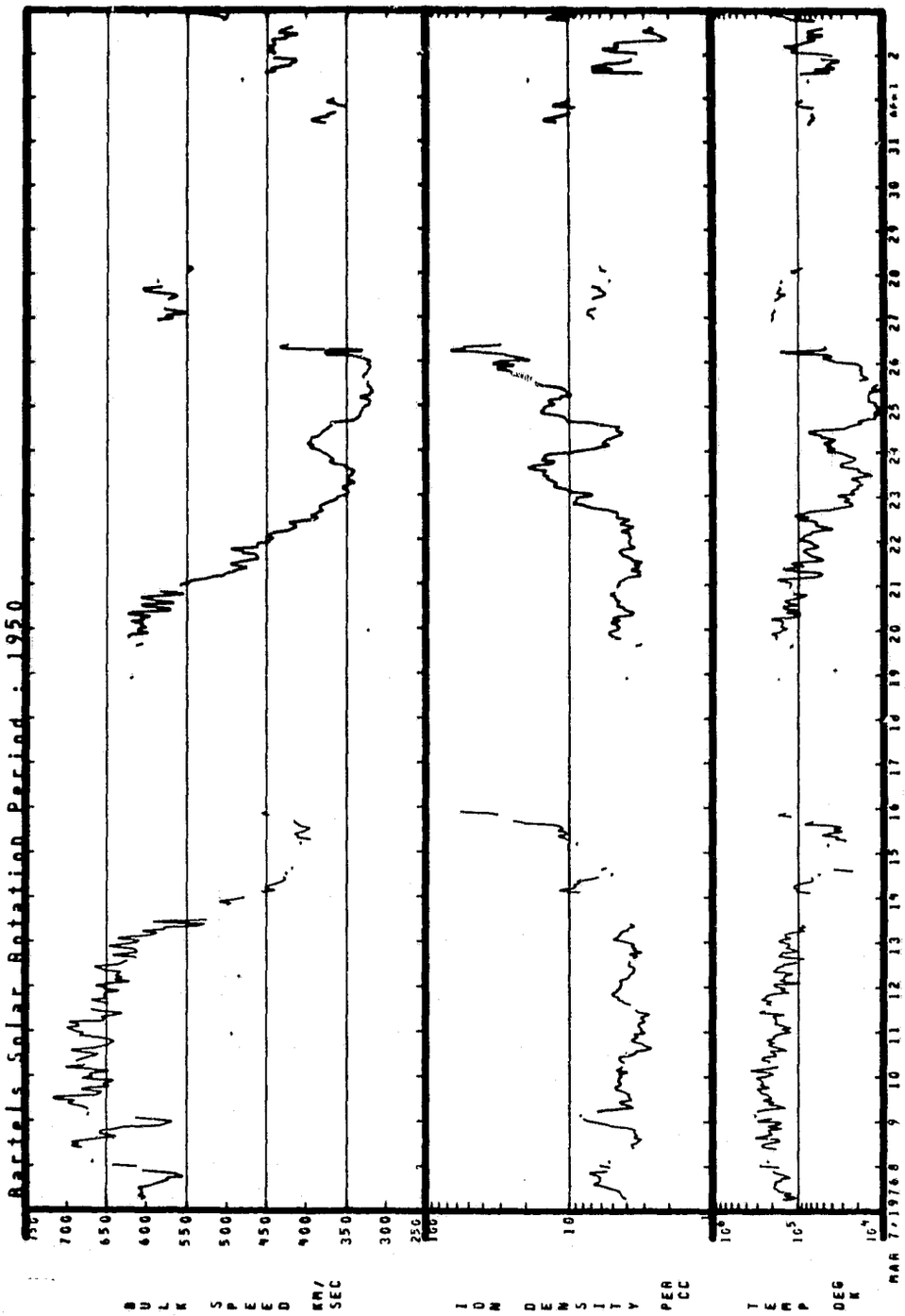

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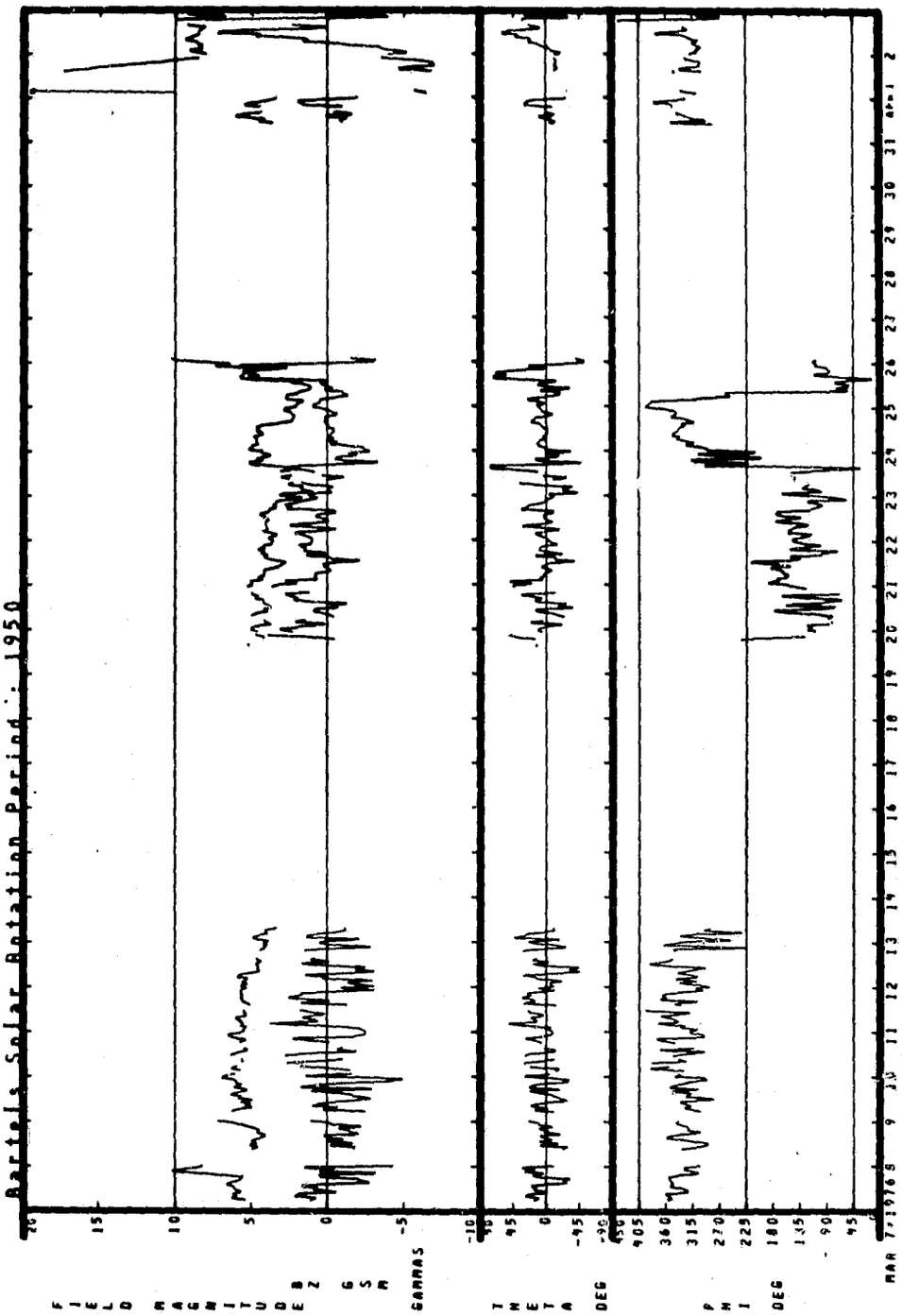

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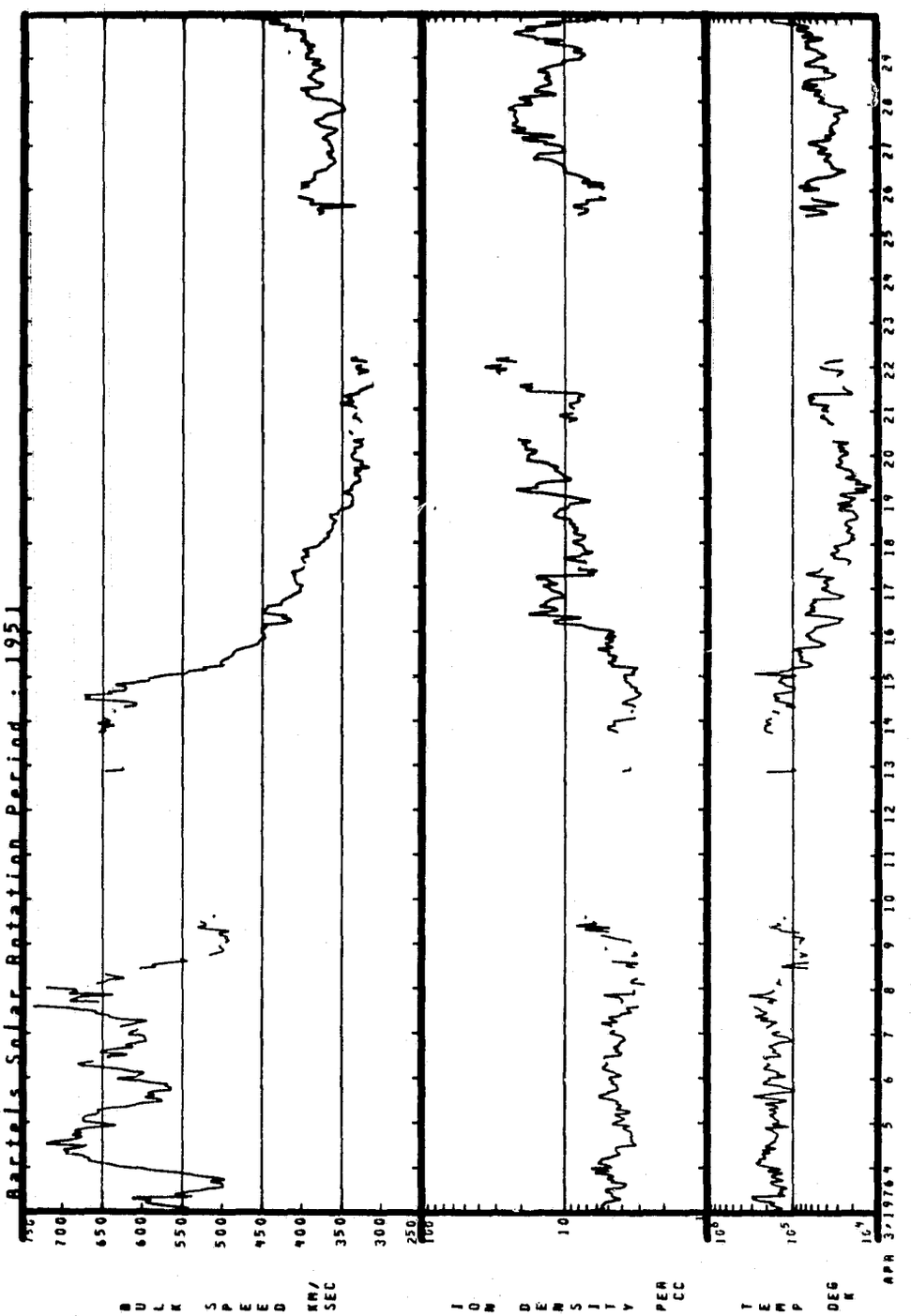

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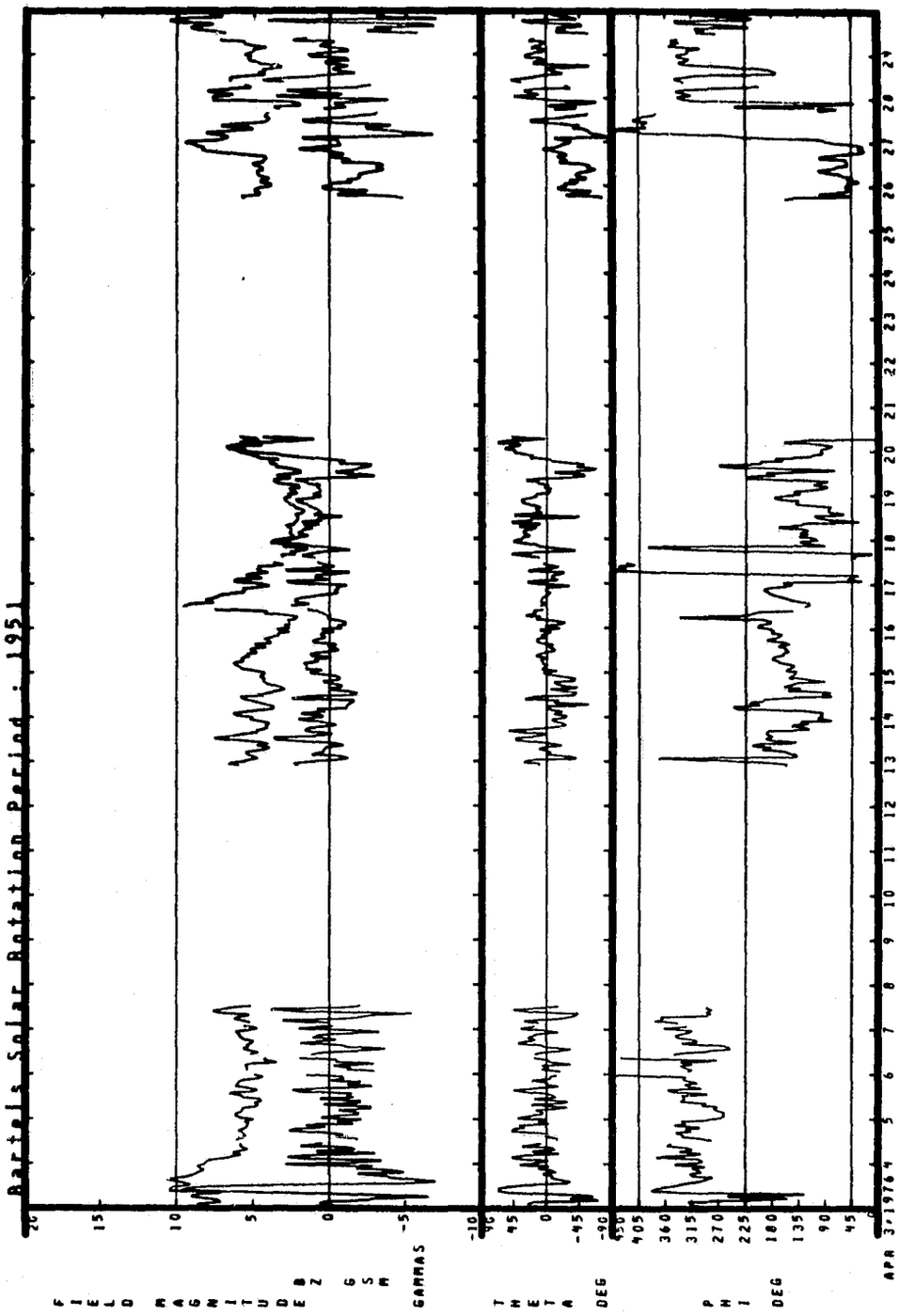

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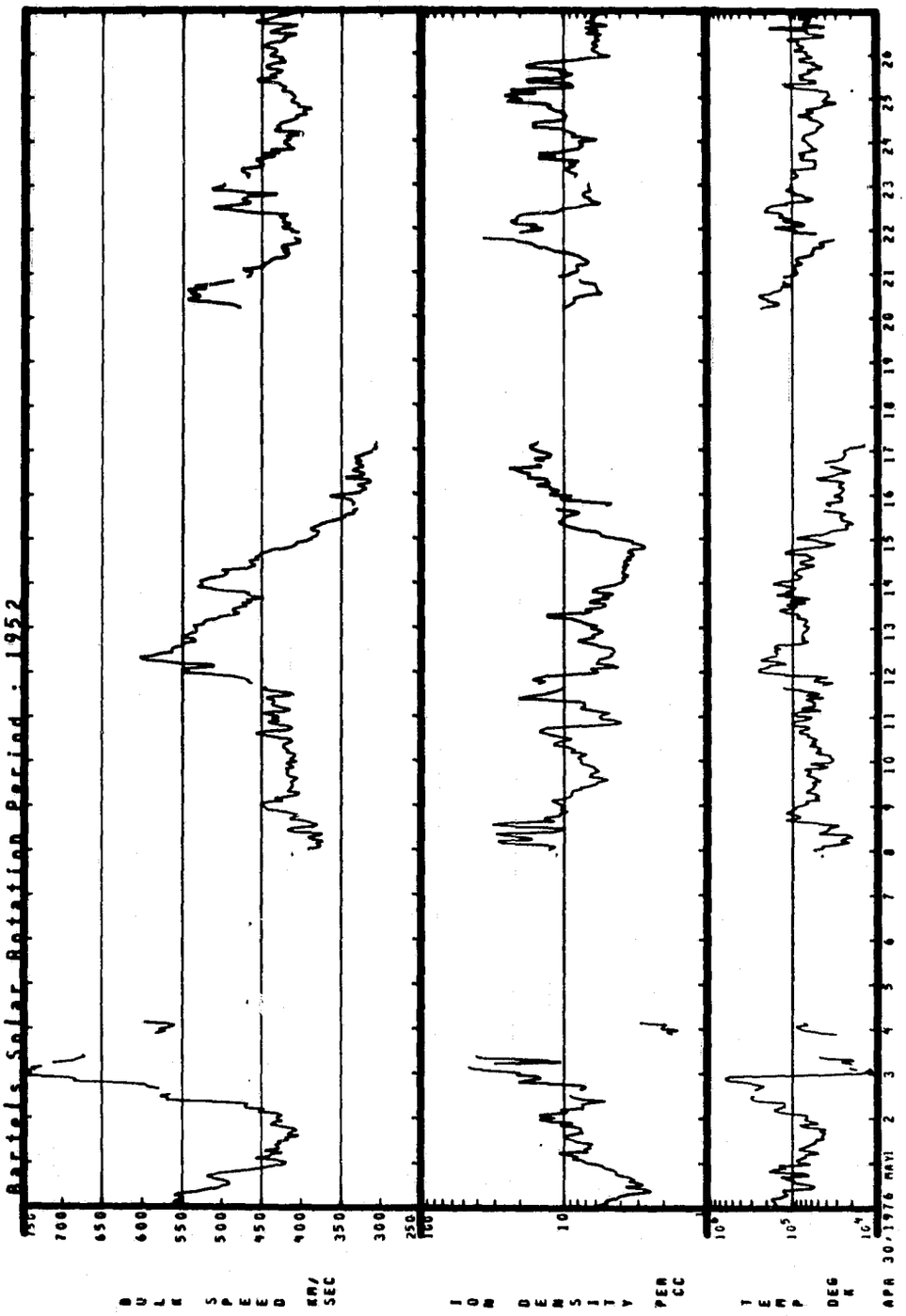

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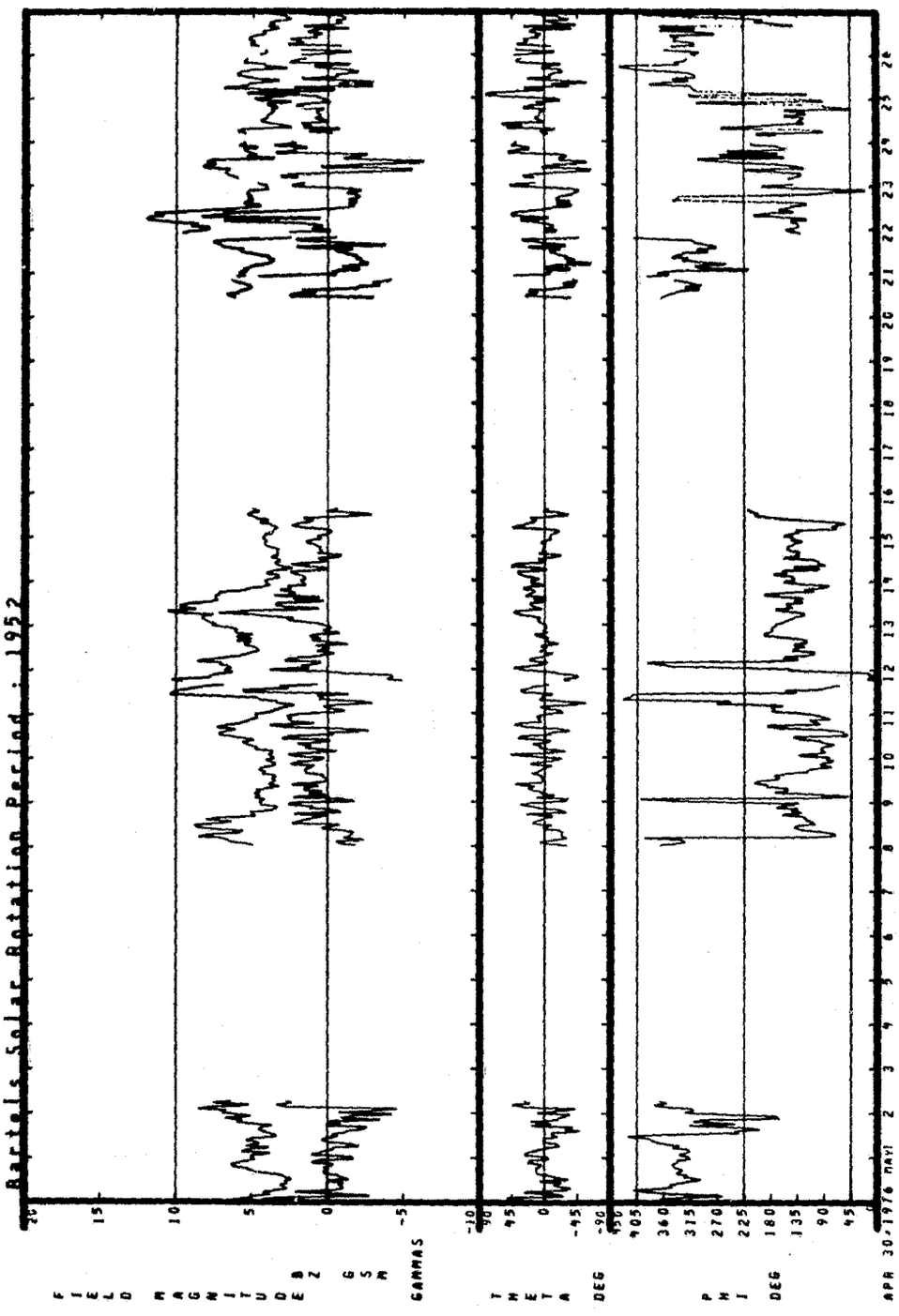

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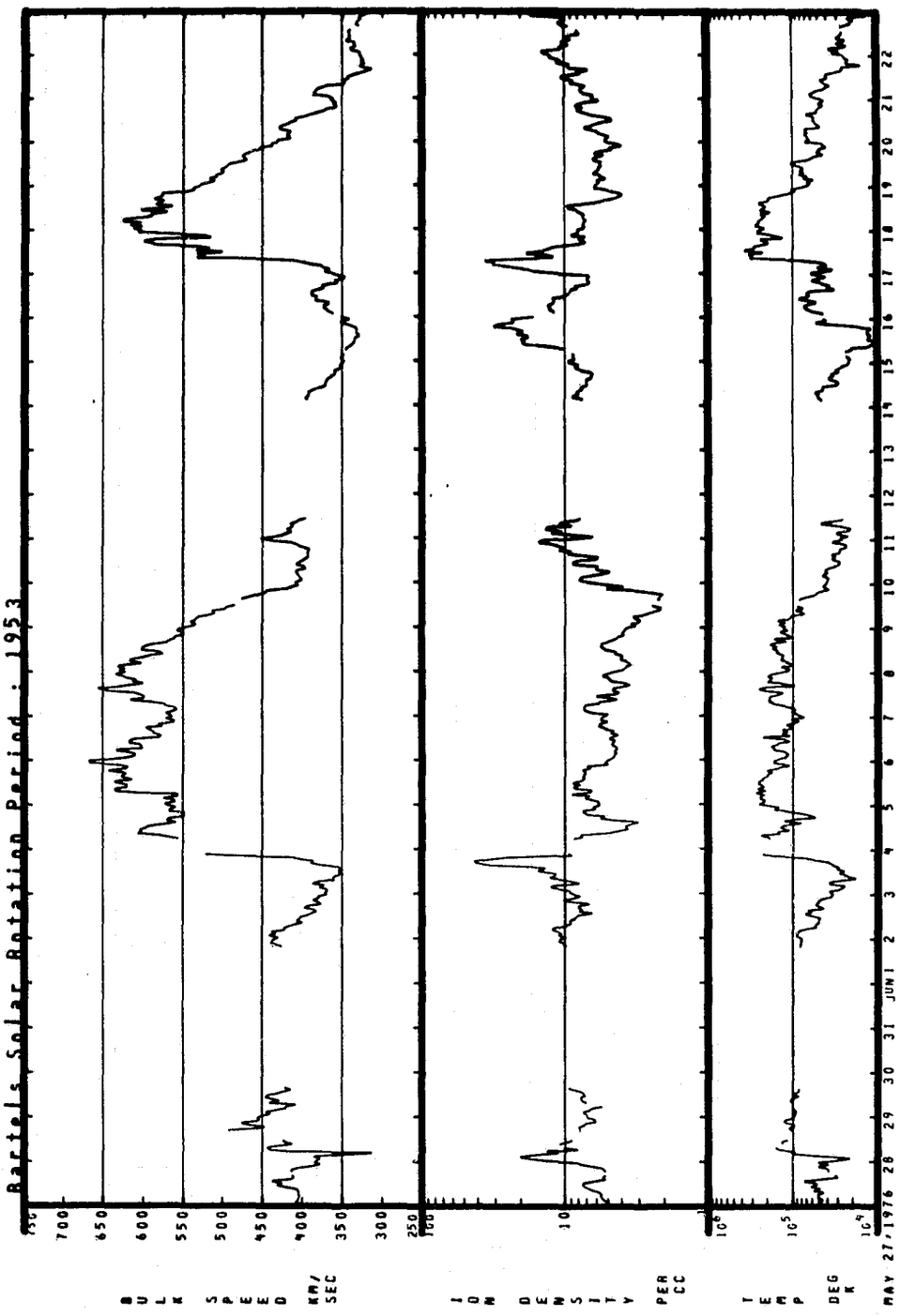

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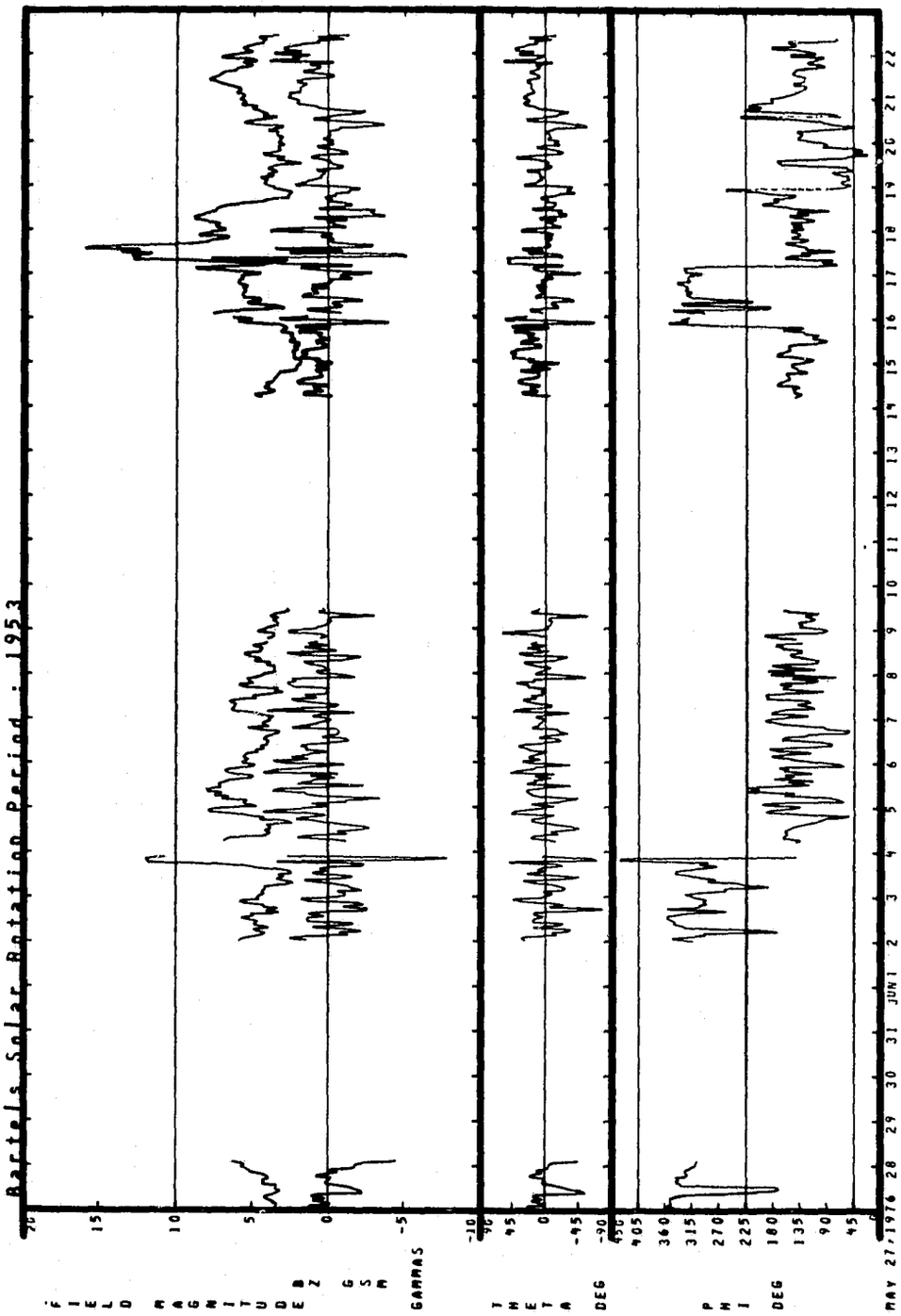

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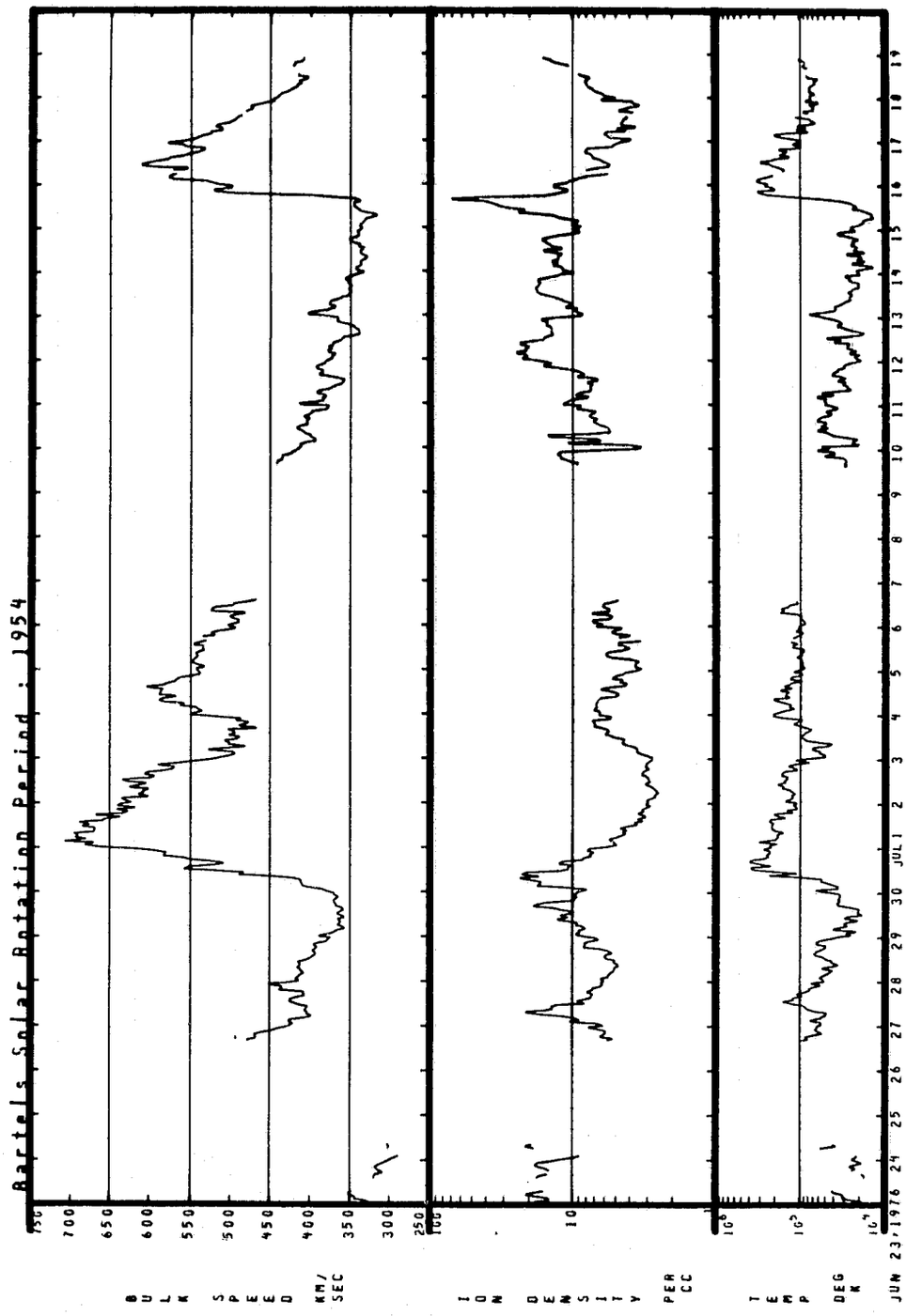

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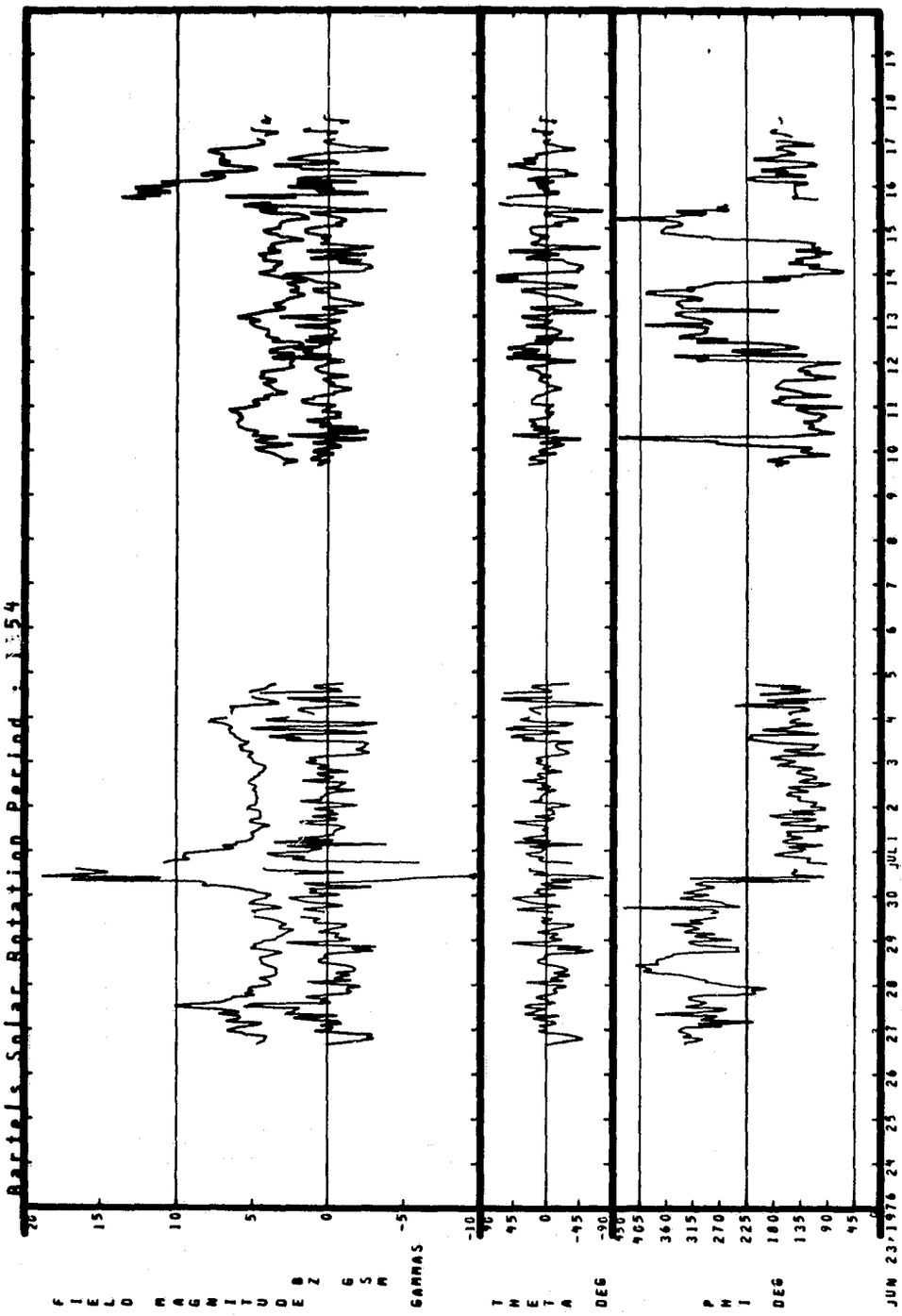

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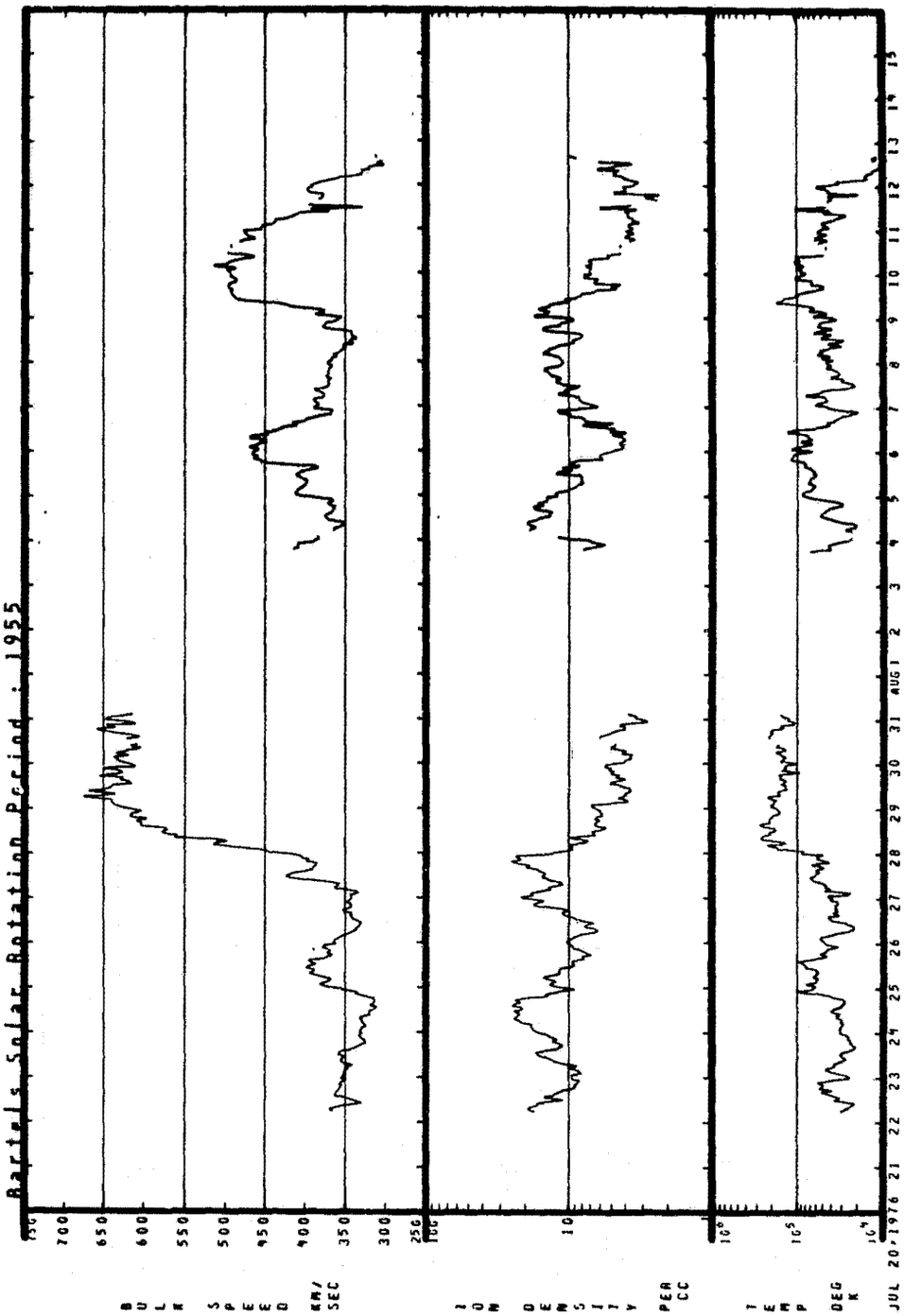

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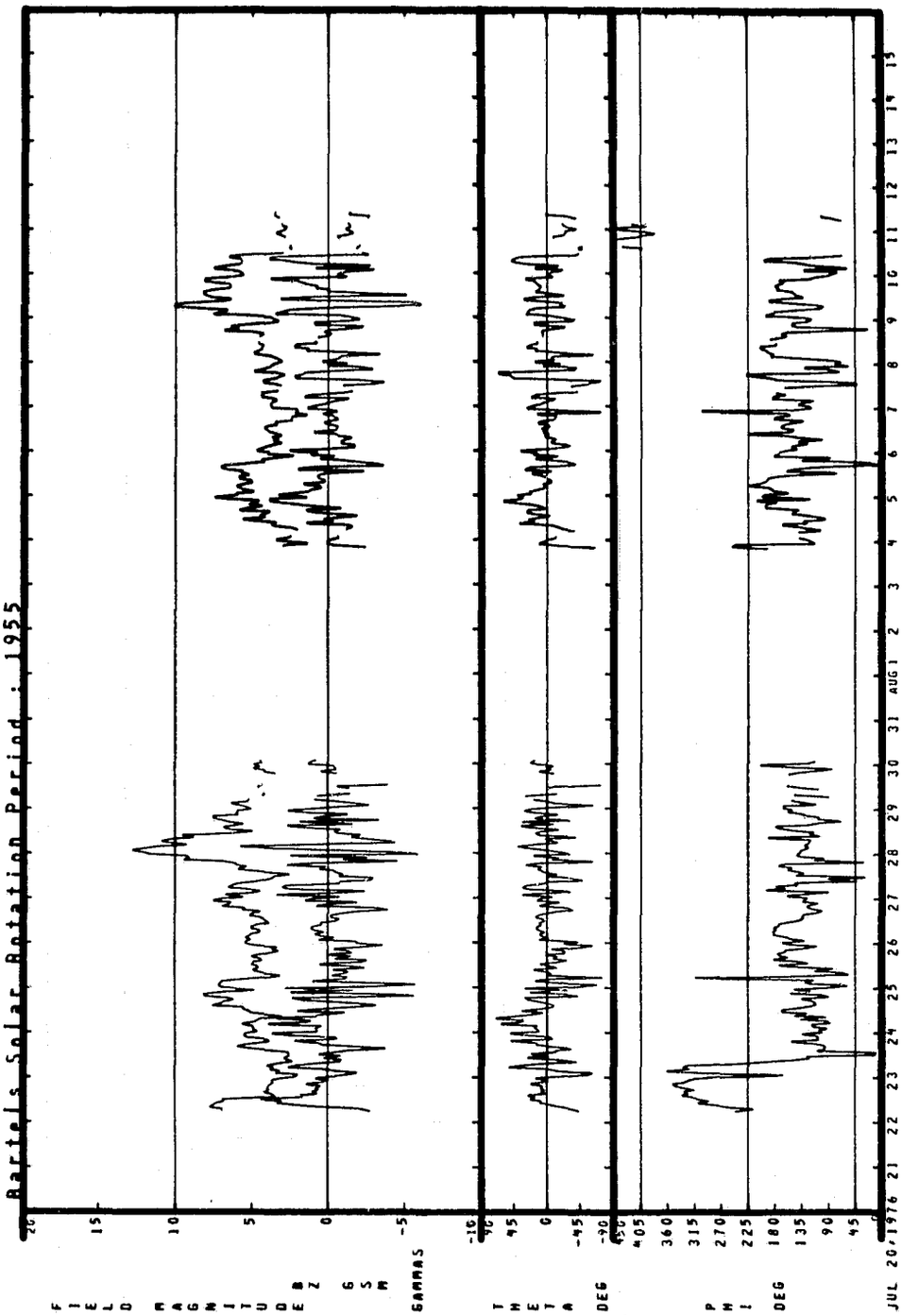
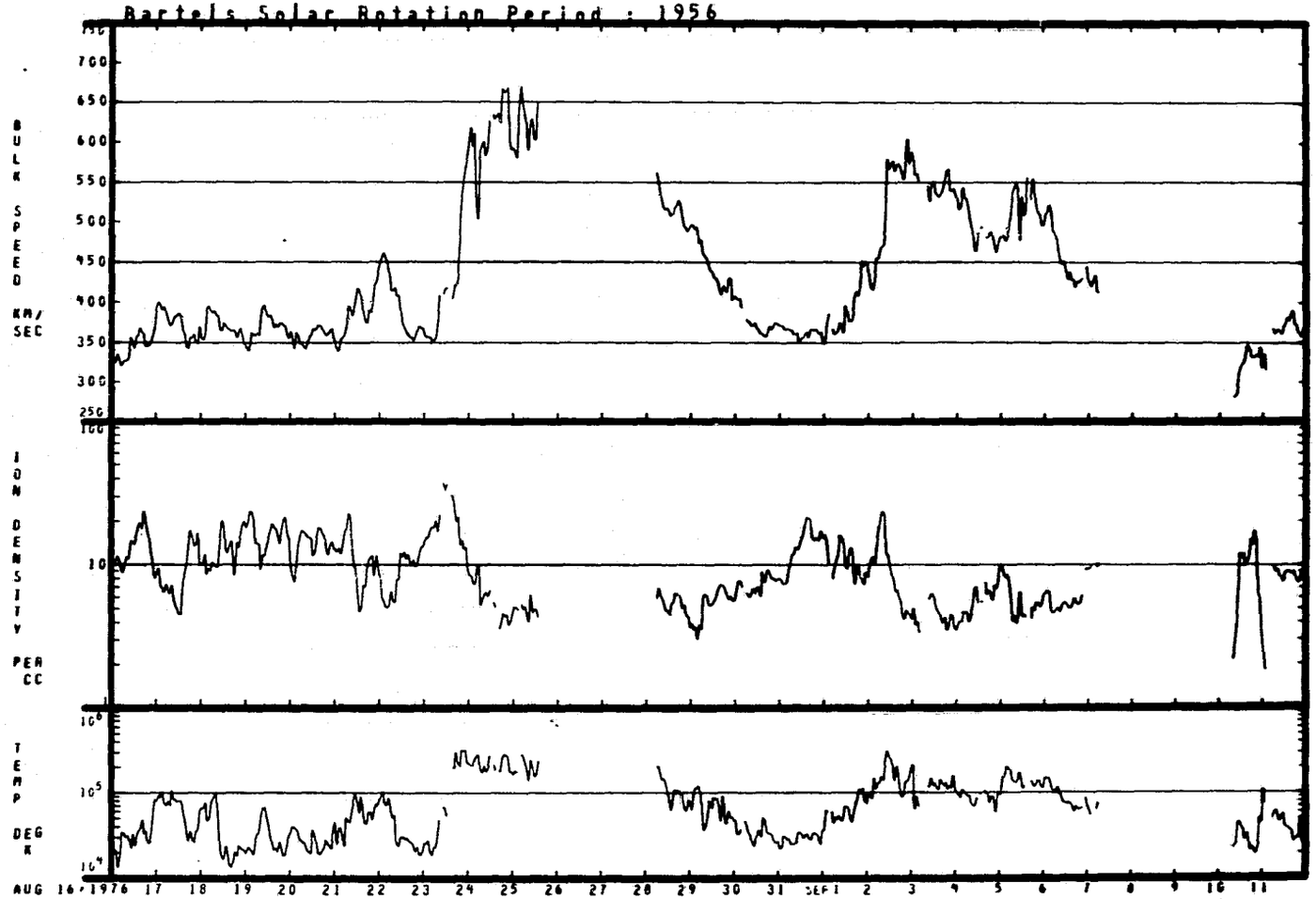
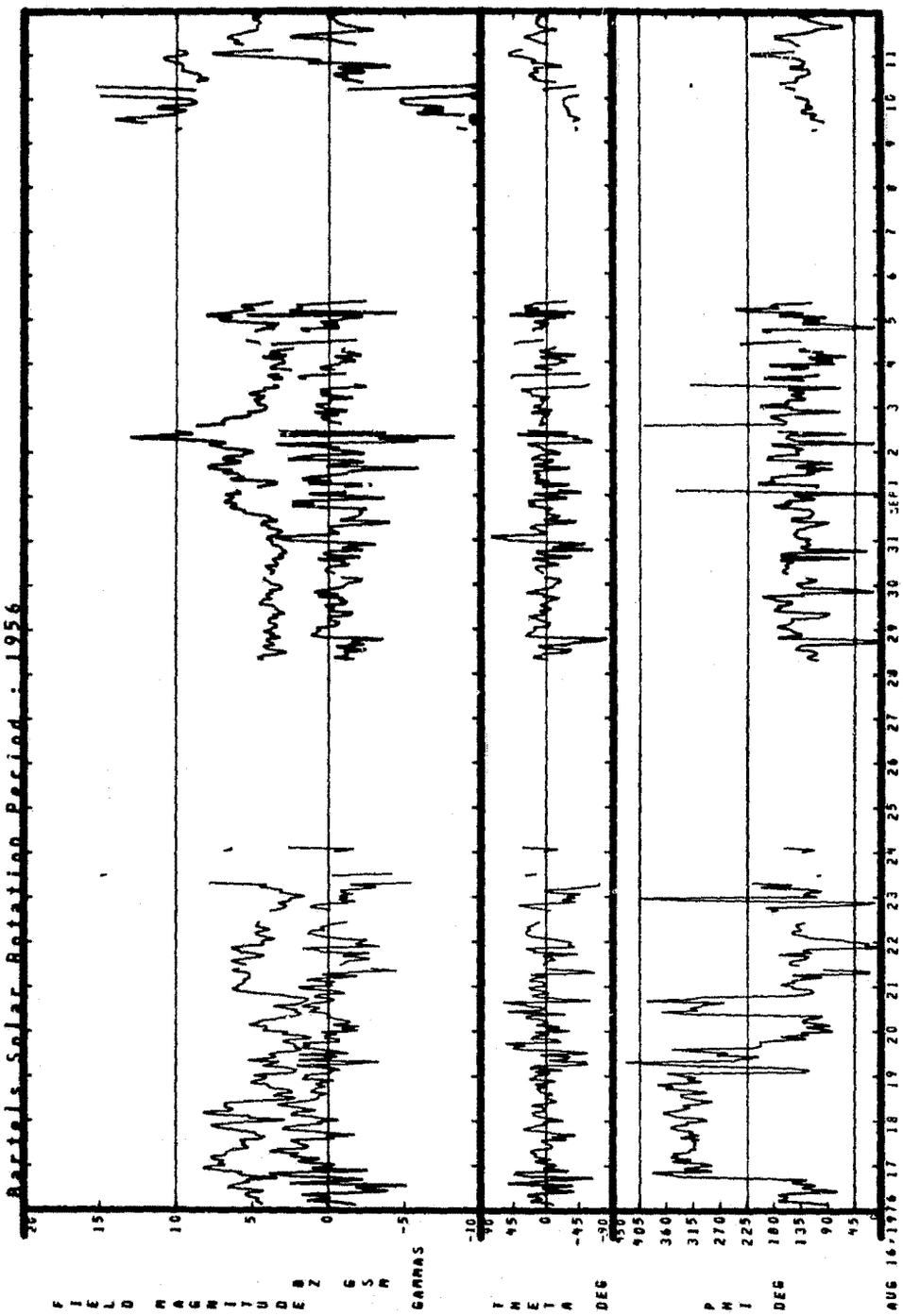


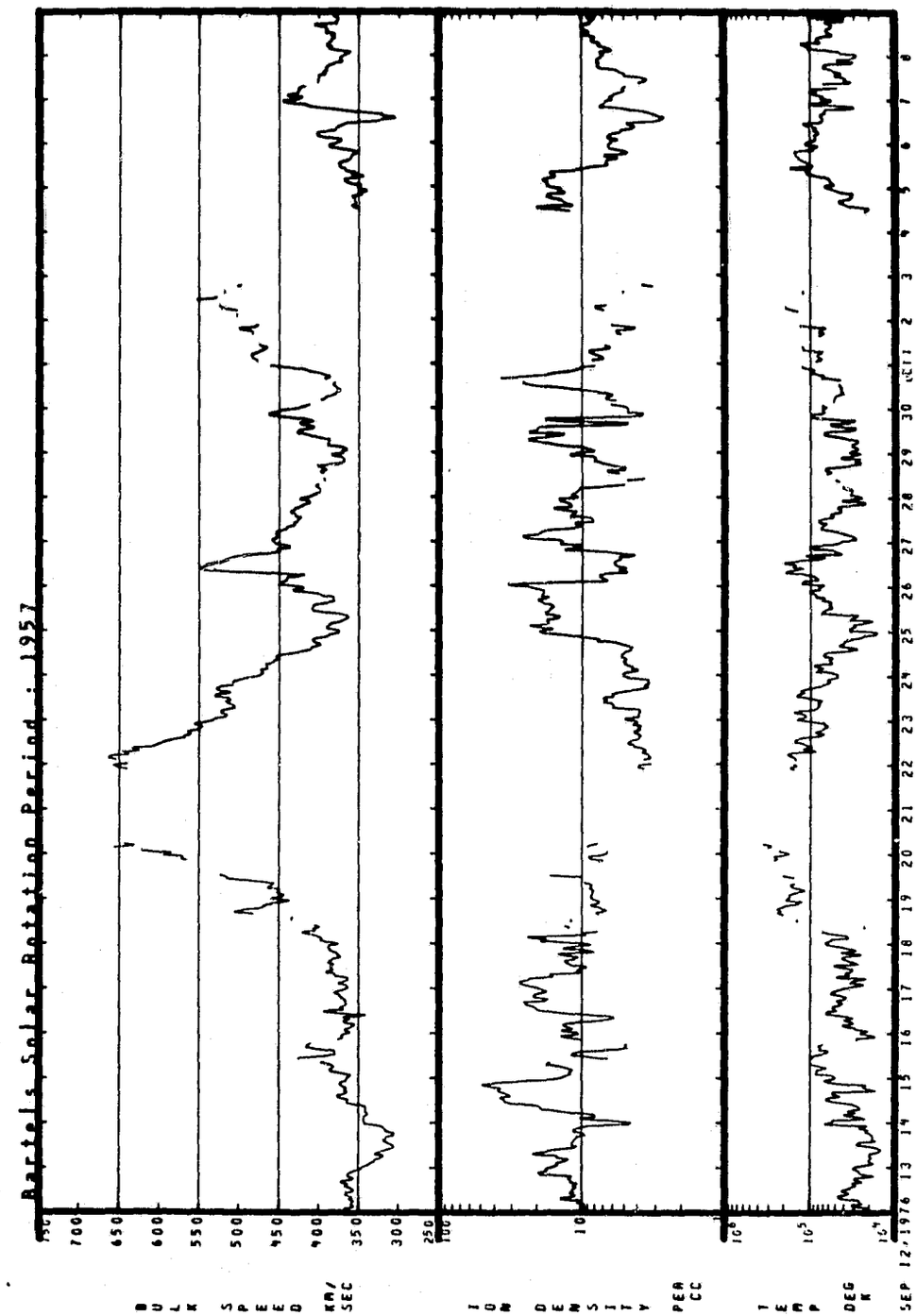


08/16/76 - 09/11/76

08/16/76 - 09/11/76



09/12/76 - 10/08/76



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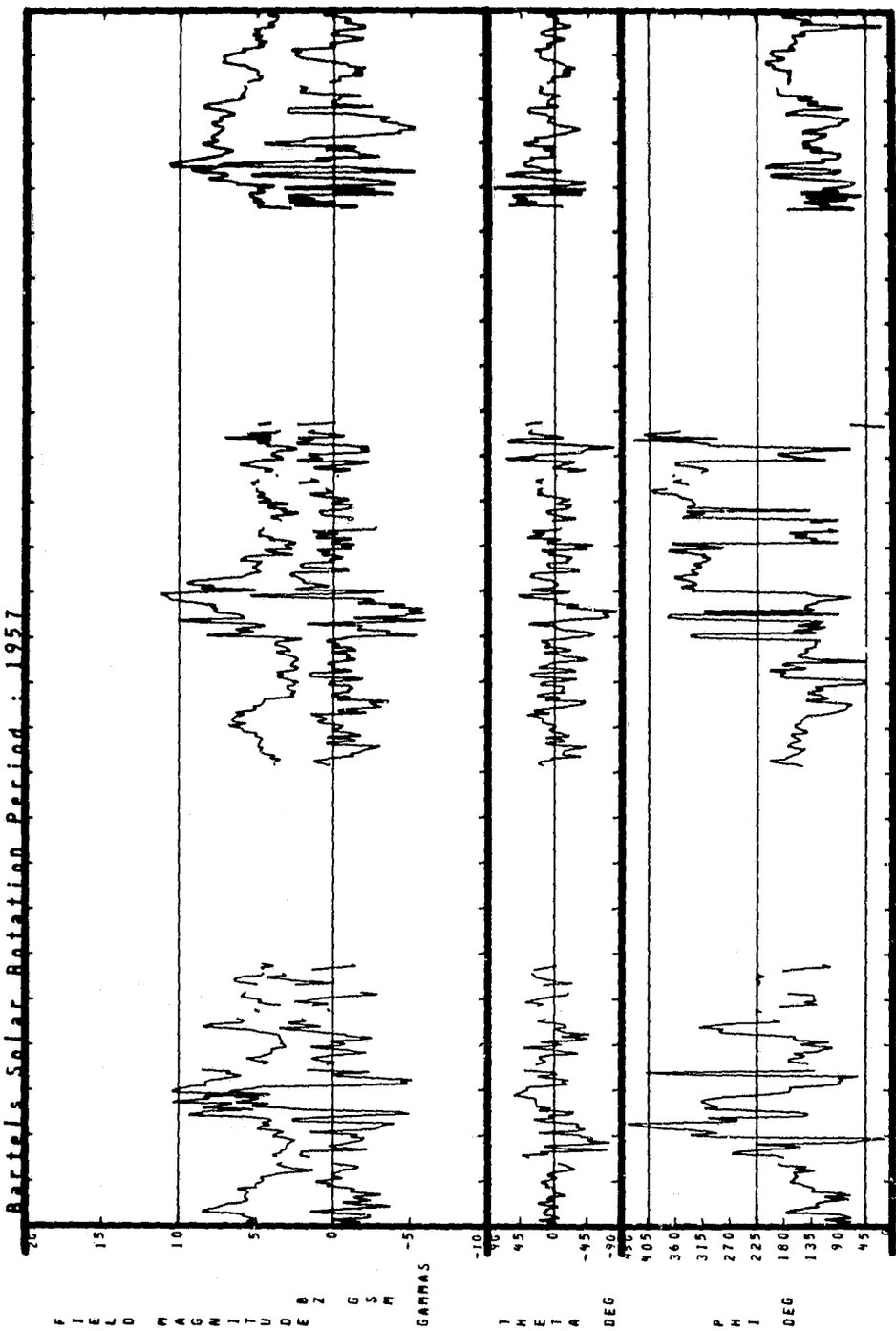

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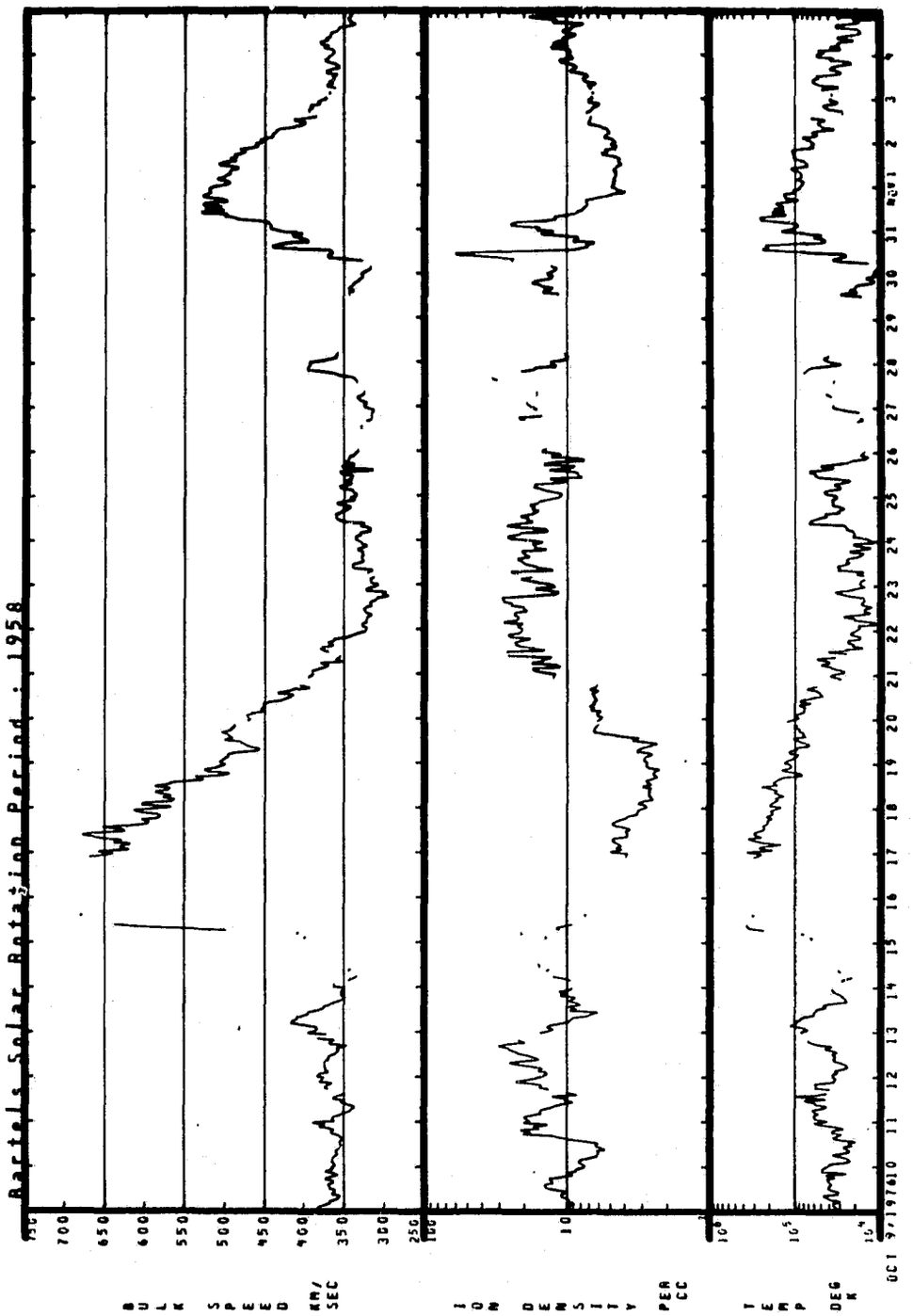

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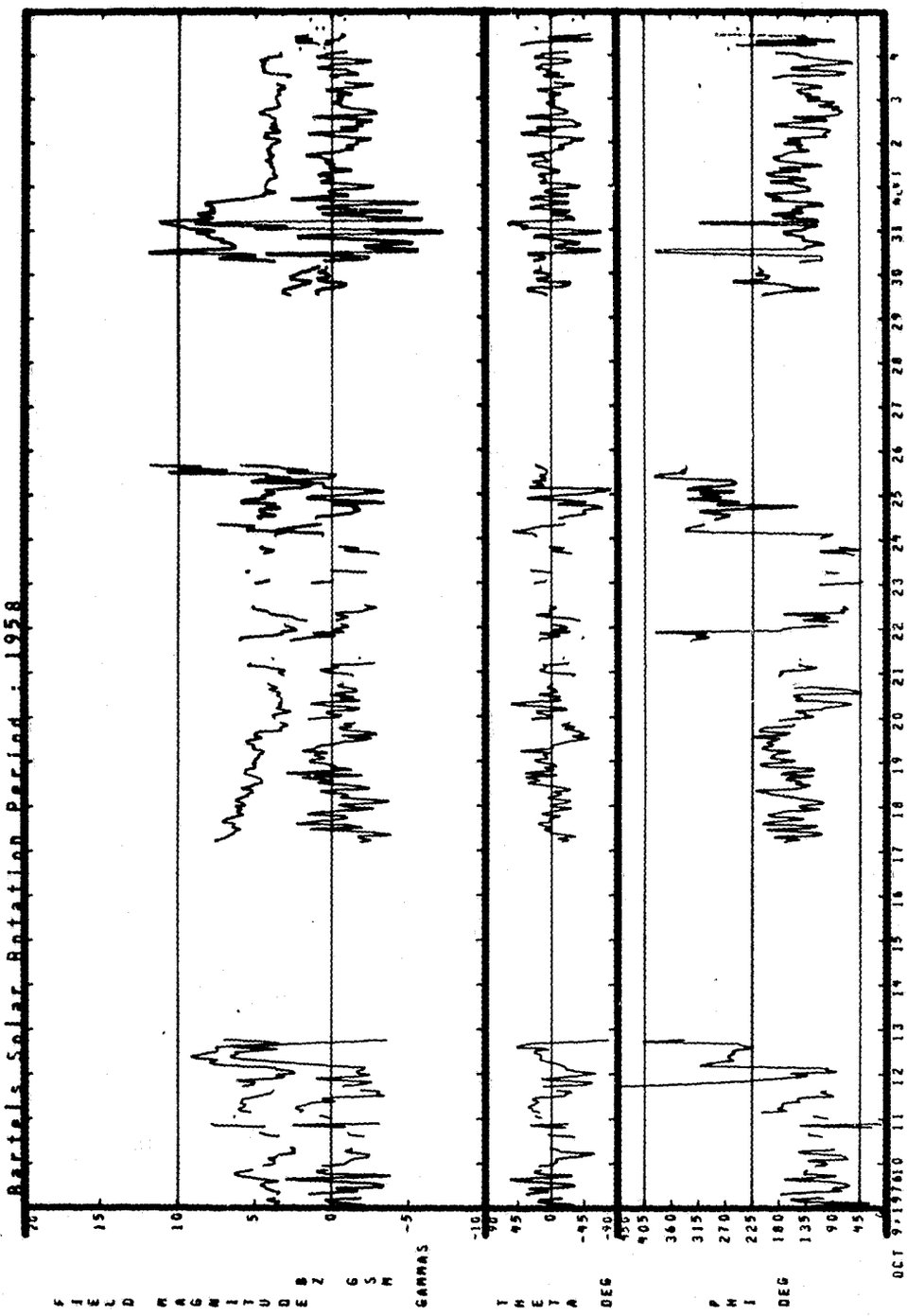

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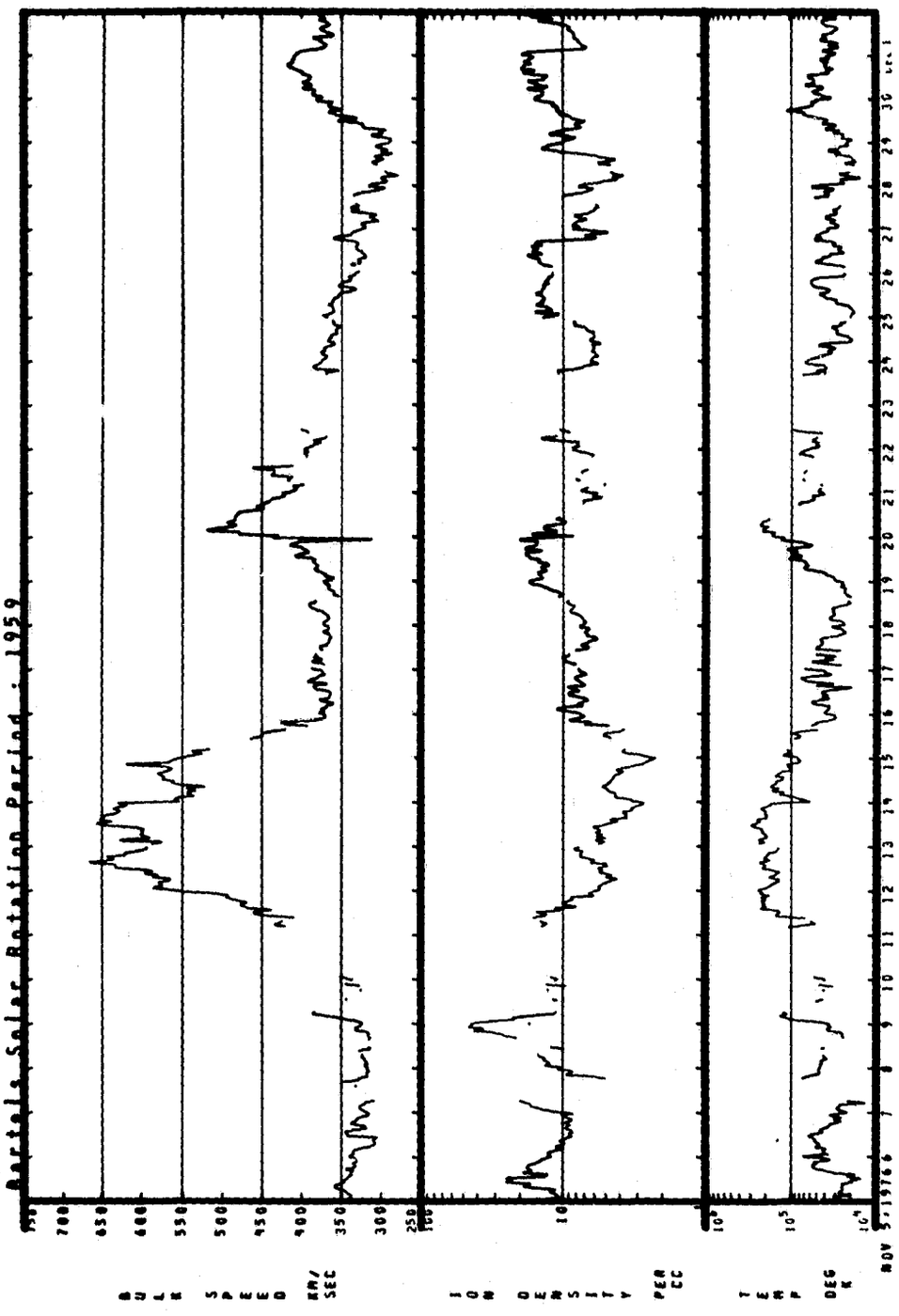

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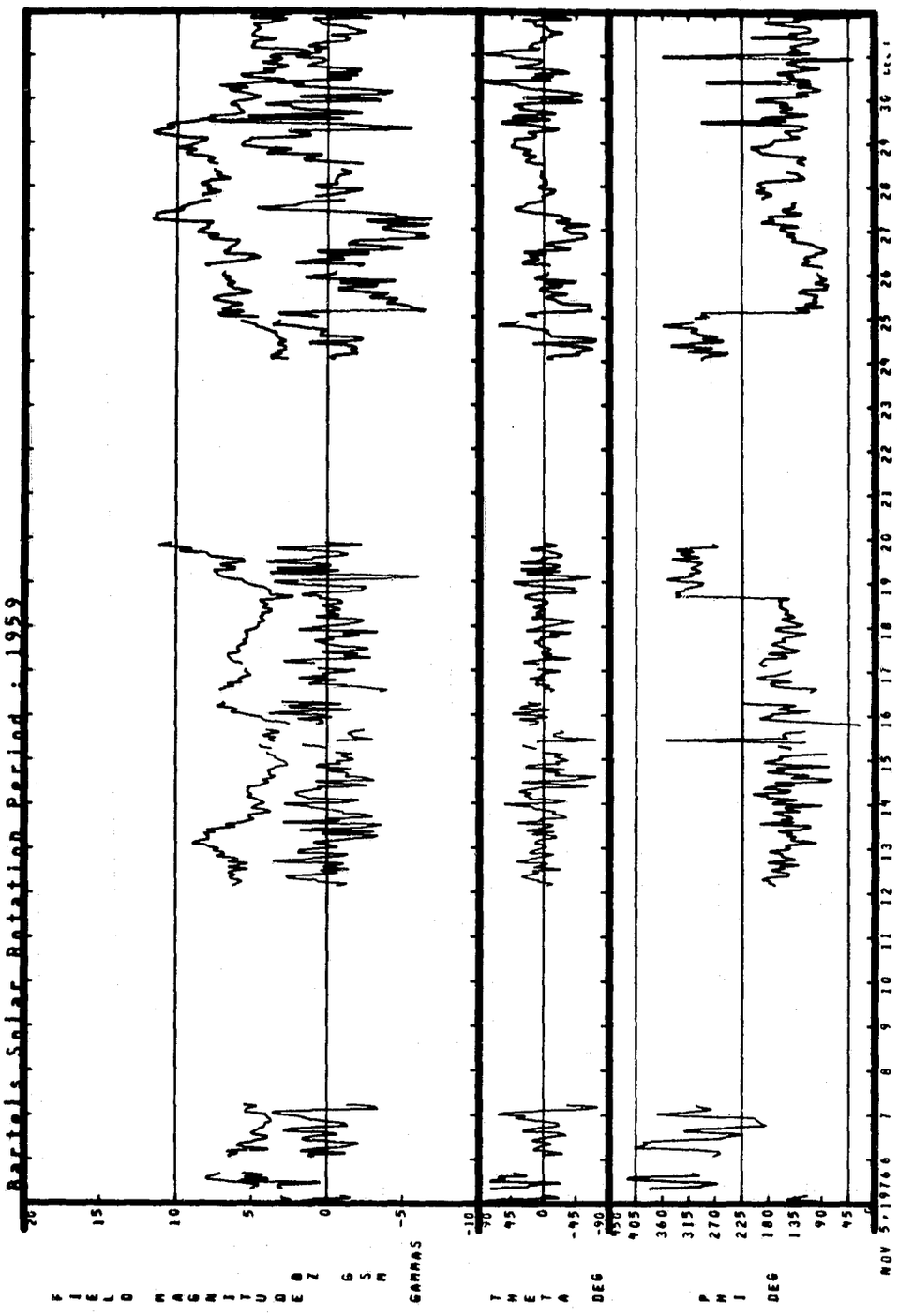
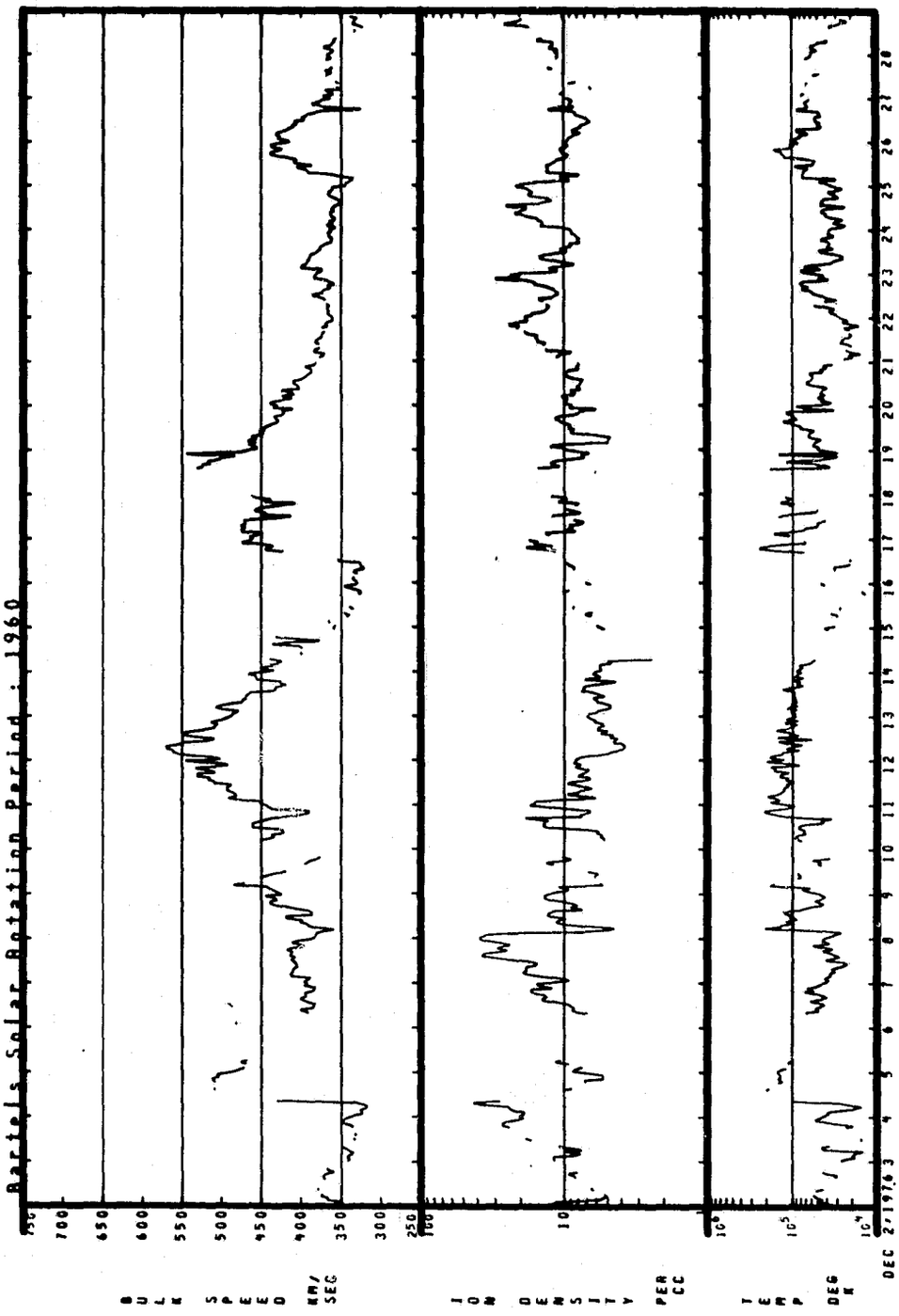


12/02/76 - 12/28/76



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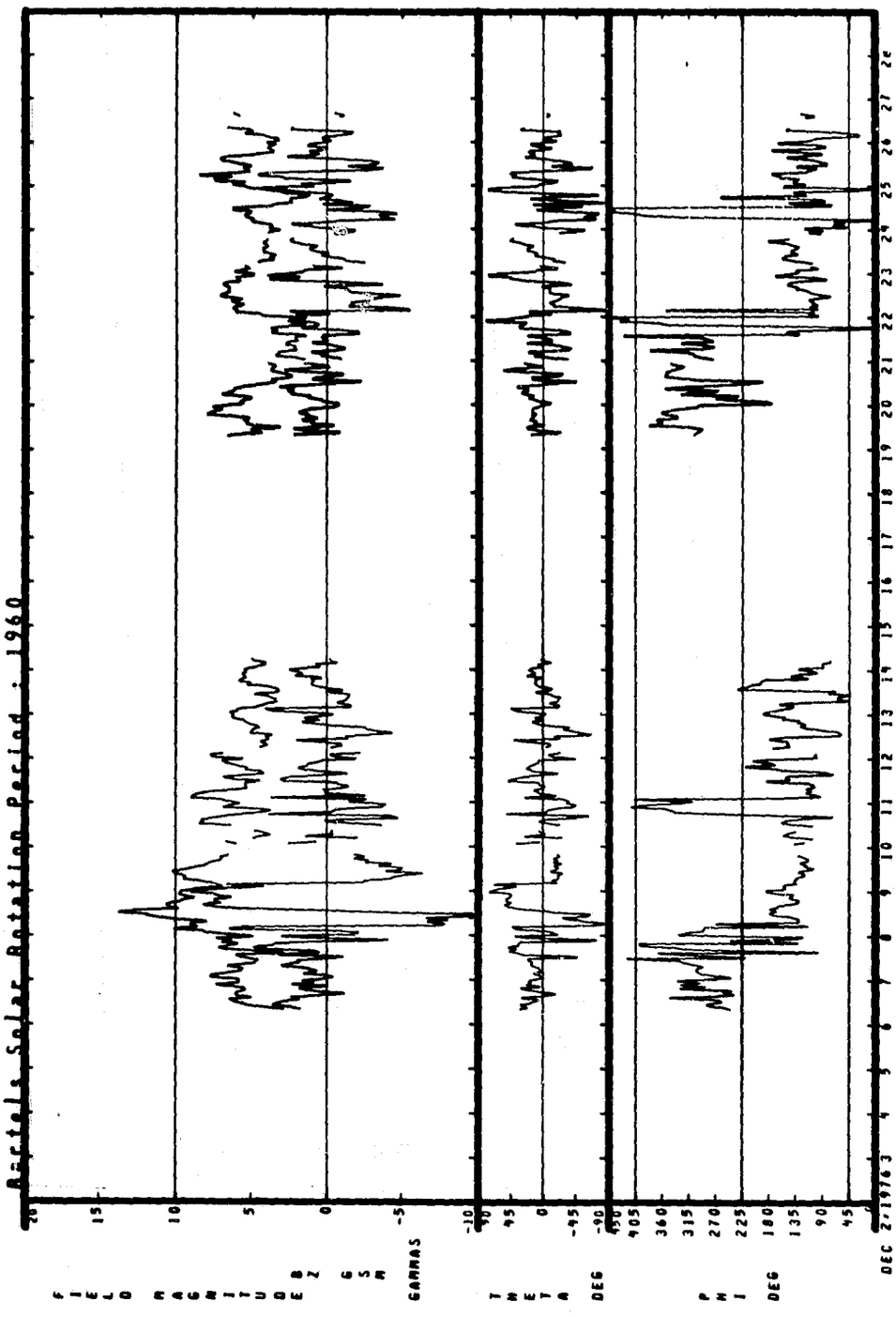
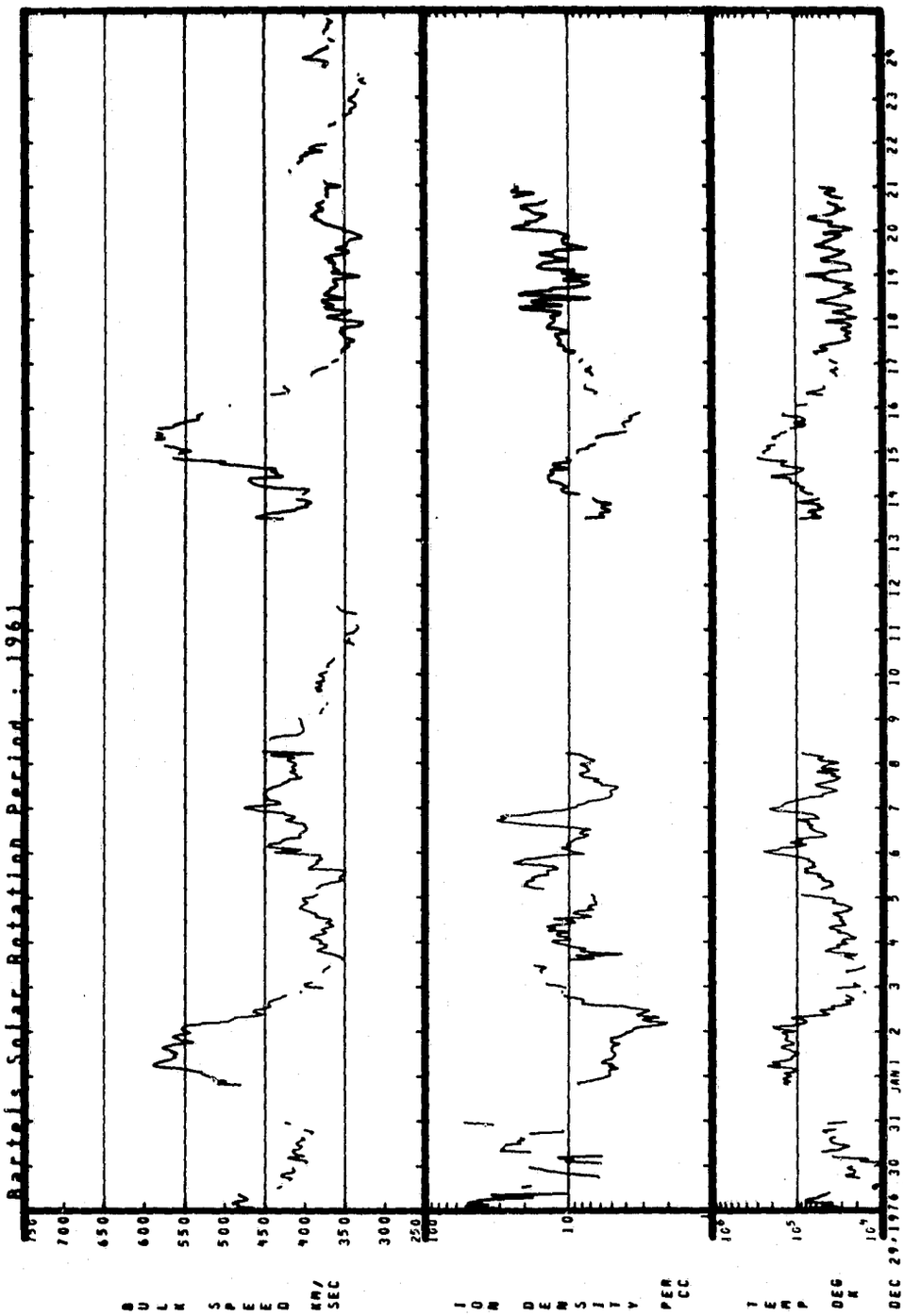


12/29/76 - 01/24/77



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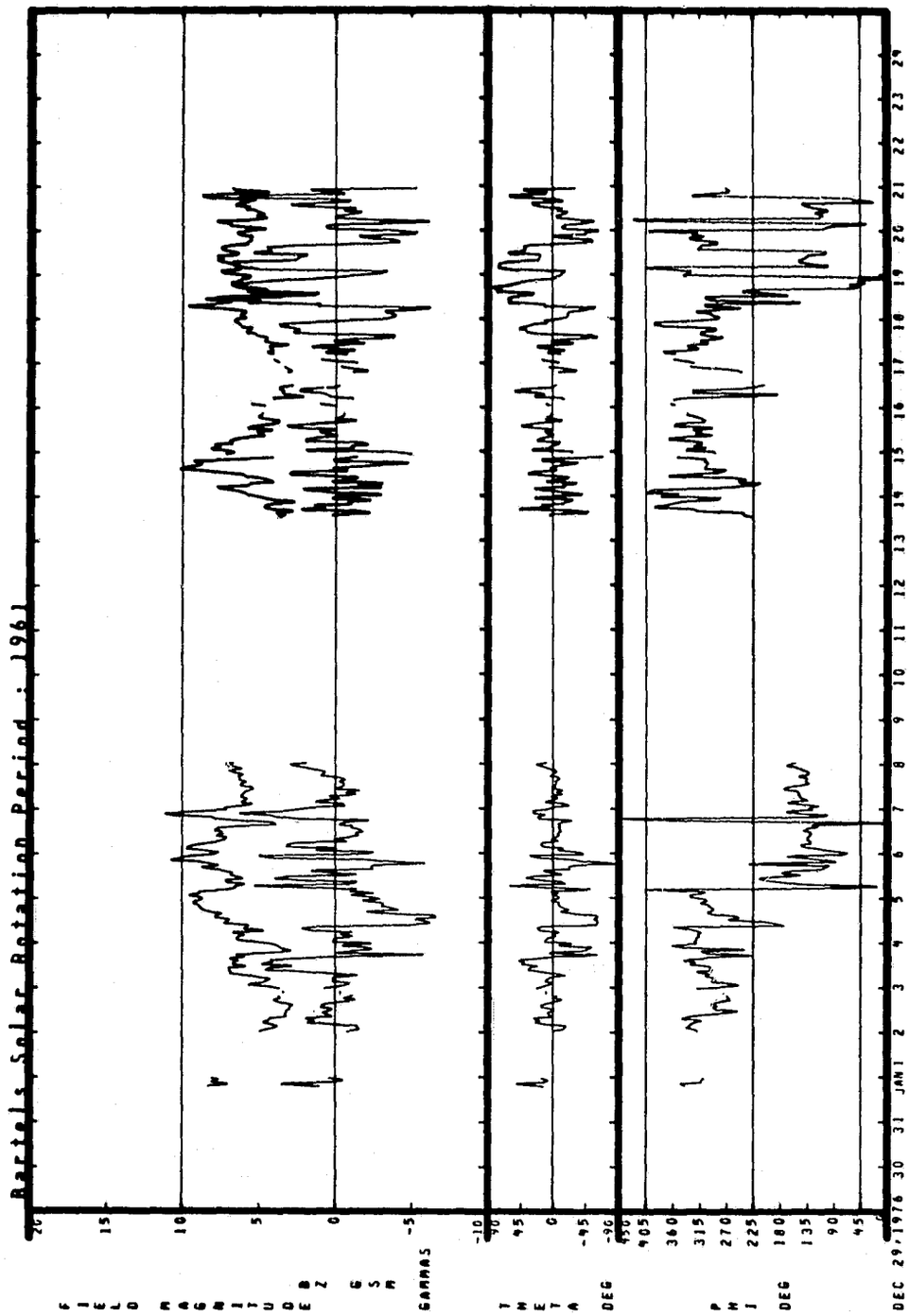
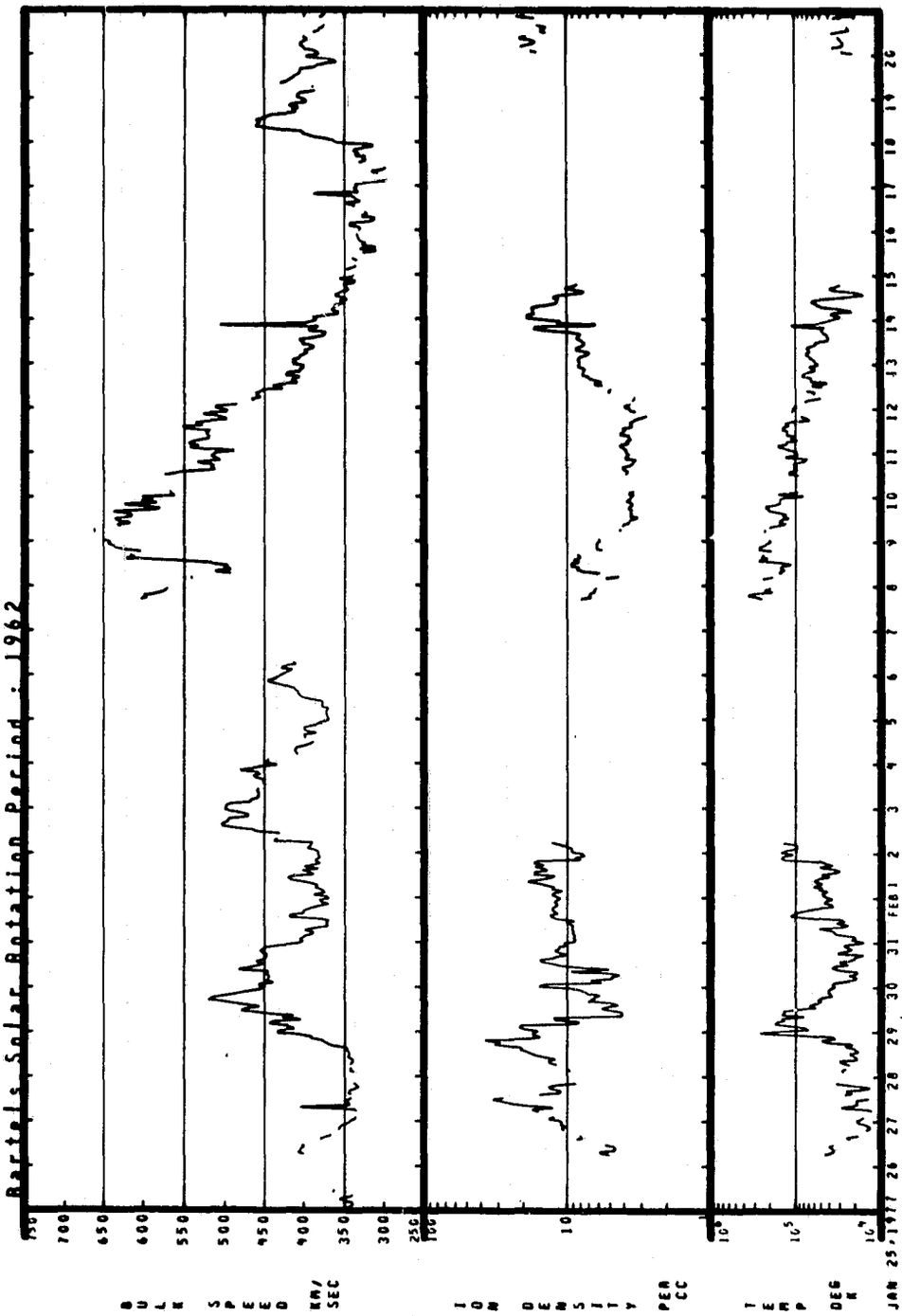


01/25/77 - 02/20/77



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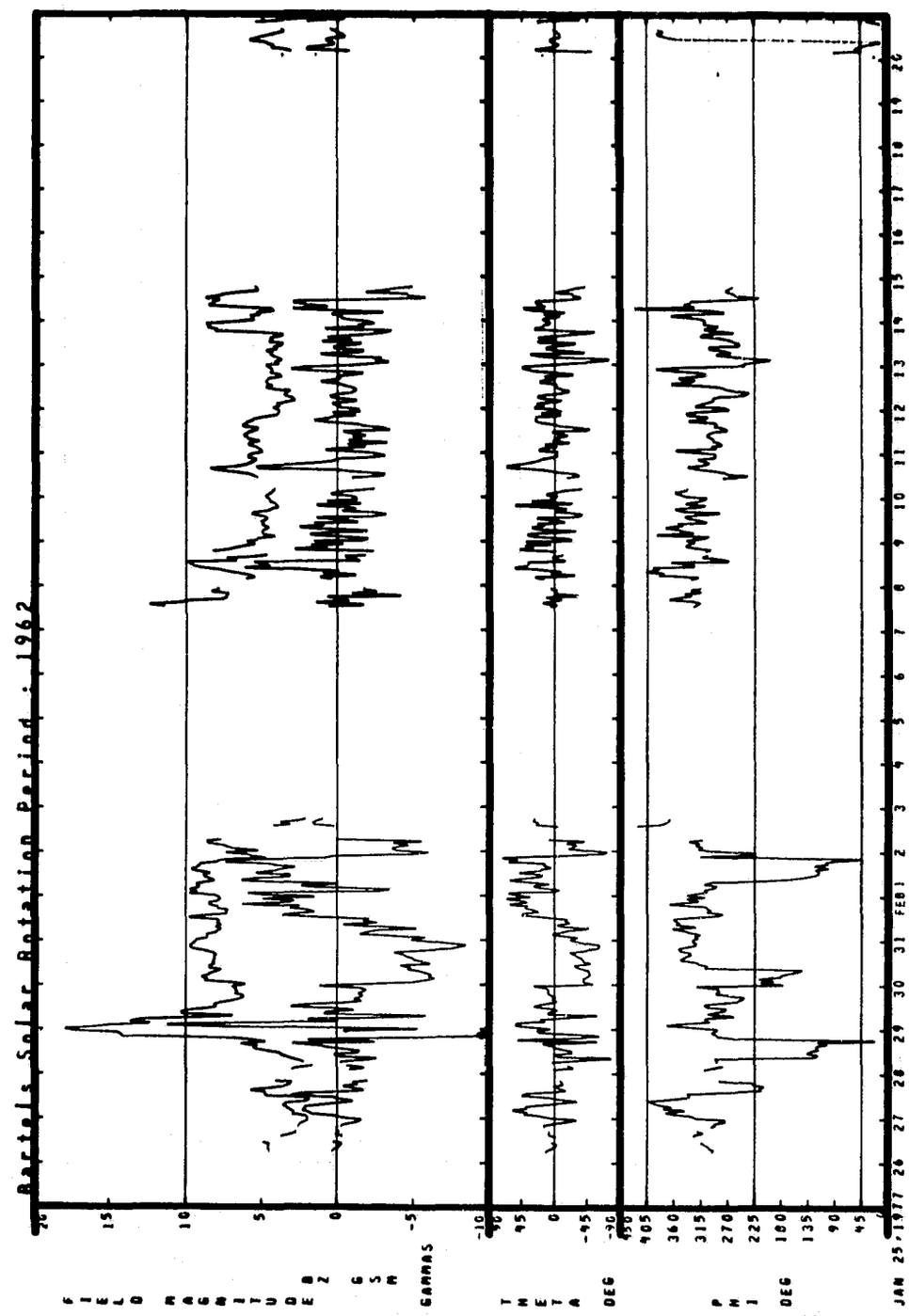
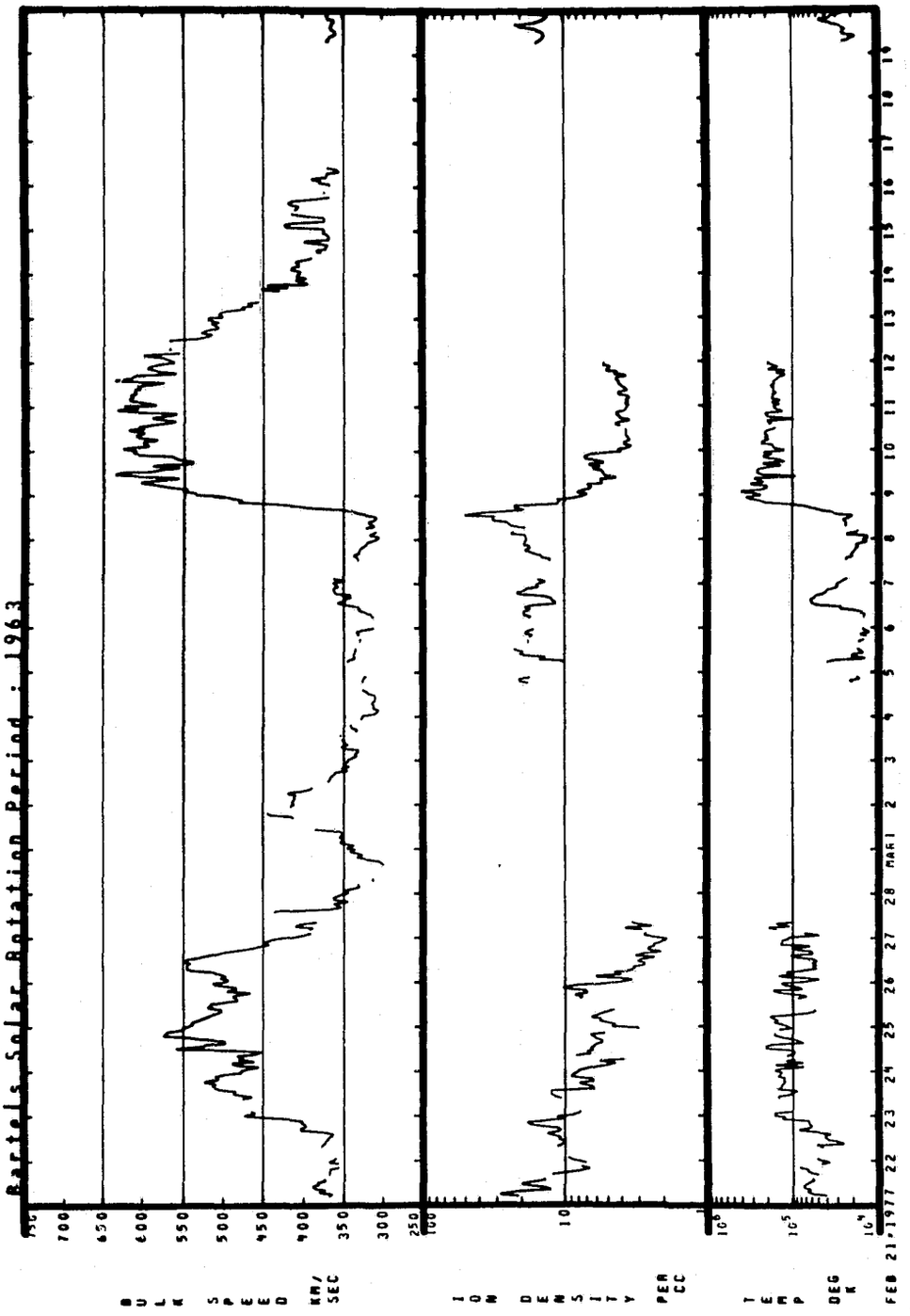


02/21/77 - 03/19/77



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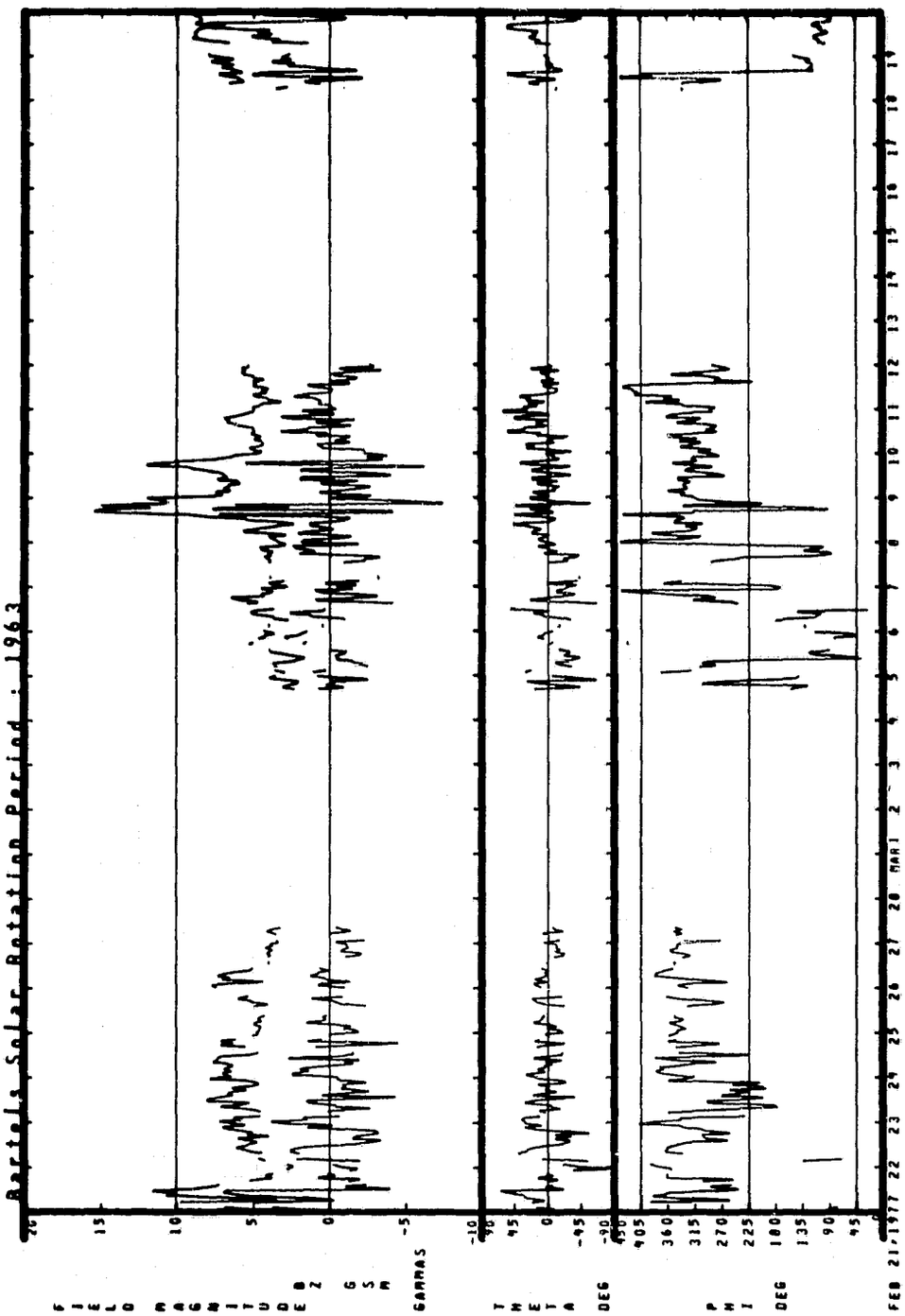

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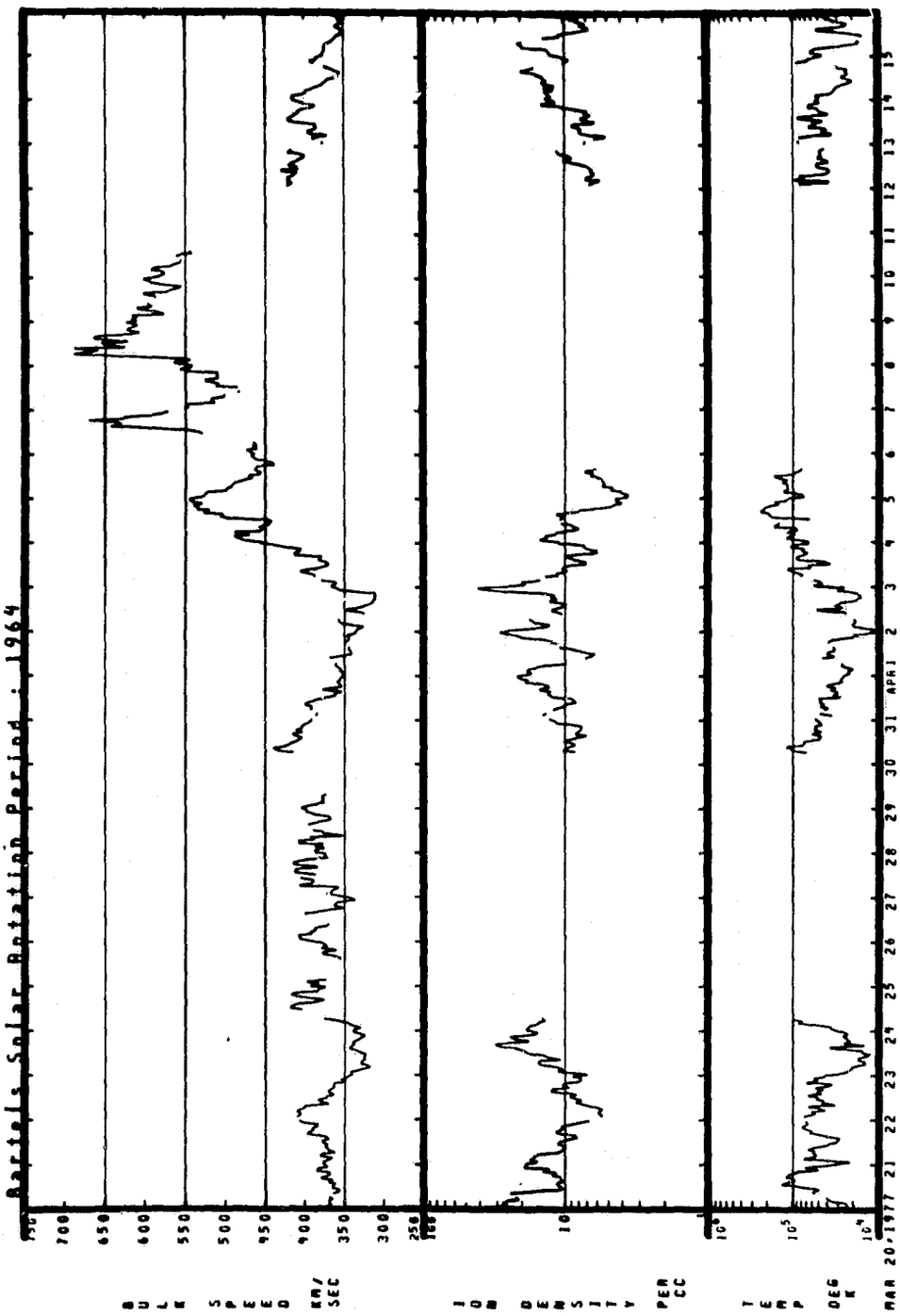

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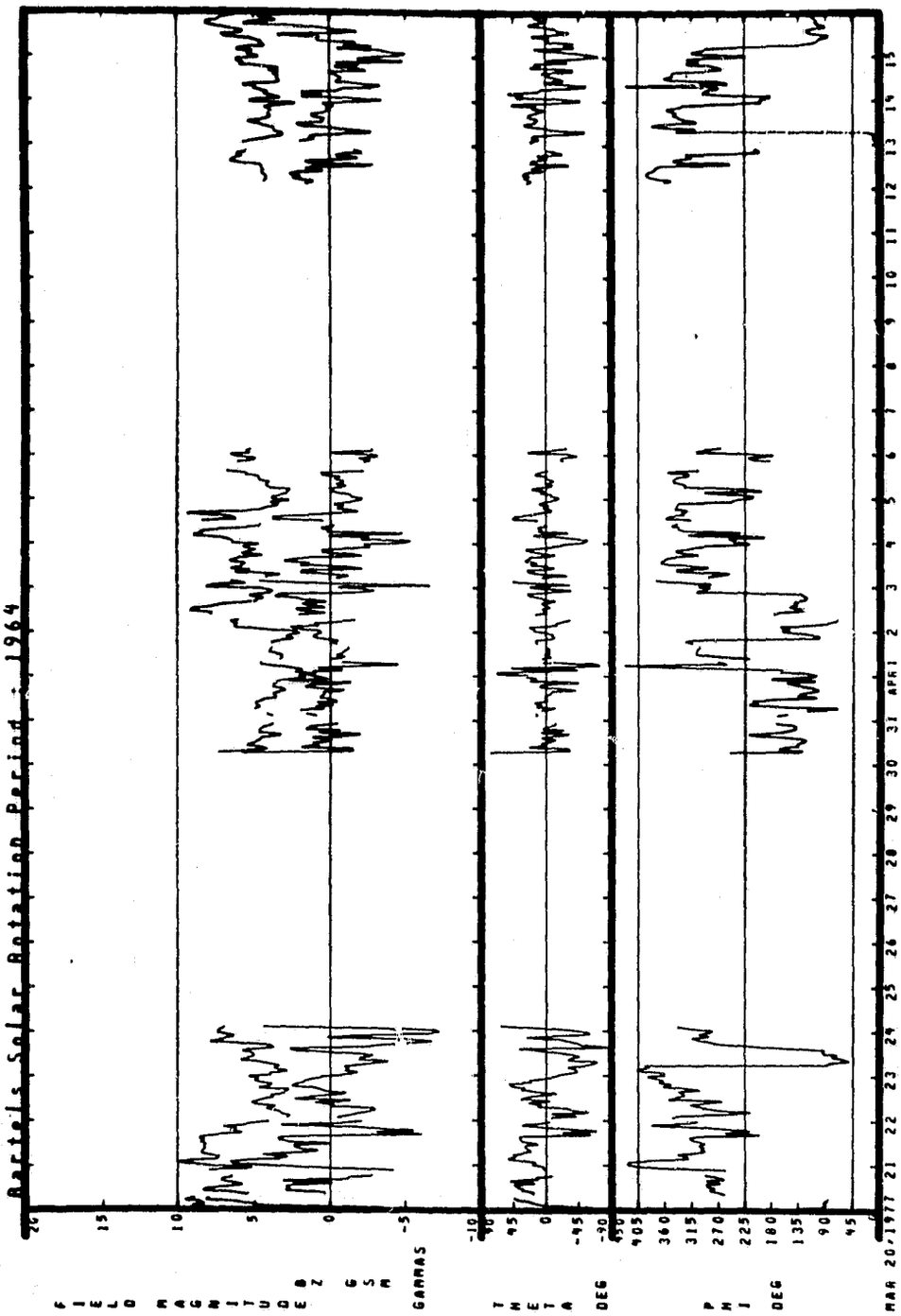

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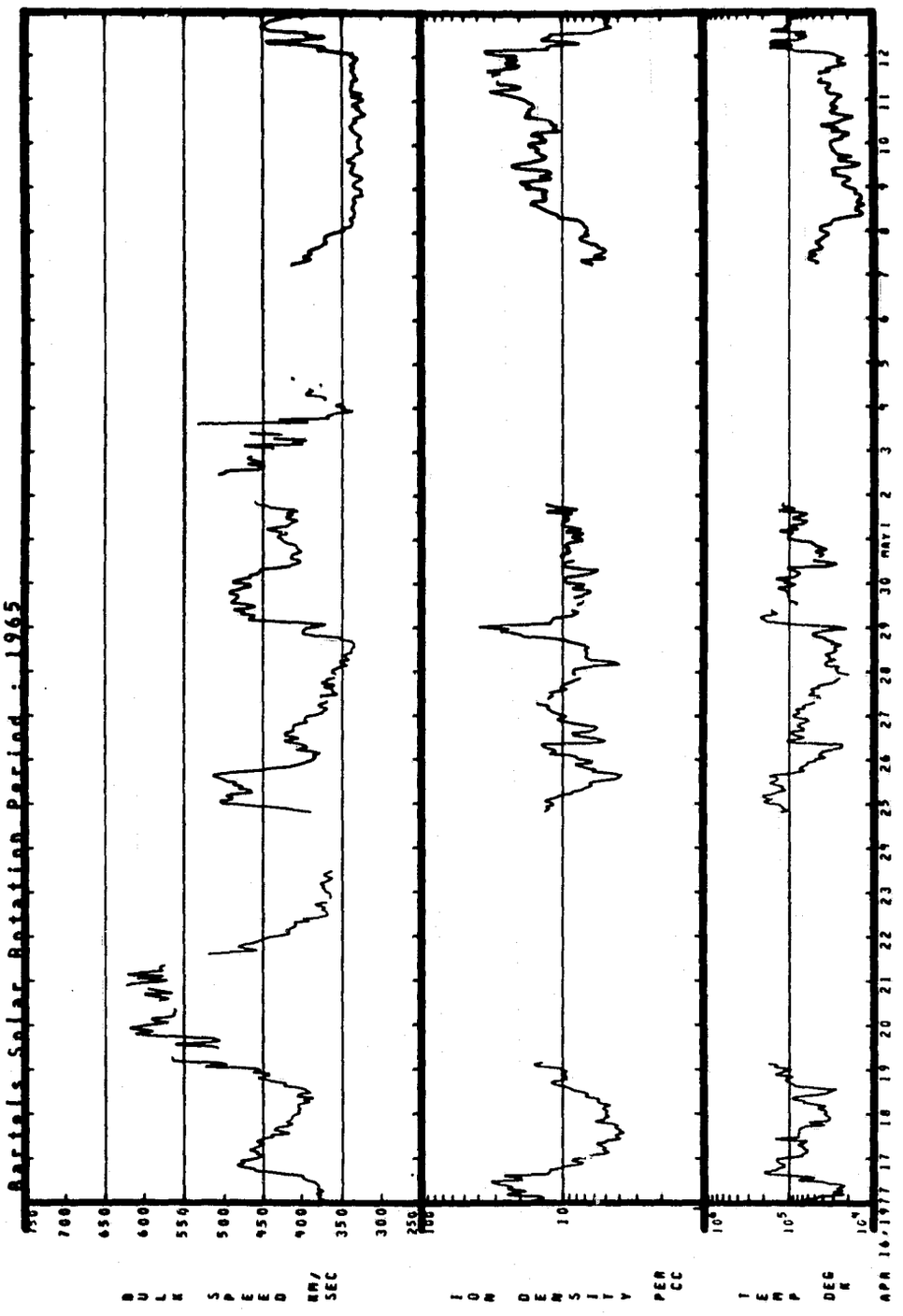

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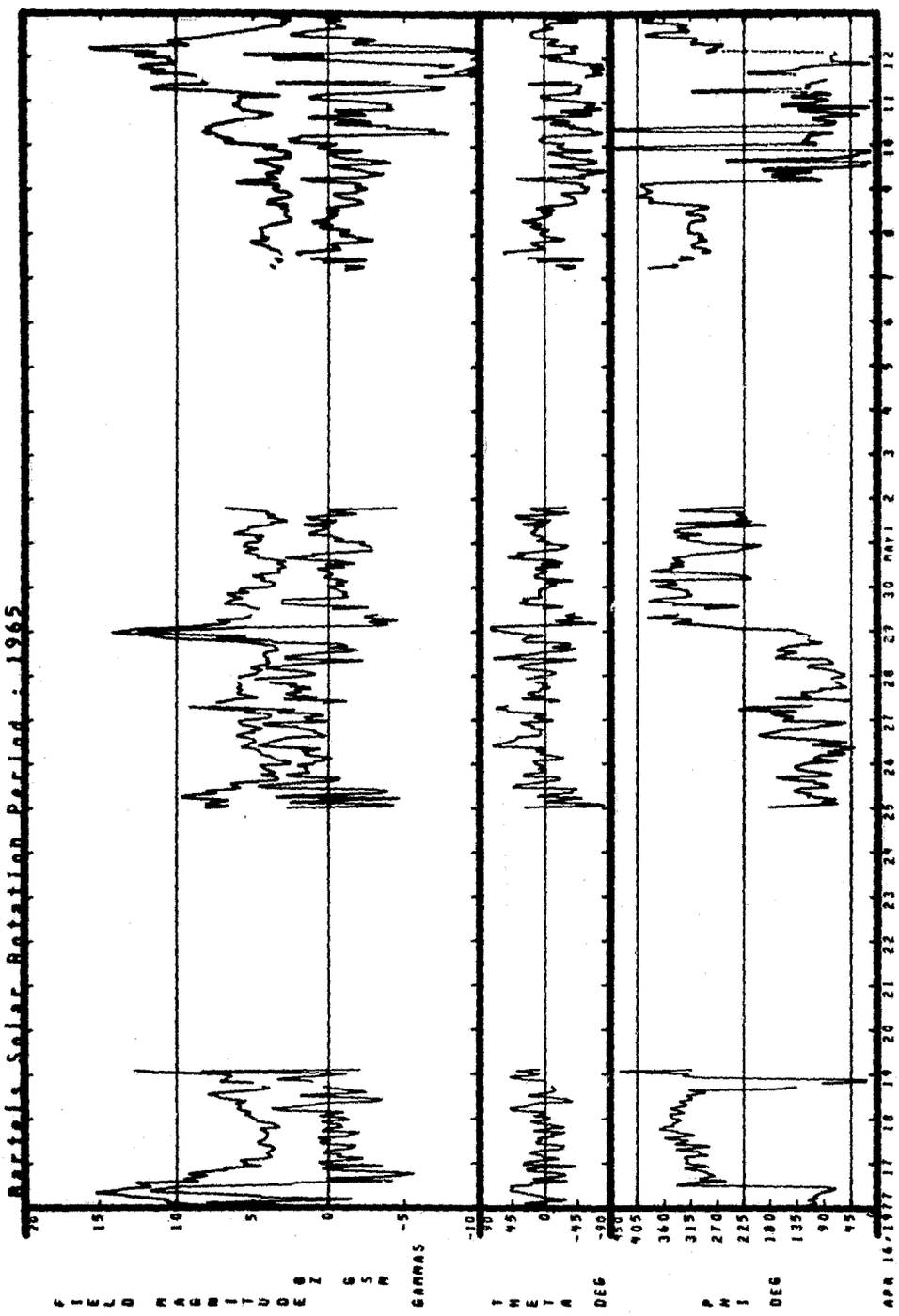

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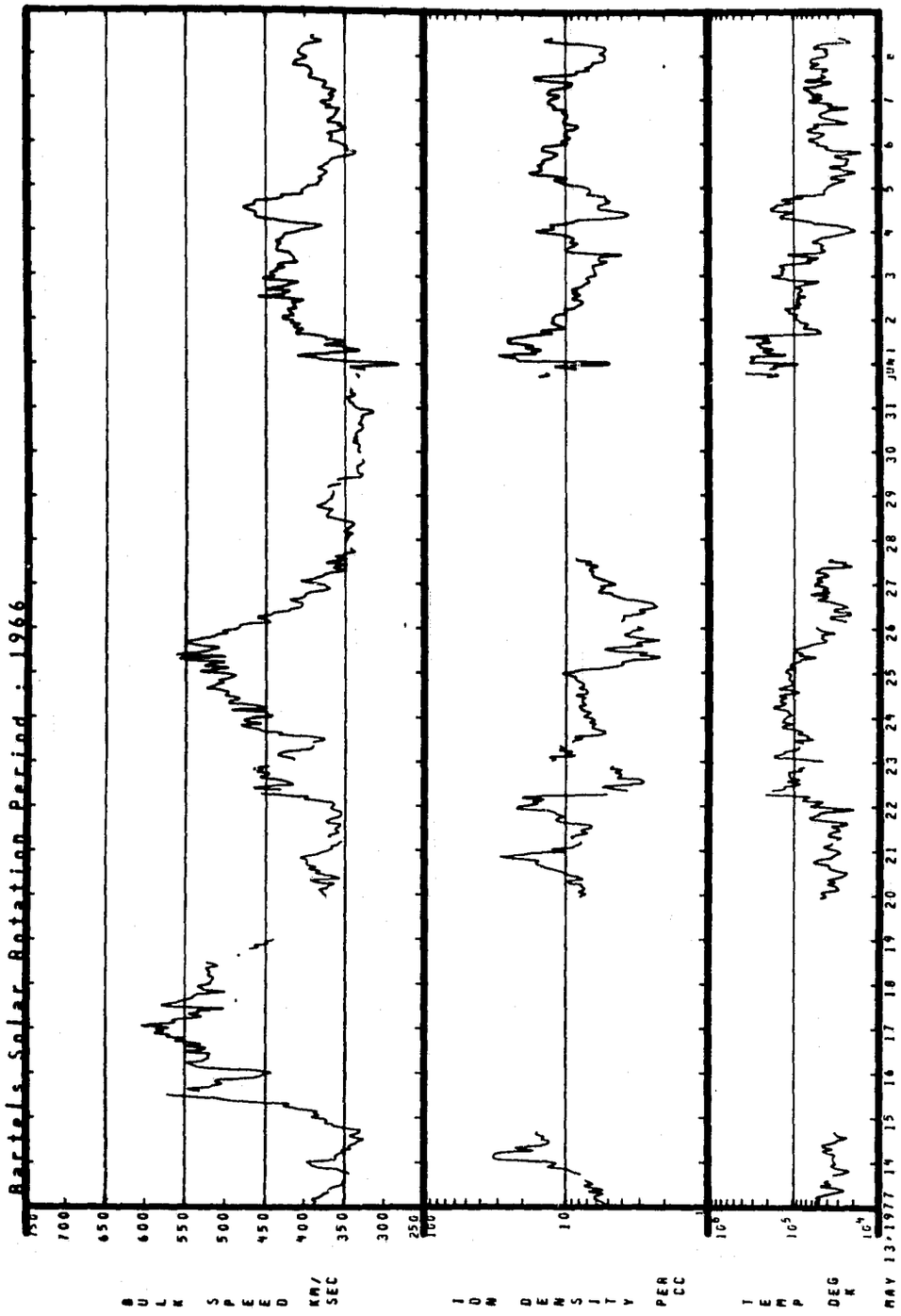

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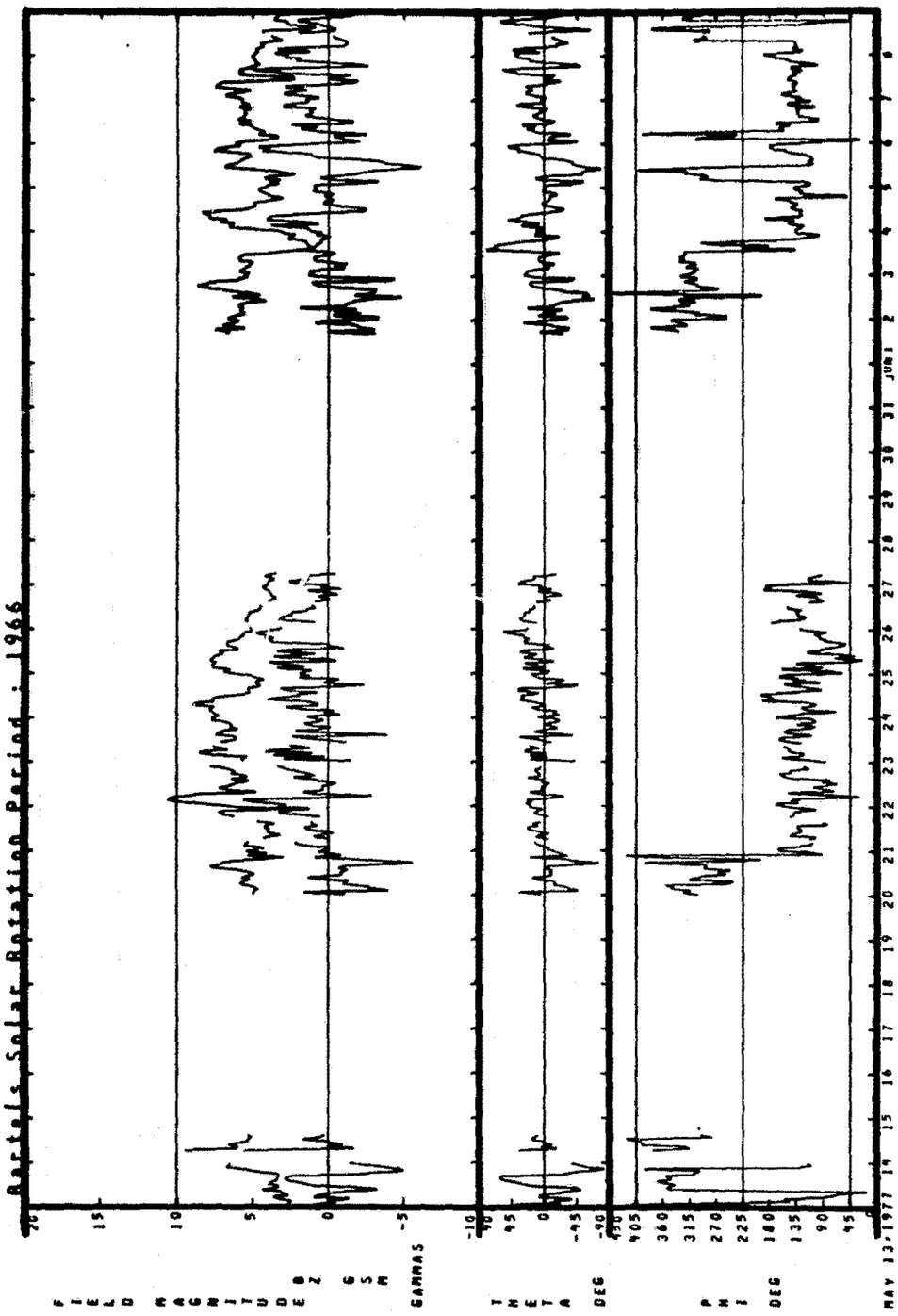

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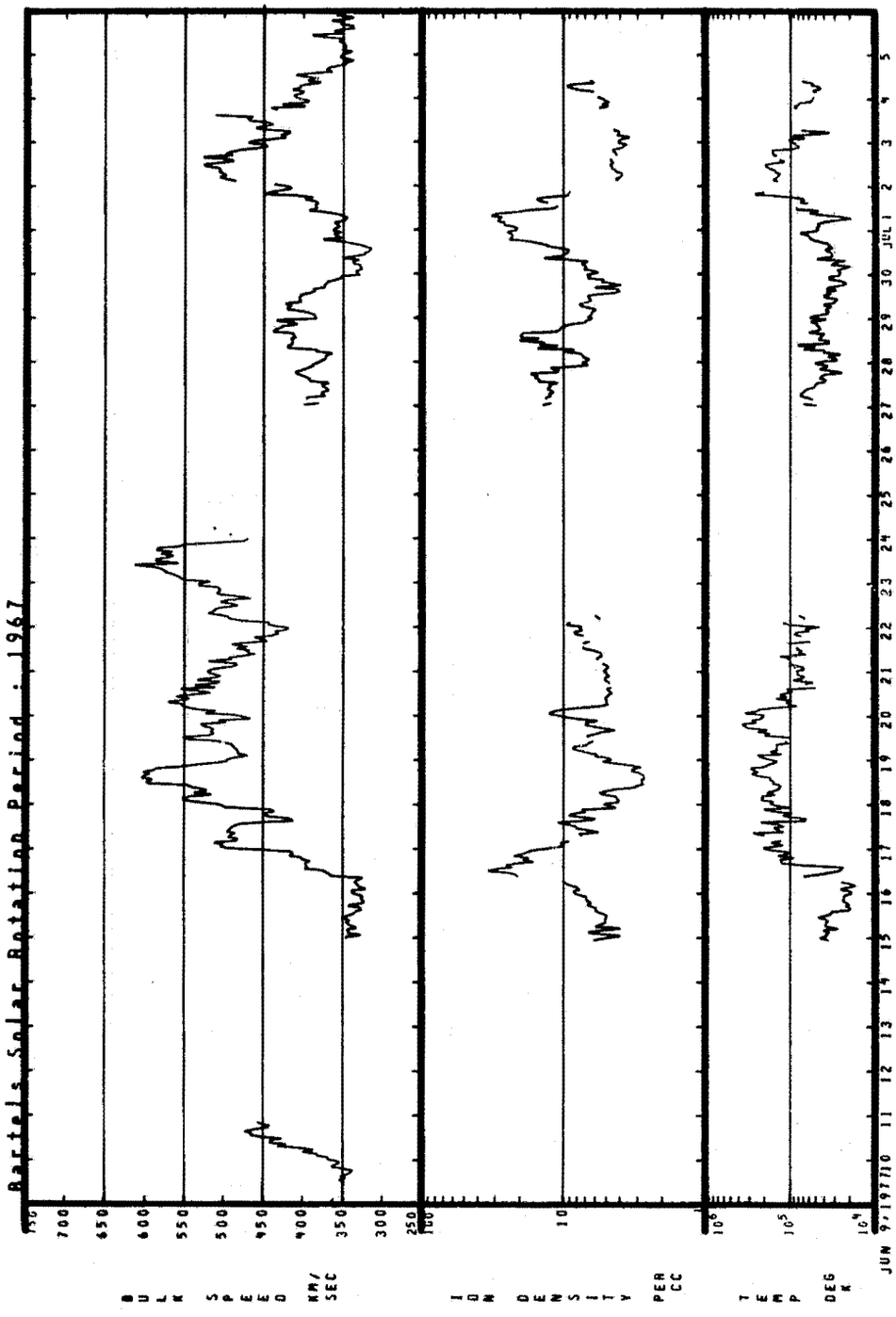

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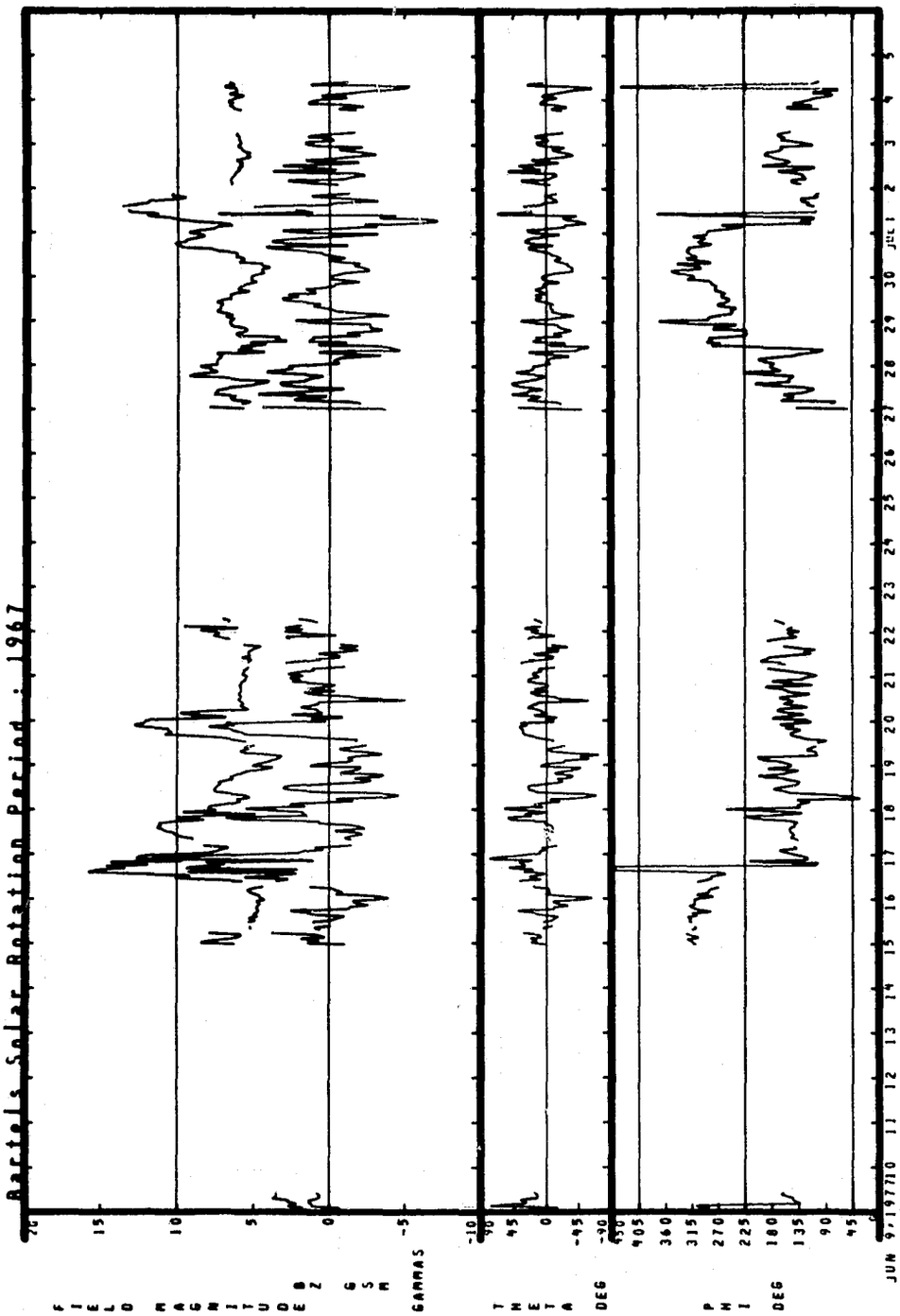

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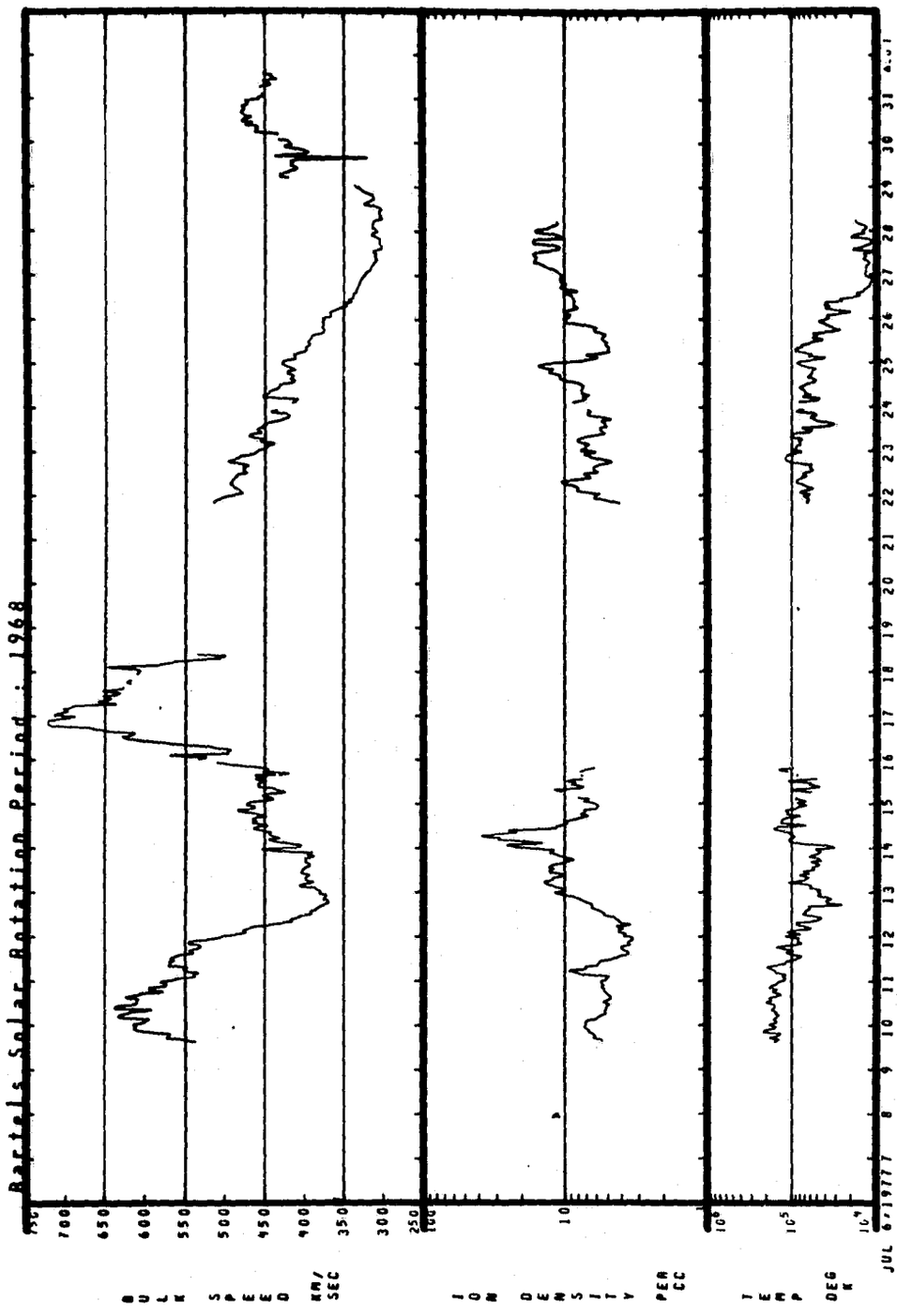

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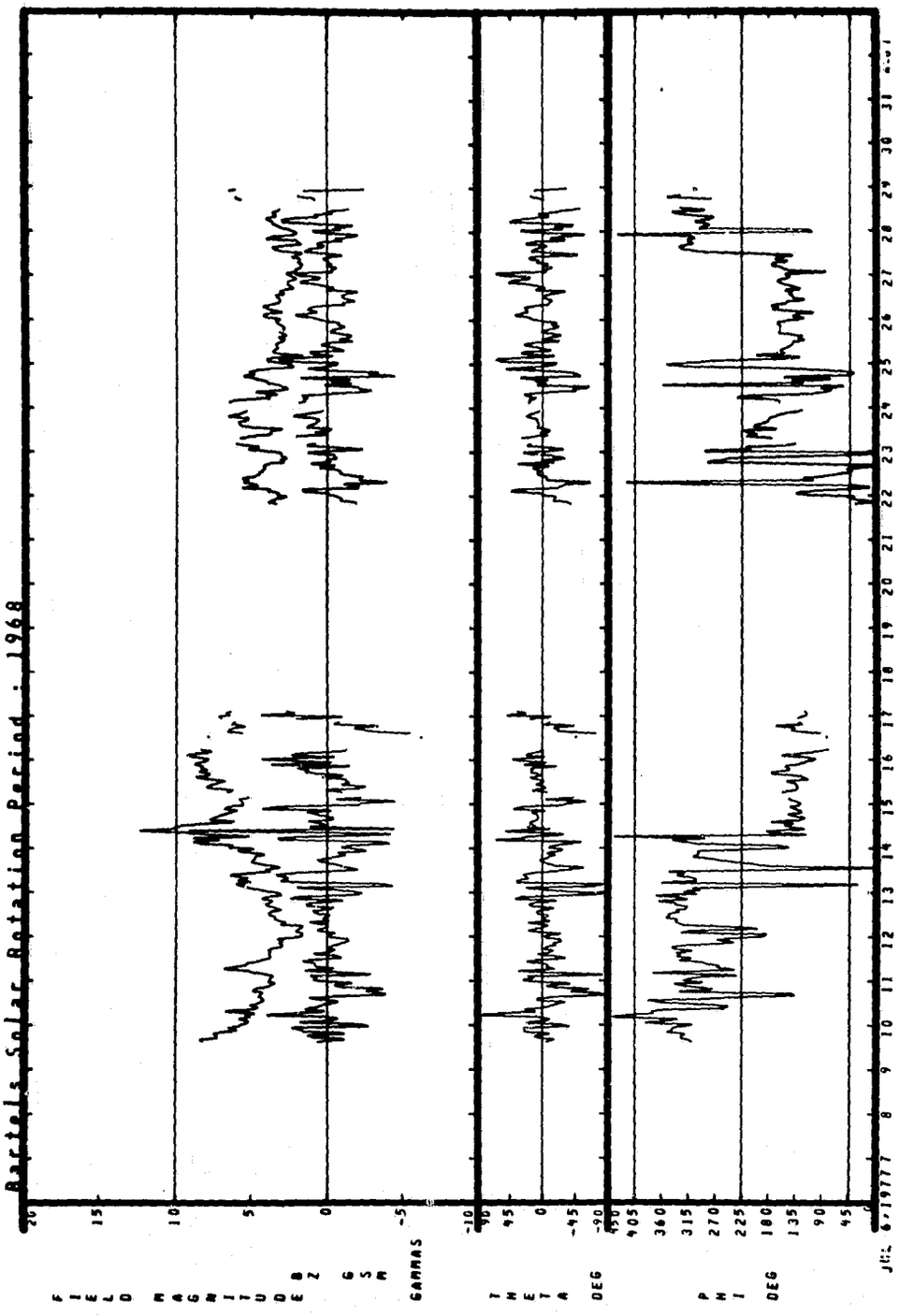

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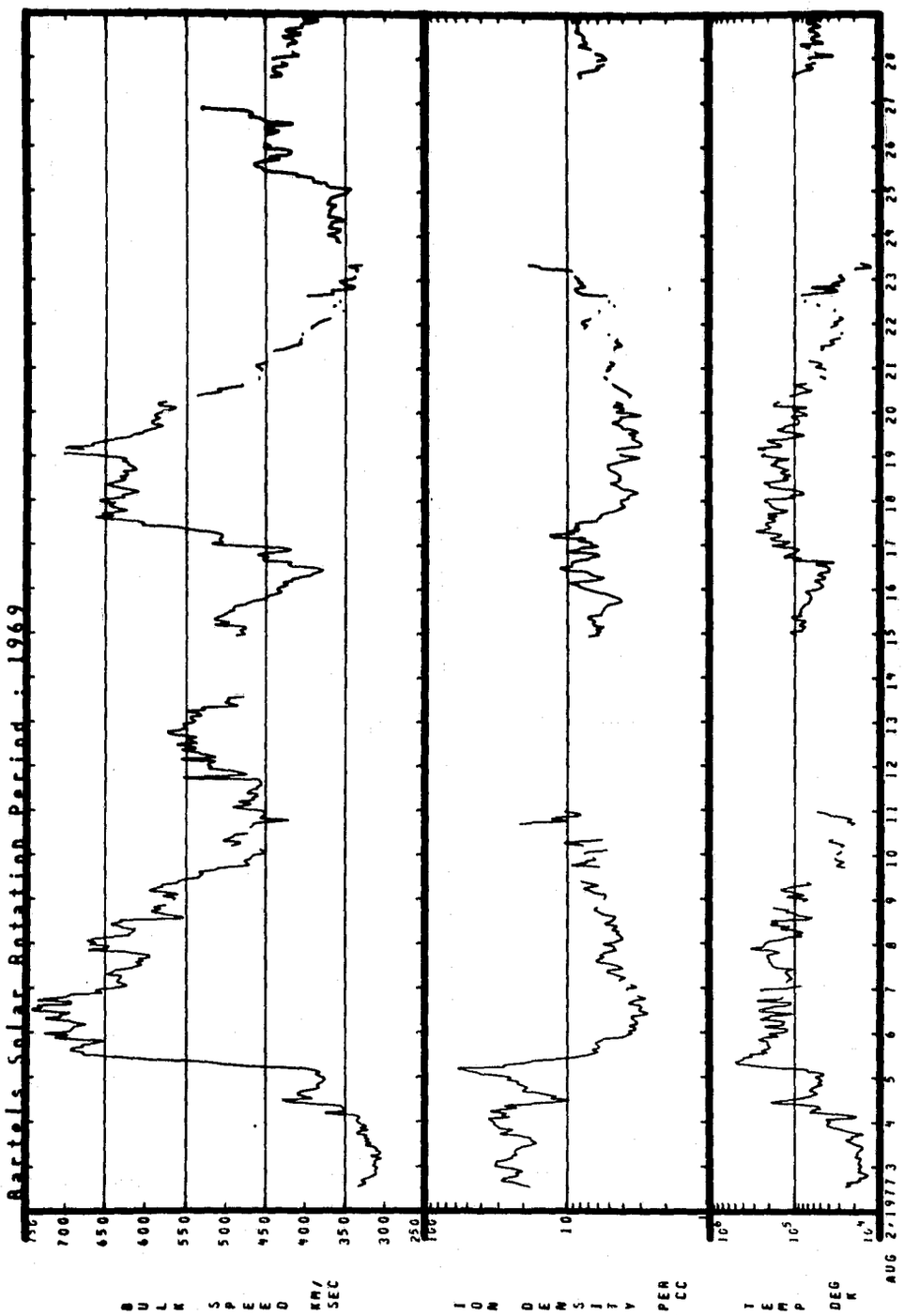

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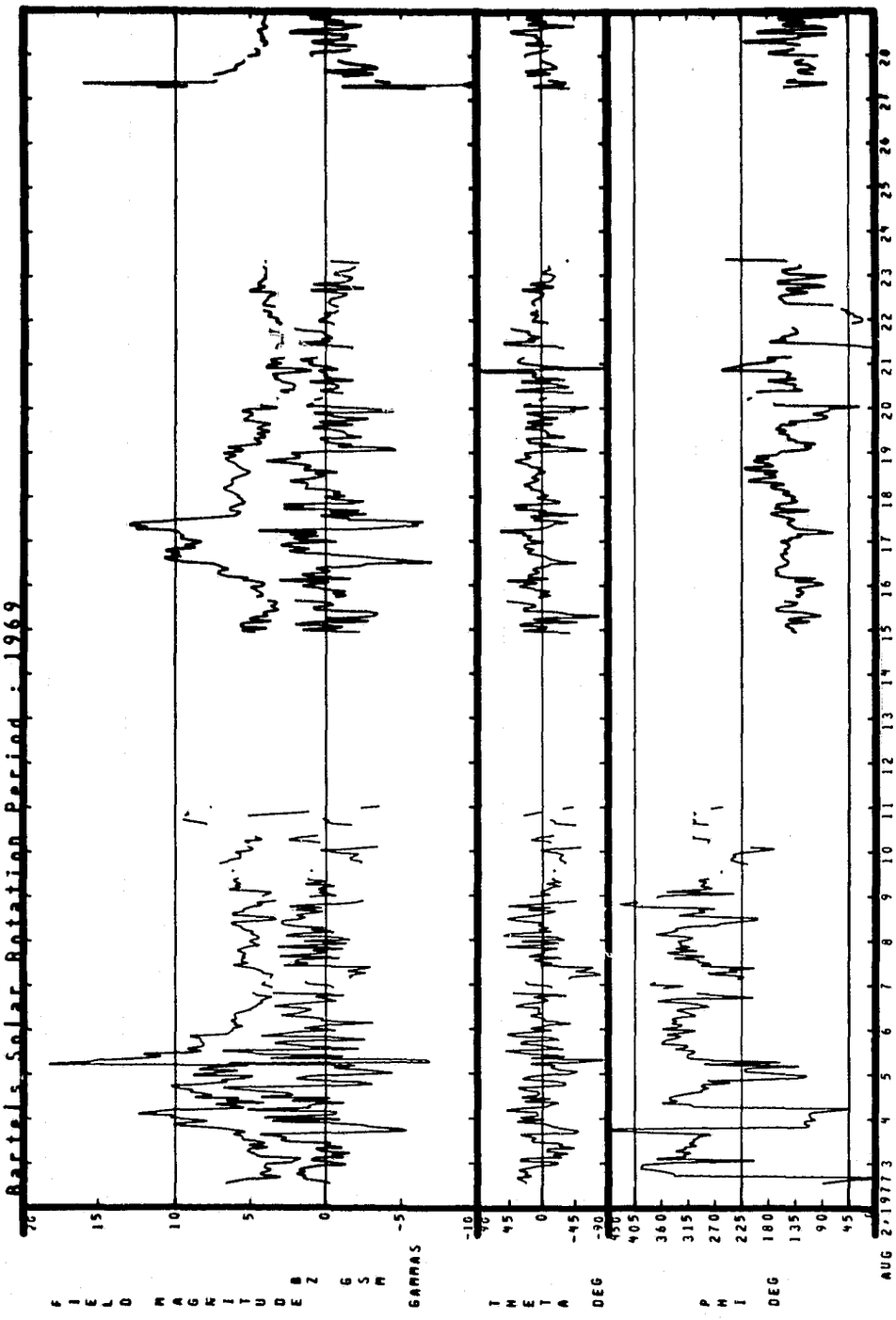

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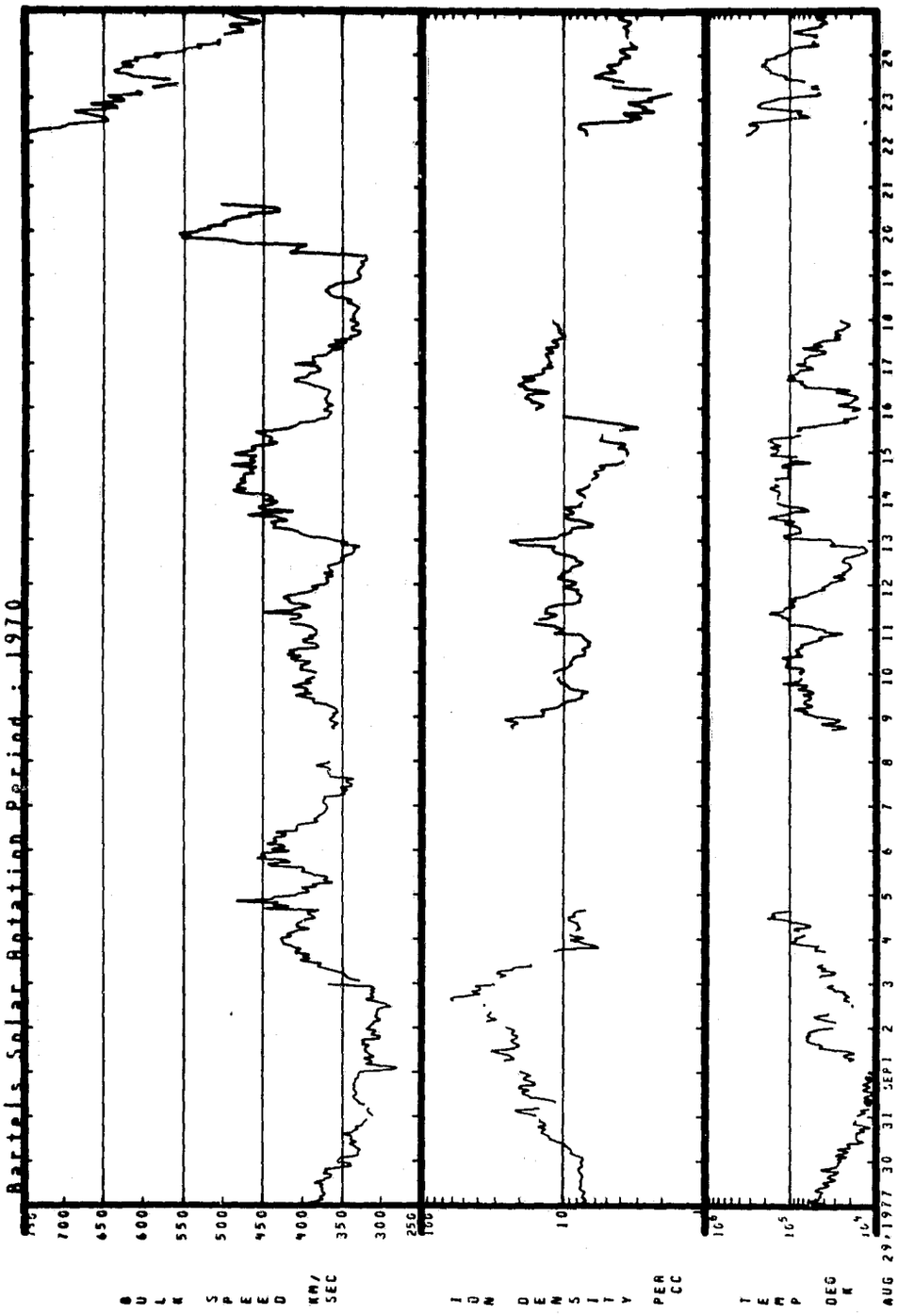

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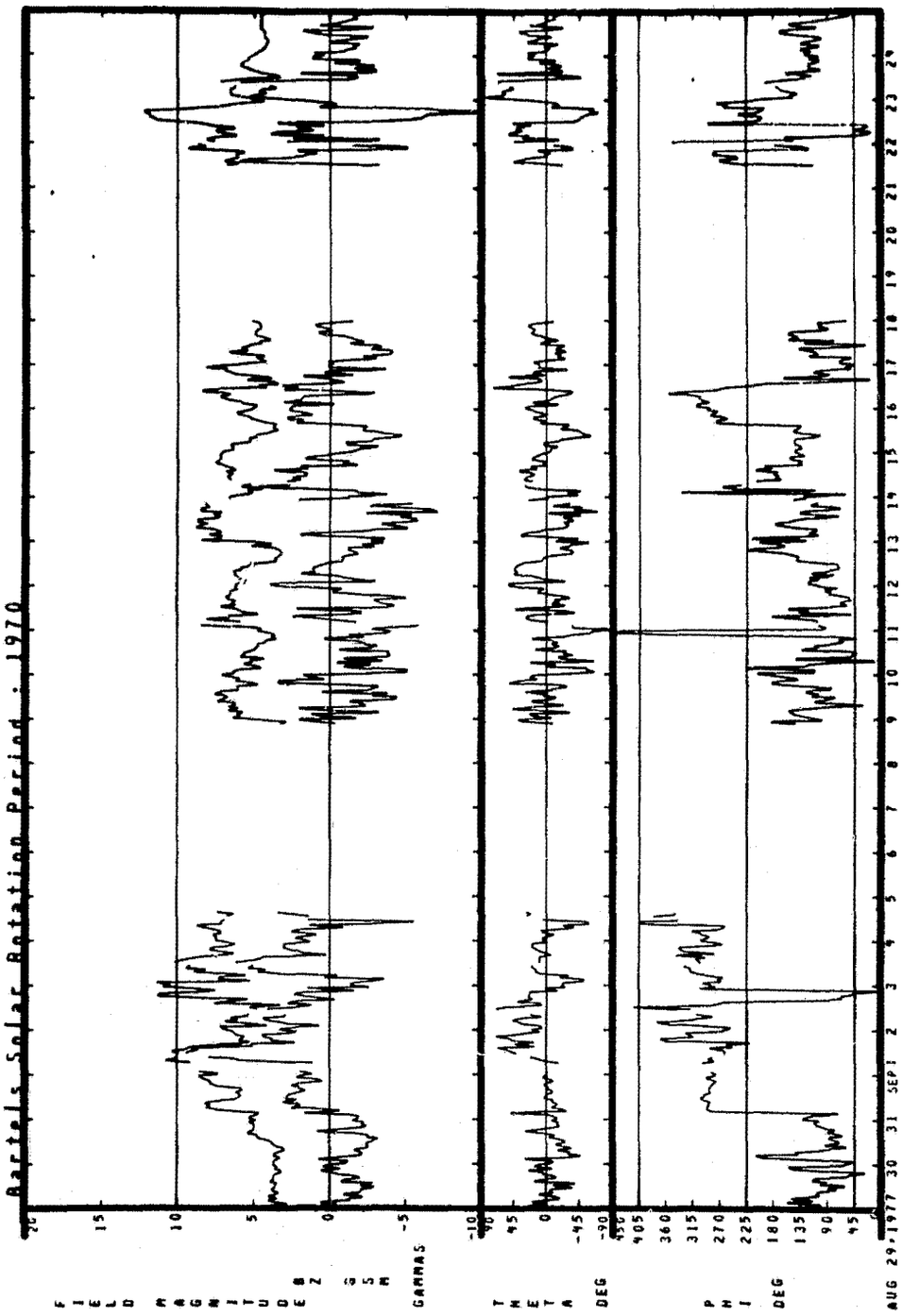
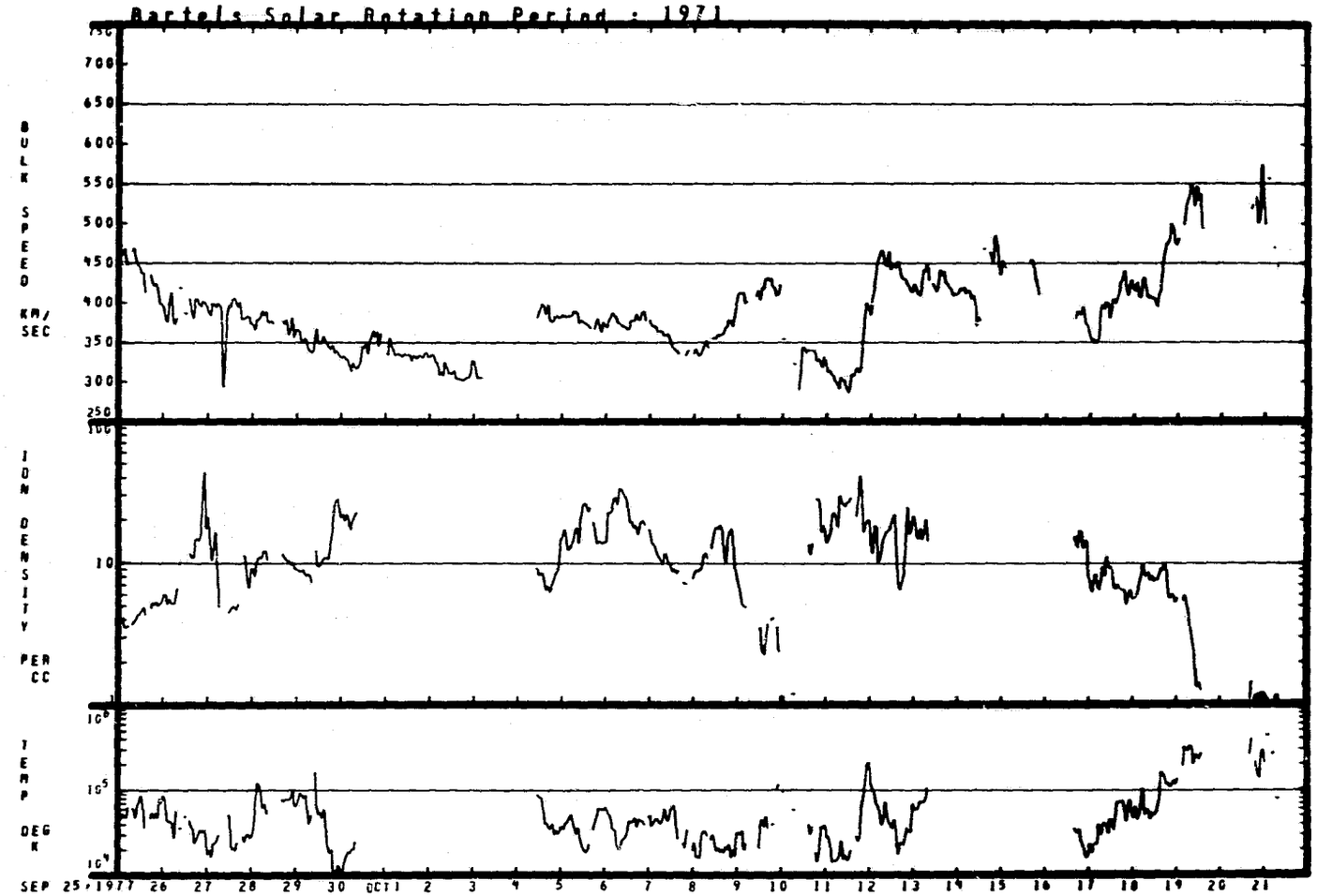
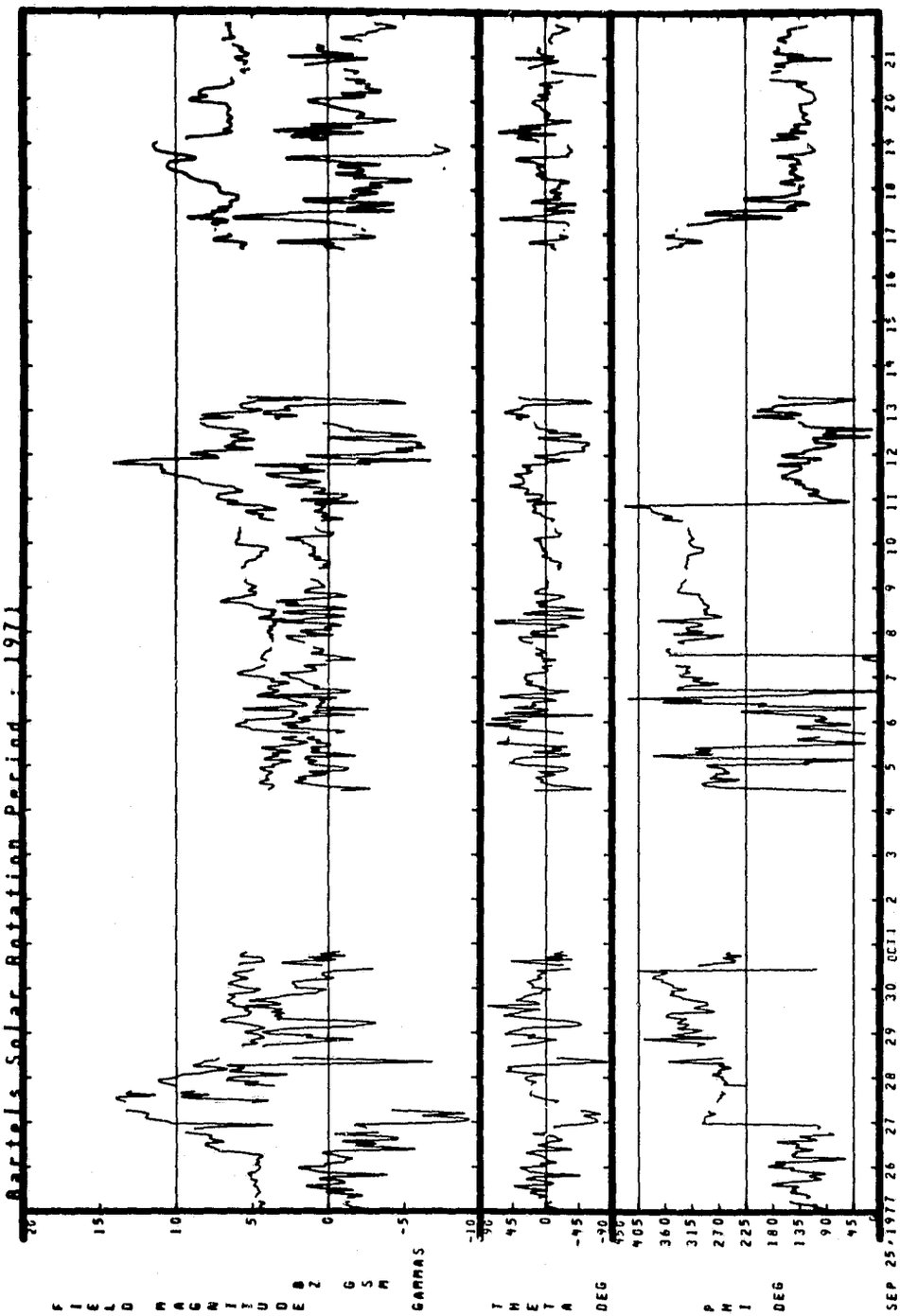
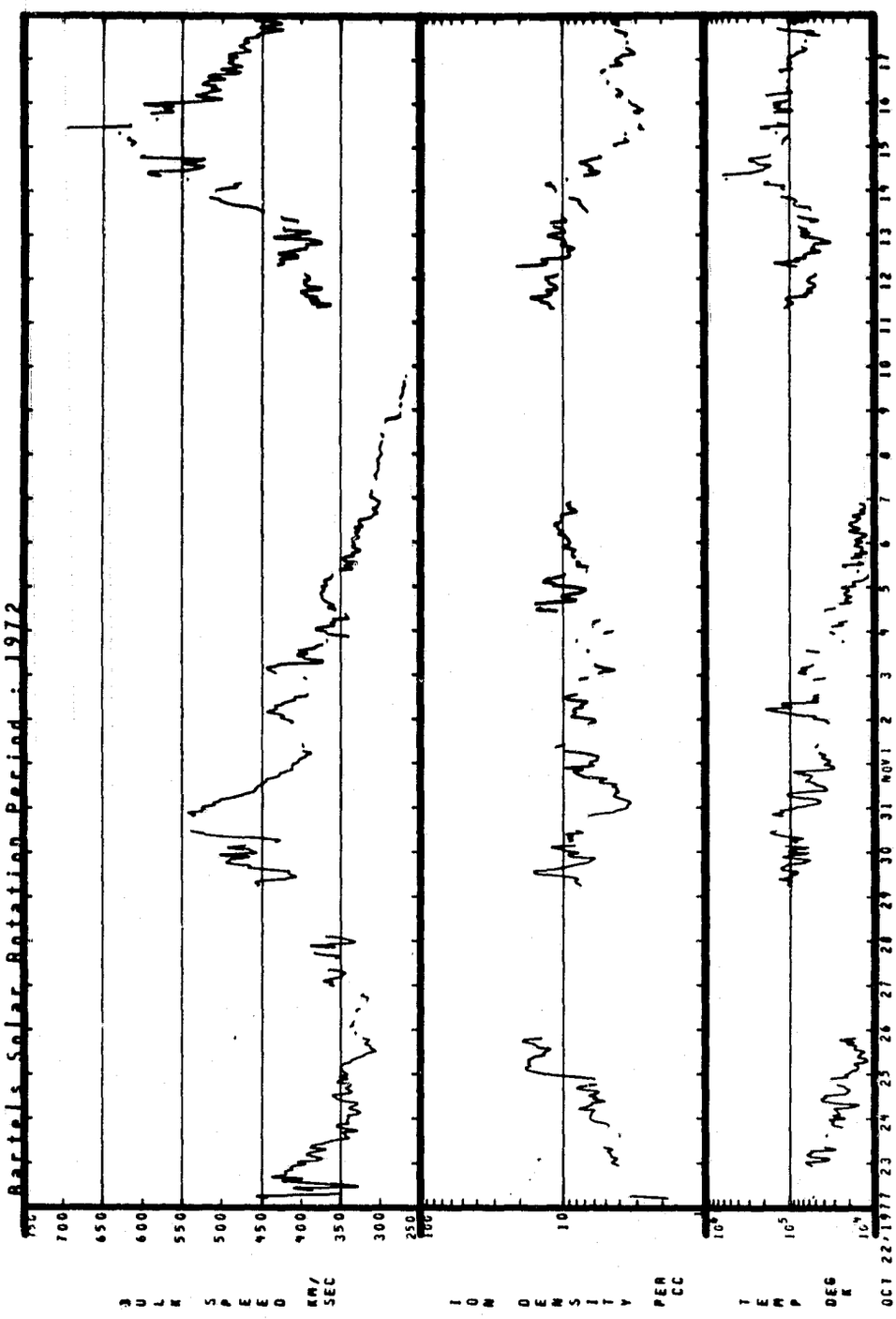



Bartels Solar Rotation Period : 1971
BULK SPEED KM/SEC
750
700
650
600
550
500
450
400
350
300
250
ION DENSITY PER CC
100
10
1
TEMP DEG K
10^6
10^5
10^4
SEP 25, 1977 26 27 28 29 30 OCT 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

09/25/77 - 10/21/77



10/22/77 - 11/17/77



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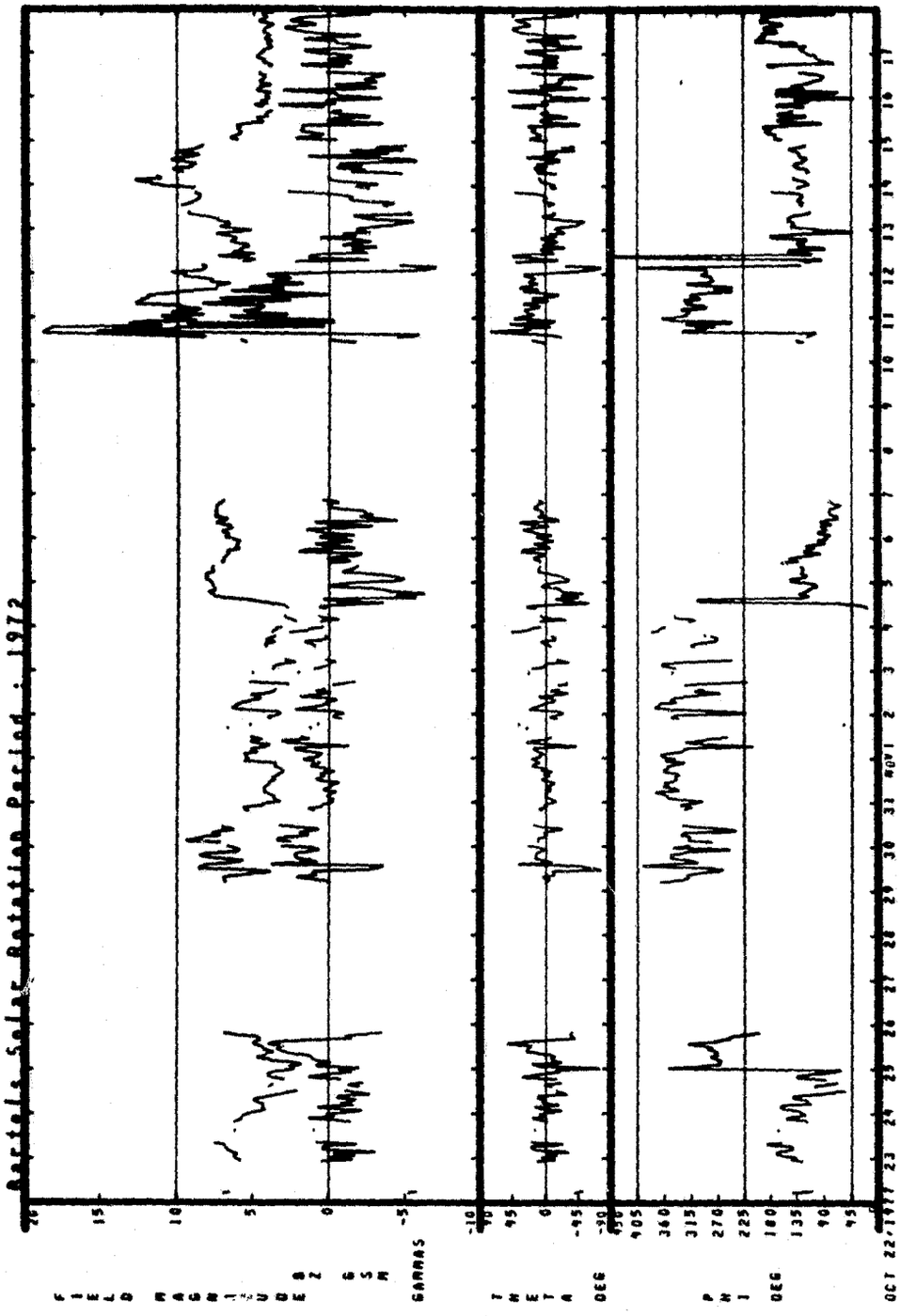

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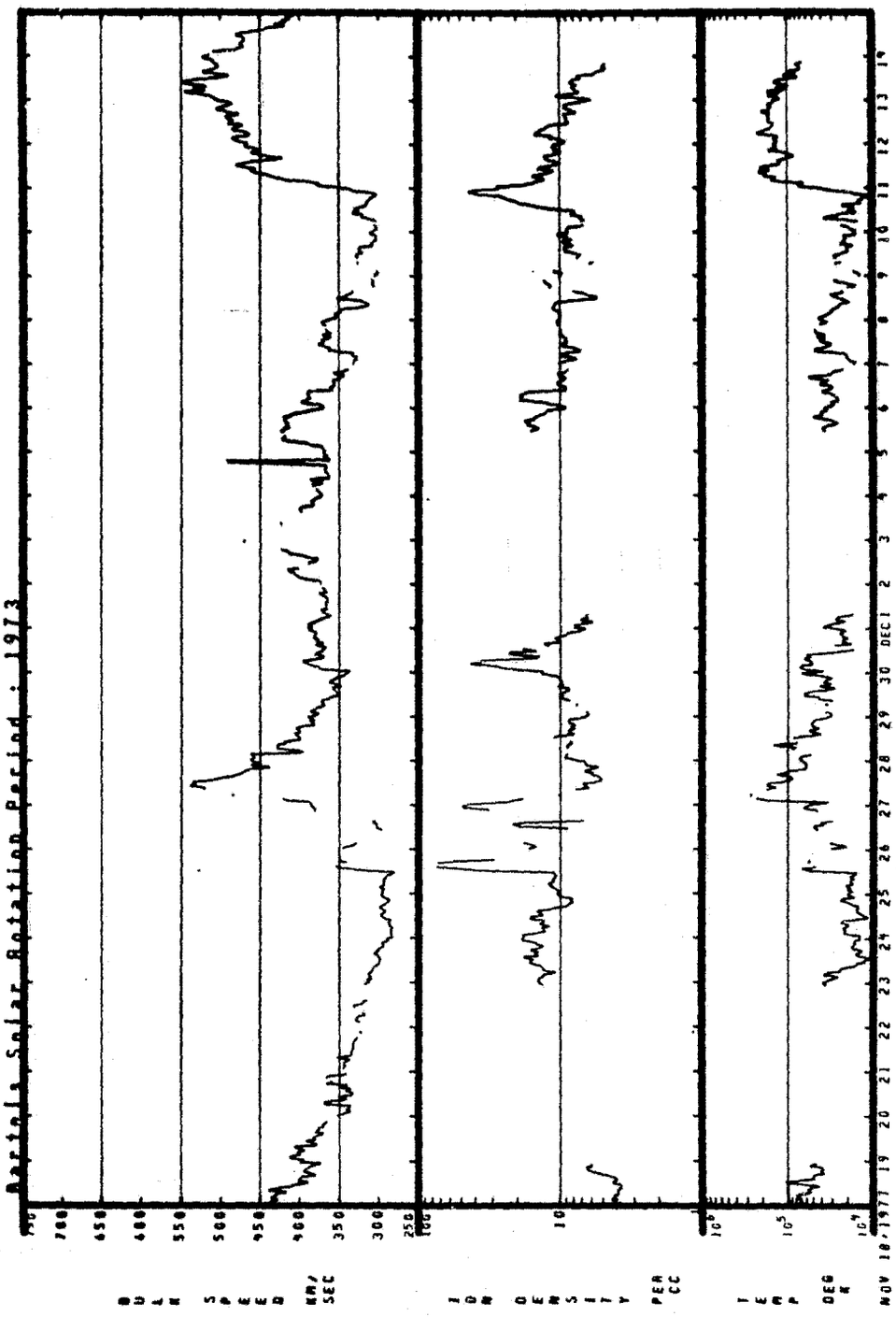

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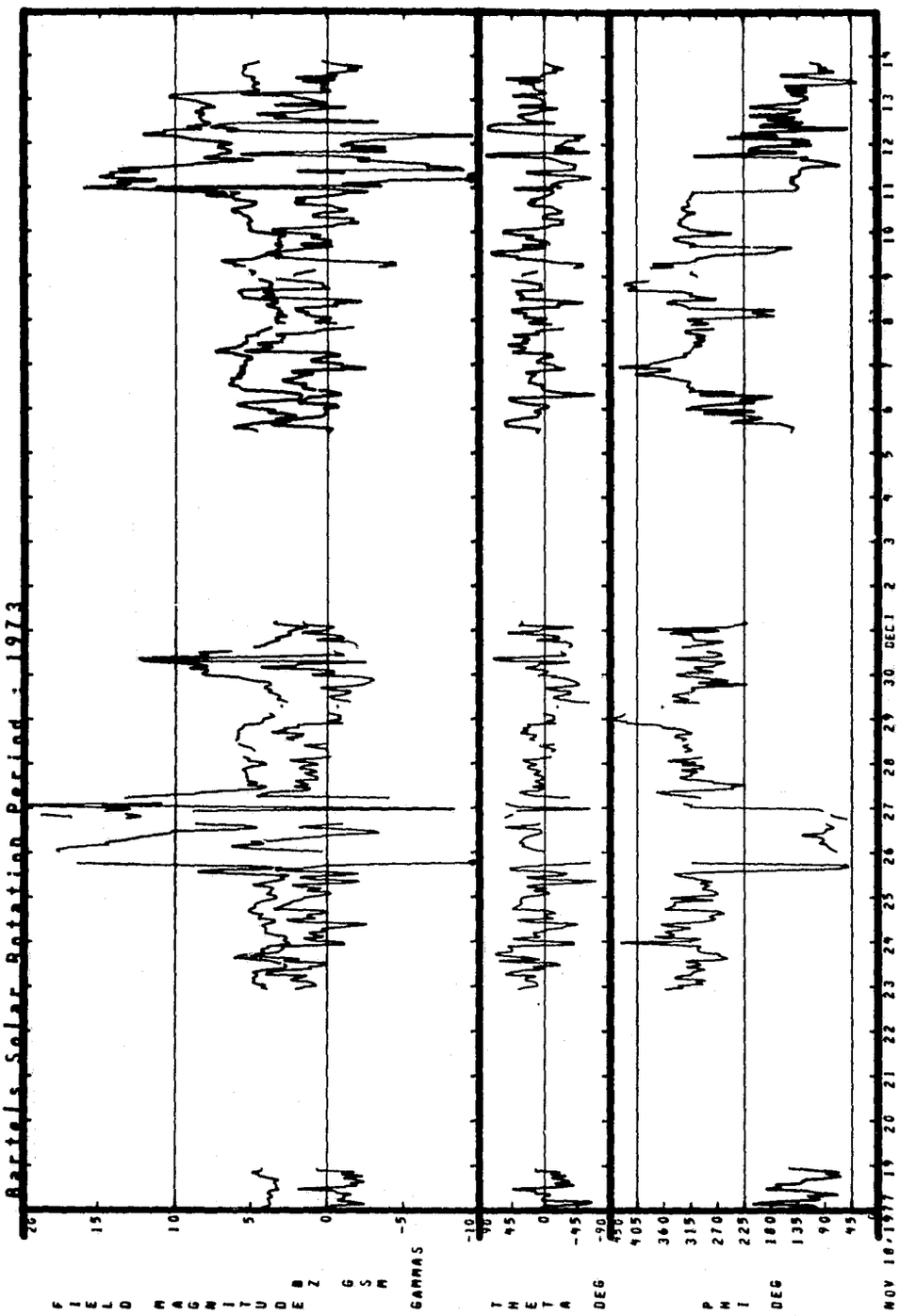
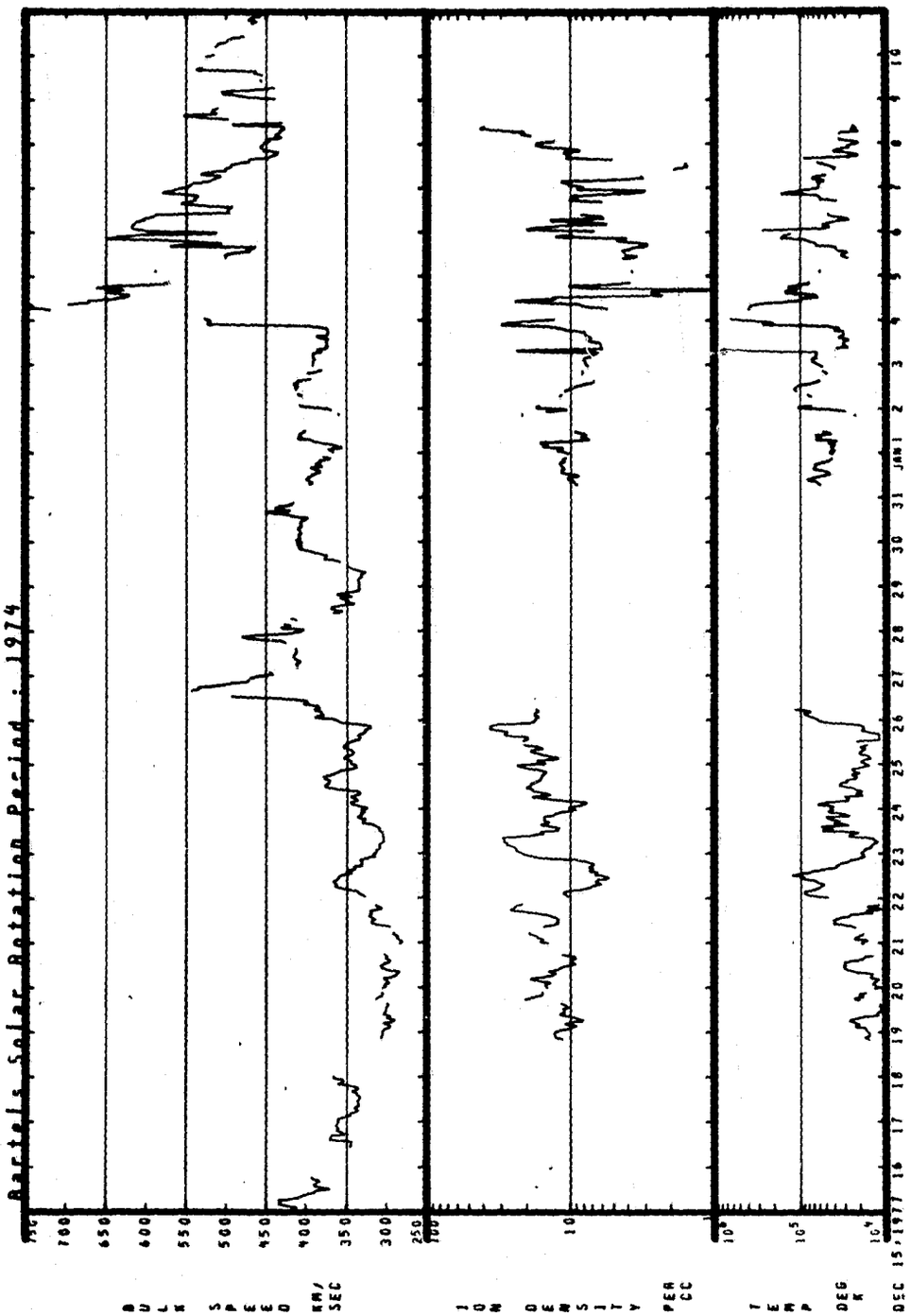
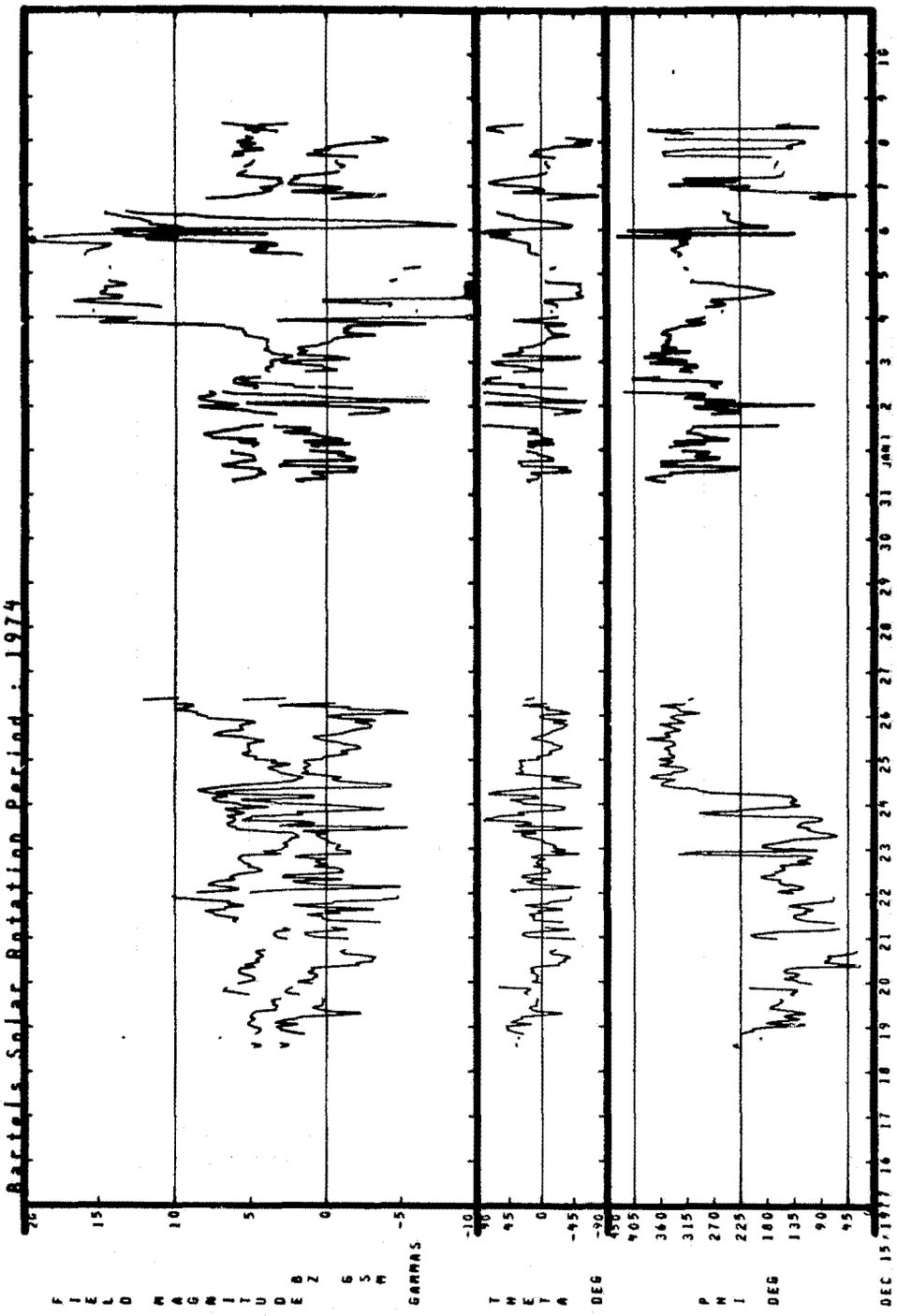


12/15/77 - 01/10/78



12/15/77 - 01/10/78



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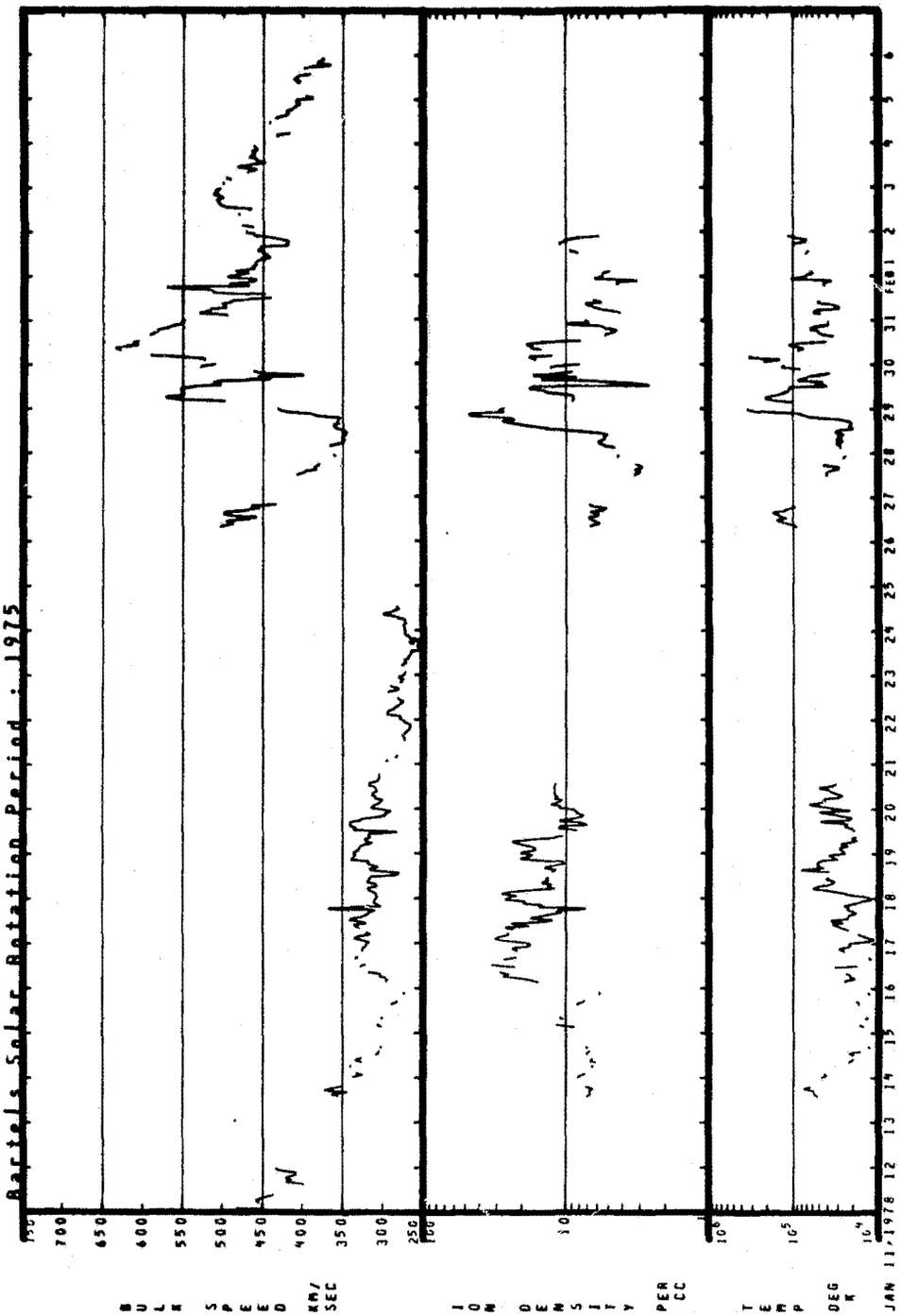

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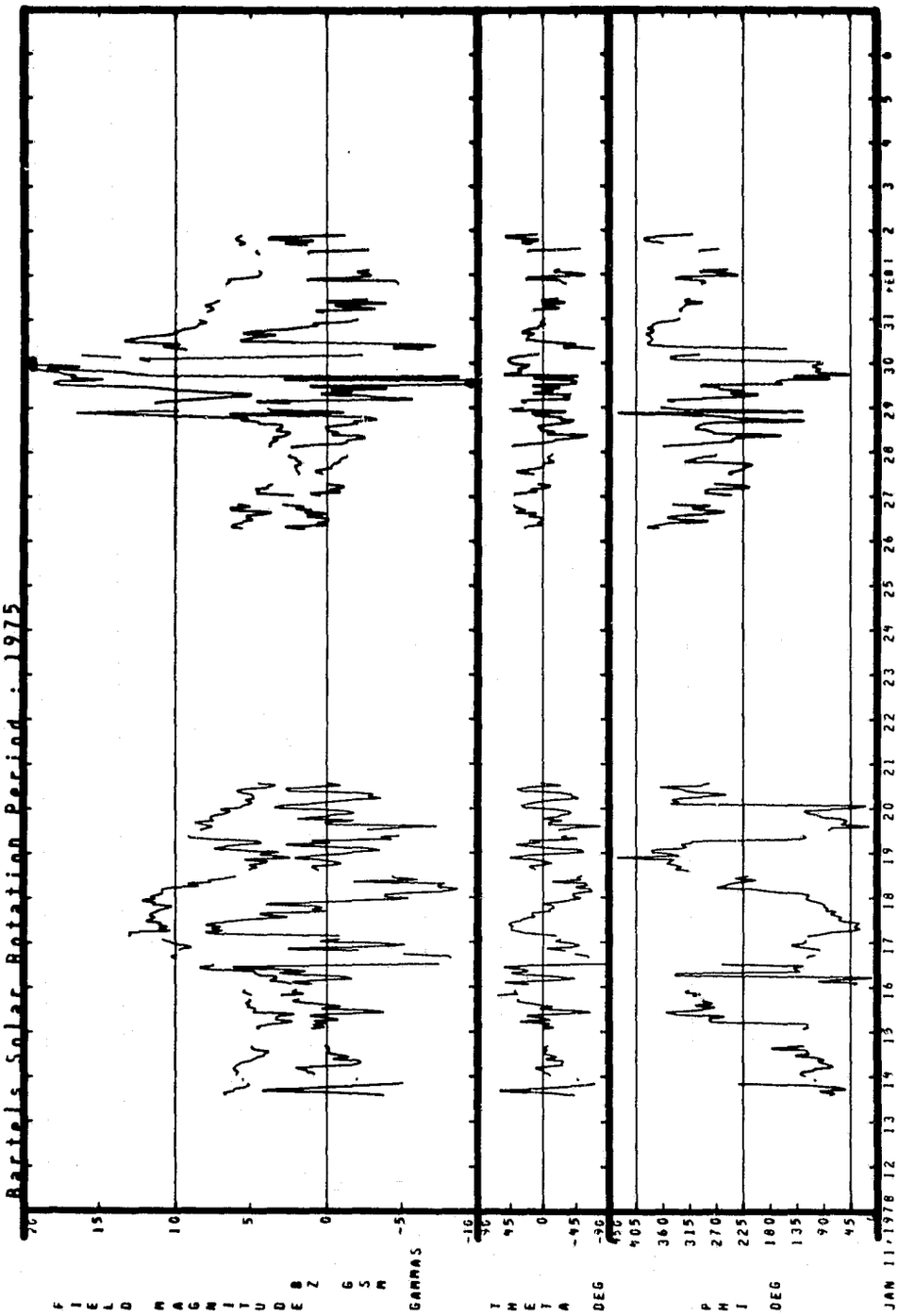

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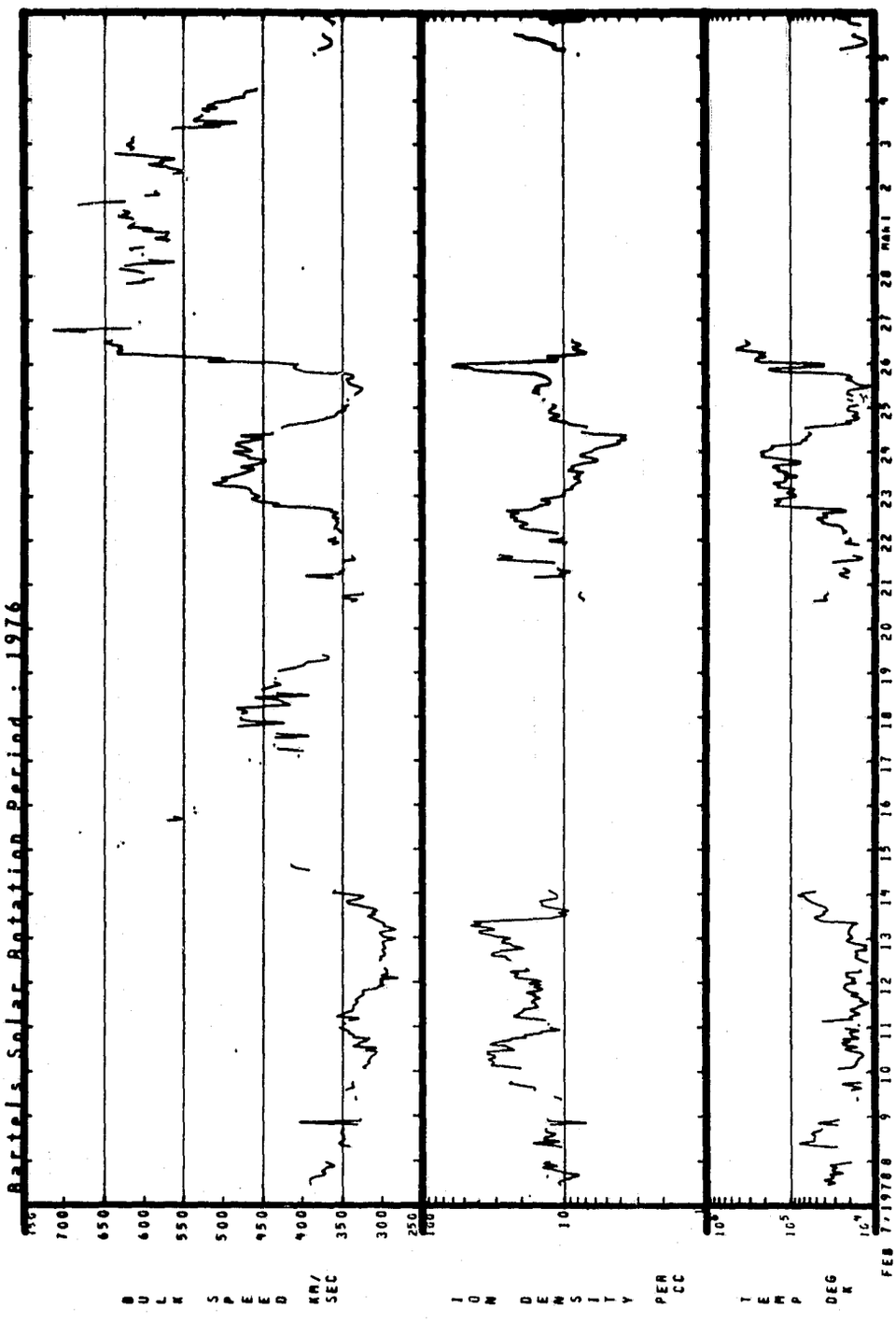

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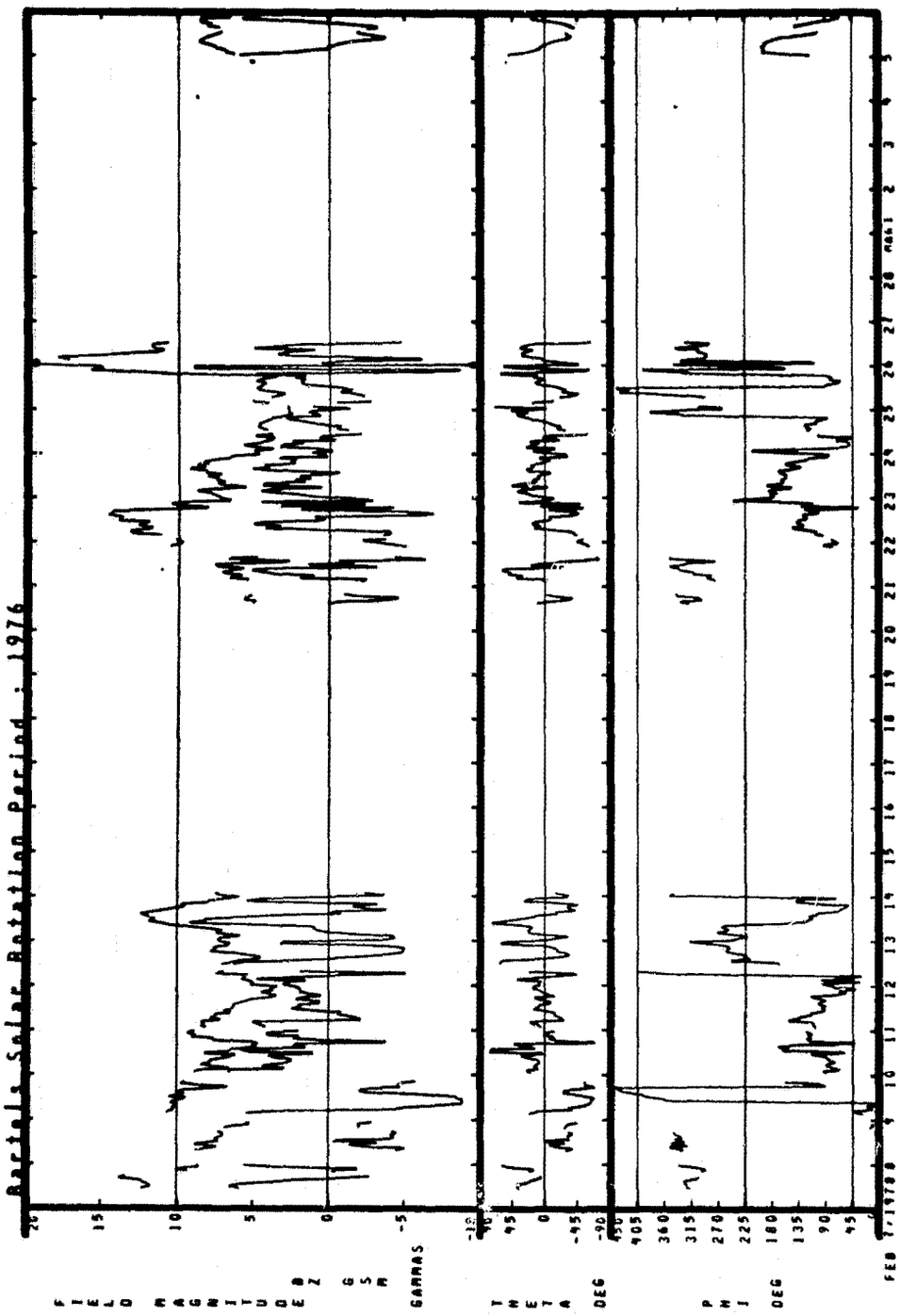

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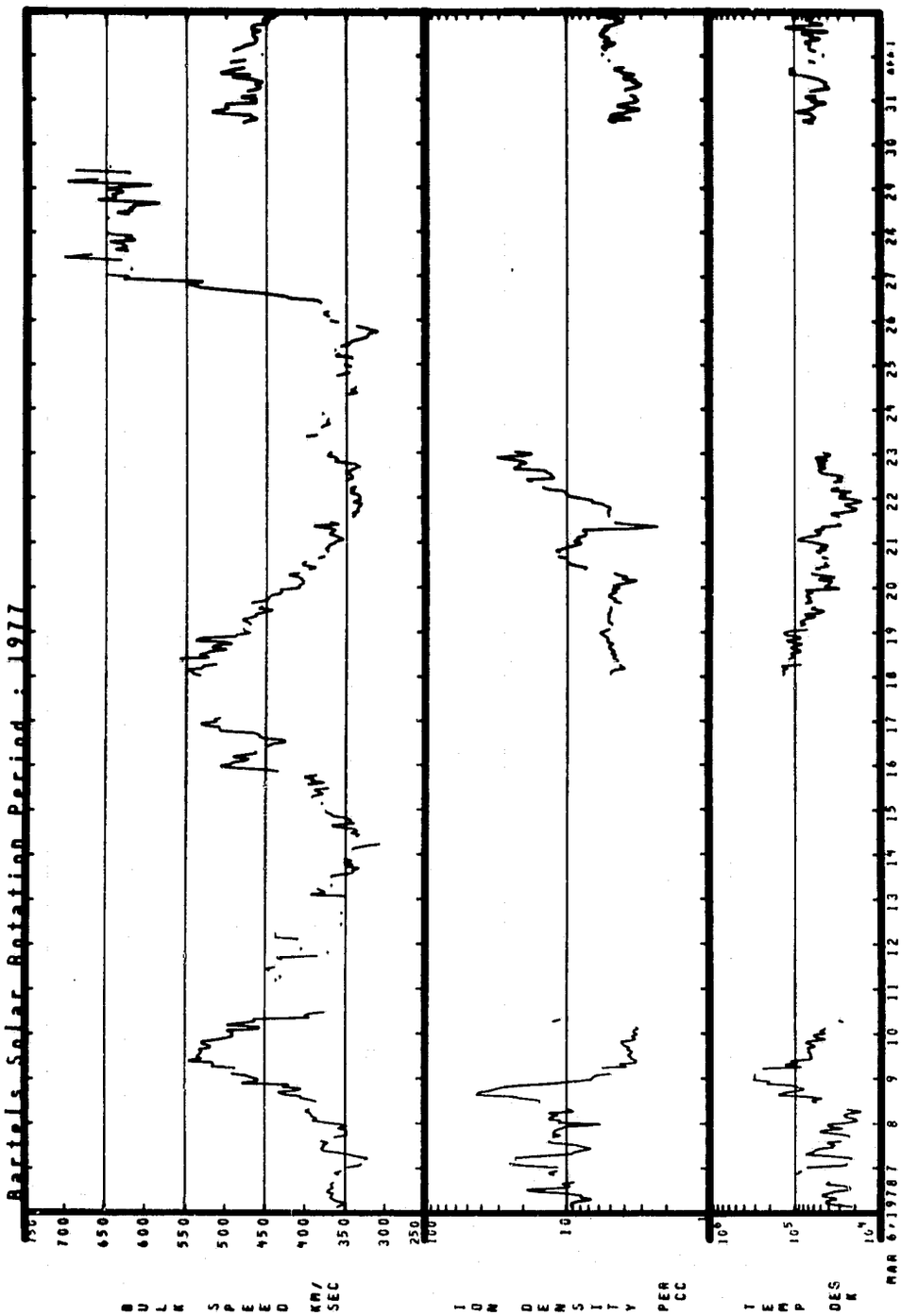

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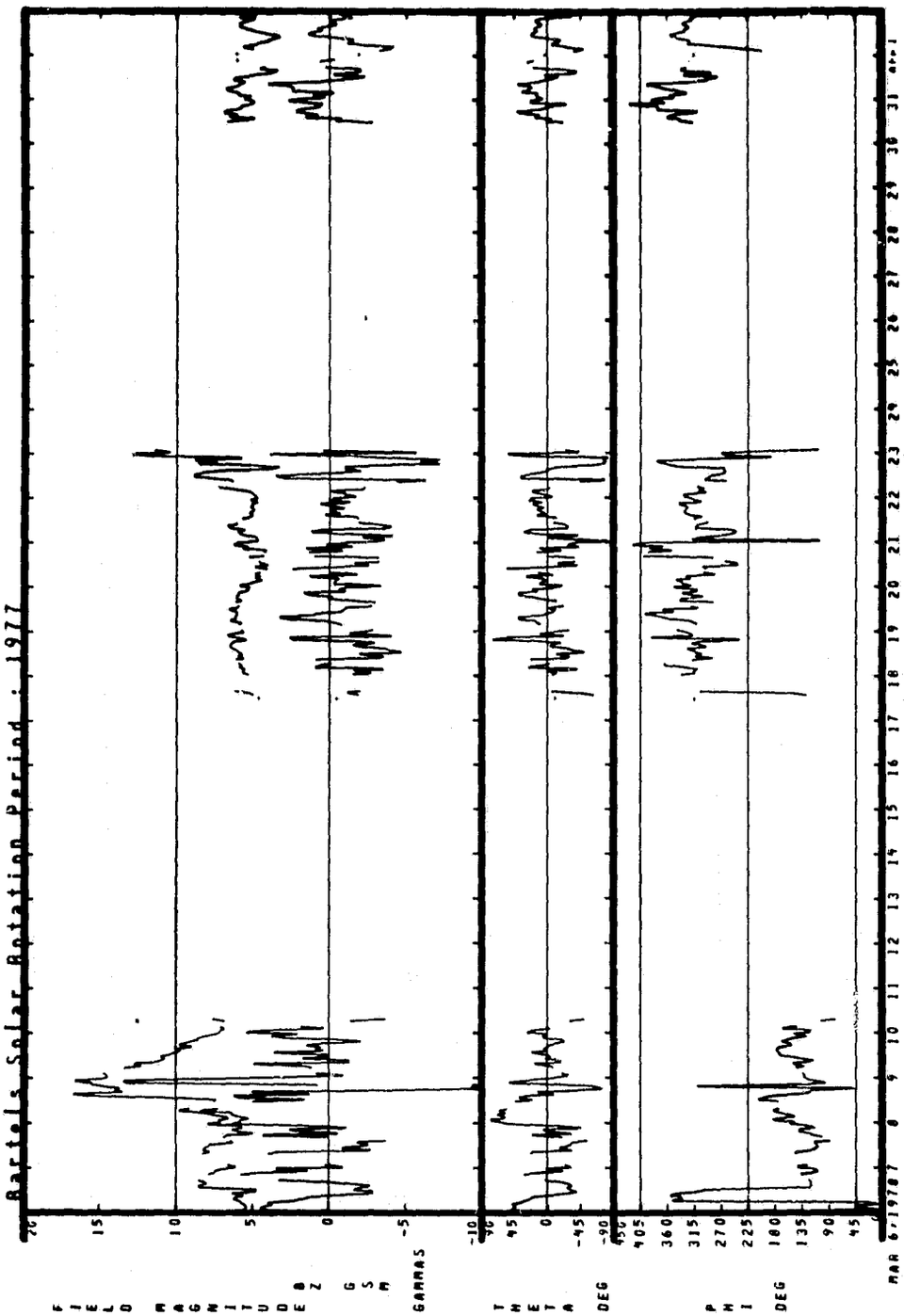
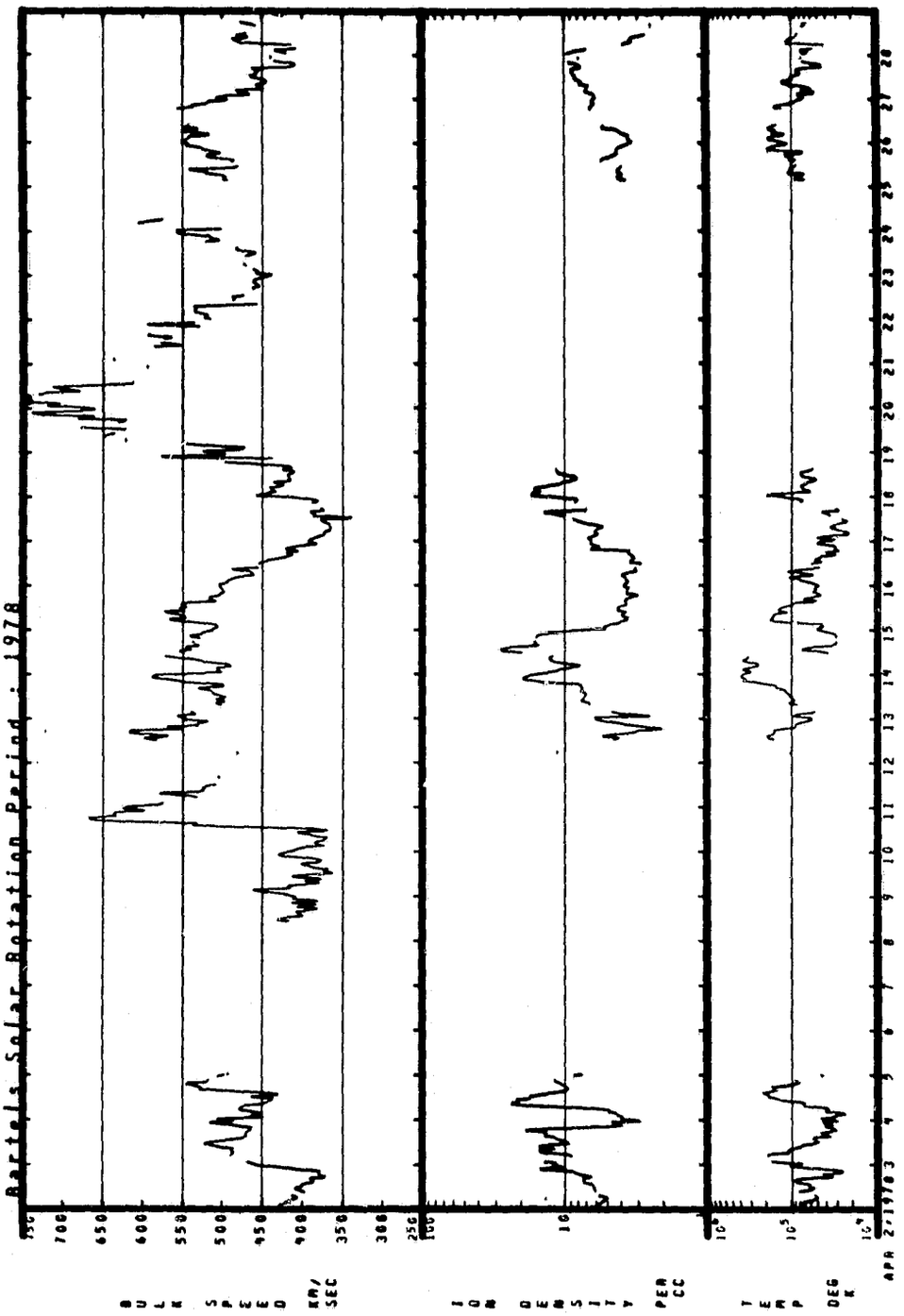
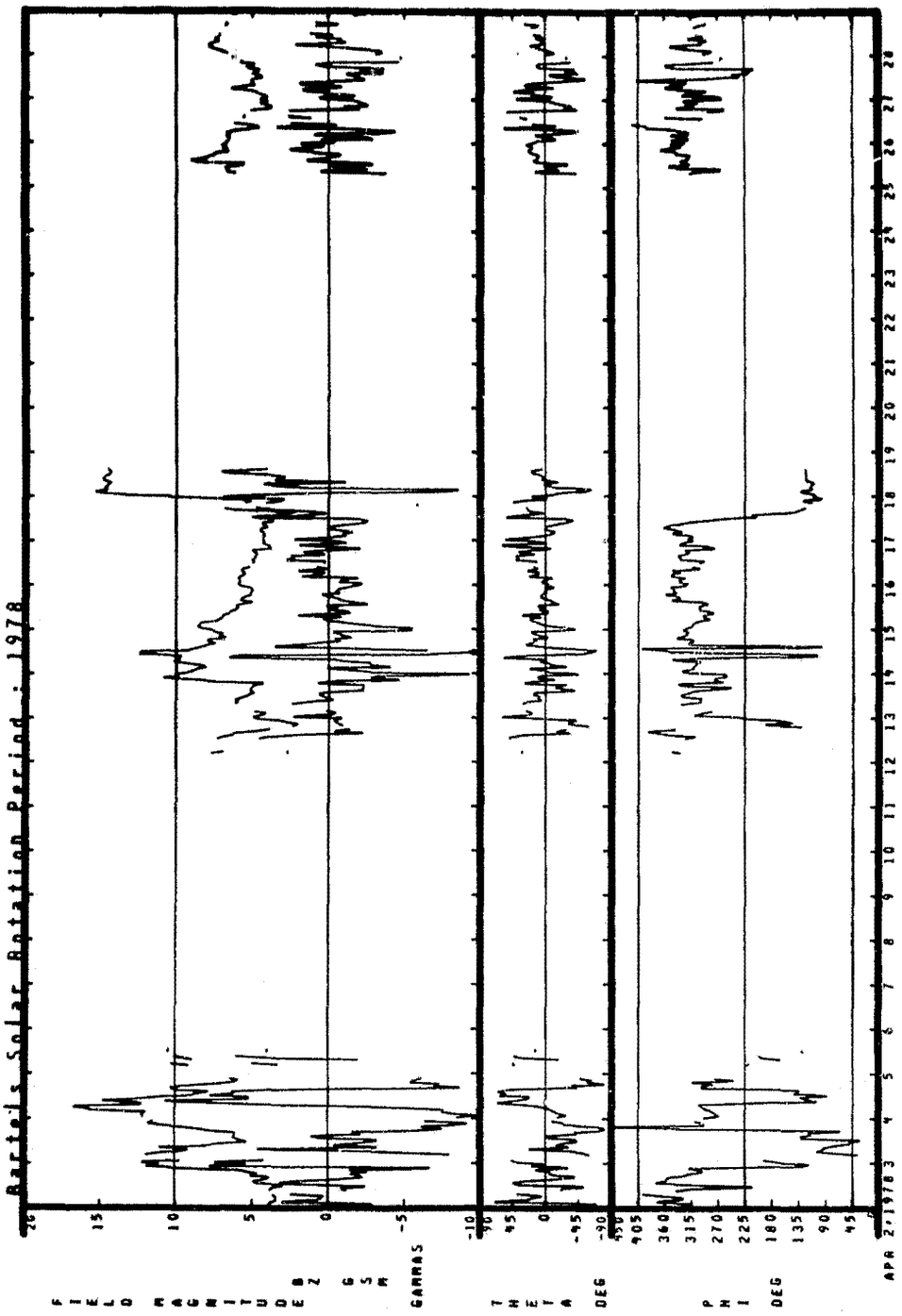


04/02/78 - 04/28/78



04/02/78 - 04/28/78



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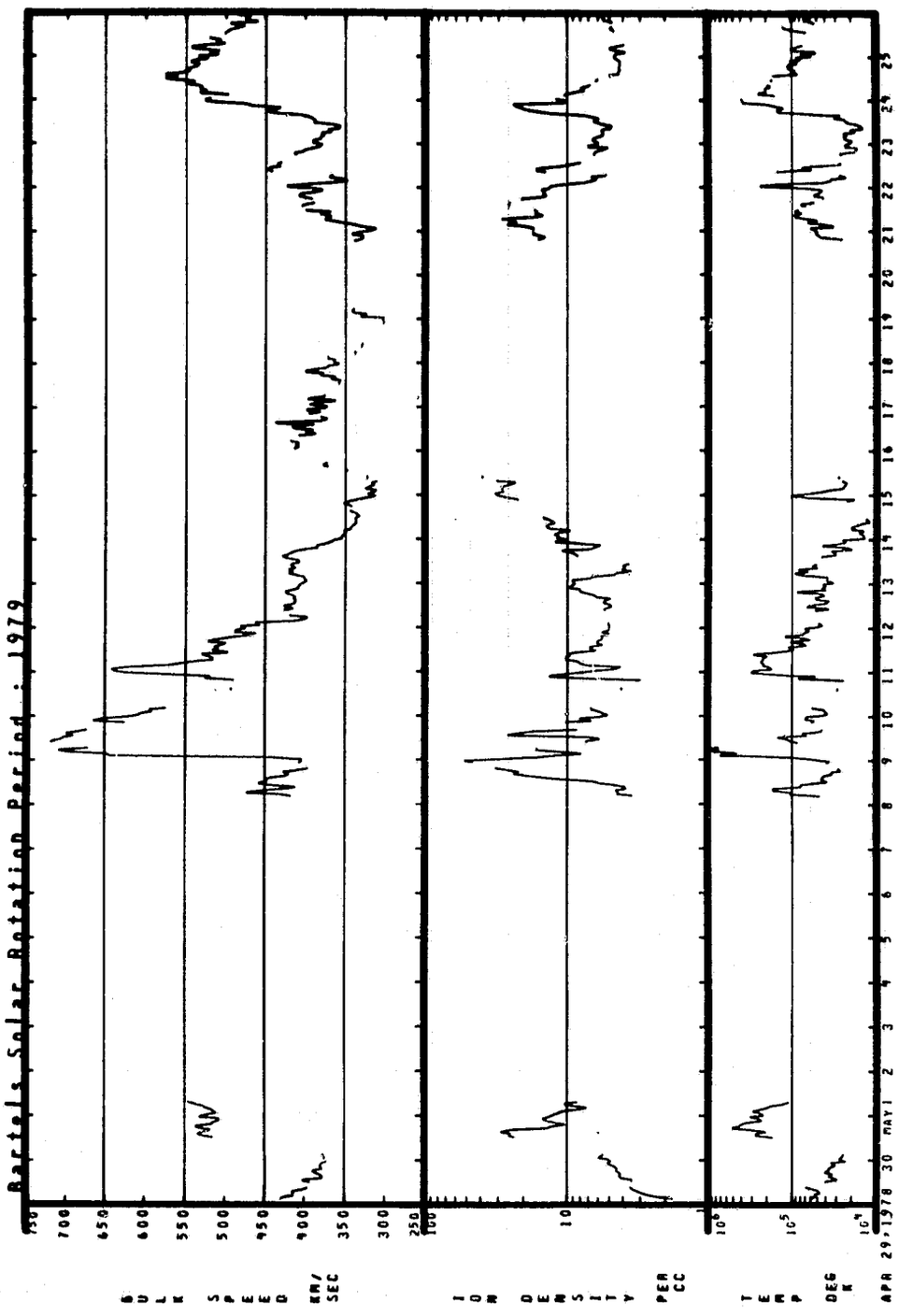
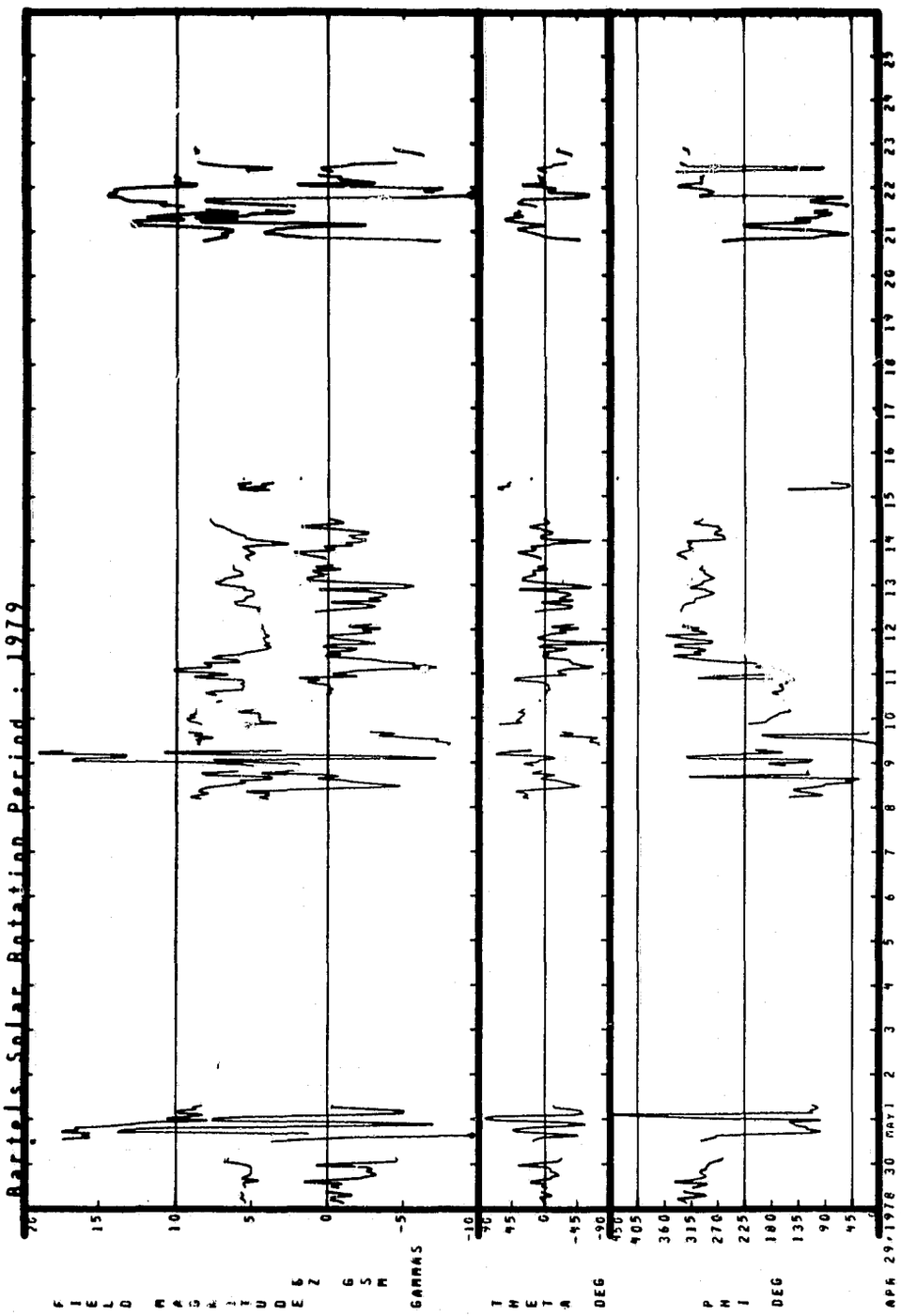


C-28

04/29/78 - 05/25/78



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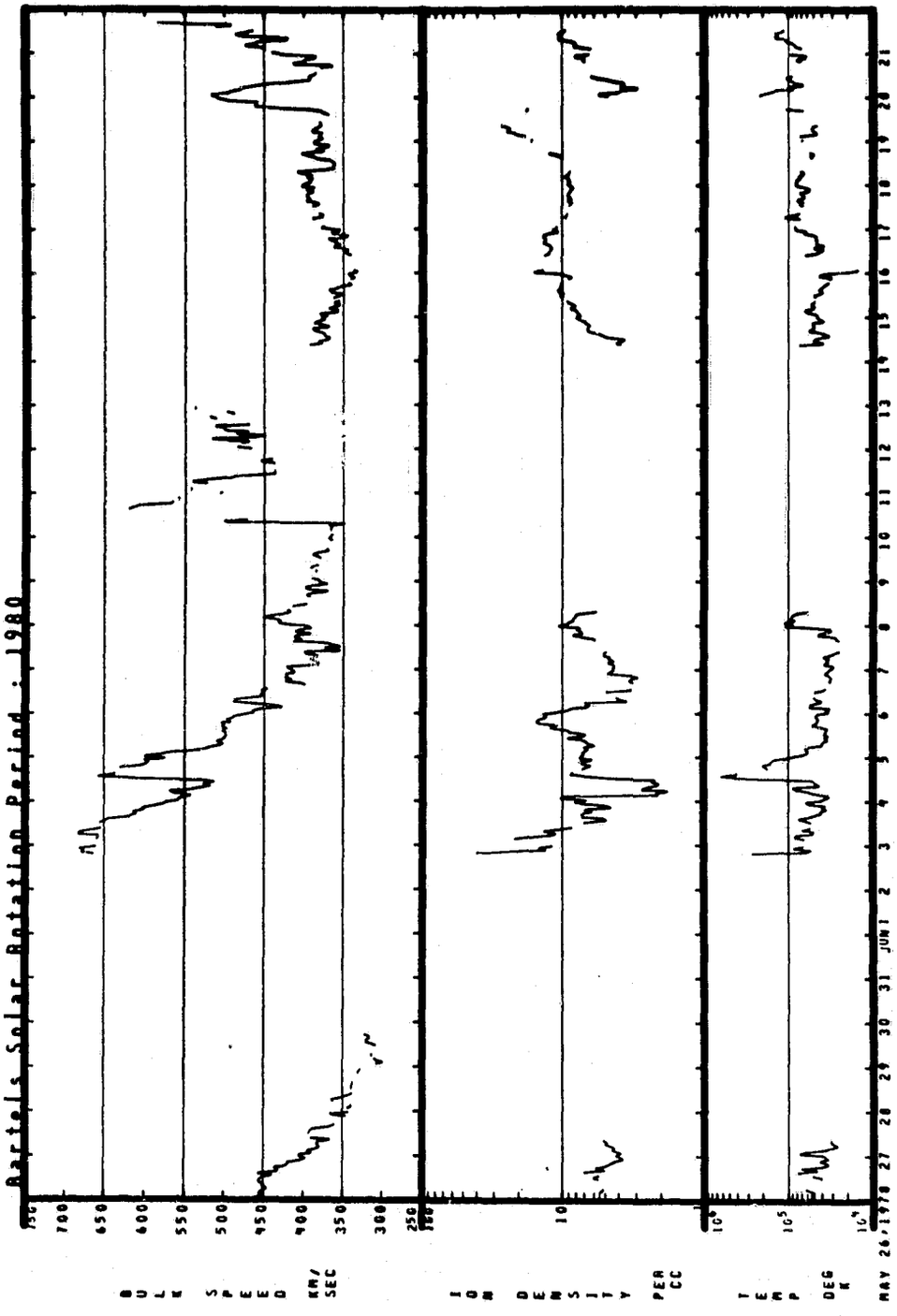
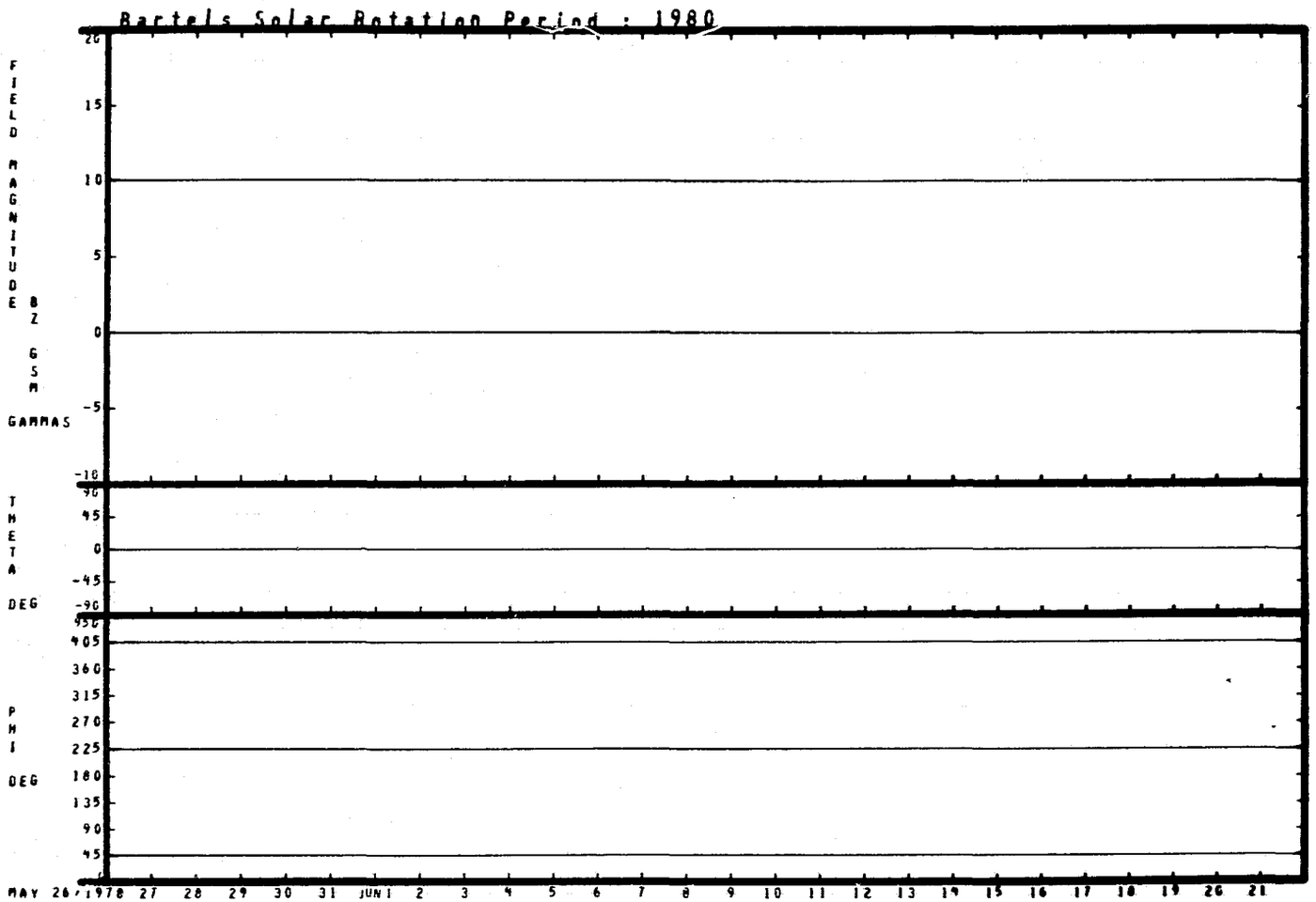
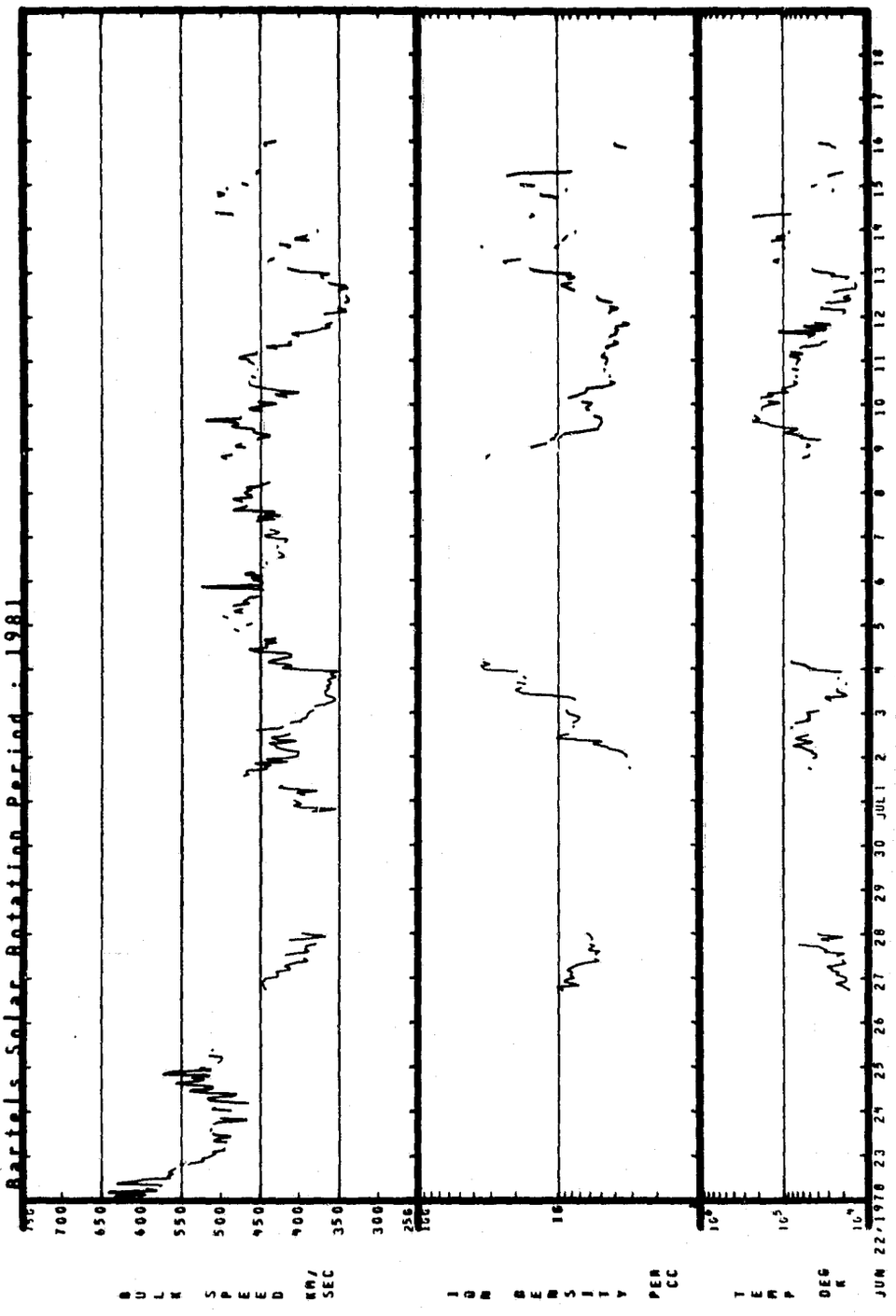




05/26/78 - 06/21/78

06/22/78 - 07/18/78



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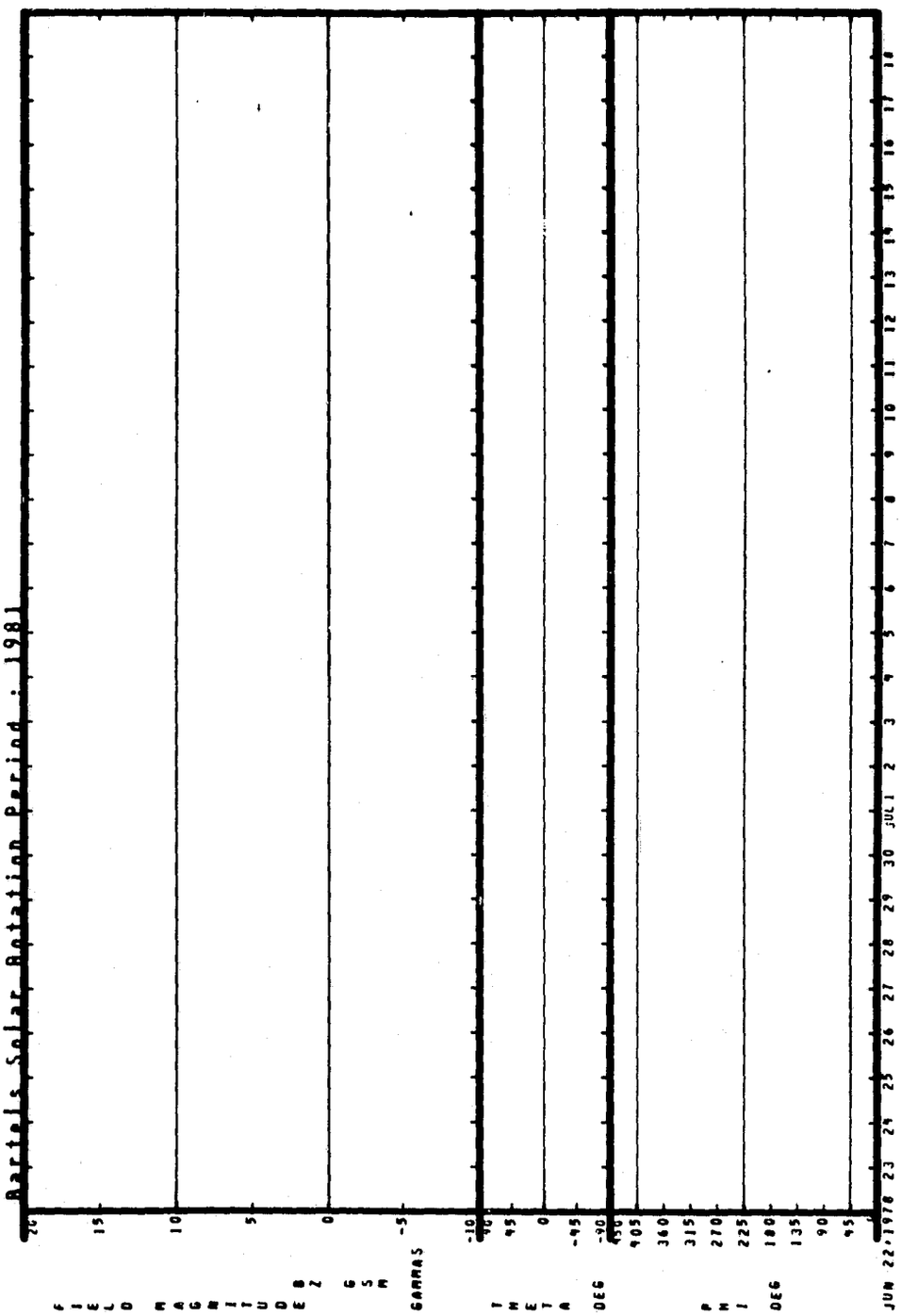

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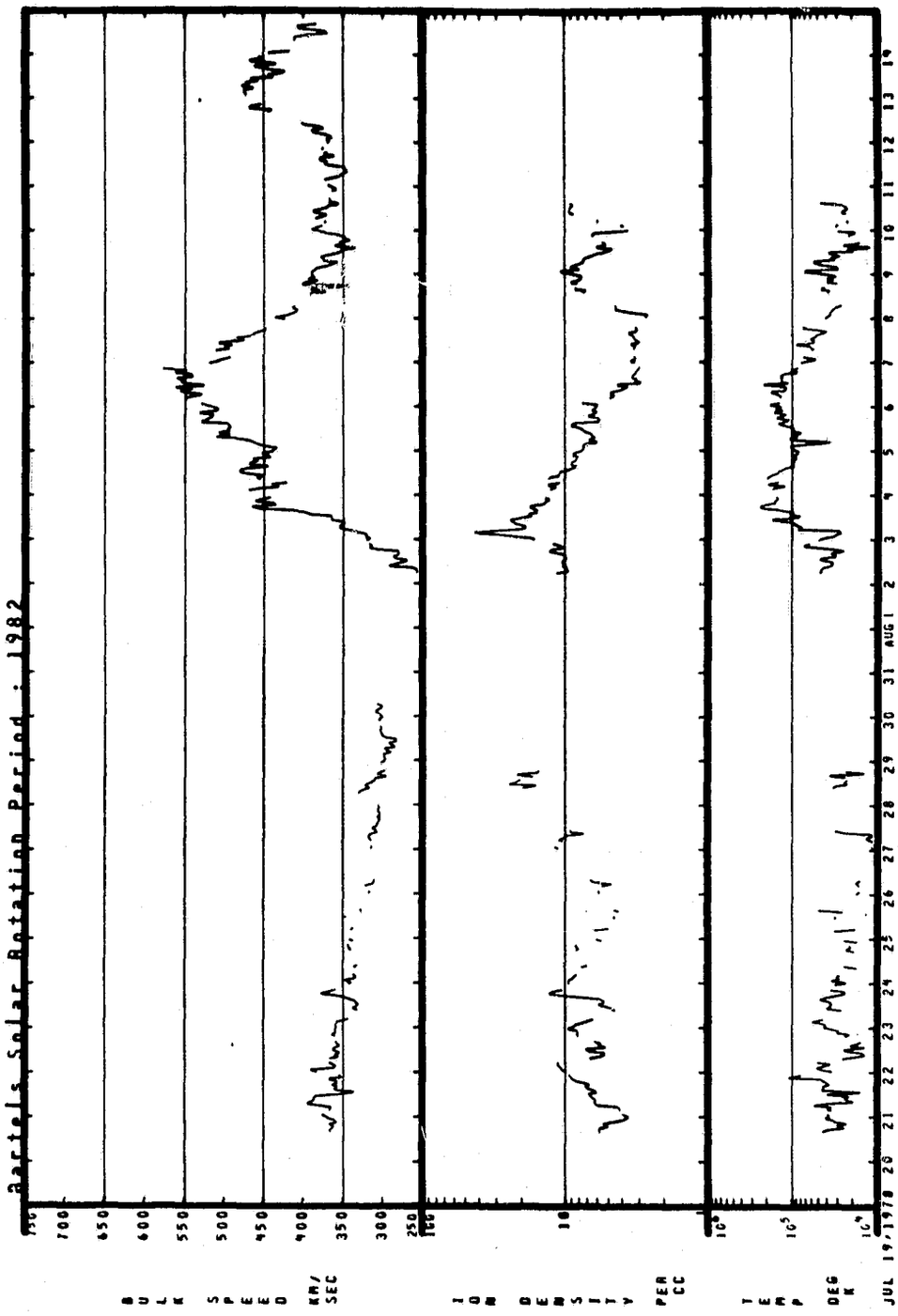
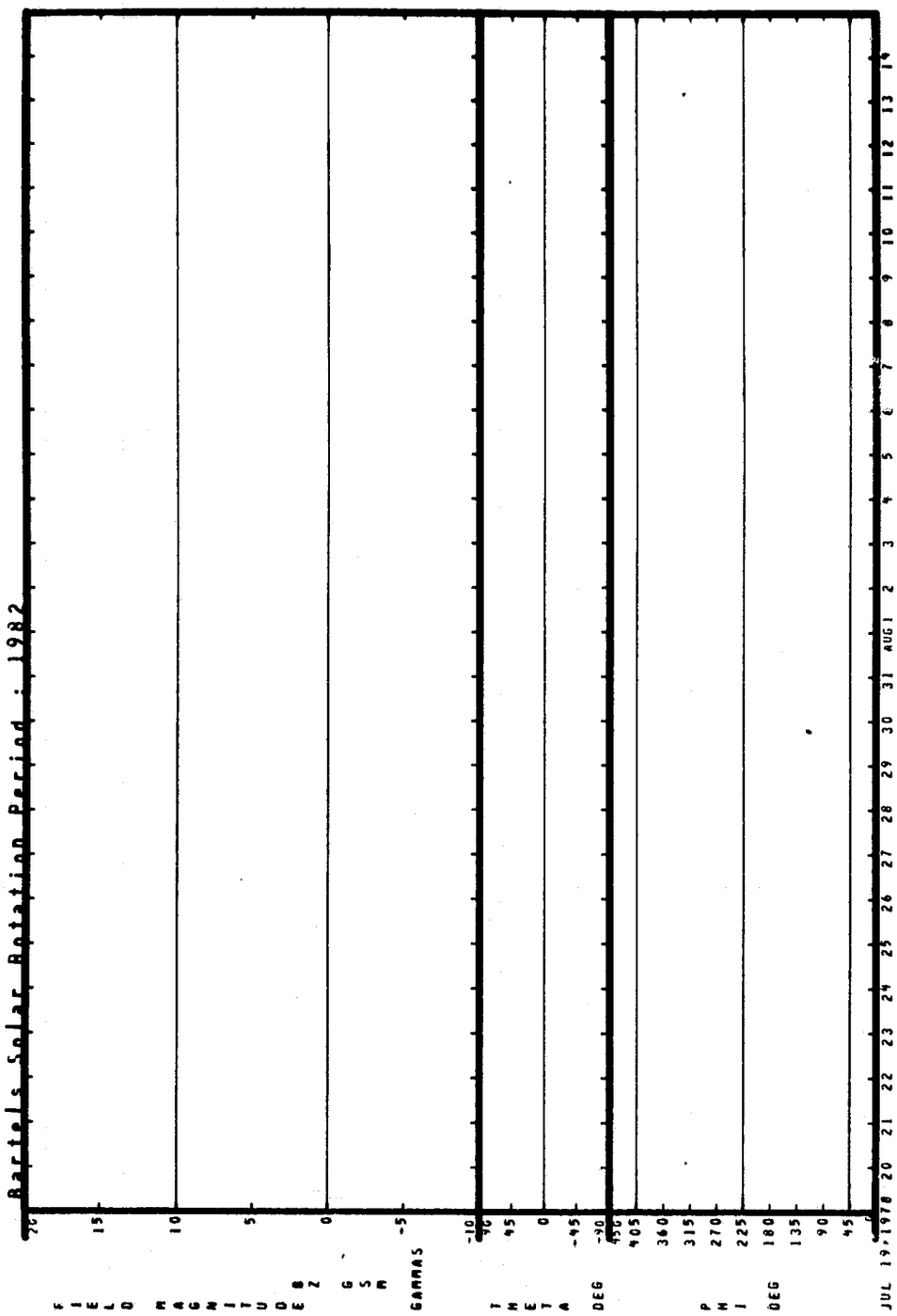
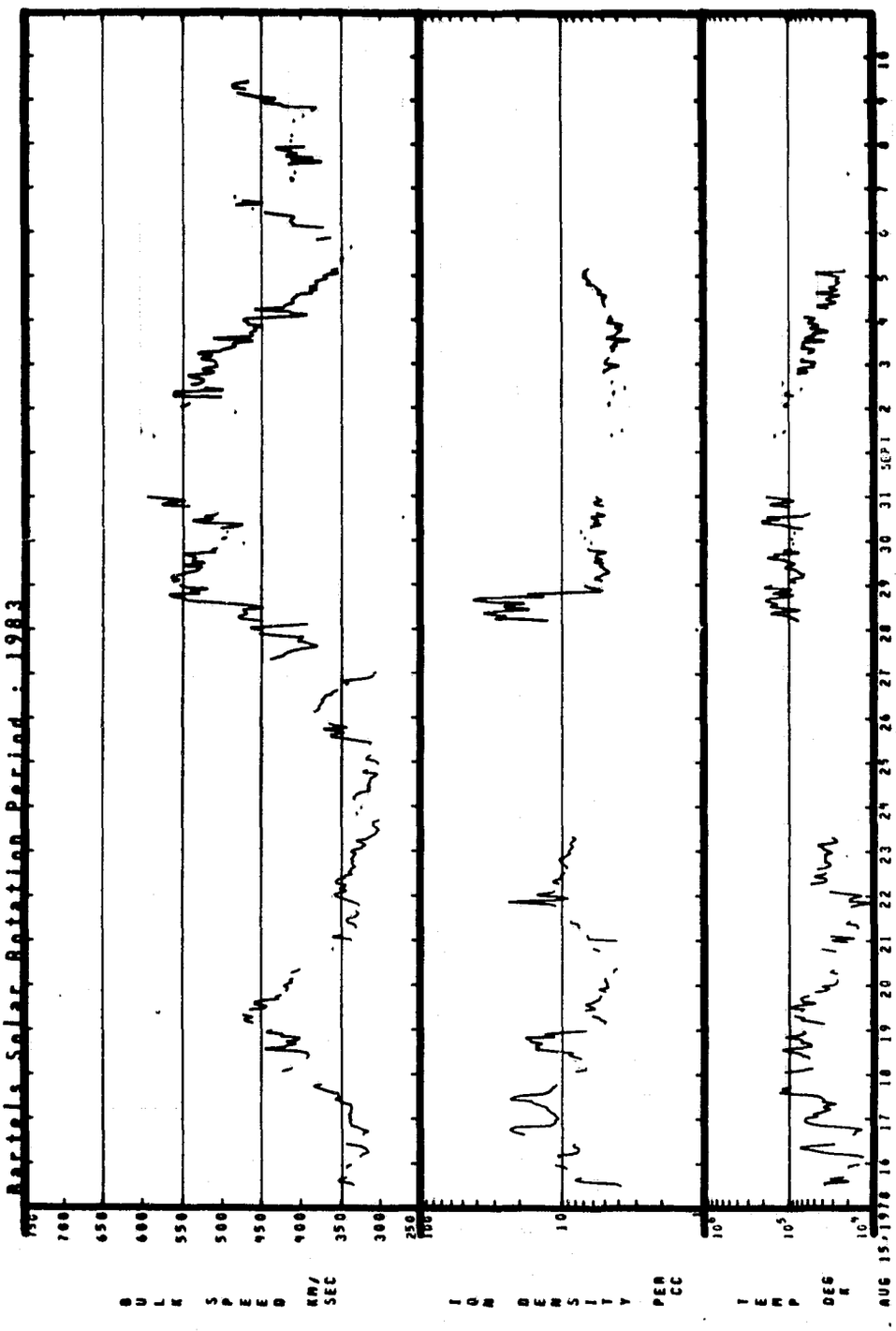
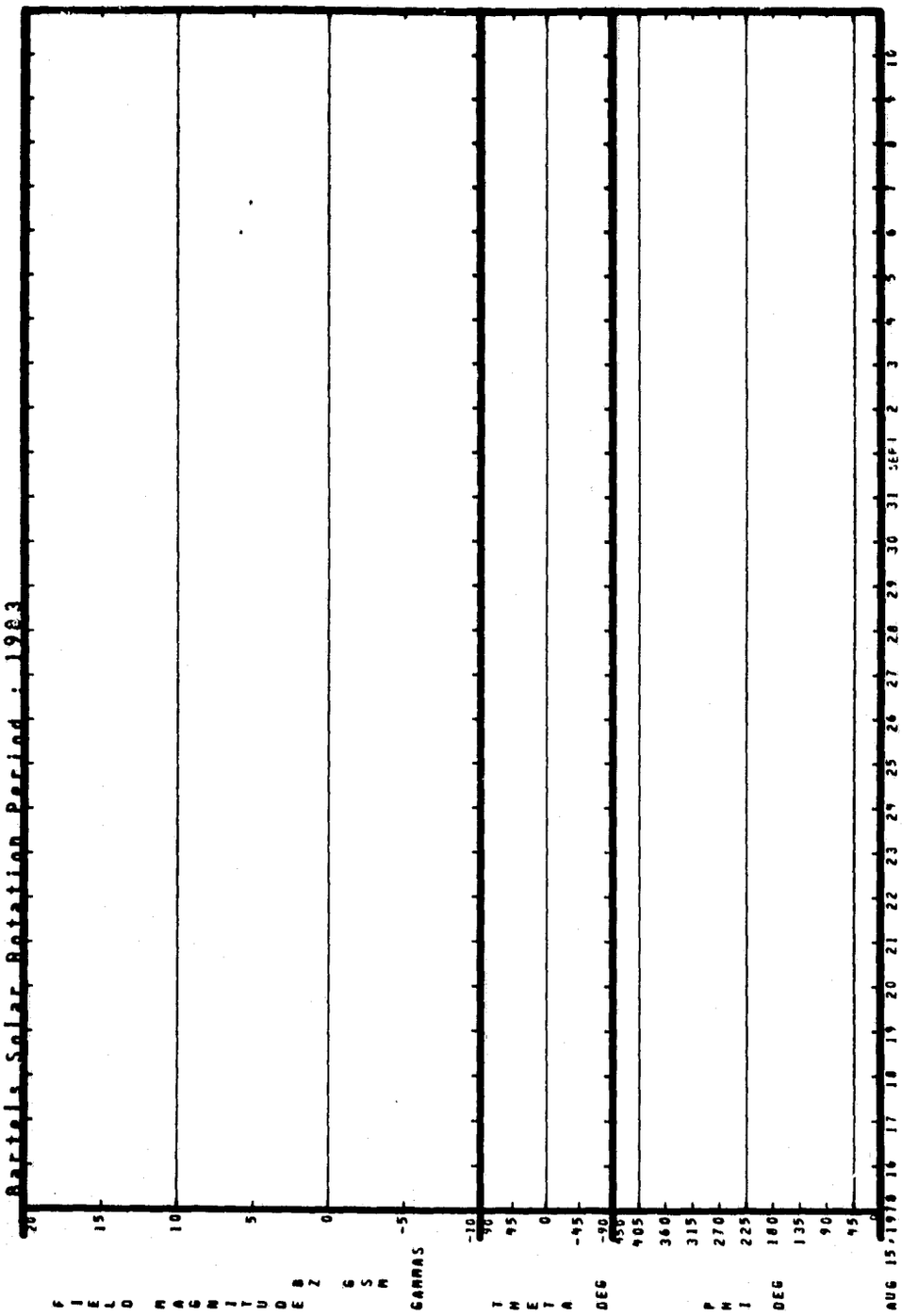


07/19/78 - 08/14/78

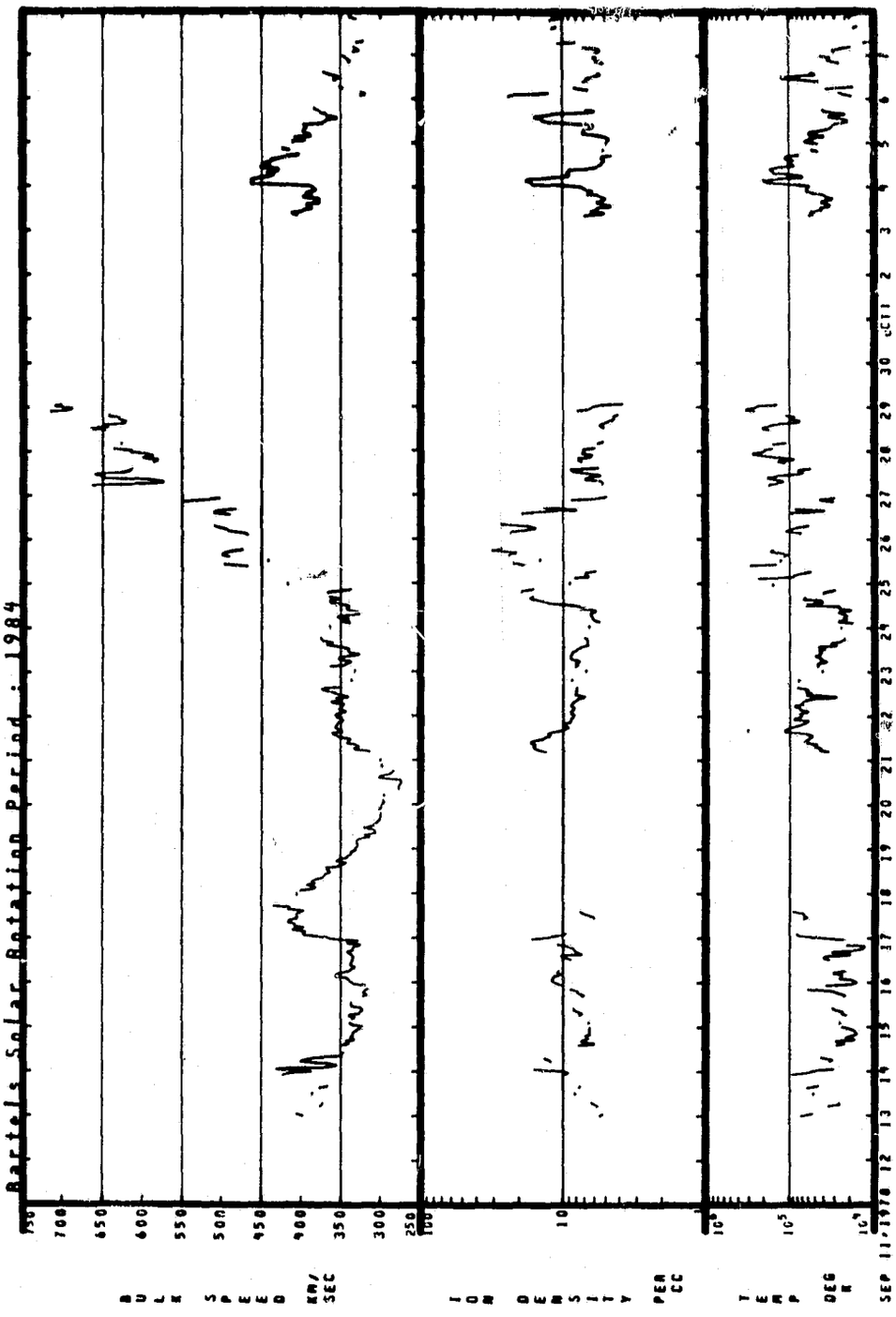


08/15/78 - 09/10/78

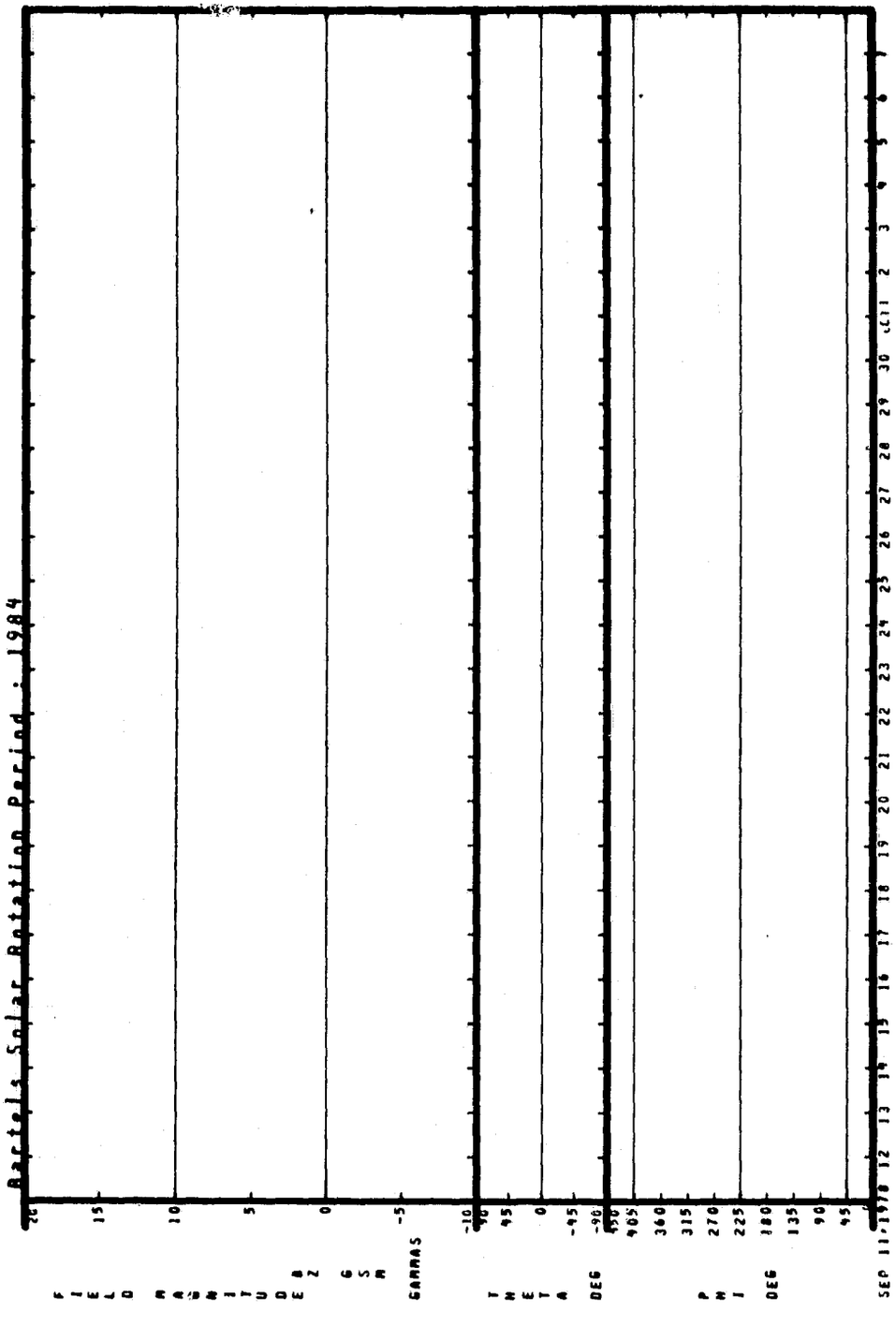



Bartels Solar Rotation Period : 1983
FIELD MAGNITUDE B GSM
GAMMAS
THETA
DEG
PHI
DEG
AUG 15, 1978
SEP 1

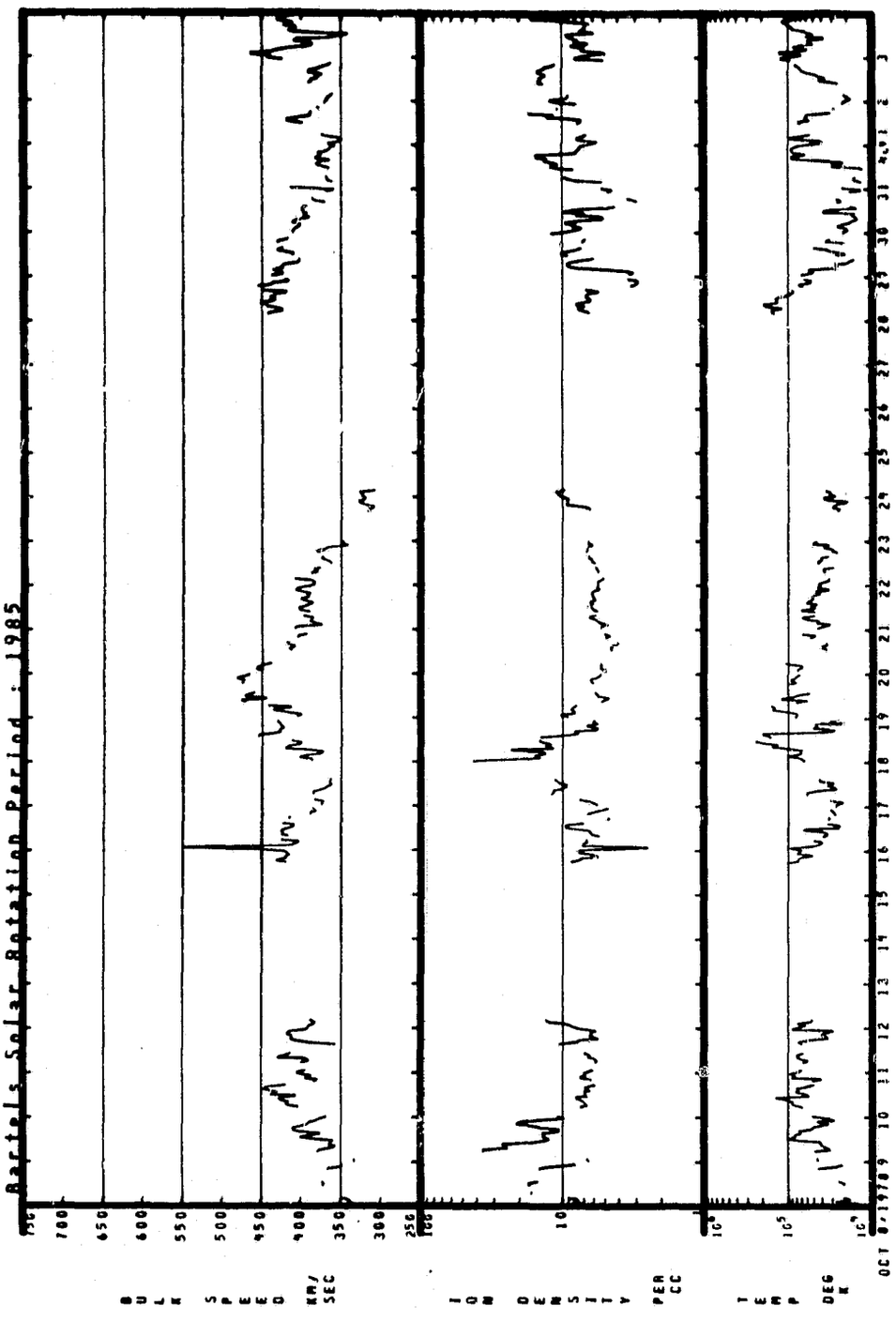
08/11/78 - 10/07/78



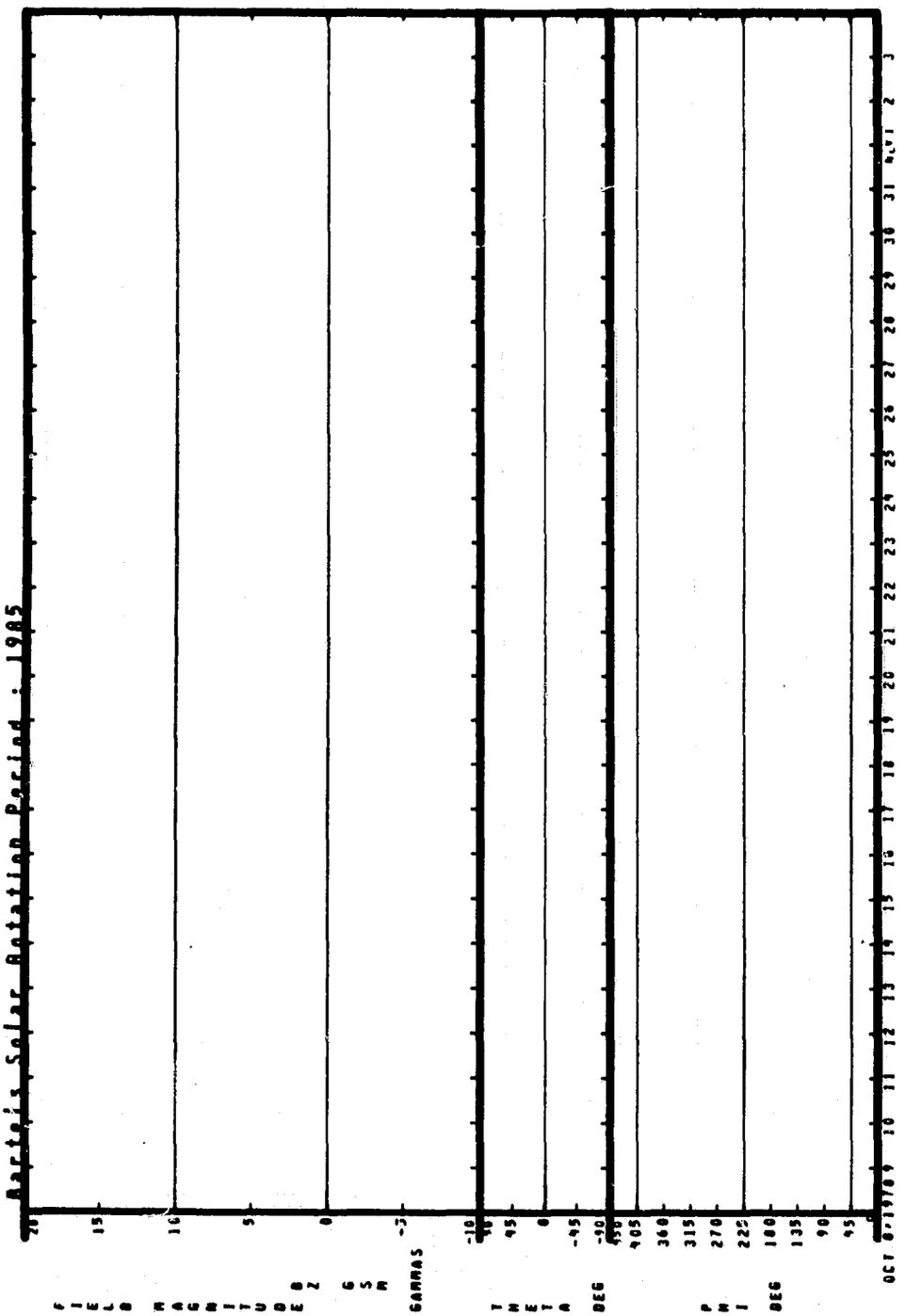
09/11/78 - 10/07/78



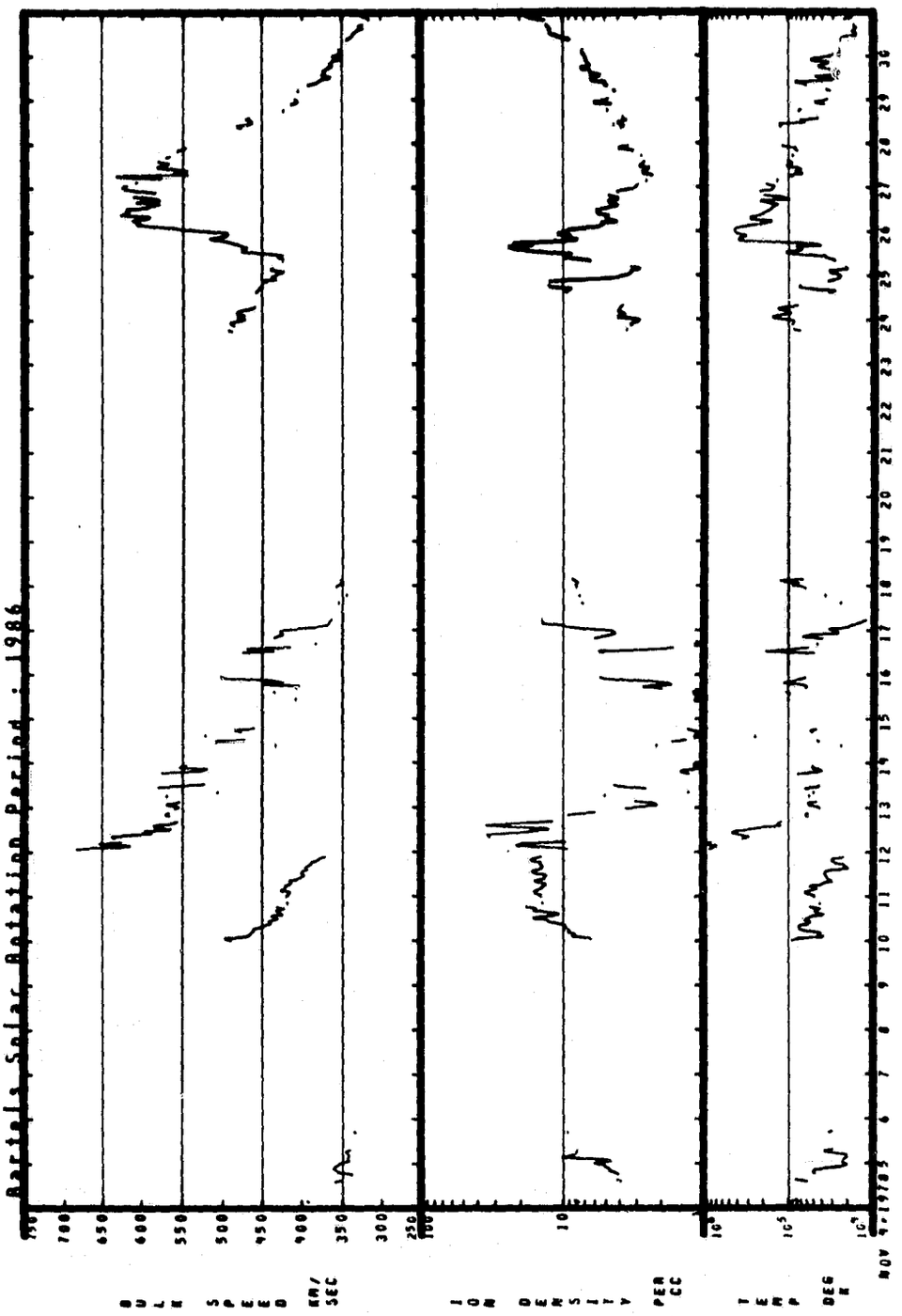
10/08/78 - 11/03/78



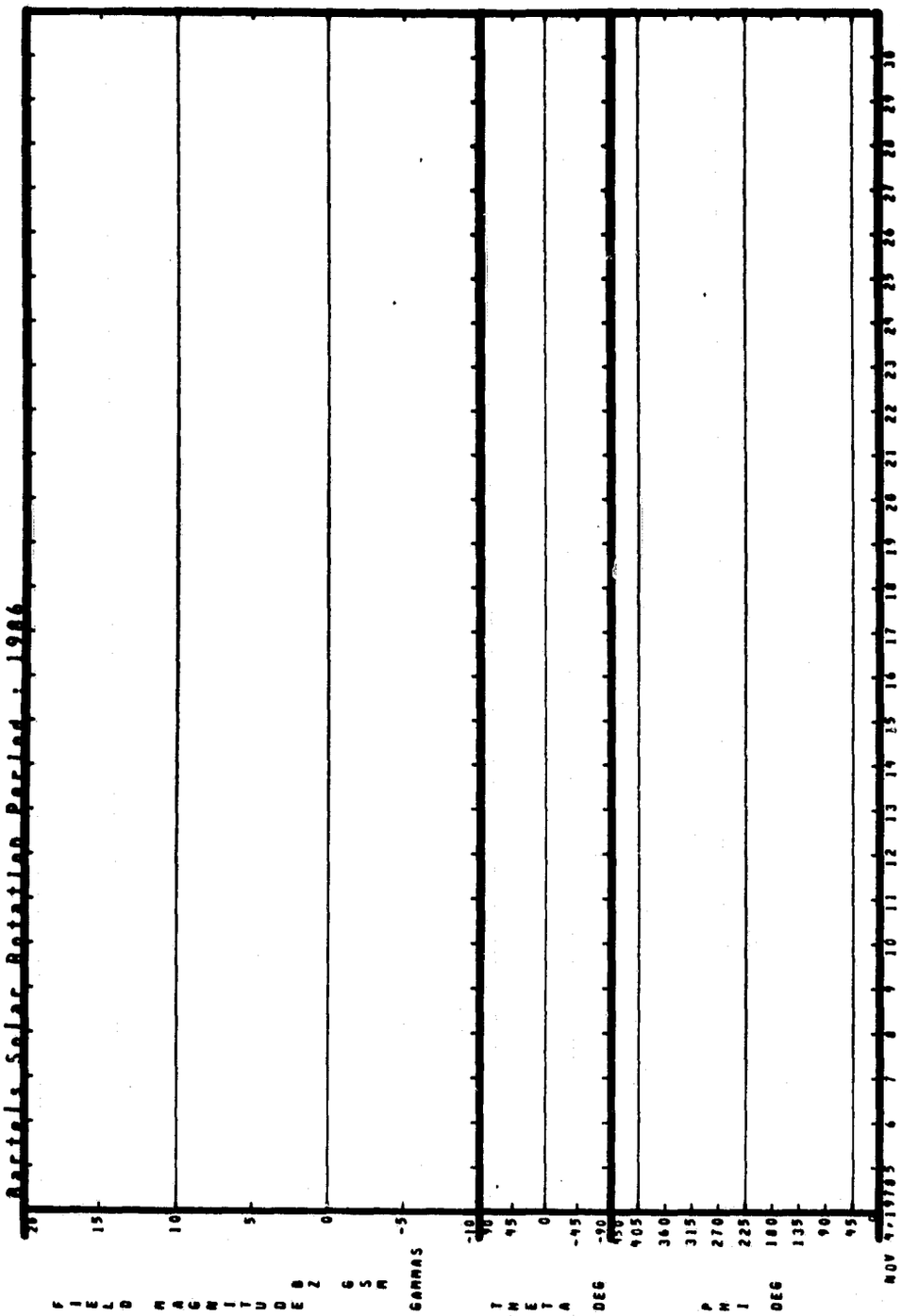
10/08/78 - 11/03/78



11/04/78 - 11/30/78



11/04/78 - 11/30/78



DATA LISTINGS

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 1, 1975							1
1	492	9.2	156	J								
2	475	8.3	121	J								
3	475	8.3	172	J								
4	487	8.5	147	J								
5	512	7.1	152	J								
6	528	5.3	159	J								
7	530	5.0	177	J								
8	530	5.7	170	J								
9	504	5.1	80	J								
10	511	4.9	105	J								
11	529	4.2	156	J								
12	507	4.1	66	J								
13	507	4.5	60	J								
14	503	5.7	76	J								
15	523	5.7	101	J								
16	494	5.2	78	J								
17	489	4.8	80	J								
18	492	5.6	82	J								
19	480	5.2	77	J								
20	468	5.6	66	J								
21	459	5.1	74	J	3.8	34	251	-0.8	-2.8	1.0	2	J
22	466	5.4	70	J	3.9	34	190	-2.8	-1.0	1.7	2	J
23	436	5.6	78	J	3.7	27	299	1.3	-2.4	0.6	2	J
24	428	4.9	48	J	4.4	37	309	2.0	-2.1	1.6	2	J
					JAN. 2, 1975							2
1	416	4.7	42	J	4.1	-14	330	3.4	-1.5	-1.5	1	J
2	410	5.2	31	J	4.2	-11	335	3.6	-1.4	-1.2	1	J
3	408	5.1	31	J	4.4	-8	322	3.4	-2.4	-1.1	1	J
4	403	5.2	35	J	4.6	4	324	3.7	-2.7	-1.1	1	J
5	409	6.0	32	J	4.1	33	304	1.7	-2.8	1.7	2	J
6	403	6.2	30	J	3.7	59	278	0.2	-1.7	2.6	2	J
7	397	6.5	31	J	3.4	46	190	-2.0	-0.3	2.1	2	J
8	380	5.3	41	J	3.3	12	298	1.4	-2.6	0.8	1	J
9	374	6.2	25	J	3.1	7	297	1.3	-2.5	0.7	1	J
10	375	7.0	46	J	3.3	29	263	-0.3	-2.1	1.6	2	J
11	373	6.2	27	J	3.7	14	261	-0.5	-2.9	1.1	2	J
12	359	6.8	48	J	3.9	12	339	2.7	-1.0	0.7	2	J
13	353	7.2	41	J	3.8	6	7	3.5	0.4	0.4	1	J
14	360	8.0	37	J	4.4	-20	18	2.5	0.7	-1.0	3	J
15	373	9.3	38	J	2.0	6	277	0.2	-1.5	0.2	2	J
16	360	9.8	34	J	3.6	8	248	-1.2	-2.8	0.3	2	J
17	362	8.4	30	J	3.9	-2	257	-0.8	-3.4	-0.4	2	J
18	355	8.5	30	J	3.6	0	291	1.2	-3.2	-0.4	1	J
19	350	8.9	51	J	3.5	-21	336	2.9	-1.1	-1.4	1	J
20	351	9.9	44	J	3.3	-16	349	3.0	-0.4	-1.0	1	J
21	353	11.1	27	J	2.6	-4	335	2.3	-1.0	-0.5	0	J
22	350	11.2	22	J	2.3	-1	327	1.9	-1.2	-0.4	0	J
23	348	11.6	23	J	2.1	0	312	1.4	-1.5	-0.5	1	J
24	337	13.7	14	J	1.9	-4	315	1.3	-1.2	-0.5	1	J
					JAN. 3, 1975							3
1	332	14.5	10	J	1.6	1	313	1.0	-1.1	-0.3	1	J
2	334	17.2	11	J	2.0	27	315	1.1	-1.3	0.5	1	J
3	348	20.3	17	J	2.0	30	309	1.0	-1.4	0.6	1	J
4	348	23.5	18	J	2.5	20	25	1.7	0.7	0.8	2	J
5	345	24.3	19	J	3.3	53	358	1.6	-0.3	2.1	2	J
6	354	24.4	19	J	2.3	44	345	1.3	-0.5	1.3	2	J
7	357	31.2	21	J	1.9	-23	81	0.2	1.2	-0.5	1	J
8	370	34.6	23	J	4.4	-40	282	0.1	-0.3	-0.3	5	J
9	387	13.7	148	L								
10	384	13.0	136	L								
11	381	12.6	138	L								
12	386	11.7	126	L								
13	379	12.6	131	L								
14	375	0.0	0	H								
15	376	0.0	0	H								
16	376	0.0	0	H								
17	403	0.0	0	H								
18	413	0.0	0	H								
19	426	15.5	99	L								
20	415	18.6	76	L								
21	410	23.6	69	L								
22	430	21.7	136	L								
23	444	24.8	127	L								
24	498	20.6	255	L								
					JAN. 4, 1975							
1	512	14.2	287	L								
2	508	17.1	343	L								
3	484	16.8	284	L								
4	500	18.2	283	L								
5	519	14.6	316	L								
6	544	12.7	369	L								
7	642	12.7	461	L								
8	647	10.4	446	L								
9	663	10.0	447	L								
10	654	9.6	438	L								
11	671	9.7	383	L								
12	678	8.2	332	L								
13	690	8.5	373	L								
14	643	8.0	322	L								
15	652	7.8	394	L								
16	665	0.0	0	H								
17	690	6.7	335	L								
18	666	7.6	297	L								
19	689	8.3	309	L								
20	688	8.0	348	L								
21	715	6.1	342	L								
22	732	6.1	370	L								
23	735	5.9	361	L								
24	724	5.8	307	L								
					JAN. 5, 1975							5
1	704	5.6	271	L								
2	705	5.8	257	L								
3	707	4.4	275	L								
4	691	4.6	275	L								
5	686	4.4	262	L								
6	708	4.2	243	L								
7	712	4.3	251	L								
8	716	3.7	229	L								
9	708	4.1	257	L								
10	718	3.8	271	L								
11	706	4.2	270	L								
12	703	3.8	286	L								
13	703	3.8	288	L								
14	704	3.8	267	L								
15	691	3.7	219	L								
16	699	3.4	188	L								
17	697	3.6	200	L								
18	702	3.5	184	L								
19	718	3.7	223	L								
20	709	3.7	194	L								
21	676	3.7	187	L								
22	685	3.2	188	L								
23	695	3.8	204	L								
24	702	3.4	218	L								
					JAN. 6, 1975							
1	694	4.0	209	L								
2	676	3.8	203	L								
3	649	3.5	187	L								
4	643	3.9	210	L								
5	646	3.5	202	L								
6	638	3.9	206	L								
7	634	3.8	245	L								
8	632	3.4	210	L								
9	616	3.1	165	L								
10	606	2.9	126	L								
11	624	3.6	72	L								
12	638	4.2	82	L								
13	629	4.8	96	L								
14	632	6.1	118	L								
15	627	6.9	139	L								
16	640	6.2	195	L								
17	634	5.8	237	L								
18	625	6.0	242	L								
19	609	7.1	222	L								
20	608	7.5	256	L								
21	727	12.3	549	L								
22	857	0.0	0	H								
23	812	10.4	698	L								
24	794	8.9	354	L								
					JAN. 7, 1975							7
1	802	15.1	185	L								
2	785	16.3	150	L								
3	788	12.5	159	L								
4	812	3.7	112	L								
5	790	2.9	51	L								
6	766	6.3	109	L								
7	763	4.1	68	L								
8	752	4.9	57	L								
9												
10	715	0.0	0	H								
11	696	0.0	0	H								
12	691	0.0	0	H								
13	677	0.0	0	H								
14	675	0.0	0	H								
15	673	0.0	0	H								
16												
17												
18	601	2.9	184	L								
19	613	2.7	171	L								
20												
21												
22	634	0.9	221	L								
23	628	1.4	193	L								
24	700	3.7	420	L								
					JAN. 8, 1975							
1	697	5.2	387	L								
2	733	6.5	374	L								
3	731	10.9	488	L								
4	732	16.8	407	L								
5	761	10.3	399	L								
6	759	10.5	261	L								
7	737	4.9	128	L								
8	726	7.9	108	L								
9	742	5.9	141	L								
10	748	0.0	0	H								
11												
12												
13												
14												
15												
16												
17												
18	636	7.2	41	L								
19	637	5.2	35	L								
20	630	13.5	56	J								
21	622	5.5	18	L								
22	613	10.4	44	J								
23	601	10.0	50	J								

01/09/75 - 01/16/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					JAN. 9, 1975						9						JAN. 10, 1975						10	
1	599	10.3	42	J									468	5.0	46	J								
2	590	9.3	38	J									447	3.4	58	J								
3	579	9.3	44	J									455	3.5	64	J								
4	573	8.4	49	J									455	3.4	52	J								
5	569	9.6	51	J									463	3.8	53	J								
6	564	11.4	48	J									469	3.9	64	J								
7	548	9.7	45	J									460	3.5	60	J								
8	547	7.2	37	J									515	4.3	135	J								
9	537	6.7	35	J									499	3.9	130	J								
10	528	7.3	36	J									523	4.1	136	J								
11	532	7.0	35	J									508	4.1	102	J								
12	518	7.5	39	J									505	4.1	60	J	7.4	2	189	-7.0	-1.1	0.3	2	J
13	513	6.7	43	J									497	3.9	58	J	7.9	18	177	-7.3	0.5	2.4	1	J
14	504	6.2	44	J									498	3.8	60	J	7.4	21	161	-6.2	2.1	2.5	2	J
15	505	6.0	44	J									515	3.5	70	J	7.4	28	170	-6.3	1.0	3.4	2	J
16	488	6.1	41	J									506	3.3	58	J	7.1	21	171	-6.5	0.8	2.6	1	J
17	501	6.1	43	J									513	3.3	78	J	6.4	21	156	-5.5	2.1	2.6	1	J
18	483	5.6	38	J									505	2.9	54	J	6.2	17	158	-5.4	1.8	2.2	1	J
19	479	6.0	41	J									506	2.4	59	J	5.7	7	154	-4.8	2.2	1.2	2	J
20	478	4.7	39	J									499	2.4	52	J	5.5	0	154	-4.5	2.1	0.6	1	J
21	470	4.9	44	J									485	2.3	47	J	4.7	-9	154	-3.8	2.0	-0.1	1	J
22	467	5.1	48	J									461	2.2	52	J	5.6	7	143	-4.2	2.8	1.7	1	J
23	468	4.0	42	J									453	2.0	43	I	5.4	-12	148	-4.1	2.8	-0.0	1	J
24	463	4.5	48	J									449	2.1	38	?	5.0	-19	152	-3.8	2.4	-0.7	1	J
					JAN. 11, 1975						11						JAN. 12, 1975						12	
1	439	2.4	46	J	4.6	-21	154	-3.5	2.1	-0.8	1	J					4.3	-37	151	-2.7	2.2	-1.6	2	J
2	438	2.8	32	J	5.3	-12	106	-1.3	4.5	0.5	2	J	371	5.5	20	J	4.3	-32	151	-2.7	2.0	-1.3	2	J
3	421	3.4	42	J	5.0	-48	122	-1.6	3.4	-2.4	2	J	373	6.5	24	J	4.3	-37	148	-2.6	2.3	-1.7	2	J
4	396	2.8	39	J	5.2	6	133	-3.3	3.4	1.3	2	J	370	6.8	21	J	4.3	-10	135	-2.8	2.9	-0.0	2	J
5	387	3.0	38	J	4.9	-16	144	-3.3	2.6	-0.8	2	J	367	6.8	22	J	4.4	20	136	-2.7	2.3	1.8	2	J
6	378	2.9	42	J	4.8	-2	146	-3.7	2.5	0.1	1	J					4.3	46	142	-2.2	1.4	3.1	1	J
7	380	2.8	42	J	4.6	-11	143	-3.3	2.5	-0.7	1	J	370	7.3	30	J	3.9	29	156	-2.9	1.2	1.8	2	J
8	374	3.0	37	J	4.8	-13	152	-3.8	2.0	-1.0	2	J	370	7.5	26	J	3.6	30	144	-2.4	1.7	1.7	1	J
9	383	3.4	46	J	5.4	-26	137	-3.3	3.0	-2.3	2	J	369	6.9	27	J	3.6	34	134	-1.8	1.9	1.8	2	J
10	388	3.5	55	J	5.5	-23	145	-3.7	2.5	-2.0	2	J	372	7.7	21	J	3.8	32	112	-1.0	2.5	1.5	2	J
11	393	4.2	93	J	5.0	-26	153	-3.5	1.7	-2.0	2	J	376	8.3	27	J	3.9	15	82	0.5	3.3	0.7	2	J
12	401	3.9	74	J	5.3	17	140	-3.7	3.2	1.3	2	J	365	7.8	23	J	3.7	46	126	-1.2	1.8	2.1	2	J
13					5.3	19	152	-4.3	2.4	1.6	2	J	364	7.0	21	J	4.2	61	172	-1.9	0.4	3.5	1	J
14					4.6	69	2	1.2	-0.0	3.1	3	J	358	6.5	21	J	4.4	63	208	-1.8	-0.9	3.9	1	J
15					4.5	36	143	-2.6	1.9	2.5	2	J	354	7.3	24	J	4.5	62	214	-1.7	-1.4	3.8	1	J
16													353	8.2	28	J	5.1	60	202	-2.3	-1.3	4.2	1	J
17	370	3.9	29	J	4.4	-8	163	-3.8	1.3	-0.4	2	J	354	10.9	40	J	6.3	29	181	-4.7	-0.5	2.6	3	J
18	377	4.1	32	J	4.5	8	143	-2.7	1.9	0.9	3	J	361	12.6	38	J	7.7	-16	139	-5.4	5.0	-1.1	2	J
19	386	4.2	43	J	4.6	-2	121	-2.1	3.3	0.7	2	J	378	18.1	40	J	9.0	7	129	-5.0	5.8	2.5	4	J
20	383	4.4	54	J	4.5	-1	106	-1.1	3.7	1.0	2	J	394	24.3	45	J	9.7	-7	118	-3.3	6.1	0.9	7	J
21	393	4.2	32	J	4.3	22	104	-0.9	2.8	2.5	2	J	396	25.0	25	J	11.0	69	325	2.7	-4.6	7.4	6	J
22	377	4.3	34	J	4.5	2	124	-2.2	3.1	1.2	2	J	410	18.4	44	J	10.0	51	322	4.8	-6.2	5.7	2	J
23	380	4.4	33	J	4.4	-21	124	-2.0	3.2	-0.3	2	J	424	16.7	62	J	10.5	51	314	4.3	-7.0	5.5	4	J
24					4.3	-26	135	-2.4	2.9	-0.7	2	J	448	19.6	201	J	9.3	55	316	2.1	-3.5	3.2	8	J
					JAN. 13, 1975						13						JAN. 14, 1975						14	
1	432	23.2	248	J	9.6	-28	316	4.9	-3.1	-5.0	6	J	629	6.4	182	J	9.4	12	333	6.4	-3.6	0.2	6	J
2	430	25.0	177	J	12.3	11	305	4.2	-6.1	-0.7	10	J	640	7.2	256	J	9.9	7	317	6.2	-5.8	-1.0	5	J
3	429	25.5	146	J	12.6	39	308	3.4	-5.5	3.0	11	J	664	6.6	271	J	9.4	-18	304	3.8	-4.8	-3.8	6	J
4	430	22.7	120	J	14.2	-1	311	7.7	-8.5	-2.3	8	J	636	5.9	185	J	8.5	1	335	6.2	-2.8	-0.6	5	J
5	494	14.9	201	J	12.9	-11	304	6.4	-8.9	-3.9	5	J	643	6.5	254	J	8.7	-35	11	5.4	1.7	-3.5	5	J
6	483	13.4	195	J	13.6	16	299	5.8	-10.8	2.1	5	J	674	5.9	275	J	7.9	17	276	0.7	-6.5	1.1	4	J
7	525	13.9	250	J	12.8	-10	300	4.9	-8.3	-2.3	8	J	647	6.1	279	J	7.3	-2	307	4.0	-5.3	-0.6	3	J
8	515	12.2	175	J	11.7	-26	324	8.3	-5.9	-5.1	3	J	632	6.1	222	J	7.2	1	321	5.2	-4.2	-0.0	3	J
9	524	10.2	170	J	13.6	-38	298	4.7	-9.0	-7.7	5	J	649	7.1	323	J	7.5	-18	339	4.8	-1.8	-1.7	5	J
10	520	9.7	124	J	13.1	23	315	6.9	-6.7	4.4	8	J	673	5.8	354	J	7.2	-6	329	4.3	-2.6	-0.4	5	J
11	510	10.2	163	J	12.1	6	308	6.5	-8.2	1.5	6	J	715	4.7	410	J	7.4	5	308	3.6	-4.6	0.7	5	J
12	497	11.3	187	J	11.2	30	330	5.4	-3.0	3.7	9	J	720	4.1	314	J	8.6	-17	309	4.5	-5.7	-2.0	4	J
13	524	10.6	175	J	12.1	-24	328	8.7	-5.6	-4.5	5	J	700	4.4	237	J	8.4	-30	324	5.6	-4.1	-4.0	3	J
14	548	10.2	156	J	12.1	-14	326	9.1	-6.1	-2.8	4	J	688	4.2	156	J	7.9	-28	344	5.9	-1.6	-3.3	4	J
15	562	9.3	181	J	11.3	-3	328	8.1	-5.1	-0.8	6	J	694	4.3	174	J	7.5	-48	3	4.4	0.5	-4.9	4	J
16	569	8.4	196	J	9.7	37	341	6.2	-2.6	4.7	5	J	682	3.9	241	J	6.4	-34	40	3.4	3.1	-2.7	3	J
17	576	8.3	222	J	10.1	3	316	6.4	-6.2	-0.5	5	J	681	3.8	214	J	5.3	-43	316	2.3	-1.7	-3.2	3	J
18	580	7.9	216	J	10.0	-6	319	6.8	-5.6	-2.2	4	J	676	3.9	219	J	4.9	-48	58	1.3	2.7	-2.3	3	J
19	600	7.6	239	J	9.6	-1	322	6.3	-4.7	-1.3	5	J	677	3.6	186	J	5.1	-72	17	1.0	1.1	-3.0	4	J
20	623	7.6	290	J	9.3	-9	330	6.6	-3.3	-2.3	5	J	655	3.7	187	J	5.2	-25	294	1.7	-3.0	-3.0	2	J
21	660	7.7	296	J	9.3	-15	314	4.5	-3.9	-3.2	6	J	668	4.1	170	J	4.9	-77	145	-0.8	2.0	-3.8	2	J
22	649	7.6	245	J	9.7	21	314	5.4	-6.3	0.8	5	J	657	4.1	160	J	4.3	-64	168	-0.7	0.7	-1.3	4	J
23	652	7.0	260	J	10.1	7	301	4.6	-7.6	-1.9	5	J	653	4.1	170	J	4.3	-74	261	-0.1	0.3	-2.9	3	J
24	660	6.8	252	J	10.6	24	284	2.0	-8.9	0.4	5	J	650	4.1	232	J	4.2	-33	316	1.5	-0.9	-1.9	3	J
					JAN. 15, 1975						15						JAN. 16, 1975						16	
1	665	4.3	198	J	4.7	-49	296	0.5	-0.5	-1.7	4	J	591	0.0	0	H								
2	650	5.0	240	J	3.7	-17	302	1.4	-1.9	-1.5	3	J	613	0.0	0	H								
3	625	4.4	84	J	5.5	15	339	4.7	-2.1	0.7	2	J	633	0.0	0	H								
4	629	4.5	120	J	5.7	14	328	4.1	-2.8	0.5	3	J	636	3.7	197	L								
5	635	4.6	200	J	6.3	-1	342	5.7	-1.8	-0.5	2	J	635	4.0	212	L								
6	635	4.5	148	J	6.9	19	1	6.1	-0.2	2.1	2	J	627	4.1	216	L								
7	629	4.5	148	J	7.5	19	21	6.4	2.2	2.5	2	J	648	3.9	209	L								
8	634	5.0	179	J	7.6	21	348	6.8	-1.5	2.7	2	J	640	4.1	222	L								
9	662	6.0	340	J	7.4	27	343	5.5	-1.7	2.9	4	J	673	4.3	207	L								
10	665	6.6	358	J	7.7	18	325	5.4	-3.7	2.3	3	J	666	4.4	188	L								
11	676	4.7	226	J	8.6	18	331	6.6	-3.5	2.5	3	J	669	4.1	177	L								
12	694	5.0	296	L																				
13	671	7.5	385	L									690	0.0	0	H								
14	649	7.3	379	L																				
15	641	7.2	383	L																				
16	649	7.5	434	L																				
17	622	7.5	479	L																				
18	614	7.3	484	L									704	4.6	266	L								
19	594	7.7	465	L									703	4.6	270	L								
20	590	9.5	444	L									719	4.8	295	L								
21	587	9.4	346	L									724	4.5	270	L								
22	568	8.1	357	L									721	4.4	278	L								
23	572	0.0	0	H									742	4.5	269	L								
24	590	0.0	0	H									728	4.9	254	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 17, 1975							17
1	715	3.8	230	L								
2	678	5.0	243	L								
3	721	4.0	276	L								
4	722	4.2	260	L								
5	755	3.8	264	L								
6	756	4.1	289	L								
7	761	3.7	278	L								
8	742	3.9	256	L								
9	748	3.7	256	L								
10	752	3.4	242	L								
11	753	3.4	247	L								
12	748	3.4	232	L								
13	744	3.4	214	L								
14	692	2.8	146	L								
15	690	2.9	165	L								
16	669	2.9	179	L								
17	680	3.0	183	L								
18	681	3.0	192	L								
19	674	3.0	189	L								
20	688	3.3	196	L								
21	695	3.3	195	L								
22	737	3.4	255	L								
23	738	3.6	288	L								
24	750	3.0	248	L								
					JAN. 18, 1975							18
1	728	3.2	255	L								
2	728	3.5	249	L								
3	727	3.3	242	L								
4	732	3.4	227	L								
5	732	3.1	215	L								
6	709	3.3	196	L								
7	710	3.3	192	L								
8	718	3.2	193	L								
9	697	3.2	177	L								
10	686	3.8	169	L								
11	662	4.3	202	L								
12	680	3.7	188	L								
13	670	4.0	200	L								
14	677	4.1	194	L								
15	673	4.2	193	L								
16	663	3.9	195	L								
17	658	4.1	177	L								
18	658	3.6	182	L								
19												
20												
21	628	4.0	182	L								
22	621	3.3	181	L								
23	611	3.4	172	L								
24	600	3.3	156	L								
					JAN. 19, 1975							19
1	608	4.0	172	L								
2	630	3.7	146	L								
3	623	3.7	133	L								
4	620	3.9	162	L								
5	621	4.1	154	L								
6	617	0.0	70	H								
7	617	3.8	193	L								
8	609	0.0	0	H								
9	636	5.3	177	L								
10	634	4.8	182	L								
11	621	0.0	0	H								
12	624	4.0	188	L								
13	626	0.0	0	H								
14	628	3.5	194	L								
15	620	3.2	151	L								
16	605	3.5	153	L								
17	607	3.2	154	L								
18	597	3.2	142	L								
19	571	2.5	93	L								
20	560	2.8	81	L								
21	551	2.7	94	L								
22	562	2.9	96	L								
23	555	3.4	91	L								
24	571	3.6	95	L								
					JAN. 20, 1975							20
1	559	3.4	90	L								
2	564	3.9	106	L								
3	576	4.1	110	L								
4	567	4.1	127	L								
5	567	4.9	127	L								
6	561	0.0	0	H								
7												
8	562	0.0	0	H								
9	538	6.5	90	L								
10	534	5.1	117	L								
11	529	5.1	105	L								
12	522	5.3	99	L								
13	497	0.0	0	H								
14												
15												
16	507	0.0	0	H								
17	505	0.0	0	H								
18	516	0.0	0	H								
19												
20	507	0.0	0	H								
21	492	0.0	0	H								
22	509	5.8	67	L								
23	500	6.9	88	L								
24	510	7.0	87	L								
					JAN. 21, 1975							21
1	505	6.2	95	L								
2	490	6.2	89	L								
3	484	6.4	75	L								
4	470	5.1	64	L								
5	449	4.4	59	L								
6	444	4.3	76	L								
7	461	0.0	0	H								
8	434	3.8	73	L								
9	432	3.9	70	L								
10	453	0.0	0	H								
11	466	0.0	0	H								
12												
13												
14												
15												
16	410	4.8	64	L								
17	425	5.9	66	L								
18	415	5.8	72	L								
19	414	5.5	67	L								
20	410	5.3	68	L								
21	407	5.5	69	L								
22	406	5.5	68	L								
23												
24												
					JAN. 22, 1975							22
1	397	3.7	50	L								
2	393	4.1	55	L								
3	390	4.8	51	L								
4	392	6.0	58	J								
5	393	6.0	64	J								
6	390	6.0	59	J								
7	397	6.3	43	J								
8	395	5.6	50	J								
9	388	6.0	42	J								
10	386	6.3	46	J								
11	386	8.4	43	J								
12	380	7.6	44	J								
13	378	7.9	39	J								
14	381	10.0	41	J								
15	378	12.7	35	J								
16	385	10.1	34	J								
17	390	8.9	30	J	5.3	-45	236	-1.9	-2.1	-4.0	2	J
18	382	10.1	36	J	5.3	-50	284	0.7	-1.7	-4.0	3	J
19	372	11.3	32	J	5.7	-35	351	3.6	0.2	-2.7	4	J
20	379	10.2	26	J	7.2	27	287	1.7	-6.3	0.8	2	J
21	386	11.3	36	J	5.7	-1	289	1.5	-4.0	-1.8	3	J
22	391	10.4	37	J	6.0	-20	286	1.4	-3.7	-3.7	3	J
23	389	9.2	31	J	6.4	-29	288	1.6	-3.3	-4.9	2	J
24	388	9.1	34	J	6.2	-19	287	1.7	-4.2	-4.2	1	J
					JAN. 23, 1975							23
1	386	9.6	42	J	5.9	-17	304	3.2	-3.6	-3.5	1	J
2	391	14.8	36	J	4.1	44	313	1.5	-2.3	1.4	3	J
3	392	13.7	41	J	4.4	67	322	1.2	-2.2	3.1	2	J
4	398	15.5	38	J	3.4	-31	315	1.4	-1.0	-1.6	3	J
5	407	21.7	20	J	3.4	2	95	-0.2	2.4	0.7	2	J
6	407	22.5	20	J	3.4	22	125	-1.1	1.3	1.0	3	J
7	409	23.8	23	J	3.0	-13	110	-0.6	1.6	-0.2	3	J
8	417	13.6	46	J	5.5	15	109	-1.7	4.7	1.8	2	J
9	416	11.8	75	J	5.8	3	98	-0.8	5.4	0.6	2	J
10	424	10.3	91	J	4.9	28	103	-0.9	3.6	2.1	3	J
11	418	10.1	129	J	4.8	-6	103	-0.9	3.9	-0.3	3	J
12	408	11.6	94	J	4.5	-40	142	-2.2	1.8	-2.3	3	J
13	419	12.1	147	J	5.7	-10	106	-1.4	4.7	-0.7	3	J
14	424	12.1	90	L	7.1	-28	113	-2.0	4.8	-2.3	4	J
15	427	12.2	100	L	5.6	19	149	-4.0	2.2	1.9	3	J
16	421	12.0	109	L								
17	429	11.7	123	L								
18	431	10.5	120	L								
19	431	10.7	111	L	7.4	-21	100	-1.1	6.4	-0.3	4	J
20	444	10.5	97	L								
21	461	9.9	150	L	6.7	-17	84	0.5	4.8	0.5	5	J
22	436	11.7	155	L	6.8	-24	116	-2.2	4.9	-0.2	4	J
23	421	10.8	143	L	8.2	-39	170	-5.8	3.0	-3.9	3	J
24	421	11.3	144	L	7.5	-37	180	-5.8	1.9	-3.9	2	J
					JAN. 24, 1975							24
1					7.0	-45	115	-0.6	1.8	-0.7	7	J
2					9.1	-3	75	2.1	7.3	2.7	4	J
3												
4					5.8	0	55	2.8	3.7	1.2	3	J
5					5.3	-8	151	-3.6	2.1	-0.1	3	J
6	411	15.4	87	J	6.7	54	147	-3.0	0.9	5.2	3	J
7	399	13.0	92	J	7.2	33	165	-5.7	0.9	4.0	2	J
8	390	11.7	102	J	6.6	3	187	-6.3	-0.8	0.2	2	J
9	398	11.6	89	J	6.1	-24	161	-4.5	1.6	-2.0	3	J
10	408	10.7	80	J	5.5	-14	121	-2.3	3.8	-1.0	3	J
11	414	9.4	78	J	5.1	-42	119	-1.3	2.5	-2.4	4	J
12	409	8.7	66	J	4.9	-7	106	-1.1	3.9	-0.4	3	J
13	399	8.2	66	J	5.1	19	148	-3.7	2.2	1.6	2	J
14	395	7.9	69	J	5.1	16	158	-4.0	1.5	1.3	2	J
15	389	7.9	84	J	5.1	10	173	-4.7	0.5	0.9	2	J
16	396	7.5	63	J	5.1	-33	160	-3.5	1.7	-2.2	2	J
17	405	7.1	46	J	5.1	-40	106	-1.0	4.2	-2.2	1	J
18	401	7.2	48	J	4.6	-15	113	-1.6	4.0	-0.0	2	J
19	397	7.0	45	J	4.7	-33	112	-1.3	3.6	-1.1	3	J
20	408	6.2	38	J	4.8	-25	56	2.3	4.0	-0.5	1	J
21	390	6.8	47	J	4.2	-12	100	-0.6	3.7	0.7	2	J
22	376	6.7	40	J	4.0	-3	121	-2.0	3.1	1.2	1	J
23	377	7.2	33	J	3.8	16	102	-0.7	3.3	0.6	2	J
24	375	7.2	41	J	3.7	-15	135	-2.4	2.6	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	SG	IMF SC
					JAN. 25, 1975							25
1	373	7.1	29	J	3.6	-25	128	-1.9	2.8	-0.2	1	J
2	378	6.2	28	J	3.5	-1	98	-0.4	3.0	1.2	1	J
3	372	8.4	23	J	3.3	-1	91	-0.1	3.0	1.1	1	J
4	369	7.7	22	J	3.1	-2	94	-0.2	2.8	0.8	1	J
5	365	7.6	28	J	3.1	2	107	-0.8	2.6	0.8	1	J
6	359	7.6	32	J	2.9	-42	129	-1.1	1.7	-1.3	2	J
7	357	8.4	28	J	2.7	5	122	-1.2	1.8	0.5	2	J
8	346	9.5	35	J	2.7	-25	157	-2.3	1.1	-1.0	1	J
9	335	12.2	19	J	1.7	-26	166	-1.5	0.4	-0.7	1	J
10	334	13.0	13	J	1.8	-22	167	-1.5	0.4	-0.6	1	J
11	334	13.6	12	J	1.8	-24	178	-1.6	0.1	-0.7	1	J
12	334	15.3	12	J	1.5	-29	188	-1.1	-0.2	-0.6	1	J
13	336	17.4	14	J	1.8	-46	303	0.3	-0.5	-0.6	2	J
14	341	15.9	22	J	2.4	-60	287	0.3	-0.9	-2.1	1	J
15	341	15.9	24	J	3.2	-6	241	-1.4	-2.5	-0.6	1	J
16	343	17.6	25	J	3.9	-18	229	-1.9	-2.0	-1.3	3	J
17	343	18.1	23	J	5.1	-80	27	0.7	1.2	-3.9	3	J
18	343	18.1	24	J	3.4	-4	91	0.0	1.5	0.3	3	J
19	344	17.4	25	J	3.3	38	92	-0.1	1.4	2.2	2	J
20	340	15.1	25	J	3.4	-51	50	1.1	2.0	-1.5	2	J
21	349	12.5	34	J	4.1	26	155	-3.1	0.6	2.1	2	J
22	351	12.5	34	J	4.1	3	130	-2.3	2.4	1.4	2	J
23	349	14.6	31	J	4.0	-20	81	0.6	3.8	0.4	1	J
24	347	13.6	31	J	4.2	-76	62	0.5	2.5	-3.1	1	J
					JAN. 26, 1975							26
1	350	13.4	28	J	4.4	-62	318	1.4	0.4	-3.6	2	J
2	347	17.5	24	J	2.9	-82	27	0.3	1.2	-2.1	2	J
3	345	19.3	22	J	3.7	-17	109	-1.1	3.3	0.3	1	J
4	342	21.1	19	J	2.2	10	99	-0.3	1.8	1.0	1	J
5	34[illegible]	17.9	33	J	3.0	33	145	-1.4	0.7	1.3	2	J
6	33[illegible]	16.0	29	J	3.8	-25	110	-1.1	3.1	-0.8	2	J
7	341	17.0	23	J	2.7	-17	93	-0.1	2.4	-0.3	1	J
8	340	19.0	20	J	2.0	-2	101	-0.3	1.8	0.1	1	J
9	340	22.5	24	J	1.6	15	242	-0.5	-0.9	0.2	1	J
10	337	20.6	14	J	2.9	1	268	-0.1	-2.8	-0.1	1	J
11	341	16.7	22	J	3.9	-33	22	2.3	1.0	-1.6	3	J
12	344	15.0	20	J	4.5	-32	23	3.4	1.6	-2.2	1	J
13	343	16.0	20	J	4.6	-15	45	2.8	2.9	-0.9	2	J
14	345	15.5	23	J	4.4	-4	79	0.6	3.0	0.1	3	J
15	346	17.2	20	J	3.3	-12	85	0.2	2.7	-0.2	2	J
16	344	17.8	16	J	2.9	-52	38	1.3	1.3	-1.6	1	J
17	345	19.7	19	J	2.3	-10	81	0.3	1.9	0.1	1	J
18	343	19.5	18	J	2.6	-16	114	-1.0	2.3	-0.0	1	J
19	341	21.4	21	J	2.7	-12	118	-1.1	2.2	0.3	1	J
20	338	24.3	20	J	2.7	-8	146	-1.5	1.0	0.1	2	J
21	341	24.1	19	J	3.3	1	116	-1.2	2.2	1.0	2	J
22	347	18.2	27	J	5.5	-6	114	-2.1	4.4	1.5	2	J
23	347	20.1	29	J	4.1	23	137	-2.6	1.5	2.4	1	J
24	348	19.5	33	J	4.3	26	151	-3.1	0.7	2.4	1	J
					JAN. 27, 1975							27
1	352	22.8	39	J	5.1	3	144	-3.9	2.4	1.5	2	J
2	362	30.4	30	J	4.4	-26	126	-2.0	3.3	-0.4	2	J
3	362	40.3	23	J	2.5	20	120	-1.1	1.6	1.5	1	J
4	366	45.8	27	J	3.1	43	308	0.3	-0.5	0.3	3	J
5	370	44.1	34	J	5.3	35	293	1.5	-4.2	1.7	3	J
6	371	56.1	25	J	6.6	-72	258	-0.3	-0.4	-4.2	6	J
7	390	21.6	82	J	12.0	13	316	5.1	-5.1	0.8	10	J
8	389	21.7	108	J	10.4	29	43	5.9	5.0	5.1	5	J
9	390	16.6	108	J	9.3	-26	345	5.6	-1.3	-2.9	7	J
10	408	14.9	85	J	10.2	-50	297	2.8	-5.2	-7.7	3	J
11	410	15.1	86	J	9.5	-25	295	3.5	-7.3	-4.1	3	J
12	411	16.9	84	J	9.4	-24	312	5.3	-5.6	-3.8	4	J
13	419	15.9	109	J	8.6	-9	322	4.8	-3.7	-1.3	6	J
14	428	14.4	90	J	8.7	53	349	3.6	-1.2	4.8	3	J
15	426	14.5	109	J	8.2	11	317	5.5	-5.4	0.8	3	J
16	451	15.4	148	J	7.7	-62	245	-1.0	-1.3	-4.8	6	J
17	480	12.5	176	J	7.4	30	319	2.4	-2.4	1.3	7	J
18	480	11.3	151	J	8.9	16	332	7.1	-4.3	1.1	3	J
19	486	9.6	131	J	10.2	-16	302	4.8	-6.4	-5.0	4	J
20	486	9.1	140	J	9.8	-1	338	5.8	-6.9	-3.0	2	J
21	466	9.4	100	J	8.8	12	342	7.4	-2.9	0.6	4	J
22	457	8.8	99	J	8.8	-6	337	7.9	-2.7	-2.3	2	J
23	461	9.3	119	J	8.4	-19	336	6.9	-1.6	-3.7	3	J
24	479	10.0	140	J	8.4	-32	29	4.5	3.7	-1.7	6	J
					JAN. 28, 1975							28
1	477	8.2	128	J	8.8	-24	318	5.8	-3.2	-5.5	2	J
2	477	8.1	149	J								
3	486	7.6	134	J								
4	502	9.2	137	J								
5	516	8.8	130	J								
6	502	8.6	96	J								
7	492	8.3	79	J								
8	489	8.0	99	L								
9	484	6.2	94	L								
10	471	6.6	84	L								
11	473	7.0	89	L								
12	481	7.7	101	L								
13	476	7.5	93	L								
14	472	7.8	94	L								
15	467	7.7	87	L								
16	464	7.3	72	L								
17	467	6.9	74	L								
18	466	7.1	61	L								
19	464	6.7	57	L								
20	450	6.3	54	L								
21	433	7.4	58	L								
22	432	10.2	61	L								
23	434	10.9	58	L								
24	429	9.8	57	L								
					JAN. 29, 1975							29
1	418	15.2	45	L								
2	409	20.7	31	L								
3	402	24.2	30	L								
4	400	24.4	31	L								
5	392	26.1	28	L								
6	385	28.3	32	L								
7	386	28.1	38	L								
8	382	20.8	51	L								
9	374	20.4	49	L								
10	373	21.3	57	L								
11	377	20.5	56	L								
12	374	20.3	62	L								
13	377	20.3	61	L								
14	383	14.6	62	L								
15	379	14.7	75	L								
16	375	12.7	76	L								
17	370	13.1	60	L								
18	361	13.7	53	L								
19	363	12.1	48	L								
20	359	11.9	47	L								
21	358	11.7	41	L								
22	353	13.6	34	L								
23	348	13.4	34	L								
24	349	14.7	33	L								
					JAN. 30, 1975							30
1	351	17.5	24	L								
2	353	22.5	24	L								
3	353	26.0	21	L								
4	362	27.3	22	L								
5	356	22.8	22	L								
6	353	23.3	26	L								
7	349	19.7	31	L								
8	348	19.3	32	L								
9	351	18.7	38	L								
10	351	19.4	36	L								
11	358	23.5	25	L								
12	368	26.9	27	L								
13	370	26.0	25	L								
14	373	24.0	23	L								
15	370	23.3	32	L								
16	373	29.0	37	L								
17	378	25.6	42	L								
18	370	20.7	50	L								
19	365	19.8	53	L								
20	364	16.8	62	L								
21	374	14.5	85	L								
22	392	13.7	85	L								
23	409	12.2	92	L								
24	401	13.5	80	L								
					JAN. 31, 1975							31
1	423	7.5	67	L								
2	432	4.9	90	L								
3	423	6.5	115	L								
4	418	7.2	112	L								
5	401	8.7	98	L								
6	402	7.8	71	L								
7	402	7.0	66	L								
8	417	15.2	73	L								
9	412	14.9	76	L								
10	400	15.2	82	L								
11	391	21.9	42	L								
12	388	24.3	33	L								
13	379	20.8	40	L								
14	371	24.1	40	L								
15	384	18.7	42	L								
16												
17												
18	398	21.7	85	L								
19	404	0.0	0	H								
20	400	20.8	86	L								
21	395	20.8	91	L								
22	397	17.2	78	L								
23	454	19.1	203	L								
24	480	16.1	239	L								
					FEB. 1, 1975							32
1	615	12.9	362	L								
2	622	12.7	406	L								
3	588	10.8	306	L								
4	645	11.3	493	L								
5	636	10.1	451	L								
6	644	10.4	438	L								
7	665	8.7	346	L								
8	715	4.5	219	L								
9	701	4.2	215	L								
10	705	5.2	260	L								
11	715	5.8	280	L								
12	711	6.3	283	L								
13	683	6.9	327	L								
14	697	7.7	379	L								
15	672	7.0	332	L								
16	680	4.9	261	L								
17	698	4.8	280	L								
18	694	5.5	267	L								
19	669	5.3	263	L								
20	669	5.4	255	L								
21	676	4.9	252	L								
22	690	4.4	263	L								
23	673	5.0	251	L								
24	691	5.5	267	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 2, 1975							33
1	712	5.1	246	L								
2	710	4.8	210	L								
3	726	5.1	214	L								
4	718	5.6	275	L								
5	736	5.8	378	L								
6	727	7.0	374	L								
7	727	5.1	357	L								
8	743	3.7	231	L								
9	742	3.8	236	L								
10	738	4.1	255	L								
11	700	2.9	121	L								
12	698	2.8	135	L								
13	716	0.0	0	H								
14	697	0.0	0	H								
15	696	2.6	208	L								
16	685	3.1	200	L								
17	693	3.7	185	L								
18	693	4.3	203	L								
19	691	4.5	216	L								
20	702	5.2	234	L								
21	682	5.5	265	L								
22	660	5.5	240	L								
23	647	5.4	202	L								
24	660	4.3	200	L								
					FEB. 3, 1975							34
	651	4.3	183	L								
	646	3.7	186	L								
	638	3.5	162	L								
	645	3.4	168	L								
	641	3.8	168	L								
	651	3.9	165	L								
	642	3.8	179	L								
	649	4.1	173	L								
	644	4.4	220	J								
	628	4.0	110	J								
	613	4.5	126	J								
	607	4.1	103	J								
	607	4.3	117	J								
	604	4.3	165	J								
	597	3.8	158	J								
	609	4.5	131	J	5.5	19	141	-0.8	0.6	0.5	5	J
	587	4.6	129	J	5.4	7	117	-1.9	3.4	1.5	3	J
	589	5.0	122	J	5.6	11	110	-1.3	3.2	2.0	4	J
	586	5.2	145	J	5.8	32	109	-1.2	2.5	3.6	4	J
	615	5.0	124	J	5.9	4	72	1.5	4.2	2.2	3	J
	570	5.1	115	J	5.9	31	119	-2.0	2.1	3.3	3	J
	558	5.4	117	J	6.0	19	130	-3.1	2.5	3.2	3	J
	547	5.2	119	J	6.2	17	141	-4.1	2.1	3.0	3	J
	551	5.3	153	L	6.1	5	93	-0.3	4.3	2.8	3	J
					FEB. 4, 1975							35
1	532	5.2	108	J	6.4	-4	120	-2.5	3.9	1.8	4	J
2	548	5.3	114	J	6.8	2	113	-2.2	4.6	2.5	4	J
3	534	5.5	109	J	6.7	1	108	-1.8	4.9	2.3	4	J
4	508	5.7	111	J	6.3	1	133	-3.4	3.4	1.5	4	J
5	516	5.7	148	J	6.1	-16	133	-3.3	3.9	-0.2	3	J
6	541	5.3	190	J	5.9	-33	203	-4.1	-0.9	-3.2	3	J
7	548	6.0	98	L	5.8	9	129	-1.4	1.6	0.6	5	J
8	545	6.1	91	J	5.8	24	108	-1.5	4.2	2.9	2	J
9	539	6.4	123	L	5.2	31	97	-0.4	3.4	2.6	3	J
10	541	7.4	133	J	5.6	15	128	-3.0	3.7	1.7	2	J
11	543	7.4	119	J	5.8	30	119	-2.1	3.5	2.7	3	J
12	538	6.9	85	J	6.4	6	108	-1.6	4.9	1.1	4	J
13	508	6.8	108	L	6.3	-21	149	-4.3	2.8	-1.6	3	J
14	503	6.3	51	J	5.6	-11	160	-4.3	1.7	-0.7	3	J
15	526	8.5	119	J	5.0	23	130	-2.5	2.7	2.1	3	J
16	525	8.3	109	J	5.1	14	118	-1.9	3.2	1.8	3	J
17	507	8.0	73	J	5.3	12	159	-4.1	1.3	1.3	3	J
18	501	7.7	67	J	6.1	24	202	-4.7	-2.5	1.6	2	J
19	502	8.0	76	J	6.2	20	139	-4.0	2.5	3.1	3	J
20	518	9.9	99	J	6.4	46	136	-2.0	0.6	3.5	5	J
21	521	10.8	114	J	6.0	59	189	-1.8	-1.6	2.5	5	J
22	517	11.0	119	J	5.9	23	219	-2.6	-2.5	0.2	5	J
23	505	10.7	103	J	6.0	-31	136	-3.1	3.9	-0.8	3	J
24	490	9.1	98	J	5.6	-13	168	-5.1	1.5	-0.5	1	J
					FEB. 5, 1975							36
	528	12.8	139	L								
	525	9.7	165	L								
	586	6.4	204	J	6.0	37	339	4.0	-2.8	2.2	3	J
	558	6.1	249	J	6.3	6	106	-1.4	4.5	2.3	4	J
	562	6.0	229	J	6.1	43	99	-0.5	2.1	4.0	4	J
	539	6.7	315	J	5.9	-8	196	-3.3	-0.8	-0.7	5	J
	590	5.0	152	J	8.1	6	121	-3.4	5.3	1.9	5	J
	616	4.9	164	J	7.1	4	135	-3.8	3.7	1.0	5	J
	614	4.5	163	J	6.8	-14	134	-3.9	4.2	-0.9	4	J
	605	4.3	177	J	6.4	-10	130	-3.3	4.0	-0.5	4	J
	626	4.6	174	J	6.5	1	113	-2.0	4.8	0.6	4	J
	610	4.3	117	J	6.8	-20	146	-4.9	3.5	-1.9	2	J
	612	4.6	120	J	6.4	-18	152	-5.0	2.9	-1.6	2	J
	622	4.5	153	J	6.0	10	136	-3.4	3.1	1.3	4	J
	637	5.0	202	J	5.4	37	136	-2.6	2.0	3.2	3	J
	638	4.4	186	J	5.1	-23	117	-1.9	4.0	-0.9	2	J
	615	4.3	123	J	4.9	-33	168	-3.7	1.5	-2.2	2	J
	611	4.5	106	J	5.0	-14	144	-3.8	2.9	-0.2	1	J
	611	4.3	133	J	4.7	-10	138	-3.3	3.1	-0.4	1	J
	588	4.3	132	J	4.6	-26	135	-2.5	3.0	-0.5	2	J
	584	4.1	116	J	4.4	-31	116	-1.4	3.4	-0.4	2	J
	558	4.0	72	J	4.4	-6	159	-3.6	1.4	0.3	2	J
	576	4.5	98	J	4.8	-34	141	-2.1	2.4	-0.7	4	J
	594	4.5	125	J								
					FEB. 6, 1975							37
1	567	3.8	101	J								
2	541	3.7	97	J								
3	542	4.0	115	J								
4	537	4.1	106	J								
5	567	3.6	98	J								
6	558	3.8	72	J								
7	577	3.7	86	J								
8	610	3.8	146	J								
9	601	4.2	155	J								
10	603	4.5	138	J								
11	586	4.8	142	J								
12	583	4.9	129	J								
13	588	4.4	120	J								
14	569	4.9	100	J								
15	547	4.7	122	J	4.6	13	112	-1.1	2.6	1.2	3	J
16	519	5.0	114	J	4.7	6	180	-4.3	-0.1	0.4	2	J
17	509	4.8	78	J	4.9	-2	189	-4.5	-0.6	-0.4	2	J
18	507	4.7	58	J	4.7	-11	174	-4.3	0.7	-0.6	2	J
19	521	5.2	76	J	4.8	3	136	-2.4	2.0	1.1	4	J
20	508	5.5	71	J	5.0	13	201	-4.3	-1.9	0.3	2	J
21	513	5.5	73	J	5.0	-11	123	-2.3	3.5	0.9	3	J
22	511	5.3	71	J	4.7	-13	126	-2.5	3.5	0.8	1	J
23	502	5.2	53	J	4.7	-10	159	-4.0	1.8	0.1	2	J
24	503	5.6	66	J	4.9	-1	145	-3.2	2.0	1.0	3	J
					FEB. 7, 1975							38
	507	6.1	73	J	5.0	-1	136	-3.1	2.7	1.4	3	J
	505	6.1	73	J	5.4	-36	144	-3.3	3.5	-1.5	2	J
	513	6.2	73	J	5.1	-13	133	-2.5	2.8	0.3	3	J
	526	6.3	119	J	5.3	-46	160	-3.1	2.3	-2.7	3	J
	518	6.2	108	J	5.5	-41	201	-3.5	-0.2	-3.6	2	J
	523	6.1	106	J	5.8	-19	228	-3.6	-3.3	-2.9	1	J
	528	7.3	150	J	5.3	-52	122	-1.0	2.1	-2.0	4	J
	530	6.3	131	J	5.3	34	87	0.2	2.6	2.5	4	J
	531	5.3	111	J	5.2	-56	57	1.3	2.5	-3.2	3	J
	528	5.5	137	J	4.2	-11	67	1.1	2.5	-0.2	3	J
	532	4.9	131	J	4.2	-49	30	2.0	1.5	-2.6	2	J
	530	4.4	106	J	4.2	-30	80	0.6	3.4	-1.5	2	J
	516	4.7	71	J	4.6	-44	129	-1.8	2.5	-2.5	2	J
	527	5.9	89	J	4.7	-5	97	-0.5	4.1	0.3	2	J
	528	6.1	69	J	4.9	2	79	0.8	4.2	1.0	2	J
	535	6.3	74	J	5.9	0	67	2.2	5.0	1.3	2	J
	521	6.2	44	J	5.5	-43	56	2.2	4.1	-2.5	2	J
	522	5.6	62	J	5.8	-48	24	3.4	2.8	-3.3	2	J
	532	6.0	88	J	5.1	-16	51	2.8	3.6	0.1	2	J
	522	5.7	73	J	5.5	-9	54	2.9	4.0	1.0	2	J
	525	7.4	65	J	5.0	-28	29	3.6	2.8	-1.0	1	J
	528	8.0	70	J	4.9	-11	33	3.5	2.3	0.4	2	J
	515	7.5	71	J	4.6	-3	358	4.4	-0.1	-0.3	1	J
	506	9.7	49	J	5.2	-3	353	5.1	-0.4	-0.6	1	J
					FEB. 8, 1975							39
1	503	12.0	65	J	6.0	3	27	4.9	2.0	1.5	3	J
2	499	15.0	71	J	6.8	-20	59	3.1	5.6	0.5	2	J
3	474	13.6	57	J	7.6	-31	82	0.9	7.1	-0.7	3	J
4	443	13.7	54	J	8.9	-9	97	-1.0	8.0	1.9	3	J
5	458	13.7	43	J	10.5	-11	48	6.7	7.6	0.7	2	J
6	451	11.8	33	J	11.5	-12	47	7.5	8.4	0.0	2	J
7	435	12.4	40	J	11.3	-3	67	4.3	10.1	1.7	2	J
8	434	11.9	40	J	11.3	11	64	4.9	9.4	4.0	1	J
9	429	16.3	45	J	10.1	17	60	4.6	7.4	3.9	3	J
10	425	12.1	42	J	10.3	4	57	4.7	7.1	1.5	6	J
11	435	6.7	38	J	11.2	1	50	7.0	8.2	1.1	2	J
12	443	4.6	112	J	10.8	3	49	6.9	7.9	1.5	2	J
13	434	4.5	51	J	11.0	17	57	5.7	8.3	4.3	1	J
14	430	4.3	68	J	10.4	9	59	5.3	8.4	3.0	1	J
15	423	5.9	56	J	9.5	16	49	5.9	6.1	2.9	1	J
16	424	5.4	54	J	9.2	8	42	6.8	5.6	2.8	1	J
17	417	4.9	34	J	9.8	39	36	4.0	1.6	4.7	7	J
18	406	5.5	22	J	11.2	77	283	0.6	-6.1	9.4	1	J
19	410	6.6	23	J	11.1	75	274	0.2	-6.9	8.7	1	J
20	404	6.1	27	J	10.9	73	251	-1.0	-7.2	8.0	1	J
21	393	4.9	33	J								
22	392	4.0	83	J								
23	358	4.2	81	J								
24	383	12.3	47	J	5.8	67	357	2.0	-2.4	3.9	3	J
					FEB. 9, 1975							40
	385	14.5	56	J	4.7	-10	354	4.3	-0.0	-0.9	2	J
	386	13.0	51	J	4.9	-34	338	3.5	-0.0	-3.0	2	J
	383	11.1	39	J	4.8	-33	309	2.4	-1.5	-3.5	2	J
	377	10.0	40	J	5.4	-48	304	1.9	-1.2	-4.7	2	J
	385	8.8	47	J	5.9	-51	334	3.3	0.0	-4.8	1	J
	386	7.8	45	J	5.8	-62	350	2.6	0.9	-4.8	2	J
	387	8.8	29	J	4.7	80	110	-0.2	-0.2	2.9	4	J
	390	8.3	32	J	4.5	73	346	1.1	-1.0	3.7	2	J
	385	7.5	28	J	5.0	64	347	2.1	-1.1	4.3	1	J
	390	7.0	39	J	4.8	51	8	2.9	-0.1	3.7	1	J
	383	7.1	43	J	4.8	49	359	3.0	-0.5	3.4	2	J
	379	6.8	52	J	4.7	35	350	3.7	-1.0	2.5	1	J
	382	6.9	44	J	4.6	22	338	3.8	-1.7	1.4	1	J
	379	7.3	33	J	4.7	29	344	3.6	-1.3	1.9	2	J
	386	8.6	46	J	5.2	5	303	2.5	-3.9	-0.4	2	J
	387	9.3	35	J	5.4	-8	304	2.7	-3.7	-1.7	2	J
	399	10.3	38	J	5.6	-14	297	2.0	-3.5	-2.2	3	J
	395	11.9	56	J	4.0	9	333	2.6	-1.4	0.0	3	J
	421	16.2	54	J	6.9	6	298	2.6	-4.7	-1.4	4	J
	424	17.9	59	J	8.2	39	306	3.3	-6.1	2.1	4	J
	439	20.1	80	J	6.0	64	53	0.7	-0.3	2.5	6	J
	420	23.1	103	J	6.9	3	344	5.9	-1.6	-0.6	3	J
	428	23.6	94	J	8.6	1	324	5.1	-3.2	-1.8	6	J
	439	27.1	93	J	11.4	-6	298	4.5	-6.8	-5.2	6	J

02/10/75 - 02/17/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 10, 1975							41
1	432	28.3	120	J	13.1	32	318	7.6	-9.2	2.1	5	J
2	471	26.8	134	J	13.9	-48	342	3.5	1.0	-4.1	13	J
3	493	27.9	181	J	14.1	15	90	0.0	7.3	6.3	10	J
4	495	23.9	218	J								
5	458	19.7	326	J								
6	528	15.5	361	L								
7	549	13.4	399	L								
8	556	11.8	397	L								
9	560	12.5	385	L								
10	572	11.5	418	L								
11	593	9.6	355	L								
12	591	7.3	310	L								
13	598	6.8	297	L								
14	662	6.8	332	L								
15	727	6.0	391	L								
16	716	5.3	309	L								
17												
18	699	5.2	303	L								
19	712	5.1	337	L								
20	769	5.5	370	L								
21	738	5.2	335	L								
22	714	5.0	319	L								
23	719	5.0	326	L								
24	688	5.0	328	L								
					FEB. 11, 1975							42
	687	5.2	322	L								
	684	4.9	307	L								
	666	4.5	286	L								
	690	4.4	306	L								
	665	4.4	297	L								
	684	4.8	325	L								
	655	5.1	320	L								
	674	5.4	389	L								
	672	5.1	351	L								
	682	5.8	375	L								
	704	5.9	358	L								
	698	6.2	354	L								
	682	0.0	0	H								
	698	9.0	409	L								
	706	8.7	430	L								
	696	8.2	403	L								
	705	5.6	316	L								
	699	0.0	0	H								
	684	4.2	191	L								
					FEB. 12, 1975							43
1	687	3.9	191	L								
2	694	4.6	209	L								
3												
4												
5	734	4.7	266	L								
6	717	4.3	254	L								
7												
8	746	4.9	268	L								
9	712	0.0	0	H								
10												
11	707	0.0	0	H								
12	714	4.6	258	L								
13	722	4.7	258	L								
14	729	4.8	251	L								
15	721	0.0	0	H								
16	738	0.0	0	H								
17	736	0.0	0	H								
18	725	0.0	0	H								
19	739	0.0	0	H								
20	767	3.8	263	L								
21	756	4.2	255	L								
22	728	3.9	245	L								
23	705	3.7	217	L								
24	723	3.6	214	L								
					FEB. 13, 1975							44
	741	3.8	268	L								
	755	3.7	318	L								
	760	3.7	304	L								
	761	3.8	292	L								
	745	3.7	269	L								
	750	3.5	264	L								
	772	3.6	322	L								
	764	3.7	323	L								
	763	3.7	300	L								
	734	3.7	279	L								
	716	0.0	0	H								
	715	3.5	247	L								
	728	3.6	279	L								
	729	3.5	285	L								
	765	2.9	227	L								
	741	0.0	0	H								
	765	3.8	263	L								
	739	3.8	262	L								
	716	3.8	217	L								
	736	3.6	216	L								
	730	4.1	237	L								
	735	4.4	274	L								
	701	4.5	259	L								
	742	3.8	209	L								
					FEB. 14, 1975							45
1	726	3.5	199	L								
2	684	4.2	175	L								
3	682	4.3	184	L								
4	696	0.0	0	H								
5	733	0.0	0	H								
6	710	0.0	0	H								
7												
8	684	4.0	187	L								
9	694	4.0	218	L								
10												
11												
12												
13												
14	655	4.1	200	L								
15	666	4.6	198	L								
16	657	4.3	219	L								
17												
18												
19	667	4.6	193	L								
20	697	4.9	230	L								
21	674	4.5	204	L								
22	699	4.6	230	L								
23	626	0.0	0	H								
24	629	0.0	0	H								
					FEB. 15, 1975							46
	538	1.4	285	J								
	531	3.4	264	J								
	588	4.3	749	J								
	603	3.2	401	J								
	590	4.8	521	J								
	555	4.8	499	J								
	585	5.4	774	J								
	564	7.7	1095	J								
	576	5.4	531	J								
	601	6.2	685	J								
	576	7.4	822	J								
	613	7.3	634	J								
	618	6.4	475	J								
	582	6.9	690	J								
	635	7.3	470	J								
	633	6.5	513	J								
	640	5.6	307	J								
	643	4.2	181	J								
	638	5.7	277	J								
	682	4.5	262	J								
	695	4.1	164	J								
	650	5.0	186	J								
	687	4.0	215	J								
	693	3.8	174	J								
					FEB. 16, 1975							47
1	683	4.0	160	J								
2	679	4.3	205	L								
3	678	4.6	184	L								
4	682	4.4	210	L								
5	678	4.6	203	L								
6	690	4.1	172	J								
7	691	5.4	227	L								
8	691	4.8	213	J	5.4	38	4	2.8	-0.3	2.2	4	J
9	672	4.7	208	J	6.1	18	359	4.8	-0.4	1.5	3	J
10	669	5.3	210	J	6.1	-9	343	4.2	-1.2	-0.9	4	J
11	690	5.4	251	J	5.9	-56	308	1.3	-1.1	-3.3	5	J
12	669	5.2	206	J	5.8	6	319	3.2	-2.8	-0.0	4	J
13	677	5.0	174	J	5.5	5	338	3.5	-1.4	0.1	4	J
14	688	4.9	181	J	5.2	37	19	3.0	0.5	2.5	3	J
15	702	4.8	226	J	4.7	8	334	1.6	-0.8	0.1	4	J
16	696	4.7	235	J	4.7	-40	268	-0.1	-2.3	-3.4	3	J
17	687	4.9	206	J	5.3	-47	53	1.6	3.0	-2.0	3	J
18	671	4.9	206	J	5.5	-39	347	3.5	0.3	-3.0	3	J
19	661	5.1	210	J	5.8	-22	328	3.9	-1.4	-2.6	3	J
20	659	5.4	208	J	6.0	-28	26	4.4	3.1	-1.3	2	J
21												
22	673	4.3	185	L								
23	666	3.6	227	L								
24	663	4.3	260	L								
					FEB. 17, 1975							48
	659	4.5	253	L								
	646	4.6	267	L								
	642	4.2	274	L								
	637	4.8	254	L								
	636	5.3	265	L								
	635	6.0	235	L								
	611	6.4	249	L								
	599	5.7	234	L								
	623	5.1	214	J	4.8	-35	297	1.3	-2.3	-2.5	3	J
	632	4.5	173	J	3.7	2	13	2.6	0.6	0.2	4	J
	631	4.2	147	J	4.2	13	326	2.2	-1.6	0.3	3	J
	644	4.1	188	J	4.4	51	270	0.0	-2.7	2.2	3	J
	608	3.7	153	J	4.5	5	334	3.0	-1.4	-0.0	3	J
	610	3.7	160	J	4.5	44	341	2.7	-1.6	2.3	2	J
	603	3.7	179	J	4.3	6	324	2.3	-1.7	-0.3	3	J
	608	3.7	189	J	4.2	-2	296	1.4	-2.6	-1.2	3	J
	579	3.9	171	J	4.3	1	333	3.2	-1.5	-0.6	2	J
	580	3.8	180	J	4.7	20	335	3.6	-2.2	0.5	2	J
	573	3.8	136	J	4.6	-15	10	3.9	1.2	-0.6	2	J
	573	4.2	124	J	4.2	3	325	2.9	-1.9	-0.9	2	J
	583	4.3	141	J	4.0	-25	303	1.5	-1.3	-2.3	3	J
	589	5.0	115	J	4.5	4	229	-2.6	-2.7	-1.3	2	J

FEB. 18, 1975 — 49

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	585	4.4	124	J	4.2	-48	225	-1.6	-0.1	-3.0	2	J	
2	578	4.5	118	J	4.6	-44	243	-1.0	-0.7	-3.0	3	J	
3	565	4.3	103	J	4.5	-10	293	1.5	-2.9	-2.3	2	J	
4	575	4.2	114	J	4.1	0	245	-1.6	-3.1	-1.4	2	J	
5	573	4.5	114	J	4.5	-9	261	-0.6	-3.1	-1.9	3	J	
6	569	4.2	115	J	5.0	-78	85	0.1	2.2	-3.7	3	J	
7	551	4.3	130	J	4.6	-35	329	2.5	-0.9	-2.4	3	J	
8	542	4.6	116	J	4.4	13	23	3.8	1.4	1.2	1	J	
9	542	4.4	125	J	4.1	25	9	3.4	0.2	1.7	2	J	
10	539	5.0	130	J	4.3	17	16	3.8	0.9	1.4	2	J	
11	539	5.0	110	J	4.4	21	27	3.5	1.5	1.8	1	J	
12	540	5.4	136	J	4.2	0	294	1.5	-3.4	-0.5	2	J	
13	536	5.4	124	J	4.1	-22	309	2.1	-2.3	-1.7	2	J	
14	528	5.1	139	J	4.2	9	324	3.2	-2.4	0.1	1	J	
15	519	4.7	109	J	4.2	0	312	2.7	-2.9	-0.7	1	J	
16	518	4.7	108	J	4.2	5	308	2.5	-3.1	-0.6	1	J	
17	518	5.1	107	J	4.0	2	317	2.4	-2.2	-0.7	2	J	
18	515	5.4	97	J	3.8	-9	354	3.1	-0.1	-0.6	2	J	
19	499	4.9	74	J	4.3	3	307	2.5	-3.2	-1.3	1	J	
20	486	6.6	57	J	5.0	-1	295	2.0	-3.8	-2.1	2	J	
21	477	6.7	55	J	5.2	-4	294	2.1	-3.8	-2.6	1	J	
22	476	7.0	66	J	5.5	-8	299	2.6	-3.6	-3.1	1	J	
23	472	8.3	63	J	5.6	0	309	3.5	-3.7	-2.3	1	J	
24	458	8.2	31	J	6.1	14	323	4.6	-3.8	-0.6	1	J	

FEB. 19, 1975 — 50

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	467	11.1	68	J	5.0	57	342	2.6	-2.9	3.2	1	J	
2	462	10.9	53	J	5.3	50	321	2.5	-3.6	2.3	2	J	
3	464	10.5	72	J	5.3	-5	330	4.4	-2.0	-1.5	2	J	
4	461	10.2	72	J	6.1	-11	356	5.9	0.1	-1.2	1	J	
5	459	13.2	54	J	5.5	-20	60	1.9	3.6	-0.1	4	J	
6	464	14.6	55	J	5.3	-18	85	0.3	3.6	0.0	4	J	
7	460	17.2	65	J	3.1	2	318	1.6	-1.4	-0.3	2	J	
8	459	17.4	60	J									
9	458	20.2	53	J	5.7	-42	105	-1.0	4.4	-2.7	2	J	
10	450	12.8	48	J	7.7	-23	109	-2.2	6.9	-1.8	2	J	
11	446	11.3	54	J	7.8	-43	121	-2.8	5.4	-4.3	2	J	
12	444	11.6	71	J	7.4	-15	119	-3.3	6.2	-0.8	2	J	
13	443	13.7	123	J	6.2	13	152	-4.6	2.1	1.6	3	J	
14	457	12.8	63	J	7.1	70	225	-1.5	-2.6	5.2	4	J	
15	469	16.1	90	J	4.8	17	145	-3.3	1.9	1.7	3	J	
16	490	7.8	106	J	6.8	26	143	-4.7	2.5	3.7	2	J	
17	488	7.3	107	J	6.3	23	146	-4.8	2.2	3.4	1	J	
18	487	7.2	118	J	5.6	-12	148	-4.4	2.9	0.0	2	J	
19	491	7.0	102	J	4.9	-26	130	-2.7	3.8	-0.5	1	J	
20	481	6.5	120	J	5.2	-15	146	-4.1	3.1	0.2	1	J	
21	476	6.7	112	J	4.8	-14	147	-3.8	2.7	0.3	1	J	
22	463	7.3	118	J	4.8	-19	162	-4.2	2.0	-0.5	1	J	
23	447	8.7	88	J	3.6	-31	167	-2.5	1.3	-0.9	2	J	
24	447	10.4	66	J	5.2	-46	134	-2.3	3.8	-1.6	2	J	

FEB. 20, 1975 — 51

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	450	14.4	56	J	4.2	-7	120	-1.7	2.7	1.2	3	J	
2	455	13.8	54	J	3.3	33	79	0.5	1.4	2.8	1	J	
3	450	13.5	47	J	2.5	-10	75	0.4	1.5	0.4	2	J	
4	453	14.4	37	J	3.8	-5	120	-1.8	2.9	1.0	1	J	
5					3.6	-2	141	-2.6	2.0	0.7	2	J	
6	450	11.4	56	J	3.4	47	15	1.6	-0.2	1.8	2	J	
7	437	11.9	62	J	4.9	29	349	3.9	-1.4	1.9	2	J	
8	431	12.6	59	J	5.7	-29	319	3.3	-2.3	-3.0	3	J	
9	438	11.6	50	J	5.3	-32	306	2.4	-2.8	-3.2	2	J	
10	436	12.4	59	J	4.0	-63	323	0.3	-0.1	-0.7	4	J	
11	440	10.9	57	J	5.6	31	129	-3.0	3.2	3.5	1	J	
12	440	11.0	50	J	5.1	36	116	-1.8	3.1	3.5	1	J	
13	440	11.0	45	J	4.6	41	116	-1.5	2.5	3.5	1	J	
14	438	11.5	50	J	4.2	15	136	-2.8	2.4	1.5	1	J	
15	434	12.8	42	L	4.1	22	149	-3.2	1.5	1.9	1	J	
16	423	10.7	45	L	4.3	16	153	-3.7	1.5	1.7	1	J	
17													
18													
19													
20	370	7.2	40	L	4.3	-29	316	2.6	-1.3	-3.0	1	J	
21	370	7.0	35	L	4.4	-39	324	2.7	-0.4	-3.3	1	J	
22	367	8.0	26	L	4.5	-59	297	1.0	3.3	-4.3	1	J	
23	363	7.6	31	L	4.2	-34	280	0.6	-1.6	-3.8	1	J	
24	357	7.2	34	L	3.7	-20	294	1.4	-2.0	-2.7	1	J	

FEB. 21, 1975 — 52

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	356	7.1	32	L	3.4	-10		.4	-1.5	-1.5	2	J	
2	360	7.1	30	L	3.4	-18	259	-0.5	-2.0	-2.2	2	J	
3	354	7.9	27	L	3.7	-29	283	0.6	-1.6	-2.7	2	J	
4	361	8.3	28	L	3.9	-47	255	-0.6	-1.0	-3.1	2	J	
5	356	9.6	25	L	3.7	-67	333	1.1	0.5	-2.9	2	J	
6	357	10.1	32	L									
7	357	11.9	26	L									
8	357	12.7	22	L									
9	356	13.0	23	L									
10	363	16.0	21	L									
11	363	19.8	20	L									
12	365	24.3	18	L									
13	369	29.9	19	L									
14	370	38.9	20	L									
15	370	33.8	22	L									
16	373	35.4	23	L									
17	381	28.1	26	L									
18	384	18.9	57	L									
19	384	18.2	62	L									
20	385	16.3	73	L									
21	390	14.4	68	L									
22	407	12.3	84	L									
23	421	8.4	80	L									
24	423	8.5	76	L									

FEB. 22, 1975 — 53

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	399	15.9	35	L									
2	387	15.3	27	L									
3	388	18.8	27	L									
4	395	18.1	24	L									
5	393	16.7	27	L									
6	398	15.3	36	L									
7	412	13.1	56	L									
8	411	13.0	60	L									
9	412	13.1	55	L									
10	419	13.0	56	L									
11	421	13.5	59	L									
12	421	13.5	60	L	2.9	-29	110	-0.9	2.6	-1.0	0	J	
13	419	14.3	48	L	3.1	-34	136	-1.5	1.8	-1.2	2	J	
14	404	18.0	43	L	3.4	-31	148	-2.3	1.8	-1.2	1	J	
15	390	17.7	42	L	3.5	-24	144	-2.5	2.1	-0.9	1	J	
16	394	16.6	36	L	4.2	-23	136	-2.7	3.0	-0.8	1	J	
17	387	16.7	33	L	4.3	-44	148	-2.4	2.3	-2.0	2	J	
18	387	18.4	29	L	3.4	-49	134	-1.3	2.2	-1.5	2	J	
19	388	18.8	25	L	2.3	3	302	0.5	-0.8	-0.3	2	J	
20	378	11.6	28	L	6.1	23	343	5.3	-2.5	1.3	1	J	
21	375	10.8	34	L	6.0	8	327	5.0	-3.2	-0.9	1	J	
22	368	11.2	27	L	5.1	7	322	3.8	-2.8	-1.0	2	J	
23	364	10.8	27	L	3.1	-10	353	2.6	0.0	-0.6	2	J	
24	379	14.3	46	L	4.3	19	297	1.5	-3.1	-0.7	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	396	17.0	82	L	5.9	20	299	2.4	-4.6	-0.8	3	J	
2	392	17.5	70	L	6.8	18	316	4.4	-4.6	-0.4	2	J	
3	385	17.8	58	L	6.1	29	344	5.0	-2.6	1.9	1	J	
4	380	16.8	60	L									
5	386	15.0	49	L									
6	399	13.7	56	L									
7	397	17.6	47	L									
8	389	15.5	50	L									
9	424	0.0	0	H									
10	458	27.6	141	L									
11	496	23.5	143	L									
12	514	39.2	154	L									
13	506	33.4	184	L									
14	501	30.4	185	L									
15	535	32.1	141	L									
16	558	23.4	91	L									
17	561	20.4	74	L									
18	556	23.8	78	L									
19	551	21.4	103	L									
20	538	12.3	104	L									
21	526	10.7	131	L									
22	525	9.2	131	L									
23	517	7.5	113	L									
24	517	8.5	113	L									

FEB. 24, 1975 — 55

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	516	9.4	120	L									
2	511	8.8	130	L									
3	514	8.9	125	L									
4	519	9.8	167	L									
5	535	9.9	166	L									
6	525	10.8	200	L									
7	537	9.0	206	L									
8	559	9.0	208	L									
9	569	8.1	194	L									
10	563	8.5	184	L									
11	571	7.0	213	L									
12	594	5.4	226	L									
13	590	4.6	160	L									
14	595	6.9	193	L									
15	647	8.1	273	L									
16	619	9.9	256	L									
17	616	9.9	254	L									
18	642	6.1	253	L									
19	657	6.4	245	L									
20	671	6.5	304	L									
21	670	7.0	306	L									
22	658	6.4	261	L									
23	656	6.4	253	L									
24	636	6.9	258	L									

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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	630	6.4	212	L									
2	648	7.2	267	L									
3	603	6.1	249	L									
4	603	6.4	262	L									
5													
6	614	5.5	222	L									
7	598	6.2	208	L									
8	577	4.9	192	L									
9	581	3.8	193	L									
10	552	3.9	164	L									
11	522	4.8	157	L									
12	518	4.4	141	L									
13	504	4.9	90	L									
14	503	6.1	88	L									
15	489	5.1	85	L									
16	490	5.8	77	L									
17	489	5.3	74	L									
18	515	11.6	54	L									
19	504	16.3	64	L									
20	498	16.6	48	L									
21	482	21.3	58	L									
22	472	19.7	61	L									
23	469	21.6	71	L	4.8	-7	101	-4.2	1.5	0.3	2	X	
24	482	22.3	81	L	5.2	-13	154	-3.5	1.9	0.2	4	X	

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					FEB. 26, 1975							57
1	490	24.7	76	L	5.0	27	166	-3.6	-0.3	2.1	3	X
2	486	22.2	107	L	4.4	22	252	-0.9	-2.8	-0.4	4	X
3	481	25.0	88	L								
4	489	16.4	83	L								
5	490	8.3	74	L								
6	501	13.0	73	L								
7	494	15.0	69	L								
8												
9												
10												
11												
12	463	0.0	0	H								
13	480	0.0	0	H								
14	476	5.6	83	L								
15	485	7.2	84	L								
16	483	6.4	82	L								
17	483	5.1	75	L								
18	481	5.2	64	L								
19	486	4.7	56	L								
20	472	4.5	54	L								
21	478	4.6	59	L								
22	478	4.7	57	L								
23	475	4.6	65	L								
24	472	5.7	73	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					FEB. 27, 1975							58
1	476	6.0	86	L								
2	469	5.7	72	L								
3	475	6.4	85	L								
4	485	7.3	99	L								
5	499	7.1	111	L								
6	475	6.4	91	L								
7	460	6.4	74	L								
8	457	4.8	70	L								
9	464	5.2	57	L								
10	473	0.0	0	H								
11	459	0.0	0	H								
12	455	0.0	0	H								
13	459	0.0	0	H								
14	461	0.0	0	H								
15	462	0.0	0	H								
16	454	0.0	0	H								
17	459	0.0	0	H								
18	459	8.2	58	L								
19	462	8.1	74	L								
20	469	8.8	84	L								
21	502	0.0	0	H								
22	492	8.6	113	L								
23	490	8.0	105	L								
24	488	8.0	107	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					FEB. 28, 1975							59
1	485	8.0	97	L								
2	479	8.3	95	L								
3	484	8.9	103	L								
4												
5	450	11.1	114	L								
6	433	11.1	99	L								
7	428	12.0	77	L								
8	427	13.1	67	L								
9	420	11.0	59	L								
10	425	9.6	69	L								
11	428	9.1	83	L								
12	430	8.4	82	L								
13	437	9.5	79	L								
14	453	11.6	88	L								
15	469	12.6	85	L								
16	495	10.6	101	L								
17	594	9.6	233	L								
18	621	9.5	214	J	8.3	49	146	-4.1	0.2	6.3	3	J
19	616	8.6	166	J	7.6	7	142	-5.5	3.4	2.7	3	J
20	624	8.8	190	J	8.2	-32	138	-4.7	5.7	-1.4	3	J
21	623	7.5	175	J	7.9	17	165	-6.5	0.4	2.4	4	J
22	636	6.8	230	J	8.9	-6	132	-5.3	5.4	2.5	4	J
23	633	7.2	246	J	9.3	13	134	-5.5	3.7	4.7	4	J
24	630	6.7	252	J	10.2	19	130	-5.5	3.8	6.2	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					MAR. 1, 1975							60
1	670	6.5	315	J	10.1	22	113	-3.0	4.3	6.5	6	J
2	683	8.4	354	L	8.6	-44	163	-4.1	3.3	-2.9	6	J
3	677	7.8	321	L	8.3	11	163	-6.4	1.1	2.1	5	J
4	692	6.0	276	L	7.1	49	175	-4.0	-1.7	4.3	4	J
5	682	5.7	283	L	6.7	21	143	-3.2	1.6	2.3	5	J
6	665	5.8	249	L	6.2	21	143	-2.8	1.5	1.9	5	J
7	700	4.9	282	L	4.0	1	170	-3.8	0.6	0.3	1	J
8	664	5.0	237	L								
9	675	4.9	255	L	6.6	51	248	-1.5	-4.8	4.1	0	J
10	681	4.7	233	J	5.4	9	189	-3.2	-0.6	0.4	4	J
11	675	4.5	221	J	5.2	-14	205	-3.5	-1.4	-1.3	3	J
12	670	4.4	211	J	5.2	-19	155	-3.1	1.6	-0.9	4	J
13	665	2.7	183	L	5.6	19	105	-1.1	3.9	2.4	3	J
14	681	2.8	149	J	5.3	20	90	0.0	4.3	2.8	1	J
15	655	2.9	169	J	4.9	8	107	-1.3	4.1	1.8	2	J
16	658	3.1	175	J	4.4	-30	78	0.8	4.2	-0.9	0	J
17	645	3.2	149	J	4.1	-39	94	-0.2	3.3	-1.1	2	J
18	619	3.9	141	J	3.4	-46	94	-0.1	2.6	-1.0	2	J
19	622	3.9	127	J	4.1	-75	6	0.7	1.3	-2.3	3	J
20	618	4.3	168	L	4.8	-51	115	-0.7	2.5	-1.1	4	J
21	607	4.1	158	J	4.6	12	201	-3.6	-1.6	-0.1	2	J
22	621	3.6	146	J	4.7	41	176	-3.2	-1.4	2.5	2	J
23	608	3.7	191	J	4.9	27	180	-3.9	-1.1	1.7	2	J
24	605	4.2	255	J	4.3	3	133	-2.2	1.8	1.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					MAR. 2, 1975							61
1	607	4.4	219	J	4.6	-12	133	-2.3	2.4	0.7	3	J
2	618	5.4	183	J	4.6	-52	114	-0.9	3.3	-1.4	3	J
3	611	5.4	181	J	4.7	13	121	-1.5	1.8	1.8	4	J
4	629	3.9	169	J	5.1	-8	80	0.8	4.1	1.4	3	J
5	612	3.9	162	J	4.4	-3	103	-0.6	2.4	0.9	3	J
6	612	3.6	150	J	4.7	-15	77	0.9	4.1	0.4	2	J
7	602	3.6	162	J	4.2	-17	104	-0.9	3.6	-0.0	2	J
8	620	3.0	134	J	3.6	-12	105	-0.8	3.0	0.2	2	J
9	626	2.6	122	J	3.8	-44	57	1.0	2.0	-1.4	3	J
10	615	3.2	131	J	3.2	21	228	-1.5	-1.8	0.5	2	J
11	621	2.9	88	J	3.5	22	171	-2.5	0.2	1.1	2	J
12	630	3.0	99	J	3.5	6	152	-2.4	1.2	0.5	2	J
13	626	3.0	106	J	3.5	-7	139	-2.2	2.0	0.0	2	J
14	608	3.3	104	J	4.3	15	183	-4.1	-0.5	1.0	1	J
15	594	3.6	135	J	4.8	6	173	-4.7	0.4	0.6	1	J
16	577	3.5	174	J	4.2	11	165	-3.9	0.7	1.1	1	J
17	576	3.0	140	J	3.6	2	140	-2.5	1.9	0.9	2	J
18	556	2.9	75	J	3.0	-20	157	-3.0	1.7	-0.6	1	J
19	555	3.0	120	L	3.1	-7	122	-1.3	2.0	0.7	2	J
20	556	3.2	126	L	2.6	-77	150	-0.4	1.4	-1.8	1	J
21	542	3.9	137	L	2.5	-31	167	-1.9	1.0	-0.8	1	J
22	540	3.7	139	J	2.6	-39	167	-1.7	1.1	-1.0	1	J
23	538	4.1	114	J	2.1	-2	343	1.0	-0.2	-0.2	2	J
24	524	4.4	109	J	2.8	-45	97	-0.1	1.7	-0.3	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					MAR. 3, 1975							62
1	521	4.5	87	J	3.4	-31	33	2.1	2.0	-0.5	2	J
2	498	4.5	79	J	3.2	-21	111	-0.8	2.3	0.4	2	J
3	494	5.1	98	J	3.3	-8	132	-1.9	2.0	0.7	2	J
4	509	5.5	82	J	4.1	-15	85	0.3	3.8	0.8	1	J
5	503	6.0	84	J	4.4	-9	104	-1.0	4.0	1.0	1	J
6	497	6.0	96	J	4.7	9	114	-1.2	2.4	1.4	4	J
7	498	6.1	90	J	4.8	13	145	-3.1	1.8	1.5	3	J
8	495	6.4	109	J	5.2	17	160	-4.7	1.3	1.9	0	J
9	485	7.0	133	J								
10	485	6.8	150	J								
11	500	4.4	134	J								
12	536	6.6	101	J								
13	546	8.6	159	J								
14	551	7.5	123	J								
15	570	7.4	118	J								
16	560	7.9	142	J								
17	539	9.0	171	J								
18	543	9.3	133	J								
19	543	9.1	138	J								
20	603	6.7	266	J								
21	634	4.3	275	J								
22	662	4.7	269	J								
23	670	4.1	171	J								
24	673	3.9	171	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					MAR. 4, 1975							63
1	686	5.3	302	J								
2	668	5.5	378	J								
3	663	5.6	303	J								
4	639	6.2	279	J								
5	622	5.4	219	J								
6	646	4.5	266	J								
7	653	4.6	268	J								
8	644	3.9	166	J								
9	638	4.4	172	J								
10	643	4.4	203	J								
11	640	3.9	183	J								
12	613	4.8	176	J								
13	597	5.0	204	J								
14	583	4.6	156	J								
15	571	3.7	163	J								
16	545	4.8	120	J								
17	522	5.0	117	J								
18	506	6.5	50	J								
19	511	6.9	55	J								
20	507	6.7	56	J								
21	505	7.1	62	J	5.3	27	142	-3.5	1.1	3.4	2	J
22	512	9.0	92	J	4.7	46	232	-1.3	-2.5	1.0	4	J
23	517	8.7	82	J	5.0	25	249	-1.4	-4.0	-0.5	3	J
24	524	10.1	85	J	5.5	30	231	-2.0	-3.0	0.1	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					MAR. 5, 1975							64
1	543	9.4	62	J	7.2	51	287	1.3	-6.5	2.2	2	J
2	543	10.4	102	J	6.5	-53	244	-0.9	-0.2	-3.2	6	J
3	534	8.8	143	J	5.9	-6	231	-2.9	-2.9	-2.2	4	J
4	539	6.6	161	J	5.9	-40	230	-2.4	-1.2	-4.1	3	J
5	547	5.1	158	J	5.8	-37	233	-2.5	-1.8	-4.2	3	J
6	531	5.1	177	J	5.8	-30	200	-4.3	-0.6	-3.0	2	J
7	540	5.0	163	J	6.7	-26	175	-4.4	1.0	-1.9	5	J
8	539	4.9	137	J	7.5	-45	167	-4.8	2.3	-4.4	3	J
9	563	4.7	144	J	6.9	-54	168	-2.9	1.6	-3.7	5	J
10	567	4.4	114	J	7.0	-53	166	-3.6	1.9	-4.7	3	J
11	587	4.5	136	J	6.6	-65	177	-2.3	1.1	-4.8	4	J
12	586	4.4	111	J	6.2	-20	136	-3.1	3.3	-1.0	4	J
13	607	4.5	128	J	6.1	20	106	-1.3	3.9	2.6	4	J
14	579	4.4	100	J	6.2	-19	133	-3.5	4.1	-0.8	3	J
15	584	4.6	96	J	6.2	-45	139	-2.7	3.2	-2.7	4	J
16	563	4.8	78	J	6.3	-39	182	-4.3	1.0	-3.3	3	J
17	562	5.0	103	J	5.7	-19	154	-3.3	2.0	-0.6	4	J
18	555	5.6	97	J	5.6	-20	163	-4.8	2.1	-1.0	2	J
19	567	5.7	124	J	5.5	-49	262	-0.4	-1.0	-4.1	3	J
20	562	5.8	128	J	5.0	-63	110	-0.5	2.8	-1.8	4	J
21	558	6.0	158	J	3.4	33	144	-1.3	0.2	1.3	3	J
22	571	5.8	146	J	3.5	7	179	-1.5	-0.1	0.2	3	J
23	581	5.7	141	J	4.1	-12	239	-1.7	-1.9	-2.2	2	J
24	562	5.3	98	J	4.7	2	204	-4.0	-1.6	-0.8	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 6, 1975							65
1	559	4.8	97	J	5.0	27	209	-3.6	-2.8	0.7	2	J
2	568	4.5	131	J	4.1	10	151	-2.8	1.0	1.4	2	J
3	562	4.7	110	J	4.9	-8	141	-3.4	2.6	0.8	2	J
4	555	5.5	152	J	5.2	-2	145	-2.8	1.8	0.8	4	J
5	564	5.9	136	J	5.4	-5	105	-1.1	3.8	1.2	3	J
6	565	6.7	153	J	5.2	-45	103	-0.6	3.3	-1.5	4	J
7	562	7.1	172	J	5.1	-63	144	-0.7	1.0	-1.5	5	J
8	573	5.9	131	J	5.7	-18	84	0.5	4.6	-0.2	3	J
9	567	4.2	161	L	5.4	-82	211	-0.6	0.8	-5.1	2	J
10	576	4.9	125	J	4.3	-62	82	0.4	3.5	-2.0	1	J
11	577	5.4	101	J	4.6	-30	81	0.6	4.2	-1.4	1	J
12	565	6.8	92	J	4.1	-58	82	0.2	2.2	-2.4	3	J
13	575	7.1	102	J	4.2	-11	38	2.9	2.4	-0.2	2	J
14	577	7.4	90	J	3.9	-39	20	2.0	1.1	-1.6	3	J
15	572	10.0	80	J	4.4	-47	343	2.7	0.1	-3.1	2	J
16												
17												
18												
19												
20												
21	508	2.1	52	J								
22	526	2.2	69	J								
23	521	2.9	67	J								
24	484	3.8	79	J								
					MAR. 7, 1975							66
1	490	2.9	45	J								
2	482	4.4	66	J								
3	486	4.5	51	J								
4	461	5.2	85	J								
5	415	4.8	123	J								
6	413	6.1	100	J								
7	410	6.3	85	J								
8	390	5.0	127	J								
9	380	5.0	125	J								
10	373	4.1	135	J								
11												
12	384	5.0	134	J								
13	374	0.0	0	H								
14	377	4.5	134	J								
15	372	5.4	138	J								
16	375	6.4	124	J								
17	379	10.0	81	J								
18	363	14.2	90	J								
19	359	12.5	83	J								
20	358	11.9	95	J								
21	353	11.5	152	J								
22	353	9.1	168	J								
23	352	6.6	190	J								
24	372	6.5	149	J								
					MAR. 8, 1975							67
1	388	0.0	0	H								
2	342	8.1	151	J								
3	337	11.0	258	J								
4	386	11.6	43	L								
5	329	12.5	95	J								
6	382	8.9	46	L								
7	317	7.2	78	J								
8	313	6.7	73	J								
9	371	5.5	17	L								
10	302	4.4	86	J								
11	297	4.8	73	J								
12	363	6.1	15	L								
13	290	4.2	85	J								
14	293	4.2	84	J								
15	289	5.1	72	J								
16	284	6.1	43	J								
17	280	6.5	68	J								
18	285	6.7	71	J								
19	367	5.3	22	L								
20	365	5.9	25	L								
21	365	6.0	26	L								
22	360	6.9	23	L								
23	351	6.8	26	L								
24	347	7.0	28	L								
					MAR. 9, 1975							68
1	345	7.1	33	L								
2	342	7.8	28	L								
3	359	0.0	0	H								
4	354	5.4	54	L								
5	357	5.7	65	L								
6	357	7.1	44	L								
7	355	6.7	68	L								
8	342	8.3	37	L								
9	340	8.7	29	L								
10	343	8.1	29	L								
11	348	8.3	23	L								
12	347	9.6	23	L								
13	355	7.9	37	L								
14	363	7.6	42	L								
15	374	11.4	80	L								
16	376	11.0	79	L								
17	378	11.1	77	L								
18	384	10.1	68	L								
19	380	0.0	0	H								
20												
21												
22												
23												
24												
					MAR. 10, 1975							69
1												
2												
3												
4	524	15.2	408	L								
5	565	13.6	376	L								
6	569	0.0	0	H								
7												
8												
9	609	8.6	335	L								
10	617	10.1	340	L								
11	629	10.8	373	L								
12	606	0.0	0	H								
13	623	15.2	375	L								
14	594	11.8	304	L								
15	603	10.0	270	L								
16	601	0.0	0	H								
17	629	9.0	305	L								
18	653	7.6	275	L								
19	645	9.3	314	L								
20	680	8.4	397	L								
21	675	0.0	0	H								
22												
23												
24	745	5.8	374	L								
					MAR. 11, 1975							70
1	799	6.4	403	L								
2												
3												
4	726	8.1	303	L								
5												
6												
7												
8												
9	753	0.0	0	H								
10	755	0.0	0	H								
11	766	4.2	334	L								
12	759	0.0	0	H								
13	767	0.0	0	H								
14	757	3.7	267	L								
15	776	3.6	265	L								
16	745	3.7	252	L								
17	775	2.2	376	L								
18	709	0.0	0	H								
19	752	3.4	334	L								
20	729	3.4	237	L								
21	741	3.7	252	L								
22	757	3.8	271	L								
23	750	3.7	256	L	6.0	8	312	3.7	-3.8	-1.8	2	X
24	774	3.4	292	L	5.5	14	309	3.0	-3.7	-1.2	3	X
					MAR. 12, 1975							71
1	783	3.9	333	L	5.2	22	330	3.1	-2.3	0.3	4	X
2	770	4.1	308	L	5.4	-7	3	4.4	0.5	-0.4	3	X
3	775	3.4	312	L	5.2	-23	324	3.0	-1.1	-2.5	3	X
4	755	3.7	274	L	5.4	-5	332	4.4	-1.9	-1.4	2	X
5	748	3.3	269	L								
6	744	3.3	279	L								
7	735	3.5	264	L								
8	757	3.3	259	L								
9	727	3.5	237	L								
10	738	3.5	260	L								
11	727	3.5	227	L								
12	733	3.7	211	L								
13	728	3.3	203	L								
14	721	3.1	187	L								
15	731	3.2	199	L								
16	727	2.9	198	L								
17	712	3.1	185	L								
18	698	3.3	193	L								
19	706	4.9	285	J								
20	728	3.6	236	J								
21	659	3.9	264	J								
22	738	3.3	261	L								
23	725	3.7	290	J								
24	739	3.8	291	J								
					MAR. 13, 1975							72
1	741	3.2	320	L								
2	733	0.0	0	H	4.9	9	308	2.4	-2.9	-1.1	3	X
3	737	0.0	0	H								
4	714	3.1	182	L	5.2	10	340	4.4	-1.9	0.0	2	X
5	712	2.5	184	L								
6	736	2.8	260	L								
7	717	2.5	222	J								
8	698	2.3	198	L								
9	695	2.8	168	J								
10	705	2.8	217	L								
11	659	2.6	190	L								
12	643	2.6	171	L								
13	637	2.9	151	L								
14	643	3.1	172	L								
15	640	3.3	161	L								
16	644	3.7	184	L								
17	661	4.8	173	L								
18	678	5.0	158	J	4.8	-25	270	0.0	-2.8	-3.4	2	J
19	680	4.8	176	J	4.1	-67	300	0.6	0.4	-3.1	3	J
20	666	5.2	190	J	4.4	-25	346	3.3	0.1	-1.8	2	J
21	652	5.0	230	J	4.4	22	4	3.7	-0.6	1.4	1	J
22	637	4.8	274	J	4.3	12	359	4.0	-0.6	0.7	1	J
23	674	4.1	208	L								
24	648	4.2	204	L								

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 14, 1975							73
1	632	4.7	176	L								
2	636	4.9	186	L								
3	631	5.2	184	L								
4	629	4.4	170	L								
5	646	3.6	168	L								
6	654	3.7	171	L								
7	680	3.7	157	J								
8	665	4.1	167	J	5.1	3	296	1.9	-3.8	-0.9	3	J
9	668	4.4	200	J	5.0	7	271	0.1	-3.9	-0.4	3	J
10	665	4.0	219	J	4.4	24	26	2.9	1.1	1.7	2	J
11	671	4.1	232	L	4.1	-11	296	1.3	-2.4	-1.1	3	J
12	637	4.2	206	J	4.1	-3	333	2.8	-1.7	-0.5	3	J
13	660	4.0	186	J	4.3	-21	289	0.7	-1.8	-1.3	4	J
14	654	3.9	192	J	4.6	-26	309	1.8	-1.8	-1.9	3	J
15	641	3.6	129	J	3.9	-29	348	2.5	-0.1	-1.5	3	J
16	629	3.8	130	J	4.5	-16	356	3.5	0.1	-1.0	3	J
17	619	3.8	92	J	4.8	-26	331	3.5	-1.0	-2.5	2	J
18	613	4.0	104	J	4.6	-6	358	3.8	0.1	-0.4	3	J
19	640	4.5	191	J	4.8	16	10	3.6	0.1	1.2	3	J
20	649	4.7	201	J	5.6	0	317	3.3	-2.7	-1.6	3	J
21	652	4.9	208	J	5.3	32	322	2.6	-2.8	0.7	4	J
22	658	5.1	218	J	5.7	15	303	1.9	-2.9	-0.9	4	J
23	666	6.4	218	J	7.1	-20	301	2.9	-2.7	-4.5	4	J
24	646	5.8	235	J	6.2	21	10	5.0	-0.3	2.1	3	J
					MAR. 15, 1975							74
1	664	5.3	235	J	4.9	-26	332	2.4	-1.2	-3.0	3	J
2	654	4.8	237	J	4.2	-7	338	2.9	-0.8	-1.0	3	J
3	668	4.3	184	J	4.6	28	318	2.5	-2.8	0.5	2	J
4	664	4.2	184	J	4.4	19	341	2.9	-1.3	0.4	3	J
5	666	4.1	177	J	4.3	27	322	2.5	-2.5	0.6	2	J
6	656	3.7	174	L	4.1	0	313	2.2	-2.2	-0.9	2	J
7	654	3.7	203	J	4.2	0	321	2.7	-2.1	-0.7	2	J
8	647	3.6	171	J	4.6	-5	306	2.4	-3.1	-1.3	2	J
9	640	3.9	148	J	4.7	10	312	2.8	-3.2	-0.1	2	J
10	624	3.6	88	J	4.8	8	333	4.0	-2.1	0.2	2	J
11	632	3.7	125	J	4.4	1	346	3.4	-0.9	-0.1	3	J
12	624	3.6	147	J	4.2	-27	327	2.3	-1.2	-1.7	3	J
13	641	3.9	191	J								
14	639	3.9	176	J								
15	614	3.5	109	J								
16	593	4.0	150	L								
17	600	4.4	138	J								
18	596	4.5	167	J								
19	593	4.6	164	J	4.2	2	339	3.0	-1.0	-0.4	3	J
20	582	4.8	160	J	5.0	-20	355	4.5	0.5	-1.6	1	J
21	582	4.4	155	J	4.8	-4	339	4.0	-1.1	-1.1	2	J
22	587	4.6	147	J	5.0	0	329	4.0	-2.0	-1.3	2	J
23	565	4.3	79	J	4.9	13	340	4.2	-1.8	-0.0	1	J
24	552	5.6	112	J	4.6	17	349	4.0	-1.4	0.6	2	J
					MAR. 16, 1975							75
1	547	6.7	123	J	4.3	-13	356	3.7	0.3	-0.9	2	J
2	542	7.0	156	J	4.2	-11	341	3.6	-0.7	-1.3	1	J
3	540	7.8	152	J	4.4	-20	355	3.8	0.4	-1.4	1	J
4	532	7.7	198	J	4.4	-11	341	4.0	-0.9	-1.4	1	J
5	523	7.2	161	J	4.6	-13	322	3.5	-2.0	-2.0	1	J
6	510	7.3	71	J	5.4	1	346	4.8	-1.2	-0.3	2	J
7	515	8.3	93	J	4.4	12	356	3.7	-0.5	0.7	3	J
8	531	7.6	113	J	5.0	-33	241	-1.7	-2.4	-3.1	3	J
9	539	6.7	90	J	7.6	-45	229	-3.3	-2.5	-5.9	2	J
10	517	6.6	86	J	8.1	-16	264	-0.8	-6.9	-3.7	2	J
11	511	6.9	71	J	8.5	-14	268	-0.2	-6.4	-3.1	5	J
12	524	7.3	110	J	7.3	-30	259	-1.1	-5.0	-4.5	2	J
13	526	8.4	149	J	7.0	2	263	-0.7	-6.0	-1.2	3	J
14	501	7.8	126	J	6.7	11	304	2.9	-4.4	-0.1	4	J
15	519	8.3	160	J	5.9	21	286	1.4	-5.3	0.5	2	J
16	524	8.7	164	J	5.8	-12	283	1.2	-4.4	-2.7	2	J
17	519	8.8	146	J	5.7	5	290	1.6	-4.2	-1.3	3	J
18	493	8.2	127	J	5.1	3	19	4.3	1.3	0.8	2	J
19	491	8.3	108	J	5.3	-9	19	4.6	1.8	0.1	2	J
20	496	6.9	96	J	5.7	5	16	4.7	0.9	1.0	3	J
21	488	6.7	90	J	5.7	5	353	5.3	-0.9	0.0	2	J
22	495	6.7	69	J	6.4	10	354	5.9	-1.1	0.5	2	J
23	497	7.0	70	J	6.9	9	340	6.2	-2.5	-0.5	2	J
24	501	6.8	88	J	6.6	1	309	3.8	-3.9	-2.6	2	J
					MAR. 17, 1975							76
1	505	6.1	81	J	6.0	0	310	3.2	-3.2	-2.1	3	J
2	505	5.1	89	J	4.3	28	356	3.5	-1.3	1.4	2	J
3	509	5.1	96	J	4.5	12	10	4.0	0.2	1.1	2	J
4	510	5.5	108	J	4.3	-17	335	3.5	-0.9	-1.8	2	J
5	529	7.3	157	J	4.7	22	2	4.0	-0.6	1.5	2	J
6	532	7.0	166	J	4.0	15	359	3.7	-0.5	0.9	1	J
7	532	7.1	152	J	3.9	39	328	2.4	-2.1	1.7	1	J
8	533	6.4	124	J	4.3	-18	258	-0.7	-2.7	-1.8	3	J
9	532	6.1	99	J	4.4	-26	206	-3.4	-1.2	-2.2	1	J
10	529	5.4	88	J	3.4	-13	203	-3.1	-1.1	-1.1	1	J
11	505	4.7	85	J	3.0	0	293	0.9	-2.2	-0.5	2	J
12	505	4.5	76	J	3.0	5	304	1.6	-2.3	-0.3	1	J
13	502	5.0	98	J	2.7	0	316	1.8	-1.7	-0.4	1	J
14	495	4.8	93	J	3.0	-7	347	2.7	-0.5	-0.4	1	J
15	489	4.4	95	J	3.2	-22	19	2.5	1.2	-0.8	1	J
16	504	4.6	87	J	3.2	9	342	2.3	-0.8	0.1	2	J
17	500	3.5	92	J	4.6	2	4	4.5	0.2	0.3	1	J
18	484	4.6	92	J	2.7	-32	17	1.7	0.9	-0.8	2	J
19	480	5.7	95	J	2.1	3	219	-0.6	-0.4	-0.2	2	J
20	465	6.2	98	J	2.6	6	322	1.7	-1.2	-0.5	1	J
21	466	5.6	100	J	3.2	-16	323	2.2	-1.0	-1.6	2	J
22	476	6.4	92	J	3.8	-27	320	1.4	-0.4	-1.5	3	J
23	481	7.4	90	J	4.8	-23	275	0.3	-2.2	-3.5	2	J
24	485	6.4	78	J	4.7	-42	257	-0.7	-0.9	-4.1	2	J
					MAR. 18, 1975							77
1	469	6.3	91	J	4.9	-9	302	2.4	-2.8	-2.7	2	J
2	462	5.6	75	J	4.7	2	327	3.5	-2.0	-1.1	2	J
3	455	5.2	69	J	4.7	12	335	4.0	-2.1	-0.2	1	J
4	452	5.0	67	J	4.8	2	336	4.3	-1.8	-0.7	1	J
5	462	4.8	71	J	4.8	-6	322	3.5	-2.3	-1.6	2	J
6	460	4.3	71	J	4.9	-6	324	2.7	-1.7	-1.0	4	J
7	497	4.9	89	J	4.5	-9	238	-2.1	-3.0	-1.6	2	J
8	483	4.9	106	J	4.2	-17	278	0.5	-3.3	-2.1	2	J
9	453	5.1	82	J	5.0	-16	325	3.7	-2.2	-1.9	2	J
10	465	5.7	97	J	4.9	0	320	2.9	-2.3	-0.5	3	J
11	497	8.0	111	J	2.7	-1	238	-1.1	-1.7	-0.4	2	J
12	486	6.6	120	J	5.0	-22	306	2.2	-2.6	-2.1	3	J
13	497	9.3	112	J	4.0	-16	182	-2.9	0.1	-0.8	3	J
14	483	8.6	94	J	4.9	-5	271	0.0	-2.6	-0.9	4	J
15					5.7	-21	264	-0.3	-2.4	-1.9	5	J
16												
17	519	6.4	114	J	7.4	-5	259	-1.3	-5.9	-3.1	3	J
18	534	5.0	100	J	6.5	3	241	-3.0	-5.0	-2.1	2	J
19	532	4.9	100	J	5.9	2	247	-2.3	-4.8	-2.3	1	J
20	520	4.8	90	J	6.0	8	257	-1.3	-5.3	-2.2	1	J
21	511	5.1	85	J	5.8	22	260	-0.9	-5.3	-1.0	2	J
22	504	5.0	78	J	5.7	22	257	-1.0	-4.7	-1.0	3	J
23	478	4.8	85	J	5.7	25	306	3.0	-4.7	-0.4	1	J
24	460	4.6	92	J	4.7	19	318	3.2	-3.2	-0.4	1	J
					MAR. 19, 1975							78
1	457	4.2	54	J	4.4	20	301	2.0	-3.6	-0.7	1	J
2	456	4.0	40	J	4.5	11	291	1.5	-3.8	-1.5	1	J
3	458	4.3	38	J	4.0	9	305	2.3	-3.1	-1.1	1	J
4	440	4.6	66	J	4.2	11	300	2.0	-3.4	-0.8	1	J
5	442	4.0	53	J	4.6	13	297	1.9	-3.9	-0.7	1	J
6	431	7.0	72	J	3.3	-6	260	-0.4	-2.1	-1.2	2	J
7	423	6.6	54	J	3.6	10	275	0.3	-2.9	-0.4	2	J
8	425	6.7	53	J	4.4	-4	245	-1.0	-2.0	-0.8	4	J
9	432	8.2	60	J	4.0	-2	243	-1.6	-3.1	-0.9	2	J
10	430	8.6	48	J	4.8	-22	204	-4.0	-1.4	-2.1	1	J
11	428	8.9	52	J	4.4	-11	205	-3.6	-1.5	-1.1	2	J
12	420	9.0	43	J	4.7	10	220	-3.2	-2.8	0.1	2	J
13	456	7.3	52	J	4.7	-6	227	-3.1	-3.1	-1.2	1	J
14	438	8.3	49	J	4.6	-19	210	-3.7	-1.6	-2.0	1	J
15	426	9.8	65	J	4.7	10	253	-0.9	-3.0	-0.3	4	J
16	442	10.8	55	J	4.4	-6	257	-0.8	-3.3	-1.6	2	J
17	432	11.7	53	J	4.1	1	229	-2.5	-2.7	-1.0	2	J
18	422	13.5	59	J	3.2	-17	251	-0.7	-1.7	-1.6	2	J
19	418	13.7	49	J	3.6	-39	261	-0.3	-1.0	-2.4	3	J
20	410	15.9	37	J	2.7	-5	265	-0.2	-1.8	-1.3	1	J
21	411	15.8	39	J	3.2	-45	264	-0.2	-0.6	-2.9	1	J
22	401	17.1	38	J	3.3	-66	293	0.4	0.6	-2.7	2	J
23	400	20.1	34	J	3.1	-48	262	-0.2	-0.3	-2.5	2	J
24	394	24.4	31	J	3.1	-3	342	2.1	-0.5	-0.5	2	J
					MAR. 20, 1975							79
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	439	0.0	0	H								
14	438	0.0	0	H								
15	409	0.0	0	H								
16	426	0.0	0	H								
17	450	0.0	0	H								
18	452	0.0	0	H								
19	444	0.0	0	H								
20	442	0.0	0	H								
21	446	0.0	0	H	4.0	-5	249	-1.0	-2.2	-1.6	3	X
22	450	0.0	0	H	3.8	-22	266	-0.2	-1.4	-2.2	3	X
23	463	0.0	0	H								
24	456	0.0	0	H								
					MAR. 21, 1975							80
1	450	0.0	0	H	2.9	1	226	-1.7	-1.6	-0.9	2	X
2	437	0.0	0	H	2.6	36	14	1.4	-0.3	1.1	2	X
3	449	0.0	0	H	3.8	-22	192	-2.8	0.0	-1.3	3	X
4					3.5	-15	116	-1.3	2.8	0.5	2	X
5					4.3	-7	59	1.8	2.9	0.9	3	X
6	365	0.0	0	H	4.4	-14	146	-3.4	2.5	-0.1	1	X
7	369	0.0	0	H								
8												
9												
10	387	0.0	0	H								
11												
12												
13	382	0.0	0	H								
14	375	0.0	0	H								
15												
16												
17												
18												
19	357	0.0	0	H								
20	348	0.0	0	H	3.9	12	100	-0.6	2.8	2.6	1	X
21	354	0.0	0	H	4.2	8	95	-0.4	3.1	2.7	0	X
22	355	0.0	0	H	4.3	16	95	-0.3	2.7	3.3	1	X
23	350	0.0	0	H	5.0	15	102	-1.0	3.0	3.7	1	X
24	343	0.0	0	H	5.5	21	117	-2.3	2.6	4.2	1	X

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 22, 1975							81					MAR. 23, 1975							82
1	341	0.0	0	H	5.6	26	105	-1.3	2.6	4.6	1	X	370	0.0	0	H	6.3	18	97	-0.6	3.3	4.1	4	X
2	353	0.0	0	H	5.6	6	91	-0.1	4.3	3.4	1	X	367	0.0	0	H	6.8	-54	251	-0.8	-0.2	-4.2	6	X
3	340	0.0	0	H	5.9	33	76	1.2	2.5	5.0	1	X	371	0.0	0	H	6.3	-69	215	-1.6	1.5	-4.8	4	X
4	338	0.0	0	H	6.0	48	78	0.8	1.4	5.6	2	X	369	0.0	0	H								
5	342	0.0	0	H	5.4	52	74	0.9	1.1	5.1	2	X	360	0.0	0	H								
6													366	0.0	0	H								
7													364	0.0	0	H								
8	353	0.0	0	H									356	0.0	0	H								
9	337	0.0	0	H									362	0.0	0	H								
10	339	0.0	0	H									358	0.0	0	H								
11	340	0.0	0	H									364	0.0	0	H								
12	332	0.0	0	H									364	0.0	0	H								
13	328	0.0	0	H									365	0.0	0	H								
14	331	0.0	0	H									368	0.0	0	H								
15	332	0.0	0	H									374	0.0	0	H								
16	332	0.0	0	H									368	0.0	0	H								
17	335	0.0	0	H									364	0.0	0	H								
18	345	0.0	0	H									358	0.0	0	H								
19	341	0.0	0	H	7.0	53	86	0.3	1.1	6.6	2	X	350	0.0	0	H								
20	342	0.0	0	H	5.8	47	81	0.5	1.0	4.4	4	X	341	0.0	0	H								
21	344	0.0	0	H	6.2	27	87	0.3	3.0	5.1	2	X	341	0.0	0	H								
22	340	0.0	0	H	5.6	48	65	1.5	0.4	5.0	2	X	343	0.0	0	H								
23	358	0.0	0	H	6.4	-1	321	4.2	-2.7	-2.0	4	X	375	0.0	0	H								
24	374	0.0	0	H	8.4	-25	279	1.2	-3.9	-4.7	3	X	370	0.0	0	H								
					MAR. 24, 1975							83					MAR. 25, 1975							84
1	370	0.0	0	H																				
2	389	0.0	0	H																				
3	398	0.0	0	H													3.6	-7	352	1.9	-0.1	-0.4	3	X
4	379	0.0	0	H													3.4	-25	71	0.8	2.7	0.0	2	X
5	373	0.0	0	H													4.0	22	110	-1.2	2.5	2.7	1	X
6	368	0.0	0	H																				
7	354	0.0	0	H													3.9	12	118	-1.3	2.1	1.3	3	X
8	354	0.0	0	H													4.1	12	188	-3.6	-0.7	0.6	2	X
9	369	0.0	0	H													4.2	15	168	-3.4	0.5	1.0	2	X
10	368	0.0	0	H													4.6	-6	114	-1.5	3.4	0.3	3	X
11	377	0.0	0	H																				
12	376	0.0	0	H																				
13	372	0.0	0	H									421	15.0	67	J	4.6	7	107	-1.2	3.9	1.4	2	J
14													426	12.7	61	J	6.6	10	155	-5.4	2.1	1.7	3	J
15													433	10.4	76	J	6.7	26	168	-5.8	0.3	3.1	1	J
16													485	4.2	122	J	7.7	21	158	-6.5	1.5	3.4	2	J
17													479	4.3	117	J	7.2	-27	113	-2.4	6.4	-0.7	2	J
18	350	37.3	43	J									481	4.7	112	J	6.1	-23	118	-2.4	5.0	0.1	2	J
19													453	5.5	97	J	5.2	-15	125	-2.6	3.8	0.7	2	J
20													448	5.5	96	J	4.9	-8	123	-2.0	2.9	1.2	3	J
21													445	4.2	75	J	5.9	-17	127	-3.2	4.4	0.9	2	J
22	383	13.3	74	J									439	4.2	66	J	6.1	-8	130	-3.7	4.1	1.8	2	J
23	381	18.0	86	J									423	4.7	59	J	5.7	-12	134	-3.7	3.7	1.3	1	J
24													413	6.4	50	J	4.9	-21	127	-2.6	3.8	0.6	2	J
					MAR. 26, 1975							85					MAR. 27, 1975							86
1	398	8.6	39	J	3.7	-8	125	-2.0	2.6	1.1	1	J	601	4.8	166	J	5.5	10	218	-3.3	-2.5	-0.8	4	J
2	396	8.1	38	J	3.9	-18	125	-2.0	3.0	0.5	2	J	615	4.2	151	J	4.9	10	180	-4.4	-0.4	0.7	2	J
3	395	8.1	49	L	4.1	-51	120	-1.3	3.4	-1.6	0	J	628	4.4	207	J	3.8	-5	197	-2.3	-0.5	-0.5	3	J
4	403	9.0	57	L	3.5	-60	154	-1.4	1.9	-2.1	2	X	568	4.4	107	J	4.7	-20	143	-3.3	2.9	-0.2	2	J
5	415	12.2	64	L	5.0	7	131	-2.8	2.8	1.8	3	X	555	4.2	92	J	4.7	2	146	-3.6	2.2	1.2	2	J
6	414	12.5	55	L									561	3.3	104	J	4.7	-4	146	-3.7	2.4	0.6	1	J
7	446	19.7	95	J									569	4.1	140	J	4.8	-12	127	-2.6	3.6	0.2	2	J
8	470	23.3	95	J	9.1	2	108	-1.8	5.1	1.7	7	J	570	5.4	163	J	4.4	-21	86	0.3	4.1	-0.4	2	J
9	487	18.9	136	J	8.8	21	165	-6.9	1.2	3.2	4	J	586	6.5	146	J	6.4	-17	67	2.3	5.7	-0.5	2	J
10	495	22.3	130	J	9.7	-43	75	1.2	5.3	-3.3	7	J	597	8.9	150	J	6.4	-17	71	1.9	5.8	-0.6	2	J
11	485	20.8	128	J	10.6	-27	87	0.4	8.2	-2.2	6	J	596	9.2	131	J	7.9	-14	63	3.1	6.3	-0.4	4	J
12	501	17.5	123	J	11.2	-41	62	3.2	7.1	-4.5	7	J	593	11.1	101	J	8.9	-1	58	4.0	6.3	1.2	5	J
13	544	9.4	272	J	11.9	17	121	-3.6	5.4	3.5	9	J	578	12.7	67	J	10.1	-18	21	8.7	3.9	-2.2	2	J
14	549	9.5	292	J	10.7	14	132	-6.5	6.4	4.1	4	J	571	14.3	61	J	11.0	-32	12	8.9	3.3	-5.0	3	J
15	552	9.5	259	J	8.4	-4	114	-3.2	7.1	1.5	3	J	560	19.6	76	J	10.2	-32	15	8.0	3.6	-4.3	3	J
16	561	7.5	216	J	8.8	10	140	-5.4	3.9	2.8	5	J	566	15.0	125	J	8.4	-57	332	3.5	0.3	-6.3	4	J
17	585	7.0	168	J	10.7	24	169	-9.1	0.1	4.5	3	J	570	19.0	103	J	10.1	-57	327	4.4	0.4	-8.6	3	J
18	633	7.5	256	J	7.2	3	73	1.0	2.8	1.6	6	J	581	8.7	154	J	13.4	-53	305	3.3	-1.0	-9.0	9	J
19	662	6.3	251	J	4.5	-17	31	2.8	2.0	-0.1	3	J	614	8.2	351	J	9.9	45	211	-5.2	-5.6	3.9	5	J
20	670	5.3	177	J	7.1	-17	23	5.5	2.9	-0.4	4	J	654	7.5	418	J	8.5	22	168	-4.7	-0.1	2.1	7	J
21	604	7.3	151	J	7.3	14	181	-6.9	-1.0	1.4	2	J	679	7.7	440	J	8.4	30	156	-5.5	0.2	4.3	5	J
22	565	8.0	132	J	6.7	23	162	-5.5	0.1	3.1	3	J	703	5.7	387	J	7.6	42	149	-3.9	-0.4	4.7	5	J
23	555	7.1	116	J	6.4	14	138	-4.4	2.4	3.5	2	J	714	3.4	198	J	5.5	27	194	-3.5	-1.8	1.0	4	J
24	591	6.5	166	J	4.7	23	199	-3.0	-1.6	0.5	4	J	708	3.3	199	J	5.5	-1	163	-3.8	1.0	0.6	4	J
					MAR. 28, 1975							87					MAR. 29, 1975							88
1	722	3.2	276	J	5.5	38	154	-2.2	-0.2	2.6	4	J	694	3.4	165	J	5.0	-3	165	-3.9	0.9	0.4	3	J
2	700	3.0	181	J	5.9	18	149	-4.2	1.3	2.7	3	J	688	3.1	173	J	4.6	-41	183	-2.9	1.2	-2.3	2	J
3	711	3.2	263	J	6.4	25	150	-4.0	0.9	3.0	4	J	643	3.0	215	J	4.6	-12	159	-3.9	1.7	-0.0	2	J
4	724	3.4	315	J	6.8	-19	119	-2.8	5.4	0.5	3	J	674	3.1	178	J	4.3	44	136	-1.5	0.3	2.4	3	J
5	722	3.6	342	J	5.6	-4	159	-4.6	1.8	0.5	3	J	659	3.2	152	L	4.2	-3	140	-2.4	2.0	0.7	3	J
6	737	3.7	338	J	5.7	0	147	-3.7	2.2	0.9	3	J	660	3.3	167	J	4.2	-52	183	-2.4	1.0	-2.9	2	J
7	739	3.9	313	J	5.6	14	175	-4.0	-0.0	1.0	4	J	645	3.6	199	J	4.1	-12	148	-2.7	1.8	-0.1	3	J
8	769	3.7	276	J	6.3	-60	146	-2.0	2.4	-3.7	4	J	642	3.7	131	J	4.0	-11	154	-2.4	1.3	-0.2	3	J
9	734	4.1	271	J	6.4	-11	157	-4.2	2.0	-0.4	5	J	632	3.8	127	J	4.5	-37	178	-3.1	0.6	-2.2	2	J
10	717	4.3	246	J	5.9	23	175	-4.5	-0.0	1.9	3	J	639	4.2	138	J	4.3	-43	157	-2.4	1.5	-2.2	2	J
11	731	4.4	260	J	6.3	-22	135	-3.3	3.6	-1.2	4	J	636	4.4	149	J	4.4	-35	147	-2.5	2.0	-1.7	3	J
12	725	4.7	308	J	6.1	-17	148	-3.8	2.6	-0.9	4	J	631	4.0	161	J	4.2	-23	118	-1.6	3.3	-0.8	2	J
13	742	4.7	320	J	6.8	-18	122	-2.6	4.5	-0.6	4	J	646	4.1	169	J	4.1	-29	118	-1.3	2.7	-0.9	3	J
14	735	4.7	289	J	7.0	4	118	-2.2	3.9	1.3	5	J	636	3.4	146	J	4.4	-30	159	-2.7	1.5	-1.4	3	J
15	721	4.0	281	J	6.0	-15	164	-4.5	1.6	-0.8	4	J	629	3.3	116	J	4.1	9	145	-2.9	1.7	1.2	2	J
16	729	3.6	270	J	5.8	-4	126	-2.8	3.8	1.0	3	J	623	3.2	81	J	4.1	-9	170	-3.5	0.8	-0.4	2	J
17	727	4.1	312	J	5.5	19	189	-3.9	-1.1	1.1	3	J	640	3.5	153	J	4.1	-17	187	-2.9	-0.0	-1.0	3	J
18	726	4.0	283	J	5.4	30	188	-3.1	-1.1	1.5	4	J	627	3.5	95	J	4.5	-34	156	-3.2	2.3	-1.5	1	J
19	711	4.0	205	J	5.2	-20	153	-2.7	1.8	-0.3	4	J	628	3.3	97	J	4.7	-29	154	-3.4	2.5	-1.0	2	J
20	720	3.5	295	J	4.6	-27	174	-3.0	1.0	-1.1	3	J	613	3.7	83	J	4.5	-1	167	-3.7	0.8	0.4	2	J
21	772	3.6	351	J	4.5	-14	133	-2.2	2.4	0.6	3	J	622	3.8	101	J	4.0	7	137	-2.6	1.8	1.6	2	J
22	697	3.6	179	J	4.9	-21	113	-1.1	2.9	0.6	4	J	612	4.5	107	J	4.0	11	191	-3.5	-1.0	0.2	2	J
23	731	3.6	228	J	4.8	2	86	0.2	2.2	1.7	4	J	606	4.1	98	J	3.9	-10	181	-3.6	0.3	-0.6	1	J
24	698	3.4	177	J	4.6	-1	144	-2.1	1.2	0.8	4	J	600	4.4	117	J	3.8	-9	181	-3.6	0.3	-0.6	1	J

03/30/75 - 04/06/75

HR	VEL	DEN	TEMP/ 100p	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 30, 1975							89					MAR. 31, 1975							90
1	594	5.0	135	J	3.1	38	181	-0.9	-0.4	0.6	3	J	548	4.4	102	J	5.5	-28	147	-3.6	3.3	-0.6	2	J
2	584	5.6	115	J	3.5	-9	105	-0.8	2.9	1.2	1	J	593	4.6	145	J	5.3	-34	172	-3.0	1.4	-1.6	4	J
3	571	5.3	104	J	3.4	-4	149	-2.1	1.1	0.4	2	J	563	4.4	119	J	4.9	-41	158	-2.6	2.0	-1.6	3	J
4	571	5.6	129	J	3.1	-6	150	-1.7	1.0	0.3	2	J	578	4.9	158	J	3.9	24	249	-0.7	-2.1	-0.0	3	J
5	571	5.1	108	J	3.2	-9	124	-1.2	1.7	0.4	3	J	588	5.8	147	J	4.9	7	143	-3.7	2.3	1.7	1	J
6	566	4.2	112	J	4.2	55	121	-0.8	0.4	2.5	3	J	591	5.6	157	J	5.4	0	123	-2.7	3.9	1.5	2	J
7	560	3.6	87	J	4.4	-5	143	-3.0	2.3	0.4	2	J	580	6.8	191	J	6.3	-1	153	-5.3	2.6	0.7	2	J
8	570	3.6	116	J	4.0	-27	139	-2.3	2.3	-0.9	2	J	577	5.5	173	J	5.7	23	138	-3.4	2.5	2.8	3	J
9	558	3.6	99	J	3.7	6	153	-2.7	1.3	0.6	2	J	592	5.8	192	J	4.3	20	240	-1.5	-2.8	0.5	3	J
10	560	3.5	79	J	4.0	-19	156	-2.9	1.5	-0.8	2	J	589	5.5	178	J	4.4	48	129	-1.3	1.1	2.5	3	J
11	571	3.8	129	J	3.3	-44	162	-1.7	0.9	-1.5	2	J	595	5.7	173	J	3.6	62	162	-1.3	-0.1	2.5	2	J
12	576	4.0	150	J	3.9	1	116	-1.3	2.6	0.7	3	J	602	5.5	158	J	3.6	-2	211	-0.9	-0.6	-0.1	4	J
13	589	4.2	151	J	4.1	-15	97	-0.4	3.6	-0.2	2	J	594	5.5	181	J	4.0	9	132	-2.1	2.1	1.0	2	J
14	572	3.9	105	J	4.3	-14	144	-2.4	1.8	-0.3	3	J	584	5.4	231	J	3.9	-7	165	-3.2	0.9	-0.2	2	J
15	559	4.3	116	J	4.7	35	127	-2.0	1.8	3.0	3	J	585	5.4	137	J	3.9	3	117	-1.6	3.0	1.1	2	J
16	563	3.9	108	J	5.0	56	177	-2.4	-1.1	3.4	3	J					5.0	20	199	-4.0	-1.8	1.0	2	J
17	566	3.7	139	J	5.1	49	202	-2.4	-2.1	2.4	3	J												
18	546	4.4	145	J	5.9	7	140	-4.3	2.9	2.2	2	J					6.9	0	215	-5.5	-3.4	-1.6	2	X
19	555	4.4	157	J	5.9	-6	129	-2.9	3.4	1.3	4	J					6.7	-17	176	-5.8	1.2	-1.4	3	X
20	557	4.1	135	J	5.9	-12	131	-2.8	3.2	0.9	4	J					6.4	-5	136	-3.9	3.5	1.5	3	X
21	578	4.9	168	J	5.5	-37	110	-1.3	4.5	-0.5	3	J	498	4.9	78	J	6.6	24	146	-4.2	1.4	3.6	3	J
22	567	4.8	146	J	5.6	-11	125	-2.5	3.3	1.3	3	J	520	5.1	94	J	6.3	0	129	-3.5	3.6	2.5	3	J
23	559	5.0	151	J	5.1	48	155	-2.5	-0.7	3.2	3	J	500	5.0	82	J	6.3	16	142	-4.4	1.9	3.2	3	J
24	555	4.7	129	J	5.3	-25	140	-3.2	3.3	-0.0	3	J	506	5.3	97	J	5.9	-2	184	-4.3	-0.1	-0.3	4	J
					APR. 1, 1975							91					APR. 2, 1975							92
1	506	5.5	111	J	5.3	-2	130	-2.7	2.7	1.7	3	J	434	5.5	162	J								
2	494	6.0	110	J	5.4	-24	167	-4.2	1.8	-1.1	3	J	475	5.7	59	L								
3	492	5.5	106	J	5.3	-14	178	-4.4	0.7	-0.9	3	J	471	5.4	55	L								
4	513	5.6	120	J	5.0	-8	106	-1.1	3.7	1.2	3	J	469	5.3	61	L								
5	518	6.1	126	J	4.8	54	166	-1.1	-0.4	1.6	4	J	468	6.4	65	L								
6	491	6.2	115	J	5.2	-4	184	-4.3	-0.2	-0.4	3	J	462	6.6	53	L								
7	500	5.8	97	J	4.9	-48	177	-2.9	1.2	-3.1	3	J	455	6.4	56	L								
8	499	5.8	91	J	4.9	-1	150	-3.1	1.8	0.4	3	J	444	7.1	69	L								
9	498	5.8	93	J									417	7.9	67	L								
10	487	5.7	90	J									411	0.0	0	H								
11	506	6.0	76	J									417	5.6	71	L								
12	493	6.9	91	J									414	0.0	0	H								
13	479	7.5	111	J																				
14	496	6.1	98	J																				
15	484	10.2	122	J									398	6.3	60	L								
16	479	8.3	89	J									401	6.8	59	L								
17	439	11.0	190	J									396	6.6	48	L								
18	456	9.0	126	J									377	5.3	49	L								
19	416	11.2	165	J									373	13.3	21	L								
20	399	10.6	254	J									374	16.9	17	L								
21	396	7.1	118	J									372	17.2	20	L								
22	386	6.5	129	J									365	16.8	17	L								
23	481	6.3	71	L									366	22.1	21	L								
24	399	9.1	273	J																				
					APR. 3, 1975							93					APR. 4, 1975							94
1	380	17.1	24	L									364	0.0	0	H	1.9	6	313	1.0	-0.9	-0.5	1	X
2	378	16.8	24	L									363	0.0	0	H	2.2	-7	307	1.2	-1.3	-1.0	1	X
3	388	19.2	24	L									362	12.7	17	L	2.3	-35	270	0.0	-0.8	-1.7	2	X
4	393	0.0	0	H	3.3	16	314	2.1	-2.3	-0.3	1	X	363	9.0	24	L	3.6	-15	302	1.6	-1.9	-1.8	2	X
5	389	0.0	0	H	2.5	21	335	2.0	-1.2	0.5	1	X	365	0.0	0	H								
6	381	0.0	0	H									358	8.2	37	L								
7	387	16.7	38	L									367	0.0	0	H								
8	396	0.0	0	H																				
9	388	8.6	49	L																				
10	387	7.7	40	L																				
11																								
12	400	0.0	0	H																				
13	392	0.0	0	H																				
14	383	9.0	44	L									366	13.1	32	L								
15	382	10.1	48	L									367	13.7	38	L								
16	378	8.2	47	L									360	15.8	33	L								
17	376	9.4	42	L									361	14.3	42	L								
18	373	8.5	42	L									370	10.1	45	L	5.5	17	326	4.3	-3.3	0.2	1	X
19	373	7.6	35	L	4.8	-18	16	3.9	1.6	-0.6	2	X	386	9.2	66	L	5.0	11	332	4.3	-2.4	-0.2	1	X
20	375	8.6	42	L	3.7	-44	343	2.4	0.5	-2.5	1	X	384	9.4	68	L	4.7	-7	312	3.0	-2.5	-2.2	1	X
21	372	8.4	34	L	2.9	-30	340	1.6	0.0	-1.2	2	X	379	0.0	0	H	4.9	-1	290	1.6	-3.7	-2.4	1	X
22	379	0.0	0	H	1.8	-48	335	0.9	0.3	-1.1	1	X	378	0.0	0	H	4.3	4	296	1.4	-2.5	-1.4	3	X
23					1.8	-6	350	1.5	-0.1	-0.3	1	X	393	10.7	55	L	5.1	-4	293	1.7	-3.1	-2.4	3	X
24	368	0.0	0	H	1.8	35	320	0.7	-0.8	0.2	2	X	393	10.9	52	L	4.9	-27	273	0.2	-2.3	-4.1	2	X
					APR. 5, 1975							95					APR. 6, 1975							96
1	379	11.0	53	L	4.7	-21	305	2.5	-2.0	-3.3	1	X	376	6.7	72	L								
2	361	13.3	41	L	5.2	0	334	4.6	-1.9	-1.1	1	X	377	5.8	89	L								
3	352	9.7	38	L	5.0	6	328	4.1	-2.5	-0.8	1	X	367	6.1	90	L								
4	352	12.2	49	L	4.9	2	333	4.2	-2.0	-0.7	1	X	365	6.0	81	L								
5	346	11.2	49	L	4.4	-4	303	2.2	-3.0	-1.6	2	X	370	7.2	89	L								
6	344	10.9	56	L									383	7.8	95	L								
7	343	10.2	44	L									372	8.3	87	L								
8	340	10.8	39	L									373	10.2	71	L								
9	340	11.7	42	L									368	11.5	61	L								
10	338	10.6	42	L									362	0.0	0	H								
11	335	10.6	36	L									352	10.7	50	L								
12	333	10.3	37	L									365	0.0	0	H								
13	329	8.7	45	L									349	0.0	0	H								
14	333	11.7	40	L																				
15	343	13.1	39	L									349	16.0	33	L								
16	341	11.8	39	L									342	15.2	45	L								
17	352	12.7	36	L									337	13.4	59	L	7.0	48	321	3.1	-4.0	3.2	3	J
18	369	15.8	44	L									360	16.4	57	L	6.7	51	323	3.0	-4.1	3.3	3	J
19	380	11.5	75	L									361	18.0	65	L	7.0	52	311	2.5	-4.7	2.9	3	J
20	375	10.9	91	L	6.9	18	307	3.3	-4.7	-0.7	4	X	382	22.9	83	L	7.3	79	307	0.7	-3.7	4.5	5	J
21	385	11.1	96	L	5.5	-20	226	-1.8	-1.1	-1.8	5	X	414	12.5	100	L	6.9	-86	68	0.1	2.4	-3.2	6	J
22	385	9.3	95	L									410	16.5	84	J	8.6	-17	127	-3.0	4.2	1.0	7	J
23	381	7.6	84	L									416	14.9	74	J	9.1	26	121	-3.7	3.1	6.5	4	J
24	377	7.2	77	L									416	7.3	121	J	9.7	26	304	4.6	-7.9	-0.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 7, 1975							97
1	429	8.1	142	J	8.6	38	299	3.0	-7.1	1.1	4	J
2	419	7.8	155	L	7.5	42	319	3.8	-5.1	2.2	3	J
3	429	8.6	159	L	7.6	55	314	2.2	-4.2	2.9	5	J
4	470	6.6	161	L	8.0	15	304	4.2	-6.4	-0.9	2	J
5	451	5.2	54	J	7.0	16	311	4.2	-5.1	-0.2	2	J
6	472	5.6	172	J	6.7	15	315	4.3	-4.6	0.0	2	J
7	483	7.0	148	J	4.8	12	273	0.2	-4.1	-0.3	3	J
8	483	6.6	139	J	6.1	58	263	-0.4	-4.3	3.9	2	J
9	484	6.8	105	J	6.3	0	140	-3.8	3.1	0.7	4	J
10	471	6.4	104	J	5.7	-28	131	-1.2	1.5	-0.6	5	J
11	459	8.5	123	L	3.9	-48	111	-0.4	1.3	-1.1	4	J
12	443	8.4	70	J	5.6	-68	251	-0.6	-0.7	-4.5	3	J
13	453	11.5	78	J	5.8	-6	210	-4.0	-2.1	-1.0	4	J
14	450	11.5	83	J	6.6	42	185	-4.7	-1.4	4.1	2	J
15	469	15.2	89	J	7.7	58	202	-3.5	-3.0	5.4	3	J
16	470	17.1	78	J	8.2	32	270	0.0	-7.7	1.8	2	J
17	445	23.6	90	J	11.2	25	62	2.8	3.8	4.4	9	J
18	471	25.0	84	J	13.5	-26	48	5.3	7.0	-1.0	10	J
19	485	35.4	136	L								
20	486	13.0	142	J	13.8	3	248	-4.5	-9.9	-5.1	7	J
21	505	9.4	449	J	10.6	-1	296	3.8	-6.5	-4.3	6	J
22	548	8.0	327	J	9.1	2	292	2.8	-5.9	-3.6	5	J
23	572	8.0	218	J	9.8	-8	309	4.1	-3.7	-3.6	7	J
24	600	8.3	288	J	6.7	1	16	2.9	0.6	0.5	6	J
					APR. 8, 1975							98
1	664	5.7	322	J	6.2	16	248	-2.0	-5.0	-1.4	3	J
2	613	5.8	326	J	7.9	15	260	-1.2	-6.8	-1.9	3	J
3	650	3.7	236	J	3.7	6	282	0.6	-2.5	-1.0	3	J
4	648	3.7	202	J	3.3	-4	312	1.2	-1.1	-0.7	3	J
5	630	3.7	152	J	3.1	24	327	1.5	-1.2	0.3	3	J
6	634	4.2	184	J	3.6	-31	243	-0.9	-1.2	-1.6	3	J
7	622	4.7	154	J	3.3	-43	259	-0.3	-0.9	-1.5	3	J
8	570	5.7	124	J	4.9	-2	316	3.3	-3.0	-1.0	2	J
9	568	6.6	110	J	5.6	-19	331	3.8	-1.7	-1.9	3	J
10	575	7.6	134	J	5.9	-37	302	1.8	-2.2	-3.0	4	J
11	608	7.9	176	J	5.7	0	217	-3.8	-2.7	-0.5	3	J
12	577	8.3	225	J	5.9	-15	313	2.8	-2.7	-1.7	4	J
13	605	7.4	248	J	7.7	8	289	1.5	-4.4	-0.2	6	J
14	672	7.8	473	J	7.8	11	323	2.9	-2.3	0.2	7	J
15	662	8.7	425	J	8.3	-21	323	5.1	-3.1	-3.5	5	J
16	673	9.2	431	J	9.0	-10	319	5.3	-4.0	-2.7	5	J
17	671	10.1	369	J	8.6	6	316	5.1	-4.8	-1.2	5	J
18	689	8.2	400	J	8.2	1	287	1.6	-4.9	-2.1	6	J
19	705	4.8	266	J	5.2	11	289	0.7	-1.9	-0.5	5	J
20	692	3.8	200	J	4.5	-27	305	1.7	-1.3	-2.5	3	J
21	679	3.6	245	J	4.9	70	331	1.0	-2.1	2.4	4	J
22	671	3.4	259	J	4.0	75	356	0.9	-2.0	2.8	2	J
23	687	3.3	215	J	4.4	64	346	1.6	-2.2	2.5	2	J
24	697	2.8	228	J	3.6	-15	261	-0.3	-1.3	-1.5	3	J
					APR. 9, 1975							99
1	713	3.7	232	J	4.6	-8	228	-2.8	-2.3	-2.2	2	J
2	690	3.5	175	J	5.0	-17	240	-2.1	-2.4	-3.0	2	J
3	669	4.2	248	L	5.4	-31	262	-0.6	-2.7	-4.5	1	J
4	675	4.1	222	J	5.7	-43	289	1.2	-1.6	-4.7	2	J
5	665	4.9	286	J	5.9	-48	289	1.2	-1.6	-5.1	2	J
6	638	5.7	297	L	6.5	-55	320	2.5	-0.4	-5.1	3	J
7	668	5.5	397	J	6.6	-35	316	2.8	-1.8	-3.5	5	J
8	678	5.4	362	J	5.4	0	323	3.2	-2.3	-0.6	4	J
9	684	4.9	252	J	6.7	-30	321	3.0	-2.0	-2.7	5	J
10	689	5.8	296	J	6.9	-31	358	3.4	0.3	-2.1	6	J
11	677	6.2	297	J	7.1	-22	320	4.0	-2.9	-2.7	4	J
12	686	6.4	270	J	6.5	14	50	2.9	3.1	1.7	5	J
13	673	5.7	278	J	5.7	-25	12	3.2	1.0	-1.3	4	J
14	671	5.6	241	J	6.8	-10	29	4.7	2.8	-0.4	4	J
15	669	5.0	217	J	5.7	14	355	4.6	-0.7	1.0	3	J
16	677	4.5	202	J	5.0	13	12	3.5	0.4	1.0	3	J
17	693	4.2	202	J	6.1	-27	263	-0.5	-3.2	-3.6	4	J
18	687	4.7	197	J	7.8	-15	277	0.7	-4.8	-4.0	5	J
19	671	4.9	212	J	6.4	-4	297	2.5	-4.2	-2.6	3	J
20	670	5.3	225	J	5.9	7	271	0.1	-4.4	-1.8	4	J
21	679	5.2	203	J	6.2	10	251	-1.8	-4.9	-1.9	2	J
22	633	4.8	152	J	5.9	-6	308	2.4	-2.4	-2.0	4	J
23	628	6.3	168	J	6.9	10	325	3.9	-2.7	-0.8	5	J
24	663	6.9	267	J	6.8	-4	251	-1.6	-3.8	-2.8	5	J
					APR. 10, 1975							100
1	612	6.9	200	J	7.7	37	332	5.1	-4.6	2.2	3	J
2	629	6.0	242	J	8.2	-21	288	1.7	-3.5	-4.5	6	J
3	612	5.6	222	J	8.3	7	294	3.0	-6.3	-2.4	4	J
4	619	5.6	248	J	7.2	-22	297	2.6	-3.5	-4.2	4	J
5	643	5.5	311	J	6.3	-2	291	1.9	-4.4	-2.1	4	J
6	631	5.2	272	J	5.8	-22	349	3.3	-0.1	-1.4	5	J
7	661	5.4	329	J	6.0	21	43	2.0	1.5	1.6	5	J
8	669	5.1	268	J	5.7	5	61	1.8	3.0	1.1	4	J
9	653	5.2	236	J	6.3	-16	309	2.9	-3.2	-2.0	4	J
10	655	5.1	243	J	6.0	-1	309	3.3	-3.9	-0.9	3	J
11	663	5.1	237	J	6.1	-1	303	2.5	-3.8	-0.8	4	J
12	668	5.2	221	J	5.8	-31	310	2.3	-2.3	-2.6	4	J
13	660	5.2	208	J	5.6	5	311	2.6	-3.0	-3.3	4	J
14	666	5.8	241	J	5.5	31	319	1.9	-2.4	2.6	4	J
15	666	5.8	223	J	5.5	29	348	3.2	-1.2	1.5	4	J
16	665	5.6	219	J	5.5	32	354	3.3	-0.9	1.9	4	J
17	648	5.4	213	J	5.5	24	346	3.9	-1.6	1.3	3	J
18	671	4.9	225	J	5.7	-8	299	2.3	-3.5	-2.4	3	J
19	658	5.0	254	J	5.3	11	313	2.8	-3.0	-0.7	3	J
20	679	4.6	216	J	5.2	79	291	0.3	-2.8	3.2	3	J
21	643	4.2	219	J	5.1	9	310	2.3	-2.6	-0.9	4	J
22	655	3.9	198	J	5.7	-4	282	1.0	-3.9	-2.9	3	J
23	656	4.0	181	J	5.2	6	312	1.9	-1.9	-2.9	4	J
24	631	4.0	161	J	5.2	41	357	3.1	-1.6	2.1	3	J
					APR. 11, 1975							101
1	650	3.4	157	J	5.2	-28	283	0.6	-1.5	-2.7	4	J
2	678	3.4	193	J	6.3	19	232	-3.4	-4.8	-0.6	2	J
3	627	3.5	150	J	5.4	2	314	2.6	-2.4	-1.2	4	J
4	639	3.8	228	J	6.4	-45	331	4.0	-0.1	-5.0	1	J
5	666	4.0	228	J	5.7	-12	303	2.5	-3.2	-2.4	3	J
6	688	4.2	231	J	5.6	32	295	1.7	-4.2	1.2	3	J
7	673	4.0	255	J	5.4	-7	310	2.8	-3.0	-1.4	3	J
8	678	3.8	219	J	5.4	17	294	1.6	-3.9	0.2	3	J
9	660	3.9	204	L	5.3	-26	310	2.7	-2.7	-2.6	3	J
10	656	4.1	219	J	5.2	-20	360	4.1	0.3	-1.5	3	J
11	671	4.2	187	J	5.6	-54	354	2.7	0.4	-3.8	3	J
12	677	4.2	198	J	5.3	-32	339	2.8	-0.7	-2.1	4	J
13	670	4.7	190	J	5.3	18	322	3.1	-2.7	0.8	3	J
14	658	4.6	187	J	5.2	17	339	3.5	-1.5	0.8	3	J
15	662	4.4	200	J	5.1	-9	309	2.8	-3.2	-1.6	2	J
16	632	4.5	133	J	5.1	3	313	3.1	-3.2	-0.8	3	J
17	624	4.4	128	J	5.2	-1	316	3.3	-2.9	-1.3	2	J
18	629	4.4	108	J	5.4	11	321	3.4	-2.9	-0.3	3	J
19	636	4.2	139	J	5.5	16	298	1.8	-3.6	-0.6	4	J
20	605	4.0	119	J	5.5	26	340	4.2	-2.4	1.2	2	J
21	589	4.1	243	J	5.4	7	342	4.9	-1.7	-0.3	1	J
22	593	4.1	178	J	5.9	-1	334	4.9	-2.0	-1.4	2	J
23	576	4.0	132	L	6.2	1	325	4.9	-2.9	-1.8	2	J
24	592	3.6	118	J	6.5	18	315	4.0	-4.4	-0.6	2	J
					APR. 12, 1975							102
1	575	3.7	126	J	6.1	22	327	4.6	-3.7	0.3	1	J
2	586	4.0	175	J	5.7	-9	309	2.9	-2.7	-2.4	3	J
3	562	3.9	70	J	6.1	22	343	5.1	-2.4	1.2	2	J
4	560	4.0	97	J	6.0	4	330	4.6	-2.5	-0.7	3	J
5	548	4.0	94	J	6.2	4	343	5.6	-1.7	-0.3	2	J
6	583	4.6	141	J	5.9	16	320	3.3	-3.0	0.2	4	J
7	603	5.2	191	J	5.0	-5	293	1.5	-3.3	-1.3	3	J
8	601	5.2	158	J	5.2	48	301	1.4	-3.1	2.4	3	J
9	601	4.8	170	J	5.7	-32	290	1.3	-3.0	-3.1	4	J
10	633	4.9	150	J	5.6	-61	210	-2.2	-3.4	-4.7	2	J
11	635	4.3	149	J	4.7	-37	291	1.2	-2.6	-3.0	2	J
12	628	4.5	137	J	4.0	-14	320	2.6	-2.0	-1.2	2	J
13	616	4.2	116	J	4.1	5	341	3.7	-1.3	0.0	2	J
14	627	4.4	136	J	3.4	10	21	2.6	0.9	0.7	2	J
15	621	4.7	124	J	4.2	-10	9	3.6	0.7	-0.4	2	J
16	618	4.2	117	J	5.7	5	339	4.8	-2.0	-0.1	2	J
17	624	4.9	140	J	4.0	10	351	3.3	-0.7	0.4	2	J
18	615	4.5	153	J	5.1	1	357	4.0	-0.2	0.0	3	J
19	614	4.8	168	J	5.7	30	323	3.6	-2.6	1.1	2	J
20	600	5.0	156	J	6.1	31	340	4.6	-2.9	1.7	2	J
21	598	5.3	158	J	6.1	0	337	5.1	-1.9	-1.2	3	J
22	636	5.0	160	J	6.5	-45	264	-0.4	-1.1	-5.5	3	J
23	642	5.3	176	J	6.0	-32	268	-0.2	-2.3	-5.0	3	J
24	633	5.0	137	J	5.1	-13	301	2.2	-2.5	-2.8	3	J
					APR. 13, 1975							103
1	649	4.7	140	J	5.5	-17	264	-0.5	-3.0	-3.4	3	J
2	626	5.4	151	J	4.8	-23	318	2.5	-1.3	-2.4	3	J
3	618	5.0	116	J	4.4	13	331	3.3	-2.0	-0.0	2	J
4	618	5.1	109	J	5.0	12	340	3.7	-1.5	0.2	3	J
5	625	5.1	140	J	4.7	22	346	3.2	-1.2	0.9	3	J
6	611	5.2	116	J	5.3	21	334	3.9	-2.4	1.0	2	J
7	648	5.4	201	J	4.9	-44	286	0.7	-1.7	-3.1	4	J
8	634	5.5	223	J	5.3	-25	300	2.1	-3.1	-2.8	3	J
9	619	5.0	145	J	5.0	12	344	4.1	-1.4	0.6	2	J
10	614	5.0	170	J	4.4	42	4	2.7	-0.3	2.4	3	J
11	604	4.5	212	J	4.7	11	326	3.6	-2.5	0.4	2	J
12	621	4.7	134	J	4.8	3	312	3.0	-3.3	-0.4	1	J
13	611	4.7	146	J	4.7	-8	329	3.9	-2.2	-1.1	1	J
14	599	4.8	177	J	4.9	-13	2	4.3	0.3	-1.0	2	J
15	581	5.5	192	J	5.8	5	17	5.0	1.3	0.9	2	J
16	601	6.3	389	J	5.0	9	336	4.2	-2.0	0.1	2	J
17	605	5.2	112	J	6.1	17	356	5.4	-1.0	1.4	2	J
18	628	4.7	123	J	5.8	44	356	4.0	-1.9	3.4	2	J
19	605	5.4	167	J	5.6	-7	282	1.0	-3.8	-2.6	3	X
20	643	5.3	187	J	4.0	-61	353	1.4	0.5	-1.2	4	X
21	621	4.4	190	J	3.1	-2	280	0.4	-1.7	-1.1	3	X
22	617	3.7	143	J	3.7	-56	313	1.3	0.4	-3.0	2	X
23	619	3.9	145	J	3.8	-29	314	2.2	-0.9	-2.6	1	X
24	601	3.9	161	J	3.6	-30	349	1.8	0.3	-1.1	3	X
					APR. 14, 1975							104
					4.4	-36	308	1.6	-0.8	-2.7	3	X
					4.1	-22	287	0.8	-1.9	-2.4	3	X
					4.0	-38	265	-0.2	-1.2	-2.8	3	X
					4.7	-23	233	-2.3	-2.0	-2.7	3	X
	602	4.0	128	L								
	579	3.9	141	L								
	575	4.2	136	L								
	590	4.1	145	L								
	576	4.4	149	L								
	566	4.8	157	L								
	573	4.6	154	L								
	582	4.3	152	L								
	578	5.6	167	L								
	570	5.5	142	L								
	577	5.4	126	L								
	569	5.0	113	L								
	561	4.9	123	L								
	560	4.5	109	L								
	548	4.9	98	L	3.4	-2	259	-0.3	-1.3	-0.9	3	X
	520	4.4	99	L	4.3	-5	216	-3.2	-1.7	-1.6	2	X
	510	3.6	123	L	3.2	11	231	-1.9	-2.3	-0.8	1	X
	522	2.8	97	L	3.4	9	212	-2.8	-1.8	-0.6	1	X

04/15/75 - 04/22/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					APR. 15, 1975							105
1	505	3.7	128	L								
2	517	3.3	100	L	2.7	-8	228	-1.5	-1.3	-1.1	1	K
3	495	1.8	67	L								
4	499	2.0	89	L	2.6	5	252	-0.8	-2.3	-0.8	1	K
5	492	0.0	0	H	2.8	26	252	-0.7	-2.4	0.2	1	K
6	474	3.3	96	L								
7	461	5.0	107	L								
8	471	5.1	103	L								
9	460	5.7	88	L								
10	466	5.6	81	L								
11	464	5.2	79	L								
12	449	5.3	78	L								
13	452	6.0	78	L								
14	442	6.4	76	L								
15	460	7.1	88	L								
16	439	6.1	79	L								
17	470	8.9	68	L								
18	456	7.0	91	L								
19	460	6.4	78	L								
20	452	5.9	76	L								
21	431	6.0	76	L								
22	437	6.9	75	L								
23	447	5.2	69	L								
24	432	4.5	60	L								
					APR. 16, 1975							106
	443	5.6	68	L								
	434	4.6	53	L								
	413	0.0	0	H								
	409	0.0	0	H								
	421	0.0	0	H								
	409	0.0	0	H								
	418	0.0	0	H								
	417	0.0	0	H								
	411	0.0	0	H								
	408	0.0	0	H								
	390	8.3	49	L								
	390	7.9	39	L								
	385	6.6	39	L								
	387	5.5	36	L								
	371	10.0	38	L								
	374	0.0	0	H								
	345	6.8	32	L								
	347	7.7	20	L								
	351	8.9	29	L								
	345	7.6	43	L								
	340	7.0	38	L								
	334	8.8	37	L								
					APR. 17, 1975							107
1	329	10.1	33	L								
2	330	9.8	29	L								
3	314	8.9	17	L								
4	312	10.9	16	L								
5	320	10.1	22	L								
6	326	11.3	26	L								
7												
8	330	0.0	0	H								
9												
10												
11	337	0.0	0	H								
12												
13	335	12.0	32	L								
14	336	12.4	42	L								
15	339	15.6	49	L								
16	345	18.5	54	L								
17	340	19.9	55	L								
18												
19					7.7	11	84	0.7	5.9	4.5	2	K
20	340	0.0	0	H	7.4	11	77	1.6	5.2	4.4	2	K
21	342	19.3	60	L	6.3	40	80	0.8	1.9	5.5	2	K
22	330	15.7	55	L	6.0	31	91	-0.1	2.4	4.7	3	K
23	315	16.5	39	L	5.9	0	115	-2.4	4.4	2.8	1	K
24	315	18.7	33	L	5.1	7	110	-1.5	3.3	2.7	2	K
					APR. 18, 1975							108
	318	20.8	28	L								
	317	22.0	26	L								
	316	29.3	23	L	5.1	-2	108	-1.5	4.1	1.9	2	K
					5.6	-7	105	-1.4	5.0	1.5	2	K
	336	0.0	0	H								
	335	16.9	48	J								
	346	16.2	44	J								
	350	15.1	29	J								
	344	16.6	43	J	5.4	6	142	-3.9	2.9	1.3	2	J
	336	15.1	37	J	4.8	51	143	-1.2	0.3	2.0	4	J
	355	9.0	48	J	5.1	-17	156	-2.1	1.1	-0.3	4	J
	355	11.3	48	J	4.4	-6	258	-0.8	-3.2	-1.8	2	J
	374	11.6	48	J	4.6	-17	204	-3.8	-0.9	-1.9	1	J
	362	10.3	50	J	4.3	-3	282	0.5	-1.9	-1.2	4	J
	357	9.7	43	J	4.2	13	309	1.6	-2.0	-0.5	3	J
	356	11.2	40	J	3.4	6	248	-1.0	-2.2	-1.0	2	J
	351	10.4	43	J	4.3	-21	294	1.6	-2.2	-3.2	1	J
	349	11.8	36	J	3.4	-53	298	0.8	-0.1	-2.7	2	J
					APR. 19, 1975							109
1	344	13.9	31	J	3.2	-2	297	1.1	-1.7	-1.2	2	J
2	347	16.2	48	J	3.6	-13	353	2.7	0.0	-0.7	2	J
3	352	16.1	36	J	2.5	-57	29	1.1	1.4	-1.4	1	J
4	344	17.4	31	J	3.7	-24	130	-1.8	2.5	-0.3	2	J
5	342	19.7	32	J	4.7	-19	137	-3.0	3.1	-0.3	2	J
6	336	21.9	31	J	4.6	-28	121	-2.0	3.8	-0.9	2	J
7	336	24.8	13	J	5.8	-10	112	-2.1	5.2	0.4	1	J
8	332	15.9	24	J	6.2	-42	126	-2.4	3.9	-2.8	3	J
9	329	18.8	20	J	6.3	-47	95	-0.4	5.0	-3.6	1	J
10	327	16.3	20	J	6.3	-43	83	0.6	5.1	-3.4	1	J
11	323	19.4	24	J	5.1	-43	99	-0.6	4.1	-2.8	1	J
12	320	17.2	18	J	6.6	-31	104	-1.3	5.6	-2.3	2	J
13	325	20.9	13	J	7.8	-22	122	-3.6	6.1	-1.6	3	J
14	337	24.8	14	J	9.1	-24	118	-3.8	7.7	-2.1	2	J
15	345	29.6	20	J	8.6	-23	112	-2.9	7.7	-1.4	2	J
16	348	30.3	32	J	8.7	38	159	-5.7	0.7	5.1	4	J
17	354	18.4	63	J	9.3	19	138	-6.0	4.1	4.5	4	J
18	354	18.2	68	J	8.7	-25	109	-2.3	7.4	-0.4	4	J
19	356	15.7	71	J	8.9	2	123	-4.2	5.7	3.2	4	J
20	356	7.2	70	J	10.9	-4	131	-6.8	7.2	3.2	3	J
21	356	7.3	62	J	10.9	2	139	-8.1	5.8	3.9	2	J
22	375	8.7	95	J	10.6	10	147	-8.7	3.8	4.5	2	J
23	380	8.8	85	J	10.6	22	168	-9.2	-0.3	4.3	3	J
24	362	10.7	76	J	9.1	3	135	-5.8	4.7	3.4	4	J
					APR. 20, 1975							110
	372	11.0	56	J	8.8	-2	140	-5.6	4.2	2.1	3	J
	371	11.4	47	J	8.0	3	136	-5.5	4.4	2.9	2	J
	372	12.0	42	J	7.2	-4	133	-4.8	4.8	1.8	1	J
	364	11.5	52	J	7.0	1	137	-4.9	4.2	2.0	2	J
	363	11.2	47	J	6.2	21	128	-3.5	3.4	3.7	1	J
	357	15.1	40	J	5.4	1	112	-1.9	4.4	1.5	2	J
	360	17.9	35	J	4.8	-27	77	0.7	3.4	-0.7	3	J
	367	16.5	45	J	4.9	-44	15	2.9	1.4	-2.7	3	J
	395	12.9	47	J	4.7	-40	40	2.3	2.3	-2.1	3	J
	383	16.7	53	J	5.5	-45	48	2.5	3.4	-3.2	1	J
	388	13.1	67	J	5.1	-29	80	0.7	4.2	-1.6	3	J
	391	11.3	108	J	5.2	18	167	-4.4	0.8	1.6	2	J
	447	12.5	86	J	7.7	-18	116	-2.7	5.8	-1.0	4	J
	450	13.6	92	J	8.3	-24	109	-2.3	7.3	-1.8	3	J
	451	14.4	81	J	8.6	-25	118	-3.5	7.3	-1.8	2	J
	447	15.7	66	J	9.3	-32	112	-2.9	8.3	-2.5	2	J
	451	19.2	39	J	10.2	-43	112	-2.5	7.8	-3.6	5	J
	459	16.9	65	J	11.3	-60	333	4.5	1.3	-8.9	5	J
	484	10.5	39	J	13.7	-80	98	-0.3	7.8	-10.6	4	J
	504	10.2	41	J	14.1	-77	131	-2.1	8.6	-10.8	2	J
	513	14.5	42	J	13.9	-61	132	-4.4	10.2	-7.7	3	J
	498	11.2	44	J	14.3	-38	129	-7.0	11.9	-2.9	3	J
	492	12.9	68	J	13.8	-36	132	-7.3	11.1	-2.4	4	J
	492	20.7	123	J	9.5	-9	127	-5.2	6.6	2.4	4	J
					APR. 21, 1975							111
1	486	20.6	109	J								
2	480	23.2	129	J	9.4	-7	132	-4.9	5.3	1.9	6	J
3	489	24.3	161	J	7.0	32	105	-1.4	3.2	5.4	3	J
4	483	24.3	175	J	8.2	14	123	-3.9	4.8	4.1	4	J
5	490	24.2	133	J	11.4	27	111	-3.5	6.8	7.9	3	J
6	484	24.1	110	J	14.2	37	124	-6.1	6.1	10.6	4	J
7	487	28.0	116	J	11.4	54	109	-2.0	3.5	9.8	4	J
8	492	27.0	156	J	10.2	82	292	0.3	-2.1	5.8	8	J
9	505	22.6	160	J	11.1	42	293	3.1	-8.6	5.7	3	J
10	501	27.4	128	J	10.5	43	301	3.8	-7.3	5.8	3	J
11	509	32.2	129	J	10.0	17	294	3.3	-7.6	1.4	5	J
12	514	30.4	132	J	10.9	73	277	0.4	-4.3	9.0	5	J
13	529	20.6	202	J	12.6	24	126	-3.9	4.8	3.9	10	J
14	569	8.1	515	J	12.0	-14	111	-3.5	9.5	-0.6	6	J
15	553	7.7	427	J	12.3	-13	106	-2.3	8.3	-0.0	9	J
16	640	4.4	183	J	7.6	-4	153	-4.4	2.2	0.3	6	J
17	652	2.9	155	J	4.8	4	171	-3.6	0.5	0.5	3	J
18	651	3.0	157	J	5.3	-9	161	-4.0	1.6	-0.1	3	J
19	645	2.9	142	J	5.1	-1	174	-3.8	0.4	0.1	3	J
20	647	2.8	152	J	5.0	27	137	-3.0	1.5	3.2	2	J
21	654	2.8	164	L	5.0	26	115	-1.6	2.0	3.3	3	J
22	707	2.9	189	J	4.3	-6	53	2.0	2.5	1.1	3	J
23	667	3.2	175	J	4.3	55	134	-1.3	-0.3	2.9	3	J
24	643	3.3	192	J	4.6	32	142	-2.5	0.7	2.8	3	J
					APR. 22, 1975							112
	631	3.4	125	J	4.2	-34	148	-2.5	2.3	-1.0	2	J
	612	3.5	108	J	4.2	26	183	-3.4	-1.0	1.4	2	J
	619	3.6	125	J	4.2	43	161	-2.4	-0.3	2.5	2	J
	621	3.6	125	J	4.3	24	130	-1.9	1.6	2.1	3	J
	597	3.6	134	L	4.6	-3	135	-2.7	2.6	0.8	3	J
	595	3.7	121	J	4.7	-7	159	-3.3	1.4	0.0	3	J
	588	4.0	152	J	4.7	-21	181	-3.8	0.3	-1.5	2	J
	574	4.3	135	J	5.0	-8	170	-4.3	0.9	-0.4	3	J
	586	4.7	142	J	4.8	-6	152	-2.9	1.5	-0.0	4	J
	593	4.5	130	J	4.6	63	103	-0.4	1.3	4.0	2	J
	590	4.4	137	J	4.8	51	103	-0.6	2.2	3.8	2	J
	583	4.5	141	J	4.5	22	128	-2.1	2.4	1.7	3	J
	587	4.9	134	J	4.4	-7	136	-2.0	1.9	0.0	3	J
	587	5.0	109	J	4.5	-7	167	-2.5	0.6	-0.2	4	J
	609	5.5	138	J	4.6	61	64	0.6	0.6	2.6	4	J
	596	5.6	151	J	4.7	-6	129	-2.1	2.6	0.4	3	J
	602	5.3	146	J	4.4	38	138	-1.3	0.7	1.7	4	J
	590	5.3	138	J	4.5	36	164	-2.3	-0.1	1.9	3	J
	579	5.1	118	J	4.7	28	179	-3.2	-0.7	1.6	3	J
	592	4.9	165	J	5.4	-35	131	-2.7	4.1	-1.1	2	J
	577	4.8	147	J	5.0	24	133	-2.1	1.2	2.2	4	J
	583	5.0	196	J	5.1	-30	186	-2.6	0.5	-1.4	4	J
	577	5.1	144	J	5.4	19	207	-3.8	-2.4	0.3	3	J
	574	4.9	134	J	5.4	-7	159	-4.1	1.6	0.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					APR. 23, 1975							113					APR. 24, 1975							114
1	564	4.6	93	J	5.4	-10	196	-4.5	-0.7	-1.3	2	J	734	3.4	242	J	5.7	-27	126	-2.5	4.1	-0.2	3	J
2	580	5.4	204	J	5.2	-16	176	-4.3	0.8	-0.9	3	J	727	3.5	263	J	5.7	-23	105	-1.3	5.2	0.4	2	J
3	594	5.5	153	J	5.4	41	144	-2.2	0.4	2.9	4	J	70[illegible]	3.6	211	L	5.6	0	138	-3.3	2.7	1.3	3	J
4	602	6.0	188	J	5.7	-10	147	-3.4	2.3	0.2	4	J	726	3.8	270	J	5.3	40	132	-1.6	0.9	2.5	4	J
5	595	6.1	207	J	5.9	-7	156	-4.6	2.2	0.2	3	J	697	3.8	184	J	5.1	11	163	-3.8	0.9	1.2	3	J
6	598	5.3	147	J	6.9	-27	133	-3.7	4.7	-1.5	3	J	696	3.9	134	J	5.1	0	168	-4.1	0.9	0.3	3	J
7	585	5.4	114	J	7.9	-9	137	-5.3	5.1	0.1	3	J	690	3.9	170	J	4.6	-15	194	-3.4	-0.6	-1.1	3	J
8	668	6.2	223	J	7.7	3	128	-3.3	4.1	1.2	5	J	703	3.9	218	J	4.1	20	147	-2.0	1.1	1.1	3	J
9	676	5.8	224	J	6.9	-13	129	-3.4	4.3	-0.4	4	J	686	4.3	206	J	4.2	10	132	-1.8	1.9	0.8	3	J
10	683	5.5	209	J	6.7	-19	116	-2.3	4.9	-1.1	4	J	665	4.5	286	J	5.6	-31	143	-3.4	3.0	-2.2	3	J
11	684	5.2	194	J	6.5	-34	148	-3.9	2.8	-2.7	3	J	698	3.9	182	J	5.6	-1	110	-1.7	4.8	0.6	2	J
12	681	5.3	219	J	5.7	28	157	-4.1	1.3	2.5	3	J	708	4.1	204	J	4.1	10	158	-1.4	0.6	0.4	4	J
13	698	5.5	271	J	5.9	18	106	-1.3	4.3	2.2	3	J	698	4.1	171	J	4.3	26	146	-2.5	1.4	1.8	3	J
14	708	5.2	252	J	5.4	81	169	-0.5	-0.6	3.4	4	J	684	4.0	155	J	4.8	0	150	-3.1	1.8	0.3	3	J
15	691	4.7	206	J	6.2	27	143	-3.2	1.9	2.5	4	J	708	4.1	251	J	4.6	12	112	-1.1	2.6	1.2	3	J
16	718	4.9	243	J	6.3	-49	200	-2.4	-0.0	-3.0	5	J	718	3.7	227	J	4.9	7	94	-0.3	3.4	1.5	3	J
17	730	4.5	318	J	5.3	-5	203	-2.4	-0.9	-0.5	5	J	691	3.6	169	J	4.6	9	123	-1.7	2.4	1.4	3	J
18	726	4.2	325	J	5.5	-14	131	-3.1	3.7	0.2	3	J	680	3.5	199	J	4.5	8	105	-0.6	2.0	1.2	4	J
19	717	4.4	341	J	5.2	1	165	-3.5	0.8	0.5	4	J	680	3.3	171	J	5.2	-5	129	-2.4	2.8	1.0	4	J
20	754	3.9	291	J	5.8	-24	99	-0.7	5.1	0.4	2	J	687	3.3	162	J	5.1	-12	121	-2.3	3.8	1.0	2	J
21	750	3.9	282	J	5.6	-26	118	-2.1	4.4	0.1	3	J	674	3.1	132	J	4.8	5	178	-4.2	-0.1	0.4	2	J
22	724	4.0	257	J	5.8	0	139	-3.3	2.5	1.5	4	J	724	2.8	194	J	5.0	4	72	1.2	3.0	2.2	3	J
23	732	3.7	266	J	5.9	3	117	-2.2	3.6	2.6	3	J	667	3.0	160	J	4.1	3	169	-2.7	0.4	0.3	3	J
24	732	3.6	223	J	5.9	-4	115	-1.9	3.6	1.8	4	J	695	2.8	169	J	4.7	11	109	-1.2	2.6	2.4	3	J
					APR. 25, 1975							115					APR. 26, 1975							116
1	689	3.0	187	J	5.1	-8	114	-1.4	3.1	1.2	4	J	595	3.4	145	J	3.7	-32	200	-2.6	0.1	-1.9	2	J
2	715	2.9	224	J	5.0	3	72	1.3	3.5	2.1	3	J	591	3.3	148	L	3.9	-8	123	-1.9	2.8	0.9	2	J
3	691	2.9	178	J	4.4	-13	108	-1.3	3.9	0.9	1	J	580	3.6	156	J	4.0	-4	124	-1.6	2.3	0.8	3	J
4	703	2.7	194	J	4.4	-22	98	-0.5	4.0	0.1	2	J	584	3.6	142	J	4.0	46	101	-0.5	1.3	3.4	2	J
5	672	2.6	183	J									561	3.2	119	J								
6	656	3.0	186	J	4.9	45	181	-2.8	-0.8	2.7	3	J	579	3.5	126	J								
7	666	3.6	240	J	4.0	38	159	-2.1	0.4	1.9	3	J	549	3.5	140	J								
8	664	3.5	264	J	2.8	-1	198	-2.2	-0.7	-0.1	2	J	522	4.2	174	J								
9	657	3.5	251	J	3.1	-13	156	-2.0	1.0	-0.3	2	J												
10	651	3.3	187	J	4.0	27	118	-1.4	2.4	1.9	2	J												
11	670	3.0	167	J	3.9	26	72	0.9	2.5	1.8	2	J												
12	637	2.9	132	J	3.6	20	116	-1.2	2.2	1.3	2	J												
13	627	2.9	137	J	3.4	17	147	-2.2	1.4	1.0	2	J												
14																								
15	614	2.6	144	L	3.9	-31	150	-2.8	2.0	-1.6	1	J	496	0.0	0	H								
16	599	2.8	116	J	3.6	-12	154	-3.0	1.6	-0.3	1	J	491	0.0	0	H								
17	600	2.7	124	J	3.8	-19	188	-3.3	-0.1	-1.2	2	J	484	0.0	0	H	4.0	-32	165	-2.7	1.2	-1.4	2	X
18	598	2.8	124	J	4.0	-14	190	-3.5	-0.2	-1.1	2	J	497	0.0	0	H								
19	597	2.7	125	J	3.7	5	148	-3.0	1.5	1.0	1	J	495	0.0	0	H								
20	599	2.8	116	J	3.8	27	129	-2.1	1.5	2.7	1	J	498	0.0	0	H	2.8	-20	164	-1.3	0.6	-0.3	3	X
21	601	2.9	127	J	3.9	-5	121	-1.7	2.7	1.2	2	J	488	0.0	0	H	2.9	-44	133	-0.9	1.5	-0.6	2	X
22	598	2.9	141	J	3.5	13	130	-1.9	1.6	1.8	2	J	493	4.7	92	L	3.0	10	211	-2.0	-1.2	-0.3	2	X
23	587	3.2	168	J	3.9	-16	148	-3.0	2.1	0.1	1	J	489	4.7	97	L	3.1	26	167	-2.5	-0.2	1.4	1	X
24	596	3.5	147	J	4.0	-11	229	-2.2	-1.8	-1.8	2	J	487	5.1	99	L	3.3	6	126	-1.6	1.7	1.4	2	X
					APR. 27, 1975							117					APR. 28, 1973							118
1	511	0.0	0	H	2.9	-38	74	0.5	2.0	-0.3	2	X	444	6.2	62	L								
2	512	4.4	106	L	3.4	35	97	-0.2	1.1	2.0	3	X	439	6.4	66	L								
3	503	4.8	105	L	3.0	30	206	-1.2	-0.9	0.5	3	X	426	6.6	70	L								
4					2.9	-79	236	-0.2	0.5	-2.2	2	X	413	6.2	63	L								
5					2.5	-27	260	-0.4	-1.6	-1.6	1	X	413	6.1	61	L	2.3	39	108	-0.5	1.0	1.8	1	X
6	537	0.0	0	H									422	5.9	57	L								
7	536	0.0	0	H									415	5.8	52	L	2.5	19	93	-0.1	1.7	1.1	2	X
8													420	5.4	50	L	2.0	15	117	-0.6	1.0	0.5	2	X
9	504	4.4	74	L									400	5.1	41	L	2.2	-5	138	-1.3	1.2	0.1	1	X
10	502	4.8	71	L									401	6.6	37	L								
11	487	4.8	72	L									400	7.1	38	L								
12	487	4.9	67	L									394	7.9	36	L								
13	480	4.6	73	L									392	7.5	35	L								
14	481	4.4	64	L									380	7.4	32	L								
15	479	4.8	64	L									373	0.0	0	H								
16	482	5.0	66	L									373	0.0	0	H								
17	480	4.8	65	L									373	0.0	0	H								
18	467	4.7	54	L																				
19	463	5.1	57	L	2.4	35	203	-1.3	-1.0	0.7	2	X	361	8.4	38	L	2.0	-5	122	-0.8	1.2	0.5	1	X
20	459	5.3	65	L	2.4	41	160	-1.5	-0.2	1.5	1	X	356	10.1	26	L								
21	456	6.0	67	L	2.5	9	204	-2.1	-1.0	-0.1	1	X	365	10.2	29	L								
22	457	5.7	66	L	2.8	11	202	-2.4	-1.1	-0.1	1	X	367	10.6	21	L								
23	452	6.0	63	L	2.7	11	186	-2.4	-0.4	0.3	1	X	363	12.1	21	L								
24	449	5.6	64	L	2.1	-1	176	-1.9	0.1	0.1	1	X	357	11.9	20	L								
					APR. 29, 1975							119					APR. 30, 1975							120
1	354	12.7	18	L									341	12.8	35	L								
2	355	11.5	17	L									338	13.9	33	L								
3	353	9.3	32	L	3.4	40	152	-2.0	0.2	2.2	2	X	334	14.2	36	L								
4	354	8.3	32	L	3.2	34	152	-2.1	0.5	2.0	1	X	334	12.6	36	L								
5	346	11.6	32	L																				
6	357	0.0	0	H									331	0.0	0	H								
7	361	0.0	0	H	3.1	42	107	-0.6	1.4	2.2	2	X	333	0.0	0	H								
8	363	9.4	34	L	3.7	-14	79	0.6	3.2	-0.2	2	X												
9	348	9.2	33	L	4.0	-18	91	-0.1	3.2	-0.5	2	X	336	0.0	0	H								
10	363	0.0	0	H	4.2	-30	51	2.2	3.0	-1.6	1	X	337	0.0	0	H								
11																								
12													331	16.8	38	J								
13													335	0.0	0	H								
14	362	0.0	0	H									337	14.6	29	J								
15													328	16.3	30	J	4.6	-42	112	-0.9	2.7	-1.7	3	J
16													325	17.9	28	J	4.7	-18	122	-2.0	3.3	-0.4	2	J
17													327	19.4	27	J	4.4	-28	151	-2.9	2.0	-1.1	2	J
18													334	21.6	19	J	3.1	-47	182	-0.5	0.2	-0.6	3	J
19													333	16.2	20	J	4.9	33	312	2.5	-3.4	1.1	2	J
20													327	12.8	25	J	4.8	23	318	2.9	-3.0	0.3	2	J
21	335	11.3	33	L									336	11.1	29	J	4.6	19	328	3.4	-2.5	0.2	2	J
22	337	11.2	35	L									341	9.9	33	J	4.4	7	321	3.0	-2.3	-0.8	2	J
23	338	12.9	37	L									347	10.9	32	J	3.7	-19	299	1.5	-1.8	-2.3	2	J
24	340	14.0	31	L									345	11.2	31	J	3.2	-13	302	1.4	-1.7	-1.7	1	J

05/01/75 - 05/08/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 1, 1975							121
1	343	13.1	26	J	2.5	-45	254	-0.4	-0.6	-2.2	1	J
2	330	14.6	23	J	1.4	-6	160	-0.2	0.1	0.0	2	J
3	327	16.4	21	J	2.2	-8	123	-0.6	1.0	0.2	2	J
4	327	16.2	18	J	1.9	35	72	0.3	0.6	0.9	2	J
5	330	16.6	17	J	2.3	-35	216	-1.1	-0.4	-1.2	2	J
6	327	15.9	17	J	1.6	23	37	1.0	0.6	0.7	1	J
7	339	22.0	29	J	4.8	-36	168	-1.6	0.6	-1.1	5	J
8	350	29.1	30	J	4.8	-19	292	1.4	-3.2	-1.9	3	J
9	346	29.3	23	J	6.3	-42	236	-1.4	-1.7	-2.6	6	J
10	346	28.9	22	J	7.2	5	118	-2.5	4.7	1.1	5	J
11	359	31.0	21	J	4.3	40	3	3.0	-0.1	2.5	2	J
12	352	29.1	21	J	3.0	33	359	2.1	-0.2	1.4	2	J
13	359	18.5	23	J	5.0	-5	330	3.9	-2.1	-0.7	2	J
14	356	17.9	26	J	4.6	-21	325	3.4	-2.1	-2.0	1	J
15	358	18.0	28	J	4.3	-48	327	2.1	-0.8	-2.9	2	J
16	370	14.2	30	J	5.6	-32	344	4.1	-0.5	-2.8	2	J
17	369	16.1	26	J	5.2	-54	336	2.7	0.1	-4.3	1	J
18	367	16.9	25	J	4.7	-54	328	2.3	0.0	-4.0	1	J
19	456	10.0	38	J	4.5	-68	267	-0.1	0.2	-4.5	1	J
20	359	15.7	42	J	3.8	-31	325	2.1	-0.7	-2.0	2	J
21	351	12.6	47	J	4.5	0	334	3.6	-1.6	-0.9	2	J
22	354	11.5	32	J	5.4	18	338	4.7	-2.4	0.5	1	J
23	353	12.2	36	J	6.1	13	338	5.4	-2.6	0.0	2	J
24	357	13.0	55	J	5.5	3	337	4.8	-1.9	-0.7	2	J
					MAY 2, 1975							122
1	369	13.1	76	J	5.3	-40	315	1.5	-0.5	-2.2	5	J
2	364	13.8	61	J	6.3	-9	277	0.4	-2.6	-1.8	6	J
3	378	18.0	50	J	4.9	-10	155	-1.2	0.6	0.1	5	J
4	374	17.9	48	J	6.8	-14	299	3.0	-4.5	-3.4	3	J
5	372	17.5	43	J	5.9	-36	183	-3.6	0.6	-2.5	4	J
6	386	12.9	61	J	5.7	20	98	-0.3	1.8	1.3	5	J
7	394	14.8	40	J	6.6	-38	204	-3.1	-0.8	-2.8	5	J
8	392	18.0	61	J	5.2	-19	173	-4.2	0.8	-1.4	3	J
9	411	13.3	76	J	8.7	-41	217	-3.9	-2.3	-4.7	6	J
10	416	10.8	121	J	8.4	-7	298	3.7	-6.7	-1.8	3	J
11												
12	430	8.0	157	J	8.6	-4	296	2.7	-5.6	-1.0	6	J
13	445	8.3	203	J	7.8	-7	286	1.9	-6.5	-1.7	3	J
14	435	7.7	155	J	7.2	-28	272	0.2	-5.4	-4.0	3	J
15	432	6.7	131	J	7.0	-10	282	1.4	-6.2	-2.5	2	J
16	435	6.7	123	J	6.4	-24	283	1.1	-4.2	-3.3	3	J
17	444	7.5	138	J	6.7	-12	286	1.2	-3.6	-2.1	5	J
18	465	6.5	111	J	7.6	-40	218	-3.6	-1.3	-4.5	5	J
19	460	7.0	136	J	7.1	-8	285	1.5	-4.7	-3.0	4	J
20	463	8.0	152	J	7.2	-5	289	1.9	-4.7	-2.9	4	J
21	474	7.9	148	J	7.3	13	300	4.1	-5.4	-1.1	2	J
22	472	7.1	134	J	6.8	17	312	3.3	-4.0	-0.5	5	J
23	480	7.0	99	J	5.3	-47	257	-0.5	-0.7	-3.4	4	J
24	474	7.6	117	J	4.9	-35	287	1.0	-1.6	-3.7	3	J
					MAY 3, 1975							123
1	463	7.5	123	J	4.9	-24	355	4.1	0.5	-1.8	2	J
2	479	6.9	97	J	5.2	-57	278	0.3	-0.4	-3.5	4	J
3	482	7.8	95	J	5.1	-56	228	-1.8	-0.2	-4.6	2	J
4	474	7.8	77	J	5.7	-40	245	-1.8	-2.2	-4.6	2	J
5	478	7.7	98	J	5.6	-20	202	-4.4	-1.2	-2.2	3	J
6	473	6.7	90	J	4.7	-46	212	-2.4	-0.7	-3.2	3	J
7	470	6.7	99	J	4.8	-76	141	-0.8	1.4	-3.8	3	J
8	469	7.2	123	J	4.0	15	324	1.7	-1.4	0.4	3	J
9	471	7.8	106	J	4.6	-3	279	0.6	-3.5	-0.7	3	J
10	461	7.8	107	J	4.8	13	316	2.5	-2.5	0.5	3	J
11	474	8.5	97	J	5.1	-29	284	0.9	-3.6	-2.6	3	J
12	475	9.8	113	J	4.3	-26	313	1.0	-1.0	-0.8	4	J
13	484	9.9	100	J	6.5	-72	185	-1.8	0.4	-5.4	3	J
14	486	10.8	105	J	7.5	-45	269	-0.1	-3.8	-5.1	4	J
15	469	10.5	103	J	7.7	33	332	4.7	-3.1	3.0	4	J
16	477	10.4	129	J	7.8	47	339	4.8	-3.2	5.0	2	J
17	475	8.6	123	J	7.0	34	297	2.6	-5.9	2.1	2	J
18	494	8.2	124	J	5.6	34	308	1.9	-3.1	1.1	1	J
19	496	6.9	88	J	5.1	46	127	-0.3	0.1	0.7	5	J
20	498	6.1	95	J	4.7	-9	92	-0.1	1.9	0.6	4	J
21	494	6.3	104	J	4.3	18	249	-1.3	-3.4	-0.6	2	J
22	488	6.5	101	J	4.0	11	278	0.4	-2.6	-0.9	3	J
23	492	6.4	108	J	4.3	-23	291	1.1	-1.9	-2.6	3	J
24	505	6.5	100	J	5.2	5	304	2.3	-3.2	-1.3	3	J
					MAY 4, 1975							124
1	510	6.2	116	J	5.6	18	316	3.6	-3.8	-0.2	2	J
2	514	6.9	150	J	5.2	4	300	2.1	-3.5	-1.3	3	J
3	502	7.5	133	J	3.9	11	335	3.0	-1.5	-0.0	2	J
4	501	7.3	136	J	4.2	14	316	2.6	-2.7	-0.0	2	J
5	501	7.2	140	J	4.6	-23	302	2.0	-2.6	-2.5	2	J
6	491	7.7	142	J	4.5	-8	322	3.3	-2.4	-1.2	1	J
7	480	8.2	132	J	4.2	-6	337	3.5	-1.4	-0.7	2	J
8	482	8.0	135	J	3.9	-27	301	1.5	-2.1	-1.9	2	J
9	489	7.1	152	J	5.0	-5	188	-4.5	-0.5	-0.5	2	J
10	480	7.0	128	J	5.0	-20	203	-4.1	-1.5	-1.8	2	J
11	472	7.4	135	J	3.4	-25	209	-2.2	-1.1	-1.3	2	J
12	436	7.8	138	J	4.2	-30	250	-0.8	-2.1	-1.5	3	J
13	427	7.1	104	J	4.9	-1	292	1.6	-4.0	-0.6	2	J
14	421	6.7	107	J	5.4	22	306	2.7	-3.9	1.2	2	J
15	423	7.3	113	J	5.5	10	315	3.2	-3.3	0.2	3	J
16	426	6.7	86	J	5.7	-15	297	1.8	-3.2	-1.9	4	J
17	411	7.0	66	J	5.9	6	310	3.6	-4.3	-0.7	1	J
18	400	7.5	62	J	5.9	10	304	2.9	-4.3	-0.6	3	J
19	393	7.6	52	J	6.1	-4	316	4.2	-3.6	-2.0	2	J
20	395	7.8	56	J	6.1	-3	313	4.0	-3.7	-2.1	1	J
21	412	8.4	41	J	6.2	-29	294	2.1	-2.8	-4.6	2	J
22	425	9.5	56	J	6.3	-66	241	-1.1	0.7	-5.7	3	J
23	424	11.6	63	J	6.6	-62	250	-0.9	0.3	-5.4	4	J
24	438	13.4	72	J	8.2	-48	279	0.8	-1.7	-7.3	3	J
					MAY 5, 1975							125
1	458	11.8	92	J	8.1	-10	299	3.1	-4.4	-3.5	5	J
2												
3												
4												
5												
6												
7	503	14.3	141	J	6.8	-23	276	0.6	-5.3	-3.8	1	J
8	488	15.3	205	J	5.3	-2	324	3.5	-2.4	-0.6	3	J
9	500	15.1	168	J	5.0	-31	245	-0.9	-1.7	-1.4	5	J
10	523	14.4	168	J	6.4	-22	244	-2.0	-3.9	-2.2	4	J
11	519	12.8	146	J	7.0	4	281	1.2	-6.4	-0.1	3	J
12	501	12.4	111	J	9.0	19	304	4.6	-7.0	2.2	2	J
13	505	10.2	112	J	8.5	19	327	5.9	-4.0	2.0	4	J
14	535	11.4	176	J	5.2	4	226	-2.4	-2.4	-0.1	4	J
15	532	10.9	163	J	4.4	-27	177	-2.8	0.4	-1.4	3	J
16	534	12.9	151	J	4.7	-7	176	-3.9	0.4	-0.4	3	J
17	511	11.0	141	J	7.9	-23	297	3.3	-5.3	-4.7	2	J
18	551	10.7	201	J	7.2	-38	287	0.6	-1.3	-2.2	7	J
19	580	9.0	227	J	9.0	-10	316	5.7	-4.5	-3.4	4	J
20	597	8.4	209	J	8.0	-18	327	5.3	-2.2	-3.3	5	J
21	614	7.5	222	J	7.7	-7	324	5.3	-3.1	-2.5	4	J
22	611	8.7	284	J	8.6	-5	303	4.2	-5.3	-3.7	4	J
23	609	9.2	281	J	8.0	38	4	4.4	-1.4	3.1	6	J
24	658	8.6	427	J	7.4	-69	348	2.2	2.4	-5.5	4	J
					MAY 6, 1975							126
1	651	7.3	364	J	7.7	-8	320	4.9	-3.2	-2.7	4	J
2	641	6.9	321	J	7.7	15	347	6.2	-2.0	0.9	4	J
3	677	5.9	325	J	7.3	-44	302	2.5	-1.9	-5.7	3	J
4					6.7	-54	265	-0.3	-1.6	-5.6	3	X
5					7.1	-2	308	3.9	-4.7	-1.7	3	X
6					6.7	10	343	5.5	-1.9	0.6	3	X
7												
8												
9	683	4.2	190	J	6.0	-26	261	-0.7	-4.4	-2.9	3	J
10	675	3.8	192	J	5.3	6	301	2.0	-3.3	0.1	4	J
11	655	3.5	198	J	4.3	3	316	2.6	-2.5	-0.0	2	J
12	648	3.5	179	J	4.5	-23	335	3.2	-1.4	-1.6	2	J
13	635	3.2	136	J	4.7	3	326	3.3	-2.2	-0.0	2	J
14	638	3.3	114	J	4.7	8	307	2.3	-3.0	0.1	3	J
15	636	3.4	116	J	4.8	-1	317	2.5	-2.2	-0.5	3	J
16	645	3.4	98	J	4.4	14	299	1.4	-2.6	0.1	3	J
17	645	3.3	122	J	4.3	-20	290	1.1	-2.5	-1.9	3	J
18	639	3.3	121	J	4.3	-44	336	1.8	-0.1	-2.1	3	J
19	629	3.6	106	J	4.4	-15	322	2.6	-1.5	-1.6	3	J
20	630	3.9	111	J	4.6	-38	310	1.8	-1.0	-2.9	3	J
21	610	3.9	110	J	4.6	-30	341	3.5	-0.1	-2.4	2	J
22	602	4.1	152	J	4.6	-16	353	4.1	0.1	-1.3	2	J
23	598	4.1	161	J	4.6	-23	344	3.3	-0.1	-1.7	3	J
24	602	4.2	167	J	4.4	-36	1	3.2	1.2	-2.0	2	J
					MAY 7, 1975							127
1	608	4.4	177	J	4.1	-13	33	2.6	1.8	0.1	3	J
2	604	4.6	202	J	3.9	23	333	3.0	-2.0	0.6	1	J
3	599	4.7	216	J	4.0	7	357	3.6	-0.3	0.3	2	J
4					4.0	25	5	3.1	-0.2	1.4	2	X
5					4.4	30	9	3.2	-0.1	2.0	2	X
6					5.0	24	24	3.4	1.0	2.0	3	X
7												
8												
9												
10												
11	641	7.8	250	J	7.0	-24	240	-2.7	-4.5	-2.8	4	J
12	654	6.3	249	J	6.5	-18	253	-1.6	-5.0	-2.2	3	J
13	638	5.3	229	J	5.6	9	303	2.5	-3.9	0.3	3	J
14	633	4.7	195	J	5.9	-17	309	3.1	-3.6	-2.0	3	J
15	656	5.7	233	J	6.8	-31	276	0.5	-4.5	-3.9	3	J
16	644	5.7	232	J	7.3	-8	287	2.0	-6.1	-2.4	2	J
17	619	5.2	188	J	7.4	21	336	5.1	-2.8	1.4	4	J
18	631	5.5	192	J	7.2	2	325	4.7	-3.2	-0.9	4	J
19	631	5.6	203	J	7.6	27	314	4.3	-5.3	1.2	3	J
20	614	5.3	170	J	8.6	44	355	5.7	-2.8	4.8	3	J
21	626	5.5	157	J	6.6	21	347	5.4	-2.0	1.3	3	J
22	637	3.8	194	J	5.0	-9	353	4.5	-0.2	-0.9	2	J
23	633	3.1	143	J	4.9	-37	14	3.3	1.9	-1.8	2	J
24	625	2.5	130	J	4.4	13	351	3.8	-1.0	0.5	2	J
					MAY 8, 1975							128
1	634	3.3	165	L	4.1	8	357	3.5	-0.4	0.4	2	J
2	621	3.3	78	J	4.2	-2	2	3.8	0.1	-0.0	2	J
3	637	3.6	124	J	4.4	3	322	2.2	-1.6	-0.6	3	J
4	617	3.4	94	J	4.3	2	343	3.8	-1.2	-0.3	2	J
5	640	4.1	120	J	4.5	-1	303	1.0	-1.4	-0.4	4	J
6	616	3.8	106	J	4.3	-4	344	2.5	-0.6	-0.4	3	J
7	627	3.6	110	J	3.8	1	252	-0.7	-2.0	-0.4	3	J
8	642	4.9	156	J								
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					5.1	-11	305	2.4	-2.9	-2.2	3	X
20					5.3	-14	316	2.8	-2.0	-2.0	4	X
21					5.3	-38	323	2.7	-0.6	-3.3	3	X
22					5.3	-39	339	3.1	0.2	-2.9	3	X
23					6.1	4	15	4.4	0.9	0.9	4	X
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 9, 1975							129
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	548	0.0	0	H								
14	570	0.0	0	H								
15	564	0.0	0	H								
16												
17												
18												
19												
20												
21												
22												
23	581	6.4	172	L								
24	573	6.1	152	L								
					MAY 10, 1975							130
1	569	5.0	170	L								
2	584	4.8	156	L								
3	575	5.0	138	L								
4	574	4.3	136	L								
5	556	3.9	150	L								
6	557	3.9	140	L								
7	545	4.2	111	L								
8	551	3.8	97	L								
9	541	4.6	99	L								
10												
11												
12	518	4.0	86	L								
13	523	4.5	95	L								
14	501	4.4	94	L								
15	517	4.7	87	L								
16	501	4.8	85	L								
17												
18												
19					4.0	-16	332	3.4	-1.3	-1.7	1	X
20					4.2	-9	315	2.6	-2.1	-1.6	2	X
21					4.0	-17	316	2.6	-1.8	-2.1	1	X
22					3.8	-11	338	3.3	-0.9	-1.3	1	X
23					3.1	-6	352	3.0	-0.2	-0.5	1	X
24					3.6	-4	349	3.5	-0.5	-0.5	1	X
					MAY 11, 1975							131
1					3.7	-10	355	3.6	-0.0	-0.7	1	X
2					3.6	-6	354	3.6	-0.2	-0.5	0	X
3					4.1	1	351	4.0	-0.6	-0.1	1	X
4					4.7	-6	356	4.7	-0.2	-0.6	1	X
5												
6												
7												
8												
9												
10												
11	437	0.0	0	H								
12												
13												
14												
15												
16												
17												
18					5.4	0	354	5.4	-0.6	-0.2	1	X
19					4.5	-2	1	4.4	0.1	-0.2	1	X
20					4.9	-4	0	4.8	0.1	-0.3	1	X
21					4.9	-4	0	4.7	0.1	-0.3	1	X
22					5.4	-2	3	5.3	0.4	-0.0	1	X
23					5.1	-4	0	5.0	0.1	-0.3	1	X
24					5.3	-7	1	5.2	0.4	-0.5	1	X
					MAY 12, 1975							132
1					5.7	-7	6	5.6	0.8	-0.4	1	X
2	383	0.0	0	H	5.6	-7	10	5.4	1.2	-0.2	1	X
3	379	4.0	25	L	6.0	-11	9	5.6	1.3	-0.7	0	X
4	379	5.6	31	L	5.8	-9	10	5.6	1.2	-0.5	1	X
5	379	5.0	27	L	6.0	-17	4	5.6	0.8	-1.5	1	X
6	378	5.2	27	L								
7	378	5.1	29	L								
8	376	0.0	0	H								
9	368	4.9	24	L								
10	369	5.2	27	L								
11	368	5.5	28	L								
12	368	6.5	31	L								
13	369	6.4	29	L								
14	374	7.3	27	L								
15	366	8.9	28	L								
16	371	10.9	23	L								
17	369	9.8	25	L	7.1	35	328	4.4	-3.5	2.8	3	J
18	359	15.1	19	L	7.2	41	345	4.7	-2.6	3.7	3	J
19	358	9.1	28	L	7.7	62	351	3.5	-2.9	5.9	2	J
20	351	6.4	29	L	8.7	22	327	5.8	-4.5	1.1	4	J
21					8.1	15	322	5.8	-4.9	-0.1	2	J
22					7.3	35	342	5.6	-3.5	2.9	2	X
23					7.2	57	350	3.7	-3.3	5.0	2	X
24	351	9.2	32	J	6.6	60	343	3.1	-3.3	4.5	2	J
					MAY 13, 1975							133
1	344	8.7	43	J	6.5	50	348	4.0	-2.8	4.0	1	J
2	348	10.1	32	J	5.8	39	301	1.9	-4.0	1.5	3	J
3	351	12.4	39	J	5.4	26	291	1.3	-3.9	0.4	3	J
4	354	13.8	39	J	5.3	28	306	2.0	-3.1	0.9	4	J
5	355	14.2	40	J	5.3	57	329	1.9	-1.9	3.0	4	J
6	352	15.1	45	J	4.9	54	350	1.9	-0.8	2.5	4	J
7	345	16.6	67	J								
8	350	16.5	69	J								
9	353	14.9	45	J								
10	348	14.5	47	J								
11	351	16.3	62	J								
12	349	16.6	65	J								
13	348	16.4	62	J								
14	343	16.1	68	J								
15	339	15.7	71	J								
16	337	14.2	53	J								
17	335	13.3	42	J								
18	346	15.3	59	J								
19	354	19.2	70	J	5.1	-21	321	3.3	-2.0	-2.5	3	X
20	352	20.4	77	J								
21	338	18.4	54	J								
22	343	19.2	57	J								
23												
24	361	23.1	63	L								
					MAY 14, 1975							134
1	332	19.5	65	L								
2	345	17.1	43	J								
3	347	15.9	43	J								
4	362	14.7	38	J								
5	348	16.4	41	J								
6	356	21.5	49	J								
7	353	22.0	46	J								
8	347	22.6	38	J								
9	347	19.4	24	J								
10	342	19.7	27	J								
11	336	20.9	30	J								
12	330	16.9	40	J								
13	325	14.6	42	J								
14	323	13.0	46	J								
15	320	11.8	47	J								
16	318	11.0	42	J								
17	314	10.5	40	J								
18	312	9.4	42	J								
19	322	9.7	36	J								
20	324	10.4	32	J								
21												
22	313	10.1	47	L								
23	321	9.8	55	L	2.9	-11	311	1.7	-1.5	-1.3	1	X
24	326	9.6	58	L								
					MAY 15, 1975							135
1	326	10.2	40	L	2.8	1	18	1.0	0.3	0.1	3	X
2	330	8.2	41	L	2.8	-24	309	1.3	-1.1	-1.4	2	X
3	332	7.8	47	L	2.9	-30	174	-1.3	0.4	-0.7	3	X
4	333	7.3	31	J	2.5	-32	183	-1.4	0.2	-0.9	2	X
5	337	7.1	35	J								
6	329	7.8	32	J								
7	327	7.1	34	J	2.7	-71	309	0.3	-0.2	-1.4	2	X
8	331	6.3	32	J	3.0	-6	279	0.2	-1.4	-0.3	3	X
9	328	6.3	34	J								
10	321	6.6	24	J								
11	319	6.0	40	J								
12	318	6.0	39	J								
13	318	6.3	37	J								
14	318	6.6	27	J								
15	316	6.4	22	J								
16	315	6.7	25	J								
17	315	6.7	21	J								
18	315	7.6	16	J	3.0	-6	299	1.4	-2.4	-1.1	1	X
19	312	8.7	17	J	2.4	-30	333	1.6	-0.4	-1.3	1	X
20	310	10.1	17	J	2.2	-60	16	0.9	0.8	-1.4	1	X
21	309	11.1	18	J	2.1	-56	13	1.0	0.9	-1.4	1	X
22	307	11.3	15	J	1.8	-14	14	1.6	0.5	-0.2	0	X
23	306	12.7	17	J	1.9	-40	13	1.4	0.8	-0.9	0	X
24	300	11.7	12	L	2.0	-55	335	1.0	0.2	-1.6	1	X
					MAY 16, 1975							136
1	299	11.9	9	L	1.6	-30	298	0.6	-0.7	-1.1	1	X
2	305	15.4	10	L	2.1	8	296	0.9	-1.8	-0.4	1	X
3	305	19.6	12	L	2.8	-22	316	1.8	-1.4	-1.6	1	X
4	339	55.8	25	L	6.7	-37	311	3.0	-2.3	-4.3	4	X
5	359	69.4	41	J	10.1	44	112	-1.2	2.1	3.6	9	J
6	349	90.5	54	L	10.9	9	115	-0.8	1.7	0.6	11	J
7					11.0	-79	299	0.9	-0.3	-9.2	6	J
8					12.9	-68	154	-4.3	3.3	-11.6	3	J
9					9.3	-22	145	-5.2	3.9	-2.3	7	J
10					10.4	62	137	-2.1	1.7	5.4	9	J
11					15.9	14	140	-10.8	8.9	3.8	7	J
12					15.3	-39	139	-8.4	7.6	-8.8	5	J
13					15.9	-22	131	-9.4	11.1	-5.3	4	J
14					17.5	1	133	-11.7	12.4	1.3	3	J
15	500	12.9	250	J	15.5	-14	115	-5.7	12.6	-1.9	7	J
16	531	11.9	262	J	13.5	-1	127	-7.3	9.6	1.5	7	J
17	540	9.8	379	J	10.0	-18	135	-6.6	7.1	-1.4	2	J
18	545	14.8	313	J	8.6	-1	93	-0.2	4.4	1.2	8	J
19	489	19.2	206	J	9.4	-4	157	-8.2	3.5	0.6	3	J
20	514	17.0	300	J	7.7	15	143	-4.6	2.6	2.8	5	J
21	540	9.2	210	J	7.1	23	160	-4.3	0.6	2.5	6	J
22	578	11.2	198	J	6.9	-50	278	0.2	-0.4	-1.7	7	J
23	591	10.0	283	J	9.2	17	151	-3.5	1.2	1.9	8	J
24	599	9.3	347	J	8.5	31	161	-5.5	0.2	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	SG	IMF SC
					MAY 17, 1975							137
1	602	8.6	308	J	10.4	2	119	-3.6	5.9	3.0	7	J
2	609	7.8	291	J	9.9	7	114	-3.7	7.3	4.1	4	J
3	652	7.9	462	J	8.4	16	101	-1.1	5.0	3.6	6	J
4	665	7.9	403	J	8.7	-4	86	0.5	7.8	1.7	5	J
5	671	7.5	430	J	9.5	-10	76	1.7	7.1	0.4	6	J
6	685	6.8	510	J	7.1	11	95	-0.3	3.8	1.5	6	J
7	695	4.8	391	J	5.7	18	107	-0.6	1.9	1.0	5	J
8	694	3.7	249	J	4.5	0	120	-1.4	2.5	0.2	4	J
9	685	3.7	270	J	4.7	-38	105	-0.7	2.8	-2.0	3	J
10	741	3.6	362	J	4.9	-14	117	-1.5	3.0	-0.7	4	J
11	744	3.5	372	J	5.2	16	192	-4.1	-0.9	1.2	3	J
12	735	3.7	455	J	5.0	20	172	-3.9	0.6	1.4	3	J
13	759	3.8	376	J	5.6	10	219	-3.2	-2.6	0.6	4	J
14	722	4.0	481	J	6.3	6	176	-5.4	0.4	0.6	3	J
15	712	3.9	371	J	6.4	31	166	-4.9	0.8	3.1	3	J
16	699	3.6	262	J	5.4	-5	149	-4.0	2.4	0.0	3	J
17	682	3.3	223	J	5.5	-13	128	-2.8	3.6	-0.2	3	J
18	687	2.8	235	J	5.1	-1	111	-1.5	3.7	1.0	3	J
19	665	3.4	302	J	4.9	4	127	-2.5	3.0	1.4	3	J
20	667	3.7	324	J	4.2	36	156	-2.3	0.2	2.0	3	J
21	675	3.6	322	L	4.5	19	104	-0.7	2.2	2.1	3	J
22	674	3.0	280	J	4.6	17	81	0.5	2.4	2.2	3	J
23	666	2.9	263	J	3.5	28	144	-2.0	0.8	1.8	2	J
24	661	2.7	189	J	3.8	-9	128	-2.1	2.6	0.6	2	J
					MAY 18, 1975							138
1	678	2.8	185	J	3.4	-4	123	-1.4	2.1	0.7	2	J
2	663	2.7	215	J	3.0	3	135	-1.8	1.6	0.8	2	J
3	657	2.4	228	J	2.6	-25	157	-1.9	1.1	-0.7	1	J
4	649	2.3	202	J	2.3	-29	133	-1.0	1.3	-0.5	2	J
5	661	2.1	181	J	2.6	-33	27	1.3	0.9	-0.8	2	J
6	635	2.1	139	J	2.9	-51	175	-1.4	0.4	-1.7	2	J
7	629	1.9	108	J	3.2	-65	185	-0.8	0.1	-1.8	3	J
8	617	1.6	112	J	3.5	-36	14	2.6	0.8	-1.8	1	J
9	620	2.1	83	J	2.7	-55	355	1.1	-0.0	-1.6	2	J
10	620	2.7	118	J	2.1	-29	48	0.6	0.7	-0.5	2	J
11	610	2.6	105	J	2.9	-41	359	1.7	0.0	-1.4	2	J
12	611	2.8	87	J	2.4	5	99	-0.3	1.9	0.2	1	J
13	603	2.5	80	J	2.7	-39	55	0.8	1.1	-1.1	2	J
14	595	3.1	72	J	2.8	-43	23	1.8	0.8	-1.7	1	J
15	590	2.9	80	J	2.6	-30	34	1.7	1.2	-1.0	1	J
16	581	3.4	83	J	2.0	-24	26	0.8	0.5	-0.3	2	J
17	576	4.1	107	J	1.9	7	316	1.1	-1.0	-0.0	1	J
18	558	3.9	97	J	2.6	-46	332	1.0	-0.1	-1.3	2	J
19	556	4.1	82	J	3.5	-30	24	2.3	1.4	-1.0	2	J
20	543	4.6	46	J	4.2	-15	40	2.6	2.4	-0.0	2	J
21	541	5.7	48	J	4.3	-8	47	2.7	2.9	0.6	2	J
22	530	6.4	62	J	4.1	-48	17	2.4	1.8	-2.2	2	J
23	536	8.2	73	J	3.6	-40	41	2.0	2.5	-1.3	1	J
24	531	9.3	75	J	5.0	-28	62	2.0	4.3	-0.6	2	J
					MAY 19, 1975							139
1	513	9.4	59	J	5.8	-26	53	3.0	4.7	-0.7	1	J
2	507	11.0	56	J	5.8	-36	43	3.2	4.0	-1.9	2	J
3	496	11.5	45	J	6.1	-30	64	2.2	5.3	-1.2	1	J
4	494	8.9	35	J	6.4	-32	70	1.8	5.6	-1.8	2	J
5	484	9.2	37	J	6.8	-40	101	-0.9	5.7	-3.0	2	J
6	478	12.0	41	J	6.7	-10	93	-0.3	5.8	0.0	3	J
7	478	10.9	43	J	6.8	-3	90	0.0	6.4	0.5	2	J
8	475	12.6	44	J	7.0	-35	89	0.1	5.5	-3.2	3	J
9	477	11.2	39	J								
10	453	11.2	33	J	7.5	22	181	-6.2	-0.2	2.5	3	J
11	451	8.6	45	J	7.4	35	164	-5.1	1.5	3.7	3	J
12	472	6.4	76	J	7.5	35	164	-5.7	1.6	4.2	2	J
13	500	5.2	62	J	7.3	46	136	-3.6	3.3	5.4	1	J
14	500	3.7	56	J	8.0	34	152	-5.9	2.8	4.7	1	J
15	479	8.0	78	J	7.8	42	126	-3.3	4.0	5.4	2	J
16	480	7.0	83	J	8.4	44	131	-3.9	3.5	6.4	2	J
17	476	6.8	154	J	8.1	43	157	-5.4	1.1	5.9	1	J
18	470	6.8	231	J	7.3	38	161	-5.4	0.6	4.8	1	J
19	487	7.3	228	J	6.7	41	151	-4.2	0.8	4.7	2	J
20	483	8.1	102	J	6.5	-41	40	2.8	3.3	-2.0	5	J
21	579	18.4	266	J	11.9	12	73	1.7	4.6	3.3	11	J
22	564	21.3	236	J	14.3	38	104	-2.6	5.9	11.7	5	J
23	544	16.0	220	J	21.0	38	123	-8.7	7.0	16.9	6	J
24	549	18.4	112	J	22.4	36	116	-7.8	9.3	18.5	4	J
					MAY 20, 1975							140
1	555	16.1	140	J	22.3	58	182	-10.1	-6.6	14.8	12	J
2	548	42.3	120	J	13.4	-33	100	-1.4	9.4	-2.1	10	J
3	535	25.2	61	J	17.7	-21	100	-2.8	17.0	-0.8	4	J
4	536	14.8	76	J	15.3	-4	113	-5.0	11.6	2.4	8	J
5	540	9.7	45	J	14.4	14	116	-5.8	10.8	5.8	5	X
6	531	14.2	35	J								
7	576	11.2	40	J	14.3	-13	103	-3.1	13.7	-1.5	2	J
8	586	7.4	42	J	13.3	-13	98	-1.8	12.9	-2.0	1	J
9	581	11.2	46	J	11.5	-34	69	3.0	8.0	-5.3	6	J
10	591	10.7	85	J	8.8	-22	90	0.0	4.5	-1.7	7	J
11	527	4.3	131	J								
12	569	4.2	113	J	6.6	4	139	-4.6	4.0	0.4	3	J
13	569	3.8	86	J	5.7	1	151	-4.9	2.7	0.2	1	J
14	576	3.7	75	J	5.6	22	176	-3.4	0.1	1.4	4	J
15												
16												
17												
18					6.2	-18	131	-3.8	4.7	-0.7	1	X
19					5.7	0	138	-4.2	3.5	1.2	1	X
20					5.8	5	145	-4.6	2.9	1.7	1	X
21					5.5	15	153	-4.5	1.6	2.1	2	X
22					5.5	1	163	-5.2	1.4	0.7	1	X
23					5.6	-3	160	-5.2	1.9	0.5	1	X
24					5.5	-3	162	-5.1	1.6	0.5	1	X
					MAY 21, 1975							141
1					5.2	-3	190	-4.7	-0.7	-0.5	2	X
2					5.8	-35	200	-2.4	-0.2	-2.0	5	X
3					6.2	-13	146	-4.9	3.6	-0.3	1	X
4					6.4	-17	135	-4.2	4.6	-0.6	1	X
5					6.3	0	134	-4.4	4.4	1.0	1	X
6												
7												
8												
9												
10												
11												
12												
13	559	0.0	0	H								
14	574	0.0	0	H								
15	535	0.0	0	H								
16	561	0.0	0	H								
17	580	0.0	0	H								
18	618	0.0	0	H								
19	622	0.0	0	H	7.3	24	123	-3.2	3.8	4.0	3	X
20	632	0.0	0	H	6.5	-15	176	-4.9	0.8	-1.1	4	X
21	620	0.0	0	H	6.4	50	177	-3.0	-1.2	3.4	4	X
22	622	0.0	0	H	6.9	5	126	-2.9	3.5	2.0	5	X
23	632	0.0	0	H	7.7	-1	124	-4.1	5.4	2.3	3	X
24	622	0.0	0	H	8.0	15	129	-4.7	4.5	4.2	2	X
					MAY 22, 1975							142
1	630	0.0	0	H	7.3	20	124	-2.9	3.3	3.4	5	X
2	624	0.0	0	H	7.2	57	123	-1.9	0.8	6.1	3	X
3	627	0.0	0	H	5.9	47	149	-2.5	0.4	3.5	4	X
4	616	0.0	0	H	5.7	25	119	-2.0	3.0	2.9	3	X
5	648	0.0	0	H	5.1	8	147	-2.6	1.6	0.7	4	X
6	647	0.0	0	H	5.5	25	86	0.3	4.3	2.9	2	X
7	663	0.0	0	H								
8	663	0.0	0	H								
9	651	0.0	0	H								
10												
11												
12	645	4.6	246	L								
13	644	5.1	232	L								
14	625	4.9	221	L								
15	626	4.7	209	L								
16												
17	607	4.4	188	L								
18	598	3.7	173	L	5.3	8	79	0.9	4.2	2.1	3	X
19	602	3.1	159	L	5.3	16	82	0.6	3.8	2.8	2	X
20	580	3.7	174	L	4.8	-3	113	-1.5	3.3	1.2	3	X
21	572	3.9	168	L	4.8	-20	117	-1.5	3.3	0.0	3	X
22	586	4.1	180	L	4.8	-8	108	-1.1	3.3	0.9	3	X
23					4.6	8	111	-1.3	2.8	1.8	3	X
24												
					MAY 23, 1975							143
1					5.1	38	77	0.8	2.1	3.8	3	X
2					5.0	55	93	-0.1	1.0	4.0	3	X
3					4.9	48	148	-2.4	0.5	3.4	3	X
4					5.3	50	152	-2.7	0.4	3.9	4	X
5	561	0.0	0	H								
6	569	0.0	0	H								
7	564	0.0	0	H								
8	543	0.0	0	H								
9	539	0.0	0	H								
10	549	0.0	0	H								
11	547	3.9	130	L								
12	539	4.4	132	L								
13	545	4.1	122	L								
14	531	3.8	133	L								
15	529	4.9	135	L								
16	518	4.6	119	L								
17	521	4.3	113	L								
18	522	0.0	0	H								
19	522	0.0	0	H								
20	542	4.8	147	L								
21	527	4.3	130	L								
22	530	4.1	124	L								
23	527	4.4	132	L								
24	529	4.5	128	L								
					MAY 24, 1975							144
1	526	4.5	128	L								
2	516	5.0	111	L								
3	507	4.1	127	L								
4	491	4.1	102	L								
5	481	3.1	79	L								
6	466	3.9	83	L								
7	492	4.4	69	L								
8	477	5.4	97	L								
9	483	6.0	80	L								
10	472	6.2	87	L								
11	484	5.7	88	L								
12	471	0.0	0	H								
13	464	0.0	0	H								
14												
15	466	5.2	73	L								
16	463	4.5	72	L								
17	467	4.3	69	L	3.7	3	130	-2.1	2.4	0.8	2	X
18	457	4.4	73	L	4.0	-9	103	-0.8	3.5	0.5	2	X
19	450	5.1	71	L	4.1	4	117	-1.7	3.0	1.4	2	X
20					3.8	-15	136	-2.4	2.5	0.0	2	X
21					3.3	-8	182	-2.3	0.0	-0.3	3	X
22					3.8	-25	196	-2.7	-0.1	-1.5	2	X
23					3.5	-24	182	-2.4	0.3	-1.0	3	X
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 25, 1975							145
1	443	6.9	82	L	3.6	-20	157	-2.9	1.5	-0.6	1	X
2	446	6.4	75	L	3.9	-17	157	-3.1	1.7	-0.6	2	X
3	443	6.4	75	L	3.6	-26	141	-1.6	1.5	-0.6	3	X
4	464	7.5	62	L	4.2	10	62	1.8	3.1	1.5	2	X
5	449	6.8	59	L	4.1	24	79	0.3	1.6	1.1	4	X
6	436	7.4	63	L	4.0	-18	97	-0.3	2.6	-0.4	3	J
7	437	8.0	71	L	3.3	18	141	-1.5	1.1	0.7	3	J
8	433	8.0	75	L	4.1	36	156	-2.5	1.0	2.1	2	J
9	449	7.9	72	L	4.7	-14	63	1.8	3.5	-1.0	2	J
10	444	7.2	68	L	4.9	26	97	-0.4	3.0	1.5	4	J
11	447	8.7	66	L	4.6	2	88	0.1	4.0	-0.0	2	J
12	445	8.3	65	L	4.7	13	115	-1.6	3.5	0.8	2	J
13	432	8.2	74	L	5.3	-27	148	-3.4	2.1	-2.0	3	J
14	427	8.6	69	L	5.3	7	136	-3.1	3.0	0.6	3	J
15	443	9.1	53	L	5.7	-11	100	-0.9	4.9	-0.7	3	J
16	436	9.6	35	L	6.0	-12	107	-1.6	5.3	-0.6	2	J
17	444	14.2	30	L	5.3	-48	88	0.1	3.7	-2.9	3	J
18	442	7.7	26	L	7.2	-61	10	3.3	2.0	-5.7	2	J
19	452	4.6	23	L	8.0	-60	342	3.8	0.9	-7.0	1	J
20	456	6.2	21	L	8.4	-63	16	3.6	3.4	-6.6	1	J
21	455	5.4	19	L	8.5	-67	4	3.3	3.0	-7.1	1	J
22	447	4.8	11	L	9.6	-75	52	1.5	5.1	-7.6	2	X
23	445	4.6	11	L	10.0	-65	90	0.0	7.4	-6.7	1	X
24	442	4.1	10	L	10.4	-74	80	0.5	6.3	-8.1	1	X
					MAY 26, 1975							146
1	437	8.2	9	L	10.2	-51	108	-1.9	8.3	-5.2	2	X
2	440	6.8	20	L	10.3	-65	117	-1.9	6.6	-7.4	2	X
3	432	3.4	23	L	11.5	-42	113	-3.3	9.7	-5.0	1	X
4	426	3.2	20	L	12.1	-36	107	-2.9	10.8	-4.6	1	X
5	426	3.7	21	L	12.0	-35	103	-2.2	10.6	-5.1	1	X
6	426	4.5	24	L	11.5	-27	115	-4.1	9.7	-3.7	3	X
7	427	5.0	39	L	10.6	-19	118	-4.7	9.1	-2.6	1	J
8	418	5.5	47	L	10.3	-15	117	-4.5	6.9	-2.2	1	J
9	415	6.7	55	L	9.7	-14	124	-5.1	7.6	-2.3	2	J
10	421	7.3	58	L	9.6	-10	121	-4.7	7.8	-1.8	3	J
11	424	9.4	53	L	9.7	-3	112	-3.4	8.3	-0.8	4	J
12	422	9.9	50	L	9.6	14	116	-3.7	7.8	1.9	4	J
13	420	10.8	57	L	9.2	22	120	-4.1	7.1	3.2	3	J
14	421	12.7	63	L	9.1	15	144	-5.8	4.2	2.0	5	J
15	411	13.4	61	L	9.0	16	162	-7.3	2.3	2.3	4	J
16	416	14.7	61	L	8.8	22	162	-7.1	1.9	3.2	4	J
17	407	15.1	58	L	9.5	34	170	-7.1	0.4	5.1	4	J
18	410	17.5	51	L	9.9	43	180	-6.8	-1.5	6.1	3	J
19	402	16.4	47	L	11.3	32	184	-9.2	-2.2	5.4	3	J
20	386	12.1	40	L	11.6	28	166	-9.8	0.5	5.9	2	J
21	391	14.0	41	L	10.7	28	159	-8.4	1.3	5.6	3	J
22	389	14.9	43	L	9.6	7	149	-7.6	3.8	2.8	3	J
23	389	16.3	39	L	8.8	30	137	-5.4	3.0	5.8	2	J
24	389	16.7	41	L	8.6	32	146	-5.6	2.0	5.3	3	J
					MAY 27, 1975							147
1	384	15.7	43	L	8.4	52	187	-5.1	-2.8	5.9	2	J
2	397	11.7	61	L	9.5	40	140	-4.8	2.1	6.2	5	J
3	398	19.2	113	L	5.5	53	188	-2.4	-1.2	3.1	4	J
4	395	22.0	122	L	5.7	2	211	-2.9	-1.7	-0.3	5	J
5	419	20.9	152	L	7.0	-22	52	1.4	1.9	-0.6	7	J
6	430	15.6	156	L	10.2	26	126	-4.2	5.2	4.2	7	J
7	445	21.9	116	L	9.8	35	161	-6.4	1.8	5.0	6	J
8	471	32.1	62	L	5.4	2	224	-3.0	-2.9	-0.0	4	J
9	475	35.2	40	L	5.4	8	210	-4.5	-2.6	0.7	2	J
10	467	41.9	41	L	3.5	35	171	-1.6	0.3	1.1	3	J
11	464	40.7	45	L	2.1	18	108	-0.4	1.2	0.4	2	J
12	452	33.6	39	L	3.2	24	209	-1.9	-1.1	1.0	2	J
13	451	19.2	59	L	4.4	-9	218	-2.7	-2.1	-0.5	3	J
14	425	11.0	78	L	5.2	-8	144	-2.6	1.9	-0.4	4	J
15	419	10.2	72	L	5.8	25	103	-1.1	4.7	2.5	2	J
16	413	9.3	64	L	5.3	-19	149	-2.3	1.5	-0.7	5	J
17	420	7.1	56	L	5.7	2	271	0.1	-5.5	-0.7	2	J
18	414	5.9	63	L	6.1	16	276	0.6	-5.8	0.3	2	J
19	420	9.9	62	L	4.9	18	270	0.0	-4.8	0.2	2	J
20	421	12.0	58	L	4.5	-12	285	1.0	-3.2	-2.0	2	J
21	415	11.6	60	L	3.0	2	320	1.6	-1.3	-0.4	2	J
22	415	12.5	49	L	1.8	7	37	0.9	0.6	0.4	1	J
23	407	14.0	36	L	2.1	-62	65	0.1	0.3	-0.3	2	J
24	414	16.3	34	L	3.4	17	24	0.3	0.1	0.2	4	J
					MAY 28, 1975							148
1	411	11.9	57	L	4.9	23	354	4.4	-1.1	1.6	2	J
2	415	11.9	57	L	4.2	-2	305	2.0	-2.7	-1.0	2	J
3	401	8.8	58	L	4.1	-18	319	2.8	-2.0	-1.8	2	J
4	390	4.9	64	L	6.0	10	333	5.2	-2.8	0.4	1	J
5	388	4.4	69	L	5.4	6	325	4.3	-3.1	0.1	1	J
6	405	3.4	78	L	4.6	22	339	3.6	-1.6	1.4	2	J
7	411	3.2	85	L	4.8	47	320	2.4	-2.2	3.2	1	J
8	406	3.3	96	L	5.0	14	351	4.6	-0.7	1.2	2	J
9	423	2.5	97	L	4.6	-8	352	4.4	-0.6	-0.6	1	J
10	422	3.2	110	L	5.9	5	354	5.1	-0.5	0.4	3	J
11	428	2.6	108	L	5.9	-1	357	5.7	-0.3	-0.1	2	J
12	420	3.1	95	L	6.0	2	352	5.8	-0.8	0.2	1	J
13	422	4.6	86	L	6.6	7	339	5.8	-2.2	0.9	2	J
14	453	3.9	90	L	7.2	20	345	6.4	-1.7	2.4	1	J
15	440	4.7	93	L	6.5	18	343	5.2	-1.7	1.7	3	J
16	433	5.6	86	L	5.6	-7	317	3.3	-3.0	-0.9	3	J
17	433	6.3	79	L	5.0	30	352	4.1	-1.0	2.3	2	J
18	428	6.0	82	L	4.4	-3	290	1.1	-3.0	-0.9	3	J
19	420	6.5	93	L	3.6	10	333	2.5	-1.4	0.1	2	J
20	414	5.3	72	L	4.9	11	356	4.6	-0.6	0.8	2	J
21	415	5.1	66	L	5.0	30	341	3.8	-2.0	1.7	2	J
22	414	5.2	70	L	4.6	22	346	3.5	-1.4	1.1	2	J
23	411	5.2	66	L	4.6	28	337	3.6	-2.2	1.4	1	J
24	415	5.3	67	L	4.6	16	347	4.0	-1.3	0.8	2	J
					MAY 29, 1975							149
1	431	5.8	61	L	4.7	-44	254	-0.7	-1.4	-2.9	4	J
2	411	6.2	52	L	4.8	0	302	2.0	-2.9	-1.0	3	J
3	424	5.6	69	L	4.9	-23	283	0.9	-3.3	-2.7	2	J
4	410	5.5	70	L	4.8	-8	307	2.7	-3.4	-1.4	1	J
5	407	5.2	66	L	4.6	-8	314	3.0	-3.2	0.1	2	J
6	408	6.5	69	L	4.8	-11	320	3.2	-2.6	-1.1	2	J
7	425	8.1	36	L	6.2	-74	339	1.1	-0.1	-4.1	5	J
8	437	10.2	33	L	7.0	-23	103	-1.3	5.8	-2.4	3	J
9	426	9.7	38	L	8.0	-29	76	1.5	6.1	-3.6	3	J
10	431	12.3	51	L	7.8	-1	334	5.9	-2.9	0.0	4	J
11	405	13.3	35	L	8.1	41	24	5.2	2.6	4.8	3	J
12	396	9.2	32	L	8.3	43	355	6.0	-0.2	5.6	2	J
13	410	10.3	55	L	8.1	35	324	4.8	-3.4	4.2	4	J
14	445	9.1	122	L	6.4	33	311	3.2	-3.7	3.2	3	J
15	442	8.7	128	L	5.8	-11	286	1.2	-4.3	-1.1	4	J
16	455	6.8	122	L	6.5	-23	290	1.7	-4.5	-2.5	4	J
17	469	6.3	108	L	5.6	-48	268	-0.1	-2.9	-4.4	2	J
18	476	6.5	139	L	5.1	-11	302	2.3	-3.4	-1.7	2	J
19	502	7.4	127	L	4.9	-20	230	-2.0	-2.0	-1.7	4	J
20	498	7.0	107	L	5.0	-37	251	-0.9	-1.8	-2.7	4	J
21	485	6.5	105	L	4.9	-7	318	2.6	-2.0	-1.2	4	J
22	478	5.3	96	L	5.6	25	330	4.2	-3.2	1.2	2	J
23	474	5.3	95	L	4.9	21	325	3.6	-2.9	0.7	1	J
24	473	5.3	106	L	4.4	-1	331	3.7	-1.8	-0.8	1	J
					MAY 30, 1975							150
1	493	4.9	99	L	4.8	14	336	4.2	-2.2	0.4	1	J
2	494	4.5	75	L	5.1	10	351	5.0	-1.0	0.6	1	J
3	496	4.8	75	L	5.1	13	348	4.9	-1.3	0.8	0	J
4	479	4.8	95	L	4.2	3	346	4.0	-1.0	-0.0	1	J
5	486	4.4	96	L	4.8	-35	229	-2.5	-2.4	-3.1	1	J
6	478	3.7	89	L	4.9	-26	220	-3.2	-2.5	-2.4	1	J
7	474	3.5	91	L	4.5	-16	232	-2.5	-3.1	-1.4	1	J
8	470	3.9	80	L	3.5	-46	314	1.4	-1.5	-2.1	2	J
9	452	4.4	63	L	3.4	-30	349	2.5	-0.5	-1.5	2	J
10	445	5.0	64	L	3.8	-1	338	3.2	-1.3	-0.0	1	J
11	439	5.3	65	L	3.9	-5	278	0.5	-3.7	-0.1	1	J
12	437	6.2	64	L	3.4	-14	303	1.7	-2.6	-0.6	1	J
13	439	6.4	57	L	3.3	-29	258	-0.5	-2.5	-1.3	2	J
14	433	8.0	64	L	2.8	-40	301	0.8	-1.3	-1.3	2	J
15	428	7.6	67	L	3.5	9	329	2.5	-1.5	0.5	2	J
16					2.9	8	337	2.0	-0.9	0.2	2	J
17	422	5.3	67	L	3.6	28	350	3.0	-0.7	1.5	1	J
18	434	3.9	87	L	4.5	9	10	4.4	0.6	0.8	1	J
19	429	3.7	81	L	4.7	15	354	4.3	-0.8	1.0	1	J
20	424	3.4	84	L	4.6	24	313	2.4	-3.0	0.7	2	J
21	414	4.5	72	L	3.9	23	293	1.4	-3.5	0.3	1	J
22	408	4.3	69	L	4.0	3	303	2.1	-3.1	-0.9	1	J
23	409	4.1	70	L	3.3	-12	300	1.4	-2.1	-1.5	2	J
24	412	4.1	71	L	2.8	-14	337	2.0	-0.6	-0.7	2	J
					MAY 31, 1975							151
1	413	3.9	62	L	3.8	-8	328	3.1	-1.6	-1.1	1	J
2	409	5.0	70	L	3.3	7	331	2.9	-1.6	-0.1	0	J
3	404	4.6	60	L	3.8	10	343	3.4	-1.1	0.3	1	J
4	401	4.5	59	L	4.0	10	349	3.9	-0.9	0.5	0	J
5	397	5.1	58	L	3.7	21	345	3.2	-1.1	1.1	1	J
6	403	4.9	48	L	4.2	13	334	3.7	-1.9	0.7	1	J
7	401	4.8	47	L	4.6	10	334	4.1	-2.0	0.7	1	J
8	397	4.5	40	L	4.9	22	342	4.3	-1.4	1.8	1	J
9	397	4.6	38	L	5.0	22	345	4.5	-1.1	1.9	1	J
10	397	4.9	41	L	5.0	20	348	4.5	-0.9	1.8	1	J
11	393	6.1	56	L	4.4	19	354	4.0	-0.3	1.4	1	J
12	394	7.6	61	L	4.0	20	313	2.2	-2.2	1.3	2	J
13	398	7.9	50	L	3.9	-9	219	-2.8	-2.3	-0.5	1	J
14	392	7.4	49	L	3.3	-27	197	-2.6	-0.8	-1.4	1	J
15	387	6.0	37	L	3.7	-14	194	-3.3	-0.8	-0.8	1	J
16	386	6.0	40	L	3.6	-3	196	-3.3	-0.9	-0.3	1	J
17	386	6.3	43	L	3.2	9	194	-2.9	-0.8	0.4	1	J
18	386	6.7	42	L	3.2	1	188	-2.8	-0.4	-0.1	2	J
19	383	6.2	51	L	2.5	2	175	-2.4	0.2	0.1	1	J
20	379	6.3	44	L	2.8	-33	209	-1.8	-0.6	-1.5	1	J
21	372	6.8	49	L	2.4	-33	231	-1.1	-1.0	-1.5	1	J
22	365	7.1	44	L	2.8	6	252	-0.6	-1.7	-0.4	2	J
23	374	5.7	26	L	4.3	-25	198	-3.6	-0.5	-2.1	1	J
24	379	6.0	46	L	3.6	-13	254	-0.8	-2.3	-1.6	2	J
					JUN. 1, 1975							152
1	381	5.5	36	L	3.5	-27	245	-1.3	-4.1	-2.3	1	J
2	374	5.8	44	L	3.0	-21	283	0.5	-1.8	-1.5	2	J
3	378	5.9	37	L	3.5	-20	222	-1.7	-1.3	-1.3	3	J
4	371	6.5	36	L	3.6	-16	257	-0.8	-3.0	-1.6	1	J
5	373	7.1	43	L	2.9	-33	222	-1.6	-1.3	-1.6	1	J
6	373	7.4	39	L	3.4	-18	213	-2.5	-1.5	-1.1	1	J
7	365	7.4	41	L	2.9	4	218	-1.8	-1.4	0.1	2	J
8	364	8.2	45	L	3.1	-30	231	-1.6	-2.0	-1.4	1	J
9	367	8.2	40	L	3.5	-25	221	-2.1	-1.8	-1.2	2	J
10	369	9.5	35	L	4.7	-22	237	-2.2	-3.5	-1.4	2	J
11	376	15.4	46	L	6.6	-24	208	-5.2	-2.9	-2.4	2	J
12	376	18.8	65	L	6.4	-30	255	-0.9	-3.4	-1.7	5	J
13	376	19.3	83	L	7.6	-29	296	2.4	-5.1	-2.7	4	J
14	376	18.9	64	L	9.6	-7	305	4.7	-6.8	-0.8	5	J
15	383	23.6	48	L	11.1	-9	302	5.4	-8.6	-1.8	4	J
16	398	50.0	34	L	12.0	-19	281	2.0	-10.3	-4.5	4	J
17	407	46.8	65	L								
18	416	47.5	60	L								
19	424	55.8	77	L								
20	490	19.2	209	L								
21	532	17.5	389	L								
22	540	17.3	451	L								
23	546	16.9	422	L								
24	591	14.1	387	L								

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 2, 1975							153
1	604	12.9	346	L								
2	605	11.7	317	L								
3	640	10.2	327	L								
4	645	9.2	291	L								
5	642	8.7	323	L								
6	625	8.9	339	L								
7	623	7.4	268	L								
8	639	6.7	267	L								
9	653	6.1	228	L								
10	637	6.2	216	L								
11	639	5.3	221	L								
12	660	5.2	213	L								
13	651	5.3	202	L								
14												
15												
16												
17												
18												
19					4.9	-7	323	3.0	-2.0	-1.0	3	X
20					4.7	-2	321	3.1	-2.4	-0.8	3	X
21					4.4	-3	277	0.4	-2.9	-1.1	3	X
22					4.4	3	276	0.2	-2.2	-0.7	4	X
23					4.6	10	28	3.2	1.4	1.1	3	X
24					4.2	2	317	2.4	-2.1	-0.6	3	X

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 3, 1975							154
1					4.2	18	286	1.0	-3.7	0.1	2	X
2					4.2	15	344	3.2	-1.1	0.6	3	X
3					4.6	10	342	4.0	-1.4	0.4	2	X
4					5.3	21	357	4.6	-0.5	1.6	2	X
5					5.0	10	358	4.1	-0.3	0.7	3	X
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19	621	0.0	0	H	3.9	-25	285	0.7	-2.1	-1.7	3	X
20	629	0.0	0	H	5.0	18	321	2.6	-2.4	0.4	4	X
21	638	0.0	0	H	4.7	5	328	2.9	-1.8	-0.3	3	X
22	636	0.0	0	H	4.0	2	347	3.6	-0.9	-0.2	1	X
23	625	0.0	0	H	4.2	1	338	3.6	-1.4	-0.4	2	X
24	618	0.0	0	H	3.9	-30	343	2.7	-0.2	-1.9	2	X

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 4, 1975							155
1	622	0.0	0	H	3.8	-9	1	3.6	0.2	-0.4	1	X
2	597	0.0	0	H	4.5	-28	318	2.6	-1.8	-2.5	2	X
3	610	2.9	118	L	5.0	5	6	4.2	0.3	0.4	3	X
4	611	2.7	144	L	5.6	18	347	4.5	-1.3	1.3	3	X
5	629	3.8	166	L								
6	637	0.0	0	H								
7	636	4.0	197	L								
8	656	4.1	188	L								
9	624	4.3	181	L								
10	632	3.9	188	L								
11	636	0.0	0	H								
12	587	3.7	155	L								
13	570	3.7	154	L								
14	580	4.4	152	L								
15	607	0.0	0	H								
16	595	4.1	148	L								
17	571	3.8	160	L								
18	548	3.6	157	L								
19	532	3.8	149	L	5.0	-1	19	4.2	1.5	0.2	2	X
20	523	3.6	159	L	4.8	-2	333	3.9	-1.9	-0.7	2	X
21	538	3.5	163	L	4.8	-3	291	1.4	-3.5	-1.3	3	X
22	524	3.8	167	L	5.0	4	307	2.2	-2.9	-0.7	3	X
23	529	4.2	136	L	5.3	22	313	2.1	-2.6	0.5	4	X
24	524	4.3	140	L	5.2	-12	311	2.6	-2.6	-1.8	3	X

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 5, 1975							156
1	538	4.1	141	L	5.2	-23	293	1.6	-2.9	-2.7	3	X
2	555	0.0	0	H	4.4	-25	302	1.6	-2.2	-1.4	3	X
3	526	5.1	137	L	4.4	-18	4	2.6	0.4	-0.7	4	X
4	519	4.8	123	L	5.0	-5	348	4.3	-0.8	-0.6	2	X
5	532	4.9	135	L								
6												
7												
8	568	0.0	0	H								
9	554	0.0	0	H								
10	545	5.5	160	L								
11	557	5.1	163	L								
12	573	4.5	188	L								
13	565	5.0	178	L								
14	545	4.7	147	L								
15	537	4.5	110	L								
16	539	4.2	118	L								
17	560	5.3	166	L								
18	559	4.7	118	L								
19	552	5.3	143	L								
20	532	5.3	134	L								
21	539	4.8	139	L								
22	545	5.0	157	L								
23	535	5.4	162	L								
24	549	3.8	126	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 6, 1975							157
1	539	3.6	131	L								
2	534	4.6	114	L								
3	537	5.1	128	L	4.3	-19	281	0.7	-3.3	-2.1	2	X
4	529	5.5	125	L								
5	530	5.7	125	L								
6	533	6.3	127	L								
7	523	6.9	125	L								
8	527	5.9	128	L								
9	550	6.3	115	L								
10	552	0.0	0	H								
11	563	4.2	162	L								
12	555	5.9	175	J								
13	553	3.8	144	J								
14	571	4.0	135	J								
15	561	3.8	132	J								
16	545	4.2	112	J								
17	531	4.7	114	J								
18	537	4.4	102	J								
19	530	4.2	116	J								
20	517	4.1	106	J								
21	528	4.2	118	J								
22	531	4.5	96	J								
23	514	4.8	86	J								
24	502	4.4	73	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 7, 1975							158
1	506	4.7	75	J								
2	509	4.6	67	J								
3	513	3.9	72	J								
4	512	4.7	69	J	2.8	0	230	-1.7	-2.0	-0.3	1	J
5	503	5.1	68	J	3.4	21	230	-1.7	-2.1	0.8	2	J
6	496	5.5	65	J	4.0	-14	235	-2.0	-2.8	-1.0	2	J
7	492	5.9	78	J	2.8	-21	241	-1.0	-1.9	-0.8	2	J
8	482	6.1	78	J	4.0	-53	288	0.7	-2.2	-2.8	2	J
9	475	6.3	118	J	5.0	-16	5	4.0	0.3	-1.2	3	J
10	475	7.2	99	J	4.3	30	353	2.4	-0.2	1.4	3	J
11	479	8.3	107	J	5.1	-28	23	3.9	1.4	-2.5	2	J
12	474	7.6	104	J	4.6	26	0	3.5	0.2	1.7	2	J
13	460	5.7	60	J	4.9	23	337	3.8	-1.4	1.9	2	J
14	458	5.7	58	J	4.7	11	332	3.6	-1.8	0.9	2	J
15	451	5.0	54	J	4.5	6	342	4.0	-1.3	0.4	1	J
16	461	6.2	75	J	4.0	7	340	3.1	-1.1	0.4	2	J
17	466	6.3	64	J	3.8	18	26	2.9	1.3	1.2	2	J
18	460	6.2	61	J	4.0	7	25	3.4	1.5	0.7	1	J
19	459	6.2	62	J	4.0	-1	340	3.2	-1.2	-0.3	2	J
20	459	6.5	64	J	4.2	19	324	2.7	-2.1	0.6	2	J
21	462	6.8	73	J	3.9	-18	298	1.4	-2.3	-1.7	2	J
22	449	6.5	77	J	3.4	-9	341	2.5	-0.7	-0.7	2	J
23	441	6.5	82	J	3.9	27	13	3.2	0.1	1.8	1	J
24	447	6.9	67	J	4.1	23	40	2.7	1.7	2.1	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 8, 1975							159
1	443	7.0	84	J	4.3	18	347	3.7	-1.2	0.9	1	J
2	440	6.6	77	J	4.3	24	328	2.9	-2.1	1.0	2	J
3	438	6.5	87	J	4.0	-13	328	2.9	-1.6	-1.1	2	J
4	433	6.9	97	J	4.4	21	347	3.8	-1.1	1.3	1	J
5	446	6.9	64	J	4.5	32	307	2.0	-2.9	1.8	2	J
6	433	6.3	62	J	4.5	1	313	2.5	-2.7	-0.0	2	J
7	447	6.1	61	J	4.1	-3	293	1.1	-2.5	-0.1	3	J
8	450	5.6	51	J	3.6	12	288	0.7	-2.2	0.6	3	J
9	441	5.5	68	J	3.5	-22	327	2.3	-1.6	-1.0	2	J
10	439	5.0	59	J	3.5	20	311	1.8	-2.0	1.2	2	J
11	440	4.9	54	J	3.7	-17	302	1.6	-2.7	-0.6	2	J
12	432	4.6	59	J	3.7	-10	306	1.9	-2.7	-0.3	2	J
13	438	4.9	38	J	3.8	-15	285	0.8	-3.3	-0.6	2	J
14	421	5.0	48	J	4.2	-17	312	2.4	-2.8	-0.9	2	J
15	416	5.2	44	J	4.2	-9	314	2.6	-2.7	-0.5	2	J
16	407	5.1	30	J	4.0	-4	352	3.7	-0.5	-0.3	2	J
17	401	5.0	31	J	4.0	9	357	3.8	-0.2	0.6	1	J
18	401	5.6	34	J	4.1	22	355	3.6	-0.5	1.4	1	J
19	401	6.0	41	J	3.8	23	1	3.5	-0.2	1.5	1	J
20	405	6.4	41	J	3.1	12	309	1.4	-1.8	0.1	2	J
21	405	6.7	36	J	3.0	4	286	0.6	-2.2	-0.4	2	J
22	403	6.5	40	J	3.2	-2	295	1.2	-2.4	-0.8	1	J
23	404	6.8	34	J	3.1	-14	274	0.2	-2.4	-1.5	1	J
24	399	6.9	38	J	3.9	17	308	1.6	-2.2	0.2	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 9, 1975							160
1	395	6.4	42	J	3.7	26	315	2.0	-2.3	0.8	2	J
2	396	7.1	42	J	3.2	-33	311	1.4	-1.2	-1.7	2	J
3	399	7.5	32	J	4.5	-33	289	1.1	-2.8	-2.8	2	J
4	393	7.9	40	J	4.1	-12	309	2.4	-2.8	-1.2	1	J
5	382	7.5	48	J	4.2	13	339	3.3	-1.4	0.7	2	J
6	376	6.9	29	J	4.2	0	347	4.0	-0.9	-0.0	1	J
7	375	6.6	37	J	3.9	-21	344	3.3	-1.0	-1.3	1	J
8	382	7.3	31	J	3.8	-16	336	2.3	-1.0	-0.6	3	J
9	397	8.4	28	J	4.3	0	249	-1.1	-2.9	0.3	3	J
10	376	9.2	27	J	4.4	-27	312	2.4	-2.9	-1.6	1	J
11	372	9.5	28	J	2.7	4	1	2.1	0.0	0.1	2	J
12	368	9.3	24	J	3.6	-28	346	2.5	-0.8	-1.3	2	J
13	366	8.3	31	J	3.6	-4	325	2.4	-1.7	-0.0	2	J
14	368	8.0	31	J	3.7	13	302	1.8	-2.7	1.0	2	J
15	366	5.9	34	J	4.4	26	344	3.5	-0.9	1.8	1	J
16	369	6.3	28	J	4.3	23	316	2.6	-2.6	1.6	2	J
17	371	7.2	30	J	3.5	-35	291	0.9	-2.3	-2.0	2	J
18	371	7.7	34	J	3.6	2	316	2.3	-2.2	-0.2	2	J
19	367	8.1	36	J	3.7	3	325	2.9	-2.0	-0.2	1	J
20	368	7.7	32	J	3.8	42	317	2.0	-2.3	1.9	1	J
21	365	7.3	36	J	3.5	21	351	2.9	-0.8	0.9	2	J
22	366	7.8	36	J	2.8	-39	34	1.5	1.4	-1.1	1	J
23	363	7.3	39	J	2.5	-53	10	1.2	0.7	-1.5	2	J
24	363	7.1	34	J	2.7	-39	29	1.4	1.1	-1.0	2	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	353	6.4	30	J	3.1	7	285	0.8	-2.9	-0.4	1	J
2	349	6.6	33	J	3.3	0	298	1.3	-2.4	-0.6	2	J
3	347	6.5	32	J	3.2	-46	326	1.7	-0.8	-2.4	1	J
4	343	6.6	35	J	3.0	-21	317	1.8	-1.5	-1.2	1	J
5	342	6.6	37	J	3.1	-13	314	2.0	-1.9	-0.9	1	J
6	340	7.1	27	J	3.0	9	312	1.8	-2.1	0.3	1	J
7	341	7.1	37	J	3.2	-20	321	2.3	-1.9	-1.1	1	J
8	339	7.9	25	J	2.9	-17	313	1.8	-2.0	-0.7	1	J
9	335	8.6	17	J	2.8	-41	328	1.7	-1.3	-1.7	1	J
10	338	8.8	19	J	2.7	-48	267	-0.1	-1.5	-1.3	2	J
11	339	9.7	19	J	3.1	-51	230	-1.2	-1.7	-2.1	1	J
12	338	10.5	18	J	3.6	-63	299	0.8	-1.8	-2.9	1	J
13	337	11.3	15	J	3.7	-66	348	1.4	-0.7	-3.2	1	J
14	338	11.7	21	J	3.4	-68	50	0.8	0.6	-3.2	1	J
15	337	12.5	18	J	3.6	-48	64	0.9	1.8	-2.4	2	J
16	335	12.0	16	J	3.6	-39	86	0.2	2.6	-2.1	1	J
17	335	12.4	14	J	3.0	-71	77	0.2	1.1	-2.5	1	J
18	330	12.0	17	J	3.2	-35	19	2.3	1.0	-1.6	1	J
19	330	12.0	18	J	3.6	4	59	1.4	2.2	0.6	2	J
20	337	12.3	19	J	3.4	-54	151	-1.5	1.4	-2.1	1	J
21	334	13.3	18	J	3.5	-42	68	0.6	1.8	-1.0	3	J
22	337	15.0	19	J	3.5	-79	59	0.1	0.6	-1.3	3	J
23	337	17.7	16	J	4.0	-31	272	0.1	-2.5	-2.7	2	J
24	334	16.3	20	J	4.3	-8	293	1.4	-2.9	-1.4	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	353	17.8	30	J	4.0	-25	185	-3.3	0.1	-1.6	1	J
2	350	18.4	29	J	4.8	-29	249	-1.2	-2.5	-2.4	3	J
3	345	20.1	26	J	4.5	6	259	-0.8	-4.0	-0.3	2	J
4	339	23.7	17	J	4.3	-32	273	0.2	-2.9	-2.4	2	J
5	339	28.4	15	J	5.2	-66	312	1.2	-1.1	-4.2	3	J
6	342	39.1	15	J	6.4	-76	297	0.7	-1.1	-5.9	2	J
7	349	33.3	21	J	8.8	-50	130	-3.4	4.0	-6.5	3	J
8	355	30.0	24	J	10.1	-31	140	-6.1	4.8	-5.1	4	J
9	366	32.5	26	J	10.0	-45	144	-5.4	3.3	-7.1	3	J
10	382	27.6	32	J	11.2	-15	136	-7.4	6.7	-3.6	4	J
11	380	23.8	31	J	12.3	-16	138	-8.7	7.3	-4.5	2	J
12	374	24.1	29	J	11.4	-3	140	-8.5	6.9	-1.6	3	J
13	364	16.2	56	J	10.0	1	134	-6.5	6.8	-0.7	4	J
14	370	17.1	84	J	8.6	-2	122	-3.9	6.1	-0.9	5	J
15	366	16.9	76	J	9.5	43	132	-4.3	5.1	5.7	4	J
16	355	16.1	63	J	11.3	61	117	-2.4	4.8	9.7	3	J
17	358	23.0	37	J	12.1	61	105	-1.5	4.9	10.8	1	J
18	413	23.4	148	J	12.7	-28	143	-8.5	7.0	-4.8	4	J
19	428	19.1	129	J	11.3	32	108	-2.5	6.7	6.3	6	J
20	454	15.8	160	J	9.0	20	126	-4.1	5.0	3.8	6	J
21	455	13.3	131	J	11.3	1	128	-6.8	8.4	2.4	3	J
22	441	15.0	108	J	12.2	-4	109	-3.7	10.6	2.2	4	J
23	419	11.7	99	J	12.1	-9	101	-2.1	11.2	1.4	4	J
24	401	17.7	80	J	12.3	7	127	-6.9	8.5	3.9	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	397	20.4	78	J	12.0	-8	146	-9.6	6.7	0.1	3	J
2	399	21.2	81	J	12.7	-25	153	-10.0	6.1	-4.0	3	J
3	399	21.5	82	J	12.7	-22	145	-9.3	7.2	-3.4	3	J
4	418	19.9	116	J	11.7	5	137	-7.6	6.9	1.8	5	J
5	451	15.7	141	J	14.2	19	139	-9.2	7.7	4.8	6	J
6	484	12.6	176	J	14.4	29	133	-8.5	9.0	7.1	2	J
7	558	10.5	264	J	11.9	34	140	-6.1	5.3	5.3	7	J
8	595	11.2	367	J	14.3	-11	140	-8.0	6.5	-2.5	10	J
9	627	10.9	370	J	12.5	33	131	-5.8	7.3	5.0	6	J
10	608	10.8	285	J	11.0	-8	161	-9.0	2.9	-1.7	5	J
11	655	10.3	419	J	9.3	-1	152	-6.8	3.5	-0.6	5	J
12	646	8.3	370	J	8.7	17	116	-2.6	5.6	1.0	6	J
13	638	6.3	266	J	8.0	-20	109	-2.0	5.6	-3.1	4	J
14	632	5.1	219	J	6.4	-10	141	-3.9	3.1	-1.2	4	J
15	645	4.8	231	J	6.2	22	131	-2.9	3.5	1.6	4	J
16	638	4.6	240	J	6.9	26	133	-3.5	3.7	2.5	4	J
17	667	4.7	267	J	6.0	-66	103	-0.4	1.9	-3.9	4	J
18	641	4.7	220	J	5.6	-13	203	-3.5	-1.4	-1.1	4	J
19	653	4.8	206	J	6.1	-10	218	-2.9	-2.1	-1.0	5	J
20	622	4.6	150	J	6.2	15	141	-4.5	3.2	2.4	2	J
21	631	5.1	157	J	6.7	-9	144	-4.1	3.1	-0.0	4	J
22	639	5.1	168	J	6.8	-12	136	-3.8	3.9	-0.1	4	J
23	634	4.7	135	J	7.4	-12	130	-4.4	5.4	-0.0	2	J
24	615	4.3	76	J	7.8	31	136	-4.7	3.3	5.1	1	X

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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					7.2	1	182	-6.1	-0.2	0.0	4	X
2					7.1	30	193	-5.2	-1.8	2.7	4	X
3	621	4.4	142	J	7.1	6	140	-5.1	4.1	1.4	2	J
4	614	4.4	127	J	6.9	6	156	-5.7	2.5	1.0	3	J
5	644	5.0	196	J	6.7	-22	216	-3.3	-2.3	-1.8	5	J
6	672	3.7	256	J	5.7	-9	148	-3.8	2.4	-0.7	3	J
7	654	3.6	187	J	6.7	5	140	-4.7	4.0	0.4	3	J
8	649	3.9	220	J	6.8	5	132	-4.3	4.8	0.2	2	J
9	648	3.7	169	J	6.5	2	147	-4.9	3.2	-0.2	3	J
10	684	3.5	195	J	5.0	-1	158	-3.3	1.4	-0.3	4	J
11	720	3.0	300	J	4.7	9	150	-3.4	2.1	0.3	2	J
12	740	2.9	282	J	5.0	-5	143	-3.3	2.4	-0.8	3	J
13	731	3.0	291	J	5.2	-20	139	-3.0	2.4	-1.8	3	J
14	748	3.2	332	J	4.6	-26	155	-2.4	0.9	-1.4	4	J
15	756	3.3	333	J	4.1	39	132	-1.4	1.6	1.5	3	J
16	756	2.9	267	J	4.1	15	85	0.3	3.4	0.9	2	J
17	739	2.6	310	J	3.6	24	153	-2.4	1.1	1.3	2	J
18	717	2.8	358	J	4.2	-9	168	-3.5	0.8	-0.5	2	J
19	714	2.8	330	J	4.2	-15	165	-3.5	1.2	-0.8	2	J
20	710	2.8	302	J	4.1	-10	168	-3.7	0.9	-0.5	2	J
21	719	2.6	235	J	3.8	29	133	-2.0	1.7	2.1	2	J
22	717	2.7	210	J	3.7	6	181	-2.2	-0.1	0.2	3	J
23	694	2.3	139	J	3.7	13	157	-2.8	1.0	1.0	2	J
24	683	2.2	118	J	3.7	12	153	-3.0	1.3	1.1	1	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	667	2.3	178	J	3.9	8	148	-2.8	1.5	0.9	2	J
2	656	2.7	192	J	4.2	16	162	-3.7	1.0	1.3	1	J
3	642	3.1	246	J	4.3	14	145	-3.1	2.0	1.2	2	J
4	648	3.1	272	J	3.5	23	175	-3.0	0.2	1.3	1	J
5	628	2.8	105	J	3.9	25	179	-2.8	0.0	1.3	3	J
6	630	3.9	88	J	4.4	-25	89	0.0	2.1	-1.0	4	J
7	622	5.8	114	J	4.6	-23	37	3.1	2.2	-1.7	2	J
8	606	5.2	111	J	4.7	-20	40	3.0	2.4	-1.6	2	J
9	605	5.7	129	J	4.0	7	70	1.2	3.3	-0.0	2	J
10	599	5.6	132	J	4.1	-21	72	1.0	2.7	-1.6	3	J
11	578	5.8	197	J	4.0	-17	139	-2.5	1.9	-1.3	2	J
12	561	6.0	86	J	4.5	-5	163	-3.9	1.1	-0.6	2	J
13	580	6.0	144	J	4.9	-11	103	-0.5	2.0	-0.7	4	J
14	577	6.0	177	J	4.0	-23	104	-0.8	2.8	-1.6	2	J
15	564	5.6	146	J	3.1	3	118	-1.3	2.5	-0.1	2	J
16	557	5.3	112	J	4.3	-7	112	-1.5	3.8	-0.6	1	J
17	550	6.0	102	J	4.5	-2	122	-2.3	3.6	-0.1	1	J
18	544	7.9	120	J	3.6	-8	187	-2.9	-0.3	-0.4	2	J
19	534	7.4	123	J	3.7	-18	205	-2.3	-1.0	-1.0	3	X
20	536	7.2	122	J	3.7	15	191	-2.8	-0.7	0.7	2	X
21	543	7.6	123	J	4.2	44	134	-1.5	1.1	2.4	3	X
22	546	7.6	101	J	5.7	23	191	-5.0	-1.5	1.9	1	X
23	540	7.1	108	J	5.0	19	152	-2.9	1.2	1.5	4	X
24	563	7.9	83	J	5.3	0	59	2.6	4.1	1.1	2	X

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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	563	9.1	110	J	5.1	22	50	2.6	2.6	2.4	3	X
2	548	8.7	123	J	4.1	7	56	1.8	2.5	0.9	3	X
3	548	6.8	143	J	4.2	31	56	1.8	2.4	2.3	2	X
4	537	6.4	141	J	4.4	24	55	2.0	2.7	1.8	2	X
5	542	6.4	125	J	4.1	0	45	2.6	2.6	0.1	2	X
6	537	6.7	118	J								
7	547	6.0	118	J								
8	546	5.7	145	J								
9	542	5.3	116	J								
10	541	5.7	99	J								
11	548	6.2	108	J								
12	550	6.8	138	J								
13	550	7.6	147	J								
14	551	7.9	160	J								
15	536	10.7	204	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												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	691	0.0	0	H								
14	692	0.0	0	H								
15	661	0.0	0	H								
16	675	0.0	0	H								
17	699	0.0	0	H								
18	689	4.1	249	L								
19	682	4.6	238	L	5.0	-20	144	-2.1	1.6	-0.7	4	X
20	693	4.4	259	L	5.7	27	105	-1.0	3.4	2.6	4	X
21	693	4.4	230	L	5.3	6	116	-1.9	3.6	1.2	3	X
22	693	4.0	201	L	5.7	-21	143	-4.0	3.5	-1.1	2	X
23	678	4.1	189	L	5.4	8	144	-2.0	1.4	0.7	5	X
24	687	4.6	204	L	5.4	58	318	1.0	-1.4	1.9	5	X

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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	657	4.4	185	L	6.1	-2	137	-4.3	4.0	0.7	1	X
2	658	5.0	207	L	5.8	9	120	-2.6	4.3	1.6	3	X
3	627	0.0	0	H	6.3	45	186	-3.8	-0.9	3.6	3	X
4	618	0.0	0	H	6.3	56	224	-2.5	-2.9	4.9	2	X
5	631	0.0	0	H	6.2	35	162	-3.7	1.1	2.7	4	X
6	621	0.0	0	H	6.1	35	124	-2.5	3.8	3.2	3	X
7	640	0.0	0	H								
8	628	4.0	253	L								
9	621	3.9	260	L								
10	648	4.6	267	L								
11	655	4.6	302	L								
12	655	4.3	242	L								
13	643	4.5	267	L								
14	646	5.0	235	L								
15	631	6.3	237	L								
16	635	6.9	257	L								
17	631	5.0	208	L								
18	638	4.6	198	L								
19	633	4.6	201	L								
20	630	4.5	199	L								
21	658	4.5	199	L								
22	660	4.4	162	L								
23	647	3.8	164	L								
24	653	4.1	197	L	5.8	-11	136	-4.0	4.0	-0.2	2	X

06/18/75 - 06/25/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 18, 1975							169
1	651	4.1	195	L	5.3	-31	128	-2.1	3.1	-1.4	4	X
2	660	4.3	233	L	5.1	-31	133	-2.6	3.1	-1.8	3	X
3	652	4.4	226	L	4.8	12	124	-2.0	2.9	1.2	3	X
4	652	4.8	210	L	4.4	-5	178	-3.6	0.1	-0.3	3	X
5	645	4.4	203	L								
6	647	4.1	177	L								
7	631	4.0	174	L								
8	630	4.3	177	L								
9	629	4.0	176	L								
10	647	4.3	198	L								
11	644	4.4	191	L								
12	639	4.3	196	L								
13	645	4.2	204	L								
14												
15												
16												
17												
18	621	0.0	0	H	4.4	4	192	-3.7	-0.8	0.2	2	X
19	631	0.0	0	H	4.7	8	158	-4.1	1.5	0.8	2	X
20	598	3.7	162	L	5.0	5	167	-3.5	0.7	0.4	4	X
21	590	3.7	162	L	5.4	30	140	-2.5	1.7	2.3	4	X
22	612	3.1	165	L	5.2	15	111	-1.7	4.0	2.3	2	X
23	593	3.0	184	L	4.9	25	141	-3.0	2.0	2.3	2	X
24	586	3.5	169	L	4.9	-6	144	-2.9	2.1	0.1	3	X

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 19, 1975							170
1	601	3.5	178	L	5.1	-10	124	-2.1	3.2	-0.1	3	X
2	624	3.3	194	L	5.1	69	177	-1.6	-0.6	4.1	3	X
3					4.6	17	224	-2.6	-2.6	0.8	3	X
4	623	4.6	200	L	4.7	41	186	-3.0	-0.5	2.7	2	X
5	618	4.9	170	L	4.9	5	181	-4.3	-0.1	0.4	2	X
6	617	4.4	189	L								
7	642	4.0	195	L								
8	632	3.9	176	L								
9	625	3.9	168	L								
10	628	3.6	162	L								
11	616	3.4	119	L								
12	603	3.4	111	L								
13	603	3.4	130	L								
14	607	3.3	149	L								
15												
16												
17												
18					4.9	-26	174	-3.7	0.5	-1.8	3	X
19					5.0	-21	154	-3.4	1.9	-1.3	3	X
20					4.6	6	147	-3.4	2.1	0.8	2	X
21	600	3.3	170	L	4.9	7	154	-4.0	1.9	0.9	2	X
22	577	2.7	187	L	4.9	-33	149	-2.7	2.0	-1.6	3	X
23	565	2.9	205	L	4.1	-29	163	-2.0	0.9	-1.0	4	X
24	586	3.0	203	L	5.1	0	111	-1.7	4.2	0.9	2	X

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 20, 1975							171
1					4.8	7	173	-3.8	0.3	0.6	3	X
2	565	3.7	226	L	4.4	4	185	-3.5	-0.3	0.1	3	X
3					4.2	14	179	-3.2	0.0	0.8	3	X
4	554	3.6	189	L	4.4	50	183	-2.4	-0.3	2.9	2	X
5	562	3.9	199	L	4.1	35	191	-2.6	-0.5	1.8	3	J
6	547	4.1	186	L	4.4	26	199	-3.4	-1.1	1.8	2	J
7	542	3.6	173	L	4.7	3	188	-4.5	-0.6	0.3	1	J
8	537	3.5	171	L	4.1	-10	177	-2.1	0.0	-0.4	4	J
9	535	3.5	182	L	3.8	-10	185	-3.5	-0.4	-0.5	1	J
10	528	3.1	158	L	4.1	8	189	-3.8	-0.5	0.6	1	J
11	525	3.6	160	L	4.1	-8	154	-3.2	1.5	-0.8	2	J
12	545	3.0	137	L	5.2	-13	69	1.5	3.7	-1.8	3	J
13					5.3	8	54	2.9	4.0	-0.1	2	J
14					4.3	25	77	0.8	3.5	1.0	2	J
15					4.2	23	106	-0.9	3.1	0.9	3	J
16					4.6	14	110	-1.3	3.6	0.7	3	J
17	507	3.8	166	L	5.5	12	98	-0.7	4.8	1.0	2	J
18	521	3.7	139	L	4.7	19	111	-1.1	2.8	1.3	3	J
19	493	4.2	133	L	4.7	-13	93	-0.2	4.0	-0.4	3	J
20	501	3.3	160	L	4.2	-52	132	-1.0	1.4	-1.8	3	J
21	501	3.1	143	L	4.5	-34	90	0.0	3.7	-1.5	2	J
22	504	3.1	129	L	4.6	-1	91	-0.1	4.0	0.8	2	J
23	473	3.1	125	L	4.3	-29	157	-3.5	1.9	-1.7	2	J
24	465	2.9	100	L	4.6	-23	143	-3.4	2.1	-1.2	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 21, 1975							172
1	474	2.9	111	L	4.3	-11	149	-2.9	1.9	-0.3	3	J
2	480	2.9	104	L	4.6	-29	168	-3.0	0.9	-1.6	3	J
3	501	2.5	138	L	4.7	-36	231	-2.3	-2.5	-2.9	1	J
4	484	3.3	100	L	4.8	-21	205	-3.6	-1.6	-1.6	2	J
5	470	3.6	98	L	5.2	7	181	-4.8	-0.1	0.6	2	J
6	466	3.7	91	L	5.2	11	169	-4.8	0.9	1.0	1	J
7	466	4.0	94	L	5.2	-13	155	-4.4	2.0	-1.3	2	J
8	465	3.6	100	L	5.1	-35	182	-4.0	-0.5	-2.8	1	J
9	463	4.1	69	L	4.6	-43	175	-3.4	-0.2	-3.1	1	J
10	459	3.3	103	L	4.5	-22	171	-3.9	0.3	-1.7	1	J
11	457	3.3	98	L	4.6	-12	163	-4.2	1.1	-1.2	1	J
12	458	3.5	97	L	4.6	1	149	-3.6	2.2	-0.4	2	J
13	458	3.4	104	L	4.6	4	143	-3.2	2.4	-0.2	2	J
14	459	3.6	102	L	4.3	8	149	-3.5	2.2	0.2	1	J
15	455	4.1	94	L	4.3	-18	150	-3.2	1.7	-1.4	2	J
16	455	4.5	88	L	4.4	-21	130	-2.4	2.8	-1.6	2	J
17	455	4.8	89	L	4.2	-42	142	-2.1	1.6	-2.4	2	J
18	460	5.1	68	L	4.7	-88	36	0.1	0.3	-4.3	2	J
19	444	5.7	95	L	5.1	-8	124	-2.5	3.8	-0.2	2	J
20	456	5.7	99	L	5.1	-29	115	-1.2	2.8	-1.2	4	J
21	454	6.1	108	L	5.4	-60	140	-1.8	2.2	-3.6	3	J
22	444	6.2	94	L	5.4	-34	99	-0.6	4.4	-1.8	3	J
23	430	5.8	82	L	5.1	-45	178	-3.0	0.7	-2.9	3	J
24	424	5.7	92	L	5.1	-13	196	-4.8	-1.1	-1.4	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 22, 1975							173
1	415	5.8	85	L	5.5	-9	186	-5.3	-0.4	-0.9	1	J
2	416	5.4	88	L	5.1	-5	200	-4.6	-1.6	-0.6	1	J
3	411	6.0	91	L	5.4	1	205	-4.6	-2.2	-0.1	2	J
4	413	5.8	92	L	5.6	-13	206	-4.0	-1.9	-1.1	3	J
5	405	5.4	83	L	5.1	11	176	-4.5	0.3	0.9	2	J
6	399	4.6	73	L	5.2	-5	201	-4.7	-1.8	-0.3	1	J
7	394	4.5	71	L	5.0	-20	206	-4.2	-2.3	-1.5	1	J
8	395	4.5	68	L	4.8	-27	204	-3.8	-2.0	-1.8	1	J
9	400	4.4	61	L	4.6	-40	208	-3.0	-2.1	-2.6	1	J
10	404	4.4	62	L	4.8	-43	207	-3.0	-2.1	-2.7	1	J
11	398	4.8	63	L	5.1	-36	201	-3.9	-2.1	-2.6	1	J
12	390	4.8	58	L	5.1	-24	151	-3.9	1.7	-2.4	2	J
13	391	4.8	63	L	4.8	-17	137	-3.4	2.7	-2.0	1	J
14	387	4.6	62	L	5.0	0	140	-3.7	3.1	-0.6	1	J
15	382	4.2	52	L	5.3	29	151	-4.0	2.5	2.2	1	J
16	388	3.9	61	L	5.3	46	154	-3.1	1.8	3.5	2	J
17	391	3.7	57	L	5.1	53	158	-2.7	1.2	3.8	2	J
18	389	4.1	64	L	4.4	22	147	-3.0	1.9	1.6	2	J
19	386	5.0	60	L	3.9	1	137	-2.8	2.6	0.4	1	J
20	395	6.5	52	L	4.1	-59	116	-0.7	1.9	-2.5	3	J
21	395	7.4	54	L	4.3	12	92	-0.1	3.6	1.5	2	J
22	385	7.2	55	L	3.8	17	140	-1.8	1.3	1.0	3	J
23	384	7.6	53	L	3.9	1	118	-1.6	3.0	0.7	2	J
24	377	6.8	52	L	4.1	-21	123	-2.0	3.3	-0.8	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 23, 1975							174
1	370	5.9	52	L	3.9	11	142	-2.8	2.0	1.1	1	J
2	363	5.2	51	L	4.6	18	193	-4.2	-1.2	1.2	1	J
3	383	6.1	56	L	4.2	-7	105	-0.7	2.7	-0.0	3	J
4	378	6.6	52	L	4.1	-11	91	-0.1	3.7	-0.5	1	J
5	370	6.4	57	L	4.0	-12	101	-0.6	3.3	-0.7	2	J
6	365	5.3	46	L	4.3	-5	125	-2.4	3.4	-0.6	1	J
7	360	5.3	44	L	4.4	9	126	-2.5	3.5	0.3	1	J
8	359	5.1	38	L	4.1	29	109	-1.1	3.5	1.4	1	J
9	359	5.1	40	L	3.7	11	104	-0.8	3.4	0.1	1	J
10	355	4.8	41	L	2.9	8	127	-1.3	1.7	-0.1	2	J
11	348	4.9	46	L	2.8	-25	160	-2.3	0.5	-1.3	1	J
12	344	5.3	42	L	3.3	-21	145	-2.4	1.4	-1.5	1	J
13	344	5.5	40	L	3.3	-15	149	-2.5	1.3	-1.1	2	J
14	344	5.7	41	L	3.3	-12	156	-2.7	1.1	-0.8	1	J
15	341	5.8	41	L	3.3	-8	163	-3.0	0.8	-0.5	1	J
16	341	5.7	37	L	3.5	-5	174	-2.7	0.3	-0.2	2	J
17	346	6.1	37	L	3.8	26	176	-2.5	0.2	1.2	3	J
18	347	6.2	40	L	3.7	-6	182	-2.5	-0.1	-0.3	3	J
19	352	6.8	39	L	3.4	20	194	-2.0	-0.6	0.8	3	J
20	350	7.2	37	L	3.5	50	207	-1.9	-1.4	2.4	1	J
21	348	7.4	41	L	3.0	23	176	-2.0	-0.1	0.9	2	J
22	348	8.2	45	L	2.6	-47	173	-1.6	0.5	-1.6	1	J
23	341	8.3	40	L	3.3	-7	151	-2.8	1.5	-0.1	1	J
24	343	8.7	38	L	3.5	-28	144	-2.1	1.8	-1.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 24, 1975							175
1	345	8.7	37	L	3.4	-25	88	0.1	3.1	-0.9	1	J
2	341	8.7	35	L	3.3	-4	113	-1.1	2.6	0.2	2	J
3	336	9.0	27	J	3.1	26	143	-2.1	1.5	1.4	1	J
4	331	9.1	29	J	3.4	6	157	-2.9	1.2	0.4	1	J
5	350	9.8	27	J	3.6	4	91	-0.1	3.0	0.2	2	J
6	337	10.3	19	J	3.8	-9	121	-1.8	3.0	-0.8	1	J
7	332	10.3	19	J	3.9	-5	130	-2.4	2.7	-0.6	1	J
8	334	10.6	19	J	3.7	-12	126	-2.1	2.7	-1.1	1	J
9	335	11.5	16	J	3.6	-19	114	-1.3	2.7	-1.7	1	J
10	334	12.5	14	J	3.5	-34	114	-1.0	1.9	-2.2	2	J
11	337	15.8	14	J	2.4	-28	113	-0.7	1.4	-1.4	1	J
12	337	15.7	15	J	2.4	-24	106	-0.6	1.7	-1.3	1	J
13	336	16.1	13	J	2.5	-5	120	-1.1	1.9	-0.6	1	J
14	335	16.8	12	J	2.8	9	130	-1.7	2.0	0.0	1	J
15	334	17.7	13	J	1.8	-3	114	-0.6	1.4	-0.3	1	J
16	334	16.1	13	J	2.7	15	112	-0.9	2.4	0.5	1	J
17	330	14.6	13	J	3.2	-10	101	-0.6	2.9	-0.6	1	J
18	332	15.0	12	J	2.8	3	93	-0.1	2.8	0.2	1	J
19	326	11.7	12	L	1.7	-48	31	0.9	0.6	-1.1	1	J
20	324	11.2	13	L	2.1	-17	96	-0.2	2.0	-0.3	1	J
21	323	11.6	11	L	1.8	15	108	-0.5	1.6	0.8	1	J
22	321	11.9	14	L	2.2	9	78	0.5	2.0	0.7	0	J
23	320	12.1	13	L	2.3	23	79	0.4	1.9	1.3	0	J
24	321	12.9	13	L	2.2	23	72	0.6	1.6	1.1	0	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 25, 1975							176
1	322	13.3	14	L	2.9	31	75	0.6	2.0	1.8	1	J
2	320	14.0	14	L	2.8	32	70	0.8	1.9	1.7	1	J
3	320	15.4	13	L	2.7	29	109	-0.7	2.1	1.5	1	J
4	323	18.7	16	L	1.6	20	94	-0.1	1.5	0.6	1	J
5	323	22.6	18	L	1.0	-20	51	0.5	0.7	-0.3	0	J
6	328	32.0	17	L	1.1	-19	9	0.7	0.1	-0.3	1	J
7	332	39.6	18	L	3.9	10	103	-0.8	3.6	0.2	1	J
8	331	33.4	25	L	4.0	-7	88	0.1	3.0	-0.9	3	J
9	328	30.8	19	L	3.5	36	96	-0.3	3.0	1.4	1	J
10	326	29.3	20	L	2.1	6	295	0.5	-1.0	0.3	2	J
11	323	25.0	18	L	2.8	-30	303	1.2	-2.0	-0.7	1	J
12	326	18.5	18	L	4.9	-1	129	-2.8	3.4	-0.9	2	J
13	323	17.1	18	L	4.1	19	139	-2.7	2.6	0.6	2	J
14	327	16.2	17	L	4.4	-46	154	-2.7	0.6	-3.4	1	J
15	325	16.3	14	L	3.9	-35	149	-2.7	1.2	-2.4	1	J
16	325	17.0	14	L	3.8	-28	142	-2.6	1.8	-1.9	1	J
17	332	15.1	25	L	3.7	5	151	-1.4	0.8	0.1	3	J
18	351	10.6	48	L	4.6	8	341	3.7	-1.3	0.6	2	J
19	355	7.9	66	L	5.5	-37	315	2.9	-2.6	-3.3	2	J
20	358	7.4	71	L	5.3	-49	306	2.0	-2.2	-4.1	2	J
21	354	8.7	72	L	4.6	-32	310	2.3	-2.3	-2.6	2	J
22	354	8.6	51	L	5.4	-48	312	2.2	-1.8	-4.1	2	J
23	353	9.2	48	L	4.9	-43	324	2.7	-1.4	-3.4	2	J
24	355	9.7	41	L	4.6	-54	315	1.6	-1.0	-3.3	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					JUN. 26, 1975							177					JUN. 27, 1975							178
1	360	10.5	30	L	4.3	-41	324	2.5	-1.4	-2.9	1	J	351	13.5	32	J	2.9	13	25	2.0	0.8	0.6	2	J
2	358	11.3	26	L	4.0	-37	320	2.4	-1.7	-2.5	1	J	361	14.2	29	J	2.7	14	360	2.4	-0.1	0.6	1	J
3	356	12.1	24	L	3.6	-27	322	2.5	-1.8	-1.7	1	J	362	15.2	30	J	2.4	-7	329	1.8	-1.1	-0.4	1	J
4	362	14.5	23	J	3.7	-44	308	1.6	-2.0	-2.7	1	J	360	15.8	28	J	2.2	21	323	1.5	-1.1	0.7	5	J
5	360	15.1	25	J	3.9	5	314	2.6	-2.7	0.4	1	J	361	15.6	30	J	2.1	2	305	0.9	-1.3	0.1	2	J
6	368	15.8	31	J	4.2	-29	55	0.9	1.2	-1.0	4	J	357	15.9	26	J	2.1	22	41	0.9	0.8	0.4	2	J
7	382	15.1	55	J	3.4	-13	295	0.7	-1.6	-0.2	3	J	352	13.2	23	J	2.7	27	351	2.1	-0.2	1.1	1	J
8	376	14.3	41	J	3.7	-33	238	-1.5	-2.7	-1.5	2	J	350	12.5	24	J	2.9	35	23	1.8	1.0	1.2	2	J
9	371	15.5	38	J	2.4	-58	330	0.3	-0.3	-0.4	3	J	354	10.5	43	J	2.9	0	336	2.6	-1.1	0.2	1	J
10	370	17.0	30	J	2.9	-39	42	1.4	0.9	-1.9	1	J	352	9.0	41	J								
11	368	16.6	32	J	3.6	-15	21	1.1	0.3	-0.4	3	J	360	7.9	40	J								
12	374	13.8	38	J	4.3	-24	165	-3.7	0.5	-1.9	1	J	368	7.8	38	J								
13	377	13.4	38	J	4.4	-14	160	-4.0	1.2	-1.4	0	J	368	8.3	43	J								
14	370	15.2	39	J	2.9	-17	166	-2.6	0.4	-0.9	1	J	366	7.8	49	J								
15	373	16.6	40	J	2.6	-13	179	-1.6	-0.1	-0.4	2	J	357	8.4	37	J								
16	365	17.2	37	J	2.3	-38	19	0.8	0.2	-0.7	2	J	363	8.8	31	J								
17	361	15.8	28	J	4.2	3	85	0.3	3.4	0.0	3	J	362	9.3	32	J								
18	353	15.6	22	J	3.9	32	87	0.8	3.0	1.9	2	J	358	9.0	33	J								
19	345	15.9	21	J	3.4	8	114	-1.0	2.4	0.6	2	J	354	9.8	33	J								
20	348	14.0	31	J	3.4	-31	189	-2.5	-0.2	-1.5	2	J	352	10.2	33	J								
21	350	14.7	26	J	2.7	10	111	-0.8	2.0	0.7	1	J	359	8.1	25	J								
22	352	14.7	27	J	2.8	20	93	-0.1	2.2	1.3	1	J	353	9.3	30	J								
23	350	14.9	27	J	2.9	9	82	0.4	2.6	0.9	1	J												
24	357	15.2	27	J	2.2	16	21	1.6	0.5	0.6	1	J					3.3	-26	168	-2.7	0.8	-1.2	1	X
					JUN. 28, 1975							179					JUN. 29, 1975							180
1					3.2	-35	199	-2.3	-0.6	-1.8	1	X	364	0.0	0	H	5.7	31	333	4.0	-2.4	2.5	2	X
2					2.8	-22	252	-0.4	-1.1	-0.6	3	X	340	0.0	0	H	5.1	0	294	1.4	-3.2	-0.3	4	X
3					2.9	17	342	2.6	-0.9	0.7	1	X	357	0.0	0	H	5.7	-30	242	-1.3	-2.2	-1.7	5	X
4					2.7	13	335	2.4	-1.1	0.6	1	X	323	0.0	0	H								
5					2.2	-13	316	1.3	-1.2	-0.4	1	X	349	0.0	0	H	3.0	-47	327	1.4	-1.0	-1.8	2	X
6					2.7	-35	95	-0.1	0.7	-0.7	3	X	345	0.0	0	H	3.9	-35	357	2.4	-0.3	-1.7	3	X
7													344	0.0	0	H								
8													339	0.0	0	H								
9													340	0.0	0	H								
10													343	0.0	0	H								
11													348	0.0	0	H								
12													359	0.0	0	H								
13	296	0.0	0	H									352	0.0	0	H								
14													356	0.0	0	H								
15	316	0.0	0	H									373	0.0	0	H								
16	303	0.0	0	H									386	52.1	76	L								
17	310	0.0	0	H									382	57.3	82	L								
18	310	0.0	0	H									436	0.0	0	H								
19	324	0.0	0	H									514	0.0	0	H								
20	334	0.0	0	H	4.6	12	340	4.0	-1.6	0.7	2	X	544	0.0	0	H								
21	326	0.0	0	H	4.8	20	23	4.0	1.5	1.8	2	X	578	0.0	0	H								
22	336	0.0	0	H	4.2	20	15	3.0	0.6	1.2	3	X	574	0.0	0	H								
23	343	0.0	0	H	5.4	10	298	2.5	-4.7	0.1	2	X	559	0.0	0	H								
24	362	0.0	0	H	5.1	12	320	3.7	-3.2	0.5	2	X	563	0.0	0	H								
					JUN. 30, 1975							181					JUL. 1, 1975							182
1	556	0.0	0	H									597	5.4	149	L	3.7	36	313	1.9	-2.2	1.7	2	X
2	537	0.0	0	H									593	5.2	135	L	3.6	24	331	2.4	-1.4	1.1	2	X
3	528	0.0	0	H									595	4.6	149	L	3.2	-6	322	1.9	-1.5	-0.4	2	X
4	535	0.0	0	H									608	0.0	0	H	2.8	5	310	1.3	-1.5	0.2	2	X
5	561	0.0	0	H									600	4.0	140	L								
6	595	0.0	0	H									599	4.1	120	L								
7													569	0.0	0	H								
8													588	4.4	87	L								
9													584	4.6	111	L								
10													572	0.0	0	H								
11													572	0.0	0	H								
12													571	2.8	112	L								
13	620	0.0	0	H									577	2.3	113	L								
14	614	0.0	0	H									534	2.0	108	L								
15													515	2.9	116	L								
16																								
17	583	3.3	125	L																				
18	594	3.5	103	L																				
19	589	3.8	111	L	3.9	-32	327	1.8	-1.1	-1.4	3	X												
20	582	5.1	134	L	4.6	0	289	1.3	-3.8	-0.3	2	X	477	14.1	88	J								
21	603	6.2	153	L	3.6	-52	234	-0.4	-0.5	-1.0	4	X	451	13.4	75	J								
22	612	6.6	149	L	4.2	-42	248	-1.0	-2.0	-2.6	2	X	447	7.4	89	J								
23	604	6.8	151	L	3.9	6	292	0.9	-2.2	-0.1	3	X	511	6.3	194	J								
24	607	6.2	146	L	4.1	-12	229	-2.2	-2.4	-1.0	2	X	529	6.3	206	J	5.7	2	233	-3.3	-4.3	-0.4	2	X
					JUL. 2, 1975							183					JUL. 3, 1975							184
1	526	5.5	156	J	4.3	17	237	-1.5	-2.4	0.5	3	X	497	5.4	143	J	3.8	-10	333	2.9	-1.4	-0.8	2	J
2	518	4.2	151	J	3.4	43	270	0.0	-1.5	1.2	3	X	500	5.2	129	J	4.5	10	321	3.1	-2.5	0.5	2	J
3	497	4.4	169	J	2.6	-11	312	1.2	-1.3	-0.3	2	X	497	6.8	154	L	3.7	0	328	2.7	-1.7	-0.0	2	J
4	490	5.6	157	J	4.8	1	341	4.1	-1.4	0.1	2	X	499	6.9	131	J	4.3	21	7	3.5	0.4	1.4	2	J
5	487	5.7	165	J	4.9	-1	276	0.3	-2.8	0.2	4	X	510	6.9	131	J	4.4	6	307	1.5	-2.0	0.4	4	J
6	484	5.6	160	J	3.8	-40	14	1.3	0.2	-1.1	4	X	509	7.2	101	J	5.2	45	336	3.2	-1.0	3.6	2	J
7	504	7.1	162	J									511	6.9	95	J	5.6	13	1	4.9	0.3	1.1	3	J
8	498	4.6	112	J									527	7.7	118	J	4.6	-45	287	0.7	-2.8	-1.8	3	J
9	498	4.2	80	J									537	7.1	158	J	4.2	-14	292	1.4	-3.6	0.0	2	J
10	492	4.7	112	J									529	6.9	187	J	4.1	-13	321	3.0	-2.6	-0.2	2	J
11	488	4.1	152	J									524	7.2	154	J	4.1	-19	303	2.0	-3.2	-0.3	2	J
12	475	4.5	164	J									518	6.6	147	J	3.8	-11	306	2.1	-3.0	0.2	1	J
13	467	4.5	147	J	7.1	-2	22	6.5	2.4	-0.9	1	J	509	6.1	107	J	4.1	10	312	2.6	-2.6	1.5	1	J
14	462	4.9	113	J	5.8	-23	42	3.9	2.8	-3.0	1	J	495	5.0	95	J	4.8	19	319	3.2	-2.3	2.2	2	J
15	481	5.3	93	J	6.0	-25	53	2.9	3.3	-3.1	3	J	476	5.2	89	J	5.0	2	305	2.7	-3.8	1.0	1	J
16	482	6.1	102	J	5.9	1	43	3.9	3.7	-0.5	2	J	497	5.6	77	J	4.8	-5	287	1.1	-3.6	0.3	3	J
17	481	5.1	97	J	6.4	3	26	5.7	2.8	0.0	1	J	476	6.5	138	J	4.3	-17	294	1.3	-3.1	-0.7	3	J
18	477	4.7	109	J	6.2	2	36	4.9	3.5	0.1	1	J	482	5.1	80	J	5.7	-17	258	-1.1	-5.2	-1.4	2	J
19	463	5.4	96	J	5.4	-8	52	3.0	3.8	-0.6	3	J	476	6.4	113	J	4.4	4	313	2.2	-2.4	0.2	3	J
20	452	5.7	92	J	6.7	-1	16	6.1	1.7	0.0	2	J	462	6.7	98	J	4.4	-16	13	3.9	1.0	-1.1	2	J
21	464	6.8	103	J	7.2	21	342	5.6	-2.0	2.1	3	J	472	6.7	107	J	4.3	10	336	2.7	-1.2	0.4	3	J
22	502	6.2	81	J	7.2	-15	250	-2.1	-5.4	-2.3	3	J	483	6.9	111	J	4.7	-22	291	1.3	-3.2	-1.9	3	J
23	491	5.2	134	J	6.3	21	0	5.4	-0.3	2.1	3	J	472	6.3	85	J	5.8	32	313	3.1	-3.6	2.4	2	J
24	520	5.7	143	J	3.3	-26	331	0.9	-0.4	-0.6	3	J	465	5.7	85	L	6.3	-10	233	-3.7	-4.7	-1.7	1	J

07/04/75 - 07/11/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 4, 1975							185
1	506	4.7	88	J	5.3	4	252	-1.5	-4.6	-0.1	2	J
2	487	3.9	75	J	4.9	27	306	2.3	-3.3	1.8	2	J
3	449	3.5	53	J	5.5	8	345	5.0	-1.3	0.7	2	J
4	457	3.6	64	J	5.1	23	340	4.1	-1.5	1.8	2	J
5	466	3.0	133	J	5.3	36	352	4.2	-0.4	3.1	1	J
6	468	3.4	136	J	5.0	26	354	4.5	-0.2	2.2	1	J
7	456	3.6	58	J	4.7	8	339	4.2	-1.5	0.8	1	J
8	455	4.3	51	J	4.3	6	340	3.8	-1.3	0.7	1	J
9	456	4.2	43	J	4.4	-1	337	3.8	-1.6	0.3	2	J
10	465	4.7	94	L	5.1	1	338	4.6	-1.8	0.6	1	J
11	489	4.8	114	L								
12	496	5.3	104	L	3.2	11	342	2.4	-0.6	0.7	2	J
13	487	5.4	104	L	3.1	-29	292	0.7	-1.8	-0.5	2	J
14	486	5.5	92	L	5.6	-38	310	0.9	-1.3	-0.8	5	J
15	481	5.3	109	J								
16	463	6.4	95	J	3.5	13	311	2.2	-2.4	1.2	0	J
17	467	6.6	57	J	3.3	9	302	1.6	-2.5	0.8	1	J
18	467	7.3	53	J	2.9	20	305	0.8	-1.2	0.6	3	J
19	472	7.6	59	J	3.1	17	249	-0.8	-2.1	0.7	2	J
20	474	7.3	59	J	3.6	-27	250	-0.9	-2.3	-1.4	2	J
21	473	7.6	54	J	4.9	-81	165	-0.7	0.6	-4.5	2	J
22	470	6.8	62	J	5.5	-12	249	-1.6	-4.0	-1.4	3	J
23	464	6.6	55	J	4.9	7	256	-1.1	-4.4	0.1	2	J
24	459	5.6	50	J	4.3	38	276	0.3	-3.6	2.2	1	J
					JUL. 5, 1975							186
1	452	5.2	46	J	3.6	63	352	1.4	-0.5	2.9	2	J
2	448	5.2	49	J	3.7	31	0	3.1	-0.1	1.9	1	J
3	444	5.1	52	J	3.6	17	320	2.6	-2.2	1.0	1	J
4	445	5.8	41	J	3.1	49	169	-1.0	0.2	1.2	3	J
5	445	5.6	42	J	3.0	2	166	-2.7	0.7	0.0	1	J
6	437	4.8	35	J	3.4	-41	137	-1.8	1.3	-2.3	1	J
7	434	5.0	38	J	3.8	-62	154	-1.5	0.1	-3.2	1	J
8	418	5.5	32	J	4.2	-33	278	0.4	-3.5	-1.2	2	J
9	407	5.1	27	J	3.7	3	304	2.0	-2.8	1.0	1	J
10	405	4.6	26	J	3.1	-2	301	1.5	-2.4	0.6	1	J
11	411	9.6	23	J	0.9	52	258	-0.1	-0.4	0.6	1	J
12	409	9.2	24	J	1.0	17	285	0.1	-0.3	0.2	1	J
13	400	5.5	37	J	2.7	36	341	1.8	-0.2	1.5	1	J
14	399	5.1	40	J	2.6	26	327	1.7	-0.8	1.3	1	J
15	413	6.5	29	J	2.6	43	320	0.9	-0.5	1.3	2	J
16	413	6.7	28	J	2.5	38	50	1.2	1.6	1.2	1	J
17	413	9.3	25	J	1.2	56	84	0.0	0.4	0.5	1	J
18	413	9.4	27	J	1.4	-66	357	0.2	-0.0	-0.4	1	J
19	411	10.2	23	J	1.5	-72	22	0.3	0.1	-0.9	1	J
20	409	9.9	21	J	1.2	19	123	-0.4	0.6	0.2	1	J
21	406	9.4	20	J	1.9	-39	185	-1.1	-0.0	-0.9	1	J
22	399	8.5	22	J	2.3	-9	117	-1.0	1.9	-0.1	1	J
23	398	7.8	22	J	2.8	20	95	-0.2	2.4	1.2	1	J
24	404	5.3	20	J	3.6	40	70	0.9	2.3	2.5	1	J
					JUL. 6, 1975							187
1	402	4.9	20	J	3.7	34	60	1.5	2.4	2.2	1	J
2	398	4.6	18	J	4.0	29	61	1.6	2.8	1.9	1	J
3	391	6.3	20	J	3.6	34	45	2.1	2.1	2.0	1	J
4	376	11.2	24	J	2.9	14	74	0.7	2.5	0.6	1	J
5	379	11.8	23	J	2.7	20	302	1.0	-1.5	0.8	2	J
6	371	14.4	18	J	2.2	23	280	0.3	-1.7	1.1	1	J
7	368	12.3	16	J	2.2	17	283	0.4	-1.8	1.0	1	J
8	366	13.0	15	J	1.6	27	277	0.1	-0.9	0.7	1	J
9	364	11.6	17	J	2.0	34	307	0.5	-0.5	0.8	2	J
10	366	11.9	14	J	2.1	-3	298	0.8	-1.5	0.4	1	J
11	367	10.8	16	J	1.7	-37	306	0.8	-1.3	-0.6	1	J
12	359	9.7	17	J	1.6	-70	299	0.3	-0.9	-1.3	1	J
13	356	9.8	18	J	1.5	-64	331	0.5	-0.7	-1.1	1	J
14	353	9.4	18	J	1.4	-25	351	1.2	-0.3	-0.4	1	J
15	352	9.6	22	J	1.6	0	5	1.5	0.1	-0.0	1	J
16	350	9.5	19	J	1.9	7	349	1.9	-0.4	0.3	1	J
17	350	7.9	21	J	1.6	12	351	1.4	-0.2	0.3	0	J
18	372	15.0	28	J	2.9	66	10	1.0	0.3	2.3	2	J
19	378	18.9	28	J	4.1	34	289	0.7	-2.0	1.4	3	J
20	374	21.9	26	J	4.9	-27	295	1.7	-3.6	-2.3	2	J
21	373	17.9	26	J	5.4	59	267	-0.1	-1.4	1.9	5	J
22	376	15.5	29	J	6.3	28	237	-3.0	-4.9	2.4	1	J
23	376	17.2	22	J	6.5	27	246	-2.3	-5.4	2.3	2	J
24	373	19.8	31	J	6.5	-48	276	0.3	-2.8	-3.9	5	J
					JUL. 7, 1975							188
1	375	16.7	33	J	7.6	-54	259	-0.8	-3.7	-6.0	3	J
2	371	21.8	27	J	6.6	23	278	0.6	-4.1	1.5	5	J
3	369	24.7	26	J	7.0	19	257	-1.4	-6.0	2.1	3	J
4	391	14.1	33	J	8.9	-4	262	-1.2	-8.6	-0.2	2	J
5	364	15.5	23	J	8.7	18	266	-0.4	-6.0	2.6	6	J
6	364	7.6	24	J	9.5	21	253	-2.6	-7.8	4.6	2	J
7	365	9.8	26	J	9.2	17	251	-2.8	-7.5	4.3	1	J
8	364	7.0	30	J	9.9	11	249	-3.4	-8.1	3.9	2	J
9	366	8.7	18	J	10.2	-3	246	-4.1	-8.9	2.1	2	J
10	365	7.6	17	J	10.5	-4	245	-4.4	-9.2	2.2	2	J
11	357	7.2	17	J	10.4	-19	242	-4.5	-9.0	-0.4	3	J
12	355	11.0	23	J	9.9	-27	238	-4.7	-8.6	-1.8	1	J
13	349	14.5	26	J	9.5	-42	232	-4.2	-7.1	-4.2	3	J
14	347	16.9	30	J	9.1	-46	223	-4.4	-5.7	-4.8	3	J
15	351	10.8	35	J	9.7	-25	219	-6.7	-6.2	-2.6	2	J
16	349	11.2	38	J	9.7	-30	216	-6.7	-5.7	-3.8	1	J
17	348	12.8	34	J	9.4	-42	220	-5.3	-5.2	-5.6	1	J
18	349	13.6	31	J	9.3	-39	232	-4.4	-6.0	-5.4	1	J
19	353	15.6	29	J	9.1	-58	242	-2.2	-4.3	-7.6	1	J
20	339	16.1	34	J	9.1	-37	202	-6.5	-2.4	-5.4	2	J
21	342	15.9	29	J	9.0	-58	202	-4.1	-1.2	-7.2	3	J
22	342	14.3	37	J	9.9	-43	216	-5.7	-3.5	-6.9	2	J
23	350	14.9	38	J	9.9	-37	217	-6.2	-4.1	-6.2	2	J
24	342	16.6	47	J	10.7	-18	223	-7.2	-6.4	-3.8	2	J
					JUL. 8, 1975							189
1	343	15.3	40	J	11.6	-40	212	-7.5	-4.2	-7.7	2	J
2	394	10.3	31	J	12.4	-46	202	-7.7	-2.8	-8.7	3	J
3	338	18.7	21	J	11.9	-48	194	-7.6	-1.9	-8.7	2	J
4	340	21.7	25	J	11.7	-55	173	-6.4	0.3	-9.3	3	J
5	339	24.5	23	J	11.1	-55	158	-5.9	1.4	-9.2	2	J
6	342	23.7	27	J	11.3	-47	143	-6.0	3.2	-8.6	3	J
7	330	21.1	19	J	11.9	-37	153	-8.4	2.7	-7.8	1	J
8	329	22.7	21	J	11.7	-31	144	-8.1	4.2	-7.3	1	J
9	343	22.8	26	J	11.3	-25	125	-5.8	6.5	-6.9	2	J
10	346	24.8	27	J	11.1	-24	122	-5.0	6.3	-6.5	4	J
11	340	30.4	25	J	12.0	-47	114	-3.2	4.0	-10.4	3	J
12	351	29.5	30	J	14.4	-46	103	-2.2	5.7	-12.7	3	J
13	353	26.1	50	J	15.3	-22	109	-4.3	10.2	-9.1	5	J
14	353	28.3	53	J	14.4	-24	100	-2.2	10.3	-8.9	4	J
15	357	24.9	63	J	14.1	-34	96	-1.2	9.0	-10.3	3	J
16	358	23.6	78	J	13.6	-39	87	0.5	8.6	-10.3	3	J
17	348	21.0	70	J	12.2	-32	93	-0.5	9.2	-7.6	3	J
18	344	17.2	40	J	12.8	-21	92	-0.4	11.3	-5.4	3	J
19	333	15.7	36	J	12.1	4	117	-4.9	9.7	0.6	5	J
20	328	15.1	27	J	11.2	8	144	-8.8	6.4	1.7	2	J
21	324	16.5	30	J	10.5	-4	153	-9.2	4.7	-0.4	2	J
22	322	16.4	31	J	10.0	-5	152	-8.6	4.7	-0.5	2	J
23	320	15.1	32	J	9.4	13	164	-8.5	2.2	2.2	2	J
24	343	14.9	43	J	7.6	-25	101	-1.2	6.5	-2.5	3	J
					JUL. 9, 1975							190
1	373	15.3	85	J	6.4	-8	112	-2.3	5.7	-0.5	2	J
2	396	15.5	84	J	7.3	-6	112	-2.4	5.9	-0.5	3	J
3	404	16.7	77	J	8.7	-13	121	-4.1	6.9	-1.9	3	J
4	402	17.1	79	J	9.6	-44	84	0.5	4.8	-5.2	7	J
5	395	15.2	87	J	10.5	-16	108	-2.8	8.4	-3.6	5	J
6	393	14.1	76	J	10.6	-10	122	-5.4	8.3	-3.2	3	J
7	396	11.5	71	J	11.8	8	130	-7.4	8.9	-0.3	2	J
8	392	13.7	86	J	12.3	30	132	-7.0	9.0	3.8	3	J
9	430	18.0	89	J								
10	441	22.6	152	J								
11	441	26.1	193	J								
12	441	21.2	161	J								
13	473	24.9	141	J								
14												
15	547	12.9	289	J								
16	596	10.0	298	J								
17	592	9.6	295	J								
18	563	8.3	229	J								
19	555	7.6	167	J								
20	555	6.7	139	J								
21	554	5.8	116	J	9.0	16	152	-7.2	3.7	2.5	3	X
22	579	7.0	222	J	7.1	9	141	-4.8	3.9	1.3	3	X
23	569	5.8	167	J	8.0	20	149	-6.3	3.6	2.9	2	X
24	555	5.4	147	J	6.9	15	158	-6.0	2.3	2.0	2	X
					JUL. 10, 1975							191
1	556	4.8	154	J	5.7	0	181	-5.0	0.0	0.0	3	X
2	562	4.1	124	J	5.6	15	185	-5.2	-0.5	1.4	2	X
3	556	4.3	105	J	5.6	12	172	-5.3	0.7	1.1	1	X
4	566	5.5	168	J								
5	581	6.2	151	J								
6	564	6.5	146	J								
7	547	7.2	168	J								
8	554	8.1	126	J								
9	550	7.7	121	J								
10	553	8.8	146	J								
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24					2.2	-61	92	0.0	1.1	-1.7	1	X
					JUL. 11, 1975							192
					3.3	-27	33	2.1	1.5	-1.2	2	X
					2.9	-30	354	2.0	-0.2	-1.2	2	X
					2.7	-21	156	-1.7	0.7	-0.7	2	X
					4.1	4	185	-4.0	-0.3	0.3	1	X
	496	16.2	573	L								
					3.9	2	150	-2.8	1.6	-0.1	2	X
	506	0.0	0	H	4.5	2	125	-2.0	2.8	-0.0	3	X
	513	0.0	0	H	4.7	22	132	-2.7	3.0	1.6	2	X
	522	0.0	0	H	4.8	21	112	-1.5	3.6	1.7	2	X
	467	0.0	0	H	5.0	26	112	-1.5	3.7	2.2	2	X
	486	0.0	0	H	4.9	13	161	-4.3	1.4	1.1	2	X
	502	0.0	0	H	4.5	22	140	-2.3	1.9	1.3	3	X

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 12, 1975							193					JUL. 13, 1975							194
1	503	0.0	0	H	4.5	5	201	-4.0	-1.5	0.3	1	X	449	6.1	103	L	3.7	25	141	-2.5	1.9	1.6	1	X
2					4.5	25	180	-3.2	-0.0	1.5	3	X	458	7.1	105	L	4.4	-3	137	-3.0	2.2	-0.2	2	X
3					4.5	24	78	0.7	3.3	1.4	3	X	440	5.8	80	L	5.4	19	152	-4.3	2.4	1.6	2	X
4	535	0.0	0	H	4.9	30	100	-0.6	3.6	1.7	3	X	442	5.9	73	L	5.7	3	131	-3.5	4.1	-0.1	2	X
5													434	6.7	55	L								
6	542	0.0	0	H									456	4.9	74	L								
7	537	0.0	0	H	4.9	-8	41	3.6	2.9	-1.3	1	X	468	3.2	140	L								
8	517	4.6	73	L	4.3	10	192	-3.6	-0.5	0.9	2	X	482	3.7	173	L								
9	510	4.3	70	L	4.7	2	199	-4.4	-1.4	0.7	1	X	468	3.7	175	L								
10	507	4.1	66	L	4.6	14	183	-4.6	0.2	1.2	1	X	458	0.0	0	H								
11													489	0.0	0	H								
12													480	3.6	167	L								
13	496	0.0	0	H									483	3.7	159	L								
14	489	3.9	56	L									489	4.6	189	L								
15	482	3.3	49	L									477	3.5	139	L								
16	471	4.2	86	L									487	3.5	162	L								
17	479	4.5	91	L									492	4.0	174	L								
18	478	4.4	89	L	4.8	2	112	-1.7	4.2	-0.2	1	X	490	3.9	194	L								
19	479	4.7	95	L	3.9	-6	103	-0.8	3.6	-0.6	1	X	480	3.8	171	L								
20	484	5.7	105	L	4.1	4	93	-0.2	4.0	0.3	1	X	513	4.3	222	L								
21	472	5.8	110	L	2.9	12	168	-1.5	0.3	0.3	3	X	528	0.0	0	H								
22	458	5.7	98	L	3.9	21	175	-3.5	0.2	1.3	1	X	548	4.8	341	L								
23	457	5.6	102	L	4.0	23	164	-3.3	0.8	1.6	1	X	582	4.9	304	L								
24	455	6.0	105	L	3.6	6	176	-3.1	0.2	0.3	2	X	560	4.4	186	J								
					JUL. 14, 1975							195					JUL. 15, 1975							196
1	561	4.4	180	J									621	5.3	271	J	5.7	29	97	-0.4	3.6	2.1	4	J
2	578	4.0	165	J									589	5.3	264	J	5.1	25	163	-2.4	0.7	1.2	4	J
3	564	4.0	126	J	7.0	-2	143	-4.4	3.3	-0.3	4	J	597	5.4	298	J	5.4	56	183	-2.1	0.1	3.1	4	J
4	551	3.9	138	J	7.0	21	154	-4.9	2.6	1.9	3	J	595	5.4	282	J	5.3	39	178	-2.9	0.3	2.3	4	J
5	552	3.9	107	J	7.3	-2	152	-5.5	2.8	-0.6	4	J	591	5.7	235	J	5.4	28	193	-3.9	-0.6	2.2	3	J
6	539	3.9	91	J	7.5	-1	171	-6.8	1.1	-0.3	3	J	603	5.5	203	J	5.6	6	135	-2.4	2.4	-0.1	5	J
7	550	4.1	95	J	6.8	-6	146	-5.4	3.3	-1.6	2	J	589	5.2	177	J	5.3	-24	172	-4.1	0.1	-1.9	3	J
8	565	4.6	149	J	6.3	25	175	-3.5	0.8	1.4	5	J	600	4.9	166	J	5.3	-24	143	-3.2	1.8	-2.4	3	J
9	556	4.9	138	J	6.2	36	201	-4.4	-0.5	3.8	2	J	581	5.2	166	J	5.3	10	180	-4.3	0.3	0.8	3	J
10	549	5.0	135	J	6.1	-2	203	-5.2	-2.1	0.6	2	J	588	4.8	166	J	5.1	-9	150	-3.2	1.5	-1.2	4	J
11	543	5.0	121	J	6.0	-5	193	-5.3	-1.3	-0.0	2	J	584	4.4	154	J	5.3	-33	160	-3.5	0.3	-2.7	3	J
12	538	5.4	110	J	6.4	2	183	-6.1	-0.2	0.3	2	J	591	3.9	129	J	4.9	-57	146	-1.7	-0.1	-3.3	3	J
13	533	5.5	120	J	6.5	-7	179	-6.2	-0.2	-0.8	2	J	590	3.8	110	J	4.9	-31	144	-2.1	0.9	-2.1	4	J
14	537	5.5	114	J	6.2	1	173	-5.7	0.7	-0.1	3	J	559	3.6	81	J	4.8	1	170	-4.1	0.7	-0.1	2	J
15	543	4.4	123	J	6.9	4	130	-3.8	4.4	-0.9	3	J	566	3.9	97	J	5.2	-8	137	-3.1	2.6	-1.4	3	J
16	541	3.9	121	J	7.1	14	137	-4.2	4.1	0.4	4	J	551	3.8	84	J	5.6	4	164	-4.6	1.3	-0.0	3	J
17	574	5.6	211	J	6.1	47	144	-2.2	2.1	2.6	5	J	557	3.7	90	J	5.6	-19	153	-4.0	1.8	-2.0	3	J
18	570	5.2	204	J	6.0	60	180	-2.3	0.5	4.0	4	J	545	4.1	74	J	5.8	-18	163	-4.9	1.3	-1.9	2	J
19	566	5.1	190	J	6.0	26	186	-3.5	-0.3	1.7	4	J	548	3.9	95	J	5.5	13	163	-4.6	1.5	1.0	2	J
20	582	4.9	214	J	6.2	22	125	-2.7	3.8	1.9	3	J	539	4.1	221	J	5.5	3	159	-4.8	1.9	0.3	2	J
21	586	5.3	198	J	6.7	-13	124	-2.6	3.8	-1.0	5	J	546	4.1	175	J	6.0	9	147	-4.6	3.0	1.0	2	J
22	581	5.3	200	J	6.8	-39	164	-4.0	1.2	-3.2	4	J	580	3.8	177	J	5.9	4	133	-3.5	3.7	0.5	3	J
23	576	4.9	158	J	6.9	-9	132	-3.7	4.1	-0.7	4	J	593	4.0	193	J	5.8	10	123	-2.8	4.3	1.1	3	J
24	610	5.1	256	J	5.8	-37	100	-0.6	3.4	-2.4	4	J	588	4.1	210	J	5.6	-6	140	-3.7	3.1	-0.4	3	J
					JUL. 16, 1975							197					JUL. 17, 1975							198
1	618	4.3	233	J	5.2	40	136	-2.0	1.9	2.3	4	J	517	3.8	135	L	6.0	-4	165	-5.3	1.4	-0.4	2	J
2	615	4.6	274	J	4.4	-32	168	-2.4	0.5	-1.5	3	J	528	3.9	89	J	5.6	-1	132	-2.9	3.2	-0.2	4	J
3	614	4.5	215	J	4.6	12	147	-2.5	1.7	0.5	3	J	551	4.4	125	J	5.9	7	128	-3.2	4.1	0.3	3	J
4	607	4.6	178	J	4.7	7	178	-3.6	0.1	0.4	3	J					6.3	6	124	-3.2	4.8	0.1	2	J
5	603	4.7	161	J	5.4	22	182	-3.8	0.1	1.5	3	J	550	3.2	132	J	6.3	0	121	-2.9	4.7	-0.8	3	J
6	611	4.7	159	J	5.5	-3	135	-3.2	3.1	-0.9	3	J					6.0	7	156	-4.8	2.2	0.1	3	J
7	594	4.9	158	J	5.4	-3	159	-4.6	1.7	-0.8	2	J					6.1	-10	148	-4.8	2.6	-1.8	2	J
8	595	4.5	177	J	5.2	2	139	-3.7	3.1	-0.8	2	J					6.7	3	119	-2.9	5.2	-1.2	3	X
9	604	4.5	165	J	5.6	3	129	-3.4	4.1	-1.1	1	J	520	3.2	146	J	6.6	-1	144	-4.9	3.3	-1.3	3	J
10	591	4.3	177	J	5.7	9	140	-3.9	3.4	-0.4	2	J	499	3.3	61	J	6.9	4	142	-5.1	3.9	-1.0	2	J
11	599	3.9	192	J	5.9	-24	134	-3.4	2.5	-3.4	2	J	543	4.3	123	J	6.6	-1	144	-4.0	2.6	-1.2	4	J
12	585	4.0	187	J	5.5	-18	159	-4.3	0.9	-2.0	3	J	539	4.7	148	J	6.7	-29	161	-4.6	0.4	-3.1	4	J
13	575	4.4	170	J	5.6	-9	195	-4.9	-1.5	-0.3	2	J	553	4.4	179	J	6.9	11	131	-3.4	4.0	-0.5	4	J
14	583	3.9	125	J	5.5	-11	151	-3.7	1.6	-1.4	4	J	554	4.5	194	J	7.0	38	165	-3.7	2.0	2.5	5	J
15	566	4.0	93	J	5.4	13	178	-4.8	0.5	1.0	2	J	538	4.4	156	J	6.9	26	158	-4.3	2.4	1.6	5	J
16	596	4.5	167	J	5.3	26	134	-2.2	2.6	0.9	4	J												
17	589	4.8	171	J	5.4	36	99	-0.6	4.5	2.1	2	J												
18	549	4.5	103	J	5.3	0	100	-0.6	3.4	-0.4	4	J					6.7	12	151	-5.0	2.9	0.9	3	X
19	558	4.5	124	J	5.6	-14	142	-3.7	2.8	-1.4	3	J					6.5	18	150	-4.9	2.9	1.7	3	X
20	565	4.5	136	J	5.9	34	137	-3.0	2.9	2.7	3	J	663	5.1	219	J	5.7	-46	73	1.1	3.5	-4.0	2	J
21	572	4.2	141	J	6.1	3	110	-1.9	5.2	0.4	2	J	646	5.9	269	J	4.9	-22	152	-1.9	1.0	-0.9	4	J
22	541	4.1	134	J	5.8	-6	159	-4.1	1.6	-0.4	4	J	645	6.1	290	J	5.2	-6	198	-3.8	-1.2	-0.4	3	J
23	548	4.0	132	J	6.3	38	151	-3.1	1.6	2.9	4	J	641	5.4	225	J	5.4	1	134	-3.5	3.6	0.2	2	J
24	559	3.8	129	J	5.8	4	140	-3.1	2.6	0.4	4	J	658	5.2	223	J	5.5	-4	114	-1.6	3.6	-0.2	4	J
					JUL. 18, 1975							199					JUL. 19, 1975							200
1	644	5.1	223	J	5.0	25	142	-3.1	2.4	1.8	3	J	595	4.5	134	J	4.4	-7	85	0.3	3.4	-0.4	3	J
2	641	5.1	277	J	4.7	20	151	-3.5	1.9	1.3	2	J	586	4.7	133	J	4.7	1	82	0.6	4.2	-0.0	2	J
3					5.0	53	145	-1.8	1.5	2.8	3	X	563	4.9	99	J	4.6	-1	130	-2.6	3.1	-0.3	2	J
4													568	5.0	114	J	4.8	-27	155	-3.4	1.4	-2.1	2	J
5	587	3.6	154	L	4.6	-9	138	-3.2	2.7	-1.2	1	J	572	4.6	122	J	4.7	15	104	-1.0	3.9	0.4	2	J
6	606	3.6	124	J	5.0	-1	118	-2.1	3.8	-1.0	2	J	552	4.1	104	J	4.3	-3	134	-2.6	2.6	-0.8	2	J
7	606	4.0	156	J	5.0	51	155	-2.1	1.7	2.4	4	J	550	4.2	106	J	4.0	19	154	-3.0	1.7	0.6	2	J
8	613	4.1	163	J	5.1	42	107	-0.8	3.3	1.5	3	J	541	4.7	125	J	3.9	17	175	-3.4	0.6	0.9	2	J
9	598	4.4	155	J	4.8	-11	126	-2.3	2.7	-1.9	3	J	537	5.6	121	J	4.4	25	190	-3.7	-0.0	1.9	1	J
10	606	4.5	150	J	5.2	-20	115	-1.8	3.0	-2.9	2	J	546	4.8	109	J	4.7	35	97	-0.4	3.7	0.9	3	J
11	588	5.0	163	J	5.3	-5	150	-3.6	1.8	-1.2	3	J	576	4.9	89	J	4.6	27	65	1.6	3.9	0.4	2	J
12	593	5.0	172	J	5.5	-16	142	-3.7	2.1	-2.4	3	J	522	5.5	129	J	4.7	5	138	-3.2	2.8	-0.8	2	J
13	616	4.9	190	J	5.0	-14	141	-2.9	1.9	-1.7	3	J	538	4.9	138	J	4.0	4	128	-2.1	2.7	-0.9	2	J
14	629	5.0	165	J	5.5	-13	123	-2.7	3.6	-2.5	2	J	555	5.2	104	J	4.4	23	75	0.9	3.6	0.1	3	J
15	630	5.3	206	J	4.8	-23	191	-3.0	-1.0	-1.1	4	J	530	5.8	130	J	4.5	19	122	-1.8	3.1	0.2	3	J
16	630	5.6	208	J	4.9	-18	242	-1.9	-3.8	-0.3	2	J	528	5.5	97	J	4.2	-26	121	-1.3	1.8	-1.7	3	J
17	628	5.8	209	J	5.2	-25	243	-1.9	-3.9	-1.1	3	J	548	5.9	103	J	4.6	-30	77	0.7	2.7	-2.5	3	J
18	647	5.7	252	J	4.0	-19	248	-0.7	-1.8	-0.4	4	J	526	6.6	165	J	4.7	-24	115	-1.7	3.3	-2.2	2	J
19	642	5.3	204	J	4.2	22	123	-1.0	1.7	0.6	4	J					4.9	-37	70	1.2	3.0	-3.0	2	X
20	653	5.1	203	J	4.6	26	62	1.3	2.6	1.3	3	J					4.7	-36	114	-1.1	2.4	-2.1	3	X
21	629	4.9	181	J	3.7	4	186	-2.1	-0.2	0.1	3	J	518	5.8	110	J	4.6	-19	120	-1.8	3.1	-1.2	3	J
22	634	4.2	156	J	3.9	38	76	0.5	2.0	1.6	3	J	500	5.7	92	J	4.7	15	187	-3.4	-0.4	0.9	3	J
23	619	3.9	113	J	4.3	1	76	0.8	3.4	0.2	3	J	525	6.0	121	J	4.5	-52	101	-0.3	1.7	-2.2	4	J
24	621	4.4	125	J	4.5	4	50	2.8	3.3	0.4	1	J	524	6.0	112	J	4.4	-16	232	-1.1	-1.4	-0.5	4	J

07/20/75 - 07/27/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 20, 1975							201
1	500	5.9	80	J	4.5	-16	191	-3.7	-0.7	-1.1	2	J
2	501	6.2	82	J	4.8	12	210	-3.8	-2.2	1.0	2	J
3	493	6.1	89	J	5.0	29	185	-3.8	-0.1	2.1	2	J
4	492	5.5	90	J	4.7	31	174	-3.6	0.7	2.1	2	J
5	496	4.5	86	J	4.7	5	137	-2.7	2.5	-0.2	3	J
6	497	4.3	98	J	5.2	15	130	-3.0	3.8	0.3	2	J
7	485	4.1	120	L	5.0	4	137	-3.1	2.9	-0.5	3	J
8	539	3.4	73	J	5.3	-12	111	-1.8	4.0	-2.4	2	J
9	497	3.2	66	J	5.7	9	127	-3.2	4.3	-0.8	2	J
10	503	3.2	66	J	5.6	6	114	-2.1	4.5	-1.3	2	J
11	502	3.2	106	L	5.4	13	122	-2.7	4.5	-0.7	1	J
12	484	3.3	76	J	5.6	16	146	-4.4	3.3	0.2	1	J
13	480	3.6	77	J	5.6	25	165	-4.7	2.1	1.6	2	J
14	479	3.7	86	J	5.3	6	181	-4.9	0.1	0.5	2	J
15	493	3.8	119	L	5.5	3	148	-3.2	2.0	-0.5	4	J
16	477	4.7	117	J	5.7	27	170	-4.9	1.5	2.2	1	J
17	476	4.1	110	J	5.4	13	146	-3.6	2.8	0.5	3	J
18	467	4.1	107	J	5.4	28	152	-4.0	2.4	2.0	2	J
19	461	4.2	150	J	5.3	-1	155	-4.2	1.9	-0.3	3	J
20	469	3.9	127	L	4.8	0	131	-3.0	3.4	-0.2	2	J
21	469	3.8	76	J	4.7	1	148	-3.6	2.3	0.1	2	J
22	455	3.2	48	J	5.4	-1	179	-5.0	0.1	-0.1	2	J
23	453	3.5	43	J	6.0	14	156	-4.3	1.9	1.2	5	J
24	478	4.4	85	J	5.4	18	124	-2.7	4.0	1.6	1	J
					JUL. 21, 1975							202
1	459	4.2	43	J	5.6	14	149	-4.5	2.7	1.3	1	J
2	449	4.2	40	J	5.5	13	167	-5.2	1.3	1.1	1	J
3	453	3.7	52	J	5.2	15	167	-4.9	1.2	1.2	1	J
4	456	3.9	45	J	5.2	7	164	-4.9	1.5	0.4	1	J
5	470	4.5	74	J	5.4	10	149	-4.2	2.6	0.4	2	J
6	477	5.8	96	J	6.4	14	113	-2.3	5.7	0.1	1	J
7	465	5.9	73	J	7.1	35	148	-4.9	4.0	3.0	1	J
8	475	6.9	75	J	6.9	20	122	-3.0	5.3	0.4	3	J
9	480	9.5	125	J	4.2	19	146	-2.6	2.0	0.4	3	J
10	482	10.3	124	J	3.2	-56	116	-0.4	0.3	-1.6	3	J
11	487	9.9	122	J	4.8	18	42	1.2	1.2	0.0	5	J
12					6.1	20	99	-0.6	4.3	-0.2	4	J
13					5.7	-9	36	4.1	2.4	-1.9	3	J
14					5.5	-15	358	3.4	-0.4	-0.8	4	J
15	475	13.2	120	J	4.6	-11	25	2.8	1.0	-1.0	3	J
16	470	8.5	139	J	5.0	37	168	-3.2	1.4	2.2	3	J
17	462	7.6	138	J	5.2	22	156	-4.4	2.4	1.4	1	J
18	448	9.0	95	J	4.9	1	141	-3.0	2.4	-0.3	3	J
19	439	10.4	94	J	5.2	-3	132	-2.7	3.0	-0.5	3	J
20	444	9.4	75	J	4.6	-43	53	1.8	2.3	-3.0	2	J
21	428	8.8	70	J	4.6	-40	83	0.4	3.2	-2.9	1	J
22	432	7.1	81	J	3.9	-36	52	1.8	2.4	-2.2	1	J
23	436	6.7	56	J	4.4	-18	50	2.6	3.1	-1.3	1	J
24	414	8.0	52	J	3.4	-43	111	-0.4	1.0	-1.0	3	J
					JUL. 22, 1975							203
1	407	8.0	51	J	3.7	18	199	-2.9	-1.0	1.0	2	J
2	403	6.4	38	J	3.8	11	217	-2.7	-2.0	0.7	2	J
3	402	6.8	39	J	3.7	14	208	-2.6	-1.3	0.8	2	J
4	405	7.2	38	J	3.4	-1	212	-2.3	-1.4	0.2	2	J
5	406	7.6	39	J	2.5	-37	222	-1.2	-1.3	-1.0	1	J
6	412	8.1	46	J	3.5	-73	346	0.7	-0.8	-2.4	2	J
7	430	10.2	60	J	4.6	-14	75	1.1	3.6	-2.3	1	J
8	408	9.2	46	J	4.1	18	167	-3.4	1.1	0.8	2	J
9	419	10.2	66	J	3.4	-2	135	-2.1	1.9	-0.9	2	J
10	413	9.2	52	J	3.7	-37	178	-2.2	-0.5	-1.5	2	J
11	413	9.6	56	J	3.5	2	24	1.6	0.7	-0.2	3	J
12	411	10.5	60	J	3.0	5	19	1.2	0.4	-0.1	3	J
13	420	10.5	45	J	5.3	-4	13	4.9	0.9	-0.7	1	J
14	415	10.1	40	J	4.6	-10	11	4.2	0.5	-0.9	1	J
15	422	10.7	56	J	4.8	-16	22	3.8	1.0	-1.6	2	J
16	424	9.8	64	J								
17												
18												
19												
20												
21												
22												
23												
24												
					JUL. 23, 1975							204
1												
2												
3												
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6												
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10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20					4.4	5	155	-3.4	1.6	0.2	2	X
21					4.1	-12	144	-2.7	2.0	-0.8	2	X
22					3.3	-16	162	-1.7	0.6	-0.5	3	X
23					3.5	-42	249	-0.9	-2.3	-2.2	1	X
24					4.7	-53	212	-2.3	-1.4	-3.5	2	X
					JUL. 24, 1975							205
1					6.2	-31	188	-5.0	-0.8	-3.0	2	X
2					6.4	9	163	-5.6	1.8	0.8	3	X
3					5.3	21	177	-4.9	0.4	1.9	1	X
4					5.5	6	191	-5.3	-0.9	0.7	1	X
5					5.3	5	193	-5.0	-1.1	0.7	1	X
6												
7	322	0.0	0	H								
8												
9												
10												
11	348	0.0	0	H	4.3	-24	117	-1.8	2.4	-3.1	1	X
12	359	10.5	13	L	3.9	-27	124	-1.9	1.8	-2.7	1	X
13	357	11.3	14	L	3.7	-18	104	-0.8	2.6	-2.3	1	X
14	346	12.2	17	L	3.9	0	73	1.0	3.1	-1.3	2	X
15	355	10.6	16	L	3.7	-4	42	2.6	2.2	-1.1	1	X
16	342	11.3	20	L	4.6	3	38	3.6	2.7	-0.6	1	X
17	338	0.0	0	H	4.7	-4	25	4.2	1.9	-0.8	1	X
18	338	0.0	0	H								
19	330	14.3	17	L								
20	346	12.9	15	L	6.0	31	143	-4.1	3.3	2.9	1	X
21	346	10.7	27	L	6.8	34	158	-5.2	2.3	3.7	1	X
22	350	8.1	36	L	6.3	35	154	-4.2	2.2	3.3	3	X
23	385	9.9	59	L	6.1	3	84	0.6	5.6	0.2	2	X
24	392	11.3	65	L	7.4	42	133	-3.6	4.0	4.7	2	X
					JUL. 25, 1975							206
1	379	12.1	42	L	9.1	24	128	-5.1	6.6	3.5	1	X
2	393	18.6	48	L	10.2	19	127	-5.5	7.4	2.7	4	X
3	385	23.9	45	L								
4	383	24.4	51	L								
5	392	42.9	40	L								
6	398	21.7	39	L								
7	400	20.9	40	L								
8	411	28.1	103	L								
9	411	39.0	157	L								
10	442	41.4	184	L								
11	456	27.1	240	L								
12	482	21.2	337	L								
13	507	16.7	407	L								
14	526	16.9	369	L								
15												
16	568	12.7	422	L								
17	587	14.6	468	L								
18	584	10.4	394	L								
19	588	8.2	384	L								
20	575	8.1	328	L								
21	603	3.8	183	L								
22	610	3.6	167	L								
23	623	4.1	170	L								
24	630	4.5	155	L	5.8	34	340	3.8	-1.3	2.7	3	X
					JUL. 26, 1975							207
1	628	5.0	178	L	5.5	-39	308	2.2	-3.0	-2.9	3	X
2	625	0.0	0	H	5.4	10	311	2.6	-2.9	0.9	4	X
3	620	4.6	149	L	5.9	16	319	3.3	-2.7	1.6	4	X
4	614	4.5	145	L	5.9	-30	331	4.1	-2.7	-2.3	2	X
5	617	4.7	162	J								
6	611	4.7	124	J								
7	613	5.2	152	J								
8	607	4.7	153	J								
9	617	4.9	154	J								
10	638	5.0	156	J	5.4	6	279	0.5	-2.9	1.8	4	J
11	624	5.4	130	J	5.1	38	344	3.2	0.3	2.7	3	J
12	621	5.2	139	J	5.5	15	316	2.6	-1.9	2.0	4	J
13	638	5.9	192	J	5.7	-5	280	0.7	-3.8	1.3	4	J
14	639	5.8	205	J	5.2	-38	14	1.2	-0.1	-1.0	5	J
15	624	5.9	171	J	5.3	-33	41	2.7	1.3	-3.0	3	J
16	608	5.4	144	J	5.6	43	352	3.6	0.6	3.4	2	J
17	600	5.0	149	J	6.0	19	316	3.5	-2.9	2.5	3	J
18	613	4.3	162	J	6.0	45	311	2.0	-1.8	3.5	4	J
19	601	4.0	160	J	6.2	15	313	2.6	-2.6	1.4	5	J
20	600	3.9	153	J	6.4	-13	290	1.9	-5.3	-0.8	3	J
21	587	4.1	188	J	6.1	3	312	3.7	-4.1	0.5	2	J
22	635	4.6	197	J	5.8	39	311	2.0	-2.2	2.6	4	J
23	615	4.9	187	J	5.7	33	312	2.4	-2.5	2.4	4	J
24	616	4.7	183	J	5.6	11	298	2.2	-4.2	1.0	3	J
					JUL. 27, 1975							208
1	607	4.9	172	J	5.4	2	314	3.2	-3.3	0.4	3	J
2	627	4.9	189	J	5.1	36	329	2.5	-1.3	2.2	4	J
3	647	4.9	193	J	4.3	-36	303	1.2	-2.0	-1.4	3	J
4	630	4.7	170	J	4.1	-5	336	2.8	-1.3	-0.1	3	J
5	628	4.8	152	J	4.7	19	338	3.0	-0.9	1.3	3	J
6	639	4.5	150	J	4.5	5	320	2.1	-1.7	0.7	3	J
7	623	4.7	118	J	4.7	22	355	3.6	0.2	1.5	3	J
8	648	4.7	204	J	4.0	-25	350	2.2	-0.8	-0.9	3	J
9	634	4.6	152	J	5.0	20	321	3.2	-1.8	2.4	2	J
10	659	4.3	182	J	4.9	-6	264	-0.4	-3.9	1.4	3	J
11	632	4.4	154	J	4.0	21	314	1.7	-1.2	1.7	3	J
12	632	4.5	155	J	4.6	57	5	1.8	1.4	2.4	3	J
13	612	4.4	122	J	4.1	23	1	3.1	0.6	1.1	2	J
14	620	4.5	133	J	4.7	35	43	2.5	3.1	1.3	2	J
15	605	4.8	167	J	4.3	28	347	2.6	-0.1	1.5	3	J
16	617	5.1	159	J	4.3	29	299	1.1	-1.4	1.7	4	J
17	613	5.3	195	J	4.4	-7	289	1.0	-3.0	0.4	3	J
18	610	5.6	180	J	4.5	21	274	0.3	-3.3	2.1	2	J
19	601	5.5	192	J	4.8	-16	296	1.7	-3.6	-0.6	3	J
20	576	6.0	156	J	5.6	-23	318	3.3	-3.2	-1.6	3	J
21	608	6.1	127	J	5.6	-26	262	-0.6	-4.4	-1.8	3	J
22	596	6.6	180	J	5.2	-9	298	1.2	-2.3	-0.3	5	J
23	602	6.1	202	J	5.3	34	36	3.1	2.3	2.5	3	J
24	603	6.0	217	J	4.2	9	350	2.1	-0.4	0.3	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	606	5.6	207	J	J	4.7	-31	269	-0.1	-3.0	-1.6	3	J
2	611	5.4	166	J	J	5.2	-23	265	-0.3	-3.0	-1.0	4	J
3	614	5.5	155	J	J	5.1	21	332	2.1	-1.0	1.0	4	J
4	595	5.7	173	J	J	5.1	4	310	2.8	-3.2	0.9	3	J
5	598	5.4	152	J	J	5.0	2	282	0.8	-3.7	1.0	3	J
6	583	5.5	157	J	J	4.3	16	321	2.9	-2.0	1.7	2	J
7	586	5.0	173	J	J	3.8	-11	340	3.1	-1.2	-0.2	2	J
8	566	4.2	96	J	J	3.9	-6	305	2.0	-2.8	0.7	2	J
9	560	4.7	93	J	J	4.4	-10	315	2.7	-2.8	0.4	2	J
10	557	5.1	90	J	J	4.7	-1	296	1.5	-2.8	1.2	3	J
11	574	4.2	130	J	J	4.8	-8	313	2.8	-3.0	0.8	3	J
12	588	3.9	144	J	J	4.9	-24	314	2.7	-3.3	-0.3	2	J
13	577	4.0	192	J	J	4.8	-7	330	3.9	-2.2	0.5	2	J
14	566	3.9	110	J	J	5.1	7	331	4.3	-2.0	1.5	1	J
15	560	4.3	106	J	J	4.6	-6	313	2.7	-2.8	0.7	2	J
16	564	4.4	108	J	J	4.4	-14	237	-2.1	-3.3	0.2	2	J
17	562	4.1	97	J	J	4.3	-20	281	0.5	-2.6	-0.2	3	J
18	568	3.7	131	L	J	4.0	-6	276	0.4	-3.5	0.3	2	J
19	564	3.3	91	J	J	3.9	-12	276	0.4	-3.6	-0.2	1	J
20	561	3.2	105	J	J	3.8	-26	284	0.7	-3.0	-1.1	2	J
21	582	3.2	155	J	J	4.1	11	347	3.7	-0.9	0.8	1	J
22	588	3.4	128	J	J	4.4	8	348	4.3	-0.9	0.6	1	J
23	579	3.1	135	J	J	3.9	6	348	3.7	-0.8	0.4	1	J
24	571	2.9	93	L	J	4.0	9	347	3.8	-0.9	0.6	1	J

JUL. 29, 1975 210

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	564	2.7	114	L	J	4.1	9	335	3.6	-1.7	0.7	1	J
2	556	2.9	64	J	J	3.9	1	336	3.5	-1.5	0.2	1	J
3	556	2.7	67	J	J	4.0	-4	341	3.6	-1.2	-0.1	1	J
4	545	2.5	77	J	J	4.0	-5	343	3.6	-1.1	-0.1	1	J
5	532	3.0	147	J	J	4.1	-3	342	3.7	-1.2	0.1	1	J
6	520	2.5	129	J	J	3.9	-3	346	3.6	-0.9	0.1	1	J
7	515	2.6	108	J	J	3.9	3	341	3.6	-1.1	0.6	1	J
8	509	2.8	81	J	J	3.9	-2	339	3.5	-1.3	0.4	1	J
9	510	2.5	59	J	J	3.6	-5	336	3.2	-1.4	0.3	1	J
10	506	3.2	53	J	J	3.5	-9	329	2.9	-1.7	0.3	1	J
11	505	2.8	91	!	J	3.3	-3	344	3.1	-0.9	0.2	1	J
12	515	3.6	72	J	J	3.4	-42	293	0.8	-2.5	-0.9	2	J
13	507	3.8	63	J	J	3.8	-25	243	-1.5	-3.3	-0.1	1	J
14	516	3.9	91	J	J	3.7	-4	299	1.6	-2.7	1.0	2	J
15	513	3.6	92	J	J	3.8	2	294	1.4	-2.8	1.2	2	J
16	501	3.3	65	J	J	4.0	15	318	2.9	-2.1	1.8	1	J
17	494	3.2	62	J	J	4.2	8	317	3.0	-2.5	1.3	1	J
18	487	3.2	71	J	J	4.2	10	322	3.3	-2.3	1.2	1	J
19	484	3.2	88	J	J	4.1	2	324	3.2	-2.4	0.5	1	J
20	472	3.2	79	J	J	4.0	4	320	3.0	-2.5	0.6	1	J
21	463	3.1	62	J	J	3.4	6	325	2.4	-1.7	0.4	2	J
22	482	3.6	41	J	J	3.8	-24	185	-2.6	-0.3	-1.2	3	J
23	489	4.1	51	J	J	3.8	-17	199	-3.4	-1.2	-1.0	1	J
24	472	4.2	73	J	J	2.9	-39	241	-0.5	-1.0	-0.8	3	J

JUL. 30, 1975 211

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	471	5.2	74	J	J	2.3	-47	257	-0.3	-1.3	-1.2	2	J
2	467	5.4	57	J	J	3.0	-30	272	0.1	-2.3	-1.0	2	J
3	469	5.8	54	J	J	3.6	-42	263	-0.3	-2.5	-1.7	2	J
4	484	5.6	76	J	J	3.5	-39	278	0.3	-2.6	-1.4	2	J
5	450	5.7	51	J	J	3.5	-6	311	2.2	-2.5	0.3	1	J
6	460	6.5	43	J	J	2.6	-40	315	1.2	-1.6	-1.1	1	J
7	456	6.4	41	J	J	3.0	-34	321	1.8	-2.0	-1.0	1	J
8	456	6.4	49	J	J	3.1	-24	317	1.9	-2.1	-0.4	1	J
9	449	6.3	48	J	J	3.4	-17	305	1.8	-2.6	0.2	1	J
10	436	5.9	53	J	J	3.9	-35	306	1.8	-3.2	-0.8	1	J
11	428	5.8	54	J	J	4.0	-28	315	2.2	-2.8	-0.5	2	J
12	413	5.6	27	J	J	4.4	-23	316	2.7	-3.0	-0.3	2	J
13	375	5.4	52	J	J	4.0	-6	357	3.8	-0.4	-0.3	1	J
14	372	5.7	24	J	J	4.4	-19	352	3.9	-1.1	-1.0	1	J
15	373	6.2	23	J	J	4.6	-23	346	4.1	-1.6	-1.3	1	J
16	369	4.8	24	J	J	3.8	-1	355	3.6	-0.3	0.0	1	J
17	365	4.8	27	J	J	3.9	-6	354	3.8	-0.5	-0.3	1	J
18	367	5.3	33	J	J	3.8	-4	350	3.4	-0.6	-0.1	1	J
19	364	5.6	31	J	J	3.9	0	356	3.7	-0.3	0.0	1	J
20	357	3.9	42	J	J	3.5	-2	360	3.1	-0.0	-0.1	1	J
21	354	5.0	52	J	J	3.8	-12	348	3.3	-0.8	-0.6	2	J
22	351	5.8	34	J	J	3.7	-17	348	3.3	-0.8	-1.0	1	J
23	352	6.9	27	J	J	3.3	-21	355	2.8	-0.3	-1.1	1	J
24	355	8.2	31	J	J	3.6	-20	8	3.2	0.3	-1.2	1	J

JUL. 31, 1975 212

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	358	10.1	26	J	J	3.6	-23	357	3.1	-0.3	-1.3	1	J
2	360	9.3	26	J	J	3.9	-17	312	1.8	-2.1	-0.6	3	J
3	367	8.7	19	J	J	3.9	-11	259	-0.7	-3.7	-0.2	1	J
4	366	6.4	19	J	J	4.6	-2	270	0.0	-4.4	0.7	2	J
5	361	6.3	18	J	J	5.1	9	269	-0.1	-4.6	2.0	1	J
6	353	7.9	24	J	J	4.4	51	280	0.4	-1.5	3.7	2	J
7	351	6.6	23	J	J	4.7	37	242	-1.7	-2.1	3.6	1	J
8	349	6.2	20	J	J	4.6	28	248	-1.5	-2.7	3.5	1	J
9	353	8.3	24	J	J	4.6	27	279	0.6	-2.4	3.1	2	J
10	340	8.2	27	J	J	5.3	50	356	3.1	1.4	3.4	2	J
11	344	8.1	30	J	J	5.3	24	295	2.0	-2.8	3.8	1	J
12	349	6.9	23	J	J	5.5	7	277	0.6	-4.4	3.0	1	J
13	345	6.4	21	J	J	5.7	-6	271	0.1	-5.4	2.0	1	J
14	339	7.9	19	J	J	5.2	-21	265	-0.4	-4.9	0.3	2	J
15													
16													
17	332	8.8	25	J	J	4.5	-7	261	-0.7	-4.1	0.6	2	J
18	336	7.9	25	J	J	4.6	12	280	0.7	-3.8	1.8	2	J
19	348	7.3	44	J	J	4.6	44	306	1.8	-2.0	3.4	2	J
20	342	8.3	43	J	J	4.2	39	297	1.3	-2.3	2.7	2	J
21						3.9	-25	276	0.2	-2.4	-0.9	3	J
22	350	9.5	39	J	J	3.1	-47	201	-1.7	-0.8	-2.0	2	J
23	369	19.2	47	J	J	4.5	-70	206	41.1	-0.8	-3.5	3	J
24	365	22.6	46	J	J	7.2	25	302	3.2	-4.9	3.1	3	J

AUG. 1, 1975 213

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	369	22.0	49	J	J	7.3	42	288	1.4	-3.9	4.2	5	J
2	379	23.2	61	J	J	5.4	-61	276	0.2	-2.3	-3.2	4	J
3	390	23.0	50	J	J	7.4	-6	261	-1.0	-6.4	0.3	4	J
4	382	19.1	32	J	J	8.9	-57	254	-1.3	-6.0	-6.3	2	J
5	380	12.2	26	J	J	10.6	34	88	0.3	9.3	3.3	4	J
6	378	10.5	60	J	J	10.6	25	89	0.2	10.3	1.4	2	J
7	411	8.6	35	J	J	10.6	28	87	0.5	10.2	1.3	2	J
8	395	17.1	24	J	J	10.5	35	91	-0.1	10.2	2.2	2	J
9	374	18.4	22	J	J	10.7	32	96	-0.9	10.4	1.3	2	J
10	376	8.6	26	J	J	12.5	51	102	-1.6	11.1	5.2	2	J
11	372	12.4	20	J	J	12.3	54	103	-1.6	10.6	5.6	2	J
12	377	12.9	34	J	J	12.9	60	115	-2.7	10.3	7.3	1	J
13	373	14.4	19	J	J	11.	66	135	-3.7	8.6	9.0	1	J
14	369	13.6	16	J	J	12.	71	134	-2.9	7.8	9.6	2	J
15	368	11.5	16	J	J	13.0	69	165	-4.5	5.7	10.6	2	J
16	369	13.3	16	J	J	13.0	72	172	-4.0	4.7	11.5	1	J
17	368	14.3	18	J	J	12.9	72	195	-3.8	2.4	12.0	1	J
18	361	14.3	25	J	J	12.6	63	206	-5.1	0.0	11.4	1	J
19	364	15.2	25	J	J	12.0	65	234	-2.9	-2.1	11.2	2	J
20	368	11.9	27	J	J	12.8	56	237	-3.7	-4.4	10.6	4	J
21	364	8.4	39	J	J	13.2	57	199	-6.7	-1.3	11.2	2	J
22	362	8.1	31	J	J	13.8	59	234	-3.9	-4.7	11.4	5	J
23	360	8.4	29	J	J	13.3	51	255	-2.2	-7.4	10.8	2	J
24	353	9.0	37	J	J	13.1	58	242	-3.2	-5.2	11.2	3	J

AUG. 2, 1975 214

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	341	8.8	25	J	J	12.2	36	252	-3.0	-8.7	7.9	2	J
2	347	8.1	30	J	J	11.4	29	259	-1.8	-8.7	6.4	3	J
3	351	12.3	78	J	J	6.9	17	233	-3.3	-4.1	2.4	4	J
4	360	11.3	63	J	J	7.4	19	244	-2.9	-5.3	3.4	3	J
5	361	12.6	91	J	J	5.5	-10	181	-2.9	-0.1	-0.5	5	J
6	360	14.1	89	J	J	6.2	-21	147	-4.5	2.2	-2.9	2	J
7	361	15.3	87	J	J	6.7	-10	143	-4.5	2.8	-2.1	3	J
8	362	16.0	75	J	J	7.6	-11	131	-4.2	4.0	-3.1	4	J
9	357	17.3	96	J	J	8.3	32	152	-5.2	4.1	2.2	4	J
10	361	18.0	86	J	J	8.8	52	169	-4.5	3.4	4.8	5	J
11	365	18.4	83	J	J	8.7	60	188	-3.1	2.1	5.0	6	J
12	361	18.8	78	J	J	8.9	32	137	-4.2	5.1	1.3	6	J
13	351	17.0	71	J	J	10.5	53	157	-5.7	5.8	6.2	2	J
14	363	20.7	42	J	J	11.0	69	197	-3.6	3.2	9.3	3	J
15	368	15.7	51	J	J	11.1	41	123	-4.1	8.3	3.6	5	J
16	384	7.4	144	J	J	10.2	24	115	-3.8	9.0	1.0	3	J
17	394	9.2	145	J	J	8.6	25	119	-3.5	7.0	1.4	3	J
18	400	9.6	131	J	J	8.3	18	106	-1.9	6.9	0.6	4	J
19	411	9.2	102	J	J	8.0	27	93	-0.4	7.4	2.3	2	J
20	398	9.3	129	J	J	6.8	4	119	-3.1	5.6	-0.3	2	J
21	396	8.4	68	J	J	9.0	18	112	-3.1	8.0	2.0	2	J
22	398	8.3	78	J	J	8.1	17	113	-2.8	6.7	1.7	3	J
23	405	7.9	56	J	J	8.3	11	106	-2.2	7.7	1.0	2	J
24	417	8.8	59	J	J	7.8	11	91	-0.1	7.2	0.9	3	J

AUG. 3, 1975 215

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	405	8.6	70	J	J	7.5	15	109	-2.0	6.0	1.2	4	J
2	397	9.3	67	J	J	7.1	17	120	-3.1	5.6	1.2	3	J
3	391	9.8	88	J	J	6.4	15	142	-4.6	3.8	1.0	2	J
4	387	9.7	98	J	J	6.8	11	142	-5.3	4.3	0.4	1	J
5	396	9.0	70	J	J	6.9	25	123	-3.3	5.7	1.4	2	J
6	380	8.9	80	J	J	6.4	24	144	-4.5	3.9	1.4	2	J
7						6.1	16	133	-3.8	4.3	0.1	2	X
8						5.7	6	133	-3.7	3.9	-1.1	2	X
9						5.6	26	138	-3.4	3.7	0.7	2	X
10	387	8.8	84	J	J	5.4	38	155	-3.7	3.0	2.1	2	J
11	385	8.8	79	J	J	4.3	18	124	-2.1	3.4	-0.4	2	J
12	394	8.2	57	J	J	5.2	17	100	-0.7	4.3	-0.8	3	J
13	407	8.0	53	J	J	4.9	-2	71	1.2	3.2	-1.7	3	J
14						6.2	37	107	-0.9	3.8	0.8	6	J
15						14.8	59	108	-2.3	11.5	8.7	3	J
16													
17													
18						4.1	-4	146	-3.2	2.0	-0.7	2	X
19						3.8	3	137	-2.0	1.8	-0.1	3	X
20						3.6	-2	172	-3.3	0.5	-0.2	1	X
21													
22						3.9	26	185	-3.4	-0.2	1.7	1	X
23						3.7	26	142	-2.5	2.0	1.5	1	X
24						4.3	-6	81	0.7	3.9	-0.8	1	X

AUG. 4, 1975 216

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1						4.5	-9	81	0.7	4.1	-1.1	1	X
2						4.3	-31	74	1.0	3.1	-2.6	1	X
3						4.0	-42	109	-0.8	2.1	-2.8	2	X
4						4.0	-43	81	0.4	1.8	-2.6	3	X
5						4.1	7	131	-2.3	2.7	-0.3	2	X
6						8.5	-10	120	-4.0	6.2	-3.5	2	J
7						9.3	15	143	-6.9	5.7	0.3	3	J
8						8.6	19	154	-6.7	4.1	1.1	3	J
9													
10													
11													
12													
13													
14						3.2	-23	98	-0.3	1.5	-1.8	2	X
15						3.6	-4	79	0.6	2.8	-1.6	1	X
16						4.1	-14	63	1.7	2.7	-2.1	2	X
17						5.1	-18	74	1.3	3.6	-2.8	2	X
18						5.7	24	117	-1.3	2.9	0.5	5	X
19													
20						6.9	0	113	-2.3	5.2	-1.0	4	X
21						7.2	5	150	-5.9	3.5	0.1	2	X
22						6.9	3	118	-2.5	4.5	-0.2	5	X
23						7.2	12	136	-4.8	4.8	1.0	2	X
24						8.5	17	138	-5.9	5.5	2.0	2	X
						9.9	13	131	-6.0	7.0	1.5	3	X

08/05/75 - 08/12/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG, 5, 1975							217
1					9.9	-12	132	-5.7	6.2	-2.5	5	X
2					10.7	11	152	-7.3	4.1	1.2	7	X
3					12.3	13	153	-9.8	5.4	1.6	5	X
4					10.6	-16	154	-5.0	2.0	-2.1	9	X
5					9.0	38	137	-4.2	4.8	3.2	6	X
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16					11.1	-5	123	-5.6	7.6	-3.8	4	X
17					11.3	8	113	-4.2	10.1	-1.6	2	X
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
					AUG. 6, 1975							218
1												
2												
3												
4												
5												
6	577	4.4	114	L								
7	564	5.7	115	L								
8	563	3.7	113	L								
9	551	4.2	66	L								
10	561	3.8	84	L								
11	547	3.2	88	L								
12	544	3.7	74	L								
13	539	2.9	60	L								
14	535	3.5	57	L								
15	535	3.5	64	L								
16	525	3.9	62	L								
17	527	4.0	62	L								
18	517	4.0	60	L								
19												
20												
21	502	3.6	51	L								
22												
23	483	2.3	52	L								
24	473	2.7	48	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 7, 1975							219
1	466	2.7	48	L								
2	465	2.1	58	L								
3	455	2.8	41	L								
4	455	2.6	40	L								
5	447	3.1	39	L								
6												
7												
8												
9	450	3.1	34	L								
10	452	3.0	44	L								
11	448	2.7	40	L								
12	450	2.0	57	L								
13	427	4.7	50	L	7.0	-3	148	-5.7	2.9	-2.0	2	X
14	429	6.0	57	L	5.4	0	143	-4.0	2.8	-1.4	2	X
15	439	6.5	49	J	5.0	-28	131	-2.7	1.9	-3.3	2	X
16	439	7.2	47	J	4.7	24	132	-2.8	3.6	0.7	1	X
17	415	5.8	38	J	5.1	-8	135	-3.4	3.0	-1.7	2	X
18	415	6.5	31	J	4.9	-25	133	-2.9	2.5	-2.7	1	J
19	412	7.7	23	J	4.8	-29	125	-2.2	2.7	-2.7	2	J
20	407	7.4	19	J	4.5	-45	105	-0.8	2.5	-3.5	1	J
21	400	6.7	18	J	4.5	-32	128	-2.3	2.6	-2.6	1	J
22	396	7.4	22	J	4.4	-20	139	-3.0	2.5	-1.8	1	J
23	393	9.3	23	J	4.4	-25	146	-3.2	2.0	-2.0	1	J
24	392	9.0	20	J	4.4	-31	140	-2.9	2.2	-2.5	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 8, 1975							220
1	390	8.7	22	J	4.4	-35	139	-2.7	2.0	-2.8	1	J
2	382	12.7	23	J	4.5	-48	121	-1.6	2.1	-3.6	1	J
3	383	10.1	22	J	5.8	-69	111	-0.7	0.9	-5.5	2	J
4	407	10.0	27	J								
5	421	10.4	46	J								
6	431	12.6	49	J	8.2	-55	301	2.3	-5.7	-4.8	2	J
7	415	14.5	39	J	7.9	-39	313	3.7	-5.2	-2.5	4	J
8	421	17.1	38	J	8.6	-45	285	1.5	-7.5	-2.9	2	J
9	408	9.4	26	J	9.9	-21	290	3.0	-8.8	0.8	3	J
10	399	8.2	27	J	10.0	-15	296	4.2	-8.8	1.8	2	J
11	388	8.3	30	J	9.8	-6	297	4.3	-7.9	3.3	2	J
12	389	10.0	26	J	9.1	-4	286	2.4	-7.7	3.6	2	J
13	480	4.8	32	J	8.4	0	277	1.0	-7.2	3.9	2	J
14	399	9.3	18	J	7.6	-3	263	-0.9	-6.9	3.0	1	J
15	391	10.4	17	J	6.4	-6	261	-1.0	-5.7	1.9	2	J
16	412	11.6	27	J	5.4	-12	283	1.2	-5.2	0.8	1	J
17	376	13.9	23	J	5.1	-15	277	0.6	-5.0	0.3	0	J
18	378	13.4	25	J	4.8	-14	276	0.5	-4.8	0.0	1	J
19	370	17.3	17	J	3.9	-15	285	0.9	-3.6	-0.3	1	J
20	372	18.0	19	J	4.0	-11	289	1.2	-3.7	-0.1	1	J
21	378	20.4	19	J	5.1	-13	296	2.0	-4.3	-0.6	2	J
22	381	18.2	22	J	4.9	-32	300	1.9	-3.5	-2.0	2	J
23	429	12.7	33	J	4.8	-26	294	1.6	-3.9	-1.6	2	J
24	378	19.7	26	J	4.3	1	306	2.3	-3.2	0.4	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 9, 1975							221
1	379	24.0	27	J	3.7	-2	318	2.6	-2.3	0.2	1	J
2	389	19.8	41	J	5.1	8	304	2.8	-3.9	1.3	1	J
3	383	12.6	53	J	7.3	6	315	5.1	-4.9	1.8	2	J
4	383	12.4	53	J	7.5	-10	306	4.3	-6.1	0.2	1	J
5	382	10.6	56	J	7.2	-21	304	3.6	-5.8	-0.9	2	J
6	390	10.0	72	J	5.7	-39	289	1.3	-4.8	-1.8	2	J
7	406	9.5	70	J	4.9	-9	109	-0.6	1.6	-1.0	5	J
8	395	11.5	71	J	4.6	-30	153	-2.4	0.5	-1.9	4	J
9	391	14.9	60	J	4.4	-63	226	-1.3	-2.8	-2.7	2	J
10	394	14.1	61	J	3.9	-24	225	-1.9	-2.2	-0.1	3	J
11	380	11.4	63	J	4.4	34	152	-2.9	2.5	1.1	2	J
12	378	10.7	56	J	3.3	32	146	-1.8	1.7	0.6	3	J
13	371	15.8	42	J	3.7	66	98	-0.1	2.0	1.6	3	J
14	379	20.2	38	J	4.2	49	135	-0.8	1.3	0.8	4	J
15	379	28.5	36	J	4.2	-28	163	-3.1	0.2	-2.0	2	J
16	382	32.9	41	J	6.0	-3	195	-5.4	-1.4	0.2	2	J
17	367	19.0	46	J	10.1	-32	203	-6.9	-4.2	-3.5	5	J
18	387	19.1	57	J	9.4	-70	179	-2.9	-2.0	-7.7	4	J
19	400	19.8	38	J	10.0	-53	291	2.0	-6.8	-6.3	3	J
20	395	17.5	37	J	10.3	-18	297	4.2	-8.7	-1.6	3	J
21	393	16.7	36	J	10.7	-16	298	4.5	-8.8	-1.7	3	J
22	399	10.9	65	J	10.9	-17	127	-4.1	5.1	-2.7	8	J
23	411	5.9	30	J	12.2	1	114	-4.9	11.1	-0.9	2	J
24	411	6.2	29	J	12.1	4	112	-4.4	11.0	-0.4	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 10, 1975							222
1	402	6.0	31	J	11.9	12	115	-4.8	10.6	1.1	2	J
2	412	5.5	50	J	10.5	15	103	-2.0	9.1	1.0	5	J
3	442	5.7	197	L	10.2	-13	97	-1.1	8.8	-4.0	3	J
4	439	5.6	130	J	9.9	-21	60	4.1	6.0	-4.7	5	J
5					9.9	7	62	2.8	5.2	-0.9	8	J
6	408	4.7	176	J	9.5	2	116	-3.9	7.5	-2.4	4	J
7	446	4.2	242	J	9.5	-35	141	-5.9	2.3	-6.7	2	J
8	465	3.8	229	J	9.0	-38	130	-4.5	2.5	-7.3	1	J
9	450	3.8	228	J	8.7	-15	125	-4.7	4.9	-5.0	2	J
10	449	4.3	147	J	8.0	-14	112	-2.4	4.4	-4.2	5	J
11	447	4.6	222	J	5.6	-36	109	-1.2	1.7	-3.9	3	J
12	444	4.3	171	J	5.7	1	140	-4.1	3.1	-1.6	2	J
13	462	3.9	135	J	5.8	16	129	-3.4	4.4	-0.7	1	J
14	484	4.0	172	J	5.6	17	124	-2.9	4.6	-0.6	1	J
15	493	3.9	85	J	5.7	-21	96	-0.5	3.5	-3.6	3	J
16	464	3.7	109	L	5.7	-5	130	-3.6	3.8	-2.1	1	J
17	470	4.0	128	J	5.5	-8	134	-3.6	3.4	-1.9	1	J
18	458	3.3	48	J	5.4	-1	151	-4.6	2.5	-0.8	1	J
19	458	3.1	54	J	5.5	-1	148	-4.7	2.8	-0.7	1	J
20	459	3.2	77	J	5.4	3	156	-4.8	2.2	-0.1	1	J
21	456	2.7	86	J	5.1	15	178	-4.7	0.4	1.3	1	J
22	457	2.9	177	J	5.8	18	184	-5.5	-0.2	1.8	1	J
23	470	4.0	141	J	5.3	9	165	-5.0	1.4	0.7	1	J
24	471	3.4	111	J	4.8	7	164	-4.5	1.4	0.5	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 11, 1975							223
1	470	3.6	109	J	5.2	11	166	-4.7	1.3	0.7	2	J
2	466	3.5	108	J	5.5	22	167	-4.8	1.4	1.8	1	J
3	462	3.5	105	J	5.7	25	161	-4.6	2.0	1.9	2	J
4	467	3.8	186	J	5.9	16	145	-4.5	3.4	0.8	1	J
5	487	3.6	170	J	5.7	7	117	-2.4	4.7	-0.8	2	J
6	489	3.7	171	J	5.6	15	107	-1.5	5.0	-0.4	2	J
7	494	3.7	207	L	5.4	-4	82	0.7	4.2	-2.1	3	J
8	468	3.9	136	J	5.8	30	170	-4.4	1.8	2.0	3	J
9	465	4.1	161	J	5.9	27	174	-4.8	1.6	2.0	2	J
10	462	4.1	171	L	5.0	-42	126	-1.8	0.9	-3.6	3	J
11	466	3.7	129	J	4.9	-37	117	-1.1	0.9	-2.6	4	J
12	442	4.0	200	J	5.2	-11	130	-2.8	2.5	-2.5	2	J
13	461	3.7	133	J	5.1	-27	95	-0.4	2.7	-3.9	2	J
14	441	3.6	165	J	4.9	-13	135	-2.8	2.1	-2.1	3	J
15	443	3.7	133	J	5.1	12	106	-1.2	4.3	-0.9	2	J
16	446	3.3	127	J	4.9	10	102	-0.9	4.3	-0.9	2	J
17	462	3.2	111	J	4.9	20	77	1.0	4.6	0.1	1	J
18	437	3.3	127	J	4.3	-1	104	-1.0	3.8	-1.2	1	J
19	441	3.0	104	J	4.5	3	106	-1.1	3.7	-0.6	2	J
20	449	2.8	88	J	4.6	-10	82	0.5	3.7	-1.4	2	J
21	425	3.4	166	J	4.5	19	136	-2.7	2.8	0.9	2	J
22	409	3.0	64	J	4.3	-1	138	-3.1	2.8	-0.4	1	J
23	408	2.9	60	J	4.2	-17	134	-2.6	2.6	-1.4	1	J
24	412	2.5	54	J	4.2	-5	124	-2.1	3.0	-0.7	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 12, 1975							224
1	408	2.2	65	J	4.0	-2	127	-2.0	2.6	-0.5	2	J
2	390	1.6	137	J	4.4	29	150	-3.3	2.2	1.8	1	J
3	404	2.1	88	L								
4	395	2.2	71	L								
5	400	2.3	59	J	3.8	-9	145	-3.1	1.9	-1.2	1	J
6	401	2.3	65	J	3.6	3	114	-1.3	2.9	-0.9	2	J
7	383	2.0	83	L	3.8	-3	137	-2.7	2.2	-1.2	1	J
8	384	2.6	92	J	3.8	-1	142	-2.9	2.0	-1.1	1	J
9	381	2.6	84	J	3.8	-12	137	-2.6	1.8	-1.9	1	J
10	372	2.6	56	J	3.8	-3	144	-3.0	1.8	-1.3	1	J
11	376	2.8	59	J	3.7	-10	145	-3.0	1.5	-1.6	0	J
12	381	2.0	70	L	3.8	-13	136	-2.7	1.8	-2.1	0	J
13	375	2.2	33	J	3.8	-14	139	-2.7	1.7	-2.0	0	J
14	354	3.6	35	J	3.3	23	116	-1.2	2.8	-0.1	1	J
15	354	3.1	35	J	3.7	9	112	-1.3	3.2	-0.9	1	J
16	346	3.4	34	J	3.4	-8	114	-1.3	2.6	-1.6	1	J
17	345	3.7	39	J	3.3	-3	125	-1.8	2.4	-1.0	1	J
18	334	3.4	32	L	3.4	-4	129	-2.1	2.4	-0.9	1	J
19	336	4.1	19	J	3.4	-13	131	-2.2	2.3	-1.3	1	J
20	339	2.6	70	J	3.4	-17	150	-2.6	1.3	-1.1	1	J
21	340	2.6	54	J	3.4	-32	167	-2.6	0.4	-1.8	1	J
22	327	3.7	27	J	3.3	-17	177	-3.2	0.1	-1.0	1	J
23	331	3.5	27	J	3.5	-16	191	-3.2	-0.7	-0.8	1	J
24	331	3.9	21	J	3.4	-15	214	-2.6	-1.8	-0.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 13, 1975							225					AUG. 14, 1975							226
1	332	5.6	15	J	3.1	11	248	-1.1	-2.6	1.0	1	J	382	8.5	98	J	10.2	-10	143	-6.7	4.7	-2.2	6	J
2	327	7.8	14	J	2.4	-7	242	-0.6	-1.1	0.1	2	J	419	7.2	99	J	11.3	-37	136	-5.6	4.3	-6.8	6	J
3	318	5.6	25	J	3.4	-11	144	-2.5	1.6	-1.0	1	J	444	5.5	149	J	12.4	0	134	-8.5	8.7	-1.9	2	J
4	318	6.0	30	J	3.9	5	144	-3.1	2.2	-0.3	1	J	473	3.6	179	J	13.0	1	130	-8.2	9.5	-2.4	2	J
5	324	5.9	22	J	4.5	-7	133	-2.9	2.8	-1.4	1	J	526	4.4	233	J	11.1	-31	149	-7.8	2.8	-6.7	3	J
6	318	6.1	31	J	5.0	7	138	-3.6	3.3	-0.6	1	J	504	5.1	305	J	10.6	-25	143	-7.2	3.6	-5.9	4	J
7	328	6.6	20	J	5.3	6	130	-3.3	3.8	-1.1	2	J	499	4.7	275	J	9.8	-19	153	-7.2	2.3	-4.1	5	J
8	336	7.4	24	J	5.4	-30	120	-1.4	1.5	-2.5	4	J	500	4.4	249	J	8.9	-4	162	-6.4	1.7	-1.4	6	J
9	350	7.9	22	J	6.0	-64	49	1.6	-0.7	-5.4	2	J	504	4.3	210	J	9.2	0	154	-7.8	3.3	-1.8	3	J
10	349	8.2	22	J	6.5	-61	81	0.5	-0.1	-6.4	1	J	545	3.7	326	J	10.4	28	145	-7.1	6.6	1.5	3	J
11	339	8.5	18	J	6.9	-44	96	-0.5	1.8	-6.5	2	J	548	3.2	292	J	10.9	12	139	-7.7	6.9	-1.5	3	J
12	339	10.4	20	J	6.2	-14	102	-1.2	4.0	-4.0	2	J	519	3.4	247	J	11.0	11	146	-8.9	6.2	-1.2	2	J
13	337	9.9	24	J	7.0	-12	129	-3.8	3.5	-3.4	3	J					11.1	10	144	-7.2	5.3	-1.2	6	J
14	332	10.2	27	J	8.4	-1	155	-7.4	3.1	-1.7	2	J												
15	334	10.6	29	J	9.0	35	153	-6.5	5.2	3.2	2	J					11.9	5	140	-7.8	6.2	-2.4	6	J
16	335	11.0	29	J	8.9	48	151	-5.1	5.1	4.9	2	J	457	3.1	130	L	11.4	2	153	-9.9	4.8	-1.6	3	J
17	342	14.7	31	J	8.6	45	132	-3.6	5.6	3.8	4	J	450	3.2	68	J	11.4	2	153	-10.1	5.0	-1.4	1	J
18	355	12.1	39	J	10.2	67	177	-3.8	2.7	8.6	3	J	456	3.9	201	L	10.9	8	143	-8.5	6.6	-0.4	2	J
19	378	6.9	49	J	12.3	58	146	-5.3	5.8	9.1	2	J	449	3.6	132	J	10.4	3	142	-8.1	6.2	-1.0	1	J
20	383	6.3	84	J	12.2	42	136	-6.3	7.3	6.6	3	J	485	5.3	415	J	8.2	2	136	-5.6	5.4	-0.7	3	J
21	375	5.2	74	J	12.6	40	138	-7.1	7.5	7.0	2	J	484	5.7	277	J	8.8	30	152	-5.5	3.4	3.1	5	J
22	358	5.4	74	J	13.0	30	143	-8.9	7.5	5.5	2	J	487	4.7	201	J	8.6	22	151	-5.3	3.2	2.0	6	J
23	368	6.4	73	J	12.6	3	137	-9.0	8.4	-0.4	3	J	481	4.9	179	J	9.1	19	154	-7.2	3.8	2.3	3	J
24	372	7.1	80	J	11.8	29	145	-8.2	6.5	4.8	3	J	493	4.8	196	J	8.9	1	153	-6.6	3.4	-0.3	5	J
					AUG. 15, 1975							227					AUG. 18, 1975							230
1	498	4.1	148	J	10.0	9	146	-7.8	5.5	0.7	3	J					5.1	32	142	-3.1	2.9	2.1	2	X
2	500	4.2	154	J	9.7	19	151	-7.5	4.7	2.2	3	J					4.6	31	156	-3.5	1.9	2.0	1	X
3	507	3.4	176	J	9.8	-1	138	-7.1	6.2	-1.6	2	J					4.1	22	165	-3.3	1.2	1.2	2	X
4	522	3.0	185	J													3.3	17	149	-2.2	1.5	0.4	2	X
5																	3.2	42	160	-1.8	1.2	1.5	2	X
6																	3.4	38	192	-2.0	0.2	1.6	2	X
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17																								
18																								
19													379	0.0	0	H								
20																								
21													382	0.0	0	H								
22													364	0.0	0	H								
23													368	0.0	0	H								
24													336	0.0	0	H								
					AUG. 19, 1975							231					AUG. 20, 1975							232
1	359	0.0	0	H									330	9.1	18	J	5.8	25	167	-4.8	1.5	2.1	2	J
2	354	0.0	0	H									322	8.6	18	J	6.0	23	183	-5.3	0.2	2.3	1	J
3	386	6.2	59	L									320	8.0	22	J	5.7	27	182	-5.0	0.4	2.5	1	J
4	391	6.5	73	L									321	7.8	22	J	5.5	27	163	-4.4	2.0	1.9	1	J
5	386	5.6	67	L									324	7.9	21	J	5.6	30	172	-4.6	1.6	2.3	1	J
6	383	6.1	67	L									334	10.1	20	J	5.5	26	174	-4.8	1.4	2.0	1	J
7	381	5.8	67	L									335	10.3	33	J	4.4	23	149	-2.8	2.1	0.5	3	J
8	389	5.6	50	L									338	9.8	46	J	4.4	9	154	-3.7	1.9	-0.2	1	J
9	377	6.0	65	L									334	13.4	27	J	5.3	10	145	-4.0	2.9	-0.6	2	J
10	364	4.6	62	L									346	15.2	27	J	6.0	36	137	-3.1	4.1	1.2	3	J
11	355	4.8	55	L									353	10.9	33	J	6.8	-62	159	-2.7	-2.0	-5.1	3	J
12	361	4.5	51	L									363	10.6	27	J	6.7	-64	123	-1.6	-1.0	-6.2	2	J
13	360	5.4	55	L									358	11.0	41	J	6.7	-69	208	-1.6	-3.1	-3.6	5	J
14	361	6.2	60	L									369	12.6	44	J	7.2	-72	156	-1.9	-2.4	-6.2	3	J
15	354	6.7	55	L									374	15.3	42	J	10.8	-39	143	-6.3	1.3	-7.8	4	J
16	361	6.5	48	L									372	20.0	45	J	11.2	32	115	-3.8	9.7	1.8	4	J
17	378	7.3	43	L									392	25.9	64	J	8.1	53	104	-1.0	5.8	3.8	5	J
18	348	5.6	28	L									398	28.7	55	J	7.1	-32	272	0.2	-5.1	-1.3	5	J
19													402	24.9	48	J	9.7	-11	288	2.7	-8.6	0.5	4	J
20	336	7.5	28	L									394	24.0	59	J	7.8	-14	291	2.6	-7.1	-0.3	2	J
21	334	9.7	22	J									390	20.0	55	J	11.0	-26	286	2.6	-9.9	-3.0	2	J
22	335	8.6	25	J									411	12.1	49	J	12.1	14	323	6.8	-4.7	2.9	8	J
23	336	9.2	24	J									484	8.9	155	J	8.6	-51	278	0.6	-5.3	-4.9	5	J
24	332	9.3	20	J	5.5	20	149	-4.0	2.6	1.3	2	J	510	9.8	208	J	9.9	-2	313	5.5	-5.9	0.6	6	J
					AUG. 21, 1975							233					AUG. 22, 1975							234
1	549	7.8	236	J	8.7	50	26	4.2	2.9	5.1	5	J	656	5.7	333	J	5.3	-10	347	3.3	-0.9	-0.5	4	J
2	608	6.1	258	L	7.4	33	343	5.1	-0.9	3.7	4	J	664	4.2	221	J	4.6	-42	333	1.8	-1.3	-1.6	4	J
3	596	5.6	181	J	7.4	14	340	6.3	-1.8	2.2	3	J	627	3.8	139	J	4.8	5	351	4.1	-0.6	0.6	2	J
4	620	6.0	307	L	7.3	-21	343	5.0	-2.0	-1.5	5	J	623	3.8	118	J	5.0	1	290	1.3	-3.4	1.1	3	J
5	607	5.2	214	J	7.1	-12	319	4.9	-4.4	0.1	3	J	620	3.6	138	J	4.6	-26	327	2.8	-2.2	-0.9	3	J
6	604	4.8	148	J	7.2	9	323	5.5	-3.5	2.6	2	J	601	3.9	117	J	5.3	1	341	4.5	-1.4	0.7	2	J
7	600	4.8	182	J	7.6	6	325	5.9	-3.4	2.5	2	J	591	3.8	139	J	5.2	-4	338	4.5	-1.8	0.5	2	J
8	581	5.9	140	J	9.1	6	329	7.6	-3.6	2.9	2	J	620	3.8	155	J	5.0	26	287	1.1	-2.4	3.4	3	J
9	576	6.3	168	J	9.2	8	332	8.0	-3.0	3.2	1	J	630	4.3	187	J	4.5	-36	252	-1.0	-3.6	-0.5	2	J
10	559	5.5	130	J	9.7	4	318	6.6	-4.7	3.6	4	J	595	4.1	147	J	5.0	-6	297	1.9	-3.5	1.6	2	J
11	540	6.7	128	J	10.6	8	322	8.1	-4.6	4.5	2	J	559	4.0	77	J	5.7	9	337	4.7	-1.3	1.7	2	J
12	530	5.7	143	J	11.6	23	315	7.2	-3.9	7.4	4	J	580	3.7	120	J	5.2	-16	306	2.5	-3.5	0.8	3	J
13													576	3.4	117	J	5.2	25	326	3.1	-0.9	2.5	3	J
14	538	7.7	151	J	10.4	2	322	7.5	-5.0	3.1	4	J	555	3.2	78	J	5.0	8	336	4.2	-1.4	1.5	2	J
15	592	7.5	303	J	10.1	30	314	5.5	-3.0	6.7	4	J	577	3.6	138	J	5.0	-3	329	2.8	-1.6	0.6	4	J
16	612	9.0	259	J	9.5	-23	278	0.9	-6.9	0.1	7	J	600	4.3	161	J	4.4	41	4	2.4	1.0	1.8	3	J
17	616	7.4	239	J	7.7	0	315	3.8	-3.5	1.4	6	J	599	4.4	180	J	3.8	31	16	2.2	1.1	1.1	3	J
18	641	7.1	239	J	8.8	-10	303	2.9	-4.6	0.5	7	J	592	4.8	200	J	4.5	28	359	3.2	0.4	1.6	3	J
19	663	6.2	293	J	7.5	-1	289	2.2	-6.1	1.5	3	J	606	4.8	133	J	4.6	40	51	1.8	2.8	1.7	3	J
20	671	6.0	295	J	7.0	35	335	3.0	-0.9	2.5	6	J	606	5.5	114	J	5.0	38	47	2.2	2.8	1.9	3	J
21	665	6.1	315	J	6.7	-9	300	2.8	-4.9	-0.0	4	J	591	5.9	135	J	5.2	28	15	4.1	1.5	2.1	2	J
22	646	5.9	234	J	7.3	4	334	5.3	-2.5	0.8	4	J	578	5.4	134	J	5.3	23	22	4.3	2.0	1.7	2	J
23	648	5.8	274	J	7.6	33	358	5.2	0.3	3.4	4	J	592	5.3	161	J	4.4	-29	20	2.7	0.7	-1.7	3	J
24	642	5.6	296	J	6.6	14	340	4.9	-1.6	1.6	4	J	614	4.6	163	J	4.6	-11	61	1.8	3.0	-1.2	3	J

08/23/75 - 08/30/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 23, 1975							235
1	606'	4.7	191	J	5.1	-32	355	2.5	-0.5	-1.5	4	J
2	594	4.8	186	J	4.6	12	296	1.6	-3.1	1.5	3	J
3	612	4.6	149	J	4.7	-6	264	-0.5	-4.3	0.7	2	J
4	600	4.7	155	J	4.8	3	270	0.0	-3.8	1.4	3	J
5	584	4.4	153	J	4.4	32	283	0.7	-2.2	2.8	3	J
6	578	4.6	136	J	4.4	25	302	2.0	-2.3	2.8	2	J
7	581	4.2	113	J	4.4	19	264	-0.3	-1.8	1.8	4	J
8	548	4.5	129	J	4.6	-5	311	2.6	-2.8	1.2	2	J
9	548	4.6	151	J	4.9	-15	300	1.8	-3.3	0.7	3	J
10	559	4.8	150	J	5.3	-6	283	0.9	-3.6	1.8	3	J
11	526	4.7	136	J	5.4	-36	22	3.7	-0.3	-3.3	2	J
12	519	5.3	129	J	5.8	-30	333	4.1	-3.2	-1.1	2	J
13	509	4.9	91	J	5.6	12	330	4.5	-1.7	2.3	2	J
14	502	4.3	71	J	5.7	16	322	4.2	-2.1	2.9	1	J
15	484	4.5	78	J	5.8	3	320	4.3	-3.1	1.9	2	J
16	505	5.9	130	J	4.3	2	299	1.4	-2.2	1.1	3	J
17	493	7.2	172	J	4.4	-3	322	3.1	-2.3	0.7	2	J
18	506	6.7	132	J	3.8	-14	294	1.0	-2.4	0.1	3	J
19	498	6.4	132	J	4.2	15	309	2.4	-2.6	1.7	2	J
20	485	6.2	133	J	4.9	10	319	3.3	-2.6	1.4	2	J
21	481	6.5	145	J	5.2	17	359	4.3	0.1	1.3	3	J
22	467	5.5	105	J	4.8	4	337	4.1	-1.7	0.6	2	J
23	468	5.6	86	J	5.0	5	317	3.6	-3.2	0.9	1	J
24	470	4.9	69	J	5.7	21	304	2.9	-3.9	2.7	2	J
					AUG. 24, 1975							236
1	466	4.5	63	J	6.2	23	312	3.7	-3.6	3.0	1	J
2	465	4.4	62	J	6.2	14	308	3.6	-4.3	2.5	1	J
3	455	4.4	61	J	5.9	14	314	3.9	-3.6	2.4	1	J
4	461	4.3	66	J	6.2	2	307	3.6	-4.5	1.6	2	J
5	457	3.5	57	J	6.1	16	316	3.8	-3.0	2.7	3	J
6	511	2.2	128	J	6.3	45	314	2.7	-1.0	4.7	3	J
7	508	1.7	103	J	6.5	13	315	4.4	-3.3	3.2	1	J
8	532	1.5	162	J	6.4	10	309	3.8	-3.6	3.2	2	J
9	543	1.4	243	J	6.2	13	314	4.2	-3.0	3.4	1	J
10	562	1.5	182	J	5.9	11	299	2.7	-3.6	3.5	2	J
11	533	1.9	182	J	5.7	-5	328	4.6	-2.7	1.1	1	J
12	522	2.0	184	J	5.8	-30	348	4.7	-2.3	-1.7	2	J
13	544	2.2	191	J	5.7	-19	330	4.1	-2.9	-0.1	3	J
14	562	2.3	160	J	5.5	-2	316	3.7	-3.2	1.6	2	J
15	531	2.3	166	J	5.4	-11	330	4.4	-2.8	0.3	1	J
16	539	2.6	159	J	5.2	8	319	3.8	-2.7	2.0	1	J
17	527	2.7	135	J	5.2	-4	327	4.3	-2.8	0.7	1	J
18	535	3.0	126	J	4.9	-2	315	2.7	-2.6	0.8	3	J
19	555	3.0	128	J	4.8	-21	283	0.9	-4.3	-0.5	2	J
20	517	2.8	129	J	4.6	-14	337	3.5	-1.7	-0.5	3	J
21	530	3.2	128	J	3.7	-30	239	-1.0	-1.8	-0.8	3	J
22	522	4.3	138	J	2.9	-35	181	-2.0	-0.2	-1.4	2	J
23	516	4.1	72	J	2.8	-20	174	-2.4	0.2	-0.9	2	J
24	508	4.7	70	J	6.1	-6	189	-5.8	-1.0	-0.4	1	J
					AUG. 25, 1975							237
1	499	4.2	54	J	4.8	0	186	-4.6	-0.5	0.1	1	J
2	495	5.2	54	J	4.4	6	184	-4.1	-0.2	0.5	1	J
3	495	3.7	91	J	4.3	-15	162	-3.9	1.0	-1.4	1	J
4	491	4.9	70	J	3.9	-7	151	-3.3	1.6	-1.0	1	J
5	489	4.8	70	J	3.5	-2	162	-3.0	0.9	-0.4	2	J
6	492	6.1	65	J	3.9	-24	139	-2.3	1.3	-2.1	2	J
7	492	6.8	70	J	3.7	-19	161	-3.2	0.5	-1.6	1	J
8	478	6.6	70	J	3.5	-15	154	-3.0	0.8	-1.5	1	J
9	456	6.8	110	J	3.0	-9	166	-0.5	0.0	-0.1	3	J
10	450	7.7	99	J	2.6	-67	286	0.2	-1.7	-1.2	2	J
11	463	7.0	102	J	4.1	19	303	1.6	-1.6	2.2	3	J
12	474	7.1	134	J	4.2	22	17	1.3	0.7	0.3	4	J
13	468	6.9	125	J	4.7	36	4	2.7	1.2	1.5	3	J
14	479	6.2	98	J	4.9	-47	264	-0.2	-3.1	-0.9	4	J
15	477	6.5	111	J	4.9	-45	232	-1.9	-3.7	-1.6	2	J
16	471	7.5	111	J	4.6	-12	253	-0.9	-3.1	0.7	3	J
17	466	8.0	103	J	4.9	8	270	0.0	-3.3	1.8	3	J
18	455	7.0	107	J	5.7	33	294	1.8	-2.9	3.9	2	J
19	460	7.5	107	J	5.9	29	287	1.3	-3.4	3.4	3	J
20	462	7.5	104	J	5.9	-14	279	0.8	-5.4	-0.1	2	J
21	462	7.5	84	J	5.7	-20	283	1.1	-4.9	-0.8	2	J
22	475	6.7	75	J	5.8	-33	262	-0.6	-5.0	-2.2	2	J
23	490	6.7	67	J	6.0	-11	233	-3.4	-4.6	-0.3	2	J
24	470	7.1	67	J	6.1	10	257	-1.0	-4.3	1.6	4	J
					AUG. 26, 1975							238
1	464	7.2	77	J	5.3	16	266	-0.3	-4.4	2.3	2	J
2	455	7.9	84	J	5.9	30	312	2.7	-2.4	2.9	4	J
3	458	7.8	79	J	5.4	53	12	2.8	1.6	3.5	3	J
4	457	7.7	77	J	6.2	52	283	0.8	-1.8	5.1	3	J
5	456	7.5	86	J	5.8	-22	263	-0.6	-5.5	-0.2	2	J
6	456	6.4	43	J	5.9	-10	221	-4.2	-3.8	0.6	2	J
7	456	6.3	47	J	6.3	0	205	-5.6	-2.3	1.2	1	J
8	452	6.4	41	J	6.4	5	207	-5.6	-2.2	1.8	1	J
9	439	5.2	63	J	6.4	6	196	-5.6	-1.1	1.3	2	J
10	420	6.4	51	J	4.8	-17	333	1.7	-1.1	-3.0	4	J
11	418	6.7	80	J	3.6	-9	356	3.3	-0.4	-0.3	2	J
12	415	5.9	60	J	3.0	15	325	1.7	-0.7	1.2	2	J
13	421	6.3	86	J	3.8	23	277	0.4	-1.9	2.7	2	J
14	403	6.0	38	J	5.6	21	6	3.8	1.1	1.1	4	J
15	401	5.8	33	J	5.4	19	7	4.8	1.3	1.2	1	J
16	395	6.7	52	J	5.7	10	339	4.5	-1.2	1.5	3	J
17	392	6.4	68	J	5.6	3	318	4.0	-3.2	1.6	1	J
18	393	6.0	42	J	5.3	-25	341	4.5	-2.1	-1.6	1	J
19	403	6.2	64	J	4.4	-42	296	0.8	-2.1	-1.2	4	J
20	408	6.7	57	J	4.4	-8	278	0.5	-3.4	0.3	3	J
21	398	6.7	71	J	3.6	12	300	1.4	-2.3	1.1	2	J
22	423	6.1	59	J	3.7	22	218	-2.3	-1.6	1.5	2	J
23	403	6.8	61	J	3.9	-37	245	-0.7	-1.7	-1.0	3	J
24	407	5.6	48	J	3.7	-61	266	-0.1	-1.9	-2.3	2	J
					AUG. 27, 1975							239
1	400	5.5	49	J	4.1	-64	38	1.2	0.3	-3.2	2	J
2	400	5.8	38	J	4.2	-67	92	-0.1	0.7	-3.7	2	J
3	394	5.9	38	J	4.8	-78	358	1.0	-1.2	-4.3	1	J
4	386	6.3	63	J	4.6	-46	353	2.7	-1.1	-2.6	3	J
5	392	6.5	86	J	4.5	-12	319	2.3	-2.1	0.1	3	J
6	387	7.0	72	J	4.1	1	281	0.7	-3.2	1.5	2	J
7					4.0	-1	281	0.7	-3.3	1.5	1	J
8	373	6.6	47	J	3.9	-33	330	2.4	-2.1	-0.9	2	J
9	365	8.4	30	J	3.8	-7	23	3.3	1.0	-1.1	1	J
10	362	8.0	34	J	4.6	-11	3	4.2	-0.3	-0.8	2	J
11	356	7.7	38	J	5.2	-6	9	4.9	0.4	-0.9	1	J
12	357	6.9	41	J	5.0	19	2	4.3	1.0	1.2	2	J
13												
14												
15												
16												
17												
18												
19					5.0	19	358	4.7	0.2	1.6	1	X
20					5.7	9	23	5.0	2.3	0.4	2	X
21					5.0	13	4	4.5	0.5	0.9	2	X
22					4.6	9	320	2.5	-2.0	0.9	3	X
23					4.4	-12	235	-2.2	-3.2	-0.3	2	X
24					5.1	-2	276	0.4	-4.3	0.6	3	X
					AUG. 28, 1975							240
19					7.4	-34	294	2.5	-6.4	-2.7	1	X
20					7.5	-38	293	2.3	-6.3	-3.3	1	X
21					7.9	-34	285	1.6	-6.9	-3.1	2	X
22					3.8	-28	266	-0.2	-2.7	-0.9	3	X
23					4.7	-50	119	-1.2	1.5	-3.2	3	X
					AUG. 29, 1975							241
1					4.1	-12	135	-2.2	2.0	-1.1	4	X
2					11.0	-6	120	-5.0	8.3	-3.1	4	X
3					10.9	5	114	-3.7	8.0	-1.4	6	X
4												
5												
6												
7												
8												
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15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 30, 1975							242
10	489	0.0	0	H								
13	444	0.0	0	H								
15	415	0.0	0	H								
16	357	0.0	0	H								
17	409	0.0	0	H								
18	408	0.0	0	H								
19	401	0.0	0	H	4.6	32	163	-3.6	1.7	1.9	1	X
20	411	0.0	0	H	4.3	12	150	-3.5	2.2	0.4	1	X
21	418	0.0	0	H	4.2	-3	155	-3.4	1.5	-0.5	2	X
22	427	0.0	0	H	3.9	-4	168	-3.7	0.7	-0.3	1	X
23	413	0.0	0	H	4.0	-4	159	-3.6	1.3	-0.5	1	X
24	399	0.0	0	H	4.0	-1	160	-3.7	1.4	-0.4	1	X

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 31, 1975							243
1	419	0.0	0	H								
2	417	0.0	0	H								
3	417	0.0	0	H								
4	406	0.0	0	H								
5	407	0.0	0	H								
6	418	0.0	0	H								
7	438	0.0	0	H								
8	413	9.7	41	L								
9	423	8.3	44	L								
10	322	8.5	77	J								
11	433	12.2	47	L								
12	404	0.0	0	H								
13	380	13.7	40	L								
14	378	14.8	37	L								
15	376	15.3	39	L								
16	393	14.9	47	L								
17	392	17.3	46	L								
18	380	15.5	39	L								
19	392	13.0	41	L	6.5	12	58	3.2	5.3	-0.3	2	X
20	390	8.5	54	L	7.0	2	72	2.1	6.3	-1.2	2	X
21	378	9.5	59	L	7.1	23	105	-1.6	6.3	1.3	3	X
22	382	11.5	44	J	7.2	36	148	-4.8	3.7	3.5	2	X
23	378	10.5	51	J	6.9	35	165	-5.4	2.2	3.6	1	X
24	372	10.6	48	J	6.7	42	168	-4.7	1.8	4.0	2	X
					SEP. 1, 1975							244
1	368	10.0	45	J								
2	367	10.6	50	J								
3	364	10.6	59	J								
4	364	9.5	51	J								
5	377	9.7	40	J								
6	370	9.1	42	J								
7	361	10.4	53	J								
8	370	10.0	47	J								
9	386	10.2	44	J								
10	368	10.1	54	J								
11	370	10.8	59	J								
12	375	10.5	65	J								
13	380	10.9	56	J	5.3	61	88	0.1	4.0	2.2	3	J
14	377	10.7	58	J	5.7	12	96	-0.6	5.2	-1.8	1	J
15	376	10.0	55	J	4.5	-2	90	0.0	3.4	-2.0	2	J
16	380	9.6	48	J	4.5	-17	79	0.7	2.9	-2.7	2	J
17	376	10.0	53	J	4.1	-5	100	-0.5	2.4	-1.2	3	J
18	379	10.1	47	J	4.4	-34	81	0.4	1.8	-2.5	3	J
19	374	10.9	45	J	3.8	-31	142	-2.4	1.3	-2.3	1	J
20	372	10.6	57	J	3.9	-24	175	-3.5	-0.1	-1.6	1	J
21	362	10.0	51	J	4.4	-11	140	-2.9	2.3	-1.2	2	J
22	358	9.8	50	J	5.4	-7	134	-3.7	3.6	-1.4	1	J
23	367	12.5	34	J	4.8	-17	102	-0.7	3.2	-1.7	3	J
24	375	14.9	34	J	5.0	-65	70	0.7	1.0	-4.4	2	J
					SEP. 2, 1975							245
1	368	15.1	38	J	5.6	-17	116	-2.1	3.9	-2.3	2	J
2	355	14.0	57	J	6.5	15	126	-3.5	5.0	0.4	2	J
3	351	13.3	44	J	6.3	51	133	-2.6	3.9	3.7	2	J
4	351	19.0	39	J	2.1	-2	171	-1.7	0.2	-0.1	1	J
5	344	17.5	36	J	4.4	-7	183	-4.4	-0.4	-0.4	1	J
6	346	16.2	39	J	4.4	0	195	-4.2	-1.0	0.5	1	J
7	349	18.3	40	J	2.6	-24	195	-2.0	-0.9	-0.6	1	J
8	355	14.6	39	J	4.9	-72	278	0.2	-3.3	-3.0	2	J
9	355	13.7	35	J	5.7	-39	252	-1.3	-5.2	-0.8	2	J
10	358	18.0	42	J	5.1	11	225	-3.3	-2.3	2.6	2	J
11	362	16.0	33	J	7.4	16	218	-5.6	-2.5	4.1	1	J
12	363	13.3	27	J	8.2	25	207	-6.5	-0.9	4.7	1	J
13	373	13.3	31	J	8.5	30	207	-5.6	-0.4	4.6	4	J
14	369	12.1	35	J	7.9	28	170	-6.6	2.8	2.5	2	J
15	376	13.0	45	J	7.4	33	153	-4.6	3.6	1.8	4	J
16	378	13.7	44	J	6.5	6	103	-0.7	2.8	-1.0	6	J
17	378	11.5	59	J	6.3	13	112	-2.0	5.0	-0.8	3	J
18	381	10.0	47	J	5.8	2	108	-1.7	5.0	-1.6	2	J
19	381	7.4	45	J	6.5	7	127	-3.8	5.1	-0.7	1	J
20	360	9.1	34	J	5.3	-9	123	-2.8	4.1	-1.9	1	J
21	352	9.4	31	J	5.1	-18	115	-2.0	3.9	-2.4	1	J
22	356	9.8	23	J	5.0	-22	104	-1.1	3.9	-2.6	2	J
23	364	11.0	19	J	4.6	-44	93	-0.2	2.7	-3.8	1	J
24	356	10.6	21	J	4.3	-27	345	3.1	-1.1	-1.4	2	J
					SEP. 3, 1975							246
1	341	9.7	19	J	3.6	-41	111	-0.5	1.1	-1.6	3	J
2	328	9.4	19	J	3.5	-18	132	-1.8	1.8	-1.4	2	J
3	327	9.0	19	J	3.2	-23	121	-1.4	1.9	-1.7	1	J
4	316	7.1	29	J	3.2	16	171	-2.8	0.7	0.6	1	J
5	315	7.7	33	J	3.1	10	174	-2.9	0.5	0.4	1	J
6	316	8.0	28	J	2.8	-14	179	-2.4	-0.2	-0.6	1	J
7	318	7.8	23	J	2.3	-9	192	-1.9	-0.5	-0.1	1	J
8	319	7.9	23	J	2.2	-1	203	-1.9	-0.7	0.4	1	J
9	321	8.4	22	J	2.2	-32	190	-1.8	-0.8	-0.8	1	J
10	325	8.6	21	J	2.5	-41	170	-1.8	-0.6	-1.5	1	J
11	324	9.4	21	J	2.3	-34	193	-1.7	-1.0	-0.8	1	J
12	326	10.3	19	J	3.2	27	215	-2.1	-0.5	1.9	1	J
13	330	13.1	19	J	4.4	34	167	-3.4	1.9	1.6	1	J
14	330	12.8	21	J	5.0	32	191	-3.8	0.6	2.5	2	J
15	330	12.6	21	J	4.8	32	205	-3.4	-0.3	2.8	2	J
16	332	14.1	20	J	4.5	-9	215	-3.1	-2.2	3.4	2	J
17	340	13.8	21	J	3.9	-60	99	-0.2	0.5	-2.6	3	J
18	331	13.0	22	J	3.9	32	151	-2.4	1.8	1.2	2	J
19	332	11.4	20	J	3.7	6	209	-3.0	-1.5	0.8	1	J
20	329	11.6	26	J	2.6	23	183	-2.3	0.1	1.0	1	J
21	327	12.6	23	J	3.0	23	200	-2.1	-0.5	1.1	2	J
22	329	11.4	24	J	2.7	9	220	-1.6	-1.2	0.6	2	J
23	326	10.0	23	J	3.2	37	186	-1.5	0.1	1.2	3	J
24	320	9.5	23	J	3.3	34	186	-1.9	0.1	1.3	2	J
					SEP. 4, 1975							247
1	320	8.5	21	J	3.2	11	241	-1.5	-2.5	1.1	1	J
2	320	8.9	23	J	3.0	-12	212	-2.2	-1.4	-0.2	1	J
3	318	9.1	28	J	3.1	-13	156	-2.6	0.9	-0.9	1	J
4	320	8.9	23	J	3.2	-4	121	-1.4	2.2	-1.0	2	J
5	324	9.0	20	J	3.0	11	85	0.2	2.4	-0.5	2	J
6	321	8.5	21	J	2.9	-41	89	0.0	1.0	-2.2	2	J
7	320	7.9	20	J	2.6	-45	64	0.6	0.4	-1.8	2	J
8	315	7.9	21	J	2.6	-38	104	-0.3	0.6	-1.5	2	J
9	309	8.0	28	J	2.6	-10	185	-2.1	-0.3	-0.2	2	J
10	305	7.0	25	J	2.9	26	171	-1.8	0.7	0.6	2	J
11	302	6.9	20	J	2.9	35	172	-2.3	1.2	1.2	1	J
12	298	6.9	22	J	2.8	19	154	-2.1	1.3	0.1	1	J
13	306	6.8	22	J	2.0	-46	131	-0.5	0.1	-1.0	2	J
14	303	6.7	21	J	2.2	0	168	-2.1	0.4	-0.2	1	J
15	306	6.4	24	J	2.0	-38	122	-0.3	0.2	-0.6	2	J
16	304	6.1	21	J	1.9	-40	215	-1.1	-1.1	-0.7	1	J
17	303	6.2	21	J	1.9	10	91	-0.0	1.9	-0.4	1	J
18	301	5.9	26	J	1.9	53	171	-0.6	0.4	0.7	2	J
19	302	6.1	23	J	2.6	39	125	-0.9	1.7	0.9	2	J
20	300	6.2	30	J	2.0	-13	156	-1.7	0.6	-0.6	1	J
21	296	5.7	29	J	2.4	17	158	-2.0	1.0	0.5	1	J
22	300	6.5	23	J	2.7	-21	132	-1.5	1.5	-1.2	1	J
23	302	6.9	20	J	2.9	-14	118	-1.3	2.2	-1.1	1	J
24	299	7.0	22	J	3.0	1	130	-1.9	2.2	-0.4	1	J
					SEP. 5, 1975							248
1	296	7.2	24	J	3.0	-11	128	-1.6	1.9	-0.9	2	J
2	291	7.2	31	J	3.2	-2	151	-2.6	1.4	-0.5	1	J
3	301	8.3	18	J	2.9	-74	212	-0.6	-1.0	-2.1	2	J
4	301	9.3	17	J	2.7	-43	254	-0.5	-2.0	-1.0	1	J
5	301	10.4	12	J	2.8	-18	289	0.9	-2.7	0.1	1	J
6	296	9.3	9	J	2.6	-22	136	-1.5	1.0	-1.4	1	J
7	298	10.4	8	J	3.1	1	129	-1.9	2.2	-1.1	0	J
8	298	11.7	8	J	3.0	6	129	-1.9	2.2	-0.9	0	J
9	302	14.5	11	J	2.8	-6	117	-1.2	1.9	-1.5	1	J
10	305	13.2	13	J	3.5	9	123	-1.8	2.6	-1.1	1	J
11	303	12.4	13	J	4.2	51	140	-2.0	3.2	1.8	1	J
12	303	12.1	15	J	4.5	69	163	-1.5	2.7	3.2	1	J
13	302	12.0	14	J	5.2	28	123	-2.4	4.4	-0.0	1	J
14	303	12.7	14	J	4.1	-21	104	-0.8	2.2	-2.9	2	J
15	298	11.5	15	J	3.3	-14	104	-0.8	2.3	-2.1	1	J
16	297	10.8	27	L	3.0	25	188	-2.6	0.2	1.3	1	J
17	299	12.2	23	L	3.1	3	134	-1.4	1.4	-0.5	2	J
18	298	12.5	21	L	3.1	-12	115	-1.2	2.1	-1.4	1	J
19	298	13.3	23	L	3.7	-36	156	-2.5	0.5	-2.2	2	J
20	304	13.6	23	L	3.4	58	136	-0.8	1.2	1.5	3	J
21	305	17.4	18	L	3.4	71	199	-1.0	0.3	3.1	1	J
22	314	23.7	24	J	2.6	-42	215	-1.2	-1.0	-1.1	2	J
23	323	28.6	21	J	3.0	-87	139	-0.1	-0.5	-2.9	1	J
24	321	29.4	20	J	3.7	-80	102	-0.1	-0.1	-3.6	1	J
					SEP. 6, 1975							249
1	319	31.5	20	J	2.6	-62	355	1.0	-0.5	-1.8	2	J
2	313	26.2	23	J	4.6	-45	298	1.5	-3.5	-2.4	1	J
3	312	27.7	22	J	5.5	-40	272	0.1	-5.0	-2.1	1	J
4	309	26.0	19	J	7.0	-5	271	0.1	-6.3	1.6	3	J
5	310	32.5	21	J	6.3	36	313	3.3	-2.0	4.6	2	J
6	313	31.8	22	J	4.6	-73	232	-0.1	-0.5	-0.6	5	J
7	314	31.3	25	J	5.7	-42	143	-3.2	0.4	-4.3	2	J
8	318	35.5	25	J	6.0	19	110	-1.8	5.2	-0.9	2	J
9	321	40.1	27	J	7.7	25	102	-1.4	7.3	-0.9	2	J
10	325	49.3	30	J	7.5	45	114	-1.8	5.7	1.4	5	J
11	328	45.6	31	J	9.3	-1	110	-2.5	5.5	-3.9	6	J
12	332	20.5	36	J	13.9	0	110	-4.6	10.5	-7.0	4	J
13	339	13.8	57	J	12.6	-26	110	-3.4	5.3	-9.3	6	J
14	355	16.3	110	J	11.5	-25	118	-4.6	5.0	-8.4	4	J
15	366	16.2	102	J	8.3	-54	64	1.7	0.5	-6.3	6	J
16	366	12.5	146	J	9.2	-80	174	-1.0	-2.3	-4.9	7	J
17	397	14.8	238	L	7.8	-10	178	-7.0	-0.3	-1.2	3	J
18	428	12.7	232	L								
19	413	10.2	198	L	8.2	14	155	-7.0	3.6	0.9	2	X
20	424	6.6	193	L	9.0	3	130	-5.6	6.5	-1.3	3	X
21	429	6.6	208	L	8.8	4	111	-3.0	7.9	-1.2	2	X
22	436	7.0	208	L								
23	443	7.0	187	J	7.9	-15	124	-3.6	4.9	-2.7	4	J
24	445	6.8	169	J	7.4	19	136	-4.4	4.5	1.2	4	J
					SEP. 7, 1975							250
1	462	6.2	153	J	6.8	46	156	-3.1	2.1	3.1	5	J
2	442	5.8	129	J	6.9	6	156	-5.5	2.6	0.0	3	J
3	443	5.7	130	J	7.4	15	137	-4.7	4.7	0.4	3	J
4	437	5.4	141	J	7.1	9	155	-5.3	2.6	0.1	4	J
5	435	5.3	128	J	6.4	-3	176	-5.7	0.3	-0.4	3	J
6	436	5.5	121	J	6.7	19	148	-5.1	3.8	0.5	2	J
7	440	5.4	134	J	6.4	15	134	-3.8	4.2	-0.6	3	J
8	432	5.6	131	J	6.0	11	167	-5.4	1.6	0.3	2	J
9	442	5.5	144	J	6.2	-13	138	-4.0	2.4	-3.0	3	J
10	431	5.6	148	J	6.3	-30	183	-4.9	-1.8	-2.2	3	J
11	443	5.6	134	J	6.0	-33	179	-4.6	-1.6	-2.5	2	J
12	429	5.9	166	J	5.6	19	188	-4.4	0.3	1.6	3	J
13					5.8	4	166	-4.7	1.2	-0.4	3	J
14					5.9	7	166	-5.3	1.5	-0.1	2	J
15	424	6.5	121	J	5.5	5	187	-5.1	-0.3	0.7	2	J
16	419	6.0	90	J	5.6	10	191	-5.3	-0.5	1.3	1	J
17	414	6.0	95	J	5.7	12	190	-5.4	-0.4	1.4	1	J
18	403	5.2	59	J	6.3	8	156	-5.5	2.6	-0.0	2	J
19	392	4.6	62	J	6.2	6	149	-5.1	3.1	-0.3	1	J
20	389	4.3	55	J	6.1	4	151	-5.3	3.0	-0.3	1	J
21	388	4.1	50	J	6.1	15	173	-5.5	1.0	1.3	2	J
22	382	4.1	58	J	6.0	3	162	-5.6	1.8	-0.1	1	J
23	386	4.1	73	J	5.5	-5	147	-4.4	2.7	-1.0	1	J
24	388	4.6	149	J	5.0	-16	168	-4.5	0.7	-1.5	1	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
					SEP. 8, 1975							251
1	397	4.2	82	J	5.5	-18	133	-3.4	3.2	-2.4	1	J
2	386	4.0	95	J	5.6	-13	143	-4.0	2.7	-1.9	2	J
3	376	3.3	42	J	5.5	-4	146	-4.5	2.6	-1.2	1	J
4	374	3.3	37	J								
5												
6												
7												
8	384	3.0	64	J								
9	382	3.3	33	J								
10	377	3.7	31	J								
11	378	3.8	32	J								
12												
13												
14												
15												
16												
17												
18					6.8	6	118	-2.9	5.4	-1.2	3	X
19					7.4	8	140	-5.3	4.5	-0.3	3	X
20					7.5	2	137	-5.3	4.8	-1.0	2	X
21					8.0	-9	128	-4.4	5.1	-2.3	4	X
22					8.3	-7	122	-4.0	6.1	-2.3	3	X
23												
24	368	5.1	78	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 9, 1975							252
1	379	4.9	67	J	9.2	-1	129	-5.6	6.8	-1.6	2	X
2	413	6.3	58	J	8.6	-6	117	-3.7	6.7	-2.7	3	X
3	392	5.9	56	J	9.1	-7	128	-5.3	6.0	-2.9	3	X
4					9.7	5	134	-6.6	6.8	-1.6	2	X
5					9.8	9	137	-6.8	6.5	-1.2	2	X
6					9.6	-3	116	-3.9	7.3	-4.0	3	X
7					9.3	4	128	-5.2	6.1	-2.6	4	X
8					9.1	2	131	-5.6	5.6	-3.1	3	X
9												
10					9.2	1	134	-6.3	5.6	-3.5	1	X
11					9.2	4	126	-4.6	5.4	-3.1	5	X
12					9.8	5	140	-5.5	4.1	-2.1	7	X
13					10.3	15	140	-6.9	6.2	-1.1	5	X
14					10.3	-17	112	-3.5	5.9	-7.1	3	X
15					10.0	-7	102	-2.0	7.5	-5.4	3	X
16					10.0	18	112	-3.1	8.1	-1.1	5	X
17					10.1	17	96	-0.9	9.2	-1.0	4	X
18					9.8	-2	125	-5.2	6.9	-2.9	3	X
19					9.4	-11	120	-4.3	6.7	-3.8	3	X
20					7.7	37	169	-3.4	1.2	2.4	6	X
21					8.2	-12	90	0.0	5.1	-2.4	6	X
22												
23					6.5	-37	81	0.4	2.1	-2.4	6	X
24					7.3	5	121	-2.9	4.9	-0.5	5	X

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 10, 1975							253
1					7.2	-24	126	-3.4	4.0	-3.5	4	X
2					7.8	-47	143	-3.6	1.4	-5.4	4	X
3					8.0	-49	150	-3.5	0.6	-5.2	5	X
4					8.6	-19	110	-2.0	4.5	-3.7	6	X
5					8.2	27	142	-4.6	4.5	1.4	5	X
6					8.1	-14	126	-4.1	4.3	-4.0	4	X
7												
8					8.0	46	205	-4.5	0.9	5.5	4	X
9					8.4	19	160	-6.6	3.3	0.7	4	X
10					7.7	5	122	-4.0	5.5	-2.9	2	X
11					7.2	7	146	-5.2	3.3	-1.3	4	X
12					7.1	5	142	-4.9	3.5	-1.6	4	X
13					7.3	-15	146	-5.2	2.1	-3.4	3	X
14					7.2	-35	146	-3.6	0.6	-3.9	5	X
15					6.9	-23	138	-3.2	1.7	-3.0	5	X
16												
17					6.9	9	125	-3.4	5.0	-1.1	3	X
18					6.6	13	135	-4.1	4.3	-0.2	3	X
19					6.4	-4	164	-5.5	1.3	-0.8	3	X
20					6.7	25	182	-5.6	0.5	2.7	3	X
21					6.3	-3	160	-5.6	2.0	-0.8	2	X
22					6.8	-25	142	-4.6	3.0	-3.4	3	X
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 11, 1975							254
1					6.6	-7	123	-3.3	4.8	-1.8	3	X
2					6.7	8	153	-5.0	2.7	0.1	4	X
3					6.9	13	121	-3.2	5.5	-0.1	3	X
4					6.7	0	119	-2.9	4.9	-1.8	3	X
5					6.9	27	105	-1.4	6.0	0.5	3	X
6					6.7	27	128	-3.5	5.3	0.7	2	X
7					6.7	10	139	-4.6	4.0	-0.9	3	X
8					6.0	35	153	-3.1	2.6	1.2	4	X
9												
10					6.0	31	166	-4.4	2.4	1.6	3	X
11					6.6	-3	129	-3.8	3.7	-3.0	2	X
12					6.5	-10	162	-5.6	0.9	-1.8	3	X
13					6.5	-16	181	-5.8	-1.0	-1.3	3	X
14					6.5	8	155	-4.4	2.2	-0.5	4	X
15					6.3	5	128	-3.0	3.6	-1.6	4	X
16					6.6	-5	114	-2.5	4.9	-3.1	2	X
17					6.9	-2	122	-3.3	4.8	-2.3	3	X
18					7.5	-22	142	-4.5	2.5	-3.4	5	X
19					6.8	-15	113	-1.6	3.4	-2.2	5	X
20					6.1	-23	123	-2.5	3.2	-2.8	4	X
21					5.9	-28	129	-2.4	2.4	-2.6	4	X
22					6.0	12	134	-2.6	2.8	0.2	5	X
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 13, 1975							256
1												
2												
3												
4					5.1	30	145	-2.4	3.0	1.0	4	X
5					4.6	-4	166	-3.5	0.8	-0.5	3	X
6					4.4	-25	184	-2.9	-0.8	-1.2	3	X
7					4.5	15	178	-3.1	0.5	0.7	3	X
8					4.1	39	182	-2.8	1.0	1.9	2	X
9					4.2	4	148	-2.6	1.5	-0.7	3	X
10	534	3.8	128	L	4.9	-18	118	-1.8	2.1	-2.8	3	X
11	542	3.3	128	L	4.5	-9	107	-1.1	2.7	-2.6	2	X
12	536	3.6	143	L	4.1	47	146	-2.1	2.7	1.4	2	X
13	530	3.1	129	L	4.2	45	110	-0.8	3.2	0.7	2	X
14	529	2.9	103	L	3.7	25	137	-2.1	2.3	0.1	2	X
15	524	3.0	98	L	3.9	28	169	-3.2	1.4	1.2	1	X
16	493	3.0	74	L	4.2	26	155	-3.4	2.2	0.9	1	X
17	452	4.2	67	L	4.0	6	137	-2.8	2.5	-0.7	1	X
18	459	5.3	62	L	4.2	35	160	-3.2	1.8	1.8	1	X
19	465	5.4	57	L	5.1	37	180	-4.1	0.9	2.9	1	X
20	460	5.6	60	L	5.3	17	180	-4.5	0.4	1.4	2	X
21	454	6.6	76	L	5.0	-37	92	-0.1	2.9	-3.6	2	X
22	471	8.9	69	J	3.9	-24	108	-0.8	2.3	-1.7	3	X
23	448	10.1	68	J								
24	443	10.0	72	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 14, 1975							257
1	451	9.3	66	J	3.7	-55	129	-0.9	0.7	-2.3	3	X
2	450	9.6	56	J	4.6	-15	69	1.4	3.3	-2.0	2	X
3	455	9.4	67	J	4.7	-40	100	-0.5	2.1	-3.2	3	X
4	462	10.3	68	J	5.7	-24	97	-0.5	3.3	-3.2	3	X
5	461	8.3	90	J	6.0	5	132	-3.6	3.7	-1.2	3	X
6	483	7.2	78	J								
7	473	8.2	129	J	5.4	23	168	-4.4	1.8	1.2	2	X
8	483	6.9	88	J	5.0	-17	112	-1.6	2.8	-3.2	2	X
9	502	5.9	95	J								
10	485	5.7	104	J	4.8	31	156	-3.5	2.7	1.1	2	X
11	485	5.6	93	J	4.8	13	159	-4.0	1.9	-0.1	2	X
12	496	5.3	97	J	5.3	-48	92	-0.1	0.6	-4.4	3	X
13	500	4.5	83	J	5.0	-32	129	-2.2	1.1	-3.4	3	J
14	497	4.3	73	J	4.8	-16	135	-2.9	1.6	-2.5	2	J
15	490	4.6	90	J	4.9	27	160	-3.8	2.2	1.1	2	J
16	493	4.8	82	J	5.3	40	158	-3.5	2.7	2.2	2	J
17	499	4.6	83	J	4.8	25	144	-3.0	2.7	0.7	2	J
18	496	4.9	81	J	4.8	16	147	-3.5	2.6	0.3	2	J
19	494	5.6	104	J	4.5	35	183	-3.4	0.6	2.3	2	J
20	492	5.6	116	J	4.0	30	172	-3.2	0.9	1.7	1	J
21	491	6.4	129	J	4.1	29	175	-3.4	0.7	1.8	1	J
22	501	6.4	78	J								
23	494	6.2	77	J	5.2	62	146	-1.9	2.1	3.9	2	J
24	487	6.9	100	J	4.9	37	161	-3.2	1.6	2.3	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 15, 1975							258
1	480	7.0	114	J	4.9	33	203	-3.4	-0.9	2.7	2	J
2	486	7.1	115	L	4.8	-12	177	-3.8	-0.0	-0.8	3	J
3	492	7.3	99	J	5.4	35	132	-2.5	3.5	1.7	3	J
4	488	8.7	104	J	5.9	-1	160	-4.7	1.6	-0.7	3	J
5	487	7.4	98	J	5.7	20	201	-3.7	-0.7	1.9	4	J
6	487	7.4	132	J	5.0	15	189	-3.8	-0.1	1.2	3	J
7	500	7.1	113	J	4.2	17	83	0.4	3.3	-0.7	3	J
8	495	7.2	115	J	4.7	21	74	0.8	3.1	-0.5	3	J
9	483	7.3	134	J	4.7	31	193	-3.8	0.5	2.4	1	J
10	486	7.1	113	J	4.7	20	195	-3.2	-0.0	1.5	3	J
11	480	6.4	103	J	5.2	11	211	-4.2	-1.5	2.2	1	J
12	480	6.1	115	J	4.7	11	205	-4.1	-1.1	1.8	1	J
13	479	6.3	105	J	4.1	18	211	-3.1	-0.9	2.0	1	J
14	476	6.1	126	J	4.1	24	207	-3.1	-0.5	2.1	2	J
15	467	5.9	135	J	4.5	22	190	-3.7	0.2	1.7	2	J
16	465	5.7	111	J	4.7	34	163	-3.4	2.0	1.7	2	J
17	456	5.2	64	J	4.2	7	160	-3.4	1.3	-0.1	2	J
18	458	4.6	67	J	4.0	-9	140	-2.8	2.0	-1.4	1	J
19	461	4.4	77	J	3.3	-24	151	-2.4	0.9	-1.6	2	J
20	462	4.6	78	J	3.2	-26	106	-0.7	2.1	-1.9	1	J
21	457	4.6	64	J	3.3	-23	121	-1.5	2.1	-1.7	1	J
22	453	4.6	63	J	3.6	-28	122	-1.6	2.2	-2.2	1	J
23	452	4.5	67	J	3.4	-21	155	-2.8	1.0	-1.4	1	J
24	442	4.9	77	J	2.7	-9	135	-1.8	1.7	-0.8	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 16, 1975							259
1	438	5.0	83	J	2.8	-13	141	-2.1	1.5	-1.0	1	J
2	430	5.2	70	J	2.8	-21	139	-1.9	1.3	-1.4	1	J
3	429	5.7	50	J	2.8	9	119	-1.1	2.1	-0.3	1	J
4	427	6.0	41	J	2.8	0	93	-0.1	2.3	-0.9	1	J
5	420	6.3	35	J	3.2	21	103	-0.6	2.7	-0.1	2	J
6	420	6.4	33	J	3.0	1	89	0.0	2.4	-1.1	1	J
7	410	6.1	33	J	3.1	33	160	-1.9	1.2	0.8	2	J
8	407	6.3	32	J	3.3	27	138	-1.9	2.2	0.2	1	J
9	405	6.6	32	J	3.3	41	127	-1.3	2.5	0.6	1	J
10	411	6.8	31	J	2.8	2	92	-0.1	1.7	-1.1	2	J
11	401	6.9	38	J	2.6	6	121	-1.2	1.7	-0.9	1	J
12	391	6.8	51	J	2.5	3	155	-2.1	0.9	-0.5	1	J
13	386	7.2	52	J	2.7	-10	149	-2.3	0.9	-1.1	1	J
14	378	6.7	42	J	3.2	5	153	-2.7	1.3	-0.5	1	J
15	377	7.0	33	J	3.9	7	141	-2.9	2.3	-0.8	1	J
16	376	7.1	29	J	3.9	15	143	-2.9	2.4	-0.1	1	J
17	374	7.9	24	J	3.7	26	169	-2.8	1.1	1.1	2	J
18	373	7.8	25	J	3.5	16	135	-1.8	1.9	0.1	2	J
19	375	7.6	26	J	4.0	51	52	1.5	2.8	2.3	1	J
20	379	9.2	25	J	4.1	34	94	-0.2	3.6	1.2	2	J
21	378	10.7	24	J	4.2	31	81	0.5	3.7	1.2	2	J
22	382	12.8	34	J	4.7	15	110	-1.5	4.2	0.3	1	J
23	390	17.3	37	J	5.1	31	110	-1.4	4.2	1.6	2	J
24	379	23.4	22	J	5.1	16	130	-3.1	3.9	0.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 17, 1975							260
1	375	27.8	16	J	5.9	31	141	-3.9	3.7	2.2	1	J
2	366	26.1	19	J	5.0	32	165	-3.8	1.6	2.1	2	J
3	368	28.8	19	J	6.1	45	179	-4.0	1.3	3.8	2	J
4	361	23.8	24	J	5.7	-32	322	2.8	-2.8	-1.3	4	J
5	369	18.2	20	J	8.4	-9	80	-1.3	6.1	-3.8	5	J
6	388	16.6	54	J	6.7	-5	250	-1.0	-2.5	0.9	6	J
7	396	19.7	61	J	4.9	1	277	0.5	-3.3	1.9	4	J
8	399	13.9	46	J	8.3	13	293	3.1	-5.3	5.4	1	J
9	398	15.1	51	J	8.6	24	292	2.9	-4.1	6.8	2	J
10	393	13.4	71	J	7.9	67	270	-0.0	1.5	7.4	3	J
11	404	12.2	64	J	8.5	67	272	0.1	1.7	8.1	2	J
12	429	11.4	120	J	9.8	45	312	4.2	-0.3	7.7	4	J
13	437	7.7	118	J	10.9	23	315	6.2	-3.2	6.6	5	J
14	456	7.4	98	J	11.1	-3	322	8.1	-5.7	2.9	4	J
15	500	7.9	165	J	11.3	-30	304	4.6	-8.3	-0.8	6	J
16	508	7.3	227	J	9.9	0	314	6.5	-6.1	3.0	3	J
17	532	6.6	272	J	9.8	-19	303	4.9	-8.1	0.2	2	J
18	524	6.5	253	J	9.3	-23	315	5.7	-6.5	-1.2	3	J
19	515	7.3	207	J	8.8	-15	329	6.9	-4.6	-0.8	3	J
20	523	7.8	229	J	8.5	-1	327	6.4	-4.0	1.0	4	J
21	524	7.7	218	J	8.2	-18	13	6.2	0.9	-2.3	4	J
22	529	5.5	160	J	8.2	-10	18	3.5	1.0	-0.9	7	J
23	501	4.6	82	J	7.9	-13	23	6.4	2.3	-2.1	2	J
24	502	5.5	121	J	8.4	-23	360	6.7	-0.6	-2.8	3	J
					SEP. 18, 1975							261
1	443	9.5	168	J	8.4	-13	8	7.1	0.6	-1.9	3	J
2	453	9.1	112	J	9.5	-4	3	8.4	0.3	-0.7	3	J
3	451	10.0	145	J	10.1	17	36	6.9	5.6	1.0	3	J
4	479	9.7	165	J	11.1	26	28	7.7	5.3	2.6	4	J
5	499	9.7	159	J	8.7	11	345	7.0	-1.2	2.0	4	J
6	500	8.7	200	J	9.6	42	22	5.3	4.2	3.7	5	J
7	539	8.5	354	J	8.9	41	31	4.3	4.3	2.5	5	J
8	547	7.8	328	J	9.1	4	348	6.0	-0.9	1.0	6	J
9	582	5.7	269	J	10.0	25	6	6.7	2.3	2.2	6	J
10	618	6.4	268	J	10.7	45	6	6.3	4.1	4.9	5	J
11	637	6.4	283	J	9.9	42	30	4.9	5.2	2.6	6	J
12	618	7.0	213	J	9.5	2	2	7.9	0.4	0.1	4	J
13	647	7.4	349	J	9.9	-13	354	6.6	-1.4	-0.9	6	J
14	592	5.4	190	J	10.3	16	12	7.2	2.4	1.0	6	J
15	604	4.9	199	J	9.8	6	2	6.9	0.6	0.5	6	J
16	604	5.7	278	J	8.5	4	360	5.7	0.2	0.4	6	J
17	607	5.9	282	J	7.3	25	6	4.6	1.3	1.8	5	J
18	618	4.5	167	J	5.5	-25	27	3.1	0.9	-2.1	3	J
19	610	4.3	153	J	5.5	9	335	4.1	-1.6	1.3	3	J
20	595	4.0	185	J	5.6	12	310	3.1	-3.3	2.0	3	J
21	562	4.2	127	J	5.6	0	333	4.7	-2.3	0.6	2	J
22	554	4.3	101	J	5.6	9	339	4.9	-1.7	1.2	2	J
23	560	4.0	113	J	5.3	0	317	3.1	-2.9	0.6	3	J
24	558	4.3	108	J	5.2	37	342	3.5	-0.5	2.9	2	J
					SEP. 19, 1975							262
1	564	4.5	105	J	5.1	39	279	0.4	-1.9	2.5	4	J
2	575	4.7	134	J	4.6	3	299	1.5	-2.6	0.9	3	J
3	555	4.6	109	J	4.7	28	331	2.9	-1.0	2.1	3	J
4	566	4.8	112	J	4.8	12	283	0.9	-3.4	2.2	2	J
5	556	5.4	147	L	4.3	37	331	1.8	-0.3	1.8	3	J
6	564	4.9	112	J	4.7	-17	268	-0.1	-3.6	0.6	3	J
7	564	5.0	122	J	4.8	21	273	0.2	-2.6	3.1	3	J
8	560	5.5	167	J	4.1	-53	314	1.0	-1.8	-1.0	3	J
9	567	5.2	129	J	3.8	-25	318	1.5	-1.6	-0.0	3	J
10	558	4.9	136	L	4.4	-12	276	0.3	-2.5	1.0	4	J
11	562	4.2	107	J	4.6	-12	277	0.4	-3.3	1.4	3	J
12	550	4.4	136	J	4.5	22	329	2.5	-0.6	1.9	3	J
13	565	4.1	129	L	4.5	-41	271	0.0	-2.4	-0.3	4	J
14	541	4.3	117	J	4.1	-32	331	1.8	-1.5	-0.6	3	J
15	548	4.6	116	J	4.6	9	320	3.0	-1.9	1.8	2	J
16	543	4.4	124	J	4.3	22	323	2.6	-1.2	2.0	2	J
17	516	4.4	190	J	4.0	19	312	2.2	-1.8	2.0	2	J
18	510	4.3	72	J	4.4	9	336	3.9	-1.4	1.2	1	J
19	531	4.8	107	J	4.6	24	280	0.6	-2.7	2.4	3	J
20	502	4.6	96	J	4.4	16	326	2.8	-1.6	1.4	3	J
21	492	4.5	89	J	4.5	11	330	3.4	-1.7	1.2	2	J
22	485	4.9	98	J	4.8	12	345	4.3	-0.9	1.2	2	J
23	488	5.1	119	J	5.0	16	335	4.2	-1.6	1.7	2	J
24	489	5.1	110	J	4.9	22	295	1.4	-2.7	2.0	3	J
					SEP. 20, 1975							263
1	503	4.9	85	J	4.9	54	284	0.6	-1.6	4.0	2	J
2					4.7	26	320	2.8	-1.8	2.3	2	J
3	444	3.6	64	J	5.1	-4	353	4.9	-0.7	-0.1	2	J
4	455	4.3	84	J	5.1	-1	5	4.6	0.3	-0.2	2	J
5	454	4.9	80	J	5.0	16	337	3.9	-1.0	1.8	2	J
6	457	5.3	75	J	5.3	21	339	4.1	-0.7	2.2	2	J
7	447	4.7	59	J	5.1	5	353	4.7	-0.3	0.7	1	J
8	448	4.9	66	J	5.4	28	346	4.5	0.3	2.7	1	J
9	486	5.0	83	J	5.9	18	274	0.3	-3.0	3.7	3	J
10	493	5.2	85	J	6.4	36	265	-0.4	-2.1	5.9	1	J
11					5.3	-11	318	3.5	-3.1	1.1	2	X
12					5.0	-9	309	2.9	-3.3	1.4	2	X
13					4.7	9	333	3.8	-1.3	1.5	2	X
14					5.0	1	300	2.2	-3.3	2.1	2	X
15					4.3	-9	330	2.9	-1.7	0.4	3	X
16					5.0	-37	329	2.7	-2.5	-1.4	3	X
17					4.4	-6	334	2.4	-1.2	0.2	4	X
18					3.8	-18	23	2.1	0.6	-1.1	3	X
19					4.7	33	22	2.7	1.6	1.5	3	X
20	501	6.1	127	J	4.2	7	119	-1.9	3.5	-0.4	1	J
21	474	6.7	134	J	4.2	3	72	1.0	3.0	-0.5	3	J
22					4.3	3	10	2.2	0.4	0.0	4	J
23					4.0	20	304	0.9	-1.2	0.9	4	J
24					4.9	-1	329	3.6	-2.1	0.4	3	X
					SEP. 21, 1975							264
1					5.0	9	308	2.4	-2.9	1.3	3	J
2					4.5	-28	311	2.2	-2.9	-1.1	3	J
3					5.6	31	247	-1.1	-2.0	2.4	5	J
4	456	6.3	83	J	5.3	23	259	-0.7	-2.8	2.7	4	J
5	462	6.3	66	J	5.4	22	248	-1.7	-3.1	3.4	2	J
6	459	6.2	84	J	4.9	18	258	-0.8	-2.6	2.6	3	J
7	455	6.5	119	J	4.6	7	264	-0.5	-3.5	2.6	1	J
8												
9	471	7.3	86	J	5.2	2	259	-0.9	-3.8	2.7	2	J
10	435	5.8	73	J	5.9	-22	298	2.3	-4.6	0.8	3	J
11	415	4.0	45	J	6.9	3	317	4.7	-3.4	2.8	2	J
12	412	4.2	51	J								
13	407	4.4	49	J								
14												
15												
16												
17												
18												
19												
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21												
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24												
					SEP. 22, 1975							265
1												
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7												
8												
9												
10												
11												
12					5.4	20	348	3.9	0.2	1.7	3	X
13					5.3	27	340	3.7	0.0	2.4	3	X
14					4.9	19	319	2.7	-1.4	2.4	3	X
15					4.5	7	271	0.0	-2.4	1.8	4	X
16					4.6	24	265	-0.3	-2.2	2.7	3	X
17					4.3	-12	222	-2.7	-2.5	0.3	2	X
18					3.9	4	234	-2.0	-2.5	1.1	2	X
19					4.5	14	267	-0.5	-3.2	2.0	3	X
20					4.5	-4	245	-1.5	-3.2	0.6	3	X
21					3.6	6	268	-0.1	-2.2	0.7	3	X
22												
23												
24					3.9	-2	277	0.4	-3.2	0.6	2	X
					SEP. 23, 1975							266
1					4.1	-40	310	1.4	-2.1	-1.4	3	X
2					4.8	-36	302	1.8	-3.6	-1.6	2	X
3					4.6	-11	319	3.1	-2.8	0.1	2	X
4					4.2	15	343	3.4	-0.6	1.2	2	X
5					4.5	29	358	3.6	0.7	1.9	2	X
6					4.5	22	7	4.0	1.2	1.2	1	X
7												
8												
9					3.8	-11	346	2.9	-1.0	-0.1	2	X
10					3.7	-25	341	2.9	-1.6	-0.6	2	X
11					3.6	-12	334	3.0	-1.6	0.3	1	X
12					3.7	1	306	2.1	-2.3	1.7	1	X
13					4.1	11	291	1.4	-2.6	2.7	1	X
14					4.0	24	308	1.8	-1.3	2.3	3	X
15					4.5	9	322	3.3	-1.9	1.9	1	X
16					4.3	-1	308	2.5	-2.9	1.3	2	X
17					4.2	-9	275	0.3	-3.6	0.9	2	X
18					3.9	-7	261	-0.6	-3.5	0.9	1	X
19					3.7	-9	241	-1.5	-2.7	0.3	2	X
20					4.0	11	341	3.3	-0.9	1.0	2	X
21					3.5	11	303	1.7	-2.4	1.2	2	X
22					3.6	-4	243	-1.6	-3.0	0.4	1	X
23					3.6	-6	277	0.4	-3.3	0.3	1	X
24					3.8	2	264	-0.4	-3.5	0.9	1	X
					SEP. 24, 1975							267
1					3.7	19	248	-1.3	-2.8	1.9	1	X
2					3.4	8	291	1.1	-2.7	1.2	2	X
3					3.2	-4	298	1.4	-2.6	0.6	1	X
4					3.4	-16	325	2.5	-2.0	-0.2	1	X
5					3.3	-28	347	2.7	-1.1	-1.1	1	X
6					2.5	-10	24	2.1	0.6	-0.8	1	X
7												
8												
9					3.5	4	322	2.6	-1.6	1.3	1	X
10					3.5	-10	317	2.5	-2.2	0.8	1	X
11					3.5	-23	301	1.6	-3.0	0.5	1	X
12					3.4	-16	283	0.7	-3.0	1.0	1	X
13					3.6	-33	262	-0.4	-3.5	0.0	1	X
14					4.3	2	304	2.2	-2.7	1.9	2	X
15					4.4	8	326	3.5	-1.7	1.6	1	X
16					4.2	7	320	3.2	-2.1	1.6	1	X
17					3.8	12	335	3.2	-1.1	1.3	1	X
18					3.8	7	330	3.0	-1.4	1.1	2	X
19					3.6	-2	325	2.9	-1.9	0.5	1	X
20					3.7	11	337	3.1	-1.1	0.9	2	X
21												
22												
23					1.7	29	312	0.8	-0.7	0.9	1	X
24					3.0	-8	293	1.0	-2.4	0.1	2	X

09/25/75 - 10/02/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 25, 1975							268					SEP. 26, 1975							269
1					3.2	-1	313	2.1	-2.1	0.5	1	X												
2					2.9	-11	310	1.7	-2.1	0.0	2	X	317	23.6	26	L								
3					1.7	-39	100	-0.1	0.3	-0.6	2	X	330	23.5	16	J								
4					1.3	10	119	-0.6	1.0	-0.2	1	X	330	21.9	17	J								
5					1.5	-15	118	-0.6	0.9	-0.8	1	X	326	19.0	28	J								
6					1.6	-21	117	-0.6	0.9	-1.0	1	X	325	18.6	32	J								
7													326	19.4	33	J								
8													335	20.1	28	J								
9					2.1	45	77	0.3	1.8	0.4	1	X	334	21.9	31	J								
10					2.3	35	66	0.7	2.1	0.1	1	X	336	25.7	41	J								
11					2.4	20	112	-0.7	1.9	-0.5	1	X	352	26.8	54	J								
12					2.3	23	126	-1.1	1.7	-0.2	1	X	357	28.4	52	J								
13					2.4	36	76	0.4	2.1	0.2	1	X	351	26.2	50	J	7.4	-25	111	-2.0	2.9	-5.0	4	J
14					2.5	33	60	1.0	2.2	0.2	1	X	357	27.6	48	J	8.8	-35	101	-1.1	2.7	-6.5	5	J
15					2.5	33	22	1.8	1.2	0.8	1	X	374	25.5	59	J	7.8	-31	91	-0.1	3.4	-5.9	4	J
16					3.6	40	331	1.8	-2.1	2.0	3	X	371	23.2	53	J	8.8	-7	107	-2.5	6.9	-4.6	2	J
17					2.9	4	98	-0.4	2.6	-0.9	1	X	365	26.4	55	J	8.3	20	123	-3.8	6.4	0.0	4	J
18	328	19.6	22	L	3.4	48	102	-0.4	2.5	1.3	2	X	373	24.8	67	J	8.3	13	126	-4.3	6.1	-0.5	3	J
19	323	16.8	23	L	3.8	50	112	-0.8	2.5	1.7	2	X	393	21.3	77	J	9.5	49	162	-5.4	3.7	5.7	4	J
20					4.0	30	127	-2.0	3.1	1.1	1	X	395	17.4	79	J	10.3	9	126	-5.3	7.5	-0.6	5	J
21	317	14.2	21	L	3.4	30	116	-1.1	2.5	0.8	2	X	413	16.9	61	J	10.1	-3	86	0.7	9.2	-2.7	3	J
22	322	14.5	23	L									412	16.7	54	J	9.9	-2	84	1.0	9.1	-2.3	3	J
23													429	14.6	69	J	10.3	-2	43	6.2	5.6	-1.5	6	J
24													417	15.8	70	J	9.9	3	21	9.0	3.5	-0.2	2	J
					SEP. 27, 1975							270					SEP. 28, 1975							271
1	403	14.9	56	J	9.4	0	89	0.1	7.1	-1.7	6	J	399	11.0	82	J	3.9	-14	178	-3.7	-0.1	-0.9	1	J
2	381	14.2	44	J	9.6	-10	123	-5.1	7.1	-3.7	2	J	399	12.2	78	J	3.9	-9	193	-3.8	-1.0	-0.4	0	J
3	377	13.3	70	J	8.0	-11	120	-3.8	5.8	-3.4	3	J	389	11.1	54	J	4.3	-5	193	-4.2	-1.0	-0.1	0	J
4	373	12.7	45	J	9.3	-15	127	-5.3	5.8	-4.7	2	J	378	8.8	60	J	4.9	-10	209	-4.2	-2.5	0.0	1	J
5	372	10.8	37	J	10.3	-3	118	-4.8	6.0	-4.1	1	J	377	9.0	49	J	4.7	-7	206	-4.1	-2.1	0.3	1	J
6	367	12.5	36	J	9.1	2	114	-3.7	7.5	-3.4	1	J	377	10.2	50	J	4.1	19	233	-2.0	-1.9	2.2	3	J
7	366	15.1	32	J	8.3	4	106	-2.3	7.2	-3.4	1	J	365	12.6	38	J	3.5	3	338	2.4	-0.8	0.6	2	J
8	367	14.4	24	J	8.5	12	93	-0.4	8.0	-2.8	1	J	369	12.3	37	J	3.2	3	27	2.6	1.2	-0.6	1	J
9	365	13.2	30	J	8.6	1	107	-2.5	6.8	-4.3	2	J	367	13.2	34	J	4.0	0	27	3.4	1.4	-0.9	1	J
10	369	15.8	35	J	7.7	4	106	-2.0	6.1	-3.5	2	J	362	13.6	42	J	3.9	0	37	2.6	1.6	-1.1	2	J
11	366	15.6	40	J	7.1	-1	83	0.7	4.9	-3.5	4	J	372	11.9	45	J	4.0	-14	354	3.2	-0.7	-0.5	2	J
12	361	15.5	35	J	7.3	-1	134	-5.0	4.2	-3.0	1	J	383	12.2	42	J	3.7	-14	0	3.5	-0.5	-0.7	1	J
13	371	14.9	27	J	8.0	-4	129	-5.0	4.9	-3.9	1	J	390	9.7	29	J	4.1	-11	347	3.8	-1.2	-0.2	1	J
14	365	20.0	36	J	6.0	-24	109	-1.7	2.9	-4.5	2	J	382	14.3	35	J	5.1	-11	321	3.7	-3.0	0.8	2	J
15	369	14.6	28	J	8.1	-15	111	-2.7	5.2	-5.3	2	J	383	13.7	42	J	4.9	-54	27	1.3	-0.4	-2.1	4	J
16	374	14.0	38	J	7.6	-18	114	-2.9	4.7	-4.9	2	J	378	9.7	37	J	6.8	-20	87	0.3	4.6	-4.8	1	J
17	375	13.5	39	J	7.2	-14	113	-2.7	5.2	-4.2	1	J	378	16.1	37	J	4.8	79	28	0.7	1.9	3.5	3	J
18	372	15.5	37	J	5.5	-13	133	-3.5	3.1	-2.4	2	J	372	15.7	34	J	2.8	58	308	0.6	-0.2	1.6	2	J
19	379	12.6	37	J	7.2	-9	134	-4.9	4.5	-2.6	2	J	376	13.2	32	J	3.8	26	165	-3.2	1.3	1.3	1	J
20	382	12.1	41	J	7.3	3	150	-6.2	3.6	-0.6	1	J	376	12.1	34	J	4.2	23	165	-3.7	1.4	1.3	1	J
21	395	13.9	46	J	5.4	25	178	-4.7	0.7	2.1	2	J	372	10.7	49	J	5.3	17	167	-4.9	1.5	1.2	1	J
22	407	14.2	64	J	2.5	54	235	-0.7	-0.6	1.8	2	J	358	7.0	42	J	6.5	26	167	-5.6	1.9	2.5	1	J
23	414	12.6	73	J	2.8	49	239	-0.9	-1.0	2.2	1	J	371	6.3	38	J	6.4	-6	129	-3.4	4.0	-1.4	3	J
24	415	13.2	68	J	2.6	7	177	-2.3	0.2	0.2	1	J	378	6.3	50	J	5.9	-10	122	-3.0	4.4	-2.0	2	J
					SEP. 29, 1975							272					SEP. 30, 1975							273
1	368	5.4	31	J	6.4	15	141	-4.7	4.0	0.7	2	J	354	5.8	55	J	3.6	19	157	-3.0	1.5	0.8	1	J
2	365	5.3	32	J	6.7	32	150	-4.8	3.6	2.6	1	J	357	6.1	42	J	3.4	11	149	-2.9	1.8	0.2	0	J
3	364	5.3	30	J	6.4	25	159	-5.1	2.6	1.8	2	J	355	6.6	34	J	3.3	1	150	-2.8	1.5	-0.4	1	J
4	364	5.6	32	J	5.6	13	146	-4.0	2.9	0.1	2	J	350	5.9	35	J	3.1	-5	158	-2.8	1.0	-0.6	1	J
5	364	5.4	36	J	5.1	19	153	-4.1	2.6	0.6	1	J	340	5.9	36	J	3.0	-9	159	-2.7	0.8	-0.8	1	J
6	392	6.8	50	J	3.7	5	123	-1.5	2.2	-0.8	2	J	340	6.7	35	J	2.9	-17	158	-2.6	0.6	-1.2	0	J
7	379	6.8	67	J	3.4	1	156	-2.8	1.1	-0.6	2	J	343	6.9	22	J	2.6	-19	153	-2.2	0.6	-1.3	0	J
8	380	6.4	57	J	3.4	-6	144	-2.3	1.2	-1.1	2	J	340	6.8	24	J	2.6	-12	154	-2.2	0.6	-1.0	1	J
9	373	6.2	41	J	3.8	-4	144	-2.9	1.6	-1.4	1	J	339	6.9	23	J	2.5	-5	159	-2.2	0.6	-0.6	1	J
10	372	6.2	33	J	3.9	-8	139	-2.8	1.7	-1.8	1	J	334	6.1	19	J	2.1	2	164	-1.7	0.4	-0.2	1	J
11	367	6.4	27	J	4.1	-4	148	-3.3	1.5	-1.4	1	J	332	7.7	16	J	2.3	-6	161	-2.0	0.4	-0.6	1	J
12	369	7.0	30	J	4.1	2	147	-3.3	1.8	-1.1	1	J	332	9.0	13	J	2.1	-23	170	-1.8	-0.2	-0.8	1	J
13	367	6.9	32	J	4.1	8	155	-3.5	1.7	-0.4	1	J	331	9.1	12	J	1.8	-12	158	-1.6	0.3	-0.7	0	J
14	363	6.4	28	J	4.1	13	165	-3.8	1.3	0.2	1	J	327	8.5	11	J	1.7	-9	145	-1.4	0.7	-0.7	0	J
15	360	6.7	32	J	4.1	13	169	-3.8	1.1	0.4	1	J	321	8.1	11	J	1.4	3	137	-1.0	0.9	-0.4	0	J
16	359	6.7	34	J	4.3	16	166	-3.9	1.4	0.6	1	J	321	8.4	13	J	1.6	-11	150	-1.3	0.5	-0.6	1	J
17	366	7.2	28	J	4.4	-3	141	-3.1	2.2	-1.2	2	J	321	8.6	13	J	1.8	-2	166	-1.6	0.3	-0.2	1	J
18	367	6.9	32	J	3.4	10	146	-2.3	1.6	-0.1	2	J	313	7.5	11	L	1.7	11	166	-1.5	0.5	0.2	1	J
19	367	7.4	32	J	3.0	-1	132	-1.9	2.0	-0.7	1	J	314	8.3	11	L	1.6	7	160	-1.3	0.5	0.0	1	J
20	364	7.1	39	J	3.3	-23	107	-0.6	1.7	-1.4	2	J	313	10.5	11	L	1.3	-25	194	-1.0	-0.4	-0.4	1	J
21	356	6.7	51	J	3.9	18	149	-3.1	2.1	0.7	1	J	314	11.7	9	L	1.8	-28	160	-1.5	0.3	-0.9	0	J
22	359	6.2	40	J	4.0	20	142	-2.9	2.5	0.8	1	J	315	13.2	9	L	2.0	-51	167	-1.2	-0.0	-1.5	1	J
23	359	5.7	46	J	3.9	15	144	-3.0	2.4	0.5	1	J	318	16.8	8	L	1.5	-14	134	-0.8	0.8	-0.5	1	J
24	355	5.9	59	J	3.8	13	153	-3.1	1.7	0.5	1	J	318	20.2	9	L	0.7	35	336	0.3	-0.1	0.3	1	J
					OCT. 1, 1975							274					OCT. 2, 1975							275
1	320	21.2	12	L	3.8	-9	297	1.3	-2.5	0.1	3	J	296	10.9	33	L	4.1	5	333	3.4	-1.6	0.7	1	J
2	322	15.4	10	L	5.7	-63	265	-0.2	-3.7	-4.2	1	J	290	10.6	26	L	4.1	-7	333	3.6	-1.9	-0.0	1	J
3	323	15.3	14	L	6.2	-41	277	0.5	-5.0	-2.2	3	J	285	10.6	26	L	3.3	-5	286	0.8	-2.9	0.6	1	J
4	326	14.8	21	L	5.6	-33	263	-0.5	-5.1	-1.2	2	J	280	10.6	22	L	3.3	-7	256	-0.8	-3.1	0.7	0	J
5	322	14.6	25	L	5.8	-21	287	1.3	-4.5	0.1	3	J	284	10.1	12	L								
6	321	12.5	31	L	6.6	16	289	2.1	-4.6	4.3	1	.	281	13.1	10	L								
7	323	9.8	37	L	7.2	25	302	3.4	-3.3	5.2	1	J	275	15.5	9	L								
8	328	10.0	40	L	6.5	38	311	2.4	-0.9	3.9	5	J	271	13.5	9	L								
9	340	13.2	43	L	5.0	-41	146	-3.0	-0.0	-3.7	2	J	269	13.9	9	L	1.9	26	174	-1.5	0.5	0.5	1	J
10	340	13.5	52	L	4.3	-39	154	-2.8	-0.3	-2.8	2	J	267	12.4	9	L	1.9	-28	207	-1.5	-1.1	-0.3	1	J
11	330	11.2	66	L	2.7	-48	97	-0.0	0.1	-0.6	3	J	269	11.6	8	L								
12	335	10.1	68	L	4.3	13	306	1.6	-1.5	1.8	3	J	269	10.6	8	L								
13	336	9.8	58	L	4.7	51	342	2.8	1.2	3.5	1	J	265	12.4	7	L								
14	342	9.0	65	L	4.4	5	276	0.4	-3.1	2.3	2	J	265	12.2	7	L								
15	345	9.0	63	L	3.3	-26	236	-1.6	-2.8	-0.1	1	J	266	13.2	7	L								
16	332	8.8	55	L	3.0	-52	341	1.5	-1.4	-1.6	2	J	274	0.0	0	H								
17	326	9.4	52	L	2.9	-28	1	2.2	-0.4	-1.1	2	J	275	0.0	0	H	2.1	47	48	1.0	1.6	0.9	0	X
18	322	9.1	54	L									277	0.0	0	H	1.8	43	55	0.7	1.4	0.8	0	X
19	326	11.4	49	L	3.7	-3	9	3.5	0.5	-0.3	1	J	277	0.0	0	H	1.9	49	220	-1.0	-0.3	1.6	0	J
20	319	12.4	51	L	3.2	0	12	2.7	0.6	-0.2	2	J												
21	317	10.5	42	L	4.0	9	13	3.6	0.9	0.4	2	J	280	0.0	0	H	4.1	-76	215	-0.8	-1.5	-3.7	0	J
22	312	12.0	45	L	4.7	-4	39	3.6	2.8	-0.9	1	J	286	16.6	10	L	2.7	76	357	0.5	0.4	2.1	2	J
23	311	12.6	45	L	4.1	1	11	3.9	0.8	-0.1	1	J	285	15.8	12	L	1.8	88	222	0.0	0.3	1.4	1	X
24					3.6	3	11	3.4	0.7	0.0	1	J					1.5	-42	352	0.8	-0.2	-0.7	1	X

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 3, 1975							276					OCT. 4, 1975							277
1	293	19.4	14	J	2.9	8	314	1.2	-1.1	0.5	2	J												
2	292	20.3	16	J	2.9	72	329	0.7	3.3	2.7	1	J												
3	288	19.2	16	J	3.2	54	336	1.1	-0.7	2.8	1	J												
4	284	16.7	18	J	3.5	41	314	1.7	-0.9	2.7	1	J												
5	281	16.1	18	J	3.7	11	307	2.2	-2.4	1.8	0	J												
6					4.1	30	308	2.0	-1.4	2.7	2	X												
7	330	27.7	23	J	4.6	45	296	1.3	-0.9	3.6	2	J												
8	301	30.3	22	J	4.2	49	324	2.2	0.3	3.5	1	J												
9	299	30.7	23	J	4.0	7	328	2.8	-1.2	1.3	2	J												
10	291	22.5	25	J	4.6	-27	113	-1.3	1.6	-3.2	3	J												
11	297	21.5	25	J	4.6	-33	98	-0.5	1.6	-3.9	2	J												
12	302	24.5	23	J	6.2	-45	91	-0.1	1.2	-6.0	1	J												
13					8.3	20	320	5.6	-2.5	4.8	3	J												
14																								
15																								
16																								
17																	3.5	-2	153	-2.3	1.1	-0.6	3	X
18																	3.4	17	126	-1.6	2.3	0.0	2	X
19																	3.9	-9	119	-1.8	2.9	-1.5	1	X
20																	4.0	4	138	-2.2	2.0	-0.3	3	X
21																								
22																								
23																								
24																								
					OCT. 6, 1975							279					OCT. 7, 1975							280
1																	10.0	6	127	-5.6	7.4	-0.7	4	X
2																	9.7	-21	117	-3.5	6.0	-4.8	5	X
3																	9.3	-17	107	-2.1	5.9	-4.2	6	X
4																	8.4	-28	132	-2.7	2.2	-3.0	7	X
5																	8.7	-16	130	-4.1	3.8	-3.6	6	X
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								
16																								
17					9.5	-23	116	-3.3	5.1	-5.7	5	X					9.6	-9	131	-6.0	5.8	-3.9	3	X
18					9.5	-7	135	-4.8	4.2	-2.4	7	X					9.1	0	112	-3.2	7.4	-2.5	4	X
19					9.5	-8	118	-3.7	6.5	-3.1	5	X					9.3	-12	138	-6.2	4.8	-3.2	4	X
20					9.7	-2	134	-6.2	6.2	-1.9	4	X												
21																	10.7	15	106	-2.4	8.4	0.4	6	X
22																	9.9	2	140	-6.2	5.3	-0.8	6	X
23					8.8	29	121	-3.6	6.6	2.5	4	X												
24					9.2	13	122	-4.5	7.5	0.5	3	X												
					OCT. 8, 1975							281					OCT. 9, 1975							282
1					9.9	-12	128	-4.7	5.5	-2.9	6	X	591	7.8	226	J	6.9	26	188	-4.8	-0.2	2.5	4	X
2					8.6	10	86	0.5	7.0	-0.6	5	X	601	6.8	202	J	6.9	66	153	-1.4	1.6	3.3	6	X
3													604	6.6	217	J	6.4	-42	203	-2.9	-2.0	-2.3	5	X
4													625	5.3	200	J								
5													627	4.7	157	J								
6													624	4.5	142	J	7.5	-28	160	-5.5	0.4	-3.8	4	X
7													625	4.3	141	J	7.2	-13	153	-5.5	1.7	-2.5	4	X
8													621	4.7	171	J	7.1	-23	84	0.6	3.7	-5.1	3	X
9													635	4.4	210	J								
10													602	3.9	126	J								
11	514	7.6	113	J									597	3.9	143	J								
12	538	7.4	105	J									614	4.0	149	J								
13	521	6.9	90	J									620	4.5	179	J								
14	522	7.0	122	J									595	4.5	187	J								
15	518	7.3	135	J									611	4.3	155	J								
16	513	7.0	109	J									604	4.3	152	J								
17	535	7.3	206	J	8.2	-2	156	-7.1	2.8	-1.4	3	X	610	4.3	147	J								
18	546	7.6	192	J	8.3	-1	131	-4.2	4.6	-1.7	5	X	622	4.0	158	J								
19	544	7.3	171	J									630	4.2	157	J	4.9	-3	116	-2.0	3.6	-1.3	2	J
20	549	7.0	160	J									616	4.0	137	J	5.0	1	122	-2.3	3.6	-0.9	2	J
21	577	7.1	166	J									616	4.3	146	J	5.0	-18	165	-2.8	0.5	-1.1	4	J
22	586	7.3	183	J	9.0	-32	127	-3.5	3.9	-4.6	6	X	624	3.9	130	J	5.2	-23	116	-1.9	3.5	-2.6	2	J
23	589	6.6	198	J	7.9	-9	113	-2.3	4.9	-1.9	6	X	637	3.9	130	J	5.7	-12	95	-0.4	4.6	-2.0	3	J
24	595	7.0	209	J	7.3	-27	123	-2.2	2.9	-2.7	6	X	629	3.8	127	J	5.6	-6	100	-0.9	4.7	-1.5	2	J
					OCT. 10, 1975							283					OCT. 11, 1975							284
1	627	3.4	122	J	5.5	0	93	-0.3	5.1	-1.1	2	J	547	3.4	118	J	4.2	2	173	-3.2	0.4	0.0	3	J
2	624	3.4	116	J	5.3	10	103	-1.1	4.8	-0.3	2	J	541	3.6	125	J	4.4	-7	161	-3.5	1.0	-0.7	2	J
3	609	3.7	136	J	5.2	8	116	-2.0	4.0	-0.6	2	J	523	3.6	156	J	4.5	5	177	-4.4	0.3	0.3	1	J
4	610	3.6	134	J	5.2	-9	123	-2.4	3.3	-1.9	3	J	514	3.3	153	J	4.3	14	180	-4.1	0.3	1.0	1	J
5	617	3.6	127	J	5.2	-34	116	-1.5	1.9	-3.2	3	J	512	3.7	95	J	4.9	11	177	-4.7	0.6	0.7	1	J
6	608	3.6	122	J	4.9	-46	135	-1.9	0.5	-3.4	3	J	514	3.6	121	J	4.3	-3	197	-4.0	-1.2	0.3	1	J
7	594	3.7	158	J	4.7	-27	143	-3.1	1.1	-2.9	2	J	512	3.6	85	J	4.5	5	198	-4.2	-1.0	1.0	1	J
8	584	4.4	264	J	4.8	6	179	-4.4	0.3	0.4	2	J	513	3.7	92	J	5.0	32	189	-4.0	0.8	2.5	1	J
9	602	3.5	145	J	4.7	-26	139	-0.9	1.5	-2.7	3	J	527	3.9	118	J	4.6	29	188	-2.8	0.5	1.5	3	J
10	594	4.0	103	J	5.1	15	195	-4.7	-0.3	1.8	1	J	520	3.9	121	J	4.6	29	204	-3.5	-0.1	2.6	1	J
11	591	4.2	109	J	5.4	10	198	-5.0	-0.8	1.7	1	J	500	3.6	53	J	4.5	8	177	-4.4	0.5	0.4	1	J
12	577	4.1	149	J	5.5	2	195	-4.8	-1.0	0.9	2	J	501	4.1	56	J	5.4	11	166	-5.1	1.6	0.2	1	J
13	578	4.0	173	J	4.5	-41	170	-3.0	-1.0	-2.6	2	J	506	5.3	67	J	5.2	-14	188	-4.0	-1.0	-0.6	3	J
14	571	3.6	100	J	4.3	-20	154	-3.0	0.6	-1.8	3	J	497	4.8	61	J	5.2	14	199	-4.5	-0.7	1.8	2	J
15	564	3.4	112	J	4.7	27	171	-3.4	1.3	1.3	3	J	490	4.4	85	J	4.8	9	186	-4.6	-0.1	0.9	1	J
16	562	3.5	134	L	4.3	-25	147	-2.1	0.7	-1.6	3	J	491	5.1	75	J	4.6	22	189	-3.6	0.1	1.6	3	J
17	559	4.1	74	J	4.0	-26	166	-3.3	0.1	-1.9	1	J	489	4.3	89	J	4.3	-10	165	-3.8	0.7	-1.0	1	J
18	560	3.9	78	J	3.8	-20	164	-3.1	0.4	-1.4	2	J	493	4.2	87	J	4.4	-20	191	-3.8	-1.2	-1.1	2	J
19	571	4.0	111	J	3.7	-29	143	-1.6	0.8	-1.4	3	J	492	4.5	85	J	5.1	-39	189	-3.8	-1.4	-2.8	1	J
20	571	3.8	120	J	3.7	-28	119	-1.2	1.7	-1.7	2	J	483	4.9	111	J	4.8	-23	184	-4.1	-0.7	-1.6	1	J
21	549	3.4	83	J	4.2	-26	152	-2.9	1.2	-1.9	2	J	494	4.8	110	J	4.9	-28	130	-2.5	2.5	-2.7	2	J
22	560	3.4	105	J	4.3	-13	220	-2.7	-2.4	-0.4	2	J	511	4.5	98	J	5.1	7	86	0.3	4.2	-0.3	3	J
23	563	3.5	105	J	4.3	-32	216	-2.2	-1.9	-1.4	3	J	490	4.3	121	J	4.7	-21	117	-1.8	3.2	-2.2	2	J
24	551	3.4	108	J	4.3	-29	209	-3.0	-2.0	-1.5	2	J	454	3.7	46	J	4.9	-1	168	-4.4	0.9	-0.3	2	J

10/12/75 - 10/21/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 12, 1975							285
1	461	4.1	74	J	4.8	32	136	-3.4	2.0	2.0	2	J
2	490	5.2	66	J	5.2	-27	105	-1.1	3.5	-3.2	2	J
3	475	5.0	102	J	5.4	23	120	-2.1	4.0	0.7	3	J
4	464	5.1	88	J	5.5	-9	133	-3.3	3.1	-1.9	2	J
5	458	4.7	78	J	5.6	-8	128	-3.0	3.3	-2.1	3	J
6	460	4.6	89	J	5.1	-8	133	-3.0	2.7	-2.0	2	J
7	435	4.3	94	J	5.5	-18	164	-4.7	0.4	-2.0	2	J
8	442	4.1	91	J	5.4	-15	141	-3.8	1.9	-2.7	2	J
9	432	4.0	86	J	5.3	-15	145	-4.0	1.6	-2.6	2	J
10	414	3.3	44	J	5.2	-10	166	-4.8	0.5	-1.4	1	J
11	412	3.5	43	J	5.8	-24	170	-5.0	-0.5	-2.4	2	J
12	404	3.3	38	J	6.2	-7	196	-5.8	-1.8	0.3	1	J
13	407	4.1	51	J	5.9	-6	170	-5.5	0.5	-1.0	2	J
14	406	4.1	57	J	5.3	-1	179	-3.2	0.0	-0.1	4	J
15	429	6.6	70	L	5.2	-17	63	1.6	2.2	-2.4	4	J
16	416	6.6	58	L	5.1	-22	67	1.2	2.0	-2.3	4	J
17	418	5.7	64	L	5.1	-4	93	-0.2	3.9	-1.9	2	J
18	421	4.9	54	L	5.9	-74	321	0.6	-1.4	-2.6	5	J
19	401	5.7	67	L	5.5	-23	190	-3.8	-1.1	-1.4	4	J
20	389	5.2	65	L	5.4	0	67	0.9	2.0	-0.5	5	J
21	402	5.6	50	J	5.4	14	99	-0.7	4.7	0.2	3	J
22	394	6.1	54	J	5.5	9	109	-1.6	4.6	-0.1	2	J
23	382	5.8	57	J	5.4	6	130	-2.9	3.5	-0.2	3	J
24	373	5.1	49	J	4.8	-23	156	-3.4	1.2	-1.9	2	J
					OCT. 13, 1975							286
1	397	4.9	50	J	5.3	12	98	-0.6	4.7	-0.0	2	J
2	392	5.2	55	J	4.5	26	118	-1.6	3.4	0.9	2	J
3	395	4.4	55	J	5.2	27	124	-2.2	3.7	1.0	3	J
4	399	5.1	42	J	5.3	3	104	-1.3	4.8	-1.4	1	J
5	396	5.5	42	J	5.4	3	101	-1.0	4.8	-1.7	1	J
6	397	4.8	39	J	5.7	19	94	-0.4	5.4	-0.6	2	J
7	413	4.9	38	J	5.5	6	95	-0.3	3.7	-1.5	4	J
8	370	5.3	44	J	5.0	13	152	-4.2	2.5	-0.2	1	J
9	374	6.4	39	J	4.7	8	127	-2.7	3.4	-1.4	1	J
10	378	6.7	44	J	5.0	15	130	-2.9	3.6	-0.9	2	J
11	369	6.5	52	J	4.7	4	129	-2.9	3.1	-1.7	1	J
12	366	6.3	56	J	4.8	7	138	-3.5	2.9	-1.2	1	J
13	373	7.3	32	J	4.6	11	113	-1.6	3.7	-1.4	2	J
14	371	7.7	41	J	4.8	-18	90	0.0	2.9	-3.2	2	J
15	364	8.4	50	J	3.7	7	121	-1.5	2.4	-0.9	2	J
16	368	8.7	43	J	3.5	-3	122	-1.7	2.4	-1.3	1	J
17	361	8.7	55	J	3.3	2	147	-2.7	1.7	-0.5	1	J
18	369	8.6	44	J	3.6	3	75	0.4	1.6	-0.4	3	J
19	373	8.7	36	J	3.9	6	57	2.0	3.1	-0.5	1	J
20	354	8.1	45	J	3.8	-10	110	-1.0	2.7	-1.2	2	J
21	353	7.7	40	J	4.2	-2	104	-0.7	2.9	-0.7	3	J
22	352	6.5	29	J	3.9	-25	135	-2.4	2.1	-2.0	1	J
23	360	6.2	26	J	5.3	-7	79	1.0	4.9	-1.6	1	J
24	357	6.3	24	J	5.4	-13	74	1.5	4.7	-2.2	1	J
					OCT. 14, 1975							287
1	325	6.7	30	J	5.2	1	128	-2.7	3.4	-0.6	3	J
2	316	6.8	33	J	5.0	20	170	-4.6	1.2	1.5	1	J
3					5.0	29	182	-4.3	0.6	2.3	1	X
4												
5	331	7.5	32	J	4.6	14	134	-2.8	3.1	-0.2	2	J
6	346	7.6	30	J	4.7	-2	93	-0.2	4.0	-2.1	1	J
7	375	12.9	41	J	6.8	5	103	-1.3	5.3	-2.3	4	J
8	383	19.0	35	J	8.2	9	106	-2.2	7.2	-2.8	2	J
9	388	21.2	41	J	8.5	-10	110	-2.7	7.6	-5.2	3	J
10	370	17.0	36	J	8.8	-16	129	-5.3	4.1	-5.6	1	J
11	370	17.4	20	J	8.6	-11	125	-4.6	4.6	-4.9	3	J
12	369	18.0	19	J	8.4	12	118	-3.8	7.0	-2.5	1	J
13					7.1	17	113	-2.6	6.3	-1.5	1	J
14					7.4	5	132	-4.7	4.8	-2.1	2	J
15					6.6	-28	116	-1.9	2.3	-3.8	5	J
16					6.5	-18	292	2.1	-5.6	0.5	3	J
17												
18												
19	348	9.2	132	L								
20	347	9.3	141	L								
21												
22												
23												
24												
					OCT. 15, 1975							288
1												
2												
3												
4	405	7.7	71	J	5.3	-32	277	0.3	-4.9	-1.1	1	J
5	395	7.6	57	J	5.8	-20	292	2.0	-5.2	0.1	1	J
6	397	8.0	50	J	6.5	-29	280	1.0	-6.3	-0.4	1	J
7	389	10.9	44	J	5.6	-27	255	-1.2	-4.9	0.0	3	J
8	396	14.1	32	J	6.4	-9	273	0.3	-5.6	2.3	2	J
9	409	15.2	34	J	6.4	4	258	-1.2	-4.5	3.3	3	J
10	416	10.5	74	J	6.8	-11	200	-5.6	-2.3	0.1	3	J
11	421	7.4	62	J								
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23					4.3	41	284	0.4	-1.4	1.8	4	X
24					4.9	2	282	0.8	-3.4	1.7	4	X
					OCT. 16, 1975							289
1												
2												
3												
4												
5	494	9.5	172	J	8.4	-3	310	4.8	-5.4	1.8	4	X
6	488	9.8	169	J								
7	481	9.9	141	J								
8	486	9.6	137	J								
9	491	9.0	160	J								
10	496	8.6	135	J								
11	498	10.4	222	J								
12	497	9.7	182	J								
13	508	10.2	166	J								
14	495	10.5	160	J								
15	501	11.5	132	J								
16					5.6	-3	29	4.7	2.2	-1.3	2	X
17					5.8	-3	279	0.7	-3.8	1.3	4	X
18					5.7	14	341	4.2	-1.0	1.5	4	X
19					6.8	0	300	2.8	-4.7	1.3	4	X
20					7.3	-8	311	4.6	-5.4	0.4	2	X
21					7.4	0	296	2.9	-5.7	1.3	4	X
22												
23												
24												
					OCT. 17, 1975							290
1												
2												
3												
4					7.4	-9	279	0.9	-5.6	0.8	5	X
5					7.8	21	317	4.8	-3.5	3.8	3	X
6					7.3	16	296	2.8	-4.8	4.0	3	X
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22					6.5	13	14	6.1	1.7	1.2	1	X
23												
24												
					OCT. 20, 1975							293
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	333	11.8	37	L								
12	332	12.1	44	L								
13	328	10.5	45	L								
14	323	10.9	44	L								
15	322	10.5	44	L								
16	323	9.6	43	L								
17	325	10.7	45	L								
18	325	11.9	29	J								
19	327	13.0	33	J								
20	326	13.1	33	J								
21	318	12.1	40	J								
22	311	13.4	57	J	4.7	-34	1	3.0	-3.4	-2.1	3	X
23	344	16.8	41	J	7.0	-11	279	0.7	-4.4	-0.1	5	X
24	346	18.6	48	J								
					OCT. 21, 1975							294
1	330	18.0	48	J	6.6	-37	345	4.0	-1.7	-2.9	4	X
2	329	17.6	48	J	7.1	-31	345	4.2	-1.7	-2.4	5	X
3	325	14.6	45	J	7.3	-49	349	4.3	-1.8	-3.6	4	X
4	322	13.9	51	J	6.9	-16	326	5.2	-3.9	-0.7	2	X
5	323	14.5	41	J	6.6	9	308	3.7	-4.2	2.7	2	X
6	323	12.7	35	J	6.2	50	275	0.3	-1.5	5.6	2	X
7	315	10.9	23	J								
8	307	8.6	23	J								
9	309	8.5	31	J								
10	310	8.3	39	J								
11	306	8.4	30	J								
12	320	13.8	21	J								
13	313	13.7	19	J								
14	320	14.4	22	J								
15	311	14.3	34	J	6.4	7	323	5.0	-3.0	2.4	1	J
16	305	12.6	27	J	5.8	17	337	5.1	-1.3	2.4	1	J
17	303	11.9	25	J	5.5	12	342	5.0	-1.1	1.6	1	J
18	312	13.9	38	J	5.7	37	359	4.2	0.9	3.1	2	J
19	318	13.2	27	J	6.1	38	308	2.8	-2.5	4.3	2	J
20	319	14.4	26	J	6.2	39	317	2.6	-1.7	3.3	4	J
21	311	14.6	26	J	6.3	-3	317	4.1	-3.8	0.4	3	J
22	328	15.1	25	J	5.8	5	299	2.0	-3.5	1.0	4	J
23	339	16.5	32	J	4.5	-2	305	1.4	-2.0	0.2	4	J
24	346	20.6	30	J	3.3	72	144	-0.7	0.9	2.5	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 22, 1975							295
1	348	20.8	30	J	3.5	-40	92	-0.1	1.5	-1.8	3	J
2	351	17.2	32	J	4.1	41	297	1.3	-2.0	3.0	2	J
3	359	19.2	25	J	0.8	-20	126	-0.1	0.1	-0.1	1	J
4	348	15.0	29	J	3.8	-19	304	1.7	-2.7	-0.2	3	J
5	341	13.7	24	J	5.1	-13	299	2.1	-3.9	0.4	2	J
6	353	15.9	22	J	2.8	-45	343	1.1	-0.8	-0.9	2	J
7	352	13.0	24	J	4.3	-8	74	1.2	3.4	-2.4	1	J
8	351	12.4	23	J	4.8	-17	59	2.3	2.6	-3.0	1	J
9	349	14.1	25	J	3.6	21	81	0.3	2.1	-0.4	3	J
10	352	13.3	23	J	3.5	36	144	-2.2	2.4	0.8	1	J
11	352	12.2	29	J	3.1	13	140	-2.0	1.8	-0.4	1	J
12	347	14.3	21	J	2.9	44	83	0.2	2.3	0.5	2	J
13	347	14.4	21	J	2.8	3	94	-0.2	1.9	-1.0	2	J
14	347	17.1	17	J	2.9	-5	79	0.4	1.6	-1.1	2	J
15	344	16.9	16	J	2.8	-1	73	0.8	2.4	-1.2	1	J
16	346	19.2	15	J	3.2	-4	83	0.4	2.6	-1.4	1	J
17	345	22.2	17	J	2.4	-8	51	1.4	1.5	-0.9	1	J
18	340	22.2	17	J	3.1	-1	90	0.0	2.8	-1.0	1	J
19	343	21.0	19	J	3.3	14	119	-1.4	2.6	0.1	2	J
20	344	19.2	20	J	3.4	-47	33	1.0	0.4	-1.4	3	J
21	344	16.8	22	J	3.7	-26	339	2.1	-1.0	-0.9	3	J
22	351	14.4	31	J	3.1	-9	97	-0.2	1.8	-0.6	2	J
23	342	17.6	22	J	3.2	-29	137	-1.9	1.5	-1.7	1	J
24	338	22.3	15	J	3.5	-21	146	-2.7	1.6	-1.5	0	J
					OCT. 23, 1975							296
1	337	24.3	15	J	3.5	3	149	-2.8	1.7	-0.1	1	J
2	343	19.9	22	J	4.1	-6	112	-1.3	3.1	-1.0	2	J
3	348	16.3	30	J	4.8	2	107	-1.1	3.4	-0.8	3	J
4	357	16.0	27	J	5.0	2	91	-0.1	4.4	-1.3	2	J
5	347	15.7	28	J	4.6	11	120	-2.1	3.6	-0.5	2	J
6	345	15.4	28	J	4.6	10	129	-2.7	3.3	-0.7	1	J
7	347	14.9	27	J	4.2	4	110	-1.3	3.4	-1.4	2	J
8	343	14.9	27	J	4.6	-8	88	0.2	3.5	-2.7	2	J
9	350	15.6	31	J	5.9	9	102	-1.0	4.1	-2.5	1	J
10	350	17.6	31	J	4.0	7	119	-1.9	3.1	-1.4	1	J
11	338	22.2	21	J	2.5	-9	81	0.3	1.6	-1.4	1	J
12	336	27.1	13	J	3.2	-23	110	-1.0	1.7	-2.5	0	J
13	332	25.7	14	J	2.1	9	90	0.0	1.7	-0.7	3	J
14	326	24.0	14	J	2.1	45	94	-0.1	1.3	0.4	2	J
15	322	22.7	14	J	1.9	63	287	0.2	-0.0	1.6	1	J
16	322	22.5	14	J	2.4	49	265	-0.1	-0.7	2.2	1	J
17	326	23.0	17	J	2.6	33	302	0.7	-0.8	1.2	2	J
18	326	29.6	16	J	3.6	24	280	0.6	-2.7	2.4	1	J
19	330	28.2	23	J	4.2	26	28	0.9	0.6	0.3	4	J
20	329	24.4	25	J	4.7	15	79	0.8	4.4	0.2	1	J
21	333	24.7	26	J	4.2	-15	125	-1.7	2.2	-1.2	3	J
22	331	22.2	36	J	3.4	-27	283	0.5	-2.3	-0.8	3	J
23	330	19.3	27	J	5.4	-34	289	1.4	-4.5	-2.2	2	J
24	336	18.8	27	J	6.4	-57	268	-0.1	-3.4	-3.7	4	J
					OCT. 24, 1975							297
1	336	20.3	46	J	5.2	-47	353	0.9	-0.3	-1.0	5	J
2	333	19.0	34	J	5.3	30	60	1.9	3.8	1.5	3	J
3	333	16.1	32	J	6.3	33	329	4.2	-1.6	3.7	2	J
4	333	16.5	32	J	6.4	25	321	4.2	-2.5	3.4	2	J
5	337	17.6	37	J	6.4	-15	314	3.5	-3.9	0.0	4	J
6	347	19.4	43	J	6.3	-35	265	-0.4	-5.6	-1.1	3	J
7	337	18.3	32	J	6.8	-3	290	1.8	-4.6	2.0	4	J
8	349	18.3	31	J	6.1	31	343	2.0	-5.0	1.5	5	J
9	361	14.8	28	J	6.0	34	358	4.9	1.5	2.9	1	J
10	357	13.2	36	J	5.3	26	357	4.7	1.0	2.1	1	J
11	361	11.7	50	J	4.9	6	344	4.6	-0.9	1.1	1	J
12	362	10.5	43	J	4.9	8	323	3.5	-2.2	2.1	2	J
13	368	10.1	36	J	4.9	-1	292	1.5	-3.3	1.8	3	J
14	361	11.8	39	J	4.3	1	329	3.5	-1.8	1.1	1	J
15	360	11.3	31	J	4.2	-13	316	2.5	-2.5	0.3	2	J
16	357	10.2	35	J	4.5	-3	329	3.7	-2.1	0.7	1	J
17	354	9.5	39	J	4.1	11	327	3.1	-1.7	1.4	1	J
18	356	8.8	48	J	4.7	11	325	3.6	-2.2	1.6	1	J
19	349	8.9	57	J	5.0	13	331	4.2	-2.0	1.6	1	J
20	350	8.4	59	J	4.6	10	336	4.0	-1.6	1.1	1	J
21	348	8.9	71	J	4.6	18	341	4.0	-1.1	1.6	1	J
22	350	8.2	56	J	4.7	12	334	4.0	-1.8	1.2	1	J
23	352	8.6	65	J	4.5	10	337	3.9	-1.5	1.0	1	J
24	356	7.9	52	J	5.3	12	330	4.3	-2.3	1.4	1	J
					OCT. 25, 1975							298
1	353	9.6	41	J	4.7	10	328	3.8	-2.2	1.2	1	J
2	348	10.7	40	J	4.3	25	338	3.3	-1.0	1.9	2	J
3	349	11.9	34	J	3.9	42	347	2.8	0.0	2.6	1	J
4	352	12.1	37	J	3.5	4	333	3.0	-1.4	0.7	1	J
5	344	12.7	42	J	3.8	2	320	2.8	-2.2	1.0	1	J
6	343	14.1	32	J	2.9	-25	301	1.3	-2.4	-0.2	1	J
7	339	15.3	28	J	3.2	-48	264	-0.1	-1.9	-0.8	2	J
8	333	21.1	17	J	2.4	-18	109	-0.4	0.8	-0.9	2	J
9	337	22.2	17	J	3.1	-44	127	-0.8	0.3	-1.7	3	J
10	341	21.3	24	J	3.1	-15	156	-2.4	0.5	-1.2	2	J
11	338	18.6	28	J	3.7	-42	143	-1.9	0.1	-2.6	2	J
12	333	19.6	21	J	3.4	-25	134	-2.0	1.0	-2.2	2	J
13	331	20.4	21	J	2.4	5	112	-0.7	1.5	-0.7	2	J
14	336	19.7	28	J	3.1	34	25	1.9	1.4	0.8	2	J
15	343	17.7	39	J	4.1	38	326	2.5	-0.5	2.8	2	J
16	350	13.9	35	J	5.3	34	335	3.9	-0.6	3.4	1	J
17	349	14.0	33	J	5.1	23	309	2.8	-2.7	3.0	2	J
18	350	13.0	43	J	5.0	24	299	2.2	-3.2	3.0	1	J
19	347	13.1	43	J	4.8	32	307	2.4	-2.5	3.2	1	J
20	347	11.7	45	J	5.0	26	310	2.8	-2.9	2.8	1	J
21	334	13.6	26	J	3.8	31	291	1.1	-2.6	2.4	1	J
22	333	14.6	25	J	2.9	22	297	1.2	-2.1	1.4	1	J
23	329	12.2	25	J	1.4	-3	238	-0.5	-0.8	0.1	1	J
24	331	13.1	18	J	4.1	-9	118	-1.9	3.4	-1.2	0	J
					OCT. 26, 1975							299
1	334	16.5	18	J	3.0	-48	150	-0.7	0.2	-0.9	3	J
2	329	17.5	18	J	3.3	12	301	1.6	-2.5	1.2	1	J
3					4.6	39	325	2.7	-1.2	3.0	2	J
4					4.8	30	331	3.5	-1.2	2.8	1	J
5	324	14.9	22	L	4.1	1	285	0.9	-3.1	1.2	2	J
6	325	15.7	18	J	4.0	-19	279	0.5	-3.6	0.3	1	J
7	331	15.9	18	J	4.3	-38	277	0.4	-3.9	-0.8	2	J
8	336	14.2	24	L	4.2	-57	179	-1.8	-1.3	-2.4	3	J
9	333	16.0	22	L	3.1	-68	158	-1.0	-1.0	-2.4	1	J
10	330	16.0	29	L	2.5	-40	188	-1.3	-0.7	-0.8	2	J
11	333	15.3	35	L	2.8	-38	275	0.1	-2.2	-0.2	2	J
12	337	17.8	33	L	2.5	-62	185	-1.0	-1.1	-1.6	1	J
13					3.4	-76	159	-0.7	-1.2	-2.6	2	J
14					3.9	-39	8	1.9	-0.5	-1.5	3	J
15					3.7	-43	324	1.1	-1.3	-0.8	3	J
16					4.6	-80	159	-0.7	-1.3	-3.8	2	J
17					3.5	-25	288	0.4	-1.4	-0.2	3	J
18					4.4	31	126	-0.7	1.1	0.4	4	J
19	337	17.1	27	L	5.3	-27	229	-2.0	-2.7	-1.0	4	J
20	337	16.5	29	L	6.1	-2	209	-2.1	-1.2	0.2	6	J
21	331	16.0	29	L	5.0	-12	253	-0.3	-1.1	-0.1	5	J
22					4.3	-75	150	-0.9	-0.1	-4.1	1	J
23					4.1	74	111	-0.2	0.7	1.6	4	J
24	330	22.1	15	J	4.0	57	127	-1.2	2.1	2.9	2	J
					OCT. 27, 1975							300
1	331	21.5	14	J	4.7	-26	107	-0.5	1.5	-1.2	4	J
2	333	9.4	16	J	7.0	-60	322	2.7	-3.2	-5.4	2	J
3	330	10.3	20	J	6.3	-76	354	1.5	-1.6	-5.9	0	J
4	334	7.6	19	L								
5	343	10.8	30	J	6.2	-61	260	-0.5	-4.5	-3.9	1	J
6	345	10.0	34	J	6.5	-42	305	2.6	-5.0	-2.2	3	J
7	355	9.3	37	J	6.7	-21	309	3.8	-5.3	0.0	1	J
8	354	10.0	41	J	6.5	4	307	3.4	-3.7	2.5	3	J
9	351	10.6	56	J	6.6	12	306	3.1	-3.1	3.1	4	J
10	348	11.1	58	L	6.2	15	287	1.5	-3.5	3.8	3	J
11	349	10.4	49	L								
12	355	9.0	52	L								
13	373	7.4	97	L								
14	374	6.5	109	L								
15	368	8.9	100	L	4.9	-39	228	-1.4	-2.1	-0.9	4	J
16	369	7.9	86	L	6.0	21	281	0.8	-3.2	3.1	4	J
17					5.8	33	315	1.3	-0.8	1.6	5	J
18	359	9.9	98	L	4.4	58	308	1.1	-0.0	3.3	3	J
19					4.7	40	314	2.1	-1.5	2.9	2	J
20					4.3	46	341	1.1	-0.1	1.2	4	J
21					4.4	32	309	1.9	-2.0	2.3	3	J
22					4.9	-1	286	1.1	-3.7	0.5	3	J
23	339	8.2	76	L	4.7	-31	14	3.8	0.6	-2.5	1	J
24	345	10.3	73	L	4.9	-12	299	1.9	-3.6	-0.3	3	J
					OCT. 28, 1975							301
1	346	12.9	71	L	6.7	-9	288	2.0	-6.1	-0.0	2	X
2					6.5	-14	284	1.2	-4.9	-0.2	4	X
3					6.8	-13	291	2.1	-5.7	-0.0	3	X
4												
5	347	13.0	43	J	7.0	15	249	-2.4	-5.2	3.8	1	J
6	350	11.8	43	J	8.1	40	247	-2.3	-3.0	6.6	3	J
7	355	11.6	39	J	7.2	55	231	-2.4	-0.3	6.1	3	J
8	346	12.0	38	J	6.8	5	285	1.7	-5.3	3.5	2	J
9	338	12.8	34	J	6.9	-41	350	4.5	-2.7	-3.1	3	J
10	329	11.2	31	J	7.9	-21	338	6.6	-3.7	-1.0	2	J
11	325	11.5	27	J	7.5	25	330	5.7	-1.2	4.4	2	J
12	329	11.7	27	J	6.7	34	328	4.6	-0.6	4.7	1	J
13	340	13.3	35	J	6.0	46	307	2.3	-0.7	4.9	3	J
14	348	19.5	37	J	4.7	31	286	1.0	-2.1	3.5	3	J
15	350	23.5	29	J	4.1	31	284	0.4	-0.9	1.4	4	J
16	350	18.6	21	J	7.9	17	279	1.2	-6.0	4.9	1	J
17	348	25.4	27	L	6.5	51	268	-0.1	-1.9	5.4	3	J
18	355	34.5	30	L								
19												
20												
21												
22												
23												
24												
					NOV. 2, 1975							306
1												
2												
3												
4												
5												
6												
7	355	19.1	16	L								
8	345	28.5	18	L								
9	345	35.0	19	J								
10	359	34.8	18	J								
11	354	39.1	24	J								
12	344	27.3	60	J								
13	378	17.5	127	J								
14	373	18.5	148	J								
15	377	18.3	95	J								
16	427	13.8	144	J								
17	434	15.7	203	J								
18	447	16.1	221	J								
19	470	15.1	203	J								
20	492	14.8	184	J								
21	502	14.0	174	J								
22	510	11.8	143	J								
23	552	14.3	261	L								
24	563	13.8	272	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 3, 1975							307
1												
2	560	10.0	117	J								
3	585	9.4	220	J								
4	588	9.2	206	J								
5	585	9.6	216	J								
6	589	8.6	196	J								
7	585	8.5	162	J								
8	605	6.8	175	J								
9	611	6.6	176	J								
10	608	6.6	184	J								
11	626	5.7	202	J								
12	625	6.2	226	J								
13	632	6.5	227	J								
14	672	7.1	314	J								
15	692	5.4	238	J								
16	679	5.3	180	J								
17	707	5.5	234	J								
18	733	5.8	247	J								
19	705	5.5	243	J								
20	687	5.6	194	J								
21	710	5.5	235	J								
22	709	5.4	281	J								
23	716	5.2	301	J								
24	719	5.1	314	J								
					NOV. 4, 1975							308
1	715	4.6	293	J								
2	719	4.5	272	J								
3	706	4.2	210	J								
4	691	3.6	136	J								
5	710	4.8	312	J								
6	712	4.4	235	J								
7	709	4.2	238	J								
8	730	4.7	312	J								
9	729	3.8	248	J								
10	726	3.4	277	J								
11	736	3.2	247	J								
12	743	3.1	237	J								
13	760	3.0	198	J								
14	747	3.1	214	J								
15	742	3.1	223	J								
16	738	3.3	256	J								
17	728	3.2	142	J								
18	691	3.3	142	J								
19	675	3.4	142	J	6.7	9	145	-5.1	3.7	3.2	2	J
20	666	3.3	159	J	6.6	8	153	-5.5	2.9	0.4	2	J
21	650	3.6	187	J	7.3	17	155	-5.9	3.0	1.6	3	J
22	641	3.5	200	J	7.4	13	147	-5.7	3.9	1.2	2	J
23	641	3.9	195	J	8.0	24	162	-6.9	2.6	3.0	2	J
24	662	4.0	261	J	8.0	25	155	-6.1	3.2	2.8	3	J
					NOV. 5, 1975							309
1	664	4.5	276	J	7.8	17	141	-5.1	4.4	1.5	4	J
2	673	5.3	263	J	7.6	28	128	-3.2	4.4	2.0	5	J
3	669	5.4	290	J	7.6	33	111	-1.2	6.3	2.7	2	J
4	630	5.5	222	J	7.3	6	235	-6.2	-2.6	1.4	2	J
5	632	5.5	213	J	7.2	6	190	-6.2	-0.8	1.0	3	J
6	642	5.7	250	J	7.8	7	144	-4.9	3.6	-0.6	5	J
7	657	5.6	257	J	8.5	21	133	-3.2	3.9	0.2	7	J
8	614	5.4	238	J	9.2	39	179	-6.3	2.4	4.5	4	J
9	622	5.8	206	J	8.9	50	182	-5.0	2.7	5.3	4	J
10	629	6.6	257	J	9.5	15	113	-3.2	7.8	-1.8	4	J
11	637	6.2	295	J	8.3	-11	131	-2.8	2.4	-2.3	7	J
12	638	6.5	258	J	9.5	36	158	-5.8	4.2	2.8	5	J
13	636	4.9	216	J	6.4	37	163	-4.0	2.6	2.3	4	J
14	680	4.1	206	J	4.9	33	133	-1.7	2.4	0.7	4	J
15	651	4.1	198	J	5.1	28	162	-3.4	1.7	1.3	3	J
16	662	3.9	172	J	4.8	-14	117	-1.8	2.9	-2.1	3	J
17	624	3.6	116	J	4.6	7	185	-4.2	-0.2	0.6	2	J
18	628	3.7	102	J	4.9	-6	183	-4.2	-0.3	-0.4	3	J
19	625	3.4	89	J	4.8	7	168	-4.0	0.9	0.3	3	J
20	628	3.4	104	J	4.7	5	141	-3.0	2.5	-0.1	2	J
21	630	3.4	114	J	4.5	-13	163	-3.0	0.8	-0.8	3	J
22	639	3.8	187	J	4.1	41	189	-1.9	-0.1	1.7	3	J
23	623	3.7	115	J	4.4	7	201	-3.4	-1.3	0.6	2	J
24	626	3.6	121	J	4.1	-3	151	-2.6	1.4	-0.3	3	J
					NOV. 6, 1975							310
1	640	3.5	133	J	4.2	-16	106	-0.9	3.0	-1.3	2	J
2	629	3.2	108	J	4.9	-15	108	-1.3	3.9	-1.8	2	J
3	629	3.4	123	J	4.6	12	112	-1.1	2.9	0.1	3	J
4	644	3.7	144	J	4.7	-2	78	0.9	3.8	-1.1	2	J
5	595	3.9	163	J	4.8	-3	152	-3.3	1.6	-0.7	3	J
6	586	3.9	170	J	4.7	16	151	-3.6	2.3	0.4	2	J
7	580	3.7	153	J	4.6	22	154	-3.5	2.2	0.7	2	J
8	583	3.4	123	L								
9												
10	556	3.7	59	J	4.7	-13	172	-4.4	0.0	-1.2	1	J
11	578	3.9	126	J	4.5	-13	149	-2.6	1.0	-1.4	3	J
12	587	3.7	146	L	4.7	8	99	-0.6	3.3	-1.2	3	J
13	563	3.7	81	J	4.5	-33	156	-3.0	0.1	-2.4	2	J
14	557	3.6	87	J	4.4	27	183	-3.3	0.6	1.6	2	J
15	572	3.8	116	J	3.9	22	120	-1.3	2.4	0.1	3	J
16	567	3.7	103	J	4.2	-16	106	-0.5	1.4	-1.0	4	J
17	541	4.0	96	J	5.0	22	170	-4.1	1.3	1.5	1	J
18	532	4.2	93	J	5.2	11	172	-5.1	0.9	0.8	1	J
19	529	4.3	102	J	5.5	10	178	-5.4	0.4	0.9	1	J
20	526	4.0	127	J	5.3	11	185	-5.1	-0.3	1.0	1	J
21	523	4.0	138	J	5.0	10	175	-4.9	0.5	0.8	1	J
22	503	3.9	58	J	4.6	13	163	-4.1	1.3	0.6	1	J
23	500	3.9	59	J	4.7	34	167	-3.6	1.0	2.4	2	J
24	501	4.5	65	J	4.4	22	171	-3.8	0.7	1.5	1	J
					NOV. 7, 1975							311
1	501	5.7	63	J	4.6	10	134	-2.8	3.0	0.4	2	J
2	511	5.6	59	J	4.5	8	140	-3.3	2.8	0.2	1	J
3	514	5.9	60	J	4.6	13	92	-0.1	3.6	0.1	3	J
4	538	6.3	69	J	4.9	22	100	-0.7	4.3	0.6	2	J
5	487	5.9	84	J	5.0	25	154	-3.9	2.4	1.4	2	J
6	482	6.0	75	J	5.8	16	214	-4.5	-2.3	2.5	1	J
7	482	5.4	70	J	5.9	26	205	-4.6	-1.0	3.1	2	J
8	462	6.4	47	J	5.6	18	187	-5.0	0.2	1.7	2	J
9	460	6.3	59	J	4.7	18	181	-4.0	0.5	1.2	2	J
10	453	5.9	43	J	4.2	14	175	-3.6	0.7	0.6	2	J
11					4.6	-11	134	-2.7	2.1	-2.0	2	J
12					3.6	-41	142	-1.8	0.3	-2.5	2	J
13					3.8	19	129	-1.8	2.4	-0.1	2	J
14	461	5.2	72	L								
15	458	5.6	73	L								
16					3.9	-18	192	-3.1	-1.0	-0.7	2	J
17					4.3	-56	125	-1.2	0.8	-3.5	2	J
18					4.7	-33	144	-3.1	1.6	-3.0	1	J
19	457	6.2	80	L	5.2	18	173	-4.7	0.9	1.4	1	J
20	464	6.3	79	L	4.8	10	153	-3.7	2.0	0.4	2	J
21	450	5.9	74	L	4.4	-7	138	-2.7	2.3	-0.7	3	J
22					3.6	13	143	-2.0	1.6	0.4	3	J
23												
24												
					NOV. 8, 1975							312
1												
2												
3	424	4.7	59	L								
4					4.2	9	119	-1.7	3.1	-0.2	2	J
5												
6												
7	403	3.9	36	J	3.7	-16	156	-3.2	0.9	-1.5	1	J
8	397	3.7	46	J	3.6	3	166	-3.3	0.8	-0.2	1	J
9	394	3.3	43	J	3.4	3	159	-3.0	1.1	-0.4	1	J
10	402	2.8	47	L	3.2	-21	105	-0.7	1.7	-2.0	2	J
11	399	2.6	43	L	3.3	-18	128	-1.6	1.4	-1.7	2	J
12	392	3.0	37	L	3.1	-21	155	-2.2	0.5	-1.3	2	J
13	391	2.6	45	L	3.2	-26	159	-2.3	0.3	-1.5	1	J
14					3.2	-13	160	-2.7	0.6	-1.0	1	J
15					3.2	-15	154	-2.6	0.9	-1.2	1	J
16					3.2	-11	152	-2.7	1.2	-1.0	1	J
17	388	4.5	40	L	2.9	2	143	-2.0	1.5	-0.3	1	J
18	392	5.9	56	L	2.9	-8	123	-1.3	1.9	-0.8	2	J
19	393	4.8	49	J	2.9	3	133	-1.7	1.8	-0.2	2	J
20	402	4.9	22	J	3.4	-20	101	-0.6	2.8	-1.5	1	J
21	391	3.1	47	L	3.2	-37	111	-0.8	1.9	-1.9	2	J
22	384	4.5	39	J	3.5	-20	128	-2.0	2.5	-1.4	1	J
23	378	4.1	33	J	3.8	-16	127	-2.1	2.7	-1.2	1	J
24	377	4.0	30	J	3.8	-14	123	-2.0	2.9	-1.2	1	J
					NOV. 9, 1975							313
1	380	3.1	30	L	3.9	-13	113	-1.4	3.1	-1.1	2	J
2	377	3.6	31	L	3.8	-22	124	-1.9	2.6	-1.8	1	J
3	387	8.4	61	J	5.4	-35	125	-2.5	2.9	-3.6	1	J
4	384	11.1	51	J	5.8	-38	137	-3.1	2.0	-3.9	2	J
5												
6	406	13.8	51	L								
7	415	19.1	50	L								
8	418	21.1	43	J								
9	421	20.4	52	J								
10	420	13.2	46	J								
11	408	9.8	26	J								
12	422	5.8	27	J								
13	384	6.9	32	J								
14	405	11.8	33	J								
15	395	12.2	35	J								
16	407	11.9	49	J								
17	403	19.0	84	J								
18	431	23.0	50	L								
19	427	23.0	63	J								
20	424	26.7	67	J								
21	419	27.2	28	J								
22	417	23.0	20	L								
23												
24												
					NOV. 10, 1975							314
1												
2												
3												
4												
5												
6												
7												
8	395	26.4	18	L								
9												
10												
11	393	31.1	50	L								
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

NOV. 15, 1975 — 319

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4	490	3.2	218	J								
5	490	2.9	172	J								
6	463	3.2	126	J								
7	467	3.1	115	J								
8	476	4.5	117	J	7.7	13	328	6.0	-2.8	3.0	2	J
9	463	5.2	96	J	7.4	12	331	6.0	-2.4	2.8	2	J
10	488	4.6	54	J	8.5	15	345	7.8	-0.9	2.9	1	J
11	467	5.1	103	J	8.0	15	349	7.5	-0.4	2.5	1	J
12	432	4.9	168	J	7.7	13	357	7.3	0.4	1.7	1	J
13	439	4.1	130	J	7.8	10	354	7.6	-0.2	1.6	0	J
14	432	4.3	153	J	7.2	8	350	6.9	-0.8	1.4	1	J
15	433	4.1	138	J	6.7	4	351	6.5	-0.8	0.8	1	J
16	440	3.8	110	J	6.3	2	355	6.1	-0.5	0.4	1	J
17	444	3.9	78	J	6.2	4	356	6.1	-0.3	0.5	1	J
18	437	4.1	80	J	6.0	-3	354	6.0	-0.7	-0.2	1	J
19	432	2.8	98	J	5.4	-1	344	5.1	-1.5	0.1	1	J
20	437	2.4	82	J	5.2	2	352	4.6	-1.8	0.4	1	J
21	420	2.8	64	J	5.6	6	321	4.2	-3.3	0.8	1	J
22	438	5.5	72	J	4.0	-60	173	-1.2	0.0	-2.1	3	J
23	400	5.6	52	J	4.6	-49	159	-2.8	0.9	-3.4	1	J
24	435	5.5	60	J	4.2	-64	191	-1.6	-0.5	-3.4	2	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	398	5.1	61	J	3.8	-58	227	-1.1	-1.3	-2.5	2	J
2	392	5.9	41	J	3.3	-38	93	-0.1	2.0	-1.9	2	J
3	390	5.5	37	J	4.2	-69	75	0.4	0.8	-3.9	1	J
4	387	5.8	46	J	3.9	-74	147	-0.8	-0.1	-3.4	2	J
5	390	4.9	42	J	3.8	-44	331	1.5	-1.2	-1.4	3	J
6	368	5.8	56	L	3.7	-13	342	3.1	-1.2	-0.4	2	J
7	364	4.9	53	L	3.2	0	343	2.9	-0.8	0.3	1	J
8	368	6.1	37	J	3.2	-45	324	1.4	-1.7	-1.2	2	J
9	365	6.3	32	J	3.2	-54	13	1.7	-0.7	-2.3	1	J
10	361	6.1	33	J	3.2	-30	356	2.8	-0.9	-1.3	0	J
11	360	6.1	32	J	3.5	-1	337	1.8	-0.7	0.3	3	J
12	357	6.4	34	J	3.6	-22	346	2.5	-1.0	-0.7	2	J
13	359	6.4	33	J	3.6	-19	335	2.7	-1.5	-0.4	2	J
14	356	7.0	38	J	3.5	-1	336	2.9	-1.2	0.4	1	J
15	363	8.3	38	J	4.3	12	318	2.9	-2.2	1.7	2	J
16	376	12.2	38	J	5.9	2	299	2.7	-4.5	1.6	2	J
17	381	13.5	44	J	6.4	34	297	2.3	-3.6	4.5	2	J
18	377	12.8	40	J	7.0	31	310	3.5	-3.4	4.0	3	J
19	386	11.4	46	J	6.7	38	300	2.4	-3.6	4.4	3	J
20	386	8.1	43	J	9.2	23	311	5.2	-5.6	3.9	3	J
21	404	13.1	48	J	8.0	42	75	1.3	5.3	4.3	4	J
22	431	12.7	57	J	8.2	42	140	-4.4	4.0	5.0	2	J
23	419	12.4	53	J	8.0	40	121	-2.8	4.9	4.5	3	J
24	404	21.0	45	J	5.0	50	65	1.3	2.8	3.4	2	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	391	23.1	37	J	4.8	35	69	1.2	3.2	2.1	3	J
2	392	25.0	35	J	4.2	14	97	-0.5	3.8	0.6	2	J
3	400	18.6	22	J	7.2	32	335	5.3	-2.0	4.0	2	J
4	396	17.3	21	J	7.6	23	318	4.9	-3.8	3.6	2	J
5	394	16.8	18	J	8.2	22	308	4.5	-4.9	4.3	2	J
6	385	21.5	18	J	8.6	21	312	5.2	-4.6	4.6	1	J
7	384	29.6	21	J	7.6	16	305	4.0	-4.7	3.9	2	J
8	390	27.7	22	J	8.7	-2	287	2.5	-7.7	3.0	1	J
9	390	26.5	27	J	9.7	-17	295	3.8	-8.6	1.0	2	J
10	389	27.1	29	J	9.8	-16	298	4.4	-8.7	1.2	1	J
11	382	34.9	34	J	9.2	-29	337	7.3	-4.7	-2.6	1	J
12	386	34.0	33	J	10.8	-41	336	7.4	-6.0	-4.9	2	J
13	384	19.7	23	J	14.3	-40	353	10.8	-4.9	-7.8	2	J
14	381	14.8	22	J	14.9	-43	13	10.5	-1.5	-10.2	2	J
15	373	17.2	18	J	14.8	-44	23	9.8	0.5	-11.1	1	J
16	363	14.3	13	J	14.9	-39	24	10.5	1.8	-10.3	1	J
17	361	13.0	13	J	14.8	-35	26	10.8	3.1	-9.4	2	J
18	359	12.5	14	J	14.6	-27	26	11.7	4.4	-7.6	1	J
19	359	12.0	14	J	14.4	-23	31	11.2	5.9	-6.4	2	J
20	363	9.9	15	J	14.5	-18	37	11.0	7.8	-5.2	1	J
21	364	9.1	21	J	14.4	-20	30	11.6	6.4	-5.3	2	J
22	360	9.4	20	J	13.7	-15	30	11.3	6.4	-3.7	2	J
23	349	14.7	25	J	13.1	7	44	8.9	8.7	1.3	4	J
24	338	23.1	17	J	12.0	21	49	7.2	8.5	3.9	2	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	344	27.4	18	J	11.0	22	52	6.3	8.2	3.7	1	J
2	337	26.1	16	J	10.7	25	55	5.5	8.1	3.7	2	J
3	334	27.8	12	J	10.3	36	59	4.3	7.8	5.0	2	J
4	339	19.9	21	J	10.0	42	55	4.2	7.1	5.4	1	J
5	331	21.8	22	J	8.9	47	53	3.6	6.1	5.0	2	J
6	335	25.6	32	J	6.2	34	28	4.3	3.2	2.5	2	J
7	333	24.1	31	J	5.4	58	19	2.6	2.4	3.8	2	J
8	334	28.3	31	J	6.1	75	29	1.2	2.7	4.6	3	J
9	353	27.0	37	J	10.6	69	51	2.4	6.6	7.7	2	J
10	366	42.0	46	J	5.2	65	71	0.5	2.6	2.2	4	J
11	365	25.2	50	J	10.6	65	233	-2.5	0.9	9.6	4	J
12	372	24.2	59	J	11.4	76	155	-2.2	4.9	8.2	6	J
13	375	15.1	60	J	12.0	32	225	-7.0	-3.9	8.5	3	J
14	376	14.4	69	J	11.2	34	226	-6.2	-3.8	8.0	3	J
15	369	14.2	104	J	9.0	31	230	-4.6	-3.7	5.8	4	J
16	372	12.5	93	J	9.0	8	234	-3.8	-4.8	2.4	6	J
17	381	12.1	116	J	8.4	26	241	-3.0	-4.6	4.2	5	J
18	383	11.2	87	J	9.0	6	234	-4.9	-6.5	2.1	3	J
19	384	11.8	95	J	8.2	18	235	-3.8	-5.1	2.9	4	J
20	383	12.1	107	J	7.3	51	230	-2.6	-2.9	5.7	2	J
21					8.3	58	232	-2.0	-2.3	5.4	6	J
22												
23	393	15.0	83	J	6.9	83	200	-0.8	-0.1	6.7	2	J
24	393	15.5	87	J	7.8	75	260	-0.4	-1.8	7.6	1	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	407	21.3	67	J	10.2	13	264	-0.9	-8.8	2.5	5	J
2	404	20.6	109	L	9.8	2	260	-1.2	-6.5	0.7	7	J
3	413	16.5	53	J	10.6	-15	262	-1.3	-9.3	-1.3	5	J
4	405	15.1	42	J	10.1	8	266	-0.5	-6.9	2.3	7	J
5	394	15.3	58	J	9.5	63	331	3.5	-0.0	8.1	3	J
6	394	13.3	46	J	10.3	-33	261	-1.0	-7.4	-2.2	7	J
7	401	12.3	33	J	10.0	-33	228	-5.5	-7.6	-2.9	2	J
8	395	16.2	34	J	8.9	-10	257	-1.9	-8.1	1.8	3	J
9	385	14.0	55	L	8.7	0	269	-0.1	-6.0	2.7	6	J
10					7.2	45	305	2.6	-1.4	5.8	3	J
11					7.2	32	346	4.7	0.2	3.2	4	J
12	416	7.6	106	J	8.1	22	355	6.7	0.6	2.7	3	J
13	413	7.0	70	J	7.7	8	360	7.4	0.4	1.0	2	J
14	418	7.6	85	J	8.2	-3	326	6.3	-4.1	1.2	3	J
15	417	8.0	99	J	8.8	-9	322	6.8	-5.5	0.4	0	J
16	409	7.2	93	L								
17	432	11.0	111	L								
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	SG	IMF SC
1					4.5	13	349	3.6	-0.7	0.9	3	J
2					4.5	-43	279	0.4	-2.9	-2.3	3	J
3					5.4	36	346	3.1	-0.5	2.4	4	J
4	461	9.8	128	L	5.5	7	332	3.6	-1.8	0.8	4	J
5	464	8.6	124	L	5.2	2	320	2.8	-2.2	0.7	4	J
6	466	7.6	123	L								
7	464	7.6	104	J	5.7	48	352	3.4	0.8	3.8	2	J
8	440	7.4	93	J	5.0	27	21	3.0	1.7	1.1	4	J
9	428	7.6	71	J	6.5	21	33	5.0	3.9	0.8	1	J
10					7.4	31	294	2.2	-3.1	5.0	4	J
11					7.8	43	17	4.0	2.8	3.0	5	J
12					8.1	64	130	-1.3	3.0	3.1	7	J
13					8.0	40	343	5.3	0.3	5.0	3	J
14												
15					4.9	-76	333	0.7	-1.4	-3.0	4	J
16	462	11.3	56	J	5.6	7	223	-3.7	-3.2	1.5	2	J
17	459	9.1	76	J	5.6	-41	196	-3.2	-1.5	-2.6	3	J
18	455	9.4	78	J	5.2	5	294	1.9	-4.2	1.1	2	J
19	449	10.1	90	J	5.4	28	313	2.8	-2.8	2.6	3	J
20	456	9.8	89	J	6.2	17	324	3.1	-2.2	1.3	5	J
21	471	9.6	103	J	6.3	-7	282	1.1	-5.4	-0.4	3	J
22	500	7.6	79	J	8.0	-8	287	2.2	-7.2	-3.9	3	J
23												
24												

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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	490	19.6	46	L	6.6	-39	169	-3.6	0.6	-3.0	5	J
2					8.3	-28	160	-6.7	2.2	-4.0	2	J
3	477	22.0	[illegible]	J	7.9	-20	134	-5.0	4.8	-3.2	2	J
4	458	20.4	32	J	9.3	-24	146	-7.0	4.0	-4.5	1	J
5	458	17.4	28	J	9.9	-25	145	-7.3	4.0	-5.2	1	J
6	455	20.1	26	J	9.2	-24	146	-6.7	3.3	-4.8	3	J
7	453	24.4	23	J	8.2	-25	134	-5.1	3.8	-5.7	2	J
8	457	24.7	26	J	6.5	-21	140	-4.3	2.5	-3.3	2	J
9	456	25.9	25	J	6.0	-18	122	-2.9	3.6	-3.5	1	J
10	462	22.3	37	J	4.7	2	48	2.4	2.5	-1.0	3	J
11	445	10.4	48	J	6.7	16	355	5.9	0.2	1.8	3	J
12	431	7.0	67	J	7.0	14	349	6.5	-0.5	2.0	1	J
13	434	7.5	73	J	7.8	11	332	6.5	-2.6	2.7	2	J
14	435	7.1	70	J	7.3	25	339	5.8	-1.1	3.5	2	J
15	417	6.3	72	J	7.1	20	352	6.5	-0.1	2.6	1	J
16	446	6.3	95	J	6.3	22	10	5.5	1.5	1.9	2	J
17	442	5.7	99	J	5.5	16	13	4.5	1.3	1.1	2	J
18	434	5.1	125	J	5.1	5	358	4.8	-0.1	0.4	1	J
19	448	5.5	108	J	4.4	11	351	1.6	-3.2	0.4	4	J
20	473	6.9	101	J	3.9	-19	241	-1.1	-2.0	-0.6	3	J
21	449	6.5	85	J	4.6	2	324	3.6	-2.6	0.3	1	J
22	444	6.5	82	J	5.1	8	330	4.3	-2.5	0.7	1	J
23	443	6.3	73	J	5.5	13	334	4.6	-2.2	1.2	2	J
24	476	11.1	121	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	474	12.3	130	J								
2	465	11.4	118	J								
3	478	14.8	104	J								
4	493	14.5	59	J								
5	488	17.1	46	J								
6	482	20.1	59	J								
7	465	27.7	67	J								
8	456	22.7	50	J								
9	449	20.2	75	J								
10	466	27.2	75	J								
11	466	29.0	74	J								
12	469	25.3	60	J								
13	418	24.9	82	J								
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	SG	IMF SC
					NOV. 23, 1975							327
1	353	2.3	76	J								
2	359	2.1	82	J								
3	352	1.8	87	J								
4	357	1.8	85	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	SG	IMF SC
					NOV. 27, 1975							331
11	404	4.8	52	L								
12	394	5.4	38	J								
13	400	5.3	41	J								
14	401	5.5	45	J	3.4	-28	178	-2.6	-0.3	-1.3	2	J
15	401	5.1	47	J	3.2	-23	171	-2.5	0.1	-1.2	1	J
16	399	7.6	18	J	3.0	8	29	2.5	1.4	0.1	1	J
17	399	7.3	14	J	3.5	14	4	3.3	0.4	0.8	0	J
18	389	6.1	8	L	3.4	12	3	3.2	0.3	0.7	0	J
19	389	8.1	20	J	3.9	7	2	3.8	0.2	0.5	1	J
20	385	8.4	32	J	4.3	-1	4	4.2	0.3	-0.1	1	J
21	385	9.3	31	J	4.4	3	4	4.3	0.3	0.2	1	J
22												
23												
24	379	8.9	17	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 28, 1975							332
1	376	11.8	27	J	5.4	-24	4	4.7	0.4	-2.1	1	J
2	372	12.4	22	J	4.9	-13	358	4.6	-0.2	-1.1	2	J
3	366	13.2	14	J	4.6	-11	359	4.4	-0.1	-0.9	1	J
4	363	10.7	14	J	4.3	-3	353	4.3	-0.6	-0.2	1	J
5	402	9.0	21	J	3.9	-13	4	3.7	0.1	-0.9	1	J
6	372	13.3	23	J	3.3	-24	43	2.1	1.6	-1.7	1	J
7	345	11.7	34	J	4.7	-21	119	-2.0	3.1	-2.6	1	J
8	354	14.7	30	J	4.6	-25	110	-1.4	2.9	-3.0	1	J
9	355	13.5	29	J	5.1	-19	107	-1.3	3.5	-3.0	1	J
10	349	16.3	31	J	5.5	-13	124	-2.9	3.5	-2.7	2	J
11	360	36.1	25	J	6.5	10	5	5.9	3.9	0.8	3	J
12	364	44.5	29	J	6.9	-7	9	6.0	0.6	-1.0	3	J
13	347	34.9	42	J	9.5	-5	119	-4.3	7.0	-3.4	3	J
14	340	31.7	32	J	10.1	-6	136	-7.2	6.2	-3.1	1	J
15	338	40.5	31	J	9.2	0	125	-5.0	6.9	-1.9	2	J
16	337	43.0	23	J	7.7	13	126	-4.3	6.1	0.3	2	J
17	321	34.5	17	J	4.5	16	110	-1.3	3.7	0.5	2	J
18	313	29.7	16	J	3.3	12	121	-1.4	2.3	0.3	2	J
19	315	27.3	16	J	2.4	18	56	1.2	1.8	0.6	1	J
20	313	23.6	15	J	2.2	-6	67	0.7	1.7	-0.2	1	J
21	310	23.2	13	J	2.3	7	93	-0.1	2.0	0.3	1	J
22	309	23.2	13	J	1.7	-7	59	0.4	0.6	-0.1	2	J
23	317	23.1	16	J	4.1	31	101	-0.6	3.1	2.1	2	J
24	316	21.0	18	J	5.5	6	126	-2.9	4.0	0.7	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 29, 1975							333
1	313	19.6	23	J	5.4	26	[illegible]	-3.4	2.9	2.3	2	J
2	313	19.1	41	J	7.0	15	[illegible]	-6.4	1.3	1.7	2	J
3	314	18.7	33	J	8.1	-6	1[illegible]	-6.9	2.2	-0.9	4	J
4	318	21.2	31	J	8.8	7	154	-7.6	3.8	0.6	2	J
5	316	23.5	26	J	9.4	41	179	-6.4	1.1	5.5	4	J
6	350	37.0	45	J	8.8	-28	83	0.7	4.8	-4.2	6	J
7	386	33.4	91	J	10.4	-68	17	2.8	-1.2	-7.2	7	J
8	425	18.6	245	J	12.0	-2	121	-3.9	6.0	-2.3	9	J
9	446	19.1	272	J	11.7	32	142	-6.0	6.1	2.8	7	J
10	437	19.9	250	J	13.5	-3	144	-9.4	6.1	-3.1	7	J
11	436	18.3	174	J	15.3	-13	136	-9.3	7.2	-6.1	7	J
12	458	17.5	159	J	15.4	8	124	-7.3	10.8	-2.2	8	J
13	472	16.5	174	J	12.5	-7	130	-6.1	6.4	-3.5	8	J
14	461	15.2	157	J	12.4	22	127	-5.9	8.7	1.4	6	J
15	470	15.0	169	J	12.5	23	124	-5.0	8.1	1.7	8	J
16	485	12.8	208	J	10.8	-18	147	-7.1	3.9	-3.7	6	J
17	546	13.0	368	J	10.1	11	134	-2.2	2.3	0.2	10	J
18	536	11.4	293	J	11.8	6	132	-6.4	7.2	0.2	7	J
19	549	8.8	180	J	10.8	4	130	-6.4	7.7	0.2	4	J
20	562	8.0	143	J	10.4	-24	133	-6.0	6.4	-4.1	4	J
21	554	7.5	123	J	9.7	-21	144	-6.8	5.0	-3.1	3	J
22	572	7.8	161	J	9.7	-21	117	-3.8	7.6	-2.9	3	J
23	556	7.7	149	J	9.4	1	127	-5.1	6.8	0.5	4	J
24	550	7.7	139	J	9.2	11	147	-6.3	4.0	1.7	5	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 30, 1975							334
1	575	7.5	156	J	9.3	56	145	-3.3	2.1	5.9	6	J
2	553	7.8	128	J	9.0	-32	146	-5.6	3.8	-4.3	4	J
3	539	8.0	141	J	8.8	5	181	-7.1	-0.1	0.6	5	J
4	537	8.2	134	J	9.4	32	171	-6.7	1.5	4.1	5	J
5	517	7.9	100	J	9.4	-2	158	-8.0	3.1	-0.8	4	J
6	536	6.7	108	J	9.7	-22	164	-8.2	1.5	-3.9	3	J
7	557	6.3	108	J	9.3	-6	173	-7.9	0.7	-1.1	5	J
8	560	6.2	108	J	8.7	5	163	-7.0	2.2	-0.1	5	J
9	569	6.8	150	J	8.7	2	143	-5.7	4.1	-1.3	5	J
10	582	6.8	174	J	8.2	23	144	-5.1	4.4	1.1	4	J
11	594	7.7	225	J	8.0	21	162	-5.6	2.5	1.4	5	J
12	585	6.7	200	J	8.0	-1	164	-6.3	1.7	-0.8	4	J
13	594	6.4	158	J	8.5	-22	148	-6.4	2.8	-4.2	2	J
14	620	6.8	205	J	8.0	20	128	-3.4	4.7	0.6	5	J
15	610	6.7	186	J	7.7	-3	135	-4.8	4.6	-1.6	4	J
16	637	6.7	209	J	6.8	25	107	-1.1	3.7	0.9	5	J
17	644	6.2	188	J	6.7	73	131	-1.3	2.4	6.0	1	J
18	622	5.4	121	J	7.4	0	128	-4.0	5.1	-0.5	4	J
19	630	6.8	186	J	7.0	-25	153	-4.4	2.1	-2.4	5	J
20					6.9	-31	145	-4.6	3.2	-3.4	2	J
21	623	5.7	168	J	7.5	-25	150	-5.5	3.2	-2.9	3	J
22	644	5.7	236	L								
23												
24	687	4.5	261	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 1, 1975							335
1	719	4.3	276	L								
2	681	4.9	207	L								
3	692	4.8	254	L								
4	687	4.5	202	J	6.7	20	117	-2.7	5.5	1.7	2	J
5	682	4.5	200	J	6.4	13	143	-4.0	3.1	0.7	4	J
6	699	4.0	250	L	6.7	-7	115	-2.4	4.9	-1.8	3	J
7	708	4.5	218	L	6.5	2	70	1.8	4.8	-1.1	4	J
8	681	4.4	201	L	6.4	19	116	-2.4	5.2	0.2	3	J
9					6.6	8	104	-1.4	5.5	-1.1	3	J
10					6.6	3	109	-1.8	5.0	-1.6	4	J
11					6.5	-21	116	-2.2	3.6	-3.5	4	J
12	680	4.3	193	J	6.2	-14	135	-2.9	2.3	-2.0	4	J
13	671	4.1	190	J	6.2	-20	128	-3.2	3.3	-3.2	3	J
14	688	4.2	182	J	6.0	-40	151	-3.2	0.8	-3.5	4	J
15	680	4.3	174	J	5.8	-50	181	-3.6	-1.1	-4.1	1	J
16					5.8	13	51	[illegible]	4.4	0.4	2	J
17					6.0	-12	106	-1.6	5.4	-2.1	0	J
18					5.7	-5	96	-0.3	3.0	-0.6	5	J
19												
20												
21												
22	710	4.6	231	J	4.6	31	191	-2.9	-0.6	1.7	3	J
23	685	4.8	250	L								
24	698	4.0	180	J	6.2	-19	130	-3.1	3.8	-1.4	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 2, 1975							336
1												
2												
3	716	4.1	239	J	5.1	16	128	-1.3	1.7	0.5	5	J
4	716	4.1	246	J	4.9	42	198	-2.2	-0.5	2.1	4	J
5	702	3.8	155	J	4.6	10	204	-3.3	-1.4	0.9	3	J
6	688	3.7	121	J	5.1	3	160	-4.1	1.5	-0.1	3	J
7	732	3.8	253	J	6.6	30	88	0.2	6.1	1.6	2	J
8	718	3.9	263	J	6.5	15	95	-0.5	5.9	-0.3	3	J
9	727	3.[illegible]	244	J	5.5	-15	81	0.6	3.4	-2.4	3	J
10					5.1	-30	86	0.2	2.4	-2.9	3	J
11					4.5	1	104	-0.7	2.7	-0.9	3	J
12					4.5	27	118	-0.6	1.3	0.2	4	J
13					4.9	29	182	-1.1	0.2	0.6	5	J
14					4.7	-23	184	-3.3	-0.6	-1.3	3	J
15					4.4	2	143	-3.0	2.3	-0.4	2	J
16												
17	648	3.3	175	L	4.6	34	57	0.9	1.5	0.9	4	J
18	636	3.2	185	L								
19					5.3	16	150	-3.6	2.1	1.1	3	J
20	686	3.1	130	J	5.0	35	162	-3.3	1.1	2.5	3	J
21	663	4.2	262	J	4.8	-26	125	-2.0	2.9	-1.6	3	J
22	642	3.7	212	J	4.5	-30	119	-1.0	1.9	-1.1	4	J
23	652	3.6	205	J	5.0	-37	133	-1.8	2.1	-1.8	4	J
24	657	3.9	213	J	5.6	-24	201	-3.4	-1.2	-1.7	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 3, 1975							337
1	647	4.7	247	J	6.5	19	173	-5.3	0.6	1.9	3	J
2	649	4.2	188	L	7.6	63	160	-2.3	0.7	4.7	8	J
3	631	3.6	136	J	5.8	47	148	-3.2	2.1	4.0	2	J
4	622	3.4	90	J	5.3	29	162	-4.2	1.6	2.4	1	J
5	632	3.2	117	J	5.1	33	148	-3.2	2.3	2.1	2	J
6	629	3.4	124	J	5.2	44	157	-3.2	2.0	3.0	2	J
7	617	3.4	98	J	4.9	25	160	-3.7	1.8	1.4	2	J
8	630	3.7	115	J	5.1	24	141	-2.9	2.7	0.9	3	J
9	614	3.9	81	J	6.3	17	170	-4.9	1.3	1.2	2	J
10	619	3.7	91	J								
11	622	3.8	129	J								
12	600	4.0	120	J	4.9	5	160	-4.5	1.7	-0.2	1	J
13	603	3.9	169	J	4.8	-31	218	-2.2	-2.1	-1.0	3	J
14	593	3.9	196	J	4.3	-26	219	-2.0	-1.9	-0.7	3	J
15	581	4.2	192	J	4.5	-10	151	-3.0	1.5	-1.0	3	J
16	598	4.2	162	J	4.5	14	116	-1.4	3.1	0.3	3	J
17	580	4.4	142	J	4.8	28	152	-2.6	1.6	1.3	3	J
18	574	4.9	188	J	4.5	3	136	-2.5	2.4	-0.0	3	J
19	564	4.1	104	J	3.9	5	163	-2.9	0.9	0.2	2	J
20	603	4.7	141	J	4.6	1	85	0.3	3.1	0.1	4	J
21	581	4.5	149	J	4.3	12	124	-1.7	2.5	0.8	3	J
22	584	4.5	140	J	4.3	-28	109	-1.1	3.4	-1.6	2	J
23	567	4.5	107	J	4.0	-12	153	-2.6	1.4	-0.5	3	J
24	566	4.3	101	J	4.2	-15	141	-2.6	2.2	-0.7	2	J

DEC. 4, 1975 338

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	565	4.5	82	J	4.6	2	138	-3.2	2.9	0.3	1	J
2	559	4.3	77	J	4.7	27	153	-3.3	1.6	1.9	2	J
3	562	4.1	79	J	4.8	5	124	-2.6	3.8	0.3	1	J
4	564	4.0	83	J	4.6	-9	112	-1.6	4.3	-1.0	2	J
5	554	4.0	81	J	4.5	-3	137	-2.8	2.6	-0.6	2	J
6					4.2	-4	115	-1.4	2.9	-0.8	3	J
7					4.4	8	129	-2.2	2.7	-0.2	3	J
8	548	4.5	105	J	4.5	-14	96	-0.4	3.4	-2.1	2	J
9	533	4.0	100	L	4.6	-7	100	-0.7	3.7	-1.8	2	J
10												
11	550	5.3	93	J	4.9	-2	59	2.0	3.0	-1.2	3	J
12	543	5.5	112	J	5.3	16	71	1.3	3.8	-0.2	3	J
13	542	5.0	95	J	5.2	-18	75	1.2	3.7	-2.7	2	J
14	526	5.4	128	L	3.8	-56	111	-0.7	0.9	-3.1	2	J
15	485	7.7	115	J	4.5	-22	117	-1.7	2.9	-2.3	2	J
16	515	5.4	81	J	5.0	-1	73	1.2	3.8	-0.8	3	J
17	509	5.4	74	J	4.7	18	101	-0.7	3.9	0.7	2	J
18	503	5.5	74	J	4.0	3	112	-1.3	3.2	-0.1	2	J
19	482	5.3	94	J	4.6	11	147	-3.5	2.3	0.8	2	J
20	460	5.6	63	J	5.0	-7	180	-4.5	0.0	-0.5	2	J
21	466	6.0	88	J	5.5	-20	193	-4.5	-0.9	-1.7	2	J
22	462	5.4	91	L	4.8	-15	176	-4.3	0.4	-1.1	1	J
23	462	5.3	92	L	4.1	3	146	-2.9	1.9	0.4	2	J
24	462	5.1	94	L								

DEC. 5, 1975 339

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	459	6.2	103	L								
2	462	6.3	87	L								
3	458	6.7	90	L								
4	445	7.9	76	L								
5	439	5.8	75	L								
6	439	6.4	76	L								
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 9, 1975 343

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	406	10.0	53	L								
22	418	13.7	46	L								
23	416	12.9	59	L								
24	410	9.0	41	J								

DEC. 10, 1975 344

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	412	7.7	26	J	7.7	21	358	7.1	-0.5	2.7	1	J
2	409	7.5	26	J	7.2	13	1	7.0	0.0	1.6	1	J
3	409	6.8	29	J	7.2	6	11	7.0	1.3	0.8	1	J
4	408	6.6	28	J	7.1	13	5	6.8	0.6	1.6	1	J
5	407	7.5	36	J	6.8	15	1	6.5	0.3	1.7	1	J
6	408	8.4	43	J	6.9	23	353	6.2	-0.4	2.7	1	J
7	407	8.6	42	J	7.8	26	346	6.5	-0.9	3.5	2	J
8	413	8.9	74	J	7.3	12	326	5.8	-3.4	2.4	2	J
9	413	7.7	79	J	7.3	7	327	5.7	-3.4	1.9	2	J
10	405	7.9	109	J	5.3	-11	291	0.7	-1.9	0.2	5	J
11	435	10.4	60	J	6.1	-34	146	-3.8	1.5	-3.7	3	J
12	398	11.4	34	J	8.6	-30	137	-5.2	3.5	-5.3	2	J
13	396	11.2	33	J	8.7	-18	126	-4.7	5.6	-4.3	1	J
14	390	10.9	34	J	7.7	-27	146	-4.9	2.5	-3.7	4	J
15	387	11.8	23	J	7.0	-20	130	-4.0	4.2	-3.1	2	J
16	398	10.1	46	J	5.9	-3	97	-0.5	3.7	-0.7	4	J
17	447	6.6	129	J	4.6	12	353	4.2	-0.4	0.9	1	J
18	442	6.3	133	J	5.8	10	354	5.6	-0.6	1.0	1	J
19	450	5.1	96	J	7.3	16	7	6.8	0.8	2.0	1	J
20	465	4.9	139	J	7.7	18	342	6.6	-2.3	2.1	2	J
21	467	4.4	120	J	6.7	14	337	5.8	-2.6	1.3	1	J
22	456	4.4	84	J	6.9	19	310	3.9	-4.9	1.5	3	J
23	463	5.0	100	J	5.8	11	286	1.2	-4.3	0.3	4	J
24	445	4.0	78	J	5.8	15	328	4.4	-2.9	1.0	2	J

DEC. 11, 1975 345

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	430	5.3	83	J	5.3	22	310	2.9	-3.7	1.4	2	J
2	432	6.8	70	J	4.9	20	304	2.2	-3.4	1.2	2	J
3	407	7.9	59	J	4.6	-18	213	-2.0	-1.3	-0.6	4	J
4	394	8.8	41	J	3.5	-22	127	-1.6	2.1	-1.1	2	J
5	384	9.8	39	J	4.1	-29	136	-2.3	2.1	-2.0	1	J
6	376	8.8	39	J	5.3	-11	144	-3.9	2.7	-1.3	2	J
7	372	11.1	50	J	4.3	-10	136	-2.5	2.3	-1.1	2	J
8	384	11.9	43	J	4.6	-14	78	0.5	2.2	-1.2	4	J
9	413	15.3	57	J	4.8	29	355	3.1	0.2	1.8	3	J
10	416	18.1	35	J	4.8	35	1	3.7	0.8	2.5	2	J
11	407	13.9	42	J	5.3	31	272	0.1	-3.0	3.3	3	J
12	399	10.3	47	J	5.9	24	267	-0.3	-4.5	3.8	1	J
13	396	11.3	50	J	5.7	6	253	-1.4	-4.2	1.6	3	J
14	387	6.9	56	J	6.6	19	279	0.9	-4.9	3.1	3	J
15	403	7.7	92	L	6.6	5	252	-1.5	-4.6	1.3	4	J
16	443	6.4	96	J	5.8	31	237	-1.5	-2.1	2.0	5	J
17	434	7.3	75	J	5.9	6	271	0.1	-4.8	0.9	3	J
18	433	8.2	69	J	6.9	-1	265	-0.5	-6.2	0.1	3	J
19	417	9.2	88	J	6.6	24	336	4.4	-2.0	2.1	4	J
20	448	9.9	82	J	7.1	-22	230	-4.1	-4.6	-2.9	2	J
21	416	10.1	66	J	6.9	53	340	3.6	-1.8	4.9	3	J
22	414	10.7	67	J	7.2	62	349	2.9	-1.2	5.4	4	J
23	407	9.3	67	J	7.1	31	303	3.0	-5.1	2.7	3	J
24	396	9.8	73	J	6.3	42	314	3.0	-3.6	3.4	2	J

DEC. 12, 1975 346

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	399	9.5	75	J	6.2	50	328	2.6	-2.0	3.4	4	J
2	402	9.0	73	J	6.6	48	336	3.6	-2.0	4.2	3	J
3	420	9.0	94	J	6.3	29	250	-1.9	-5.2	2.8	1	J
4	414	9.4	87	J	6.0	59	289	0.8	-2.2	3.9	4	J
5	412	10.6	95	J	5.7	33	263	-0.5	-3.6	2.8	3	J
6	417	12.1	119	J	5.8	43	280	0.6	-2.9	3.6	3	J
7	416	10.3	87	J	6.8	52	321	1.3	-0.6	2.3	6	J
8	410	8.0	84	J	7.3	24	29	5.8	3.8	2.1	1	J
9	409	7.7	95	J	6.9	25	15	6.0	2.3	2.3	1	J
10	401	7.7	147	J	6.5	18	357	6.0	0.2	2.0	2	J
11	397	7.1	123	J	5.8	13	341	5.1	-1.3	1.7	2	J
12	418	7.0	67	J	5.7	8	255	-1.2	-4.2	1.9	3	J
13	433	6.5	40	J	5.8	10	195	-5.4	-1.2	1.3	1	J
14	419	6.2	45	J	5.4	20	239	-2.5	-3.7	2.6	1	J
15	410	6.4	48	J	4.8	19	247	-1.7	-3.8	2.2	1	J
16	406	6.1	56	J	4.2	8	239	-1.6	-2.6	0.8	3	J
17	398	6.5	50	J	3.9	10	223	-2.7	-2.4	0.8	1	J
18	395	6.9	51	J	3.6	29	236	-1.7	-2.4	1.7	1	J
19	397	7.1	44	J	3.5	30	240	-1.5	-2.6	1.6	1	J
20	400	7.0	52	J	2.6	27	259	-0.3	-1.4	0.6	2	J
21	400	7.1	52	L	4.1	40	289	0.8	-2.4	1.7	3	J
22					4.1	24	273	0.2	-3.6	1.1	2	J
23					4.2	24	97	-0.3	1.9	1.2	4	J
24					3.9	18	339	2.7	-1.1	0.8	3	J

DEC. 13, 1975 347

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					3.8	28	302	1.7	-2.9	1.3	1	J
2	367	6.3	45	J	3.7	25	309	2.0	-2.6	1.2	1	J
3	371	7.2	50	J	3.8	23	325	2.7	-2.0	1.3	1	J
4	365	6.2	58	L	3.9	7	331	3.0	-1.7	0.4	2	J
5	372	7.0	29	J	3.6	11	301	1.4	-2.2	0.7	2	J
6	381	9.5	36	J	4.0	39	249	-1.1	-2.4	2.7	1	J
7					4.0	40	252	-0.9	-2.2	2.8	1	J
8					4.3	19	328	3.1	-1.6	1.7	2	J
9					4.2	-3	323	2.5	-1.8	0.3	3	J
10					3.8	28	230	-2.0	-1.8	2.2	2	J
11					4.0	34	231	-1.8	-1.6	2.5	2	J
12	362	10.5	37	L	4.4	27	242	-1.5	-2.2	2.3	3	J
13	364	10.3	40	L	4.8	9	238	-2.3	-3.3	1.5	2	J
14	365	9.9	43	L	4.8	13	256	-1.0	-3.9	1.8	2	J
15	367	8.8	56	L	4.8	16	343	2.4	-0.6	0.8	4	J
16	363	8.8	54	L	4.8	12	6	4.0	0.5	0.8	3	J
17	362	9.1	40	L	4.7	-22	5	4.2	0.3	-1.7	1	J
18	364	8.9	58	L	4.6	-19	8	4.1	0.6	-1.4	1	J
19	356	10.0	50	L								
20	357	8.7	52	L								
21	341	8.9	41	L								
22	349	12.6	43	L								
23	351	12.8	36	L								
24												

DEC. 14, 1975 348

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					6.7	20	278	0.7	-4.5	2.6	4	J
8					6.7	40	336	3.6	-0.9	3.6	4	J
9					7.1	-5	274	0.4	-6.1	1.0	4	J
10					7.9	2	277	0.5	-4.2	1.3	7	J
11					9.0	27	329	6.7	-2.8	4.9	2	J
12					9.6	23	332	7.3	-2.8	4.4	3	J
13					9.5	-18	249	-2.2	-5.9	-0.6	7	J
14	358	19.5	41	L	10.7	41	353	6.7	0.4	6.0	6	J
15					7.1	15	265	-0.2	-1.6	0.7	7	J
16	457	11.0	183	L	8.3	-15	242	-2.8	-5.4	-1.0	6	J
17					8.2	5	291	2.3	-6.0	0.9	5	J
18	450	13.1	194	L	7.7	12	303	3.5	-5.3	1.4	4	J
19	441	12.7	161	L	7.6	10	316	4.1	-4.0	0.8	5	J
20	440	11.7	182	J	8.1	15	307	3.5	-4.8	1.1	6	J
21					8.9	-42	251	-1.1	-2.9	-3.5	8	J
22	420	9.3	120	J	9.2	5	322	5.7	-4.5	-0.0	6	J
23	416	8.6	72	J	10.6	18	332	8.7	-5.1	2.4	2	J
24	414	8.7	91	J	10.1	15	319	6.7	-6.1	1.4	4	J

12/15/75 - 12/25/75

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 15, 1975							349
1					8.9	-5	307	3.6	-4.7	-1.2	7	J
2	421	9.1	90	J	8.0	-55	225	-2.1	-1.6	-4.5	5	J
3	405	7.4	63	J								
4	404	5.8	70	J								
5	427	7.1	70	J	8.6	16	339	6.6	-2.5	2.2	4	J
6	448	7.3	94	J	8.7	32	3	7.3	0.9	4.5	2	J
7	483	7.1	145	J	8.0	-7	340	5.5	-2.1	-0.4	5	J
8												
9	477	4.8	99	J	8.2	10	328	6.8	-3.8	2.4	1	J
10	456	6.4	82	J	6.8	22	356	6.2	0.2	2.5	1	J
11	475	5.6	112	J	7.6	8	330	6.0	-3.1	1.9	3	J
12	488	5.4	103	J	7.2	0	327	5.7	-3.6	0.9	2	J
13	489	5.4	85	J	7.3	11	341	6.4	-1.8	1.8	2	J
14	507	5.5	107	J	8.3	-8	308	4.9	-6.3	0.1	2	J
15	509	6.1	93	J	8.4	-10	292	2.9	-7.3	-0.2	3	J
16	482	7.0	108	J	7.9	0	313	5.3	-5.7	0.6	2	J
17	469	7.0	120	J	8.1	-2	321	6.1	-5.0	-0.0	2	J
18	471	6.0	94	J	8.0	6	306	4.5	-6.2	0.8	2	J
19	463	6.0	80	J	7.7	2	302	4.0	-6.4	-0.1	2	J
20	458	6.6	80	J	8.2	3	308	4.7	-6.1	-0.2	3	J
21	477	6.0	72	J	8.8	8	306	4.7	-6.6	0.3	3	J
22	509	6.1	72	J	9.3	20	339	8.0	-3.5	2.6	2	J
23	532	10.0	150	J	7.9	15	327	5.3	-3.7	1.1	4	J
24	533	10.9	170	J	8.2	24	321	4.5	-4.1	1.9	5	J
					DEC. 16, 1975							350
1	527	11.8	188	J	6.9	-1	291	2.3	-5.8	-1.0	3	J
2	527	9.1	181	J	6.5	-15	174	-5.8	0.8	-1.5	3	J
3	528	9.9	174	J	5.8	-40	193	-3.3	-0.5	-2.9	4	J
4	542	9.5	203	J	5.5	-37	262	-0.3	-2.4	-1.9	5	J
5	539	8.2	248	J	6.0	0	30	2.8	1.6	-0.1	5	J
6	539	8.2	218	J	6.6	17	39	3.4	2.9	1.1	5	J
7	560	9.1	254	J	5.6	-2	310	2.0	-2.4	0.3	5	J
8	565	7.0	222	J	9.3	4	315	5.7	-5.5	1.7	4	J
9	562	5.9	170	J	9.5	13	325	7.0	-4.3	3.1	3	J
10	567	7.1	218	J	9.1	14	319	6.1	-4.7	3.3	3	J
11	576	7.1	272	J	7.4	17	326	5.4	-3.0	2.9	3	J
12	558	7.7	174	J	7.3	-7	328	5.8	-3.7	0.1	2	J
13	538	8.6	321	J	7.9	5	328	6.6	-3.9	1.6	1	J
14	531	6.9	191	J	10.3	14	301	5.0	-7.8	4.0	2	J
15	556	7.5	244	J	8.3	11	309	4.6	-5.5	2.3	4	J
16	601	7.0	238	J	6.6	-5	287	1.7	-5.7	0.0	3	J
17	592	7.1	258	J	5.7	-15	343	3.2	-1.0	-0.9	4	J
18	610	6.8	213	J	6.3	57	351	2.0	-0.4	3.2	5	J
19	572	6.0	164	J	6.6	28	351	5.0	-0.9	2.6	3	J
20	553	6.5	128	J	7.3	14	336	5.7	-2.7	1.3	3	J
21	550	6.6	136	J	6.6	18	333	4.8	-2.7	1.4	3	J
22	564	6.3	144	J	5.6	14	318	3.6	-3.4	0.7	3	J
23	562	6.2	123	J	5.8	25	312	3.3	-4.0	1.6	2	J
24	549	5.8	109	J	6.7	6	314	4.4	-4.6	-0.1	2	J
					DEC. 17, 1975							351
1	541	6.1	105	J	6.7	4	302	3.4	-5.4	-0.4	2	J
2	543	6.8	118	J	6.8	4	293	2.4	-5.7	-0.3	3	J
3	544	7.4	115	J	6.3	-15	265	-0.5	-5.6	-2.0	2	J
4	533	7.2	120	J	6.4	-17	268	-0.2	-4.8	-1.6	4	J
5	511	5.8	85	J	8.2	-20	321	4.7	-3.9	-2.1	5	J
6	493	5.2	50	J	9.8	-4	340	8.7	-3.2	-0.3	3	J
7	487	5.1	77	J	9.0	19	8	8.1	1.6	2.6	2	J
8	491	5.3	105	J	8.2	30	21	6.4	3.2	3.4	2	J
9	515	4.7	124	J	8.2	31	21	6.3	3.3	3.4	2	J
10	521	4.7	126	J	6.4	9	326	4.6	-2.8	1.6	3	J
11	537	4.1	185	J	5.3	5	315	3.6	-3.4	1.3	1	J
12	513	3.9	130	J	5.4	-5	311	3.3	-3.8	0.5	2	J
13	526	4.0	117	J	5.1	2	336	4.4	-1.9	0.6	2	J
14	584	4.8	127	J	5.5	8	353	5.3	-0.5	0.9	1	J
15	576	4.1	141	J								
16	560	3.6	136	J								
17	561	3.4	105	J								
18	549	3.7	111	J								
19	495	4.5	79	L								
20	580	0.0	0	H								
21	563	4.2	163	L								
22	557	4.6	189	L								
23	528	4.1	179	L								
24	532	4.0	134	L								
					DEC. 18, 1975							352
1	515	4.3	145	L								
					DEC. 22, 1975							356
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	466	11.9	183	L								
13	480	12.2	172	L								
14	492	10.6	180	L								
15	494	12.8	161	L								
16	471	10.1	123	J								
17	477	9.1	136	J								
18	469	9.2	193	J								
19	480	8.6	133	J								
20	479	8.9	156	J								
21	473	8.0	152	J								
22	470	6.8	127	J								
23	457	7.0	95	J								
24	452	7.3	76	J								
					DEC. 23, 1975							357
1	453	6.8	81	J								
2	449	7.5	92	J								
3	427	6.6	141	J								
4	437	6.7	89	J								
5	438	6.2	87	J								
6	430	6.4	102	J								
7	429	6.5	102	J								
8	432	5.8	88	J								
9	423	5.3	90	J	3.8	-8	345	3.3	-0.9	-0.3	2	J
10	430	5.2	105	J	4.0	-15	329	3.1	-2.1	-0.6	1	J
11	432	4.9	104	J	3.9	-26	338	3.1	-1.6	-1.3	1	J
12	434	5.0	81	J	3.9	-20	318	2.5	-2.5	-0.8	2	J
13	425	4.8	49	J	4.3	-13	316	2.5	-2.5	-0.4	2	J
14	404	9.6	26	J	3.0	-17	340	2.3	-1.0	-0.6	2	J
15	389	9.0	27	J	3.9	24	235	-1.9	-2.6	1.8	1	J
16	384	10.6	26	J	3.9	23	214	-2.8	-1.8	1.5	1	J
17	375	11.3	23	J	4.0	4	198	-3.7	-1.2	0.3	1	J
18	372	10.2	26	J	4.2	0	209	-3.5	-1.9	-0.1	1	J
19	364	10.1	32	J	2.8	11	213	-1.0	-0.7	3.2	3	J
20	361	11.2	23	J	3.2	-11	241	-1.5	-2.5	-1.0	1	J
21	362	13.0	23	J	3.5	-10	257	-0.7	-3.0	-1.2	1	J
22	374	15.6	25	J	4.8	30	346	3.8	-1.4	2.0	2	J
23	380	9.7	48	J	4.7	7	316	2.9	-2.9	-0.2	2	J
24	390	6.3	76	J	6.8	14	356	6.5	-0.8	1.5	1	J
					DEC. 24, 1975							358
1	370	7.0	35	J	5.5	14	346	5.0	-1.5	1.0	1	J
2	368	6.6	39	J	5.5	9	354	5.2	-0.7	0.7	1	J
3	367	7.0	39	J	5.6	0	349	5.3	-1.0	-0.1	1	J
4	374	6.2	62	J	5.3	11	346	5.0	-1.3	0.9	1	J
5	374	7.7	62	J	5.0	8	337	4.3	-1.8	0.6	2	J
6	361	7.4	45	J	5.8	17	344	5.2	-1.4	1.7	1	J
7	350	6.5	42	L	5.6	16	346	5.1	-1.1	1.6	1	J
8	348	8.0	41	L	6.1	18	352	5.6	-0.5	1.9	1	J
9	344	6.9	40	L	5.7	15	348	5.4	-0.9	1.7	1	J
10	340	5.9	38	L	5.2	14	344	4.8	-1.1	1.5	1	J
11	341	6.0	35	L	5.3	18	344	4.8	-1.0	1.8	1	J
12	334	6.2	36	L	5.3	15	341	4.7	-1.4	1.6	1	J
13	336	6.0	42	L	5.2	14	339	4.6	-1.6	1.5	1	J
14	339	7.1	39	L	5.5	20	338	4.6	-1.6	2.0	1	J
15	349	9.4	50	L	5.3	26	339	4.3	-1.4	2.4	1	J
16	348	10.0	49	L	4.6	25	310	2.4	-2.8	1.9	2	J
17					5.6	23	319	3.1	-2.7	1.7	3	J
18	349	10.9	47	L	5.4	31	338	4.1	-1.8	2.6	2	J
19	348	9.9	43	L	5.5	27	325	3.6	-2.7	1.9	2	J
20	353	8.8	29	L	5.5	-40	207	-3.6	-1.2	-3.6	2	J
21	351	8.4	35	L	5.4	-47	205	-3.3	-0.7	-4.2	1	J
22	352	10.7	23	L	4.8	-30	165	-3.8	1.5	-2.0	1	J
23	361	12.6	34	L	4.2	-15	220	-1.9	-1.4	-1.0	3	J
24	362	15.7	25	L	4.5	-22	242	-1.8	-3.0	-2.3	2	J
					DEC. 25, 1975							359
1	358	17.1	22	L	4.5	-36	219	-2.7	-1.6	-2.9	1	J
2	352	17.5	21	L	5.6	-37	198	-4.2	-0.7	-3.5	1	J
3	357	18.3	39	L	6.8	-48	201	-4.1	-0.8	-5.0	2	J
4	381	26.1	43	L	9.9	-63	141	-3.2	3.4	-7.8	4	J
5	380	30.9	49	L	10.7	-36	123	-4.3	6.8	-5.5	4	J
6	379	30.4	59	L	11.5	-10	111	-3.5	9.0	-2.0	6	J
7					8.9	29	141	-6.0	5.2	3.8	1	J
8					12.3	10	132	-6.2	7.0	0.7	2	J
9	366	33.5	48	L	13.4	41	151	-8.5	6.1	7.6	4	J
10	374	20.6	88	L	13.3	34	158	-9.5	5.0	6.0	5	J
11					10.9	4	110	-2.5	6.7	-0.8	9	J
12												
13	382	14.5	185	L								
14	401	11.5	157	L								
15	391	13.3	128	L								
16	417	12.0	142	L								
17	434	13.6	126	L								
18	434	12.9	102	J	10.0	-6	145	-8.0	5.7	-0.6	2	J
19	417	15.6	107	L	10.0	-8	146	-7.7	5.3	-0.7	3	J
20	433	16.2	107	J	10.7	-11	137	-7.5	7.2	-0.8	3	J
21	471	12.4	128	J	12.4	0	138	-8.6	7.6	1.6	4	J
22	489	10.6	98	J	13.4	-16	139	-9.6	9.0	-1.6	2	J
23	487	11.0	143	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 26, 1975							360
1												
2												
3					11.4	12	162	-8.9	2.6	2.4	7	J
4												
5												
6	559	8.9	236	L	6.5	-22	126	-0.6	0.8	-0.4	9	J
7	551	9.0	227	L	9.4	-8	121	-2.4	3.9	-1.0	8	J
8					10.3	-21	115	-3.6	7.3	-4.2	5	J
9					7.7	-61	135	-1.6	0.9	-4.3	6	J
10					6.7	-70	18	1.8	-0.3	-5.1	4	J
11					5.2	-75	60	0.6	0.2	-4.4	3	J
12					7.4	-59	285	0.8	-3.6	-4.3	5	J
13	639	5.2	172	J	7.0	-8	131	-3.4	3.8	-1.3	4	J
14					6.2	-41	104	-0.7	2.6	-2.9	5	J
15	668	4.1	287	L								
16	676	4.4	332	L								
17	672	4.7	317	L	4.9	17	129	-2.8	3.4	1.4	2	J
18	628	3.7	287	J	5.2	13	175	-3.5	0.2	0.8	4	J
19	654	4.9	271	J	5.2	14	105	-0.8	2.8	1.1	4	J
20	634	5.5	323	J	5.1	-24	146	-3.3	2.5	-1.3	3	J
21	621	5.4	241	J	5.5	-27	146	-3.6	2.9	-1.7	2	J
22	604	5.7	288	J	7.1	24	49	1.9	1.8	1.8	6	J
23	603	7.1	364	J	6.1	-61	66	0.2	0.8	-0.9	6	J
24	591	8.8	220	J	8.1	-18	154	-3.8	2.2	-0.9	7	J
					DEC. 27, 1975							361
1	545	9.5	147	J	10.7	27	146	-7.7	4.3	5.5	3	J
2	578	9.1	256	J	8.8	-25	107	-2.0	6.8	-2.4	5	J
3	587	7.0	263	J	8.9	-29	116	-3.1	6.6	-3.6	3	J
4	622	6.0	240	J	8.5	-54	203	-0.9	-0.4	-1.3	8	J
5	659	5.7	281	J	8.1	-45	112	-2.0	4.7	-5.8	2	J
6	661	5.1	301	J	6.8	-51	155	-2.6	0.8	-3.6	5	J
7	699	5.3	260	J	5.8	24	281	0.9	-4.5	2.9	2	J
8	685	5.1	243	J	6.5	21	290	1.9	-4.7	3.0	3	J
9	679	5.5	264	J	6.9	38	268	-0.2	-4.3	4.8	2	J
10	672	4.7	320	J	7.5	45	210	-4.4	-1.6	5.4	2	J
11	643	4.6	324	J	8.7	42	187	-6.1	0.1	5.6	3	J
12	621	4.3	193	J	9.2	13	158	-7.7	3.3	1.6	3	J
13	646	5.0	345	J	9.2	-16	118	-3.9	7.1	-2.9	3	J
14	636	5.1	297	J	9.4	-39	135	-4.7	4.6	-5.4	4	J
15	636	4.7	310	J	8.9	-37	118	-3.1	6.0	-4.7	3	J
16	618	5.2	309	J	8.6	-30	124	-3.7	5.8	-3.3	4	J
17	624	4.6	310	J	9.1	-5	112	-3.1	7.7	0.3	4	J
18	651	4.8	258	J	8.4	-53	127	-2.0	3.4	-3.8	6	J
19	671	4.0	174	J	6.1	-33	157	-4.3	2.5	-2.6	2	J
20	690	3.5	151	J	5.6	-37	140	-2.9	3.1	-2.2	3	J
21	690	3.3	163	J	5.7	-2	130	-2.8	3.2	0.7	4	J
22	675	3.2	143	J	6.5	-19	135	-3.9	4.3	-0.8	2	J
					DEC. 28, 1975							362
1	688	3.3	183	J	5.6	-35	133	-2.6	3.4	-1.9	3	J
2	653	3.2	176	J	6.0	-13	174	-4.6	0.7	-0.9	4	J
3	686	3.6	199	J	6.2	22	158	-3.4	1.1	1.7	5	J
4	676	3.5	154	J	6.5	6	187	-4.8	-0.6	0.4	4	J
5												
6												
7												
8	659	4.5	285	J	6.9	19	192	-5.9	-1.0	2.2	2	J
9	660	4.7	244	J	7.6	27	199	-6.2	-1.6	3.6	2	J
10	655	5.1	245	J	7.8	39	196	-5.5	-0.8	4.8	3	J
11	632	4.8	177	J	8.8	33	174	-6.8	1.4	4.2	4	J
12	662	4.9	368	J	8.2	39	154	-5.2	3.2	4.2	3	J
13	633	4.6	262	J	8.7	41	172	-5.8	1.5	4.9	4	J
14	636	5.1	287	J	9.1	50	174	-5.1	1.1	6.0	4	J
15	626	5.7	283	J	8.6	38	147	-5.1	3.6	4.5	4	J
16	614	6.9	294	L	9.0	29	148	-5.9	3.7	3.8	4	J
17	655	8.0	331	J	8.1	-1	104	-1.4	5.4	0.1	6	J
18	621	7.4	289	J	8.0	31	129	-3.4	3.9	3.6	5	J
19	601	7.6	393	J	7.5	10	151	-5.5	2.9	1.5	4	J
20	603	7.3	369	J	7.5	17	135	-3.6	3.2	2.2	5	J
21	601	6.6	281	J	8.1	41	124	-2.3	2.5	4.3	6	J
22	582	5.5	255	J	8.9	-15	82	1.1	7.8	-0.1	4	J
23	604	4.6	200	J	7.8	-5	105	-1.6	6.1	1.1	5	J
24	653	3.9	205	J	6.2	18	133	-2.3	2.1	1.7	5	J
					DEC. 29, 1975							363
1	653	3.9	186	J	5.7	-14	124	-2.3	3.6	-0.1	4	J
2	632	3.6	129	J	5.5	21	152	-3.9	1.6	2.1	3	J
3	622	3.8	112	J	5.7	10	190	-4.9	-1.0	0.7	3	J
4	643	3.9	170	J	5.7	-8	204	-4.2	-1.8	-3.9	3	J
5	642	3.8	155	J	5.9	-33	196	-3.6	-0.9	-2.5	4	J
6	627	3.6	113	J	5.8	-31	196	-4.5	-1.3	-2.8	2	J
7	623	3.5	99	J	5.7	-22	170	-4.6	0.7	-1.9	3	J
8	610	3.3	78	J	5.7	-15	168	-4.7	0.9	-1.4	3	J
9	615	3.3	90	J	5.5	-18	145	-4.0	2.5	-1.9	2	J
10	601	3.2	111	J	5.6	1	164	-4.4	1.3	-0.1	3	J
11	608	2.7	119	J	5.7	28	117	-1.8	3.8	1.5	3	J
12	618	2.7	125	J	5.6	13	121	-2.2	3.7	0.4	4	J
13	629	2.8	136	J	5.7	-3	102	-1.0	4.8	-0.9	3	J
14	598	2.8	122	J	5.7	5	140	-3.9	3.3	0.1	3	J
15	595	3.0	101	J	5.6	5	151	-4.4	2.4	0.3	3	J
16	619	3.5	140	J	5.1	19	155	-3.3	1.5	1.2	3	J
17	632	3.5	150	J	5.1	14	111	-1.4	3.6	1.1	3	J
18	617	3.4	123	J	5.6	11	125	-2.8	3.8	1.3	3	J
19	605	3.2	125	J	5.2	-30	123	-2.1	3.5	-1.7	3	J
20	606	3.3	133	J	5.3	0	128	-2.8	3.6	0.7	3	J
21	610	3.4	136	J	5.6	23	130	-2.7	2.7	2.4	3	J
22	610	3.6	159	J	5.3	-18	145	-2.2	1.7	-0.4	4	J
23	601	3.8	174	J	5.4	23	144	-2.6	1.4	1.8	4	J
24	601	4.0	162	J	5.2	8	144	-2.9	1.9	1.1	4	J
					DEC. 30, 1975							364
1	612	4.2	157	J	5.3	34	134	-2.5	1.9	3.0	3	J
2	614	4.3	152	J	5.2	-5	118	-1.9	3.5	0.5	3	J
3	629	4.4	175	J	5.0	10	106	-0.9	3.1	1.2	3	J
4	609	4.6	162	J	4.9	7	157	-3.5	1.4	0.7	3	J
5	626	4.5	188	J	4.2	-1	113	-0.9	2.1	0.1	3	J
6	615	4.4	187	J	8.5	32	112	-2.5	6.2	4.3	6	J
7					13.5	21	120	-5.9	10.4	4.1	4	J
8												
9												
10												
11	587	3.3	166	L								
12	586	3.8	171	L								
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					JAN. 3, 1976							3
	329	10.1	153	J								
	313	10.9	147	J								
	335	19.5	139	J								
	339	25.5	151	J								
	341	20.3	139	J								
	339	19.4	172	J								
	340	15.5	166	J								
	402	13.4	300	J								
	412	24.0	398	J								
	436	23.7	459	J								
	453	18.8	527	J								
	531	16.5	218	J								
	512	13.6	434	J								
	472	12.4	432	J								
	466	8.8	394	J								
	486	11.8	627	J								
	518	18.3	403	J								
	546	15.4	324	J								
	536	14.2	244	J								
	535	13.4	217	J								
	525	16.7	272	J								
	525	11.7	166	J								
	521	13.6	182	J								
					JAN. 4, 1976							4
1	509	15.0	234	J								
2	509	11.3	127	J								
3	504	12.3	168	J								
4	508	10.7	142	J								
5	504	11.8	144	J								
6	528	9.1	126	J								
7	543	9.2	115	J								
8	519	9.7	140	J								
9	515	9.3	137	J								
10	503	8.9	93	J								
11	514	8.1	114	J								
12	507	7.8	78	J								
13	511	8.3	91	J								
14	517	8.5	91	J								
15	531	9.2	116	J								
16	530	9.5	115	J								
17	521	9.4	124	J								
18	534	9.8	145	J								
19	519	10.1	143	J								
20	531	9.2	136	J								
21	536	8.5	136	J								
22	522	8.2	118	J								
23	539	7.5	102	J								
24	529	7.5	99	J								
					JAN. 5, 1976							5
	531	7.2	91	J								
	514	7.2	92	J								
	519	7.8	90	J								
	520	7.0	77	J								
	511	7.1	82	J								
	515	6.5	82	J								
	531	5.8	73	J	5.7	-22	188	-4.7	-0.6	-1.9	3	J
	525	6.1	64	J	6.1	-15	194	-5.3	-1.4	-1.4	2	J
	514	6.4	68	J	6.3	-20	196	-4.8	-1.5	-1.7	3	J
	480	6.8	83	J	5.3	-38	256	-0.8	-3.5	-2.3	3	J
	487	5.9	84	J	5.3	-18	283	1.0	-4.3	-0.9	3	J
	487	6.2	86	J	5.5	-17	307	2.4	-3.2	-0.9	4	J
	496	6.2	72	J	5.1	2	272	0.1	-4.4	0.5	3	J
	486	5.8	73	J	5.2	-2	289	1.5	-4.3	0.0	2	J
	474	5.9	83	J	5.8	16	307	3.1	-4.1	1.5	2	J
	469	5.9	79	J	5.5	9	301	2.2	-3.8	0.5	3	J
	464	5.8	75	J	5.4	21	323	3.6	-2.9	1.4	2	J
	466	6.5	65	J	5.5	39	343	3.6	-1.5	2.8	3	J
	463	6.9	70	J	5.5	12	310	2.8	-3.5	0.2	3	J
	479	7.0	69	J	5.3	1	280	0.8	-4.5	-1.1	2	J
	465	6.7	64	J	5.4	8	297	2.1	-4.2	-0.5	2	J
	461	6.9	84	L								
	458	8.5	73	J	6.0	24	306	3.1	-4.7	0.8	2	J
	444	6.9	68	J	5.7	16	316	3.6	-3.8	0.2	2	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
					JAN. 6, 1976							6
1	437	6.4	69	J	5.6	9	325	4.2	-3.1	-0.1	2	J
2	438	7.9	61	J	6.2	4	310	3.8	-4.5	-0.9	1	J
3	440	7.8	55	J	5.8	-3	288	1.7	-5.1	-1.6	2	J
4	438	9.5	52	J	5.9	-1	255	-1.3	-4.9	-1.1	3	J
5	437	8.6	60	J	6.4	-5	302	3.3	-5.1	-1.2	2	J
6	427	8.5	61	L								
7					6.1	-25	278	0.7	-4.9	-2.4	2	J
8	425	9.3	55	J	6.1	3	309	2.9	-3.6	0.4	4	J
9	412	11.0	63	J	4.4	7	313	2.6	-2.8	0.7	2	J
10	417	12.2	70	L								
11	414	11.6	50	J	6.0	11	320	4.1	-3.4	1.4	2	J
12	411	12.4	55	J	6.3	15	333	5.1	-2.4	1.8	2	J
13	428	16.9	82	J	5.8	-4	289	1.4	-4.2	-0.0	4	J
14	422	17.1	64	J	8.4	26	309	4.4	-5.3	3.6	3	J
15	429	19.9	86	J	6.9	-12	262	-0.2	-1.5	-0.3	7	J
16	450	24.5	123	L	8.4	34	319	4.9	-4.5	4.1	3	J
17	484	14.8	174	L								
18												
19												
20	521	8.2	232	J	6.1	-73	278	0.1	-2.1	-1.5	6	J
21	536	7.9	233	J	6.4	2	284	1.0	-4.0	-1.1	5	J
22	520	7.2	193	J	7.1	8	291	2.3	-5.9	-1.0	3	J
23	515	7.3	184	J	7.1	-8	291	2.1	-4.8	-2.5	4	J
24	557	6.8	178	J	7.4	16	223	-5.1	-5.1	0.3	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 7, 1976							7
1	510	8.1	193	L								
2												
3												
4												
5												
6					5.6	7	301	2.9	-4.8	0.3	0	J
7					4.5	-20	134	-1.6	1.6	-0.8	4	J
8												
9												
10					4.6	4	351	3.6	-0.6	0.3	3	J
11	465	4.7	163	J	4.9	-24	344	3.9	-1.3	-1.7	2	J
12	470	4.8	101	J	4.7	-22	333	3.2	-1.6	-1.3	3	J
13	465	5.1	76	J	4.2	7	326	3.1	-2.1	0.6	2	J
14	474	5.5	102	J	4.0	27	297	1.5	-3.0	1.8	2	J
15	477	5.9	98	J	3.7	8	293	1.3	-3.1	0.4	1	J
16	481	6.2	89	J	3.5	-69	269	-0.0	-0.7	-2.4	3	J
17	476	6.2	89	J	4.1	10	279	0.5	-3.4	0.2	2	J
18	480	7.0	82	J	4.0	-15	243	-1.7	-3.1	-1.5	1	J
19	459	8.6	94	J	3.2	38	352	2.3	-0.7	1.7	1	J
20	458	7.8	86	J	3.5	19	302	1.6	-2.8	0.3	1	J
21	458	7.4	81	J	3.6	57	322	1.4	-1.9	2.3	2	J
22	454	7.3	75	J	3.7	60	349	1.8	-1.3	2.8	1	J
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 8, 1976							8
1												
2												
3												
4												
5												
6	401	6.1	82	L								
7	409	5.9	73	L								
8	415	5.3	59	L								
9												
10												
11												
12												
13	397	5.0	48	J								
14	396	5.7	42	J								
15	394	6.3	43	J								
16	395	6.8	51	J	4.5	-17	279	0.7	-4.2	-1.6	1	J
17	392	6.8	41	J	5.0	-8	265	-0.4	-4.6	-1.2	1	J
18	390	6.9	41	J	5.5	-4	262	-0.7	-5.1	-1.3	1	J
19	387	7.4	41	J	5.5	3	269	-0.1	-5.1	-0.9	2	J
20	381	6.7	41	J	5.9	13	281	1.1	-5.6	-0.2	1	J
21	374	7.1	33	J	5.0	10	297	2.1	-4.3	-0.5	1	J
22					4.4	-2	299	2.1	-3.6	-1.4	0	J
23												
24					4.5	-31	327	3.0	-1.1	-2.7	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 9, 1976							9
1	366	7.4	46	J	4.4	-1	303	2.2	-3.2	-1.2	1	J
2	364	7.6	49	J	4.3	33	313	1.9	-2.5	1.1	3	J
3	366	8.1	41	J	4.7	7	282	0.8	-3.6	-0.5	3	J
4	370	8.1	36	J	4.3	-9	253	-1.2	-3.6	-1.4	2	J
5	364	8.3	41	J	4.5	-7	268	-0.1	-3.7	-1.0	2	J
6	364	8.5	39	J	4.2	-28	259	-0.7	-3.2	-2.1	2	J
7	363	8.3	35	J	4.0	-30	277	0.4	-3.0	-1.9	2	J
8	362	8.2	29	J	4.1	-22	265	-0.3	-3.5	-1.4	1	J
9	359	8.0	27	J	4.2	-21	264	-0.4	-3.9	-1.3	1	J
10	355	8.1	26	J	4.3	-20	270	-0.0	-3.9	-1.1	1	J
11	345	8.3	37	J	4.4	-9	299	2.0	-3.6	-0.4	2	J
12	341	8.4	31	J	4.3	-19	295	1.7	-3.7	-1.1	1	J
13	340	8.4	26	J	4.4	-10	297	1.9	-3.8	-0.6	1	J
14	346	8.3	28	J	4.4	18	270	-0.0	-3.9	1.3	2	J
15	339	9.4	27	J	3.7	-2	296	1.4	-3.0	-0.2	2	J
16	333	10.1	30	J	3.4	-16	1	3.1	0.1	-0.9	1	J
17	330	10.2	28	J	3.7	16	15	3.2	0.7	1.1	1	J
18	328	10.2	29	J	3.7	9	355	3.5	-0.4	3.5	1	J
19	328	10.7	29	J	3.9	15	348	3.6	-1.0	0.8	1	J
20	328	10.7	30	J	4.1	14	336	3.5	-1.8	3.5	1	J
21	327	9.9	31	J	4.3	7	323	3.3	-2.5	-0.3	1	J
22	335	9.7	17	J	4.3	-17	265	-0.3	-3.1	-2.3	2	J
23	333	8.6	17	J	4.6	-15	256	-1.1	-3.5	-2.6	1	J
24	330	9.2	27	J	4.3	-7	307	2.1	-2.5	-1.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 10, 1976							10
1	328	10.0	33	J	4.5	6	320	3.0	-2.6	-0.5	2	J
2	326	9.2	29	J	4.6	17	14	4.2	0.6	1.6	1	J
3	322	9.0	30	J	4.4	0	13	4.1	0.9	0.3	1	J
4	318	10.0	42	J	4.3	1	354	4.0	-0.4	-0.0	1	J
5	330	10.7	24	J	4.6	-37	291	0.9	-2.0	-2.2	3	J
6	328	11.6	23	J	4.1	-2	285	1.0	-3.7	-0.5	1	J
7	355	18.1	42	J	6.2	9	272	0.2	-4.8	0.5	4	J
8	363	23.9	66	J	6.5	-50	35	2.3	1.6	-3.4	5	J
9	368	27.8	51	J	6.5	-4	255	-1.3	-4.7	-0.2	4	J
10	372	28.9	43	J	10.7	5	53	6.3	8.4	0.4	2	J
11	392	20.9	54	J	13.4	14	65	4.5	9.8	2.0	8	J
12	392	20.5	48	J	13.7	25	68	4.3	11.1	4.8	5	J
13	387	36.5	53	J	10.9	-36	79	1.3	6.6	-5.3	7	J
14	387	32.4	30	J	14.4	8	68	4.6	11.4	1.6	7	J
15	385	15.6	32	J	16.4	-57	88	0.3	7.9	-11.3	9	J
16	384	14.4	41	J	16.7	-67	92	-0.2	7.6	-14.5	3	J
17	379	14.4	42	J	16.9	-83	101	-0.4	4.2	-16.2	3	J
18	384	15.9	50	J	16.4	-81	240	-1.3	0.8	-16.1	2	J
19	387	15.6	47	J	17.9	-87	216	-0.7	3.6	-17.2	3	J
20	399	14.1	35	J								
21	282	14.4	59	J								
22	392	17.5	31	J	19.9	-56	273	0.6	-4.7	-18.8	4	J
23	388	21.7	37	J	19.5	-51	282	2.5	-5.8	-18.2	3	J
24	390	24.3	38	J	19.6	-42	288	4.5	-8.2	-17.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 11, 1976							11
1	388	31.2	40	J	19.0	-31	283	3.6	-11.5	-14.6	2	J
2	385	24.4	56	J	18.9	-12	286	4.9	-15.0	-9.0	5	J
3	386	27.3	62	J	18.3	3	285	4.6	-16.7	-3.9	4	J
4	389	28.3	71	J	17.1	3	287	4.5	-14.6	-2.6	7	J
5	381	26.2	66	J	17.2	-3	292	6.3	-15.4	-3.5	3	J
6	384	25.0	58	J	17.0	1	289	5.4	-15.7	-1.4	3	J
7	374	24.5	43	J	17.5	18	298	7.8	-14.9	4.6	2	J
8	370	23.3	48	J	16.8	28	308	9.0	-11.6	7.8	2	J
9	364	26.1	64	J	15.3	43	357	10.8	-0.3	10.1	4	J
10	371	25.9	61	J	15.2	46	327	8.6	-5.0	10.9	4	J
11	376	23.7	64	J	14.7	47	323	7.8	-5.2	10.8	3	J
12	365	20.7	46	J	16.5	45	342	11.1	-3.0	11.8	2	J
13	357	23.2	51	J	16.4	45	11	11.0	2.5	11.1	4	J
14	366	25.2	60	J								
15	357	12.1	207	J								
16	400	15.8	205	J								
17	420	14.9	189	J								
18	321	21.8	127	J								
19	429	0.0	0	H								
20	504	0.0	0	H								
21	494	0.0	0	H								
22	500	12.2	280	L								
23	515	10.5	243	L								
24	549	10.4	197	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 12, 1976							12
1												
2	571	7.6	212	L								
3	550	8.7	206	L								
4	540	8.6	181	L								
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	SG	IMF SC
					JAN. 15, 1976							15
16	374	0.0	0	H								
17	366	0.0	0	H								
18												
19												
20	406	0.0	0	H								
21	399	0.0	0	H								
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 16, 1976							16
1	364	0.0	0	H								
2												
3	340	0.0	0	H								
4	346	0.0	0	H								
5	362	0.0	0	H								
6	349	0.0	0	H								
7	382	0.0	0	H								
8	387	0.0	0	H								
9	373	0.0	0	H								
10	394	0.0	0	H								
11	379	0.0	0	H								
12	380	0.0	0	H								
13	384	0.0	0	H								
14	409	0.0	0	H								
15	412	10.0	80	L								
16	418	9.9	78	L								
17	409	10.3	83	L								
18	408	9.8	98	L								
19	407	9.3	103	L								
20												
21												
22												
23												
24	417	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 17, 1976							17
1	406	0.0	0	H								
2	409	0.0	0	H								
3												
4	378	6.8	88	L								
5	408	6.9	90	L								
6	425	7.4	64	J								
7	402	6.7	50	J								
8	370	8.1	79	J								
9	400	7.2	63	J								
10	402	7.4	49	J	6.3	-4	313	4.0	-4.3	-0.4	2	J
11	414	8.1	52	J	5.5	-22	322	3.4	-2.7	-1.7	3	J
12	407	8.8	62	J	5.0	1	334	4.0	-2.0	0.1	2	J
13	416	8.6	69	J	4.5	8	336	2.4	-1.1	0.4	3	J
14	421	9.3	72	J	5.3	32	330	2.1	-1.2	1.4	4	J
15	420	9.3	72	J	5.5	31	341	2.7	-1.1	1.6	4	J
16	431	9.1	68	J	6.8	33	67	1.6	3.4	3.1	5	J
17	408	8.2	38	J	7.4	26	340	6.0	-2.7	2.7	2	J
18					8.5	2	3	8.3	0.4	0.4	2	J
19					8.1	-17	326	5.5	-3.0	-3.0	4	J
20	466	13.9	107	J	7.3	-30	298	2.8	-3.9	-5.0	2	J
21	480	13.8	99	L	7.3	-35	294	2.2	-3.2	-5.2	3	J
22	466	11.9	137	L	7.8	1	296	3.2	-6.1	-2.4	3	J
23	464	10.8	130	L								
24	453	11.6	111	J	7.7	2	312	5.0	-5.2	-2.0	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 18, 1976							18
1	453	10.4	113	J	8.0	17	308	4.4	-6.0	-0.2	3	J
2	447	11.3	140	J	8.5	20	303	4.1	-7.0	0.3	3	J
3	434	11.0	166	J	8.4	17	305	4.3	-6.5	0.2	3	J
4	425	8.4	99	J	7.1	-2	284	1.6	-6.0	-2.0	3	J
5	446	10.9	181	J	6.2	-7	286	1.5	-5.0	-1.8	3	J
6					7.0	-11	278	0.9	-5.9	-2.2	3	J
7					6.8	-50	292	1.5	-3.1	-5.0	3	J
8	457	10.7	102	J	5.6	-38	307	1.0	-1.3	-1.4	5	J
9	465	9.5	81	J	4.9	-33	268	-0.1	-3.3	-2.2	3	J
10	464	9.7	84	J	4.8	-57	279	0.3	-2.1	-3.3	3	J
11	456	9.3	78	J	4.8	-11	292	1.6	-3.9	-0.8	2	J
12	454	8.8	75	J	4.8	6	290	1.5	-4.1	0.5	2	J
13	449	8.6	83	J	4.5	8	301	2.1	-3.6	0.5	2	J
14	439	8.5	97	J	4.7	4	330	3.8	-2.2	0.2	2	J
15	439	8.2	95	J	4.5	14	342	4.0	-1.4	0.9	1	J
16	433	8.4	93	J	4.8	13	346	4.3	-1.2	0.9	1	J
17	429	9.0	103	J	5.1	15	340	4.4	-1.8	0.9	1	J
18	423	9.2	115	J	5.0	11	342	4.4	-1.6	0.5	1	J
19	428	8.5	100	J	4.8	7	350	4.5	-0.9	0.3	1	J
20	415	8.1	46	J	4.9	11	358	4.8	-0.5	0.8	1	J
21	417	8.4	68	L								
22	416	8.0	71	L								
23	415	9.0	67	L								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 19, 1976							19
1												
2												
3												
4	402	9.2	64	L								
5	395	9.6	67	L								
6	409	11.0	71	L								
7												
8												
9												
10	386	9.2	87	J	5.0	17	346	4.3	-1.1	1.3	2	J
11	409	10.9	42	J	5.4	-2	264	-0.5	-5.0	-0.2	2	J
12	416	10.8	53	J	5.6	-9	207	-4.8	-2.4	-0.9	2	J
13	405	10.1	41	J	5.1	-8	241	-2.1	-3.8	-0.7	3	J
14	410	10.6	39	J	5.9	25	263	-0.6	-5.2	2.1	2	J
15	408	11.0	40	J	6.7	-10	265	-0.5	-5.1	-1.4	4	J
16	408	12.2	46	J	7.5	-2	282	1.2	-5.7	-1.0	5	J
17	401	10.9	52	J	7.3	10	296	3.1	-6.4	0.0	2	J
18												
19												
20												
21												
22					2.5	37	266	-0.0	-0.8	0.2	3	J
23					2.7	21	42	0.9	0.5	3.8	3	J
24					4.1	23	11	3.1	-0.0	1.5	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 20, 1976							20
1					3.8	2	212	-1.4	-0.8	-0.3	3	J
2					3.6	-2	5	2.8	0.3	0.0	2	J
3					3.6	-3	249	-1.1	-2.7	-1.1	2	J
4	421	14.1	33	J	4.3	-10	71	1.3	3.8	0.4	2	J
5	434	14.1	60	J	3.5	-2	68	1.2	2.8	0.6	2	J
6	436	14.6	48	J	3.9	15	21	3.3	1.1	1.2	1	J
7	432	15.8	42	J	3.8	20	8	3.4	0.3	1.3	1	J
8	436	10.8	57	J	5.9	17	341	5.0	-1.8	1.5	2	J
9	430	12.1	70	J	4.3	12	324	3.3	-2.4	0.8	2	J
10	416	14.8	59	J	2.8	11	318	1.5	-1.3	0.4	2	J
11	412	16.5	35	J	3.4	11	324	2.5	-1.9	0.6	2	J
12	409	18.2	42	J	2.9	-70	319	0.5	-0.4	-1.9	2	J
13	403	19.3	30	J	3.6	13	320	2.5	-2.1	0.7	2	J
14	394	21.1	35	J	3.2	38	2	2.2	-0.0	1.7	2	J
15	398	16.6	37	J	4.2	20	77	0.8	3.3	1.6	2	J
16	394	16.5	41	J	5.7	18	113	-1.9	4.2	2.2	3	J
17	398	18.1	42	J	8.3	-19	127	-4.4	6.3	-1.3	3	J
18	409	28.0	48	J	9.8	-21	129	-5.1	6.8	-1.4	5	J
19	402	18.8	53	J	11.1	14	127	-6.0	6.9	4.8	4	J
20	425	12.4	87	J	10.4	52	131	-3.6	1.5	8.0	6	J
21	454	12.7	133	J	10.0	-9	137	-6.4	6.1	1.0	5	J
22	464	13.4	136	J	9.2	-18	154	-6.7	3.9	-0.9	5	J
23	472	14.1	179	J	9.3	5	136	-6.2	5.1	3.2	3	J
24	470	12.4	123	J	10.5	4	135	-6.8	5.9	3.5	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 21, 1976							21
1	483	13.5	135	J	10.1	-1	118	-3.8	6.6	2.8	6	J
2	493	15.1	189	J	6.7	0	189	-4.8	-0.7	-0.3	5	J
3	480	17.0	234	J	6.4	-12	162	-5.1	2.0	-0.5	4	J
4	515	12.4	195	J	11.9	2	128	-6.9	8.3	3.0	4	J
5	516	12.8	186	J	11.8	15	137	-7.9	6.5	4.6	4	J
6	554	11.6	238	J	10.4	-15	118	-3.9	7.7	-0.9	6	J
7	560	9.9	206	J	10.7	-4	136	-6.6	6.4	0.1	5	J
8	575	9.8	221	J	9.9	0	142	-6.8	5.3	0.4	5	J
9	587	9.3	239	J	8.6	-2	135	-4.9	5.0	-0.1	5	J
10	574	8.8	225	J	8.1	-10	138	-5.6	5.1	-1.3	2	J
11	562	7.3	137	J	8.5	-15	144	-6.2	4.5	-2.0	3	J
12	553	7.8	117	J	8.1	-3	149	-6.2	3.8	-0.3	4	J
13	548	8.3	126	J	7.8	19	164	-6.8	1.9	2.5	2	J
14	559	7.5	155	J	7.1	37	212	-4.3	-2.9	3.6	3	J
15	541	7.2	125	J	6.7	33	184	-5.5	-0.8	3.5	1	J
16	569	6.5	175	J	6.0	-44	115	-1.1	2.8	-2.2	5	J
17	567	6.6	157	J	6.1	-3	173	-2.4	0.3	-0.1	6	J
18	562	5.9	147	J	6.7	-6	134	-4.1	4.2	0.5	3	J
19	556	5.1	95	J	7.0	-3	142	-5.3	4.1	0.9	2	J
20	547	5.1	106	J	5.4	-23	140	-3.6	3.5	-0.8	2	J
21	540	6.3	133	J	4.4	16	51	2.0	1.9	1.8	3	J
22	536	6.0	119	J	5.7	-8	39	4.0	3.3	0.7	2	J
23	525	6.8	139	J	4.8	-3	32	3.1	1.9	0.6	3	J
24	525	6.5	112	J	5.4	5	357	5.1	-0.4	3.3	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 22, 1976							22
1	538	7.0	120	J	7.1	-23	84	0.3	2.7	0.1	7	J
2	530	7.0	155	J	6.5	1	126	-3.8	4.7	2.1	1	J
3	541	9.5	124	J	5.6	-28	96	-0.4	3.8	-0.5	4	J
4	564	8.2	167	J	6.0	-30	314	2.1	-1.6	-2.3	5	J
5	576	6.6	256	J	7.8	22	255	-1.1	-4.5	0.7	6	J
6	575	5.7	241	J	7.9	1	98	-0.7	5.1	1.1	6	J
7	573	6.5	236	J	7.7	67	165	-2.2	-0.1	5.4	5	J
8	582	6.4	215	J	8.9	48	181	-4.8	-0.5	5.3	5	J
9	585	6.6	188	J	8.7	34	152	-5.1	2.5	4.0	5	J
10	609	7.2	226	J	8.0	27	119	-2.7	4.8	3.0	5	J
11	608	6.7	179	J	7.6	32	147	-3.8	2.4	2.8	5	J
12	594	6.7	223	J	7.3	-5	172	-5.4	0.8	-0.5	5	J
13	592	6.8	200	J	7.3	-32	155	-5.5	2.7	-3.7	2	J
14	584	6.7	203	J	8.1	8	122	-4.1	6.5	1.6	2	J
15	591	7.0	176	J	8.2	-16	134	-4.4	4.7	-1.3	5	J
16	597	6.0	176	J	7.5	1	122	-3.6	5.7	1.0	3	J
17	615	5.6	169	J	7.4	-29	113	-2.0	5.4	-3.0	3	J
18	641	6.8	275	J	5.9	1	174	-4.7	0.5	0.2	4	J
19	645	7.1	337	J	6.0	34	155	-3.8	0.8	3.3	3	J
20	652	7.4	272	J	7.0	-23	133	-3.1	3.8	-0.6	5	J
21	648	7.9	266	J	8.0	-28	118	-3.0	6.6	-1.0	3	J
22	656	7.8	250	J	8.9	17	115	-2.4	4.0	3.7	7	J
23	636	7.6	241	J	8.2	-9	131	-4.2	4.8	1.1	5	J
24	640	7.9	266	J	8.2	26	142	-4.2	1.9	3.8	6	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 23, 1976							23
1	666	6.4	274	J	9.0	-22	139	-5.2	5.3	-0.7	5	J
2	691	5.8	225	J	7.2	-2	153	-5.3	2.5	0.9	4	J
3	680	5.6	202	J	7.4	7	150	-6.1	3.0	2.1	2	J
4	699	5.6	326	J	6.9	-16	144	-5.3	4.2	-0.6	1	J
5	714	5.3	356	J	7.1	17	124	-3.2	4.1	2.8	4	J
6	685	5.6	217	J	7.6	22	144	-5.3	3.3	3.4	2	J
7	687	5.5	238	J	7.4	10	141	-5.0	3.8	1.7	3	J
8	689	5.1	216	J	6.5	-21	158	-4.1	1.8	-1.5	4	J
9	694	4.2	239	J	5.8	10	124	-2.8	4.1	1.1	3	J
10	674	3.5	172	J	5.1	-1	201	-4.0	-1.5	-0.1	3	J
11	678	4.0	207	J	5.5	-11	170	-4.3	0.8	-0.8	3	J
12	675	3.8	172	J	4.9	7	160	-4.0	1.4	0.6	2	J
13	691	3.5	174	J	4.6	-28	145	-2.7	2.0	-1.7	3	J
14	706	3.1	240	J	3.9	-21	124	-1.8	2.7	-1.0	2	J
15	704	2.9	258	J	4.0	-28	147	-2.7	2.0	-1.5	1	J
16	728	2.3	189	J	4.0	-53	119	-1.1	2.4	-2.6	2	J
17	719	2.2	160	L	4.0	-34	130	-1.9	2.7	-1.5	2	J
18	744	2.6	226	J	4.0	-6	130	-2.4	2.6	0.4	2	J
19	716	2.9	249	J	3.9	2	116	-1.5	2.9	1.1	2	J
20	687	2.2	98	J	4.0	-13	132	-2.0	2.3	0.2	2	J
21	694	2.3	141	J	3.9	-13	146	-3.1	2.2	0.0	1	J
22	678	1.9	116	J	4.9	2	168	-4.3	0.8	0.5	2	J
23	677	2.7	138	J	5.4	2	148	-4.2	2.3	1.3	2	J
24	732	0.0	0	H	5.6	-12	135	-3.6	3.7	0.6	2	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
					JAN. 24, 1976							24
1	682	0.0	0	H								
2												
3	602	0.0	0	H								
4	583	7.5	452	J								
5	534	7.5	340	J								
6	462	6.2	461	J								
7	641	0.0	0	H								
8	630	5.7	269	L								
9												
10	618	5.0	264	L								
11	657	0.0	0	H								
12	637	0.0	0	H								
13	628	0.0	0	H								
14												
15												
16												
17	649	3.6	193	L								
18	655	3.0	203	L								
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
					JAN. 29, 1976							29
1												
2												
3												
4												
5												
6												
7												
8	343	9.7	51	L								
9												
10	347	10.4	61	L								
11	343	14.7	123	J								
12	343	14.9	36	J								
13	343	16.4	42	J								
14	342	15.9	35	J								
15	345	15.6	30	J								
16	343	12.6	36	J								
17	335	10.9	38	J								
18	327	9.2	37	L								
19	341	8.6	35	J								
20												
21												
22												
23												
24	350	5.0	44	J								

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 30, 1976							30
1	349	5.3	42	J	4.9	6	177	-4.7	-3.0	0.5	1	J
2	354	6.5	39	J	4.4	9	156	-3.7	1.2	1.3	1	J
3	347	4.9	30	J	4.4	11	150	-3.4	1.5	1.5	2	J
4	354	4.8	29	J	4.2	2	147	-3.3	1.9	0.9	1	J
5	350	5.1	44	J	3.5	3	123	-1.7	2.4	0.9	2	J
6	352	7.6	36	J	2.8	-65	216	-0.3	-0.0	-0.9	3	J
7	352	7.6	36	J	2.5	-53	299	0.6	-0.8	-1.9	1	J
8	351	7.9	39	J	2.9	-23	140	-1.7	1.5	-0.7	2	J
9	349	8.0	36	J	3.3	-5	95	-0.3	3.3	0.0	1	J
10	350	8.9	30	J	3.8	-5	97	-0.4	3.6	-0.1	1	J
11	353	10.4	28	J	4.6	-6	84	0.5	4.5	-0.2	1	J
12	357	11.9	28	J	6.2	-10	78	1.3	5.9	-0.6	1	J
13	356	12.8	23	J	7.5	-12	78	1.5	7.1	-0.9	2	J
14					7.9	12	47	3.1	3.2	1.4	7	J
15	360	11.4	29	J	7.7	-46	99	-0.8	5.7	-4.3	3	J
16					7.4	-36	105	-1.5	6.2	-2.9	2	J
17					7.5	-21	97	-0.8	7.1	-0.8	2	J
18	365	13.5	30	L	8.6	-11	75	2.1	8.1	0.9	2	J
19	374	19.0	34	L								
20	372	18.1	43	J	9.8	-59	136	-2.9	5.2	-5.1	6	J
21	380	24.2	65	J	7.9	56	153	-2.5	-0.6	4.3	6	J
22	377	23.7	77	J	8.6	-5	270	-0.0	-5.7	-3.5	5	J
23					5.4	-15	108	-0.9	2.9	0.6	5	J
24					4.4	-12	317	0.4	-0.3	-0.3	5	J

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 31, 1976							31
1	373	24.5	59	J	6.6	-52	360	1.7	1.0	-2.0	6	J
2					4.5	-19	100	-0.6	3.6	0.4	3	J
3	395	30.6	118	L	8.8	-17	104	-1.3	5.6	0.6	7	J
4	400	26.0	192	L	9.1	-62	234	-0.7	-0.1	-2.4	9	J
5					11.0	-29	258	-1.2	-4.6	-4.9	9	J
6					10.9	37	287	2.2	-8.2	3.7	6	J
7	387	21.7	154	L	9.7	38	282	1.6	-8.4	4.4	2	J
8	390	23.7	109	L								
9	400	20.8	35	J	11.0	-26	270	-0.0	-9.0	-5.6	3	J
10	398	22.4	38	J	10.2	-17	268	-0.3	-8.7	-3.4	4	J
11	395	24.5	78	J	5.8	-48	339	2.7	-0.8	-3.3	4	J
12	403	24.6	81	J	7.8	-44	277	0.7	-4.9	-5.6	3	J
13	414	25.0	62	L	13.9	-40	282	2.2	-9.3	-9.7	3	J
14	421	19.2	102	J	14.6	-39	282	2.3	-9.7	-10.3	3	J
15	425	19.1	111	J	15.5	-18	287	4.1	-12.5	-6.7	5	J
16	439	20.7	176	J	15.2	12	286	3.7	-13.2	0.1	7	J
17	445	13.2	182	J	17.8	24	291	5.7	-16.3	3.0	4	J
18	455	11.6	217	J	17.7	54	273	0.5	-14.0	10.2	4	J
19	505	15.4	251	J	18.1	42	295	4.4	-12.1	5.4	12	J
20	540	18.5	353	J	11.2	24	324	6.4	-5.6	1.4	7	J
21	548	19.0	326	L								
22	544	15.4	287	L								
23	556	16.5	265	L								
24												

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 1, 1976							32
1												
2												
3												
4												
5					6.6	20	111	-2.0	4.3	3.5	3	J
6	605	7.1	202	J	7.1	37	9	4.2	-0.1	3.3	5	J
7	600	7.3	191	J	7.4	19	29	5.3	2.5	2.6	4	J
8	614	5.8	211	J	6.3	16	321	3.9	-3.3	1.0	4	J
9	605	5.3	165	J	6.1	5	335	4.9	-2.3	0.2	3	J
10	607	5.3	167	J	5.6	-17	357	4.1	-0.1	-1.3	3	J
11	600	4.9	205	J	5.6	3	339	4.6	-1.8	0.1	3	J
12	633	4.7	178	J	5.7	17	332	3.9	-2.2	1.2	3	J
13	596	5.1	156	J	5.7	16	338	4.2	-1.8	1.1	3	J
14	605	4.8	155	J	6.0	-15	324	3.2	-2.2	-1.4	4	J
15	601	5.9	190	J	5.9	31	335	4.3	-2.5	2.5	2	J
16	636	5.8	190	J	6.2	41	323	3.5	-3.4	3.2	2	J
17	603	6.5	210	J	6.1	18	308	3.2	-4.3	0.5	3	J
18	597	6.8	240	J	5.6	-31	318	2.8	-1.7	-2.9	3	J
19	609	5.8	212	J	6.2	54	3	2.6	-1.2	3.4	4	J
20	608	6.9	244	J	6.2	-4	35	3.5	2.4	0.7	4	J
21	603	6.8	199	J	6.1	-13	9	4.4	1.1	-0.6	4	J
22	608	6.3	193	J	6.1	0	349	4.4	-0.8	-0.4	4	J
23	620	5.5	182	J	5.3	-15	1	3.6	0.5	-0.8	4	J
24	627	5.7	194	J	5.2	42	28	2.8	-0.0	3.2	3	J

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 2, 1976							33
1	634	5.9	198	J	5.2	33	315	1.8	-2.3	0.6	4	J
2	621	5.7	176	J	6.1	10	319	3.4	-3.0	-0.6	4	J
3	603	5.5	132	J	7.3	36	338	5.1	-3.5	2.8	3	J
4	617	5.9	230	J	6.3	37	4	3.6	-0.7	2.6	4	J
5	610	5.1	175	J	7.3	20	322	5.0	-4.4	1.0	3	J
6	616	4.9	166	J	6.2	18	352	5.0	-1.1	1.4	3	J
7	640	4.8	271	J	5.1	-11	311	3.2	-3.4	-1.6	1	J
8	621	4.2	141	J	5.6	2	318	4.0	-3.6	-0.4	1	J
9	625	4.9	209	J	5.3	-4	304	2.6	-3.8	-0.8	2	J
10	613	4.5	185	J	4.6	-2	325	3.4	-2.3	-0.4	2	J
11	615	4.9	164	J	4.7	-18	345	3.9	-1.0	-1.4	2	J
12	606	4.9	183	J	4.9	2	337	4.1	-1.8	0.0	2	J
13	595	5.3	215	J	4.6	-16	345	3.7	-0.9	-1.2	2	J
14	592	5.7	185	J	5.2	0	318	3.2	-2.9	-0.4	3	J
15	583	6.2	252	J	5.3	23	341	4.4	-1.8	1.7	2	J
16	586	5.5	195	J	6.2	1	340	4.6	-1.7	-0.3	4	J
17	612	5.0	133	J	5.5	-21	330	3.7	-1.6	-2.2	3	J
18	642	5.2	177	J	5.1	-71	30	1.1	1.7	-3.2	3	J
19	619	4.8	146	J	5.1	14	19	3.4	0.8	1.3	3	J
20	618	4.9	142	J	4.5	27	7	2.7	-0.3	1.4	3	J
21	611	4.6	135	J	4.5	-5	357	3.7	-0.0	-0.4	2	J
22	611	4.6	127	J	4.2	1	342	3.6	-1.1	-1.5	2	J
23	608	4.5	132	J	5.6	16	325	4.0	-3.1	-0.1	2	J
24	588	4.4	159	J	5.9	14	338	5.0	-2.4	0.2	2	J

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 3, 1976							34
1	615	4.3	170	J	5.7	5	301	2.4	-3.7	-1.5	3	J
2	606	4.4	199	J	5.7	23	281	1.0	-5.4	-0.3	1	J
3	605	4.8	197	J	5.8	30	287	1.2	-4.5	0.5	3	J
4	607	4.6	168	J	5.4	39	290	1.2	-4.0	1.4	3	J
5	576	4.6	138	J	5.6	7	313	3.4	-3.6	-0.6	3	J
6	592	5.5	158	J	5.1	-12	294	1.4	-2.9	-1.5	4	J
7	577	6.6	173	J	5.4	-56	335	2.3	-0.3	-3.9	3	J
8	577	7.1	218	J	5.0	-52	318	1.9	-1.2	-3.5	3	J
9	589	6.4	191	J	4.7	-12	46	1.1	1.2	-0.2	4	J
10	592	5.9	194	J	4.3	15	306	1.8	-2.5	0.6	3	J
11	585	5.5	188	J	3.9	-29	41	2.0	1.9	-1.3	2	J
12	582	5.3	211	J	4.2	4	337	3.3	-1.4	0.1	2	J
13	585	4.7	200	J	3.5	-21	360	3.1	0.1	-1.2	1	J
14	571	4.1	131	J	3.5	-6	352	3.2	-0.4	-0.4	1	J
15	566	4.0	119	J	3.1	-4	329	2.2	-1.3	-0.4	2	J
16	566	4.7	99	J	3.3	31	312	1.6	-2.1	1.0	2	J
17	576	5.0	95	J	3.5	21	249	-1.0	-2.7	0.3	2	J
18	560	5.3	91	J	4.7	23	234	-2.4	-3.7	0.6	2	J
19	555	5.2	96	J	4.6	-5	238	-2.4	-3.4	-1.8	1	J
20	546	5.4	99	J	4.2	-6	268	-0.1	-3.3	-1.9	2	J
21	540	6.0	81	J	4.5	-13	246	-1.7	-3.0	-2.6	1	J
22	509	4.7	78	J	4.9	32	355	3.2	-1.2	1.6	3	J
23	501	5.0	85	J	5.2	14	351	4.9	-1.3	0.7	1	J
24	496	5.3	99	J	5.0	-20	334	4.0	-0.9	-2.3	2	J

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 4, 1976							35
1	493	5.3	89	J	4.6	-25	315	2.7	-1.5	-2.8	2	J
2	490	6.2	90	J	4.9	-53	295	1.2	-0.6	-4.6	1	J
3	479	7.3	131	J	5.1	37	350	3.8	-1.6	2.4	2	J
4	469	7.5	143	J	5.4	27	356	4.7	-1.2	2.1	1	J
5	464	6.7	92	J	5.2	3	9	4.6	0.6	0.5	2	J
6	461	7.0	104	J	5.2	9	12	4.7	0.8	1.0	2	J
7	461	7.1	109	J	4.9	-2	352	4.6	-0.6	-0.3	2	J
8	458	7.0	75	J	5.3	12	339	4.0	-1.7	0.7	3	J
9	450	7.1	94	J	6.1	-4	346	4.5	-1.1	-0.5	4	J
10	445	7.4	69	J	8.2	-2	24	6.8	3.0	0.0	4	J
11	435	6.9	103	J	7.6	-4	351	6.1	-0.9	-0.5	4	J
12	446	7.9	79	J	7.8	15	312	4.8	-5.5	1.4	2	J
13	456	8.4	62	J	7.5	-17	217	-5.0	-3.5	-2.3	4	J
14	452	8.0	63	J	6.7	-5	256	-1.4	-5.3	-1.3	4	J
15	462	8.8	83	J	6.5	-30	242	-2.5	-4.1	-3.9	2	J
16	459	9.7	88	L								
17	452	6.8	78	J	6.9	20	19	6.0	1.4	2.8	1	J
18	473	6.6	144	J	4.8	-26	183	-3.8	0.4	-1.8	3	J
19	471	7.7	151	J	3.2	-72	269	-0.0	0.1	-1.0	3	J
20	454	6.7	101	J	6.6	-19	322	4.2	-2.3	-3.1	3	J
21	450	6.7	120	J	6.1	18	332	5.0	-3.2	0.4	2	J
22	463	7.8	134	J	5.3	0	328	4.4	-2.4	-1.3	1	J
23	465	7.4	123	J	5.3	-7	339	4.5	-1.2	-1.4	2	J
24	470	8.0	188	J	5.4	0	333	4.6	-2.1	-1.2	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 5, 1976							36
1	463	6.6	76	J	5.1	5	347	4.9	-1.2	-0.2	1	J
2	463	6.2	92	J	5.0	8	1	4.6	-0.2	0.6	2	J
3	457	6.4	58	J	6.2	8	352	5.9	-1.1	0.4	2	J
4	451	5.7	55	J	5.7	4	351	5.4	-0.9	0.0	1	J
5	453	5.5	45	J	6.0	10	356	5.8	-0.7	0.8	1	J
6	458	4.9	60	J	5.8	25	338	4.7	-2.5	1.8	1	J
7	458	5.2	108	L	4.2	6	322	3.2	-2.5	-0.1	1	J
8												
9	452	5.5	100	L								
10	458	6.3	103	L								
11												
12												
13												
14												
15	470	8.1	126	L								
16	486	7.3	130	L								
17	473	6.3	124	L								
18	481	8.2	141	L								
19	479	7.2	135	L								
20	488	8.6	140	L								
21												
22												
23	546	7.3	159	L								
24	550	6.2	152	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 6, 1976							37
1	549	6.2	151	L								
2	549	5.7	164	L								
3	534	5.9	86	L								
4												
5												
6												
7	480	4.5	87	L								
8	489	4.8	113	L								
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
					FEB. 11, 1976							42
1	616	4.5	157	L								
2	619	3.7	187	L								
3	594	3.1	131	L								
4												
5												
6												
7	591	4.2	192	L	4.3	-8	312	2.7	-2.8	-1.3	2	J
8	606	3.5	156	J	5.2	5	317	3.0	-2.8	-0.2	3	J
9	640	3.1	143	J	4.6	-14	280	0.7	-4.0	-1.7	1	J
10	635	2.7	117	J	4.2	-2	293	1.5	-3.5	-0.6	2	J
11	638	2.8	102	J	4.4	-20	296	1.6	-3.2	-1.8	2	J
12	608	2.7	101	L								
13	621	3.1	125	L								
14	612	4.0	123	L								
15	598	4.2	132	L	5.2	21	358	4.5	-0.5	1.6	2	J
16	604	4.4	125	J	4.7	26	315	2.2	-2.5	0.9	3	J
17	585	4.7	132	J	5.0	25	318	3.0	-3.1	0.9	2	J
18	572	4.3	147	J	4.7	20	341	3.8	-1.8	0.9	2	J
19	571	4.3	181	J	4.6	26	334	3.2	-2.2	1.0	2	J
20	567	4.8	136	J	5.0	29	313	2.6	-3.5	0.7	2	J
21	560	4.5	139	J	4.6	19	321	2.6	-2.4	0.0	3	J
22	573	5.3	202	J	4.5	-27	360	2.2	0.6	-1.0	4	J
23	561	5.2	168	J	4.5	34	350	3.3	-1.6	1.6	2	J
24	565	4.2	221	L	4.8	1	33	3.7	1.8	1.2	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 12, 1976							43
1	574	3.9	202	L	4.4	26	345	3.0	-1.4	0.9	3	J
2	594	3.9	194	L	5.3	28	113	-0.7	1.0	1.7	5	J
3					5.1	-10	78	0.5	2.3	0.7	5	J
4	577	4.8	216	L	4.6	12	45	1.5	1.2	1.0	4	J
5					4.3	-8	8	3.4	0.6	-0.3	3	J
6					5.7	-34	39	1.9	1.9	-1.1	5	J
7	568	4.1	198	L	5.4	-54	12	1.3	0.7	-1.7	5	J
8	559	4.1	97	J	5.7	-3	336	4.7	-2.0	-0.7	2	J
9	549	3.9	104	J	5.6	14	349	5.0	-1.2	1.1	2	J
10	548	5.3	154	J	6.6	17	327	4.6	-3.2	1.2	3	J
11	527	5.1	156	J	6.9	14	329	5.4	-3.4	1.1	3	J
12	521	5.3	145	J	7.5	16	322	5.5	-4.6	1.4	2	J
13	509	4.9	90	J	6.3	8	345	5.6	-1.6	0.6	2	J
14	517	5.7	150	L								
15												
16	529	5.9	143	L								
17	518	6.2	122	L								
18	517	6.1	123	L								
19	511	5.9	90	J								
20	516	5.9	114	J								
21	544	6.4	166	J	6.3	7	307	3.0	-3.8	-1.4	4	J
22	599	6.6	164	L	5.6	-29	195	-4.2	0.2	-2.7	3	J
23					5.0	-38	187	-3.7	1.1	-2.7	2	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 13, 1976							44
1					5.9	-64	171	-1.3	1.5	-2.2	5	J
2					5.5	-39	249	-1.4	-1.7	-4.5	2	J
3												
4					5.8	37	350	1.6	-0.7	1.0	6	J
5	540	5.8	216	J	5.2	-4	296	1.9	-3.6	-1.7	3	J
6	533	6.1	240	J	5.0	0	307	2.5	-3.1	-1.0	3	J
7	527	5.8	144	J	6.7	14	345	6.0	-1.9	1.1	2	J
8	530	5.9	153	J	7.3	8	349	6.7	-1.5	0.7	2	J
9	519	6.3	129	J	7.7	13	340	6.7	-2.7	1.2	3	J
10	526	6.1	143	J	7.3	26	334	5.2	-3.0	2.4	3	J
11	571	5.7	196	J	7.0	22	304	2.1	-3.3	1.1	6	J
12	564	4.7	165	J	7.0	27	348	5.8	-1.7	2.8	2	J
13	556	4.3	148	J	5.9	25	353	4.9	-0.9	2.2	2	J
14	580	4.3	251	J	5.3	-20	280	0.6	-3.0	-1.8	4	J
15	575	3.6	177	J	4.9	-49	313	1.2	-0.8	-2.2	4	J
16	561	3.2	130	J	4.6	-4	13	3.9	0.9	-0.0	2	J
17	562	3.0	147	J	4.4	10	325	3.4	-2.5	-0.1	2	J
18	559	3.3	124	J	5.0	-4	14	4.5	1.2	0.1	2	J
19	583	4.3	191	J	5.1	-2	287	1.1	-3.2	-1.6	4	J
20	606	4.8	221	J	4.5	6	243	-0.9	-1.6	-0.6	4	J
21	578	5.2	174	J	5.1	13	265	-0.3	-3.8	-1.1	3	J
22	560	4.0	115	J	6.8	-9	320	3.9	-2.4	-2.3	4	J
23	549	3.6	101	J	6.3	16	338	5.2	-2.6	0.3	3	J
24	551	4.0	125	J	6.1	5	5	5.5	0.2	0.7	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 14, 1976							45
1	581	4.5	144	J	6.8	24	337	5.3	-3.2	1.1	2	J
2	634	5.1	226	J	5.7	10	297	1.7	-3.2	-1.0	4	J
3	614	5.5	183	J	6.2	12	322	3.6	-3.0	-0.4	4	J
4	646	5.0	183	J	5.8	-40	291	1.3	-1.8	-4.0	3	J
5	649	4.8	219	J	4.7	32	1	2.0	-0.4	1.2	4	J
6	631	4.6	171	J	5.3	15	31	4.1	2.0	2.0	2	J
7	628	4.6	177	J	5.4	9	11	4.1	0.6	0.8	3	J
8	613	4.5	127	J	5.5	19	350	4.7	-1.2	1.5	2	J
9	619	4.8	145	J	5.6	27	359	4.2	-0.4	2.1	3	J
10	625	5.1	158	J	5.9	19	318	3.2	-3.1	1.0	4	J
11	613	5.1	128	J	6.3	15	9	5.0	0.6	1.4	4	J
12	617	4.7	138	J	5.3	0	336	3.7	-1.7	-0.2	3	J
13	606	4.6	123	J	6.1	23	350	4.8	-1.2	1.9	3	J
14	614	4.9	141	J	5.7	-15	313	2.8	-2.7	-1.6	4	J
15	606	5.2	149	J	5.4	-5	315	3.4	-3.3	-1.2	2	J
16	595	5.8	168	J	5.4	2	357	5.0	-0.3	0.1	2	J
17	587	5.6	234	J	6.3	-12	354	6.0	-0.2	-1.4	1	J
18	587	5.9	269	J	5.5	30	8	4.7	-0.4	2.8	1	J
19	585	5.4	184	J	5.6	24	352	4.9	-1.5	1.7	2	J
20	578	5.5	201	J	5.2	-3	329	3.9	-2.0	-1.3	2	J
21	562	5.9	61	J	6.2	11	358	6.0	-0.8	0.9	1	J
22	573	6.5	121	J	6.1	10	24	5.3	1.5	2.1	2	J
23	581	6.3	137	J	5.9	15	40	4.1	2.2	3.0	2	J
24	559	6.3	73	J	6.2	15	5	5.8	-0.4	1.6	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 15, 1976							46
1	548	6.1	70	J	6.9	15	2	6.4	-0.7	1.6	2	J
2	546	5.8	73	J	6.5	21	358	6.0	-1.3	1.9	1	J
3	545	5.7	71	J	6.4	19	357	5.9	-1.2	1.7	1	J
4	541	5.4	85	J	6.4	29	355	5.5	-1.7	2.6	1	J
5	536	5.6	100	J	6.2	15	330	5.1	-3.3	0.4	1	J
6	539	5.5	94	J	6.0	4	329	5.0	-3.0	-0.5	1	J
7	528	5.3	96	J	6.1	3	340	5.7	-2.1	-0.2	1	J
8	513	5.4	80	J	5.1	29	337	3.9	-2.1	2.0	2	J
9	509	5.0	87	J	5.2	21	321	3.1	-2.8	1.1	3	J
10	507	4.7	76	J	4.1	-1	327	3.2	-2.0	-0.4	2	J
11	505	4.5	64	J	4.5	-6	305	2.6	-3.6	-1.0	1	J
12	502	5.1	70	J	3.9	3	328	3.1	-2.0	-0.1	1	J
13	491	5.9	95	J	1.6	-19	315	0.7	-0.7	-0.5	2	J
14	499	5.9	92	J	2.8	-59	184	-1.0	0.3	-1.7	2	J
15	494	6.0	90	J	3.4	-40	215	-2.0	-0.9	-2.3	2	J
16	489	5.2	82	J	3.7	0	257	-0.6	-2.5	-0.7	2	J
17	479	4.4	92	J	3.7	-31	15	2.8	1.3	-1.4	1	J
18	474	4.0	91	J	3.4	-30	3	2.8	0.7	-1.4	1	J
19	464	4.1	68	J	2.3	14	141	-1.0	0.6	0.6	2	J
20	439	4.5	57	J	2.1	30	148	-1.0	0.2	0.9	2	J
21	427	4.8	56	J	2.2	53	199	-1.0	-1.0	1.1	2	J
22	433	3.8	59	J	3.6	4	330	3.0	-1.6	-0.7	1	J
23	421	3.4	61	J	4.3	5	330	3.7	-2.0	-0.8	1	J
24	395	3.7	61	J	4.3	2	340	3.9	-1.3	-0.6	0	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					FEB. 16, 1976							47
1	366	4.4	30	J	3.8	-5	355	3.6	-0.1	-0.4	1	J
2	364	4.3	31	J	3.8	-5	358	3.7	0.0	-0.3	1	J
3	367	4.8	30	J	3.7	-24	1	2.9	0.6	-1.1	2	J
4	372	5.4	27	J	4.0	12	321	2.9	-2.5	-0.2	1	J
5	375	7.3	25	J	3.5	-4	316	2.3	-2.0	-1.0	1	J
6	376	9.3	22	J	3.8	11	301	1.7	-2.9	-0.3	2	J
7	373	9.5	20	J	3.5	-29	290	1.0	-2.2	-2.2	1	J
8	368	8.9	21	J								
9	369	11.5	23	J	4.1	4	324	2.6	-1.9	-0.1	3	J
10	370	13.3	19	J	4.4	33	312	2.0	-2.5	1.6	3	J
11	373	18.7	18	J	3.3	41	313	1.1	-1.3	1.2	3	J
12	374	24.5	18	J	1.2	-36	108	-0.1	0.4	-0.2	1	J
13	370	19.4	25	J	3.2	26	134	-1.6	1.5	1.4	2	J
14	375	12.6	39	J	5.1	-20	154	-4.1	2.3	-1.2	2	J
15	390	9.4	61	J	5.6	-27	155	-4.4	2.6	-1.9	1	J
16	389	9.2	65	J	5.8	-27	157	-4.7	2.6	-1.9	1	J
17	387	9.1	71	J	6.2	-35	159	-4.6	2.8	-2.7	2	J
18	390	9.7	64	J	6.1	-30	166	-5.0	2.3	-2.3	1	J
19	419	9.4	65	J	6.1	-17	122	-1.7	2.9	0.3	5	J
20	424	9.8	69	J	6.1	1	97	-0.7	4.8	2.6	3	J
21	414	7.8	64	J	6.5	8	141	-4.8	3.0	2.7	2	J
22	434	6.1	133	J	6.8	-3	126	-3.2	3.9	2.0	4	J
23	434	5.8	149	J	5.1	-7	51	2.2	2.5	1.1	4	J
24	427	6.6	111	J	5.4	6	87	0.3	3.8	2.9	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
					FEB. 17, 1976							48
1	419	7.5	92	J	5.1	-20	84	0.4	4.2	0.8	3	J
2	403	9.8	57	J	4.4	6	121	-1.8	2.4	1.8	3	J
3	397	10.9	60	J	4.4	1	116	-1.6	2.9	1.6	3	J
4	384	12.8	56	J	4.4	19	136	-2.2	1.5	1.9	3	J
5	384	11.3	57	J	4.2	-16	123	-2.0	3.3	0.2	2	J
6	379	11.2	53	J	3.4	-40	94	-0.1	1.8	-0.7	3	J
7	370	12.9	42	J	4.3	-23	170	-2.4	0.7	-0.9	3	J
8	374	12.7	37	J	3.5	-29	12	2.2	0.7	-1.1	2	J
9	382	13.2	43	J	4.4	-30	280	0.5	-2.5	-2.2	3	J
10	375	15.6	39	J	3.8	-25	277	0.3	-2.5	-1.7	3	J
11	373	24.4	25	J	3.7	-17	242	-1.6	-2.8	-1.5	2	J
12	364	15.2	28	J	6.4	1	187	-5.9	-0.7	-0.0	3	J
13	370	15.5	42	J	7.1	6	198	-6.1	-2.1	0.3	3	J
14	371	10.0	35	J	8.5	19	184	-7.7	-1.1	2.5	2	J
15	378	10.4	49	J	10.5	25	166	-9.1	1.2	4.8	1	J
16	361	10.8	180	J								
17	402	9.6	115	J								
18	436	15.6	123	J								
19	463	27.1	71	J								
20	437	20.3	69	J								
21	431	23.0	49	J								
22	446	31.2	129	L								
23	474	26.9	147	L								
24	488	22.6	285	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 18, 1976							49
1	489	27.6	347	L								
2	496	22.2	365	L								
3	523	17.6	438	L								
4	543	13.7	524	L								
5	602	14.5	560	L								
6	625	0.0	0	H								
7	688	7.0	407	L								
8	721	0.0	0	H								
9	704	6.0	256	L								
10	739	4.8	270	L								
11	735	4.3	267	L								
12	743	0.0	0	H								
13	727	3.4	260	L								
14	735	3.2	327	L								
15	741	4.5	282	L								
16	703	4.0	244	L								
17	687	4.2	262	L								
18	698	4.2	239	L								
19	715	4.5	348	L								
20	685	5.0	275	L								
21	727	0.0	0	H								
22	735	3.4	275	L								
23	703	3.1	255	L								
24	677	3.4	210	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 19, 1976							50
1	677	3.3	216	L								
2	669	3.6	233	L								
3	682	3.9	227	L								
4	681	3.5	217	L								
5	685	3.7	295	L								
6	691	3.6	277	L								
7	688	3.7	225	L								
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
					FEB. 23, 1976							54
1												
2												
3												
4												
5												
6												
7												
8	468	4.1	58	J								
9	467	5.0	82	J								
10	473	4.4	70	J								
11	461	4.5	56	J								
12												
13												
14												
15												
16												
17	451	4.3	47	J								
18	450	4.3	37	J	3.3	11	118	-1.4	2.2	1.6	1	J
19	444	4.3	40	J	3.3	8	112	-1.1	2.4	1.6	1	J
20												
21	428	4.2	50	L								
22	428	5.1	51	L								
23												
24	415	6.2	39	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 24, 1976							55
1	424	5.0	39	L								
2												
3					4.1	40	215	-1.3	-1.4	0.7	4	J
4	417	5.3	44	L	3.8	27	140	-2.2	1.0	2.1	2	J
5					3.5	12	161	-2.8	0.6	0.9	2	J
6					3.5	21	149	-2.4	1.0	1.5	2	J
7	386	8.0	40	L	3.5	19	157	-2.7	0.8	1.3	2	J
8	379	8.4	34	L	3.8	-1	51	2.3	2.8	0.6	1	J
9	383	7.2	33	L	3.6	-5	151	-2.4	1.3	0.0	2	J
10	379	10.3	50	J	3.9	0	122	-2.0	3.1	0.6	1	J
11	369	8.2	38	L	4.3	-1	224	-1.8	-1.7	-0.3	4	J
12	358	5.5	28	L	4.0	-7	215	-2.4	-1.6	-0.7	3	J
13	354	5.6	28	L	3.9	-11	200	-2.5	-0.8	-0.7	3	J
14	355	5.7	28	L	4.3	-8	198	-3.7	-1.0	-0.8	2	J
15	341	8.0	20	L	3.7	-8	231	-1.9	-2.1	-1.0	3	J
16	341	10.9	19	L	3.0	-35	204	-1.0	-0.2	-0.9	3	J
17	341	9.6	22	L	3.7	35	246	-1.0	-2.7	0.8	2	J
18	338	11.0	18	J	4.3	22	220	-2.9	-2.9	0.4	1	J
19	337	12.5	17	J	3.4	11	222	-2.3	-2.2	-0.4	1	J
20	334	13.4	14	J	3.4	26	200	-2.8	-1.6	0.8	1	J
21	331	13.5	15	J	3.3	16	208	-2.7	-1.7	0.0	1	J
22	330	12.9	14	J	3.6	10	223	-2.5	-2.3	-0.7	1	J
23	327	13.5	14	J	3.4	4	223	-2.5	-2.1	-1.1	1	J
24					3.9	17	202	-3.5	-1.8	0.2	0	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 25, 1976							56
1	327	11.9	18	J	3.7	13	209	-3.1	-1.9	-0.2	0	J
2												
3												
4	324	15.4	24	J	3.7	27	186	-3.2	-1.0	1.3	1	J
5	329	15.8	20	J	3.1	2	153	-1.9	0.9	0.4	2	J
6	331	16.1	19	J	3.1	-28	131	-1.4	2.0	-0.5	2	J
7	327	18.9	17	J	3.0	-51	192	-1.5	0.2	-1.9	2	J
8	322	19.9	16	J	3.5	-30	142	-2.1	2.0	-1.1	2	J
9	320	19.5	16	J	3.2	19	151	-2.6	1.2	1.3	1	J
10	330	19.6	17	J	3.4	-71	20	0.8	0.7	-2.3	2	J
11	331	20.3	19	J	3.7	-47	22	2.3	1.4	-2.4	1	J
12	330	19.1	22	J	3.9	-21	16	3.4	1.2	-1.2	1	J
13	319	19.0	19	J	2.9	-32	36	1.2	1.0	-0.7	2	J
14	311	20.0	16	J	2.6	-16	137	-1.7	1.7	-0.3	1	J
15	309	19.3	17	J	2.5	-7	154	-2.1	1.1	-0.0	1	J
16	311	17.5	19	J	3.0	-14	144	-2.1	1.7	-0.2	1	J
17	313	15.5	19	J	3.3	-35	154	-2.3	1.7	-1.3	1	J
18	316	16.0	16	J	3.1	-32	168	-2.5	1.1	-1.2	1	J
19	319	15.7	16	J	3.6	-41	155	-2.4	2.0	-1.6	1	J
20	318	20.4	15	J	2.0	-47	91	-0.0	1.8	-0.6	1	J
21	316	23.0	17	J	2.3	-23	123	-1.0	1.6	0.1	1	J
22	307	26.6	12	J	2.9	22	164	-2.6	0.0	1.3	0	J
23	308	27.9	15	J	3.5	21	140	-2.4	1.0	2.1	1	J
24	307	28.6	14	J	4.1	15	136	-2.8	1.7	2.4	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 26, 1976							57
1	312	34.0	17	J	4.9	-14	136	-3.2	3.2	0.7	2	J
2	321	29.1	20	J	3.4	-50	61	0.1	0.3	-0.1	3	J
3	330	23.1	22	J	4.0	31	314	2.2	-2.9	0.6	2	J
4	329	24.3	23	J	3.3	33	321	2.1	-2.3	0.8	1	J
5	331	27.9	22	J	3.5	1	310	2.1	-2.3	-0.9	2	J
6	329	33.7	22	J	3.7	-8	316	2.1	-1.7	-1.1	2	J
7	331	35.3	22	J	3.3	-2	306	1.5	-2.0	-0.7	2	J
8	339	32.7	28	J	5.1	-51	166	-2.7	1.5	-3.2	3	J
9	347	32.2	25	J	5.3	-31	141	-3.0	2.9	-1.8	3	J
10	346	19.6	46	J	7.2	12	297	3.0	-6.1	0.3	3	J
11	343	17.3	55	J	5.8	-67	287	0.5	-0.8	-3.9	4	J
12	344	15.9	48	J	5.3	-36	297	0.8	-1.3	-1.5	5	J
13	339	13.5	41	J	5.9	25	302	2.6	-4.6	1.4	2	J
14	355	12.2	43	J	7.0	-35	222	-3.5	-2.3	-3.9	4	J
15	350	11.4	54	J	6.0	22	266	-0.4	-5.4	0.6	3	J
16	358	11.4	46	J	4.8	-3	230	-3.0	-3.3	-1.3	1	J
17	363	12.0	43	J	5.5	8	283	1.0	-4.1	-0.9	4	J
18	366	13.7	46	J	6.3	3	291	1.8	-4.4	-1.6	4	J
19	364	13.2	50	J	6.2	24	312	3.4	-4.3	0.3	3	J
20	371	13.0	48	J	5.3	10	319	3.4	-3.0	-0.8	3	J
21	375	13.0	44	J	6.1	1	307	3.6	-4.2	-2.4	1	J
22	381	14.4	52	J	5.9	-3	289	1.8	-4.3	-3.1	2	J
23	375	16.1	46	J	5.9	-5	311	3.5	-3.1	-2.6	2	J
24	379	16.6	41	J	6.4	-24	292	1.9	-2.7	-4.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 27, 1976							58
1	379	16.5	37	J	6.8	12	283	1.4	-5.8	-2.1	2	J
2	377	17.3	35	J	5.2	2	298	2.3	-3.9	-2.1	1	J
3	384	18.3	36	J	4.7	5	277	0.4	-3.1	-1.4	3	J
4	378	19.2	41	J	6.4	45	306	2.5	-5.0	2.3	2	J
5	375	17.6	45	J	5.9	16	349	5.5	-1.6	1.1	1	J
6	384	20.1	48	J	5.7	-12	306	2.9	-3.4	-2.4	2	J
7	383	23.5	43	J	4.9	10	289	1.0	-2.8	-0.3	4	J
8	381	29.2	39	J	4.5	-28	174	-3.8	0.9	-1.9	2	J
9	385	38.9	45	J	5.3	18	319	3.4	-3.2	0.8	2	J
10	387	37.1	49	J	9.7	-23	306	4.6	-5.6	-4.5	5	J
11	421	28.0	145	J	7.7	22	305	2.2	-3.4	1.0	7	J
12	445	23.0	186	J	9.6	39	311	3.4	-4.6	3.4	8	J
13	528	14.4	233	J	12.8	26	316	5.6	-6.1	2.6	10	J
14	493	15.1	243	J	12.5	5	320	8.8	-7.5	-0.7	4	J
15	496	16.3	224	J	13.8	-38	331	9.2	-2.8	-9.3	3	J
16	522	14.4	307	J	13.1	-9	313	6.4	-6.1	-3.5	9	J
17	535	12.4	412	J	13.4	30	317	7.4	-8.6	3.0	7	J
18	546	9.4	261	J	13.0	3	311	7.6	-8.2	-3.0	6	J
19	581	9.0	428	J	7.7	2	4	6.6	0.3	0.4	4	J
20	613	8.7	389	J	8.5	3	322	3.4	-2.4	-1.1	8	J
21	609	7.9	295	J	10.4	22	308	5.2	-7.5	-0.6	5	J
22	598	7.7	201	J	11.2	-4	321	8.0	-5.1	-4.1	4	J
23	617	5.9	190	J	9.5	-11	320	6.5	-3.6	-4.4	5	J
24	633	4.4	154	J	6.9	-2	16	5.8	1.5	0.7	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 28, 1976							59
1	629	4.1	162	J	6.7	-1	21	5.8	1.9	1.1	2	J
2	621	4.1	128	J	6.9	8	4	6.6	-0.1	1.0	1	J
3	618	4.2	131	J	6.8	9	19	5.7	1.3	1.8	3	J
4	627	4.0	149	J	6.4	20	330	4.4	-3.1	0.5	3	J
5	625	3.0	118	J	5.7	21	314	3.7	-4.3	0.4	1	J
6	616	3.0	113	J	5.4	13	322	3.8	-3.2	0.0	2	J
7	614	2.9	108	J	4.9	-19	350	3.4	-0.2	-1.3	3	J
8	618	2.5	94	J	4.9	-22	344	3.9	-0.7	-1.9	2	J
9	654	2.2	169	J	4.4	-12	314	2.5	-2.4	-1.3	2	J
10	665	2.2	174	J	4.3	21	289	1.3	-3.9	0.8	1	J
11	644	2.2	148	J	4.2	1	296	1.3	-2.4	-0.4	3	J
12	623	2.1	170	J	3.7	-39	341	2.1	-0.4	-1.9	2	J
13	619	2.3	217	J	3.4	-18	313	1.8	-1.7	-1.2	2	J
14	618	2.2	206	J	3.6	-43	317	1.6	-1.0	-2.3	2	J
15	606	2.0	152	J	3.5	-23	313	2.0	-1.7	-1.8	1	J
16	588	1.9	159	J	3.4	-44	340	2.0	-0.1	-2.2	2	J
17	585	1.8	137	L	3.9	-39	330	2.5	-0.5	-2.7	1	J
18	526	3.6	82	J	3.8	-50	10	1.5	1.0	-1.6	3	J
19	533	2.3	63	J	4.2	-49	349	1.9	0.7	-2.2	3	J
20	534	2.5	60	J	4.6	-30	306	2.3	-1.6	-3.5	1	J
21	512	4.3	46	J	4.0	-6	298	1.1	-1.7	-1.3	3	J
22	494	4.8	28	J	4.2	-38	316	2.3	-0.5	-3.3	1	J
23	495	5.5	26	J	4.1	-56	322	1.8	0.7	-3.6	1	J
24	497	9.4	26	J	4.3	-76	41	0.6	2.1	-2.2	3	J
					FEB. 29, 1976							60
1	505	9.4	35	J	6.4	-39	105	-1.3	6.1	-0.8	1	J
2	516	10.7	42	J	7.1	-71	81	0.3	5.2	-4.4	2	J
3	509	5.8	43	L	7.5	-67	330	2.3	1.9	-6.1	3	J
4	520	8.4	64	J	7.8	-55	307	2.6	-0.4	-7.0	2	J
5					8.4	-71	296	1.2	0.9	-8.0	2	J
6	525	13.4	67	J	8.8	5	270	-0.0	-5.4	-1.5	7	J
7	507	13.1	68	J	9.5	1	305	4.9	-6.8	-1.9	4	J
8	503	16.8	85	J	9.3	11	334	6.5	-3.4	0.6	6	J
9	507	19.3	95	J	9.8	37	321	5.3	-5.3	4.1	5	J
10	503	22.5	76	J	11.3	55	4	5.9	-1.3	8.4	5	J
11	513	18.9	115	J	11.4	63	15	4.6	-0.5	9.3	5	J
12	535	10.4	297	J	11.4	59	341	5.2	-3.5	8.7	4	J
13	544	9.0	275	J	11.6	46	325	5.7	-5.4	6.3	6	J
14	541	9.9	290	J	11.7	32	313	6.2	-7.8	4.0	4	J
15	544	10.0	251	J	11.2	31	315	6.2	-7.4	3.4	5	J
16	551	10.3	330	J	11.5	28	306	5.6	-9.0	2.4	3	J
17	549	8.9	312	J	11.8	17	297	4.9	-10.3	-0.4	3	J
18	549	11.3	326	J	10.9	35	338	7.4	-5.0	3.8	5	J
19	565	11.0	326	J	10.8	20	274	0.6	-8.6	-1.1	6	J
20	541	10.9	264	J	10.4	25	302	3.6	-6.6	-0.1	7	J
21	548	11.8	282	J	9.3	-3	294	2.4	-4.4	-3.1	7	J
22	600	6.3	144	J	6.7	19	334	4.0	-2.5	0.2	5	J
23	603	6.1	149	J	6.0	-45	326	3.0	0.3	-4.2	3	J
24	618	5.3	135	J	5.5	10	292	1.5	-3.5	-1.5	4	J
					MAR. 1, 1976							61
1	597	5.6	153	L	5.5	13	358	4.4	-0.7	0.8	3	J
2	618	5.3	187	L	4.7	0	294	1.6	-3.0	-1.9	2	J
3	619	4.8	172	L	4.6	1	278	0.6	-3.6	-1.9	2	J
4	614	4.7	174	L								
5	624	5.1	166	L								
6												
7												
8												
9	588	6.5	141	L								
10	586	0.0	0	H								
11	573	6.4	144	L								
12	549	6.6	139	L								
13	518	0.0	0	H								
14	543	0.0	0	H								
15	562	0.0	0	H								
16												
17	580	5.0	152	L								
18	577	5.8	123	L								
19	576	5.8	132	L								
20	570	5.4	142	L								
21	560	5.7	142	L								
22	555	5.3	134	L								
23	549	4.5	127	L								
24	549	5.1	128	L								
					MAR. 2, 1976							62
1	553	5.5	138	L								
2	575	5.8	122	L								
3	567	5.6	130	L								
4	556	5.1	122	L								
5	604	5.5	127	L								
6	607	5.9	136	L								
7	601	5.3	128	L								
8	587	5.4	183	L								
9	586	5.6	171	L								
10	594	6.2	196	L								
11	584	5.0	184	L								
12	598	5.2	213	L								
13	594	5.9	230	L								
14	630	6.2	294	L								
15	655	5.3	201	L								
16	664	4.9	174	L								
17	668	4.6	163	L								
18	670	0.0	0	H								
19	653	5.5	190	L								
20	665	4.2	155	L								
21	627	0.0	0	H								
22	626	4.6	169	L								
23	642	4.0	179	L								
24	645	4.1	185	L								
					MAR. 3, 1976							63
1	625	4.4	185	L								
2	628	3.8	167	L								
3	615	3.9	178	L								
4	637	3.6	154	L								
5	633	3.7	146	L								
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					MAR. 6, 1976							66
1												
2												
3												
4												
5												
6												
7												
8	561	9.1	180	J								
9	601	7.2	268	J								
10	608	6.9	295	J								
11	610	5.5	274	J								
12	631	5.6	275	J								
13	620	4.7	202	J								
14	605	4.8	158	J								
15	622	5.1	240	J								
16	627	5.3	281	J								
17												
18	621	7.0	292	J								
19	590	6.7	334	J	6.7	-7	322	4.9	-3.1	-2.5	2	J
20	600	6.6	307	J	5.4	-10	342	4.1	-0.8	-1.3	3	J
21	606	6.4	277	J	6.0	18	339	4.1	-2.1	0.4	4	J
22	612	5.1	225	J	7.8	7	285	1.8	-6.0	-3.0	4	J
23	617	4.8	222	J	8.8	-27	253	-2.2	-3.8	-7.4	2	J
24												
					MAR. 7, 1976							67
1												
2												
3												
4												
5												
6												
7	607	4.1	156	J	5.4	18	359	4.0	-0.5	1.2	3	J
8	601	4.4	106	J	6.3	11	351	5.5	-1.1	0.8	3	J
9	609	4.4	143	J	6.0	28	355	4.3	-0.9	2.1	3	J
10	604	4.5	123	J	6.2	21	360	5.2	-0.4	2.0	2	J
11	605	4.6	166	J	5.7	0	325	3.8	-2.6	-0.5	3	J
12	604	4.9	175	J	6.0	16	324	4.4	-3.4	0.9	2	J
13	608	5.4	191	J	6.1	14	334	3.9	-2.1	0.6	4	J
14	594	5.9	193	J	6.2	20	353	5.2	-1.1	1.7	2	J
15	589	6.8	185	J	6.6	4	350	6.0	-1.1	0.1	2	J
16	581	6.3	188	J	6.4	-28	349	4.7	-0.0	-2.7	3	J
17	573	6.1	159	J	5.9	-24	353	4.5	0.2	-2.1	3	J
18	574	6.2	158	J	5.7	-32	353	3.1	0.5	-1.9	4	J
19	555	6.1	126	J	5.6	8	355	5.1	-0.7	0.4	2	J
20	562	6.7	153	J	7.1	18	338	5.6	-2.9	0.5	3	J
21	578	7.2	184	J	8.7	4	306	4.9	-6.0	-3.1	2	J
22	604	5.5	197	J	10.2	29	313	5.8	-7.8	0.5	3	J
23					9.3	16	329	6.9	-4.7	-0.4	4	J
24	611	5.2	165	J	8.5	33	329	5.1	-4.7	1.5	5	J
					MAR. 8, 1976							68
1	641	6.1	280	J	8.2	-9	304	4.0	-4.4	-4.3	4	J
2												
3	667	5.3	224	L								
4												
5												
6												
7												
8												
9												
10	679	3.6	182	J	5.0	-21	335	3.4	-1.2	-1.7	3	J
11	692	3.7	261	J	4.6	-28	307	1.6	-1.8	-1.8	4	J
12	685	3.8	263	J	5.1	8	293	1.6	-3.8	-0.2	3	J
13	692	3.5	227	J	4.7	-16	291	1.2	-2.9	-1.6	3	J
14	674	3.3	169	J	5.0	9	315	3.1	-3.2	-0.1	2	J
15	662	3.2	171	J	4.8	-7	333	3.6	-1.6	-1.0	2	J
16	638	3.6	315	J	4.4	1	359	2.6	-0.1	0.0	4	J
17	653	3.4	231	L	4.1	8	351	3.0	-0.6	0.2	3	J
18	658	3.5	206	J	4.4	-18	328	3.2	-1.3	-2.0	2	J
19	657	3.6	217	J	4.6	3	304	2.5	-3.4	-1.5	1	J
20	637	3.5	220	J	4.5	-2	324	3.5	-2.1	-1.4	1	J
21	628	3.9	161	J	4.8	10	323	3.5	-2.7	-0.8	2	J
22	583	4.8	225	J	5.3	-7	325	4.2	-2.1	-2.2	1	J
23	575	5.7	169	J	5.8	10	339	5.1	-2.1	-0.3	2	J
24	569	6.5	161	L	6.3	11	343	5.5	-2.0	-0.0	2	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
					MAR. 9, 1976							69
1	581	7.5	296	J	7.2	24	339	6.1	-3.5	1.1	1	J
2	612	8.0	207	L								
3												
4	672	8.3	320	L								
5												
6	672	6.5	309	J	6.3	-10	303	2.9	-3.9	-2.5	3	J
7	674	5.3	247	J	6.0	16	314	3.7	-4.2	0.3	2	J
8	681	3.6	145	J	5.0	-1	329	3.7	-2.1	-0.7	3	J
9	692	3.9	175	J	5.4	21	320	3.4	-3.1	1.0	3	J
10	697	4.3	223	J	5.1	15	326	2.8	-2.0	0.5	4	J
11	690	4.5	198	J	5.7	-3	336	3.6	-1.6	-0.5	4	J
12	711	3.8	257	J	5.0	-27	309	1.8	-1.9	-1.9	4	J
13	715	3.8	208	J	5.8	-21	281	0.9	-4.1	-2.8	3	J
14	666	3.9	221	L	5.7	-12	327	4.2	-2.4	-1.7	3	J
15	659	3.9	227	J	6.3	-7	323	4.5	-3.1	-1.6	3	J
16	656	4.1	273	J	6.0	4	319	4.1	-3.5	-0.8	2	J
17	681	4.4	276	J	5.3	23	353	3.1	-1.0	1.0	4	J
18	671	4.8	303	J	5.6	-17	309	2.9	-2.7	-2.8	3	J
19	647	4.8	225	J	6.1	23	354	5.3	-1.6	1.7	2	J
20	653	4.5	277	J	5.7	17	345	4.5	-1.8	0.6	3	J
21	647	4.4	261	J	6.0	8	330	4.4	-2.5	-0.8	3	J
22	641	4.6	262	J	6.0	-28	322	3.6	-1.0	-3.6	3	J
23	680	4.6	281	J	6.2	-30	293	1.9	-2.1	-4.8	3	J
24	667	4.6	309	J	6.9	-10	295	2.0	-3.1	-3.2	5	J
					MAR. 10, 1976							70
1	671	4.4	235	J	6.7	29	345	4.2	-2.3	1.4	4	J
2	667	4.5	200	J	6.1	-4	337	5.5	-1.8	-1.6	1	J
3	647	4.0	223	L								
4	669	4.7	353	J	5.7	-11	331	3.3	-1.3	-1.5	4	J
5	730	4.4	221	J	6.3	-17	27	2.7	1.7	-0.3	5	J
6	676	4.4	176	J	6.0	22	356	5.0	-1.1	1.8	2	J
7												
8	688	4.2	227	J	5.5	31	25	3.6	1.0	2.7	3	J
9	683	4.4	222	J	5.6	10	328	3.6	-2.4	0.2	4	J
10	675	4.6	270	L	5.6	-10	340	3.6	-1.1	-0.9	4	J
11	667	4.5	252	L								
12	661	3.8	166	J	6.4	30	350	5.2	-1.5	2.6	2	J
13	679	3.5	189	J	6.1	23	327	3.9	-2.9	1.4	3	J
14	693	3.5	213	J	5.7	-8	297	2.3	-4.3	-1.8	2	J
15	671	2.9	141	J	5.3	-12	10	4.2	1.0	-0.7	3	J
16	660	2.7	173	J	5.5	3	315	3.7	-3.6	-1.0	2	J
17	647	3.0	208	L								
18	645	3.1	223	L								
19	641	3.5	197	J	5.8	6	345	4.5	-1.3	-0.1	3	J
20	648	3.7	233	L	5.4	14	10	4.1	0.1	1.3	3	J
21	658	3.5	196	J	5.9	28	16	3.6	-0.2	2.3	4	J
22	685	3.4	197	J	6.3	11	298	2.3	-4.1	-1.6	4	J
23	679	3.6	178	J	6.5	-4	295	2.0	-2.9	-2.4	5	J
24	687	3.0	150	J	5.8	-7	316	3.8	-2.5	-2.5	3	J
					MAR. 11, 1976							71
1	691	3.2	125	J	5.5	-8	321	4.0	-2.3	-2.4	2	J
2	698	3.2	155	J	5.5	-2	313	3.1	-3.1	-2.1	2	J
3	684	3.3	125	J	5.4	-5	336	4.3	-1.5	-1.3	3	J
4	685	3.3	154	J	5.7	25	330	3.9	-3.0	0.8	3	J
5	695	3.3	186	J	5.6	51	13	3.0	-0.9	3.8	3	J
6	653	3.0	180	J	5.7	15	341	4.9	-2.1	0.7	2	J
7	653	3.0	186	J	5.8	14	344	4.8	-1.7	0.7	3	J
8	655	3.2	187	J	6.0	21	352	4.8	-1.2	1.6	3	J
9	640	3.0	201	J	5.4	11	9	4.8	0.5	1.1	2	J
10	630	2.8	152	J	5.4	5	347	4.9	-1.2	0.2	2	J
11	655	3.4	286	J	5.5	23	323	3.2	-2.7	1.2	3	J
12	669	3.5	251	J	5.5	25	35	2.6	1.5	1.8	4	J
13												
14												
15	647	3.8	210	J	5.1	-13	336	3.5	-1.2	-1.3	3	J
16	654	4.2	235	J	5.4	31	346	3.5	-1.5	1.8	3	J
17	668	4.3	213	J	5.6	16	310	2.8	-3.6	-0.1	3	J
18	651	4.6	268	J	5.6	20	10	4.0	0.0	1.6	4	J
19	652	4.6	242	J	5.7	33	1	4.4	-1.3	2.5	2	J
20	652	5.0	235	J	5.6	22	7	4.1	-0.4	1.7	3	J
21	651	5.1	201	J	5.7	26	1	4.1	-1.0	1.7	3	J
22	634	4.8	132	J	5.7	15	337	4.6	-2.4	0.0	2	J
23	651	4.7	159	J	5.7	-10	300	2.4	-2.9	-3.0	3	J
24	653	4.5	146	J	5.4	11	311	2.2	-2.4	-0.9	4	J
					MAR. 12, 1976							72
1	662	4.4	184	J	5.7	-9	289	1.5	-3.2	-3.0	3	J
2	644	4.4	194	J	5.3	-4	314	2.8	-2.3	-1.8	3	J
3	621	4.4	97	J	5.6	-5	338	4.6	-1.4	-1.3	2	J
4	638	4.5	162	J	5.4	-19	311	2.9	-2.3	-2.9	3	J
5	630	4.0	144	J	5.3	12	344	3.5	-1.2	0.3	4	J
6	637	3.9	147	J	5.9	16	310	3.3	-4.2	-0.0	3	J
7	636	3.9	145	J	5.8	31	314	2.9	-3.7	1.4	3	J
8	632	3.6	121	J	5.1	-17	341	3.7	-0.9	-1.5	3	J
9	652	3.6	197	J	4.5	-44	328	2.4	-0.8	-3.0	2	J
10	657	3.6	185	J	4.6	-31	316	1.8	-1.4	-1.8	4	J
11	664	3.7	179	J	4.6	-43	296	1.0	-1.5	-2.4	3	J
12	637	3.9	155	J	4.6	0	356	3.1	-0.2	-0.0	3	J
13	630	3.9	147	J	4.7	18	28	3.5	1.5	1.7	2	J
14	624	3.9	103	J	4.4	-2	3	3.6	0.2	-0.1	2	J
15					4.6	19	354	3.7	-0.7	1.1	3	J
16	612	3.6	87	J	4.7	14	351	4.4	-1.0	0.8	1	J
17	641	3.4	169	L								
18	619	3.8	161	L								
19	611	3.2	153	L								
20	613	3.6	103	J	4.5	33	344	3.6	-2.1	1.6	1	J
21	628	3.5	118	J	4.2	10	348	2.4	-0.7	0.1	3	J
22	646	3.7	139	J	4.2	-25	228	-2.3	-1.2	-2.8	2	J
23	622	3.6	128	J	4.0	-13	4	2.0	0.4	-0.3	3	J
24	613	3.9	131	J	4.2	16	350	3.5	-1.1	0.5	2	J
					MAR. 13, 1976							73
1	639	4.3	169	J	3.9	25	326	2.4	-2.1	0.2	2	J
2	634	5.0	154	J	4.6	-16	254	-0.7	-1.8	-2.0	4	J
3	615	4.7	126	J	4.9	43	305	1.9	-4.0	1.3	2	J
4	594	4.5	143	J	4.6	31	337	3.4	-2.3	1.3	2	J
5	586	4.4	142	J	4.0	25	310	1.8	-2.5	0.3	2	J
6	603	4.3	123	J	4.1	4	235	-1.9	-2.7	-0.8	2	J
7	578	4.0	88	J	4.1	-10	296	1.1	-2.0	-1.2	3	J
8	576	3.9	97	J	3.4	-9	287	0.8	-2.4	-1.1	2	J
9	536	3.6	86	L								
10	529	3.8	92	L								
11	591	0.0	0	H								
12	526	0.0	0	H								
13												
14												
15												
16												
17												
18												
19												
20	501	0.0	0	H								
21	495	0.0	0	H								
22	509	0.0	0	H								
23	490	0.0	0	H								
24	478	0.0	0	H								
					MAR. 14, 1976							74
1												
2												
3	456	8.4	73	L								
4	439	11.7	102	L								
5	450	9.6	103	L								
6	449	9.1	113	L								
7	441	9.3	113	L								
8	433	8.5	99	L								
9	429	8.8	73	L								
10	426	7.2	68	L								
11	428	6.4	71	L								
12												
13	425	5.1	58	L								
14												
15	418	6.1	23	L								
16	417	5.7	38	L								
17												
18												
19												
20												
21												
22												
23												
24												
					MAR. 15, 1976							75
1												
2												
3												
4												
5	406	8.8	44	L								
6												
7	394	10.4	28	L								
8	411	10.8	36	L								
9	410	11.9	35	L								
10	414	10.5	52	L								
11	405	10.6	41	L								
12	400	12.0	31	L								
13	396	11.2	38	L								
14	407	11.6	32	L								
15	409	12.9	41	L								
16	413	20.4	83	L								
17	415	24.7	68	L								
18												
19												
20	446	31.5	122	L								
21	456	36.9	170	L								
22	451	57.1	140	L								
23												
24												
					MAR. 18, 1976							78
	621	4.0	175	L								
	617	4.1	171	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 19, 1976							79
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	614	3.5	128	J	5.2	15	138	-3.5	2.7	2.1	2	J
16	604	3.2	117	J	5.3	13	138	-3.6	2.7	2.2	2	J
17												
18												
19	620	4.4	187	J	4.3	15	236	-1.8	-2.7	-0.5	3	J
20	623	4.9	182	J	4.2	39	210	-2.2	-2.1	1.1	3	J
21	617	5.2	180	J	4.8	51	129	-1.7	-0.1	3.9	2	J
22	598	5.4	204	L								
23	610	5.2	168	J	4.6	5	112	-1.4	2.7	2.3	2	J
24	609	4.7	154	J	5.1	12	112	-1.7	2.9	3.2	2	J
					MAR. 20, 1976							80
1	600	4.5	138	J	5.0	9	124	-2.1	2.3	2.2	3	J
2	607	4.7	162	J	4.7	-1	117	-1.6	2.7	1.7	3	J
3	604	4.8	157	J	3.8	-20	125	-1.2	1.8	0.2	3	J
4	618	5.2	154	J	4.1	22	87	0.1	1.8	2.1	3	J
5	603	4.5	154	L	4.2	5	82	0.4	1.6	1.5	3	J
6	607	5.0	208	J								
7	596	4.7	134	J	5.1	-24	90	0.0	4.5	-0.4	2	J
8	623	3.7	102	J	4.9	-17	82	0.6	4.5	-0.1	2	J
9	613	3.6	96	J	4.5	-6	104	-0.8	3.1	0.4	3	J
10	570	4.0	139	J	4.0	11	155	-3.0	1.2	0.9	2	J
11	571	4.2	104	J	4.2	15	180	-3.3	-0.2	0.9	2	J
12	600	4.3	151	J	3.8	-35	113	-0.5	1.4	-0.6	3	J
13	606	4.7	150	J	3.9	-16	78	0.7	3.3	-0.2	2	J
14	566	4.7	105	J	4.2	-26	159	-2.9	1.5	-1.2	2	J
15	588	4.5	134	J	4.2	10	102	-0.7	2.6	1.4	3	J
16	595	4.8	144	J	4.3	16	92	-0.1	3.1	2.2	2	J
17	606	4.8	117	J	4.8	7	66	1.7	3.4	2.0	2	J
18	576	4.9	96	J	4.6	21	123	-1.9	2.0	2.4	3	J
19	554	5.2	80	J	5.0	34	167	-3.9	-0.5	2.8	1	J
20	583	4.9	114	J	5.0	-11	71	1.2	3.5	1.2	3	J
21												
22												
23	559	4.8	128	J	5.4	43	126	-1.8	0.4	3.8	3	J
24	557	4.5	124	J	5.0	46	151	-2.6	-0.6	3.3	3	J
					MAR. 21, 1976							81
1	547	4.6	125	J	5.0	21	157	-3.5	0.4	2.1	3	J
2	545	4.5	125	J	5.1	50	189	-3.0	-2.3	2.8	2	J
3	526	4.2	175	J	4.3	6	171	-4.0	0.3	0.7	1	J
4	517	4.0	129	J	4.6	10	174	-4.3	0.1	0.9	2	J
5	505	3.2	62	J	4.2	3	159	-3.6	1.2	0.8	1	J
6	502	3.4	52	J	4.2	4	156	-3.6	1.4	0.8	1	J
7	493	3.2	56	J	4.2	-3	164	-3.8	1.1	0.1	1	J
8	488	3.8	100	J	4.2	-7	165	-3.8	1.1	-0.2	1	J
9	475	3.4	153	J	3.7	-1	171	-3.4	0.5	0.1	1	J
10	487	3.3	114	J	3.2	7	185	-2.8	-0.3	0.3	2	J
11	496	3.6	87	J	3.1	1	153	-2.2	1.1	0.3	2	J
12	485	3.2	121	J	2.8	-5	180	-2.6	0.0	-0.2	1	J
13	472	3.7	84	J	3.3	-37	218	-1.8	-1.0	-2.0	2	J
14	460	3.7	51	J	3.9	-11	155	-2.9	1.5	-0.3	2	J
15	463	4.0	58	J	4.2	-12	137	-2.4	2.4	-0.0	2	J
16	463	4.3	70	J	4.0	15	153	-3.1	1.2	1.4	2	J
17	480	4.4	74	J	4.4	-21	101	-0.6	3.4	0.1	2	J
18	480	4.5	81	J	4.2	0	100	-0.6	3.2	1.5	2	J
19	495	4.3	86	J	4.6	10	74	0.7	1.9	1.6	4	J
20	462	3.5	79	L	4.2	10	153	-3.4	1.1	1.5	2	J
21	462	3.8	58	J	4.2	6	126	-2.1	2.2	1.9	2	J
22	461	3.8	63	J	3.7	-14	102	-0.7	3.1	1.1	1	J
23	447	3.9	69	J	3.7	-8	130	-2.2	2.4	1.1	2	J
24	446	3.9	76	J	3.6	-1	144	-2.6	1.6	1.0	2	J
					MAR. 22, 1976							82
1	441	3.8	97	J	3.9	0	149	-3.2	1.6	1.1	1	J
2	448	3.8	89	J	3.7	3	140	-2.7	1.8	1.3	1	J
3	447	3.9	85	J	3.4	10	127	-1.9	1.9	1.7	1	J
4	440	3.9	72	J	3.8	15	118	-1.6	2.2	2.2	1	J
5	424	4.4	70	J	4.3	2	156	-3.7	1.5	0.8	1	J
6	417	3.9	53	J	4.0	-17	155	-3.3	1.8	-0.5	1	J
7	412	3.7	40	J	4.0	5	148	-3.3	1.8	1.0	1	J
8	414	4.1	56	J	4.1	33	145	-2.6	1.2	2.5	1	J
9	421	4.5	63	J	4.1	5	123	-2.0	2.9	1.1	2	J
10	407	4.2	60	J	4.1	-7	141	-2.9	2.4	0.1	2	J
11	395	3.9	67	J	3.9	-1	177	-3.9	0.2	-0.0	1	J
12	386	4.6	101	J	4.1	3	156	-3.6	1.5	0.5	1	J
13	394	4.8	76	J	4.3	2	136	-3.0	2.6	0.8	1	J
14	389	4.6	110	J	4.5	4	168	-4.2	0.8	0.5	1	J
15	385	4.7	85	J	4.0	-9	177	-3.7	0.4	-0.5	1	J
16	380	5.2	77	J	3.9	-9	173	-3.5	0.6	-0.4	1	J
17	383	6.7	46	J	3.8	35	122	-1.5	1.4	2.7	2	J
18	383	7.5	36	J	3.4	27	113	-1.1	1.7	2.4	1	J
19	380	8.1	28	J	3.6	24	103	-0.7	2.1	2.8	1	J
20	375	9.4	23	J	3.4	12	99	-0.5	2.5	2.3	1	J
21	368	9.0	24	J	3.4	1	115	-1.4	2.5	1.7	1	J
22	362	8.8	29	J	2.5	2	123	-1.3	1.6	1.2	1	J
23	362	8.9	25	J	1.7	-6	58	0.9	1.3	0.7	0	J
24	350	6.9	28	J	3.2	-10	84	0.3	2.7	1.2	1	J
					MAR. 23, 1976							83
1	348	7.3	35	J	3.0	-3	121	-1.5	2.2	1.3	1	J
2	349	9.5	22	J	1.0	-42	167	-0.4	0.2	-0.2	1	J
3	352	10.3	24	J	1.7	-23	100	-0.2	1.4	0.2	1	J
4	356	11.7	23	J	1.8	-22	110	-0.3	1.0	0.1	2	J
5	352	12.9	20	J	1.6	-34	132	-0.7	1.0	-0.3	1	J
6	347	12.2	20	J	2.6	14	126	-1.4	1.6	1.3	1	J
7	340	12.7	18	J	2.3	38	121	-0.9	1.0	1.8	1	J
8	347	13.4	19	J								
9	349	14.5	20	J	2.5	-8	145	-1.1	0.8	0.0	2	J
10	348	14.0	23	J	3.1	-27	146	-2.2	1.8	-1.0	1	J
11	343	15.3	19	J	2.4	5	145	-1.5	1.0	0.4	2	J
12	344	15.3	13	L								
13	340	14.4	17	J	3.2	11	153	-2.5	1.1	0.8	1	J
14	347	17.1	19	J	2.5	35	123	-1.0	1.1	1.6	1	J
15	351	19.6	19	J	2.8	76	84	0.1	-0.1	2.7	1	J
16	352	17.4	25	J	3.3	77	34	0.4	-0.4	1.9	3	J
17	365	13.6	32	J	5.0	13	296	1.8	-3.8	-0.6	3	J
18	371	12.6	31	J	5.2	-46	223	-1.9	-0.4	-3.2	4	J
19	366	15.6	26	J	4.3	9	311	2.7	-3.1	-0.9	1	J
20	368	14.6	22	J	4.7	15	319	3.4	-3.1	-0.5	1	J
21	372	15.0	21	J	4.1	-13	202	-2.1	-0.4	-0.9	4	J
22	374	14.0	24	J	3.8	-17	233	-1.6	-1.3	-1.9	3	J
23	379	10.2	27	J	4.4	0	307	1.8	-2.0	-1.4	3	J
24	382	8.7	33	J	4.3	-33	211	-2.8	-0.2	-2.7	2	J
					MAR. 24, 1976							84
1	388	6.8	46	J	5.2	2	291	1.7	-3.8	-2.3	2	J
2	396	6.2	37	J	5.0	1	292	1.8	-3.9	-2.3	1	J
3	391	5.3	46	J	5.0	9	310	3.2	-3.7	-1.2	1	J
4	399	5.9	42	J	4.6	13	328	3.7	-2.5	-0.2	1	J
5	394	5.8	50	J	4.7	10	315	3.2	-3.3	-0.6	1	J
6	394	5.5	40	J	4.7	10	334	4.1	-2.1	0.0	1	J
7	394	5.1	37	J	4.7	1	342	4.5	-1.4	-0.4	0	J
8	385	4.8	53	J	4.9	5	338	4.5	-1.9	-0.1	1	J
9	382	4.3	55	J	4.3	0	350	4.2	-0.7	-0.2	0	J
10	381	4.3	67	J	4.3	-1	348	4.2	-0.9	-0.3	1	J
11	378	4.7	76	J	4.7	-1	342	4.5	-1.4	-0.4	1	J
12	373	4.8	50	J	4.5	-1	340	4.2	-1.5	-0.4	0	J
13	371	4.5	29	J	4.7	5	338	4.2	-1.8	0.0	1	J
14	368	6.2	26	J	4.3	7	330	3.6	-2.1	-0.0	1	J
15	369	6.9	22	J	3.3	10	335	2.8	-1.4	0.1	1	J
16	344	10.3	18	J	2.5	21	315	1.2	-1.3	0.2	2	J
17	339	10.4	20	J	2.3	17	322	1.7	-1.5	0.1	0	J
18	335	11.0	15	J	2.3	16	338	2.0	-1.0	0.2	1	J
19	333	12.2	12	J	2.2	2	351	2.2	-0.3	-0.1	0	J
20	334	14.9	12	J	2.4	-8	345	2.3	-0.4	-0.6	0	J
21	332	15.8	11	J	2.4	2	344	2.3	-0.6	-0.3	0	J
22	330	14.8	9	J	2.9	7	347	2.8	-0.7	-0.1	0	J
23	330	15.3	10	J	2.8	8	3	2.7	-0.1	0.4	1	J
24	327	14.3	11	J	2.1	11	35	1.6	0.7	1.0	0	J
					MAR. 25, 1976							85
1	322	12.7	11	J	2.1	13	32	1.7	0.6	0.9	1	J
2	322	13.7	13	J	1.9	3	28	1.6	0.7	0.5	1	J
3	321	14.0	12	J	1.6	11	25	1.3	0.4	0.6	1	J
4	326	11.4	15	J	2.7	26	322	1.7	-1.7	0.3	2	J
5	333	11.6	15	J	2.8	12	300	1.3	-2.3	-0.4	1	J
6	321	9.7	15	J	2.7	-9	253	-0.8	-2.1	-1.3	1	J
7	322	10.3	15	J	2.1	-18	259	-0.3	-1.3	-1.0	1	J
8	317	10.4	14	J	1.8	-18	260	-0.3	-1.4	-0.9	1	J
9	320	10.9	14	J	1.3	9	88	0.0	0.5	0.2	1	J
10	320	11.9	10	J	1.1	-31	55	0.4	0.7	-0.3	1	J
11	324	15.1	13	J	1.1	-1	74	0.1	0.5	0.1	1	J
12	324	17.1	13	J	1.6	12	54	0.6	0.7	0.4	1	J
13	323	17.2	11	J	2.3	5	53	1.2	1.5	0.5	1	J
14					2.6	-13	77	0.6	2.5	0.1	0	J
15	328	18.3	19	J	5.7	56	55	1.8	1.1	5.1	2	J
16	329	20.9	15	J	5.8	73	15	1.6	-1.4	5.3	1	J
17	328	24.0	16	J	5.6	55	70	0.9	0.9	4.5	3	J
18	324	25.5	18	J	5.5	70	112	-0.7	-0.6	5.3	1	J
19	323	26.1	18	J	5.6	56	88	0.1	0.5	5.5	1	J
20	322	31.6	17	J	5.1	35	86	0.3	1.9	4.4	2	J
21	320	31.5	19	J	5.3	2	89	0.1	3.9	2.7	2	J
22	320	24.3	18	J	7.4	24	92	-0.2	3.6	5.9	2	J
23	324	34.2	19	J	6.5	-15	113	-2.4	5.5	1.9	2	J
24	321	30.0	20	J	8.1	-51	109	-1.6	7.4	-2.4	1	J
					MAR. 26, 1976							86
1	325	18.9	37	J	9.8	-50	115	-2.6	8.8	-3.1	1	J
2	329	22.1	41	J	10.3	-39	109	-2.5	9.6	-1.5	3	J
3	342	27.0	51	J								
4	375	29.0	41	J								
5	377	37.9	57	J								
6	330	66.7	162	J								
7	423	53.8	56	L								
8	433	54.5	47	L								
9	422	30.1	50	L								
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	588	6.7	215	L								
24	567	7.0	198	L								

03/27/76 - 04/05/76

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 27, 1976							87
1	576	7.0	198	L								
2	567	7.6	204	L								
3	552	7.5	200	L								
4	569	7.3	188	L								
5	579	6.5	191	L								
6												
7												
8												
9												
10	575	7.0	192	L								
11	568	6.5	167	L								
12	562	6.7	168	L								
13	570	5.6	142	L								
14	588	5.8	174	L								
15	603	6.2	172	L								
16	605	6.1	157	L								
17	581	7.0	167	L								
18												
19												
20	586	5.2	157	L								
21												
22												
23												
24												
					MAR. 28, 1976							88
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	549	5.5	105	L								
11	548	6.1	121	L								
12	543	6.1	101	L								
13	547	6.2	88	L								
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					MAR. 31, 1976							91
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	375	12.5	76	L	3.6	-3	280	0.6	-3.0	-0.8	2	J
11	385	12.2	69	L	4.5	-12	352	3.9	-0.4	-0.9	2	J
12	393	15.0	71	L	4.2	-3	294	1.3	-2.8	-0.8	3	J
13	383	13.1	64	L	5.2	-6	316	3.4	-3.1	-1.2	2	J
14	372	11.6	63	L	6.1	10	325	4.4	-3.2	0.2	3	J
15	373	10.3	68	L	5.5	-11	333	4.3	-1.8	-1.5	3	J
16	363	9.7	65	L	4.4	1	342	3.8	-1.2	-0.3	2	J
17												
18												
19	350	8.9	62	L	4.4	-9	349	4.2	-0.4	-1.0	1	J
20	361	12.9	88	L	5.5	28	349	4.3	-1.9	1.6	2	J
21	363	11.3	100	L	5.2	30	352	4.2	-1.8	1.7	2	J
22	374	10.1	103	L	4.2	26	20	3.1	0.0	2.0	2	J
23	366	10.2	87	L	3.7	17	344	2.7	-1.1	0.3	2	J
24	366	9.9	90	L	3.4	-27	327	2.2	-0.4	-1.9	2	J
					APR. 1, 1976							92
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	481	19.3	74	L								
11												
12												
13												
14	453	3.0	96	L								
15	439	6.7	41	J	17.4	-9	298	8.0	-13.7	-6.9	1	J
16	445	4.9	61	L	15.7	-13	337	12.3	-3.9	-4.6	8	J
17	433	6.8	36	J	15.1	-15	325	9.3	-4.9	-5.3	10	J
18	419	5.9	45	J	13.7	-10	303	7.3	-9.2	-7.0	1	J
19	419	5.3	42	J	12.2	-12	303	6.4	-7.6	-6.9	1	J
20	412	4.2	38	J	10.8	-13	302	5.6	-6.4	-6.7	1	J
21	413	3.7	31	J	10.0	-13	314	6.7	-4.6	-5.6	1	J
22	442	3.7	52	J	8.5	-9	329	7.0	-2.8	-3.4	1	J
23												
24	443	3.3	37	J	8.0	-10	321	6.0	-3.2	-3.8	1	J
					APR. 2, 1976							93
1	439	3.4	58	J	8.5	-19	318	5.8	-2.9	-5.1	2	J
2	449	4.7	115	J	9.1	-7	306	5.0	-5.3	-4.4	3	J
3	442	5.7	116	J	8.3	-4	309	5.1	-5.2	-3.6	2	J
4	448	4.5	100	J	8.5	-1	301	4.3	-6.4	-3.3	2	J
5	440	4.5	140	J	8.3	9	306	4.7	-6.4	-1.4	2	J
6	440	4.8	97	J	8.6	12	310	5.3	-6.6	-0.6	1	J
7	442	4.4	83	J	8.7	24	315	5.5	-6.3	1.6	1	J
8	443	2.3	71	J	9.4	21	306	5.0	-7.5	1.3	2	J
9	425	2.0	61	J	9.1	24	317	5.7	-6.0	2.1	3	J
10	426	2.2	74	J	8.8	42	324	5.0	-4.6	4.7	3	J
11	411	2.3	49	J	8.5	40	333	5.5	-3.7	4.5	3	J
12	434	2.5	72	J	8.5	60	17	4.0	-0.3	7.3	2	J
13	431	3.0	74	J	8.5	51	337	4.8	-3.4	5.9	2	J
14	425	2.5	59	J	8.3	21	324	5.9	-4.8	1.7	3	J
15	417	2.7	48	J	8.1	9	331	6.6	-3.9	0.1	3	J
16					9.3	25	331	7.4	-5.2	2.4	0	J
17												
18												
19	506	9.8	59	J	10.0	34	82	1.1	4.3	8.2	4	J
20	531	14.0	119	J	7.1	31	298	1.3	-2.9	0.2	7	J
21	509	13.2	127	J	6.8	-30	269	-0.1	-2.0	-3.9	5	J
22	524	8.8	168	J	9.2	29	308	4.7	-7.4	0.2	3	J
23	539	9.5	198	J	9.2	16	291	2.9	-7.5	-2.3	4	J
24	565	8.9	238	J	8.2	5	266	-0.4	-4.6	-2.6	6	J
					APR. 3, 1976							94
1	577	7.7	211	J	8.3	6	271	0.1	-6.9	-3.5	2	J
2	546	6.1	159	J	8.6	22	314	4.8	-5.7	-0.2	4	J
3	543	5.3	135	J	8.6	26	315	5.3	-6.5	0.6	2	J
4	568	5.6	156	J	7.1	21	321	3.3	-3.2	0.3	5	J
5	587	5.4	182	J	7.3	-70	215	-0.8	0.5	-2.5	7	J
6	595	5.3	166	J	8.2	-33	155	-5.9	4.1	-3.0	2	J
7	588	4.7	235	J	9.0	-64	254	-0.8	-0.9	-6.5	6	J
8	611	4.1	290	J	8.6	-28	126	-2.6	4.1	-1.3	7	J
9	538	4.7	299	J	7.1	52	339	3.5	-2.4	4.4	4	J
10	558	4.7	124	J	10.4	66	23	3.9	-0.3	9.6	1	J
11	549	4.7	146	J	10.4	66	14	4.1	-0.9	9.4	2	J
12	528	5.2	133	J	10.2	54	355	5.9	-2.1	7.9	2	J
13	519	5.1	141	J	9.1	34	339	6.1	-3.2	3.8	5	J
14	498	4.0	118	J	9.5	-27	323	6.6	-3.8	-5.3	2	J
15	499	3.8	147	J	10.0	-32	304	4.6	-5.2	-6.9	2	J
16	499	3.7	174	J	10.5	-17	294	3.9	-7.4	-5.7	3	J
17	513	4.7	179	J	9.7	-6	281	1.6	-7.4	-3.9	5	J
18	496	4.6	130	J	9.0	-8	313	5.9	-5.2	-3.8	2	J
19	508	5.0	152	J	8.7	5	318	6.0	-5.1	-1.9	3	J
20	531	4.6	176	J	8.5	-12	301	4.1	-5.0	-4.9	2	J
21	542	5.0	163	J	8.2	-6	304	4.2	-4.8	-4.0	3	J
22	554	6.1	131	J	8.4	11	313	5.1	-5.3	-1.8	3	J
23	589	5.0	192	J	8.6	-3	294	2.1	-3.7	-2.8	7	J
24	599	6.5	139	J	8.2	36	343	6.2	-4.2	2.8	2	J
					APR. 4, 1976							95
1	625	4.7	184	J	8.1	14	305	4.0	-5.8	-1.6	4	J
2	640	5.2	237		7.9	-2	297	3.2	-5.2	-3.4	4	J
3	655	5.8	267	J	7.2	34	305	2.9	-5.4	1.0	4	J
4	666	5.6	237	J	6.5	47	14	2.4	-0.6	2.7	5	J
5	665	5.5	247	J	5.8	28	320	2.9	-3.0	0.9	4	J
6	671	4.9	209	J	6.3	-16	301	2.7	-3.7	-3.0	3	J
7	673	4.6	214	J	5.9	19	335	3.9	-2.2	0.9	4	J
8	695	4.1	226	J	5.4	-11	315	3.2	-2.9	-1.7	3	J
9	691	4.3	186	J	5.7	-8	324	4.1	-2.7	-1.4	2	J
10	698	4.4	224	J	5.8	33	357	3.0	-0.6	1.9	4	J
11	679	4.4	160	J	5.8	8	351	4.5	-0.8	0.5	3	J
12	669	4.2	208	L								
13	719	3.2	188	J	6.1	-13	282	0.9	-3.9	-1.9	4	J
14	707	3.3	177	J	5.8	-14	298	1.9	-3.2	-1.8	4	J
15	691	3.5	163	J	5.5	1	332	3.5	-1.8	-0.5	4	J
16	681	3.4	161	J	5.6	-3	331	3.6	-1.8	-0.9	4	J
17	675	3.5	158	J	5.7	15	343	3.9	-1.5	0.6	4	J
18	686	3.4	152	J	5.9	48	318	2.7	-3.9	2.6	2	J
19	675	3.4	152	J	5.6	45	326	3.0	-3.5	2.2	2	J
20	683	3.5	167	J	5.4	30	303	2.2	-4.0	0.3	3	J
21	676	3.8	172	J	5.4	37	344	3.0	-2.0	1.5	4	J
22	657	3.9	206	J	5.3	-3	326	3.7	-2.0	-1.6	3	J
23	633	3.5	111	J	5.5	11	332	4.5	-2.5	-0.5	2	J
24	653	4.6	173	J	5.0	1	293	1.6	-3.3	-2.1	3	J
					APR. 5, 1976							96
1	671	4.4	146	J	5.8	39	268	-0.1	-4.9	0.5	3	J
2	673	4.0	147	J	6.1	23	261	-0.8	-5.3	-0.7	3	J
3	673	3.9	162	J	6.1	7	263	-0.6	-4.9	-1.9	3	J
4	669	4.1	165	J	5.8	5	261	-0.8	-4.8	-1.8	2	J
5	656	4.4	184	J	5.7	14	273	0.2	-3.9	-0.6	4	J
6	653	3.6	164	J	5.7	-12	278	0.7	-4.3	-2.7	2	J
7	656	3.5	156	J	4.9	-27	273	0.2	-2.8	-2.7	3	J
8	644	4.4	187	J	4.7	20	297	1.3	-2.8	0.4	4	J
9	620	4.2	150	J	4.9	-19	292	1.4	-3.1	-2.1	3	J
10	611	4.1	153	J	4.5	-28	334	3.0	-1.1	-2.0	2	J
11	596	4.4	207	J	4.6	16	328	2.9	-1.9	0.6	3	J
12	575	4.3	145	J	5.7	-12	330	4.4	-2.3	-1.6	2	J
13	578	4.6	118	J	5.8	-9	332	4.1	-2.0	-1.2	3	J
14	596	5.6	186	J	6.5	0	290	2.2	-5.9	-1.5	1	J
15	585	5.8	289	J	5.1	28	347	4.3	-1.6	2.0	1	J
16	592	5.2	209	J	4.8	45	356	2.6	-1.0	2.4	3	J
17	587	5.0	153	J	5.5	9	301	2.3	-3.8	-0.8	3	J
18	565	4.5	97	J	6.1	-15	321	4.3	-2.5	-2.8	2	J
19	563	4.3	97	J	6.0	1	327	4.3	-2.5	-1.2	3	J
20	570	4.4	130	J	5.9	-1	308	3.1	-3.4	-2.1	3	J
21	569	4.4	150	J	5.7	19	324	3.7	-3.2	-0.1	3	J
22	590	4.7	225	J	4.8	-4	330	2.4	-1.1	-0.9	4	J
23	604	4.6	206	J	4.4	-5	326	1.8	-0.9	-0.8	4	J
24	630	4.9	186	J	4.9	-13	87	0.2	3.9	1.5	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 6, 1976							97
1	636	4.8	190	L								
2	603	4.1	124	J	5.4	-19	323	3.9	-1.7	-3.0	1	J
3	598	4.4	153	J	5.4	6	316	3.6	-3.3	-1.2	2	J
4	612	4.6	146	J	5.4	-3	326	4.0	-2.3	-1.4	3	J
5	625	5.1	170	J	5.5	6	334	3.4	-1.7	-0.3	4	J
6	647	5.5	218	J	5.1	-32	316	2.5	-1.5	-2.9	3	J
7	672	5.3	208	J	3.5	-4	334	2.0	-0.9	-0.4	3	J
8	679	5.1	187	J	4.3	-2	275	0.1	-1.5	-0.5	4	J
9	661	5.2	202	J	4.2	17	76	0.9	3.4	2.0	1	J
10												
11	639	5.4	198	J	5.2	17	347	4.8	-1.4	1.3	1	J
12	643	5.3	218	J	4.7	8	333	3.9	-2.3	0.2	1	J
13	619	4.1	140	J	5.2	-14	293	1.6	-3.5	-1.8	3	J
14	652	4.0	150	J	5.6	-32	253	-1.3	-3.4	-3.6	2	J
15	647	4.4	173	J	5.3	2	254	-1.4	-4.8	-1.2	1	J
16	633	4.3	163	J	5.4	8	266	-0.3	-4.5	-0.9	3	J
17	612	4.6	176	J	5.1	39	332	2.9	-2.4	1.9	3	J
18	620	4.3	191	J	5.0	29	308	1.8	-2.7	0.5	4	J
19	611	4.2	166	J	5.6	16	310	2.5	-3.1	-0.4	4	J
20	596	4.1	147	J	5.8	25	339	4.6	-2.7	1.1	2	J
21	595	3.8	105	J	5.9	19	343	5.1	-2.3	0.7	2	J
22	596	3.9	109	J	5.9	12	335	4.9	-2.5	-0.3	2	J
23	598	4.0	117	J	6.1	-15	321	4.4	-2.1	-3.3	2	J
24	616	4.5	162	J	5.3	6	316	3.0	-2.7	-1.2	3	J
					APR. 7, 1976							98
1	614	4.9	176	J	4.8	35	2	3.3	-1.1	2.0	3	J
2	605	4.6	145	J	5.6	17	325	4.3	-3.4	-0.2	1	J
3												
4	628	4.8	208	J	5.2	11	339	3.1	-1.4	0.1	4	J
5	615	4.8	183	J	5.7	30	18	4.4	0.3	3.0	2	J
6	607	5.5	179	J	6.2	-9	5	5.4	-.7	-3.6	3	J
7	594	4.3	156	J	6.0	-26	8	4.8	1.3	-2.1	2	J
8	629	4.7	237	J	5.3	-38	293	1.1	-2.0	-2.8	4	J
9	640	4.9	199	J	7.0	-42	285	1.3	-3.6	-5.4	2	J
10	641	4.2	275	J	7.6	23	291	2.4	-6.7	1.5	2	J
11	658	4.0	222	J	7.0	45	283	1.1	-5.5	3.8	2	J
12	657	3.5	205	J	6.4	5	291	2.1	-5.6	-3.6	2	J
13	674	3.6	237	J	5.2	-15	290	1.5	-3.8	-2.0	3	J
14	691	3.7	252	J								
15	736	3.1	285	J								
16												
17	653	4.1	170	J								
18	693	4.0	197	J								
19	684	4.1	161	J								
20	679	4.2	205	J								
21	637	5.3	327	J								
22	691	3.3	208	L								
23	681	3.3	181	L								
24	683	3.3	168	L								
					APR. 8, 1976							99
1	720	0.0	0	H								
2												
3	657	2.7	137	L								
4	646	3.4	157	L								
5	643	3.4	146	L								
6	623	3.1	148	L								
7	635	0.0	0	H								
8	646	0.0	0	H								
9												
10												
11	604	0.0	0	H								
12	584	3.2	66	L								
13	586	3.8	136	L								
14	568	3.1	106	L								
15	544	4.7	67	L								
16	552	0.0	0	H								
17												
18	517	3.4	84	L								
19	510	3.1	69	L								
20	500	3.3	83	L								
21	499	0.0	0	H								
22	501	5.2	93	L								
23	504	0.0	0	H								
24												
					APR. 9, 1976							100
1	495	3.4	84	L								
2	491	3.6	84	L								
3	494	4.3	81	L								
4	494	4.8	75	L								
5	501	5.6	102	L								
6	503	0.0	0	H								
7	491	4.9	85	L								
8	516	7.2	141	L								
9	533	4.9	142	L								
10	520	8.3	183	L								
11	521	6.0	141	L								
12	527	6.4	153	L								
13												
14												
15	510	7.2	127	L								
16												
17												
18												
19												
20												
21												
22												
23												
24												
					APR. 12, 1976							103
1												
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11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	647	4.0	206	J								
22	624	3.5	93	J	5.9	11	158	-5.3	1.2	2.1	1	J
23	624	3.5	103	J	6.6	11	157	-5.8	1.4	2.4	2	J
24					5.7	31	198	-4.3	-2.7	1.5	2	J
					APR. 13, 1976							104
1												
2												
3												
4												
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6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	655	4.3	173	J	4.3	6	119	-1.5	2.3	1.4	3	J
19	645	4.5	202	J	4.1	-14	125	-1.6	2.4	0.4	3	J
20	651	5.0	214	J	4.2	-26	147	-2.1	1.8	-0.4	3	J
21	646	5.1	210	J	4.0	-20	121	-1.5	2.7	0.4	3	J
22	635	4.5	212	J	4.6	-10	132	-2.6	2.8	1.0	2	J
23	655	4.6	184	J	5.2	-7	81	0.7	4.3	2.1	2	J
24	640	4.6	203	J	5.1	-25	103	-0.8	3.7	0.5	3	J
					APR. 14, 1976							105
1	644	3.9	205	J	6.1	-26	96	-0.5	5.6	0.5	2	J
2	648	3.3	178	J	6.3	-10	98	-0.8	5.3	1.9	3	J
3					5.4	-20	95	-0.2	2.9	0.4	5	J
4					4.6	-6	127	-2.1	2.7	0.8	3	J
5	636	3.5	145	L	3.7	-3	238	-1.5	-2.2	-1.1	2	J
6	635	3.4	173	J	3.8	-2	246	-1.3	-2.8	-1.1	2	J
7					4.2	-55	203	-0.7	0.0	-1.2	4	J
8	624	3.2	93	J	4.7	-10	219	-3.4	-2.5	-1.4	1	J
9	608	3.5	119	J	5.2	-15	198	-4.6	-1.2	-1.6	1	J
10	608	4.0	107	J	5.7	30	195	-4.6	-1.7	2.5	2	J
11	621	3.8	135	J	5.8	20	162	-3.6	0.9	1.5	4	J
12	672	3.5	164	J	4.4	-32	81	0.5	3.2	-1.3	3	J
13	667	3.2	148	J	4.2	-40	95	-0.2	3.2	-1.8	2	J
14	673	3.1	166	J	3.6	-36	83	0.3	2.7	-1.2	2	J
15	640	3.0	167	J	3.0	-5	153	-1.8	0.9	0.1	2	J
16	643	3.2	124	J	3.2	-41	133	-0.7	1.0	-0.6	3	J
17	623	3.3	99	J	3.6	-22	160	-3.0	1.5	-0.8	1	J
18	621	3.2	97	J	4.1	-15	148	-2.7	1.9	-0.1	2	J
19	621	3.5	100	J	4.3	-10	138	-2.3	2.1	0.4	3	J
20	633	3.5	123	J	4.4	-37	92	-0.1	3.7	-0.5	2	J
21	612	3.7	131	J	4.3	-38	128	-1.6	2.8	-0.7	3	J
22	593	3.9	149	J	4.6	-23	152	-3.0	2.1	-0.4	3	J
23	592	3.8	139	J	4.4	-5	147	-2.7	1.6	0.7	3	J
24	584	3.9	135	J	4.3	5	142	-2.6	1.6	1.3	3	J
					APR. 15, 1976							106
1	572	3.9	92	J	4.9	-13	141	-3.3	2.8	0.6	2	J
2	548	3.3	280	J	5.8	7	157	-4.9	1.5	1.6	2	J
3	542	3.4	137	J	5.9	3	150	-4.9	2.4	1.6	1	J
4	521	3.3	113	J	6.2	1	144	-4.9	3.2	1.6	1	J
5	524	3.1	106	J	6.3	6	149	-5.2	2.7	1.7	1	J
6	500	4.8	66	J	5.7	6	169	-5.0	0.7	0.8	3	J
7	502	4.7	60	J	5.8	9	173	-5.6	0.4	1.0	1	J
8	502	5.0	66	J	5.7	0	181	-5.3	-0.1	-0.0	2	J
9	500	4.5	83	J	5.3	15	177	-4.6	-0.0	1.3	2	J
10	494	4.7	81	J	5.4	11	163	-5.0	1.3	1.3	1	J
11	491	4.4	78	J	4.8	1	163	-4.4	1.3	0.3	1	J
12	487	5.0	83	J	5.2	-11	154	-4.4	2.3	-0.6	1	J
13	487	5.0	85	J	5.0	-9	159	-4.4	1.8	-0.4	2	J
14	485	5.0	78	J	4.2	-3	158	-3.6	1.5	0.1	2	J
15	476	6.0	94	J	4.9	-8	170	-4.3	0.9	-0.4	2	J
16	469	4.7	76	J	3.9	8	153	-3.2	1.4	1.0	1	J
17	461	5.1	50	J	3.9	14	163	-3.3	0.6	1.2	1	J
18	455	5.3	43	J	4.3	13	189	-4.1	-1.0	0.6	1	J
19	455	4.8	48	J	3.9	3	175	-3.6	0.2	0.3	1	J
20	452	4.7	54	J	3.4	8	170	-3.0	0.3	0.6	1	J
21	447	5.3	64	J	3.4	2	165	-3.0	0.6	0.5	1	J
22	448	4.5	63	J	2.7	-5	182	-2.4	0.0	-0.2	1	J
23	448	5.1	71	J	3.5	10	179	-3.4	-0.3	0.5	0	J
24	450	4.6	66	J	2.7	-17	185	-2.5	0.2	-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. 16, 1976							107
1	451	4.9	60	J	3.0	2	205	-2.4	-1.0	-0.5	1	J
2	450	6.4	57	J	2.7	-14	203	-2.3	-0.5	-1.0	1	J
3	445	7.1	55	J	2.7	-24	185	-2.4	0.3	-1.0	1	J
4	449	7.5	46	J	2.8	-10	184	-2.8	0.0	-0.5	0	J
5	425	11.6	37	J	2.3	15	197	-1.1	-0.4	0.2	2	J
6	414	12.0	28	J	2.2	10	337	2.0	-0.9	0.1	0	J
7	416	10.5	29	J	3.0	29	237	-0.6	-1.0	0.3	3	J
8	425	7.8	26	L	4.3	16	216	-3.2	-2.5	0.6	1	J
9	420	12.7	37	L	4.1	19	204	-3.3	-1.7	0.9	1	J
10	443	17.9	71	J	7.5	6	147	-6.2	3.8	1.5	1	J
11	451	13.4	69	L								
12	447	11.3	56	J	9.6	10	127	-5.1	6.4	2.6	4	J
13	444	11.8	62	J	9.1	0	118	-4.0	7.5	1.4	3	J
14	444	15.0	56	J	7.6	8	118	-3.3	5.9	2.3	3	J
15	426	13.6	62	J	8.1	8	142	-6.2	4.4	2.3	1	J
16	427	13.8	59	J	7.7	7	150	-6.4	3.3	2.0	2	J
17	425	13.0	54	J	7.4	3	161	-7.0	2.1	1.2	1	J
18	421	12.3	58	J	7.1	-2	176	-7.1	0.6	-0.0	1	J
19	415	10.2	29	J	5.8	-4	184	-5.8	-0.2	-0.5	1	J
20	412	10.4	25	J	5.6	1	188	-5.5	-0.7	-0.3	1	J
21	407	10.7	29	J	5.7	2	195	-5.5	-1.4	-0.6	1	J
22	402	11.9	36	J	4.8	-2	187	-4.6	-0.4	-0.4	1	J
23	404	12.7	39	J	4.0	-30	163	-3.2	1.9	-1.1	1	J
24	403	13.0	46	J	4.7	16	149	-3.7	1.2	2.2	2	J
					APR. 17, 1976							108
1	400	14.3	41	J	6.3	27	162	-4.6	0.0	2.9	3	J
2	409	11.4	39	J	6.1	-14	29	5.0	3.1	0.1	2	J
3	407	13.0	40	J	4.5	-6	52	2.3	2.8	1.0	3	J
4	409	12.8	44	J	5.5	-6	46	3.4	3.4	1.0	2	J
5	409	15.6	40	J	5.2	-14	35	3.7	2.8	-0.1	2	J
6	411	15.8	34	J	4.1	-23	357	3.0	0.3	-1.3	2	J
7	409	6.3	56	J	4.8	26	89	0.1	3.3	2.9	2	J
8	413	7.0	69	J	4.6	-1	69	1.5	3.7	0.8	2	J
9	404	6.0	49	J	4.7	-15	81	0.7	4.3	-0.3	2	J
10	400	8.1	48	J	3.1	0	54	1.7	2.3	0.4	1	J
11	397	7.9	45	J	3.7	5	67	1.4	3.1	0.8	1	J
12												
13	395	7.1	23	L								
14	398	7.3	22	J	3.1	10	39	2.4	1.8	0.9	0	J
15	400	9.1	21	J	3.2	27	44	2.0	1.5	1.8	1	J
16	401	10.2	24	J	2.3	48	36	0.8	0.2	1.2	2	J
17	392	7.9	33	J	2.6	7	11	2.1	0.3	0.4	2	J
18	396	7.8	33	J	1.7	-38	263	-0.1	-0.7	-1.3	1	J
19	392	6.5	36	J	1.5	-15	348	0.9	-0.1	-0.3	1	J
20	400	7.3	31	J	3.1	10	30	2.6	1.0	1.2	1	J
21	392	7.4	29	J	2.8	16	92	-0.1	1.7	1.8	1	J
22	383	7.5	31	J	3.9	34	118	-1.5	1.2	3.3	1	J
23	378	7.7	33	J	3.8	46	134	-1.8	0.1	3.2	1	J
24	378	8.6	27	J	2.8	34	104	-0.5	1.0	2.4	1	J
					APR. 18, 1976							109
1	373	8.8	22	J	2.4	34	111	-0.7	0.9	2.1	0	J
2	374	7.7	22	J	2.5	24	135	-1.4	0.8	1.5	1	J
3	368	7.4	19	J	2.7	30	121	-1.2	1.2	2.1	0	J
4	366	7.3	21	J	2.6	33	133	-1.4	0.8	1.9	1	J
5	369	8.4	19	J	2.6	30	120	-1.1	1.3	1.8	1	J
6	365	8.8	21	J	2.6	15	131	-1.6	1.5	1.2	1	J
7	363	8.4	24	J	2.9	38	170	-2.1	-0.1	1.7	1	J
8	362	8.2	23	J	2.4	10	133	-1.4	1.4	0.7	1	J
9	362	8.9	21	J	2.3	48	126	-0.9	0.9	1.8	1	J
10	362	8.6	23	J	2.2	21	34	0.9	0.5	0.5	2	J
11	360	9.3	24	J	2.1	22	79	0.3	1.3	0.8	2	J
12	357	9.0	24	J	2.1	-44	102	-0.2	1.1	-0.8	2	J
13	361	9.4	22	L	2.3	44	108	-0.3	0.7	1.0	2	J
14	364	11.3	18	J	1.9	7	59	1.0	1.5	0.6	0	J
15	366	12.0	17	J	1.7	13	81	0.2	1.4	0.7	0	J
16	354	11.6	18	J	1.9	15	85	0.1	1.4	0.9	1	J
17	355	11.1	19	J	2.3	9	84	0.2	2.0	1.1	0	J
18	351	11.1	20	J	2.4	18	81	0.3	1.6	1.4	1	J
19	342	9.6	28	J	2.7	26	134	-1.4	0.9	1.6	1	J
20	338	9.5	29	J	2.8	33	141	-1.8	0.6	2.0	0	J
21	336	9.4	20	J	3.0	35	137	-1.7	0.5	2.3	1	J
22	339	8.0	30	J	3.0	27	165	-2.2	-0.1	1.3	1	J
23	336	6.7	21	J	2.6	14	177	-2.4	-0.2	0.6	1	J
24	337	8.1	21	J	2.8	15	157	-2.4	0.5	1.1	1	J
					APR. 19, 1976							110
1	337	9.2	19	J	2.2	-4	134	-1.5	1.4	0.7	1	J
2	338	11.2	25	J	2.5	-1	144	-1.9	1.2	0.6	1	J
3	347	14.4	28	J	2.7	-5	114	-0.9	2.0	0.8	1	J
4	343	18.9	18	J	2.0	4	96	-0.2	1.7	0.9	1	J
5	337	22.0	13	J	2.1	-2	87	0.1	1.9	0.6	1	J
6	339	15.5	19	J	3.4	12	110	-1.0	2.5	1.5	1	J
7	337	16.3	13	J	3.7	13	98	-0.5	3.0	1.6	2	J
8	335	15.7	12	J	3.6	28	87	0.2	2.6	2.3	1	J
9	330	13.1	18	J	2.6	-18	216	-0.9	-0.6	-0.5	2	J
10	326	9.2	16	J	3.5	-52	224	-1.6	-1.3	-3.0	1	J
11	328	9.1	18	J	2.8	-50	177	-1.5	0.4	-1.8	2	J
12	327	10.2	24	J	1.9	-11	190	-1.7	-0.2	-0.4	1	J
13	334	10.4	19	J	2.0	-56	136	-0.8	1.0	-1.4	1	J
14	334	10.8	18	J	2.6	-67	74	0.2	1.2	-1.8	1	J
15	327	11.3	20	J	3.6	-41	238	-1.3	-1.5	-2.6	1	J
16	334	11.9	20	J	3.5	-50	270	-0.0	-1.2	-2.8	2	J
17	315	11.1	25	J	3.9	-40	201	-0.6	-0.0	-0.6	4	J
18	327	12.8	28	J	4.0	-7	201	-3.6	-1.1	-1.0	1	J
19	324	13.1	31	J	3.4	-4	164	-3.1	0.9	0.2	1	J
20	324	15.3	26	J	4.6	23	175	-4.0	-0.5	1.7	1	J
21	336	18.4	27	J	4.9	19	117	-1.9	2.5	3.1	2	J
22	337	17.8	28	J	5.3	33	111	-1.3	1.6	3.8	3	J
23	339	18.2	29	J	5.9	45	95	-0.4	1.3	5.5	2	J
24	337	17.7	27	J	6.1	44	98	-0.6	1.4	5.5	2	J
					APR. 20, 1976							111
1	333	16.0	23	J	6.6	58	98	-0.5	0.1	6.5	1	J
2	334	15.7	23	J	6.8	46	88	0.2	1.8	6.5	1	J
3	335	19.2	28	J	5.5	36	79	0.8	2.3	4.5	2	J
4	327	18.6	25	J	5.9	68	99	-0.3	-0.2	5.2	3	J
5	324	18.9	29	J	4.7	53	161	-1.8	-0.3	2.5	4	J
6	325	20.1	29	J	4.8	3	115	-1.4	2.8	1.1	4	J
7	336	17.4	23	J	5.9	49	6	3.9	-0.8	4.4	1	J
8	323	21.4	35	J								
9												
10												
11	336	0.0	0	H								
12	342	0.0	0	H								
13												
14												
15												
16												
17	324	9.3	32	L								
18	328	9.4	38	L								
19	329	8.3	37	L								
20	336	9.7	41	L								
21	333	10.9	47	L								
22	331	8.8	43	L								
23												
24	331	8.8	38	L								
					APR. 21, 1976							112
1	332	8.7	45	L								
2	337	9.2	41	L								
3	353	9.4	38	L								
4	335	8.4	63	L								
5	341	7.9	61	L								
6	338	8.2	64	L								
7	347	8.1	55	L								
8	337	7.3	65	L								
9	329	8.3	59	L								
10	329	17.3	20	L								
11	324	18.8	21	L								
12	318	16.9	24	L								
13	312	20.7	26	L								
14	311	16.8	26	L								
15												
16												
17												
18												
19	330	28.3	30	L								
20	327	28.8	30	L								
21	316	30.2	26	L								
22	330	25.5	26	L								
23	332	36.5	41	L								
24	325	27.7	48	L								
					APR. 22, 1976							113
1												
2	317	21.5	43	L								
3	339	30.4	37	L								
4	331	24.4	26	L								
5												
6												
7												
8												
9												
10	381	8.2	71	J								
11	376	7.5	51	J								
12	373	7.0	39	J								
13	381	6.9	43	J								
14	377	7.9	68	J								
15	333	8.7	81	J								
16	390	7.0	36	J								
17	388	6.9	29	J								
18	387	7.1	39	J								
19	396	5.2	55	J								
20	406	5.8	60	J								
21												
22												
23												
24	404	5.6	75	J								
					APR. 25, 1976							116
17					5.6	-75	159	-1.3	2.2	-4.9	1	J
18					5.8	-76	143	-1.0	2.6	-4.3	3	J
19					4.7	-27	48	2.3	3.0	-0.5	2	J
20					4.6	-54	99	-0.4	3.7	-1.9	2	J
21					5.0	-61	63	1.0	3.6	-2.5	2	J
22					4.9	-18	48	2.4	2.9	0.4	3	J
23					4.6	-15	45	2.9	3.0	0.5	2	J
24					3.9	-27	55	1.8	3.1	-0.1	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 26, 1976							117
1	401	5.3	46	J	3.9	-24	48	2.1	2.8	-0.1	2	J
2	392	6.9	82	J	4.6	-43	51	1.9	3.4	-1.4	2	J
3	402	5.4	62	J	4.5	-32	32	2.9	2.6	-1.2	2	J
4	390	7.6	69	J	4.0	-54	51	1.3	2.5	-1.9	2	J
5	388	6.7	66	J	4.5	-44	44	2.2	3.0	-2.1	2	J
6	384	7.2	59	J	4.7	-40	59	1.7	3.6	-1.9	2	J
7	385	7.7	50	J	4.8	-46	66	1.3	3.6	-2.5	1	J
8	384	8.3	35	J	4.8	-57	82	0.3	3.0	-3.2	2	J
9	385	9.6	32	J	4.4	-67	100	-0.3	2.2	-3.6	1	J
10	378	9.9	29	J	4.5	-56	78	0.5	2.7	-3.1	2	J
11	370	9.8	23	J	4.8	-59	69	0.8	2.6	-3.5	2	J
12	368	10.2	29	J	5.1	-49	50	2.0	2.8	-3.2	2	J
13	365	10.1	34	J	4.4	-18	53	2.4	3.1	-0.8	2	J
14	362	10.7	33	J	4.4	-28	54	2.1	3.1	-1.3	2	J
15	358	11.5	35	J	4.2	-23	53	2.0	2.9	-0.8	2	J
16	359	12.5	35	J	4.3	-15	99	-0.6	3.8	0.0	2	J
17	362	16.4	42	J	5.8	-28	87	0.3	5.4	-0.9	2	J
18	366	15.5	39	J	6.8	-21	54	3.5	5.3	-0.3	3	J
19	364	15.5	38	J	8.1	-10	26	6.1	5.2	0.2	4	J
20	369	11.0	35	J	8.4	5	22	7.6	2.4	2.0	2	J
21	361	9.9	49	J	8.3	-12	33	6.6	4.6	0.6	1	J
22	363	10.3	47	J	8.8	-19	25	7.5	4.4	-0.7	1	J
23	363	10.3	39	J	9.0	-23	35	6.6	5.8	-0.6	2	J
24	363	10.8	45	J	9.5	-32	69	2.8	8.7	-0.5	3	J
					APR. 27, 1976							118
1	367	13.8	50	J	7.4	-33	88	0.2	7.1	-0.5	2	J
2	366	13.3	64	J	7.0	-11	95	-0.6	6.3	1.8	2	J
3	368	18.0	54	J	6.7	-83	219	-0.4	1.5	-3.9	5	J
4	374	19.8	37	J	7.2	-73	259	-0.4	0.6	-6.8	3	J
5	370	11.7	35	J	8.1	-59	40	2.8	4.3	-5.0	4	J
6	369	14.7	41	J	6.7	-59	47	2.1	3.7	-4.4	3	J
7	361	21.0	34	J	5.1	-52	86	0.2	3.2	-2.6	3	J
8	359	23.4	31	J	5.4	-37	32	3.2	2.5	-2.4	3	J
9	356	18.7	37	J	7.1	-45	38	3.6	3.5	-4.0	3	J
10	369	20.7	33	J	5.4	-27	39	3.1	2.7	-1.3	3	J
11	378	23.0	36	J	4.3	11	30	3.4	1.8	1.6	1	J
12	380	22.8	35	J	4.1	22	54	2.1	2.7	1.8	1	J
13	384	20.9	33	J	4.0	-17	44	2.6	2.7	-0.7	1	J
14	381	21.5	29	J	4.3	-27	39	2.9	2.6	-1.5	1	J
15	374	21.6	29	J	4.2	-55	20	2.1	1.4	-3.0	2	J
16	372	22.3	27	J	4.1	-56	15	2.2	1.5	-3.1	1	J
17	369	22.3	29	L								
18	359	22.0	32	J	3.3	-10	102	-0.5	2.2	0.4	2	J
19	347	21.6	27	J	3.7	-41	69	0.9	3.1	-1.0	1	J
20	346	24.6	21	J	2.0	-3	242	-0.7	-1.1	-0.7	1	J
21	348	23.2	25	J	2.0	-48	94	-0.0	0.9	-3.3	2	J
22	350	22.0	24	J	2.7	-68	39	0.8	1.7	-1.8	1	J
23	354	16.7	35	J	7.6	-7	308	4.6	-4.7	-3.8	2	J
24	358	18.7	39	J	7.7	16	329	5.9	-4.1	-0.1	3	J
					APR. 28, 1976							119
1	362	17.3	48	J	7.7	44	338	4.9	-4.2	3.5	2	J
2	387	20.7	44	J	6.4	11	316	4.0	-3.9	-0.8	3	J
3	389	17.4	42	J	7.3	21	325	5.3	-4.5	0.7	2	J
4	395	11.4	47	J	8.0	30	341	6.5	-3.5	2.8	1	J
5	395	12.8	54	J	6.6	18	327	5.2	-3.8	0.6	1	J
6	393	16.1	49	J	5.2	-33	275	0.2	-1.5	-1.7	5	J
7	402	15.9	45	J	5.6	-26	201	-4.5	-1.1	-2.7	1	J
8	379	14.8	66	L								
9	377	13.5	74	J	6.6	33	326	4.4	-3.5	3.0	2	J
10	374	12.3	50	J	6.5	48	334	3.8	-2.4	4.4	2	J
11	384	12.4	72	J	6.6	31	343	5.1	-1.9	3.0	2	J
12	384	12.9	68	J	5.8	14	325	4.6	-3.4	1.0	1	J
13	390	13.8	60	J	4.3	-2	307	1.7	-2.2	-0.4	3	J
14	392	12.6	38	J	4.7	-22	175	-4.2	0.7	-1.6	1	J
15	389	13.2	34	J	4.3	-12	172	-4.1	0.7	-0.7	1	J
16	385	12.8	30	J	4.4	-2	182	-4.3	-0.1	-0.2	1	J
17	386	15.2	34	J	3.2	-7	205	-2.6	-1.0	-0.7	2	J
18	379	14.1	41	J	3.4	-59	266	-0.0	-0.2	-1.2	3	J
19	372	13.0	37	J	4.6	16	328	3.6	-2.5	0.2	1	J
20	376	11.9	39	J	4.8	17	336	3.2	-1.8	0.3	3	J
21	387	10.2	67	J	5.3	2	324	4.0	-2.6	-1.2	2	J
22	380	10.4	68	J	5.4	8	319	3.7	-3.2	-1.0	2	J
23	377	9.4	57	J	5.2	28	337	4.1	-2.7	1.2	1	J
24	395	7.7	52	J	5.6	29	340	4.4	-2.7	1.4	2	J
					APR. 29, 1976							120
1	393	7.7	50	J	5.2	18	324	4.0	-3.3	0.0	1	J
2	396	7.2	39	J	5.1	3	321	3.9	-2.9	-1.2	1	J
3	392	7.4	40	J	5.0	1	322	3.9	-2.8	-1.2	1	J
4	387	8.6	48	J	4.2	20	301	1.9	-3.4	0.1	2	J
5	393	7.5	48	J	5.1	10	353	4.9	-0.9	0.6	1	J
6	393	8.1	55	J	5.6	5	349	5.4	-1.1	0.2	1	J
7	385	9.3	68	J	5.6	2	336	5.0	-2.2	-0.3	1	J
8	396	11.8	63	J	7.1	23	349	6.2	-1.7	2.4	1	J
9	393	13.6	65	J	7.2	17	337	5.8	-2.7	1.5	3	J
10	402	10.4	68	L								
11	397	15.8	54	L								
12	398	15.8	43	J	6.8	-59	272	0.1	-2.6	-5.8	2	J
13	397	19.6	74	J	7.6	-14	305	4.0	-5.4	-2.5	3	J
14	402	22.5	55	J	8.7	-25	293	2.6	-5.5	-4.0	5	J
15	397	21.1	58	J	9.1	-15	308	4.3	-5.1	-3.0	6	J
16	423	15.9	74	J	8.4	-49	218	-4.2	-1.6	-6.8	2	J
17	418	18.5	86	J	7.7	-47	256	-1.2	-2.9	-6.5	3	J
18	416	13.7	62	J	9.7	19	337	6.8	-3.6	1.3	6	J
19	423	10.6	74	J	10.5	33	343	8.3	-4.6	4.1	2	J
20	441	13.2	101	J	9.8	-42	225	-4.4	-1.4	-7.0	5	J
21	429	8.1	169	J	7.1	-35	212	-3.1	-0.5	-3.1	6	J
22	443	5.2	169	J	7.1	-11	275	0.5	-4.1	-3.5	5	J
23	481	5.3	170	J	7.7	-9	309	4.1	-3.9	-3.4	4	J
24	492	6.3	144	J	8.3	9	332	7.1	-3.9	-0.8	1	J
					APR. 30, 1976							121
1	524	7.2	135	J	6.5	11	327	3.9	-2.6	-0.4	5	J
2	547	5.9	168	J	6.3	50	7	3.8	-1.6	4.2	2	J
3	561	5.2	156	J	5.3	52	342	2.6	-2.2	2.8	3	J
4	558	5.2	161	J	5.0	-25	263	-0.4	-2.6	-2.7	3	J
5	550	4.8	175	J	3.8	-8	353	2.0	-0.3	-0.4	3	J
6	549	4.2	135	J	4.2	27	18	3.5	0.6	2.1	1	J
7	559	4.1	123	J	3.4	-21	50	1.4	1.9	-0.5	2	J
8	551	3.6	113	J	2.7	-35	359	1.5	0.2	-1.0	2	J
9	530	2.7	126	J	2.9	-20	347	2.5	-0.4	-1.0	1	J
10	520	2.5	126	J	3.1	-13	349	2.8	-0.5	-0.7	1	J
11	503	2.9	58	J	2.7	-22	329	1.9	-1.0	-1.0	1	J
12	500	3.7	55	J	2.8	6	314	1.9	-2.0	0.1	0	J
13	489	2.8	67	J	2.4	-32	299	0.9	-1.5	-1.4	1	J
14	491	3.0	94	J	2.8	-13	326	2.1	-1.3	-0.8	1	J
15	497	3.5	94	J	2.9	-7	322	2.0	-1.5	-0.6	1	J
16	507	3.2	108	J	3.7	9	339	3.3	-1.4	0.2	2	J
17	517	3.5	134	J	4.8	12	333	4.0	-2.2	0.3	1	J
18	510	4.0	64	J	5.1	12	329	4.2	-2.7	0.1	1	J
19	504	4.3	72	J	5.3	12	340	4.9	-2.1	0.3	1	J
20	474	4.3	184	J	6.2	7	344	5.9	-1.9	-0.1	0	J
21	461	4.6	162	J	6.3	4	346	6.0	-1.5	-0.3	1	J
22	446	5.2	120	J	5.9	23	339	5.1	-2.8	1.0	1	J
23	432	5.3	142	J	5.2	21	337	4.4	-2.5	0.7	1	J
24	420	5.8	62	J	4.8	-5	316	2.9	-2.3	-1.7	3	J
					MAY 1, 1976							122
1	419	6.9	82	J	5.0	-3	319	3.3	-2.4	-1.6	2	J
2	433	7.3	89	J	4.9	27	334	3.6	-2.5	1.0	2	J
3	456	8.6	78	J	3.8	27	324	2.2	-2.1	0.6	2	J
4	439	8.0	69	J	5.6	17	318	4.0	-3.9	0.2	1	J
5	438	9.2	69	J	5.3	8	321	3.8	-3.2	-0.3	2	J
6	424	10.8	50	J	3.9	-1	344	3.5	-0.9	-0.3	2	J
7	445	6.8	64	J	5.3	-19	335	4.4	-1.6	-2.1	1	J
8	427	7.2	83	J	4.5	-17	0	4.1	0.2	-1.2	1	J
9	427	6.5	72	J	4.7	-2	12	4.4	0.9	-0.0	1	J
10	431	6.8	65	J	5.3	2	21	4.8	1.6	0.4	1	J
11	425	6.4	58	J	4.9	0	23	4.2	1.8	0.2	1	J
12	428	8.2	53	J	3.4	-17	59	1.6	2.7	-0.6	1	J
13	417	8.6	53	J	3.5	-10	28	2.0	1.4	-0.3	3	J
14	420	9.8	43	L	4.0	-9	234	-2.3	-3.0	-1.1	1	J
15	404	10.0	45	L	4.2	-47	241	-0.5	-0.7	-1.3	4	J
16	416	8.7	44	L	4.5	-29	199	-3.6	-0.7	-2.3	2	J
17	412	7.4	41	L	4.4	-38	236	-1.5	-1.4	-2.6	3	J
18	406	7.6	47	J	3.7	18	317	1.5	-1.5	0.1	3	J
19	410	7.6	41	J	5.1	-8	241	-0.8	-1.3	-0.8	5	J
20	423	8.4	70	J	5.9	19	310	2.2	-2.9	-0.1	5	J
21	438	10.5	81	J	5.6	-17	297	2.3	-3.2	-3.4	2	J
22	435	8.7	51	J	6.7	-18	165	-5.3	2.1	-0.9	4	J
23	424	12.4	62	J	5.1	-27	171	-4.0	1.6	-1.5	3	J
24	429	14.7	71	J	6.1	-34	257	-0.9	-2.1	-4.2	4	J
					MAY 2, 1976							123
1	430	11.6	67	J	6.9	10	324	5.2	-3.9	-0.8	2	J
2	424	14.7	68	J	6.7	-20	311	3.4	-2.7	-3.5	4	J
3	431	12.4	86	J	6.5	-41	312	2.8	-1.4	-4.5	7	J
4	452	9.5	141	J	7.3	26	354	6.3	-1.7	2.6	2	J
5	446	10.6	163	J	5.2	44	16	3.2	-0.1	3.3	3	J
6	467	7.4	145	J	7.5	21	357	6.7	-1.0	2.4	2	J
7	471	7.4	126	J	6.4	28	7	5.0	0.0	2.7	3	J
8	467	7.5	125	J								
9	500	6.9	124	J								
10	569	5.2	247	L								
11	568	7.8	299	L								
12	576	8.8	302	L								
13	565	9.1	282	L								
14												
15												
16	578	7.8	277	L								
17	591	7.1	246	L								
18	595	7.1	218	L								
19	619	10.4	265	L								
20	684	20.3	365	L								
21	682	17.6	542	L								
22	691	14.4	607	L								
23	741	15.3	553	L								
24	776	21.2	68	L								
					MAY 3, 1976							124
1	784	20.2	16	L								
2	734	31.2	7	L								
3	740	43.0	17	L								
4	727	46.3	21	L								
5												
6	713	30.7	20	L								
7	686	10.5	26	L								
8	679	17.7	19	L								
9	671	39.0	38	L								
10	674	40.7	48	L								
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	584	1.7	30	L								
23	572	1.9	53	L								
24	579	1.6	74	L								

05/04/76 - 05/13/76

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 4, 1976							125
1	568	2.1	81	L								
2	560	2.0	91	L								
3	570	1.9	67	L								
4	597	2.9	73	L								
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	SG	IMF SC
					MAY 7, 1976							128
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	412	11.3	45	J								
23												
24	392	12.7	52	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 8, 1976							129
1	391	12.6	56	J	4.9	-30	8	4.0	1.5	-1.9	1	J
2	378	11.5	44	J	5.4	1	338	4.7	-1.8	-0.7	1	J
3	376	13.9	46	J	6.4	7	326	4.6	-3.1	-0.5	3	J
4	381	26.5	31	J	6.6	-15	331	4.9	-2.1	-2.3	3	J
5	373	28.7	22	J	6.9	-29	33	2.3	1.9	-1.1	6	J
6	385	16.8	27	J	8.5	-23	98	-1.0	7.9	-1.4	3	J
7	392	18.1	25	J	7.6	-22	72	2.2	7.0	-1.6	1	J
8	381	25.8	20	J	6.0	-24	78	1.1	5.6	-1.6	1	J
9	375	29.7	23	J	5.6	-19	106	-1.2	4.2	-1.0	3	J
10	408	12.9	49	J	7.7	0	133	-4.8	5.2	0.4	2	J
11	417	10.6	41	J	8.6	-3	140	-6.3	5.3	-0.1	1	J
12	414	10.0	38	J	8.8	-8	135	-5.9	6.0	-0.7	2	J
13	386	21.2	37	J	7.3	17	107	-1.8	5.7	2.4	3	J
14	381	31.2	29	J	6.4	13	113	-2.1	4.8	1.8	3	J
15	390	23.0	46	J	8.0	6	121	-3.1	4.9	1.4	5	J
16	397	11.8	77	J	7.2	-1	122	-3.3	5.2	1.0	4	J
17	414	13.7	118	J	6.8	-10	128	-2.2	2.9	0.1	3	J
18	409	12.9	85	J	4.9	25	160	-3.7	0.7	2.2	2	J
19	405	10.6	83	J	5.1	-28	130	-2.6	3.7	-0.8	2	J
20	413	10.7	102	J	3.8	-20	145	-2.2	1.8	-0.3	2	J
21	421	9.5	118	J	3.5	4	136	-2.3	1.9	1.2	1	J
22	442	10.4	105	J	3.4	18	170	-2.8	0.0	1.1	2	J
23	445	10.6	94	J	4.4	33	157	-3.2	0.1	2.6	2	J
24	447	10.0	93	J	4.4	19	135	-2.5	1.7	2.3	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 9, 1976							130
1	451	10.7	77	J	4.5	-25	335	2.5	-0.5	-1.7	3	J
2	444	11.4	67	J	4.2	-31	40	2.1	2.3	-0.8	3	J
3	424	12.1	69	J	4.8	12	118	-2.1	3.3	2.3	1	J
4	433	10.0	50	J	4.5	-12	50	2.6	3.2	0.2	2	J
5	419	9.1	54	J	4.8	5	118	-1.9	3.3	1.3	3	J
6	406	8.8	50	J	4.5	4	173	-4.4	0.5	0.4	1	J
7	423	8.9	55	J	4.7	18	153	-3.5	1.5	1.6	2	J
8	417	8.8	69	J	3.9	23	153	-3.0	1.3	1.6	2	J
9	415	7.6	64	J	3.3	15	186	-2.8	-0.4	0.7	2	J
10	413	7.7	58	J	3.9	41	187	-2.8	-0.5	2.4	1	J
11	411	6.6	57	J	3.7	7	206	-3.1	-1.7	0.3	1	J
12	412	5.9	54	J	3.5	3	201	-3.1	-1.2	0.1	1	J
13	413	5.9	58	J	3.7	2	172	-2.6	0.4	0.1	3	J
14	409	5.0	48	J	3.5	6	167	-3.0	0.7	0.4	1	J
15	405	5.4	54	J	3.7	5	174	-3.5	0.3	0.4	1	J
16	415	6.5	59	J	4.3	18	160	-3.3	0.9	1.4	2	J
17	418	6.6	69	J	4.2	10	120	-1.9	3.0	1.5	2	J
18	418	6.2	65	J	4.5	6	120	-2.1	3.3	1.6	1	J
19	417	5.8	63	J	4.4	1	104	-0.9	3.2	1.4	3	J
20	420	6.1	72	J	3.7	-8	80	0.6	3.3	1.0	1	J
21	411	6.2	46	J	3.5	20	97	-0.4	2.3	2.4	1	J
22	414	6.7	40	J	3.7	9	92	-0.1	2.9	2.1	1	J
23	419	7.6	61	J	4.1	-14	76	0.8	3.4	0.8	2	J
24	407	7.7	37	J	3.6	-21	87	0.1	2.9	0.3	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 10, 1976							131
1	415	7.7	34	J	3.7	9	83	0.3	2.4	1.6	2	J
2	411	8.0	34	J	3.9	47	133	-1.4	3.5	2.6	2	J
3	408	7.6	36	J	3.7	1	100	-0.6	2.9	1.2	2	J
4	409	7.1	36	J	3.7	-27	90	0.0	3.4	-0.5	1	J
5	419	8.9	53	J	4.8	-1	95	-0.3	3.7	1.0	3	J
6	417	8.5	47	J	4.7	8	95	-0.4	4.0	1.5	2	J
7	420	8.9	50	J	5.1	6	90	0.0	4.2	1.2	2	J
8	423	9.6	47	J	5.3	16	76	1.2	4.5	2.0	1	J
9	423	11.7	63	J	5.6	-5	93	-0.3	5.2	0.0	2	J
10	417	11.6	55	J	4.9	-6	99	-0.5	3.2	-0.1	4	J
11	412	10.6	60	J	5.5	37	130	-2.5	2.8	3.1	3	J
12	414	9.0	53	J	6.3	32	142	-3.1	2.2	2.6	4	J
13	434	10.3	59	J	7.1	-6	52	3.7	4.7	-0.3	4	J
14	444	11.5	66	J	7.1	-5	56	3.3	5.0	0.0	4	J
15	457	13.7	67	J	6.6	-33	60	2.6	4.9	-2.6	3	J
16	447	14.8	82	J	6.1	-23	88	0.2	5.0	-1.0	3	J
17	420	14.2	84	J	7.3	19	165	-5.9	1.0	2.5	3	J
18	413	13.0	65	J	6.7	42	186	-4.7	-1.8	3.8	2	J
19	416	8.3	67	J	5.9	35	99	-0.2	0.7	1.0	6	J
20	431	4.8	98	J	5.5	6	104	-1.2	4.2	2.4	2	J
21	441	4.0	101	J	5.1	9	115	-2.0	3.6	2.6	1	J
22	429	4.3	95	J	4.7	7	82	0.6	3.6	2.4	2	J
23	437	5.4	70	J	4.7	12	94	-0.3	3.3	2.7	2	J
24	429	5.6	61	J	4.8	0	106	-1.3	3.9	2.0	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 11, 1976							132
1	438	5.5	88	J	4.0	-24	134	-2.4	2.9	-0.3	1	J
2	448	4.8	97	J	3.6	-20	179	-3.3	0.5	-1.1	1	J
3	423	5.8	87	J	3.2	-1	176	-3.1	0.2	0.0	1	J
4	415	6.7	48	J	2.9	6	178	-2.7	0.0	0.3	1	J
5	424	7.7	80	J	2.3	-27	161	-1.4	0.7	-0.6	2	J
6	436	7.2	56	J	3.4	-55	271	0.0	-1.2	-2.9	1	J
7	437	7.3	57	J	3.5	-24	250	-1.1	-2.6	-1.9	1	J
8	435	7.4	57	J	4.5	8	69	0.9	2.2	0.6	4	J
9	435	12.5	60	J	4.7	5	58	1.2	1.9	0.4	4	J
10	444	20.6	70	J	7.5	3	55	4.0	5.6	0.7	3	J
11	435	17.6	45	J	10.4	-10	51	6.2	7.7	-1.3	3	J
12	411	13.6	69	L	10.2	31	138	-6.4	5.5	5.5	0	J
13	415	12.8	49	J	9.9	34	155	-7.2	3.0	5.6	3	J
14	439	11.5	68	J	9.1	22	95	-0.5	5.1	2.7	7	J
15	448	10.4	85	J	8.4	15	86	0.5	7.4	3.2	2	J
16	445	10.3	129	L	6.9	-4	67	2.7	6.3	0.8	1	J
17												
18	461	15.1	45	J	9.6	-34	2	7.7	1.9	-4.9	2	J
19	467	13.6	34	J	10.3	-26	5	9.1	2.4	-3.9	2	J
20	467	16.4	56	J	7.9	-45	17	5.1	3.6	-4.2	3	J
21	478	14.4	53	J	7.7	-41	5	5.6	2.5	-4.2	2	J
22	489	13.1	40	J	7.2	-18	15	6.3	2.5	-1.1	2	J
23	514	8.5	106	J	6.3	-7	16	2.9	0.9	0.0	6	J
24	551	5.8	202	J	6.8	31	145	-3.9	1.2	3.8	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 12, 1976							133
1	542	6.1	251	J	6.4	43	152	-1.1	0.0	1.3	6	J
2	550	6.5	250	J	6.6	23	347	5.7	-2.2	1.8	2	J
3	513	4.2	193	J	7.1	4	11	6.9	1.1	0.9	1	J
4	511	5.0	191	J	7.0	-3	29	4.5	2.5	0.5	5	J
5	559	6.0	124	J	8.6	22	184	-7.7	-1.3	2.9	2	J
6	577	5.8	155	J	7.4	18	136	-4.0	3.4	2.6	5	J
7	600	5.8	233	J	6.5	6	159	-5.7	2.0	1.0	2	J
8	602	5.0	206	J	5.7	-2	129	-3.2	4.0	0.3	3	J
9	587	4.6	161	J	5.2	-10	108	-1.2	3.7	-0.4	3	J
10	580	4.7	151	J	4.8	8	100	-1.2	3.5	0.7	3	J
11	564	4.5	153	J	4.6	3	144	-3.4	2.5	0.3	2	J
12	564	4.5	162	J	4.8	-2	141	-3.6	3.0	-0.0	1	J
13	562	4.7	141	J	5.2	6	125	-2.9	4.0	0.8	1	J
14	555	5.6	164	J	5.5	-18	141	-3.8	3.2	-1.3	2	J
15	549	6.0	154	J	5.1	-4	122	-2.5	4.0	0.2	2	J
16	548	6.8	79	J	6.0	1	121	-3.0	4.9	1.1	1	J
17	534	8.0	67	J	5.1	-4	131	-3.0	3.4	0.6	2	J
18	536	7.2	78	J	6.0	7	162	-5.6	1.5	1.2	1	J
19	551	6.2	74	J	5.0	14	190	-4.0	-1.0	0.7	3	J
20	545	6.4	78	J	6.0	-3	191	-5.8	-0.9	-0.7	1	J
21	540	5.8	78	J	6.1	3	179	-5.9	-0.0	0.3	1	J
22	533	5.4	76	J	6.0	0	179	-5.8	0.1	0.0	1	J
23	534	5.8	70	J	6.5	-2	180	-6.4	0.1	-0.2	1	J
24	533	6.5	67	J	7.6	0	173	-7.3	0.8	0.4	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 13, 1976							134
1	537	5.9	66	J	7.4	3	173	-7.1	0.6	0.7	1	J
2	524	6.8	74	J	7.8	7	162	-7.4	1.8	1.8	1	J
3	524	7.4	71	J	8.1	11	153	-7.0	2.8	2.7	1	J
4	520	8.3	68	J	8.3	7	146	-6.7	4.0	2.3	1	J
5	509	8.9	70	J	8.3	20	139	-5.7	4.1	4.0	2	J
6	504	13.2	88	J	7.6	37	125	-3.3	3.7	5.1	3	J
7	487	12.8	84	J	9.9	43	127	-4.1	4.4	7.2	3	J
8	479	7.4	88	J	10.6	33	149	-6.4	3.3	5.3	6	J
9	487	6.5	125	J	8.7	4	172	-8.3	1.1	0.7	2	J
10	487	7.1	142	J	9.8	15	145	-7.6	5.2	2.8	2	J
11	479	5.6	111	J	9.7	20	150	-7.9	4.4	3.5	1	J
12	469	5.2	90	J	9.1	21	155	-7.6	3.4	3.4	1	J
13	475	5.3	118	J	7.7	0	128	-4.6	5.9	0.4	2	J
14	463	6.7	72	J	7.3	16	141	-5.2	4.0	2.3	2	J
15	470	6.0	106	J	7.4	-1	127	-4.0	5.2	0.6	4	J
16	449	4.9	64	J	7.4	27	165	-6.3	1.0	3.6	1	J
17	463	5.4	88	J	7.2	22	191	-6.3	-1.8	2.2	2	J
18	469	4.6	154	J	7.1	14	157	-6.0	1.9	2.3	2	J
19	466	5.6	104	J	5.6	17	109	-1.7	4.0	3.2	2	J
20	497	6.4	120	J	5.3	30	124	-1.6	1.6	2.5	4	J
21	514	6.0	99	J	4.3	19	92	-0.1	2.8	2.7	2	J
22	531	5.3	93	J	3.9	0	84	0.4	3.0	1.5	2	J
23	525	4.5	112	J	4.1	19	133	-1.8	1.3	1.7	3	J
24	526	4.2	166	J	4.2	20	159	-3.6	0.6	1.9	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 14, 1976							135
1	529	3.9	140	J	3.9	9	141	-2.9	1.9	1.5	0	J
2	521	3.8	107	J	3.3	19	143	-2.3	1.2	1.6	1	J
3	513	3.9	83	J	3.3	31	146	-2.1	0.8	1.9	2	J
4	499	3.6	79	J	4.1	36	176	-3.1	-0.5	2.3	1	J
5	495	3.8	88	J	3.9	38	155	-2.6	0.6	2.5	1	J
6	493	4.0	93	J	3.3	-2	161	-2.2	0.8	0.1	2	J
7	501	3.9	93	J	2.4	3	99	-0.2	1.4	0.3	2	J
8	470	3.7	87	J	3.1	47	142	-1.1	0.7	1.5	2	J
9	464	3.9	67	J	3.5	41	90	0.0	2.5	2.5	1	J
10	459	3.6	57	J	3.5	7	101	-0.6	3.2	0.6	1	J
11	464	3.8	79	J	3.2	-1	101	-0.6	2.9	0.1	1	J
12	467	3.8	81	J	3.4	10	107	-0.9	3.1	0.7	0	J
13	455	3.4	65	J	3.8	-12	159	-3.3	1.3	-0.7	1	J
14	459	3.6	57	J	3.4	-21	134	-1.9	2.0	-0.9	2	J
15	453	3.3	64	J	3.4	9	138	-2.1	1.8	0.7	2	J
16	452	3.3	69	J	3.4	0	133	-2.2	2.3	0.4	1	J
17	444	3.6	124	J	3.3	4	147	-2.6	1.6	0.6	1	J
18	436	3.5	110	J	3.7	1	153	-3.1	1.5	0.5	1	J
19	421	2.7	78	J	4.1	2	153	-3.6	1.7	0.8	1	J
20	411	2.7	52	J	4.2	1	145	-3.4	2.2	1.0	1	J
21	407	3.0	38	J	4.2	6	140	-3.1	2.2	1.5	1	J
22	406	3.3	32	J	4.1	-3	129	-2.5	2.9	1.2	1	J
23	393	3.4	47	J	4.3	-8	146	-3.4	2.3	0.5	1	J
24	388	4.0	59	J	4.3	-6	143	-3.4	2.5	0.7	1	J
					MAY 15, 1976							136
1	386	5.0	90	J	4.2	-7	158	-3.9	1.6	0.2	0	J
2	381	5.5	68	J	3.8	-14	146	-3.0	2.2	-0.1	1	J
3	381	5.6	45	J	3.7	-19	133	-2.1	2.5	-0.2	2	J
4	379	6.0	38	J	3.6	-6	138	-2.4	2.2	0.3	1	J
5	390	7.8	36	J	3.4	45	71	0.5	1.0	1.7	3	J
6	387	8.8	22	J	3.7	31	80	0.5	2.6	2.4	1	J
7	380	9.7	23	J	3.9	27	68	1.2	2.7	2.0	2	J
8	376	10.2	24	J	4.5	16	57	2.0	3.0	1.4	2	J
9	367	11.0	19	J	4.0	13	98	-0.5	3.3	1.0	2	J
10	358	10.1	23	J	4.7	21	155	-3.7	1.7	1.6	2	J
11	350	10.2	26	J	4.9	-7	182	-4.7	-0.1	-0.6	1	J
12	345	9.7	26	J	5.3	-32	207	-3.9	-1.9	-2.8	1	J
13	345	8.8	27	J	5.1	-20	203	-3.8	-1.5	-1.6	2	J
14	333	7.9	24	J	4.6	2	213	-3.2	-2.1	-0.0	2	J
15	335	8.9	28	J	5.0	-4	221	-3.2	-2.7	-0.6	2	J
16	329	11.3	43	J								
17	337	5.2	36	L								
18	334	4.7	37	L								
19	336	6.5	40	L								
20	338	9.9	26	L								
21	346	10.7	27	L								
22	365	8.9	26	L								
23	345	12.7	33	L								
					MAY 16, 1976							137
1	326	11.8	27	L								
2	325	10.9	27	L								
3	319	12.6	25	L								
4	322	12.5	25	L								
5	329	15.4	28	L								
6	316	12.6	28	L								
7	312	13.0	25	L								
8	317	13.2	30	L								
9	346	17.8	52	L								
10	325	17.5	41	L								
11	321	17.2	33	L								
12	326	19.3	29	L								
13	336	21.3	21	L								
14	331	24.1	25	L								
15	322	14.4	30	L								
16	326	15.6	36	L								
17	332	0.0	0	H								
18	325	13.7	42	L								
19	331	16.1	30	L								
20	333	12.5	26	L								
21	324	12.3	25	L								
22	320	13.1	24	L								
23	311	14.7	24	L								
24	310	16.0	25	L								
					MAY 17, 1976							138
1	304	17.1	22	L								
2	308	17.2	20	L								
3	305	15.6	14	L								
4	306	15.1	14	L								
					MAY 20, 1976							141
1												
2												
3												
4												
5	476	10.1	239	J								
6	483	9.3	199	J								
7	487	8.9	146	J								
8	506	8.5	145	J								
9	535	8.5	192	J								
10	544	8.6	195	J	6.1	-37	7	4.0	0.5	-3.0	4	J
11	530	7.8	231	J	6.2	27	359	5.1	-0.1	2.6	2	J
12	529	7.1	244	J	6.7	23	353	5.6	-0.7	2.4	3	J
13	540	5.4	180	J	6.0	10	342	4.9	-1.6	0.9	2	J
14	535	5.8	170	J	5.9	23	334	4.0	-2.0	1.8	3	J
15	544	5.8	136	J	5.4	-18	301	2.2	-3.4	-1.8	3	J
16	521	5.9	134	J	5.1	-25	324	3.0	-1.9	-2.0	3	J
17	535	6.0	132	J	5.2	-41	297	1.5	-2.3	-3.4	3	J
18	512	6.0	101	J	5.6	-25	315	3.2	-2.5	-2.9	2	J
19	503	7.5	128	J	6.0	-45	325	2.8	-0.8	-3.8	4	J
20	486	7.8	122	J	6.4	-38	344	4.8	0.1	-4.1	1	J
21												
22	470	11.0	129	J	6.1	45	31	3.6	0.3	4.8	1	J
23	464	9.3	111	J	5.5	-3	352	4.7	-0.5	-0.5	3	J
24	464	8.9	90	J	5.9	-7	11	5.4	1.2	-0.2	2	J
					MAY 21, 1976							142
1	462	8.0	88	J	5.4	-3	345	4.9	-1.1	-0.7	1	J
2	474	8.1	96	J	5.6	-35	217	-1.9	-0.8	-2.1	5	J
3	456	8.1	91	J	5.2	1	303	2.1	-3.1	-0.9	3	J
4	447	8.2	95	J	4.9	-18	308	2.3	-2.6	-2.0	3	J
5	448	7.1	92	J	4.1	-64	256	-0.3	-0.6	-2.6	3	J
6	441	6.7	77	J	3.8	-31	296	1.2	-2.2	-2.1	2	J
7	439	7.0	87	J	3.6	-41	328	2.0	-1.0	-2.2	2	J
8	435	7.5	91	J	4.0	-29	320	2.3	-1.6	-1.8	2	J
9	422	7.8	86	J	3.9	-31	347	3.1	-0.7	-1.9	1	J
10	418	8.6	63	J	4.8	-16	330	3.8	-2.2	-1.3	1	J
11	416	9.5	56	J	5.4	-13	328	4.0	-2.5	-1.1	2	J
12	424	11.6	59	J	5.8	-6	286	1.4	-4.9	-0.5	3	J
13	417	12.4	55	J	5.6	-21	304	2.2	-3.3	-1.6	4	J
14	426	15.2	57	J	6.7	23	272	0.2	-5.6	2.1	3	J
15	424	15.8	45	J	7.0	-29	276	0.6	-5.5	-3.7	2	J
16	410	16.7	42	J	7.2	0	298	3.1	-5.9	-0.8	3	J
17	402	19.4	47	J	7.6	14	310	4.4	-5.4	0.6	3	J
18	402	22.2	43	J	6.9	32	312	3.5	-4.6	2.2	3	J
19	410	36.7	32	J	2.5	-47	52	0.5	0.8	-0.6	3	J
20												
21												
22	403	20.6	51	J	9.7	0	128	-5.2	6.1	2.6	5	J
23	414	17.3	95	J	9.0	-17	140	-5.9	5.5	-0.2	4	J
24	412	14.0	90	J	8.0	-2	154	-6.9	3.2	1.1	2	J
					MAY 22, 1976							143
1	425	16.9	160	J	7.8	-12	138	-5.4	5.1	0.4	2	J
2	417	15.4	104	J	9.0	-10	133	-6.0	6.6	0.7	2	J
3	415	22.2	72	J	8.6	0	134	-5.6	5.5	1.7	3	J
4	424	23.3	80	J	10.3	20	138	-7.0	5.2	4.9	3	J
5	422	20.9	127	J	11.3	34	145	-7.3	3.8	6.9	4	J
6	422	21.3	103	J	12.0	-5	119	-5.2	9.4	0.5	5	J
7	428	20.6	141	J	11.8	44	161	-8.0	1.9	8.4	1	J
8	418	19.2	128	J	10.9	47	208	-5.7	-3.4	6.7	5	J
9	455	11.7	140	J	11.5	39	186	-8.5	-1.1	6.9	3	J
10	482	10.7	206	J	8.9	14	142	-6.0	4.7	1.9	4	J
11	492	10.2	193	J	6.4	-3	165	-5.9	1.6	-0.3	2	J
12	511	7.7	193	J	5.2	-16	150	-3.9	2.2	-1.3	2	J
13	483	7.3	169	J	4.5	-37	143	-1.8	1.4	-1.7	3	J
14	470	5.6	114	J	5.6	-16	121	-2.7	4.5	-1.3	2	J
15	465	6.1	116	J	5.4	-34	120	-1.6	2.9	-1.9	4	J
16	475	6.7	63	J	5.0	-15	345	4.4	-1.0	-1.4	2	J
17	471	6.5	57	J	5.3	-18	336	4.4	-1.6	-1.9	1	J
18	470	7.3	71	J	5.1	-21	336	4.0	-1.3	-2.1	2	J
19	431	7.4	75	J	5.4	-37	166	-2.6	1.2	-1.7	4	J
20	470	7.3	100	J	5.4	-41	96	-0.3	3.3	-1.2	4	J
21	489	6.5	93	J	5.3	-47	80	0.6	4.6	-2.2	2	J
22	514	6.7	117	J	4.0	-38	20	2.3	1.5	-1.4	3	J
23	505	6.7	98	J	4.1	18	141	-2.1	1.2	1.5	3	J
24	498	6.7	100	J	4.1	49	194	-2.4	-1.7	2.4	2	J
					MAY 23, 1976							144
1	499	6.7	104	J	4.7	13	140	-2.6	1.7	1.5	3	J
2												
3												
4	467	8.4	101	J	5.9	14	152	-4.8	2.1	1.9	2	J
5	469	8.3	90	J	6.2	30	140	-3.5	2.4	3.2	3	J
6	466	8.1	84	J	6.6	16	130	-3.9	4.3	2.4	2	J
7	472	8.9	92	J	6.8	-16	128	-3.6	4.8	-1.2	3	J
8	477	9.4	94	J	6.7	-61	171	-3.0	0.8	-5.4	2	J
9	474	9.8	102	J	6.5	-64	223	-2.0	-1.7	-5.5	2	J
10	453	8.8	53	J	8.2	4	124	-4.6	6.8	0.5	1	J
11	448	8.4	55	J	8.2	-11	140	-5.9	5.0	-1.6	2	J
12	453	9.2	52	J	7.4	-38	163	-5.4	1.6	-4.4	2	J
13	453	7.9	54	J	8.0	-57	241	-2.0	-3.6	-6.3	3	J
14	458	10.8	52	J	7.7	-21	286	1.9	-6.5	-2.8	2	J
15	446	15.0	77	J	3.6	-19	303	1.4	-2.1	-1.0	3	J
16	434	11.5	79	J	5.4	-30	157	-3.2	1.6	-1.8	4	J
17	448	14.8	71	J	4.8	-25	266	-0.3	-3.6	-2.6	2	J
18	429	10.8	81	J	5.2	51	168	-2.8	-0.3	3.5	3	J
19	439	9.4	66	J	5.4	45	252	-1.0	-3.9	2.2	3	J
20	410	7.7	51	J	5.6	21	164	-4.8	0.6	2.3	2	J
21	417	7.8	57	J	4.7	24	154	-2.2	0.6	1.4	4	J
22	416	7.3	57	J	5.9	46	176	-3.7	-1.2	3.6	2	J
23	422	7.7	63	J	5.5	40	212	-3.2	-3.1	2.2	2	J
24	422	7.8	64	J	5.6	42	214	-3.3	-3.5	2.5	2	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
					MAY 24, 1976							145
1	416	5.9	69	L								
2	414	7.0	76	L								
3	419	8.8	72	L								
4	398	8.4	72	J	5.6	-6	168	-5.3	1.2	-0.3	1	J
5	403	9.1	60	J	5.5	2	203	-5.0	-2.1	-0.2	1	J
6	435	9.7	52	J	6.0	6	91	-0.1	5.1	1.3	3	J
7	427	10.3	50	J	5.6	-14	135	-1.2	4.7	-0.8	3	J
8	431	16.3	50	J	2.5	52	263	-0.2	-1.4	1.7	1	J
9	428	15.9	46	J	2.9	31	210	-1.7	-1.0	1.2	2	J
10	428	16.2	43	J	3.8	59	168	-1.1	0.2	1.8	3	J
11	419	12.5	45	J	4.3	3	123	-1.9	2.9	0.1	3	J
12	411	9.8	50	J	4.5	4	133	-2.7	2.9	0.2	2	J
13	435	9.6	62	J	4.1	14	128	-2.2	2.8	0.9	2	J
14	407	9.5	58	J	4.1	10	124	-1.5	2.2	0.5	3	J
15	394	9.9	83	J	4.0	?	156	-3.4	1.5	0.5	1	J
16	398	9.9	61	J	3.8	7	121	-1.8	2.9	0.8	2	J
17	397	11.5	56	J	3.6	6	122	-1.6	2.4	0.8	2	J
18	388	11.8	66	J	3.8	-1	155	-3.2	1.5	0.3	1	J
19	435	12.8	49	J	3.4	30	43	2.0	1.3	2.0	1	J
20	403	12.2	44	J	4.0	19	88	0.1	2.7	2.1	2	J
21	436	15.1	41	J	4.1	3	94	-0.3	3.4	1.5	2	J
22	413	24.7	30	J	2.5	12	335	0.5	-0.7	-0.1	2	J
23	411	19.5	43	J	4.5	-21	92	-0.1	3.9	0.1	2	J
24	408	20.6	40	J	4.9	-14	112	-1.5	3.8	0.5	3	J
					MAY 25, 1976							146
1	412	25.7	39	J	3.2	53	306	0.4	-0.8	0.6	3	J
2	413	22.4	35	J	2.9	82	318	0.3	-1.0	2.3	2	J
3	413	15.7	36	J	5.4	77	117	-0.6	-0.5	5.4	1	J
4	425	23.3	37	J	2.0	34	304	0.6	-1.1	0.5	2	J
5	422	16.2	52	J	4.3	3	307	2.5	-3.3	-0.4	2	J
6	420	8.6	83	J	6.9	28	313	3.6	-4.2	2.3	3	J
7	428	8.8	113	J	5.4	-34	314	2.8	-2.6	-2.9	3	J
8	428	9.2	124	J	5.3	-10	23	4.1	1.8	-0.7	3	J
9	455	17.7	52	J	4.6	-58	360	1.9	0.0	-3.0	3	J
10	456	18.0	52	J	3.3	-13	318	2.2	-2.0	-0.6	2	J
11	432	10.5	78	J	4.9	24	345	3.7	-0.9	1.7	3	J
12	440	9.7	72	J	5.4	-8	307	3.2	-4.2	-0.6	1	J
13	433	8.7	80	J	6.0	-6	307	3.6	-4.8	-0.6	1	J
14	429	10.6	66	L	6.0	-13	316	3.9	-3.7	-1.3	2	J
15	424	9.6	59	J	5.7	-25	340	3.8	-1.3	-2.0	3	J
16	442	12.1	64	J	4.9	-21	46	2.7	2.9	-1.1	3	J
17	445	17.8	45	J	2.8	4	64	0.8	1.7	0.4	3	J
18	442	18.1	44	J	4.2	1	74	1.1	3.6	0.9	2	J
19	432	15.4	56	J	4.2	-22	335	2.5	-0.8	-1.4	3	J
20	421	11.0	53	J	5.6	37	341	4.0	-2.4	2.6	2	J
21	427	8.1	79	J	5.5	43	327	3.3	-3.2	2.3	2	J
22	424	6.9	80	J	5.4	32	320	3.4	-3.7	1.5	1	J
23	440	4.8	57	L								
24	438	5.6	63	J	4.6	44	303	1.7	-3.6	1.8	1	J
					MAY 26, 1976							147
1	431	5.7	67	J	4.2	11	313	2.3	-2.6	-0.3	2	J
2	432	6.2	66	J	4.1	-14	330	1.5	-2.2	-1.5	3	J
3	435	6.3	90	J	4.2	41	1	2.2	-0.5	1.8	3	J
4	447	6.0	74	J								
5	446	5.8	71	J	4.6	-10	349	4.3	-0.7	-0.9	1	J
6	440	6.3	84	J	5.2	38	307	2.4	-3.6	2.7	1	J
7	426	6.0	83	J	4.9	26	310	2.5	-3.2	1.7	2	J
8	421	5.6	81	J	5.0	23	342	4.3	-1.5	1.9	1	J
9	423	6.0	109	J	5.3	29	343	4.3	-1.3	2.5	1	J
10	416	5.9	51	J	5.1	9	336	4.1	-1.8	0.8	2	J
11	407	5.5	41	J	4.8	12	349	4.2	-0.8	0.9	2	J
12	439	6.9	62	J	4.2	5	274	0.2	-3.5	0.4	2	J
13	433	5.8	66	L	4.4	21	300	1.7	-3.0	1.4	2	J
14	426	6.1	64	J	3.9	18	6	2.9	0.3	1.0	2	J
15	420	7.0	179	J	3.3	-37	307	1.0	-1.3	-1.3	3	J
16	436	5.3	40	J	4.0	28	8	3.0	0.2	1.6	2	J
17	446	5.8	71	J	3.6	-44	141	-0.3	0.3	-0.4	3	J
18	458	6.9	71	J	3.9	-15	177	-3.7	0.4	-0.9	1	J
19	444	6.1	59	J	3.5	-2	206	-2.9	-1.3	-0.5	1	J
20	435	6.3	66	J	2.5	-33	193	-1.5	-3.0	-1.0	2	J
21	431	6.4	79	J	2.7	-22	224	-1.3	-0.9	-1.2	2	J
22	419	6.2	52	J	2.9	-17	346	1.8	-0.2	-0.7	2	J
23	412	5.1	50	J	3.6	12	35	2.6	1.4	1.3	2	J
24	403	4.8	46	J	3.8	15	17	3.3	0.6	1.2	1	J
					MAY 27, 1976							148
1	406	5.0	45	J	3.7	30	5	2.9	-0.3	1.7	1	J
2	404	5.0	47	J	3.5	25	345	3.0	-1.2	1.1	1	J
3	408	5.1	47	J	3.5	24	357	3.1	-0.5	1.3	1	J
4	406	5.4	45	J	3.4	0	350	3.3	-0.6	-0.1	0	J
5	404	5.5	50	J	3.6	8	351	3.2	-0.6	0.4	1	J
6	403	5.6	51	J	3.7	18	351	3.3	-0.7	1.0	1	J
7	404	5.6	51	J	4.0	4	351	3.8	-0.6	0.2	1	J
8	404	5.7	44	J	4.2	16	341	3.8	-1.4	1.1	1	J
9	404	6.2	57	J	3.9	15	326	2.2	-1.5	0.7	3	J
10	438	6.7	49	J	3.5	-53	238	-0.9	-1.6	-2.3	2	J
11	423	7.2	61	J	3.2	-48	180	-2.0	-0.1	-2.2	1	J
12	433	7.4	53	J	3.5	-33	172	-2.7	0.3	-1.8	2	J
13	426	7.4	53	J	3.5	-25	172	-3.1	0.4	-1.5	1	J
14	437	6.1	73	J	3.4	-11	334	1.7	-0.8	-0.4	3	J
15	414	5.2	47	J	4.3	3	335	3.9	-1.8	0.1	1	J
16	410	5.4	30	J	4.2	4	342	3.9	-1.3	0.2	1	J
17	412	5.2	32	J	4.3	2	339	3.9	-1.5	-0.1	1	J
18					3.9	1	342	3.5	-1.3	-0.2	1	J
19	412	5.1	38	J	4.0	21	327	3.1	-2.3	0.6	1	J
20	413	5.3	39	J	4.3	14	322	3.2	-2.7	0.2	1	J
21	406	5.5	40	J	5.0	4	326	4.0	-2.7	-0.6	1	J
22	387	6.4	50	J	5.2	12	326	4.1	-3.0	-0.0	1	J
23	377	7.6	39	J	5.4	-3	320	4.1	-3.1	-1.5	1	J
24	383	8.3	50	J	5.7	-4	315	3.9	-3.5	-1.8	1	J
					MAY 28, 1976							149
1	380	13.5	33	J	5.5	-4	339	3.4	-3.8	-1.8	1	J
2	377	17.4	21	J	5.8	-10	309	3.5	-3.9	-2.3	1	J
3	384	20.0	33	J	6.3	-43	306	2.4	-2.1	-4.5	3	J
4	363	16.2	62	L								
5	313	11.1	103	L								
6	417	13.2	97	L								
7	440	8.2	148	L								
8	443	10.1	160	L								
9	429	0.0	0	H								
10	413	10.9	132	L								
11	422	9.7	134	L								
12	423	8.9	117	L								
13												
14												
15												
16												
17	492	7.8	102	L								
18	461	7.8	107	L								
19	447	8.0	110	L								
20	468	7.4	98	L								
21	475	7.2	104	L								
22	458	6.1	127	L								
23	453	6.2	122	L								
24	455	6.9	105	L								
					MAY 29, 1976							150
1	451	7.0	100	L								
2	440	7.1	96	L								
3	445	7.4	95	L								
4	434	6.8	92	L								
5	421	6.5	99	L								
6	420	5.5	102	L								
7	408	0.0	0	H								
8	440	7.0	104	L								
9	429	7.5	105	L								
10	437	7.6	107	L								
11	445	7.7	97	L								
12	443	7.2	88	L								
13	431	7.4	99	L								
14	422	7.7	89	L								
15	414	8.5	85	L								
16	421	9.3	85	L								
					JUN. 1, 1976							153
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	425	9.7	82	J								
21	432	10.0	83	J								
22	438	10.1	81	J								
23	437	10.9	81	L								
24	435	10.8	79	L								
					JUN. 2, 1976							154
1	430	10.0	80	L	5.9	28	315	3.4	-4.1	1.4	2	J
2	440	11.0	91	L	5.5	33	349	4.4	-1.6	2.5	2	J
3	433	10.5	90	L	5.0	26	326	3.3	-2.6	1.4	2	J
4	437	11.2	88	L	4.5	-14	297	1.5	-2.7	-1.3	3	J
5	423	12.1	84	L	4.2	-9	294	1.1	-2.4	-0.7	3	J
6	422	11.8	71	L	4.6	-29	175	-3.9	0.5	-2.1	1	J
7	417	10.4	55	J	4.9	-33	211	-1.5	-0.9	-1.2	4	J
8	409	9.4	56	J	4.0	16	327	3.0	-1.9	1.0	1	J
9	400	9.1	52	J	4.8	-15	332	3.6	-2.0	-1.0	2	J
10	407	9.3	51	J	4.9	-22	346	4.1	-1.2	-1.6	2	J
11	403	8.6	51	J	4.7	17	345	4.0	-1.0	1.3	2	J
12	402	8.4	50	J	5.1	17	351	4.5	-0.6	1.5	2	J
13	393	8.1	60	J	5.7	14	357	5.5	-0.2	1.4	1	J
14	388	6.5	72	J	5.0	4	357	4.9	-0.2	0.4	1	J
15	382	7.9	62	J	5.1	16	340	4.4	-1.6	1.3	1	J
16	386	7.6	66	J	3.3	15	325	2.2	-1.6	0.6	2	J
17	397	8.0	45	J	4.1	-40	261	-0.4	-2.4	-2.5	2	J
18	391	8.0	50	J	3.4	-75	357	0.7	0.4	-2.6	2	J
19	377	6.8	55	J	4.2	-5	307	2.2	-2.8	-1.0	2	J
20	380	8.7	51	J	4.3	-23	302	1.9	-2.5	-2.3	2	J
21	386	10.1	51	J	5.5	-6	293	2.0	-4.3	-2.0	2	J
22	380	8.9	47	J	5.8	32	296	2.0	-4.8	1.3	2	J
23	379	7.9	37	J	4.6	44	293	1.2	-3.6	1.8	2	J
24	370	8.6	35	J	4.7	8	310	2.9	-3.4	-0.5	1	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	371	9.1	35	J	4.6	-2	315	3.0	-2.6	-1.0	2	J
2	368	9.3	37	J	4.3	-8	326	3.2	-1.9	-1.1	2	J
3	370	10.8	29	J	4.4	3	294	1.5	-3.4	-0.6	2	J
4	378	12.5	27	J	4.3	-21	261	-0.6	-3.5	-2.2	1	J
5	373	11.2	25	J	4.2	-25	261	-0.4	-2.2	-1.4	3	J
6	386	8.0	37	J	4.2	-18	190	-3.7	-0.6	-1.3	1	J
7	379	6.8	37	J	2.9	-7	228	-1.8	-2.0	-0.4	1	J
8	360	10.6	26	J	2.4	16	242	-0.7	-1.3	0.5	2	J
9	361	12.6	18	J	3.0	33	289	0.8	-2.3	1.6	1	J
10	359	11.8	22	J	3.4	-20	279	0.4	-2.9	-0.8	2	J
11	352	11.6	25	J	3.0	-43	337	1.1	-1.6	-1.6	2	J
12	352	13.7	28	J	3.3	-3	318	2.2	-1.9	0.0	2	J
13	353	15.1	25	J	2.5	25	343	2.1	-0.6	1.1	1	J
14	352	13.8	30	J	2.6	3	342	2.2	-0.7	0.2	1	J
15	354	17.2	29	J	3.3	11	326	2.5	-1.7	0.6	1	J
16	377	32.6	33	J	4.7	5	301	2.1	-3.5	0.2	2	J
17	388	40.7	36	J	5.6	-21	276	0.5	-4.4	-2.3	3	J
18	386	42.3	40	J	7.4	-14	302	3.1	-4.6	-2.3	5	J
19	430	34.5	55	J	11.6	53	299	1.2	-4.3	3.4	11	J
20	410	24.7	69	J	11.9	-67	77	0.6	4.4	-5.5	10	J
21	489	9.0	170	J	12.0	-60	73	1.7	8.1	-7.7	4	J
22	520	9.4	221	J	10.8	5	143	-7.9	5.3	2.7	4	J
23												
24												

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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												
3												
4												
5												
6	556	8.8	192	J	6.9	-13	145	-5.2	3.7	-1.2	2	J
7	567	7.6	192	J	6.8	0	136	-4.4	4.2	0.1	3	J
8	580	7.7	234	J	6.5	20	163	-5.5	1.7	2.0	2	J
9	606	4.9	146	J	4.4	16	164	-3.8	1.2	1.1	2	J
10	603	4.3	151	J	4.1	-16	158	-3.5	1.3	-1.2	1	J
11	603	3.6	113	J	3.9	-7	159	-3.5	1.3	-0.6	1	J
12	597	3.7	137	J	4.2	-23	161	-3.5	1.0	-1.7	1	J
13	593	3.7	134	J	3.9	-43	154	-2.5	1.0	-2.7	1	J
14	572	3.3	117	J	3.9	-34	148	-2.7	1.6	-2.2	1	J
15	560	3.1	82	J	4.1	-12	137	-2.9	2.7	-0.9	1	J
16	570	4.7	125	J	2.5	5	124	-0.8	1.2	0.2	2	J
17	567	5.6	93	J	2.9	19	108	-0.7	2.0	1.0	2	J
18	550	5.3	56	J	4.5	19	99	-0.7	3.9	2.1	1	J
19	551	6.9	62	J	4.3	5	93	-0.2	3.8	1.2	2	J
20	548	7.3	80	J	5.4	-10	55	2.5	3.6	0.2	3	J
21	567	7.5	109	J	6.2	46	137	-0.9	0.4	1.4	6	J
22	566	6.2	162	J	7.7	44	193	-5.0	-2.7	4.3	3	J
23	560	6.3	150	J	7.9	24	183	-5.9	-1.1	2.4	5	J
24	567	5.8	185	J	7.0	7	150	-3.8	1.9	1.2	6	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	572	5.8	244	J	4.8	-10	137	-3.2	3.1	0.1	2	J
2	561	5.9	218	J	5.5	19	199	-4.2	-1.8	1.1	3	J
3	561	6.6	215	J	5.6	-16	173	-4.4	0.8	-1.1	3	J
4	573	7.2	237	J	5.4	-24	64	1.8	3.9	-1.2	3	J
5	557	6.8	237	J	7.0	-42	73	1.3	4.5	-3.4	4	J
6	557	8.9	220	J	6.6	7	87	0.1	2.3	0.4	6	J
7	609	6.7	266	J	7.5	18	162	-4.3	1.4	1.5	6	J
8	633	6.6	212	J	7.0	23	146	-3.4	2.4	1.7	5	J
9	634	8.2	253	J	7.9	27	224	-4.7	-4.3	3.7	2	J
10	620	8.7	219	J	8.0	23	206	-6.3	-2.8	3.2	3	J
11	619	7.9	230	J	7.1	-3	222	-3.9	-3.5	0.1	5	J
12	625	8.8	249	J	7.1	-32	174	-3.6	0.1	-2.3	6	J
13	634	7.9	246	J	7.2	25	122	-2.8	4.7	2.0	4	J
14	614	7.4	225	J	6.8	13	157	-4.9	2.2	1.1	4	J
15	623	7.3	223	J	6.5	15	115	-1.7	3.7	1.0	5	J
16	626	7.5	203	J	5.2	-6	179	-3.8	0.1	-0.4	4	J
17	621	7.3	197	J	5.0	14	146	-3.3	2.1	1.2	3	J
18	624	7.2	178	J	6.0	-10	161	-4.6	1.7	-0.6	3	J
19	642	7.5	198	J	6.6	48	117	-1.5	2.1	4.3	4	J
20	622	6.7	153	J	6.8	31	162	-5.1	0.8	3.5	3	J
21	619	7.0	136	J	6.5	16	157	-5.3	1.7	2.2	2	J
22	629	5.1	112	J	5.3	14	171	-3.8	0.3	1.1	4	J
23	665	5.2	163	J	4.9	-31	64	1.5	3.6	-1.0	3	J
24	667	5.1	166	J	5.7	14	69	1.9	4.3	2.7	2	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	642	4.8	150	J	5.5	31	105	-1.1	3.2	3.6	2	J
2	619	4.6	124	J	5.3	9	145	-3.9	2.4	1.4	2	J
3	611	4.5	119	J	5.6	24	159	-4.5	1.2	2.5	2	J
4	610	4.4	115	J	5.5	18	185	-4.8	-0.7	1.5	2	J
5	619	4.5	123	J	5.4	11	156	-4.6	1.8	1.2	2	J
6	633	4.4	163	J	4.7	-1	119	-1.9	3.4	0.1	3	J
7	602	4.4	166	J	4.8	21	171	-4.0	0.6	1.5	2	J
8	602	4.5	176	J	4.3	26	187	-2.9	-0.3	1.5	3	J
9	604	4.7	153	J	4.5	37	125	-1.6	2.4	1.9	3	J
10	617	4.6	142	J	4.1	28	84	0.3	2.9	1.2	3	J
11	616	4.5	111	J	4.1	0	82	0.4	3.0	-0.4	3	J
12	610	4.9	127	J	4.0	-19	107	-0.9	2.7	-1.3	2	J
13	581	4.6	220	J	4.3	-15	166	-3.7	0.8	-1.1	2	J
14	578	4.3	110	J	4.2	9	164	-3.1	0.9	0.5	3	J
15	586	4.8	132	J	3.9	-11	127	-1.5	2.0	-0.5	3	J
16	587	4.6	116	J	3.4	-28	121	-0.6	1.1	-0.6	3	J
17	591	5.1	131	J	3.3	-17	56	1.6	2.4	-0.6	2	J
18	595	5.4	104	J	4.4	-15	54	2.2	3.2	-0.5	2	J
19	577	5.8	104	J	5.3	19	93	-0.2	4.0	2.4	2	J
20	580	5.7	118	J	4.0	12	96	-0.3	2.6	1.4	3	J
21	563	5.1	94	J	4.4	9	161	-3.3	0.9	0.8	3	J
22	561	5.6	86	J	4.3	7	174	-3.8	0.2	0.6	2	J
23	571	5.6	102	J	3.9	2	194	-3.0	-0.7	-0.1	2	J
24	564	5.4	75	J	4.0	4	184	-3.6	-0.3	0.2	2	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	567	5.0	85	J	3.7	13	156	-2.9	1.1	1.1	2	J
2	571	6.4	91	J	4.4	-2	123	-1.8	2.8	0.6	3	J
3	562	7.1	100	J	4.9	-30	184	-2.9	0.1	-1.7	4	J
4	558	7.3	94	J	6.1	44	179	-4.2	-0.6	4.1	1	J
5	561	7.3	98	J	6.4	31	165	-3.7	0.6	2.4	5	J
6	572	7.2	129	J	6.2	-6	112	-2.2	5.4	-0.3	2	J
7	574	5.8	164	J	6.2	-7	121	-2.6	4.3	-0.6	4	J
8	589	5.8	181	J	6.1	9	140	-3.6	3.0	0.6	4	J
9	615	4.4	191	J	6.5	23	119	-2.6	4.8	1.9	3	J
10	599	4.8	188	J	6.1	31	123	-2.7	4.4	2.5	2	J
11	599	6.1	188	J	4.8	14	192	-2.9	-0.5	0.8	4	J
12	605	4.4	147	J	5.0	20	191	-4.1	-0.6	1.6	2	J
13	612	4.2	135	J	4.2	2	194	-3.9	-0.9	0.2	1	J
14	641	4.7	203	J	3.1	5	161	-1.4	0.5	0.1	3	J
15	655	4.6	248	J	3.6	5	99	-0.3	2.1	0.1	3	J
16	634	4.0	198	J	3.4	1	156	-2.5	1.1	0.1	2	J
17	618	3.6	98	J	5.6	24	165	-4.9	1.1	2.3	1	J
18	631	3.9	136	J	5.9	24	151	-4.6	2.2	2.7	2	J
19	612	4.7	195	J	5.0	40	170	-3.2	0.0	2.8	3	J
20	609	4.9	184	J	5.2	16	119	-2.2	3.5	2.2	2	J
21	621	5.0	177	J	5.4	16	106	-1.2	3.8	2.5	3	J
22	624	5.5	195	J	4.9	-52	150	-1.4	1.4	-1.7	4	J
23	633	5.1	179	J	4.5	-37	77	0.6	3.0	-1.1	3	J
24	622	4.6	137	J	4.3	14	186	-2.9	-0.5	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	SG	IMF SC
1	629	4.0	118	J	3.6	9	147	-2.4	1.4	0.9	2	J
2	623	3.8	110	J	3.6	2	190	-2.8	-0.5	-0.0	2	J
3	630	3.7	134	J	3.6	-5	112	-1.0	2.4	0.2	2	J
4	619	3.5	102	J	3.6	9	161	-2.4	0.8	0.5	2	J
5	603	3.6	109	J	4.1	19	183	-3.7	-0.3	1.2	1	J
6	616	3.8	120	J	3.9	29	119	-1.4	2.4	1.7	2	J
7	611	4.1	137	J	4.9	-11	107	-1.3	4.1	-0.9	2	J
8	601	4.0	134	J	4.5	-17	106	-1.1	3.6	-1.4	2	J
9	591	4.0	131	J	4.9	-28	127	-2.1	2.6	-2.1	3	J
10	576	4.5	141	J	5.5	26	149	-4.1	2.7	2.0	1	J
11	581	4.4	155	J	5.5	36	152	-3.7	2.4	2.8	2	J
12	601	5.2	154	J	4.5	-3	133	-2.4	2.5	-0.5	3	J
13	600	5.4	171	J	4.5	10	134	-2.7	2.9	0.4	2	J
14	598	5.6	156	J	4.4	25	163	-3.6	1.2	1.6	2	J
15	588	5.6	182	J	5.0	2	167	-4.8	1.1	0.1	1	J
16	571	5.2	158	J	4.4	20	177	-3.8	0.2	1.4	1	J
17	568	4.8	121	J	4.1	13	133	-1.9	1.9	0.8	3	J
18	562	4.4	163	L								
19	560	4.3	104	J	4.1	2	142	-3.1	2.4	0.6	1	J
20	551	3.9	110	J	3.7	1	174	-3.2	0.3	0.1	2	J
21	550	4.0	124	J	3.6	14	196	-3.0	-1.0	0.5	2	J
22	557	3.9	139	J	3.8	59	158	-1.4	-0.2	2.6	2	J
23	536	3.8	117	J	4.7	24	98	-0.5	3.1	2.7	2	J
24	548	3.6	128	J	4.2	-3	92	-0.1	3.7	0.9	2	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	539	3.2	126	J	4.1	-1	104	-0.7	2.9	0.7	3	J
2	533	3.5	144	J	3.4	-5	136	-2.3	2.2	0.2	1	J
3	541	3.1	125	J	3.4	-6	133	-2.2	2.3	0.1	1	J
4	535	3.0	151	J	3.6	-8	138	-2.5	2.3	-0.2	1	J
5	534	3.1	114	J	3.7	-3	122	-1.6	2.6	0.1	2	J
6	530	3.3	109	J	3.4	-6	111	-1.1	2.9	-0.2	1	J
7	516	2.9	104	J	3.9	-55	119	-1.0	1.8	-3.0	2	J
8	511	2.6	75	J	3.6	-7	127	-2.0	2.7	-0.6	1	J
9	513	2.4	80	J	3.0	20	106	-0.7	2.5	0.7	1	J
10	497	2.2	93	J	2.7	12	155	-1.7	0.8	0.3	2	J
11	495	2.2	77	J	2.8	10	165	-2.7	0.8	0.4	1	J
12	485	2.5	90	J								
13												
14												
15	477	2.2	86	L								
16	471	2.3	83	L								
17	463	2.2	70	L								
18	454	2.1	56	L								
19	446	2.5	54	L								
20	445	3.1	50	L								
21	419	5.1	39	L								
22	414	3.9	42	L								
23	405	5.0	44	L								
24	409	6.4	42	L								

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HR	VEL	DEN	TEMP/1000	PLS SC
1	405	7.4	41	L
2	430	7.9	40	L
3	403	7.7	39	L
4	405	6.6	41	L
5	406	5.5	45	L
6	408	4.9	40	L
7	405	5.8	42	L
8	396	6.0	41	L
9	398	5.9	36	L
10	407	8.2	31	L
11	405	8.8	29	L
12	399	8.2	28	L
13	397	6.0	32	L
14	393	5.9	34	L
15	393	7.7	32	L
16	393	9.5	35	L
17	392	9.0	29	L
18	391	10.9	29	L
19	397	10.1	28	L
20	403	11.1	24	L
21	408	12.7	24	L
22	414	15.3	27	L
23	438	14.4	34	L
24	452	8.7	27	L

06/11/76 - 06/20/76

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 11, 1976							163
1	436	6.5	28	L								
2	426	8.8	23	L								
3	420	12.4	30	L								
4	414	10.5	31	L								
5	419	13.6	22	L								
6	415	13.1	21	L								
7	412	9.0	25	L								
8	415	11.0	34	L								
9	408	10.1	47	L								
10	405	8.3	34	L								
11	396	7.8	26	L								
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					JUN. 14, 1976							166
1												
2												
3	392	7.4	48	L								
4	396	8.0	46	L								
5	392	8.9	49	J	4.4	-6	146	-3.1	2.1	-0.3	2	J
6	392	8.1	51	J	4.9	23	140	-3.1	2.6	1.7	2	J
7	392	8.3	50	J	4.2	33	133	-1.8	2.0	1.6	3	J
8	389	8.0	55	J	3.6	11	146	-2.3	1.6	0.4	2	J
9	382	7.5	45	J	3.9	21	145	-2.5	1.9	0.9	2	J
10	373	7.8	44	J	4.3	21	148	-2.9	2.0	1.0	2	J
11	371	7.0	45	J	4.0	8	137	-2.5	2.4	0.1	2	J
12	371	7.1	30	J	4.2	32	174	-3.3	0.7	2.0	2	J
13	369	7.0	29	J	3.8	38	171	-2.9	0.8	2.2	1	J
14	369	7.1	30	J	3.7	34	163	-2.8	1.1	1.8	1	J
15	365	6.5	37	J	3.6	18	153	-2.7	1.5	0.9	1	J
16	363	6.6	38	J	3.5	9	154	-2.7	1.3	0.4	2	J
17	359	6.4	33	J	3.4	11	155	-2.7	1.2	0.6	1	J
18	358	6.6	35	J	3.3	9	159	-2.7	1.0	0.5	1	J
19	359	7.6	29	J	2.5	35	123	-0.6	0.6	0.9	2	J
20	353	8.0	31	J	2.2	-5	139	-1.4	1.3	0.1	1	J
21	352	8.5	28	J	2.2	20	141	-1.4	0.9	0.9	1	J
22	352	8.0	27	J	2.1	17	149	-1.5	0.7	0.7	1	J
23	350	8.7	23	J	1.9	-17	151	-1.3	0.8	-0.2	1	J
24	347	9.5	22	J	1.9	24	134	-1.0	0.9	0.9	1	J
					JUN. 15, 1976							167
1	349	8.5	22	J	1.9	16	124	-0.7	0.9	0.6	1	J
2	351	8.8	21	J	2.4	44	113	-0.7	1.2	1.9	0	J
3	348	8.6	22	J	2.3	45	142	-1.2	0.7	1.7	0	J
4	347	8.9	23	J	2.3	40	174	-1.7	0.0	1.4	1	J
5					2.5	48	171	-1.7	0.2	1.9	0	J
6	346	10.2	24	J	2.3	41	158	-1.5	0.6	1.4	1	J
7	344	10.3	20	J	2.1	25	151	-1.4	0.8	0.7	1	J
8	341	12.9	20	J	2.4	6	153	-1.9	1.0	0.1	1	J
9	337	18.2	13	J	2.0	8	155	-1.4	0.7	0.1	1	J
10	335	19.6	12	J	2.0	35	141	-1.1	1.1	0.9	1	J
11	334	18.8	10	J	2.7	30	108	-0.7	2.3	0.9	1	J
12	334	20.0	10	J	2.3	10	90	0.0	2.2	-0.0	1	J
13	331	17.7	12	J	2.6	23	104	-0.6	2.4	0.6	1	J
14	328	18.1	12	J	2.5	25	115	-0.9	2.1	0.7	1	J
15	331	21.3	12	J	2.4	16	104	-0.5	2.1	0.4	1	J
16	331	19.2	12	J	3.2	43	128	-1.4	1.9	2.0	1	J
17	331	20.2	13	J	3.1	41	129	-1.3	1.5	1.6	2	J
18	331	23.1	13	J	2.8	-4	164	-2.3	0.7	-0.1	1	J
19	336	30.8	11	J	3.0	46	129	-1.3	1.2	2.3	1	J
20	341	29.5	18	J	3.3	6	281	0.5	-2.8	-0.2	2	J
21	349	22.6	37	J	5.3	-65	354	1.8	0.7	-3.9	3	J
22	351	22.8	53	J	6.0	-2	322	4.1	-3.1	-1.0	3	J
23	341	23.6	41	J	5.1	56	333	2.2	-2.0	3.3	2	J
24	351	16.4	44	J	6.4	25	319	3.6	-3.5	1.4	4	J
					JUN. 16, 1976							168
1												
2	360	11.8	44	J	7.7	3	293	2.9	-6.9	-0.9	2	J
3	367	11.9	45	J	7.0	11	297	3.0	-6.0	0.4	2	J
4	369	12.7	58	J	5.6	22	347	3.8	-1.0	1.5	4	J
5	373	12.5	65	J	3.0	-16	195	-1.6	-0.4	-0.5	3	J
6	373	13.0	71	J	3.5	-16	185	-3.2	-0.3	-0.9	1	J
7	367	12.4	73	J	4.6	-6	328	2.5	-1.6	-0.2	4	J
8	366	11.9	64	J	5.4	-9	333	3.5	-1.9	-0.4	4	J
9	383	11.8	53	J	4.5	-37	215	-2.8	-2.3	-2.3	2	J
10	383	12.1	65	J	4.5	-31	269	-0.0	-2.9	-1.1	3	J
11	381	10.8	83	J	5.7	14	313	3.2	-3.2	1.8	3	J
12	388	9.8	65	J	5.7	11	320	4.1	-3.2	1.7	2	J
13	388	9.4	64	J	5.7	1	324	4.6	-3.3	0.7	1	J
14	388	9.2	68	J	5.5	4	315	3.9	-3.8	0.9	1	J
15	378	9.1	62	J	5.5	10	326	4.4	-2.9	1.2	1	J
16	373	8.2	32	J	5.7	0	322	4.5	-3.5	0.2	1	J
17	375	8.5	39	J	5.4	13	323	4.2	-3.2	1.2	1	J
18	364	7.0	37	J	5.9	4	331	5.1	-2.8	0.2	1	J
19	355	6.7	44	J	6.0	1	340	5.5	-2.0	-0.2	1	J
20	358	6.9	47	J	6.0	7	316	4.3	-3.9	-0.0	2	J
21	350	7.0	58	J	5.7	-9	322	4.2	-3.0	-1.5	2	J
22	346	6.7	49	J	5.8	1	322	4.5	-3.4	-0.7	1	J
23	356	6.9	41	J	5.6	-2	320	4.1	-3.3	-1.0	2	J
24	361	11.5	49	J	4.5	-46	299	1.1	-1.4	-2.9	3	J
					JUN. 17, 1976							169
1	371	16.4	60	J	6.0	6	326	4.3	-2.9	-0.1	3	J
2	365	17.7	41	J	7.2	14	326	5.7	-4.1	1.0	1	J
3	372	21.1	34	J	8.8	17	329	7.0	-4.5	1.9	2	J
4	376	26.6	50	J	5.7	-23	289	1.0	-2.8	-1.6	5	J
5	390	31.4	40	J	4.3	47	104	-0.7	2.5	3.0	2	J
6	397	30.6	40	J	6.0	52	73	1.0	3.5	4.5	2	J
7	410	35.3	49	J	8.8	48	97	-0.3	2.9	2.8	9	J
8	452	16.7	84	J	12.9	53	79	1.2	7.3	7.8	7	J
9	532	11.9	310	J	12.5	-22	159	-10.5	3.3	-5.1	3	J
10	523	13.6	292	J	13.0	-18	148	-9.8	5.3	-4.8	5	J
11	532	18.1	321	J	11.7	24	117	-4.5	9.6	2.6	4	J
12	500	14.1	219	J	13.7	4	132	-8.2	9.1	-0.9	6	J
13	533	13.1	361	J	12.5	32	77	1.9	8.8	3.6	8	J
14	516	12.1	280	J	16.0	-3	125	-8.5	11.9	-2.6	6	J
15	530	10.7	287	J	15.3	-6	123	-8.2	12.4	-2.9	3	J
16	584	8.1	235	J	9.2	-2	142	-6.8	5.3	-0.6	3	J
17	589	7.2	192	J	8.2	-1	159	-7.5	2.9	-0.1	2	J
18	599	7.6	200	J	7.8	-6	132	-4.4	4.9	-0.3	4	J
19	583	8.0	236	J	6.7	-8	121	-3.2	5.3	-0.2	2	J
20	515	7.2	131	J	6.6	0	149	-4.8	2.8	0.5	4	J
21	523	9.0	155	J	8.6	-10	138	-6.0	5.6	-0.3	3	J
22	572	8.1	204	J	8.0	0	133	-2.4	2.5	0.6	7	J
23	605	8.1	260	J	7.3	33	140	-3.9	2.4	3.9	4	J
24	603	8.2	247	J	6.8	25	149	-4.2	1.9	2.8	4	J
					JUN. 18, 1976							170
1	612	7.3	214	J	7.4	-20	128	-3.6	4.9	-1.1	4	J
2	602	7.3	245	J	7.5	-11	145	-4.4	3.2	-0.5	5	J
3	616	7.4	270	J	7.2	-8	131	-3.5	4.1	-0.2	5	J
4	603	7.4	247	J	7.9	-1	149	-5.2	3.1	0.1	5	J
5	625	7.1	253	J	8.1	-14	123	-2.9	4.5	-1.2	6	J
6	624	7.4	231	J	8.9	9	110	-2.6	7.2	1.0	4	J
7	596	7.5	219	J	8.8	-24	135	-5.2	5.0	-3.7	3	J
8	589	7.3	208	J	8.3	-28	152	-4.5	2.1	-3.0	6	J
9	590	7.6	233	J	8.1	-16	120	-3.3	5.4	-2.8	4	J
10	571	8.1	182	J	7.4	-21	139	-4.6	3.5	-3.1	3	J
11	602	8.2	235	J	7.4	18	86	0.4	5.7	0.7	5	J
12	576	9.4	216	J	7.2	-10	148	-2.8	1.6	-0.9	6	J
13	564	9.6	204	J	6.7	-13	162	-5.3	1.5	-1.6	4	J
14	584	7.5	222	J	5.8	-14	197	-5.0	-1.7	-1.1	2	J
15	579	6.0	245	J	4.5	0	181	-4.0	-0.1	0.0	2	J
16	575	5.3	195	J	4.1	-3	170	-3.5	0.6	-0.2	2	J
17	586	4.6	186	J	2.7	7	179	-2.2	0.0	0.3	2	J
18	578	4.2	189	J	2.8	-12	149	-2.2	1.3	-0.5	1	J
19	576	3.9	141	J	2.6	-19	141	-1.2	1.1	-0.4	2	J
20	577	4.1	119	J	2.5	-39	186	-1.7	0.1	-1.4	1	J
21	546	4.7	104	J	2.9	-28	208	-1.9	-0.8	-1.4	2	J
22	536	5.2	92	J	3.7	-33	259	-0.5	-2.0	-2.1	2	J
23	536	6.2	97	J	3.7	-35	86	0.1	1.5	-0.6	3	J
24	531	6.1	77	J	4.1	29	61	1.5	2.2	2.2	2	J
					JUN. 19, 1976							171
1	526	5.9	64	J	4.3	14	49	2.7	2.8	1.6	1	J
2	517	5.7	61	J	4.2	12	64	1.7	3.3	1.4	1	J
3	510	5.9	66	J	4.1	7	65	1.7	3.5	0.9	1	J
4	516	5.1	56	J	4.5	3	51	2.8	3.4	0.5	1	J
5	507	5.6	72	J	3.7	8	55	2.0	2.8	0.5	1	J
6	508	5.6	66	J	4.1	7	52	2.2	2.8	0.3	2	J
7	500	6.3	81	J	3.5	9	71	0.9	2.5	0.2	2	J
8	498	6.0	74	J	3.7	25	79	0.5	2.6	0.9	2	J
9	502	5.7	81	J	4.1	-5	45	2.5	2.4	-0.7	2	J
10	497	5.8	75	J	3.8	-8	55	1.9	2.5	-1.0	2	J
11	494	5.5	78	J	3.3	0	55	1.0	1.4	-0.3	3	J
12	492	5.7	91	J	1.9	-4	164	-0.9	0.2	-0.1	2	J
13	479	5.5	102	J	3.0	1	168	-2.2	0.5	-0.1	2	J
14	470	6.2	90	J	3.5	10	172	-3.1	0.5	0.5	1	J
15	471	6.3	66	J	3.0	40	116	-0.7	1.7	1.2	2	J
16	475	5.8	59	J	4.0	15	60	1.7	3.0	0.7	2	J
17	473	5.3	54	J	4.4	-17	46	2.8	2.9	-1.2	1	J
18	468	6.1	44	J	3.5	-23	20	2.9	1.1	-1.3	1	J
19	463	5.5	51	J	3.2	-12	42	2.1	2.0	-0.4	1	J
20	454	4.6	47	J	3.4	2	29	2.8	1.5	0.4	1	J
21	453	4.9	49	J	3.4	12	34	2.0	1.2	0.8	2	J
22	438	4.0	40	J	3.0	-19	96	-0.3	2.9	-0.3	1	J
23	439	4.2	43	J	3.4	-12	88	0.1	3.3	0.0	0	J
24	432	4.9	44	J	3.2	-1	92	-0.1	3.1	-0.3	1	J
					JUN. 20, 1976							172
1	431	5.2	69	J	3.3	-3	115	-1.3	2.6	0.4	1	J
2	416	5.1	63	J	3.1	-7	136	-2.1	2.1	-0.0	1	J
3	416	4.9	65	L	3.5	-6	137	-2.4	2.3	-0.1	1	J
4	419	5.3	66	L	3.5	-4	129	-2.1	2.6	-0.1	1	J
5	416	5.7	71	L	3.4	-1	129	-1.9	2.3	-0.0	2	J
6	415	5.9	66	L	4.1	-8	138	-2.8	2.5	-0.6	1	J
7	427	6.6	70	L	3.3	-15	109	-0.7	1.9	-0.7	3	J
8	429	7.2	69	L	3.1	-56	67	0.7	1.2	-2.8	1	J
9	426	6.5	47	L	4.7	-48	42	2.2	1.4	-3.6	1	J
10	418	6.0	48	L	5.6	-25	76	1.9	3.6	-2.7	3	J
11	414	5.4	53	L	5.2	10	93	-0.3	5.1	-0.2	1	J
12	428	4.6	53	L	4.5	26	98	-0.5	4.1	1.0	1	J
13	408	4.7	56	L	3.5	1	159	-1.1	0.4	-0.1	3	J
14	397	5.3	54	L	4.4	-16	234	-2.3	-3.3	-0.6	2	J
15	399	6.4	56	L	4.1	-18	66	1.5	3.3	-1.7	1	J
16	381	7.1	66	L	4.5	-31	86	0.3	3.4	-2.4	2	J
17	373	7.7	51	L	4.7	-9	196	-2.8	-0.8	-0.4	4	J
18	369	8.1	51	L	5.1	9	223	-3.4	-3.2	0.6	2	J
19	359	7.4	49	L	4.8	14	198	-4.2	-1.5	1.0	1	J
20	356	8.3	47	L	5.8	25	219	-4.0	-3.6	1.9	1	J
21	360	8.0	43	L	5.5	29	207	-4.2	-2.6	2.2	1	J
22	358	7.2	48	L	5.6	22	179	-5.0	-0.3	2.0	1	J
23	363	5.7	43	L	5.9	23	179	-5.4	-0.4	2.3	0	J
24	361	6.4	42	L	5.7	30	183	-4.9	-0.8	2.7	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 21, 1976							173					JUN. 22, 1976							174
1	368	6.3	51	L	5.6	26	164	-4.8	0.9	2.6	1	J	327	13.6	26	J	5.1	15	106	-1.2	3.9	1.9	2	J
2	386	6.3	59	L	5.8	23	149	-4.6	2.4	2.6	1	J	330	14.2	33	J	5.4	39	116	-1.4	2.5	3.0	4	J
3	386	7.3	62	L	6.1	15	143	-4.6	3.3	1.9	1	J	338	11.2	28	J	5.7	41	137	-2.4	1.9	3.0	4	J
4	383	7.6	57	L	5.8	17	134	-3.9	3.9	1.9	1	J	338	10.5	36	J	5.4	29	180	-4.6	-0.1	2.6	1	J
5	382	7.8	52	L	5.9	19	129	-3.5	4.3	1.9	1	J	332	10.6	25	J	5.0	24	139	-3.2	2.8	1.9	2	J
6	376	7.6	43	L	6.2	19	124	-3.2	4.9	1.8	1	J	335	9.3	23	J	4.4	11	139	-3.2	2.8	0.7	1	J
7	368	7.2	40	L	6.8	18	122	-3.3	5.5	1.5	1	J	334	10.4	29	J	4.4	14	153	-3.5	1.9	0.8	1	J
8	348	8.1	36	L	7.2	20	144	-5.5	4.3	1.9	1	J	344	9.7	25	J	4.2	-8	74	1.0	3.2	-1.0	2	J
9	346	9.1	41	L	7.5	25	131	-4.4	5.5	2.2	1	J	340	9.0	23	J	4.7	22	70	1.2	3.4	0.8	3	J
10	349	8.7	44	L	7.9	19	125	-4.2	6.4	1.2	1	J	340	9.6	29	L	3.4	-15	73	0.8	2.5	-1.3	1	J
11	342	9.5	46	L	7.5	8	125	-4.1	6.0	-0.3	1	J	340	9.2	27	L								
12	343	10.5	39	L	7.3	8	123	-3.8	6.0	-0.3	1	J	340	7.8	26	L								
13	337	9.2	40	L	7.1	14	140	-5.2	4.6	0.8	1	J	341	8.1	26	L								
14	328	7.7	40	L	6.9	21	145	-5.2	4.0	1.7	1	J	339	8.0	25	L								
15	321	8.2	32	L	6.2	15	141	-4.7	4.0	1.1	1	J												
16	313	6.8	26	L	6.1	9	139	-4.5	4.0	0.6	1	J	327	9.2	27	L								
17	322	9.1	25	L	5.3	8	119	-2.4	4.4	0.6	1	J	331	10.4	24	L								
18	327	9.5	26	L	5.1	13	91	-0.1	4.6	1.3	2	J	331	10.9	20	L								
19	322	9.2	15	J	5.7	-9	102	-1.1	5.4	-0.3	1	J	328	10.3	20	L								
20	325	11.3	22	J	4.8	57	120	-1.2	1.5	4.0	2	J	327	10.4	19	L								
21	323	10.5	22	J	5.1	14	111	-1.7	4.2	2.0	1	J	329	10.4	22	L								
22	325	11.8	21	J	7.1	9	103	-1.6	6.4	2.4	1	J	324	16.8	16	L								
23	325	12.5	23	J	6.7	0	93	-0.3	6.2	1.3	2	J	319	17.0	13	L								
24	328	12.5	24	J	6.0	35	149	-4.0	1.7	3.7	2	J	329	17.8	19	L								
					JUN. 23, 1976							175					JUN. 24, 1976							176
1	327	18.1	22	L									299	12.4	24	L								
2	327	18.4	18	L									293	9.6	21	L								
3	331	14.8	26	L									289	9.0	21	L								
4	343	14.7	31	L																				
5	344	17.7	31	L																				
6	350	21.1	31	L																				
7	351	18.9	40	L									303	18.5	58	L								
8	348	16.1	41	L									300	21.3	38	L								
9													302	19.4	40	L								
10																								
11																								
12																								
13																								
14																								
15	320	18.1	17	L																				
16	318	17.3	17	L																				
17	318	15.1	18	L																				
18	308	0.0	0	H																				
19	313	14.5	25	L																				
20	316	15.6	22	L																				
21	317	17.3	25	L																				
22	314	18.3	22	L																				
23	308	17.6	19	L																				
24	303	14.3	21	L																				
					JUN. 26, 1976							178					JUN. 27, 1976							179
1													426	6.2	62	J	6.3	1	337	5.5	-2.3	-0.2	1	J
2													422	6.9	56	J	5.9	0	330	4.7	-2.7	-0.3	2	J
3													426	10.4	58	J	4.8	10	268	-0.1	-4.1	0.5	2	J
4													426	9.0	76	J	4.4	-12	307	2.4	-3.2	-0.9	2	J
5													406	9.9	59	J	6.7	-9	217	-3.9	-3.0	-0.7	5	J
6													399	11.9	54	J	6.1	7	302	2.9	-4.6	1.1	3	J
7													403	17.3	50	J	5.8	18	290	1.7	-4.4	2.2	2	J
8													404	21.2	49	J	5.9	-17	276	0.5	-5.4	-0.6	2	J
9													407	15.5	70	J	7.2	29	18	5.7	2.5	2.8	3	J
10													405	13.9	80	J	5.9	19	314	3.0	-2.7	2.2	4	J
11													403	14.0	88	J	7.0	13	270	-0.0	-4.1	2.2	5	J
12													413	13.0	92	J	8.5	2	260	-1.1	-6.1	1.9	5	J
13													420	8.3	124	J	10.1	29	327	6.9	-3.2	5.5	4	J
14													425	9.3	160	J	9.0	24	307	4.8	-5.5	4.9	2	J
15													424	8.3	122	J	7.1	-11	294	2.5	-5.9	-0.2	3	J
16													417	7.6	123	J	6.8	-2	304	3.6	-5.3	0.4	2	J
17	479	5.8	96	J	4.8	0	329	3.3	-2.0	0.1	2	J	407	7.5	98	J	6.4	-1	322	4.8	-3.8	0.1	2	J
18	468	5.3	82	J	4.5	-17	330	3.0	-1.7	-1.1	2	J	409	7.3	109	J	6.3	14	323	4.6	-3.4	1.4	2	J
19	467	6.4	87	J	4.2	-31	311	2.1	-2.3	-2.1	2	J	408	8.0	94	J	4.9	8	308	2.4	-3.1	0.4	3	J
20	469	6.1	71	J	4.2	-48	301	1.3	-1.8	-3.0	2	J	438	7.4	80	J	5.5	-10	212	-4.5	-2.7	-1.2	1	J
21	462	6.0	56	J	4.1	-41	332	2.5	-0.9	-2.6	2	J	435	7.3	78	J	5.0	-14	213	-4.0	-2.4	-1.5	2	J
22	449	5.9	61	J	5.4	-30	320	3.2	-2.3	-2.9	2	J	435	6.5	71	J	5.3	-9	218	-3.9	-2.9	-1.3	2	J
23	441	6.7	67	J	5.7	-4	329	4.3	-2.5	-0.8	2	J	451	6.3	58	J	5.1	-13	194	-4.7	-1.0	-1.3	1	J
24	432	7.7	64	J	6.7	11	340	6.0	-2.4	0.9	1	J	425	6.4	73	J	4.2	-26	241	-1.7	-2.7	-2.1	2	J
					JUN. 28, 1976							180					JUN. 29, 1976							181
1	414	6.1	52	J	3.8	-5	262	-0.5	-3.5	-0.8	1	J	389	8.5	36	J	3.5	-20	252	-0.9	-2.7	-1.4	2	J
2	417	6.4	54	J	3.9	27	295	1.3	-3.0	1.3	2	J	376	9.5	26	J	3.4	-4	293	1.2	-2.9	-0.5	1	J
3	414	5.8	59	J	4.1	-22	293	1.3	-3.0	-1.5	2	J	370	8.9	28	J	3.1	-9	312	1.8	-2.0	-0.5	1	J
4	413	5.7	54	J	4.5	-6	305	2.3	-3.3	-0.5	2	J	367	9.1	22	J	2.9	-15	280	0.5	-2.7	-0.7	1	J
5	408	5.5	48	J	3.8	-16	321	2.5	-2.1	-0.8	2	J	357	8.3	40	J	2.6	12	330	2.1	-1.2	0.6	1	J
6	411	5.3	45	J	3.5	-31	337	2.4	-1.2	-1.4	2	J	360	8.5	34	J	2.3	-4	321	1.2	-1.0	-0.0	2	J
7	411	5.2	42	J	3.4	-10	13	2.7	0.5	-0.6	2	J	365	9.5	28	J	3.2	-16	306	1.7	-2.4	-0.5	1	J
8	415	5.1	55	J	3.5	-25	40	2.2	1.6	-1.7	1	J	362	9.4	30	J	3.2	-33	316	1.7	-1.9	-1.2	2	J
9	413	4.9	43	J	3.4	-28	27	2.6	0.9	-1.8	1	J	362	10.7	27	J	2.8	-36	352	1.8	-0.5	-1.2	2	J
10	413	5.0	36	J	3.6	-22	35	2.6	1.4	-1.7	1	J	365	12.8	21	J	3.1	4	300	1.4	-2.4	0.9	1	J
11	414	5.2	42	J	4.1	-10	52	1.9	2.2	-1.2	2	J	357	10.9	30	J	3.4	7	321	2.5	-1.8	0.9	1	J
12	405	5.1	42	J	4.4	2	15	4.2	1.1	-0.2	0	J	362	12.1	27	J	4.0	-6	296	1.6	-3.3	0.5	1	J
13	400	5.9	50	J	4.4	12	18	4.0	1.5	0.5	1	J	366	10.7	19	J	4.9	7	279	0.7	-4.4	1.8	1	J
14	397	6.0	54	J	4.5	12	17	4.2	1.5	0.6	1	J	362	9.9	21	L								
15	393	5.9	63	J	4.5	3	5	4.5	0.4	0.2	0	J	358	11.9	20	J	4.8	-8	287	1.4	-4.5	0.2	1	J
16	393	5.4	69	J	4.0	3	353	3.9	-0.4	0.3	1	J	359	13.5	20	J	5.0	-5	275	0.4	-5.0	0.3	1	J
17	397	5.7	64	J	3.6	1	349	3.4	-0.7	0.1	1	J	367	18.8	27	J	4.2	41	284	0.4	-1.5	1.6	4	J
18	394	6.4	57	J	3.1	-40	322	1.2	-1.0	-1.3	2	J	367	17.6	35	J	3.1	14	73	0.6	2.0	0.5	2	J
19	392	8.4	51	J	3.9	-62	240	-0.8	-1.2	-2.9	2	J	370	15.3	37	J	3.7	-18	239	-1.4	-2.2	-1.0	2	J
20	395	8.3	50	J	5.1	-15	243	-2.1	-3.9	-1.6	2	J	370	9.9	34	J	5.2	4	264	-0.5	-4.6	-0.1	2	J
21	391	8.3	62	J	4.8	-47	241	-1.3	-1.9	-3.1	3	J	368	10.0	35	J	5.0	25	266	-0.3	-4.6	1.5	2	J
22	381	7.9	64	J	4.9	12	303	2.2	-3.5	0.3	3	J	365	9.4	34	J	4.8	33	289	1.3	-4.0	2.0	2	J
23	377	6.7	58	J	4.4	46	321	2.3	-2.3	2.7	1	J	369	9.8	34	J	4.1	46	337	2.4	-1.4	2.5	1	J
24	375	7.0	44	J	4.3	-2	321	3.0	-2.4	-0.5	2	J	370	9.4	34	J	4.1	24	317	2.1	-2.1	1.0	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
					JUN. 30, 1976							182
1	378	9.3	44	J	3.8	-11	290	0.8	-2.2	-0.7	3	J
2	385	8.1	64	J	4.7	17	331	3.9	-2.3	1.2	1	J
3	401	10.6	36	J	5.0	11	315	3.4	-3.4	0.8	1	J
4	410	17.7	36	J	5.5	13	304	2.9	-4.3	1.2	2	J
5	410	17.0	42	J	6.3	-33	281	0.9	-4.8	-2.8	3	J
6	411	16.8	49	J	8.3	-1	297	3.1	-6.0	0.6	5	J
7	412	19.4	56	J	8.1	8	311	4.0	-4.4	1.6	5	J
8	421	23.5	56	J	8.5	-32	297	3.0	-6.7	-2.9	3	J
9	450	17.5	93	J	16.9	-5	122	-8.8	13.3	-4.8	4	J
10	489	22.7	234	J	11.1	-75	321	1.3	-2.7	-5.9	10	J
11	483	20.8	113	J	18.8	-58	98	-1.2	4.5	-16.3	8	J
12	520	12.4	207	J	15.9	18	148	-12.0	8.5	2.3	6	J
13	557	10.8	365	J	14.5	3	151	-10.7	5.9	-1.0	8	J
14	551	10.8	388	J	15.5	25	143	-10.6	9.2	4.1	5	J
15	524	10.3	232	J	16.6	22	147	-12.5	9.2	4.3	4	J
16	509	12.4	308	L								
17	524	11.7	393	L								
18	551	8.6	394	J	10.9	-34	91	-0.1	8.5	-6.0	4	J
19	558	8.5	279	J	10.5	5	123	-5.2	7.9	1.1	5	J
20	582	7.5	244	J	9.2	11	124	-4.9	7.2	2.3	2	J
21	581	7.7	254	J	9.6	4	120	-4.5	7.7	1.5	3	J
22	581	7.3	236	J	9.5	23	161	-7.2	2.0	3.6	5	J
23	597	7.9	235	J	9.5	28	179	-7.6	-0.4	4.0	4	J
24	622	7.6	272	J	8.5	9	156	-5.8	2.4	1.3	6	J
					JUL. 1, 1976							183
1	666	5.9	229	J	7.1	6	135	-4.4	4.3	1.1	3	J
2	681	5.0	235	J	6.3	2	129	-3.0	3.7	0.5	4	J
3	671	5.2	197	J	7.0	24	155	-5.3	2.4	2.7	3	J
4	707	5.3	308	J	6.1	-47	100	-0.6	3.4	-3.8	3	J
5	681	5.6	203	J	6.1	44	157	-3.5	1.7	3.6	5	J
6	693	5.1	194	J	5.3	-4	166	-3.1	0.7	-0.3	4	J
7	691	4.7	187	J	5.1	33	155	-3.1	1.8	2.0	3	J
8	695	4.4	188	J	5.0	19	135	-2.1	2.2	0.5	4	J
9	670	4.5	164	J	5.0	1	158	-4.2	1.7	-0.3	2	J
10	669	4.3	200	J	5.1	2	154	-3.8	1.8	-0.4	3	J
11	669	4.7	219	J	4.8	-1	160	-3.8	1.3	-0.5	3	J
12	685	4.2	223	J	4.6	6	102	-0.8	3.7	-0.7	3	J
13	676	3.6	220	J	4.5	-2	110	-1.3	3.4	-1.1	2	J
14	688	3.7	214	J	3.9	4	90	0.0	3.2	-0.6	2	J
15	659	3.3	234	J	4.7	30	167	-2.2	0.8	1.2	4	J
16	657	3.5	230	J	5.2	44	167	-2.0	0.7	1.9	4	J
17	638	3.2	197	J	5.1	-4	128	-2.6	3.3	-0.6	3	J
18	667	3.3	191	J	4.5	-9	111	-0.9	2.4	-0.5	4	J
19	635	3.5	206	J	4.5	16	170	-3.5	0.6	1.0	3	J
20	627	3.3	126	J	4.5	-10	187	-3.4	-0.4	-0.6	3	J
21	641	3.3	144	J	4.5	-8	113	-1.5	3.7	-3.2	2	J
22	619	3.1	109	J	4.6	-9	150	-3.0	1.8	-0.3	3	J
23	640	2.9	114	J	5.4	2	96	-0.6	5.2	0.9	1	J
24	635	3.1	122	J	5.3	-13	95	-0.4	4.8	-0.5	2	J
					JUL. 2, 1976							184
1	623	3.0	112	J	4.9	-30	119	-1.8	3.5	-1.8	2	J
2	631	3.1	150	J	4.8	-8	112	-1.5	3.8	-0.3	2	J
3	634	2.9	132	J	4.8	23	110	-1.4	3.8	1.8	2	J
4	602	2.7	124	J	4.8	7	138	-3.2	2.9	0.5	2	J
5	613	2.7	128	J	4.7	10	140	-2.9	2.4	0.5	3	J
6	608	2.6	118	J	4.8	8	138	-3.3	3.0	0.2	2	J
7	608	2.6	126	J	4.8	5	159	-3.7	1.5	0.1	3	J
8	602	2.7	137	J	4.8	-1	156	-3.8	1.7	-0.4	2	J
9	625	2.8	164	J	5.0	-12	125	-2.4	3.0	-1.7	3	J
10	615	3.0	161	J	4.9	13	140	-2.8	2.5	0.1	3	J
11	605	3.1	186	J	4.8	-5	155	-3.2	1.4	-0.7	3	J
12	627	2.9	153	J	5.1	7	100	-0.8	4.6	-0.8	2	J
13	634	3.0	158	J	5.3	2	87	0.2	4.4	-1.1	3	J
14	600	3.0	145	J	5.2	33	138	-2.7	3.0	1.7	3	J
15	595	3.1	145	J	5.0	10	130	-2.5	3.1	0.0	3	J
16	606	3.3	168	J	4.9	4	110	-1.4	3.7	-0.3	3	J
17	601	3.3	167	J	4.6	13	111	-1.4	3.8	0.5	2	J
18	582	3.2	152	J	4.6	12	128	-2.3	3.0	0.7	2	J
19	572	3.0	109	J	4.4	-19	142	-3.0	2.4	-1.3	2	J
20	570	3.1	122	J	4.3	-1	139	-2.9	2.6	0.1	2	J
21	589	3.1	138	J	4.2	6	115	-1.5	3.2	0.7	2	J
22	567	3.1	116	J	4.2	-4	138	-2.9	2.6	0.0	2	J
23	545	2.9	80	J	4.7	8	174	-4.4	0.4	0.7	1	J
24	525	2.9	113	J	5.0	15	157	-4.4	1.7	1.5	1	J
					JUL. 3, 1976							185
1	513	2.8	84	J	5.0	7	146	-3.9	2.5	0.8	2	J
2	501	3.1	52	J	5.1	15	168	-4.3	0.8	1.2	2	J
3	495	3.4	51	J	5.3	7	186	-5.0	-0.5	0.6	1	J
4	497	3.6	58	J	5.2	-17	164	-4.6	1.3	-1.5	1	J
5	528	3.6	59	J	5.0	-30	97	-0.5	3.8	-2.7	1	J
6	504	3.6	71	J	5.4	-26	147	-3.5	2.0	-2.3	3	J
7	482	3.8	72	J	5.8	-17	163	-4.9	1.2	-1.8	2	J
8	502	4.3	48	J	5.7	-14	114	-2.1	4.4	-2.4	2	J
9	502	4.5	43	J	5.9	-12	115	-2.3	4.4	-2.4	2	J
10	507	4.5	62	J	5.5	-14	107	-1.5	4.3	-2.6	2	J
11	494	4.4	87	J	5.3	-34	172	-3.0	-0.2	-2.1	4	J
12	489	5.2	91	J	5.8	33	202	-3.5	-0.6	2.8	4	J
13	502	5.6	100	J	5.9	18	225	-2.6	-2.1	1.9	5	J
14	495	6.0	93	J	6.2	49	218	-2.4	-0.9	3.9	4	J
15	496	5.7	88	J	6.2	28	220	-2.5	-1.7	2.2	5	J
16	503	5.8	80	J	6.5	-16	108	-1.7	5.0	-2.5	3	J
17	468	6.3	75	J	6.5	-1	144	-4.8	3.4	-0.5	3	J
18	490	7.1	90	J	6.6	56	199	-3.2	-0.9	5.1	2	J
19	482	7.0	107	J	6.4	42	155	-3.8	1.7	3.8	3	J
20	478	7.1	120	J	6.6	-24	151	-4.6	2.7	-2.2	3	J
21	492	7.4	105	J	7.0	-34	118	-2.5	5.0	-3.1	3	J
22	488	5.5	96	J	7.9	18	154	-5.4	2.4	2.2	5	J
23	517	5.4	160	J	7.7	37	152	-4.5	1.9	4.1	4	J
24	549	6.6	210	J	6.7	24	138	-3.7	3.1	2.6	4	J
					JUL. 4, 1976							186
1	545	6.5	213	L								
2	537	6.6	181	J	6.4	8	153	-4.9	2.4	0.9	3	J
3	542	7.2	147	J	6.4	14	155	-4.8	2.2	1.4	3	J
4	543	6.8	122	J	6.4	20	143	-4.6	3.5	2.0	2	J
5	563	6.9	135	J	6.3	24	122	-2.5	4.2	1.8	3	J
6	559	7.0	132	J	6.5	4	130	-2.9	3.5	-0.2	5	J
7	582	6.8	152	J	4.5	-74	245	-0.3	-0.9	-2.0	4	J
8	588	6.7	183	J	3.3	-54	186	-1.2	-0.5	-1.5	3	J
9	583	6.5	209	J	4.0	23	125	-1.5	2.4	0.5	3	J
10	569	5.2	137	L	4.8	62	192	-1.4	0.5	2.7	4	J
11	588	4.8	150	L	5.1	-6	95	-0.4	4.6	-2.1	1	J
12	587	5.0	149	L								
13	586	5.5	140	J	5.3	60	205	-2.4	0.3	4.6	1	J
14	584	6.4	174	J	5.1	-5	146	-3.0	1.8	-0.8	4	J
15	603	5.4	130	J	4.3	0	121	-1.7	2.8	-0.7	3	J
16	584	4.3	156	L	4.1	20	169	-2.9	0.7	0.9	3	J
17	580	4.3	137	L	4.0	21	138	-2.3	2.2	0.9	2	J
18	569	4.7	128	L	3.5	-28	212	-1.6	-1.0	-0.9	3	J
19	568	4.6	97	L								
20	564	5.3	133	L								
21	548	5.0	128	L								
22	538	4.5	97	L								
23	540	4.4	96	L								
24	542	3.7	120	L								
					JUL. 5, 1976							187
1	543	3.4	101	L								
2	534	3.7	90	L								
3	542	3.7	93	L								
4	547	3.7	97	L								
5	547	3.5	95	L								
6	546	3.9	98	L								
7	542	5.3	98	L								
8	542	5.8	109	L								
9	544	6.0	96	L								
10	539	5.6	100	L								
11	534	4.6	93	L								
12	535	4.1	91	L								
13	535	4.3	115	L								
14	547	4.9	126	L								
15	538	4.9	110	L								
16	531	3.4	131	L								
17												
18	536	4.9	124	L								
19	521	4.1	112	L								
20	525	5.1	103	L								
21	517	5.4	95	L								
22	502	5.0	113	L								
23	494	4.6	100	L								
24	503	6.9	106	L								
					JUL. 6, 1976							188
1	496	6.3	103	L								
2	490	7.1	88	L								
3	490	7.4	90	L								
4	496	5.7	94	L								
5	501	5.4	100	L								
6	494	5.6	98	L								
7	482	7.4	105	L								
8	525	5.6	176	L								
9	524	5.6	160	L								
10	519	6.0	170	L								
11	498	6.3	142	L								
12	495	6.1	134	L								
13	480	5.4	107	L								
14	468	4.9	113	L								
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					JUL. 9, 1976							191
	443	9.5	31	L								
	441	9.3	28	L	3.1	27	166	-1.7	0.6	0.8	2	J
	441	10.5	30	J	2.9	8	178	-2.8	0.2	0.4	1	J
	435	11.5	28	J	2.1	0	157	-1.7	0.7	-0.1	1	J
	435	12.2	29	J	3.0	25	192	-2.5	-0.5	1.2	1	J
	435	12.2	31	J	3.1	23	172	-2.3	0.3	1.0	2	J
	425	12.8	51	J	3.4	10	155	-2.3	1.1	0.5	2	J
	423	12.3	39	J	3.6	-12	88	0.1	2.7	-0.4	2	J
	418	7.8	40	J	4.0	12	116	-1.5	3.1	1.0	2	J
	415	3.7	62	J	4.7	8	137	-3.2	2.9	0.8	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					JUL. 10, 1976							192
1	412	3.4	45	J	4.9	-3	126	-2.7	3.7	-0.1	1	J
2	413	4.0	56	J	3.8	-14	118	-1.7	3.2	-0.8	1	J
3	407	10.8	20	J	2.4	-23	236	-0.6	-0.9	-0.4	2	J
4	394	6.5	24	J	4.4	10	276	0.4	-4.0	1.0	1	J
5	394	6.7	24	J	4.9	-7	275	0.4	-4.7	0.0	1	J
6	400	12.9	21	J	4.2	-46	32	1.9	0.8	-2.5	3	J
7	400	15.1	28	J	3.4	20	82	0.4	2.7	0.3	2	J
8	407	7.6	40	J	5.1	47	151	-2.6	2.3	2.7	3	J
9	410	5.5	46	J	4.8	-4	125	-2.3	3.0	-1.3	3	J
10	413	5.6	49	J	4.7	-16	80	0.8	3.6	-2.6	1	J
11	417	5.6	62	J	5.4	19	102	-1.0	5.0	-0.1	2	J
12	413	6.1	47	J	5.7	-3	112	-1.9	4.3	-1.9	2	J
13	404	6.7	57	J	6.0	23	124	-2.8	4.6	0.6	3	J
14	405	7.0	50	J	6.0	15	114	-2.1	4.9	-0.1	3	J
15	404	7.2	50	J	6.1	19	119	-2.5	4.8	0.5	3	J
16	401	6.8	63	J	6.0	25	132	-3.3	4.1	1.5	2	J
17	408	7.5	61	J	5.8	11	103	-1.1	5.0	0.2	3	J
18	402	7.7	56	J	5.7	-4	106	-1.4	4.7	-0.8	3	J
19	399	7.3	45	J	6.0	-3	94	-0.4	5.6	-0.5	2	J
20	398	7.0	43	J	5.8	-9	98	-0.8	5.6	-0.8	1	J
21	380	8.5	49	J	6.4	2	126	-3.5	4.8	0.4	2	J
22	378	9.4	42	J	6.6	-3	135	-4.6	4.6	-0.0	1	J
23	377	8.8	36	J	5.6	-1	144	-4.1	3.0	0.1	2	J
24	414	11.7	43	J	4.8	-9	66	1.8	4.1	-0.4	1	J
					JUL. 11, 1976							193
1	392	11.0	51	J	4.6	21	163	-2.8	0.8	1.1	3	J
2	383	10.5	49	J	5.1	21	173	-4.5	0.5	1.8	1	J
3	386	9.3	52	J	4.9	21	184	-4.6	-0.3	1.8	1	J
4	380	7.8	50	J	4.0	16	164	-3.4	1.1	0.9	1	J
5	383	9.6	64	J	4.3	16	172	-3.8	0.7	1.0	2	J
6	392	9.0	41	J	3.8	4	86	0.2	3.2	-0.4	2	J
7	389	7.8	56	J	2.8	2	131	-1.4	1.6	-0.3	2	J
8	378	7.4	38	J	3.4	-6	137	-2.3	1.9	-0.9	1	J
9	372	7.7	25	J	3.7	-19	157	-3.0	0.9	-1.5	1	J
10	367	7.6	28	J	3.8	-11	176	-3.5	0.0	-0.7	1	J
11	361	7.3	28	J	4.0	0	178	-4.0	0.1	-0.1	1	J
12	358	7.9	31	J	4.4	-2	173	-4.4	0.4	-0.3	0	J
13	357	6.7	29	J	3.8	6	170	-3.5	0.7	0.1	1	J
14	365	6.9	36	J	3.5	12	165	-3.1	1.0	0.4	1	J
15	379	9.4	29	J	4.6	10	113	-1.5	3.7	-0.3	2	J
16	389	8.4	34	J	4.5	-5	78	0.9	4.0	-1.3	1	J
17	384	8.7	42	J	4.3	9	112	-1.5	3.7	0.0	2	J
18	384	9.4	41	J	4.5	10	130	-2.5	3.1	0.4	2	J
19	391	11.2	36	J	3.8	15	121	-1.6	2.8	0.7	2	J
20	393	13.7	36	J	2.8	27	140	-1.4	1.1	0.9	2	J
21	388	16.2	30	J	2.3	27	134	-0.9	0.9	0.7	2	J
22	382	14.3	31	J	2.6	2	125	-1.3	1.8	0.2	2	J
23	381	15.8	28	J	2.6	-1	106	-0.7	2.4	0.1	1	J
24	376	19.6	23	J	2.4	-38	69	0.5	1.3	-1.0	2	J
					JUL. 12, 1976							194
1	372	22.7	19	J	2.3	-4	309	1.3	-1.5	-0.2	1	J
2	373	21.0	21	J	3.8	56	291	0.6	-1.6	2.6	2	J
3	369	21.9	23	J	3.0	-4	348	2.0	-0.4	-0.1	2	J
4	376	25.2	20	J	2.3	46	126	-0.9	1.3	1.4	1	J
5	378	21.4	26	J	4.0	25	209	-2.9	-1.4	1.7	2	J
6	373	21.7	21	J	3.9	11	251	-1.0	-2.6	1.1	3	J
7	377	20.3	25	J	3.4	54	161	-1.8	1.2	2.4	2	J
8	372	21.9	28	J	2.0	32	140	-1.2	1.3	0.7	1	J
9	372	23.6	27	J	1.7	28	165	-1.3	0.6	0.6	1	J
10	365	20.3	26	J	1.9	-7	180	-1.4	-0.1	-0.2	1	J
11	360	16.1	40	J	3.8	17	310	1.8	-1.7	1.6	2	J
12	359	15.9	33	J	3.3	-35	259	-0.5	-2.9	-0.7	1	J
13	347	14.9	48	J	3.9	14	340	3.5	-0.9	1.3	1	J
14	338	13.8	28	J	4.2	-11	333	3.4	-1.9	-0.1	2	J
15	339	14.2	19	J	4.0	-19	305	2.1	-3.2	-0.4	1	J
16	339	14.1	17	J	4.0	-20	292	1.3	-3.5	-0.5	1	J
17	343	14.0	23	J	4.0	-14	295	1.5	-3.3	-0.3	2	J
18	345	14.4	28	J	4.6	-5	290	1.5	-4.0	0.1	2	J
19	350	15.4	33	J	5.0	28	303	2.1	-3.1	2.2	2	J
20	360	15.3	36	J	5.1	5	37	1.8	1.3	0.2	5	J
21	367	15.2	32	J	5.3	-2	283	1.1	-5.0	-0.3	2	J
22	365	16.7	34	J	4.6	-7	290	1.5	-4.0	-0.7	2	J
23	366	13.7	39	J	5.1	18	297	2.1	-4.2	1.3	2	J
24	385	9.1	51	J	6.1	35	327	4.1	-2.9	3.3	1	J
					JUL. 13, 1976							195
1	403	8.6	59	J	5.4	0	339	4.5	-1.7	-0.0	3	J
2	397	9.3	78	J	4.8	-6	346	4.4	-1.1	-0.5	1	J
3	380	9.7	52	J	4.3	-66	329	0.5	-0.3	-1.2	4	J
4	374	9.3	40	J	3.4	6	172	-3.2	0.5	0.3	1	J
5	368	11.3	37	J	2.9	23	334	0.8	-0.3	0.4	3	J
6	376	10.2	39	J	3.6	-30	334	2.6	-1.6	-1.4	1	J
7	376	10.3	34	J	3.7	-48	342	2.2	-1.3	-2.3	1	J
8	374	11.4	32	J	3.1	-42	344	2.1	-1.1	-1.7	1	J
9	365	12.1	29	J	2.9	-33	336	1.9	-1.3	-1.0	1	J
10	361	13.2	25	J	2.6	-25	300	1.0	-1.9	-0.3	1	J
11	351	15.0	26	J	2.1	-17	308	1.2	-1.6	0.0	1	J
12	351	16.9	25	J	1.6	3	12	1.2	0.3	-0.0	1	J
13	348	17.7	24	J	2.1	10	35	1.5	1.1	-0.1	1	J
14	351	17.9	27	J	2.6	35	31	1.6	1.3	0.9	1	J
15	352	18.4	24	J	2.0	30	314	1.0	-0.7	1.1	1	J
16	348	17.7	24	J	2.0	-36	325	1.1	-0.9	-0.7	1	J
17	350	17.4	20	J	2.3	-41	301	0.5	-1.0	-0.7	2	J
18	353	16.9	21	J	2.8	-14	288	0.7	-2.2	-0.3	2	J
19	352	17.6	20	J	2.0	23	279	0.3	-1.6	0.8	1	J
20	356	17.6	24	J	1.5	69	185	-0.4	-0.0	1.1	1	J
21	352	14.9	27	J	2.7	40	154	-1.7	0.8	1.6	2	J
22	346	12.9	26	J	3.5	69	199	-1.1	-0.5	3.1	1	J
23	341	12.1	29	J	4.0	51	133	-1.6	1.6	3.0	2	J
24	333	9.8	19	J	4.7	12	134	-3.1	3.2	1.1	1	J
					JUL. 14, 1976							196
1	342	11.9	21	J	4.0	-44	67	1.0	2.3	-2.3	2	J
2	343	11.7	22	J	3.6	-40	64	1.2	2.5	-2.3	1	J
3	339	12.0	18	J	3.7	-49	100	-0.4	2.2	-2.8	1	J
4	336	13.8	14	J	3.5	-48	122	-1.2	1.7	-2.7	1	J
5	337	12.8	17	J	3.2	-34	104	-0.6	2.0	-1.9	2	J
6	336	14.1	24	J	3.1	-25	156	-1.1	0.4	-0.6	3	J
7	332	12.6	17	J	4.4	-22	133	-2.5	2.2	-2.1	2	J
8	328	12.7	21	J	4.3	28	144	-3.0	2.7	1.2	1	J
9	332	12.8	19	J	4.2	22	131	-1.5	2.0	0.3	3	J
10	337	11.9	19	J	4.7	-17	101	-0.7	3.1	-2.4	3	J
11	337	13.9	28	J	3.9	3	110	-1.1	2.9	-1.0	2	J
12	336	16.1	17	J	3.2	52	83	0.2	2.5	1.5	1	J
13	332	11.9	23	J	4.1	-31	144	-2.1	0.9	-2.0	3	J
14	339	14.0	22	J	3.6	-72	102	-0.2	-0.1	-2.9	2	J
15	337	14.3	21	J	3.9	1	114	-1.6	3.4	-1.0	1	J
16	346	15.3	25	J	3.7	22	116	-1.3	3.0	0.5	2	J
17	350	15.6	23	J	3.0	14	111	-1.0	2.6	0.2	1	J
18	351	16.5	24	J	1.7	10	140	-1.1	0.9	0.1	1	J
19	343	14.8	20	J	2.5	9	282	0.5	-2.2	0.5	1	J
20	339	13.0	24	J	3.3	-3	287	0.9	-3.1	-0.1	1	J
21	339	10.7	29	J	3.4	15	336	2.6	-1.2	0.8	2	J
22	342	9.0	36	J	4.2	22	5	3.8	0.3	1.5	1	J
23	338	9.3	31	J	4.4	22	10	3.9	0.6	1.6	1	J
24	335	9.8	22	J	3.8	24	6	3.3	0.3	1.5	1	J
					JUL. 15, 1976							197
1	338	8.8	25	J	3.2	20	2	2.3	0.1	0.8	2	J
2	337	10.0	24	J	3.3	-20	341	2.3	-0.8	-3.9	2	J
3	334	9.5	21	J	3.2	-11	333	2.4	-1.2	-0.4	2	J
4	332	9.2	18	J	3.1	-22	337	2.4	-1.1	-0.9	1	J
5	331	10.6	18	J	2.3	-43	3	1.2	-0.1	-1.2	2	J
6	323	12.6	17	J	1.3	-39	83	0.1	0.6	-0.7	1	J
7	316	13.6	13	J	1.6	-7	343	1.4	-0.5	-0.1	1	J
8	323	19.0	14	J	2.0	3	329	1.6	-0.9	0.4	1	J
9	335	24.1	14	J	3.9	3	292	1.3	-2.9	1.2	2	J
10	339	21.9	16	J	4.6	-76	343	1.0	-1.8	-3.8	2	J
11	341	27.3	18	J	3.5	-33	254	-0.7	-2.8	-0.6	2	J
12	346	31.8	24	J	4.5	-13	274	0.3	-3.8	0.6	2	J
13	344	34.5	21	J	5.7	53	257	-0.8	-1.4	5.4	1	J
14	346	37.6	23	J	4.0	66	263	-0.2	-0.3	3.9	1	J
15	338	41.4	25	L								
16	344	70.9	35	L								
17	372	44.5	53	J	12.1	57	105	-0.4	2.0	2.2	12	J
18	400	16.1	105	J	13.7	36	149	-9.0	6.4	6.9	4	J
19	491	13.4	245	J	11.2	-13	141	-7.2	5.7	-2.6	6	J
20	516	11.8	291	J	12.6	-17	143	-6.1	4.5	-2.4	10	J
21	521	10.8	320	J	10.5	5	144	-7.2	5.2	0.8	6	J
22	501	12.0	202	J	12.6	-3	146	-8.4	5.7	-0.4	8	J
23	498	13.7	213	J	12.8	12	145	-9.5	6.6	2.7	5	J
24	514	13.6	261	J	10.8	-2	145	-7.9	5.6	-0.2	5	J
					JUL. 16, 1976							198
1	525	11.0	246	J	10.0	14	145	-6.8	4.8	2.1	5	J
2	532	10.7	308	J	11.1	-10	123	-5.0	7.6	-1.8	6	J
3	569	9.7	331	J	7.8	26	208	-3.6	-1.8	2.1	6	J
4	577	8.7	291	J	7.2	13	222	-3.9	-3.4	1.6	5	J
5	576	7.7	243	J	6.9	-25	211	-2.0	-1.4	-0.9	6	J
6	568	5.7	212	J	8.5	-42	126	-3.5	3.6	-6.3	2	J
7					8.0	-25	175	-5.9	-0.2	-2.8	5	J
8	573	8.2	168	L	5.4	-28	156	-2.3	0.6	-1.6	5	J
9	554	7.1	155	L	4.8	22	200	-3.5	-0.7	1.8	3	J
10	598	5.6	180	J	5.6	36	166	-3.2	1.6	1.9	4	J
11	611	5.5	211	J	6.7	53	130	-2.5	4.8	3.7	2	J
12	604	5.9	231	J	7.3	16	107	-1.8	6.1	-0.6	3	J
13	593	6.3	297	J	6.6	17	112	-1.9	5.0	-0.3	4	J
14	580	6.6	224	J	7.3	32	165	-5.3	2.5	2.7	3	J
15	575	7.3	197	J	7.0	13	213	-4.8	-2.6	2.2	4	J
16	558	7.3	135	J	7.1	14	178	-6.5	0.6	1.5	3	J
17	552	7.6	176	J	7.0	15	164	-4.5	1.5	1.0	5	J
18	542	8.2	153	J	7.7	-2	144	-5.9	4.2	-0.8	2	J
19	535	8.1	146	J	8.0	-25	155	-6.3	2.7	-3.5	2	J
20	534	7.9	179	J	7.1	-38	165	-4.8	1.2	-3.9	3	J
21	557	5.3	112	J	5.4	-18	175	-4.8	0.4	-1.6	2	J
22	560	5.2	98	J	4.7	-9	161	-4.0	1.4	-0.6	2	J
23	579	4.9	122	J	4.3	-1	112	-1.3	3.2	0.0	3	J
24	559	4.5	109	J	4.3	4	137	-2.6	2.4	0.3	2	J
					JUL. 17, 1976							199
1	547	3.9	98	J	4.8	-5	175	-4.7	0.4	-0.4	1	J
2	542	5.4	127	L								
3	537	5.8	174	J	4.3	4	148	-3.6	2.2	0.1	0	J
4	526	6.0	202	J	4.1	4	155	-3.6	1.7	0.1	1	J
5	525	5.9	153	J	3.4	-8	171	-3.2	0.4	-0.5	1	J
6	511	4.3	81	J	5.0	20	184	-4.6	0.1	1.7	1	J
7	511	4.9	109	J	5.2	16	173	-5.0	1.0	1.2	1	J
8	520	3.7	86	L								
9	516	4.6	107	L								
10	502	4.6	80	J	3.9	-7	168	-3.5	0.5	-0.7	1	J
11	498	4.4	66	J	4.5	-13	166	-4.1	0.6	-1.3	1	J
12	494	4.5	73	J	3.9	10	165	-3.6	1.2	0.2	1	J
13	492	4.2	77	J	4.2	9	170	-4.1	0.9	0.3	0	J
14	486	4.3	115	J	4.3	8	169	-4.2	1.0	0.3	0	J
15												
16	482	3.8	78	L								
17	478	4.8	92	L								
18	472	4.3	69	L								
19	475	3.9	71	L								
20	467	3.4	67	L								
21	458	3.8	77	L								
22	445	3.9	60	L								
23	446	6.3	86	L								
24	441	5.1	73	L								

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 18, 1976							200
1	439	6.1	76	L								
2	437	6.2	76	L								
3	431	6.6	67	L								
4	425	7.2	77	L								
5	422	7.3	75	L								
6	417	7.7	78	L								
7	416	8.0	75	L								
8	412	8.0	69	L								
9	414	8.2	66	L								
10	407	6.0	68	L								
11	403	7.6	61	L								
12	415	8.4	81	L								
13	415	9.2	85	L								
14												
15												
16												
17	422	10.5	80	L								
18	423	10.8	93	L								
19	420	12.6	90	L								
20	411	13.9	87	L								
21	409	14.2	94	L								
22	408	16.2	106	L								
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 22, 1976							204
1												
2												
3												
4												
5												
6												
7	364	17.4	32	L	6.9	-43	248	-1.7	-5.3	-2.8	3	J
8	369	19.3	28	J	6.9	-32	218	-4.3	-4.4	-2.1	2	J
9	362	19.0	26	J	7.7	-18	258	-1.4	-7.0	0.5	3	J
10	344	16.8	23	J	7.5	-4	282	1.4	-6.4	2.3	3	J
11	330	16.6	22	J	7.3	10	309	4.3	-4.4	3.3	2	J
12	338	13.5	26	J	6.8	9	292	2.2	-4.5	3.1	3	J
13	344	11.1	37	J	6.9	23	310	4.0	-3.3	4.4	1	J
14	353	14.8	32	J	3.5	17	317	2.3	-1.6	1.7	1	J
15	362	13.0	37	J	3.6	26	336	2.8	-0.7	1.8	1	J
16	362	12.6	42	J	3.8	3	327	2.9	-1.8	0.7	1	J
17	360	11.6	52	J	4.2	8	332	3.6	-1.7	1.0	1	J
18	358	10.9	40	J	3.9	4	317	2.6	-2.4	0.7	1	J
19	357	9.5	54	J	4.0	9	334	3.5	-1.6	0.8	1	J
20	354	9.1	51	J	3.9	7	347	3.5	-0.8	0.5	1	J
21	356	9.1	50	J	3.8	22	351	3.4	-0.5	1.4	1	J
22	353	8.8	57	J	3.6	8	333	3.1	-1.6	0.5	1	J
23	350	8.5	45	J	3.7	0	325	2.6	-1.8	0.0	1	J
24	354	9.5	34	J	3.2	15	314	2.0	-2.1	0.8	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 23, 1976							205
1	352	9.5	25	J	2.2	-12	280	0.3	-1.6	-0.3	2	J
2	351	9.6	26	J	2.0	-54	167	-0.9	0.1	-1.2	2	J
3	351	8.2	32	J	3.4	-61	302	0.6	-1.2	-1.9	3	J
4	350	8.5	39	J	3.2	-15	1	2.0	-3.0	-0.5	3	J
5	346	8.9	46	J	3.8	0	324	2.5	-1.8	0.4	2	J
6	347	10.0	41	J	3.6	52	334	1.7	-0.2	2.6	2	J
7	341	8.8	37	J	4.0	33	327	2.2	-0.8	2.0	3	J
8	351	10.8	37	J	3.3	0	247	-1.1	-2.3	0.9	2	J
9	355	12.4	34	J	2.4	-38	206	-1.2	-0.9	-0.7	2	J
10	354	13.0	30	J	2.7	-11	155	-2.1	0.7	-0.8	1	J
11	350	14.3	27	J	2.9	27	123	-1.3	2.3	0.3	1	J
12	354	15.5	29	J	2.6	0	126	-1.4	1.7	-0.8	1	J
13	358	16.6	31	J	2.6	22	15	2.1	0.9	0.6	1	J
14	356	16.9	31	J	2.7	-10	10	2.6	0.2	-0.6	0	J
15	344	14.1	27	J	3.9	-12	109	-0.9	2.2	-1.4	3	J
16	338	12.1	22	J	5.1	-31	98	-0.6	3.5	-3.7	1	J
17	333	11.6	21	J	5.9	-2	96	-0.6	5.5	-1.5	1	J
18	329	11.1	22	J	5.4	14	100	-0.9	5.3	0.4	1	J
19	325	11.8	23	J	4.4	15	114	-1.7	3.9	0.6	1	J
20	324	12.9	24	J	3.9	49	152	-1.7	1.1	2.2	2	J
21	328	12.1	24	J	4.2	-6	108	-1.2	3.8	-0.6	1	J
22	331	13.2	25	J	5.3	-4	109	-1.7	4.8	-0.4	1	J
23	332	13.9	25	J	5.5	29	109	-1.5	4.5	2.6	1	J
24	329	15.0	27	J	5.4	50	134	-2.2	2.3	3.7	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 24, 1976							206
1	331	16.5	31	J	4.7	12	102	-0.9	4.4	0.8	1	J
2	329	17.7	31	J	4.9	13	106	-1.2	4.4	0.7	2	J
3	329	18.0	31	J	4.9	18	94	-0.3	4.1	0.8	3	J
4	324	18.4	31	J	5.0	14	114	-1.9	4.4	0.5	2	J
5	326	18.2	30	J	5.6	63	118	-1.1	2.9	3.9	3	J
6	329	21.5	29	J	4.9	37	89	0.1	3.7	1.5	3	J
7	329	22.1	31	J	4.7	33	93	-0.2	4.3	1.2	1	J
8	331	24.1	30	J	4.4	70	137	-1.1	2.3	3.3	1	J
9	327	23.4	33	J	3.1	46	96	-0.2	2.0	0.9	2	J
10	319	22.9	35	J	4.0	25	147	-2.9	2.4	0.7	1	J
11	319	22.2	32	J	5.1	7	127	-2.8	3.6	-1.1	2	J
12	319	23.9	38	J	5.2	34	168	-3.7	1.8	2.0	2	J
13	313	21.4	40	J	5.5	11	168	-4.9	1.4	0.5	2	J
14	310	21.3	35	J	5.6	-6	141	-3.9	2.7	-1.7	2	J
15	318	24.7	31	J	7.5	-8	121	-3.7	5.5	-3.1	2	J
16	314	23.7	30	J	7.0	-1	112	-2.5	5.8	-1.9	2	J
17	313	21.9	28	J	6.8	14	114	-2.4	5.7	0.1	3	J
18	313	23.6	28	J	6.2	26	119	-2.6	5.0	1.7	2	J
19	315	20.7	29	J	6.6	30	135	-3.5	3.8	2.4	3	J
20	327	14.1	39	J	8.0	-40	91	-0.1	5.6	-5.6	2	J
21	336	14.3	42	J	8.1	-23	103	-1.4	6.1	-3.0	4	J
22	335	12.5	61	J	7.1	23	154	-5.4	2.7	2.5	3	J
23	352	11.2	101	J	4.9	-26	121	-1.6	2.7	-1.6	3	J
24	356	9.2	70	J	6.3	30	147	-4.2	2.8	2.8	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 25, 1976							207
1	373	11.6	66	J	7.0	-39	93	-0.1	2.7	-2.4	6	J
2	381	13.6	61	J	7.1	-66	60	1.2	1.7	-5.6	4	J
3	375	13.2	78	J	7.0	-16	118	-3.0	5.3	-2.5	2	J
4	370	12.5	62	J	6.9	16	129	-4.0	5.2	1.0	2	J
5	367	13.9	60	J	5.4	-2	116	-2.1	4.1	-1.1	3	J
6	377	14.9	58	J	3.9	-73	313	0.3	-0.6	-1.2	4	J
7	385	13.3	65	J	3.2	-1	156	-1.8	0.6	-0.3	3	J
8	393	11.6	61	J	4.2	-4	58	1.6	2.3	-1.1	3	J
9	389	11.7	57	J	4.6	3	68	1.5	3.6	-1.3	2	J
10	389	11.6	58	J	4.9	18	113	-1.6	4.0	-0.4	3	J
11	398	11.4	62	J	4.6	-12	84	0.4	3.1	-2.4	2	J
12	393	9.8	79	J	4.7	-4	134	-2.1	1.9	-1.2	4	J
13	386	9.2	79	J	5.0	10	173	-4.7	0.9	0.5	1	J
14	394	9.6	86	J	4.9	-12	126	-2.5	2.8	-2.2	2	J
15	394	9.3	95	J	4.4	-25	142	-3.0	1.6	-2.5	1	J
16	376	7.9	75	J	4.5	-8	182	-4.0	-0.3	-0.5	2	J
17	371	8.1	51	J	5.0	-13	159	-4.4	1.4	-1.5	1	J
18	366	7.1	46	J	4.5	1	172	-4.3	0.6	-0.0	1	J
19	372	7.6	54	J	3.9	-23	175	-3.5	0.1	-1.5	1	J
20	369	8.1	46	J	3.3	-23	164	-2.7	0.7	-1.2	1	J
21	370	8.6	46	J	3.7	-6	162	-3.3	1.1	-0.4	1	J
22	377	9.3	42	J	3.4	-41	137	-1.5	1.4	-1.9	2	J
23	374	9.5	34	J	4.9	-60	111	-0.7	1.8	-3.5	3	J
24	362	9.9	45	J	5.4	-22	152	-4.0	2.1	-1.9	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 26, 1976							208
1	363	10.2	48	J	5.4	-41	167	-2.1	0.4	-1.9	5	J
2	362	10.1	50	J	5.1	11	132	-3.0	3.3	0.6	2	J
3	357	9.5	53	J	5.4	-1	155	-4.5	2.1	-0.4	2	J
4	353	9.1	52	J	5.2	8	160	-4.7	1.8	0.4	2	J
5	346	8.0	40	J	5.0	10	181	-4.8	0.1	0.8	1	J
6	341	6.8	36	J	4.5	4	181	-4.4	0.0	0.3	1	J
7	337	6.3	28	J	4.5	11	183	-4.2	0.1	0.8	1	J
8	336	6.6	22	J	5.0	15	178	-4.6	0.6	1.1	1	J
9	332	7.7	22	J	5.0	13	181	-4.7	0.4	1.0	1	J
10	332	7.7	22	J	4.7	9	174	-4.5	0.7	0.5	1	J
11	330	6.8	26	J	3.9	11	173	-3.6	0.7	0.4	1	J
12	333	7.9	27	J	4.1	4	156	-3.6	1.6	-0.5	1	J
13	339	8.8	39	J	4.2	6	140	-3.1	2.6	-0.7	1	J
14	342	9.2	41	J	4.5	15	133	-3.0	3.4	-0.2	1	J
15	343	10.1	43	J	5.1	13	134	-3.5	3.7	-0.2	1	J
16	341	11.1	33	J	5.0	3	133	-3.3	3.4	-0.8	1	J
17	350	11.0	38	J	4.5	-10	110	-1.5	3.8	-1.8	1	J
18	352	10.1	34	J	5.6	-33	103	-1.0	3.8	-3.8	1	J
19	344	11.3	35	J	5.5	-29	117	-2.1	3.8	-3.2	1	J
20	342	16.0	36	J	6.9	11	126	-3.8	5.3	0.8	2	J
21	342	17.6	36	J	6.5	4	125	-3.5	5.0	0.1	2	J
22	348	16.7	34	J	6.4	-15	110	-2.0	5.6	-1.8	2	J
23	344	15.2	33	J	7.5	14	134	-4.6	4.9	1.5	3	J
24	342	18.1	40	J	6.9	11	131	-4.2	4.9	1.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 27, 1976							209
1	342	21.6	39	J	5.6	-5	127	-3.1	4.0	-0.7	2	J
2	343	17.8	44	J	6.7	34	160	-5.0	2.1	3.4	2	J
3	334	18.5	26	J	5.1	-2	132	-2.7	3.0	-0.5	3	J
4	336	16.6	24	J	4.5	-30	92	-0.1	2.7	-2.3	3	J
5	354	13.5	47	J	5.4	27	195	-4.4	-0.6	2.5	2	J
6	363	13.9	42	J	6.5	34	164	-5.1	2.4	3.0	1	J
7	361	12.5	48	J	6.3	29	179	-5.4	1.1	2.8	2	J
8	357	11.2	47	J	5.9	6	143	-4.1	3.1	-0.6	3	J
9	367	11.6	51	J	4.8	0	146	-2.9	1.8	-0.8	3	J
10	392	13.7	62	J	4.2	-46	45	1.6	0.4	-2.8	3	J
11	414	14.6	67	J	3.7	-32	92	-0.1	1.8	-2.9	2	J
12	422	15.4	70	J	3.6	0	30	2.8	1.4	-0.7	2	J
13	419	14.6	64	J	2.6	-12	144	-1.7	0.9	-0.9	2	J
14	413	15.0	60	J	4.0	5	133	-1.6	1.7	-0.5	3	J
15	395	16.0	56	J	5.3	9	144	-4.0	3.0	-0.3	2	J
16	390	16.8	60	J	5.9	13	158	-5.2	2.4	0.6	1	J
17	389	19.8	49	J	5.4	9	153	-4.4	2.4	0.2	2	J
18	387	19.0	53	J	6.0	29	174	-5.1	1.1	2.7	1	J
19	386	22.3	67	J	6.1	12	166	-5.6	1.6	1.0	2	J
20	398	25.2	42	J	6.9	-60	32	2.1	0.9	-4.4	5	J
21	396	21.9	51	J	9.4	-6	115	-2.6	5.4	-1.0	7	J
22	403	22.6	57	J	9.1	-14	99	-1.3	8.4	-2.5	2	J
23	405	23.5	59	J	9.3	19	138	-5.8	5.3	2.5	4	J
24	415	13.5	51	J	11.7	-29	143	-8.0	5.8	-5.8	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 28, 1976							210
1	445	12.6	90	J	12.1	-17	139	-8.5	7.2	-3.9	3	J
2	450	10.1	86	J	12.8	6	138	-9.3	8.5	0.5	2	J
3	472	9.5	170	J	12.1	24	131	-7.1	8.7	3.6	3	J
4	490	9.6	173	J	11.3	40	125	-4.9	8.2	5.7	2	J
5	514	9.8	227	J	9.3	15	130	-5.0	6.2	0.6	5	J
6	511	8.0	141	J	10.4	-13	125	-5.5	6.9	-4.3	3	J
7	498	7.4	158	J	10.9	-5	123	-5.6	7.9	-3.7	3	J
8	519	8.5	259	J	10.2	3	121	-4.6	7.2	-2.4	5	J
9	562	9.7	268	J	8.8	-37	191	-2.4	-1.2	-1.5	8	J
10	560	6.6	250	J	9.5	10	107	-2.4	7.8	-2.1	4	J
11	573	6.8	212	J	6.3	16	122	-2.6	4.4	-0.6	4	J
12	577	6.8	213	J	5.0	9	116	-0.7	1.5	-0.4	5	J
13	572	6.0	184	J	6.4	-14	149	-1.5	0.6	-0.8	6	J
14	574	5.5	188	J	6.8	22	172	-5.1	1.5	1.6	4	J
15	602	6.4	255	J	6.3	36	179	-4.0	1.1	2.7	4	J
16	603	6.6	279	J	5.6	-7	125	-2.4	3.1	-1.6	4	J
17	603	6.5	214	J	6.5	34	105	-1.2	5.2	1.9	3	J
18	609	6.1	215	J	6.9	-29	71	1.5	3.6	-3.3	5	J
19	597	6.6	217	J	7.4	17	107	-1.8	6.1	1.0	4	J
20	615	6.3	204	J	7.5	8	108	-2.0	6.1	0.3	4	J
21	615	5.9	196	J	5.9	-13	129	-2.8	3.3	-1.2	4	J
22	614	6.0	169	J	6.0	16	136	-3.1	3.1	1.1	4	J
23	603	6.1	163	J	5.9	31	158	-4.2	1.8	2.7	3	J
24	611	6.3	172	J	5.1	21	153	-3.2	1.7	1.3	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 29, 1976							211
1	623	6.7	183	J	5.4	-9	166	-2.9	3.7	-0.5	4	J
2	634	7.0	210	J	5.8	-61	166	-1.4	0.1	-2.6	5	J
3	637	5.5	194	J	6.3	-10	113	-2.2	4.9	-1.7	3	J
4	639	3.9	190	J	5.3	-1	136	-2.9	2.7	-0.6	3	J
5	640	4.0	180	J	5.2	19	153	-3.6	2.1	0.9	3	J
6	653	4.5	206	L								
7	675	4.0	222	L	4.4	31	90	0.0	3.9	0.8	2	J
8	636	4.1	162	J	4.2	-12	148	-3.0	1.4	-1.4	2	J
9	648	3.8	168	L								
10	668	3.7	169	L								
11	644	3.8	134	J	4.6	1	107	-1.0	2.9	-1.4	3	J
12	640	4.2	141	J	4.6	-9	140	-1.1	3.7	-0.6	4	J
13	638	4.5	138	J	4.4	-71	160	-1.3	-1.3	-3.9	1	J
14	615	5.2	155	L								
15	618	4.6	138	L								
16	628	4.1	144	L								
17	626	4.7	164	L								
18	654	4.5	157	L								
19	632	5.1	165	L	3.5	-9	158	-2.6	1.0	-0.6	2	J
20	626	4.9	95	J	4.2	11	141	-3.1	2.5	0.5	1	J
21	632	5.2	152	J	4.2	-4	113	-1.4	3.3	-0.5	2	J
22	650	5.1	137	J	4.9	-2	86	0.3	4.7	-0.4	1	J
23	611	5.6	141	J	4.5	-7	158	-2.1	0.8	-0.3	4	J
24	614	5.5	133	L	4.9	15	204	-4.1	-1.8	1.3	2	J
					JUL. 30, 1976							212
1	622	4.1	103	J	4.4	23	125	-2.0	2.9	1.2	2	J
2	632	4.1	158	J	4.5	18	113	-1.5	3.7	0.9	2	J
3	632	3.7	151	L								
4	636	3.8	138	L								
5	619	3.6	150	L								
6	634	4.3	157	L								
7	622	4.0	181	L								
8	619	4.5	138	J								
9	603	5.1	148	J								
10	615	4.7	178	L								
11	628	4.8	166	L								
12												
13												
14	622	6.1	222	L								
15	606	6.0	217	L								
16	614	5.5	211	L								
17	635	5.0	196	L								
18	648	4.6	208	L								
19	657	4.1	193	L								
20	635	4.1	146	L								
21	646	4.4	156	L								
22	613	3.8	110	L								
23	618	2.8	106	L								
24	647	3.0	129	L								
					JUL. 31, 1976							213
1	644	3.4	129	L								
2	630	3.4	149	L								
3	614	3.9	157	L								
4												
5												
6												
7												
8												
9												
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15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 3, 1976							216
19	416	8.1	72	L								
20	410	7.1	41	J	3.0	-65	192	-1.2	-0.6	-2.5	1	J
21	409	6.4	41	J	3.0	-12	253	-0.7	-2.5	-0.3	1	J
22	409	5.7	43	J	1.4	12	247	-0.1	-0.3	0.1	1	J
23	391	6.7	39	J	2.6	6	114	-0.8	1.7	0.1	2	J
24	388	7.2	32	J	3.5	1	120	-1.4	2.4	-1.2	2	J
					AUG. 4, 1976							217
1	383	9.9	26	J	2.7	-10	128	-1.6	2.0	-0.7	1	J
2	385	12.0	23	J	2.5	-11	140	-1.7	1.4	-0.6	1	J
3												
4												
5	364	18.6	23	J	2.0	-37	143	-1.1	0.5	-1.2	1	J
6	364	18.8	23	J	2.4	-20	104	-0.4	1.4	-1.2	2	J
7	358	17.1	27	J	3.4	-15	127	-1.7	1.9	-1.6	2	J
8	352	18.1	21	J	3.8	-6	139	-2.6	1.9	-1.3	2	J
9	351	19.4	20	J	3.5	38	168	-2.3	1.3	1.4	2	J
10	358	19.3	22	J	4.5	18	127	-2.1	3.0	-0.3	2	J
11	370	16.9	31	J	5.6	26	132	-2.6	3.5	0.3	3	J
12	374	16.3	38	J	4.2	12	96	-0.3	2.5	-0.7	3	J
13	375	13.6	46	J	4.5	-3	105	-1.0	3.2	-1.9	2	J
14	372	13.7	54	J	4.2	18	123	-1.7	2.8	-0.2	2	J
15	367	13.1	52	J	3.9	28	151	-2.6	2.0	0.9	2	J
16	366	15.0	48	J	5.8	27	149	-4.3	3.3	1.5	2	J
17	364	16.9	46	J	5.3	2	140	-3.8	3.1	-0.8	2	J
18	362	17.8	43	J	4.4	11	195	-4.0	-0.8	1.0	1	J
19	368	15.2	36	J	5.2	20	196	-4.6	-1.0	2.0	1	J
20	371	16.3	30	J	4.7	42	196	-3.1	-0.5	3.0	2	J
21	365	14.2	30	J	4.6	60	178	-2.2	0.5	3.9	0	J
22	366	14.1	37	J	6.3	37	211	-4.2	-2.2	3.9	2	J
23	386	14.4	55	J	7.4	33	122	-1.3	2.3	1.5	7	J
24	405	12.0	70	J	6.0	41	202	-3.4	-1.1	3.3	4	J
					AUG. 5, 1976							218
1	412	12.5	82	J	6.0	22	198	-4.9	-1.4	2.3	2	J
2	412	11.8	87	J	4.9	25	158	-3.0	1.4	1.3	3	J
3	409	10.1	81	J	5.6	13	183	-5.0	-0.0	1.2	2	J
4	406	9.6	68	J	5.8	4	185	-5.6	-0.4	0.5	1	J
5	403	9.0	68	J	6.0	2	191	-5.8	-1.0	0.5	1	J
6	400	8.5	61	J	5.5	6	222	-3.9	-3.2	1.7	1	J
7	398	7.9	65	J	5.0	-5	204	-4.2	-1.9	0.3	2	J
8	397	8.3	74	J	5.1	-5	197	-4.8	-1.5	0.2	1	J
9	402	8.2	70	J	5.8	1	192	-5.5	-1.0	0.6	1	J
10	406	8.1	70	J	5.8	2	192	-5.6	-1.0	0.7	1	J
11	411	8.4	65	J	5.2	10	175	-5.0	0.8	0.6	1	J
12	407	12.3	60	J	5.7	21	139	-3.3	3.3	0.1	3	J
13	405	11.6	65	J	5.6	-5	77	1.0	3.6	-2.3	3	J
14	394	9.6	62	J	6.6	30	160	-5.0	3.0	2.0	2	J
15	384	11.1	67	J	7.0	23	144	-4.9	4.3	0.9	2	J
16	389	8.4	71	J	6.8	-20	116	-2.4	3.9	-3.6	4	J
17	431	9.8	82	J	5.5	-38	62	1.5	1.9	-3.2	4	J
18	455	9.7	78	J	4.2	-29	7	3.0	-0.1	-1.7	2	J
19	454	8.5	82	J	4.4	-6	34	2.6	1.6	-0.7	3	J
20	464	5.8	113	J	3.6	16	134	-2.1	2.3	0.5	2	J
21	459	6.0	117	J	2.3	-13	88	0.0	1.0	-0.4	2	J
22	466	6.1	110	J	4.0	19	182	-3.4	-0.0	1.2	2	J
23	466	5.8	110	J	3.9	15	175	-2.9	0.3	0.8	3	J
24	462	5.0	96	J	4.7	37	173	-3.5	0.7	2.6	2	J
					AUG. 6, 1976							219
1	458	4.5	67	J	4.4	0	161	-4.0	1.4	-0.2	1	J
2	470	4.2	117	J	4.1	-20	144	-3.1	2.0	-1.7	0	J
3	460	4.1	93	J	3.6	-30	152	-2.3	0.9	-1.7	2	J
4	458	4.4	83	J	3.1	-9	143	-2.2	1.5	-0.8	1	J
5	450	4.4	67	J	3.6	-4	126	-1.6	2.1	-0.8	2	J
6	448	4.1	90	J	3.3	-11	141	-2.2	1.5	-1.1	2	J
7	468	4.2	67	J	3.7	-4	132	-0.7	3.1	-1.5	1	J
8	466	4.3	72	J	3.1	4	136	-1.9	1.8	-0.6	2	J
9	446	5.0	75	J	3.5	-1	163	-3.1	0.8	-0.5	1	J
10	449	4.0	80	L	3.9	6	223	-1.7	-1.3	1.0	3	J
11	436	5.1	132	J	4.0	4	156	-3.1	1.3	-0.5	2	J
12	431	4.8	108	J	4.2	8	149	-3.6	2.2	-0.5	0	J
13	426	5.4	66	J	4.0	-3	166	-3.7	0.7	-0.6	1	J
14	410	8.0	51	J	3.4	1	170	-3.2	0.5	-0.2	1	J
15	416	4.9	41	J	3.5	13	163	-3.0	1.1	0.3	1	J
16	402	7.7	44	J	2.4	6	152	-1.5	0.8	-0.1	2	J
17	398	7.7	37	J	2.4	-8	133	-1.2	1.2	-0.6	2	J
18	389	8.2	35	J	2.4	-11	182	-2.3	-0.2	-0.4	1	J
19	381	9.9	32	J	1.4	-12	178	-1.2	-0.0	-0.3	1	J
20	368	9.8	29	J	2.2	14	155	-1.8	0.9	0.4	1	J
21	368	11.8	22	J	2.0	-72	161	-0.2	-0.0	-0.6	2	J
22	366	12.0	19	J	2.1	-5	304	0.8	-1.2	-0.0	1	J
23	390	7.9	27	J	3.7	28	150	-2.5	1.6	1.4	2	J
24	385	6.3	43	J	3.8	22	119	-1.5	2.8	1.0	2	J
					AUG. 7, 1976							220
1	382	6.9	44	J	3.8	11	123	-2.0	3.1	0.3	1	J
2	386	7.8	61	J	3.7	6	141	-2.8	2.3	0.0	1	J
3	389	8.3	50	J	3.4	-3	132	-2.2	2.4	-0.6	1	J
4	387	8.5	44	J	3.7	-10	116	-1.5	2.9	-1.3	1	J
5	377	8.4	46	J	4.4	22	184	-3.9	0.2	1.6	1	J
6	376	9.3	47	J	4.3	16	183	-3.9	0.2	1.1	1	J
7	377	11.8	78	J	4.4	-5	163	-4.1	1.0	-0.8	1	J
8	382	10.4	54	L	3.3	-41	178	-2.0	-0.7	-1.6	2	J
9	388	10.6	51	L								
10	376	9.4	43	L								
11	372	8.4	27	L	3.1	-31	165	-1.3	-0.1	-0.9	3	J
12	369	11.1	21	J	3.6	-55	109	-0.6	0.2	-3.0	2	J
13	372	11.6	22	J	4.3	-58	42	1.6	-0.4	-3.7	1	J
14	371	12.4	25	J	4.3	-72	45	0.5	-0.5	-2.1	4	J
15	368	11.4	30	J	3.5	45	176	-2.3	1.1	2.1	1	J
16	374	11.9	29	J	3.3	48	184	-2.1	0.7	2.3	1	J
17	372	13.5	40	J	2.9	52	206	-1.2	-0.0	1.7	2	J
18	371	13.7	32	J	3.5	67	228	-0.4	-0.1	1.5	3	J
19	370	14.2	32	J	4.9	2	111	-1.6	4.2	-0.7	1	J
20	370	15.0	34	J	4.4	-37	72	1.0	2.6	-2.9	2	J
21	368	13.7	38	J	3.9	-39	90	0.0	2.1	-2.2	3	J
22	365	11.8	46	J	3.8	6	130	-1.6	1.9	0.1	3	J
23	372	11.2	40	J	3.6	-18	57	1.7	2.4	-1.2	2	J
24	371	10.9	44	J	3.1	17	79	0.4	2.0	0.4	2	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
					AUG. 8, 1976							221
1	366	11.1	46	J	3.2	-9	70	0.6	1.6	-0.5	3	J
2	367	11.5	38	J	3.5	-4	84	0.3	3.1	-0.7	1	J
3	361	11.8	50	J	3.8	-9	141	-2.5	1.9	-0.9	2	J
4	365	13.4	41	J	4.5	-62	186	-1.9	-1.0	-3.4	2	J
5	359	15.1	57	J	4.9	-18	182	-4.5	-0.6	-1.3	2	J
6	354	13.6	50	J	4.6	16	192	-4.1	-0.4	1.4	1	J
7	352	13.8	54	J	4.4	14	193	-4.1	-0.5	1.3	1	J
8	352	12.5	44	J	4.4	28	201	-3.4	-0.4	2.3	1	J
9	352	11.8	41	J	4.3	22	205	-3.5	-0.7	2.1	1	J
10	340	10.2	30	J	4.6	13	177	-4.3	0.7	0.8	1	J
11	346	9.2	43	J	4.6	14	178	-4.5	0.7	0.9	0	J
12	341	9.5	31	L								
13	336	8.4	29	J	4.6	6	189	-4.4	-0.4	0.7	1	J
14	341	8.1	52	J	4.5	6	170	-4.2	0.9	0.1	1	J
15	342	8.2	46	J	4.3	6	160	-3.9	1.5	-0.2	1	J
16	341	9.3	40	J	4.9	8	168	-4.7	1.2	0.3	1	J
17	351	14.1	63	J	6.8	6	159	-6.1	2.5	-0.1	2	J
18	372	15.2	47	J	5.9	-11	85	0.4	3.8	-1.9	4	J
19	378	13.7	39	J	6.4	-24	24	4.0	1.3	-2.3	4	J
20	375	11.4	56	J	5.5	15	142	-4.0	3.3	0.8	2	J
21	373	11.5	54	J	3.9	18	151	-3.2	1.9	0.9	1	J
22	363	10.4	54	J	3.3	-25	149	-2.3	1.2	-1.4	2	J
23	360	9.2	46	J	3.6	-37	127	-1.5	1.8	-2.1	2	J
24	355	9.7	34	J	3.8	-18	118	-1.7	3.0	-1.5	1	J
					AUG. 9, 1976							222
1	369	17.5	37	J	5.0	-3	131	-3.2	3.6	-0.7	1	J
2	387	14.6	63	J	7.5	28	194	-6.0	-1.0	3.5	3	J
3	377	13.7	45	J	6.8	26	181	-6.1	0.5	2.9	1	J
4	377	14.8	50	J	6.6	25	180	-5.7	0.7	2.6	2	J
5	396	16.2	71	J	8.1	14	146	-5.5	4.0	0.5	4	J
6	418	13.6	63	J	10.0	-24	104	-1.5	4.7	-4.6	7	J
7	424	13.7	67	J	10.1	-17	99	-1.4	7.2	-6.0	3	J
8	437	12.0	94	J	9.4	-19	113	-3.2	5.7	-5.9	3	J
9	477	10.1	174	J	7.0	14	163	-4.8	1.9	0.4	5	J
10	485	10.6	151	J	6.4	32	190	-5.0	0.6	3.2	2	J
11	487	8.9	145	J	7.6	18	170	-6.5	2.2	1.3	3	J
12	490	8.2	108	J	8.0	-22	133	-4.9	3.1	-5.1	2	J
13	492	8.0	102	J	8.2	-2	145	-6.3	3.7	-2.4	3	J
14	493	6.6	91	J	8.2	16	147	-6.5	4.8	0.1	2	J
15	493	6.5	77	J	7.6	12	152	-6.5	3.8	-0.0	1	J
16	495	4.6	58	J	6.5	10	176	-6.3	0.8	0.9	1	J
17	496	5.0	49	J	6.4	9	174	-6.2	0.9	0.7	1	J
18	495	4.3	48	J	6.5	14	179	-6.2	0.5	1.5	1	J
19	491	6.6	67	J	7.4	16	173	-7.1	1.3	1.8	1	J
20	486	6.6	67	J	8.1	16	166	-7.4	2.2	2.1	1	J
21	487	6.2	66	J	8.1	30	172	-6.9	1.5	3.8	1	J
22	492	7.7	103	J	6.3	-7	122	-2.9	4.5	-1.2	3	J
23	494	7.8	101	J	5.6	-1	113	-2.0	4.6	-0.6	2	J
24	493	6.9	89	J	5.7	-2	92	-0.2	5.1	-0.8	2	J
					AUG. 10, 1976							223
1	493	7.2	78	J	5.9	-7	84	0.5	5.0	-1.3	3	J
2	498	7.1	92	J	6.6	-20	76	1.4	5.2	-3.0	3	J
3	487	6.9	89	J	7.5	17	131	-3.8	4.6	0.8	5	J
4	514	7.6	97	J	6.7	-15	59	3.0	4.4	-2.7	3	J
5	497	5.9	84	J	5.8	25	106	-1.4	5.3	0.8	2	J
6	496	6.9	94	J	5.7	43	126	-2.1	4.0	2.2	3	J
7	489	7.2	107	J	5.7	49	145	-2.9	3.5	3.0	2	J
8	476	6.7	91	J	5.8	44	197	-3.8	0.6	3.9	2	J
9	464	5.2	101	J	6.5	37	190	-4.9	1.0	3.7	2	J
10	477	5.4	99	J	5.5	-37	98	-0.3	1.2	-2.6	5	J
11	497	4.3	49	J	3.0	-43	66	0.7	0.6	-2.2	2	J
12												
13					2.4	-49	46	0.9	0.1	-1.8	2	J
14					2.6	-42	43	1.3	0.3	-1.9	1	J
15	492	4.3	45	L	2.5	-48	76	0.4	0.6	-2.1	1	J
16												
17	484	3.7	57	L								
18	476	3.7	53	L								
19	463	3.5	44	J	2.9	-9	86	0.2	2.0	-0.8	2	J
20	472	4.0	62	J	2.9	-8	54	1.2	1.6	-0.6	2	J
21	473	3.9	56	J	3.2	-22	41	2.1	1.7	-1.4	1	J
22	475	3.5	46	J	3.5	-25	22	2.9	1.0	-1.6	1	J
23	477	4.0	58	J	3.1	-24	39	2.1	1.5	-1.4	1	J
24	454	3.6	55	L	2.9	-39	72	0.4	1.1	-1.1	2	J
					AUG. 11, 1976							224
1	454	3.6	52	L	2.8	-27	84	0.2	2.0	-1.4	1	J
2	454	3.8	42	J	3.1	-23	36	2.2	1.4	-1.4	1	J
3	440	3.8	47	J	3.1	-20	61	1.1	1.8	-1.3	2	J
4	437	3.2	50	L								
5	438	3.5	44	L								
6	423	3.5	37	J	3.2	-40	67	0.9	1.3	-2.5	1	J
7	416	3.8	35	J	3.5	-31	83	0.3	1.9	-2.7	1	J
8	412	3.9	29	J	3.6	1	102	-0.7	2.9	-1.4	1	J
9	407	3.8	26	J	3.5	1	101	-0.6	2.9	-1.5	1	J
10	370	4.0	48	J								
11	392	3.4	42	J								
12	329	6.0	104	J								
13	395	3.6	45	L								
14												
15												
16	384	2.4	45	L								
17	380	2.6	41	L								
18	377	2.9	39	L								
19	377	2.3	43	L								
20	395	4.8	19	L								
21	397	3.9	43	L								
22	397	4.0	42	L								
23	391	4.1	46	L								
24	392	3.6	58	L								
					AUG. 12, 1976							225
1	385	3.4	42	L								
2	378	3.3	33	L								
3	369	3.7	34	L								
4	357	4.1	17	L								
5	340	4.2	15	L								
6	330	4.8	16	L								
7	329	4.8	15	L								
8	330	4.5	13	L								
9	320	6.3	13	L								
10	320	4.9	11	L								
11	301	4.6	11	L								
12	310	3.6	10	L								
13	303	6.1	11	L								
14												
15	310	8.7	12	L								
16	313	9.8	8	L								
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 16, 1976							229
1	321	11.3	21	J								
2	325	10.0	21	J								
3	324	10.6	20	J								
4	335	11.4	13	J	4.3	-10	90	0.0	3.7	-1.8	1	J
5	327	10.5	20	J	4.5	1	124	-2.1	3.0	-0.9	2	J
6	321	9.4	34	J	4.8	22	172	-4.1	1.2	1.4	1	J
7	324	8.9	33	J	4.6	7	161	-3.9	1.4	-0.1	1	J
8	326	10.3	30	J	5.2	12	158	-4.4	2.0	0.1	2	J
9	327	11.3	31	J	5.5	26	173	-4.6	1.6	1.7	1	J
10	330	11.0	28	J	5.4	2	149	-4.3	2.3	-1.2	2	J
11	356	14.5	22	J	4.3	-37	75	0.9	1.5	-3.8	1	J
12	351	14.5	32	J	5.5	-3	115	-1.9	3.4	-2.4	3	J
13	343	13.8	24	J	6.6	6	132	-4.1	4.3	-1.7	2	J
14	356	16.1	31	J	6.2	-35	111	-1.7	2.3	-5.1	2	J
15	358	18.4	36	J	5.8	53	134	-2.0	3.6	2.5	4	J
16	367	19.5	37	J	5.2	17	149	-1.6	1.1	0.1	5	J
17	362	17.8	47	J	5.4	-10	126	-2.9	3.4	-2.2	2	J
18	360	23.6	33	J	3.4	-63	222	-0.1	-0.2	-0.3	4	J
19	345	20.0	35	J	5.4	23	338	4.5	-1.3	2.5	1	J
20	345	16.8	26	J	5.9	44	354	4.0	0.3	3.9	2	J
21	345	15.0	26	J	5.7	40	23	2.1	1.2	1.8	5	J
22	350	12.1	25	J	7.1	-30	285	1.5	-5.9	-2.5	3	J
23	359	10.1	68	J	8.2	4	330	6.6	-3.7	1.0	3	J
24	369	8.1	82	J	7.9	-7	312	5.0	-5.7	-0.1	2	J
					AUG. 17, 1976							230
1	392	8.6	80	J	6.8	-13	285	1.4	-5.4	-0.4	4	J
2	399	9.4	93	J	7.2	4	334	3.0	-4.2	1.2	5	J
3	396	7.2	88	J	6.9	15	350	6.5	-0.7	2.0	1	J
4	390	7.0	102	J	7.5	-5	320	4.9	-4.1	0.6	4	J
5	393	6.6	74	J	7.7	13	351	7.1	-3.5	1.9	2	J
6	387	7.3	71	J	6.9	16	341	6.1	-1.3	2.5	2	J
7	379	6.8	78	J	6.7	14	349	6.3	-0.4	2.0	1	J
8	371	6.4	71	J	6.7	22	322	4.7	-2.2	3.9	1	J
9	372	7.2	106	J	6.2	18	322	4.6	-2.2	3.4	1	J
10	378	6.0	84	J	5.3	-5	312	3.4	-3.5	1.5	1	J
11	382	5.3	84	J	5.5	-8	315	3.7	-3.6	1.3	1	J
12	383	5.0	79	J	5.7	-3	313	3.8	-3.7	1.9	1	J
13	386	4.6	80	J	5.5	-1	312	3.7	-3.6	2.0	1	J
14	380	4.6	80	J	5.8	7	317	4.1	-3.1	2.5	1	J
15	363	7.8	57	J	4.5	-27	306	2.1	-3.4	-0.3	2	J
16	360	8.5	47	J	4.2	-8	336	3.5	-1.7	0.1	2	J
17	344	10.0	33	J	4.8	-39	307	2.1	-3.6	-1.7	2	J
18	342	13.8	28	J	4.8	-8	323	3.4	-2.6	0.2	2	J
19	355	17.1	35	J	5.6	3	317	3.9	-3.4	1.2	2	J
20	355	15.7	29	J	6.5	31	342	4.4	-0.8	3.0	4	J
21	359	13.5	26	J	7.3	24	353	6.3	-0.3	2.9	2	J
22	351	13.5	34	J	7.7	13	346	7.2	-1.5	2.0	2	J
23	348	16.4	37	J	6.6	0	325	4.6	-3.2	0.4	4	J
24	368	10.4	63	J	5.3	4	326	3.8	-2.5	0.7	3	J
					AUG. 18, 1976							231
1	355	10.0	65	J	2.9	-22	293	1.0	-2.4	-0.6	1	J
2	352	10.1	65	J	5.2	-1	303	2.7	-4.0	0.7	2	J
3	361	11.7	75	J	5.2	11	344	4.6	-1.1	1.2	2	J
4	391	8.7	48	J	7.6	18	354	7.1	-0.1	2.4	1	J
5	394	9.4	49	J	8.2	19	6	7.7	1.6	2.3	0	J
6	389	9.1	72	J	6.3	3	346	6.0	-1.3	0.9	1	J
7	387	10.3	81	J	6.4	4	334	5.6	-2.3	1.6	1	J
8	389	9.9	92	J	6.8	4	322	5.3	-3.4	2.3	1	J
9	383	9.8	101	J	6.7	20	332	5.3	-1.4	3.3	2	J
10	383	9.7	49	J	6.8	1	308	4.1	-4.4	2.6	2	J
11	364	15.4	21	J	5.2	-13	285	1.3	-4.7	1.5	1	J
12	364	20.1	17	J	2.6	-5	308	1.5	-1.7	0.8	1	J
13	373	18.7	17	J	2.2	2	323	1.5	-1.0	0.6	1	J
14	373	12.7	24	J	3.6	0	337	3.1	-1.2	0.6	2	J
15	367	12.0	19	J	3.2	-8	337	2.7	-1.2	0.1	1	J
16	366	13.4	14	J	2.4	7	295	1.0	-1.9	1.1	0	J
17	364	14.5	13	J	2.6	10	321	1.8	-1.2	0.9	1	J
18	364	11.6	15	J	3.7	13	1	3.6	0.3	0.8	1	J
19	364	8.6	20	J	3.9	1	350	3.7	-0.6	0.2	1	J
20	356	14.1	18	J	4.1	15	15	3.6	1.2	0.8	1	J
21	362	13.2	24	J	5.1	1	331	3.9	-2.1	0.5	3	J
22	367	15.7	22	J	4.9	-11	303	2.4	-3.8	-0.3	2	J
23	357	19.1	22	J	4.2	23	326	2.8	-1.7	1.7	2	J
24	347	19.9	21	J	4.1	15	313	2.6	-2.6	1.4	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 19, 1976							232
1	346	18.3	20	J	4.9	14	335	4.3	-1.8	1.5	1	J
2	339	19.7	23	J	2.7	-4	359	2.5	-0.1	-0.2	1	J
3	345	23.5	22	J	2.2	15	134	-0.2	0.2	0.0	2	J
4	361	23.5	21	J	2.1	-20	123	-0.7	0.9	-0.7	2	J
5	359	20.6	19	J	2.7	23	151	-0.4	0.3	0.1	3	J
6	359	14.2	27	J	4.3	18	285	0.8	-2.3	2.0	3	J
7	360	14.1	32	J	3.6	-54	2	0.8	-0.5	-1.0	4	J
8	359	13.9	35	J	3.3	-52	69	0.7	0.5	-3.2	1	J
9	384	9.4	53	J	5.2	-4	248	-1.6	-4.1	1.9	2	J
10	392	11.6	65	J	3.9	-29	239	-1.2	-2.4	-0.1	3	J
11	395	11.5	67	J	3.5	-32	208	-1.6	-1.4	-0.5	3	J
12	385	13.3	54	J	3.9	8	276	0.3	-2.3	1.9	2	J
13	382	15.0	44	J	3.5	-54	259	-0.3	-2.7	-1.2	2	J
14	383	17.2	32	J	2.2	-27	305	0.2	-0.3	-0.0	2	J
15	378	19.1	26	J	1.8	40	351	1.1	0.3	0.9	1	J
16	368	18.3	21	J	2.2	46	212	-1.2	-0.1	1.7	0	J
17	372	17.7	22	J	2.2	30	203	-1.7	-0.3	1.2	1	J
18	369	16.5	20	J	2.3	56	203	-1.0	0.1	1.6	2	J
19	373	14.1	26	J	3.0	-19	205	-2.5	-1.4	-0.6	1	J
20	374	17.4	22	J	2.6	-15	170	-2.2	0.3	-0.7	1	J
21	371	20.2	18	J	1.2	21	129	-0.6	0.8	0.2	1	J
22	370	21.3	19	J	1.4	15	169	-1.0	0.2	0.3	1	J
23	360	16.8	25	J	3.0	-3	124	-1.6	2.4	-0.5	1	J
24	355	15.2	30	J	2.7	16	134	-1.7	1.9	0.4	1	J
					AUG. 20, 1976							233
1	363	10.0	34	J	4.3	-30	83	0.3	2.2	-1.9	3	J
2	355	8.4	40	J	4.1	-1	97	-0.5	3.8	-0.8	1	J
3	342	7.8	40	J	4.1	-18	126	-2.2	2.6	-1.9	1	J
4	361	9.5	38	J	5.2	13	88	0.2	4.8	-0.3	2	J
5	357	14.2	36	J	4.6	-2	117	-1.9	3.4	-1.4	2	J
6	348	15.5	29	J	4.6	0	134	-3.1	3.0	-1.2	1	J
7	348	17.1	28	J	3.6	9	130	-2.0	2.3	-0.6	2	J
8	345	16.9	26	J	2.8	28	111	-0.8	2.5	0.1	1	J
9	342	16.4	24	J	2.2	27	100	-0.2	1.6	-0.1	2	J
10	348	15.7	21	J	1.8	-24	311	0.8	-1.0	0.0	1	J
11	356	15.4	20	J	2.2	53	8	1.1	0.9	1.2	1	J
12	359	15.1	20	J	2.1	8	310	1.1	-1.0	0.9	1	J
13	366	11.6	37	J	2.8	0	321	1.5	-1.0	0.6	2	J
14	365	12.3	31	J	3.6	24	306	1.3	-1.1	1.7	3	J
15	368	15.7	25	J	2.1	30	297	0.6	-0.7	1.2	2	J
16	371	18.0	20	J	1.7	59	266	-0.0	-0.0	0.4	2	J
17	370	17.9	19	J	1.4	-58	33	0.2	-0.0	-0.4	1	J
18	366	16.6	21	J	1.3	-20	320	0.6	-0.5	-0.1	1	J
19	362	16.1	22	J	2.3	12	308	1.3	-1.5	0.9	1	J
20	359	13.1	28	J	3.3	20	146	-2.1	1.6	0.6	2	J
21	360	11.8	25	J	4.9	-3	123	-2.7	4.0	-1.0	1	J
22	363	13.6	24	J	5.8	3	115	-2.4	5.1	-0.5	1	J
23	367	14.3	23	J	6.3	19	121	-3.0	5.3	1.2	1	J
24	356	13.1	35	J	6.0	24	150	-4.7	3.0	1.9	1	J
					AUG. 21, 1976							234
1	350	12.7	45	J	6.0	3	150	-5.0	2.9	-0.2	2	J
2	339	12.4	26	J	5.7	4	168	-5.5	1.2	0.1	1	J
3	341	12.8	38	J	5.5	4	146	-4.5	3.0	-0.4	1	J
4	353	11.9	39	J	5.6	24	150	-4.4	3.1	1.4	1	J
5	356	14.4	32	J	5.2	18	133	-3.0	3.6	0.3	2	J
6	360	16.4	24	J	5.2	1	102	-1.0	4.5	-1.8	2	J
7	370	17.9	50	J	5.2	21	149	-2.6	1.9	0.4	4	J
8	394	22.5	47	J	5.5	-64	23	0.7	-0.5	-1.6	5	J
9	393	21.1	46	J	6.3	-53	20	3.1	-1.2	-4.4	2	J
10	383	13.0	60	J	5.9	0	99	-0.8	4.4	-2.7	3	J
11	391	10.0	82	L								
12	405	9.4	98	L	5.4	6	138	-2.0	1.7	-0.7	5	J
13	417	8.4	84	J	5.8	3	155	-5.1	2.2	-1.0	1	J
14	411	4.8	60	J	6.4	2	154	-5.7	2.5	-1.2	1	J
15	405	5.1	90	J	5.8	-11	140	-4.3	2.7	-2.6	1	J
16	389	7.2	60	J	5.0	-7	126	-2.6	3.1	-2.0	2	J
17	376	7.2	46	J	4.3	5	123	-2.2	3.3	-0.9	1	J
18	375	9.2	44	J	4.8	-41	172	-2.9	-0.4	-2.6	3	J
19	393	10.8	59	J	5.8	18	119	-2.5	4.9	0.5	2	J
20	387	11.3	60	L	5.9	16	132	-3.7	4.4	0.7	1	J
21	395	11.5	50	L	6.4	28	118	-2.1	4.3	1.6	4	J
22	420	8.6	65	L	5.7	-36	5	4.4	-0.1	-3.3	2	J
23	426	11.5	74	L	4.3	-29	27	2.5	1.0	-1.7	3	J
24	437	9.6	74	J	4.4	-33	22	2.6	0.8	-2.0	3	J
					AUG. 22, 1976							235
1	448	8.5	82	J	4.4	-27	54	2.2	2.6	-2.4	1	J
2	456	6.0	92	J	3.6	-4	75	0.6	2.8	-0.8	2	J
3	461	5.7	102	J	4.2	15	126	-2.3	3.4	0.2	1	J
4	455	5.2	73	J	4.5	25	128	-2.5	3.6	0.9	1	J
5	449	5.1	74	J	4.8	28	149	-3.5	2.7	1.3	1	J
6	435	5.4	87	J	4.6	28	150	-3.4	2.7	1.2	1	J
7	415	6.6	61	J	3.9	23	136	-2.5	2.8	0.3	1	J
8	415	5.6	52	J	4.4	27	138	-2.8	3.2	0.5	1	J
9	418	5.6	55	J	4.8	22	142	-3.4	3.2	0.2	1	J
10	408	7.9	27	J	4.7	16	143	-3.5	2.9	-0.3	1	J
11	408	8.1	24	J	4.6	10	131	-2.9	3.2	-1.1	1	J
12	391	12.0	29	L								
13	374	11.4	30	L								
14	368	12.2	31	L								
15	364	11.0	29	L								
16	360	11.8	30	L								
17	356	10.6	27	L	3.9	-5	186	-3.5	-0.4	-0.2	2	J
18	355	10.1	27	J	3.2	6	175	-3.0	0.3	0.2	1	J
19	352	10.7	24	L	2.9	21	194	-2.6	-0.4	1.2	1	J
20	359	9.8	21	J	2.8	38	96	-0.2	1.7	0.8	2	J
21	365	10.1	23	J	3.3	1	36	2.4	1.7	-0.3	1	J
22	369	11.8	19	J	2.8	-38	12	2.0	0.2	-1.6	1	J
23	367	13.1	18	J	2.5	-21	345	2.0	-0.7	-0.7	1	J
24	367	13.4	21	J	2.5	-38	45	0.9	0.8	-1.2	2	J
					AUG. 23, 1976							236
1	359	14.7	25	J	1.6	-27	110	-0.4	0.9	-0.7	1	J
2	356	15.4	26	J	2.5	-44	131	-0.9	0.7	-1.5	2	J
3	356	15.5	27	J	3.2	-4	125	-1.8	2.4	-0.8	1	J
4	356	17.3	21	J	3.1	1	103	-0.6	2.6	-0.8	1	J
5	351	18.3	19	J	3.8	-34	130	-1.9	1.4	-2.6	1	J
6	351	18.0	23	J	4.5	-57	203	-2.2	-2.3	-3.0	1	J
7	356	20.2	23	J	4.1	-70	152	-0.5	-0.4	-1.4	4	J
8	378	17.2	30	J	7.8	-71	218	-1.9	-4.6	-5.4	3	J
9	409	22.2	48	L								
10												
11	410	37.5	69	L								
12	417	33.8	65	J	15.0	30	110	-4.3	13.9	-0.2	4	J
13	417	36.6	55	J	14.6	14	103	-3.1	13.4	-4.1	2	J
14												
15												
16	404	30.8	203	L								
17	420	23.8	200	L								
18	422	20.1	301	L								
19	430	21.4	230	L								
20	487	13.8	212	L								
21	529	14.6	318	L								
22	550	12.9	318	L								
23	569	13.1	316	L								
24	580	9.7	231	J								
					AUG. 24, 1976							237
1	597	8.6	227	J	6.9	5	136	-4.4	4.2	-0.3	3	J
2	618	8.4	217	J	6.4	-14	115	-1.5	3.0	-1.6	5	J
3	595	7.5	216	J	6.4	33	164	-4.5	2.0	2.6	3	J
4	610	7.5	248	L								
5	522	9.0	273	J								
6	504	10.2	285	J								
7	588	5.4	194	L								
8	595	5.9	179	L								
9	600	6.3	211	L								
10	584	6.5	185	L								
11	592	6.2	198	L								
12	625	6.7	277	L								
13												
14	635	5.6	218	L								
15	629	5.2	188	L								
16	632	0.0	0	H								
17	635	3.6	182	L								
18	624	4.0	184	L								
19	666	4.6	262	L								
20	661	4.5	287	L								
21	663	4.5	283	L								
22	666	3.9	267	L								
23	630	4.1	183	L								
24	591	4.7	181	L								
					AUG. 25, 1976							238
1	592	5.1	169	L								
2	588	5.1	184	L								
3	581	4.9	179	L								
4	638	0.0	0	H								
5	668	5.4	288	L								
6	647	5.0	265	L								
7	637	5.1	224	L								
8	622	4.6	190	L								
9	591	4.1	144	L								
10	621	6.2	242	L								
11	628	4.7	195	L								
12	605	4.9	161	L								
13	603	4.9	164	L								
14	649	4.5	239	L								
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 28, 1976							241
1	564	5.8	197	L								
2	555	7.0	207	L								
3	541	6.3	174	J	4.3	-1	106	-0.9	2.8	-1.7	3	J
4	528	5.9	145	J	4.7	19	125	-1.5	2.3	-0.3	4	J
5	519	5.4	149	J	4.4	8	123	-1.9	2.8	-1.2	2	J
6	516	4.9	137	J	3.5	5	110	-0.9	2.2	-1.2	2	J
7	517	4.9	108	J	2.8	-29	110	-0.3	0.5	-0.9	3	J
8	514	4.6	90	J	3.5	-33	120	-1.2	0.9	-2.4	2	J
9	508	5.4	64	J	4.1	-1	145	-2.6	1.6	-1.0	2	J
10	509	5.7	86	J	4.3	12	140	-2.8	2.5	-0.4	2	J
11	518	6.5	110	J	3.6	-29	135	-2.0	1.1	-2.2	2	J
12	520	6.3	109	J	3.7	-34	54	0.9	0.8	-1.5	3	J
13	527	6.2	109	J	4.1	-63	0	0.8	-0.5	-1.5	4	J
14	522	5.9	104	J	4.1	-80	15	0.6	-0.8	-3.5	2	J
15	510	5.0	97	J	3.2	11	175	-2.0	0.3	0.3	3	J
16	495	5.3	68	J	3.9	29	136	-2.1	2.3	1.2	2	J
17	493	4.4	62	J	3.6	25	135	-1.8	2.0	0.8	2	J
18	489	4.4	71	J	4.3	18	149	-3.1	2.0	0.8	2	J
19	493	3.7	82	J	3.8	15	152	-2.9	1.7	0.6	1	J
20												
21												
22												
23												
24												

08/29/76 - 09/05/76

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 29, 1976							242
1	496	3.9	64	J	3.8	18	160	-3.0	1.3	0.8	2	J
2	495	3.6	82	J	3.4	-3	175	-3.3	0.2	-0.2	1	J
3	491	3.7	113	J	3.5	-4	156	-3.1	1.3	-0.6	1	J
4	493	3.1	113	J	3.9	-1	152	-3.4	1.7	-0.6	1	J
5	474	3.9	121	J	4.0	9	149	-3.2	2.0	-0.1	1	J
6	478	3.6	98	J	3.9	14	152	-3.1	1.9	0.1	1	J
7	463	6.0	55	J	3.4	25	106	-0.7	2.9	-0.1	1	J
8	459	6.3	37	J	3.7	6	94	-0.2	3.1	-1.3	2	J
9	455	6.2	42	J	2.9	1	89	0.1	2.5	-1.5	1	J
10	450	5.4	59	J	3.3	10	162	-2.6	1.0	-0.1	2	J
11	441	5.3	81	J	3.4	-5	181	-3.4	-0.2	-0.2	1	J
12	439	5.4	67	J	3.6	1	169	-3.4	0.6	-0.3	1	J
13	431	5.7	87	J	3.6	9	175	-3.3	0.5	0.3	1	J
14	430	6.0	85	J	4.6	1	152	-3.8	1.8	-1.0	1	J
15	425	6.9	87	J	4.5	-2	151	-3.8	1.8	-1.1	1	J
16	416	7.2	66	J	4.4	-7	176	-4.3	0.0	-0.6	1	J
17	409	7.3	47	J	3.8	-16	183	-3.6	-0.6	-0.9	1	J
18	421	7.2	92	J	4.1	5	200	-3.6	-1.1	0.7	2	J
19	416	6.7	51	J	4.1	3	132	-2.4	2.6	-0.6	2	J
20	413	6.2	43	J	3.7	28	135	-1.9	2.2	1.0	2	J
21	431	5.8	61	J	3.9	12	14	2.7	0.8	0.4	3	J
22	429	6.1	52	J	3.1	1	41	2.1	1.6	-0.3	2	J
23	433	5.7	52	J	3.1	-8	131	-1.9	2.1	-0.8	1	J
24	408	5.8	48	J	3.4	-11	138	-2.4	2.0	-1.0	1	J
					AUG. 30, 1976							243
1	406	6.8	48	J	3.9	-12	143	-2.8	1.9	-1.2	2	J
2	404	7.7	33	J	3.9	-19	120	-1.8	2.7	-1.9	1	J
3	405	7.8	33	J	4.3	-17	110	-1.3	3.2	-2.2	1	J
4	394	7.1	38	J	4.2	4	128	-2.5	3.1	-0.7	1	J
5												
6	380	6.6	48	J	3.9	4	156	-3.5	1.5	-0.4	1	J
7	377	6.4	42	J	3.7	8	162	-3.4	1.2	-0.1	1	J
8	376	6.1	35	J	3.6	12	167	-3.2	1.0	0.2	1	J
9	371	6.4	32	J	4.0	15	160	-3.4	1.5	0.2	1	J
10	371	6.9	27	J	4.2	12	157	-3.5	1.7	-0.1	1	J
11	374	6.4	24	J	3.4	-16	163	-3.0	2.3	-1.3	1	J
12	368	7.0	29	J	3.4	-1	157	-3.0	1.0	-0.8	1	J
13	366	7.1	32	J	3.6	0	149	-3.1	1.6	-1.0	1	J
14	361	6.1	36	J	3.7	20	170	-3.2	1.1	0.7	1	J
15	361	8.9	31	J	3.0	-33	55	1.2	0.9	-2.0	2	J
16	358	7.6	51	J	3.3	1	169	-3.0	0.6	-0.2	1	J
17	357	8.4	47	J	3.1	13	170	-2.5	0.6	0.4	2	J
18	364	9.3	35	J	2.8	15	132	-0.7	0.8	-0.0	3	J
19	378	8.9	33	J	3.1	-62	25	1.9	-0.1	-2.2	2	J
20	367	8.1	34	J	3.1	-8	130	-1.7	1.6	-0.8	2	J
21	371	8.1	32	J	3.3	-19	137	-2.0	1.6	-1.3	2	J
22	375	7.8	27	J	3.7	-51	120	-1.1	1.4	-3.0	1	J
23	374	8.0	26	J	3.8	-3	124	-1.8	2.7	-0.7	2	J
24	372	8.1	27	J	3.7	53	128	-1.2	2.0	2.2	2	J
					AUG. 31, 1976							244
1	371	8.0	22	J	4.1	59	120	-1.1	2.5	3.1	1	J
2	371	7.5	23	J	4.0	76	140	-0.7	1.5	3.5	1	J
3	367	7.5	31	J	3.5	15	146	-2.7	2.0	0.3	1	J
4	366	7.7	31	J	3.4	-1	148	-2.8	1.6	-0.6	1	J
5	366	8.7	29	J	3.1	8	142	-2.4	1.9	-0.3	0	J
6	365	10.1	29	J	3.4	14	144	-2.6	2.0	-0.1	1	J
7	365	11.7	25	J	4.0	23	130	-2.2	3.1	0.1	1	J
8	361	11.8	25	J	3.9	16	123	-2.0	3.2	-0.6	1	J
9	360	13.2	25	J	4.5	-15	102	-0.9	3.0	-3.2	1	J
10	362	12.7	26	J	4.4	-39	89	0.1	1.3	-4.0	1	J
11	350	13.5	33	J	3.4	4	151	-2.9	1.5	-0.7	1	J
12	354	15.2	34	J	4.0	-12	152	-2.9	0.9	-1.4	2	J
13	356	15.8	33	J	3.9	-18	119	-1.2	1.4	-1.8	3	J
14	359	18.8	30	J	4.6	-3	121	-2.1	2.9	-2.0	2	J
15	363	21.3	32	J	5.6	0	115	-2.1	4.0	-2.2	3	J
16	356	21.1	33	J	5.5	1	118	-2.4	4.2	-1.9	2	J
17	366	20.5	29	J	5.8	-7	121	-2.9	4.1	-2.5	1	J
18	366	15.3	29	J	6.5	12	165	-5.6	1.8	0.7	3	J
19	365	14.7	33	J	6.1	25	181	-5.3	0.6	2.4	2	J
20	367	15.4	34	J	6.1	17	152	-5.0	3.0	1.0	1	J
21	363	14.7	33	J	6.9	25	162	-5.9	2.5	2.4	1	J
22	361	15.5	31	J	6.7	2	140	-4.0	3.3	-0.5	4	J
23	363	17.2	25	J	6.4	-27	113	-2.1	4.4	-3.6	2	J
24	350	15.2	36	J	6.3	-1	138	-4.4	3.9	-0.8	2	J
					SEP. 1, 1976							245
1	348	16.2	36	J	6.8	18	148	-5.2	3.6	1.3	2	J
2	373	13.6	63	J	5.8	-46	6	1.0	-0.2	-1.1	6	J
3	386	10.0	61	J	6.1	-15	346	4.8	-1.5	-0.9	3	J
4												
5	368	8.0	62	J	4.8	8	112	-1.6	4.0	-0.9	2	J
6	360	9.4	44	J	4.1	-30	106	-0.8	1.9	-2.8	2	J
7	362	10.7	52	J	3.4	16	208	-2.5	-0.8	1.4	2	J
8	364	11.7	49	J	3.6	-3	181	-2.6	-0.1	-0.1	2	J
9	375	16.0	54	L	6.5	15	187	-6.0	0.2	1.8	1	J
10	373	15.4	47	L	5.6	15	185	-4.5	0.3	1.2	3	J
11	362	13.6	48	L	5.9	9	169	-5.5	1.4	0.1	2	J
12	396	10.2	68	J	6.0	14	124	-2.5	3.8	-1.1	4	J
13	388	9.4	69	J	7.0	19	113	-2.3	5.5	-1.2	3	J
14	377	12.4	66	J	6.4	0	127	-3.1	3.5	-2.1	4	J
15	377	13.2	51	J	7.8	-31	83	0.7	3.5	-5.9	4	J
16	382	11.1	46	J	6.0	17	145	-6.0	4.7	0.2	2	J
17	406	7.5	60	J	7.4	14	140	-5.3	4.8	-0.1	2	J
18	414	9.1	75	J	6.2	-4	84	0.6	5.1	-2.2	3	J
19	408	9.9	83	J	5.8	-9	123	-2.2	3.1	-1.6	4	J
20	419	8.3	111	J	7.0	21	192	-6.1	-0.7	2.6	2	J
21	452	8.0	101	J	6.9	13	192	-6.4	-1.0	1.8	1	J
22	444	7.4	114	J	5.7	9	173	-5.4	0.8	0.7	1	J
23	449	8.9	83	J	5.6	-18	139	-3.9	3.1	-2.3	1	J
24	449	8.3	76	J	5.0	-10	142	-3.6	2.6	-1.3	2	J
					SEP. 2, 1976							246
1	432	9.5	97	J	5.7	6	144	-4.4	3.3	-0.1	2	J
2	419	10.9	93	J	6.9	5	133	-4.6	5.0	-0.6	1	J
3	416	11.3	86	J	7.3	15	161	-6.1	2.5	1.1	3	J
4	430	10.2	149	J	7.9	26	186	-7.0	0.4	3.5	1	J
5	455	13.8	111	J	6.8	-61	13	2.4	-1.1	-4.3	5	J
6	454	17.9	131	J	8.3	-58	147	-2.9	-0.6	-5.9	5	J
7	466	21.2	131	J	10.2	-35	153	-3.5	0.3	-3.3	9	J
8	470	23.5	155	J	13.1	-42	161	-8.3	-1.5	-8.3	6	J
9	472	22.2	143	J	10.6	40	158	-5.8	4.8	3.2	7	J
10	311	11.9	246	J	9.0	-28	61	2.0	1.8	-3.8	8	J
11	580	11.8	313	L	10.1	27	176	-8.7	3.0	3.4	3	J
12	367	10.0	265	L								
13	574	3.8	252	L								
14	577	8.0	217	L	8.8	12	43	3.4	3.2	-0.8	8	J
15	564	6.6	141	J	6.9	2	163	-6.6	1.9	-0.8	1	J
16	573	6.8	208	J	7.1	9	160	-6.1	2.5	-0.0	3	J
17	573	6.0	163	J	7.0	6	166	-6.8	1.8	0.0	1	J
18	568	5.7	115	J	6.8	6	177	-6.7	0.6	0.5	1	J
19	561	4.4	91	J	5.5	3	187	-5.3	-0.5	0.5	1	J
20	553	4.2	94	J	5.2	-4	168	-4.8	0.9	-0.6	2	J
21	580	4.8	138	J	5.4	21	136	-3.2	3.3	1.0	3	J
22	604	4.6	137	J	4.6	-7	71	1.2	3.3	-1.1	3	J
23	573	4.5	150	J	4.2	7	154	-3.0	1.5	0.1	2	J
24	588	4.2	197	J	4.1	18	151	-2.7	1.6	0.7	3	J
					SEP. 3, 1976							247
1	582	5.0	217	J	4.3	8	204	-3.5	-1.4	0.9	2	J
2	559	3.8	65	J	4.8	6	157	-4.3	1.9	0.0	1	J
3	561	4.0	90	J	4.6	4	162	-4.3	1.4	-0.1	1	J
4	551	3.4	69	J	5.0	9	154	-4.3	2.3	0.0	1	J
5					4.4	-4	129	-2.6	2.9	-1.5	1	J
6					4.3	19	139	-2.9	2.8	0.1	2	J
7					5.3	21	153	-4.2	2.8	0.6	1	J
8					5.0	22	133	-2.7	3.3	-0.1	3	J
9	548	5.7	121	J	4.2	35	132	-2.1	3.1	0.6	2	J
10	526	6.2	117	J	4.3	10	157	-2.9	1.3	-0.2	3	J
11	549	6.4	149	L	3.3	-48	69	0.6	0.3	-2.4	2	J
12	552	6.0	122	L	3.7	-57	322	1.3	-2.3	-1.6	2	J
13	538	5.2	130	L								
14	535	4.9	116	L								
15	531	4.6	109	L	3.8	49	129	-1.5	2.9	1.5	1	J
16	535	4.2	143	L	3.1	48	198	-1.7	0.4	2.0	2	J
17	539	3.9	131	L	4.1	47	128	-1.3	2.5	1.5	3	J
18	552	4.3	122	J	3.3	-45	104	-0.2	0.5	-1.1	3	J
19	562	3.5	131	L								
20	567	3.8	110	J	2.4	-8	150	-1.3	0.7	-0.4	2	J
21	540	4.5	119	J	3.9	16	151	-3.2	2.0	0.6	0	J
22	539	4.4	113	J	3.8	15	123	-1.9	3.0	0.3	1	J
23	542	3.7	160	J	3.5	-15	189	-2.7	-0.6	-0.6	2	J
24	535	3.5	106	J	2.9	-18	79	0.2	1.1	-0.6	3	J
					SEP. 4, 1976							248
1	529	3.9	103	J	3.0	-27	111	-0.9	1.9	-1.7	1	J
2	516	4.0	95	J	3.0	-15	83	0.3	2.3	-1.3	1	J
3	520	4.0	88	J	4.4	9	123	-2.2	3.4	-0.3	2	J
4	544	4.7	109	J	2.8	-18	60	1.0	1.2	-2.1	1	J
5	532	4.6	104	J	3.9	-7	109	-1.1	2.9	-1.6	2	J
6	527	4.8	98	J	3.8	10	99	-0.5	3.0	-0.8	2	J
7	516	4.0	91	J	2.9	-4	139	-1.7	1.3	-0.8	2	J
8	501	4.3	93	J	2.3	-13	128	-1.0	0.9	-1.0	1	J
9	489	5.3	74	L								
10	470	6.7	70	J	4.5	46	240	-1.5	-0.4	3.9	1	J
11	463	7.2	74	J	4.6	36	218	-1.4	-0.2	1.7	4	J
12	488	5.5	88	J	5.5	4	136	-3.9	3.3	-1.8	1	J
13												
14	493	5.6	98	L								
15												
16	482	7.7	109	L								
17	481	6.3	99	L	5.0	15	184	-4.6	0.2	1.3	1	J
18	483	6.7	96	L	4.6	19	201	-4.0	-0.9	1.9	1	J
19	488	6.4	77	J	3.6	4	57	1.9	2.9	-0.6	1	J
20	483	5.7	89	J	4.1	9	11	3.6	0.8	0.4	2	J
21	472	7.3	89	J	3.3	-3	74	0.6	1.9	-0.5	3	J
22	463	6.9	60	J	5.5	17	133	-2.6	3.0	0.6	4	J
23	474	7.9	88	J	6.9	1	104	-0.9	3.5	-0.6	6	J
24	482	9.7	101	J	7.3	-1	130	-3.9	4.5	-1.0	4	J
					SEP. 5, 1976							249
1	481	10.0	95	J	6.4	-25	93	-0.2	2.9	-2.2	5	J
2	484	9.0	152	L	8.1	51	172	-4.7	2.1	5.5	3	J
3	477	8.2	162	L	6.7	-38	132	-3.1	2.3	-4.5	4	J
4	481	8.6	204	L	5.9	29	204	-3.7	-0.8	2.6	4	J
5	495	7.6	191	L	4.9	11	246	-1.5	-2.8	1.9	3	J
6	510	5.8	184	L	5.4	30	172	-3.8	1.4	1.8	3	J
7	536	4.1	147	L	5.8	22	186	-5.3	0.5	2.1	1	J
8	542	4.5	137	J	4.5	18	177	-3.6	0.8	0.9	2	J
9	548	3.9	132	J	3.7	-27	116	-1.2	1.3	-2.4	2	J
10	542	4.5	138	J								
11	478	6.5	173	J								
12	532	4.3	139	L								
13	508	4.6	110	L								
14	511	4.3	121	L								
15	557	0.0	0	H								
16												
17	527	4.2	140	L								
18	555	5.1	133	L								
19	539	4.8	118	L								
20	520	5.5	121	L								
21	511	5.5	139	L								
22	509	5.1	138	L								
23	496	5.5	118	L								
24	497	6.3	113	L								

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
					SEP. 6, 1976							250					SEP. 7, 1976							251
1	510	6.4	150	L									424	9.4	63	L								
2	513	6.7	147	L									420	9.7	55	L								
3	522	6.6	151	L									427	0.0	0	H								
4	513	5.0	133	L									434.	0.0	0	H								
5	489	4.7	109	L									413	9.5	62	L								
6	486	4.7	106	L									412	10.2	76	L								
7	478	4.9	105	L																				
8	464	5.0	118	L																				
9	453	4.7	102	L																				
10	448	5.3	91	L																				
11	452	5.5	78	L																				
12	443	5.5	77	L																				
13	429	5.2	74	L																				
14	439	5.0	78	L																				
15	428	5.1	75	L																				
16	429	5.5	68	L																				
17	420	5.9	61	L																				
18	427	5.4	69	L																				
19	425	5.4	64	L																				
20	429	5.5	64	L																				
21	431	6.3	68	L																				
22																								
23	446	9.2	90	L																				
24	429	9.6	72	L																				
					SEP. 9, 1976							253					SEP. 10, 1976							254
1																	11.8	-30	129	-6.4	6.4	-7.5	2	J
2																	15.1	-44	144	-8.7	3.5	-11.7	2	J
3																								
4																								
5																	8.7	6	143	-6.7	5.0	-1.1	2	J
6																	10.7	-12	144	-7.7	4.2	-4.2	5	J
7					10.1	-44	118	-3.4	2.3	-9.1	2	J					15.4	-40	161	-11.1	-1.3	-10.5	2	J
8					9.7	-39	106	-1.9	2.9	-8.4	3	J	280	2.1	21	L								
9													282	2.4	24	L	8.5	-14	171	-7.7	-0.0	-2.3	3	J
10													285	3.6	25	L	8.7	11	142	-6.6	5.2	-1.5	1	J
11					11.9	-35	99	-1.5	4.1	-11.1	2	J	310	7.1	44	L	8.9	17	139	-5.6	5.3	-0.9	1	J
12					12.9	-36	95	-0.9	4.3	-12.0	2	J	318	12.0	45	J	8.6	14	142	-6.4	5.3	-1.1	1	J
13					14.1	-45	107	-2.9	2.5	-13.5	2	J	323	11.1	39	J	8.5	23	135	-5.4	6.3	-0.2	1	J
14					12.8	-37	117	-4.6	3.7	-11.2	2	J	325	11.8	38	J	8.7	21	125	-4.6	7.2	-0.8	1	J
15					11.0	-30	116	-4.2	4.8	-9.0	1	J	337	9.9	28	J	9.2	11	118	-4.2	7.7	-2.3	1	J
16					10.0	-29	108	-2.0	3.9	-5.9	7	J	346	10.4	33	J	9.7	15	120	-4.6	8.2	-1.3	1	J
17					10.1	-32	128	-5.2	4.0	-7.5	2	J	341	11.5	27	J	9.6	17	120	-4.5	8.3	-0.6	1	J
18					9.4	-28	133	-5.7	4.2	-6.2	1	J	332	14.8	21	J	9.6	-20	151	-7.0	2.6	-4.1	5	J
19					11.3	-29	125	-5.6	6.0	-7.6	2	J	331	13.7	22	J	9.6	-2	129	-5.9	6.9	-2.5	2	J
20					11.0	-24	114	-4.0	7.7	-6.6	2	J	332	16.9	20	J	10.0	20	130	-5.7	7.4	1.4	3	J
21					9.3	-24	126	-5.0	5.8	-5.2	1	J	334	14.9	19	J	10.4	14	126	-5.6	8.0	0.6	3	J
22					8.7	-23	120	-4.0	6.1	-4.8	1	J	332	6.3	23	J	10.9	19	132	-6.2	8.1	1.8	2	J
23					8.9	-23	122	-4.3	6.0	-4.7	1	J	343	6.0	49	J	10.8	31	139	-6.8	6.9	4.1	2	J
24					9.1	-23	121	-4.3	6.2	-4.9	2	J	318	3.4	44	J	9.8	50	172	-5.5	2.1	6.3	5	J
					SEP. 11, 1976							255					SEP. 12, 1976							256
1	335	2.5	108	J	9.3	52	218	-4.4	-1.7	7.7	2	J	361	9.5	29	J	5.0	6	105	-1.0	3.6	-0.5	3	J
2	315	1.8	71	J	9.4	45	177	-6.4	2.0	6.1	2	J	369	9.2	19	J	5.2	9	80	0.9	4.9	-0.5	1	J
3					10.0	33	142	-6.5	6.5	3.6	1	J	367	9.3	21	J	5.6	-3	69	2.0	4.8	-1.8	1	J
4													355	9.7	32	J	5.0	20	112	-1.1	3.0	0.1	4	J
5													359	9.5	24	J	5.5	-7	69	1.7	3.8	-2.2	3	J
6	369	9.8	48	J	5.6	-4	133	-3.3	3.0	-1.8	3	J	358	10.7	26	J	5.9	0	79	1.1	5.1	-2.5	1	J
7	361	9.6	58	J	6.3	9	144	-4.7	3.5	-0.8	2	J	356	10.2	26	J	5.8	11	92	-0.2	5.5	-1.8	1	J
8	365	9.0	61	J	6.0	15	146	-4.5	3.3	-0.3	2	J	361	13.8	43	J	8.4	14	176	-8.0	1.5	1.4	1	J
9	366	9.4	54	J	6.4	18	154	-4.7	2.9	0.2	3	J	357	11.8	46	J	8.3	10	166	-7.9	2.4	0.1	1	J
10	363	8.4	45	J	6.7	30	177	-5.6	2.1	2.5	2	J	364	11.0	38	J	7.6	10	145	-6.0	4.2	-1.3	1	J
11	360	8.3	51	J	6.3	24	176	-5.7	1.8	1.9	1	J	366	12.0	35	J	7.3	-6	122	-3.5	4.2	-3.7	3	J
12	370	7.7	56	J	5.8	13	157	-4.8	2.4	-0.2	2	J	357	11.3	42	J	6.8	10	127	-3.8	4.8	-1.9	2	J
13	374	8.8	41	J	5.2	8	129	-3.1	3.5	-1.5	2	J	356	11.4	37	J	5.9	21	124	-2.8	4.6	-0.7	2	J
14	381	8.9	39	J	4.8	-13	111	-1.5	2.9	-2.9	2	J	360	10.8	32	J	5.5	0	102	-1.0	4.0	-2.5	2	J
15	377	9.1	38	J	4.7	0	111	-1.5	3.5	-2.0	2	J	366	11.4	29	J	5.7	9	73	1.6	5.0	-1.8	2	J
16	386	8.7	36	J	4.8	10	80	0.8	4.3	-1.2	2	J	363	10.7	31	J	5.7	7	112	-1.8	4.2	-1.4	3	J
17	390	8.7	35	J	4.7	11	62	2.1	3.9	-0.8	1	J	372	11.8	24	J	5.7	-16	70	1.7	3.7	-3.1	2	J
18	373	9.0	26	J	4.5	14	97	-0.5	4.3	-0.5	1	J	363	11.8	29	J	5.5	-6	88	0.2	4.1	-2.0	3	J
19	372	8.1	28	J	4.6	12	105	-1.1	4.1	-0.4	2	J	356	12.3	29	J	5.6	0	133	-3.6	3.7	-1.2	2	J
20	363	7.6	29	J	5.0	10	121	-2.4	4.1	-0.2	1	J	362	11.7	17	J	6.2	-2	130	-3.9	4.5	-1.4	1	J
21	361	7.6	30	J	4.7	13	120	-2.2	3.9	0.1	1	J	363	18.8	24	J	5.0	1	132	-3.3	3.6	-0.8	1	J
22	357	8.6	49	J	4.5	3	130	-2.4	2.8	-0.4	3	J	361	19.5	26	J	5.0	11	146	-4.0	2.8	0.3	1	J
23	367	9.0	25	J	4.8	6	109	-1.5	4.3	-0.4	1	J	355	17.1	26	J	5.0	8	149	-4.2	2.6	0.2	1	J
24	363	9.6	28	J	4.9	-2	114	-1.9	4.2	-1.1	1	J	346	17.5	31	J	4.6	17	169	-4.0	1.0	1.1	2	J
					SEP. 13, 1976							257					SEP. 14, 1976							258
1	344	15.7	29	J	4.5	8	163	-4.0	1.3	0.3	2	J	342	4.5	55	J	3.8	-36	334	2.4	-1.6	-1.6	2	J
2	336	14.7	21	J	4.7	-4	163	-4.3	1.2	-0.6	1	J	343	6.9	54	J	3.2	20	291	0.9	-2.0	1.4	2	J
3	334	14.7	18	J	4.2	6	157	-3.8	1.7	-0.1	1	J	342	10.2	22	J	3.8	-29	311	2.1	-2.8	-1.0	1	J
4	330	13.3	20	J	3.6	8	161	-3.2	1.2	0.1	1	J	343	8.1	28	J	4.9	-41	356	3.5	-1.3	-2.8	2	J
5	327	12.2	20	J	2.8	-2	163	-2.6	0.7	-0.4	1	J	338	8.1	39	J	4.7	-30	40	3.1	1.5	-3.1	1	J
6	320	14.5	19	J	1.3	-13	131	-0.6	0.6	-0.5	1	J	339	11.4	29	J	4.1	-33	61	1.6	1.7	-3.2	1	J
7	318	14.5	19	J	2.5	-28	161	-2.1	0.1	-1.4	0	J	340	14.3	35	J	4.6	-32	79	0.7	2.2	-4.0	1	J
8	328	21.3	19	J	3.2	-19	143	-2.2	0.9	-1.7	1	J	340	18.5	26	J	4.0	10	277	0.4	-2.8	2.4	2	J
9	322	17.8	15	J	3.6	-19	183	-3.2	-0.7	-0.8	1	J	340	19.1	26	J	4.2	27	257	-0.6	-1.5	2.6	3	J
10	315	16.2	14	J	3.3	-5	189	-3.1	-0.6	0.0	1	J	346	19.6	29	J	5.2	1	305	1.1	-1.3	1.0	5	J
11	308	12.3	15	L									362	30.5	34	J	9.3	7	146	-7.2	4.6	-1.9	3	J
12	305	10.8	19	L									364	33.8	52	J	8.5	-23	141	-5.4	2.0	-4.9	4	J
13	308	11.7	28	J	3.6	32	178	-2.9	1.1	1.4	1	J	363	34.0	65	J	8.4	-26	157	-6.4	0.4	-4.3	3	J
14	314	11.5	26	J	3.9	42	193	-2.4	0.7	2.2	2	J	374	36.4	59	J	5.2	21	241	-1.1	-1.2	1.8	5	J
15	318	11.5	17	J	3.4	8	266	-0.2	-2.6	2.0	1	J	376	30.8	44	J	8.4	5	312	5.1	-4.6	3.3	4	J
16	314	11.1	18	J	3.4	18	256	-0.7	-2.1	2.1	2	J	368	32.6	54	J	7.3	23	291	2.4	-4.3	5.3	2	J
17	314	10.7	18	J	3.1	-71	221	-0.7	-1.6	-2.2	1	J	364	36.3	54	J	6.6	24	305	3.2	-3.3	4.2	3	J
18	305	9.4	18	J	3.0	-2	176	-2.8	0.2	-0.2	1	J	368	37.9	17	J	10.3	24	312	6.2	-5.0	6.3	1	J
19	305	9.5	19	J	3.0	13	152	-2.4	1.4	0.2	1	J	365	36.4	21	J	9.0	26	318	5.9	-3.9	5.3	2	J
20	315	11.2	22	J	2.9	-40	223	-1.0	-1.1	-0.8	2	J	370	43.0	23	J	8.0	25	303	3.9	-4.9	4.8	2	J
21	316	11.3	21	J	2.8	-74	69	0.1	0.0	-1.2	3	J	372	49.1	22	J	8.3	38	283	1.4	-5.0	6.4	2	J
22	318	10.2	25	J	2.5	-45	49	1.1	0.9	-1.8	1	J	372	38.7	52	J	5.9	54	231	-1.7	-1.3	4.1	5	J
23	322	8.9	21	J	3.1	-52	14	1.5	-0.0	-2.0	2	J	365	24.8	68	J	10.0	45	189	-6.6	0.3	6.7	3	J
24	340	4.8	66	J	3.9	-37	291	0.8	-2.3	-1.2	3	J	365	15.7	55	J	10.4	42	171	-7.4	2.6	6.4	2	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
					SEP. 15, 1976							259
1	363	13.7	51	J	9.9	36	170	-7.8	2.7	5.3	1	J
2	359	12.9	56	J	9.3	37	171	-6.9	2.4	4.8	3	J
3	370	11.8	85	J	8.2	3	116	-3.1	6.1	-1.5	4	J
4	384	12.1	83	J	8.3	-18	89	0.1	6.1	-4.8	3	J
5	386	11.6	84	J	8.2	-11	91	-0.1	6.5	-4.4	2	J
6	381	12.6	65	J	7.5	-19	84	0.7	5.1	-5.1	2	J
7	382	14.0	74	J	6.7	3	91	-0.1	5.0	-2.4	4	J
8	389	17.4	95	J	6.0	22	58	2.0	3.5	-0.4	5	J
9	397	16.5	101	L	6.9	-4	353	6.4	-0.9	0.1	2	J
10					6.7	1	49	3.7	3.5	-2.3	4	J
11	426	6.5	94	L	8.5	40	131	-4.2	7.1	1.7	2	J
12	399	8.9	96	L								
13	379	11.7	88	L								
14	379	11.0	67	L	4.6	26	145	-3.2	2.9	0.5	1	J
15	381	9.1	62	L	4.2	17	142	-3.1	2.7	-0.1	1	J
16	433	5.5	79	L	5.0	12	173	-4.8	1.0	0.6	1	J
17	415	4.8	76	L	5.6	19	172	-5.1	1.4	1.4	1	J
18	413	5.0	79	L	4.7	20	156	-3.3	1.9	0.7	3	J
19	410	4.9	71	L	4.4	11	147	-3.4	2.3	0.1	2	J
20					4.0	-32	164	-3.6	0.3	-2.1	2	J
21	376	10.1	29	J	4.0	-12	127	-2.1	2.5	-1.3	2	J
22	369	11.4	28	J	4.0	2	121	-1.9	3.0	-0.5	2	J
23	371	13.8	17	J	3.1	41	101	-0.4	2.5	1.4	1	J
24	368	10.5	21	J	3.1	1	124	-1.6	2.3	-0.4	1	J
					SEP. 16, 1976							260
1	361	10.9	25	J	3.4	-10	152	-2.5	1.2	-0.8	2	J
2	367	13.7	21	J	3.3	18	106	-0.8	2.5	0.2	2	J
3	362	11.6	29	J	3.4	-29	156	-2.3	0.6	-1.7	2	J
4	358	12.6	31	J	3.5	-44	165	-2.4	-0.2	-2.5	0	J
5	354	13.3	42	J	3.5	-11	163	-3.1	0.6	-1.0	1	J
6	365	12.2	32	J	3.8	-47	213	-0.6	-0.9	-0.7	4	J
7	368	8.8	32	J	4.7	-18	282	0.9	-4.4	0.8	1	J
8	360	6.4	40	J	5.3	-7	287	1.5	-4.5	2.0	1	J
9	368	5.9	32	J	7.1	-2	281	1.3	-5.7	3.5	2	J
10	340	6.7	37	J	8.4	-16	321	5.3	-4.7	0.8	5	J
11	377	12.0	64	J	7.7	-15	293	2.6	-6.0	2.0	4	J
12	393	15.7	64	L	6.0	2	257	-1.1	-3.9	2.9	4	J
13	369	19.7	50	L	5.8	22	188	-4.2	0.5	1.8	4	J
14	373	20.7	54	L	6.3	11	199	-5.8	-1.1	2.0	1	J
15	367	21.6	54	L								
16	365	24.0	46	L								
17	365	24.8	42	L								
18	366	18.5	49	L	4.8	-10	216	-3.2	-2.4	0.2	3	J
19	369	17.0	42	L	5.1	-9	227	-3.2	-3.5	0.3	2	J
20	373	21.2	38	L								
21	374	21.1	44	J	3.4	24	189	-2.9	-0.1	1.4	1	J
22	380	19.7	57	J	4.5	15	127	-2.3	3.2	0.3	2	J
23	372	17.3	53	J	4.9	39	147	-3.1	2.6	2.5	1	J
24	366	18.5	46	J	4.7	27	129	-2.5	3.5	1.3	2	J
					SEP. 17, 1976							261
1	363	20.0	41	J	5.5	19	132	-3.3	3.9	0.8	2	J
2	365	23.6	29	J	6.0	0	132	-3.9	4.2	-1.1	1	J
3	374	26.1	23	J	5.8	-17	133	-3.8	3.4	-2.8	1	J
4	368	26.5	34	J	5.7	-19	174	-4.9	-0.1	-1.8	2	J
5	362	23.5	30	L								
6	364	22.3	22	L								
7	379	15.9	49	J								
8	379	16.4	35	J	4.9	15	222	-3.2	-1.9	2.5	2	J
9	390	10.3	38	J	5.9	-24	221	-3.8	-3.2	-0.1	4	J
10	382	10.7	33	J	6.4	-2	221	-4.7	-3.5	2.1	1	J
11	384	10.2	32	J	6.4	10	223	-4.5	-2.8	3.3	1	J
12	384	9.2	38	J	6.0	24	227	-3.7	-1.9	4.3	1	J
13	381	11.7	53	J	4.7	27	214	-3.5	-0.8	3.1	1	J
14	387	12.4	28	J	4.5	31	225	-2.7	-1.1	3.3	1	J
15	384	13.0	33	L								
16	381	11.9	36	L	4.5	28	184	-2.7	0.5	1.4	3	J
17	372	10.6	41	L	4.7	15	149	-3.7	2.5	0.2	1	J
18	375	11.9	40	L	3.9	-3	135	-1.8	3.3	-1.4	1	J
19	377	14.3	25	J	4.7	-1	118	-2.0	3.5	-1.2	2	J
20	384	8.2	43	L								
21	387	9.7	29	L								
22	387	13.3	33	L								
23	386	10.7	44	L								
24	375	8.6	62	L								
					SEP. 18, 1976							262
	389	12.0	66	L								
	397	18.9	58	L								
	396	17.4	57	L								
	400	23.3	36	L								
	409	9.3	36	L								
	420	9.7	61	L								
	404	7.8	72	L								
	406	0.0	0	H								
	399	12.1	23	L								
	405	13.0	23	L								
	434	11.9	143	L								
	432	0.0	0	H								
	481	7.5	204	L								
	504	7.8	238	L								
	494	6.7	221	L								
	473	7.1	238	L								
	469	7.6	210	L								
	464	8.5	192	L								
	451	7.7	151	L								
	437	7.5	127	L								
	459	8.2	190	L								
					SEP. 19, 1976							263
1	447	8.5	179	L								
2	444	8.5	174	L								
3	451	8.4	174	L								
4	449	8.4	153	L								
5	450	8.3	117	L								
6	463	8.8	139	L								
7	459	8.6	159	L								
8	456	8.5	171	L								
9	467	9.6	155	L								
10	492	0.0	0	H								
11	514	0.0	0	H								
12	515	9.8	153	L								
13	523	16.4	205	L								
14												
15												
16												
17												
18												
19												
20												
21	565	7.0	266	L								
22	571	8.6	241	L								
23	570	8.9	264	L								
24	594	7.1	205	L								
					SEP. 20, 1976							264
	585	6.7	181	L								
	621	6.6	228	L								
	656	9.2	316	L								
	631	8.9	283	L								
	643	7.8	350	L								
					SEP. 21, 1976							265
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	639	3.6	152	L								
23	651	4.0	170	L								
24	656	3.9	144	L								
					SEP. 22, 1976							266
	640	3.3	157	J								
	652	3.7	147	J								
	662	3.3	151	J	3.9	14	150	-2.7	1.7	0.2	2	J
	658	3.4	161	J	3.8	22	162	-2.6	1.2	0.7	2	J
	638	3.5	181	J	3.8	19	191	-3.2	-0.1	1.3	2	J
	645	3.8	167	J	3.5	4	205	-2.4	-0.9	0.7	2	J
	625	3.6	88	J	4.1	4	181	-3.7	0.1	0.3	2	J
	633	3.7	122	J	3.8	-34	176	-2.2	-0.7	-1.3	3	J
	610	4.3	97	J	4.5	-10	167	-4.0	0.4	-1.1	2	J
	604	4.3	110	J	4.7	-11	158	-4.1	0.9	-1.7	1	J
	598	4.7	125	J	4.8	-13	155	-4.1	1.0	-2.0	1	J
	590	4.5	149	J	4.6	-25	147	-2.9	0.7	-2.4	3	J
	582	4.0	150	J	4.9	-42	165	-3.2	-0.8	-3.0	2	J
	568	4.0	122	J	4.9	3	176	-4.6	0.4	0.1	2	J
	568	3.9	84	J	4.8	12	171	-4.0	0.9	0.5	2	J
	560	4.0	70	J	4.8	-13	163	-4.2	0.8	-1.4	2	J
	564	4.3	87	J	4.6	-10	154	-3.3	1.3	-1.2	3	J
	550	3.9	74	J	4.8	12	159	-3.9	1.7	0.4	2	J
	548	4.1	70	J	5.1	-19	165	-4.3	0.7	-1.8	2	J
	545	3.9	62	J	5.0	-11	170	-4.4	0.6	-1.0	2	J
	555	4.4	68	J	5.9	3	143	-4.1	3.1	-0.4	3	J
	545	4.1	69	J	5.9	7	147	-4.7	3.2	0.0	1	J
	534	4.3	110	J	6.1	0	157	-5.4	2.3	-0.5	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 23, 1976							267
1	530	4.9	143	J	6.8	-1	162	-6.3	2.0	-0.6	1	J
2	517	4.0	116	J	5.7	7	164	-5.2	1.6	0.2	1	J
3	515	4.0	114	J	6.5	17	155	-5.5	3.0	1.0	1	J
4	522	4.0	126	J	6.6	16	154	-5.5	3.1	0.7	1	J
5	522	3.9	154	J	6.5	16	151	-5.2	3.3	0.4	1	J
6	514	4.0	94	J	6.4	24	147	-4.7	3.9	0.9	2	J
7	505	6.1	85	J	5.8	37	143	-3.2	3.6	1.5	3	J
8	506	6.0	81	J	6.4	7	112	-2.1	4.7	-2.1	3	J
9	512	6.1	78	J	5.4	28	97	-0.3	3.2	-0.3	4	J
10	516	7.0	81	J	5.1	12	83	0.5	3.9	-1.6	3	J
11	510	6.7	74	J	5.2	-8	76	0.9	3.3	-3.1	2	J
12	513	7.1	94	J	4.7	-28	77	0.6	1.3	-2.6	4	J
13	529	6.0	130	J	4.6	-40	69	0.7	0.6	-2.3	4	J
14	527	6.2	144	J	4.5	-40	103	-0.7	1.1	-3.6	2	J
15	510	5.6	118	J	4.5	13	145	-2.8	2.1	-0.3	3	J
16	525	4.8	130	J	3.1	-6	109	-0.6	1.6	-1.0	2	J
17	528	3.9	115	J	2.6	24	119	-1.0	2.1	0.1	1	J
18	523	3.5	93	J	2.8	15	120	-1.3	2.3	-0.1	1	J
19	509	3.6	74	J	2.5	-14	143	-1.9	1.2	-1.0	1	J
20	507	3.4	65	J	2.8	-9	134	-1.9	1.7	-0.9	1	J
21	507	3.4	58	J	3.0	-13	117	-1.3	2.3	-1.2	1	J
22	499	3.4	63	J	3.0	-11	130	-1.8	2.0	-1.0	0	J
23	486	4.6	54	J	2.6	20	106	-0.5	1.8	0.3	2	J
24	475	5.0	47	J	2.3	16	53	1.3	1.8	0.2	1	J
					SEP. 24, 1976							268
1	472	5.2	47	J	2.8	-13	45	1.8	1.6	-1.0	1	J
2	470	4.9	54	J	3.1	-29	50	1.6	1.5	-1.9	1	J
3	473	4.0	87	J	3.7	26	175	-3.3	0.8	1.5	1	J
4	464	4.5	71	J	3.3	33	187	-2.4	0.3	1.6	2	J
5	464	4.4	78	J	3.7	24	187	-3.0	0.2	1.4	2	J
6	467	4.8	92	J	3.1	-28	180	-2.5	-0.6	-1.2	1	J
7	458	5.0	56	J	2.4	-20	205	-1.7	-1.0	-0.2	1	J
8	456	5.1	57	J	2.3	22	146	-1.7	1.4	0.1	1	J
9	451	4.8	60	J	2.8	11	160	-2.3	1.0	-0.1	1	J
10	454	5.2	54	J	2.7	7	184	-2.7	0.0	0.4	1	J
11	450	5.3	70	J	2.6	-5	177	-2.5	-0.0	-0.3	1	J
12	435	5.1	68	J	2.3	-44	45	0.8	0.0	-1.4	2	J
13	421	5.3	62	J	2.5	-36	132	-0.5	0.2	-0.8	2	J
14	411	4.6	39	J	2.7	-14	152	-2.0	0.6	-1.0	2	J
15	409	4.5	28	J	3.3	-5	160	-2.9	0.8	-0.8	1	J
16	403	4.6	36	J	3.7	15	150	-2.8	1.9	0.1	1	J
17	397	5.2	45	J	2.8	-21	142	-1.9	1.0	-1.4	1	J
18	406	5.8	40	J	3.0	-14	147	-2.3	1.2	-1.2	1	J
19	408	7.8	49	J	3.3	14	136	-2.2	2.3	0.1	1	J
20	404	7.6	35	J	3.8	6	130	-2.4	2.8	-0.4	1	J
21	390	10.1	26	J	3.8	11	130	-2.4	2.9	0.0	0	J
22	385	13.0	24	J	3.3	18	130	-2.0	2.5	0.5	1	J
23	375	17.9	17	J	2.1	-4	122	-0.9	1.4	-0.4	1	J
24	374	19.5	16	J	4.0	-28	314	2.4	-2.8	-1.3	2	J
					SEP. 25, 1976							269
1	386	16.0	33	J	8.2	-49	337	4.8	-3.4	-5.4	2	J
2	390	18.5	34	J	6.3	-52	331	2.7	-2.5	-3.4	4	J
3	387	22.7	29	J	5.2	-34	329	-2.6	2.2	-3.6	1	J
4	383	17.0	31	J	6.4	-11	166	-5.6	0.9	-1.5	3	J
5	373	17.0	23	J	5.6	-3	138	-4.0	3.2	-1.7	2	J
6	368	17.5	18	J	4.5	-1	113	-1.7	3.5	-1.8	1	J
7	364	14.8	34	J	5.1	35	159	-3.7	2.6	1.7	2	J
8	362	14.2	30	J	8.1	2	124	-4.4	5.7	-3.2	2	J
9	371	17.3	27	J	10.0	-10	118	-4.4	6.0	-5.9	3	J
10	392	17.9	75	J	5.8	-53	347	1.3	-1.3	-1.3	5	J
11	407	16.7	71	J	5.9	-72	15	1.7	-2.7	-4.6	2	J
12	418	16.5	64	J	6.2	-69	12	2.0	-2.7	-4.7	2	J
13	407	15.6	56	J	7.5	-63	91	-0.0	-0.6	-5.9	5	J
14	406	16.0	61	J	7.8	-82	315	0.6	-3.7	-4.8	5	J
15	390	18.0	57	J	7.6	-40	133	-3.6	1.2	-5.8	3	J
16	380	18.8	57	J	8.0	-17	147	-5.8	2.4	-3.6	3	J
17	381	20.0	71	J	7.7	-32	148	-5.0	1.4	-4.6	3	J
18	381	17.0	68	J	8.7	0	139	-5.1	4.2	-1.6	5	J
19	396	19.0	85	J	9.6	-3	128	-5.7	6.8	-2.7	2	J
20	400	18.6	87	J	10.5	-3	127	-5.6	7.0	-2.4	5	J
21	422	18.3	95	J	10.7	40	87	0.3	6.3	3.2	8	J
22	433	18.3	102	J	10.8	49	71	1.9	6.9	5.4	6	J
23	419	20.7	78	J	11.2	5	132	-6.4	7.1	-0.7	6	J
24	427	23.9	79	J	8.7	-20	147	-5.8	3.1	-3.2	6	J
					SEP. 26, 1976							270
1	449	32.2	69	J	5.1	31	335	3.3	-1.0	2.5	3	J
2	447	17.5	127	J	8.6	5	329	7.3	-4.0	1.9	3	J
3	441	6.6	122	J	7.8	0	352	7.2	-1.0	0.3	3	J
4	440	7.0	82	J	9.1	-4	327	7.4	-4.7	1.1	2	J
5	440	7.8	84	J	9.5	0	328	8.0	-4.6	2.0	1	J
6	418	7.5	93	J	8.9	4	339	8.1	-2.5	1.9	2	J
7	457	6.5	118	J	7.5	19	349	5.6	0.0	2.2	5	J
8	513	4.8	192	J	5.9	33	4	4.6	1.8	2.4	2	J
9	545	5.5	163	L	5.7	31	344	4.2	0.4	2.9	3	J
10	548	4.9	122	J	5.3	21	324	3.4	-1.1	2.7	3	J
11	542	5.7	159	L	4.8	-33	332	3.2	-2.7	-1.0	2	J
12	539	5.8	147	J	5.0	-32	335	2.8	-2.2	-0.9	3	J
13	522	6.0	200	J	5.3	7	325	3.8	-1.9	1.9	2	J
14	517	5.6	151	J	5.0	8	318	3.5	-2.3	2.2	2	J
15	511	5.3	93	J	5.0	11	331	4.1	-1.6	1.9	1	J
16	506	5.5	67	J	4.7	-18	319	3.1	-3.0	3.0	2	J
17	487	4.2	115	J	6.1	-16	309	3.6	-4.8	0.3	1	J
18	456	5.8	43	J	5.8	-23	304	2.9	-4.9	-0.6	1	J
19	448	7.4	51	J	5.5	-15	316	3.7	-3.9	-0.2	1	J
20	452	13.1	53	J	2.7	8	312	1.6	-1.6	0.8	1	J
21	436	10.0	99	J	3.9	1	342	3.6	-1.1	0.3	1	J
22	439	9.9	100	J	4.5	18	13	3.8	1.1	1.1	2	J
23	454	14.1	56	J	2.7	-43	336	1.3	-0.8	-1.2	2	J
24	457	13.5	45	J	3.1	-27	281	0.3	-1.9	-0.5	3	J
					SEP. 27, 1976							271
1	459	14.6	43	J	3.2	-50	330	1.1	-1.0	-1.3	3	J
2	453	24.2	28	J	2.5	9	8	1.2	0.2	0.1	2	J
3	454	25.4	31	J	2.9	9	93	-0.1	1.4	-0.2	3	J
4	453	19.9	33	J	4.2	-8	138	-2.4	1.8	-1.2	3	J
5	453	19.4	39	J	4.0	37	129	-1.9	3.1	1.2	2	J
6	447	18.2	48	J	4.9	21	165	-4.1	1.7	1.0	2	J
7	440	12.6	69	J	4.8	14	145	-3.4	2.6	-0.3	2	J
8	440	10.7	76	J	4.9	30	173	-3.1	1.3	1.3	3	J
9	430	9.7	72	J	4.6	-5	94	-0.3	3.4	-2.7	2	J
10	432	11.1	65	J	4.6	-8	109	-1.4	3.0	-2.8	1	J
11	427	8.3	77	L								
12	427	8.4	80	L								
13	422	8.7	63	L								
14	429	12.1	53	J	3.4	5	140	-2.5	2.0	-0.9	1	J
15	429	11.3	58	J	3.7	-28	93	-0.1	0.8	-1.3	4	J
16	436	10.9	52	J	4.1	-11	350	3.9	-1.0	-0.4	1	J
17	432	12.3	44	J	3.3	1	337	2.9	-1.1	0.5	1	J
18	430	15.7	43	J	2.3	9	314	1.5	-1.3	0.9	1	J
19	422	11.8	48	J	3.4	12	344	3.0	-0.6	0.9	1	J
20	419	11.9	42	L	3.1	-8	139	-2.1	1.7	-0.9	2	J
21	411	12.6	22	J	4.3	-20	343	3.9	-1.5	-1.2	1	J
22	412	13.9	23	J	4.3	-22	332	3.5	-2.2	-1.2	1	J
23	424	14.4	42	J	3.0	-3	328	2.2	-1.4	0.2	2	J
24	412	10.6	25	J	4.9	-8	333	4.2	-2.3	-0.2	1	J
					SEP. 28, 1976							272
1	408	11.8	27	J	4.1	-20	333	3.3	-2.0	-0.9	1	J
2	403	11.3	34	J	4.4	-8	345	4.1	-1.2	-0.3	1	J
3	398	10.7	32	J	5.0	8	356	4.8	-0.1	0.8	1	J
4	398	10.4	31	J	4.5	24	359	3.7	0.5	1.5	2	J
5	399	10.2	33	J	4.8	17	39	2.8	2.5	0.1	3	J
6	404	6.2	41	J	5.1	23	41	3.2	3.3	0.4	2	J
7	400	5.0	41	J	5.0	16	16	4.5	1.8	0.5	1	J
8												
9	392	4.9	44	J	5.1	18	339	4.5	-0.6	2.3	1	J
10	395	3.7	51	J	5.4	18	345	4.9	-0.3	2.2	1	J
11					4.9	26	5	2.7	0.9	0.9	4	J
12					5.0	15	351	4.8	0.1	1.5	0	J
13	393	5.4	66	L								
14	398	6.6	57	L	3.7	-2	5	3.6	0.2	-0.3	1	J
15	390	4.9	67	L								
16	396	4.9	66	J	4.6	-17	321	3.0	-2.7	0.0	2	J
17	401	6.0	47	J	4.0	-41	308	1.3	-2.3	-1.0	3	J
18	375	7.0	31	J	4.7	3	317	3.4	-2.9	1.3	1	J
19	369	7.4	25	J	5.4	-6	336	4.8	-2.2	0.1	1	J
20	367	8.2	29	J	6.1	-11	2	5.7	-0.1	-1.1	2	J
21	368	8.0	26	J	5.4	-26	2	4.8	-0.4	-2.3	1	J
22	372	8.2	43	L	5.0	20	315	3.3	-2.9	2.4	1	J
23	384	12.2	33	L	3.3	66	113	-0.1	0.5	0.7	3	J
24	369	10.0	26	J	3.5	25	158	-2.9	1.4	1.2	1	J
					SEP. 29, 1976							273
1	370	8.2	34	L	4.1	26	179	-3.6	0.5	1.7	1	J
2	363	8.9	28	J	4.0	-26	193	-3.2	-1.1	-1.4	1	J
3	369	10.1	28	J	3.6	-39	151	-2.2	0.5	-2.3	2	J
4	388	14.7	32	J	2.4	-43	133	-1.9	0.6	-1.7	2	J
5	388	16.7	32	J	2.7	-79	71	0.1	-0.5	-2.2	2	J
6	387	20.0	28	J	4.4	-26	304	2.2	-3.7	-0.3	1	J
7	385	23.2	28	J	4.2	14	307	2.4	-2.3	2.4	1	J
8	395	20.6	34	J	5.0	63	328	0.8	0.6	1.9	4	J
9	410	15.1	43	L	4.1	59	71	0.5	2.5	1.3	3	J
10	417	13.2	65	J	7.1	-11	292	2.4	-5.6	2.3	4	J
11	428	23.0	69	J	4.1	-2	36	1.5	0.8	-0.7	4	J
12	424	20.1	56	J	5.6	30	54	2.7	4.6	0.1	2	J
13	411	20.2	30	J	3.9	35	7	3.2	1.5	1.7	0	J
14	406	19.4	29	J	3.5	30	353	2.1	0.4	1.2	3	J
15	421	5.6	49	L								
16	424	4.7	59	L								
17	406	13.0	36	J	5.0	40	14	3.5	2.0	2.4	1	J
18	418	17.9	29	J	4.1	17	72	1.0	3.3	-0.1	2	J
19	434	6.9	77	L								
20	458	3.9	99	L								
21	463	3.7	94	L								
22	450	4.8	69	L								
23	448	4.7	69	L								
24	426	4.7	71	L								
					SEP. 30, 1976							274
1	418	4.9	64	L								
2	411	6.3	73	L								
3												
4	398	5.6	55	L								
5	393	6.8	52	L								
6	389	6.8	52	L								
7	383	6.1	51	L								
8	378	6.6	47	L								
9	376	8.1	41	L								
10	372	10.6	43	L								
11	377	13.5	44	L								
12	379	20.9	43	L								
13	382	24.2	46	L								
14	378	25.4	46	L								
15												
16	394	36.6	43	L								
17	385	24.4	73	L								
18	392	17.2	69	L								
19	398	15.2	85	L								
20	412	12.2	100	L								
21	419	10.5	89	L								
22	436	10.3	116	L								
23	461	8.1	128	L								
24												

10/01/76 - 10/09/76

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 1, 1976							275
1	476	0.0	0	H								
2	477	8.6	89	L								
3	482	7.0	74	L								
4	484	7.3	80	L								
5	485	7.9	84	L								
6	478	8.7	79	L								
7	474	8.9	71	L								
8	470	7.3	121	L								
9	465	6.3	121	L								
10	474	6.9	127	L								
11	475	0.0	0	H								
12												
13												
14												
15												
16	484	5.2	83	L								
17	482	5.6	69	L								
18	486	5.7	80	L								
19	500	4.6	76	L								
20	482	4.2	66	L								
21	475	6.2	134	L								
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 2, 1976							276
1												
2	502	0.0	0	H								
3	503	0.0	0	H								
4												
5	501	6.9	135	L								
6	517	7.6	175	L								
7	524	8.1	197	L								
8	523	6.7	197	L								
9												
10												
11	554	0.0	0	H								
12	527	0.0	0	H								
13												
14												
15	518	5.1	122	L								
16												
17												
18	503	3.2	80	L								
19	497	3.8	84	L								
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. 4, 1976							278
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	349	11.9	23	L								
12	349	16.1	21	L								
13	352	20.5	20	L	2.7	-11	177	-2.1	-0.1	-0.4	2	J
14	358	11.5	32	J	4.9	-9	64	1.1	1.8	-1.5	4	J
15	352	12.9	37	J	5.0	62	120	-1.0	3.4	2.6	2	J
16	354	13.5	41	J	4.6	24	105	-0.9	3.6	-0.1	3	J
17	353	13.9	46	J	5.3	51	147	-2.6	3.1	2.9	2	J
18	354	16.1	38	J	4.8	36	114	-1.3	3.7	1.2	3	J
19	357	17.5	32	J	5.3	52	75	0.8	4.2	3.0	1	J
20	345	16.6	33	J	5.5	57	144	-1.8	2.1	3.0	3	J
21	346	13.0	31	J	5.5	-36	52	2.6	2.6	-3.8	2	J
22	338	14.4	44	J	4.5	5	152	-3.0	1.6	-0.0	3	J
23	349	13.9	51	J	4.9	-41	91	-0.0	2.1	-2.7	4	J
24	349	16.6	57	J	5.0	83	114	-0.2	1.1	3.2	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 5, 1976							279
1	346	17.3	67	J	3.9	-16	91	-0.1	2.6	-1.5	3	J
2	358	17.1	51	J	6.4	-27	73	1.6	4.3	-4.0	2	J
3	365	17.4	56	J	6.3	-41	68	1.3	2.2	-3.9	4	J
4	368	18.6	58	J	7.1	-7	62	2.8	4.8	-2.5	4	J
5	360	16.1	58	J	8.2	8	96	-0.7	5.2	-1.4	6	J
6	343	15.1	68	J	7.3	32	152	-4.5	3.5	1.8	4	J
7	359	16.5	92	J	6.9	65	202	-2.4	1.9	5.4	3	J
8	353	16.5	109	J	7.3	54	192	-3.2	1.8	4.2	5	J
9	365	11.6	112	J	8.7	-8	99	-1.3	6.0	-5.3	3	J
10	366	9.5	105	J	9.3	17	85	0.7	8.1	-2.5	4	J
11	372	8.6	170	J	7.7	21	115	-2.3	5.3	-1.1	5	J
12	373	6.5	93	J	10.5	39	210	-6.9	0.3	7.6	2	J
13	374	6.6	105	J	10.7	41	199	-7.4	1.5	7.1	2	J
14	368	6.7	109	J	10.1	36	153	-6.9	6.1	3.4	2	J
15	361	6.4	123	J	9.2	28	113	-2.6	7.0	0.2	5	J
16	359	5.5	135	J	8.6	32	118	-2.9	6.7	1.1	4	J
17	358	6.9	135	J	7.8	-1	91	-0.1	6.7	-2.9	3	J
18	357	5.4	146	J	7.3	5	90	0.0	6.5	-1.7	3	J
19	353	4.7	148	J	7.1	3	85	0.6	6.8	-1.7	1	J
20	357	5.2	152	J	6.6	3	100	-1.1	6.3	-1.3	1	J
21	371	6.2	91	J	7.1	14	136	-4.3	4.4	3.5	3	J
22	386	6.5	96	J	7.8	-2	116	-2.9	5.8	-1.4	4	J
23	385	6.5	81	J	8.1	34	148	-4.8	3.7	3.1	4	J
24	378	6.2	116	J	8.6	41	138	-4.8	5.3	4.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 6, 1976							280
1	373	6.2	105	J	7.6	22	150	-5.7	3.8	1.9	3	J
2	370	5.5	89	J	7.6	26	139	-5.0	5.0	2.0	2	J
3	386	6.5	87	J	8.0	27	128	-4.3	6.3	1.8	2	J
4	400	6.4	89	J	8.0	5	123	-3.8	5.8	-1.4	4	J
5	402	6.1	88	J	7.7	-4	112	-2.6	5.8	-3.0	3	J
6	400	5.3	79	J	7.6	-17	109	-2.1	4.5	-4.4	4	J
7	379	5.3	81	J	7.4	-25	149	-5.5	1.5	-4.2	2	J
8	378	4.6	92	J	7.2	-34	138	-4.2	1.3	-5.3	2	J
9	376	4.2	84	J	7.3	-23	116	-2.7	3.2	-5.2	3	J
10	369	4.5	101	J	7.8	-3	106	-2.0	5.6	-4.2	3	J
11	365	4.8	120	J	8.0	3	87	0.4	6.7	-4.1	1	J
12	330	3.1	78	J	7.5	9	89	0.1	6.7	-3.1	1	J
13	318	2.9	70	J	7.3	7	81	1.1	6.5	-3.1	1	J
14	304	2.7	70	J	7.5	0	71	2.4	6.0	-3.6	2	J
15	320	2.9	74	J	7.0	8	93	-0.3	6.0	-2.2	3	J
16	321	3.2	76	J	6.5	10	116	-2.5	5.1	-1.3	3	J
17	349	3.4	66	J	6.9	33	177	-5.2	1.6	3.0	3	J
18	368	4.1	68	J	7.2	35	165	-5.1	2.6	3.0	3	J
19	389	5.1	65	J	8.1	34	151	-5.1	3.8	2.9	4	J
20	411	7.4	30	J	8.5	-5	83	0.9	7.1	-2.5	4	J
21	416	7.0	34	J	8.4	9	109	-2.3	6.7	-0.4	5	J
22	436	6.8	95	J	7.4	9	140	-5.4	4.7	0.2	1	J
23	446	6.6	71	J	6.9	9	123	-3.5	5.5	-0.1	2	J
24	429	6.0	55	J	6.3	4	136	-4.1	4.0	-0.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 7, 1976							281
1	421	6.3	74	J	5.8	2	157	-5.0	2.1	-0.3	2	J
2	440	6.0	69	J	6.1	-7	132	-3.8	3.9	-1.7	2	J
3	427	5.8	78	J	6.0	10	182	-5.6	0.1	1.0	2	J
4	426	5.2	95	J	5.8	23	191	-5.4	-0.3	2.2	1	J
5	423	5.0	84	J	5.8	20	190	-5.2	-0.1	2.1	1	J
6	425	5.2	95	J	5.7	15	190	-5.3	-0.2	1.7	1	J
7	416	4.9	46	J	5.9	20	193	-5.0	-0.1	2.2	2	J
8												
9	402	4.0	72	L	5.7	11	170	-5.4	1.4	0.4	1	J
10	400	3.6	32	J	5.4	-1	173	-5.3	0.5	-0.4	1	J
11	400	3.5	39	J	4.8	3	169	-4.6	0.9	-0.3	1	J
12	400	3.8	37	J	4.7	0	173	-4.6	0.5	-0.3	1	J
13	400	5.0	42	J	5.0	-22	171	-4.4	-0.4	-1.9	1	J
14	391	4.9	50	J	5.0	-11	170	-4.7	0.2	-1.2	1	J
15	394	5.4	42	J	4.9	-22	173	-4.4	-0.4	-1.8	1	J
16	389	5.6	53	J	5.1	-12	167	-4.8	0.5	-1.4	1	J
17	391	7.1	55	J	5.6	-28	189	-4.7	-1.7	-2.1	1	J
18	390	7.7	68	J	5.7	-17	198	-4.8	-2.0	-0.9	2	J
19	384	7.7	69	J	6.6	-13	196	-6.0	-2.1	-0.9	2	J
20	379	7.5	58	J	7.3	-7	208	-6.2	-3.4	-0.0	2	J
21	369	7.8	30	J	7.1	0	209	-6.1	-3.3	0.7	1	J
22	372	7.7	48	J	7.1	14	187	-6.7	-0.5	1.8	1	J
23	372	7.5	33	J	7.2	19	179	-6.7	0.6	2.2	1	J
24	368	7.1	28	J	6.9	19	195	-6.2	-1.2	2.5	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 8, 1976							282
1	365	6.9	28	J	6.4	19	198	-5.8	-1.4	2.4	1	J
2	359	7.4	43	J	5.8	18	202	-4.9	-1.5	2.1	2	J
3	376	6.1	44	J	6.0	26	196	-4.8	-0.6	2.8	2	J
4	386	6.6	88	J	5.3	7	161	-4.8	1.8	0.0	1	J
5	383	7.1	106	J	4.6	3	171	-4.4	0.7	-0.1	1	J
6	390	7.6	108	J	5.0	10	168	-4.5	1.2	0.3	2	J
7	387	7.4	127	J	4.4	0	164	-3.9	1.0	-0.5	1	J
8	384	8.4	75	J	5.0	-7	158	-4.2	1.2	-1.4	2	J
9	383	8.5	83	J	5.1	-15	161	-4.5	0.6	-1.9	1	J
10	379	8.0	84	J	4.7	-1	162	-4.4	1.1	-0.9	1	J
11	383	8.7	73	J	5.3	12	166	-5.0	1.7	0.2	1	J
12	379	9.9	54	J	4.9	18	143	-3.3	2.9	-0.3	2	J
13	391	8.8	60	J	4.9	15	152	-3.7	2.2	-0.1	3	J
14	388	9.3	64	J	5.2	7	144	-4.0	2.8	-1.0	1	J
15	389	9.7	63	J	4.6	-8	100	-0.6	2.8	-2.0	3	J
16	391	9.7	56	J	3.9	-22	82	0.3	1.8	-2.0	3	J
17	405	9.8	56	J	4.3	-13	17	3.8	0.7	-1.3	1	J
18	376	8.6	55	J	4.0	-1	152	-3.3	1.6	-0.6	1	J
19	377	8.8	65	J	3.7	-5	134	-2.6	2.4	-1.1	0	J
20	375	8.2	39	J	3.7	-5	142	-2.7	2.0	-0.8	1	J
21	375	8.5	47	J	3.6	0	159	-3.3	1.2	-0.3	1	J
22	381	9.0	83	J	4.3	10	177	-4.0	0.4	0.7	1	J
23	376	7.9	38	J	3.9	1	180	-3.7	0.0	0.1	2	J
24	390	9.4	48	J	2.6	-27	65	0.8	1.4	-1.2	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 9, 1976							283
1	380	9.1	45	J	2.7	-2	141	-1.4	1.1	-0.3	2	J
2	380	9.6	32	J	3.6	-32	111	-0.9	1.9	-2.1	2	J
3	382	9.7	34	J	3.7	-12	29	3.0	1.4	-1.2	1	J
4	375	9.5	35	J	3.4	18	130	-1.1	1.4	0.1	3	J
5	367	9.1	36	J	4.2	15	159	-3.6	1.7	0.4	1	J
6	367	9.8	30	J	3.7	-15	105	-0.7	2.2	-1.9	2	J
7	360	9.7	39	L								
8	356	10.6	42	J	3.6	35	178	-2.7	1.1	1.6	1	J
9	354	11.1	46	J	3.4	22	137	-2.0	2.2	-0.1	2	J
10	364	10.7	32	J	3.8	4	75	0.9	2.9	-1.7	2	J
11	361	10.2	31	J	4.3	30	90	0.0	4.0	-0.3	2	J
12	360	11.8	37	L	4.3	-21	68	1.5	2.2	-3.3	1	J
13	366	13.6	40	J	4.6	-32	62	1.6	1.4	-3.4	2	J
14	367	14.3	40	J	4.4	-5	77	0.9	3.2	-2.3	2	J
15	369	14.3	38	J	3.5	30	98	-0.3	2.7	0.1	2	J
16	362	12.5	39	J	4.6	56	170	-2.3	1.9	3.0	2	J
17	363	12.9	41	J	5.3	9	115	-2.0	4.2	-0.9	3	J
18	372	13.3	42	J	6.1	-28	85	0.4	3.5	-3.8	3	J
19	367	11.0	34	J	6.3	15	138	-4.1	4.0	0.4	3	J
20	357	9.1	43	L	5.8	23	137	-3.0	3.1	1.0	4	J
21	363	10.0	25	J	5.1	13	132	-2.6	3.0	0.3	3	J
22	372	8.7	48	L								
23	363	8.6	48	L	4.5	18	121	-2.2	3.9	0.7	0	J
24	365	7.8	45	L	3.9	-2	103	-0.8	3.4	-0.8	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 10, 1976							284
1	360	7.5	42	L	3.7	-4	100	-0.6	3.4	-1.0	1	J
2	361	7.9	38	L	3.7	-8	131	-2.4	2.6	-1.2	1	J
3	364	8.3	25	J	4.1	-6	65	1.6	3.2	-1.4	1	J
4	364	8.1	22	J	3.6	-25	70	1.1	2.3	-2.4	1	J
5	363	7.0	25	J	3.5	-44	77	0.4	1.0	-2.5	2	J
6	361	6.2	28	J	2.4	-58	132	-0.7	-0.0	-1.8	2	J
7	357	6.1	36	J	2.6	-13	147	-1.6	0.7	-0.9	2	J
8	358	6.0	25	J	2.4	-9	89	0.0	1.6	-1.3	1	J
9	359	6.1	23	J	2.7	2	88	0.1	2.1	-1.3	1	J
10	356	5.5	24	L								
11	354	6.2	27	L								
12	352	6.3	22	L								
13	354	6.1	23	L								
14	354	7.4	20	L								
15	350	9.5	29	J	3.4	-33	107	-0.6	1.1	-2.1	2	J
16	352	11.0	35	J	4.3	3	130	-2.7	3.0	-1.2	1	J
17	355	12.6	32	J	4.7	4	129	-2.9	3.4	-1.0	1	J
18	362	20.3	29	L								
19	365	18.1	37	L								
20	362	21.0	35	J	4.3	-20	23	2.0	0.6	-1.0	4	J
21	368	15.8	27	J	7.5	28	144	-5.1	4.4	2.5	2	J
22	379	17.2	33	J	7.8	-22	10	7.0	0.7	-3.1	1	J
23	373	13.7	48	L								
24	387	20.1	58	L								
					OCT. 11, 1976							285
1	361	18.3	42	J	6.4	13	98	-0.9	6.2	0.1	1	J
2	364	19.4	57	J	6.3	22	123	-2.3	3.8	0.8	2	J
3	362	20.0	59	J								
4	355	18.2	60	J	5.2	15	211	-4.2	-2.0	2.1	1	J
5	349	15.2	54	J	6.0	26	168	-4.9	1.9	1.9	2	J
6	342	15.5	60	J	6.0	26	182	-5.1	0.9	2.3	2	J
7	340	15.0	61	J	5.7	31	174	-4.7	1.8	2.3	2	J
8	336	13.2	48	J	5.6	24	175	-4.8	1.5	1.6	1	J
9	339	12.1	44	J	5.9	21	172	-5.4	1.8	1.3	1	J
10	347	11.1	59	J	5.8	18	146	-4.4	3.4	-0.2	2	J
11	353	9.2	60	J	5.8	26	149	-4.4	3.6	0.6	1	J
12	351	10.5	78	J	5.1	18	145	-3.7	3.0	-0.2	1	J
13	363	10.0	45	J	4.6	-18	90	0.0	2.8	-3.4	1	J
14	358	12.7	97	J	4.0	-19	99	-0.6	2.5	-2.9	1	J
15	350	8.7	56	L	3.9	-27	110	-1.2	2.1	-3.1	0	J
16	350	9.8	43	J	3.8	-7	102	-0.7	3.0	-1.9	1	J
17	369	13.5	40	J	5.8	12	88	0.2	5.5	-0.7	2	J
18	373	15.6	59	J	5.1	-44	359	1.9	-0.5	-1.7	4	J
19	370	15.2	58	J	5.0	-55	288	0.7	-2.6	-2.6	3	J
20	365	17.4	59	J	6.1	-23	233	-2.7	-3.8	-1.1	4	J
21	379	22.9	36	J	4.1	13	202	-3.2	-1.1	1.0	2	J
22	377	18.6	35	L	3.1	-21	153	-2.5	1.1	-1.3	1	J
23	375	16.6	36	L	3.6	-37	133	-1.9	1.6	-2.5	1	J
24												
					OCT. 12, 1976							286
1	382	15.1	36	L	2.4	-59	160	-1.0	-0.0	-1.8	2	J
2	379	14.0	36	L	2.7	-35	85	0.2	1.4	-1.6	2	J
3	369	14.1	32	J	3.6	-20	101	-0.6	2.6	-2.1	1	J
4	372	15.9	34	J	3.7	-20	99	-0.5	2.6	-2.1	2	J
5	372	15.1	27	J	6.9	-15	312	4.3	-5.1	0.2	2	J
6	373	17.3	24	J	7.6	-9	298	3.5	-6.4	1.8	1	J
7	373	21.0	25	J	7.9	0	287	2.2	-6.3	3.4	3	J
8	373	25.4	28	J	7.4	14	257	-1.6	-5.1	5.1	1	J
9	372	20.3	33	J	8.7	15	262	-1.2	-5.7	6.3	1	J
10	368	16.0	36	J	9.1	14	266	-0.6	-6.0	6.5	1	J
11	369	17.5	34	J	8.4	15	261	-1.2	-5.3	6.1	2	J
12	365	19.0	34	J	7.9	23	256	-1.7	-4.1	6.3	2	J
13	360	21.9	36	J	7.4	23	257	-1.4	-3.7	5.3	3	J
14	357	23.5	33	J	7.4	4	246	-2.8	-5.3	3.6	2	J
15	356	25.5	37	J	7.8	47	225	-3.5	-0.6	6.4	2	J
16	358	26.1	44	J	5.1	42	240	-1.9	-1.5	4.5	1	J
17	346	30.3	38	J	3.5	27	250	-0.8	-1.5	1.8	3	J
18	365	26.0	54	J	4.7	-41	48	0.8	0.5	-1.3	5	J
19	367	20.1	65	J	7.0	-77	338	0.8	-1.4	-3.6	6	J
20	361	22.1	71	L								
21	382	0.0	0	H								
22												
23	370	0.0	0	H								
24	394	15.5	87	L								
					OCT. 13, 1976							287
1	385	13.6	82	L								
2	383	12.6	72	L								
3	384	13.7	85	L								
4	396	13.2	113	L								
5	415	11.0	100	L								
6	414	9.6	98	L								
7	409	9.5	90	L								
8	408	9.1	84	L								
9	402	7.3	76	L								
10	394	6.9	61	L								
11	393	6.2	60	L								
12	382	9.5	58	L								
13	376	8.6	56	L								
14	373	9.8	44	L								
15	368	8.2	47	L								
16	364	8.6	41	L								
17	355	9.7	25	L								
18	349	9.1	26	L								
19	349	8.9	27	L								
20	353	11.1	29	L								
21	352	10.4	30	L								
22	353	11.3	34	L								
23	351	9.6	36	L								
24	350	9.3	37	L								
					OCT. 14, 1976							288
1	362	0.0	0	H								
2	362	0.0	0	H								
3												
4	345	9.4	29	L								
5	338	10.6	26	L								
6	334	12.5	22	L								
7												
8												
9	345	14.1	29	L								
10	341	13.5	32	L								
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					OCT. 15, 1976							289
1												
2												
3	398	14.2	65	L								
4												
5	408	21.1	82	L								
6												
7	497	11.3	234	L								
8	570	11.9	337	L								
9	613	10.5	362	L								
10	637	9.3	372	L								
11												
12												
13												
14												
15	678	7.5	314	L								
16												
17												
18												
19												
20												
21												
22												
23												
24												
					OCT. 16, 1976							290
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	668	3.9	310	L								
23	655	3.9	272	L								
24	640	3.9	255	L								
					OCT. 17, 1976							291
1	656	5.0	365	J								
2	620	4.2	191	J								
3	631	4.6	263	J								
4	629	4.2	241	J								
5	619	4.4	151	J	7.4	-13	173	-6.8	0.2	-1.8	2	J
6	638	4.6	242	J	7.6	-23	167	-5.1	0.1	-2.5	5	J
7	629	4.9	288	J	7.1	-9	148	-4.0	1.9	-1.8	5	J
8	651	4.8	352	J	6.8	-32	188	-3.6	-1.6	-1.7	5	J
9	664	3.9	257	J	6.6	-15	118	-2.6	3.4	-3.8	3	J
10	676	3.8	290	J	6.4	-1	110	-1.9	4.3	-2.9	3	J
11	660	3.9	305	J	6.3	4	138	-2.9	2.3	-1.2	5	J
12	625	3.9	272	J	6.0	10	200	-4.0	-0.8	1.4	4	J
13	628	3.7	237	J	6.5	0	135	-3.7	3.2	-1.9	4	J
14	651	4.0	232	J	6.4	14	118	-2.3	4.4	-1.1	4	J
15	613	4.7	238	J	6.4	18	207	-4.2	-1.2	2.3	4	J
16	598	4.8	217	J	7.1	3	198	-6.5	-1.8	1.2	2	J
17	594	4.6	211	J	7.0	3	165	-6.3	1.7	-0.3	2	J
18	602	4.3	212	J	6.6	2	141	-4.6	3.6	-1.0	3	J
19	584	4.0	191	J	6.2	-11	186	-4.9	-0.7	-0.8	4	J
20	580	3.8	215	J	5.8	13	199	-5.0	-1.4	1.6	2	J
21	583	3.3	189	L	6.2	6	182	-5.1	-0.1	0.6	3	J
22	602	3.3	183	J	6.1	-6	171	-5.0	0.7	-0.7	3	J
23	613	3.2	193	J	5.9	-26	114	-1.7	3.5	-2.7	4	J
24	590	3.0	172	J	6.3	-5	142	-3.8	2.8	-0.9	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
					OCT. 18, 1976							292
1	567	2.8	151	J	5.7	1	147	-4.2	2.7	-0.4	2	J
2	603	2.9	198	J	5.8	-19	111	-1.8	4.2	-2.8	2	J
3	599	3.2	192	J	6.3	-25	108	-1.6	4.2	-3.7	2	J
4	566	3.0	179	J	6.1	-10	128	-3.3	3.7	-2.2	3	J
5	563	2.6	164	J	5.9	5	149	-4.5	2.7	-0.6	2	J
6	576	2.6	172	J	5.5	-9	171	-4.8	0.4	-1.0	2	J
7	567	2.7	141	J	5.5	-13	189	-5.1	-1.3	-0.7	1	J
8	578	2.7	159	J	5.2	-3	204	-4.3	-1.8	0.7	2	J
9	586	2.7	177	J	5.2	-25	219	-3.1	-3.1	-0.3	3	J
10	572	2.7	166	J	5.9	-18	156	-4.4	0.8	-2.4	3	J
11	569	2.6	193	J	5.3	-3	143	-3.8	2.3	-1.8	2	J
12	586	3.0	248	J	5.1	23	130	-2.6	3.4	-0.4	3	J
13	571	2.6	167	J	4.6	32	153	-2.8	2.2	0.9	3	J
14	565	2.7	182	J	4.6	17	145	-2.8	2.2	-0.0	3	J
15	539	2.8	172	J	4.7	22	169	-3.8	1.4	1.1	2	J
16	527	2.6	160	J	5.0	35	167	-3.4	1.7	1.9	2	J
17	536	2.4	138	J	5.4	-6	125	-2.8	3.5	-1.9	2	J
18	507	2.5	84	J	5.7	36	177	-4.4	1.2	2.9	2	J
19	495	2.5	88	J	5.7	12	164	-4.7	1.6	0.6	3	J
20	519	2.5	118	J	5.6	-3	123	-2.8	4.2	-1.2	2	J
21	525	2.3	144	J	5.1	10	125	-2.5	3.6	0.1	2	J
22	512	2.7	117	J	5.0	-6	201	-4.4	-1.7	-0.2	2	J
23	505	2.8	112	J	5.2	-1	212	-4.2	-2.6	0.4	1	J
24	500	2.8	117	J	5.0	17	186	-4.5	-0.2	1.4	1	J
					OCT. 19, 1976							293
1	506	2.6	135	J	5.1	23	155	-3.9	2.1	1.4	2	J
2	503	2.9	122	J	4.9	6	183	-4.6	-0.1	0.5	2	J
3	501	2.9	105	J	4.8	7	195	-4.5	-1.0	0.9	1	J
4	496	2.9	104	J	4.8	11	191	-4.6	-0.6	1.2	1	J
5	496	2.6	94	J	4.5	3	184	-4.4	-0.2	0.3	1	J
6	489	2.8	115	J	4.5	42	163	-2.6	1.8	1.9	2	J
7	461	3.3	118	J	5.1	8	199	-4.0	-1.0	1.2	3	J
8	457	3.2	98	J	5.2	-2	209	-4.5	-2.2	1.1	1	J
9	468	2.9	95	J	5.1	-1	196	-4.8	-1.2	0.6	1	J
10	474	2.6	71	J	5.6	-11	192	-5.1	-1.5	-0.3	1	J
11	477	2.4	69	J	5.6	-21	201	-4.8	-2.6	-0.7	1	J
12	482	3.0	86	J	5.1	-34	190	-3.6	-1.8	-1.7	3	J
13	499	3.5	94	J	4.6	-50	181	-2.5	-1.6	-2.5	2	J
14	491	3.2	105	J	5.1	-29	224	-3.1	-3.8	-0.6	1	J
15	495	4.3	77	J	5.0	-44	175	-3.2	-1.1	-2.9	2	J
16	497	5.0	81	J	4.8	-39	164	-2.6	-0.2	-2.3	3	J
17	533	6.4	81	J	3.3	-35	213	-1.7	-1.6	-0.9	2	J
18	494	6.5	90	J	3.4	-18	212	-2.7	-2.0	-0.5	0	J
19	491	6.5	99	J	3.2	-31	202	-2.4	-1.3	-1.2	1	J
20	489	6.3	101	J	2.9	-14	158	-2.2	0.8	-0.8	1	J
21	488	6.1	95	J	3.4	-25	156	-2.6	0.9	-1.5	1	J
22	472	6.2	127	J	3.7	28	183	-3.0	0.1	1.6	1	J
23	469	5.9	127	J	3.8	-1	154	-2.8	1.3	-0.3	2	J
					OCT. 20, 1976							294
1	471	5.8	92	J	3.9	0	125	-2.2	3.1	-0.6	1	J
2	472	6.1	100	J	3.5	17	138	-1.8	1.7	0.4	2	J
3	466	6.1	94	J	2.7	21	138	-1.2	1.3	0.3	2	J
4	450	5.9	80	J	3.3	-20	153	-2.5	0.9	-1.4	1	J
5	455	6.8	79	J	3.6	-16	111	-1.0	2.2	-1.8	2	J
6	453	6.5	79	J	3.3	27	107	-0.7	2.7	0.2	2	J
7	450	6.9	77	J	3.5	55	77	0.4	2.5	1.4	2	J
8	452	6.5	89	J	3.3	38	61	1.0	2.3	0.5	2	J
9	445	6.6	68	J	3.3	-12	89	0.0	1.9	-1.8	2	J
10	430	6.2	90	J	3.3	2	153	-2.2	1.0	-0.5	2	J
11	424	6.3	78	J	3.4	-11	143	-2.3	1.1	-1.4	2	J
12	418	6.5	65	J	3.6	17	156	-3.1	1.7	0.1	1	J
13	414	6.5	49	J	3.4	2	147	-2.3	1.4	-0.7	2	J
14	434	6.7	51	J	3.6	-7	44	2.5	1.9	-1.5	1	J
15	420	6.1	53	J	4.1	-3	52	2.5	2.7	-1.6	1	J
16	413	6.9	57	J	3.6	6	77	0.6	2.3	-0.7	2	J
17	393	6.3	73	J	3.9	2	158	-3.4	1.3	-0.4	1	J
18	405	6.2	58	J	4.2	-1	145	-3.2	2.1	-0.7	1	J
19												
20												
21												
22	396	12.4	29	J	3.1	-27	179	-2.7	-3.2	-1.4	1	J
23	394	12.6	32	J	3.2	-32	181	-2.1	-0.2	-1.3	2	J
24	389	12.2	39	J	3.5	3	176	-3.2	0.2	0.1	2	J
					OCT. 21, 1976							295
1	389	14.6	33	J	3.1	16	178	-2.8	0.2	0.8	1	J
2	389	16.7	27	J	3.5	10	141	-2.5	2.1	0.1	1	J
3	380	17.6	29	J	4.3	8	119	-2.0	3.7	-0.4	1	J
4	373	11.3	37	J	5.5	12	142	-3.9	3.3	0.1	2	J
5	369	12.0	39	J	5.3	-23	148	-4.0	1.6	-2.8	1	J
6	379	17.8	50	L								
7	352	14.8	40	J	3.8	-15	145	-2.9	1.4	-1.8	1	J
8	359	15.2	42	J	3.9	-16	146	-2.8	1.2	-1.6	2	J
9	355	13.0	56	J								
10	354	26.2	34	J								
11												
12	369	27.2	25	J								
13	375	14.6	41	L								
14	379	18.3	26	J								
15	368	21.6	16	J								
16	364	23.0	21	J								
17	369	23.4	21	J	6.1	18	329	4.9	-2.1	2.8	1	J
18	363	21.2	24	J	6.0	15	325	4.3	-2.5	2.3	2	J
19	362	18.3	24	J	5.9	3	298	2.3	-4.2	1.4	3	J
20	346	24.6	17	J	4.0	-11	319	2.7	-2.4	-0.2	2	J
21	339	26.0	17	J	3.2	16	302	1.5	-2.3	1.3	1	J
22	334	21.9	21	J	3.3	-25	27	1.2	0.5	-0.7	3	J
23	324	21.2	22	J	2.3	-1	180	-1.9	-0.0	-0.0	1	J
24	323	20.6	20	J	2.6	-21	174	-1.5	0.1	-0.6	2	J
					OCT. 22, 1976							296
1	321	21.3	19	J	3.0	-16	143	-2.1	1.5	-1.1	1	J
2	327	22.4	17	J	3.1	-1	100	-0.4	2.2	-0.5	2	J
3	327	20.6	18	L								
4	322	28.0	11	L	1.6	-39	81	0.0	0.1	-0.2	2	J
5	322	22.5	12	L	2.4	-30	141	-0.6	0.3	-0.6	2	J
6	322	21.9	20	J	2.6	0	97	-0.3	2.3	-1.0	1	J
7	319	22.4	20	J	3.5	21	99	-0.5	3.2	-0.3	1	J
8	316	23.6	27	J	4.1	0	173	-2.9	0.3	-0.2	3	J
9	322	23.1	17	J	4.2	1	72	1.2	3.3	-1.9	1	J
10	324	19.2	13	J	4.9	3	78	1.0	4.0	-2.2	1	J
11	325	20.2	15	J	5.2	-6	66	2.0	3.6	-2.9	1	J
12	321	20.3	15	J	5.1	2	75	1.1	3.7	-2.1	2	J
13	315	24.7	12	L								
14	318	24.4	15	L								
15	315	27.9	17	L								
16	310	28.3	15	L								
17	309	28.9	15	L								
18	296	18.4	16	L								
19	303	12.0	23	L								
20	299	11.5	28	L								
21	323	13.5	34	L								
22	320	16.6	24	L								
23	314	12.1	19	J								
24	308	12.8	15	J	5.1	25	116	-1.9	4.3	1.4	1	J
					OCT. 23, 1976							297
1	317	15.3	17	J	4.4	10	50	2.5	3.1	0.1	2	J
2	316	17.6	17	J	4.1	7	41	3.0	2.6	-0.1	0	J
3	317	21.1	17	L								
4	313	17.6	15	L								
5												
6	322	22.2	15	J	5.7	-1	82	0.8	4.9	-2.3	1	J
7	319	25.0	19	J	5.4	29	104	-0.5	2.4	0.1	5	J
8	315	12.7	16	J								
9	338	16.0	31	J								
10	340	16.9	30	J								
11	339	19.3	32	L								
12	329	20.6	26	L								
13	326	21.1	23	L								
14	328	22.5	25	L								
15	328	18.5	24	L								
16	326	19.7	19	J	4.5	-28	54	2.3	2.1	-3.1	1	J
17	328	20.4	17	J	4.3	-16	66	1.6	3.0	-2.3	1	J
18	326	20.9	16	J	3.8	0	113	-1.2	2.6	-0.8	2	J
19	333	14.1	23	J	4.7	-17	45	2.6	2.2	-1.7	3	J
20	328	17.2	17	J	4.5	4	82	0.4	2.8	-0.4	3	J
21	321	16.6	13	L								
22	327	17.6	19	L								
23	328	15.0	21	L								
24	333	19.3	12	J								
					OCT. 24, 1976							298
1	336	25.1	13	J	3.7	19	114	-1.4	3.3	0.6	1	J
2	334	26.6	14	J	3.7	22	107	-1.0	3.4	0.7	1	J
3	329	21.9	21	J	3.7	27	92	-0.1	2.6	0.6	3	J
4	329	21.2	20	J	3.1	53	304	1.0	-0.7	2.7	1	J
5	318	13.7	20	J	5.6	36	337	4.1	-0.5	3.6	0	J
6	316	14.4	21	J	5.3	24	335	4.0	-0.9	2.5	2	J
7	321	21.3	25	J	5.1	11	320	3.3	-2.1	2.0	3	J
8	329	26.6	25	J	7.5	-18	305	3.6	-5.5	0.7	3	J
9	325	21.0	26	L								
10	348	17.6	68	J								
11	355	19.2	67	J	4.6	-8	289	1.0	-2.7	1.2	3	J
12	359	18.8	59	J	4.9	-19	274	0.3	-4.4	1.0	2	J
13	359	21.4	51	J	3.7	-32	263	-0.3	-3.0	-0.1	2	J
14	360	18.4	43	J	4.5	-47	279	0.4	-3.4	-1.2	3	J
15	353	16.7	45	J	4.8	-42	314	2.0	-3.0	-1.5	3	J
16	351	15.9	30	J	4.7	-47	277	0.4	-4.1	-1.9	2	J
17	346	17.7	31	J	3.4	-69	231	-0.4	-1.0	-1.3	3	J
18	341	16.8	27	J	4.3	-57	151	-0.9	0.0	-1.7	4	J
19	347	18.3	30	J	3.7	-8	284	0.2	-0.9	0.1	4	J
20	358	16.2	35	J	6.0	-47	248	-1.5	-4.5	-3.4	1	J
21	347	15.7	36	J	5.8	-16	275	0.3	-3.7	-0.4	4	J
22	337	13.5	36	J	4.4	33	333	2.1	-0.8	1.7	3	J
23	342	11.8	37	J	4.6	10	278	0.6	-3.9	1.3	2	J
24	335	11.0	33	J	4.2	-26	291	1.2	-3.3	-1.1	2	J
					OCT. 25, 1976							299
1	335	11.0	34	J	3.8	-54	313	1.2	-1.7	-2.2	2	J
2	339	12.6	42	J	4.4	-65	256	-0.4	-2.5	-3.4	1	J
3	339	14.6	46	J	3.5	-80	334	0.3	-0.6	-1.7	3	J
4	350	15.6	39	J	2.0	30	323	0.7	-0.4	0.6	2	J
5	355	17.4	30	J	1.5	11	279	0.2	-0.8	0.5	1	J
6	345	17.1	30	J	1.3	16	252	-0.3	-0.7	0.6	1	J
7	341	11.7	35	J	5.3	26	254	-1.1	-2.6	3.5	3	J
8	347	10.1	29	J	4.7	9	261	-0.6	-3.0	2.4	3	J
9	341	13.3	23	J	2.7	8	1	2.3	0.2	0.3	1	J
10	342	8.0	32	J	4.4	16	29	2.9	1.9	-0.0	2	J
11	339	8.4	53	J	4.2	9	24	2.9	1.4	-0.2	2	J
12	352	8.4	59	J	10.7	6	337	9.3	-2.9	3.0	5	J
13	355	9.1	58	J	6.9	6	343	6.4	-1.3	1.6	4	J
14	315	13.4	69	J	10.0	10	334	7.9	-2.7	3.2	4	J
15	347	9.3	46	J	8.6	16	336	7.3	-2.0	3.5	4	J
16	353	8.9	36	L	11.9	23	335	9.8	-2.5	6.0	2	J
17	337	14.7	50	J								
18	347	12.4	33	J								
19	345	7.6	24	L								
20	344	8.0	21	L								
21	343	13.0	15	L								
22	337	11.1	14	L								
23	336	12.7	17	L								
24	333	15.1	16	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 26, 1976							300
1	332	14.0	15	L								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	328	0.0	0	H								
14												
15												
16	323	0.0	0	H								
17	316	19.7	19	L								
18	315	22.1	16	L								
19	316	15.0	17	L								
20	316	0.0	0	H								
21	314	0.0	0	H								
22	312	16.2	17	L								
23	319	16.8	25	L								
24	324	18.2	32	L								
					OCT. 27, 1976							301
1	325	18.8	36	L								
2	321	19.4	35	L								
3	327	0.0	0	H								
4	331	0.0	0	H								
5	333	0.0	0	H								
6	327	16.3	37	L								
7	324	16.6	39	L								
8	324	16.5	44	L								
9												
10												
11												
12												
13	332	0.0	0	H								
14	335	31.3	37	L								
15	336	34.5	35	L								
16	340	0.0	0	H								
17	355	0.0	0	H								
18	362	0.0	0	H								
19	377	21.5	82	L								
20	395	17.6	76	L								
21	396	16.7	71	L								
22	393	12.0	66	L								
23	392	12.9	44	L								
24	393	13.1	29	L								
					OCT. 28, 1976							302
1	376	11.1	38	L								
2	365	10.0	42	L								
3	358	9.9	47	L								
4	359	10.3	41	L								
5	356	10.5	41	L								
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					OCT. 29, 1976							303
1	344	11.6	17	L	2.7	4	211	-2.3	-1.1	0.9	1	J
2	343	11.6	17	L	3.0	9	203	-2.6	-0.8	0.9	1	J
3	344	14.8	29	J	3.3	20	187	-3.0	0.2	1.1	1	J
4	338	14.5	19	J	3.2	33	157	-1.9	1.3	0.9	2	J
5	344	12.7	23	J	2.8	32	113	-0.7	1.9	0.4	2	J
6	341	14.9	20	J	2.4	-13	160	-1.6	0.4	-0.5	2	J
7	338	15.7	20	J	2.1	-24	164	-1.8	0.3	-0.9	0	J
8	338	17.8	18	J	1.6	-26	190	-1.2	-0.4	-0.5	1	J
9	333	16.9	13	J	1.4	15	257	-0.3	-1.1	0.6	1	J
10	331	13.7	11	J	2.7	20	203	-2.2	-0.8	1.0	1	J
11	327	12.8	13	J	2.8	4	200	-2.5	-0.9	0.3	0	J
12	326	12.6	14	J	2.5	3	196	-2.3	-0.6	0.2	0	J
13	329	13.8	11	J	2.3	1	219	-1.7	-1.4	0.2	1	J
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					OCT. 30, 1976							304
1	324	12.9	12	J	2.1	24	206	-1.7	-0.7	1.0	0	J
2	321	12.1	12	J	1.5	14	210	-1.2	-0.6	0.5	0	J
3	317	11.8	11	J	1.3	14	213	-1.1	-0.6	0.5	1	J
4	317	13.0	11	J	0.8	15	215	-0.6	-0.4	0.3	0	J
5												
6												
7	326	25.1	13	J	3.7	26	148	-2.7	2.2	0.7	1	J
8	345	23.9	29	J	5.5	12	109	-1.5	4.3	-1.2	3	J
9	368	34.1	36	J	7.4	8	108	-2.1	6.1	-2.4	3	J
10	370	49.8	28	J	5.0	18	110	-0.6	1.9	-0.4	5	J
11	365	61.0	25	J	5.8	32	270	-0.0	-2.3	4.4	3	J
12	364	30.5	27	J	12.0	-41	20	5.5	-0.8	-5.4	10	J
13	368	9.0	128	J	10.6	-67	26	2.2	-1.8	-5.6	9	J
14	426	7.9	237	J	6.7	-12	136	-3.7	2.7	-2.6	4	J
15	442	7.1	207	J	6.3	-4	136	-4.2	3.6	-2.1	2	J
16	432	7.3	220	J	6.5	-19	120	-2.8	3.9	-3.6	2	J
17	421	6.4	116	J	6.7	-39	105	-1.3	3.2	-5.3	2	J
18	394	9.1	51	J	7.3	-17	126	-3.8	4.5	-3.3	3	J
19	399	8.4	44	J	7.1	-5	140	-5.3	4.2	-1.6	1	J
20	407	8.4	47	J	7.9	24	138	-5.2	5.2	2.2	2	J
21	415	11.8	59	J	8.2	22	141	-5.8	5.1	2.3	2	J
22	402	15.2	49	J	8.1	-49	167	-4.3	0.3	-5.1	5	J
23	428	12.4	83	J	8.9	-68	173	-2.9	-0.5	-7.2	4	J
24	435	16.2	142	J	7.7	-19	152	-5.4	2.6	-2.5	4	J
					OCT. 31, 1976							305
1	444	15.6	109	J	9.4	40	135	-4.9	5.7	5.1	2	J
2	442	22.6	100	J	9.7	32	135	-4.3	4.9	3.0	6	J
3	444	25.0	91	J	10.3	59	115	-2.2	6.5	7.4	2	J
4	445	22.8	95	J	10.9	56	313	3.8	-1.7	9.0	5	J
5	457	13.8	151	J	11.3	-5	113	-2.7	5.8	-2.6	9	J
6	482	11.9	242	J	8.5	-32	118	-3.0	3.7	-5.9	4	J
7	490	12.2	253	J	7.8	-27	173	-4.4	-0.5	-2.3	6	J
8	501	10.0	197	J	8.5	-7	154	-5.3	1.9	-1.8	6	J
9	497	8.7	128	J	8.8	-1	192	-7.6	-1.5	0.7	4	J
10	530	8.3	182	J	7.7	-26	140	-4.7	1.9	-4.6	4	J
11	501	7.7	133	J	8.0	-5	158	-6.7	2.0	-1.9	3	J
12	524	7.6	174	J	7.7	29	142	-4.7	4.8	1.0	4	J
13	504	7.3	134	J	7.8	17	151	-5.9	3.9	0.3	3	J
14	527	7.1	146	J	8.3	-1	106	-1.8	5.7	-3.0	5	J
15	524	7.3	164	J	8.3	-24	107	-2.1	4.9	-5.6	3	J
16	497	7.3	122	J	7.3	5	163	-5.4	1.7	-0.1	5	J
17	503	6.5	91	J	5.9	28	191	-4.7	-0.1	2.7	2	J
18	520	5.8	128	J	5.3	21	176	-3.3	0.6	1.1	4	J
19	528	5.1	130	J	4.4	-24	196	-2.7	-1.0	-1.1	3	J
20	520	4.8	135	J	4.5	-4	203	-4.0	-1.7	0.0	1	J
21	518	4.0	99	J	3.7	9	154	-2.6	1.3	0.3	2	J
22	520	4.5	105	J	4.4	4	129	-2.4	3.0	-0.1	2	J
23	520	4.6	88	J	4.4	-27	127	-2.0	2.5	-2.0	2	J
24	514	4.9	89	J	4.4	-39	134	-2.1	1.9	-2.7	2	J
					NOV. 1, 1976							306
1	500	4.7	83	J	4.3	-17	151	-3.0	1.5	-1.3	2	J
2	495	4.8	80	J	4.3	15	158	-3.6	1.6	0.8	2	J
3	499	4.6	79	J	4.2	6	194	-3.3	-0.7	0.5	2	J
4	510	4.8	93	J	4.1	9	135	-1.9	1.9	-0.1	3	J
5	501	4.6	85	J	3.7	10	148	-2.6	1.7	-0.0	2	J
6	500	4.5	84	J	3.6	17	189	-2.7	-0.1	0.9	2	J
7	494	4.6	84	J	3.9	2	200	-3.4	-1.1	0.6	1	J
8	495	4.5	86	J	3.8	-12	186	-2.9	-0.6	-0.4	2	J
9	493	4.8	96	J	3.8	-6	144	-2.7	1.6	-1.3	2	J
10	484	4.5	110	J	3.8	5	178	-3.4	0.3	0.2	2	J
11	494	4.5	81	J	4.0	23	139	-2.4	2.4	0.1	2	J
12	508	4.2	70	J	4.1	26	108	-1.1	3.8	-0.2	1	J
13	501	4.3	72	J	3.9	23	149	-2.9	2.2	0.4	1	J
14	487	4.4	77	J	4.4	3	173	-4.0	0.5	-0.0	2	J
15	494	4.3	91	J	4.0	8	182	-3.8	0.1	0.5	1	J
16	486	4.5	102	J	4.1	9	189	-3.9	-0.4	0.8	1	J
17	489	5.1	100	J	3.8	32	175	-3.0	0.6	1.7	1	J
18	480	5.7	102	J	4.2	14	170	-3.8	0.9	0.8	1	J
19	475	5.2	106	J	4.0	-3	160	-3.7	1.3	-0.5	1	J
20	482	5.4	107	J	4.3	-5	129	-2.4	2.8	-0.8	2	J
21	467	4.6	82	J	4.1	-18	146	-2.9	1.8	-1.4	2	J
22	459	4.5	59	J	4.0	-11	149	-3.2	1.8	-1.0	1	J
23	462	4.9	64	J	4.0	-18	140	-2.8	2.2	-1.4	1	J
24	454	4.6	58	J	3.7	-29	171	-2.9	0.3	-1.7	1	J
					NOV. 2, 1976							307
1	456	4.7	64	J	3.4	-28	143	-2.1	1.4	-1.6	2	J
2	449	4.9	66	J	3.6	-45	165	-2.4	0.2	-2.5	1	J
3	440	5.5	79	J	4.5	-8	145	-3.3	2.2	-1.1	2	J
4	441	5.3	59	J	4.2	23	99	-0.6	3.9	0.5	1	J
5	438	5.0	53	J	4.4	41	103	-0.7	3.7	1.6	2	J
6	436	5.1	62	J	3.4	17	103	-0.7	3.0	-0.2	1	J
7	432	5.2	52	J	3.6	-6	93	-0.2	2.8	-1.7	2	J
8	413	5.4	34	J	4.1	19	97	-0.4	3.8	-0.5	1	J
9	409	6.1	47	J	3.6	-35	160	-1.9	-0.1	-1.6	3	J
10	400	7.1	49	J	4.0	-41	187	-2.9	-1.6	-2.0	1	J
11	399	6.9	53	J	3.7	-33	162	-2.1	-0.1	-1.6	2	J
12	413	6.9	51	J	3.7	-32	133	-2.0	1.0	-2.6	1	J
13	399	6.8	44	J	3.7	2	96	-0.5	3.1	-1.5	1	J
14	384	6.8	64	J	4.0	33	155	-2.9	2.1	1.3	1	J
15					4.1	3	103	-0.9	3.6	-1.3	1	J
16	394	7.4	27	J	4.8	-20	80	0.7	3.4	-2.9	2	J
17	393	6.8	27	J	4.5	-23	75	1.0	3.1	-2.8	1	J
18	394	6.6	27	J	4.4	-18	72	1.3	3.4	-2.3	1	J
19	389	6.5	40	J	3.8	-9	89	0.1	3.0	-1.1	2	J
20	392	6.1	43	J	3.5	0	77	0.7	3.2	-0.5	1	J
21	380	5.9	45	J	3.4	-5	111	-1.0	2.6	-0.6	2	J
22	382	6.9	33	J	3.6	6	89	0.1	3.3	-0.0	1	J
23	378	7.0	31	J	3.6	-5	85	0.3	3.2	-0.6	1	J
24	371	6.6	38	J	3.6	-2	131	-2.0	2.3	-0.4	2	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
					NOV. 3, 1976							308
1	371	6.7	36	J	3.7	-5	110	-1.2	3.1	-0.7	1	J
2					3.6	2	133	-2.3	2.5	-0.3	1	J
3	368	6.6	36	J	3.4	-14	126	-1.8	2.3	-1.3	1	J
4					3.5	-1	145	-2.8	1.9	-0.6	1	J
5	369	6.9	46	L	3.6	18	148	-2.6	1.8	0.4	2	J
6	362	6.8	47	J	3.1	-1	142	-2.1	1.5	-0.7	1	J
7	371	7.1	31	J	3.1	-24	106	-0.6	1.6	-1.8	2	J
8	365	6.3	51	L	3.6	-32	120	-1.4	1.4	-2.7	2	J
9	369	7.3	56	L	3.6	-4	157	-2.9	1.0	-0.8	2	J
10	363	7.6	61	L								
11	362	7.7	60	L								
12	364	7.1	53	L	3.0	-19	192	-1.9	-0.7	-0.4	2	J
13	359	7.3	55	J	2.7	10	168	-2.3	0.6	0.1	1	J
14	372	8.3	34	J	3.9	-12	77	0.4	2.2	-1.7	3	J
15	372	9.5	28	J	4.5	5	66	1.7	3.7	-1.2	2	J
16	364	8.9	32	J	4.4	0	90	0.0	2.6	-1.0	3	J
17	355	8.5	38	J	4.5	20	158	-3.8	1.9	1.0	1	J
18	357	8.9	36	J	4.6	13	138	-3.0	2.8	0.2	2	J
19	362	9.6	30	J	4.4	12	117	-1.9	3.8	0.1	1	J
20	370	11.0	21	J	4.4	-18	80	0.7	3.7	-1.9	1	J
21	373	11.2	22	J	4.7	-28	54	2.4	3.0	-2.6	1	J
22	369	9.1	37	J	4.2	-18	91	-0.0	2.6	-1.2	3	J
23	368	9.4	35	J	4.2	22	117	-1.5	3.0	1.0	2	J
24	365	9.5	53	J	3.3	11	141	-2.4	2.0	0.4	1	J
					NOV. 4, 1976							309
1	362	9.5	54	J	3.4	11	144	-2.6	2.0	0.4	1	J
2	362	9.5	45	J	3.3	-24	185	-2.4	-0.4	-1.0	2	J
3	365	9.7	52	L								
4	375	12.9	28	L	2.1	0	263	-0.2	-1.9	0.5	1	J
5	370	9.9	37	L								
6	378	12.5	29	J	0.8	42	252	-0.2	-0.3	0.6	0	J
7	379	11.6	31	J	1.2	29	115	-0.1	0.4	0.0	1	J
8	370	10.1	26	J	2.4	-3	216	-1.5	-1.0	0.4	2	J
9	372	10.7	20	L	1.3	-57	84	0.0	0.0	-0.5	1	J
10	366	9.3	31	L	2.4	3	146	-1.8	1.1	-0.5	1	J
11	366	8.6	27	L	1.6	-33	132	-0.6	0.3	-0.9	1	J
12	365	9.8	18	L	1.6	-55	287	0.2	-1.2	-0.6	1	J
13	358	10.6	16	L								
14	357	9.4	17	L								
15	355	9.3	18	L	1.0	19	247	-0.3	-0.6	0.6	0	J
16	341	8.7	22	L								
17	335	7.7	32	L								
18	342	12.3	21	L								
19	341	11.7	17	L								
20	345	13.5	20	J	1.4	-31	96	-0.1	1.0	-0.8	1	J
21	342	18.4	10	L								
22	340	9.0	31	J	3.3	-7	119	-1.5	2.7	-0.7	1	J
23	340	9.5	28	L	3.2	-2	120	-1.5	2.7	-0.4	1	J
24	344	8.8	29	L	3.1	-26	166	-2.3	0.4	-1.2	2	J
					NOV. 5, 1976							310
1					3.1	20	135	-1.5	1.5	0.6	2	J
2	343	12.3	27	J	2.5	82	95	-0.0	0.5	1.7	2	J
3	336	10.6	31	J	2.4	59	148	-0.5	0.5	0.9	2	J
4	337	10.9	19	J	3.0	-21	133	-1.8	1.7	-1.5	1	J
5	341	11.4	27	J	3.0	-2	114	-1.1	2.4	-0.9	1	J
6	344	12.3	25	J								
7	348	11.3	24	L								
8	356	16.6	25	L								
9	358	18.8	24	J	5.1	75	23	0.9	2.0	2.9	4	J
10	353	16.9	24	J	4.8	23	296	1.8	-2.3	3.3	2	J
11	345	24.8	19	J	4.5	20	288	1.2	-2.6	3.2	1	J
12	346	22.7	19	J	5.3	-23	266	-0.3	-4.6	0.4	3	J
13	342	24.9	15	L	6.5	74	345	1.7	2.4	5.7	1	J
14	341	13.2	21	L	7.9	54	59	2.3	6.0	3.9	2	J
15	336	12.8	17	L	7.9	63	48	2.4	5.1	5.4	1	J
16	337	18.9	31	L	7.4	24	297	2.6	-4.0	4.2	4	J
17	333	16.4	38	L	7.0	42	310	3.3	-2.4	5.6	1	J
18	343	17.1	47	L								
19	333	16.0	54	L								
20	331	17.3	55	L								
21	334	15.7	50	L								
22	330	14.6	52	L								
23	330	14.0	34	L								
24	332	13.0	38	L								
					NOV. 6, 1976							311
1	339	12.0	71	L								
2	334	12.7	37	J	6.3	-1	275	0.5	-6.1	0.8	1	J
3	334	12.2	40	J	6.5	1	270	-0.0	-5.8	1.2	3	J
4	334	11.5	42	J	5.9	-26	262	-0.7	-5.6	-1.2	2	J
5	327	9.9	38	J	6.6	-2	264	-0.7	-6.2	1.7	1	J
6	315	11.2	50	J	3.9	14	316	1.0	-0.8	3.7	4	J
7	309	10.0	46	J	5.4	9	46	3.5	3.6	-0.7	2	J
8	307	9.7	46	J	5.9	-1	32	4.7	2.6	-1.4	1	J
9	308	10.4	52	J	5.8	-10	27	4.9	1.8	-2.0	1	J
10	310	9.7	51	J	5.0	2	32	4.0	2.3	-1.1	2	J
11	305	9.2	55	J	4.7	16	348	4.0	-0.2	1.5	2	J
12	340	8.6	62	J	4.0	2	265	-0.3	-2.8	1.6	2	J
13	341	9.0	54	J	3.9	-11	253	-1.0	-3.2	0.9	2	J
14	344	8.5	42	J	4.8	-31	226	-1.9	-2.5	-0.7	4	J
15	335	8.7	45	J	5.0	-21	256	-0.9	-4.0	0.1	3	J
16	318	9.5	41	J	4.7	28	323	3.2	-1.6	2.9	1	J
17	319	9.4	36	J	4.5	18	295	1.7	-3.1	2.3	2	J
18	331	8.8	35	J	4.2	-9	236	-1.9	-2.9	0.1	2	J
19	337	9.6	31	J	4.1	-21	185	-3.7	-0.6	-1.3	1	J
20	330	8.7	25	J	4.1	-20	192	-3.5	-0.9	-1.2	1	J
21	330	8.5	31	J	3.7	0	196	-3.4	-1.0	0.1	1	J
22	326	9.5	26	J	3.7	16	200	-3.1	-1.0	1.0	1	J
23	316	10.1	34	J	3.9	39	204	-1.6	-0.6	1.5	3	J
24	315	8.5	28	J	4.0	26	310	2.2	-2.5	1.9	1	J
					NOV. 7, 1976							312
1	320	11.2	22	J	4.1	63	9	1.7	0.7	3.4	1	J
2	324	13.7	27	J	5.4	39	321	3.1	-2.0	3.6	1	J
3	326	15.0	28	J	5.4	2	293	1.9	-4.4	1.0	2	J
4	326	16.6	27	J	5.3	-56	278	0.4	-3.6	-3.3	2	J
5	320	17.0	25	J	4.7	-73	299	0.5	-2.0	-3.1	3	J
6	320	18.4	13	J	5.5	-32	303	2.4	-4.3	-1.3	2	J
7	308	20.1	21	J								
8												
9												
10												
11												
12												
13												
14												
15	331	0.0	0	H								
16												
17	348	0.0	0	H								
18	328	0.0	0	H								
19	327	5.0	75	L								
20	317	6.1	67	L								
21	318	9.5	55	L								
22	318	8.7	46	L								
23	315	8.6	46	L								
24	318	10.7	47	L								
					NOV. 8, 1976							313
1	317	10.2	45	L								
2	321	13.2	45	L								
3	316	12.3	43	L								
4	318	12.8	44	L								
5	320	13.6	43	L								
6	322	13.4	38	L								
7	324	14.6	41	L								
8	323	15.0	41	L								
9												
10	328	0.0	0	H								
11	314	9.6	44	L								
12	316	12.2	40	L								
13												
14												
15												
16	316	0.0	0	H								
17	314	21.2	23	L								
18	316	25.2	25	L								
19	315	26.9	25	L								
20	317	31.9	25	L								
21	331	42.6	35	L								
22	331	36.4	37	L								
23	327	45.7	34	L								
24	324	43.5	37	L								
					NOV. 9, 1976							314
1	324	44.2	36	L								
2	332	30.6	52	L								
3	345	22.5	98	L								
4	355	22.4	110	L								
5	371	16.4	132	L								
6	386	11.7	112	L								
7	382	11.1	123	L								
8												
9												
10												
11												
12												
13	344	10.9	52	L								
14	343	11.8	42	L								
15												
16												
17												
18												
19	325	12.8	41	L								
20												
21	326	9.4	32	L								
22	345	13.1	47	L								
23												
24	334	11.6	42	L								
					NOV. 10, 1976							315
1	343	11.0	40	L								
2	351	12.1	54	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 11, 1976							316
1												
2												
3												
4												
5	420	14.3	109	L								
6	433	13.9	75	L								
7	428	13.0	53	L								
8	424	14.4	59	L								
9												
10	409	16.4	69	L								
11	446	13.9	144	L								
12	458	13.0	149	L								
13	460	15.2	138	L								
14	439	10.4	140	L								
15	467	11.4	225	L								
16	472	8.2	198	L								
17	476	9.7	214	L								
18	469	9.8	209	L								
19	479	9.2	221	L								
20	489	8.6	201	L								
21	494	8.8	223	L								
22	492	6.1	186	L								
23	511	6.5	228	L								
24	548	6.2	223	L								
					NOV. 12, 1976							317
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					NOV. 13, 1976							318
1					7.8	-3	145	-5.2	3.6	-0.6	4	J
2	588	5.7	239	L	8.1	3	152	-6.1	3.3	0.0	4	J
3	576	5.2	206	L	8.9	12	140	-6.5	5.7	0.9	2	J
4	626	5.9	238	L	8.6	12	101	-1.5	7.9	0.0	3	J
5	591	5.1	209	L	7.8	1	137	-5.4	4.9	-1.2	3	J
6	597	5.8	193	L	7.9	-16	143	-4.8	2.9	-2.6	5	J
7	602	5.4	197	L	7.8	-15	136	-4.7	3.5	-3.3	4	J
8	600	5.9	213	L	8.1	16	150	-5.2	3.5	0.3	5	J
9	601	5.6	218	L	7.4	-13	142	-5.0	2.9	-3.0	3	J
10	598	5.6	222	L	7.9	24	164	-6.2	2.9	1.8	4	J
11	611	6.1	260	L	7.0	0	129	-4.0	4.4	-2.2	3	J
12	644	5.2	291	L	6.1	-8	111	-1.8	4.0	-2.8	3	J
13	655	4.9	263	L	6.7	-12	110	-2.0	4.6	-3.5	3	J
14	637	4.2	233	L	5.6	36	194	-3.7	0.2	2.9	3	J
15	652	4.6	249	L	5.3	4	139	-3.6	3.1	-0.8	2	J
16	647	3.6	201	L	4.9	5	159	-4.3	1.7	-0.1	2	J
17	650	3.7	191	L	5.2	-30	141	-3.2	1.9	-2.9	2	J
18	639	3.6	198	L	5.2	-26	146	-3.7	2.0	-2.6	2	J
19	629	3.8	198	L	4.6	-12	160	-3.9	1.3	-1.1	2	J
20	627	3.3	202	L	3.8	-15	172	-3.3	0.4	-1.0	2	J
21	635	3.3	221	L	4.1	4	129	-2.0	2.5	0.0	3	J
22	628	3.1	200	L	5.0	14	150	-3.9	2.3	1.0	1	J
23	619	2.8	173	L	4.8	18	153	-3.9	2.1	1.3	1	J
24	629	2.7	174	L	4.5	56	92	-0.1	2.2	2.9	3	J
					NOV. 14, 1976							319
1	554	3.3	61	J	4.2	-14	174	-3.7	0.3	-0.9	2	J
2	559	3.4	76	J	4.5	-28	165	-3.5	0.7	-2.0	2	J
3	554	4.2	87	J	4.8	21	135	-3.1	3.3	1.2	1	J
4	536	4.3	102	J	5.3	19	183	-4.4	0.1	1.5	2	J
5	543	4.4	134	J	5.0	27	185	-4.0	0.2	2.1	2	J
6	542	4.6	124	J	5.2	18	207	-4.2	-1.5	2.1	2	J
7	534	4.8	164	J	5.3	34	153	-3.0	2.3	1.6	3	J
8	545	5.0	139	J	5.2	22	144	-2.9	2.5	0.5	3	J
9	523	5.3	171	J	5.3	8	188	-3.5	-0.2	0.7	4	J
10	554	5.0	164	J	4.5	-59	175	-1.6	-1.1	-2.5	3	J
11	562	4.8	149	J	4.2	-17	138	-1.1	0.7	-0.9	4	J
12	561	4.6	149	J	3.9	30	170	-1.7	0.7	0.8	3	J
13	575	4.5	126	J	4.3	-30	86	0.2	2.1	-3.0	2	J
14	573	4.4	125	J	3.8	-52	74	0.4	0.6	-2.4	3	J
15	575	4.4	152	J	3.5	-70	142	-0.3	-0.1	-1.1	3	J
16	583	4.1	140	J	3.9	-15	113	-1.0	2.0	-1.3	3	J
17	572	3.8	128	J	3.8	-20	149	-2.1	1.0	-1.2	3	J
18	567	4.2	99	J	4.0	-1	183	-3.1	-0.2	-2.0	2	J
19	564	3.8	98	J	3.7	-27	155	-2.3	0.9	-1.5	2	J
20	574	3.2	106	J	3.4	26	167	-1.6	0.4	0.7	3	J
21	619	2.8	111	J	2.7	23	80	0.3	1.2	0.6	2	J
22	568	2.6	85	J	2.7	-20	153	-1.6	0.9	-0.8	2	J
23	564	2.5	79	J	2.9	-16	188	-2.1	-0.3	-0.6	2	J
24	557	2.3	82	J	3.3	-32	173	-2.6	0.2	-1.7	1	J
					NOV. 15, 1976							320
1	547	2.6	86	J	3.5	-23	160	-2.9	1.0	-1.4	1	J
2	536	2.8	123	J	3.5	-15	163	-3.0	0.8	-0.9	1	J
3	526	3.6	110	J	3.9	-25	140	-2.2	1.6	-1.6	2	J
4	537	3.9	104	J	4.0	2	83	0.4	3.1	-0.5	2	J
5	516	3.7	111	J								
6					3.7	11	146	-2.8	2.0	0.0	1	J
7					4.4	22	143	-3.1	2.8	0.6	2	J
8					4.5	30	165	-3.8	1.8	1.7	0	J
9												
10					3.5	11	117	-1.1	2.1	-0.5	3	J
11	466	4.7	94	J	3.9	-70	356	1.2	-1.5	-2.9	2	J
12	454	4.7	78	J	3.5	-27	150	-2.0	0.5	-1.6	2	J
13	451	5.2	81	J	4.3	-14	154	-3.5	1.2	-1.6	1	J
14	450	5.0	95	J	3.9	-13	157	-3.3	1.0	-1.3	1	J
15	439	4.0	76	J	3.2	-26	153	-2.4	0.7	-1.7	1	J
16	419	3.8	49	J	4.1	-22	120	-1.9	2.6	-2.4	1	J
17												
18	391	4.7	59	L								
19	420	7.0	51	J	2.5	23	27	1.9	1.1	0.8	1	J
20	426	6.4	51	J	2.8	10	30	2.0	1.2	0.3	1	J
21	386	9.0	36	J	4.1	9	111	-1.2	3.3	0.3	2	J
22	373	8.0	31	J	4.3	34	173	-2.9	0.4	1.9	3	J
23	370	7.1	30	J	4.4	-4	196	-4.0	-1.2	-0.3	1	J
24	370	7.5	32	J	5.3	5	175	-4.9	0.4	0.4	2	J
					NOV. 16, 1976							321
1	378	7.9	39	J	5.8	44	176	-4.0	0.5	3.9	2	J
2	371	9.4	40	J	6.4	18	149	-4.8	3.0	1.5	2	J
3	375	11.1	37	J	6.0	-7	112	-2.2	5.3	-1.5	1	J
4	369	10.0	36	J	6.4	34	164	-3.8	1.6	2.4	4	J
5	369	7.3	36	J	7.3	30	152	-5.1	3.5	2.6	3	J
6	360	7.9	53	L	6.8	5	136	-4.8	4.6	-0.9	1	J
7	367	7.2	57	L	6.9	23	227	-3.1	-2.5	3.0	5	J
8	377	6.7	49	L								
9	366	7.2	36	L								
10	365	8.1	43	L								
11	363	9.2	37	L								
12	364	9.1	43	L								
13	366	7.7	42	L	7.0	-7	112	-2.6	5.5	-3.3	1	J
14	381	8.3	31	J	7.1	-13	108	-2.1	5.4	-3.9	1	J
15	384	9.3	20	J	6.7	-1	101	-1.2	6.0	-2.2	2	J
16	384	7.0	50	L	6.2	-7	163	-5.2	1.3	-1.1	3	J
17	368	7.3	32	J	6.6	12	176	-6.4	0.8	1.2	1	J
18	391	7.6	58	J	5.7	11	179	-3.8	0.2	0.7	4	J
19	387	8.0	71	J	5.9	-1	144	-4.4	3.1	-0.5	2	J
20	380	8.3	76	J	5.8	20	183	-5.2	-0.1	1.9	2	J
21	378	7.8	55	J	5.5	1	200	-4.8	-1.7	0.2	2	J
22	371	6.9	34	J	5.1	4	173	-4.7	0.6	0.3	2	J
23	373	7.3	39	J	5.3	-2	161	-4.5	1.6	-0.2	2	J
24	375	7.7	40	J	5.5	-22	146	-3.5	2.3	-1.8	3	J
					NOV. 17, 1976							322
1	387	7.9	70	J	5.4	10	144	-3.7	2.8	0.7	3	J
2												
3	370	8.1	25	J	5.7	9	185	-5.5	-0.4	0.9	1	J
4	373	8.6	38	J	5.7	8	193	-5.0	-1.0	0.9	2	J
5	386	9.7	57	J	6.2	29	196	-4.6	-0.6	2.9	3	J
6	374	9.8	32	J	6.4	5	191	-5.9	-0.9	0.8	2	J
7	384	10.1	40	J	6.5	-35	190	-4.6	-1.9	-2.8	3	J
8	380	9.2	30	J	6.6	0	151	-4.8	2.5	-1.0	4	J
9	381	9.1	51	J	6.6	-10	152	-4.8	1.9	-1.9	4	J
10					5.9	4	182	-5.3	-0.0	0.4	3	J
11	372	8.4	26	J	5.8	-7	139	-3.8	2.7	-2.0	3	J
12	377	6.8	51	L	6.0	-8	130	-3.8	3.7	-2.6	1	J
13	376	6.7	50	L	5.9	0	152	-5.0	2.5	-1.1	1	J
14	368	7.5	45	L	5.7	7	158	-5.2	2.2	-0.1	1	J
15	366	6.7	43	L	5.4	6	176	-5.4	0.5	0.4	1	J
16	364	6.7	44	L	5.6	13	168	-5.2	1.4	0.9	1	J
17	365	5.8	45	L	5.4	2	153	-4.6	2.3	-0.4	1	J
18	363	5.9	41	L	5.3	5	158	-4.7	2.0	0.1	1	J
19	364	6.8	29	J	5.4	-20	152	-4.2	2.0	-2.0	2	J
20	365	6.8	26	J	5.3	-8	136	-3.6	3.4	-1.0	1	J
21	373	7.1	23	J	5.5	-36	118	-2.0	3.5	-3.3	2	J
22	367	6.7	24	J	5.1	25	146	-3.5	2.4	1.9	2	J
23	366	6.6	26	J	4.8	11	169	-4.4	0.9	0.9	1	J
24	366	7.7	33	J	4.6	0	167	-3.9	0.9	-0.0	2	J
					NOV. 18, 1976							323
1	372	7.4	24	J	4.6	-14	135	-3.0	3.0	-1.2	1	J
2	372	7.0	24	J	4.6	-22	123	-2.2	3.3	-1.9	1	J
3	369	7.2	26	J	4.2	-40	138	-1.9	1.4	-2.3	3	J
4	366	7.3	34	J	4.4	-15	145	-3.1	1.9	-1.4	2	J
5	365	7.4	35	J	4.5	17	158	-3.6	1.7	0.8	2	J
6	367	7.7	32	J	4.3	2	138	-3.2	2.8	-0.7	1	J
7	370	8.3	31	J	4.4	10	142	-3.3	2.7	-0.2	1	J
8	373	9.0	32	J	3.8	11	154	-3.3	1.7	0.0	1	J
9	381	8.9	31	J	3.7	0	148	-3.1	1.8	-0.8	1	J
10	386	8.5	33	J	4.3	5	152	-3.8	2.0	-0.5	0	J
11	389	8.4	29	J	4.2	15	159	-3.7	1.7	0.3	1	J
12	390	9.0	23	J	4.0	1	164	-3.8	1.0	-0.4	0	J
13	383	9.5	20	J	4.4	-5	160	-4.1	1.2	-0.9	0	J
14	381	9.1	21	J	4.5	-3	160	-4.2	1.3	-0.8	0	J
15					3.2	17	163	-2.9	1.1	0.6	1	J
16	352	11.0	19	J	2.3	27	146	-1.2	1.0	0.5	2	J
17	360	10.1	22	J	3.8	26	338	2.8	-0.8	1.7	2	J
18	358	10.5	22	J	3.9	6	331	3.3	-1.7	0.7	1	J
19	360	11.3	24	J	3.8	-45	338	2.1	-1.1	-2.1	2	J
20	365	12.3	23	J	4.0	-39	323	2.4	-2.0	-2.2	1	J
21	366	13.3	23	J	4.2	-41	322	2.3	-1.9	-2.5	2	J
22	364	14.1	26	J	4.9	5	308	2.9	-3.7	0.5	1	J
23	369	16.2	24	J	5.3	30	294	1.8	-3.9	2.6	2	J
24	372	17.3	25	J	5.6	43	292	1.4	-3.4	3.6	2	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	365	16.3	29	J	5.7	-7	324	3.5	-2.6	-0.4	4	J
2	359	14.0	31	J	6.5	-44	353	4.4	-0.9	-4.3	2	J
3	370	14.1	32	J	7.1	-63	329	2.7	-2.4	-6.0	0	J
4	369	14.4	38	J	7.3	-5	309	4.3	-5.4	0.3	2	J
5	374	15.1	38	J	7.3	25	315	4.4	-3.6	3.8	3	J
6	379	13.0	47	J	7.5	-21	296	2.9	-6.4	-0.7	2	J
7	383	13.9	64	J	6.2	32	299	1.8	-2.3	3.4	4	J
8	380	14.3	71	J	6.1	-17	312	3.3	-3.9	-0.0	3	J
9	379	12.6	62	J	7.1	-22	303	3.5	-6.0	-0.2	2	J
10	382	13.2	66	J	6.5	-4	298	2.9	-5.2	1.9	2	J
11	385	15.0	67	J	5.5	32	293	1.7	-2.4	4.1	2	J
12	382	14.6	76	J	5.6	-3	318	3.5	-3.0	1.1	3	J
13	388	17.0	106	J	6.6	4	344	5.2	-1.2	0.9	4	J
14	408	17.2	75	J	7.8	-23	298	3.1	-6.5	-0.5	3	J
15	401	18.2	83	J	7.9	-24	319	4.5	-4.6	-1.3	4	J
16	390	18.3	99	J	8.1	-14	329	6.2	-4.1	-0.7	3	J
17	391	14.2	85	J	9.8	-3	308	5.9	-7.5	1.2	2	J
18	399	18.4	110	J	9.0	19	337	7.7	-2.7	3.4	2	J
19	400	17.0	77	J	10.0	0	306	5.5	-7.5	0.9	4	J
20	414	15.2	57	J	11.2	-17	267	-0.5	-9.7	-2.2	5	J
21	407	15.4	68	J	10.3	-1	276	0.9	-8.8	0.2	5	J
22	403	15.1	79	J								
23	311	20.1	131	J								
24	436	14.0	121	J								

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
429	8.5	155	L								
479	16.6	169	L								
478	11.1	155	L								
519	11.7	212	L								
508	13.5	216	L								
487	13.6	186	L								
483	11.6	230	L								
494	9.7	222	L								
486	9.7	214	L								
483	11.2	182	L								
485	10.5	183	L								
483	0.0	0	H								
481	0.0	0	H								
479	0.0	0	H								
458	0.0	0	H								
447	0.0	0	H								
457	0.0	0	H								
447	7.2	76	L								
446	7.2	82	L								
441	7.3	65	L								
437	6.3	54	L								
428	5.4	54	L								
421	6.2	56	L								
423	5.8	41	L								

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HR	VEL	DEN	TEMP/1000	PLS SC
1	415	7.0	44	L
2	408	7.5	48	L
3	405	6.7	45	L
4	410	0.0	0	H
5	397	5.2	44	L
6				
7	418	7.5	69	L
8	414	8.2	73	L
9	411	0.0	0	H
10	437	0.0	0	H
11	434	7.3	71	L
12	433	7.4	69	L
13	434	6.7	66	L
14	462	0.0	0	H
15	411	0.0	0	H
16				
17				
18				
19				
20	394	6.4	54	L
21	392	6.2	61	L
22	396	6.8	80	L
23	391	7.6	74	L
24	396	8.5	66	L

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VEL	DEN	TEMP/1000	PLS SC
393	8.6	57	L
386	7.7	46	L
384	8.0	51	L
375	7.8	48	L
385	11.4	57	L
372	14.2	51	L
369	10.9	49	L
390	8.8	42	L
392	9.5	75	L
400	10.6	96	L

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HR	VEL	DEN	TEMP/1000	PLS SC
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17	367	10.9	75	J
18	369	10.6	39	J
19	353	10.9	50	J
20	380	8.1	39	J
21	385	7.2	39	J
22	381	6.8	41	J
23	377	5.7	65	J
24	375	6.4	67	J

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VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
372	6.3	63	J	2.6	-14	291	0.7	-1.8	-0.5	2	J
373	6.3	54	J	3.8	-4	294	1.2	-2.6	-0.1	2	J
368	5.7	44	J	3.8	-14	288	0.9	-2.9	-0.5	2	J
374	6.0	38	J	3.1	-49	275	0.2	-2.2	-1.9	1	J
375	6.0	33	J	3.4	-44	249	-0.9	-2.6	-1.8	1	J
370	6.3	37	J	2.9	-54	316	0.9	-1.3	-1.4	2	J
372	6.1	32	J	2.8	-66	291	0.4	-1.6	-1.9	1	J
369	6.1	30	J	2.8	-57	276	0.2	-2.2	-1.6	1	J
358	6.3	47	J	3.3	-29	346	2.5	-1.1	-1.1	1	J
358	5.4	39	J	3.2	15	321	2.0	-1.2	1.2	2	J
366	6.3	20	J	2.8	-66	288	0.3	-1.9	-1.8	1	J
366	6.5	19	J	3.2	-72	257	-0.2	-1.9	-2.3	1	J
362	6.1	21	J	3.3	-55	291	0.6	-2.5	-1.8	1	J
363	6.0	21	J	3.5	-9	267	-0.2	-3.1	0.6	1	J
356	6.1	27	J	3.4	-8	296	1.3	-2.7	0.4	2	J
355	6.1	29	J	3.6	-3	301	1.5	-2.5	0.5	2	J
357	6.8	29	J	3.9	-6	311	2.2	-2.6	0.1	2	J
354	6.9	29	J	4.3	14	300	1.9	-3.2	1.4	1	J
351	7.1	33	J	4.8	24	313	2.8	-2.8	2.1	1	J
359	8.3	26	J	4.8	64	359	1.8	0.1	3.7	3	J
358	8.2	26	J	5.3	41	327	3.2	-2.1	3.4	2	J
361	8.6	22	J	5.8	35	307	2.8	-3.7	3.2	1	J
366	14.1	19	J	4.6	10	307	2.3	-3.1	3.6	2	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	373	12.0	20	J	7.1	12	282	1.4	-6.5	1.4	2	J
2	364	10.7	20	J	7.3	26	293	2.5	-5.8	3.3	1	J
3	358	15.6	18	J	5.6	-6	294	1.7	-3.8	-0.1	4	J
4	360	11.9	19	J	7.0	-65	112	-1.1	1.8	-6.5	2	J
5	360	12.3	19	J	6.6	-62	115	-1.2	1.5	-5.7	3	J
6	361	13.3	20	J	6.4	-60	135	-2.1	0.7	-5.5	2	J
7	366	15.4	21	J	5.7	-64	89	0.0	0.7	-4.8	3	J
8	359	13.8	29	J	6.3	-26	119	-2.5	3.3	-3.9	3	J
9	361	14.2	30	J	7.1	-18	103	-1.5	5.1	-4.3	2	J
10	359	13.4	29	J	7.6	-16	98	-1.0	5.7	-4.6	2	J
11	354	13.5	39	J	7.4	-3	105	-1.7	5.6	-2.8	3	J
12	353	14.1	40	J	6.8	-9	99	-0.9	5.1	-3.1	3	J
13	351	15.5	46	J	5.5	-32	97	-0.5	3.0	-4.0	2	J
14	341	14.0	39	J	5.1	-16	113	-1.5	2.9	-2.1	3	J
15	331	14.1	35	J	5.8	6	129	-3.5	4.3	-0.7	1	J
16	335	13.8	37	J	6.3	5	121	-3.1	5.2	-0.7	1	J
17	353	13.4	51	J	6.4	-19	81	0.9	5.2	-3.0	2	J
18	350	13.8	57	J	6.7	-25	85	0.5	5.1	-3.3	3	J
19	347	12.6	57	J	6.2	-3	79	1.1	5.5	-0.8	3	J
20	339	13.4	58	J	6.5	-44	102	-0.9	4.2	-4.5	2	J
21	337	12.5	54	J	6.8	4	92	-0.2	6.5	0.4	2	J
22	341	12.7	48	J	6.5	13	83	0.7	6.0	1.5	2	J
23	332	11.9	25	J	7.0	-1	94	-0.5	7.0	0.1	1	J
24	333	11.9	23	J	6.9	-5	92	-0.2	6.9	-0.4	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
327	11.8	24	J	6.8	-5	99	-1.1	6.7	-0.5	1	J
331	11.8	23	J	7.8	-7	88	0.3	7.6	-1.9	1	J
336	13.7	27	J	8.1	-8	92	-0.3	7.0	-2.4	3	J
325	14.3	43	J	7.0	30	123	-3.3	5.8	2.2	1	J
329	14.9	51	J	5.5	26	119	-2.3	4.6	1.0	2	J
325	14.5	43	J	5.3	7	110	-1.8	4.8	-1.0	1	J
318	15.9	43	J	4.5	13	119	-1.9	3.6	-2.4	2	J
320	17.5	35	J	4.9	20	117	-2.0	4.3	-0.0	1	J
323	14.0	35	J	6.8	-3	100	-1.1	5.6	-2.7	3	J
324	16.4	24	J	6.9	28	101	-1.1	6.4	0.7	2	J
330	15.4	27	J	6.5	-13	85	0.5	5.3	-3.5	1	J
330	15.0	28	J	6.6	-36	82	0.7	3.5	-4.9	3	J
331	16.5	25	J	6.4	-20	89	0.1	5.0	-3.6	2	J
328	14.0	32	J	6.1	0	101	-1.1	5.5	-1.3	2	J
330	15.7	30	J	6.0	-6	105	-1.4	5.2	-1.5	2	J
339	14.0	33	J	5.9	-24	120	-1.8	2.9	-2.0	5	J
359	7.0	53	J	7.7	-41	140	-4.3	3.2	-5.1	2	J
354	5.8	44	J	7.9	-58	136	-3.0	2.7	-6.7	1	J
338	7.0	51	J	7.2	-58	136	-2.6	2.6	-5.8	2	J
337	6.1	46	J	8.0	-55	149	-3.9	2.5	-6.4	1	J
333	4.8	42	J	8.6	-36	137	-5.0	4.9	-4.6	1	J
326	6.8	36	J	8.4	-31	148	-6.0	3.9	-4.1	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 27, 1976							332
1	319	8.6	37	J	7.9	-28	161	-6.4	2.3	-3.6	1	J
2	319	7.7	28	J	7.9	-32	160	-6.1	2.1	-4.1	2	J
3	325	8.5	27	J	8.0	-62	130	-2.2	2.2	-6.7	3	J
4	317	8.1	31	J	7.6	-29	166	-6.1	1.1	-3.6	2	J
5	303	7.9	34	J	10.6	-17	191	-9.2	-2.3	-2.5	4	J
6	318	6.9	30	J	11.6	-36	173	-9.1	-0.0	-6.9	2	J
7	314	7.8	39	J	11.3	-25	178	-9.9	-1.0	-4.5	3	J
8	305	8.3	38	J	11.4	-25	183	-10.2	-1.6	-4.5	1	J
9	316	6.7	30	J	11.4	-2	136	-7.9	7.0	-5.1	3	J
10	337	6.5	29	J	10.3	19	124	-5.4	8.7	0.1	1	J
11	327	6.0	32	J	9.6	36	154	-6.8	5.2	3.9	2	J
12	338	6.0	39	J	9.8	41	156	-6.5	5.0	4.7	2	J
13	328	5.6	26	J	9.4	28	138	-6.0	6.6	2.2	1	J
14	331	5.9	26	J	9.2	26	137	-5.7	6.3	2.0	3	J
15					8.7	23	141	-5.4	5.0	1.7	4	J
16					7.8	1	134	-5.1	5.2	-1.0	2	J
17												
18	335	9.9	55	J	8.3	5	193	-8.0	-1.7	0.9	1	J
19	333	9.7	36	J	8.3	-2	186	-8.1	-3.9	-0.2	2	J
20	327	8.4	36	J	7.7	-6	175	-7.6	0.7	-0.8	1	J
21	314	7.0	41	J	7.1	-14	183	-6.6	-0.3	-1.6	2	J
22	301	6.6	32	J	8.0	-16	202	-7.0	-2.7	-2.2	2	J
23	295	6.1	31	J	7.8	4	189	-7.5	-1.2	0.5	2	J
24	315	7.8	57	J	7.8	7	187	-7.4	-0.9	0.9	2	J
					NOV. 28, 1976							333
1	311	7.2	41	J	8.4	-4	194	-7.6	-1.9	-0.6	3	J
2	294	5.8	24	J	8.0	-4	198	-7.6	-2.5	-0.5	1	J
3	291	5.3	24	J	7.8	-4	192	-7.6	-1.6	-0.5	0	J
4	299	4.2	26	J	6.5	-3	153	-5.2	2.6	-0.6	3	J
5	296	4.4	15	J	7.0	4	119	-3.4	6.1	-0.6	0	J
6	278	3.8	21	J	7.4	5	122	-3.9	6.1	-0.8	1	J
7	290	4.4	27	J	7.1	0	130	-4.4	5.0	-1.5	2	J
8	294	4.6	20	J	7.4	4	130	-4.6	5.4	-1.3	2	J
9					7.6	4	150	-6.4	3.6	-0.8	2	J
10												
11												
12	303	4.6	17	J	7.3	-1	121	-3.7	5.6	-2.3	2	J
13	311	5.7	23	J	7.9	-14	120	-3.8	6.8	-0.4	2	J
14	303	4.8	17	J	7.9	26	128	-4.3	6.2	1.6	2	J
15	297	4.3	18	J	7.5	24	132	-4.6	5.7	1.6	1	J
16	307	5.3	19	J	8.0	17	117	-5.3	6.9	0.8	2	J
17	299	5.8	21	J	8.8	11	121	-4.2	7.2	0.4	3	J
18	286	7.2	29	J	9.4	28	174	-7.8	1.3	4.1	3	J
19	299	10.5	26	J	9.3	27	190	-7.4	-1.1	3.9	4	J
20	291	11.6	36	J	8.7	17	196	-7.5	-2.1	2.4	3	J
21	298	14.0	27	J	9.9	29	196	-7.7	-2.3	4.4	4	J
22	305	13.1	27	J	9.1	45	209	-5.1	-3.1	5.8	4	J
23	298	12.2	21	J	8.9	41	180	-6.6	-0.3	5.7	2	J
24	290	10.3	22	J	8.6	41	174	-6.4	0.4	5.6	1	J
					NOV. 29, 1976							334
1	287	9.9	21	J	8.1	43	172	-6.1	0.7	5.2	1	J
2	287	9.1	19	J	8.0	42	170	-5.7	1.0	5.2	2	J
3	296	8.2	25	J	9.7	15	145	-7.3	5.2	2.1	3	J
4	311	9.6	24	J	10.7	11	127	-6.3	6.5	1.1	2	J
5	298	12.4	23	J	11.4	14	143	-8.2	6.5	1.5	4	J
6	301	11.2	31	L	11.6	22	144	-8.2	6.7	2.7	4	J
7	294	9.8	27	I	10.9	-13	152	-9.3	4.1	-3.7	1	J
8	320	6.0	39	J	10.2	-20	125	-5.2	6.0	-5.5	3	J
9	323	7.4	32	J	10.7	5	115	-4.3	9.3	-2.4	3	J
10	322	8.2	29	J	10.4	13	125	-5.4	8.0	-0.8	4	J
11	329	8.0	42	J	9.3	60	172	-4.1	3.2	6.5	4	J
12	354	7.0	38	J	8.5	50	293	2.1	-2.4	7.9	1	J
13	330	8.3	37	J	7.6	-8	151	-2.9	1.4	-1.0	7	J
14	337	8.7	49	J	7.8	43	191	-5.5	0.5	5.3	1	J
15	356	9.1	61	J	6.3	35	158	-2.5	1.5	1.6	6	J
16	359	10.5	72	J	5.6	-16	114	-1.9	3.9	-2.2	3	J
17	366	10.3	69	J	5.7	-13	141	-2.6	1.9	-1.1	5	J
18	350	11.1	110	J	5.9	16	159	-5.0	2.1	1.3	2	J
19	362	10.7	76	J	6.0	34	153	-3.3	1.8	2.4	4	J
20	366	10.9	62	J	6.0	30	139	-3.2	2.8	2.4	4	J
21	365	11.8	55	J	6.5	42	180	-4.3	1.5	4.2	2	J
22	361	11.6	57	J	6.3	19	147	-4.8	3.0	2.1	2	J
23	379	13.5	51	J	5.4	-52	154	-2.5	1.4	-3.5	3	J
24	381	15.4	50	J	5.0	-44	201	-3.0	-1.0	-3.2	2	J
					NOV. 30, 1976							335
1	373	15.6	33	J	4.5	28	183	-3.5	-0.3	1.9	2	J
2	382	14.0	43	J	5.1	-37	145	-2.0	1.4	-1.9	4	J
3	386	13.9	45	J	5.5	-52	112	-1.1	2.6	-4.0	2	J
4	383	13.9	55	J	6.2	-41	132	-3.0	3.0	-4.2	2	J
5	383	13.7	50	J	6.6	-15	108	-1.9	5.5	-2.5	2	J
6	397	17.7	42	J	5.4	18	92	-0.2	5.2	0.5	2	J
7	387	12.8	42	J	7.2	35	106	-1.5	6.2	2.3	3	J
8	388	15.4	67	J	5.6	37	130	-2.2	3.3	1.6	4	J
9	398	15.1	53	J	4.7	71	108	-0.4	2.7	3.4	2	J
10	392	17.4	52	J	2.9	85	285	0.0	0.3	1.0	3	J
11	390	13.8	53	J	3.8	-9	110	-1.0	2.5	-1.5	2	J
12	388	13.4	59	J	5.6	16	130	-3.4	4.3	0.0	1	J
13	391	12.9	62	J	5.8	-13	148	-4.2	2.1	-1.9	3	J
14	399	16.2	46	J	4.5	12	137	-2.8	2.7	0.0	2	J
15	399	18.8	35	J	3.6	-35	164	-2.7	0.3	-2.1	1	J
16	405	15.6	38	J	4.3	-28	141	-2.6	1.7	-2.2	2	J
17	410	19.6	31	J	3.1	5	118	-1.0	1.9	-0.1	2	J
18	414	18.9	39	J	2.7	40	93	-0.1	2.0	1.4	1	J
19	417	18.5	39	J	3.6	19	132	-2.3	2.6	1.0	1	J
20	410	16.6	40	J	4.4	6	132	-2.9	3.2	0.4	1	J
21	411	18.6	36	J	3.3	3	149	-2.7	1.6	0.2	1	J
22	408	17.3	45	J	3.1	4	130	-1.8	2.1	0.3	2	J
23	409	16.4	34	J	3.9	43	36	1.8	1.2	2.1	3	J
24	408	16.0	38	J	3.6	46	359	2.1	-0.2	2.2	2	J
					DEC. 1, 1976							336
1	435	19.2	31	J	1.2	83	222	-0.1	-0.1	0.7	1	J
2	433	18.0	29	J	1.3	63	110	-0.1	0.2	0.5	1	J
3	393	13.5	41	J	1.9	45	145	-0.8	0.6	1.0	2	J
4	374	7.0	32	J	5.1	6	128	-3.1	4.0	0.2	1	J
5	371	6.8	27	J	5.1	21	138	-3.5	3.4	1.3	1	J
6	368	7.4	35	J	4.9	19	142	-3.6	3.1	1.0	1	J
7	372	7.4	27	J	5.0	14	127	-2.9	4.0	0.1	1	J
8	376	7.8	32	J	4.6	3	108	-1.4	4.0	-1.1	1	J
9	375	7.8	44	J	3.5	-4	99	-0.5	3.2	-1.4	1	J
10	384	8.3	38	J	4.8	4	94	-0.3	4.2	-1.3	2	J
11	360	8.4	42	J	5.1	-12	208	-4.0	-2.3	-0.1	2	J
12	362	8.3	41	J	5.0	-9	132	-3.2	3.1	-1.9	1	J
13	368	8.3	31	J	4.9	-26	143	-3.0	1.6	-2.5	2	J
14	371	8.7	32	J	4.7	-10	111	-1.5	3.6	-1.8	2	J
15	376	9.2	28	J	4.5	-5	107	-1.2	3.8	-1.3	1	J
16	372	8.9	28	J	4.8	-5	110	-1.5	4.1	-1.2	2	J
17	365	9.3	37	J	5.0	11	122	-2.3	3.8	0.3	2	J
18	367	10.5	40	J	4.0	13	155	-2.6	1.3	0.6	3	J
19	369	12.2	43	J	3.4	11	185	-2.9	-0.2	0.6	2	J
20	377	14.7	42	J	2.8	29	128	-1.1	1.4	1.0	2	J
21	371	11.8	30	J	5.2	-37	132	-2.6	3.0	-2.8	2	J
22	376	16.2	32	J	3.1	-18	105	-0.7	2.6	-0.7	2	J
23	377	17.0	36	J	2.5	8	21	1.7	0.6	0.3	2	J
24	373	18.4	28	J	3.2	40	356	2.3	-0.3	1.9	2	J
					DEC. 2, 1976							337
1	366	15.4	31	J	2.3	25	356	1.5	-0.1	0.7	2	J
2	357	11.8	40	J	4.8	20	347	4.3	-1.0	1.8	1	J
3	351	11.4	51	J								
4	366	5.7	45	L								
5	366	5.4	50	L								
6	374	5.0	56	L								
7	373	5.2	55	L								
8												
9	379	6.2	54	L								
10	378	6.5	44	L								
11												
12												
13												
14												
15	369	0.0	0	H								
16	372	8.3	32	L								
17	372	8.5	30	L								
18	368	9.3	40	L								
19	359	8.2	44	L								
20	367	0.0	0	H								
21	367	0.0	0	H								
22												
23												
24												
					DEC. 3, 1976							338
1	342	11.5	27	L								
2	339	11.8	23	L								
3	342	11.8	18	L								
4	340	8.7	19	L								
5	335	7.8	18	L								
6	337	9.7	14	L								
7	341	7.6	42	L								
8	346	9.7	44	L								
9	349	10.8	37	L								
10												
11												
12	332	16.8	16	L								
13	334	18.4	15	L								
14												
15	332	0.0	0	H								
16												
17												
18												
19	334	23.7	24	L								
20	337	26.7	19	L								
21	345	26.8	32	L								
22	347	23.1	42	L								
23	346	21.3	53	L								
24	342	19.3	48	L								
					DEC. 4, 1976							339
1	336	20.4	43	L								
2	324	19.1	38	L								
3	323	18.9	38	L								
4	325	22.0	29	L								
5	319	24.0	19	L								
6	317	24.0	15	L								
7	321	35.3	19	L								
8	332	42.4	28	L								
9	429	28.2	103	L								
10												
11												
12												
13												
14												
15	508	10.1	201	L								
16	509	8.9	185	L								
17												
18												
19	507	7.0	148	L								
20	510	7.2	132	L								
21	512	5.4	146	L								
22	504	5.4	139	L								
23	505	5.4	138	L								
24	494	6.9	145	L								

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DEC. 5, 1976 340

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	484	8.7	149	L								
2	477	8.3	138	L								
3	471	7.6	121	L								
4												
5	469	9.3	108	L								
6	475	11.4	112	L								
7	468	10.6	104	L								
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

DEC. 6, 1976 341

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	390	6.9	68	L								
9	393	8.2	68	L	2.8	34	245	-0.8	-1.3	1.7	2	J
10	400	8.7	50	J	4.2	23	256	-0.8	-2.7	2.4	2	J
11	386	8.6	53	J	5.4	32	286	1.1	-2.8	3.6	2	J
12	385	9.0	49	J	5.6	20	280	2.8	-4.0	3.2	2	J
13	383	9.3	43	J	6.1	14	261	-0.9	-4.8	2.9	2	J
14	391	10.9	48	J	6.4	6	267	-0.3	-5.0	1.9	4	J
15	397	13.9	62	J	5.0	30	347	3.8	-0.4	2.4	2	J
16	400	14.3	49	J	5.9	0	272	0.2	-5.4	0.9	2	J
17	394	13.3	41	J	6.0	-17	240	-2.8	-5.0	-1.2	2	J
18	394	13.6	46	J	5.9	2	257	-1.3	-5.4	0.5	2	J
19	395	16.0	50	J	5.4	16	244	-1.9	-3.9	1.3	3	J
20	386	16.9	72	J	5.5	31	330	2.7	-1.7	1.8	4	J
21	383	16.8	57	J	6.1	4	269	1.6	-4.5	0.0	4	J
22	382	12.2	66	J	7.3	23	329	5.4	-3.5	2.3	2	J
23	396	15.1	52	J	5.8	17	296	2.1	-4.0	0.9	4	J
24	392	15.4	48	J	5.8	20	334	4.6	-2.5	1.6	2	J

DEC. 7, 1976 342

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	396	11.7	41	J	5.8	10	292	1.1	-2.8	0.3	5	J
2	392	9.4	38	J	7.7	0	245	-3.1	-6.7	-0.4	2	J
3	389	10.6	41	J	7.6	3	273	0.4	-7.3	0.3	2	J
4	412	14.3	38	J	6.9	13	295	2.4	-5.2	1.5	3	J
5	413	18.1	36	J	6.3	2	301	2.9	-4.8	0.7	2	J
6	411	19.2	36	J	5.6	5	303	2.8	-4.1	1.1	2	J
7	411	18.3	32	J	5.6	5	301	2.6	-4.2	1.4	2	J
8	410	18.5	35	J	6.5	15	293	2.3	-4.9	3.0	2	J
9	405	18.2	31	J	5.5	17	312	3.3	-3.0	2.5	2	J
10	405	16.0	26	J	4.7	15	324	3.4	-2.0	1.9	1	J
11	407	15.6	23	J	4.5	19	331	3.6	-1.4	1.9	1	J
12	409	17.6	25	J	5.0	22	60	0.8	1.6	0.2	5	J
13	411	23.7	40	J	5.6	-46	221	-1.0	-1.2	-1.1	5	J
14	408	31.9	33	J	6.0	27	317	3.5	-2.6	3.2	3	J
15	413	36.9	29	J	2.9	36	8	0.8	0.2	0.6	3	J
16	412	36.1	33	J	4.2	47	98	-0.1	1.1	0.9	4	J
17	411	28.4	37	J	6.5	38	318	3.6	-2.8	4.1	2	J
18	417	25.0	43	J	7.1	49	339	3.9	-1.2	4.8	3	J
19	412	28.8	34	J	6.5	35	37	4.3	3.2	3.7	1	J
20	398	26.6	43	J	5.9	35	40	3.6	2.9	3.4	2	J
21	402	24.1	57	J	6.9	31	132	-1.5	1.5	1.5	7	J
22	411	27.7	38	J	6.3	-71	245	-0.6	-0.8	-4.1	5	J
23	402	35.4	44	J	7.3	3	145	-4.7	3.3	0.7	4	J
24	388	38.1	44	J	4.9	39	124	-1.9	2.4	3.0	2	J

DEC. 8, 1976 343

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	383	38.4	42	J	6.2	-19	332	4.3	-2.1	-1.9	4	J
2	382	35.0	34	J	8.0	-13	315	5.4	-5.3	-2.1	2	J
3	380	25.8	32	J	8.2	0	293	2.1	-5.1	-0.1	6	J
4	374	7.1	27	J	10.1	38	290	2.7	-7.2	6.4	1	J
5	359	5.1	56	J	8.6	43	289	1.7	-4.4	5.3	5	J
6	382	4.5	206	J	9.0	-66	115	-1.3	1.7	-7.4	5	J
7	389	7.4	142	J	9.0	-84	270	-0.0	-2.6	-7.8	4	J
8	393	10.3	135	J	8.0	-55	132	-2.8	1.5	-6.7	3	J
9	401	11.2	98	J	9.7	-48	131	-4.1	2.5	-8.0	3	J
10	399	10.9	118	J	10.9	-27	132	-6.2	5.1	-6.6	3	J
11	418	9.9	90	J	11.6	-59	146	-4.9	0.1	-10.4	3	J
12	418	12.3	107	J	11.9	-64	175	-4.8	-2.5	-9.6	5	J
13	387	13.0	102	J	13.7	-16	178	-13.0	-0.6	-3.7	2	J
14	386	12.7	119	J	12.6	7	169	-12.2	2.7	0.9	2	J
15	390	11.7	124	J	9.9	38	179	-7.6	1.3	5.8	2	J
16	435	7.6	84	J	10.5	48	168	-6.8	2.6	7.4	2	J
17	418	9.0	71	J	10.6	54	164	-5.8	2.5	8.1	3	J
18	432	8.2	59	J	10.3	45	142	-5.7	4.7	7.0	1	J
19	438	8.8	45	J	9.7	51	132	-4.0	4.4	7.4	2	J
20	439	10.1	47	J	9.4	52	132	-3.7	3.8	7.4	2	J
21	431	12.7	54	J	8.8	48	145	-4.5	2.6	6.3	3	J
22	432	13.6	48	J	9.6	45	143	-5.4	3.3	7.2	1	J
23	444	13.7	43	J	9.8	47	140	-5.1	3.3	7.6	1	J
24	425	13.0	46	J	9.7	75	182	-2.4	-1.2	9.0	2	J

DEC. 9, 1976 344

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	430	11.6	49	J	9.1	68	185	-3.3	-1.2	8.2	2	J
2	435	9.5	65	J	8.2	55	154	-4.1	1.5	6.6	2	J
3	440	9.4	76	J	6.9	38	155	-4.8	2.1	4.2	2	J
4	443	10.8	63	J	7.2	69	156	-2.3	1.2	6.6	1	J
5	484	5.4	179	J	7.8	-18	136	-4.5	4.2	-2.4	4	J
6	471	5.6	166	J	8.6	-12	138	-6.1	5.2	-2.5	2	J
7					9.5	-19	136	-6.3	5.4	-4.2	2	J
8					9.4	-20	134	-5.9	5.1	-4.5	3	J
9	451	6.1	88	J	9.6	-20	123	-4.7	6.1	-5.1	2	J
10	443	6.1	80	J	9.9	-26	121	-4.5	5.9	-6.3	2	J
11	434	5.9	84	J	10.2	-10	130	-6.4	6.7	-4.0	1	J
12	420	6.8	87	J	9.4	-18	120	-4.4	6.4	-4.9	2	J
13					9.0	-20	107	-2.4	6.8	-5.0	2	J
14					8.2	-15	120	-3.8	6.0	-3.5	2	J
15					8.0	-24	118	-3.3	5.6	-4.3	2	J
16	396	11.8	47	J	7.7	-14	127	-4.4	5.5	-2.6	2	J
17	392	13.3	50	J	7.1	-19	116	-2.9	5.6	-2.8	2	J
18	388	10.2	47	J	7.0	-15	115	-2.6	5.5	-1.9	3	J
19	381	9.0	58	J	7.0	-22	122	-3.4	5.5	-2.5	1	J
20	376	10.2	37	J	6.5	-19	132	-4.0	4.6	-1.8	1	J
21												
22												
23												
24												

DEC. 10, 1976 345

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2					6.0	38	139	-2.4	1.9	2.6	4	J
3					6.7	5	122	-3.5	5.6	0.8	1	J
4												
5	452	5.3	79	J	4.9	-26	108	-1.1	3.4	-2.1	3	J
6	440	5.3	86	J	4.4	26	143	-2.9	2.4	1.4	2	J
7	434	5.6	92	L	3.8	-2	155	-3.0	1.3	-0.4	2	J
8	437	5.5	88	L	4.3	3	147	-2.8	1.8	-0.3	3	J
9	423	5.9	72	L	4.8	7	136	-3.3	3.2	-0.3	1	J
10	422	5.8	74	L								
11	425	7.6	74	L								
12	460	12.8	84	J	6.3	-23	107	-1.6	4.3	-3.7	2	J
13	461	13.9	84	L	8.4	-7	147	-6.7	3.9	-2.1	2	J
14	461	13.6	73	L	8.2	6	159	-6.6	2.6	0.2	4	J
15	454	13.8	44	J	8.3	-3	150	-7.0	3.9	-1.2	1	J
16	445	13.0	46	J	7.6	-37	125	-3.2	3.9	-4.7	3	J
17	437	18.5	35	J	6.8	-61	74	0.6	1.8	-4.2	5	J
18	412	7.6	103	L	5.8	51	217	-2.5	-1.7	3.9	4	J
19	400	7.7	142	L	4.5	-4	339	3.4	-1.3	-0.3	3	J
20	390	6.7	190	L	3.8	-6	346	3.6	-0.9	-0.4	1	J
21	391	6.7	210	L	4.9	-16	355	4.7	-0.3	-1.4	1	J
22	436	8.6	163	J	6.8	-39	52	3.1	4.5	-3.6	2	J
23	441	12.8	110	J	6.3	-44	23	4.0	2.2	-3.9	2	J
24	444	17.3	97	J	5.8	-32	335	3.8	-1.4	-2.9	3	J

DEC. 11, 1976 346

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	451	16.1	124	J	6.5	-34	310	1.3	-1.4	-1.5	6	J
2	451	16.0	177	L	7.0	-27	47	4.1	4.6	-2.6	2	J
3	476	10.8	144	L	9.0	26	167	-7.4	1.5	3.8	3	J
4	490	6.1	155	J	8.9	-17	95	-0.7	8.0	-2.5	3	J
5	482	7.7	192	J	8.5	5	110	-2.8	7.6	0.2	3	J
6	482	9.5	154	J	8.0	7	118	-3.0	5.7	0.0	5	J
7	486	8.0	141	J	6.7	13	110	-1.9	5.3	0.3	4	J
8	493	7.7	131	J	5.3	0	118	-2.2	3.9	-1.0	2	J
9	492	6.5	126	J	5.4	-1	105	-1.4	4.9	-1.4	1	J
10	493	7.2	124	J	5.4	6	106	-1.2	4.2	-0.7	3	J
11	488	8.2	109	J	5.4	7	113	-1.7	3.9	-0.6	4	J
12	508	9.4	116	J	4.5	49	185	-2.5	0.6	2.9	2	J
13	510	8.2	98	J	6.2	40	146	-3.8	3.5	3.1	1	J
14	517	6.6	117	J	6.8	29	152	-5.1	3.3	2.5	2	J
15	515	6.9	113	J	5.6	11	146	-3.9	2.8	0.4	3	J
16	531	8.0	139	J	4.2	-19	74	0.8	2.6	-1.3	3	J
17	530	7.5	137	J	4.4	15	86	0.2	2.4	0.5	4	J
18	509	7.1	112	J	5.4	18	154	-4.2	2.1	1.5	3	J
19	515	6.8	159	J	5.3	24	172	-4.3	0.5	1.9	2	J
20	533	7.7	159	J	5.8	18	220	-3.9	-3.4	1.4	2	J
21	510	8.3	176	L	6.3	12	171	-5.8	0.8	1.3	2	J
22	493	7.7	85	J	6.7	7	180	-6.2	-0.1	0.7	3	J
23	510	8.6	123	J	6.9	7	207	-5.5	-2.9	0.3	3	J
24	545	8.4	198	J	5.6	-43	168	-2.1	0.7	-1.9	5	J

DEC. 12, 1976 347

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	502	8.2	129	J	7.6	-13	101	-1.1	5.9	-0.6	5	J
2	511	7.6	184	J	7.7	-7	104	-1.7	6.9	-0.2	3	J
3	544	5.7	167	J	6.9	-22	101	-1.2	6.3	-2.2	1	J
4	555	5.0	132	J								
5	561	4.6	129	J								
6	562	3.9	85	J	4.5	-2	175	-4.3	0.4	-0.2	1	J
7	569	3.8	117	J	4.2	-9	147	-3.1	1.9	-0.9	2	J
8	570	3.8	97	J	4.0	-9	149	-2.9	1.6	-0.9	2	J
9	555	3.9	79	J	4.4	13	150	-3.5	2.2	0.4	2	J
10	547	4.5	116	J	4.1	41	152	-2.5	2.0	2.0	1	J
11	522	4.5	144	J	3.9	-22	179	-3.5	-0.3	-1.4	1	J
12	510	4.3	61	J	4.1	-15	157	-3.3	1.1	-1.3	2	J
13	533	4.8	147	J	3.7	-64	63	0.6	0.5	-2.8	2	J
14	549	4.6	86	J	5.1	-50	60	1.6	1.9	-4.3	1	J
15	547	5.6	106	J	5.0	-40	65	1.4	2.4	-3.2	3	J
16	536	5.0	112	J	4.9	-28	93	-0.2	3.8	-2.6	2	J
17	523	5.9	151	J	4.5	-35	117	-1.5	2.8	-2.5	2	J
18	511	5.8	110	J	4.8	-1	127	-2.6	3.4	-0.1	2	J
19	508	5.3	104	J	5.2	8	120	-2.4	4.1	0.8	2	J
20	506	5.4	91	J	5.4	15	130	-3.3	3.8	1.7	1	J
21	513	6.1	122	J	5.6	1	130	-3.3	3.9	0.6	2	J
22	501	6.1	88	J	6.2	12	156	-5.3	2.2	1.5	2	J
23	496	6.7	116	J	6.3	2	155	-5.2	2.4	0.6	3	J
24	490	6.9	92	J	6.2	-3	183	-5.9	-0.3	-0.4	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 13, 1976							348
1	487	6.8	95	J	6.4	15	190	-5.7	-1.2	1.4	2	J
2	486	6.1	95	J	6.0	37	174	-4.6	0.1	3.5	2	J
3	480	5.8	103	J	5.9	45	163	-3.9	0.9	4.1	1	J
4	500	5.1	90	J	4.7	-21	145	-3.3	2.3	-1.5	2	J
5	507	4.8	114	L	4.3	-21	139	-2.9	2.4	-1.6	1	J
6	499	4.8	88	J	4.0	-8	162	-3.7	1.1	-0.7	1	J
7	489	5.3	101	J	3.4	-19	114	-0.9	1.8	-1.1	3	J
8	475	5.9	90	J	3.4	-20	48	1.6	1.6	-1.3	2	J
9	474	6.0	93	J	3.7	-23	65	0.9	1.6	-1.4	3	J
10	470	6.2	92	J	3.9	-14	65	1.3	2.4	-1.5	2	J
11	470	5.3	95	J	4.8	-9	46	3.0	2.8	-1.5	2	J
12	468	5.9	100	J	3.4	11	80	0.3	1.9	-0.1	3	J
13	463	6.4	96	J	3.2	-9	70	0.9	2.4	-1.0	2	J
14	435	7.6	101	J	3.4	-11	233	-1.8	-2.5	-0.1	1	J
15	432	7.2	129	J	3.8	6	218	-2.4	-1.8	0.6	2	J
16	431	7.3	96	J	5.3	9	214	-4.0	-2.6	1.1	2	J
17	420	6.3	77	J	5.1	12	195	-4.5	-1.2	1.1	1	J
18	427	5.2	89	J	5.8	10	195	-5.1	-1.4	0.9	2	J
19	426	4.4	81	J	5.7	12	190	-5.2	-1.0	1.1	1	J
20	455	7.2	98	J	5.4	3	116	-1.3	2.7	0.4	4	J
21	457	5.6	76	J	5.5	23	143	-3.5	2.4	1.1	3	J
22	457	5.8	93	J	5.6	12	129	-3.3	3.8	1.7	2	J
23	466	6.3	88	J	5.4	14	100	-0.8	4.3	1.9	2	J
24	449	6.1	79	J	5.5	20	110	-1.7	4.3	2.5	2	J
					DEC. 14, 1976							349
1	435	5.6	90	J	5.2	15	130	-2.9	3.2	1.7	3	J
2	461	5.6	82	J	4.6	1	90	0.0	4.2	0.5	2	J
3	442	5.7	77	J	4.2	8	90	0.0	3.7	0.8	2	J
4	434	5.6	86	J	4.1	-10	92	-0.1	3.7	-0.6	2	J
5	429	4.8	64	J	4.8	-1	78	0.9	4.0	-0.3	2	J
6	425	5.0	60	J	5.0	4	78	0.9	4.2	-0.2	2	J
7	439	2.5	56	L								
8												
9												
10	400	0.0	0	H								
11												
12												
13	398	0.0	0	H								
14	403	0.0	0	H								
15	436	0.0	0	H								
16	413	0.0	0	H								
17	378	0.0	0	H								
18	416	0.0	0	H								
19	432	0.0	0	H								
20												
21												
22												
23	358	5.2	38	L								
24	359	5.7	42	L								
					DEC. 15, 1976							350
1	357	6.0	32	L								
2												
3	365	0.0	0	H								
4												
5												
6	344	6.4	30	L								
7	340	7.1	29	L								
8	346	6.4	35	L								
9												
10	334	0.0	0	H								
11	340	8.6	27	L								
12												
13												
14												
15												
16												
17												
18	329	10.2	13	L								
19	324	10.2	14	L								
20	328	9.2	15	L								
21	337	0.0	0	H								
22	346	0.0	0	H								
23	333	6.5	41	L								
24	330	7.1	46	L								
					DEC. 16, 1976							351
1	331	0.0	0	H								
2	335	0.0	0	H								
3	334	0.0	0	H								
4												
5	329	0.0	0	H								
6	335	0.0	0	H								
7	330	8.7	32	L								
8	321	8.5	32	L								
9	325	8.8	32	L								
10	326	9.5	23	L								
11	326	9.6	21	L								
12	353	0.0	0	H								
13	353	29.3	21	L								
14												
15	349	0.0	0	H								
16												
17	422	11.2	73	L								
18	445	12.6	177	L								
19	444	18.3	240	L								
20	435	12.1	203	L								
21	450	16.2	147	L								
22	475	15.2	71	L								
23	466	17.6	73	L								
24	461	0.0	0	H								
					DEC. 17, 1976							352
1	464	0.0	0	H								
2	457	12.6	104	L								
3	450	13.5	164	L								
4	475	8.4	104	L								
5	474	9.6	75	L								
6	470	8.8	71	L								
7	476	9.2	52	L								
8	470	7.8	51	L								
9	471	7.3	52	L								
10	471	8.6	42	L								
11	442	0.0	0	H								
12	413	12.2	147	L								
13	448	9.9	129	L								
14	445	7.7	85	L								
15	458	8.8	53	L								
16	455	9.8	51	L								
17	447	0.0	0	H								
18	429	8.5	112	L								
19	408	7.9	96	L								
20	446	10.9	137	L								
21	439	9.6	109	L								
22	455	9.7	106	L								
23	463	12.4	123	L								
24												
					DEC. 18, 1976							353
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14	533	15.6	186	J								
15	524	10.8	37	J								
16	524	11.8	41	J								
17	515	12.5	54	J								
18	517	11.2	117	J								
19	503	8.8	50	J								
20	500	7.3	38	J								
21	484	7.6	30	J								
22	544	6.7	145	J								
23	479	7.7	30	J								
24	467	9.7	45	J								
					DEC. 19, 1976							354
1	455	10.0	51	J								
2	458	12.5	49	J								
3	466	9.8	57	J								
4	458	5.0	55	J								
5	467	5.0	53	J								
6	457	4.9	47	J								
7	463	4.8	59	J	6.7	16	308	3.5	-4.3	2.2	2	J
8	454	5.9	65	J	6.2	17	307	3.1	-3.8	2.3	3	J
9	448	8.8	65	J	4.4	-23	302	1.9	-3.2	-0.8	2	J
10	453	9.1	61	J	5.1	3	297	1.9	-3.5	1.0	3	J
11	447	8.5	56	J	5.1	19	293	1.7	-3.5	2.3	2	J
12	446	9.4	81	J	3.2	23	316	0.9	-0.8	0.7	3	J
13	442	9.0	79	J	5.0	-1	22	4.4	1.7	-0.4	2	J
14	437	9.4	95	J	5.4	13	0	5.0	0.2	1.1	2	J
15	430	10.5	107	J	5.3	10	1	5.2	0.2	0.9	0	J
16	428	10.8	128	J	5.6	19	10	5.1	1.0	1.7	1	J
17	432	11.5	89	J	5.2	14	334	2.4	-1.1	0.7	4	J
18	433	10.8	98	J	6.2	16	337	5.0	-2.2	1.5	2	J
19	424	8.6	97	J	8.0	13	354	7.8	-1.0	1.3	1	J
20	421	8.0	112	J	7.7	15	2	7.2	-0.0	2.0	1	J
21	424	7.8	117	J	7.4	15	345	6.7	-2.1	1.5	1	J
22	411	6.0	33	J	7.0	15	330	5.8	-3.6	1.1	1	J
23	435	9.2	66	J	7.6	8	330	3.6	-6.3	-0.3	2	J
24	430	8.9	89	J	6.7	3	300	3.1	-5.4	-0.8	2	J
					DEC. 20, 1976							355
1	439	9.6	45	J	5.6	-10	176	-4.6	0.5	-0.7	3	J
2	436	9.8	35	J	5.8	4	185	-5.7	-0.5	0.3	1	J
3	423	9.5	46	J	5.5	13	248	-1.3	-3.2	0.4	4	J
4	412	9.6	43	J	5.1	20	270	-0.0	-4.4	1.3	2	J
5	424	10.4	50	J	5.7	13	232	-3.1	-4.0	1.2	2	J
6	409	8.6	42	J	7.0	24	328	4.5	-2.7	2.5	4	J
7	411	8.4	47	J	6.5	30	301	1.7	-2.6	2.3	5	J
8	424	9.1	46	J	6.2	21	266	-0.3	-4.6	2.7	3	J
9	402	7.7	44	J	6.2	22	356	5.5	0.1	2.3	1	J
10	403	8.2	40	J	5.7	37	317	2.7	-1.9	3.2	3	J
11	405	7.8	47	J	4.9	8	266	-0.3	-3.7	1.4	3	J
12	410	7.7	65	J	4.0	-13	217	-2.9	-2.3	-0.4	2	J
13	409	7.7	68	J	3.5	-45	191	-2.4	-0.9	-2.3	1	J
14	402	7.4	63	J	3.8	14	303	1.5	-2.2	1.1	3	J
15	396	9.0	59	J	2.6	16	343	2.2	-0.6	0.7	1	J
16	393	9.5	58	J	2.4	-24	356	1.8	-0.2	-0.8	1	J
17	391	10.1	58	J	2.8	-26	351	2.2	-0.4	-1.1	1	J
18	387	9.7	63	J	3.4	18	354	2.9	-0.4	0.9	1	J
19	387	9.3	44	J	3.8	56	344	1.9	-0.8	2.9	1	J
20	388	8.0	47	J	3.8	35	334	2.5	-1.5	1.8	2	J
21	395	8.3	40	J	3.5	2	324	2.2	-1.6	-0.2	2	J
22	385	7.9	43	J	3.6	16	342	3.1	-1.2	0.7	1	J
23	381	8.0	33	J	4.0	27	347	3.5	-1.2	1.6	1	J
24												

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 21, 1976							356					DEC. 22, 1976							357
1					1.5	-35	273	0.1	-1.0	-1.0	0	J	364	16.6	28	J	4.4	20	97	-0.5	3.5	2.2	2	J
2	378	11.5	25	J	2.0	-8	290	0.6	-1.5	-0.5	1	J	367	14.7	29	J	4.5	-11	113	-1.6	4.0	-0.1	1	J
3	372	10.6	19	J	3.5	13	306	1.9	-2.7	0.4	1	J	365	14.0	34	J	6.1	20	104	-1.2	4.7	2.5	2	J
4	371	10.8	21	J	3.3	4	308	1.9	-2.4	0.0	1	J	366	13.4	36	J	6.0	-85	354	0.5	0.4	-5.5	2	J
5	383	8.9	16	L	3.3	21	319	2.3	-2.0	1.1	1	J	368	13.0	32	J	6.3	-51	98	-0.5	3.9	-4.7	1	J
6	382	13.3	21	J	2.1	-31	21	1.1	0.4	-0.7	2	J	365	12.6	39	J	6.1	-13	111	-1.9	4.9	-1.4	3	J
7	376	13.4	23	J	2.3	-38	289	0.6	-1.8	-1.2	1	J	368	13.4	56	J	5.6	-15	98	-0.7	4.5	-1.7	3	J
8					2.2	-25	273	0.1	-2.1	-0.6	0	J					6.1	-8	107	-1.6	5.2	-1.6	2	J
9	376	14.1	19	J	2.6	-14	291	0.9	-2.5	-0.2	1	J	369	13.7	42	J	6.4	-16	106	-1.7	5.4	-2.8	1	J
10	382	13.4	21	J	2.8	23	328	1.7	-0.9	1.1	2	J	372	15.0	30	J	5.7	-23	113	-1.9	4.0	-2.9	2	J
11	381	15.4	27	J	2.0	-12	274	0.1	-1.6	0.0	1	J	378	12.1	40	J	6.5	-24	96	-0.6	4.8	-3.5	3	J
12	378	15.2	25	J	2.2	-10	284	0.5	-2.0	0.0	1	J	386	11.5	43	J	7.1	-34	77	1.3	4.6	-4.8	2	J
13	374	15.9	25	J	2.2	4	294	0.7	-1.5	0.4	2	J	373	11.0	52	J	6.9	-13	105	-1.6	5.7	-2.5	2	J
14	374	15.4	21	J	1.5	22	66	0.4	1.0	0.3	1	J	373	11.6	59	J	6.5	-7	109	-2.0	5.6	-1.5	2	J
15	373	18.1	19	J	3.4	-37	129	-1.6	1.8	-2.1	1	J	369	11.7	61	J	6.6	-8	117	-2.9	5.5	-1.4	2	J
16	371	18.9	21	J	3.8	-35	151	-2.5	1.3	-2.1	1	J	362	12.3	77	J	6.5	-9	135	-4.2	4.1	-1.1	2	J
17					3.4	-20	135	-1.5	1.5	-0.8	3	J	366	13.2	66	J	6.6	2	132	-4.1	4.5	0.2	2	J
18	374	21.3	20	J	3.8	31	51	1.7	2.0	1.8	2	J	358	16.0	78	L	6.9	-38	150	-4.2	2.7	-3.7	3	J
19	366	20.5	24	J	2.8	34	4	1.3	0.0	0.9	2	J	364	16.0	80	L	6.8	-20	147	-4.3	3.0	-1.5	4	J
20	369	24.2	16	J	1.5	28	349	1.1	-0.3	0.6	1	J	367	18.3	74	L	5.8	22	133	-2.6	2.5	1.9	4	J
21	366	20.9	20	J	2.4	24	9	2.0	0.1	0.9	1	J	381	30.0	37	J	5.9	45	84	0.3	2.6	3.9	4	J
22	361	17.8	25	J	2.7	80	72	0.1	-0.1	2.1	2	J	384	20.3	49	J	6.1	46	104	-0.4	1.1	1.9	6	J
23	360	18.2	22	J	2.1	69	57	0.7	0.7	1.6	1	J	381	23.4	43	J	5.0	77	170	-0.9	-0.8	4.0	3	J
24	361	18.7	26	J	2.4	30	86	0.1	1.6	1.5	1	J	381	19.2	46	J	4.9	61	147	-1.1	0.1	2.4	4	J
					DEC. 23, 1976							358					DEC. 24, 1976							359
1	374	11.2	69	J	6.2	12	130	-2.8	3.1	1.6	4	J	358	10.4	34	J	3.9	-1	120	-1.4	2.5	0.5	3	J
2	374	11.1	79	J	5.6	9	135	-3.8	3.6	1.6	1	J	367	14.6	26	J	3.7	13	46	2.2	2.3	1.2	1	J
3	400	12.8	46	J	5.2	-19	98	-0.7	5.0	-1.0	1	J	360	14.1	23	J	3.8	39	71	0.8	2.1	2.4	2	J
4	398	9.8	72	L	5.5	6	111	-1.9	4.9	1.0	1	J	364	14.0	32	L	4.8	-4	53	2.8	3.7	0.0	2	J
5	394	8.5	59	L									358	14.9	30	L	5.1	-13	71	1.6	4.5	-0.9	1	J
6	393	10.2	35	J	4.7	-31	106	-1.1	3.8	-2.6	1	J	357	15.2	25	J	4.9	-72	2	1.5	-0.1	-4.5	1	J
7	391	12.1	33	J	4.4	-13	133	-2.9	3.0	-1.2	1	J	362	18.5	36	J	5.4	-55	328	2.2	-1.7	-3.6	3	J
8	389	14.2	29	J	3.6	-15	151	-2.9	1.5	-1.1	1	J	363	19.4	40	J	5.5	-71	33	1.0	0.2	-3.5	4	J
9	389	14.9	25	J	3.9	0	158	-3.6	1.4	-0.3	1	J	364	21.7	39	J	5.2	-76	47	0.8	0.1	-4.6	2	J
10	388	13.7	25	J	3.5	12	150	-3.0	1.8	0.4	1	J	358	19.7	45	J	5.1	-34	87	0.2	3.3	-3.3	2	J
11	382	11.2	31	J	3.8	8	132	-2.5	2.8	-0.0	1	J	362	18.5	44	J	6.3	10	82	0.8	5.7	-3.1	2	J
12	379	9.5	43	J	4.3	15	144	-3.3	2.5	0.6	1	J	360	18.1	37	J	6.3	-14	85	0.4	4.8	-2.2	3	J
13	376	10.6	48	J	4.2	23	142	-3.0	2.6	1.2	1	J	356	25.2	23	J	3.9	-53	130	-1.3	1.1	-2.8	2	J
14	376	9.8	33	J	4.3	22	135	-2.6	2.8	1.1	2	J	352	15.1	46	J	3.6	14	74	0.7	2.4	0.3	3	J
15	373	8.9	38	L	4.0	14	130	-2.4	2.9	0.7	1	J	350	14.2	43	J	2.4	-83	147	-0.2	-0.0	-1.7	2	J
16	368	9.1	36	L	4.1	26	143	-2.8	2.2	1.6	1	J	354	12.1	45	J	2.5	-25	86	0.1	1.2	-0.6	2	J
17	362	7.7	36	J	4.3	33	152	-3.0	1.6	2.3	1	J	357	12.9	41	J	2.5	-2	94	-0.1	1.5	0.5	2	J
18	362	8.1	38	L	4.1	46	182	-2.4	-0.2	2.5	2	J	363	16.8	28	J	1.[illegible]			-0.2	-1.1	-0.2	1	J
19	361	7.8	46	L	4.0	41	146	-2.1	1.1	2.3	2	J	366	17.6	29	J	1.2			0.0	0.1	-0.4	1	J
20	365	8.2	39	J									365	16.5	34	J	2.7			-1.1	1.9	0.3	2	J
21	365	8.3	32	J									363	17.4	37	J	3.2	53	139	-1.2	0.6	2.3	2	J
22	366	8.9	38	J	4.0	-20	92	-0.1	3.3	-0.4	2	J	360	17.8	28	J	3.9	77	37	0.6	-0.3	3.1	2	J
23	362	8.9	37	J	3.9	-41	113	-1.1	3.0	-1.7	1	J	360	19.6	25	J	5.3	66	9	1.9	-0.8	4.3	2	J
24	364	9.0	37	J	3.[illegible]	-56	90	0.0	2.1	-1.9	2	J	344	21.5	32	J	5.5	9	156	-3.3	1.3	0.9	4	J
					DEC. 25, 1976							360					DEC. 26, 1976							361
1	344	17.4	37	J	6.3	7	119	-2.7	4.6	1.8	3	J	424	9.5	102	J	3.3	-18	116	-1.1	2.4	-0.3	2	J
2	341	15.3	40	J	5.5	-12	139	-3.7	3.4	-0.4	2	J	429	9.2	92	J	3.3	0	106	-0.5	1.7	0.4	3	J
3	337	9.1	47	J	7.4	-19	137	-4.9	4.9	-1.6	2	J	427	8.8	79	J	3.9	-4	90	0.0	1.9	0.2	3	J
4	335	10.3	30	J	7.5	18	129	-4.5	5.3	2.9	1	J	431	8.5	80	J	4.3	-24	27	2.0	1.1	-0.9	4	J
5	350	10.6	75	J	6.4	43	161	-3.0	0.9	3.0	5	J	429	7.7	65	J	5.5	-20	28	4.1	2.2	-1.6	2	J
6	361	7.8	75	J	8.5	38	162	-5.7	1.9	4.6	4	J	420	8.8	83	J	5.0	-23	60	2.0	3.4	-1.7	3	J
7	390	12.1	74	J	6.3	46	175	-4.0	0.7	4.1	3	J	416	8.4	89	J	5.2	31	151	-3.8	2.3	2.5	1	J
8	392	13.2	73	J	5.2	19	117	-1.8	3.7	0.9	3	J	411	7.7	50	J	6.7	26	146	-4.6	3.4	2.3	2	J
9	396	12.9	71	J	5.3	-35	115	-1.5	2.7	-2.9	3	J	410	7.7	45	J								
10	405	12.9	65	J	5.6	-67	100	-0.3	0.8	-3.7	4	J	405	7.0	50	J								
11	387	13.3	92	J	5.1	-11	133	-2.9	3.0	-1.4	3	J	408	6.6	47	J								
12	406	12.4	58	J	5.7	-39	83	0.4	2.8	-3.2	4	J	396	6.7	53	J								
13	439	11.5	56	J	6.3	-36	82	0.6	3.4	-3.4	4	J	399	7.0	54	J								
14	406	11.3	54	J	6.9	-18	101	-1.2	6.0	-2.8	2	J	394	7.5	54	J	5.8	-3	121	-2.8	4.6	-0.8	2	J
15	415	10.1	66	J	7.1	-4	107	-1.7	5.5	-0.8	4	J	392	8.3	45	J	5.9	-8	103	-1.2	5.3	-1.1	2	J
16	428	9.6	122	J	6.8	25	150	-5.2	3.1	2.7	2	J	382	8.3	46	J	6.3	-4	128	-3.7	4.8	-0.5	1	J
17	437	9.4	122	J	5.2	11	122	-2.5	4.0	1.0	2	J	373	8.8	48	J								
18	438	10.2	132	J	4.4	13	91	-0.0	1.7	0.5	4	J	325	12.8	85	J								
19	431	10.2	134	J	3.6	21	130	-1.6	1.8	1.2	3	J	373	8.5	66	L								
20	424	10.6	160	J	3.7	4	175	-3.5	0.3	0.3	1	J	377	9.1	64	L								
21	436	9.8	110	J	4.0	-11	101	-0.4	2.3	0.0	3	J	386	9.2	68	L								
22	438	9.3	95	J	3.9	12	84	0.3	2.8	1.3	2	J	375	8.7	70	L								
23	430	10.0	103	J	3.5	18	102	-0.4	1.8	1.2	3	J	374	8.8	64	L								
24	415	9.6	84	J	4.1	1	165	-3.6	0.9	0.3	2	J	363	9.7	62	L								
					DEC. 27, 1976							362					DEC. 28, 1976							363
1	372	0.0	0	H									362	10.9	59	L								
2	360	10.7	79	L									359	11.5	60	L								
3	362	10.0	71	L									363	10.9	51	L								
4	369	0.0	0	H									371	12.5	59	L								
5	351	6.3	52	L									362	11.8	60	L								
6	355	6.7	54	L									362	11.9	53	L								
7													358	11.9	50	L								
8	352	9.3	71	L									359	15.2	38	L								
9	356	8.2	65	L									356	14.2	40	L								
10																								
11																								
12	370	0.0	0	H																				
13	367	10.1	58	L									333	0.0	0	H								
14	362	10.1	46	L																				
15	369	0.0	0	H									321	17.0	35	L								
16	361	11.9	53	L									328	19.8	36	L								
17	363	12.9	51	L									335	25.8	29	L								
18													332	22.1	26	L								
19													333	19.8	22	L								
20													329	19.4	26	L								
21	369	0.0	0	H									339	0.0	0	H								
22	362	11.4	71	L																				
23	366	10.9	63	L									407	0.0	0	H								
24	367	11.0	59	L									443	35.6	140	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 29, 1976							364
1	440	39.4	151	L								
2	465	31.1	32	L								
3	485	52.1	48	L								
4	481	36.3	38	L								
5	490	49.3	76	L								
6	479	43.7	78	L								
7	471	35.9	58	L								
8	476	17.5	54	L								
9	481	34.4	46	L								
10	482	10.3	41	L								
11												
12												
13	434	21.2	9	L								
14	429	18.0	10	L								
15												
16												
17	421	0.0	0	H								
18	416	6.4	18	L								
19	429	6.1	26	L								
20	429	9.0	21	L								
21	418	11.3	21	L								
22	414	13.6	21	L								
23	415	15.8	25	L								
24	416	18.8	22	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 30, 1976							365
1	400	5.9	10	L								
2	397	10.4	18	L								
3	404	9.2	14	L								
4	421	11.8	37	L								
5	401	5.8	38	L								
6	410	0.0	0	H								
7	414	18.1	52	L								
8	415	29.8	32	L								
9	408	28.6	29	L								
10	404	28.0	24	L								
11	429	26.9	32	L								
12	411	21.4	38	L								
13	437	22.4	40	L								
14	400	20.2	41	L								
15	404	21.6	36	L								
16												
17	393	18.9	44	L								
18	389	10.9	49	L								
19	401	10.9	35	L								
20												
21												
22												
23	417	32.9	44	L								
24	425	53.3	26	L								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 31, 1976							366
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	479	8.4	129	J	8.4	13	340	6.1	-2.5	1.0	5	J
21	508	8.7	145	J	7.1	51	348	3.0	-1.6	3.5	5	J
22	499	7.3	122	J	8.1	14	315	4.9	-5.2	0.3	3	J
23	514	6.4	147	J	7.7	8	314	4.3	-4.5	-0.5	4	J
24	511	5.7	135	J	8.1	17	310	4.4	-5.7	0.5	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 1, 1977							1
1	521	5.2	120	J								
2	528	5.2	140	J								
3	529	5.2	114	J								
4	544	5.2	101	J								
5	556	4.6	117	J								
6	587	5.3	224	J								
7	589	4.9	161	J								
8	582	5.9	199	J								
9	576	5.6	141	J								
10	568	5.0	119	J								
11	562	4.9	116	J								
12	564	4.8	108	J								
13	560	4.8	97	J								
14	567	5.0	115	J								
15	569	5.1	123	J								
16	577	5.0	156	J								
17	572	4.9	141	J								
18	560	4.5	113	J								
19	539	5.1	112	J								
20	555	5.0	138	J								
21	559	5.1	137	J								
22	565	4.4	131	J								
23	557	4.1	133	J								
24	544	4.0	152	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 2, 1977							2
1	549	3.6	108	J	5.0	2	320	3.7	-3.0	-0.7	1	J
2	553	3.5	170	J	4.6	-12	325	3.6	-2.2	-1.6	1	J
3	553	3.2	197	J	4.1	-16	338	3.7	-1.2	-1.4	1	J
4	547	2.4	113	J	3.8	-18	334	3.2	-1.4	-1.4	1	J
5	526	2.1	87	J	4.3	13	330	3.5	-2.1	0.7	1	J
6	495	2.7	78	J	4.7	25	325	3.3	-2.4	1.8	1	J
7	492	3.1	80	J	4.4	19	314	2.6	-2.7	1.4	2	J
8	486	2.4	117	J	4.3	27	345	3.5	-0.8	1.9	1	J
9	462	3.4	69	J	3.2	2	332	2.6	-1.3	0.2	1	J
10	453	3.2	42	J	3.3	5	314	2.1	-2.1	0.5	1	J
11	464	2.9	48	J	3.2	8	278	0.4	-2.9	0.8	1	J
12	463	2.8	54	J	3.2	2	253	-0.9	-2.9	0.5	1	J
13	452	3.5	37	J	3.0	-1	288	0.9	-2.8	0.2	1	J
14	443	4.2	39	J	3.0	16	294	1.1	-2.4	0.9	1	J
15	446	7.3	27	J	2.8	17	288	0.8	-2.5	0.9	1	J
16	446	8.1	23	J	3.3	10	297	1.4	-2.8	0.5	1	J
17	442	7.9	27	J	3.8	-4	283	0.8	-3.3	-0.5	2	J
18	436	8.0	22	J	4.0	-11	266	-0.3	-3.8	-1.3	0	J
19	429	9.8	23	J	3.6	1	268	-0.1	-3.4	-0.6	1	J
20	423	10.8	27	J	3.7	-5	271	0.1	-3.5	-1.1	1	J
21												
22	405	11.1	16	J	3.4	10	278	0.4	-2.7	-0.3	2	J
23												
24	376	10.4	35	J	3.6	24	322	2.5	-2.3	0.8	0	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 3, 1977							3
1	398	11.3	18	J	4.2	16	282	0.8	-3.9	-0.0	1	J
2	400	14.0	21	J	5.7	7	251	-1.7	-5.0	-0.7	2	J
3	391	14.1	21	J	4.8	1	271	0.1	-4.4	-0.9	2	J
4					4.6	11	296	1.9	-4.1	0.2	1	J
5					4.3	8	290	1.4	-4.0	0.2	1	J
6					5.1	4	295	2.1	-4.5	0.1	1	J
7					5.7	-16	307	3.1	-4.1	-1.4	2	J
8	377	15.0	25	J	6.9	1	301	3.4	-5.6	0.4	2	J
9	376	15.6	26	J	6.9	18	321	4.3	-3.3	2.1	4	J
10	375	15.5	20	J	7.0	35	295	2.4	-4.7	4.6	1	J
11	370	14.3	16	J	7.0	33	299	2.8	-4.6	4.3	1	J
12	369	17.3	16	J	5.9	23	300	2.7	-4.4	2.8	1	J
13					6.7	44	332	4.2	-1.8	4.8	1	J
14					6.7	41	325	3.7	-2.4	4.1	3	J
15	353	10.1	22	J	6.4	47	343	3.8	-1.1	4.3	3	J
16	352	6.7	22	J	6.9	25	314	4.2	-4.4	2.6	2	J
17	358	8.9	27	J	6.0	-3	299	1.6	-2.9	-0.4	5	J
18	366	4.3	20	J	6.5	-60	229	-2.1	-1.6	-5.7	1	J
19	373	7.2	35	J	4.5	5	303	1.0	-1.6	-0.1	4	J
20	384	8.3	46	J	2.9	-39	313	0.9	-0.7	-1.3	2	J
21	379	7.7	40	J	3.4	-47	241	-0.9	-1.0	-2.3	2	J
22	374	9.6	32	J	3.6	-52	338	1.4	0.0	-2.0	3	J
23	371	10.5	34	J	3.8	-8	2	3.7	0.3	-0.4	1	J
24	381	12.1	26	J	4.2	-25	323	2.9	-1.6	-2.3	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 4, 1977							4
1	379	13.0	30	J	5.3	12	325	4.1	-3.1	0.2	2	J
2	383	9.9	28	J	6.4	11	322	4.9	-4.0	0.1	1	J
3	392	10.0	20	J	6.5	7	323	5.1	-3.9	-0.1	1	J
4	388	12.0	24	J	6.4	-3	318	4.6	-4.0	-1.1	1	J
5	376	12.0	25	J	6.0	1	320	4.5	-3.8	-0.3	1	J
6	373	10.0	34	J	6.7	-7	315	4.6	-4.5	-1.0	2	J
7	378	13.8	32	J	4.7	19	323	3.0	-2.3	1.3	3	J
8	374	12.4	41	J	6.0	22	339	4.7	-1.7	2.1	3	J
9	364	14.1	38	J	5.8	17	0	4.5	0.1	1.4	4	J
10	367	11.3	27	J	5.7	-59	176	-2.9	-0.3	-4.9	1	J
11	373	9.1	29	J	7.3	-61	191	-3.4	-1.4	-6.2	2	J
12	366	9.3	29	J	7.1	-61	209	-3.0	-2.3	-5.9	1	J
13	370	12.6	31	J	7.0	-56	267	-0.2	-4.2	-5.2	2	J
14	386	7.0	30	J	7.8	-61	250	-1.3	-3.8	-6.6	1	J
15	384	7.7	36	J	7.9	-58	258	-0.9	-4.0	-6.5	2	J
16	386	9.3	38	J	7.5	-31	296	2.5	-5.0	-3.7	3	J
17	394	8.7	27	J	8.1	-11	303	4.1	-6.1	-2.0	3	J
18	401	6.8	24	J	8.6	-21	295	3.3	-6.7	-4.1	1	J
19	406	7.4	23	J	8.8	-14	294	3.5	-7.2	-3.6	1	J
20	403	7.1	26	J	8.9	-8	300	4.3	-7.0	-3.0	1	J
21	399	6.4	31	J	9.0	-7	302	4.6	-6.8	-3.1	2	J
22	397	6.5	38	J	9.3	-7	315	6.3	-5.7	-3.0	2	J
23	402	6.7	37	J	9.1	3	305	4.8	-6.7	-1.8	3	J
24	402	6.7	39	J	8.7	-6	308	5.0	-5.8	-2.9	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 5, 1977							5
1	390	6.7	58	J	8.8	-7	331	7.2	-3.5	-2.2	3	J
2	383	7.0	89	J	9.5	1	332	8.2	-4.2	-1.1	2	J
3					8.9	-7	315	6.0	-5.6	-2.4	2	J
4					8.9	2	308	5.3	-6.8	-1.0	1	J
5	366	14.8	53	J	7.1	-50	45	0.9	1.0	-1.3	7	J
6	381	17.9	47	J	6.6	9	112	-2.4	5.8	1.4	2	J
7	380	20.4	38	J	6.6	60	18	2.9	0.9	5.3	3	J
8	369	19.3	39	J	6.0	-16	147	-2.9	1.8	-1.1	5	J
9	357	19.7	41	J	7.1	-11	172	-6.6	0.8	-1.4	2	J
10	352	17.6	50	J	7.2	18	201	-6.2	-2.2	2.4	2	J
11	356	18.0	49	J	6.1	38	215	-3.9	-2.3	4.0	1	J
12	354	16.9	56	J	6.5	27	192	-5.2	-0.8	2.8	3	J
13	351	13.9	53	J	6.9	-11	149	-4.9	2.8	-1.3	4	J
14	349	13.9	81	J	6.8	4	178	-6.2	0.2	0.4	3	J
15	352	14.1	76	J	7.4	13	168	-6.7	1.4	1.6	3	J
16	395	12.0	81	J	7.8	-22	117	-3.0	6.0	-2.4	3	J
17	391	12.7	62	J	8.7	-21	107	-2.3	7.9	-2.3	2	J
18	387	16.1	65	J	7.7	-29	100	-1.1	6.7	-2.5	3	J
19	383	24.2	63	J	8.2	-84	232	-0.4	0.7	-5.8	6	J
20	385	21.9	72	J	8.9	-39	89	0.1	6.8	-3.1	5	J
21	378	20.2	73	J	10.7	-29	110	-2.5	7.8	-1.9	7	J
22	381	15.5	89	J	10.2	19	134	-5.1	4.2	4.0	7	J
23	380	12.4	126	J	9.4	32	168	-7.4	-0.0	5.0	3	J
24	406	7.9	185	J	8.2	-41	79	0.7	4.4	-1.8	7	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
					JAN. 6, 1977							6
1	437	9.5	248	J	7.7	-37	68	2.1	6.3	-2.4	3	J
2	404	10.0	173	J	8.6	-7	102	-1.6	7.5	1.2	4	J
3	431	11.3	158	J	9.7	-13	114	-3.2	7.4	-0.0	5	J
4	446	9.8	98	J	9.6	13	141	-7.1	5.3	3.2	2	J
5	444	10.4	79	J	9.1	17	146	-6.7	4.2	3.1	3	J
6	431	9.9	120	J	8.4	15	131	-5.3	5.9	2.6	1	J
7	429	9.4	89	J	7.7	-6	131	-4.7	5.4	-0.7	3	J
8	423	8.9	96	J	7.3	2	136	-5.2	5.0	0.1	1	J
9	405	7.9	54	J	7.2	-4	136	-5.0	4.8	-0.8	2	J
10	406	7.4	46	J	7.8	-7	133	-5.3	5.6	-1.5	1	J
11	406	8.4	49	J	7.4	-6	130	-4.6	5.4	-1.3	2	J
12	401	8.2	59	J	7.5	-10	132	-4.8	5.2	-1.7	2	J
13	398	7.2	66	J	7.9	-9	142	-6.1	4.7	-1.5	1	J
14	398	9.5	71	J	7.6	-7	135	-4.9	4.9	-1.0	3	J
15	400	14.0	66	J	6.5	-10	120	-3.1	5.4	-1.1	2	J
16	400	20.2	74	J	3.9	-7	128	-2.1	2.8	-0.3	3	J
17	414	27.8	73	J	4.1	-12	2	2.6	0.2	-0.5	3	J
18	423	31.5	97	J	6.2	-25	349	4.3	-0.5	-2.1	4	J
19	415	27.4	56	J	7.8	19	83	0.5	4.0	2.4	7	J
20	413	29.7	59	J	8.1	21	135	-5.0	4.2	3.9	3	J
21	425	18.2	66	J	10.4	12	102	-1.8	7.7	4.3	5	J
22	426	17.8	86	J	11.1	27	148	-8.2	3.3	6.3	3	J
23	455	11.3	186	J	8.8	28	170	-5.8	-0.1	3.3	6	J
24	466	10.3	212	J	7.2	9	128	-3.7	4.2	2.5	4	J
					JAN. 7, 1977							7
1	476	8.9	151	J	7.3	2	133	-4.4	4.4	1.7	4	J
2	452	8.8	151	J	6.3	-21	118	-2.3	4.7	-0.5	4	J
3	430	7.8	139	J	5.5	-13	149	-4.1	2.7	-0.4	2	J
4	432	7.4	118	J	6.2	11	168	-5.4	0.9	1.3	3	J
5	447	6.1	89	J	6.0	0	136	-3.7	3.6	0.5	3	J
6	447	5.3	76	J	5.8	-5	145	-4.3	3.1	-0.2	2	J
7	449	5.2	50	J	6.2	3	149	-5.1	3.1	0.4	1	J
8	452	5.1	51	J	6.1	-12	150	-5.0	2.9	-1.3	1	J
9	451	5.2	40	J	6.0	-5	151	-5.1	2.8	-0.7	1	J
10	450	5.2	34	J	5.9	-13	154	-5.2	2.4	-1.5	1	J
11	444	4.7	42	J	5.4	0	174	-5.2	0.5	-0.0	1	J
12	439	4.6	54	J	5.5	-3	171	-5.3	0.8	-0.4	1	J
13	432	6.0	60	J	6.2	-3	148	-5.2	3.2	-0.5	1	J
14	427	6.0	48	J	6.2	-4	134	-4.2	4.4	-0.5	0	J
15	421	6.7	38	J	5.9	-3	138	-4.4	3.9	-0.3	1	J
16	420	6.3	34	J	6.3	-8	138	-4.6	4.2	-0.6	0	J
17	404	7.8	31	J	6.3	-7	137	-4.5	4.3	-0.3	1	J
18	411	8.2	39	J	6.4	4	150	-5.4	3.0	0.9	2	J
19	411	8.4	36	J	6.1	-1	135	-4.2	4.1	0.8	2	J
20	418	7.4	58	J	6.7	-4	134	-4.0	4.1	0.7	3	J
21	412	7.3	33	J	7.0	-1	141	-5.4	4.2	1.2	2	J
22	414	7.6	51	J	6.2	7	148	-4.8	2.6	1.6	3	J
23	416	7.6	47	J	6.7	15	159	-6.0	1.6	2.4	1	J
24	411	8.4	42	J	7.1	24	170	-6.0	0.1	2.9	2	J
					JAN. 8, 1977							8
1	412	7.2	32	J	6.7	10	157	-5.9	2.0	1.9	2	J
2	421	6.7	51	J								
3	421	7.5	56	J								
4	413	7.7	50	J								
5	442	8.3	71	J								
6	389	10.6	87	J								
7	453	0.0	0	H								
8	450	0.0	0	H								
9												
10												
11												
12												
13	445	0.0	0	H								
14	443	0.0	0	H								
15	436	0.0	0	H								
16	410	0.0	0	H								
17	405	0.0	0	H								
18	402	0.0	0	H								
19	401	0.0	0	H								
20	402	0.0	0	H								
21	405	0.0	0	H								
22	403	0.0	0	H								
23	404	0.0	0	H								
24	405	0.0	0	H								
					JAN. 9, 1977							9
1	408	0.0	0	H								
2												
3	382	0.0	0	H								
4	379	0.0	0	H								
5	379	0.0	0	H								
6	377	0.0	0	H								
7												
8	372	0.0	0	H								
9	372	0.0	0	H								
10												
11												
12												
13												
14												
15	386	0.0	0	H								
16	379	0.0	0	H								
17	387	0.0	0	H								
18	380	0.0	0	H								
19	379	0.0	0	H								
20	385	0.0	0	H								
21	376	0.0	0	H								
22	377	0.0	0	H								
23	376	0.0	0	H								
24	382	0.0	0	H								
					JAN. 10, 1977							10
1	378	0.0	0	H								
2	372	0.0	0	H								
3												
4	369	0.0	0	H								
5	372	0.0	0	H								
6	370	0.0	0	H								
7	367	0.0	0	H								
8	365	0.0	0	H								
9	364	0.0	0	H								
10												
11												
12												
13												
14												
15												
16	341	0.0	0	H								
17	339	0.0	0	H								
18	348	0.0	0	H								
19	343	0.0	0	H								
20	345	0.0	0	H								
21												
22	349	0.0	0	H								
23	339	0.0	0	H								
24	338	0.0	0	H								
					JAN. 11, 1977							11
1	334	0.0	0	H								
2	333	0.0	0	H								
3	335	0.0	0	H								
4												
5												
6												
7												
8												
9	335	0.0	0	H								
10	347	0.0	0	H								
11	355	0.0	0	H								
12	357	0.0	0	H								
13	360	0.0	0	H								
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					JAN. 13, 1977							13
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	427	7.8	96	J								
13	462	5.7	52	J	3.8	3	226	-2.4	-2.5	0.2	2	J
14	453	6.1	66	J	3.3	5	241	-1.5	-2.7	0.2	1	J
15	445	6.1	59	J	3.9	-49	241	-0.9	-1.5	-2.2	3	J
16	428	5.2	73	J	2.8	-31	320	1.2	-0.9	-1.1	2	J
17	413	5.4	55	J	4.0	47	326	1.9	-1.7	2.3	2	J
18	410	6.0	48	J	4.7	4	31	3.7	2.1	0.7	2	J
19	396	5.9	56	J	4.6	16	12	4.2	0.6	1.4	1	J
20	400	5.1	54	J	4.2	-15	1	4.0	0.4	-1.0	1	J
21	392	6.3	95	J	2.7	-18	348	2.0	-0.2	-0.8	2	J
22	398	6.6	63	J	4.0	-27	300	1.4	-1.8	-2.2	2	J
23	411	6.9	54	J	4.6	26	281	0.6	-3.4	0.3	3	J
24					5.2	-12	20	4.7	2.0	-0.3	0	J
					JAN. 14, 1977							14
1	404	8.3	62	J	5.8	-40	352	3.5	0.6	-2.9	4	J
2	401	10.4	74	J	5.9	-13	42	3.8	3.7	0.0	3	J
3	398	11.3	83	J	6.4	3	38	3.6	2.6	1.1	4	J
4	395	11.3	90	J	7.1	26	341	5.1	-2.4	2.1	4	J
5	439	10.3	81	J	7.8	-17	260	-1.0	-5.5	-2.9	4	J
6	458	11.0	101	J	5.8	-14	239	-2.0	-3.2	-1.4	4	J
7	464	11.6	95	J	5.6	-33	214	-3.7	-2.3	-3.1	2	J
8	468	13.5	118	J	4.1	9	249	-0.7	-1.9	3.3	4	J
9	471	13.8	116	J	4.5	-13	236	-2.2	-3.6	-0.9	2	J
10	469	13.9	117	J	5.0	-22	259	-0.7	-3.8	-1.4	3	J
11	428	13.9	199	J	5.9	2	7	5.6	0.7	0.2	2	J
12	437	12.7	121	J	6.1	35	313	2.8	-3.0	3.0	3	J
13	435	13.1	96	J	7.6	26	289	1.9	-5.4	2.9	4	J
14	444	13.4	87	J	8.4	-5	271	0.1	-6.7	-0.7	5	J
15	436	10.1	82	J	10.2	4	308	6.0	-7.7	0.2	3	J
16	462	12.1	111	J	9.6	-4	307	5.3	-6.9	-1.4	4	J
17	480	13.0	148	J	9.0	-14	304	3.8	-5.3	-2.6	6	J
18	507	11.0	149	J	8.8	-34	302	3.0	-3.9	-4.7	5	J
19	500	9.7	129	J	9.3	13	308	5.4	-7.2	0.1	2	J
20	538	10.0	243	J	7.2	16	306	3.7	-5.4	0.2	3	J
21	566	10.4	292	J	4.1	-68	355	0.6	0.5	-1.4	4	J
22												
23	559	8.6	230	J	7.3	-28	289	1.9	-4.0	-5.0	3	J
24	558	8.8	247	J	6.7	-27	291	1.5	-2.9	-3.5	5	J

JAN. 15, 1977

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	543	8.5	223	J	7.4	29	338	4.8	-2.9	1.9	4	J
2	556	7.3	203	J	8.2	6	335	3.5	-4.9	-1.1	5	J
3	565	7.3	222	J	7.6	2	325	5.6	-5.8	-1.0	3	J
4	577	6.5	177	J	8.0	-6	312	4.8	-5.0	-2.1	3	J
5					6.8	-10	312	3.3	-3.4	-1.6	5	J
6					7.0	22	340	5.3	-2.2	2.0	3	J
7	589	6.3	171	J	6.7	17	8	6.1	2.7	1.9	1	J
8	576	6.4	195	J	6.1	9	342	5.5	-1.8	0.9	1	J
9	586	5.7	159	J	4.7	-1	296	1.8	-3.7	-0.1	2	J
10	579	4.7	157	J	5.0	7	322	3.7	-2.9	0.6	2	J
11	587	3.9	129	J	5.2	11	313	3.3	-3.6	1.1	2	J
12					4.2	1	327	1.6	-1.0	0.1	4	J
13	586	4.0	119	J	5.8	29	295	1.7	-3.7	2.3	3	J
14	567	4.1	81	J	5.3	44	359	3.3	-0.1	3.2	3	J
15	563	4.2	77	J	4.3	27	356	3.5	-0.4	1.7	2	J
16	557	4.1	106	J	3.8	10	309	2.0	-2.5	0.3	2	J
17	548	3.7	79	J	3.7	-13	307	2.2	-2.7	-1.3	1	J
18	534	3.7	81	J	4.7	10	314	3.1	-3.3	0.1	2	J
19	533	3.8	91	J	5.1	6	322	3.9	-3.1	-0.3	1	J
20	535	3.5	145	J	4.9	1	336	4.4	-1.9	-0.5	1	J
21	528	3.2	140	J	4.8	2	337	4.3	-1.8	-0.5	1	J
22												
23												
24												

JAN. 16, 1977

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	496	4.3	100	J	4.6	2	356	4.4	-0.3	0.0	1	J
2	494	4.3	75	J	5.6	10	5	5.5	0.1	1.1	1	J
3												
4					4.0	-17	2	3.3	0.4	-1.0	2	J
5					4.1	-13	347	3.8	-0.7	-1.1	1	J
6					2.1	26	257	-0.3	-1.3	0.4	2	J
7	444	6.7	47	J	3.3	12	186	-3.0	-0.4	0.6	1	J
8	423	6.3	75	J	3.5	21	326	2.2	-1.5	0.9	2	J
9	420	6.9	56	J	3.4	54	328	1.4	-0.9	2.3	2	J
10	422	7.7	50	J	3.7	39	251	-0.9	-2.5	2.2	1	J
11	426	7.8	46	J	3.6	2	232	-2.2	-2.6	0.2	1	J
12	425	7.6	48	J	2.8	-5	208	-2.4	-1.3	-0.2	1	J
13												
14												
15												
16												
17	391	6.6	32	J								
18	392	7.0	34	J								
19	390	7.0	34	J	3.2	-6	242	-1.4	-2.4	-1.0	1	J
20	385	7.6	39	J	2.9	-33	249	-0.8	-1.5	-2.1	1	J
21	379	7.0	33	J	3.2	-16	292	0.6	-1.2	-0.9	3	J
22	370	7.1	35	J	3.4	6	332	3.0	-1.6	-0.3	1	J
23												
24	367	8.5	32	J	3.7	-10	324	2.9	-1.7	-1.4	1	J

JAN. 17, 1977

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	363	8.3	36	J	3.8	2	334	3.2	-1.5	-0.5	1	J
2	357	7.9	41	J	4.1	16	3	3.7	-0.4	1.0	1	J
3												
4												
5	354	9.7	55	J	4.0	-12	355	3.4	-0.1	-0.8	2	J
6	353	9.0	61	J	4.5	7	16	4.2	1.1	0.7	1	J
7	354	10.8	47	J	4.1	-17	331	3.0	-1.6	-1.2	2	J
8	351	10.6	42	J	4.2	2	317	2.7	-2.5	0.0	2	J
9	344	10.7	52	J	4.4	22	336	3.6	-1.6	1.6	1	J
10	346	11.8	47	J	3.1	-5	323	1.6	-1.2	-0.2	2	J
11	346	11.5	36	J	4.2	-29	301	1.6	-3.0	-1.6	1	J
12	338	11.3	27	J	4.7	2	314	2.8	-2.9	0.2	2	J
13	344	11.7	24	J	4.5	-22	296	1.3	-2.5	-1.2	3	J
14	349	11.9	23	J	4.5	-61	276	0.2	-1.9	-3.8	2	J
15	350	12.4	27	J	5.2	-51	302	1.6	-2.2	-3.8	2	J
16	353	11.0	25	J	5.3	24	314	3.2	-3.5	1.6	2	J
17	356	10.3	22	J	5.9	36	313	3.3	-4.1	2.8	0	J
18	352	11.5	27	J	5.8	38	288	1.4	-4.9	2.4	2	J
19	354	14.0	29	J	5.5	47	289	1.2	-4.4	2.8	2	J
20	334	13.9	23	J	6.2	36	14	4.4	-3.0	3.5	3	J
21	328	13.3	23	J	6.3	28	32	4.6	1.6	3.7	1	J
22	327	12.5	26	J	6.4	9	30	5.4	2.5	2.1	1	J
23	346	12.5	44	J	6.7	12	327	4.9	-3.4	-0.1	3	J
24	361	12.6	25	J	6.5	-9	288	1.9	-5.0	-3.3	2	J

JAN. 18, 1977

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	371	13.4	19	J	5.9	-19	282	1.1	-4.1	-3.7	2	J
2	357	11.6	25	J	6.3	-21	293	2.2	-4.1	-3.9	2	J
3	351	11.2	26	J	6.1	-20	295	2.4	-4.2	-3.6	1	J
4	341	13.2	36	J	5.9	-24	321	4.1	-2.6	-3.2	1	J
5	365	19.8	26	J	6.4	-43	292	1.5	-2.9	-4.6	3	J
6	374	21.7	22	J	8.1	-58	245	-1.5	-2.3	-6.2	4	J
7	363	11.9	23	J	9.7	12	305	5.4	-7.9	1.2	1	J
8	369	15.5	31	J	8.2	11	307	4.1	-5.6	1.0	5	J
9	377	18.0	44	J	7.2	62	147	-2.6	1.6	5.8	3	J
10	378	15.7	56	J	6.9	59	286	0.8	-2.9	5.0	4	J
11	351	7.3	44	J	8.6	63	303	2.0	-3.0	7.3	3	J
12	364	12.0	34	J	7.1	57	306	1.9	-2.5	4.9	4	J
13	375	21.8	30	J	3.7	30	168	-2.7	0.6	1.6	2	J
14	373	20.0	28	J	3.4	27	200	-2.2	-0.8	1.1	2	J
15	368	12.9	20	J	5.8	79	243	-0.5	-1.4	5.3	2	J
16	367	13.4	22	J	5.2	73	227	-1.0	-1.7	4.5	2	J
17	362	9.3	27	J	5.8	84	68	0.2	-0.5	5.6	2	J
18	359	7.6	24	J	6.7	65	48	1.9	0.6	6.3	1	J
19	360	7.1	21	J	6.9	56	63	1.8	1.7	6.5	1	J
20	364	7.6	28	J	6.8	46	38	3.7	1.1	5.5	1	J
21	363	10.8	38	J	6.2	25	49	3.4	2.8	3.7	2	J
22	351	9.3	47	J	6.2	-2	35	4.7	3.1	1.1	2	J
23	332	7.2	44	J	5.6	-5	4	4.9	0.5	-0.3	3	J
24	343	9.0	75	J	5.8	-11	343	4.7	-0.9	-1.5	3	J

JAN. 19, 1977

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	366	11.1	43	J	7.4	-13	331	6.1	-2.5	-2.8	1	J
2	356	9.0	39	J	7.6	-17	330	6.2	-2.5	-3.4	1	J
3	361	15.3	22	J	6.4	58	1	3.3	-1.7	5.0	1	J
4	364	16.3	23	J	6.3	76	45	1.0	-0.7	6.0	2	J
5	363	15.2	23	J	6.7	76	99	-0.2	0.1	6.6	1	J
6	361	15.0	25	J	6.8	75	126	-1.0	0.3	6.4	2	J
7	370	11.7	32	J	7.5	64	147	-2.7	1.0	6.8	1	J
8	364	9.9	49	J	7.8	23	149	-5.9	3.4	2.7	3	J
9	374	12.4	50	J	7.4	20	141	-5.1	4.1	2.5	2	J
10	366	12.7	36	J	7.8	18	136	-5.2	5.0	2.4	2	J
11	355	15.7	33	J	6.6	18	133	-4.0	4.3	1.9	3	J
12	344	12.6	28	J	6.4	62	103	-0.6	2.8	5.4	2	J
13	346	11.8	26	J	7.1	39	105	-1.3	4.8	4.2	3	J
14	361	7.5	36	J	7.5	38	318	4.3	-4.1	4.3	1	J
15	354	8.3	39	J	7.5	41	314	3.9	-4.5	4.5	1	J
16	347	9.7	59	J	6.9	32	312	3.1	-3.8	2.4	4	J
17	347	10.8	47	J	5.8	-21	285	1.3	-4.4	-2.8	2	J
18	345	10.8	47	J	5.8	-55	285	0.7	-1.5	-4.2	4	J
19	340	11.0	39	J	5.5	-51	320	2.1	-0.7	-3.8	3	J
20	328	10.3	35	J	5.6	-19	332	4.3	-1.6	-2.4	2	J
21	329	9.8	31	J	5.5	0	308	3.1	-3.7	-1.5	2	J
22	337	11.0	29	J	6.3	-45	327	3.5	-0.4	-4.7	2	J
23	342	12.1	47	J	6.5	-45	319	3.4	-0.9	-5.3	1	J
24	351	17.8	29	J	5.9	-63	41	1.9	3.5	-3.8	2	J

JAN. 20, 1977

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	353	24.3	22	J	4.6	-17	109	-1.2	3.7	0.4	3	J
2	364	22.3	26	J	5.9	-12	102	-0.8	4.3	3.7	4	J
3	369	18.4	40	J	7.0	-16	92	-0.2	6.6	0.4	3	J
4	377	19.7	39	J	6.9	-43	35	3.8	3.8	-3.4	3	J
5	379	16.2	36	J	7.8	-56	348	4.0	0.6	-6.2	3	J
6	387	15.9	56	J	5.4	-33	66	1.4	3.4	-1.6	4	J
7	385	14.5	71	J	4.5	-6	114	-1.7	3.8	0.0	1	J
8	392	13.9	58	J	5.2	-5	113	-1.9	4.5	-0.1	2	J
9	386	16.7	40	J	4.7	-16	109	-1.4	4.1	-1.1	1	J
10	385	17.9	34	J	5.1	-20	121	-2.4	4.0	-1.7	1	J
11	376	18.4	35	J	5.3	-6	99	-0.8	5.0	-0.5	2	J
12	377	20.7	26	J	5.9	-13	109	-1.8	5.4	-1.3	1	J
13	384	21.0	33	J	5.7	16	129	-3.3	4.1	1.6	2	J
14	384	16.0	32	J	6.6	26	138	-4.1	3.6	2.9	2	J
15	378	14.5	38	J	6.4	29	143	-1.4	1.0	1.1	6	J
16	375	13.9	42	J	5.7	-14	23	4.5	2.1	-0.9	3	J
17					5.3	-4	53	2.8	3.7	0.4	2	J
18	369	24.0	27	J	8.2	41	60	3.0	3.8	6.4	2	J
19	373	20.4	38	J	8.8	61	328	3.1	-3.8	5.7	5	J
20	370	17.0	40	J	6.9	12	304	3.6	-5.4	-0.5	2	J
21	370	24.6	45	J	4.4	9	266	-0.1	-1.4	-0.3	4	J
22	372	22.7	34	J	6.6	42	265	-0.3	-4.9	1.6	4	J
23	373	21.8	34	J	6.8	-31	272	0.2	-3.7	-5.4	2	J
24	355	23.3	52	J								

JAN. 21, 1977

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	371	0.0	0	H								
2	374	0.0	0	H								
3	375	0.0	0	H								
4												
5												
6												
7	416	0.0	0	H								
8	418	0.0	0	H								
9	420	0.0	0	H								
10												
11												
12	403	0.0	0	H								
13	407	0.0	0	H								
14	402	0.0	0	H								
15	403	0.0	0	H								
16	405	0.0	0	H								
17	396	0.0	0	H								
18	399	0.0	0	H								
19	377	0.0	0	H								
20	393	0.0	0	H								
21	392	0.0	0	H								
22	385	0.0	0	H								
23	372	0.0	0	H								
24												

JAN. 22, 1977

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	369	0.0	0	H								
9	369	0.0	0	H								
10	361	0.0	0	H								
11	361	0.0	0	H								
12												
13												
14	353	0.0	0	H								
15	349	0.0	0	H								
16	341	0.0	0	H								
17	343	0.0	0	H								
18	342	0.0	0	H								
19	337	0.0	0	H								
20	335	0.0	0	H								
21	336	0.0	0	H								
22	341	0.0	0	H								
23	345	0.0	0	H								
24	343	0.0	0	H								

01/23/77 - 01/30/77

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 23, 1977							23
1	337	0.0	0	H								
2	336	0.0	0	H								
3	334	0.0	0	H								
4	334	0.0	0	H								
5	331	0.0	0	H								
6												
7												
8	322	0.0	0	H								
9	328	0.0	0	H								
10	331	0.0	0	H								
11	325	0.0	0	H								
12												
13	332	0.0	0	H								
14												
15												
16												
17	372	0.0	0	H								
18	376	0.0	0	H								
19	370	0.0	0	H								
20	370	0.0	0	H								
21	381	0.0	0	H								
22	401	0.0	0	H								
23	390	0.0	0	H								
24	388	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 24, 1977							24
1	383	0.0	0	H								
2	380	0.0	0	H								
3	376	0.0	0	H								
4	369	0.0	0	H								
5	371	0.0	0	H								
6												
7	361	0.0	0	H								
8	367	0.0	0	H								
9	369	0.0	0	H								
10												
11	373	0.0	0	H								
12	374	0.0	0	H								
13	374	0.0	0	H								
14	372	0.0	0	H								
15	369	0.0	0	H								
16	371	0.0	0	H								
17	373	0.0	0	H								
18	365	0.0	0	H								
19	369	0.0	0	H								
20	370	0.0	0	H								
21												
22	373	0.0	0	H								
23	372	0.0	0	H								
24	362	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 25, 1977							25
1	356	0.0	0	H								
2	346	0.0	0	H								
3	343	0.0	0	H								
4	339	0.0	0	H								
5	341	0.0	0	H								
6	350	0.0	0	H								
7	355	0.0	0	H								
8	343	0.0	0	H								
9	340	0.0	0	H								
10												
11	363	0.0	0	H								
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
					JAN. 26, 1977							26
1												
2												
3												
4												
5												
6												
7	399	5.0	47	J	4.5	14	300	1.7	-3.1	0.4	2	J
8	436	5.9	38	J	4.5	10	296	1.8	-3.7	0.3	2	J
9	404	4.8	36	J	4.6	3	303	2.3	-3.6	-0.0	1	J
10	403	4.6	36	J	4.6	0	305	2.5	-3.6	-0.2	1	J
11	399	4.7	40	J	4.5	-2	311	2.8	-3.2	-0.3	1	J
12	402	5.4	37	J	4.9	5	316	3.4	-3.3	0.3	1	J
13												
14												
15	380	8.6	23	J	3.8	-2	329	3.1	-1.8	-0.4	1	J
16	374	7.9	25	J	3.3	8	326	2.5	-1.8	0.1	1	J
17	366	8.1	18	J	2.8	8	313	1.8	-1.9	-0.1	1	J
18					2.8	8	322	2.0	-1.6	-0.1	1	J
19												
20	358	10.4	15	J	2.6	14	300	1.2	-2.2	-0.2	1	J
21	355	10.9	13	J	2.6	15	293	1.0	-2.4	-0.3	0	J
22	354	10.2	13	J	2.5	4	293	0.9	-2.1	-0.8	1	J
23	348	11.0	15	J	2.2	-16	277	0.2	-1.5	-1.4	0	J
24	344	10.8	18	J	2.0	-29	276	0.2	-1.1	-1.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 27, 1977							27
1	342	11.2	19	J	2.0	4	324	1.5	-1.0	-0.3	1	J
2	335	13.3	17	J	2.1	22	332	1.4	-0.9	0.3	1	J
3	336	12.2	16	J	3.0	42	359	2.1	-0.7	1.7	1	J
4					2.9	39	14	2.2	-0.1	1.9	0	J
5					3.1	58	344	1.5	-1.1	2.3	1	J
6	334	15.6	12	J	3.3	39	18	2.4	0.3	2.1	1	J
7	337	17.4	13	J	3.4	42	6	2.6	-0.1	2.2	1	J
8	403	12.7	28	J	3.6	14	26	3.0	1.3	1.0	1	J
9	344	19.0	21	J	3.4	-5	35	2.4	1.7	-0.1	2	J
10	344	24.3	19	J	2.1	-30	43	1.3	1.3	-1.0	1	J
11	346	28.4	19	J	1.9	-4	8	1.4	0.2	-0.1	1	J
12	346	32.8	19	J	2.3	9	339	1.7	-0.7	0.2	1	J
13	341	28.1	14	J	4.7	45	356	2.9	-1.5	3.1	2	J
14					4.8	39	338	3.0	-1.4	2.4	2	J
15	341	15.7	26	J	4.8	3	272	0.2	-4.7	-0.4	1	J
16	345	11.4	22	J	5.7	-14	215	-4.0	-2.5	-1.7	3	J
17	343	11.1	25	J	4.5	-5	218	-3.5	-2.5	-1.0	1	J
18	337	12.7	16	J	3.6	2	211	-3.0	-1.8	-0.4	1	J
19	333	13.4	13	J	3.2	-10	227	-2.1	-2.0	-1.3	1	J
20	335	11.9	23	J	3.1	-10	230	-1.5	-1.5	-1.0	2	J
21	338	8.8	33	J	4.1	-7	286	1.1	-3.2	-2.0	2	J
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 28, 1977							28
1												
2												
3	337	9.5	27	J	3.1	3	312	2.1	-2.2	-0.7	0	J
4	343	9.5	28	J	2.8	-24	297	1.1	-1.6	-1.7	1	J
5	341	10.0	25	J	1.7	-18	280	0.2	-0.9	-0.6	1	J
6												
7	343	11.8	23	J	2.2	4	290	0.7	-1.9	-0.2	1	J
8	339	13.0	27	J	2.6	-34	289	0.6	-1.6	-1.4	1	J
9	339	13.4	29	J	3.1	-77	292	0.2	-0.3	-2.6	2	J
10	341	12.1	19	J	3.4	-7	126	-1.9	2.6	-0.2	1	J
11	345	14.3	19	J	3.7	0	129	-1.8	3.2	0.2	0	J
12	344	16.4	21	J	3.8	-23	137	-2.4	2.3	-1.3	1	J
13	344	17.6	22	J	4.5	-23	131	-2.7	3.2	-1.5	2	J
14	345	19.3	18	J	5.3	-9	119	-2.5	4.6	-0.3	1	J
15	346	21.0	19	J	5.5	0	122	-2.9	4.5	0.7	1	J
16	347	20.6	21	J	5.3	3	120	-2.5	4.2	1.1	2	J
17	366	25.7	25	J	6.3	16	105	-1.5	5.0	2.0	2	J
18	370	31.7	21	J	4.8	-57	119	-1.0	2.6	-2.4	3	J
19	374	29.3	40	J	5.6	50	23	1.4	-0.1	1.9	5	J
20	379	37.2	48	J	6.9	-31	258	-0.8	-2.5	-3.4	5	J
21	390	18.2	35	J	14.1	-60	288	2.1	-1.0	-13.3	4	J
22	390	15.5	36	J	14.2	-32	291	4.3	-6.7	-11.6	1	J
23	407	17.3	86	J	14.4	21	297	4.8	-10.2	-3.7	9	J
24	432	17.1	260	J	17.2	24	291	5.2	-15.1	-0.5	6	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 29, 1977							29
1	432	16.1	178	J	17.9	7	289	5.5	-15.1	-5.2	6	J
2	412	19.9	72	J	16.0	40	332	10.7	-9.4	6.8	2	J
3	420	21.4	78	J	15.0	54	12	8.1	-2.8	11.2	5	J
4	421	20.8	114	J	12.4	51	344	6.7	-4.7	7.4	6	J
5	443	8.8	175	J	13.6	14	302	6.8	-11.4	-0.0	3	J
6	439	8.3	168	J	13.0	19	339	7.7	-10.2	1.9	2	J
7	405	12.0	140	J	10.0	-9	306	4.5	-5.9	-2.3	6	J
8	426	12.4	144	J	6.9	-57	262	-0.5	-2.7	-5.8	3	J
9	414	4.3	82	J	10.2	9	304	5.6	-8.5	0.8	1	J
10	437	4.1	146	J	10.3	8	291	3.6	-9.4	0.8	2	J
11	460	4.2	137	J	9.7	-3	277	1.2	-9.5	-1.1	2	J
12	478	5.0	138	J	8.6	6	274	0.6	-8.1	0.3	3	J
13	474	5.7	95	J	8.0	28	306	3.9	-5.6	3.1	3	J
14	457	5.1	60	J	8.1	19	310	4.7	-5.8	1.9	2	J
15	474	4.5	69	J	7.8	5	282	1.5	-7.1	-0.5	3	J
16	490	5.0	61	J	7.1	-2	255	-1.8	-6.6	-1.6	1	J
17	506	7.1	51	J	6.5	3	248	-2.4	-5.8	-1.1	1	J
18	520	6.5	55	J	6.2	1	244	-2.6	-5.2	-1.5	1	J
19	514	6.4	49	J	6.2	4	262	-0.8	-5.7	-1.7	2	J
20	498	6.0	37	J	6.7	9	291	2.3	-6.0	-1.4	1	J
21	485	7.1	38	J	6.6	9	286	1.8	-6.0	-1.7	1	J
22	476	7.4	41	J	6.7	9	287	1.9	-6.0	-1.9	1	J
23	459	8.1	41	J	6.7	12	288	1.9	-5.7	-1.5	3	J
24	450	9.4	38	J	6.9	28	323	4.8	-4.7	1.2	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 30, 1977							30
1	455	15.5	34	J	6.1	-51	179	-1.4	0.8	-1.5	6	J
2	456	14.1	37	J	7.0	-40	215	-4.0	-0.8	-4.9	3	J
3	439	5.8	34	J	8.7	-39	195	-6.4	0.5	-5.6	2	J
4	446	6.7	25	J	8.6	-39	218	-5.1	-2.0	-6.3	2	J
5	445	4.9	20	J	8.9	-45	183	-6.1	1.5	-6.0	2	J
6	444	4.9	19	J	8.5	-48	182	-5.6	1.3	-6.1	1	J
7	446	4.4	23	J	8.4	-47	171	-5.6	2.0	-5.8	1	J
8	446	5.3	19	J	8.0	-46	154	-5.0	3.2	-5.4	1	J
9	446	9.3	19	J	7.7	-40	147	-4.9	3.7	-4.6	1	J
10	482	5.2	31	J	8.4	-32	310	4.5	-5.1	-4.8	1	J
11	467	7.9	37	J	8.4	-27	307	4.5	-5.7	-4.1	1	J
12	460	10.9	33	J	8.1	-48	320	4.0	-2.9	-6.0	2	J
13	452	12.4	24	J	8.2	-40	324	5.1	-3.2	-5.6	1	J
14	460	14.8	30	J	8.1	-38	350	6.2	-0.5	-5.0	2	J
15	452	15.3	23	J	8.1	-36	346	6.3	-0.8	-4.9	1	J
16	449	12.7	21	J	8.1	-31	341	6.5	-1.3	-4.5	1	J
17	448	11.7	20	J	8.0	-27	334	6.3	-2.1	-4.3	1	J
18	447	10.1	16	J	8.2	-21	335	6.9	-2.2	-3.7	1	J
19	452	11.4	31	J	8.6	-40	350	6.2	0.8	-5.3	3	J
20	455	12.1	25	J	9.5	-57	353	5.1	2.5	-7.5	1	J
21	450	11.4	22	J	9.7	-60	342	4.4	2.1	-7.9	3	J
22	449	11.4	24	J	9.7	-60	328	4.0	1.5	-8.4	2	J
23	425	10.2	26	J	9.5	-39	325	5.9	-0.9	-7.1	2	J
24	408	10.5	21	J	9.4	-29	329	6.9	-1.6	-5.9	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 31, 1977							31
1	402	9.0	16	J	9.3	-21	330	7.4	-2.3	-4.8	1	J
2	405	8.8	22	J	8.6	-30	323	5.8	-2.1	-5.7	2	J
3	401	9.1	20	J	8.6	-13	326	6.5	-3.3	-3.4	3	J
4	399	8.9	21	J	8.6	3	319	6.3	-5.2	-1.5	2	J
5	390	9.0	34	J	8.0	-9	337	7.0	-2.5	-2.0	2	J
6	389	9.2	35	J	7.9	-18	344	6.5	-1.3	-2.6	3	J
7	399	9.1	37	J	7.7	-45	3	5.2	1.2	-5.1	2	J
8	387	9.3	53	J	8.0	-13	327	6.4	-3.9	-2.3	2	J
9	372	9.1	29	J	7.7	-3	357	7.5	-0.3	-0.4	2	J
10	371	9.4	25	J	7.9	-19	353	7.1	-0.7	-2.5	2	J
11	372	9.7	32	J	7.8	-14	358	6.9	-0.1	-1.7	3	J
12	370	8.9	27	J	7.9	-16	2	7.2	0.4	-2.0	3	J
13	378	11.7	29	J	9.8	9	336	8.1	-3.7	1.1	4	J
14	417	12.6	77	J	8.7	45	291	1.5	-4.3	3.6	6	J
15	417	13.0	113	J	7.3	42	281	0.7	-4.1	2.7	5	J
16	401	11.7	104	J	7.3	23	305	3.6	-5.7	1.6	2	J
17	401	12.2	92	J	7.2	31	300	3.0	-6.0	2.2	1	J
18	397	12.6	75	J	7.8	40	306	3.3	-5.8	3.1	2	J
19	390	12.6	59	J	7.9	38	308	3.5	-5.8	2.6	3	J
20	380	11.9	37	J	8.4	61	7	3.6	-2.2	6.2	4	J
21	370	11.7	38	J	8.4	39	343	5.2	-3.3	3.3	4	J
22	378	12.2	46	J	7.9	44	321	4.0	-5.1	2.9	3	J
23	380	11.7	43	J	7.7	66	[illegible]	2.5	-3.7	4.9	4	J
24	370	11.2	38	J	7.8	31	[illegible]	4.0	-6.0	1.6	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 1, 1977							32
1	373	11.8	44	J	8.0	52	339	4.3	-4.1	4.4	3	J
2	387	12.6	47	J	9.7	63	320	3.0	-5.7	5.9	4	J
3	375	12.3	48	J	9.3	1	307	5.3	-6.5	-2.7	3	J
4	376	10.9	43	J	9.7	-5	310	6.1	-6.6	-3.4	2	J
5	381	12.6	52	J	9.2	22	295	3.4	-7.9	0.9	3	J
6	386	12.4	50	J	9.1	29	291	2.8	-8.1	2.4	2	J
7	383	13.8	61	J	9.3	9	310	5.7	-7.0	0.1	2	J
8	390	15.9	50	J	8.7	40	298	2.7	-5.7	4.0	5	J
9	401	18.6	56	J	8.1	61	206	-3.2	-2.3	6.3	3	J
10	415	15.8	60	J	8.4	42	167	-5.9	0.9	5.5	2	J
11	420	13.3	52	J	8.7	19	140	-6.2	5.0	3.2	1	J
12	412	12.4	41	J	8.8	18	125	-4.7	6.5	3.2	1	J
13	388	16.8	49	J	8.4	48	119	-2.2	3.4	5.3	5	J
14	394	16.7	35	J	9.3	21	118	-4.0	7.0	4.2	2	J
15	401	13.9	31	J	9.6	18	123	-4.6	6.5	3.9	4	J
16	383	14.6	36	J	9.3	6	103	-2.1	8.6	2.9	1	J
17	399	16.6	51	J	9.1	15	125	-4.9	6.1	4.0	2	J
18	388	14.7	38	J	9.0	14	104	-2.1	7.2	4.6	1	J
19	381	17.0	45	J	8.0	63	106	-0.9	0.6	7.3	3	J
20	386	15.9	50	J	7.6	52	93	-0.2	1.6	6.4	4	J
21	385	8.2	137	J	4.8	72	47	0.2	-0.2	0.9	5	J
22	381	8.7	147	J	5.6	24	317	2.9	-3.2	0.3	4	J
23	382	7.6	138	J	6.0	-63	225	-1.6	0.7	-4.8	4	J
24	383	7.9	110	J	7.3	-70	230	-1.4	1.3	-5.9	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 2, 1977							33
1	382	9.2	147	J	5.3	-44	303	1.7	-0.9	-3.8	4	J
2	386	9.4	131	J	6.9	-19	320	4.6	-2.6	-3.6	3	J
3	395	9.4	98	J	7.2	-25	315	3.9	-2.5	-3.9	4	J
4	392	10.1	98	J	7.5	-29	324	5.1	-2.2	-4.6	2	J
5	392	11.4	98	J	8.4	-17	320	5.8	-3.9	-3.7	3	J
6	389	12.7	139	J	8.6	-39	335	5.6	-1.3	-5.5	3	J
7	437	0.0	0	H	7.7	8	315	2.5	-2.6	-0.0	7	J
8	434	0.0	0	H								
9												
10												
11	430	0.0	0	H								
12	458	0.0	0	H								
13	464	0.0	0	H								
14	489	0.0	0	H	4.3	-4	63	1.5	3.0	0.2	3	J
15	503	0.0	0	H	3.2	26	22	2.6	0.8	1.5	1	J
16	503	0.0	0	H	3.8	24	15	3.3	0.5	1.7	1	J
17	498	0.0	0	H	2.7	30	10	2.3	0.0	1.4	1	J
18	496	0.0	0	H	2.2	28	9	1.8	-0.0	1.0	1	J
19	495	0.0	0	H								
20	472	0.0	0	H								
21	471	0.0	0	H								
22	479	0.0	0	H								
23	494	0.0	0	H								
24	499	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 3, 1977							34
1	499	0.0	0	H								
2	498	0.0	0	H								
3	494	0.0	0	H								
4	468	0.0	0	H								
5	467	0.0	0	H								
6	460	0.0	0	H								
7	457	0.0	0	H								
8	458	0.0	0	H								
9	457	0.0	0	H								
10	460	0.0	0	H								
11	458	0.0	0	H								
12												
13												
14	450	0.0	0	H								
15	451	0.0	0	H								
16	452	0.0	0	H								
17	451	0.0	0	H								
18	460	0.0	0	H								
19	464	0.0	0	H								
20	456	0.0	0	H								
21	460	0.0	0	H								
22	480	0.0	0	H								
23	465	0.0	0	H								
24	454	0.0	0	H								
	434	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 4, 1977							35
1	450	0.0	0	H								
2	445	0.0	0	H								
3	445	0.0	0	H								
4												
5	409	0.0	0	H								
6	409	0.0	0	H								
7	411	0.0	0	H								
8	411	0.0	0	H								
9	410	0.0	0	H								
10	401	0.0	0	H								
11	393	0.0	0	H								
12	389	0.0	0	H								
13												
14	399	0.0	0	H								
15	399	0.0	0	H								
16	400	0.0	0	H								
17	386	0.0	0	H								
18	398	0.0	0	H								
19	400	0.0	0	H								
20	400	0.0	0	H								
21	386	0.0	0	H								
22	383	0.0	0	H								
23	377	0.0	0	H								
24	370	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 5, 1977							36
1	371	0.0	0	H								
2	372	0.0	0	H								
3	372	0.0	0	H								
4	373	0.0	0	H								
5	373	0.0	0	H								
6	371	0.0	0	H								
7	377	0.0	0	H								
8	378	0.0	0	H								
9	377	0.0	0	H								
10	379	0.0	0	H								
11	390	0.0	0	H								
12	402	0.0	0	H								
13	404	0.0	0	H								
14	407	0.0	0	H								
15	407	0.0	0	H								
16	411	0.0	0	H								
17	412	0.0	0	H								
18	420	0.0	0	H								
19	428	0.0	0	H								
20	438	0.0	0	H								
21	446	0.0	0	H								
22	439	0.0	0	H								
23	434	0.0	0	H								
24	430	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 6, 1977							37
1	426	0.0	0	H								
2	421	0.0	0	H								
3	415	0.0	0	H								
4	429	0.0	0	H								
5	425	0.0	0	H								
6	411	0.0	0	H								
7	413	0.0	0	H								
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
					FEB. 7, 1977							38
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13					11.4	7	330	9.2	-5.4	0.6	4	J
14					12.4	-3	323	9.3	-6.8	-1.7	3	J
15					10.4	16	318	6.9	-6.6	1.4	3	J
16					9.9	2	331	7.9	-4.3	-0.8	4	J
17	603	8.0	244	J	7.6	-9	8	4.3	0.8	-0.5	6	J
18	596	6.8	281	J	7.3	12	348	5.0	-1.4	0.7	5	J
19	599	7.0	354	J	7.3	-31	333	5.0	-1.1	-4.1	3	J
20	586	6.9	302	J	7.2	-3	342	5.2	-1.4	-1.0	4	J
21	577	6.4	189	J	8.3	-2	316	5.2	-4.4	-2.6	4	J
22	573	6.4	228	J	7.8	-3	332	5.6	-2.5	-1.7	4	J
23	572	6.3	196	J	7.9	6	317	5.2	-4.6	-1.8	3	J
24												

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FEB. 8, 1977 — 39

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4	540	5.4	247	J	6.1	14	334	4.9	-2.7	0.3	2	J
5	542	4.3	188	J	5.5	27	321	3.4	-3.3	1.2	2	J
6					5.9	-27	25	2.9	1.8	-1.2	5	J
7	493	5.9	144	J	6.6	5	18	5.9	1.7	1.0	3	J
8	512	7.7	155	J	7.2	-8	46	4.2	4.4	-0.1	4	J
9	493	8.5	135	J	7.8	18	27	5.8	2.6	2.5	4	J
10	502	8.3	150	J	8.9	55	35	3.4	1.6	6.1	5	J
11	497	9.4	148	J	9.5	39	328	5.1	-3.7	4.5	5	J
12	516	9.4	115	J	9.7	36	328	6.3	-4.5	4.9	3	J
13	520	8.3	154	J	9.9	37	5	7.2	-0.1	5.5	4	J
14	562	8.9	268	J	6.7	-14	270	0.0	-3.4	-1.5	6	J
15	621	8.2	217	J	7.3	1	293	2.2	-5.2	-1.0	5	J
16	612	8.1	251	J	5.6	3	313	2.7	-2.6	-0.5	4	J
17	616	8.5	237	J	4.7	-11	305	2.5	-3.1	-1.8	2	J
18												
19	603	5.7	191	J	8.3	-2	309	4.5	-5.0	-2.4	4	J
20	625	6.2	269	J	7.2	48	301	2.3	-5.7	2.9	2	J
21	636	6.2	268	J	6.6	30	326	2.4	-2.2	0.7	6	J
22	636	6.1	234	J	6.1	41	341	2.8	-2.1	1.8	5	J
23	644	6.2	225	J	5.5	6	336	2.8	-1.2	-0.3	4	J
24	642	5.9	198	J	6.0	40	327	3.0	-3.1	1.6	4	J

FEB. 9, 1977 — 40

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	650	6.0	207	J	5.4	-23	340	2.8	-0.3	-1.6	4	J
2					5.3	-18	320	2.6	-1.4	-2.0	4	J
3					4.2	28	304	1.6	-2.8	0.3	3	J
4					4.9	38	29	1.8	0.3	1.9	4	J
5					5.0	23	329	2.3	-1.7	0.6	4	J
6	661	4.2	229	J	5.0	-28	349	3.4	-0.1	-1.9	3	J
7					4.8	23	354	3.0	-0.6	1.2	3	J
8	628	4.1	206	J	4.6	32	14	3.8	0.5	2.6	0	J
9	632	4.0	156	J	5.0	15	347	4.0	-1.1	0.9	3	J
10	617	3.7	131	J	4.9	24	354	3.6	-0.6	1.6	3	J
11	631	3.7	155	J	5.1	-13	307	2.5	-3.1	-1.3	3	J
12	635	3.5	148	J	4.8	-2	320	2.1	-1.7	-0.3	4	J
13	622	3.2	120	J	4.7	25	335	3.2	-1.7	1.4	3	J
14	614	3.6	138	J	4.9	-32	342	3.1	-0.7	-2.2	3	J
15	617	3.5	130	J	5.7	-37	324	3.0	-1.5	-3.2	3	J
16	637	3.6	161	J	5.5	-19	285	1.1	-3.6	-2.4	3	J
17	601	3.5	203	J	4.7	-2	347	3.0	-0.6	-0.3	3	J
18	581	3.7	210	J	4.4	-16	359	4.2	0.4	-1.2	1	J
19	599	3.6	224	J	4.0	-2	333	2.3	-1.0	-0.5	3	J
20	623	3.5	178	J	4.1	55	310	1.0	-2.0	1.4	3	J
21	584	3.6	154	J	4.2	-23	341	2.7	-0.3	-1.5	3	J
22	602	3.8	152	J	4.5	32	325	2.2	-2.2	0.7	3	J
23	589	3.6	153	J	4.5	3	314	2.7	-2.5	-1.2	2	J
24	601	3.6	141	J	4.7	6	307	2.4	-3.0	-1.2	2	J

FEB. 10, 1977 — 41

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	563	3.4	81	J	4.8	-3	343	3.9	-0.9	-0.8	2	J
2	566	3.7	159	J	4.6	12	353	4.1	-1.1	0.4	2	J
3	567	3.4	93	J	4.4	-1	359	4.4	-0.0	-0.1	1	J
4					4.3	-12	343	3.6	-0.7	-1.2	2	J
5					4.2	-36	339	2.8	-0.3	-2.4	2	J
6												
7												
8												
9												
10												
11					5.3	-15	281	0.4	-2.2	-0.9	5	J
12	575	3.9	90	J	5.6	-33	238	-2.0	-2.9	-2.9	3	J
13	562	3.6	119	J	5.9	-28	270	0.0	-4.2	-3.1	3	J
14	551	3.7	118	J	6.7	-4	277	0.8	-6.2	-1.5	2	J
15	513	4.0	95	J	7.8	12	300	3.6	-6.5	0.2	2	J
16	517	4.1	105	J	8.4	51	323	4.0	-4.5	5.2	2	J
17	514	3.7	97	J	6.8	67	338	2.4	-2.7	5.4	2	J
18	519	3.5	104	J	6.1	48	312	2.6	-4.1	3.0	2	J
19	534	3.4	93	J	5.8	35	303	2.5	-4.7	1.4	2	J
20	537	3.3	77	J	5.6	24	310	3.1	-4.3	0.3	2	J
21	511	3.9	72	J	5.4	18	321	3.8	-3.5	-0.1	1	J
22	517	3.8	129	J	5.9	5	294	2.2	-4.6	-2.1	2	J
23	514	3.7	94	J	5.9	-4	290	2.0	-4.5	-3.1	1	J
24	512	3.9	95	J	5.6	-2	294	2.1	-4.0	-2.6	2	J

FEB. 11, 1977 — 42

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	489	3.8	96	J	5.0	-4	322	3.5	-2.1	-1.5	3	J
2	524	3.9	120	J	5.1	22	357	2.4	-0.6	3.8	4	J
3	543	4.1	139	J	5.3	14	290	1.3	-3.6	-0.7	4	J
4	533	4.3	160	J	5.5	-3	298	2.2	-3.6	-1.8	3	J
5	545	3.7	126	J	5.9	13	280	1.0	-5.6	-0.7	2	J
6	540	3.8	126	J	5.8	-20	286	1.4	-4.2	-3.2	2	J
7	531	3.5	95	J	5.2	2	295	1.7	-3.6	-0.7	4	J
8	521	3.7	111	J	5.9	-7	295	2.3	-4.6	-1.6	2	J
9	520	3.7	101	J	6.0	-3	300	2.7	-4.7	-1.0	2	J
10	523	4.3	125	J	6.2	-18	306	2.5	-3.2	-1.8	4	J
11	523	4.1	124	J	6.0	-6	304	2.6	-3.7	-1.0	4	J
12	519	3.9	124	J	5.8	3	294	2.3	-5.1	-0.4	2	J
13	545	4.1	142	J	5.4	-48	271	0.0	-2.3	-3.4	4	J
14	552	3.5	139	J	5.3	-38	278	0.4	-2.7	-3.0	3	J
15	529	3.5	119	J	6.3	-6	293	2.2	-5.0	-1.7	3	J
16	536	3.6	132	J	6.1	0	289	1.8	-5.0	-1.3	3	J
17	525	3.4	114	J	6.0	21	294	2.1	-5.2	0.4	2	J
18	498	3.3	68	J	5.7	27	336	4.2	-2.6	1.5	2	J
19	504	3.0	74	J	5.5	26	310	3.1	-4.3	0.7	1	J
20	513	2.8	86	J	4.9	26	305	2.3	-3.8	0.3	2	J
21	527	0.0	0	H	4.1	-8	337	3.5	-1.0	-1.2	2	J
22	499	3.3	111	J	4.0	18	340	2.9	-1.4	0.3	2	J
23	498	3.6	106	J	3.9	-9	319	2.3	-1.5	-1.4	2	J
24	513	3.6	108	J	4.0	0	269	-0.0	-2.3	-1.4	3	J

FEB. 12, 1977 — 43

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	511	4.0	97	J	4.3	28	278	0.5	-4.1	-0.1	1	J
2	485	3.6	101	J	3.9	15	325	3.0	-2.3	-0.1	1	J
3					4.1	25	315	2.4	-2.9	0.4	1	J
4	463	3.5	79	J	3.4	10	303	1.7	-2.6	-0.5	1	J
5	467	3.4	69	J	2.9	-9	295	1.1	-2.1	-1.2	1	J
6	455	3.4	50	J	3.0	18	296	1.2	-2.5	0.1	1	J
7	461	0.0	0	H	3.4	24	287	0.8	-2.7	0.5	2	J
8	461	5.0	62	J	3.6	13	243	-1.4	-2.8	0.2	2	J
9	454	5.1	58	J	3.5	-10	235	-1.6	-2.2	-0.9	2	J
10	450	4.9	73	J	3.2	-20	255	-0.6	-2.0	-1.1	2	J
11	427	0.0	0	H	4.2	-10	271	0.1	-3.9	-1.2	1	J
12	439	5.5	46	J	4.8	-3	281	0.9	-4.6	-0.9	1	J
13	427	6.3	62	J	4.4	-3	310	1.6	-1.9	-0.4	3	J
14	409	5.7	42	J	4.7	-1	5	4.5	0.4	-0.0	1	J
15	415	6.4	64	J	4.8	21	335	3.6	-2.0	1.1	2	J
16	413	6.9	64	J	4.7	13	326	3.4	-2.5	0.3	2	J
17	406	6.9	65	J	4.6	0	353	4.1	-0.5	-0.2	2	J
18	422	7.7	82	J	3.8	14	327	0.7	-0.5	0.0	4	J
19	420	7.7	77	J	3.9	-25	308	0.8	-0.7	-0.9	4	J
20	403	7.6	71	J	4.5	-6	314	2.8	-2.4	-1.7	2	J
21	405	7.4	58	J	4.4	31	358	3.2	-1.0	1.6	2	J
22	400	7.8	59	J	4.4	40	30	2.8	0.0	3.1	1	J
23	401	8.3	68	J	4.6	45	352	2.9	-1.9	2.3	2	J
24	414	8.1	53	J	4.8	17	242	-2.1	-4.0	-0.9	1	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	410	8.1	57	J	4.0	-13	244	-1.5	-2.3	-2.3	2	J
2	414	8.3	58	J	4.2	-51	224	-1.7	-0.0	-3.3	2	J
3	406	8.3	63	J	3.8	-74	199	-0.7	0.9	-2.4	3	J
4	406	7.9	66	J	4.0	-35	241	-1.4	-1.5	-2.8	2	J
5	401	7.2	70	J	4.3	14	260	-0.5	-3.1	-0.4	3	J
6	396	7.0	75	J	4.5	34	290	1.1	-3.6	1.2	2	J
7	400	7.8	67	J	4.4	-40	266	-0.1	-0.9	-1.2	4	J
8	394	8.7	69	J	4.8	-14	277	0.5	-3.5	-1.7	3	J
9	388	8.2	73	J	4.1	12	301	1.8	-3.1	0.2	2	J
10	392	7.7	66	J	4.3	12	303	1.9	-3.0	0.3	2	J
11	403	7.5	57	J	3.9	-8	251	-1.0	-2.7	-0.8	3	J
12	401	7.8	58	J	3.7	-28	252	-0.7	-2.0	-1.5	3	J
13	406	8.1	41	J	4.6	24	261	-0.6	-3.9	1.1	2	J
14	392	8.5	40	J	4.4	-2	267	-0.2	-4.0	-0.9	1	J
15	378	8.3	42	J	4.5	23	286	1.0	-3.6	0.7	2	J
16	374	8.0	42	J	4.0	3	317	2.8	-2.5	-0.5	1	J
17	374	9.1	46	J	3.7	-21	312	2.2	-2.0	-2.0	1	J
18	394	14.1	48	J	5.2	-54	262	-0.3	-0.8	-3.1	4	J
19	394	17.0	49	J	8.1	-8	299	3.5	-5.3	-3.5	4	J
20	383	16.6	46	J	8.0	28	311	4.2	-5.9	0.9	3	J
21	507	6.3	110	J	8.6	16	288	2.5	-7.8	-1.7	2	J
22	400	11.7	58	J	8.5	16	304	4.4	-6.7	-1.3	3	J
23	390	11.2	46	J	8.7	7	312	5.6	-5.9	-2.4	2	J
24	385	15.7	38	J	6.7	8	309	4.1	-4.7	-1.8	2	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	389	19.2	33	J	5.6	17	312	3.5	-4.1	-0.6	1	J
2	376	19.1	30	J	5.6	13	324	1.7	-1.3	-0.2	5	J
3	358	16.9	38	J	5.8	-6	6	5.1	0.7	-0.2	2	J
4	357	17.3	35	J	5.2	15	338	4.5	-2.2	0.4	2	J
5	365	17.0	21	J	5.4	-13	277	0.6	-4.4	-2.9	1	J
6	363	17.5	30	J	4.3	31	300	1.2	-2.4	0.7	3	J
7	362	16.0	48	J	4.4	43	66	1.1	1.7	3.0	3	J
8	358	13.1	51	J	6.7	13	327	5.1	-3.5	0.7	3	J
9	351	11.6	56	J	8.5	18	343	7.1	-2.5	2.0	3	J
10	355	11.7	62	J	8.2	26	334	6.3	-3.5	2.9	3	J
11	347	11.4	57	J	8.2	26	333	6.2	-3.6	2.9	2	J
12	355	12.4	31	J	7.8	-21	264	-0.6	-5.1	-2.9	5	J
13	361	11.3	22	J	8.7	-36	218	-5.5	-3.5	-5.7	1	J
14	358	9.0	16	J	7.9	-26	255	-1.8	-6.0	-4.6	1	J
15	353	7.6	19	J	7.5	-25	259	-1.3	-5.7	-4.5	1	J
16	345	8.8	32	J	6.5	-3	266	-0.4	-5.6	-1.9	3	J
17	347	10.2	38	J	5.3	-18	273	0.3	-4.2	-3.1	1	J
18	348	8.9	33	J	5.3	-27	267	-0.2	-3.4	-3.8	1	J
19	351	8.4	29	J	5.5	-42	261	-0.6	-2.1	-4.9	1	J
20	338	0.0	0	H								
21	337	0.0	0	H								
22	356	0.0	0	H								
23	340	0.0	0	H								
24	338	0.0	0	H								

FEB. 15, 1977 — 46

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3	348	0.0	0	H								
4	341	0.0	0	H								
5	335	0.0	0	H								
6												
7												
8	333	0.0	0	H								
9	340	0.0	0	H								
10												
11												
12	328	0.0	0	H								
13	310	0.0	0	H								
14	330	0.0	0	H								
15	311	0.0	0	H								
16	328	0.0	0	H								
17	324	0.0	0	H								
18	329	0.0	0	H								
19	332	0.0	0	H								
20	333	0.0	0	H								
21	333	0.0	0	H								
22	335	0.0	0	H								
23												
24	332	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 16, 1977							47
1	330	0.0	0	H								
2	330	0.0	0	H								
3	343	0.0	0	H								
4	343	0.0	0	H								
5	319	0.0	0	H								
6	313	0.0	0	H								
7	311	0.0	0	H								
8	328	0.0	0	H								
9	321	0.0	0	H								
10	324	0.0	0	H								
11												
12												
13	339	0.0	0	H								
14	337	0.0	0	H								
15	348	0.0	0	H								
16	335	0.0	0	H								
17	336	0.0	0	H								
18	337	0.0	0	H								
19	341	0.0	0	H								
20	388	0.0	0	H								
21	333	0.0	0	H								
22	335	0.0	0	H								
23	338	0.0	0	H								
24	334	0.0	0	H								
					FEB. 17, 1977							48
1	336	0.0	0	H								
2	316	0.0	0	H								
3	297	0.0	0	H								
4												
5												
6												
7	307	0.0	0	H								
8	315	0.0	0	H								
9	302	0.0	0	H								
10	298	0.0	0	H								
11												
12												
13	332	0.0	0	H								
14	323	0.0	0	H								
15	326	0.0	0	H								
16	323	0.0	0	H								
17	335	0.0	0	H								
18	331	0.0	0	H								
19	336	0.0	0	H								
20	337	0.0	0	H								
21	327	0.0	0	H								
22	313	0.0	0	H								
23	325	0.0	0	H								
24	362	0.0	0	H								
					FEB. 18, 1977							49
1	364	0.0	0	H								
2	373	0.0	0	H								
3	387	0.0	0	H								
4	395	0.0	0	H								
5	402	0.0	0	H								
6	402	0.0	0	H								
7	432	0.0	0	H								
8	449	0.0	0	H								
9	461	0.0	0	H								
10	457	0.0	0	H								
11	455	0.0	0	H								
12	460	0.0	0	H								
13	450	0.0	0	H								
14	446	0.0	0	H								
15	441	0.0	0	H								
16	415	0.0	0	H								
17	410	0.0	0	H								
18	414	0.0	0	H								
19	407	0.0	0	H								
20	418	0.0	0	H								
21	414	0.0	0	H								
22	397	0.0	0	H								
23	398	0.0	0	H								
24	404	0.0	0	H								
					FEB. 19, 1977							50
1	408	0.0	0	H								
2	407	0.0	0	H								
3	405	0.0	0	H								
4	386	0.0	0	H								
5												
6	389	0.0	0	H								
7												
8	433	0.0	0	H								
9	421	0.0	0	H								
10	419	0.0	0	H								
11	414	0.0	0	H								
12	412	0.0	0	H								
13	408	0.0	0	H								
14	405	0.0	0	H								
15	405	0.0	0	H								
16	404	0.0	0	H								
17	386	0.0	0	H								
18	384	0.0	0	H								
19	373	0.0	0	H								
20	360	0.0	0	H								
21	363	0.0	0	H								
22	385	0.0	0	H								
23	397	0.0	0	H								
24	382	0.0	0	H								
					FEB. 20, 1977							51
1	383	15.6	20	J								
2	387	17.9	28	J	3.7	16	21	3.2	0.6	1.5	1	J
3	399	0.0	0	H								
4	401	21.2	36	J	3.1	-53	93	-0.1	1.6	-0.8	3	J
5	403	19.3	28	J	3.5	26	45	2.0	1.4	2.1	1	J
6	404	17.3	26	J	4.4	12	54	2.5	2.9	1.9	1	J
7	401	16.5	26	J	4.3	-2	46	2.9	2.9	0.7	1	J
8	396	17.9	28	J	4.6	-6	39	3.5	2.8	0.2	1	J
9	399	21.1	28	J	4.8	0	24	4.2	1.8	0.4	1	J
10	400	18.9	31	J	5.8	6	10	5.7	0.9	0.8	1	J
11					5.4	6	354	5.2	-0.6	0.5	1	J
12	389	13.6	38	J	5.1	-7	10	5.0	1.0	-0.5	0	J
13	382	15.0	28	J	4.5	-8	20	4.1	1.6	-0.3	1	J
14	381	14.6	22	J	4.1	-6	27	3.6	1.9	-0.0	0	J
15	377	13.9	23	J	3.6	-3	17	3.4	1.1	0.1	0	J
16	375	16.0	25	J	3.8	0	27	3.3	1.6	0.5	1	J
17												
18												
19												
20	377	16.5	36	J	5.5	19	9	5.0	-0.1	1.9	1	J
21	380	22.0	33	J	4.1	23	22	3.3	0.4	2.0	1	J
22	374	22.0	19	J	2.7	-34	35	1.2	1.3	-0.4	2	J
23					1.5	-5	21	1.1	0.4	0.1	1	J
24					6.4	-5	140	-4.7	3.6	1.7	2	J
					FEB. 21, 1977							52
1					2.7	70	63	0.3	-0.5	2.1	2	J
2					5.4	-8	89	0.1	4.6	1.9	2	J
3					6.9	16	78	1.1	3.8	3.8	4	J
4												
5												
6	369	21.0	40	J	9.8	23	31	7.7	3.1	5.1	2	J
7	365	28.7	59	J	3.5	6	259	-0.3	-1.4	-3.2	4	J
8	380	21.5	67	J	6.4	30	343	2.7	-1.2	1.4	6	J
9	373	12.6	62	J	9.2	32	25	6.8	2.2	5.3	2	J
10	386	13.6	71	J	10.6	36	5	8.4	-0.3	6.1	2	J
11	388	17.1	74	J	10.0	50	358	5.9	-1.4	6.9	4	J
12	381	19.9	69	J	11.5	63	277	0.5	-4.9	6.7	8	J
13	382	16.9	63	J	8.9	-20	243	-3.4	-6.1	-3.9	4	J
14	372	13.6	56	J	7.9	3	289	2.3	-6.6	-1.1	3	J
15	373	13.8	58	J	7.2	-6	254	-1.9	-6.3	-2.4	2	J
16												
17	368	12.4	50	J	5.3	1	303	2.4	-3.5	-1.2	3	J
18	367	9.7	59	J	4.5	-13	252	-1.0	-2.6	-1.9	3	J
19	367	7.8	65	J	3.8	13	360	3.5	-0.4	0.7	1	J
20	367	6.8	68	J	4.2	-6	2	4.1	0.3	-0.3	1	J
21	356	7.6	83	J	3.7	2	1	3.4	-0.0	0.1	1	J
22												
23	356	7.1	47	J	2.6	-33	354	2.1	0.6	-1.3	0	J
24	368	7.9	37	J	2.8	-84	356	0.2	1.1	-1.8	2	J
					FEB. 22, 1977							53
1	362	8.9	46	J	2.4	-39	18	1.3	1.0	-0.7	2	J
2	359	9.5	51	J	2.8	-20	29	2.2	1.5	-0.2	1	J
3												
4					4.2	-54	136	-1.5	2.6	-2.0	2	J
5					4.7	8	71	1.4	3.6	2.1	2	J
6												
7												
8	378	11.3	43	J	4.4	41	336	2.3	-1.5	1.9	3	J
9	376	10.5	51	J	5.2	29	5	4.4	-0.1	2.5	1	J
10	373	10.2	25	J	5.5	28	1	4.8	-0.4	2.5	1	J
11	372	10.0	29	J	6.1	19	1	5.7	-0.2	1.9	1	J
12	370	10.9	38	J	5.4	7	353	5.1	-0.7	0.5	2	J
13	368	10.7	40	J	5.4	-16	343	4.9	-1.2	-1.7	1	J
14	365	11.7	41	J	4.8	-28	327	3.4	-1.7	-2.6	2	J
15	363	13.2	36	J	5.2	-29	262	-0.6	-3.4	-3.3	2	J
16	373	11.4	51	J	6.0	-10	297	1.6	-2.8	-1.5	5	J
17	402	10.6	82	J	4.0	-31	302	1.1	-1.2	-1.8	4	J
18	403	11.3	63	J	5.4	-10	303	2.8	-3.6	-2.5	2	J
19	396	14.3	59	J	5.1	-55	258	-0.4	-0.5	-3.1	4	J
20	398	17.4	62	J	5.8	-10	299	2.5	-3.5	-2.9	3	J
21	402	18.2	63	J	6.6	16	307	3.1	-4.2	-0.8	4	J
22	401	13.4	64	J	7.0	31	333	4.7	-3.7	1.4	3	J
23	421	10.1	130	J	5.6	10	341	5.0	-2.0	-0.2	2	J
24	451	11.2	124	J	6.3	31	48	2.0	0.9	2.6	5	J
					FEB. 23, 1977							54
1	471	8.8	162	J	7.2	31	17	5.5	-0.4	3.8	3	J
2	459	7.9	161	J	5.8	36	340	3.1	-2.2	1.5	4	J
3	464	7.8	103	J	6.3	32	340	4.1	-2.6	1.7	4	J
4					4.6	12	233	-2.4	-3.3	-0.6	2	J
5												
6					4.5	3	1	2.6	-0.0	0.1	4	J
7					4.7	12	306	2.4	-3.4	-0.1	2	J
8					5.7	-16	241	-2.6	-4.2	-2.6	1	J
9					7.1	-4	178	-6.7	0.3	-0.4	2	J
10	476	10.5	146	J	5.9	-4	181	-5.4	-0.0	-0.4	3	J
11	464	11.7	148	J	5.3	31	293	1.2	-3.0	1.3	4	J
12	479	12.3	110	J	7.9	23	295	2.4	-5.4	1.5	5	J
13	487	12.5	100	J	8.0	9	237	-2.7	-4.3	-0.0	6	J
14	484	12.3	89	J	7.1	-35	202	-5.2	-1.2	-4.3	2	J
15	504	6.3	149	J	6.4	20	272	0.2	-5.0	0.5	4	J
16	510	6.4	137	J	6.7	9	247	-2.4	-5.6	-0.8	3	J
17	513	7.2	135	J	6.3	-11	225	-4.2	-3.5	-2.5	2	J
18	509	7.9	129	J	5.5	4	257	-1.0	-4.2	-1.5	3	J
19	523	6.4	124	J	6.4	1	198	-6.1	-1.8	-0.8	1	J
20	509	6.4	127	J	5.3	-1	204	-4.5	-1.7	-1.0	2	J
21	506	8.0	124	J	4.7	13	252	-0.9	-2.7	-0.8	4	J
22	510	8.9	148	J	4.8	-23	207	-3.4	-0.6	-2.3	3	J
23	499	8.6	139	J	5.6	-19	0	2.5	0.5	-0.7	5	J
24	478	8.2	133	J	7.8	10	336	6.6	-3.1	-0.5	3	J

02/24/77 - 03/03/77

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 24, 1977							55
1	476	8.0	161	J	6.5	18	318	4.2	-4.2	-0.5	2	J
2	470	6.9	135	J	6.9	30	350	5.7	-2.6	2.4	2	J
3	455	5.9	74	J	7.0	17	13	6.2	0.3	2.4	2	J
4	479	5.1	158	J	6.5	5	20	5.8	1.7	1.4	2	J
5	488	4.4	75	J	6.9	14	9	6.5	0.3	1.9	1	J
6	461	5.7	117	J	6.6	6	14	6.3	1.2	1.2	1	J
7	479	3.9	92	J	6.4	5	350	6.1	-1.2	0.2	1	J
8	474	0.0	0	H	6.8	-5	324	5.4	-3.7	-1.5	2	J
9	481	8.4	116	J	7.6	3	281	1.3	-6.4	-1.0	4	J
10	461	6.7	97	J	7.4	-18	340	4.6	-1.4	-1.9	5	J
11	451	6.9	93	J	7.3	19	20	6.2	1.8	2.6	2	J
12	485	6.4	104	J	7.0	0	314	3.2	-3.3	-0.6	5	J
13	557	6.6	202	J	5.2	-18	227	-2.2	-2.1	-1.5	4	J
14	524	6.2	206	J	4.7	-19	342	3.5	-0.8	-1.5	3	J
15	522	6.1	169	J								
16	497	5.5	75	J								
17	497	5.5	86	J	5.5	16	349	4.6	-1.3	1.0	2	J
18	527	6.0	98	J	7.1	5	302	2.9	-4.5	-1.4	4	J
19	541	6.1	132	J	6.4	-21	276	0.6	-4.0	-4.4	2	J
20	573	6.6	162	J	7.1	18	0	4.9	-0.8	1.4	5	J
21	570	5.3	164	J	6.2	13	348	5.8	-1.8	0.5	1	J
22	569	0.0	0	H								
23	550	3.1	146	J	5.1	0	360	4.8	-0.0	-0.0	1	J
24	551	3.1	105	J	4.7	4	352	4.2	-0.7	-0.1	1	J
					FEB. 25, 1977							56
1	544	4.7	116	J	4.8	-19	346	4.2	-0.1	-1.8	1	J
2	538	4.5	137	J	4.6	-15	345	4.1	-0.4	-1.5	1	J
3	539	5.1	164	J	4.6	1	333	3.9	-1.8	-0.9	1	J
4	532	5.7	150	J	4.5	-10	340	4.0	-1.0	-1.3	1	J
5	526	5.7	169	J	4.9	-1	348	4.6	-0.9	-0.5	2	J
6	519	6.5	183	J	4.9	20	356	4.4	-0.7	1.5	1	J
7	514	6.0	113	J	4.5	12	343	4.1	-1.5	0.5	1	J
8	509	5.6	63	J	4.7	9	337	4.1	-1.9	0.3	1	J
9	502	5.0	53	J	4.6	8	350	4.3	-0.9	0.4	1	J
10	502	4.6	54	J	4.3	5	350	4.1	-0.8	0.2	1	J
11	519	0.0	0	H								
12	515	0.0	0	H								
13	515	0.0	0	H								
14	499	0.0	0	H								
15	481	0.0	0	H	5.0	-22	330	3.9	-1.7	-2.4	0	J
16	482	7.9	86	J	4.1	3	289	1.1	-3.1	-0.8	2	J
17	487	7.6	68	J	5.1	15	269	-0.1	-4.4	-0.4	3	J
18	483	8.5	88	J	5.3	18	303	2.2	-3.7	-0.2	3	J
19	466	7.0	139	J	6.0	22	342	4.9	-2.4	1.2	2	J
20	494	7.1	167	J	5.4	-18	3	3.1	0.6	-0.8	4	J
21	483	8.8	77	J								
22	484	10.3	87	J								
23	502	8.4	123	J								
24	512	5.5	132	J								
					FEB. 26, 1977							57
1	499	4.2	74	J	7.4	10	328	6.0	-3.8	-1.0	2	J
2	493	3.4	49	J	7.7	16	344	7.0	-2.8	0.8	1	J
3	503	4.2	71	J	6.7	20	332	5.5	-3.6	0.6	1	J
4	496	6.1	143	J	4.4	2	264	-0.3	-2.9	-1.3	3	J
5	503	4.1	96	J	7.0	18	316	4.6	-4.9	0.2	2	J
6	511	4.5	114	J	6.6	10	342	6.1	-2.2	0.4	1	J
7	538	3.6	73	J	7.3	4	22	6.6	2.4	1.2	1	J
8	546	3.3	52	J	6.9	2	20	6.2	2.1	0.8	2	J
9	545	3.3	56	J	6.3	4	14	5.9	1.3	0.7	1	J
10	545	2.8	52	J	5.3	0	6	5.0	0.5	0.1	1	J
11	542	2.8	57	J	5.1	9	353	4.9	-0.7	0.7	1	J
12	549	3.0	51	J								
13	544	2.9	56	J								
14	529	2.4	84	J	4.0	2	350	3.8	-0.7	-0.0	1	J
15	519	3.2	104	J								
16	508	2.9	58	J								
17	498	2.1	58	J	4.1	-7	338	3.7	-1.2	-1.0	1	J
18	479	2.6	79	J	3.9	-19	325	2.8	-1.3	-1.9	1	J
19	464	2.6	98	J	4.1	-21	332	3.2	-0.9	-2.0	1	J
20	453	2.4	63	J	4.0	-10	355	3.7	0.0	-0.7	1	J
21	443	2.4	138	J	3.8	-15	357	3.4	0.3	-0.9	1	J
22	450	2.2	135	J	4.2	-11	347	4.0	-0.3	-1.2	1	J
23	442	2.0	132	J	3.8	-11	346	3.5	-0.3	-1.1	1	J
24	435	1.9	114	J	3.9	-10	346	3.6	-0.4	-1.0	1	J
					FEB. 27, 1977							58
1	414	2.4	107	J	3.4	6	337	3.0	-1.3	-0.4	1	J
2	401	2.8	49	J	3.5	-14	275	0.3	-2.2	-2.2	1	J
3	392	2.7	71	J								
4												
5	393	2.8	155	J	3.5	3	346	3.1	-0.7	-0.1	1	J
6	389	3.8	192	J	3.7	7	338	3.3	-1.4	-0.0	1	J
7	410	2.5	109	J	4.1	-19	350	3.4	-0.2	-1.3	1	J
8	403	3.2	154	J	3.7	-8	339	3.3	-1.1	-0.8	1	J
9	384	3.4	101	J	3.2	-6	349	2.9	-0.5	-0.4	1	J
10												
11												
12												
13												
14	436	0.0	0	H								
15	433	0.0	0	H								
16	368	0.0	0	H								
17	353	0.0	0	H								
18	357	0.0	0	H								
19	361	0.0	0	H								
20	345	0.0	0	H								
21	360	0.0	0	H								
22	363	0.0	0	H								
23	357	0.0	0	H								
24	350	0.0	0	H								
					FEB. 28, 1977							59
1	344	0.0	0	H								
2	348	0.0	0	H								
3	336	0.0	0	H								
4	329	0.0	0	H								
5	331	0.0	0	H								
6												
7												
8	312	0.0	0	H								
9												
10												
11												
12												
13												
14												
15												
16	299	0.0	0	H								
17	302	0.0	0	H								
18	304	0.0	0	H								
19	322	0.0	0	H								
20	333	0.0	0	H								
21	326	0.0	0	H								
22	332	0.0	0	H								
23	341	0.0	0	H								
24	336	0.0	0	H								
					MAR. 1, 1977							60
1	346	0.0	0	H								
2	337	0.0	0	H								
3	346	0.0	0	H								
4	354	0.0	0	H								
5	352	0.0	0	H								
6	350	0.0	0	H								
7	355	0.0	0	H								
8	351	0.0	0	H								
9	351	0.0	0	H								
10	355	0.0	0	H								
11	385	0.0	0	H								
12												
13												
14												
15												
16												
17	412	0.0	0	H								
18	416	0.0	0	H								
19	442	0.0	0	H								
20	445	0.0	0	H								
21												
22												
23	417	0.0	0	H								
24	417	0.0	0	H								
					MAR. 2, 1977							61
1	412	0.0	0	H								
2	415	0.0	0	H								
3	413	0.0	0	H								
4	412	0.0	0	H								
5	412	0.0	0	H								
6	411	0.0	0	H								
7	420	0.0	0	H								
8	401	0.0	0	H								
9	392	0.0	0	H								
10	390	0.0	0	H								
11												
12												
13	371	0.0	0	H								
14	368	0.0	0	H								
15	368	0.0	0	H								
16	365	0.0	0	H								
17	362	0.0	0	H								
18	361	0.0	0	H								
19	346	0.0	0	H								
20	352	0.0	0	H								
21	344	0.0	0	H								
22	351	0.0	0	H								
23	348	0.0	0	H								
24	345	0.0	0	H								
					MAR. 3, 1977							62
1	343	0.0	0	H								
2	338	0.0	0	H								
3	334	0.0	0	H								
4	336	0.0	0	H								
5	332	0.0	0	H								
6	332	0.0	0	H								
7	348	0.0	0	H								
8	353	0.0	0	H								
9	345	0.0	0	H								
10	349	0.0	0	H								
11	350	0.0	0	H								
12	352	0.0	0	H								
13												
14	353	0.0	0	H								
15												
16	335	0.0	0	H								
17	333	0.0	0	H								
18	339	0.0	0	H								
19	341	0.0	0	H								
20	349	0.0	0	H								
21												
22												
23	329	0.0	0	H								
24	327	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 4, 1977							63
1	326	0.0	0	H								
2	312	0.0	0	H								
3	309	0.0	0	H								
4	307	0.0	0	H								
5	315	0.0	0	H								
6	312	0.0	0	H								
7	313	0.0	0	H								
8	314	0.0	0	H								
9	311	0.0	0	H								
10	311	0.0	0	H								
11	310	0.0	0	H								
12	311	0.0	0	H								
13	319	0.0	0	H								
14	321	0.0	0	H								
15	326	0.0	0	H								
16												
17					2.3	20	157	-1.6	0.4	0.8	1	J
18					3.1	-42	146	-1.2	1.2	-0.8	3	J
19	327	18.0	20	J	2.8	-15	128	-1.2	1.7	0.3	2	J
20	325	20.5	21	J	2.3	10	305	0.5	-1.7	-0.2	2	J
21	325	20.9	16	J	2.1	29	269	-0.0	-1.3	-0.1	2	J
22	322	17.7	17	J	3.0	-64	206	-1.1	2.9	-2.4	1	J
23					4.0	-34	148	-2.4	2.3	-0.7	2	J
24					3.6	-4	143	-2.4	1.6	0.8	2	J
					MAR. 5, 1977							64
1												
2					2.9	32	13	1.7	-0.2	1.2	2	J
3					3.6	24	323	2.3	-2.2	0.3	2	J
4												
5					3.4	-32	309	1.8	-1.3	-2.5	1	J
6	347	10.6	40	J	3.7	-16	282	0.7	-2.8	-2.1	1	J
7	342	10.3	33	J	3.7	-10	303	2.0	-2.7	-1.5	1	J
8	338	14.2	14	J	2.5	-27	282	0.4	-1.5	-1.4	1	J
9	337	13.8	20	J	2.1	-34	206	-0.5	-0.2	-0.4	2	J
10	337	18.9	20	J	1.7	-42	38	0.5	0.5	-0.5	1	J
11	336	20.6	15	J	2.4	-21	79	0.4	1.9	-0.3	1	J
12	335	19.9	16	J	3.1	-28	116	-1.0	2.3	-0.8	2	J
13	334	22.9	17	J	3.9	-28	125	-1.7	2.7	-1.0	2	J
14					4.0	-14	92	-0.1	3.1	-3.0	3	J
15												
16												
17	331	18.0	17	J	5.4	0	66	2.0	4.7	1.9	1	J
18	329	18.2	15	J	5.1	-5	66	1.9	4.5	1.6	0	J
19												
20	333	18.0	13	J	4.8	6	83	0.6	3.8	2.7	1	J
21	331	16.9	16	J	4.3	15	83	0.5	2.8	3.0	1	J
22	334	19.0	13	J	4.3	7	46	2.9	2.2	2.1	1	J
23	327	18.6	14	J	3.7	7	51	2.2	2.1	1.9	1	J
24	312	16.6	15	J	4.4	-5	116	-1.6	2.8	1.5	3	J
					MAR. 6, 1977							65
1												
2												
3					4.0	-15	132	-2.5	2.9	0.5	1	J
4												
5												
6	311	18.0	15	J	2.7	-31	182	-1.7	0.3	-1.0	2	J
7	314	17.5	15	J	3.7	-22	161	-2.9	1.3	-0.9	1	J
8	316	19.2	14	J	3.7	5	116	-1.6	3.0	1.1	1	J
9	325	19.5	16	J	5.0	8	110	-1.4	3.5	1.4	3	J
10	331	19.2	19	J	5.2	20	106	-1.3	4.1	2.6	2	J
11	330	17.4	27	J	4.9	0	144	-3.9	2.8	0.6	1	J
12	338	18.9	27	J	3.7	51	28	0.2	0.1	0.3	4	J
13	348	16.8	54	J								
14	357	11.5	54	J								
15	348	11.7	60	J	5.5	-66	242	-0.8	-3.4	-4.1	4	J
16	348	12.4	61	J	4.8	-7	254	-1.0	-3.1	-1.5	3	J
17	341	12.4	55	J	5.9	25	319	3.8	-4.0	1.0	2	J
18	342	14.0	53	J	6.5	2	283	1.3	-5.2	-2.1	3	J
19	360	20.1	43	J	4.4	-22	295	1.9	-2.4	-3.0	2	J
20	361	21.5	41	J	4.5	-35	353	2.2	0.5	-1.5	4	J
21	362	19.1	39	J	3.9	-11	45	1.7	1.7	0.5	3	J
22	362	18.7	32	J	3.8	-11	79	0.5	2.4	1.0	3	J
23	357	15.2	29	J	4.5	-23	181	-4.0	0.9	-1.4	1	J
24	361	15.8	30	J	2.8	-25	174	-1.4	0.5	-0.4	3	J
					MAR. 7, 1977							66
1												
2												
3												
4												
5					3.9	-42	224	-2.0	-0.8	-3.1	1	J
6												
7												
8												
9												
10												
11												
12												
13	332	12.9	23	J	4.1	0	291	1.5	-3.7	-0.8	1	J
14	331	12.6	24	J	3.9	-26	285	0.8	-2.5	-2.2	2	J
15	334	14.4	20	J	4.1	-20	253	-1.1	-3.0	-2.3	1	J
16	337	14.8	21	J	4.3	-36	233	-2.0	-1.8	-3.2	1	J
17	331	16.3	20	J	3.9	-41	124	-1.3	2.5	-1.1	3	J
18	330	17.7	19	J	4.1	6	88	0.1	3.3	2.0	1	J
19	329	18.9	18	J	3.8	-11	97	-0.4	3.4	1.0	1	J
20	328	17.6	17	J	4.5	-1	134	-3.0	2.7	1.5	1	J
21	323	17.7	18	J	4.6	2	108	-1.3	3.4	2.3	2	J
22	321	19.4	16	J	3.4	14	102	-0.7	2.2	2.4	1	J
23	320	19.2	13	J	2.9	-9	280	0.5	-1.9	-1.8	1	J
24	312	18.7	15	J	3.4	1	80	0.6	2.7	1.9	1	J
					MAR. 8, 1977							67
1	307	18.6	13	J	3.5	10	64	1.1	1.7	1.6	2	J
2	305	18.7	14	J	3.7	13	337	3.0	-1.5	-0.0	1	J
3	316	19.1	23	J	4.0	2	307	2.2	-2.6	-1.3	2	J
4	311	23.7	18	J	2.9	0	2	1.8	0.1	0.0	2	J
5	308	22.9	17	J	4.3	22	27	3.4	1.0	2.1	1	J
6					5.7	21	332	4.5	-2.8	1.0	2	J
7	322	18.7	24	J	5.0	10	316	3.2	-3.2	-0.2	3	J
8	311	23.6	24	J	4.1	17	312	2.6	-3.1	0.4	1	J
9	316	24.7	23	J	3.4	34	331	2.1	-1.5	1.3	2	J
10	318	25.4	24	J	2.4	48	304	0.8	-1.5	1.3	1	J
11	312	31.4	25	J	3.3	3	350	3.0	-0.5	0.1	2	J
12	308	31.7	21	J	5.4	-8	349	5.0	-0.8	-0.9	2	J
13	308	30.9	20	J	5.7	-9	334	4.5	-2.0	-1.3	3	J
14	322	50.1	31	J	8.0	10	337	6.4	-3.0	0.5	4	J
15	333	38.1	34	J	9.3	46	75	1.5	3.7	7.3	4	J
16	340	24.1	49	J	13.1	-6	319	9.8	-7.6	-4.1	2	J
17	355	19.4	59	J	15.5	-1	319	11.6	-9.3	-4.0	2	J
18	395	22.5	71	J	14.9	25	94	-0.6	6.5	7.7	11	J
19	408	22.0	112	J	11.8	-2	125	-4.5	5.8	2.8	9	J
20	436	11.2	212	J	15.0	45	336	8.7	-8.1	6.2	7	J
21	480	11.0	254	J	11.1	-56	204	-4.6	2.3	-7.4	7	J
22	477	11.2	308	J	10.6	-10	263	-1.0	-5.9	-5.6	7	J
23	487	8.8	356	J	10.7	8	310	4.9	-5.4	-2.4	8	J
24	501	7.6	247	J	11.9	25	317	7.8	-8.8	0.0	2	J
					MAR. 9, 1977							68
1	535	7.0	284	J	7.9	-1	321	5.7	-3.8	-2.6	3	J
2	537	8.2	412	J	7.1	4	339	5.8	-2.1	-0.8	3	J
3	552	7.4	241	J	7.8	21	333	5.6	-3.7	0.7	3	J
4	546	6.7	206	J	6.6	-9	360	5.7	0.4	-0.8	3	J
5	564	6.6	206	J	7.0	-6	329	5.1	-2.6	-1.8	4	J
6	579	7.0	320	J	6.7	-14	329	5.3	-2.4	-2.6	2	J
7	589	5.5	226	J	6.7	1	336	5.1	-2.2	-0.6	4	J
8	603	5.5	252	J	6.0	15	333	4.0	-2.3	0.6	4	J
9	581	5.7	287	J	6.1	-12	324	4.1	-2.7	-1.7	3	J
10	557	4.4	94	J	7.4	21	342	5.9	-2.4	1.9	3	J
11	591	5.3	233	J	6.8	22	344	5.4	-2.0	1.9	3	J
12	635	5.4	265	J	7.0	-30	267	-0.3	-4.4	-3.9	4	J
13	626	5.5	270	J	7.1	-21	278	0.8	-5.3	-3.5	3	J
14	588	5.6	259	J	7.4	8	310	4.1	-5.0	-0.3	3	J
15	578	6.4	204	J	8.2	23	332	6.3	-4.1	2.0	2	J
16	556	5.8	140	J	9.0	9	328	7.2	-4.7	-0.2	3	J
17	587	6.8	228	J	9.4	-29	288	2.2	-4.8	-6.2	5	J
18	540	5.4	127	J	12.0	20	327	9.2	-7.1	1.1	3	J
19	539	5.9	146	J	11.2	39	353	8.4	-4.1	5.6	3	J
20	554	6.9	199	J	9.6	8	313	5.8	-6.0	-2.1	4	J
21	561	7.3	225	J	7.5	-14	322	5.0	-2.4	-3.4	4	J
22	564	6.9	179	J	6.6	-5	320	4.3	-2.7	-2.4	3	J
23	604	6.2	220	J	6.3	-8	276	0.6	-4.0	-3.7	3	J
24	612	4.1	127	J	5.0	3	288	1.4	-3.7	-2.2	2	J
					MAR. 10, 1977							69
1	609	4.3	160	J	4.5	-31	310	1.5	-0.7	-2.2	4	J
2	625	3.7	173	J	5.0	-4	289	1.3	-3.0	-2.2	3	J
3	606	3.4	174	J	5.3	29	318	2.6	-3.0	0.5	3	J
4	593	3.9	236	J	4.7	20	339	3.3	-1.7	0.6	3	J
5	598	3.8	227	J	4.4	30	320	2.5	-2.6	0.8	2	J
6	599	3.6	195	J	4.5	-8	306	1.7	-2.1	-1.3	3	J
7	583	3.6	214	J	4.6	1	341	3.6	-1.2	-0.3	2	J
8	599	3.7	198	J	5.0	-2	313	2.7	-2.7	-0.9	3	J
9	639	3.8	214	J	4.6	-26	348	2.4	-0.2	-1.3	4	J
10	604	3.7	212	J	4.9	15	0	3.5	-0.2	0.9	3	J
11	598	3.7	195	J	5.2	11	315	3.3	-3.4	0.2	2	J
12	617	3.8	160	J	5.0	55	280	0.5	-3.4	3.2	2	J
13	599	0.0	0	H	5.1	33	297	1.6	-3.6	1.5	3	J
14	605	4.1	196	J	5.1	32	285	1.0	-4.2	1.4	2	J
15	591	4.5	182	J	6.0	3	280	1.0	-5.5	-1.3	2	J
16	574	4.1	202	J	6.3	16	299	2.7	-5.0	-0.1	3	J
17	561	3.6	101	J	6.8	16	345	5.4	-1.9	0.9	4	J
18	578	4.2	198	J	6.7	2	316	4.2	-3.8	-1.6	3	J
19	588	4.2	205	J	7.0	46	307	2.7	-5.3	2.4	3	J
20	573	4.4	212	J	6.4	46	3	3.5	-1.7	3.2	4	J
21	559	4.4	134	J	5.8	0	355	5.3	-0.4	-0.2	2	J
22	600	3.9	153	J	5.4	13	331	2.4	-1.4	-0.2	5	J
23	633	3.8	164	J	5.1	61	287	0.6	-3.5	1.8	3	J
24	606	3.8	169	J	5.0	28	290	1.3	-4.1	-0.4	2	J
					MAR. 11, 1977							70
1	624	3.6	145	J	5.1	33	282	0.8	-4.5	-0.0	2	J
2	585	3.8	175	J	4.7	15	333	3.7	-2.2	-0.1	2	J
3	596	3.6	142	J	4.4	27	339	2.7	-1.6	0.8	3	J
4	615	3.8	177	J	3.2	5	37	1.4	0.8	0.6	3	J
5	617	3.5	171	J	4.0	29	341	1.9	-1.1	0.7	3	J
6	612	3.7	175	J	4.2	25	6	2.3	-0.2	1.1	3	J
7	615	4.2	158	J	4.8	39	354	3.2	-1.1	2.3	2	J
8	609	4.3	169	J	5.1	10	55	2.4	3.1	1.6	3	J
9	610	3.7	172	J	4.2	-7	49	2.1	2.4	0.2	3	J
10	610	3.8	167	J	4.5	-12	59	1.9	3.3	-0.1	2	J
11	603	4.0	183	J	4.1	-12	59	1.7	2.9	-0.1	2	J
12	607	4.1	165	J	4.7	1	75	1.1	3.9	0.9	2	J
13	597	4.2	170	J	5.1	7	66	1.9	3.9	1.5	2	J
14	574	4.2	161	J	4.9	-14	344	3.8	-0.8	-1.2	3	J
15	635	4.4	150	J	5.1	10	219	-2.8	-2.3	-0.0	4	J
16	614	4.4	140	J	4.4	-7	282	0.7	-2.8	-1.4	3	J
17	612	3.8	122	J	5.1	1	274	0.3	-4.5	-1.7	1	J
18	606	4.5	155	J	5.1	3	294	0.6	-1.4	-0.5	5	J
19	560	4.3	124	J	5.7	1	355	4.9	-0.4	-0.1	3	J
20	580	5.2	194	J	5.8	11	308	2.7	-3.4	-1.0	4	J
21	587	4.9	150	J	5.6	-14	281	0.9	-3.1	-3.3	3	J
22	594	4.9	169	J	5.8	23	258	-0.7	-3.4	-0.6	4	J
23	590	5.4	198	J	5.4	-5	270	0.0	-3.5	-2.9	3	J
24	578	5.3	192	J	5.4	-2	287	1.3	-3.5	-2.6	3	J

03/12/77 - 03/20/77

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 12, 1977							71
1	562	0.0	0	H								
2	566	0.0	0	H								
3	572	0.0	0	H								
4	578	0.0	0	H								
5	598	0.0	0	H								
6	555	0.0	0	H								
7												
8	566	0.0	0	H								
9												
10												
11												
12	566	0.0	0	H								
13	567	0.0	0	H								
14	532	0.0	0	H								
15	521	0.0	0	H								
16	516	0.0	0	H								
17	529	0.0	0	H								
18	523	0.0	0	H								
19	514	0.0	0	H								
20	507	0.0	0	H								
21	511	0.0	0	H								
22	516	0.0	0	H								
23	507	0.0	0	H								
24	529	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 13, 1977							72
1	519	0.0	0	H								
2	502	0.0	0	H								
3	506	0.0	0	H								
4	504	0.0	0	H								
5	498	0.0	0	H								
6	474	0.0	0	H								
7	477	0.0	0	H								
8	464	0.0	0	H								
9	469	0.0	0	H								
10	455	0.0	0	H								
11												
12												
13												
14												
15												
16	429	0.0	0	H								
17	452	0.0	0	H								
18	419	0.0	0	H								
19	445	0.0	0	H								
20	395	0.0	0	H								
21	400	0.0	0	H								
22	409	0.0	0	H								
23	396	0.0	0	H								
24	408	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 14, 1977							73
1	406	0.0	0	H								
2	404	0.0	0	H								
3	406	0.0	0	H								
4	416	0.0	0	H								
5	413	0.0	0	H								
6	406	0.0	0	H								
7	407	0.0	0	H								
8	410	0.0	0	H								
9	401	0.0	0	H								
10	390	0.0	0	H								
11												
12												
13	378	0.0	0	H								
14	384	0.0	0	H								
15	373	0.0	0	H								
16	372	0.0	0	H								
17	370	0.0	0	H								
18	380	0.0	0	H								
19	399	0.0	0	H								
20	370	0.0	0	H								
21	368	0.0	0	H								
22	369	0.0	0	H								
23	371	0.0	0	H								
24	376	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 15, 1977							74
1	374	0.0	0	H								
2	377	0.0	0	H								
3	420	0.0	0	H								
4	423	0.0	0	H								
5	415	0.0	0	H								
6	375	0.0	0	H								
7	373	0.0	0	H								
8	375	0.0	0	H								
9	398	0.0	0	H								
10	414	0.0	0	H								
11												
12	412	0.0	0	H								
13	408	0.0	0	H								
14	405	0.0	0	H								
15	414	0.0	0	H								
16	418	0.0	0	H								
17	413	0.0	0	H								
18	391	0.0	0	H								
19	367	0.0	0	H								
20												
21	373	0.0	0	H								
22	375	0.0	0	H								
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 16, 1977							75
1	367	0.0	0	H								
2	367	0.0	0	H								
3	380	0.0	0	H								
4	379	0.0	0	H								
5	389	0.0	0	H								
6	372	0.0	0	H								
7	371	0.0	0	H								
8	373	0.0	0	H								
9	355	0.0	0	H								
10	359	0.0	0	H								
11	369	0.0	0	H								
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
					MAR. 18, 1977							77
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	SG	IMF SC
					MAR. 19, 1977							78
1					8.0	5	149	-6.2	2.8	2.6	3	J
2												
3												
4												
5												
6												
7	367	15.8	26	J	6.6	-5	100	-1.1	5.8	1.4	2	J
8	371	15.0	21	J	7.4	16	95	-0.6	6.1	3.8	2	J
9	368	14.5	21	J	8.2	11	107	-2.3	7.0	3.3	1	J
10	366	13.9	18	J	9.0	19	106	-2.3	7.2	4.5	1	J
11	361	13.7	23	J	8.8	25	114	-3.2	6.4	5.2	1	J
12	358	13.8	25	J	8.8	16	114	-3.3	6.8	3.9	2	J
13	360	14.1	24	J	8.9	20	101	-1.6	7.1	4.7	2	J
14	363	15.2	23	J	8.7	13	91	-0.1	7.6	4.0	2	J
15	366	15.9	25	J	8.7	33	98	-1.0	5.3	6.4	2	J
16	364	19.8	27	J	8.3	54	106	-1.3	2.1	7.8	1	J
17	364	21.7	33	J	7.2	55	102	-0.9	1.5	7.0	1	J
18	361	16.4	36	J	8.8	49	117	-2.6	1.7	8.0	2	J
19	361	14.7	46	J	8.5	1	111	-2.0	4.5	2.6	6	J
20	368	13.8	36	J	8.4	-33	86	0.5	8.0	-0.3	2	J
21	370	13.2	34	J	8.5	-41	87	0.3	7.2	-1.0	4	J
22	369	12.8	32	J	8.6	-28	87	0.4	8.4	0.9	1	J
23	371	14.2	25	J	8.9	-5	84	0.9	7.6	4.4	1	J
24	367	21.2	26	J	7.7	-56	157	-3.4	4.4	-3.7	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 20, 1977							79
1	370	25.6	29	J	6.7	-66	155	-2.0	3.4	-3.5	4	J
2	372	29.6	24	J	8.2	-61	93	-0.2	6.2	-3.4	4	J
3	367	25.8	23	J	9.0	2	93	-0.5	7.5	4.7	2	J
4	368	27.8	24	J	8.3	14	90	-1.0	6.1	5.3	2	J
5	370	25.6	35	J	8.6	24	92	-0.3	5.6	6.3	2	J
6	365	21.2	39	J	9.5	39	87	0.4	4.7	8.2	1	J
7	369	22.2	40	J	8.9	45	86	0.4	4.0	8.0	1	J
8												
9	365	24.8	55	J	5.4	20	260	-0.5	-2.8	0.3	5	J
10	357	19.1	58	J	6.4	17	271	0.1	-5.9	0.5	3	J
11	357	11.5	50	J	8.3	33	284	1.6	-7.3	2.9	2	J
12	364	10.4	62	J	8.1	33	278	0.9	-7.0	2.7	3	J
13	364	10.8	89	J	6.8	40	288	1.5	-5.3	2.9	3	J
14	361	11.4	134	J	5.8	44	291	1.3	-4.0	2.5	3	J
15	369	11.1	117	J	6.4	16	269	-0.1	-6.1	-0.1	2	J
16	365	10.3	97	J	7.1	49	290	1.4	-5.1	3.1	4	J
17	379	10.7	100	J	7.1	12	262	-0.9	-6.2	-1.2	3	J
18	373	10.7	118	J	6.5	13	273	0.3	-5.6	-1.2	3	J
19	368	12.2	112	J	6.5	-8	293	1.9	-3.7	-2.8	4	J
20	369	11.5	94	J								
21	384	14.2	86	J								
22	384	12.9	51	J	8.0	0	257	-1.7	-6.2	-4.2	2	J
23	371	19.2	72	J	5.2	4	18	5.2	0.7	0.8	4	J
24	374	19.1	44	J	7.5	4	46	5.0	4.0	3.4	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 21, 1977							80
1	377	18.6	33	J	8.8	19	63	3.7	4.5	6.4	2	J
2	374	15.7	22	J	9.9	15	61	4.6	5.7	6.6	1	J
3	369	17.6	41	J	8.9	36	24	6.1	-0.1	5.6	3	J
4	365	16.5	74	J	7.4	53	323	3.0	-4.3	3.4	4	J
5	380	16.3	54	J	7.3	43	322	3.7	-4.5	2.8	3	J
6	377	14.5	54	J	7.9	45	338	5.1	-3.9	4.4	1	J
7	362	11.3	58	J	8.4	34	312	4.5	-6.2	2.8	2	J
8	370	10.5	56	J	8.4	21	293	2.8	-7.1	0.8	3	J
9	371	10.2	65	J	8.3	26	299	3.3	-6.6	1.8	3	J
10	374	10.0	53	J	8.2	28	295	2.9	-6.9	2.2	3	J
11	371	10.4	40	J	8.3	28	302	3.7	-6.6	2.4	2	J
12	376	11.2	39	J	8.2	12	294	3.1	-7.2	0.1	3	J
13	377	10.7	31	J	8.5	31	300	3.5	-6.9	2.7	2	J
14	370	9.3	30	J	8.3	35	315	4.7	-5.8	3.3	1	J
15	372	8.3	29	J	8.6	36	318	5.1	-5.9	3.4	1	J
16	381	8.5	40	J	8.3	37	307	3.1	-5.2	2.3	5	J
17	396	10.5	53	J	7.1	-60	201	-3.2	1.2	-6.0	2	J
18	393	11.6	63	J	5.9	-23	258	-0.8	-2.6	-3.0	4	J
19	389	10.9	61	J	6.6	-68	218	-1.7	1.4	-5.5	3	J
20	390	10.3	72	J	6.2	-27	254	-0.8	-1.7	-2.8	5	J
21	384	10.5	77	J	7.0	5	306	2.8	-3.5	-1.8	5	J
22	383	9.0	71	J	5.8	33	22	4.0	-0.2	3.2	3	J
23	402	7.9	67	J	5.1	6	323	2.6	-1.8	-0.8	4	J
24	407	6.8	70	J	4.1	-5	306	2.3	-2.4	-2.1	1	J
					MAR. 22, 1977							81
1												
2	410	5.7	73	J	2.9	-6	346	2.0	-0.3	-0.4	2	J
3	406	5.6	72	J	2.7	-41	332	1.1	0.0	-1.2	2	J
4	405	5.9	55	J	3.2	-8	264	-0.3	-2.4	-1.7	1	J
5	410	5.8	60	J	3.4	-57	216	-1.1	0.1	-2.3	2	J
6	405	5.6	43	J	3.8	-36	268	-0.1	-1.9	-2.9	1	J
7	401	6.0	49	J	4.2	-29	292	1.3	-2.4	-2.8	2	J
8	399	7.0	66	J	3.7	12	301	0.9	-1.6	-0.1	3	J
9	370	7.6	32	J	4.8	7	317	3.4	-3.2	-0.2	1	J
10	377	8.4	45	J	5.2	24	295	1.8	-4.2	1.0	2	J
11	383	7.8	44	J	4.8	-4	266	-0.3	-4.3	-1.2	2	J
12	372	8.5	53	J	4.4	35	353	3.5	-0.9	2.3	1	J
13	372	9.2	51	J	3.8	26	340	3.1	-1.5	1.3	1	J
14	364	8.4	65	J	3.9	10	328	3.1	-2.0	0.1	1	J
15	368	9.7	47	J	3.1	-13	330	2.4	-1.1	-1.0	1	J
16	370	12.4	51	J	3.0	14	337	2.3	-1.1	0.3	1	J
17	366	13.2	45	J	2.8	34	303	1.2	-2.3	0.7	1	J
18	363	9.4	54	J	4.7	30	330	3.2	-2.6	1.1	2	J
19	363	10.3	40	J	4.1	48	2	2.5	-1.3	2.4	2	J
20	362	10.2	35	J	3.9	51	350	2.4	-1.9	2.9	1	J
21	351	8.2	69	J	4.7	21	9	4.3	-0.3	1.6	1	J
22	354	7.8	52	J	5.0	23	3	4.5	-0.9	1.7	1	J
23	347	7.8	56	J	4.8	3	13	4.5	0.7	0.8	1	J
24	344	8.8	44	J	5.4	-11	28	4.4	2.5	0.5	2	J
					MAR. 23, 1977							82
1	339	7.1	42	J	4.0	-18	1	3.5	0.7	-0.9	1	J
2	341	9.9	36	J	4.0	-34	7	3.1	1.2	-1.7	1	J
3	333	11.1	23	J	2.9	-42	37	1.6	1.9	-1.0	1	J
4	326	10.4	21	J	3.5	-41	46	1.8	2.7	-1.4	1	J
5	318	11.5	20	J	3.7	-30	27	2.4	1.7	-0.9	2	J
6	321	14.7	18	J	2.4	-59	56	1.5	1.8	-1.7	2	J
7	328	15.3	14	J	4.0	-63	92	-1.1	3.7	-2.7	1	J
8	327	15.0	14	1	4.8	-69	78	0.4	2.9	-3.8	1	J
9	324	10.9	16	J	5.9	-31	52	3.0	4.4	-1.9	2	J
10	325	13.2	17	J	5.5	-34	62	2.0	4.3	-2.0	2	J
11	324	14.0	14	J	5.1	-45	79	0.7	4.1	-2.7	1	J
12	324	17.6	12	J	5.1	-35	71	1.4	4.5	-2.0	1	J
13	330	18.7	15	J	5.3	-14	92	-0.2	4.7	-0.1	3	J
14	336	20.2	15	J	5.8	10	94	-0.4	5.1	2.3	2	J
15	343	22.4	26	J	4.6	37	93	-0.1	1.9	2.7	3	J
16	340	28.5	37	J	3.8	-83	158	-0.3	1.0	-2.5	3	J
17	337	30.8	15	J	4.1	-48	226	-1.8	-0.7	-3.5	1	J
18	339	23.8	25	J	6.0	-44	274	0.3	-2.0	-5.5	2	J
19	336	17.9	21	J	7.9	-32	287	1.9	-3.6	-6.7	1	J
20	331	22.9	23	J	7.1	-18	303	3.4	-3.4	-4.4	3	J
21	327	24.2	23	J	6.9	27	314	4.0	-5.0	0.2	3	J
22	324	18.8	25	J	6.4	-16	287	0.9	-2.0	-2.5	6	J
23	331	15.6	23	J	7.0	-59	303	1.9	0.9	-6.4	2	J
24	338	16.5	25	J	7.4	-57	288	1.2	0.4	-7.2	1	J
					MAR. 24, 1977							83
1	338	18.6	29	J	7.4	-40	281	1.1	-1.9	-6.9	2	J
2	330	18.1	35	J	7.1	5	318	4.7	-3.9	-1.8	3	J
3	338	17.6	30	J	7.0	63	338	2.7	-3.6	4.5	2	J
4	343	15.6	52	J								
5	347	14.9	87	J								
6	359	13.9	78	J								
7	375	14.3	98	J								
8												
9												
10												
11												
12	403	0.0	0	H								
13	418	0.0	0	H								
14	415	0.0	0	H								
15	409	0.0	0	H								
16	391	0.0	0	H								
17	376	0.0	0	H								
18	390	0.0	0	H								
19	407	0.0	0	H								
20	416	0.0	0	H								
21	411	0.0	0	H								
22	384	0.0	0	H								
23	382	0.0	0	H								
24	375	0.0	0	H								
					MAR. 25, 1977							84
1	393	0.0	0	H								
2	382	0.0	0	H								
3	397	0.0	0	H								
4	373	0.0	0	H								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	354	0.0	0	H								
16	355	0.0	0	H								
17	364	0.0	0	H								
18	377	0.0	0	H								
19	376	0.0	0	H								
20	361	0.0	0	H								
21	378	0.0	0	H								
22	372	0.0	0	H								
23	375	0.0	0	H								
24	380	0.0	0	H								
					MAR. 26, 1977							85
1	389	0.0	0	H								
2	405	0.0	0	H								
3	406	0.0	0	H								
4	408	0.0	0	H								
5	391	0.0	0	H								
6	392	0.0	0	H								
7	386	0.0	0	H								
8	387	0.0	0	H								
9	373	0.0	0	H								
10	370	0.0	0	H								
11												
12												
13												
14												
15	399	0.0	0	H								
16	399	0.0	0	H								
17	376	0.0	0	H								
18	366	0.0	0	H								
19	351	0.0	0	H								
20	362	0.0	0	H								
21	361	0.0	0	H								
22	358	0.0	0	H								
23	336	0.0	0	H								
24	342	0.0	0	H								
					MAR. 27, 1977							86
1	350	0.0	0	H								
2	366	0.0	0	H								
3	367	0.0	0	H								
4	366	0.0	0	H								
5	362	0.0	0	H								
6	358	0.0	0	H								
7	406	0.0	0	H								
8	391	0.0	0	H								
9	389	0.0	0	H								
10	388	0.0	0	H								
11	405	0.0	0	H								
12												
13	386	0.0	0	H								
14	411	0.0	0	H								
15	412	0.0	0	H								
16	439	0.0	0	H								
17	384	0.0	0	H								
18	408	0.0	0	H								
19	415	0.0	0	H								
20	407	0.0	0	H								
21	397	0.0	0	H								
22	371	0.0	0	H								
23	374	0.0	0	H								
24	373	0.0	0	H								
					MAR. 28, 1977							87
1	385	0.0	0	H								
2	386	0.0	0	H								
3	375	0.0	0	H								
4	386	0.0	0	H								
5	377	0.0	0	H								
6	407	0.0	0	H								
7	408	0.0	0	H								
8	388	0.0	0	H								
9	393	0.0	0	H								
10	352	0.0	0	H								
11	377	0.0	0	H								
12	377	0.0	0	H								
13	389	0.0	0	H								
14												
15												
16	396	0.0	0	H								
17	385	0.0	0	H								
18	373	0.0	0	H								
19	367	0.0	0	H								
20	369	0.0	0	H								
21	383	0.0	0	H								
22	393	0.0	0	H								
23	399	0.0	0	H								
24	397	0.0	0	H								

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 29, 1977							88
1	404	0.0	0	H								
2	396	0.0	0	H								
3	385	0.0	0	H								
4	375	0.0	0	H								
5	377	0.0	0	H								
6	375	0.0	0	H								
7	378	0.0	0	H								
8	373	0.0	0	H								
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					MAR. 30, 1977							89
1												
2												
3												
4												
5												
6												
7	414	8.5	69	J	7.4	78	253	-0.4	-3.3	5.9	3	J
8	432	10.2	101	J	5.7	-32	130	-2.3	3.3	-1.4	4	J
9	439	9.7	106	J	4.2	-31	168	-2.5	0.9	-1.4	3	J
10	427	9.2	119	J	4.7	23	158	-3.6	1.1	1.9	2	J
11	422	8.5	78	J	5.5	2	136	-3.4	3.2	0.8	3	J
12	416	9.1	75	J	5.1	7	138	-3.4	2.9	1.2	2	J
13	410	10.0	75	J	4.9	-4	127	-2.6	3.5	0.5	2	J
14	408	9.0	51	J	4.7	-12	124	-2.1	3.3	0.0	2	J
15	403	8.2	49	J	4.6	6	139	-3.2	2.5	1.2	2	J
16	411	7.1	48	J	4.0	-11	183	-3.4	0.1	-3.7	2	J
17	415	8.5	59	J	3.3	-30	220	-1.9	-0.9	-1.9	2	J
18	403	8.1	48	J	4.7	7	169	-4.0	0.5	0.8	2	J
19	410	7.8	56	J	4.7	-23	155	-3.3	2.1	-0.6	2	J
20	404	7.7	54	J	4.6	5	144	-3.5	2.0	1.6	2	J
21	404	7.7	55	J	4.4	-2	140	-3.1	2.2	1.3	2	J
22	400	9.1	47	J	4.0	-12	145	-2.5	1.8	0.4	3	J
23	396	11.3	49	J	3.8	-13	174	-3.5	0.8	-0.5	1	J
24	392	11.8	52	J								
					MAR. 31, 1977							90
1	390	12.8	56	J								
2												
3	386	14.3	35	J	3.8	12	172	-3.6	0.1	0.9	1	J
4	383	13.4	49	J	4.2	14	155	-3.6	1.1	1.6	1	J
5												
6	390	12.2	44	J	5.0	8	123	-2.6	3.6	2.1	1	J
7	392	11.3	40	J	5.0	-11	72	1.4	4.4	0.5	2	J
8	391	10.3	48	J	4.7	13	156	-2.8	1.0	1.0	4	J
9	399	9.7	44	J	4.9	7	219	-3.7	-3.1	-0.1	1	J
10	395	8.4	48	J	4.9	16	205	-4.2	-2.2	0.9	1	J
11	389	8.6	47	J	4.6	1	213	-3.8	-2.4	-0.4	1	J
12	382	9.1	50	J	4.4	1	177	-3.3	0.2	0.1	3	J
13	368	12.2	28	J	3.6	1	108	-1.0	2.9	0.7	2	J
14	361	12.6	34	J	3.6	0	138	-2.5	2.1	0.5	1	J
15	363	13.1	31	J	3.8	-6	129	-2.1	2.5	0.4	2	J
16	353	12.7	31	J	3.5	-7	116	-1.2	2.5	0.5	2	J
17	376	14.9	36	J	3.0	-39	103	-0.5	2.7	-0.9	1	J
18	358	13.0	33	J	3.3	-5	111	-1.1	2.6	1.0	1	J
19	353	13.0	41	J	3.8	9	130	-2.2	2.0	1.7	1	J
20	355	14.8	35	J	3.8	6	137	-2.2	1.6	1.3	2	J
21	358	18.7	27	J	3.6	-43	155	-2.1	1.9	-1.3	2	J
22	355	18.2	28	J	3.5	22	109	-1.0	1.8	2.7	1	J
23	355	20.3	27	J	2.4	14	181	-1.1	-0.2	0.2	2	J
24	352	21.4	26	J	1.7	27	115	-0.4	0.5	0.9	1	J
					APR. 1, 1977							91
1	351	18.6	24	J	2.1	27	107	-0.4	0.8	1.4	1	J
2	350	17.2	22	J	1.4	69	124	-0.2	-0.3	1.0	1	J
3	355	18.4	22	J	2.3	35	166	-1.5	-0.2	1.1	1	J
4	353	17.7	20	J	1.9	-41	164	-1.1	0.7	-0.7	1	J
5	358	15.7	24	J	2.4	48	322	0.8	-1.1	0.8	2	J
6	361	13.6	27	J	3.5	-72	68	0.3	1.5	-1.9	3	J
7	359	10.1	27	J	4.6	-65	258	-0.4	-0.5	-4.5	1	J
8					4.6	5	272	0.1	-4.0	-0.7	2	J
9												
10	368	7.3	46	J	3.4	7	217	-2.5	-1.9	-1.0	1	J
11	357	6.7	33	J	3.2	-6	270	0.0	-2.9	-0.9	1	J
12	341	6.2	39	J	3.2	2	308	1.8	-2.3	-0.4	1	J
13	340	7.1	39	J	3.6	-4	309	2.0	-2.4	-0.8	2	J
14	342	8.1	34	J	4.1	-2	308	2.3	-2.9	-0.9	1	J
15	345	9.2	33	J	4.0	-4	307	2.2	-2.8	-1.1	2	J
16	343	10.9	34	J	3.9	-1	303	2.1	-3.1	-1.1	0	J
17												
18	348	11.3	39	J	3.9	12	314	2.4	-2.5	-0.4	1	J
19	347	12.5	38	J	3.9	15	327	2.9	-2.1	-0.1	1	J
20	344	13.7	35	J	3.4	15	312	2.0	-2.3	-0.4	2	J
21	343	19.9	20	J	2.5	-10	105	-0.6	2.0	0.8	1	J
22	346	21.2	20	J	2.9	-9	102	-0.6	2.5	1.1	1	J
23	339	24.5	15	J	2.7	-8	116	-1.1	2.1	1.0	0	J
24	335	28.5	11	J	2.1	-1	144	-1.6	1.0	0.6	1	J
					APR. 2, 1977							92
1	334	24.3	11	J	2.4	16	163	-1.8	0.2	0.8	1	J
2	332	17.3	14	J	4.6	17	151	-3.3	0.9	1.9	2	J
3	326	13.5	19	J	6.3	23	166	-5.3	0.0	2.7	2	J
4	343	12.8	20	J	6.4	-14	120	-2.6	4.6	0.8	4	J
5	353	15.8	19	J	6.2	-13	90	0.0	5.7	1.1	2	J
6	357	16.7	18	J	6.6	-23	75	1.5	6.3	-0.3	1	J
7	357	17.5	19	J	6.1	-32	71	1.7	5.6	-1.6	1	J
8												
9												
10	324	10.3	23	J	8.0	16	179	-7.7	-0.3	2.2	1	J
11	329	11.1	26	J	7.8	1	169	-7.5	1.4	0.4	2	J
12	348	12.3	53	J	9.2	3	129	-5.6	6.7	1.9	2	J
13	334	11.4	27	J	9.0	6	135	-6.3	5.9	2.3	1	J
14	327	10.5	29	J	8.1	-4	151	-7.0	3.9	0.4	1	J
15	320	9.9	34	J	7.4	1	139	-5.5	4.6	1.5	2	J
16	313	10.9	25	J	6.5	6	144	-5.1	3.3	1.9	2	J
17	313	12.4	19	J	5.0	-12	136	-3.4	3.5	0.3	1	J
18	310	11.4	18	J	4.9	3	124	-2.6	3.4	1.9	1	J
19	312	12.4	16	J	4.5	7	122	-2.3	3.0	2.2	1	J
20	310	11.8	16	J	5.4	22	128	-3.0	2.3	3.7	1	J
21	311	14.0	18	J	4.6	26	133	-2.8	1.5	3.3	1	J
22	339	24.7	25	J	4.1	-2	308	2.0	-2.0	-1.5	3	J
23	355	35.2	30	J	3.9	-33	295	1.1	-1.0	-2.8	2	J
24	360	41.1	25	J	4.6	3	286	1.2	-3.5	-2.1	2	J
					APR. 3, 1977							93
1	366	23.2	58	J	8.2	23	304	2.7	-4.4	-0.5	7	J
2	362	19.0	46	J	7.8	-31	265	1.7	-3.3	-6.5	2	J
3	361	19.9	49	J	5.7	26	334	3.6	-2.5	0.9	4	J
4	378	15.0	58	J	8.6	47	16	4.2	-1.0	4.7	2	J
5												
6	386	13.7	84	J	4.2	8	290	0.5	-1.5	-0.3	4	J
7	387	11.2	79	J	4.3	-27	273	0.1	-1.1	-1.1	4	J
8	393	11.3	89	J	3.4	8	254	-0.5	-1.9	-0.2	3	J
9	405	9.7	106	J	6.3	24	340	5.2	-2.4	2.0	2	J
10	396	10.3	115	J	5.4	26	341	4.3	-1.9	1.9	2	J
11	380	10.3	63	J	6.6	-10	289	1.8	-5.0	-2.0	3	J
12	373	9.2	67	J	5.9	0	318	3.4	-3.0	-0.6	4	J
13	370	7.2	37	J	5.9	21	356	5.5	-0.8	2.3	1	J
14	373	7.2	43	J	5.7	14	7	5.4	0.3	1.5	1	J
15	383	8.6	85	J	6.7	29	2	5.7	-0.7	3.1	1	J
16	381	9.1	92	J	6.3	24	359	5.8	-0.9	2.4	1	J
17	379	9.9	86	J	6.1	23	345	5.3	-2.2	1.6	1	J
18	413	8.2	73	J	4.6	-11	306	2.3	-2.5	-2.0	3	J
19	412	6.0	69	J	5.9	5	333	5.2	-2.6	-0.8	1	J
20	407	6.2	80	J	5.5	17	343	5.0	-2.1	0.6	1	J
21	405	7.0	76	J	5.0	28	324	3.4	-3.3	0.6	1	J
22	419	7.3	108	J	5.5	8	310	3.2	-3.5	-1.5	3	J
23	433	7.3	98	J	5.8	-16	291	1.2	-2.1	-2.6	5	J
24	454	10.8	67	J	4.8	-25	219	-2.3	-0.8	-2.2	4	J
					APR. 4, 1977							94
1	455	11.1	67	J	6.5	-50	245	-1.4	-0.4	-4.8	4	J
2	476	14.8	99	J	6.5	-56	243	-1.4	3.0	-5.2	4	J
3	483	13.3	119	J	6.9	-42	252	-0.5	-0.6	-2.0	7	J
4	489	13.7	103	J	7.5	-17	193	-6.5	-0.4	-2.5	3	J
5	471	11.7	96	J	9.0	17	321	3.0	-2.7	0.1	8	J
6	489	11.4	118	J	8.5	-29	234	-3.4	-3.3	-4.7	5	J
7	457	8.9	91	J	8.6	11	329	6.7	-4.3	0.2	3	J
8	453	8.1	93	J	7.8	7	338	6.9	-2.9	0.2	2	J
9	457	8.8	167	J	5.9	12	338	5.0	-2.2	0.7	2	J
10	447	9.2	153	J	4.8	1	349	4.6	-0.9	-0.1	1	J
11	445	10.6	147	J	4.7	2	340	4.4	-1.6	-0.2	0	J
12	442	0.0	0	H								
13	448	10.9	64	J	8.5	12	317	6.0	-5.8	0.5	1	J
14	498	10.4	178	J	6.3	47	359	3.7	-1.0	3.8	3	J
15	506	10.5	189	J	6.6	44	351	4.3	-1.8	3.8	3	J
16	504	11.3	197	J	7.7	23	329	5.9	-4.3	1.6	2	J
17	526	8.2	239	J	9.4	12	332	7.8	-4.5	0.2	3	J
18	521	7.9	221	J	5.7	-7	323	3.8	-2.3	-1.8	3	J
19	535	5.7	217	J	4.7	-5	343	4.0	-0.9	-0.9	2	J
20	534	4.8	189	J	4.4	4	341	3.9	-1.3	-0.4	1	J
21	540	4.5	151	J	3.8	-3	339	3.3	-1.0	-0.8	1	J
22	530	4.0	164	J	3.5	10	337	3.0	-1.4	-0.2	1	J
23	542	4.4	125	J	4.0	2	250	-0.8	-1.8	-1.1	3	J
24	545	4.5	115	J	2.8	-11	242	-1.2	-1.7	-1.7	1	J
					APR. 5, 1977							95
1	537	3.7	76	J	3.9	-17	215	-3.0	-1.1	-2.1	1	J
2	527	3.6	79	J	3.9	-7	211	-3.1	-1.4	-1.4	1	J
3	525	4.0	108	J	3.3	-6	242	-1.1	-1.7	-1.2	2	J
4	523	4.0	130	J	2.9	8	294	1.0	-2.2	-0.7	2	J
5	499	4.7	117	J	2.9	4	198	-2.2	-0.7	-0.1	2	J
6	498	4.7	115	J	2.7	20	233	-0.9	-1.3	0.1	2	J
7	493	5.5	117	J	4.0	4	328	2.9	-1.8	-0.3	2	J
8	492	5.3	119	J	4.2	-7	326	3.0	-1.9	-1.0	2	J
9	488	5.4	133	J	4.3	-1	340	3.9	-1.3	-0.4	1	J
10	481	5.5	118	J	4.1	-10	346	3.8	-0.8	-0.9	1	J
11	476	5.7	141	J	4.7	-6	345	4.2	-1.0	-0.7	2	J
12	467	6.1	168	J	4.8	1	338	4.4	-1.7	-0.3	1	J
13	471	6.6	103	J	4.8	0	322	3.5	-2.7	-0.6	2	J
14	458	6.4	96	J	5.6	15	320	3.8	-3.4	0.5	2	J
15	456	7.3	84	J	5.6	9	355	5.1	-0.7	0.7	2	J
16	462	6.2	81	J	6.9	-3	303	3.6	-5.2	-2.2	2	J
17	462	0.0	0	H								
18	460	0.0	0	H								
19	439	0.0	0	H								
20	441	0.0	0	H								
21	450	0.0	0	H	6.2	-24	182	-5.4	1.1	-2.1	2	J
22	462	0.0	0	H	5.3	-19	210	-3.9	-1.0	-2.6	3	J
23	465	0.0	0	H	5.0	-22	220	-2.1	-0.8	-1.9	4	J
24	468	0.0	0	H	6.1	-41	178	-4.5	2.3	-3.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 6, 1977							96
1	464	0.0	0	H	6.6	-29	220	-2.5	-0.8	-2.7	5	J
2	469	0.0	0	H	5.4	-5	338	2.3	-3.4	-0.0	4	J
3	473	0.0	0	H	5.6	-11	293	1.6	-3.2	-2.6	3	J
4	481	0.0	0	H	5.3	-28	266	-0.2	-1.9	-2.7	4	J
5	466	0.0	0	H								
6	481	0.0	0	H								
7	485	0.0	0	H								
8												
9												
10												
11												
12	528	0.0	0	H								
13	534	0.0	0	H								
14	548	0.0	0	H								
15	598	0.0	0	H								
16	643	0.0	0	H								
17	631	0.0	0	H								
18	632	0.0	0	H								
19	673	0.0	0	H								
20	631	0.0	0	H								
21	618	0.0	0	H								
22	591	0.0	0	H								
23	580	0.0	0	H								
24	572	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 7, 1977							97
1												
2	545	0.0	0	H								
3	556	0.0	0	H								
4	547	0.0	0	H								
5	514	0.0	0	H								
6	518	0.0	0	H								
7	517	0.0	0	H								
8	504	0.0	0	H								
9	501	0.0	0	H								
10												
11	484	0.0	0	H								
12	484	0.0	0	H								
13	511	0.0	0	H								
14	509	0.0	0	H								
15	516	0.0	0	H								
16	525	0.0	0	H								
17	510	0.0	0	H								
18	510	0.0	0	H								
19	510	0.0	0	H								
20	510	0.0	0	H								
21	510	0.0	0	H								
22	547	0.0	0	H								
23	557	0.0	0	H								
24	544	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 8, 1977							98
1	543	0.0	0	H								
2	556	0.0	0	H								
3	564	0.0	0	H								
4	544	0.0	0	H								
5	558	0.0	0	H								
6	634	0.0	0	H								
7	689	0.0	0	H								
8	675	0.0	0	H								
9	660	0.0	0	H								
10	689	0.0	0	H								
11	626	0.0	0	H								
12	648	0.0	0	H								
13	655	0.0	0	H								
14	623	0.0	0	H								
15	661	0.0	0	H								
16	664	0.0	0	H								
17	653	0.0	0	H								
18	618	0.0	0	H								
19	608	0.0	0	H								
20	623	0.0	0	H								
21	620	0.0	0	H								
22	614	0.0	0	H								
23	610	0.0	0	H								
24	623	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 9, 1977							99
1	611	0.0	0	H								
2	617	0.0	0	H								
3	611	0.0	0	H								
4	616	0.0	0	H								
5	578	0.0	0	H								
6	587	0.0	0	H								
7	597	0.0	0	H								
8	613	0.0	0	H								
9	592	0.0	0	H								
10	596	0.0	0	H								
11	596	0.0	0	H								
12												
13												
14	586	0.0	0	H								
15	590	0.0	0	H								
16	602	0.0	0	H								
17	574	0.0	0	H								
18	569	0.0	0	H								
19	562	0.0	0	H								
20	556	0.0	0	H								
21	582	0.0	0	H								
22	593	0.0	0	H								
23	594	0.0	0	H								
24	602	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 10, 1977							100
1	586	0.0	0	H								
2	581	0.0	0	H								
3	576	0.0	0	H								
4	578	0.0	0	H								
5	592	0.0	0	H								
6	587	0.0	0	H								
7	569	0.0	0	H								
8	564	0.0	0	H								
9	558	0.0	0	H								
10	555	0.0	0	H								
11												
12	562	0.0	0	H								
13	560	0.0	0	H								
14	542	0.0	0	H								
15	545	0.0	0	H								
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
					APR. 12, 1977							102
1												
2												
3	422	6.8	88	J								
4	415	6.3	37	J	4.4	28	3	3.4	-0.6	1.7	2	J
5	421	5.7	94	J	4.4	21	351	3.7	-1.1	1.1	2	J
6	418	7.1	74	J	4.2	24	13	3.4	0.2	1.7	2	J
7	421	6.9	82	J	4.2	29	28	3.2	1.1	2.4	0	J
8	415	6.3	45	J	4.2	23	28	3.3	1.3	2.0	1	J
9	413	6.2	39	J	4.4	31	31	3.2	1.4	2.6	1	J
10	410	6.6	37	J	4.5	25	22	3.7	1.1	2.1	1	J
11	429	6.4	38	J	4.4	4	16	4.1	1.1	0.5	1	J
12	408	6.7	50	J	4.5	19	16	4.0	0.9	1.6	1	J
13	410	7.0	53	J	4.5	13	7	4.0	0.3	1.0	2	J
14	419	7.7	52	J	4.6	-31	251	-1.1	-2.8	-2.8	2	J
15	415	9.0	38	J	5.8	21	337	4.2	-2.2	1.2	3	J
16	409	10.0	43	J	6.6	20	346	5.2	-2.1	1.6	1	J
17	407	8.9	51	J	6.4	8	325	4.9	-3.5	-0.5	2	J
18	401	9.1	46	J	6.2	-1	316	4.2	-3.7	-1.6	2	J
19	400	9.8	46	J	5.8	12	325	4.2	-3.1	-0.4	2	J
20	407	10.9	48	J	6.1	-22	222	-0.8	-0.4	-0.8	6	J
21	421	11.1	48	J	5.6	-14	201	-4.9	-0.9	-2.1	1	J
22	417	11.4	42	J	5.5	-2	210	-4.6	-2.1	-1.6	1	J
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 13, 1977							103
1												
2	377	7.2	86	J	5.8	18	10	5.4	-0.1	2.0	1	J
3					5.1	21	9	4.7	-0.2	2.0	1	J
4	386	6.3	86	J	4.3	10	12	4.1	0.5	1.1	0	J
5	389	5.2	64	J	3.9	19	10	3.5	0.1	1.4	1	J
6	371	6.3	35	J	3.1	16	8	2.9	0.1	0.9	0	J
7	393	7.7	46	J	3.2	-30	23	2.5	1.4	-1.2	1	J
8	395	7.9	40	J	3.6	-53	341	1.9	0.0	-2.7	1	J
9	389	7.7	41	J	3.7	-10	309	2.0	-2.3	-1.1	2	J
10	384	7.9	64	J	3.7	0	349	3.3	-0.6	-0.1	1	J
11	386	8.9	54	J	4.4	21	21	3.7	1.1	1.7	1	J
12	385	8.5	57	J	4.6	30	4	3.7	-0.1	2.2	2	J
13	414	6.2	45	J	5.4	15	308	2.9	-3.9	0.5	2	J
14	418	7.0	64	J	4.6	14	325	3.3	-2.5	0.5	2	J
15	421	7.7	87	J	4.2	12	336	3.4	-1.7	0.4	2	J
16	414	7.1	56	J	3.9	24	339	3.3	-1.7	1.1	1	J
17	412	6.6	38	J	4.1	24	345	3.6	-1.5	1.2	1	J
18	438	7.3	48	J	4.0	17	341	3.4	-1.5	0.5	1	J
19	406	7.0	50	J	3.9	10	348	3.6	-1.0	0.2	1	J
20	402	8.3	51	J	3.9	2	356	3.8	-0.3	-0.0	1	J
21	392	10.0	66	J	4.3	18	335	3.5	-2.1	0.2	1	J
22	385	10.7	64	J	3.6	14	329	2.7	-1.8	-0.2	2	J
23	399	14.3	49	J	2.3	47	254	-0.4	-1.8	0.5	1	J
24	405	11.6	54	J	5.3	-16	198	-2.7	-0.3	-1.1	5	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 14, 1977							104
1	414	11.9	48	J	4.8	-47	199	-3.0	0.9	-3.4	2	J
2	415	13.5	51	J	3.3	-20	193	-2.7	-0.0	-1.2	1	J
3	415	12.4	53	J	3.7	40	182	-2.5	-1.1	1.8	2	J
4	402	12.8	36	J	4.3	32	279	0.5	-4.0	0.5	1	J
5	397	13.1	33	J	4.1	52	296	0.9	-2.8	1.8	2	J
6	398	13.6	33	J	4.5	11	292	1.6	-4.0	-0.5	1	J
7	390	12.0	31	J	5.0	8	276	0.5	-4.8	-0.7	1	J
8	387	13.7	30	J	4.9	-32	270	0.0	-2.6	-2.7	3	J
9	377	11.8	25	J	5.7	-55	64	1.2	3.2	-3.3	3	J
10	375	13.7	21	J	3.7	-23	254	-0.7	-2.2	-1.5	2	J
11	372	14.2	20	J	3.3	1	271	0.0	-2.6	-0.4	2	J
12	371	13.3	23	J	3.4	-24	344	1.3	-0.3	-0.7	3	J
13	362	14.1	26	J	3.5	-15	360	2.8	0.1	-0.7	2	J
14	358	14.0	24	J	3.4	-7	347	2.9	-0.6	-0.5	1	J
15	357	15.3	22	J	3.7	-2	348	3.4	-0.7	-0.3	1	J
16	354	15.8	24	J	3.4	5	346	3.1	-0.8	0.0	1	J
17	361	20.0	22	J	4.0	-36	294	1.0	-1.4	-2.4	3	J
18	365	18.1	28	J	3.4	-36	264	-0.2	-1.0	-1.7	3	J
19	374	16.1	31	J	4.8	21	275	0.2	-3.0	-0.3	4	J
20					5.9	9	289	1.9	-5.2	-1.9	1	J
21	386	10.5	93	J	5.7	15	323	4.2	-3.4	-0.4	2	J
22	392	9.9	68	J	6.1	-29	304	2.9	-2.1	-4.8	1	J
23	384	9.4	66	J	6.1	-3	323	4.0	-2.4	-1.9	4	J
24	384	10.0	56	J	4.7	-39	302	1.1	-0.6	-2.4	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
					APR. 15, 1977							105
1	375	10.7	45	J	5.3	-72	225	-1.0	1.5	-4.4	2	J
2	376	12.4	55	J	5.4	-57	293	1.1	-0.1	-5.0	2	J
3	374	12.7	61	J	5.1	-43	314	2.3	-0.7	-3.9	2	J
4	373	12.8	57	J	6.1	-12	297	2.6	-4.2	-3.3	2	J
5	373	13.3	46	J	5.8	15	291	1.9	-5.0	-0.5	2	J
6	374	19.5	29	J	4.3	-38	245	-1.1	-1.6	-2.8	3	J
7	372	19.4	18	J	4.6	-26	137	-2.6	2.8	-1.0	3	J
8	368	20.9	16	J	4.5	-37	111	-1.2	3.6	-1.7	2	J
9	364	19.3	17	J	4.9	-2	105	-1.2	4.5	0.8	1	J
10	362	0.0	0	H	5.4	-1	102	-1.1	5.2	0.9	1	J
11	360	14.2	16	J	6.8	-4	94	-0.5	6.7	0.7	1	J
12	358	10.9	15	J	7.1	19	86	0.5	6.1	3.4	1	J
13	350	[illegible]9	24	J	5.8	-13	112	-1.9	4.9	-0.3	2	J
14	353	8.7	31	J	5.7	-31	121	-2.3	4.3	-1.8	2	J
15	351	7.8	51	J	6.3	-15	122	-3.1	5.2	-0.2	2	J
16	355	6.8	34	J	7.1	-11	108	-2.1	6.4	0.7	2	J
17	360	6.9	24	J	7.6	2	92	-0.3	6.8	2.9	2	J
18	356	7.8	23	J	8.1	23	103	-1.6	5.1	5.6	2	J
19	351	7.2	27	J	8.1	12	108	-2.4	5.9	4.9	1	J
20	354	8.2	34	J	7.4	1	104	-1.7	6.0	3.5	2	J
21	355	8.4	35	J	7.3	8	107	-2.0	5.1	4.2	2	J
22	355	9.0	42	J	6.9	15	111	-2.3	4.2	4.7	1	J
23	360	9.9	45	J	6.3	6	111	-2.0	4.0	3.3	3	J
24	366	12.6	58	J	6.8	-8	127	-3.1	3.9	1.6	4	J
					APR. 16, 1977							106
1	373	15.3	64	J	7.8	-2	118	-3.2	5.2	2.9	4	J
2	372	15.8	70	J	8.3	1	121	-3.2	4.6	2.8	5	J
3	377	13.8	47	J	10.1	24	103	-2.0	5.4	8.0	2	J
4	379	14.3	45	J	10.7	3	105	-2.0	6.8	3.6	7	J
5	376	24.8	22	J	10.6	-28	116	-4.0	9.4	-1.5	3	J
6	381	22.7	29	J	11.6	4	101	-2.2	10.4	4.4	1	J
7	373	18.4	23	J	13.1	7	108	-3.7	10.6	4.6	5	J
8	380	24.5	26	J	13.8	20	100	-2.2	11.0	7.4	3	J
9	379	22.8	23	J	15.2	33	94	-0.9	10.7	10.6	2	J
10	379	25.5	22	J	13.9	48	83	1.1	7.2	11.7	2	J
11	381	29.8	33	J	13.2	44	70	3.2	7.3	10.5	1	J
12	384	32.2	40	J	11.7	48	90	0.0	6.1	9.6	3	J
13	393	19.6	77	J	12.1	20	336	8.4	-3.9	2.6	7	J
14	397	19.5	50	J	12.6	19	315	8.2	-8.8	2.1	3	J
15	398	25.7	75	J	8.6	-30	255	-1.3	-4.1	-4.2	6	J
16	413	12.8	163	J	9.5	16	301	3.4	-6.0	0.1	7	J
17	440	12.3	193	J	8.8	-9	286	2.3	-6.1	-3.5	5	J
18	460	12.3	143	J	8.0	-27	275	0.5	-3.8	-4.7	5	J
19	460	10.9	136	J	9.2	-24	284	1.6	-4.4	-5.6	6	J
20	478	9.3	113	J	8.0	9	288	2.4	-7.0	-2.5	2	J
21	483	7.8	112	J	6.7	25	306	3.0	-4.8	-3.1	4	J
22	474	7.2	129	J	6.9	24	325	4.7	-4.2	0.4	3	J
23	478	8.6	136	J	4.5	-41	286	0.8	-0.9	-3.5	3	J
24	466	8.0	139	J	5.6	30	312	2.7	-3.7	0.4	3	J
					APR. 17, 1977							107
1	457	6.7	104	J	5.4	28	324	3.6	-3.4	0.7	2	J
2	451	6.1	70	J	5.8	6	320	4.2	-3.3	-1.2	2	J
3	458	5.1	70	J	4.3	-18	323	3.2	-1.5	-2.3	1	J
4	456	4.8	61	J	3.8	4	326	2.6	-1.7	-0.5	2	J
5	466	5.2	60	J	4.0	7	287	1.0	-3.2	-0.8	2	J
6	461	5.0	67	J	4.1	21	302	1.8	-3.2	0.3	2	J
7	457	5.2	67	J	3.9	14	301	1.8	-3.2	0.0	1	J
8	449	5.7	78	J	3.6	-17	339	2.3	-0.7	-0.9	2	J
9	455	5.0	67	J	3.7	-24	306	1.6	-1.9	-1.6	2	J
10	457	4.9	61	J	4.0	-25	284	0.7	-2.5	-1.8	3	J
11	450	3.9	142	J	4.6	9	341	4.2	-1.5	0.5	1	J
12	437	4.1	76	J	4.7	13	326	3.6	-2.6	0.6	1	J
13	439	4.2	78	J	4.3	6	320	3.0	-2.5	-0.1	2	J
14	416	3.7	77	J	4.2	10	359	4.0	-0.2	0.7	1	J
15	425	4.0	74	J	4.1	-11	329	3.1	-1.6	-1.2	2	J
16	435	4.0	76	J	4.1	-8	310	2.5	-2.7	-1.4	1	J
17	431	4.3	73	J	4.1	-26	337	3.1	-0.6	-2.0	2	J
18	419	4.1	63	J	4.3	16	338	3.6	-1.8	0.4	2	J
19	412	4.4	38	J	4.5	[illegible]1	7	4.2	0.5	0.2	2	J
20	419	5.8	58	J	3.3	-25	358	2.1	0.4	-0.9	2	J
21	414	5.1	37	J	3.5	-8	344	3.0	-0.5	-0.8	1	J
22	412	5.1	33	J	3.8	6	346	3.4	-0.9	-0.1	2	J
23	412	4.7	33	J	4.7	20	338	3.9	-2.2	0.4	1	J
24	408	4.9	36	J	4.8	-2	332	4.1	-1.8	-1.3	1	J
					APR. 18, 1977							108
1	402	4.9	38	J	5.0	-5	344	4.7	-0.9	-1.1	1	J
2	405	4.9	36	J	5.2	15	349	4.2	-1.3	0.6	3	J
3	401	5.2	37	J	5.5	0	350	4.9	-0.8	-0.4	2	J
4	434	5.1	45	J	5.2	1	327	3.9	-2.3	-1.0	3	J
5	405	4.7	37	J	5.7	45	335	3.6	-3.0	3.1	1	J
6	400	5.4	50	J	6.0	48	349	3.7	-2.9	3.8	2	J
7	391	5.7	67	J	5.8	30	335	4.4	-2.7	2.1	2	J
8	397	5.5	67	J	5.9	20	322	3.8	-3.3	1.0	3	J
9	386	6.3	92	J	6.1	10	326	4.9	-3.4	0.4	1	J
10	405	6.9	86	J	5.5	-37	334	3.3	-1.1	-3.0	3	J
11	403	6.7	49	J	6.3	-30	315	3.6	-3.1	-3.5	2	J
12	390	7.1	36	J	7.1	-5	314	4.8	-4.8	-1.4	2	J
13	394	8.4	34	J	7.3	23	322	4.9	-4.3	1.9	3	J
14	398	9.0	28	J	7.9	3	304	4.1	-6.1	-3.9	3	J
15	411	9.6	52	J	6.7	-10	291	2.2	-5.2	-2.4	3	J
16	423	10.6	84	J	5.0	-14	318	2.1	-1.6	-1.2	4	J
17	421	11.9	91	J	4.0	-10	163	-3.7	1.3	-0.2	1	J
18	439	11.4	100	J	4.4	-8	137	-2.0	1.9	0.4	4	J
19	447	9.3	107	J								
20	456	9.4	105	J	5.0	-2	95	-0.2	2.0	1.0	5	J
21	442	9.5	91	J	7.1	1	20	5.7	1.7	1.2	4	J
22	442	10.2	142	J	6.8	34	19	4.3	-0.4	3.4	4	J
23	462	9.4	120	J	6.7	48	305	2.0	-4.5	1.7	4	J
24	453	10.2	114	J	6.4	18	328	4.6	-3.4	-0.0	3	J
					APR. 19, 1977							109
1	459	10.0	95	J	6.9	9	320	4.5	-3.7	-1.2	3	J
2	524	14.9	147	J	11.5	39	73	2.1	3.2	8.4	7	J
3	497	15.9	138	J	12.8	9	314	7.8	-8.0	-2.1	6	J
4	505	14.1	173	J								
5	562	0.0	0	H								
6	564	0.0	0	H								
7	564	0.0	0	H								
8												
9												
10												
11												
12	507	0.0	0	H								
13	516	0.0	0	H								
14	560	0.0	0	H								
15	521	0.0	0	H								
16	507	0.0	0	H								
17	513	0.0	0	H								
18	548	0.0	0	H								
19	593	0.0	0	H								
20	610	0.0	0	H								
21	589	0.0	0	H								
22	600	0.0	0	H								
23	618	0.0	0	H								
24	601	0.0	0	H								
					APR. 20, 1977							110
1	588	0.0	0	H								
2	570	0.0	0	H								
3	587	0.0	0	H								
4	590	0.0	0	H								
5	565	0.0	0	H								
6	562	0.0	0	H								
7	562	0.0	0	H								
8	560	0.0	0	H								
9	562	0.0	0	H								
10												
11												
12												
13	581	0.0	0	H								
14	570	0.0	0	H								
15	581	0.0	0	H								
16	599	0.0	0	H								
17	565	0.0	0	H								
18	579	0.0	0	H								
19	595	0.0	0	H								
20												
21												
22	623	0.0	0	H								
23	615	0.0	0	H								
24	584	0.0	0	H								
					APR. 21, 1977							111
1	572	0.0	0	H								
2	609	0.0	0	H								
3	576	0.0	0	H								
4	620	0.0	0	H								
5	597	0.0	0	H								
6	576	0.0	0	H								
7	579	0.0	0	H								
8	580	0.0	0	H								
9	574	0.0	0	H								
10												
11												
12												
13												
14												
15	521	0.0	0	H								
16	493	0.0	0	H								
17	459	0.0	0	H								
18	473	0.0	0	H								
19	482	0.0	0	H								
20	476	0.0	0	H								
21	464	0.0	0	H								
22	457	0.0	0	H								
23	449	0.0	0	H								
24	443	0.0	0	H								
					APR. 22, 1977							112
1	429	0.0	0	H								
2	417	0.0	0	H								
3	416	0.0	0	H								
4	426	0.0	0	H								
5	413	0.0	0	H								
6	409	0.0	0	H								
7	408	0.0	0	H								
8	409	0.0	0	H								
9	392	0.0	0	H								
10	398	0.0	0	H								
11	376	0.0	0	H								
12	369	0.0	0	H								
13	369	0.0	0	H								
14	370	0.0	0	H								
15	374	0.0	0	H								
16	371	0.0	0	H								
17	376	0.0	0	H								
18	383	0.0	0	H								
19	370	0.0	0	H								
20												
21	366	0.0	0	H								
22	364	0.0	0	H								
23	364	0.0	0	H								
24	366	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 23, 1977							113
1	371	0.0	0	H								
2	371	0.0	0	H								
3	374	0.0	0	H								
4	373	0.0	0	H								
5	377	0.0	0	H								
6	371	0.0	0	H								
7	368	0.0	0	H								
8	363	0.0	0	H								
9	370	0.0	0	H								
10	373	0.0	0	H								
11	368	0.0	0	H								
12	364	0.0	0	H								
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
					APR. 24, 1977							114
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	388	13.5	127	J								
21	409	13.0	102	J								
22	417	12.4	113	J								
23	447	13.1	120	J								
24	475	11.7	126	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 25, 1977							115
1	501	11.9	169	J	6.2	30	186	-6.4	-2.4	2.9	4	J
2	505	13.3	193	J	6.7	-80	120	-0.5	3.2	-4.2	4	J
3	491	12.4	158	J	8.1	-58	69	1.3	5.4	-3.7	5	J
4	490	11.3	189	J	7.7	3	94	-0.4	5.4	2.6	5	J
5	497	10.5	202	J	6.7	-23	73	1.7	6.1	-0.4	2	J
6	483	8.7	148	J	8.5	-50	97	-0.7	7.0	-4.6	1	J
7	464	8.6	137	J	9.7	11	119	-4.3	7.1	3.6	3	J
8	466	7.4	110	J	6.9	-17	115	-3.3	7.4	-0.9	3	J
9	481	7.1	121	J	7.4	-37	131	-3.6	4.6	-3.4	2	J
10	476	6.6	117	J	8.1	-35	142	-5.0	4.5	-3.8	2	J
11	489	6.2	146	J	6.9	-43	133	-2.3	2.9	-2.8	5	J
12	484	6.4	165	J	5.9	45	86	0.3	2.9	3.9	3	J
13	497	5.5	142	J	6.3	42	89	0.2	3.8	4.7	2	J
14	501	4.2	132	J	6.5	18	108	-1.8	5.1	2.9	2	J
15	538	4.0	140	J	5.3	3	107	-1.3	4.3	1.0	3	J
16	514	3.8	165	J	3.6	-19	150	-2.5	1.6	-0.6	2	J
17	503	4.3	99	J	3.4	-19	171	-2.5	0.7	-0.7	2	J
18	479	6.1	80	J	3.6	30	84	0.2	1.6	2.1	2	J
19	453	5.9	65	J	4.5	33	80	0.5	1.9	2.9	3	J
20	433	6.7	75	J	3.6	0	109	-1.0	2.5	1.3	2	J
21	411	7.4	69	J	3.9	2	127	-2.2	2.3	1.4	2	J
22	403	8.1	60	J	4.2	11	137	-2.3	1.5	1.6	3	J
23	396	6.3	61	J	4.4	2	141	-3.2	2.1	1.5	1	J
24	389	6.2	49	J	4.6	9	129	-2.5	2.3	2.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 26, 1977							116
1	386	7.8	49	J	2.7	14	122	-0.9	1.0	1.0	2	J
2	382	7.9	38	J	2.6	17	70	0.5	1.0	1.0	2	J
3	386	9.0	44	J	3.5	-16	109	-0.8	2.3	0.4	3	J
4	378	12.2	43	J	3.7	-24	106	-0.9	3.3	-0.1	1	J
5	388	11.1	40	J	4.0	-6	97	-0.4	3.5	0.8	2	J
6	406	11.6	33	J	4.5	8	57	2.4	3.3	1.6	1	J
7	394	12.8	25	J	4.0	4	65	0.4	4.3	1.4	1	J
8	394	13.7	23	J	4.7	14	65	1.8	3.6	1.8	2	J
9	433	14.0	23	J	4.9	2	40	3.5	2.9	3.6	2	J
10	414	5.7	81	J	5.8	60	66	0.7	1.3	3.6	4	J
11	422	5.0	104	J	5.4	72	111	-0.5	0.8	4.7	2	J
12	404	5.7	77	J	5.3	55	54	1.6	1.6	4.1	2	J
13	413	6.6	67	J	4.9	47	89	0.1	2.6	3.8	2	J
14	421	8.3	61	J	5.0	40	121	-1.8	2.4	3.4	2	J
15	421	8.5	93	J	5.5	39	181	-3.6	-0.7	2.8	3	J
16	412	6.7	92	J	6.1	8	201	-5.5	-2.3	0.2	1	J
17	410	5.9	67	J	5.8	8	185	-5.4	-0.7	1.6	2	J
18	410	5.7	68	J	5.0	8	167	-4.5	0.7	1.0	1	J
19	410	6.1	78	J	5.2	4	163	-4.8	1.2	0.9	2	J
20	404	7.5	78	J	4.5	20	104	-0.6	1.8	2.0	4	J
21	393	9.2	66	J	4.9	17	101	-0.5	2.3	2.2	4	J
22	396	10.2	58	J	5.7	26	69	1.7	2.6	4.2	2	J
23	397	10.9	63	J	5.9	34	55	2.5	1.6	4.4	3	J
24	393	9.4	85	J	6.0	-10	160	-5.1	2.1	0.1	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 27, 1977							117
1	382	10.2	88	J	5.1	5	150	-3.9	1.8	1.4	3	J
2	375	10.9	76	J	4.1	16	143	-2.5	1.3	1.7	2	J
3	373	12.0	76	J	3.9	2	170	-3.6	0.5	0.4	2	J
4	369	12.4	82	J	4.1	14	180	-3.7	-0.4	0.8	1	J
5	374	12.8	65	J	5.6	52	139	-1.8	0.5	3.4	4	J
6	380	12.6	68	J	5.0	53	234	-1.3	-2.6	2.3	4	J
7	373	15.0	56	J	7.4	68	219	-2.0	-3.1	5.7	3	J
8	369	15.3	50	J	9.2	52	111	-2.0	3.6	7.9	2	J
9												
10	376	13.0	42	J	7.5	-3	60	3.5	6.1	0.5	2	J
11	376	12.2	44	J	6.9	-19	47	3.0	3.4	-1.1	5	J
12	355	11.8	58	J	6.2	32	172	-4.7	0.3	3.0	3	J
13	361	12.3	51	J	4.8	3	114	-1.8	3.9	0.8	2	J
14	362	11.3	52	J	5.5	19	124	-2.6	3.6	2.3	2	J
15	362	9.4	54	J	6.1	25	129	-3.0	3.1	2.9	3	J
16	372	10.3	44	J	6.0	8	95	-0.4	4.4	1.9	3	J
17	359	10.1	45	J	5.8	9	98	-0.7	4.4	2.3	3	J
18	375	9.5	35	J	6.1	-6	54	3.6	4.8	1.2	1	J
19	369	8.7	28	J	5.9	5	63	2.6	4.5	2.6	1	J
20	369	8.3	27	J	5.9	-2	64	2.5	4.7	2.2	1	J
21	360	7.5	25	J	6.1	14	73	1.7	4.1	4.0	1	J
22												
23	357	8.1	19	J	5.9	28	81	0.8	3.0	5.0	0	J
24	363	8.5	26	J	6.0	0	57	3.0	4.0	2.3	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 28, 1977							118
1	362	8.5	26	J	5.3	-9	57	2.8	4.2	1.4	1	J
2	357	8.3	28	J	4.9	-14	68	1.7	4.4	3.9	1	J
3	352	7.1	25	J	4.8	0	75	1.2	3.9	1.8	2	J
4	344	5.9	36	J	4.5	24	96	-0.4	3.0	3.1	2	J
5	350	4.0	37	J	5.2	38	118	-1.9	2.4	4.2	1	J
6	352	4.3	36	J	4.7	32	118	-1.8	2.6	3.2	1	J
7	341	6.1	28	J	4.1	19	77	0.8	3.1	2.0	2	J
8	344	6.6	33	J	4.0	-4	78	0.7	3.4	0.4	2	J
9	347	6.8	33	J	4.2	-42	86	0.2	3.4	-2.2	1	J
10	345	6.8	36	J	4.1	71	173	-1.3	-0.3	2.9	3	J
11	338	6.6	30	J	4.2	46	165	-2.7	0.4	2.9	1	J
12	338	6.8	27	J	4.4	18	153	-3.6	1.7	1.6	1	J
13	338	7.0	29	J	4.3	5	138	-3.1	2.7	0.8	1	J
14	335	6.5	28	J	4.0	-23	170	-3.4	0.8	-1.3	2	J
15	335	7.0	24	J	3.4	-41	163	-2.2	1.1	-1.8	2	J
16	336	7.8	31	J	3.6	-9	153	-2.4	1.3	-0.1	2	J
17	339	9.0	30	J	3.6	-34	136	-2.0	2.5	-1.2	1	J
18	352	9.8	36	J	4.4	-32	96	-0.4	4.2	-0.8	1	J
19	352	11.6	38	J	5.4	27	115	-1.9	2.7	3.8	2	J
20	383	18.8	49	J	6.6	32	118	-1.9	2.0	3.9	5	J
21	398	19.9	53	J	10.5	28	118	-3.9	4.2	7.3	5	J
22	399	22.8	45	J	11.2	4	116	-4.8	8.1	5.6	3	J
23	397	27.4	39	J	11.6	30	128	-5.9	3.7	8.6	4	J
24	395	24.0	21	J	14.3	51	139	-6.8	-0.5	12.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 29, 1977							119
1	385	39.0	29	J	13.3	61	142	-5.0	-2.1	11.8	3	J
2	371	29.0	61	J	13.0	75	235	-1.8	-7.6	9.2	5	J
3	399	12.1	136	J	9.3	75	269	-0.0	-4.3	5.2	7	J
4	444	12.3	183	J	8.4	-17	302	2.7	-3.5	-3.1	6	J
5	468	11.8	193	J	7.0	-70	346	1.4	1.0	-3.8	6	J
6	464	11.6	216	J	6.6	-13	315	4.3	-3.8	-2.6	2	J
7	461	8.7	195	J	7.4	-30	317	4.6	-3.3	-4.5	2	J
8	479	8.3	139	J	5.7	-50	29	2.4	1.9	-2.9	4	J
9	475	7.8	156	J	5.3	-28	338	3.7	-1.1	-2.3	3	J
10	487	8.7	163	J	5.2	-40	338	3.3	-0.9	-3.2	2	J
11	471	0.0	0	H								
12	460	0.0	0	H								
13	471	8.0	85	J	4.6	5	294	1.5	-3.3	-0.1	3	J
14	491	7.3	80	J	5.3	-24	234	-2.6	-3.2	-2.5	3	J
15	487	7.1	97	J	5.6	20	347	4.9	-1.5	1.5	2	J
16	485	0.0	0	H	6.9	36	342	4.8	-2.5	3.2	3	J
17	482	8.4	101	J	6.7	25	26	4.9	1.5	3.2	3	J
18	483	7.2	100	J	6.4	31	6	5.1	-0.6	3.1	2	J
19	493	7.1	102	J	5.8	5	328	4.4	-2.7	-0.7	2	J
20	493	6.4	103	J	6.4	8	314	4.3	-4.3	-1.2	2	J
21	482	6.4	113	J	6.8	10	323	5.3	-4.0	-0.9	1	J
22	478	8.5	132	J	5.4	7	319	4.0	-3.3	-1.2	1	J
23	466	7.4	98	J	6.0	10	330	5.0	-3.0	-0.6	1	J
24	467	7.0	85	J	5.8	-1	354	4.9	-0.4	-0.3	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 30, 1977							120
1	490	9.4	113	J	4.1	-6	14	3.3	0.9	0.1	2	J
2	484	9.5	107	J	3.7	-15	340	2.4	-0.5	-1.0	3	J
3	474	9.6	142	J	3.6	-1	344	3.2	-0.6	-0.4	2	J
4	465	9.4	86	J	4.0	-37	24	2.0	1.4	-1.2	3	J
5	467	7.7	82	J	4.6	2	214	-2.8	-1.8	-0.5	3	J
6	455	6.6	75	J	4.3	16	220	-2.6	-2.3	0.3	2	J
7	455	5.8	81	J	5.1	14	241	-1.7	-3.2	0.2	4	J
8	454	5.6	91	J	4.5	7	284	1.0	-3.9	-0.2	2	J
9	431	8.1	102	J	3.3	-2	23	2.2	0.9	0.1	2	J
10	417	10.0	36	J	3.3	7	348	2.7	-0.6	0.3	2	J
11	411	9.9	27	J	3.5	14	352	3.3	-0.6	0.8	1	J
12	403	9.5	35	J	2.9	-19	328	2.0	-1.1	-1.0	2	J
13	403	8.3	52	J	3.1	6	349	2.7	-0.6	0.2	1	J
14	413	0.0	0	H	3.5	-24	328	2.6	-1.4	-1.6	1	J
15	414	9.7	46	J	2.9	-8	340	2.6	-0.8	-0.6	1	J
16	413	10.4	39	J	3.7	30	346	2.9	-1.1	1.5	2	J
17	407	9.3	41	J	4.8	52	324	2.3	-2.7	2.9	1	J
18	401	8.8	48	J	4.7	29	310	2.5	-3.5	0.9	1	J
19	404	9.5	36	J	4.9	38	275	0.3	-4.5	1.1	2	J
20	406	9.0	42	J	5.6	10	237	-2.6	-3.9	-1.0	3	J
21	407	9.6	48	J	5.4	-15	230	-3.0	-2.6	-2.9	2	J
22	413	9.4	52	J	4.8	-28	210	-3.3	-0.6	-2.7	2	J
23	420	8.8	55	J	5.7	-31	197	-3.9	0.2	-2.7	3	J
24	425	7.2	82	J	5.6	-2	286	1.1	-3.3	-2.0	4	J

05/01/77 - 05/10/77

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					MAY 1, 1977							121					MAY 2, 1977							122
1	425	7.3	101	J	5.3	-4	302	2.6	-3.6	-2.3	2	J												
2	431	8.6	100	J	4.6	12	322	3.5	-2.8	-0.4	1	J												
3	429	7.5	100	J	4.5	3	320	3.4	-2.7	-0.9	1	J												
4	419	7.1	90	J	4.9	4	339	4.5	-1.7	-0.3	1	J												
5	431	9.5	128	J	4.4	13	298	1.6	-3.2	-0.2	3	J												
6	445	7.4	79	J	6.3	20	335	5.2	-2.9	1.4	2	J												
7	433	8.5	86	J	6.0	15	343	5.2	-1.9	1.1	2	J												
8	419	9.9	93	J	5.4	11	336	4.5	-2.1	0.6	2	J												
9	416	10.0	67	J	5.4	15	330	0.4	-0.8	0.1	5	J												
10	413	10.0	61	J	5.0	1	189	-3.0	-0.5	-0.0	4	J												
11	406	9.1	70	J	3.8	31	340	2.8	-1.2	1.7	2	J												
12	418	9.1	92	J	3.9	-4	212	-1.3	-0.8	-0.2	4	J	529	0.0	0	H								
13	420	9.7	78	J	2.8	-6	237	-1.1	-1.6	-0.4	2	J	500	0.0	0	H								
14	412	9.4	62	J	3.2	38	220	-1.3	-1.3	1.1	2	J	499	0.0	0	H								
15	419	8.6	72	J	4.1	41	235	-1.4	-2.0	1.5	3	J	457	0.0	0	H								
16	406	12.8	131	J	3.6	-1	237	-1.0	-1.5	-0.4	3	J	458	0.0	0	H								
17	414	7.9	86	J	4.2	-32	227	-1.5	-1.1	-1.8	3	J	450	0.0	0	H								
18	440	10.4	112	J	4.1	6	334	1.3	-0.7	-0.1	4	J	473	0.0	0	H								
19	446	11.9	119	J	5.4	21	291	1.1	-3.9	-0.1	4	J	452	0.0	0	H								
20	458	13.1	117	J	6.9	-29	228	-3.6	-2.2	-4.4	3	J	462	0.0	0	H								
21	461	0.0	0	H									479	0.0	0	H								
22													465	0.0	0	H								
23																								
24																								
					MAY 3, 1977							123					MAY 4, 1977							124
1																								
2	439	0.0	0	H									347	0.0	0	H								
3	437	0.0	0	H									359	0.0	0	H								
4	475	0.0	0	H									351	0.0	0	H								
5	490	0.0	0	H																				
6	411	0.0	0	H									373	0.0	0	H								
7	396	0.0	0	H									370	0.0	0	H								
8	437	0.0	0	H									376	0.0	0	H								
9													395	0.0	0	H								
10	425	0.0	0	H									394	0.0	0	H								
11	468	0.0	0	H									386	0.0	0	H								
12													392	0.0	0	H								
13													377	0.0	0	H								
14																								
15																								
16	535	0.0	0	H									409	0.0	0	H								
17	393	0.0	0	H									414	0.0	0	H								
18	429	0.0	0	H																				
19	367	0.0	0	H																				
20	369	0.0	0	H																				
21	363	0.0	0	H																				
22	356	0.0	0	H																				
23	337	0.0	0	H																				
24	350	0.0	0	H																				
					MAY 7, 1977							127					MAY 8, 1977							128
1													353	6.6	43	J	4.4	7	319	3.0	-2.5	-3.7	1	J
2													347	6.6	43	J	4.4	2	317	2.9	-2.5	-1.0	2	J
3													348	6.6	40	J	4.5	-5	319	3.0	-2.3	-1.3	2	J
4													338	7.0	31	J	4.6	14	316	3.0	-3.1	0.0	1	J
5													337	7.0	31	J	4.2	20	318	2.9	-2.9	0.6	1	J
6	414	6.2	49	J	3.6	-25	29	2.6	1.7	-1.0	1	J	336	7.3	30	J	3.9	5	317	2.5	-2.3	-0.3	2	J
7	413	6.1	45	J	3.6	-42	337	2.2	-0.5	-2.3	2	J	338	7.7	24	J	3.5	12	312	2.0	-2.3	0.2	2	J
8	432	6.8	52	J	3.9	-15	345	3.4	-0.7	-1.1	1	J	340	9.7	19	J	2.8	32	290	0.8	-2.3	1.1	1	J
9	396	7.4	59	J									335	10.6	14	J	2.5	13	290	0.8	-2.2	0.3	1	J
10	389	5.0	56	J	3.4	12	337	2.4	-1.1	0.5	2	J	333	10.7	13	J	2.5	3	295	0.9	-2.0	-0.1	1	J
11	399	5.9	47	J	3.1	-53	309	1.1	-1.2	-2.4	1	J	333	11.7	14	J	2.8	-5	320	1.8	-1.5	-0.3	1	J
12	393	5.4	57	J	3.6	25	332	2.5	-1.4	1.2	2	J	333	12.5	16	J	2.9	-9	323	2.0	-1.5	-0.5	2	J
13	389	5.1	52	J									335	13.3	15	J	2.9	5	304	1.4	-2.2	0.0	1	J
14	392	4.9	44	J	3.1	54	298	0.7	-1.5	1.8	2	J	337	14.3	15	J	2.7	-13	298	0.9	-1.7	-0.7	2	J
15	389	5.1	40	J	3.2	58	282	0.3	-1.9	2.2	1	J	335	14.9	13	J	2.8	12	284	0.6	-2.5	0.1	1	J
16	383	5.7	44	J	3.3	24	292	0.9	-2.4	0.5	2	J	335	16.5	15	J	3.2	-6	314	1.9	-1.8	-0.7	2	J
17	375	5.6	44	J	3.9	-1	310	2.1	-2.4	-0.6	2	J	332	16.3	15	J	2.7	-32	354	2.3	0.2	-1.4	0	J
18	374	6.1	48	J	4.0	3	313	2.2	-2.3	-0.6	2	J	335	13.0	13	J	4.1	-44	26	2.7	2.2	-2.3	0	J
19	368	6.7	43	J	4.3	16	307	2.1	-3.0	-0.1	2	J	336	12.8	14	J	4.0	-43	21	2.7	2.0	-2.1	0	J
20	372	7.2	41	J	4.8	19	298	2.0	-3.9	-0.3	2	J	332	13.8	14	J	3.5	-41	21	2.5	1.8	-1.7	0	J
21	371	7.5	38	J	5.2	-2	288	1.5	-4.0	-2.2	2	J	323	13.0	16	J	2.9	-38	45	1.6	2.2	-0.9	0	J
22	372	7.2	34	J	4.2	-27	302	1.8	-1.7	-2.9	2	J	326	13.9	16	J	2.4	-26	30	1.8	1.4	-0.4	1	J
23	367	6.5	34	J	4.0	-7	294	1.4	-2.6	-1.9	2	J	325	12.7	16	J	2.5	-23	29	1.9	1.3	-0.3	1	J
24	364	6.9	39	J	4.5	-1	297	1.8	-3.0	-1.7	2	J	325	13.8	19	J	2.7	-58	21	1.3	1.5	-1.7	1	J
					MAY 9, 1977							129					MAY 10, 1977							130
1	333	18.0	22	J	3.5	-56	32	1.6	2.1	-2.0	1	J	328	17.0	32	J	3.4	-21	103	-0.6	2.9	0.2	2	J
2	335	16.8	23	J	3.7	-61	34	1.5	2.3	-2.5	1	J	330	13.2	27	J	5.9	-27	126	-2.3	3.7	-0.5	4	J
3	335	18.6	22	J	3.3	-50	40	1.5	2.1	-1.7	1	J	329	12.8	23	J	6.9	1	124	-3.8	5.2	2.2	1	J
4	332	19.7	19	J	3.3	-52	13	1.8	1.2	-2.1	2	J	325	14.2	24	J	6.3	8	116	-2.7	5.0	2.7	1	J
5	328	13.9	19	J	6.1	-32	96	-0.5	5.5	-1.5	2	J	326	13.6	19	J	7.0	2	120	-3.5	5.8	1.9	1	J
6	323	11.8	21	J	5.6	-4	111	-1.9	5.0	0.8	1	J	330	16.3	19	J	7.4	3	106	-2.3	6.6	1.9	2	J
7	325	14.2	30	J	3.4	39	168	-2.1	0.1	1.8	2	J	334	14.9	30	J	7.4	-69	75	0.4	2.1	-3.5	6	J
8	334	12.3	27	J	3.7	-55	179	-1.5	0.3	-2.2	2	J	336	10.3	26	J	8.3	-79	330	1.3	0.3	-8.0	2	J
9	337	11.8	29	J	4.1	-49	139	-1.9	1.9	-2.7	2	J	337	11.5	28	J	7.8	-65	57	1.8	3.4	-6.7	2	J
10	339	12.6	30	J	4.1	-68	112	-0.6	1.7	-3.6	1	J	339	11.3	41	J	8.1	-65	84	0.4	4.0	-7.1	1	J
11	335	16.3	20	J	3.2	-82	194	-0.3	0.1	-2.5	2	J	336	10.8	29	J	7.8	-34	99	-1.0	6.4	-3.8	2	J
12	338	21.0	16	J	3.4	-49	62	0.9	1.9	-2.1	1	J	336	12.0	25	J	7.5	-40	73	1.5	5.2	-4.0	3	J
13	334	22.6	14	J	3.0	-37	21	1.3	0.6	-1.0	2	J	330	11.6	23	J	6.9	-8	71	2.1	6.0	-0.4	2	J
14	333	20.3	18	J	3.7	-7	24	1.9	0.9	-0.2	3	J	335	12.4	20	J	6.3	-34	102	-1.1	5.3	-2.8	1	J
15	340	16.6	25	J	3.9	-55	11	1.2	0.5	-1.7	3	J	331	14.8	17	J	5.9	-27	109	-1.6	5.1	-1.8	2	J
16	344	14.2	25	J	4.4	-71	256	-0.3	-0.4	-4.1	2	J	323	18.1	25	J	4.4	17	86	0.2	2.4	1.4	4	J
17	336	13.2	18	J	4.9	-66	79	0.4	3.0	-3.6	2	J	320	16.7	30	J	4.6	8	32	3.0	1.7	1.0	3	J
18	335	12.9	26	J	3.5	-44	45	1.6	2.2	-1.5	2	J	326	17.7	32	J	3.7	-65	69	0.5	2.2	-2.4	2	J
19	332	14.2	28	J	2.5	-26	33	1.7	1.4	-0.5	1	J	325	16.8	27	J	4.5	-64	123	-0.7	2.0	-2.0	4	J
20	326	14.5	29	J	2.9	-22	32	1.7	1.3	-0.3	2	J	332	17.1	26	J	5.7	-23	133	-3.2	3.9	-0.4	3	J
21	323	15.2	31	J	2.5	-4	11	2.3	0.5	0.1	1	J	328	15.6	31	J	5.8	-78	14	1.0	2.4	-4.3	3	J
22	325	14.5	30	J	2.9	-65	291	0.3	0.2	-2.2	2	J	337	15.9	31	J	6.0	-55	163	-3.2	3.1	-3.8	1	J
23	329	15.2	31	J	3.8	-32	78	0.5	2.6	-0.2	3	J	331	16.1	27	J	6.3	-67	125	-1.4	4.4	-4.1	1	J
24	329	16.8	32	J	4.3	-17	83	0.5	4.0	0.7	1	J	327	17.2	28	J	5.9	-69	98	-0.3	4.2	-3.8	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAY 11, 1977							131					MAY 12, 1977							132
1	322	18.1	26	J	5.9	-49	83	0.5	5.2	-2.3	2	J	338	20.8	28	J	12.7	-24	78	2.4	12.2	0.2	3	J
2	329	19.3	23	J	5.9	-21	112	-2.0	5.4	0.1	1	J	335	28.9	33	J	12.6	6	68	4.5	9.7	5.6	4	J
3	337	21.7	26	J	6.0	3	145	-4.9	3.2	1.3	1	J	359	34.6	84	J	11.3	-20	71	2.2	6.8	3.0	9	J
4	324	24.9	35	J	3.2	6	78	0.4	1.9	0.9	3	J	380	35.1	91	J	14.7	-43	288	0.7	-1.3	-2.6	14	J
5	337	28.1	34	J	5.3	-20	107	-1.2	4.1	-0.4	3	J	370	12.5	162	J	15.7	-38	272	0.4	-9.2	-12.4	3	J
6	337	32.2	36	J	7.1	-49	313	1.7	-1.1	-3.2	6	J	380	12.7	89	J	13.3	-36	274	0.7	-8.3	-9.3	5	J
7	339	21.8	33	J	11.6	-43	119	-3.5	7.4	-5.6	6	J	415	11.9	161	J	9.2	-46	259	-1.2	-4.9	-7.2	3	J
8	336	19.4	32	J	11.5	-48	115	-3.2	7.9	-7.4	2	J	445	7.5	161	J	9.8	-5	313	6.5	-0.8	-1.7	2	J
9	337	21.3	31	J	10.9	-59	121	-3.6	6.7	-7.7	2	J	399	9.3	77	J	10.5	-5	312	6.8	-7.4	-1.6	3	J
10	336	28.4	44	J	8.0	-50	112	-1.9	5.0	-5.6	3	J	389	13.9	72	J	9.6	-18	303	4.5	-6.7	-3.1	4	J
11	337	28.6	41	J	8.3	23	97	-0.9	6.9	3.5	3	J	371	13.1	61	J	8.4	-18	305	4.4	-6.2	-2.8	2	J
12	329	28.0	39	J	8.3	-37	86	0.4	6.2	-4.1	4	J	395	12.0	81	J	7.8	14	3	5.7	0.2	1.4	5	J
13	334	0.0	0	H									392	12.1	63	J	7.0	19	30	5.6	3.0	2.4	2	J
14	333	30.6	41	J	8.6	-58	140	-3.5	3.7	-6.9	2	J	440	6.1	157	J	6.0	18	20	4.4	1.4	1.7	4	J
15	335	30.9	43	J	9.1	-57	138	-3.3	4.0	-6.3	4	J	444	5.5	108	J	5.3	18	316	3.6	-3.6	1.1	1	J
16	335	27.6	32	J	11.6	-79	220	-1.6	0.9	-10.9	3	J	450	5.0	107	J	4.5	6	330	3.8	-2.2	0.0	1	J
17	338	33.9	35	J	10.7	-68	149	-3.2	4.2	-8.4	4	J	449	4.5	96	J	4.0	-11	336	3.6	-1.4	-1.1	1	J
18	334	26.8	30	J	11.6	-67	137	-3.1	6.0	-8.7	4	J	444	4.8	91	J	3.0	0	320	2.3	-1.8	-0.6	1	J
19	335	21.1	22	J	12.4	-81	126	-1.1	5.7	-10.4	3	J	441	5.0	100	J	2.8	-3	338	2.3	-0.8	-0.5	1	J
20	338	20.0	21	J	12.0	-63	93	-0.3	9.0	-7.3	3	J	434	4.7	99	J	3.1	-9	26	2.4	1.2	0.1	2	J
21	332	25.0	26	J	10.1	-79	13	1.8	4.5	-8.3	3	J	426	4.8	89	J	2.5	-44	37	1.1	1.4	-0.9	2	J
22	334	22.6	25	J	10.3	-48	77	1.5	9.3	-3.7	2	J	418	4.6	77	J	2.8	-23	17	2.0	1.0	-0.5	2	J
23	328	20.6	22	J	10.5	-32	75	2.3	10.0	-1.0	2	J	394	5.3	46	J	3.8	-5	31	3.1	1.8	0.6	1	J
24	331	24.4	26	J	10.4	-5	79	1.9	9.2	3.7	3	J	392	5.9	44	J	3.9	3	33	2.9	1.6	1.0	2	J
					MAY 13, 1977							133					MAY 14, 1977							134
1	392	4.6	47	J	3.5	9	21	2.5	0.7	0.8	2	J	395	14.2	33	J								
2	388	5.2	52	J	2.6	41	52	0.6	0.4	1.1	2	J	360	29.8	34	J								
3	387	5.5	54	J	2.6	-21	222	-0.6	-0.4	-0.4	3	J	358	31.9	34	J								
4	384	5.7	54	J	2.5	-14	147	-1.8	1.3	-0.1	1	J	360	32.2	34	J								
5	389	6.2	48	J	3.2	-37	154	-1.9	1.3	-1.3	2	J	356	31.3	33	J								
6	381	6.3	54	J	3.6	7	92	-0.1	2.7	1.0	2	J	351	27.4	41	J								
7	378	6.0	45	J	2.7	6	73	0.7	2.3	0.6	1	J	352	16.8	44	J	9.5	35	17	7.3	1.4	5.6	2	J
8	374	5.5	36	J	3.1	-19	63	0.5	1.1	-0.3	3	J	341	22.5	35	J	6.1	-16	317	3.4	-3.0	-1.7	4	J
9	367	6.8	29	J	3.1	-27	17	2.4	0.8	-1.2	1	J	344	18.4	44	J	6.0	4	323	1.8	-1.3	0.0	6	J
10	368	5.5	26	J	4.3	-49	348	2.7	-0.4	-3.2	1	J	341	13.8	45	J	6.6	-10	35	5.0	3.6	-0.9	2	J
11	364	6.6	32	J	3.3	-40	353	2.4	-0.2	-2.0	1	J	334	13.2	36	J	5.9	-1	34	4.5	3.0	0.0	2	J
12	356	7.3	47	J	3.3	19	341	2.7	-1.0	0.9	1	J	333	13.1	31	J	5.3	1	40	3.4	2.9	0.2	2	J
13	350	6.4	36	J	3.9	29	346	2.9	-0.8	1.6	2	J	325	14.7	30	J	5.3	18	61	2.1	3.7	1.7	2	J
14	350	6.9	42	J	3.7	39	9	2.8	0.2	2.3	1	J	336	14.2	23	J	5.1	14	279	0.6	-3.8	0.6	3	J
15	350	7.3	38	J	3.4	56	351	1.6	-0.7	2.7	1	J	342	15.1	29	J	5.3	10	297	2.3	-4.6	0.3	1	J
16					3.4	61	346	1.6	-1.0	2.8	1	J	334	16.1	31	J								
17					3.3	59	355	1.6	-0.8	2.5	1	J	330	15.8	33	J								
18	343	7.8	35	J	3.3	-24	309	1.9	-1.8	-2.0	1	J	328	0.0	0	H								
19	343	8.5	27	J	4.0	-33	307	2.0	-1.7	-2.9	1	J	346	0.0	0	H								
20	352	9.2	22	J	5.2	-59	299	1.3	-0.4	-4.9	1	J	362	0.0	0	H								
21	357	9.8	25	J	5.6	-82	31	0.6	2.6	-4.7	1	J	363	0.0	0	H								
22	381	13.3	33	J	6.7	-58	133	-2.2	4.5	-3.6	3	J	373	0.0	0	H								
23	390	12.2	36	J	6.5	-48	110	-1.5	5.7	-2.4	1	J	371	0.0	0	H								
24	392	11.7	32	J	6.5	-37	116	-2.2	5.7	-1.4	2	J	374	0.0	0	H								
					MAY 15, 1977							135					MAY 16, 1977							136
1	389	0.0	0	H									442	0.0	0	H								
2	381	0.0	0	H									462	0.0	0	H								
3	387	0.0	0	H									515	0.0	0	H								
4	383	0.0	0	H									534	0.0	0	H								
5	404	0.0	0	H									540	0.0	0	H								
6	413	0.0	0	H									546	0.0	0	H								
7	426	0.0	0	H									528	0.0	0	H								
8	419	0.0	0	H									524	0.0	0	H								
9	469	0.0	0	H									520	0.0	0	H								
10	495	0.0	0	H									521	0.0	0	H								
11	511	0.0	0	H									518	0.0	0	H								
12	552	0.0	0	H									550	0.0	0	H								
13	571	0.0	0	H									528	0.0	0	H								
14													524	0.0	0	H								
15	530	0.0	0	H									549	0.0	0	H								
16	545	0.0	0	H									529	0.0	0	H								
17	519	0.0	0	H									547	0.0	0	H								
18	512	0.0	0	H									561	0.0	0	H								
19	503	0.0	0	H									549	0.0	0	H								
20	512	0.0	0	H									572	0.0	0	H								
21	507	0.0	0	H									569	0.0	0	H								
22	465	0.0	0	H									587	0.0	0	H								
23	455	0.0	0	H									576	0.0	0	H								
24	452	0.0	0	H									585	0.0	0	H								
					MAY 17, 1977							137					MAY 18, 1977							138
1	570	0.0	0	H									517	0.0	0	H								
2	604	0.0	0	H									517	0.0	0	H								
3	572	0.0	0	H									514	0.0	0	H								
4	562	0.0	0	H									516	0.0	0	H								
5	565	0.0	0	H									521	0.0	0	H								
6	542	0.0	0	H									520	0.0	0	H								
7	529	0.0	0	H									519	0.0	0	H								
8	544	0.0	0	H									522	0.0	0	H								
9	531	0.0	0	H									523	0.0	0	H								
10	534	0.0	0	H									539	0.0	0	H								
11	502	0.0	0	H									516	0.0	0	H								
12	557	0.0	0	H									523	0.0	0	H								
13	579	0.0	0	H																				
14	564	0.0	0	H																				
15	556	0.0	0	H																				
16	547	0.0	0	H									484	0.0	0	H								
17	540	0.0	0	H																				
18	538	0.0	0	H																				
19	535	0.0	0	H									470	0.0	0	H								
20	501	0.0	0	H									459	0.0	0	H								
21	527	0.0	0	H									463	0.0	0	H								
22	527	0.0	0	H									448	0.0	0	H								
23	534	0.0	0	H									450	0.0	0	H								
24	524	0.0	0	H									440	0.0	0	H								

MAY 19, 1977 139

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	373	7.9	50	J								
24	373	7.9	43	J								

MAY 20, 1977 140

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
377	7.3	44	J	5.0	4	301	2.1	-3.3	-1.1	3	J
378	8.1	47	J	4.9	34	325	3.1	-3.0	1.6	2	J
381	7.5	39	J	4.9	-45	315	2.3	-1.2	-3.9	1	J
372	7.4	30	J	4.7	-34	343	3.5	-0.4	-2.7	1	J
370	7.8	31	J	5.0	-30	344	4.0	-0.6	-2.6	1	J
362	7.7	33	J	5.5	-13	355	5.0	-0.2	-1.2	2	J
384	9.3	40	J	5.8	-15	252	-0.8	-2.4	-1.0	5	J
392	9.7	33	J	5.5	-10	243	-2.3	-4.5	-1.3	2	J
356	7.6	39	J	5.2	8	316	3.1	-3.1	0.5	3	J
364	8.1	33	J	5.7	16	307	3.0	-4.0	1.4	2	J
375	9.2	28	J	5.2	-8	287	1.3	-4.2	-0.6	3	J
386	10.1	25	J	4.9	-10	256	-1.1	-4.6	-0.9	1	J
381	10.5	24	J	5.4	-8	267	-0.3	-4.8	-0.8	2	J
394	12.2	30	J	5.8	-10	247	-2.1	-4.8	-1.2	2	J
387	13.9	37	J	7.2	-1	291	2.2	-5.7	-0.7	4	J
396	14.7	39	J	7.8	-3	288	1.6	-4.7	-1.0	6	J
398	15.8	39	J	7.1	-37	289	1.1	-2.7	-3.3	6	J
397	16.2	53	J	7.0	-74	30	1.5	2.4	-5.5	3	J
397	15.6	59	J	6.2	-38	282	0.6	-2.0	-3.2	5	J
405	22.9	50	J	4.7	-32	196	-1.5	-0.0	-1.0	5	J
397	28.9	37	J	3.0	20	3	2.4	-0.2	0.9	2	J
384	20.3	35	J	5.3	-31	62	2.1	4.6	-0.8	2	J
379	17.2	33	J	4.1	-22	93	-0.2	3.8	0.2	2	J
371	10.0	29	J	5.4	-14	118	-2.4	4.7	0.7	1	J

MAY 21, 1977 141

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	365	12.5	31	J	4.8	-6	166	-4.4	1.2	-0.0	1	J
2	366	9.2	39	J	4.3	-5	162	-3.9	1.3	0.1	1	J
3	359	8.5	44	J	5.5	2	133	-3.5	3.6	1.4	2	J
4	357	7.9	37	J	5.5	10	112	-2.0	4.4	2.2	1	J
5	353	7.8	36	J	5.3	13	107	-1.5	4.4	2.1	1	J
6												
7	367	8.8	32	J	4.3	-5	113	-1.6	3.9	0.1	1	J
8	370	9.1	29	J	3.9	12	103	-0.8	3.3	1.0	2	J
9	362	8.0	40	J	3.2	8	145	-2.0	1.4	0.4	2	J
10	357	7.1	39	J	3.9	-5	141	-2.9	2.3	-0.3	1	J
11	361	7.8	35	J	4.0	11	128	-2.2	2.9	0.7	2	J
12	360	7.4	33	J	3.9	22	128	-2.1	1.6	1.4	1	J
13	356	6.7	31	J	4.2	23	132	-2.4	2.6	1.6	1	J
14	354	6.6	37	J	4.1	10	134	-2.6	2.7	0.8	1	J
15	369	8.6	24	J	3.6	16	84	0.3	2.9	1.1	2	J
16	373	10.8	25	J	4.7	6	90	0.0	4.4	1.1	2	J
17	367	11.7	46	J								
18	358	11.3	62	J								
19	354	10.4	65	J	6.2	-5	146	-5.0	3.3	0.6	1	J
20	354	11.5	51	J	7.0	7	140	-5.2	3.8	2.3	2	J
21	354	11.9	49	J	7.2	14	139	-5.1	3.4	3.3	2	J
22	363	13.1	41	J	6.8	11	137	-4.6	3.4	2.9	2	J
23	367	22.0	20	J	3.0	4	103	-0.6	2.4	1.3	1	J
24	366	21.4	40	J	6.2	20	135	-3.6	2.7	3.3	2	J

MAY 22, 1977 142

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
362	18.1	64	J	7.1	20	157	-5.4	1.3	2.8	4	J
366	15.7	52	J	8.8	25	170	-7.4	0.0	3.7	3	J
380	17.1	47	J	10.2	18	133	-6.4	5.6	5.0	3	J
420	14.4	79	J	10.6	24	143	-7.6	4.4	5.6	2	J
396	20.1	76	J	10.2	-10	125	-2.5	3.6	0.0	9	J
427	13.4	66	J	9.3	-25	30	6.4	4.2	-2.8	5	J
456	5.2	217	J	8.4	0	76	1.5	6.1	0.7	6	J
				4.8	20	148	-3.5	2.1	1.6	2	J
430	3.7	183	J	6.6	3	72	1.7	5.2	0.4	4	J
466	4.6	129	J	7.2	3	86	0.5	7.0	0.4	1	J
444	5.5	129	J	6.6	4	106	-1.8	6.1	0.4	1	J
416	4.1	101	J	6.3	-1	86	0.4	5.9	-0.1	2	J
420	2.9	86	J	6.1	-5	68	2.2	5.5	-0.5	2	J
430	2.9	118	J	5.3	5	91	-0.1	5.0	0.6	2	J
444	3.0	86	J	6.4	3	80	1.0	5.9	0.8	2	J
458	4.4	110	J	5.4	22	145	-3.9	2.4	2.3	2	J
449	4.1	113	J	5.6	6	157	-4.9	1.9	1.0	1	J
447	4.1	114	J	6.4	8	162	-5.9	1.6	1.3	1	J
462	4.5	115	J	6.2	9	144	-4.8	3.0	2.0	2	J
455	4.1	82	J	6.5	13	145	-4.9	2.8	2.5	2	J
460	4.9	88	J	7.0	7	114	-2.6	5.1	3.0	3	J
447	4.7	76	J	7.8	6	122	-4.1	5.7	3.4	1	J

MAY 23, 1977 143

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	415	12.6	46	J	5.6	-48	85	0.3	4.0	-1.5	4	J
2	414	11.8	68	J	5.7	19	128	-3.0	3.1	2.9	2	J
3	427	13.0	166	J	5.4	-3	158	-3.9	1.6	0.3	4	J
4	435	8.7	171	J	7.4	20	125	-3.7	4.5	3.6	3	J
5	431	9.9	132	J	8.5	-2	124	-4.6	6.8	1.1	2	J
6	423	9.1	129	J	8.0	27	141	-5.3	3.7	4.1	2	J
7	396	11.1	101	J	6.7	25	148	-5.0	2.8	3.1	2	J
8	391	10.4	89	J	7.5	8	147	-6.1	3.9	1.3	1	J
9	390	11.0	88	J	7.6	21	155	-5.8	2.7	2.5	3	J
10												
11	391	9.2	77	J	7.1	-9	126	-4.1	5.6	-1.2	1	J
12	379	8.8	97	J	6.3	1	153	-5.5	2.8	0.1	1	J
13	376	7.8	62	J	6.1	11	163	-5.7	1.7	1.2	0	J
14	392	8.7	70	J	6.2	34	155	-3.1	1.4	2.3	5	J
15	433	6.1	70	J	7.4	-37	110	-1.9	5.6	-3.8	2	J
16	430	5.3	91	J	7.1	-8	136	-4.6	4.6	-0.3	3	J
17	455	5.4	82	J	6.9	14	155	-5.9	2.4	2.1	2	J
18	460	6.0	97	J	6.0	-1	149	-4.5	2.6	0.6	3	J
19	474	6.5	132	J	6.5	-17	115	-2.5	5.7	-0.1	2	J
20	482	6.5	137	J	6.4	-10	105	-1.5	5.7	1.0	2	J
21	457	6.2	106	J	6.5	-1	133	-4.1	4.1	1.6	3	J
22	477	6.8	133	J	7.0	-14	108	-1.9	6.1	0.9	3	J
23	478	6.3	136	J	7.7	-23	103	-1.6	7.2	0.4	2	J
24	466	6.6	127	J	7.7	-14	109	-2.3	6.9	1.0	2	J

MAY 24, 1977 144

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
443	7.5	122	J	7.3	9	168	-6.1	0.8	1.4	4	J
450	7.1	108	J	7.5	-19	140	-5.2	4.9	-0.7	2	J
451	6.7	115	J	7.6	-12	123	-3.8	6.1	0.3	2	J
493	7.6	118	J	7.8	-16	69	2.4	6.5	-0.3	4	J
450	7.8	138	J	7.8	8	118	-2.7	4.9	1.8	5	J
455	8.1	177	J	7.6	17	126	-3.9	5.0	2.8	3	J
474	7.3	144	J	8.9	0	108	-2.5	7.8	0.8	3	J
497	7.5	127	J	8.6	3	102	-1.5	6.8	0.7	5	J
495	7.7	146	J	7.6	15	122	-2.9	4.6	1.6	5	J
484	7.6	144	J	7.7	33	191	-6.0	-1.1	4.0	3	J
487	7.3	123	J	7.5	28	172	-5.9	0.9	3.1	3	J
502	8.5	150	J	6.4	32	178	-3.1	0.1	2.0	5	J
499	7.2	116	J	5.5	24	193	-4.4	-1.0	2.0	3	J
498	7.1	88	J	5.2	9	164	-4.7	1.3	0.8	2	J
509	7.3	109	J	5.3	35	124	-2.1	2.9	2.9	2	J
525	8.1	150	J	5.3	36	93	-0.2	3.3	3.2	3	J
516	7.5	122	J	4.7	-10	117	-1.3	2.5	-0.0	4	J
512	7.5	106	J	4.5	-45	133	-2.0	2.6	-2.3	2	J
504	7.9	103	J	4.8	-3	154	-2.9	1.4	0.3	3	J
510	8.4	108	J	4.7	-20	96	-0.4	4.1	-0.0	2	J
499	8.6	117	J	4.3	-26	141	-2.4	2.4	-0.7	3	J
493	8.6	115	J	4.9	7	132	-3.1	3.0	1.9	1	J
488	9.3	110	J	5.1	10	163	-4.4	0.9	1.3	2	J
503	10.6	114	J	6.4	17	149	-3.4	1.4	1.9	5	J

MAY 25, 1977 145

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	533	8.6	126	J	6.9	-4	59	3.4	5.4	1.6	2	J
2	517	7.6	124	J	6.5	-6	81	0.8	5.0	1.2	4	J
3	498	5.1	98	J	7.5	29	158	-4.9	1.0	3.4	4	J
4	528	4.3	111	J	7.7	-1	91	-0.1	6.9	1.6	3	J
5	522	4.0	110	J	7.7	13	112	-2.8	6.4	3.0	1	J
6	503	4.1	94	J	7.5	27	134	-4.5	4.1	3.9	2	J
7	541	3.6	85	J	7.8	-12	50	2.0	2.4	-0.4	7	J
8	559	2.5	82	J	7.7	0	25	6.7	3.1	0.1	2	J
9	503	2.2	57	J	7.6	28	70	2.2	6.1	3.5	2	J
10	563	3.1	87	J	7.2	19	37	5.3	4.0	2.2	1	J
11	538	2.7	81	J	7.0	12	59	2.5	4.2	0.9	5	J
12	525	4.6	98	J	7.2	33	117	-2.4	4.9	3.4	3	J
13	517	5.4	96	J	6.0	25	99	-0.8	5.1	2.4	2	J
14	510	4.4	86	J	6.1	-12	92	-0.2	5.2	-1.0	3	J
15	532	2.9	70	J	6.7	-3	70	2.3	6.3	0.1	1	J
16	546	3.2	63	J	6.7	-6	58	3.5	5.6	-0.0	1	J
17	550	3.0	45	J	6.7	27	52	3.6	4.0	3.7	1	J
18	537	2.2	42	J	6.1	27	84	0.6	4.5	3.9	1	J
19	530	3.1	48	J	5.9	22	87	0.3	4.5	3.6	1	J
20	515	3.6	46	J	5.8	28	95	-0.4	3.8	4.1	1	J
21	513	3.9	48	J	5.6	29	96	-0.5	3.4	4.2	1	J
22	499	3.5	34	J	5.6	42	104	-1.0	2.2	4.7	2	J
23	505	3.4	46	J	5.1	57	85	0.2	0.8	4.2	3	J
24	490	2.9	52	J	5.1	26	123	-2.3	2.5	3.2	2	J

MAY 26, 1977 146

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
485	3.2	55	J	5.2	24	130	-2.9	2.5	3.1	1	J
484	0.0	0	H								
472	0.0	0	H								
446	4.2	24	J	5.3	10	178	-5.1	-0.0	0.9	1	J
448	4.0	27	J	5.5	30	163	-4.4	0.8	2.9	2	J
461	4.0	38	J	5.4	34	125	-2.5	3.2	3.4	1	J
460	4.0	38	J	5.3	29	119	-2.2	3.7	2.9	1	J
445	3.1	22	J	5.3	27	132	-3.1	3.3	2.5	1	J
439	2.8	23	J	5.2	28	131	-3.0	3.4	2.4	1	J
421	3.1	35	J	4.8	20	135	-3.1	3.2	1.5	1	J
420	2.7	35	J	4.6	21	127	-2.4	3.3	1.4	2	J
406	2.3	24	J	4.5	13	149	-3.7	2.2	0.9	1	J
404	2.4	26	J	4.5	15	149	-3.6	2.2	1.1	1	J
404	2.5	30	J								
411	3.0	40	J	4.0	12	114	-1.5	3.3	1.0	2	J
420	3.8	53	J	3.7	-8	90	0.0	3.1	-0.1	2	J
404	4.2	43	J	3.5	-2	99	-0.5	2.8	0.4	2	J
400	4.7	41	J	3.8	1	101	-0.5	2.6	0.7	3	J
400	4.8	64	J	3.8	-23	134	-1.9	2.2	-0.5	2	J
395	5.9	40	J	3.9	-17	93	-0.2	3.1	0.1	2	J
378	5.8	47	J	4.0	5	124	-1.7	2.2	1.4	3	J
369	5.5	41	J	4.2	-9	189	-3.7	-0.3	-0.8	2	J
372	5.8	45	J	4.4	8	178	-3.7	-0.1	0.5	2	J
375	4.5	58	J	4.1	4	186	-3.7	-0.5	0.1	2	J

MAY 27, 1977 — 147

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	389	5.0	56	J	4.0	36	143	-2.3	3.9	2.5	2	J
2	406	5.3	48	J	4.0	33	49	1.9	1.5	2.5	2	J
3	389	5.7	55	J	3.6	19	115	-1.0	1.8	1.3	3	J
4	386	6.3	49	J	3.8	14	114	-1.3	2.7	1.5	2	J
5	378	6.5	40	J	4.2	[illegible]	105	-0.9	3.2	1.6	2	J
6	375	6.6	43	J	3.5	-[illegible]	95	-0.1	2.9	-0.4	2	J
7	361	6.5	56	J								
8	349	6.9	52	J								
9	364	6.6	48	J								
10	361	6.0	22	J								
11	347	7.3	26	J								
12	373	6.7	25	J								
13	360	8.4	40	J								
14	348	8.6	37	J								
15	362	0.0	0	H								
16	349	0.0	0	H								
17	353	0.0	0	H								
18	337	0.0	0	H								
19	342	0.0	0	H								
20	342	0.0	0	H								
21												
22												
23	348	0.0	0	H								
24	350	0.0	0	H								

MAY 28, 1977 — 148

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	347	0.0	0	H								
2	346	0.0	0	H								
3	345	0.0	0	H								
4	340	0.0	0	H								
5	351	0.0	0	H								
6	348	0.0	0	H								
7	345	0.0	0	H								
8	342	0.0	0	H								
9	338	0.0	0	H								
10	349	0.0	0	H								
11	351	0.0	0	H								
12	363	0.0	0	H								
13	372	0.0	0	H								
14	373	0.0	0	H								
15	370	0.0	0	H								
16	370	0.0	0	H								
17	366	0.0	0	H								
18	377	0.0	0	H								
19	385	0.0	0	H								
20	383	0.0	0	H								
21	374	0.0	0	H								
22	372	0.0	0	H								
23	367	0.0	0	H								
24	366	0.0	0	H								

MAY 29, 1977 — 149

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	365	0.0	0	H								
2	364	0.0	0	H								
3	365	0.0	0	H								
4												
5	372	0.0	0	H								
6	368	0.0	0	H								
7	355	0.0	0	H								
8												
9	361	0.0	0	H								
10	353	0.0	0	H								
11	331	0.0	0	H								
12	327	0.0	0	H								
13	333	0.0	0	H								
14	334	0.0	0	H								
15	334	0.0	0	H								
16	336	0.0	0	H								
17	334	0.0	0	H								
18	328	0.0	0	H								
19	326	0.0	0	H								
20	328	0.0	0	H								
21												
22												
23												
24	330	0.0	0	H								

MAY 30, 1977 — 150

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	333	0.0	0	H								
2	334	0.0	0	H								
3	333	0.0	0	H								
4	332	0.0	0	H								
5	333	0.0	0	H								
6	341	0.0	0	H								
7	335	0.0	0	H								
8	339	0.0	0	H								
9	335	0.0	0	H								
10	337	0.0	0	H								
11	335	0.0	0	H								
12	333	0.0	0	H								
13	328	0.0	0	H								
14	328	0.0	0	H								
15	328	0.0	0	H								
16	333	0.0	0	H								
17	330	0.0	0	H								
18	330	0.0	0	H								
19	328	0.0	0	H								
20	330	0.0	0	H								
21	324	0.0	0	H								
22	315	0.0	0	H								
23	316	0.0	0	H								
24	332	0.0	0	H								

MAY 31, 1977 — 151

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	337	0.0	0	H								
2	339	0.0	0	H								
3	340	0.0	0	H								
4	344	0.0	0	H								
5	344	0.0	0	H								
6	347	0.0	0	H								
7	341	0.0	0	H								
8	337	0.0	0	H								
9	343	0.0	0	H								
10	341	0.0	0	H								
11	343	0.0	0	H								
12												
13												
14												
15												
16												
17	334	15.7	210	J								
18	333	13.1	153	J								
19	336	13.9	370	J								
20												
21	324	8.1	198	J								
22	328	9.0	161	J								
23	343	11.9	170	J								
24	283	4.9	89	J								

JUN. 1, 1977 — 152

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	294	5.1	326	J								
2	350	21.4	312	J								
3	388	22.3	285	J								
4	387	22.9	323	J								
5	410	29.7	124	J								
6	377	16.2	204	J								
7	353	17.3	229	J								
8	332	14.9	173	J								
9	351	19.1	249	J								
10	350	17.0	247	J								
11	375	20.2	272	J								
12	354	25.6	186	J								
13	351	24.6	231	J								
14	374	25.6	196	J								
15	373	19.5	366	J								
16	385	17.6	126	J								
17	411	12.4	48	J	6.9	-27	335	5.0	-1.9	-3.1	2	J
18	411	15.0	50	J	6.6	6	334	5.3	-2.6	0.1	3	J
19	402	12.4	55	J	7.5	-26	347	5.5	-0.5	-3.0	4	J
20	411	10.2	76	J	5.6	-34	20	3.8	2.1	-2.2	3	J
21	415	11.1	72	J	7.0	-11	320	3.8	-2.7	-1.9	5	J
22	407	11.9	68	J	6.7	-6	324	4.2	-2.7	-1.6	4	J
23	418	12.6	84	J	6.2	28	337	2.4	-1.4	0.9	5	J
24	416	12.1	86	J	6.0	3	346	5.3	-1.3	-0.2	2	J

JUN. 2, 1977 — 153

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	429	12.4	97	J	6.7	-26	252	-1.3	-3.2	-3.2	5	J
2	428	12.1	95	J	6.4	-33	254	-1.0	-2.7	-3.3	5	J
3	414	11.7	91	J	6.1	8	306	3.0	-4.1	-0.3	3	J
4	417	10.0	114	J	5.6	-15	299	2.3	-3.8	-2.0	2	J
5	419	10.1	110	J	5.8	-1	332	3.9	-2.0	-0.4	4	J
6	422	10.1	126	J	5.9	-24	20	4.0	1.6	-1.8	4	J
7	411	8.5	87	J	5.7	23	346	4.6	-1.2	1.9	3	J
8	414	8.2	95	J	6.0	-10	316	3.8	-3.6	-0.9	3	J
9	413	7.6	81	J	5.8	-17	329	3.6	-2.2	-1.2	4	J
10	417	7.6	93	J	5.3	-22	306	2.6	-3.6	-1.5	2	J
11	402	8.1	85	J	4.2	-37	334	2.2	-1.2	-1.7	3	J
12	422	9.0	92	J	4.9	-68	323	0.9	-0.9	-2.6	4	J
13	460	8.3	73	J	6.4	-53	194	-3.6	-1.2	-4.8	2	J
14	427	7.9	89	J	4.6	-62	327	0.8	-0.6	-1.7	4	J
15	428	8.9	88	J	5.4	-59	83	0.2	1.8	-3.0	4	J
16	420	8.3	80	J	6.5	-31	291	1.7	-4.1	-3.1	4	J
17	450	9.1	78	J	7.1	-20	267	-0.3	-6.1	-3.2	2	J
18	430	7.9	95	J	8.2	2	300	4.0	-6.9	-1.0	1	J
19	424	7.6	81	J	8.7	16	301	4.3	-7.5	0.6	1	J
20	419	7.3	72	J	8.1	20	308	4.6	-6.5	0.9	1	J
21	409	6.8	51	J	7.9	20	324	5.9	-4.9	1.2	1	J
22	439	6.9	112	J	6.1	-28	304	2.7	-2.9	-3.7	3	J
23	454	7.1	133	J	6.0	-41	303	2.1	-1.9	-4.3	3	J
24	439	6.9	178	J	5.4	13	331	3.9	-2.4	0.3	3	J

JUN. 3, 1977 — 154

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	444	6.1	134	J	5.6	28	318	3.3	-3.6	1.3	2	J
2	444	6.2	132	J	5.3	25	307	2.8	-4.1	1.1	2	J
3	437	6.2	140	J	5.9	24	309	3.2	-4.4	1.3	2	J
4	437	6.3	126	J	5.7	12	301	2.8	-4.7	0.3	1	J
5	427	6.4	132	J	5.5	-7	321	3.9	-3.0	-1.0	2	J
6	436	6.5	144	J	5.3	-1	305	2.4	-3.4	-0.4	3	J
7	431	5.8	92	J	5.2	-14	305	2.5	-3.5	-1.2	3	J
8	410	5.1	62	J	5.1	0	332	4.1	-2.2	0.0	2	J
9	415	5.8	68	J	5.9	7	324	4.7	-3.3	0.9	1	J
10	414	5.9	51	J	6.0	8	332	5.2	-2.7	1.0	1	J
11	415	5.7	70	J	5.9	7	325	4.7	-3.2	1.0	1	J
12	418	4.1	115	J	5.7	-2	323	4.4	-3.3	0.1	1	J
13	420	8.4	48	J	3.7	-20	325	1.0	-0.7	-0.4	4	J
14	436	9.8	43	J	3.0	22	138	-1.4	1.3	0.7	2	J
15	436	9.8	47	J	1.5	80	226	-0.2	-0.2	1.5	1	J
16	435	9.4	48	J	1.2	64	183	-0.5	-0.1	1.0	1	J
17	436	8.7	45	J	1.3	69	271	0.0	-0.5	0.9	1	J
18	431	8.2	49	J	1.5	54	296	0.3	-0.7	0.8	1	J
19	437	9.3	59	J	1.5	39	176	-0.6	-0.1	0.5	1	J
20	432	8.8	51	J	1.9	11	128	-0.8	1.0	0.6	1	J
21	429	8.7	48	J	2.7	-10	112	-0.8	2.0	0.3	2	J
22	427	9.4	35	J	2.6	-20	97	-0.2	1.7	-0.0	2	J
23	427	10.5	29	J	2.3	13	134	-1.3	1.1	0.8	1	J
24	415	13.5	23	J	3.0	0	137	-1.8	1.6	0.6	2	J

06/04/77 - 06/14/77

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 4, 1977							155					JUN. 5, 1977							156
1	407	16.1	19	J	3.3	12	136	-2.1	1.8	1.2	2	J	397	7.4	40	J	4.3	-1	115	-1.6	3.3	1.0	2	J
2	393	12.1	21	J	4.9	5	127	-2.8	3.5	1.4	2	J	383	9.0	37	J	4.1	0	112	-1.5	3.6	1.0	1	J
3	386	12.2	23	J	6.5	2	124	-3.6	5.1	1.4	1	J	384	10.2	33	J	3.4	-39	124	-1.2	2.2	-1.3	2	J
4	379	12.8	30	J	6.6	32	145	-4.4	2.4	3.8	2	J	381	11.0	28	J	4.0	-54	268	-0.1	-1.6	-3.2	2	J
5	406	10.1	56	J	6.3	8	150	-3.1	1.7	0.7	5	J	378	12.0	24	J	3.3	1	297	1.4	-2.7	-0.3	1	J
6	429	9.0	61	J	7.2	22	140	-3.0	2.4	1.8	6	J	382	9.8	36	J	4.3	12	285	1.1	-4.0	0.6	1	J
7	445	7.9	89	J	6.8	49	188	-3.5	-0.6	4.1	4	J	378	12.1	31	J	3.8	-6	293	1.4	-3.3	-0.4	2	J
8	461	4.5	139	J	7.9	35	133	-4.1	4.4	4.1	3	J	375	16.9	23	J	2.3	-52	324	1.1	-0.8	-1.7	1	J
9	464	3.9	142	J	7.9	32	126	-3.8	5.5	3.8	2	J	372	18.0	19	J	3.0	-51	320	1.4	-1.3	-2.2	1	J
10	462	3.6	120	J	8.0	21	129	-4.4	5.6	2.2	3	J	377	14.6	26	J	4.0	-57	41	1.5	1.0	-3.2	2	J
11	465	3.8	101	J	8.4	4	126	-4.9	6.7	-0.0	1	J	383	15.1	27	J	5.5	-79	304	0.5	-1.2	-4.6	3	J
12	473	4.7	175	J	6.9	-21	137	-3.8	3.3	-2.3	4	J	377	14.8	37	J	6.9	-57	119	-1.8	2.7	-6.1	1	J
13	478	5.8	182	J	5.4	-27	145	-3.6	2.4	-2.5	2	J	375	15.8	23	J	6.7	-43	108	-1.5	4.1	-4.6	2	J
14	472	5.9	158	J	5.2	-13	137	-3.6	3.3	-1.3	1	J	369	14.3	24	J	6.1	-39	115	-1.8	3.7	-3.7	3	J
15	464	5.9	158	J	4.9	-5	134	-3.3	3.4	-0.4	1	J	368	14.7	23	J	6.0	-39	108	-1.3	4.0	-3.4	2	J
16	465	5.1	106	J	5.0	3	146	-4.1	2.8	0.4	1	J	365	13.7	22	J	5.8	-26	109	-1.6	4.8	-2.2	2	J
17	463	4.9	110	J	4.6	-1	149	-3.9	2.4	0.2	1	J	357	12.4	28	J	5.5	2	114	-2.2	4.8	0.7	1	J
18	436	5.3	136	J	3.7	-7	171	-3.1	0.6	-0.3	2	J	346	12.0	33	J	5.2	5	125	-2.9	4.0	1.1	1	J
19	429	5.2	78	J	3.1	-7	51	1.0	1.2	0.1	3	J	338	11.2	21	J	5.4	8	150	-4.4	2.3	1.3	2	J
20	430	5.4	93	J	4.0	-8	121	-1.5	2.6	0.3	3	J	336	12.4	16	J	6.1	23	153	-4.9	1.8	2.9	1	J
21	403	7.1	44	J	4.0	-18	130	-2.4	3.1	-0.3	1	J	348	14.5	35	J	7.6	36	174	-6.0	-0.7	4.4	1	J
22	405	6.7	42	J	4.4	-9	127	-2.6	3.4	0.5	1	J	347	14.6	42	J	7.3	35	179	-5.9	-1.2	3.9	1	J
23	402	6.7	44	J	4.6	1	138	-3.4	2.9	1.1	0	J	348	14.3	39	J	6.5	50	180	-4.1	-1.6	4.6	1	J
24	399	6.8	41	J	4.7	-2	139	-3.5	3.0	0.8	0	J	353	11.5	52	J	5.9	39	137	-2.0	1.1	2.7	5	J
					JUN. 6, 1977							157					JUN. 7, 1977							158
1	359	9.7	51	J	6.2	-12	86	0.4	5.8	0.5	2	J	366	12.7	46	J	5.7	3	128	-3.3	4.0	1.5	2	J
2	369	10.7	58	J	5.7	-46	29	2.0	1.7	-2.0	5	J	363	11.4	60	J	6.0	-2	145	-4.8	3.3	0.6	1	J
3	368	9.8	66	J	4.2	-6	305	2.2	-3.0	-1.1	2	J	369	10.9	46	J	6.8	13	160	-5.9	1.8	1.9	2	J
4	366	9.3	50	J	3.4	-7	248	-1.0	-2.3	-0.7	2	J	364	13.4	62	J	6.4	25	144	-4.3	2.7	3.0	2	J
5	366	10.1	46	J	3.5	-14	235	-0.5	-0.7	-0.3	3	J	361	12.9	60	J	5.9	24	135	-3.5	3.2	2.6	2	J
6	371	9.9	43	J	4.7	-36	34	3.0	2.1	-2.5	2	J	370	12.9	68	J	5.2	16	138	-3.5	3.1	1.5	2	J
7	357	10.0	59	J	4.3	12	156	-2.0	0.9	0.5	4	J	377	10.8	75	J	6.8	19	138	-4.4	4.0	2.1	3	J
8	353	9.9	69	J	4.5	14	162	-4.1	1.4	1.0	1	J	376	9.5	52	J	7.5	25	142	-5.1	4.1	2.9	2	J
9	348	8.5	61	J	4.9	24	162	-4.2	1.5	1.9	1	J	373	9.1	44	J	7.3	6	133	-4.9	5.3	0.4	1	J
10	358	8.1	52	J	5.1	13	147	-4.1	2.7	0.9	1	J	374	8.9	36	J	7.1	-9	136	-5.0	4.7	-1.6	1	J
11	353	8.6	57	J	5.2	30	169	-4.3	1.1	2.4	1	J	384	13.2	72	J	4.6	-22	149	-3.6	1.9	-1.9	1	J
12	370	10.2	23	J	5.9	-10	105	-1.4	5.2	-1.5	2	J	394	16.6	49	J	2.3	0	148	-1.5	0.9	-0.1	2	J
13	371	10.3	29	J	5.2	-14	98	-0.7	4.6	-1.6	2	J	394	16.6	42	J	2.4	-9	140	-1.4	1.2	-0.4	1	J
14	365	10.1	38	J	6.0	2	116	-2.5	5.1	-0.1	2	J	390	11.3	47	J	5.3	-14	135	-3.3	3.2	-1.4	2	J
15	363	9.9	46	J	5.7	8	131	-3.6	4.2	0.7	1	J	392	8.3	47	J	5.9	35	141	-3.1	2.5	2.7	3	J
16	362	9.7	50	J	5.6	15	131	-3.5	4.0	1.6	1	J	390	8.4	45	J	5.7	42	126	-2.3	3.1	3.6	2	J
17	359	9.8	48	J	5.5	9	133	-3.6	3.8	1.2	1	J	394	6.8	40	J	5.9	57	143	-2.5	1.5	5.0	1	J
18	360	10.5	41	J	5.5	5	131	-3.6	4.0	1.1	1	J	396	7.3	62	J	5.3	32	144	-3.0	1.8	2.6	3	J
19	356	10.0	38	J	5.6	5	135	-3.9	3.7	1.3	1	J	414	6.6	62	J	4.9	-50	100	-0.5	3.3	-2.6	2	J
20	373	12.3	23	J	5.2	-4	104	-1.2	4.9	0.9	1	J	411	6.4	50	J	4.6	-44	121	-1.5	3.1	-2.1	2	J
21	367	11.9	39	J	5.9	29	148	-3.8	1.5	3.1	3	J	412	6.5	63	J	4.8	-8	143	-2.1	1.6	0.1	4	J
22	377	12.6	36	J	5.3	38	149	-2.8	0.8	2.9	4	J	401	5.3	62	J	4.9	19	150	-3.8	1.7	2.1	1	J
23	379	13.3	49	J	5.7	3	111	-1.7	4.2	1.6	3	J	397	5.2	59	J	4.9	20	168	-4.5	0.4	1.9	1	J
24	365	13.1	66	J	5.7	5	135	-3.3	3.0	1.4	3	J	404	5.3	43	J	5.1	35	174	-4.1	-0.4	2.9	1	J
					JUN. 8, 1977							159					JUN. 9, 1977							160
1	406	5.3	40	J	5.0	38	188	-3.6	-1.4	2.7	1	J					2.0	-29	252	-0.4	-0.9	-1.0	1	J
2	408	5.7	39	J	4.9	40	141	-2.9	1.5	3.6	1	J	363	0.0	0	H	2.1	-11	304	1.0	-1.3	-0.7	1	J
3	407	5.4	43	J	4.7	7	125	-2.6	3.5	1.3	1	J	362	0.0	0	H	1.8	-15	287	0.4	-1.3	-0.7	1	J
4	405	5.2	40	J	4.8	43	140	-2.5	1.6	3.4	1	J	361	0.0	0	H	2.7	76	308	0.2	-0.4	1.1	2	J
5	402	5.3	57	J	4.5	23	133	-2.3	2.3	1.7	3	J					2.2	30	134	-1.3	1.2	1.2	0	J
6	398	5.6	53	J	4.3	-16	136	-2.9	2.9	-1.0	1	J					2.7	29	141	-1.8	1.4	1.3	1	J
7	386	7.4	44	J	4.5	-18	136	-2.7	2.6	-1.2	2	J					2.7	36	145	-1.5	1.1	1.3	2	J
8	378	11.0	21	J	4.1	-33	139	-1.3	1.1	-1.2	4	J					3.7	15	145	-2.8	2.0	0.8	1	J
9	388	14.1	23	J	3.1	-24	308	1.7	-2.3	-1.0	1	J					3.5	13	155	-3.0	1.5	0.6	1	J
10	391	12.5	29	J	3.5	-16	286	0.9	-3.2	-0.6	1	J					3.5	13	164	-3.2	1.0	0.7	1	J
11	387	12.4	30	J	3.8	-11	292	1.4	-3.4	-0.3	0	J					3.5	17	161	-3.1	1.2	0.8	1	J
12																								
13					4.3	23	293	1.5	-3.4	2.1	1	J	348	0.0	0	H								
14					4.4	-7	280	0.6	-3.5	-0.2	3	J	353	0.0	0	H								
15					1.7	-64	18	0.2	0.1	-0.5	2	J	346	0.0	0	H								
16					0.9	-14	2	0.3	0.0	-0.1	1	J	351	0.0	0	H								
17					2.4	11	126	-1.2	1.6	0.5	1	J	342	0.0	0	H								
18					2.7	31	112	-0.3	0.7	0.6	3	J	340	0.0	0	H								
19					2.7	60	48	0.7	0.4	2.0	2	J	337	0.0	0	H								
20					3.6	50	312	1.3	-2.0	1.9	2	J	352	0.0	0	H								
21					3.5	21	326	2.6	-2.0	0.7	1	J	362	0.0	0	H								
22					3.4	-13	318	2.4	-1.8	-1.3	1	J	359	0.0	0	H								
23					3.0	-20	294	1.1	-2.1	-1.7	1	J	353	0.0	0	H								
24					2.8	-35	300	1.1	-1.4	-2.0	1	J	357	0.0	0	H								
					JUN. 10, 1977							161					JUN. 14, 1977							165
1	368	0.0	0	H																				
2	368	0.0	0	H																				
3	381	0.0	0	H																				
4	381	0.0	0	H																				
5	399	0.0	0	H																				
6	386	0.0	0	H																				
7	400	0.0	0	H																				
8	430	0.0	0	H																				
9	421	0.0	0	H																				
10	441	0.0	0	H																				
11	440	0.0	0	H																				
12	427	0.0	0	H																				
13	452	0.0	0	H																				
14	465	0.0	0	H																				
15	464	0.0	0	H																				
16	471	0.0	0	H																				
17	460	0.0	0	H																				
18	445	0.0	0	H																				
19	441	0.0	0	H																				
20	453	0.0	0	H																				
21	456	0.0	0	H																				
22																								
23																								
24													346	6.2	36	J	6.2	0	308	3.3	-4.0	-1.1	3	J

JUN. 15, 1977 166

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	345	5.1	45	J	8.4	21	313	4.6	-5.4	1.4	4	J
2	327	4.0	38	J	7.5	14	316	4.7	-4.8	0.7	2	J
3	343	5.4	38	J	6.5	22	323	4.7	-3.9	1.8	1	J
4	342	6.7	35	J	5.9	8	305	3.1	-4.4	0.3	2	J
5	343	5.4	41	J	5.8	11	317	3.9	-3.7	0.8	2	J
6	332	4.0	27	J	7.9	32	325	4.9	-3.5	3.8	4	J
7	339	0.0	38	J								
8	342	5.5	39	J	5.1	3	317	3.5	-3.2	0.6	2	J
9	345	5.1	38	J	5.2	5	319	3.2	-3.7	0.9	1	J
10	341	5.1	36	J	5.2	-7	311	3.3	-3.8	-0.0	1	J
11	349	5.1	39	J								
12	346	5.1	46	J	5.4	6	315	3.6	-3.4	1.1	1	J
13	339	5.0	38	J	4.9	-7	321	3.6	-3.0	-0.1	1	J
14	335	5.4	33	J	5.3	-10	318	3.7	-3.4	-0.4	1	J
15	332	5.8	33	J	4.8	-15	323	3.5	-2.7	-0.9	2	J
16	326	6.0	20	J	5.0	9	308	2.9	-3.7	0.9	1	J
17	328	6.0	19	J	4.8	21	315	3.0	-3.0	1.5	1	J
18	342	6.5	22	J	4.7	40	284	0.8	-3.5	2.5	1	J
19	328	6.8	22	J	4.8	-9	306	2.6	-3.4	-1.2	2	J
20	322	6.5	22	J	4.8	-10	314	3.0	-2.9	-1.4	2	J
21	324	6.9	24	J	4.7	-29	320	2.8	-1.8	-2.5	2	J
22	326	6.9	23	J	4.6	-15	311	2.6	-2.6	-1.8	2	J
23	324	6.9	23	J	4.8	-9	311	3.0	-3.1	-1.6	2	J
24	331	7.6	22	J	4.3	-41	312	2.0	-1.5	-3.1	2	J

JUN. 16, 1977 167

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	337	8.3	19	J	4.6	-62	307	1.2	-0.7	-3.9	2	J
2	338	8.5	19	J	4.6	-22	280	0.7	-3.5	-2.3	1	J
3	321	7.8	25	J	4.9	1	307	2.8	-3.6	-3.5	2	J
4	328	7.9	22	J	5.2	-4	288	1.5	-4.6	-0.8	2	J
5	331	8.7	17	J	5.4	-2	287	1.5	-5.0	-0.4	1	J
6	332	9.5	19	J	5.1	-3	283	1.0	-4.2	-0.2	3	J
7	334	9.8	24	J	4.4	19	270	0.0	-3.1	1.3	3	J
8	330	0.0	0	H								
9	325	0.0	0	H								
10	364	20.6	70	J	5.7	39	307	2.3	-2.5	3.5	3	J
11	366	21.9	47	J	8.7	9	289	2.7	-7.6	2.7	2	J
12	370	24.1	36	J	10.1	24	281	1.7	-8.0	5.5	2	J
13	374	33.6	27	J	9.2	15	282	1.7	-7.7	3.6	3	J
14	397	28.6	25	J	13.1	3	256	-2.4	-11.3	2.2	6	J
15	394	23.0	24	J	15.8	31	273	0.7	-12.6	9.3	2	J
16	395	24.9	68	J	15.2	20	82	0.9	6.4	2.1	14	J
17	396	21.0	126	J	13.4	51	86	0.5	7.2	9.4	7	J
18	391	16.3	127	J	14.6	30	83	1.5	11.4	8.8	4	J
19	400	19.0	129	J	11.9	32	107	-2.7	7.6	6.9	5	J
20	402	17.5	93	J	14.3	36	103	-1.9	6.9	8.1	9	J
21	416	22.1	138	J	9.7	21	216	-3.5	-2.8	1.0	9	J
22	412	19.4	110	J	12.6	77	120	-1.3	-0.6	11.6	5	J
23	415	17.9	105	J	12.5	53	120	-3.2	3.3	9.8	6	J
24	447	16.8	166	J	11.6	29	131	-6.1	5.6	6.7	5	J

JUN. 17, 1977 168

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	494	13.7	205	J	8.0	10	145	-5.7	3.6	2.1	4	J
2	533	10.5	152	J	7.4	11	158	-5.9	2.1	1.7	4	J
3	500	10.0	125	J	7.2	2	167	-6.7	1.5	0.5	2	J
4	511	10.5	165	J	6.7	7	139	-4.8	3.4	1.0	4	J
5	484	9.2	129	J	8.3	-13	143	-5.4	4.2	-1.4	5	J
6	482	0.0	0	H								
7	492	0.0	0	H								
8	491	7.4	200	J	9.0	-5	136	-6.4	6.1	-1.5	1	J
9	486	7.8	270	J	9.0	-1	139	-6.7	5.8	-1.0	1	J
10	495	5.8	121	J	9.8	-3	146	-8.1	4.9	-1.4	2	J
11	492	7.0	142	J	10.2	-6	144	-8.1	5.6	-2.1	1	J
12	490	8.1	154	J	10.2	-4	145	-8.3	5.6	-1.8	1	J
13	487	8.2	121	J	10.8	3	149	-9.2	5.5	-0.4	1	J
14	480	9.2	140	J	11.5	-8	153	-9.4	5.2	-2.3	2	J
15	451	10.8	217	J	11.3	-8	150	-9.2	5.1	-2.0	4	J
16	413	7.9	69	J	11.1	-6	142	-8.5	6.6	-1.4	3	J
17	418	6.1	66	J	11.2	3	142	-8.7	6.8	0.7	2	J
18	440	7.4	101	J	10.3	1	138	-7.5	6.7	0.7	2	J
19	448	9.1	120	J	8.3	48	153	-4.2	1.4	5.5	4	J
20	447	8.2	97	J	10.0	53	208	-4.9	-3.9	6.8	4	J
21	437	7.1	152	J	8.3	22	223	-4.5	-4.7	1.5	5	J
22	442	7.4	202	J	4.9	30	176	-2.9	-0.2	1.7	4	J
23	497	4.3	104	J	9.6	1	130	-6.0	6.9	1.9	2	J
24	521	4.8	145	J	7.5	30	164	-5.9	0.8	3.8	3	J

JUN. 18, 1977 169

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	509	5.2	171	J	8.0	58	256	-1.0	-5.2	5.5	3	J
2	536	4.2	161	J	7.9	6	133	-4.8	5.0	1.6	4	J
3	549	4.1	216	J	7.1	17	137	-4.8	4.1	2.6	2	J
4	551	4.2	213	J	6.3	8	132	-4.0	4.4	1.2	2	J
5	542	4.3	214	J	5.9	-18	117	-2.3	4.6	-1.5	2	J
6	516	5.1	153	J	6.1	-5	137	-3.4	3.1	-0.5	4	J
7	536	5.6	185	J	5.3	-49	32	2.7	1.4	-3.7	2	J
8	521	5.0	155	J	5.6	-68	47	1.2	5.8	-4.6	3	J
9	527	4.4	138	J	6.5	-53	93	-0.1	1.8	-3.4	5	J
10	539	3.3	133	J	7.5	12	150	-6.2	3.8	0.9	2	J
11	546	3.0	132	J	7.6	25	160	-6.4	2.9	2.7	1	J
12	594	2.8	159	J	7.5	25	176	-6.8	1.1	3.0	1	J
13	598	2.8	158	J	7.4	26	163	-6.3	2.5	2.8	1	J
14	591	2.8	173	J	7.2	13	140	-5.4	4.6	3.5	1	J
15	604	2.7	171	J	7.3	-14	135	-4.9	4.7	-2.2	2	J
16	601	2.7	237	J	6.8	-22	134	-4.3	4.3	-2.7	1	J
17	594	2.8	281	J	6.4	-16	154	-5.4	2.6	-1.7	1	J
18	601	3.0	242	J	6.5	-34	164	-4.9	1.6	-3.3	2	J
19	591	3.3	269	J	6.3	-35	202	-4.4	-1.3	-3.5	2	J
20	585	3.2	289	J	5.8	-11	163	-4.9	1.6	-3.7	3	J
21	556	2.9	197	J	5.5	-21	154	-4.4	2.5	-1.4	2	J
22	539	3.4	188	J	4.5	-37	137	-2.3	2.7	-1.8	2	J
23	510	4.5	156	J	3.8	-47	186	-1.9	0.3	-2.0	3	J
24	496	5.3	143	J	5.1	9	149	-4.3	2.2	1.3	2	J

JUN. 19, 1977 170

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	495	4.7	177	J	4.7	4	148	-3.6	2.2	0.8	2	J
2	483	5.0	214	J	4.1	-23	159	-3.1	1.4	-1.2	2	J
3	470	6.0	239	J	3.8	-25	170	-3.3	0.8	-1.5	1	J
4	482	5.9	129	J	3.4	-58	197	-0.7	-0.1	-1.2	3	J
5	482	7.0	169	J	3.2	-47	203	-1.5	-0.6	-1.8	2	J
6	483	7.7	142	J	4.1	-71	104	-0.3	1.0	-3.4	2	J
7	486	8.6	144	J	5.6	-35	106	-1.0	3.2	-2.7	4	J
8	488	8.4	143	J	5.9	-8	106	-1.4	4.9	-1.4	3	J
9	490	6.9	143	J	5.4	0	121	-2.5	4.1	-0.7	2	J
10	499	6.7	105	J	5.6	-12	116	-2.0	3.8	-1.7	3	J
11	508	6.3	114	J	5.0	-24	106	-1.1	3.3	-2.4	3	J
12	547	0.0	0	H								
13	550	6.8	100	J	5.5	-8	104	-1.3	4.9	-1.7	2	J
14	518	6.8	199	J	6.2	-9	89	0.1	5.5	-1.8	2	J
15	513	5.9	176	J	7.1	11	122	-3.5	5.7	0.6	2	J
16	516	5.4	238	J	8.8	21	132	-5.3	6.1	2.7	3	J
17	513	4.4	187	J	10.8	31	146	-7.6	5.1	5.5	1	J
18	517	5.3	326	J	10.4	33	148	-7.2	4.1	5.8	2	J
19	524	6.2	341	J	10.6	33	141	-6.8	4.8	6.3	2	J
20	526	7.0	364	J	10.6	34	132	-5.5	5.1	6.6	3	J
21	498	7.0	254	J	12.2	38	156	-8.6	2.2	7.9	3	J
22	506	5.9	276	J	12.8	28	143	-7.8	4.5	6.3	7	J
23	467	7.7	226	J	12.2	36	165	-8.6	0.8	6.8	5	J
24	476	9.8	209	J	12.1	-10	115	-4.5	9.8	0.3	6	J

JUN. 20, 1977 171

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	487	11.1	206	J	11.7	-3	122	-5.6	8.9	1.2	5	J
2	523	12.5	336	J	6.9	-14	178	-3.4	6.3	-0.8	6	J
3	511	11.8	246	J	8.6	17	153	-6.1	2.9	2.5	5	J
4	533	10.2	233	J	9.8	0	126	-5.2	7.1	0.5	4	J
5	545	8.2	158	J	8.4	6	153	-6.1	3.1	0.8	5	J
6	552	5.4	85	J	5.4	11	170	-4.4	0.8	0.9	3	J
7	554	4.9	99	J	5.6	26	165	-3.9	1.2	1.9	3	J
8	570	5.0	111	J	5.9	22	121	-2.3	4.0	1.3	3	J
9	552	5.0	97	J	5.7	15	145	-3.8	2.8	0.8	3	J
10	544	5.1	143	J	5.8	12	159	-4.7	2.0	0.7	3	J
11	560	5.0	110	J	6.0	-57	145	-2.5	0.7	-5.0	2	J
12	540	4.9	130	J	6.0	-16	153	-4.3	1.8	-1.8	3	J
13	518	4.6	110	J	5.9	-11	167	-5.2	1.0	-1.2	2	J
14	531	4.8	95	J	6.0	13	145	-4.4	3.2	0.7	2	J
15	554	5.0	109	J	6.0	23	117	-2.4	5.0	1.7	2	J
16	511	4.7	51	J	5.9	-1	151	-4.7	2.6	-0.3	2	J
17	536	0.0	0	H	5.9	17	155	-4.2	2.0	1.4	3	J
18	512	4.8	67	J	5.9	5	165	-4.2	1.1	0.4	4	J
19	506	4.9	54	J	6.0	-2	190	-5.3	-0.9	-0.3	3	J
20	533	5.1	91	J	5.9	1	113	-1.9	4.4	0.8	3	J
21	512	5.1	73	J	5.8	26	155	-4.0	1.4	2.5	3	J
22	505	4.8	68	J	5.6	26	179	-4.1	-0.4	2.0	3	J
23	513	5.0	80	J	5.6	20	129	-3.1	3.4	2.6	2	J
24	519	5.0	82	J	5.5	12	125	-2.7	3.6	1.8	2	J

JUN. 21, 1977 172

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	519	5.2	81	J	5.8	20	105	-1.3	4.5	2.7	2	J
2	512	5.1	70	J	5.7	16	115	-2.1	4.2	2.1	2	J
3	492	4.9	70	J	5.7	8	143	-4.2	3.1	1.1	2	J
4	484	5.0	88	J	5.5	12	164	-4.9	1.3	1.2	2	J
5	486	5.3	100	J	5.4	-11	187	-4.9	-0.6	-1.0	2	J
6	518	0.0	0	H								
7	491	5.9	103	J	5.4	37	157	-3.8	1.9	3.0	1	J
8	493	5.8	104	J	5.4	30	167	-3.1	1.0	1.7	4	J
9	473	5.5	130	J	5.2	5	198	-4.6	-1.4	0.7	2	J
10	462	5.4	66	J	5.8	-8	189	-5.4	-1.0	-0.6	1	J
11	471	5.6	78	J	5.3	-9	184	-4.6	-0.5	-0.6	2	J
12	469	6.1	73	J	5.4	18	146	-3.1	2.3	0.7	4	J
13	483	7.1	83	J	5.4	-2	114	-1.6	3.5	-0.8	4	J
14	471	7.4	81	J	5.2	-17	125	-2.4	3.1	-1.8	3	J
15	489	0.0	0	H	5.0	-1	107	-1.3	4.2	-0.6	2	J
16	470	7.4	108	J	4.6	-29	137	-2.2	2.0	-1.8	3	J
17	446	6.7	59	J	5.7	-7	159	-5.0	1.9	-0.7	2	J
18	455	0.0	0	H								
19	461	0.0	0	H								
20	439	7.2	73	J	6.6	27	188	-5.5	-1.2	2.7	2	J
21	432	8.2	89	J	7.3	21	164	-6.5	1.3	2.9	1	J
22	436	8.4	82	J	7.7	-11	138	-5.4	5.0	-0.4	2	J
23	423	7.5	60	J	7.3	7	146	-5.8	3.6	1.7	2	J
24	419	7.7	65	J	7.6	21	152	-5.5	2.4	2.9	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	435	7.6	46	J	8.5	12	134	-3.7	3.6	1.8	7	J
2	444	9.6	96	J	6.1	30	153	-4.1	1.7	2.9	3	J
3	444	9.1	119	J	9.6	9	145	-7.1	4.8	1.9	7	J
4	478	0.0	0	H								
5	492	5.5	67	J	6.8	7	158	-6.3	2.5	0.8	0	J
6	495	5.8	68	J	6.7	12	166	-6.3	1.6	1.3	1	J
7	505	6.0	78	J	7.1	18	175	-6.6	0.8	2.1	2	J
8	519	0.0	0	H								
9	513	0.0	0	H								
10	511	0.0	0	H								
11	505	0.0	0	H								
12	483	0.0	0	H								
13	490	0.0	0	H								
14	504	0.0	0	H								
15	494	0.0	0	H								
16	467	0.0	0	H								
17	482	0.0	0	H								
18	505	0.0	0	H								
19	509	0.0	0	H								
20	505	0.0	0	H								
21	505	0.0	0	H								
22	508	0.0	0	H								
23	531	0.0	0	H								
24	531	0.0	0	H								

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
JUN. 23, 1977												174
1	518	0.6	0	H								
2	551	0.0	0	H								
3	556	0.0	0	H								
4	559	0.0	0	H								
5	566	0.0	0	H								
6	574	0.0	0	H								
7	577	0.0	0	H								
8	581	0.0	0	H								
9	592	0.0	0	H								
10	613	0.0	0	H								
11	559	0.0	0	H								
12	587	0.0	0	H								
13	586	0.0	0	H								
14	574	0.0	0	H								
15	565	0.0	0	H								
16	582	0.0	0	H								
17	567	0.0	0	H								
18	586	0.0	0	H								
19	584	0.0	0	H								
20	559	0.0	0	H								
21	550	0.0	0	H								
22	512	0.0	0	H								
23	477	0.0	0	H								
24	470	0.0	0	H								
JUN. 24, 1977												175
1	491	0.0	0	H								
2	492	0.0	0	H								
6	512	0.0	0	H								
JUN. 27, 1977												178
1	430	14.1	49	J	5.7	-51	51	2.1	3.2	-3.8	2	J
2	381	12.3	71	J	6.0	39	138	-3.6	2.9	4.5	4	J
3												
4	395	13.2	55	J	5.9	-22	81	0.8	5.4	-2.1	1	J
5	396	13.3	60	J	5.3	-16	73	1.2	3.9	-1.3	3	J
6	373	12.3	72	J	6.4	25	162	-5.1	1.9	2.3	2	J
7	377	12.7	77	J	6.6	17	145	-4.5	3.4	1.3	3	J
8	375	11.8	72	J	6.3	9	143	-4.1	3.2	0.2	3	J
9	369	12.5	68	J	7.7	47	159	-4.6	2.9	4.8	3	J
10	371	13.0	64	J	7.5	27	130	-3.9	5.2	1.9	3	J
11	375	12.4	53	J	7.5	26	117	-2.6	5.7	1.4	4	J
12	376	12.6	52	J	6.8	6	109	-2.0	5.7	-0.9	3	J
13	369	11.9	51	J	6.6	30	128	-3.2	4.7	1.9	3	J
14	392	15.0	40	J	5.3	43	168	-3.6	1.5	3.2	1	J
15	391	14.8	39	J	4.7	47	206	-2.6	-0.7	3.3	2	J
16	397	15.7	45	J	4.1	33	150	-2.6	1.7	1.8	2	J
17	401	15.3	43	J	6.0	18	152	-4.6	2.5	1.6	2	J
18	409	16.8	40	J	7.1	11	148	-5.3	3.3	1.2	3	J
19	439	11.0	25	J	9.3	1	143	-7.3	5.5	0.5	1	J
20	401	10.8	33	J	8.7	18	175	-6.1	0.3	2.0	6	J
21	395	12.3	45	J	7.5	42	225	-3.8	-4.4	4.2	2	J
22	389	8.4	37	J	7.9	23	165	-6.7	1.3	3.2	2	J
23	388	6.8	38	J	7.9	18	171	-7.2	0.7	2.5	1	J
24	381	7.4	51	J	8.6	19	181	-8.1	-0.6	2.7	1	J
JUN. 28, 1977												179
1	377	6.9	43	J	7.5	10	181			-0.3	1.3	1 J
2	373	6.7	28	J	7.5	-5	175	-7.4		0.7	-0.6	1 J
3	372	7.3	31	J	7.5	-1	188	-7.3		-1.0	-0.2	1 J
4	371	7.4	36	J	7.4	-3	201	-6.8		-2.6	-0.4	1 J
5	364	7.6	26	J	7.3	-6	189	-7.0		-1.1	-0.7	2 J
6	383	9.7	40	J	7.2	-32	144	-4.0		2.6	-3.3	4 J
7	383	8.5	40	J	7.5	-4	133	-4.6		5.1	-1.2	2 J
8	419	15.1	70	J	4.4	24	105	-0.7		2.9	0.7	4 J
9	420	11.0	52	J	6.1	-41	94	-0.3		3.4	-4.6	3 J
10	414	14.5	81	J	5.2	-48	135	-2.4		1.4	-4.2	2 J
11	414	13.7	35	J	5.9	-60	203	-2.2		-2.0	-3.8	4 J
12	413	20.3	36	J	4.3	-4	279	0.6		-4.0	0.8	2 J
13	415	14.9	46	J	5.3	-27	266	-0.3		-4.7	-1.0	3 J
14	410	19.9	46	J	2.9	18	288	0.8		-2.3	1.4	1 J
15	413	19.8	43	J	3.6	8	280	0.6		-3.4	1.1	1 J
16	413	19.3	40	J	3.4	14	284	0.8		-2.9	1.1	1 J
17	438	11.2	60	J	6.1	-22	224	-4.0		-4.0	-2.0	2 J
18	435	10.7	46	J	6.2	-11	220	-4.6		-3.9	-1.2	1 J
19	429	10.5	45	J	5.7	-24	224	-3.7		-3.4	-2.5	1 J
20	426	9.9	47	J	5.5	-35	221	-3.4		-2.6	-3.4	1 J
21	428	8.7	49	J	5.7	-23	277	0.6		-4.4	-2.7	2 J
22	415	7.0	50	J	6.4	-19	271	0.1		-5.3	-2.7	2 J
23	434	7.0	57	J	6.6	-17	238	-3.2		-4.7	-2.7	2 J
24	384	6.4	39	J	6.6	17	336	3.9		-1.9	1.0	5 J
JUN. 29, 1977												180
1	384	6.8	59	J	6.6	35	10	3.1	0.3	2.3	5	J
2	386	6.4	51	J	6.4	-2	287	1.8	-5.8	-0.8	2	J
3	392	6.5	38	J	6.9	-19	286	1.6	-5.6	-2.4	3	J
4	402	6.3	36	J	6.5	-38	275	0.4	-4.8	-3.9	2	J
5	419	6.0	39	J	7.1	-19	247	-2.5	-6.1	-2.0	1	J
6	419	6.8	37	J	7.5	-8	245	-3.1	-6.8	-0.4	1	J
7	415	7.6	33	J	7.3	-9	248	-2.7	-6.8	-0.1	1	J
8	422	7.7	41	J	7.3	-6	239	-3.7	-6.2	0.4	1	J
9	403	6.7	31	J	7.2	-4	259	-1.3	-6.8	1.1	2	J
10	403	6.4	30	J	7.1	-9	270	0.0	-6.9	0.7	2	J
11	405	6.6	28	J	7.5	-3	259	-1.4	-7.1	1.6	1	J
12	404	6.8	39	J	7.1	11	252	-2.1	-5.9	3.0	1	J
13	402	6.2	41	J	6.6	15	250	-2.2	-5.4	3.2	1	J
14	391	4.4	34	J	5.6	7	261	-1.0	-5.8	2.2	2	J
15	385	4.1	37	J	6.6	15	264	-0.6	-5.7	2.8	2	J
16	387	4.2	30	J	6.3	2	257	-1.4	-6.0	1.0	1	J
17	373	6.0	38	J	5.4	7	265	-0.4	-5.1	1.0	2	J
18	373	4.0	29	J	6.1	15	275	0.5	-5.8	1.6	1	J
19	371	4.6	23	J	6.0	7	274	0.4	-5.9	0.4	1	J
20	369	5.4	22	J	5.8	3	272	0.2	-5.7	-0.2	1	J
21	358	5.3	26	J	5.5	4	278	0.8	-5.4	-0.3	1	J
22	352	6.8	35	J	4.9	-18	281	0.8	-3.8	-1.9	2	J
23	352	6.6	36	J	5.2	-2	283	1.1	-4.5	-0.9	2	J
24	329	6.9	27	J	5.2	5	321	3.6	-2.9	-0.0	2	J
JUN. 30, 1977												181
1	333	5.8	26	J	5.2	6	309	3.0		-3.7	0.0	2 J
2	333	6.3	26	J	4.9	-2	313	3.1		-3.3	-0.5	2 J
3	326	7.2	28	J	4.4	-13	339	3.7		-1.4	-1.0	2 J
4	328	7.0	23	J	4.5	-37	349	3.4		-0.7	-2.6	1 J
5	328	7.2	20	J	4.5	-36	321	2.8		-2.4	-2.5	1 J
6	336	7.5	33	J	4.0	-37	298	1.5		-3.0	-2.0	1 J
7	337	6.9	29	J	4.5	-31	302	1.9		-3.3	-1.6	2 J
8	330	9.1	23	J	4.5	-31	339	3.5		-1.8	-2.0	1 J
9	350	13.6	49	J	6.0	-21	282	1.1		-5.4	-0.7	2 J
10	333	10.3	32	J	5.7	-12	302	2.6		-4.4	0.1	3 J
11	322	9.9	32	J	5.7	-21	323	3.9		-3.3	-1.0	3 J
12	322	9.4	33	J	6.2	-17	305	3.3		-5.0	-0.4	1 J
13	316	9.2	35	J	6.1	-7	314	4.1		-4.3	0.4	1 J
14	315	9.8	39	J	6.2	-4	316	4.5		-4.1	0.5	1 J
15	320	12.0	32	J	7.4	7	323	5.8		-4.1	1.7	1 J
16	328	13.1	36	J	7.8	24	318	4.7		-3.8	3.4	4 J
17	340	14.5	35	J	9.8	24	320	6.5		-5.1	4.2	3 J
18	349	17.5	42	J	9.8	-9	297	3.6		-7.1	-1.1	6 J
19	374	23.9	52	J	10.2	23	281	1.5		-8.0	3.1	5 J
20	352	23.1	60	J	9.5	30	304	4.3		-6.8	3.9	3 J
21	357	22.7	59	J	9.5	27	299	3.8		-7.2	3.1	4 J
22	361	23.4	64	J	8.9	17	292	2.8		-7.3	1.3	4 J
23	352	24.8	77	J	8.3	2	312	4.5		-5.0	-0.5	5 J
24	362	21.6	52	J	8.5	-18	290	2.4		-6.1	-3.1	4 J
JUL. 1, 1977												182
1	359	21.1	48	J	9.3	21	289	2.6	-7.7	2.1	4	J
2	354	22.7	50	J	8.7	27	287	2.2	-7.4	3.2	3	J
3	356	26.0	46	J	7.7	3	252	-2.1	-6.5	0.1	4	J
4	360	26.0	48	J	7.5	-26	229	-4.2	-4.8	-3.1	2	J
5	352	28.8	41	J	6.5	-26	263	-0.7	-5.5	-2.3	3	J
6	347	28.7	30	J	7.3	-55	114	-1.6	3.0	-6.0	2	J
7	345	27.1	25	I	9.0	-46	130	-4.0	3.7	-7.2	1	J
8	350	31.9	26	J	10.0	-30	111	-3.1	6.8	-6.5	2	J
9	357	29.8	44	J	10.5	-24	109	-1.6	4.1	-3.3	9	J
10	374	20.3	59	J	12.0	-42	251	-2.3	-8.2	-4.4	7	J
11	392	17.4	47	J	11.3	66	13	3.4	3.0	7.4	8	J
12	382	11.8	84	J	13.1	21	106	-3.3	12.5	1.2	2	J
13	384	11.0	87	J	13.3	25	105	-3.1	12.7	2.3	1	J
14	385	0.0	0	H								
15	381	12.7	62	J	13.7	33	108	-3.5	12.1	5.1	1	J
16	385	14.5	77	J	12.7	8	120	-5.2	9.2	0.1	7	J
17	397	15.2	69	J	11.9	3	117	-5.0	9.9	-0.3	4	J
18	388	13.5	76	J	11.9	-16	129	-6.5	8.0	-3.2	5	J
19	408	9.4	140	J	10.3	-12	130	-5.5	6.7	-1.6	5	J
20	450	9.2	264	J	9.5	-6	103	-1.6	7.1	-0.2	6	J
21	439	9.0	208	J	10.4	1	106	-2.5	8.7	1.2	5	J
22	426	0.0	0	H	10.3	-15	100	-1.7	10.0	-1.3	1	J
23	415	0.0	0	H								
24	418	0.0	0	H								
JUL. 2, 1977												183
1	436	0.0	0	H								
2												
3	484	4.1	139	J	6.6	-7	150	-4.0		4.8	-0.6	2 J
4	497	4.3	162	J	6.5	17	147	-4.0		2.6	1.4	4 J
5	504	4.0	148	J	6.6	34	146	-3.6		2.6	2.7	4 J
6	497	3.9	141	J	6.6	-3	123	-3.4		5.2	-0.9	2 J
7	501	3.9	133	J	6.5	-8	128	-3.5		4.3	-1.5	3 J
8	506	4.3	150	J	6.4	-16	127	-3.1		3.7	-2.3	3 J
9	504	4.4	150	J	6.3	-13	140	-3.4		2.5	-1.7	4 J
10	507	4.6	178	J	6.2	51	169	-3.2		1.7	3.7	3 J
11	521	4.6	192	J	6.0	8	121	-1.9		3.2	-0.4	5 J
12	525	4.7	200	J	6.1	23	109	-1.4		4.4	0.6	4 J
13	503	4.5	159	J	5.8	38	195	-3.7		-0.1	3.1	3 J
14	487	4.7	118	J	6.0	11	158	-5.3		2.3	0.5	2 J
15	495	4.7	136	J	5.8	-17	149	-4.0		2.1	-1.9	3 J
16	526	0.0	0	H	6.2	20	160	-4.9		2.0	1.6	3 J
17	489	4.2	143	J	5.8	-2	175	-4.6		0.4	-0.2	4 J
18	497	4.3	162	J	5.3	-22	180	-3.4		-0.0	-1.4	4 J
19	488	4.4	162	J	5.5	-37	192	-3.9		-0.8	-3.0	2 J
20	480	4.5	165	J	5.3	-30	189	-3.9		-0.5	-2.3	3 J
21	459	4.0	93	J	5.7	-18	168	-5.0		1.2	-1.5	2 J
22	446	3.8	79	J	5.8	-9	162	-5.3		1.8	-0.6	2 J
23	450	3.6	86	J	5.9	-25	165	-4.8		1.6	-2.1	2 J
24	469	4.1	89	J	6.1	1	111	-2.0		5.2	0.8	2 J

JUL. 3, 1977 184

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	459	4.1	99	J	5.9	12	126	-3.2	4.3	1.6	2	J
2	437	3.9	103	J	5.9	13	147	-4.7	2.9	1.5	2	J
3	422	3.5	69	J	6.0	-3	164	-5.6	1.6	-0.3	1	J
4	428	4.2	93	J	6.0	0	158	-5.3	2.1	-0.0	2	J
5	419	4.1	59	J	6.0	15	169	-5.5	1.2	1.4	1	J
6	416	4.1	35	J	6.2	7	169	-5.8	1.2	0.6	1	J
7	445	4.5	75	J	6.1	-24	148	-2.6	1.4	-1.6	5	J
8	459	0.0	0	H								
9	448	0.0	0	H								
10	439	0.0	0	H								
11	445	0.0	0	H								
12	465	0.0	0	H								
13	471	0.0	0	H								
14	464	0.0	0	H								
15	510	0.0	0	H								
16												
17												
18	433	0.0	0	H								
19	441	5.7	82	J	5.8	-23	100	-0.8	4.5	-1.8	3	J
20	398	4.9	91	J	6.3	-8	154	-5.1	2.5	-0.6	2	J
21	426	5.3	81	J	6.4	-29	113	-1.9	4.8	-2.2	3	J
22	394	4.8	78	J	6.6	-15	143	-4.8	3.8	-1.2	2	J
23	393	5.2	56	J	6.4	8	131	-3.8	4.3	1.4	2	J
24	405	5.2	56	J	6.7	5	117	-2.8	5.5	1.2	2	J

JUL. 4, 1977 185

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	409	5.7	53	J	6.4	-1	108	-1.8	5.6	0.4	2	J
2	411	0.0	0	H	6.2	-15	82	0.8	5.5	-1.1	2	J
3	403	0.0	0	H	5.7	5	78	0.9	4.4	0.5	3	J
4	399	6.1	49	J	6.6	-9	110	-2.2	6.0	-1.2	1	J
5	413	7.8	54	J	6.1	-21	69	1.7	4.3	-2.2	3	J
6	405	8.6	44	J	6.1	-34	70	1.5	3.7	-3.5	3	J
7	404	9.4	47	J	6.2	-64	357	2.5	-1.0	-4.9	3	J
8	395	8.5	56	J	6.9	-39	73	1.5	4.0	-5.3	1	J
9	378	6.1	54	J	6.3	26	111	-2.0	5.6	1.2	1	J
10	394	6.5	73	J	6.6	5	101	-1.1	5.7	-1.2	3	J
11	382	0.0	0	H								
12	393	0.0	0	H								
13	409	0.0	0	H								
14	387	0.0	0	H								
15	364	0.0	0	H								
16	370	0.0	0	H								
17	368	0.0	0	H								
18	358	0.0	0	H								
19	366	0.0	0	H								
20	347	0.0	0	H								
21	337	0.0	0	H								
22	346	0.0	0	H								
23	353	0.0	0	H								
24	351	0.0	0	H								

JUL. 5, 1977 186

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	346	0.0	0	H
2	339	0.0	0	H
3	350	0.0	0	H
4	347	0.0	0	H
5	346	0.0	0	H
6	347	0.0	0	H
7	353	0.0	0	H
8	355	0.0	0	H
9	349	0.0	0	H
10	373	0.0	0	H
11	388	0.0	0	H
12	350	0.0	0	H
13	361	0.0	0	H
14	354	0.0	0	H
15	336	0.0	0	H
16	337	0.0	0	H
17	352	0.0	0	H
18	349	0.0	0	H
19	364	0.0	0	H
20	343	0.0	0	H
21	336	0.0	0	H
22	357	0.0	0	H
23	353	0.0	0	H
24	361	0.0	0	H

JUL. 6, 1977 187

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	360	0.0	0	H
2	359	0.0	0	H
3	364	0.0	0	H

JUL. 9, 1977 190

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	535	5.5	163	J	8.2	-3	309	4.5	-5.5	0.8	4	J
17	550	5.7	142	J	8.4	-15	316	4.7	-4.7	-1.1	5	J
18	573	6.4	183	J	7.3	7	328	4.6	-2.8	0.9	5	J
19	570	6.2	144	J	7.3	11	328	5.3	-3.3	1.3	3	J
20	568	6.4	137	J	7.5	-9	322	5.0	-3.9	-1.1	4	J
21	593	6.8	219	J	6.9	24	350	3.5	-0.7	1.5	6	J
22	609	6.9	203	J	6.0	25	343	3.7	-1.3	1.7	4	J
23	613	7.3	164	J	6.5	26	342	4.9	-1.8	2.4	3	J
24	611	7.4	154	J	5.8	-35	332	3.3	-1.5	-2.7	4	J

JUL. 13, 1977 191

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	614	7.2	184	J	5.7	-22	310	3.0	-3.4	-2.1	2	J
2	604	7.3	155	J	5.2	21	27	4.1	2.0	1.8	2	J
3	599	7.0	152	J	5.3	-4	357	4.6	-0.2	-0.3	2	J
4	594	6.1	164	J	5.8	-9	334	4.7	-2.3	-0.7	2	J
5	631	5.8	152	J	5.1	10	82	0.7	4.9	0.3	1	J
6	632	5.5	143	J	5.4	85	60	0.2	1.0	4.0	3	J
7	623	5.2	157	J	4.8	58	15	1.3	0.8	2.0	4	J
8	617	5.3	152	J	6.7	10	16	2.4	0.8	3.2	e	J
9	592	5.2	173	J	5.0	24	4	3.6	0.7	1.5	3	J
10	636	5.2	163	J	4.6	1	257	-0.5	-2.2	0.8	4	J
11	635	5.1	159	J	5.1	-12	249	-1.5	-4.1	1.5	2	J
12	612	4.9	162	J	4.6	-18	286	1.0	-3.9	0.1	2	J
13	617	5.4	200	J	4.4	-30	354	1.3	-0.4	-3.7	4	J
14	610	5.1	175	J	4.2	7	22	1.8	0.8	0.0	4	J
15	608	4.8	184	J	4.3	6	285	0.9	-3.1	1.2	3	J
16	623	4.8	173	J	4.5	-20	246	-1.2	-2.8	-0.5	3	J
17	608	5.0	134	J	4.4	-86	137	-0.2	-0.4	-3.9	2	J
18	605	5.2	146	J	4.3	-71	144	-0.9	0.4	-3.5	2	J
19	578	5.3	167	J	4.9	-39	329	2.8	-1.8	-2.6	3	J
20	595	5.3	150	J	4.7	-63	275	0.2	-1.8	-3.7	2	J
21	594	5.6	183	J	4.1	-17	290	0.9	-2.6	-1.0	3	J
22	574	5.4	175	J	3.8	-6	318	2.4	-2.1	-2.5	2	J
23	573	5.5	154	J	3.5	-37	338	1.9	-0.7	-1.6	2	J
24	581	5.6	146	J	3.9	5	292	0.8	-2.0	0.0	3	J

JUL. 11, 1977 192

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	569	5.3	125	J	3.8	27	323	1.6	-1.2	0.9	3	J
2	557	5.1	119	J	3.8	13	309	2.1	-2.7	0.7	2	J
3	538	5.0	128	J	3.6	20	296	1.3	-2.6	1.1	2	J
4	539	7.6	118	J	4.0	-82	234	-0.2	-3.5	-2.8	3	J
5	533	8.3	152	J	5.0	-11	14	2.5	0.6	-0.6	4	J
6	548	9.3	158	J	5.3	33	300	0.9	-1.4	1.5	5	J
7	552	7.2	169	J	6.8	-16	238	-2.3	-3.9	-0.4	5	J
8	547	7.2	195	J	6.0	-5	266	-0.3	-4.2	0.8	4	J
9	570	6.0	162	J	5.4	-7	263	-0.6	-4.5	0.9	3	J
10	568	5.9	121	J	5.3	-4	283	0.8	-3.2	0.9	4	J
11	569	5.7	117	J	4.5	21	294	1.0	-1.8	1.6	4	J
12	564	5.0	99	J	4.2	2	330	2.9	-1.6	0.7	2	J
13	568	4.4	86	J	3.8	-31	311	1.9	-2.7	-0.9	2	J
14	560	4.1	76	J	3.8	-16	333	2.7	-1.6	-0.4	2	J
15	554	3.6	96	J	3.9	6	328	3.2	-1.8	0.9	1	J
16	539	3.6	115	J	3.8	-8	334	3.2	-1.6	-0.2	1	J
17	545	3.8	96	J	3.9	-14	339	2.1	-2.7	-0.4	2	J
18	536	4.0	122	J	3.6	-2	338	2.9	-1.2	0.0	2	J
19	531	4.1	151	J	3.1	-5	342	2.7	-0.9	-0.2	1	J
20	531	3.5	101	J	3.0	-18	320	1.7	-1.4	-0.7	2	J
21	545	3.6	77	J	3.2	-15	263	-0.4	-2.9	-0.9	1	J
22	546	3.5	84	J	3.0	-25	239	-1.4	-2.2	-1.4	1	J
23	521	3.3	85	J	3.3	-23	266	-0.2	-2.6	-1.3	2	J
24	509	3.4	83	J	2.9	-5	236	-0.7	-1.1	-0.2	2	J

JUL. 12, 1977 193

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	501	3.9	118	J	1.7	-3	189	-1.6	-0.2	-0.1	1	J
2	481	3.8	80	J	1.7	-24	184	-1.1	-0.1	-0.5	1	J
3	474	4.2	112	J	2.1	6	326	1.6	-1.0	0.2	1	J
4	477	4.2	93	J	2.0	19	308	1.0	-1.3	0.7	1	J
5	470	3.9	60	J	1.8	3	200	-1.4	-0.5	0.1	1	J
6	464	4.4	66	J	1.7	-1	230	-0.4	-0.5	0.1	2	J
7	444	3.5	85	J	3.1	-7	321	2.3	-1.9	0.1	1	J
8	428	4.2	88	J	2.8	19	332	2.3	-0.9	1.2	1	J
9	416	4.2	58	J	3.2	-9	337	2.6	-1.2	-0.1	1	J
10	417	4.4	48	J	3.5	-3	334	2.9	-1.4	0.3	1	J
11	407	4.6	45	J	3.5	0	352	3.3	-0.4	0.2	1	J
12	404	5.3	58	J	3.8	-7	346	3.6	-1.0	-0.1	1	J
13	391	5.3	73	J	3.9	7	348	3.7	-0.6	0.7	1	J
14	393	5.6	69	J	3.7	7	331	3.2	-1.5	1.0	1	J
15	386	5.9	68	J	3.1	0	335	2.5	-1.1	0.3	1	J
16	383	6.5	61	J	3.5	-15	319	2.4	-2.2	-0.4	1	J
17	379	6.5	63	J	3.9	14	318	2.7	-2.3	1.3	1	J
18	374	6.5	26	J	4.1	18	335	3.5	-1.5	1.4	0	J
19	369	7.2	37	J	3.8	12	337	2.9	-1.2	0.7	2	J
20	370	7.5	39	J	3.7	-18	4	2.9	0.2	-1.0	2	J
21	376	8.0	34	J	4.3	37	318	2.5	-2.3	2.4	1	J
22	373	8.7	38	J	4.0	30	329	2.8	-1.8	1.8	2	J
23	372	10.5	49	J	3.1	-39	9	1.9	0.4	-1.6	2	J
24	380	11.8	46	J	3.2	-82	302	0.2	-0.1	-2.3	2	J

07/13/77 - 07/22/77

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 13, 1977							194
1	379	10.1	49	J	3.9	-36	322	1.8	-1.4	-1.8	3	J
2	384	10.2	46	J	4.7	-2	296	1.8	-3.6	-0.2	2	J
3	387	11.7	60	J	5.3	22	308	2.9	-3.6	2.1	2	J
4	426	12.4	59	J	5.5	-66	176	-1.9	-5.2	-4.3	3	J
5	400	13.4	64	J	6.0	-83	32	0.4	-0.3	-3.6	5	J
6	389	13.9	109	J	5.1	34	360	3.4	2.4	2.3	3	J
7	397	12.3	75	J	5.4	35	303	1.9	-2.3	3.1	4	J
8	398	12.0	68	J	5.3	20	302	2.4	-3.2	2.7	2	J
9	397	10.7	64	J	5.9	23	314	3.2	-2.5	2.9	3	J
10	393	10.1	80	J	6.4	26	334	5.0	-1.4	3.4	2	J
11	404	12.7	63	J	4.8	15	323	3.5	-2.0	2.0	2	J
12	433	12.7	72	J	3.8	-15	348	2.9	-0.9	-0.5	2	J
13	402	12.0	55	J	4.1	-33	180	-3.3	-0.7	-2.0	2	J
14	398	12.9	57	J	3.2	-56	6	0.8	-0.3	-1.2	3	J
15	395	12.2	51	J	3.8	-17	183	-2.9	-0.4	-0.8	2	J
16	393	10.6	48	J	4.6	-9	232	-3.1	-1.3	-0.2	3	J
17	399	10.0	59	J	5.0	-2	232	-2.5	-3.2	0.4	3	J
18	398	8.8	46	J	4.9	3	259	-0.8	-4.2	0.7	2	J
19	399	9.5	48	J	4.8	-4	280	0.8	-4.3	-0.1	2	J
20	388	10.9	62	J	4.8	-9	307	2.8	-3.7	-0.7	1	J
21	396	11.7	53	J	4.2	-17	300	1.8	-3.0	-1.2	2	J
22	393	12.7	48	J	5.0	-6	298	2.1	-3.8	-0.7	3	J
23	438	12.0	46	J	5.9	-24	299	2.5	-4.3	-2.5	2	J
24	454	15.6	53	J	4.9	-26	221	-2.8	-2.4	-2.0	3	J
					JUL. 14, 1977							195
1	406	22.2	32	J	6.5	-9	147	-5.4	3.5	-0.9	1	J
2	404	25.7	38	J	6.3	-17	161	-5.1	1.7	-1.6	3	J
3	419	14.6	78	J	8.4	-34	300	3.2	-5.8	-4.1	3	J
4	435	19.3	102	J	8.9	-52	316	2.2	-2.3	-3.6	8	J
5	445	29.4	108	J	7.2	64	341	1.5	-0.0	3.2	6	J
6	432	28.8	102	J	8.9	27	288	1.5	-4.0	3.3	7	J
7	441	38.9	93	J	5.2	21	80	0.7	4.5	0.6	3	J
8	444	29.5	104	J	8.2	-28	117	-2.4	3.8	-4.1	6	J
9	442	22.0	107	J	9.5	1	177	-6.8	0.4	-0.0	7	J
10	451	25.0	139	J	12.4	51	184	-7.8	2.9	9.2	1	J
11	464	11.6	162	J	10.2	-9	121	-4.9	7.1	-4.4	3	J
12	460	11.5	147	J	10.1	21	142	-7.2	6.5	1.2	2	J
13	448	10.4	69	J	9.5	11	152	-8.1	4.7	0.2	1	J
14	466	9.6	134	J	7.9	17	139	-5.1	4.8	0.5	4	J
15	460	10.0	133	J	6.2	15	175	-5.5	0.9	1.3	3	J
16	466	8.6	131	J	7.8	8	129	-4.6	5.8	-3.3	3	J
17	462	7.9	115	J	7.5	6	120	-3.6	6.2	-0.3	2	J
18	449	6.9	86	J	7.2	7	134	-4.8	5.1	0.3	2	J
19	461	7.8	113	J	6.8	8	148	-5.5	3.5	0.7	2	J
20	472	7.3	111	J	6.5	14	125	-3.3	4.8	1.4	2	J
21	484	7.4	119	J	6.0	-3	128	-2.8	3.6	-0.2	4	J
22	466	6.1	92	J	6.8	40	134	-3.4	3.3	4.3	2	J
23	463	5.9	82	J	6.5	29	144	-4.4	3.0	3.2	2	J
24	472	6.0	68	J	5.6	-27	130	-2.7	3.3	-2.0	3	J
					JUL. 15, 1977							196
1	472	6.3	86	J	5.6	-32	127	-2.2	3.3	-2.2	4	J
2	459	7.4	69	J	5.7	-58	134	-1.9	1.9	-4.4	2	J
3	440	6.9	87	J	5.8	-4	145	-4.7	3.3	-0.6	3	J
4	443	8.2	90	J	5.2	-42	145	-1.9	1.1	-2.2	4	J
5	454	0.0	0	H								
6	446	0.0	0	H								
7	425	10.4	59	J	6.7	-6	159	-4.9	1.7	-1.0	4	J
8	435	11.9	103	J	6.3	13	136	-3.9	3.7	0.1	3	J
9	439	8.0	63	J	7.6	-2	134	-5.0	4.8	-2.0	3	J
10	458	7.5	48	J	8.0	-3	132	-5.3	5.3	-2.5	1	J
11	459	9.0	61	J	7.6	9	133	-5.1	5.5	-0.9	1	J
12	457	8.5	60	J	7.3	3	137	-5.1	4.6	-1.4	2	J
13	451	9.7	108	J	6.8	-1	150	-5.5	2.9	-1.2	2	J
14	462	7.6	51	J	7.9	9	115	-3.3	7.0	-1.2	2	J
15	453	0.0	0	H	8.7	17	123	-4.3	7.0	0.4	3	J
16	462	7.6	86	J	7.9	3	129	-4.5	5.5	-1.0	3	J
17	421	0.0	0	H	7.8	8	173	-6.9	1.0	0.8	4	J
18	453	8.0	109	J	8.5	16	175	-5.5	0.7	1.5	6	J
19	446	7.3	141	J	8.3	14	146	-5.2	3.6	1.3	5	J
20	449	6.3	96	J	8.4	16	146	-6.1	4.1	2.0	4	J
21	473	0.0	0	H	8.3	-17	153	-4.3	2.2	-1.4	7	J
22	493	0.0	0	H	8.8	26	137	-5.3	4.8	3.7	3	J
23	509	0.0	0	H	8.4	-4	121	-3.2	5.3	-0.2	6	J
24					8.1	26	117	-2.1	4.0	2.4	6	J
					JUL. 16, 1977							197
1	534	0.0	0	H	7.9	41	102	-1.0	4.7	4.3	4	J
2	524	0.0	0	H	8.9	-2	116	-3.6	7.4	-0.4	3	J
3	569	0.0	0	H	9.3	23	158	-5.6	2.4	2.4	7	J
4	497	0.0	0	H	8.5	19	126	-4.5	6.0	1.9	3	J
5	496	0.0	0	H	7.7	2	103	-1.4	6.2	-0.8	4	J
6	494	0.0	0	H	8.4	3	81	1.2	7.8	-1.2	3	J
7	511	0.0	0	H								
8	525	0.0	0	H								
9	563	0.0	0	H								
10	580	0.0	0	H								
11	605	0.0	0	H								
12	622	0.0	0	H								
13	628	0.0	0	H	7.9	-45	84	0.5	2.7	-6.2	4	J
14	617	0.0	0	H								
15	613	0.0	0	H	5.6	-73	93	-0.1	-0.0	-5.5	6	J
16	644	0.0	0	H	6.6	-21	128	-3.2	3.5	-3.0	3	J
17	658	0.0	0	H	6.5	-21	142	-3.8	2.6	-2.4	4	J
18	671	0.0	0	H	6.1	-15	137	-3.7	3.2	-1.8	3	J
19	719	0.0	0	H	5.5	-42	168	-3.6	0.5	-3.3	3	J
20	723	0.0	0	H	6.3	-3	125	-3.1	4.4	-0.4	3	J
21	723	0.0	0	H	6.1	-9	131	-3.2	3.7	-0.7	4	J
22	722	0.0	0	H								
23	705	0.0	0	H	7.0	19	133	-4.0	4.2	2.2	3	J
24	688	0.0	0	H	7.2	-10	125	-3.4	5.0	-0.9	4	J
					JUL. 17, 1977							198
1	715	0.0	0	H	6.5	49	118	-1.8	3.3	4.4	3	J
2	707	0.0	0	H	6.7	24	117	-2.4	4.8	2.2	3	J
3	698	0.0	0	H	6.4	35	121	-2.2	3.9	2.8	4	J
4	703	0.0	0	H								
5	693	0.0	0	H								
6	687	0.0	0	H								
7	637	0.0	0	H								
8	659	0.0	0	H								
9	647	0.0	0	H								
10	643	0.0	0	H								
11	653	0.0	0	H								
12	636	0.0	0	H								
13	633	0.0	0	H								
14	653	0.0	0	H								
15	630	0.0	0	H								
16	628	0.0	0	H								
17												
18	618	0.0	0	H								
19	624	0.0	0	H								
20	619	0.0	0	H								
21												
22												
23	612	0.0	0	H								
24	610	0.0	0	H								
					JUL. 18, 1977							199
1	608	0.0	0	H								
2	613	0.0	0	H								
3	647	0.0	0	H								
4	587	0.0	0	H								
5	575	0.0	0	H								
6	563	0.0	0	H								
7	535	0.0	0	H								
8	509	0.0	0	H								
9	500	0.0	0	H								
10	535	0.0	0	H								
					JUL. 21, 1977							202
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	513	4.1	62	J	3.4	-40	37	1.8	1.2	-1.9	2	J
21	515	4.8	66	J	4.0	-34	2	2.8	0.1	-1.9	2	J
22	512	5.5	61	J	3.6	-14	32	2.9	1.8	-0.8	1	J
23	506	6.2	62	J	3.5	-16	41	2.5	2.1	-0.9	1	J
24	499	6.2	70	J	2.8	-18	38	1.6	1.2	-0.7	2	J
					JUL. 22, 1977							203
1	489	5.7	60	J	3.4	-1	113	-1.3	3.0	-0.1	1	J
2	479	7.1	78	J	3.3	1	133	-1.8	2.0	-0.1	2	J
3	482	8.2	67	J	4.0	43	104	-0.5	2.1	1.6	3	J
4	485	8.0	56	J	3.9	36	57	1.5	2.6	1.7	2	J
5	490	8.2	64	J	5.7	-19	11	5.2	0.6	-2.0	1	J
6	491	9.1	70	J	4.7	-27	42	2.3	1.6	-2.1	3	J
7	495	10.2	83	J	5.0	-31	303	1.8	-3.2	-1.1	3	J
8	492	10.6	87	J	5.6	-65	60	0.8	0.2	-3.9	4	J
9	492	8.3	79	J	5.3	-8	105	-1.1	3.7	-2.1	3	J
10	489	6.6	75	J	5.7	-4	121	-2.8	4.1	-2.2	2	J
11	487	6.7	66	J	5.0	-5	89	0.1	4.2	-2.3	1	J
12	484	7.4	72	J	4.6	7	69	1.5	3.8	-1.2	1	J
13	473	5.9	65	J	4.6	8	51	2.8	3.4	-0.8	1	J
14	478	6.2	56	J	4.4	3	41	3.2	2.7	-0.8	1	J
15	476	6.4	58	J	4.3	9	49	2.7	3.2	-0.4	1	J
16	478	6.2	59	J	4.2	13	16	3.6	1.2	0.5	2	J
17	472	5.8	57	J	4.3	-8	1	3.2	-0.0	-0.4	3	J
18	485	5.0	91	J	4.0	34	148	-1.7	1.3	1.1	3	J
19	497	4.7	110	J	3.0	-15	282	0.2	-1.0	-0.2	3	J
20	490	5.6	116	J	3.2	2	257	-0.3	-1.2	0.1	3	J
21	483	6.5	116	J	2.8	-30	244	-0.5	-1.0	-0.6	3	J
22	481	6.8	111	J	3.1	-17	130	-0.9	1.0	-0.4	3	J
23	466	7.3	97	J	3.1	-9	18	2.5	0.8	-0.4	2	J
24	461	6.1	75	J	3.2	27	5	2.7	0.2	1.4	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					JUL. 23, 1977							204
1	459	7.8	95	J	4.2	-5	287	0.7	-2.4	-0.1	3	J
2	452	7.1	87	J	5.3	-28	210	-4.0	-2.4	-2.3	1	J
3	450	7.2	87	J	4.6	-5	218	-3.4	-2.7	-0.1	2	J
4	444	6.8	78	J	5.3	21	146	-4.0	2.8	1.4	2	J
5	438	7.4	78	J	6.1	16	134	-4.0	4.4	0.8	1	J
6	456	8.3	82	J								
7	451	8.1	74	J								
8	465	7.5	96	J	5.9	33	173	-4.3	1.4	2.2	3	J
9	471	6.3	94	J	5.1	13	216	-3.9	-2.2	2.1	1	J
10	465	5.3	94	J	4.0	-4	199	-3.7	-1.3	0.1	1	J
11	455	5.4	60	J	3.8	3	210	-3.0	-1.5	0.9	2	J
12	460	5.6	57	J	3.8	-13	221	-1.6	-1.5	0.2	3	J
13	458	5.7	74	J	3.1	-5	167	-1.4	-0.8	-0.2	3	J
14	453	5.1	37	J	5.1	9	205	-4.5	-1.7	1.4	1	J
15	451	5.3	31	J	5.8	5	200	-5.4	-1.7	1.1	1	J
16	447	5.2	39	J	5.9	6	188	-5.8	-0.6	0.8	1	J
17	437	5.6	51	J	5.9	8	181	-5.7	0.1	0.8	1	J
18	427	4.8	54	J	5.3	7	179	-5.1	0.2	0.6	1	J
19	422	5.5	59	J	5.3	12	176	-5.0	0.3	1.0	1	J
20	419	6.7	50	J	6.6	22	168	-5.8	1.4	2.3	2	J
21	423	7.0	55	J	5.9	18	158	-4.6	1.9	1.5	3	J
22	443	6.6	88	J	5.7	9	139	-4.0	3.5	0.6	2	J
23	435	7.0	71	J	5.4	4	123	-2.9	4.4	0.3	1	J
24												
					JUL. 24, 1977							205
1	417	8.9	82	J	6.6	21	166	-5.5	2.2	2.0	2	J
2	410	7.9	49	J	6.5	17	162	-5.7	2.1	1.5	1	J
3	408	7.1	46	J	6.9	19	170	-5.4	1.3	1.7	1	J
4	452	7.5	73	J	3.4	10	232	-2.3	-2.7	1.4	1	J
5	452	6.8	80	J	4.1	20	206	-3.3	-1.1	1.6	1	J
6	446	7.0	67	J	7.4	25	187	-0.8	2.9	0.3	2	J
7	444	7.6	69	J	4.8	-2	84	0.4	3.8	-1.7	2	J
8	439	7.7	71	J	3.4	-46	75	0.6	1.0	-2.9	2	J
9	433	7.6	80	J	2.7	-62	92	-0.1	0.9	-2.1	1	J
10	432	7.4	70	J	3.1	-64	55	0.5	-0.1	-2.0	2	J
11	430	7.6	67	J	3.3	8	359	1.7	0.1	-2.2	3	J
12	415	8.2	55	J	4.0	-5	121	-1.9	2.9	-1.5	1	J
13	411	9.6	52	J	4.1	10	140	-2.6	2.3	-0.2	2	J
14	417	10.6	57	J	4.7	-7	77	-0.8	3.3	-1.5	3	J
15	414	10.9	63	J	4.9	30	154	-3.6	2.2	1.8	2	J
16	414	10.8	57	J	5.6	-52	47	2.2	1.6	-4.4	2	J
17	422	12.2	58	J	4.9	-47	36	1.9	1.1	-2.7	4	J
18	421	12.8	56	J	5.2	-40	51	2.4	2.7	-3.4	2	J
19	412	12.0	52	J	4.6	4	104	-1.0	4.2	-0.1	2	J
20	417	13.8	63	J	3.7	55	168	-1.1	0.3	1.3	3	J
21	423	15.3	74	J	2.3	7	313	0.9	-0.9	0.2	2	J
22	428	13.7	84	J	2.5	-14	351	2.2	-0.4	-0.5	1	J
23												
24												
					JUL. 25, 1977							206
1	428	10.9	78	J	2.9	-19	314	1.4	-1.5	-0.7	2	J
2	423	7.6	57	J	4.0	57	279	0.3	-1.7	3.2	2	J
3	411	6.4	43	J	4.1	63	162	-1.6	0.9	3.3	1	J
4	411	5.9	62	J	3.5	31	128	-1.8	2.6	1.4	0	J
5	413	7.1	58	J	1.7	-16	230	-1.4	-0.6	-0.3	1	J
6	435	5.4	72	J	3.2	29	153	-2.4	1.6	1.1	1	J
7	398	4.8	90	J	3.7	26	162	-3.1	1.4	1.2	1	J
8	396	5.0	90	J	3.6	-11	159	-3.2	0.9	-1.1	1	J
9	398	4.9	73	J	3.4	3	148	-2.6	1.5	-0.5	2	J
10	394	5.0	75	J	3.4	13	143	-2.6	2.1	-0.1	0	J
11	392	5.7	62	J	3.5	25	139	-2.5	2.4	0.4	1	J
12	395	5.1	53	J	3.3	14	139	-2.3	2.1	+0.2	1	J
13	393	5.4	43	J	3.1	-23	120	-1.1	1.4	-1.6	2	J
14	391	5.5	56	J	2.9	-1	131	-1.6	1.7	-0.8	1	J
15	390	5.4	50	J	3.3	-11	124	-1.8	2.2	-1.5	1	J
16	385	5.1	55	J	2.8	-25	140	-1.9	1.2	-1.6	1	J
17	377	5.6	40	J	3.0	-14	163	-2.7	0.6	-0.9	1	J
18	374	6.2	26	J	3.2	1	161	-3.0	1.0	-0.1	0	J
19	374	6.3	31	J	3.0	-4	161	-2.8	0.9	-0.3	0	J
20	377	6.0	34	J	2.9	-16	161	-2.4	0.8	-0.8	1	J
21	375	6.8	39	J	3.0	-22	160	-2.5	0.9	-1.1	1	J
22	375	8.1	41	J	3.2	-12	166	-2.9	0.7	-0.7	1	J
23	376	10.1	47	J	3.4	-19	163	-2.1	0.6	-0.8	3	J
24	373	9.8	38	J	3.5	5	139	-2.6	2.2	0.2	1	J
					JUL. 26, 1977							207
1	376	10.2	36	J	3.2	14	121	-1.5	2.5	0.6	1	J
2	365	9.4	37	J	4.0	19	139	-2.8	2.5	1.1	1	J
3	365	9.2	27	J	4.3	38	133	-2.1	2.0	2.2	2	J
4	367	9.8	20	J	4.1	29	106	-0.9	3.5	1.3	1	J
5	363	10.2	30	J	3.1	21	149	-2.4	1.6	2.7	1	J
6	357	8.7	39	J	3.9	23	173	-3.6	0.8	1.4	1	J
7	352	8.2	36	J	4.0	25	164	-3.2	1.4	1.2	1	J
8	346	8.7	40	J	4.3	17	175	-3.5	0.7	0.9	0	J
9	348	8.7	39	J	3.7	-7	150	-3.1	1.5	-1.1	1	J
10	339	8.6	25	J	3.3	-9	149	-2.5	1.2	-1.0	2	J
11	344	8.6	26	J	3.2	-13	121	-1.6	2.1	-1.8	2	J
12	338	8.8	18	J	3.2	-6	140	-2.4	1.7	-1.2	0	J
13	338	8.9	15	J	3.4	-2	139	-2.6	2.0	-1.0	0	J
14	338	8.9	17	J	3.5	-3	145	-2.8	1.7	-0.9	1	J
15	335	10.1	14	J	2.9	-15	141	-2.1	1.3	-1.3	1	J
16	334	8.2	14	J	3.2	-31	152	-2.4	0.7	-2.0	0	J
17	332	9.5	13	J	3.0	10	128	-1.7	2.2	-0.1	1	J
18	332	10.8	12	J	2.3	-3	140	-1.7	1.4	-0.4	0	J
19	335	10.4	11	J	2.5	8	151	-2.1	1.2	0.2	1	J
20	330	9.8	12	J	2.7	17	158	-2.1	0.9	0.6	1	J
21	330	10.7	11	J	2.7	46	165	-1.7	0.6	1.8	1	J
22	328	10.5	10	J	2.6	40	160	-1.8	0.7	1.6	1	J
23	327	10.8	12	J	2.1	19	147	-1.6	1.0	0.6	1	J
24	324	10.4	13	J	2.3	18	145	-1.4	1.0	0.5	1	J
					JUL. 27, 1977							208
1	322	10.7	13	J	2.5	57	153	-1.2	0.7	2.0	1	J
2	321	11.1	13	J	2.8	64	86	0.1	1.3	2.2	1	J
3	317	11.4	13	J	2.3	-4	148	-1.9	1.1	-0.3	1	J
4	316	12.3	13	J	2.1	-2	155	-1.9	0.9	-0.2	0	J
5	315	13.3	13	J	1.9	-13	162	-1.8	0.5	-0.5	0	J
6	314	14.0	12	J	1.8	-2	175	-1.8	0.1	-0.1	0	J
7	312	15.2	12	J	1.7	-7	174	-1.6	0.1	-0.2	1	J
8	311	16.6	12	J	2.0	9	150	-1.6	1.0	-0.1	0	J
9	308	16.2	14	J	1.9	6	168	-1.8	0.4	0.0	0	J
10	309	15.7	13	J	1.9	19	167	-1.4	0.5	0.3	1	J
11	313	16.0	13	J	2.4	15	140	-1.7	1.5	-0.1	1	J
12	309	16.8	13	J	2.1	-48	190	-1.0	-0.6	-0.9	2	J
13	313	15.9	11	J	1.7	-13	286	0.4	-1.5	0.3	1	J
14	309	12.7	18	J	2.9	16	309	1.7	-1.6	1.5	1	J
15	303	11.0	15	J	3.5	12	325	2.7	-1.5	1.3	1	J
16	302	10.8	13	J	3.7	2	331	3.1	-1.6	0.6	1	J
17	304	12.0	12	J	3.1	-5	320	2.4	-2.0	0.2	1	J
18	304	16.4	11	J	1.8	23	308	0.6	-0.9	0.7	1	J
19	304	16.8	11	J	2.0	13	317	1.0	-0.9	0.4	1	J
20	304	16.5	12	J	2.1	-32	316	1.2	-1.3	-0.9	1	J
21	308	10.3	19	J	4.1	-11	305	2.1	-3.1	-0.5	2	J
22	314	10.8	17	J	3.6	-30	314	2.0	-2.1	-1.6	2	J
23	314	11.8	13	J	2.4	-57	74	0.3	1.1	-2.0	1	J
24	308	15.4	14	J	2.1	-2	108	-0.6	1.8	-0.1	1	J
					JUL. 28, 1977							209
1	309	16.1	14	J	2.3	30	113	-0.7	1.8	1.0	1	J
2	313	13.5	13	J	2.6	-26	298	0.9	-1.7	-0.8	1	J
3	313	12.8	13	J	3.1	-17	290	1.0	-2.8	-0.5	1	J
4	313	11.6	16	J	3.4	-42	280	0.4	-2.6	-1.6	2	J
5	313	11.2	17	J	3.7	-3	290	1.2	-3.1	0.6	1	J
6	311	11.4	17	J	3.7	45	303	1.3	-1.3	3.0	1	J
7	302	0.0	0	H	3.9	35	280	0.5	-2.2	3.1	1	J
8	305	0.0	0	H	4.1	13	273	0.2	-3.4	2.3	1	J
9	303	0.0	0	H	3.5	-8	300	1.5	-2.5	0.7	2	J
10	305	0.0	0	H	3.5	6	339	3.2	-0.9	0.8	1	J
11	305	0.0	0	H	3.7	-14	342	3.3	-1.4	-0.3	1	J
12	302	0.0	0	H	3.4	-28	288	0.7	-2.3	-0.1	3	J
13	305	0.0	0	H	3.2	-51	331	1.4	-1.5	-1.4	2	J
14	312	0.0	0	H								
15	324	0.0	0	H								
16	319	0.0	0	H								
17	316	0.0	0	H								
18	311	0.0	0	H	5.7	-2	275	0.4	-4.7	0.8	3	J
19	313	0.0	0	H	6.1	11	351	4.8	-0.6	1.0	4	J
20	313	0.0	0	H	6.1	18	328	4.6	-2.7	2.0	2	J
21	319	0.0	0	H								
22	326	0.0	0	H								
23	329	0.0	0	H	6.6	13	300	3.2	-5.4	1.7	1	J
24	332	0.0	0	H	6.1	-33	308	2.4	-3.2	-2.4	4	J
					JUL. 29, 1977							210
1	336	0.0	0	H								
2												
3												
4												
5	418	0.0	0	H								
6	430	0.0	0	H								
7	430	0.0	0	H								
8	420	0.0	0	H								
9	417	0.0	0	H								
10	407	0.0	0	H								
11	410	0.0	0	H								
12	416	0.0	0	H								
13	413	0.0	0	H								
14	416	0.0	0	H								
15	409	0.0	0	H								
16	321	0.0	0	H								
17	436	0.0	0	H								
18	398	0.0	0	H								
19	393	0.0	0	H								
20	399	0.0	0	H								
21	409	0.0	0	H								
22	424	0.0	0	H								
23	415	0.0	0	H								
24	416	0.0	0	H								
					JUL. 30, 1977							211
	418	0.0	0	H								
	432	0.0	0	H								
	433	0.0	0	H								
	432	0.0	0	H								
	462	0.0	0	H								
	461	0.0	0	H								
	458	0.0	0	H								
	458	0.0	0	H								
	474	0.0	0	H								
	465	0.0	0	H								
	478	0.0	0	H								
	476	0.0	0	H								
	467	0.0	0	H								
	475	0.0	0	H								
	477	0.0	0	H								
	479	0.0	0	H								
	476	0.0	0	H								
	475	0.0	0	H								
	479	0.0	0	H								
	472	0.0	0	H								
	471	0.0	0	H								
	474	0.0	0	H								
	457	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 31, 1977							212
1	457	0.0	0	H								
2	449	0.0	0	H								
3	453	0.0	0	H								
4												
5												
6	457	0.0	0	H								
7	455	0.0	0	H								
8	442	0.0	0	H								
9	444	0.0	0	H								
10	451	0.0	0	H								
11	433	0.0	0	H								
12	442	0.0	0	H								
13	440	0.0	0	H								
14	451	0.0	0	H								
15	449	0.0	0	H								
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
					AUG. 2, 1977							214
1	334	17.9	25	J	6.7	22	92	-0.2	6.1	-0.3	3	J
2	328	21.0	22	J	5.9	24	65	2.1	5.1	0.3	2	J
3	324	22.9	24	J	5.3	28	40	3.4	3.5	1.3	1	J
4	329	28.7	17	J	3.1	35	2	2.3	0.5	1.5	1	J
5	324	27.9	17	J	4.2	16	338	3.6	-1.2	1.4	1	J
6	318	23.3	15	J	4.4	24	340	3.7	-1.0	2.0	1	J
7	312	21.8	13	J	3.9	21	353	3.5	-0.3	1.4	1	J
8	310	22.7	15	J	3.7	32	11	2.9	0.7	1.8	1	J
9	312	20.5	17	J	4.1	22	35	3.1	2.3	1.4	1	J
10	311	23.1	17	J	4.1	9	34	3.2	2.2	0.5	1	J
11	309	27.4	17	J	4.0	-18	31	3.1	1.8	-1.3	1	J
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
					AUG. 3, 1977							215
1	314	32.2	16	J	2.3	-21	346	1.1	-0.3	-0.4	2	J
2	311	31.0	17	J	2.1	30	204	-1.4	-0.5	1.0	1	J
3	313	31.0	17	J	1.7	28	8	1.5	0.3	0.8	1	J
4	310	26.9	17	J	4.3	-26	320	2.6	-2.5	-1.2	2	J
5	304	23.9	16	J	4.7	-15	322	3.3	-2.8	-0.4	2	J
6	317	24.0	19	J	5.0	-34	312	2.6	-3.5	-1.6	2	J
7	306	22.3	18	J	5.2	-6	335	4.4	-2.1	0.3	2	J
8	305	23.1	18	J	5.0	-7	320	3.3	-2.8	0.6	2	J
9	310	23.0	17	J	3.9	-43	321	1.5	-1.8	-1.1	3	J
10	309	22.0	16	J	5.1	-23	302	2.2	-4.0	0.0	2	J
11	315	20.6	15	J	4.1	-27	313	2.0	-2.6	-0.3	2	J
12	324	17.9	17	J	4.5	11	305	2.4	-2.7	2.3	2	J
13	317	16.4	19	J	5.5	14	307	3.1	-3.1	3.0	1	J
14	323	17.6	22	J	5.5	9	299	2.5	-3.7	2.7	2	J
15	319	17.9	24	J	5.6	17	298	2.4	-3.5	3.2	2	J
16	324	17.7	20	J	6.1	29	278	0.7	-3.8	4.4	2	J
17	322	21.9	21	J	5.4	-45	1	1.8	-0.5	-1.8	5	J
18	334	29.2	15	J	6.1	-49	80	0.7	2.7	-5.3	1	J
19	333	26.1	19	J	6.8	-37	88	0.2	4.4	-4.8	2	J
20	321	24.0	25	J	8.3	-15	117	-3.4	6.4	-2.9	3	J
21	330	29.7	29	J	10.1	-9	111	-3.5	8.8	-2.4	2	J
22	323	30.5	36	J	9.6	-1	120	-4.5	7.8	-0.8	3	J
23	329	32.6	41	J	7.9	34	119	-2.8	5.3	3.5	4	J
24	334	32.3	40	J	9.0	-2	102	-1.8	8.4	-0.9	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 4, 1977							216
1	335	33.9	38	J	10.3	29	109	-2.9	8.8	4.1	2	J
2	332	35.4	42	J	10.2	6	110	-3.3	9.0	-0.2	3	J
3	331	25.3	21	J	12.4	6	112	-4.5	11.2	-0.6	3	J
4	339	28.2	18	J	11.4	8	107	-3.2	10.7	-0.8	2	J
5	374	26.6	33	J	10.0	49	71	2.0	7.3	5.2	4	J
6	351	34.1	65	J	5.5	31	44	2.2	2.6	1.1	4	J
7	350	28.7	61	J	5.9	-5	307	3.5	-4.6	1.2	1	J
8	352	22.4	49	J	7.3	-12	312	4.7	-5.4	0.7	2	J
9	354	27.2	52	J	4.2	-21	359	3.5	-0.6	-1.2	2	J
10	388	18.4	70	J	6.6	24	334	3.4	-0.7	2.3	5	J
11	417	12.2	183	J	5.8	-10	347	4.7	-1.4	-0.2	3	J
12	428	9.7	143	J	8.7	28	347	7.3	0.4	4.3	2	J
13	391	12.9	95	J	7.6	8	334	6.2	-2.3	2.3	3	J
14	402	12.0	74	J	8.3	4	315	5.0	-4.3	2.6	4	J
15	407	14.0	62	J	9.0	7	293	3.4	-7.0	4.2	2	J
16	409	16.1	54	J	8.9	24	293	3.1	-5.6	5.8	2	J
17	399	20.3	60	J	10.0	33	282	1.6	-5.6	6.8	5	J
18	387	19.5	67	J	10.3	-13	294	4.0	-9.2	-0.1	3	J
19	382	18.9	61	J	8.6	-31	289	2.3	-7.5	-3.0	2	J
20	385	20.6	55	J	6.6	-31	246	-1.9	-4.7	-2.2	4	J
21	383	22.2	47	J	6.9	2	282	1.4	-6.5	0.9	2	J
22	378	21.8	52	J	5.5	27	175	-3.9	0.5	2.0	3	J
23	375	26.0	47	J	4.9	18	122	-2.3	3.6	1.1	2	J
24	377	24.8	50	J	8.8	-5	117	-3.4	6.6	-1.2	5	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 5, 1977							217
1	380	27.0	56	J	7.7	-39	169	-5.2	0.6	-4.4	4	J
2	386	40.1	45	J	5.9	-47	218	-2.6	-2.5	-3.2	4	J
3	381	43.0	46	J	8.4	-20	221	-5.8	-5.5	-1.9	2	J
4	385	51.2	69	J	7.8	-12	215	-5.8	-4.3	-0.6	3	J
5	402	58.1	71	J	5.2	-17	130	-2.5	2.5	-1.9	3	J
6	458	27.4	187	J	18.3	15	288	3.6	-9.4	6.4	14	J
7	492	27.5	295	J	15.6	-43	161	-6.6	-0.3	-6.9	13	J
8	513	20.0	464	J	15.0	-83	267	-0.0	-4.0	-6.6	13	J
9	533	17.4	477	J	12.1	14	314	4.8	-3.7	3.7	10	J
10	591	12.5	401	J	11.0	-30	317	4.1	-4.9	-1.1	9	J
11	621	9.1	392	J	12.1	10	316	6.2	-4.5	4.2	8	J
12	650	7.3	314	J	9.4	30	306	3.4	-2.5	5.1	7	J
13	677	6.7	328	J	8.3	50	305	2.7	-0.8	6.8	4	J
14	676	6.0	210	J	9.2	-28	336	6.5	-4.2	-2.1	4	J
15	692	6.6	239	J	8.4	-7	317	5.0	-4.6	1.1	5	J
16	691	6.0	205	J	8.1	1	317	5.1	-4.4	1.8	4	J
17	677	5.9	193	J	8.1	29	359	6.4	0.9	3.4	4	J
18	678	6.1	204	J	8.3	24	357	5.9	0.3	2.6	5	J
19	662	6.2	205	J	8.3	-22	351	6.9	-1.6	-2.6	3	J
20	651	5.8	211	J	8.4	-10	335	7.0	-3.4	-0.9	3	J
21	691	5.5	257	J	9.0	38	328	4.3	-2.3	4.3	6	J
22	713	4.1	228	J	6.5	48	350	2.6	-0.2	3.0	5	J
23	696	3.7	155	J	6.4	19	322	4.2	-3.1	2.1	3	J
24	725	3.5	194	J	6.2	-11	305	2.7	-3.9	-0.4	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 6, 1977							218
1	694	3.7	144	J	6.2	16	358	5.1	-0.3	1.5	3	J
2	691	3.3	120	J	5.6	-1	330	4.5	-2.6	0.3	2	J
3	689	3.3	122	J	6.1	-9	327	4.5	-3.0	-0.3	3	J
4	687	3.6	219	J	6.0	-37	343	4.4	-2.1	-3.0	2	J
5	673	3.2	134	J	6.3	-3	335	5.1	-2.4	3.4	3	J
6	689	3.2	136	J	6.0	-3	342	4.6	-1.5	0.2	4	J
7	695	3.3	131	J	6.0	4	336	4.7	-1.8	1.1	3	J
8	725	3.4	249	J	6.1	16	304	2.8	-3.2	3.0	3	J
9	705	3.5	199	J	6.0	2	312	3.7	-3.6	2.9	2	J
10	707	2.9	190	J	5.5	6	321	3.1	-2.0	1.5	4	J
11	695	2.7	105	J	5.1	5	334	3.2	-1.2	1.0	3	J
12	725	3.0	214	J	4.9	4	309	2.4	-2.5	1.7	3	J
13	742	3.1	256	J	4.7	36	282	3.7	-1.7	3.5	2	J
14	730	3.0	195	J	4.6	27	296	1.3	-1.5	2.3	3	J
15	734	3.1	170	J	4.3	6	320	1.1	-0.8	0.5	4	J
16	692	3.7	111	J	4.4	-7	6	4.1	0.2	-0.6	1	J
17	692	3.5	109	J	4.1	-3	337	3.4	-1.4	0.3	2	J
18	734	3.2	268	J	3.7	12	207	-2.0	-0.9	0.7	3	J
19	711	2.8	145	J	4.6	-32	256	-0.7	-2.9	-1.2	3	J
20	696	3.1	137	J	4.9	41	301	1.9	-2.6	3.6	1	J
21	693	0.0	0	H								
22	653	0.0	0	H								
23	661	3.8	233	J	3.6	-14	358	2.2	-2.1	-0.5	3	J
24	654	3.7	244	J	3.9	-6	325	2.8	-2.0	-0.2	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 7, 1977							219
1	631	3.2	117	J	4.3	19	19	3.7	1.4	1.2	1	J
2	623	3.5	84	J	4.1	23	11	3.5	0.9	1.4	1	J
3	630	0.0	0	H								
4	634	4.2	126	J	3.8	-35	233	-1.9	-2.9	-1.6	0	J
5	633	4.2	119	J	3.7	-39	222	-2.0	-2.4	-1.6	1	J
6	631	3.9	106	J	3.6	-79	238	-0.2	-1.0	-1.7	3	J
7	630	4.3	114	J	4.2	-73	281	0.2	-2.1	-2.6	3	J
8	647	4.7	117	J	4.3	-46	233	-1.4	-2.7	-1.4	3	J
9	642	5.1	124	J	4.6	-62	246	-0.7	-3.0	-2.3	3	J
10	638	5.1	126	J	5.3	-68	225	-1.4	-2.2	-2.9	4	J
11	621	4.0	104	J	6.1	2	293	2.3	-4.7	2.8	2	J
12	612	4.2	166	J	5.2	-13	278	0.6	-4.4	1.2	3	J
13	606	4.6	180	J	5.6	2	297	2.1	-3.6	2.1	3	J
14	611	5.6	183	J	5.6	11	298	1.6	-2.4	1.9	4	J
15	603	6.2	196	J	5.4	-24	339	3.1	-1.7	-0.9	4	J
16	608	6.0	194	J	5.6	18	299	1.7	-3.7	3.1	2	J
17	595	5.5	202	J	5.4	2	333	3.6	-1.7	0.7	4	J
18	595	5.8	209	J	5.6	-2	350	4.2	-0.8	0.0	4	J
19	611	5.6	192	J	5.9	1	302	2.6	-4.1	0.9	3	J
20	624	5.0	151	J	5.6	-19	336	3.4	-1.7	-1.0	4	J
21	670	4.5	186	J	5.2	50	314	1.8	-1.5	3.3	3	J
22	648	4.6	323	J	4.5	3	329	3.2	-1.9	0.4	3	J
23	645	4.7	228	J	4.9	-21	328	3.3	-2.2	-1.3	3	J
24	669	5.5	225	J	5.1	28	332	2.3	-1.1	1.5	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 8, 1977							220
1	662	4.6	214	J	4.8	-29	317	2.4	-2.4	-1.5	3	J
2	672	4.3	194	J	4.5	-20	309	2.1	-2.8	-0.8	3	J
3	662	4.0	141	J	4.6	53	333	1.7	-0.4	2.7	3	J
4	645	4.1	129	J	5.0	44	9	2.3	0.9	2.1	4	J
5	620	4.3	83	J	4.9	-11	345	4.2	-1.3	-0.5	2	J
6	620	4.4	91	J	5.4	5	334	3.9	-1.7	1.0	3	J
7	615	4.3	81	J	5.6	-7	337	4.5	-2.0	0.2	3	J
8	613	4.8	106	J	5.7	3	314	3.7	-3.3	1.8	2	J
9	628	4.6	143	J	6.1	5	268	-0.2	-4.5	2.8	3	J
10	633	4.4	115	J	6.3	2	261	-0.9	-5.1	3.0	2	J
11	642	5.3	189	J	4.7	32	230	-2.1	-1.2	3.0	3	J
12	633	5.0	159	J	3.4	48	201	-1.6	0.4	1.9	3	J
13	632	4.8	183	J	3.6	34	199	-1.8	0.1	1.4	3	J
14	553	4.6	72	J	6.1	7	329	5.0	-2.4	2.0	2	J
15	559	4.5	62	J	6.2	-7	309	3.8	-4.6	1.3	1	J
16	575	5.4	90	J	5.5	-17	288	1.3	-4.1	0.3	3	J
17	586	5.7	97	J	5.5	19	297	1.5	-2.6	2.0	4	J
18	592	6.1	124	J	5.2	-10	272	0.1	-4.0	0.3	3	J
19	582	6.4	119	J	4.8	46	41	2.1	2.4	2.4	3	J
20	590	6.1	175	J	4.3	2	69	1.2	3.1	-0.4	3	J
21	575	0.0	0	H	4.6	-21	41	3.2	2.5	-1.9	1	J
22					3.4	-46	45	1.6	1.3	-2.5	2	J
23												
24	566	5.4	81	J	4.3	18	9	3.7	0.7	1.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 9, 1977							221
1	564	5.4	71	J	4.1	-10	357	3.7	-0.3	-0.6	1	J
2	579	5.3	119	J	3.7	2	239	-1.4	-2.3	0.4	3	J
3	561	5.4	77	J	4.6	-2	350	3.8	-0.7	-3.0	3	J
4	576	6.4	90	J	6.4	-7	295	2.2	-4.7	0.5	4	J
5	595	6.9	122	J	5.7	-13	276	0.3	-2.6	0.2	5	J
6	590	7.6	142	J	6.0	-24	293	1.9	-4.8	-0.5	3	J
7	579	6.9	117	J	5.7	-6	293	1.8	-4.7	1.4	2	J
8	579	6.0	90	J	6.0	-24	286	1.5	-5.7	0.0	1	J
9	561	7.2	65	J	6.1	-13	297	2.7	-5.3	1.2	1	J
10	560	7.9	71	J	5.8	-15	282	1.1	-5.2	1.2	2	J
11	549	0.0	0	H								
12	535	0.0	0	H								
13	533	0.0	0	H								
14	530	0.0	0	H	6.2	-16	260	-0.9	-5.4	1.0	3	J
15	534	0.0	0	H								
16	515	0.0	0	H								
17	510	0.0	0	H								
18	482	5.8	25	J	7.1	-29	216	-4.7	-4.1	-2.2	2	J
19	471	9.3	32	J	6.6	-31	229	-3.5	-4.7	-2.3	2	J
20	474	7.2	30	J	6.3	-25	242	-2.5	-5.1	-1.7	2	J
21	477	7.4	27	J	5.7	-23	243	-2.3	-4.8	-1.6	1	J
22	470	6.3	32	J	5.7	-25	236	-2.7	-4.2	-1.8	2	J
23	468	6.5	33	J	5.7	-28	240	-2.4	-4.4	-2.1	2	J
24	465	0.0	0	H	6.0	-14	229	-3.3	-3.9	-0.8	3	J
					AUG. 10, 1977							222
1	453	7.6	33	J	5.1	2	201	-4.4	-1.6	0.4	2	J
2	451	7.0	29	J	4.9	-20	172	-4.5	0.4	-1.7	1	J
3	458	5.2	29	J	5.2	-52	210	-2.5	-2.1	-3.3	2	J
4												
5	494	7.6	29	J	5.1	-12	282	1.0	-4.6	0.4	2	J
6	487	8.1	26	J	5.4	-7	282	1.1	-4.9	1.1	2	J
7	482	10.5	31	J	4.3	15	280	0.7	-3.2	2.5	1	J
8	503	6.8	39	J	4.7	4	307	2.7	-3.1	1.8	1	J
9	495	5.6	36	J	4.7	-15	307	2.7	-3.7	0.6	1	J
10	492	0.0	0	H								
11	489	0.0	0	H								
12	473	0.0	0	H								
13												
14												
15	471	0.0	0	H	7.8	-46	281	0.6	-4.4	-1.8	6	J
16	467	0.0	0	H	8.0	-18	307	4.5	-6.5	-0.0	1	J
17	466	21.7	22	J	8.9	-17	303	4.5	-7.4	-0.2	2	J
18	453	16.9	20	J	9.5	-11	307	5.6	-7.6	0.2	1	J
19	422	10.0	24	J								
20	457	12.9	21	J	9.4	27	306	4.8	-5.8	5.2	2	J
21	454	10.5	26	J	9.1	14	303	4.7	-6.9	3.1	2	J
22	452	8.0	37	J	9.2	2	306	5.3	-7.3	1.1	1	J
23	451	8.6	41	J								
24	453	10.4	55	J	7.6	-27	279	0.9	-6.0	-2.3	4	J
					AUG. 11, 1977							223
1	471	0.0	0	H	7.6	-42	259	-0.9	-5.0	-3.5	4	J
2	491	0.0	0	H								
3	478	0.0	0	H								
4	469	0.0	0	H								
5	484	0.0	0	H								
6	465	0.0	0	H								
7	468	0.0	0	H								
8	461	0.0	0	H								
9	460	0.0	0	H								
10	473	0.0	0	H								
11	470	0.0	0	H								
12	461	0.0	0	H								
13	461	0.0	0	H								
14	456	0.0	0	H								
15	456	0.0	0	H								
16	457	0.0	0	H								
17	459	0.0	0	H								
18	553	0.0	0	H								
19	497	0.0	0	H								
20	474	0.0	0	H								
21	484	0.0	0	H								
22	495	0.0	0	H								
23	521	0.0	0	H								
24	519	0.0	0	H								
					AUG. 12, 1977							224
1	523	0.0	0	H								
2	520	0.0	0	H								
3	514	0.0	0	H								
4	556	0.0	0	H								
5	514	0.0	0	H								
6	522	0.0	0	H								
7	532	0.0	0	H								
8	535	0.0	0	H								
9	555	0.0	0	H								
10	537	0.0	0	H								
11	541	0.0	0	H								
12	561	0.0	0	H								
13	537	0.0	0	H								
14	543	0.0	0	H								
15	547	0.0	0	H								
16	538	0.0	0	H								
17	556	0.0	0	H								
18	571	0.0	0	H								
19	573	0.0	0	H								
20	558	0.0	0	H								
21	549	0.0	0	H								
22	550	0.0	0	H								
23	553	0.0	0	H								
24	542	0.0	0	H								
					AUG. 13, 1977							225
1	539	0.0	0	H								
2	544	0.0	0	H								
3	544	0.0	0	H								
4	531	0.0	0	H								
5	534	0.0	0	H								
6	548	0.0	0	H								
7	527	0.0	0	H								
8	531	0.0	0	H								
9	486	0.0	0	H								
10	494	0.0	0	H								
11	501	0.0	0	H								
12	495	0.0	0	H								
13	498	0.0	0	H								
14	478	0.0	0	H								
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					AUG. 14, 1977							226
1												
2												
3												
4												
5												
6												
7												
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10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23	489	7.1	94	J	4.7	-38	133	-1.8	1.6	-2.3	3	J
24	477	6.0	99	J	5.6	26	141	-3.1	2.7	1.6	3	J
					AUG. 15, 1977							227
1	480	6.2	110	J	4.0	-4	139	-2.4	2.0	-0.5	2	J
2	482	5.8	81	J	5.6	-6	146	-4.4	2.8	-1.1	1	J
3	475	6.2	80	J	5.7	31	152	-3.8	2.5	2.1	2	J
4	477	5.5	75	J	5.4	23	147	-3.4	2.6	1.1	3	J
5	514	6.4	88	J	3.7	-47	112	-0.8	1.2	-2.8	2	J
6	497	6.6	81	J	5.1	12	148	-3.6	2.5	0.0	3	J
7	507	6.3	74	J	4.8	-18	129	-2.5	2.3	-2.5	2	J
8	516	6.5	94	J	3.9	-77	93	-0.0	-0.8	-3.2	2	J
9	511	7.1	107	J	4.2	-37	110	-1.0	1.4	-3.4	2	J
10	505	6.8	81	J	4.0	-26	125	-1.9	1.5	-2.8	1	J
11	502	5.7	88	J	3.2	25	166	-2.4	1.1	0.7	2	J
12	497	5.7	83	J	3.5	26	168	-2.7	1.2	0.9	2	J
13	490	5.6	85	J	3.7	10	158	-2.7	1.2	-0.1	2	J
14	491	5.5	83	J	3.4	10	137	-2.1	2.0	-0.5	2	J
15	489	5.3	78	J	3.3	27	132	-1.7	2.3	0.3	1	J
16	477	5.2	75	J	3.9	49	154	-2.1	2.0	2.1	2	J
17	474	4.5	68	J								
18	463	4.2	67	J	4.7	6	126	-2.6	3.5	-0.6	2	J
19	453	4.1	63	J	4.2	-11	134	-2.6	2.4	-1.3	2	J
20	449	4.4	66	J	4.3	2	124	-2.2	3.2	-0.5	2	J
21	446	4.9	64	J	4.5	-10	122	-2.2	3.4	-1.3	1	J
22	435	5.3	66	J	4.7	9	132	-2.8	3.2	0.2	2	J
23	430	5.9	73	J	5.0	12	132	-3.0	3.4	0.5	2	J
24	436	6.7	54	J	4.3	31	109	-1.1	3.4	1.6	2	J
					AUG. 16, 1977							228
1	435	7.6	50	J	4.1	22	89	0.0	2.9	0.7	3	J
2	428	8.1	46	J	4.3	7	101	-0.7	3.4	-0.2	3	J
3	422	8.4	49	J	5.5	48	137	-2.4	3.1	3.1	2	J
4	428	9.6	51	J	5.2	-7	103	-0.9	3.8	-1.6	3	J
5	418	7.2	58	J	6.5	19	156	-5.3	2.9	1.1	2	J
6	417	6.0	44	J	7.0	19	169	-6.4	2.0	1.6	1	J
7	405	5.5	44	J	7.2	8	164	-6.8	2.2	0.1	1	J
8	394	6.4	53	J	7.1	4	168	-6.7	1.5	-0.2	1	J
9	391	6.9	49	J	6.5	13	169	-6.0	1.7	0.7	1	J
10	385	7.1	40	J	6.9	8	164	-6.4	2.0	-0.1	2	J
11	378	9.8	38	J	7.1	-7	154	-6.1	2.1	-2.2	2	J
12	386	11.2	39	J	7.5	-11	150	-5.5	2.1	-2.7	4	J
13	417	9.2	42	J	9.3	-46	147	-5.0	-0.3	-7.0	4	J
14	422	9.2	55	J	10.3	-17	149	-8.4	3.0	-5.0	1	J
15	418	9.3	34	J	10.8	-8	156	-9.7	3.2	-3.2	1	J
16	452	8.6	99	J	9.7	-5	156	-8.7	3.2	-2.3	2	J
17	454	7.0	84	J	10.3	5	160	-9.5	3.6	-0.4	1	J
18	447	6.9	130	J	9.8	19	149	-7.9	5.4	1.7	1	J
19	461	5.9	115	J	10.7	20	154	-9.0	5.1	2.5	1	J
20	451	6.0	98	J	10.0	12	152	-8.6	4.9	1.1	1	J
21	426	9.8	94	J	8.7	24	147	-5.0	3.6	2.1	6	J
22	419	8.3	88	J	9.4	25	145	-6.5	5.0	3.1	4	J
23	431	7.9	112	J	8.8	22	147	-6.5	4.6	2.5	3	J
24	493	6.0	177	J	8.3	-2	159	-7.5	2.8	-0.7	2	J

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AUG. 17, 1977

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	518	6.6	127	J		9.2	17	144	-7.0	5.4	1.8	2	J
2	505	6.7	112	J		9.7	20	145	-7.2	5.6	2.2	2	J
3	508	8.3	175	J		9.5	14	126	-5.2	7.5	0.5	2	J
4	509	7.4	187	J		9.7	27	132	-5.7	7.2	2.4	2	J
5	505	12.2	148	J		9.8	23	72	2.0	6.9	0.6	7	J
6	506	13.2	140	J		10.3	58	96	-0.4	6.1	4.5	7	J
7	514	9.0	202	J		12.6	5	131	-7.9	8.7	-2.8	3	J
8	531	9.6	276	J		11.9	-6	138	-8.4	6.2	-4.5	4	J
9	553	8.1	198	J		13.0	-14	142	-9.3	4.9	-6.1	5	J
10	561	8.8	188	J		12.8	-17	148	-9.1	3.2	-5.7	6	J
11	605	8.3	206	J		10.7	-35	147	-6.1	0.8	-6.4	6	J
12	604	8.7	210	J		9.7	11	137	-5.8	5.4	-1.5	5	J
13	613	7.8	173	J		7.8	3	147	-5.7	3.4	-1.6	4	J
14	634	6.1	164	J		6.1	15	161	-4.2	1.8	0.4	4	J
15	662	6.1	198	J		5.8	-49	176	-2.5	-1.1	-2.6	4	J
16	640	5.7	158	J		5.7	4	161	-3.8	1.3	-0.3	4	J
17	654	5.8	200	J		6.3	-5	112	-2.1	4.6	-2.2	3	J
18	635	5.3	136	J		6.4	36	169	-4.4	1.8	2.8	3	J
19	624	4.6	118	J		6.1	21	162	-4.9	2.0	1.5	3	J
20	636	4.4	161	J		5.6	39	167	-3.7	1.4	2.9	3	J
21	642	4.0	180	J		5.4	-20	148	-3.3	1.8	-1.8	3	J
22	646	3.9	190	J		5.6	-24	132	-3.0	3.0	-2.4	3	J
23	639	4.1	190	J		5.6	-7	142	-3.8	2.9	-1.0	3	J
24	658	4.1	215	J		5.9	7	136	-3.9	3.8	0.1	2	J

AUG. 18, 1977

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	648	4.1	212	J		5.8	-8	141	-4.0	3.1	-1.2	2	J
2	628	3.6	98	J		6.1	0	156	-5.4	2.4	-0.5	2	J
3	629	3.7	108	J		6.3	-1	145	-5.0	3.4	-0.9	1	J
4	621	3.5	77	J		6.7	5	157	-6.1	2.6	-0.2	1	J
5	610	3.2	78	J		6.8	16	172	-6.2	1.4	1.4	2	J
6	618	3.5	96	J		6.5	15	177	-5.9	0.9	1.3	2	J
7	632	4.0	137	J		6.3	25	154	-4.6	3.1	1.2	3	J
8	640	4.3	192	J		6.2	18	170	-5.1	1.1	1.3	3	J
9	647	4.4	192	J		6.3	9	214	-4.9	-2.4	2.4	2	J
10	640	4.9	222	J		6.2	4	198	-5.5	-1.3	1.3	2	J
11	631	4.4	156	J		5.9	14	168	-5.0	1.6	0.5	3	J
12	626	4.2	117	J		5.5	8	170	-4.8	1.1	0.1	2	J
13	633	4.3	130	J		5.2	8	187	-4.0	-0.1	0.7	3	J
14	625	4.1	109	J		5.1	-4	165	-3.9	0.8	-0.7	3	J
15	624	4.4	131	J		5.5	5	209	-4.4	-2.0	1.5	2	J
16	628	4.5	140	J		5.7	1	221	-3.9	-3.1	1.4	2	J
17	612	4.9	115	J		5.9	15	172	-5.1	1.1	1.0	3	J
18	615	5.1	137	J		6.0	19	180	-4.7	0.5	1.6	3	J
19	619	5.1	153	J		6.2	27	193	-4.6	-0.4	2.6	3	J
20	623	5.2	184	J		6.5	37	204	-4.5	-1.2	4.0	2	J
21	623	4.6	156	J		6.7	25	180	-5.4	0.4	2.5	3	J
22	630	4.1	166	J		6.3	15	200	-5.4	-1.7	1.8	2	J
23	625	3.6	115	J		6.0	21	165	-5.0	1.6	1.8	2	J
24	641	3.0	175	J		6.8	24	163	-5.7	2.1	2.4	2	J

AUG. 19, 1977

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	668	3.8	235	J		5.7	5	155	-4.3	2.1	0.1	3	J
2	703	4.2	215	J		5.5	-61	118	-1.1	1.2	-4.6	2	J
3						6.5	-42	109	-1.3	2.7	-4.2	4	J
4	676	4.5	208	J		5.5	3	120	-2.1	3.6	-0.8	3	J
5	700	4.4	261	J		4.7	-11	102	-0.7	2.9	-1.7	3	J
6	665	3.1	139	J		4.3	18	134	-2.0	2.3	0.1	3	J
7	667	3.0	141	J		4.6	17	134	-2.8	3.1	-0.1	2	J
8	657	3.0	173	J		4.8	21	148	-3.6	2.7	0.4	2	J
9	648	3.2	204	J		4.1	-31	145	-2.4	0.6	-2.3	2	J
10	635	3.4	124	J		4.1	-7	147	-3.2	1.5	-1.5	2	J
11	621	3.5	94	J		4.6	-9	162	-4.2	0.8	-1.3	1	J
12	617	3.3	77	J		3.8	-5	151	-3.1	1.3	-1.2	1	J
13	605	3.6	94	J		4.2	-1	168	-4.0	0.7	-0.5	1	J
14	604	3.1	122	J		4.6	23	161	-3.6	2.0	0.9	1	J
15	595	3.4	153	J		4.3	11	161	-3.9	1.6	0.1	1	J
16	588	4.0	129	J		3.8	-14	134	-2.4	1.9	-1.6	1	J
17	580	4.0	128	J		4.3	20	146	-2.9	2.3	0.5	2	J
18	591	4.3	89	J		5.5	0	97	-0.6	4.7	-1.5	2	J
19	594	4.8	88	J		5.3	-21	82	0.6	3.9	-2.8	2	J
20	592	4.3	87	J		5.2	1	83	0.6	4.5	-0.9	2	J
21	584	4.1	94	J		4.9	8	106	-0.9	3.2	-0.1	4	J
22	589	4.2	107	J		4.9	21	89	0.1	3.7	0.8	3	J
23	590	3.0	70	J		5.6	-44	79	0.8	3.4	-4.4	1	J
24	583	3.5	76	J		5.0	-39	78	0.8	3.1	-3.5	2	J

AUG. 20, 1977

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	580	4.4	96	J		3.3	-63	28	0.8	0.1	-1.9	3	J
2	569	3.9	103	J		4.4	25	169	-3.1	0.9	1.3	3	J
3	564	3.9	71	J		4.3	15	172	-3.9	0.8	0.9	1	J
4	584	4.7	170	J									
5	586	4.0	169	J		3.3	5	217	-2.5	-1.7	0.9	1	J
6	575	4.5	146	J		3.3	-6	208	-2.6	-1.4	0.2	1	J
7													
8													
9													
10	538	3.7	116	J		2.5	-44	202	-1.7	-1.4	-1.2	1	J
11	535	3.5	91	J		3.1	36	124	-1.1	2.1	0.4	2	J
12	517	3.6	84	J		2.2	11	132	-1.4	1.3	-0.4	1	J
13	507	3.9	62	J		2.2	-36	137	-0.6	0.2	-0.8	2	J
14	512	4.1	72	J		2.1	-25	134	-0.8	0.4	-0.8	2	J
15	496	4.3	79	J		2.3	-12	153	-1.1	0.4	-0.5	2	J
16	480	4.6	98	J		3.0	28	180	-2.3	0.5	1.1	2	J
17	481	4.8	71	J		3.1	-31	134	-1.5	0.9	-1.8	2	J
18						3.5	6	149	-2.9	1.8	-0.3	1	J
19	460	5.2	45	J		3.3	13	146	-2.6	1.9	0.2	1	J
20	459	5.2	43	J		3.6	8	142	-2.7	2.2	-0.1	1	J
21	460	5.5	50	J		2.7	9	151	-1.8	1.1	0.1	2	J
22						1.0	86	252	-0.0	0.1	0.5	1	J
23						1.6	-87	242	-0.0	-0.2	-0.6	2	J
24	456	5.3	42	J		4.0	-9	230	-2.3	-2.6	-0.2	2	J
	455	4.9	44	J		3.9	9	217	-2.8	-2.0	0.9	1	J

AUG. 21, 1977

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	459	5.1	56	J		3.0	27	183	-2.2	0.1	1.1	2	J
2	463	4.8	48	J		3.6	33	168	-1.5	0.5	0.9	3	J
3	455	4.6	49	J		3.7	31	182	-2.9	0.3	1.7	1	J
4	449	5.0	67	J		2.8	24	141	-1.8	1.7	0.6	1	J
5													
6													
7													
8													
9						3.5	-31	5	2.9	-0.7	-1.6	1	J
10	442	4.6	50	J		3.3	-18	39	2.2	1.1	-1.7	1	J
11	428	4.6	45	J		3.3	32	85	0.1	1.7	0.0	3	J
12	420	4.6	48	J		2.9	53	178	-1.7	1.2	1.9	1	J
13	415	4.1	37	J		3.0	10	151	-1.9	1.1	-0.2	2	J
14	405	4.2	34	J		3.0	19	159	-2.4	1.2	0.3	1	J
15	408	4.5	38	J		3.0	3	152	-2.0	1.0	-0.4	2	J
16	405	4.4	34	J		2.9	14	143	-2.1	1.7	-0.0	1	J
17	406	4.4	28	J		3.2	19	131	-1.9	2.4	0.2	1	J
18						3.5	17	132	-2.2	2.6	0.2	1	J
19	404	5.0	27	J		3.8	34	134	-2.2	2.7	1.5	1	J
20						3.8	43	141	-2.2	2.3	2.2	1	J
21													
22	391	7.4	38	J		3.2	-6	42	1.9	1.7	-0.5	2	J
23	393	7.5	34	J		3.0	-8	25	2.1	0.9	-0.5	2	J
24	389	7.2	31	J		3.4	13	22	2.8	1.2	0.5	1	J

AUG. 22, 1977

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	385	7.8	34	J		3.2	10	23	2.7	1.2	0.3	1	J
2	382	7.8	30	J		3.5	8	36	2.6	2.0	0.1	1	J
3	376	7.1	27	J		3.9	4	36	3.0	2.2	-0.3	1	J
4	368	6.8	30	J		3.7	15	49	2.0	2.5	0.1	2	J
5						3.7	5	48	2.3	2.5	-0.6	1	J
6						4.2	8	58	2.2	3.5	-0.8	1	J
7													
8	353	5.9	33	J		3.4	8	70	0.9	2.5	-0.9	2	J
9						4.2	11	149	-3.5	2.2	-0.4	0	J
10	367	4.5	49	J		4.2	13	154	-3.7	2.0	-0.1	0	J
11	362	4.7	55	J		4.1	11	155	-3.6	1.9	-0.2	0	J
12						3.9	5	162	-3.6	1.2	-0.3	0	J
13	356	5.0	74	J		3.9	0	160	-3.7	1.1	-0.7	0	J
14						3.8	-2	146	-3.1	1.8	-1.2	0	J
15						3.4	-3	114	-1.3	2.4	-1.4	1	J
16	399	5.1	85	J		3.7	7	141	-2.7	2.2	-0.5	1	J
17	365	7.8	53	J		5.1	27	150	-3.0	2.3	1.0	3	J
18	366	8.2	31	J		4.5	-17	86	0.3	3.6	-2.5	1	J
19	368	8.6	33	J		4.1	-10	98	-0.5	3.4	-1.6	1	J
20	340	8.7	62	J		4.5	15	164	-4.0	1.4	0.8	1	J
21	338	7.4	29	J		4.5	-10	164	-4.3	1.1	-1.0	1	J
22	351	8.0	36	J		4.3	-14	132	-2.5	2.6	-1.4	2	J
23	353	7.7	30	J		4.2	-16	104	-0.9	3.5	-1.7	1	J
24	358	8.3	26	J		4.0	-18	82	0.5	3.4	-1.8	1	J

AUG. 23, 1977

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	342	8.3	26	J		4.1	-13	143	-2.9	2.0	-1.2	2	J
2	337	8.5	30	J		4.0	-2	153	-3.6	1.7	-0.5	0	J
3	338	8.9	28	J		4.0	-4	156	-3.6	1.5	-0.7	1	J
4						4.0	-12	133	-2.5	2.4	-1.6	1	J
5	333	9.1	19	J		4.0	-9	124	-2.2	2.9	-1.7	0	J
6	336	9.2	19	J		4.2	-10	127	-2.5	2.8	-2.0	0	J
7	335	15.1	12	J									
8	346	15.5	13	J		4.0	-36	147	-2.1	0.3	-2.3	3	J
9	329	18.7	16	J		4.1	-34	252	-0.9	-3.4	-0.3	2	J
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21	355	0.0	0	H									
22	362	0.0	0	H									
23	359	0.0	0	H									
24	361	0.0	0	H									

AUG. 24, 1977

HR	VEL	DEN	TEMP/1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	372	0.0	0	H									
2	364	0.0	0	H									
3	358	0.0	0	H									
4	355	0.0	0	H									
5	370	0.0	0	H									
6	369	0.0	0	H									
7	366	0.0	0	H									
8	368	0.0	0	H									
9	352	0.0	0	H									
10	356	0.0	0	H									
11	371	0.0	0	H									
12	371	0.0	0	H									
13	369	0.0	0	H									
14	369	0.0	0	H									
15	367	0.0	0	H									
16	366	0.0	0	H									
17	361	0.0	0	H									
18	372	0.0	0	H									
19	371	0.0	0	H									
20	369	0.0	0	H									
21	368	0.0	0	H									
22	361	0.0	0	H									
23	355	0.0	0	H									
24	347	0.0	0	H									

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 25, 1977							237
1	345	0.0	0	H								
2	343	0.0	0	H								
3	370	0.0	0	H								
4	373	0.0	0	H								
5	373	0.0	0	H								
6	389	0.0	0	H								
7	389	0.0	0	H								
8	391	0.0	0	H								
9	411	0.0	0	H								
10	410	0.0	0	H								
11	438	0.0	0	H								
12	453	0.0	0	H								
13	454	0.0	0	H								
14	463	0.0	0	H								
15	464	0.0	0	H								
16	458	0.0	0	H								
17	450	0.0	0	H								
18	432	0.0	0	H								
19	446	0.0	0	H								
20	423	0.0	0	H								
21	419	0.0	0	H								
22	417	0.0	0	H								
23	425	0.0	0	H								
24	452	0.0	0	H								
					AUG. 26, 1977							238
1	444	0.0	0	H								
2	452	0.0	0	H								
3												
4												
5												
6												
7	449	0.0	0	H								
8	441	0.0	0	H								
9	433	0.0	0	H								
10	450	0.0	0	H								
11	450	0.0	0	H								
12	438	0.0	0	H								
13	415	0.0	0	H								
14	450	0.0	0	H								
15	451	0.0	0	H								
16	459	0.0	0	H								
17	471	0.0	0	H								
18	465	0.0	0	H								
19	468	0.0	0	H								
20	474	0.0	0	H								
21	530	0.0	0	H								
22	527	0.0	0	H								
23												
24												
					AUG. 27, 1977							239
1												
2												
3												
4												
5												
6												
7					11.3	-40	155	-6.5	0.0	-6.7	7	J
8					9.2	10	106	-1.0	3.3	-1.1	9	J
9					16.0	-29	80	2.1	6.8	-11.9	7	J
10					7.5	-34	147	-4.2	0.5	-4.4	4	J
11					7.2	-10	131	-3.9	3.2	-3.3	4	J
12												
13												
14	444	8.2	106	J	7.5	20	100	-1.1	6.4	-1.1	3	J
15	428	7.9	99	J	6.8	-13	124	-3.0	3.4	-3.2	4	J
16	430	8.0	97	J	6.4	21	127	-2.8	4.1	0.0	4	J
17	439	8.2	86	J	5.9	-3	99	-0.7	4.0	-1.9	4	J
18	440	7.3	76	J	6.0	-22	106	-1.4	3.9	-3.5	2	J
19	440	6.2	61	J	5.9	-18	109	-1.7	4.3	-3.0	2	J
20	428	5.9	68	J	5.6	-15	131	-3.0	3.1	-2.0	3	J
21	421	6.1	73	J	5.4	-7	132	-3.3	3.5	-1.3	2	J
22	429	5.4	55	J	5.4	-1	117	-2.2	4.2	-0.8	2	J
23												
24	442	6.1	70	J	5.2	20	93	-0.2	4.7	0.8	2	J
					AUG. 28, 1977							240
1												
2												
3												
4												
5												
6												
7	425	5.2	65	J	4.4	22	151	-2.6	1.6	0.9	3	J
8	407	5.4	34	J	4.5	14	177	-4.3	0.5	1.0	1	J
9	414	5.5	54	J	4.4	-1	147	-3.1	1.9	-0.6	2	J
10	416	6.3	58	J	4.7	-10	133	-3.0	2.8	-1.7	2	J
11												
12												
13	422	6.6	74	J	4.2	-16	122	-1.9	2.3	-2.2	2	J
14	421	7.1	65	J	3.9	21	147	-2.1	1.7	0.2	3	J
15	420	8.2	83	J	3.9	-3	219	-2.6	-2.0	0.9	2	J
16	409	7.2	45	J	4.3	4	157	-3.3	1.3	-0.5	2	J
17	414	7.2	58	J	4.1	2	126	-2.1	2.5	-1.5	2	J
18	417	7.6	63	J	4.3	8	125	-2.1	2.8	-1.2	2	J
19	428	7.5	61	J	4.2	6	80	0.6	3.0	-1.5	2	J
20	405	7.4	50	J	4.3	39	196	-2.8	0.6	2.4	2	J
21	405	7.7	52	J	4.5	42	172	-2.6	1.5	1.8	3	J
22	424	8.0	57	J	4.2	6	80	0.5	2.8	-1.1	3	J
23	419	8.6	65	J	3.9	-7	92	-0.1	2.5	-1.6	3	J
24	403	8.2	62	J	4.1	-45	153	-2.0	0.1	-2.4	3	J
	404	8.3	49	J	4.2	17	118	-1.4	2.9	0.0	3	J
	401	8.3	54	J	4.1	-7	117	-1.5	2.8	-1.2	2	J
	387	8.3	69	J	4.1	3	157	-3.5	1.5	-0.2	1	J
	382	8.3	70	J	4.0	20	160	-3.2	1.4	1.0	2	J
	401	8.8	49	J	4.0	3	60	1.7	3.0	-0.4	2	J
	386	8.1	67	J	4.0	18	202	-2.8	-1.0	1.2	3	J
	373	7.6	32	J	4.3	3	197	-4.0	-1.2	0.4	1	J
					AUG. 29, 1977							241
1	372	7.4	33	J	4.1	11	165	-3.4	1.0	0.5	2	J
2	392	7.5	43	J	4.0	22	102	-0.7	3.4	0.6	2	J
3	382	7.1	61	J	2.8	3	102	-0.4	1.8	-0.4	2	J
4	374	7.1	46	J	3.6	19	156	-2.7	1.4	0.6	2	J
5	379	7.4	46	J	4.0	-1	115	-1.6	3.2	-1.3	1	J
6	374	7.3	44	J	3.5	-18	149	-2.1	0.8	-1.3	2	J
7	372	7.2	44	J	4.0	-13	120	-1.8	2.3	-2.1	2	J
8	376	7.0	42	J	3.6	9	104	-0.7	2.6	-0.9	2	J
9	376	7.5	49	J	3.4	-9	108	-0.9	2.2	-1.9	2	J
10	375	7.7	46	J	3.7	-4	104	-0.8	2.7	-2.0	1	J
11	378	7.6	38	J	3.8	-9	76	0.8	2.3	-2.1	2	J
12	375	7.5	34	J	3.6	-35	88	0.1	1.2	-2.9	2	J
13	385	7.5	40	J	3.6	-10	61	1.6	2.2	-2.1	1	J
14	373	7.6	33	J	3.5	-38	101	-0.5	1.1	-2.8	2	J
15	372	7.5	29	J	3.9	16	92	-0.1	3.5	-0.8	1	J
16	365	7.4	35	J	3.7	4	115	-1.4	2.8	-1.1	2	J
17	364	7.3	34	J	3.7	-13	110	-1.2	2.7	-1.9	1	J
18	373	7.5	29	J	3.7	-11	57	1.9	2.5	-1.6	1	J
19	369	7.7	27	J	3.6	4	55	1.9	2.7	-0.5	1	J
20	372	7.8	43	J	3.2	4	28	2.6	1.4	-0.1	1	J
21	356	7.6	33	J	3.2	24	89	0.0	2.4	0.5	2	J
22	339	7.4	28	J	3.6	-7	145	-2.4	1.6	-0.7	2	J
23	340	7.4	27	J	3.5	16	154	-1.8	1.0	0.4	3	J
24	354	7.5	26	J	3.7	11	66	1.3	2.9	0.1	2	J
					AUG. 30, 1977							242
1	355	7.4	25	J	3.7	-6	60	1.7	2.9	-1.0	1	J
2	352	7.3	27	J	3.7	-9	47	2.5	2.5	-1.2	1	J
3	337	7.8	21	J	3.5	29	98	-0.4	2.9	0.7	2	J
4	330	8.2	29	J	3.3	-22	198	-1.6	-0.7	-0.5	3	J
5	329	8.8	22	J	3.7	-45	209	-2.1	-2.0	-1.8	2	J
6	329	8.7	21	J	3.6	-29	140	-2.1	1.0	-2.1	2	J
7	327	8.8	27	J	3.4	-31	143	-2.0	0.7	-2.0	2	J
8	333	9.2	20	J	3.0	-16	105	-0.6	1.5	-1.6	2	J
9	334	9.6	20	J	3.1	-33	89	0.0	1.0	-2.2	2	J
10	340	9.7	21	J	3.5	-23	59	1.6	1.5	-2.5	1	J
11	332	10.9	14	J	3.7	-13	94	-0.2	2.3	-2.4	1	J
12	339	11.4	16	J	3.8	-22	71	0.9	1.6	-2.5	2	J
13	337	12.4	16	J	4.0	-25	75	0.8	1.8	-2.8	2	J
14	338	12.5	16	J	4.6	-15	84	0.4	3.1	-3.1	1	J
15	347	13.2	16	J	4.8	-4	87	0.2	4.0	-2.5	1	J
16	337	14.0	16	J	4.8	-11	65	1.9	3.3	-2.5	1	J
17	335	13.8	13	J	5.4	3	78	1.1	4.9	-1.7	1	J
18	330	13.1	15	J	5.2	28	89	0.1	4.9	3.8	2	J
19	332	14.7	11	J	5.0	10	78	1.0	4.8	-0.5	1	J
20	325	13.2	15	J	5.0	-9	94	-0.3	4.5	-1.9	1	J
21	323	13.3	17	J	5.0	-18	100	-0.8	4.1	-2.4	1	J
22	322	14.4	17	J	5.0	-15	109	-1.5	4.2	-2.1	1	J
23	318	14.5	17	J	5.3	-16	112	-1.8	4.2	-2.2	1	J
24					4.9	-8	104	-1.1	4.4	-1.5	1	J
					AUG. 31, 1977							243
1	309	15.3	16	J	5.3	-15	131	-2.9	3.0	-1.8	3	J
2	313	16.8	15	J	5.2	-10	124	-2.9	3.9	-1.9	1	J
3	316	20.0	13	J	4.8	-2	113	-1.8	4.1	-1.3	1	J
4	318	21.3	14	J	4.7	49	73	0.6	2.6	1.6	4	J
5	315	14.6	12	J	7.1	-26	284	1.5	-6.7	-0.6	2	J
6					7.6	-20	290	2.4	-7.2	0.4	0	J
7	320	0.0	0	H	8.1	-7	292	3.0	-7.0	2.5	1	J
8	328	11.2	9	J	7.9	-13	290	2.5	-6.9	1.9	2	J
9	330	11.3	9	J	8.2	-14	289	2.6	-7.4	2.2	1	J
10	333	13.2	11	J	7.8	-8	287	2.2	-6.7	3.1	1	J
11	336	16.7	13	J	6.3	-8	297	2.7	-4.9	2.2	2	J
12	334	17.2	12	J	6.1	3	302	3.1	-4.0	3.0	1	J
13	331	19.0	11	J	5.9	1	296	2.5	-4.3	2.8	1	J
14	332	19.0	10	J	6.0	-1	296	2.6	-4.7	2.7	1	J
15	335	17.1	14	J	6.2	-7	287	1.7	-5.3	2.0	2	J
16	335	20.2	13	J	5.8	-7	288	1.7	-5.0	1.6	2	J
17	333	19.8	11	J	5.9	-1	289	1.9	-5.2	2.0	1	J
18	336	15.6	14	J	7.3	-2	287	2.1	-6.6	2.0	1	J
19	334	15.8	12	J	7.7	3	285	2.0	-7.0	2.5	1	J
20	333	17.3	11	J	7.9	0	282	1.6	-7.4	1.8	1	J
21	333	18.8	10	J	7.9	-8	278	1.1	-7.8	0.5	1	J
22	329	18.2	9	J	8.2	-5	282	1.7	-7.9	0.8	1	J
23	329	16.9	11	J	8.5	5	293	3.3	-7.5	2.1	1	J
24	329	18.4	11	J	8.6	2	283	1.9	-8.2	1.9	1	J
					SEP. 1, 1977							244
1	326	20.0	11	J	7.4	0	278	0.8	-5.6	1.2	4	J
2	286	0.0	0	H	8.6	0	285	2.2	-8.0	1.9	1	J
3	280	0.0	0	H								
4	300	0.0	0	H								
5	319	0.0	0	H								
6	312	0.0	0	H								
7	313	26.0	21	J	9.1	-17	299	4.0	-7.6	1.1	3	J
8	322	22.0	18	J	10.7	5	280	1.8	-6.4	5.8	2	J
9	309	22.9	22	J	10.0	12	289	3.0	-6.4	6.3	3	J
10	314	24.0	23	J	10.1	22	283	2.1	-5.5	8.0	2	J
11	317	28.7	18	J								
12	320	32.2	21	J	9.9	42	263	-0.9	-2.4	9.5	1	J
13	320	24.8	31	J	10.3	48	261	-1.0	-1.5	9.2	4	J
14	320	21.1	45	J	9.4	56	264	-0.5	-0.5	8.7	3	J
15	316	20.1	42	J	9.3	66	286	1.0	0.8	9.1	1	J
16	324	21.2	45	J	8.3	17	249	-2.7	-5.4	5.1	3	J
17	322	22.6	58	J	6.1	43	259	-0.8	-2.3	5.2	2	J
18	325	22.8	63	J	5.3	18	220	-3.4	-2.2	2.3	2	J
19	303	21.2	60	J	6.0	47	359	3.8	1.1	3.9	2	J
20	302	20.8	63	J	5.8	50	8	3.4	1.4	3.8	2	J
21	312	22.4	57	J	5.7	69	315	1.1	-0.2	4.3	3	J
22	311	22.8	61	J	6.2	46	320	3.0	-1.7	4.4	3	J
23	307	21.8	56	J	6.3	28	326	3.7	-2.0	2.8	4	J
24	318	23.1	48	J	6.5	10	271	0.1	-5.8	2.2	2	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	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 2, 1977							245					SEP. 3, 1977							246
1	314	25.1	31	J	7.0	20	263	-0.7	-5.2	3.3	3	J					10.5	-21	286	2.1	-7.9	-1.3	6	J
2	313	0.0	0	H	7.2	6	252	-2.2	-6.4	2.3	1	J	326	0.0	0	H	11.3	-23	297	3.5	-7.5	-1.5	8	J
3	310	0.0	0	H	4.2	9	295	0.8	-1.6	0.8	4	J	339	0.0	0	H	5.3	-49	269	-0.1	-4.1	-2.7	3	J
4	309	34.8	29	J	5.4	32	354	4.3	0.4	2.7	2	J	344	28.1	46	J	7.3	-50	273	0.2	-5.8	-3.5	2	J
5	301	29.6	39	J	6.9	39	14	5.0	2.7	3.4	2	J	346	25.4	43	J	7.3	-19	266	-0.4	-6.6	0.3	3	J
6	306	32.9	46	J	6.1	46	319	2.6	-0.6	4.2	3	J	349	29.2	31	J	5.6	-29	286	1.3	-5.0	-0.5	2	J
7	308	34.2	51	J	6.5	37	307	2.5	-1.5	4.4	4	J	356	28.4	29	J	7.2	8	305	3.7	-4.3	3.3	3	J
8	306	32.8	35	J	5.5	9	284	1.2	-3.8	3.0	2	J	367	22.6	42	J	8.9	15	318	6.2	-3.7	4.7	2	J
9	306	32.3	36	J	5.4	22	309	2.5	-1.7	2.9	3	J	376	22.5	38	J	8.2	14	319	5.8	-3.3	4.3	2	J
10	306	0.0	0	H									381	16.6	48	J	9.4	18	320	6.6	-3.1	5.3	2	J
11	303	0.0	0	H									377	16.8	41	J	9.2	20	329	7.4	-2.0	5.1	1	J
12	288	0.0	0	H	4.8	70	319	1.2	1.5	4.2	1	J	387	0.0	0	H								
13	292	35.7	19	J	5.3	56	54	1.7	4.2	2.3	2	J	403	0.0	0	H	10.2	11	302	5.3	-6.1	6.2	1	J
14	298	0.0	0	H	3.3	7	286	0.6	-1.6	1.2	3	J	391	0.0	0	H	9.8	9	307	5.6	-5.6	5.1	3	J
15	338	59.0	20	J	7.6	10	273	0.2	-3.4	2.7	7	J	400	0.0	0	H	9.2	10	310	5.6	-5.2	4.6	2	J
16	319	62.6	23	J	6.6	40	264	-0.2	-1.1	2.5	6	J	392	0.0	0	H	8.6	9	296	3.6	-6.1	4.4	2	J
17	339	59.1	22	J	5.5	20	88	0.2	5.5	-0.3	1	J	409	0.0	0	H	7.2	-5	342	6.5	-2.2	0.3	2	J
18	312	46.2	21	J	9.0	24	66	3.3	8.1	0.9	4	J	409	11.6	38	J	6.4	0	281	1.0	-5.1	1.8	3	J
19	314	39.3	23	J	11.3	25	67	3.9	10.0	1.8	3	J	403	10.1	51	J	7.2	9	330	6.0	-3.0	2.0	2	J
20	310	44.3	23	J	11.1	24	49	6.1	7.8	2.3	4	J	411	5.8	50	J	7.9	14	335	6.9	-2.6	2.6	1	J
21	313	39.1	30	J	8.8	23	45	3.8	4.2	1.4	7	J	414	6.1	47	J	7.7	19	338	6.8	-2.1	3.0	1	J
22	309	38.7	30	J	7.6	-14	1	6.3	-0.2	-1.6	4	J	423	7.2	81	J	6.8	22	301	3.0	-4.5	3.1	3	J
23	314	42.1	36	J	9.4	0	323	5.0	-7.5	1.4	3	J	425	7.8	99	J	6.3	19	267	-0.3	-5.2	3.0	2	J
24	367	30.5	31	J	10.9	-25	279	1.5	-10.0	-2.5	3	J	426	8.9	84	J	6.8	1	281	1.2	-6.2	1.3	2	J
					SEP. 4, 1977							247					SEP. 5, 1977							248
1	427	7.3	87	J	7.5	5	302	3.3	-5.1	1.7	4	J	406	0.0	0	H								
2	415	8.6	74	J	7.5	5	295	3.1	-6.3	2.2	2	J	393	0.0	0	H								
3	420	9.0	68	J	7.5	-2	289	2.3	-6.6	1.7	2	J	394	0.0	0	H								
4	414	9.0	0	H	7.7	-9	299	3.4	-6.1	0.9	3	J	401	0.0	0	H								
5	408	8.3	76	J	7.2	3	304	3.2	-4.3	2.1	4	J	383	0.0	0	H								
6	393	7.7	89	J	7.3	7	316	4.4	-3.6	2.5	4	J	388	0.0	0	H								
7	407	7.8	68	J	7.7	-16	276	0.7	-7.2	1.5	2	J	363	0.0	0	H								
8	408	8.0	57	J	8.3	-36	264	-0.7	-7.7	-0.8	3	J	373	0.0	0	H								
9	406	8.0	70	J	8.7	-22	263	-0.9	-7.6	1.3	4	J	370	0.0	0	H								
10	399	8.7	94	J	7.2	-57	42	1.4	-0.5	-3.1	6	J	369	0.0	0	H								
11	397	9.2	113	J	7.2	-53	43	2.7	-0.6	-5.4	4	J	385	0.0	0	H								
12	385	9.2	185	J	7.0	5	341	5.6	-1.3	1.5	4	J	390	0.0	0	H								
13	388	8.3	152	J									401	0.0	0	H								
14	393	8.4	165	J	6.8	28	22	4.7	3.0	1.3	4	J	399	0.0	0	H								
15	394	8.3	152	J	6.4	23	347	4.5	0.0	2.2	4	J	401	0.0	0	H								
16	381	7.0	97	J	7.4	28	345	5.5	-0.0	3.4	4	J	436	0.0	0	H								
17	447	0.0	0	H									443	0.0	0	H								
18	418	0.0	0	H									416	0.0	0	H								
19	436	0.0	0	H									420	0.0	0	H								
20	431	0.0	0	H									456	0.0	0	H								
21	482	0.0	0	H									446	0.0	0	H								
22	439	0.0	0	H									451	0.0	0	H								
23	436	0.0	0	H									446	0.0	0	H								
24	411	0.0	0	H									417	0.0	0	H								
					SEP. 6, 1977							249					SEP. 7, 1977							250
1	439	0.0	0	H									371	0.0	0	H								
2	423	0.0	0	H									374	0.0	0	H								
3	425	0.0	0	H									375	0.0	0	H								
4	445	0.0	0	H									372	0.0	0	H								
5	433	0.0	0	H									373	0.0	0	H								
6	436	0.0	0	H									353	0.0	0	H								
7	435	0.0	0	H									347	0.0	0	H								
8	423	0.0	0	H									347	0.0	0	H								
9	420	0.0	0	H									343	0.0	0	H								
10	433	0.0	0	H									352	0.0	0	H								
11	408	0.0	0	H									338	0.0	0	H								
12	408	0.0	0	H									337	0.0	0	H								
13	408	0.0	0	H									344	0.0	0	H								
14	405	0.0	0	H									345	0.0	0	H								
15	392	0.0	0	H									336	0.0	0	H								
16	382	0.0	0	H									365	0.0	0	H								
17	386	0.0	0	H									365	0.0	0	H								
18	382	0.0	0	H									368	0.0	0	H								
19	380	0.0	0	H									368	0.0	0	H								
20	375	0.0	0	H									365	0.0	0	H								
21	372	0.0	0	H									369	0.0	0	H								
22	371	0.0	0	H									383	0.0	0	H								
23	369	0.0	0	H									371	0.0	0	H								
24	369	0.0	0	H									366	0.0	0	H								
					SEP. 8, 1977							251					SEP. 9, 1977							252
1													360	13.8	48	J	6.4	-5	119	-2.8	4.8	-1.6	2	J
2													362	13.9	54	J	6.0	18	131	-3.1	3.8	0.6	3	J
3													356	13.7	68	J	6.1	24	146	-3.9	3.2	1.3	3	J
4													357	14.4	62	J	5.8	-30	151	-3.9	1.2	-3.1	3	J
5													358	12.8	88	J	6.7	9	155	-4.9	2.5	-0.1	4	J
6													365	10.8	62	J	6.1	47	128	-2.0	3.8	2.1	4	J
7													370	10.6	55	J	6.7	16	99	-0.9	6.0	-1.3	2	J
8													385	10.0	65	J	6.3	-21	33	3.1	1.0	-2.3	5	J
9													387	9.4	68	J	6.3	8	93	-0.2	4.4	-2.0	4	J
10													385	8.1	64	J	7.4	21	112	-2.4	6.2	-1.3	3	J
11													397	7.5	57	J	7.1	-3	94	-0.5	5.2	-4.0	3	J
12													409	7.5	57	J	6.8	-11	79	1.2	4.3	-4.3	3	J
13													393	7.6	69	J	7.0	5	117	-3.0	5.2	-2.7	2	J
14													398	6.8	53	J	7.6	0	107	-2.2	6.0	-3.7	2	J
15													395	8.2	56	J	7.2	29	127	-3.5	5.6	0.6	2	J
16													398	9.2	79	J	6.1	-4	119	-2.5	3.9	-2.3	3	J
17													412	9.3	65	J	6.1	-10	85	0.4	4.1	-2.7	4	J
18	359	22.4	33	J									401	9.7	63	J	6.1	-26	118	-1.9	2.7	-3.1	4	J
19	363	22.7	22	J									389	10.6	121	J	4.8	-15	168	-3.6	0.4	-1.2	3	J
20	360	23.2	27	J									396	10.7	79	J	5.3	51	184	-2.8	0.7	3.4	3	J
21	355	20.7	43	J									391	11.1	76	J	6.2	41	169	-4.1	1.6	3.4	3	J
22	363	21.8	28	J	3.3	-8	144	-1.0	0.6	-0.3	3	J	385	10.7	73	J	6.0	13	140	-3.7	3.3	0.5	3	J
23	366	25.6	26	J	2.9	27	185	-1.7	0.0	0.9	2	J					6.4	23	158	-3.5	1.7	1.3	5	J
24	363	21.5	34	J	5.0	39	101	-0.7	3.8	2.0	2	J	382	11.6	73	J	7.1	17	182	-5.7	0.2	1.8	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 10, 1977							253
1	389	11.8	77	J	6.4	-26	208	-4.4	-2.9	-1.9	3	J
2	404	10.7	68	J	6.4	-64	115	-0.9	3.8	-4.9	4	J
3	402	9.5	71	J	6.0	-54	113	-1.2	1.5	-5.0	3	J
4	433	9.4	112	J	4.6	-54	227	-1.3	-2.2	-2.0	3	J
5	396	8.9	112	J	4.9	0	128	-1.6	2.1	-0.9	4	J
6	391	9.1	106	J	5.7	-11	123	-2.6	3.2	-2.6	3	J
7	408	8.9	108	J	5.2	22	94	-0.3	4.0	-0.4	3	J
8	415	8.7	101	J	5.3	-63	4	1.9	-1.8	-3.4	3	J
9	403	8.5	123	J	4.4	-21	144	-1.1	0.4	-0.9	4	J
10	420	7.2	72	J	5.9	-16	51	3.4	2.6	-3.6	2	J
11	412	7.2	83	J	5.7	-34	51	2.5	1.0	-3.9	3	J
12	417	7.1	79	J	5.7	-22	44	3.7	1.8	-3.7	2	J
13	407	7.5	85	J	5.3	-26	53	2.7	1.6	-3.8	2	J
14	381	7.1	77	J	5.0	15	133	-2.6	2.9	-0.6	3	J
15	383	6.6	70	J	4.9	-11	107	-1.2	3.0	-2.6	3	J
16	384	6.9	74	J	4.8	-16	113	-1.8	3.2	-3.0	1	J
17	399	6.6	61	J	4.8	-7	86	0.3	3.8	-2.2	2	J
18	430	7.0	53	J	4.3	-14	66	1.6	3.1	-2.2	1	J
19	387	7.3	43	J	4.2	-5	73	0.7	2.1	-0.9	3	J
20	393	7.4	46	J	3.6	20	45	1.7	1.9	0.4	2	J
21	383	7.6	35	J	3.9	-22	85	0.3	3.0	-2.1	1	J
22	383	11.6	25	J	3.7	-33	338	2.0	-1.1	-1.2	3	J
23	383	10.2	39	J	4.1	-56	88	0.1	1.3	-3.6	1	J
24	387	10.2	39	J	4.8	-62	71	0.6	1.0	-3.9	3	J
					SEP. 11, 1977							254
1	389	11.3	50	J	4.6	-80	102	-0.1	-0.1	-2.7	4	J
2	398	11.4	54	J	5.2	-35	95	-0.4	3.2	-3.8	2	J
3	416	16.2	99	J	8.5	-34	107	-1.8	4.5	-5.8	4	J
4												
5	418	15.1	107	J	5.9	-2	106	-1.3	3.6	-1.7	5	J
6	404	12.9	101	J	8.1	22	113	-2.5	6.4	-0.2	4	J
7	402	12.2	123	J	6.7	28	149	-3.2	2.6	0.6	5	J
8	406	11.2	125	J	6.7	28	134	-5.0	1.1	2.5	3	J
9	448	13.5	177	J	4.8	13	53	2.0	2.6	-0.8	3	J
10	413	13.0	122	J	5.8	-36	139	-1.5	-.3	-2.5	5	J
11	410	13.3	120	J	6.0	-25	124	-1.3	1.0	-1.9	6	J
12	392	12.8	113	J	6.3	43	156	-3.7	3.5	2.2	3	J
13	398	11.6	87	J	7.2	-4	85	0.5	4.9	-3.7	4	J
14	414	8.7	98	J	6.3	-24	59	2.6	2.5	-4.2	3	J
15	419	7.7	93	J	6.5	-7	69	2.1	4.4	-3.3	3	J
16	417	7.9	85	J	6.3	-17	62	2.2	3.1	-3.1	4	J
17	425	7.7	95	J	6.7	-11	51	3.7	3.7	-2.9	3	J
18	418	7.5	72	J	6.9	-31	55	3.3	3.3	-4.9	1	J
19	406	8.1	62	J	6.7	-20	72	1.9	5.0	-3.9	1	J
20	394	8.1	60	J	6.6	-2	89	0.1	6.1	-1.9	1	J
21	387	7.9	51	J	6.6	12	86	0.4	6.4	-0.1	1	J
22	382	8.7	40	J	6.4	10	96	-0.6	6.0	-3.2	2	J
23	390	10.1	42	J	6.1	4	76	1.4	5.4	-0.7	3	J
24	373	8.7	38	J	6.3	40	103	-1.1	5.3	2.9	2	J
					SEP. 12, 1977							255
1	370	8.2	34	J	6.2	52	111	-1.4	4.6	4.0	1	J
2	368	8.7	33	J	5.9	52	124	-2.0	4.0	3.6	1	J
3	372	10.3	25	J	5.6	-24	121	-2.2	3.0	-2.9	3	J
4	370	11.1	23	J	6.0	2	106	-1.6	5.3	-1.7	2	J
5	362	10.3	31	J	6.1	11	121	-3.0	5.0	-0.9	1	J
6	374	10.4	23	J	6.3	22	81	0.9	6.0	-0.4	2	J
7	362	9.8	24	J	6.3	45	117	-1.9	5.3	1.9	2	J
8	365	9.0	22	J	6.4	41	94	-0.3	5.8	1.0	2	J
9	368	9.3	21	J	5.9	44	81	0.7	5.6	1.2	1	J
10	369	8.7	19	J	5.9	44	71	1.4	5.6	1.1	1	J
11	363	7.7	20	J	5.4	43	73	1.2	5.2	0.9	0	J
12	354	7.4	20	J	5.2	39	76	1.0	5.1	0.5	1	J
13	349	8.1	24	J	4.2	34	109	-1.1	3.8	0.1	2	J
14	353	8.3	24	J	3.6	8	141	-2.7	2.1	-0.7	1	J
15	349	8.4	22	J	3.7	5	142	-2.8	2.1	-0.8	1	J
16	345	9.3	19	J	3.5	4	139	-2.5	2.0	-0.8	1	J
17	338	10.7	16	J	3.4	-7	147	-2.8	1.5	-1.1	0	J
18	336	11.5	13	J	3.2	-33	165	-2.4	0.0	-1.8	1	J
19	334	11.9	12	J	3.3	-35	195	-2.5	-1.7	-1.5	1	J
20	336	11.8	13	J	3.4	-32	223	-2.0	-2.3	-1.2	1	J
21	329	11.6	14	J	3.8	-18	175	-3.4	0.9	-1.2	1	J
22	353	20.8	34	J	5.2	-31	162	-4.2	0.8	-2.9	1	J
23	344	21.1	31	J	3.9	-32	172	-3.2	0.0	-2.1	1	J
24	359	23.9	32	J	5.1	-56	204	-2.3	-1.8	-3.4	3	J
					SEP. 13, 1977							256
1	368	14.6	33	J	8.5	-12	126	-4.2	4.9	-2.6	5	J
2	390	11.0	110	J	7.3	-42	217	-3.9	-4.0	-3.5	3	J
3	400	10.7	117	J	7.2	-3	136	-4.9	4.4	-1.7	2	J
4	405	9.6	96	J	8.0	36	107	-1.6	6.4	2.0	4	J
5	407	8.9	74	J	7.2	32	122	-2.9	5.6	1.4	3	J
6	416	9.0	76	J	7.4	9	111	-2.5	6.3	-1.8	2	J
7	438	8.8	76	J	7.7	2	109	-2.2	5.8	-2.9	4	J
8	437	6.5	82	J	8.8	-21	145	-6.7	2.4	-5.1	1	J
9	435	6.2	95	J	8.6	-29	169	-7.3	-1.0	-4.2	1	J
10	441	7.0	115	J	8.1	-30	177	-6.7	-1.9	-3.4	2	J
11	421	7.6	88	J	8.7	-24	155	-7.0	0.7	-4.7	2	J
12	432	9.2	137	J	8.7	-36	142	-4.8	0.6	-5.7	4	J
13	435	9.7	177	J	7.7	-30	127	-3.7	2.2	-5.7	3	J
14	469	9.9	134	J	7.3	-23	73	1.6	3.2	-4.6	4	J
15	444	8.6	104	J	7.7	-46	114	-1.6	1.2	-5.3	5	J
16	413	8.6	99	J	7.2	-3	136	-4.7	3.9	-2.3	3	J
17	450	9.4	60	J	8.5	-68	122	-1.4	-0.6	-7.0	4	J
18	456	9.8	68	J	8.5	-38	70	2.1	3.8	-6.6	3	J
19	447	7.6	96	J	8.0	-48	82	0.5	2.1	-4.6	6	J
20	439	7.7	126	J	8.2	-9	118	-3.2	5.5	-2.6	4	J
21	433	7.4	144	J	8.2	-32	107	-1.9	5.1	-5.4	3	J
22	448	0.0	0	H								
23	438	7.1	136	J	6.7	26	148	-4.9	3.6	2.1	2	J
24	441	7.1	138	J	6.7	-2	127	-3.5	4.5	-1.2	3	J
					SEP. 14, 1977							257
1	446	7.4	138	J	6.4	-2	129	-3.5	4.2	-1.2	3	J
2	477	7.9	130	J	5.5	-42	61	1.6	2.0	-3.7	3	J
3	488	8.2	133	J	5.2	-29	335	3.9	-2.4	-1.7	2	J
4	472	7.4	152	J	5.5	-45	111	-0.5	0.7	-1.7	5	J
5	484	7.1	171	J	4.5	8	244	-1.4	-2.5	1.6	3	J
6	483	6.7	136	J	5.9	29	266	-0.4	-3.3	4.7	1	J
7	478	6.7	152	J	5.3	29	234	-1.8	-1.4	2.7	4	J
8	473	0.0	0	H								
9	480	6.4	136	J	6.6	19	210	-4.5	-1.2	2.9	4	J
10	474	6.3	150	J	6.6	31	168	-5.1	2.7	2.0	3	J
11	475	5.9	98	J	6.8	29	177	-5.9	2.1	2.5	1	J
12	475	5.7	102	J	6.7	23	173	-5.8	2.0	1.7	2	J
13	462	6.1	100	J	6.5	17	180	-6.1	1.0	1.6	2	J
14	465	6.2	105	J	6.9	24	174	-5.7	1.9	1.9	3	J
15	467	5.3	102	J	6.3	38	210	-3.5	-0.2	3.7	4	J
16	459	5.2	97	J	6.6	14	184	-6.0	0.3	1.5	2	J
17	490	5.7	125	J	7.0	22	195	-4.0	-0.3	2.0	5	J
18	466	4.3	109	J	7.3	1	133	-4.9	5.0	-1.7	2	J
19	461	3.8	58	J	7.6	5	139	-5.5	4.7	-0.8	2	J
20	467	3.8	97	J	7.4	2	134	-5.1	5.1	-1.1	2	J
21	464	0.0	0	H	7.3	20	152	-6.0	3.7	1.7	1	J
22	460	3.6	81	J	7.2	18	153	-5.8	3.4	1.5	2	J
23	487	3.6	170	J	7.3	13	130	-4.4	5.4	0.5	2	J
24	474	3.5	144	J	7.2	6	138	-5.0	4.6	-0.3	2	J
					SEP. 15, 1977							258
1	465	3.6	139	J	7.0	-3	143	-5.3	3.8	-1.3	2	J
2	460	3.6	135	J	6.5	-6	143	-5.1	3.5	-1.6	1	J
3	465	4.2	169	J	6.4	-6	133	-4.3	4.2	-2.0	1	J
4	450	3.7	129	J	6.6	-15	135	-4.4	3.6	-3.1	1	J
5	433	3.7	152	J	6.5	3	143	-5.0	3.6	-1.2	2	J
6	444	4.9	161	J	5.4	3	145	-3.9	2.6	-1.0	3	J
7	440	5.6	183	J	5.3	-17	145	-4.1	1.8	-2.7	1	J
8	440	5.4	158	J	5.4	-19	143	-3.7	1.6	-2.8	2	J
9	447	5.4	89	J	4.9	-41	112	-1.3	1.0	-4.2	2	J
10	451	5.4	76	J	4.9	-60	103	-0.5	-0.4	-4.7	1	J
11	460	0.0	0	H	4.2	-50	132	-1.7	-0.2	-3.6	1	J
12	434	4.1	84	J	3.9	-46	147	-2.1	-0.3	-2.9	2	J
13	420	3.8	74	J	3.5	-42	144	-1.6	-0.0	-2.2	2	J
14	415	3.0	80	J	3.8	-19	137	-2.4	1.3	-2.2	1	J
15	407	3.7	44	J	3.7	-28	135	-2.1	1.0	-2.4	2	J
16	406	4.0	30	J	3.6	-30	232	-1.0	-1.6	-0.3	3	J
17	386	5.4	21	J	4.4	8	275	0.4	-3.7	2.2	1	J
18	379	6.3	24	J	4.9	2	276	0.5	-4.4	1.8	1	J
19	368	8.1	18	J	5.3	15	258	-1.1	-4.4	2.8	1	J
20	369	9.9	16	J	5.4	18	265	-0.4	-4.2	2.8	2	J
21	365	0.0	0	H	6.0	-1	286	1.7	-5.6	1.2	1	J
22	364	0.0	0	H	6.2	5	281	1.2	-5.7	1.8	1	J
23	375	15.1	19	J	5.7	13	275	0.5	-5.1	2.3	1	J
24	369	15.6	15	J	5.2	21	291	1.7	-4.0	2.7	1	J
					SEP. 16, 1977							259
1	370	14.6	19	J	5.1	29	288	1.1	-2.7	2.6	3	J
2	362	13.9	27	J	4.9	24	310	2.6	-2.6	2.6	2	J
3	371	15.1	20	J	5.8	-16	307	3.2	-4.5	-0.2	2	J
4	370	16.9	19	J	5.9	19	289	1.5	-3.6	3.1	3	J
5	373	16.6	18	J	6.7	-3	300	3.3	-5.5	2.0	1	J
6	370	18.5	16	J	7.1	-6	305	4.1	-5.5	1.9	0	J
7	369	17.8	18	J	7.3	-10	303	3.9	-5.9	1.8	0	J
8	369	17.6	21	J	6.7	-20	318	4.5	-4.6	0.2	2	J
9	366	12.6	30	J	7.3	-32	356	5.8	-2.3	-2.8	3	J
10	369	15.6	20	J	8.5	-34	302	3.3	-6.8	-0.5	4	J
11	376	18.7	34	J	7.7	-6	273	0.3	-5.6	3.1	4	J
12	386	18.3	68	J	4.3	74	241	-0.1	0.7	2.2	4	J
13	391	20.8	66	J	4.8	49	216	-2.0	0.4	3.2	3	J
14	399	19.2	76	J	3.5	39	193	-0.8	0.2	0.7	4	J
15	412	18.7	70	J	3.8	13	83	0.4	2.9	-0.8	3	J
16	410	15.8	109	J	5.5	7	20	4.4	1.7	-0.2	3	J
17	397	19.4	87	J	3.9	9	163	-3.5	1.2	0.1	1	J
18	394	15.9	104	J	5.1	52	102	-0.4	2.9	1.8	4	J
19	393	14.2	83	J	6.3	3	87	0.3	5.5	-1.4	3	J
20	380	13.6	82	J	6.6	18	113	-2.1	5.2	0.4	3	J
21	378	14.1	77	J	7.0	13	103	-1.2	5.3	-0.0	4	J
22	383	13.9	54	J	6.9	-28	52	3.2	3.4	-3.6	4	J
23	382	11.9	58	J	8.2	11	60	3.9	7.0	0.1	2	J
24	412	13.0	83	J	6.4	10	45	4.3	4.4	0.1	2	J
					SEP. 17, 1977							260
1	385	12.3	65	J	5.5	10	68	1.4	3.6	-0.2	4	J
2	387	12.4	67	J	4.3	17	70	1.0	3.0	0.2	3	J
3	388	12.7	68	J	4.6	-4	61	1.8	3.0	-1.2	3	J
4	389	12.6	63	J	4.9	-25	50	2.7	2.4	-3.0	1	J
5	371	13.3	60	J	4.4	-16	120	-1.8	2.4	-2.1	3	J
6	369	13.1	39	J	5.9	-19	106	-1.4	3.7	-3.8	2	J
7	365	11.7	39	J	6.7	-12	110	-2.2	4.6	-4.1	2	J
8	365	12.5	48	J	5.5	-26	118	-2.2	2.3	-4.0	2	J
9	350	13.3	71	J	5.9	-13	137	-3.4	2.1	-2.6	3	J
10	369	11.0	42	J	5.5	-18	55	2.6	2.3	-3.3	3	J
11	361	11.0	53	J	5.4	-24	27	4.2	0.6	-3.0	1	J
12	345	11.3	45	J	4.6	8	128	-2.4	2.8	-1.3	2	J
13	360	12.1	40	J	4.7	3	80	0.7	3.7	-2.1	2	J
14	339	10.8	26	J	4.0	-16	154	-3.2	0.8	-1.7	1	J
15	341	9.9	30	J	4.4	0	139	-3.0	2.3	-1.3	2	J
16	332	9.9	26	J	4.9	5	146	-4.0	2.6	-0.8	1	J
17	328	10.5	30	J	5.0	16	155	-4.3	2.4	0.4	1	J
18	327	10.8	30	J	5.0	21	148	-3.9	2.9	0.8	1	J
19	338	10.4	24	J	4.9	16	107	-1.2	3.9	-0.1	3	J
20	339	11.0	24	J	4.7	17	89	0.1	4.0	0.1	2	J
21	334	10.8	21	J	4.6	23	105	-1.1	4.3	0.8	1	J
22	330	11.1	20	J	4.7	25	101	-0.8	4.3	1.0	1	J
23	332	11.7	24	J	4.7	17	107	-1.2	4.0	0.4	2	J
24	340	12.0	26	J	5.2	-9	59	2.1	3.3	-1.4	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
					SEP. 18, 1977							261
1	334	0.0	0	H								
2	337	0.0	0	H								
3	335	0.0	0	H								
4	334	0.0	0	H								
5	333	0.0	0	H								
6	331	0.0	0	H								
7	329	0.0	0	H								
8	333	0.0	0	H								
9	338	0.0	0	H								
10	345	0.0	0	H								
11	339	0.0	0	H								
12	348	0.0	0	H								
13	361	0.0	0	H								
14	366	0.0	0	H								
15	367	0.0	0	H								
16	372	0.0	0	H								
17	369	0.0	0	H								
18	367	0.0	0	H								
19	361	0.0	0	H								
20	359	0.0	0	H								
21	337	0.0	0	H								
22	335	0.0	0	H								
23	329	0.0	0	H								
24	328	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 19, 1977							262
1	327	0.0	0	H								
2	331	0.0	0	H								
3	330	0.0	0	H								
4	328	0.0	0	H								
5	327	0.0	0	H								
6	323	0.0	0	H								
7	324	0.0	0	H								
8	327	0.0	0	H								
9	319	0.0	0	H								
10	319	0.0	0	H								
11	320	0.0	0	H								
12	345	0.0	0	H								
13	417	0.0	0	H								
14	408	0.0	0	H								
15	410	0.0	0	H								
16	403	0.0	0	H								
17	396	0.0	0	H								
18	478	0.0	0	H								
19	489	0.0	0	H								
20	505	0.0	0	H								
21	553	0.0	0	H								
22	542	0.0	0	H								
23	556	0.0	0	H								
24	534	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 20, 1977							263
1	531	0.0	0	H								
2	517	0.0	0	H								
3	520	0.0	0	H								
4	497	0.0	0	H								
5	500	0.0	0	H								
6	498	0.0	0	H								
7	490	0.0	0	H								
8	482	0.0	0	H								
9	467	0.0	0	H								
10	468	0.0	0	H								
11	432	0.0	0	H								
12	429	0.0	0	H								
13	435	0.0	0	H								
14	460	0.0	0	H								
15	504	0.0	0	H								
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
					SEP. 21, 1977							264
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					6.9	-22	112	-1.4	2.1	-3.2	5	J
15					6.1	6	238	-1.7	-2.2	1.8	5	J
16					7.0	45	259	-0.9	-1.6	6.0	3	J
17					6.5	35	270	0.0	-2.9	5.3	2	J
18					6.1	20	240	-2.2	-2.9	3.0	4	J
19					6.2	2	243	-2.4	-4.3	1.8	3	J
20					6.2	1	282	1.1	-4.7	1.6	3	J
21					5.7	-4	281	0.9	-4.6	0.9	3	J
22					7.2	11	276	0.5	-4.7	2.2	5	J
23					9.3	-36	120	-2.8	3.9	-5.1	6	J
24					8.2	-32	131	-4.3	4.0	-5.1	2	J
					8.7	-10	177	-7.8	0.1	-1.4	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 22, 1977							265
1												
2					7.6	45	351	2.9	0.3	2.9	6	J
3					8.1	-17	146	-5.8	3.1	-3.2	4	J
4					7.6	32	159	-4.9	2.9	2.4	4	J
5	743	6.7	345	J	6.2	25	50	2.4	3.3	0.5	5	J
6	744	7.0	295	J	6.8	52	23	3.7	3.7	3.9	2	J
7	728	6.9	273	J	7.4	46	17	4.3	3.4	3.4	4	J
8	706	7.1	255	J	7.5	34	44	3.9	5.1	1.1	4	J
9	697	7.9	244	J	6.3	42	31	3.2	3.5	1.8	4	J
10	694	7.8	235	J	7.5	38	22	4.7	3.8	2.2	4	J
11	664	7.8	308	J	8.1	22	28	6.3	4.4	0.4	2	J
12	644	6.3	265	J	8.7	46	289	0.8	-0.5	3.5	8	J
13	647	3.3	129	J	11.4	-38	209	-7.5	-7.2	-3.3	3	J
14	653	3.4	105	J	11.5	-44	201	-7.6	-6.6	-5.2	2	J
15	664	2.8	61	J	11.8	-46	199	-7.7	-6.4	-6.0	2	J
16	677	3.6	80	J	11.8	-51	210	-6.1	-7.0	-6.2	4	J
17	687	3.8	83	J	12.1	-55	238	-3.6	-9.0	-6.5	3	J
18	655	2.3	73	J	12.2	-70	204	-3.7	-5.5	-9.9	4	J
19	633	2.7	145	J	10.1	-59	201	-4.6	-4.2	-7.3	3	J
20	635	2.6	223	J	8.7	-64	195	-3.2	-2.6	-6.4	4	J
21	665	2.8	242	J	7.1	-7	262	-0.8	-6.0	0.7	4	J
22	640	3.2	225	J	6.4	-17	259	-0.8	-4.5	-0.4	4	J
23	624	3.5	199	J	5.3	-13	274	0.3	-4.0	-0.1	3	J
24	631	2.4	152	J	4.4	11	231	-2.4	-2.7	1.4	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 23, 1977							266
1	645	2.5	133	J	5.0	42	197	-3.1	-0.2	3.1	2	J
2	619	2.2	75	J	5.9	83	148	-0.6	1.8	5.3	2	J
3	603	2.0	45	J	6.5	61	151	-2.7	3.1	4.9	1	J
4	610	1.7	48	J	6.6	58	140	-2.6	3.9	4.3	2	J
5					6.6	61	155	-2.9	3.5	4.7	1	J
6	591	2.3	44	J	6.6	56	166	-3.6	3.1	4.5	1	J
7	574	3.8	56	J	6.3	46	170	-4.3	2.9	3.6	1	J
8	557	4.5	46	J	6.3	51	176	-4.0	2.8	4.0	0	J
9												
10	565	3.7	65	J	7.3	68	196	-2.6	3.2	6.0	1	J
11	589	4.2	85	J	6.4	65	171	-2.0	2.7	3.3	4	J
12	614	4.8	115	J	5.1	2	143	-3.0	2.0	-1.2	4	J
13	620	6.1	111	J	3.3	-46	127	-0.8	0.1	-1.7	3	J
14	633	5.7	138	J	3.6	-30	117	-0.8	0.8	-1.7	3	J
15	637	5.1	171	J	4.5	67	158	-0.9	1.5	1.9	4	J
16	629	4.2	170	J	5.0	-22	129	-2.7	2.2	-3.0	2	J
17	627	4.6	187	J	5.3	-18	101	-0.8	3.4	-3.0	3	J
18	614	4.6	162	J	5.6	-3	121	-2.4	3.6	-1.6	3	J
19	627	4.9	216	J	5.9	-20	119	-2.3	3.4	-2.9	3	J
20	618	4.1	193	J	5.8	-13	120	-2.3	3.6	-2.1	3	J
21	607	3.9	189	J	5.7	9	111	-1.7	4.5	-0.3	3	J
22	611	4.0	195	J	5.4	-12	103	-1.1	4.3	-2.0	2	J
23	589	3.9	144	J	5.4	24	119	-2.2	4.2	1.1	2	J
24	587	3.4	147	J	5.2	25	104	-1.1	4.7	1.1	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 24, 1977							267
1	561	3.6	118	J	5.0	16	125	-2.6	3.9	0.4	2	J
2	551	3.7	109	J	4.8	25	128	-2.6	3.7	1.0	1	J
3	549	4.0	101	J	4.6	4	117	-1.9	3.7	-0.9	2	J
4	528	3.8	99	J	4.4	-1	134	-2.9	2.8	-1.1	1	J
5	533	3.0	75	J	4.3	-4	118	-1.9	3.2	-1.7	1	J
6	504	3.2	47	J	4.2	2	103	-0.9	3.5	-1.6	2	J
7	507	3.3	55	J	4.2	-15	133	-2.2	1.6	-1.9	2	J
8	502	3.4	52	J	4.1	26	126	-2.0	3.2	-0.0	1	J
9					4.1	17	111	-1.2	3.2	-0.9	2	J
10	498	3.4	54	J	4.3	10	100	-0.7	3.7	-1.7	1	J
11	499	3.5	49	J	4.3	-6	111	-1.4	2.8	-2.5	1	J
12	488	3.6	71	J	4.3	25	143	-2.8	2.7	0.2	2	J
13	475	3.6	92	J	4.3	29	167	-3.4	1.7	1.2	2	J
14	478	3.5	69	J	4.4	37	168	-3.2	1.9	1.7	1	J
15	482	3.5	59	J	4.6	-4	145	-3.0	1.7	-1.3	3	J
16	492	3.7	43	J	4.5	-22	109	-1.2	2.4	-2.8	2	J
17	468	3.5	45	J	4.6	22	151	-3.2	2.2	0.6	2	J
18	454	3.3	37	J	4.5	5	153	-3.8	2.0	-0.3	1	J
19	463	3.3	39	J	4.6	3	115	-1.8	3.7	-0.9	2	J
20	473	3.8	47	J	4.5	-3	102	-0.9	3.8	-1.3	2	J
21	484	3.9	44	J	4.5	-11	78	0.9	3.8	-1.8	1	J
22	489	3.8	43	J	4.6	-10	58	2.3	3.4	-1.5	1	J
23	494	4.1	49	J	4.4	-16	53	2.5	3.0	-1.8	1	J
24	483	4.2	52	J	4.6	-4	75	0.9	3.3	-1.0	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 25, 1977							268
1	476	4.0	48	J	4.5	-14	81	0.7	3.8	-2.0	1	J
2	462	4.0	46	J	4.4	-17	94	-0.3	3.5	-2.2	2	J
3	460	4.2	53	J	4.5	-8	111	-1.3	3.1	-1.5	3	J
4	467	3.6	49	J	4.5	1	106	-1.1	3.6	-1.3	2	J
5	453	3.5	49	J	4.2	-1	141	-3.0	2.2	-1.0	2	J
6	448	3.6	64	J	4.6	-7	151	-3.6	1.6	-1.4	2	J
7												
8	464	3.7	62	J	4.8	12	124	-2.6	3.8	-1.2	1	J
9	467	3.8	61	J	4.8	0	117	-2.0	3.3	-2.2	2	J
10	456	4.0	48	J	4.7	14	124	-2.4	3.5	-1.1	2	J
11	449	4.3	65	J	4.5	22	150	-3.5	2.6	0.2	1	J
12	445	4.4	72	J	4.6	0	141	-3.5	2.3	-1.6	1	J
13	437	4.6	85	J	4.6	24	147	-3.4	2.8	0.3	1	J
14	437	4.9	65	J	4.8	43	137	-2.4	3.5	1.4	1	J
15	413	4.4	36	J	4.9	-4	181	-4.5	-0.2	-0.2	2	J
16					4.8	-10	170	-4.6	0.4	-1.1	1	J
17					4.7	7	132	-3.0	3.3	-0.6	2	J
18	436	4.8	46	J	5.1	27	99	-0.7	4.9	0.6	1	J
19	426	5.2	53	J	5.1	14	107	-1.3	4.5	-0.2	2	J
20	421	5.1	47	J	5.1	-46	118	-1.5	1.8	-3.9	2	J
21	423	5.3	53	J	5.3	7	92	-0.2	4.8	-0.5	2	J
22	414	5.0	47	J	4.8	23	118	-1.5	3.0	0.7	3	J
23	398	5.2	76	J	4.6	27	150	-2.9	2.0	1.3	3	J
24	398	5.4	71	J	4.5	35	145	-2.9	2.5	2.0	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					SEP. 26, 1977							269
1	393	5.9	86	J	4.5	2	187	-3.7	-0.4	0.2	2	J
2	380	5.9	77	J	4.8	8	183	-4.4	1.7	0.2	1	J
3	376	5.2	45	J	4.5	-14	176	-4.2	-0.0	-1.1	1	J
4	397	5.5	43	J	4.7	-1	108	-1.0	2.7	-1.1	4	J
5	412	5.2	42	J	4.6	-1	58	2.3	3.4	-1.6	1	J
6	382	5.1	41	J	4.3	4	144	-2.9	2.0	-0.7	2	J
7	373	5.2	27	J	4.6	12	148	-3.7	2.5	-0.3	1	J
8	379	6.6	69	J	5.6	27	143	-3.2	3.4	0.4	3	J
9					7.1	10	140	-3.2	2.7	-0.9	6	J
10	418	10.2	36	J	7.4	-34	112	-2.0	2.0	-5.6	4	J
11					7.7	-6	141	-5.8	3.4	-3.3	2	J
12					8.1	11	137	-5.7	5.2	-1.7	2	J
13	386	9.9	49	J	8.1	-1	136	-5.7	4.5	-3.1	2	J
14					6.9	-4	172	-6.6	0.5	-0.0	2	J
15	406	11.7	45	J	7.6	-21	106	-1.5	3.6	-4.4	5	J
16	388	11.0	39	J	7.8	-15	115	-3.0	5.0	-4.6	2	J
17	381	10.9	35	J	7.7	-11	135	-4.6	3.7	-3.0	4	J
18	403	14.3	24	J	8.2	17	77	1.7	7.7	-0.4	2	J
19	424	14.7	26	J	9.4	-4	86	0.6	8.3	-3.3	3	J
20	397	14.4	31	J								
21	395	15.6	34	J	8.9	-4	106	-2.4	8.0	-2.5	2	J
22	401	25.9	33	J	7.5	-8	100	-1.2	6.5	-2.4	3	J
23	400	43.4	33	J	3.7	-31	106	-0.6	1.7	-1.7	3	J
24	396	17.4	30	J	10.3	-59	297	2.1	-5.7	-6.7	5	J
					SEP. 27, 1977							270
1	389	20.7	18	J	10.6	-70	293	1.4	-5.6	-8.9	1	J
2	384	13.9	19	J	11.6	-68	294	1.8	-6.6	-9.3	1	J
3	399	10.5	16	J	12.0	-61	294	2.3	-8.0	-8.2	3	J
4	397	12.5	22	J	11.9	-51	291	2.6	-9.6	-6.1	2	J
5	394	16.3	23	J	11.8	-73	276	0.4	-7.6	-8.9	2	J
6	398	8.7	25	J	12.2	-59	287	1.8	-9.9	-6.6	2	J
7	397	4.9	29	J	13.3	-47	286	2.4	-12.1	-4.1	3	J
8	388	0.0	0	H								
9	294	0.0	0	H								
10	326	0.0	0	H								
11	387	0.0	0	H	13.3	-11	273	0.6	-11.5	5.1	4	J
12	396	4.4	52	J	13.4	-17	272	0.4	-12.7	4.0	2	J
13	395	4.7	48	J	13.9	3	270	0.0	-10.6	7.8	4	J
14	404	4.9	20	J	13.9	13	265	-1.2	-9.9	9.7	1	J
15	404	4.9	20	J	11.4	21	267	-0.5	-6.6	7.9	6	J
16	401	4.7	19	J	13.3	22	260	-2.1	-8.6	9.8	2	J
17	393	5.2	24	J	12.9	20	266	-0.8	-9.3	8.8	1	J
18	400	0.0	0	H								
19	379	0.0	0	H								
20	379	11.4	29	J	10.0	21	223	-4.6	-3.5	3.5	7	J
21	380	11.0	25	J	10.5	30	262	-1.3	-8.3	5.5	3	J
22	382	8.0	29	J	11.0	13	257	-2.4	-9.6	4.6	1	J
23	381	6.8	30	J	11.2	25	261	-1.6	-8.8	6.7	1	J
24	373	8.8	27	J	10.4	28	265	-0.8	-7.7	6.6	2	J
					SEP. 28, 1977							271
1	373	9.2	28	J	10.0	25	263	-1.0	-7.3	5.8	3	J
2	366	8.2	37	J	9.6	2	280	1.6	-8.8	2.7	2	J
3	377	9.8	78	J	8.3	32	266	-0.4	-4.1	4.8	5	J
4	378	10.7	120	J	7.7	54	270	0.0	-1.8	6.5	4	J
5	382	11.1	113	J	6.7	47	265	-0.4	-2.0	5.7	3	J
6	389	10.9	84	J	7.5	52	250	-1.2	-1.0	5.6	5	J
7	384	12.0	63	J	8.9	21	269	-0.1	-5.6	6.7	2	J
8	388	12.1	68	J	8.4	-39	261	-0.8	-6.8	-0.9	5	J
9	376	10.5	53	J	8.2	-84	354	0.9	-4.6	-6.8	1	J
10	375	0.0	0	H	7.4	-57	319	2.7	-5.1	-3.2	4	J
11	376	0.0	0	H	7.2	-15	264	-0.7	-6.6	2.3	2	J
12	373	0.0	0	H								
13												
14												
15												
16												
17	377	11.6	79	J	5.6	48	307	2.0	-1.0	4.4	3	J
18	373	11.0	74	J	5.7	34	303	2.4	-2.4	4.1	2	J
19	378	10.7	77	J	4.7	12	293	1.3	-2.7	1.6	3	J
20	360	10.3	78	J	5.2	1	340	4.2	-1.5	0.5	2	J
21	365	10.3	78	J	4.9	-14	35	3.4	2.1	-1.6	2	J
22	380	9.8	78	J	4.2	25	275	0.2	-1.9	1.5	3	J
23	357	10.0	100	J	4.5	15	348	3.4	-0.5	1.1	3	J
24	365	9.1	67	J	4.8	56	331	2.2	-3.4	3.8	2	J
					SEP. 29, 1977							272
1	365	9.2	65	J	5.5	48	312	2.3	-1.6	4.4	2	J
2	363	8.8	76	J	4.8	35	299	1.7	-2.4	3.3	2	J
3	351	8.8	92	J	4.2	32	338	3.0	-0.5	2.3	2	J
4	350	9.0	88	J	4.6	-34	325	2.9	-2.7	-1.5	2	J
5	355	8.5	82	J	5.1	-48	320	2.5	-3.4	-2.5	2	J
6	350	8.2	88	J	6.0	-45	339	3.9	-3.2	-3.1	1	J
7	341	8.4	61	J	7.1	-27	334	5.4	-3.8	-1.4	2	J
8	338	8.1	41	J	6.9	14	324	5.3	-2.4	3.4	2	J
9	337	7.4	51	J	6.1	37	357	4.7	1.7	3.1	2	J
10	343	0.0	0	H	5.4	58	357	2.6	2.3	3.6	2	J
11	366	12.5	165	J	5.2	39	348	3.6	1.1	2.9	2	J
12	352	9.7	67	J	5.1	35	278	0.5	-1.4	3.7	3	J
13	348	9.5	53	J	5.5	9	287	1.4	-3.3	3.0	3	J
14	350	9.9	54	J	5.3	54	311	1.6	0.2	3.8	3	J
15	357	10.5	48	J	6.3	79	301	0.6	1.9	5.4	2	J
16	351	10.8	59	J	6.2	9	289	1.8	-4.4	3.2	3	J
17	349	10.9	39	J	6.6	15	289	1.9	-4.4	3.6	3	J
18	344	10.7	21	J	6.7	41	310	3.1	-2.0	5.2	2	J
19	341	13.1	18	J	6.4	33	326	4.4	-1.6	4.1	2	J
20	346	16.2	19	J	6.2	29	333	4.4	-1.4	3.2	2	J
21	337	23.7	11	J	6.6	22	351	5.8	-0.3	2.5	2	J
22	338	26.9	10	J	5.7	6	345	5.2	-1.2	0.6	2	J
23	334	28.3	10	J	4.8	7	349	4.3	-0.7	0.7	2	J
24	332	23.1	13	J	4.5	-5	324	3.5	-2.5	0.2	2	J
					SEP. 30, 1977							273
1	330	21.0	10	J	5.6	20	346	5.1	-0.8	2.2	1	J
2	332	21.7	10	J	6.1	18	347	5.6	-0.8	2.1	1	J
3	329	19.8	13	J	6.6	21	355	6.0	0.2	2.3	1	J
4	328	21.7	16	J	6.3	26	6	5.6	1.5	2.4	1	J
5	321	20.1	18	J	5.9	13	4	5.4	0.8	1.0	2	J
6	313	17.2	18	J	5.3	6	20	4.7	1.8	-0.3	1	J
7	323	19.6	20	J	5.9	12	18	5.3	2.1	0.2	1	J
8	318	21.0	20	J	6.3	7	3	6.1	0.7	0.5	1	J
9	316	22.5	24	J	6.1	1	356	6.1	-0.3	0.3	1	J
10	319	0.0	0	H	5.3	12	45	1.6	1.6	-0.5	5	J
11	324	0.0	0	H	4.9	-32	106	-0.7	1.2	-2.9	4	J
12	344	0.0	0	H								
13	343	0.0	0	H	6.0	-24	305	3.0	-4.9	0.4	2	J
14	347	0.0	0	H	5.7	18	274	0.3	-2.7	3.1	4	J
15	335	0.0	0	H	4.2	48	245	-0.6	-0.4	2.1	4	J
16	351	0.0	0	H	4.3	-34	243	-1.0	-2.4	-0.5	3	J
17	357	0.0	0	H	4.4	2	263	-0.4	-2.8	1.3	3	J
18	364	0.0	0	H	5.8	-28	233	-2.9	-4.4	-1.1	2	J
19	357	0.0	0	H	5.7	-11	258	-1.1	-5.2	0.6	2	J
20	362	0.0	0	H	5.4	-23	252	-1.3	-4.5	-0.7	2	J
21	345	0.0	0	H								
22	361	0.0	0	H								
23												
24												
					OCT. 1, 1977							274
1	336	0.0	0	H								
2	335	0.0	0	H								
3	355	0.0	0	H								
4	346	0.0	0	H								
5	339	0.0	0	H								
6	334	0.0	0	H								
7	334	0.0	0	H								
8	334	0.0	0	H								
9	334	0.0	0	H								
10	332	0.0	0	H								
11	335	0.0	0	H								
12	334	0.0	0	H								
13	334	0.0	0	H								
14	334	0.0	0	H								
15	327	0.0	0	H								
16	333	0.0	0	H								
17	332	0.0	0	H								
18	329	0.0	0	H								
19	333	0.0	0	H								
20	332	0.0	0	H								
21	330	0.0	0	H								
22	335	0.0	0	H								
23	336	0.0	0	H								
24	332	0.0	0	H								
					OCT. 2, 1977							275
1	332	0.0	0	H								
2	335	0.0	0	H								
3	334	0.0	0	H								
4	326	0.0	0	H								
5	324	0.0	0	H								
6	309	0.0	0	H								
7	312	0.0	0	H								
8	308	0.0	0	H								
9	324	0.0	0	H								
10	318	0.0	0	H								
11	311	0.0	0	H								
12	311	0.0	0	H								
13	310	0.0	0	H								
14	314	0.0	0	H								
15	306	0.0	0	H								
16	304	0.0	0	H								
17	303	0.0	0	H								
18	303	0.0	0	H								
19	302	0.0	0	H								
20	304	0.0	0	H								
21	305	0.0	0	H								
22	305	0.0	0	H								
23	312	0.0	0	H								
24	327	0.0	0	H								
					OCT. 3, 1977							276
1	326	0.0	0	H								
2	311	0.0	0	H								
3	305	0.0	0	H								
4	305	0.0	0	H								
5	305	0.0	0	H								

10/04/77 - 10/11/77

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 4, 1977							277
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11	381	9.4	67	J	4.0	17	57	1.7	2.7	-0.7	2	J
12	388	8.3	87	J	3.9	-61	148	-1.3	-0.9	-2.7	2	J
13	394	8.5	81	J	3.7	-38	268	-0.1	-2.2	-0.2	3	J
14	399	8.5	80	J	3.6	-8	293	1.1	-2.5	1.0	2	J
15	395	7.6	57	J	4.5	1	298	1.8	-2.9	1.7	2	J
16	387	6.5	41	J	4.4	8	284	1.0	-3.2	2.2	2	J
17	398	6.8	41	J	3.9	5	237	-2.0	-2.6	1.5	1	J
18	387	6.2	37	J	4.1	14	285	0.9	-2.9	2.0	2	J
19	377	6.9	35	J	4.1	2	276	0.4	-3.4	1.2	2	J
20	378	7.5	39	J	3.9	-12	275	0.3	-3.4	0.2	2	J
21	385	8.4	30	J	3.7	11	253	-0.9	-2.9	1.3	2	J
22	383	8.7	33	J	4.2	-26	261	-0.6	-3.9	-1.0	1	J
23	382	9.5	30	J	4.5	-29	261	-0.6	-4.1	-1.3	1	J
24	382	14.7	34	J	3.6	-19	276	0.2	-1.9	-0.2	3	J
					OCT. 5, 1977							278
1	385	15.1	37	J	3.7	30	291	0.5	-1.0	1.0	4	J
2	384	17.0	34	J	3.1	50	120	-0.7	1.7	1.4	2	J
3	383	15.2	40	J	2.5	44	127	-0.7	1.2	0.8	2	J
4	384	12.4	42	J	4.2	44	46	1.6	2.4	1.6	3	J
5	384	12.9	46	J	3.6	32	316	1.3	-0.6	1.4	3	J
6	385	13.5	51	J	3.3	-29	20	2.5	0.2	-1.6	1	J
7	390	14.3	43	J	3.7	-32	282	0.6	-3.4	-0.2	1	J
8	389	16.9	36	J	2.5	17	309	1.1	-0.9	1.1	2	J
9	388	17.7	30	J	3.5	-21	295	0.8	-3.1	0.6	1	J
10	375	14.0	36	J	4.4	-8	309	2.4	-2.7	1.2	2	J
11	378	19.9	27	J	3.1	-28	244	-0.5	-1.1	0.1	3	J
12	377	24.4	22	J	2.1	30	92	-0.0	1.2	-0.1	2	J
13	375	25.9	19	J	1.4	67	26	0.4	0.8	0.8	1	J
14	374	26.0	18	J	2.1	51	91	-0.0	1.6	0.6	1	J
15	371	23.0	20	J	3.1	53	139	-1.3	2.0	1.4	2	J
16	369	24.6	23	J	2.1	52	102	-0.3	1.9	0.9	1	J
17												
18	367	19.6	33	J	1.2	-23	25	0.7	0.2	-0.4	1	J
19	374	15.8	39	J	3.7	-10	59	1.3	1.9	-1.0	3	J
20	382	13.9	47	J	5.0	28	74	2.9	3.7	3.9	3	J
21	370	14.3	60	J	5.2	50	131	-1.8	2.7	2.7	3	J
22	364	14.2	60	J	6.1	34	140	-3.9	3.5	2.1	4	J
23	376	13.9	59	J	5.9	83	51	0.2	0.9	3.1	5	J
24	372	13.9	59	J	5.4	39	93	-0.2	3.5	1.8	4	J
					OCT. 6, 1977							279
1	370	14.2	63	J	5.5	27	112	-1.5	4.4	1.2	3	J
2	377	22.4	54	J	3.0	74	90	0.0	1.2	2.0	2	J
3	383	22.6	51	J	2.3	47	97	-0.2	1.6	0.9	1	J
4	388	23.3	44	J	2.4	-63	119	-0.4	0.1	-1.7	2	J
5	385	27.9	34	J	2.1	57	175	-0.8	0.5	1.1	2	J
6	382	28.8	33	J	2.5	7	233	-1.1	-1.2	0.8	2	J
7	376	26.0	22	J	5.6	-3	62	2.5	4.0	-2.6	2	J
8	374	33.5	20	J	3.1	44	25	1.2	1.2	0.8	3	J
9	372	33.2	21	J	1.4	14	205	-1.1	-0.3	0.6	1	J
10	370	31.0	26	J	1.6	20	192	-1.4	0.0	0.6	1	J
11	372	29.8	27	J	2.1	17	5	1.3	0.3	0.3	2	J
12	367	27.8	29	J	2.6	-13	299	1.1	-1.9	0.7	1	J
13	368	23.2	36	J	2.7	-4	62	0.4	3.6	-0.5	3	J
14	378	19.5	43	J	4.7	63	250	-0.6	0.4	3.9	2	J
15	378	19.5	41	J	4.3	35	132	-1.7	2.5	0.7	3	J
16	378	17.7	43	J	3.6	-8	118	-1.0	1.5	-1.1	3	J
17	386	18.5	46	J	3.3	-30	0	2.6	-0.6	-1.4	1	J
18	379	16.1	37	J	4.0	9	345	3.6	-1.0	1.0	1	J
19	379	18.0	45	J	4.0	4	338	3.5	-1.3	0.7	1	J
20	388	19.4	43	J	3.3	16	321	2.1	-1.4	1.2	2	J
21	389	19.7	43	J	2.6	28	272	0.1	-1.8	1.6	1	J
22	378	18.6	39	J	3.8	19	303	1.8	-2.5	1.7	2	J
23					3.6	28	314	1.9	-1.6	1.8	2	J
24	380	17.5	47	J	4.2	30	298	1.6	-2.6	2.6	1	J
					OCT. 7, 1977							280
1	373	15.8	50	J	5.2	27	333	3.9	-1.4	2.6	2	J
2	371	13.9	38	J	6.0	28	336	4.7	-1.3	3.2	2	J
3	371	13.5	41	J	5.7	4	318	4.1	-3.4	1.4	2	J
4	367	12.2	44	J	5.1	-2	324	4.0	-2.6	0.8	1	J
5	364	11.5	46	J	4.7	-2	324	3.7	-2.6	0.9	1	J
6	364	10.9	41	J	4.3	6	318	3.1	-2.3	1.6	1	J
7	364	10.5	41	J	4.2	-7	342	3.2	-1.1	0.1	2	J
8	359	10.1	45	J								
9	359	11.7	59	J	4.0	7	3	3.8	0.4	0.3	1	J
10	361	10.8	45	J	4.4	-12	25	3.7	1.0	-1.7	1	J
11	357	10.1	44	J	4.4	7	30	3.6	2.0	-0.8	1	J
12	350	9.8	58	J	4.3	6	5	4.2	0.5	0.2	1	J
13	344	8.8	63	J	4.2	15	353	3.9	1.2	1.2	1	J
14	341	9.2	65	J	4.1	2	353	4.0	-0.3	0.4	1	J
15	339	8.6	43	J	3.8	6	359	3.8	0.1	0.4	1	J
16	335	9.0	26	J	3.8	14	352	3.6	-0.1	1.0	1	J
17												
18												
19	334	7.5	24	J	3.7	18	327	2.8	-1.4	1.6	1	J
20	334	7.2	21	J	3.7	32	338	2.8	-0.6	2.1	1	J
21	340	7.2	34	J	3.7	36	310	1.9	-1.8	2.6	0	J
22					3.9	38	282	0.6	-2.3	2.8	1	J
23					3.7	-15	264	-0.3	-3.4	-0.2	2	J
24	335	7.8	19	J	4.0	22	345	3.3	-0.6	1.5	1	J
					OCT. 8, 1977							281
1	342	8.6	23	J	4.0	21	296	1.4	-2.6	1.9	2	J
2	337	9.0	16	J	3.7	-12	322	2.8	-2.3	-0.2	1	J
3	333	8.9	16	J	3.9	-5	325	2.9	-2.1	0.3	1	J
4	335	9.1	16	J	3.6	-30	308	1.8	-2.8	-0.8	1	J
5	342	9.4	29	J	3.5	-25	298	1.4	-3.1	-0.3	1	J
6	346	11.4	32	J	3.7	68	309	0.8	0.5	3.2	2	J
7	352	11.8	32	J	2.9	70	12	0.7	1.1	1.7	2	J
8	343	10.8	29	J	4.6	-7	311	2.7	-2.9	1.2	2	J
9					3.9	-51	266	-0.1	-3.0	-1.0	2	J
10	354	12.6	26	J	3.6	-32	278	0.4	-3.5	0.1	1	J
11	356	14.3	29	J	3.8	31	295	1.3	-1.2	3.0	2	J
12	355	17.5	25	J	3.5	10	291	0.8	-1.6	1.6	3	J
13	360	17.8	19	J	4.5	-50	296	0.9	-3.0	-1.1	3	J
14	358	17.5	20	J	4.9	-33	289	1.1	-4.0	-0.3	3	J
15	360	18.5	18	J	5.0	11	288	1.4	-3.4	2.8	2	J
16	361	16.7	20	J	5.5	1	294	2.0	-4.0	2.0	3	J
17	368	12.4	18	J	7.1	14	297	2.7	-4.4	3.4	3	J
18	371	10.1	21	J	6.7	-4	298	3.1	-5.6	1.5	1	J
19	378	14.7	20	J	5.8	-12	302	2.7	-4.4	0.2	3	J
20	378	16.5	22	J	5.5	-25	302	2.6	-4.6	-1.2	1	J
21	371	17.4	16	J	4.8	-17	302	2.4	-4.0	-0.5	1	J
22	383	13.7	19	J	4.8	16	328	3.5	-1.9	1.6	2	J
23	396	9.4	16	J	5.3	13	339	4.7	-1.6	1.5	1	J
24	410	8.1	31	J	5.1	8	338	4.7	-1.7	1.1	1	J
					OCT. 9, 1977							282
1	413	7.2	31	J	4.8	-2	334	4.3	-2.1	0.3	0	J
2	412	6.2	30	J	5.1	-2	332	4.5	-2.4	0.4	0	J
3	413	5.2	33	J	5.4	0	334	4.8	-2.2	0.7	0	J
4	400	5.1	19	J	5.5	-3	330	4.8	-2.7	0.7	0	J
5	402	4.9	23	J	5.4	0	325	4.4	-2.9	1.2	0	J
6												
7												
8												
9												
10	407	0.0	0	H								
11	414	0.0	0	H	5.8	-15	321	4.4	-3.8	0.7	1	J
12	404	3.4	20	J	5.5	-20	327	4.3	-3.4	-0.0	0	J
13	419	3.5	37	J	5.5	-15	325	4.3	-3.3	0.4	1	J
14	418	2.4	44	J	5.5	-20	323	4.1	-3.6	-0.0	1	J
15	430	2.3	37	J	5.3	-17	324	4.1	-3.4	0.0	0	J
16	432	2.9	48	J	4.8	-4	321	3.7	-2.9	1.0	1	J
17	429	3.7	36	J	4.7	-6	324	3.8	-2.7	0.6	0	J
18	431	0.0	0	H	4.4	6	322	3.4	-2.3	1.3	1	J
19	421	4.0	38	J	4.5	1	314	3.1	-3.0	1.0	1	J
20	419	4.1	40	J	4.4	-1	299	2.1	-3.7	0.9	0	J
21	409	0.0	0	H	4.0	5	297	1.8	-3.3	1.1	1	J
22	411	3.6	101	J	4.0	3	297	1.8	-3.4	0.9	1	J
23	423	2.4	116	J	4.6	6	313	3.1	-3.2	1.1	1	J
24					6.1	6	317	4.4	-3.9	1.4	1	J
					OCT. 10, 1977							283
1	354	0.9	94	J	6.1	9	320	4.6	-3.6	1.8	0	J
2					6.1	7	323	4.6	-3.6	1.7	0	J
3	349	0.0	0	H	5.9	17	312	3.7	-3.5	2.8	1	J
4					5.9	5	316	3.9	-3.4	1.7	2	J
5					6.0	-17	317	4.1	-4.2	-0.1	1	J
6					5.9	-20	321	4.2	-3.9	-0.3	1	J
7	323	1.2	59	J	5.8	-14	319	4.2	-3.9	0.5	1	J
8					5.9	-12	322	4.5	-3.6	0.8	0	J
9	289	0.0	0	H	5.8	-12	321	4.4	-3.7	0.9	0	J
10	335	0.0	0	H								
11	341	0.0	0	H								
12	343	0.0	0	H								
13	336	0.0	0	H	3.6	-6	330	2.8	-1.6	0.6	1	J
14	340	0.0	0	H	4.5	-11	5	4.2	-0.1	-0.9	1	J
15	339	13.7	40	J	4.6	7	348	4.5	-0.8	0.5	1	J
16	340	11.6	30	J	4.3	6	2	4.1	0.3	0.3	1	J
17	340	13.8	37	J	5.1	7	11	4.9	1.1	0.2	1	J
18	335	0.0	0	H	5.5	19	22	4.6	2.3	1.0	2	J
19	327	27.6	18	J	3.5	15	23	3.0	1.5	0.5	2	J
20	328	28.3	14	J	4.1	14	26	3.5	1.9	0.5	1	J
21	325	26.8	20	J	4.5	18	69	0.8	2.2	0.3	4	J
22	318	16.7	36	J	6.7	19	117	-2.6	5.4	0.9	3	J
23	331	18.2	36	J	6.0	-13	53	3.0	3.8	-1.9	3	J
24	321	16.3	38	J	6.9	27	87	0.3	6.4	1.8	1	J
					OCT. 11, 1977							284
1	312	13.9	28	J	7.4	7	101	-1.3	6.9	-0.6	2	J
2	314	14.8	28	J	7.3	6	105	-1.8	6.7	-0.9	2	J
3	309	16.8	22	J	7.3	4	122	-3.6	5.7	-1.2	2	J
4	308	21.6	14	J	6.3	29	105	-1.4	5.8	1.1	1	J
5	301	22.6	14	J	5.7	26	105	-1.3	5.4	0.4	1	J
6	299	20.6	14	J	6.2	24	124	-3.2	5.3	0.2	1	J
7	292	18.1	15	J	6.3	31	131	-3.5	5.1	0.9	1	J
8	305	29.8	16	J	7.4	50	128	-2.8	6.0	2.9	2	J
9	301	26.5	25	J	8.3	32	144	-5.4	5.6	1.4	3	J
10	302	25.9	15	J	8.5	30	134	-5.1	6.7	0.6	1	J
11	293	24.8	17	J	8.5	32	145	-5.9	5.9	1.4	2	J
12	287	26.7	15	J	9.1	31	162	-7.4	4.6	2.6	1	J
13	295	26.7	15	J	9.9	35	167	-7.7	4.4	3.7	2	J
14	309	28.8	19	J	10.2	43	155	-6.3	5.8	4.1	4	J
15	308	0.0	0	H	11.0	26	149	-8.2	6.6	1.8	3	J
16	313	0.0	0	H	10.8	19	138	-7.2	7.3	0.3	4	J
17	318	21.0	29	J	11.1	27	134	-6.8	8.4	2.0	1	J
18	312	27.8	25	J	11.0	22	133	-6.8	8.2	1.4	3	J
19	318	41.4	28	J	11.0	33	173	-8.2	2.5	4.9	5	J
20	351	30.7	60	J	14.2	-1	120	-5.9	9.9	-2.7	8	J
21	386	16.7	88	J	13.2	-2	122	-4.6	7.1	-1.9	10	J
22	400	18.4	114	J	11.5	-32	100	-1.4	7.0	-6.7	6	J
23	394	19.7	192	J	7.3	-1	146	-5.1	3.4	-0.8	4	J
24	385	19.9	207	J	7.4	16	167	-6.1	1.7	1.5	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 12, 1977							285
1	405	14.4	119	J	9.1	-12	129	-5.0	5.7	-3.0	4	J
2	415	11.9	104	J	8.4	-19	131	-4.4	4.3	-3.5	4	J
3	440	18.3	88	J	6.7	-52	119	-1.8	1.8	-5.5	4	J
4	452	18.2	68	J	5.0	-51	96	-0.3	1.6	-4.4	2	J
5	459	10.0	66	J	6.9	-49	85	0.4	2.1	-6.3	2	J
6	466	11.0	54	J	6.2	-59	76	0.7	0.5	-5.7	2	J
7	461	13.2	39	J	6.4	-59	112	-1.2	0.1	-6.1	2	J
8	451	14.9	43	J	6.2	-46	107	-1.2	1.2	-5.5	2	J
9	447	16.3	71	J	4.9	-10	114	-0.9	1.5	-1.4	4	J
10	465	16.8	48	J	6.1	11	18	4.4	1.7	-0.0	4	J
11	443	17.1	42	J	6.5	-48	97	-0.5	0.8	-5.7	3	J
12	448	18.6	39	J	5.8	-47	77	0.8	0.8	-4.8	3	J
13	449	20.4	36	J	5.3	-3	92	-0.2	3.8	-2.7	2	J
14	445	21.9	44	J	5.5	-15	14	3.7	0.3	-1.4	4	J
15	452	11.5	30	J	7.1	9	112	-2.0	4.7	-1.5	5	J
16	442	7.6	17	J	8.1	14	130	-5.1	6.3	-0.8	1	J
17	433	6.5	23	J	8.2	14	130	-5.1	6.4	-0.4	1	J
18	430	7.3	24	J	8.5	16	139	-6.2	5.8	0.5	1	J
19	430	8.3	22	J								
20	426	13.5	28	J	8.6	32	143	-5.6	5.1	3.2	3	J
21	421	24.4	35	J	6.3	41	215	-3.0	-1.4	3.6	4	J
22	415	16.0	32	J	8.4	23	133	-5.2	6.1	2.1	1	J
23	414	17.1	32	J	7.5	42	148	-4.7	3.8	4.3	2	J
24	424	21.4	68	J	5.2	57	207	-2.4	-0.4	4.3	2	J
					OCT. 13, 1977							286
1	417	19.6	59	J	4.4	43	181	-2.8	0.5	2.5	2	J
2	412	15.7	58	J	5.7	33	182	-4.6	0.6	2.9	2	J
3	409	14.9	61	J	5.9	33	173	-4.6	1.4	2.7	3	J
4	423	17.6	73	J	5.8	26	106	-0.5	1.9	0.3	6	J
5	442	14.8	71	J	5.3	-62	67	0.9	0.3	-5.0	2	J
6	440	16.3	71	J	4.7	-53	44	2.0	0.2	-4.1	1	J
7	449	20.2	78	J	1.8	21	158	-1.1	0.6	0.2	2	J
8	429	14.3	107	J	5.4	38	172	-3.8	2.0	2.3	3	J
9												
10	425	0.0	0	H								
11	420	0.0	0	H								
12	414	0.0	0	H								
13	422	0.0	0	H								
14	441	0.0	0	H								
15	435	0.0	0	H								
16	440	0.0	0	H								
17	426	0.0	0	H								
18	424	0.0	0	H								
19	419	0.0	0	H								
20	417	0.0	0	H								
21	409	0.0	0	H								
22	412	0.0	0	H								
23	410	0.0	0	H								
24	412	0.0	0	H								
					OCT. 14, 1977							287
1	418	0.0	0	H								
2	416	0.0	0	H								
3	419	0.0	0	H								
4	412	0.0	0	H								
5	415	0.0	0	H								
6	414	0.0	0	H								
7	405	0.0	0	H								
8	409	0.0	0	H								
9	401	0.0	0	H								
10	371	0.0	0	H								
11	381	0.0	0	H								
12	377	0.0	0	H								
13												
14	468	0.0	0	H								
15												
16												
17	465	0.0	0	H								
18	461	0.0	0	H								
19	450	0.0	0	H								
20	485	0.0	0	H								
21	475	0.0	0	H								
22	453	0.0	0	H								
23	435	0.0	0	H								
24	453	0.0	0	H								
					OCT. 15, 1977							288
1	447	0.0	0	H								
2	444	0.0	0	H								
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	452	0.0	0	H								
17	455	0.0	0	H								
18	452	0.0	0	H								
19	431	0.0	0	H								
20	426	0.0	0	H								
21	410	0.0	0	H								
22												
23												
24												
					OCT. 16, 1977							289
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	380	14.3	36	J	5.5	-14	358	5.2	-0.7	-1.1	2	J
17	390	15.4	33	J	5.8	-10	347	5.3	-1.5	-0.4	2	J
18	386	13.0	31	J	5.7	-6	331	4.3	-2.5	0.3	2	J
19	385	16.9	34	J	5.4	-11	335	4.4	-2.3	-0.4	2	J
20	395	16.6	25	J	6.1	23	298	2.5	-4.1	3.4	2	J
21	386	12.9	23	J	7.6	2	317	5.0	-4.5	1.2	3	J
22	373	14.4	19	J	7.3	-23	340	6.1	-2.7	-2.3	1	J
23	369	14.2	15	J	6.4	-30	358	5.5	-0.7	-3.1	1	J
24	360	7.9	16	J	6.6	-18	342	5.6	-2.1	-1.6	2	J
					OCT. 17, 1977							290
1	353	7.6	23	J								
2	354	6.3	18	J	7.4	-25	343	6.2	-2.5	-2.5	1	J
3	353	7.2	22	J	7.5	-24	339	6.1	-3.1	-2.2	1	J
4	352	8.4	23	J								
5	354	7.2	22	J	7.2	-30	325	4.8	-4.3	-1.9	2	J
6	392	6.5	39	J	7.7	-31	293	2.2	-6.2	-0.9	4	J
7	397	7.6	29	J	6.6	-26	279	0.9	-6.2	0.2	2	J
8	392	9.4	38	J	6.9	6	265	-0.4	-3.9	2.8	5	J
9	401	8.2	40	J	9.3	62	166	-4.1	5.1	6.3	2	J
10	399	11.1	40	J	7.9	20	239	-3.5	-3.5	5.2	4	J
11	381	9.3	31	J	7.5	-3	292	2.2	-4.8	2.8	4	J
12	398	9.5	45	J	7.7	-9	291	2.5	-6.0	2.6	3	J
13	405	8.8	44	J	6.6	-39	140	-3.2	0.5	-4.3	4	J
14	400	7.1	34	J	7.3	2	156	-6.5	2.6	-1.2	1	J
15	405	6.5	47	J	6.4	-8	153	-4.9	1.9	-1.8	3	J
16	414	7.1	71	J	6.4	-21	119	-2.5	3.3	-3.7	3	J
17	426	6.7	70	J	6.5	-41	129	-2.5	1.6	-4.3	4	J
18	429	6.6	72	J	6.3	20	200	-3.2	-0.7	1.5	5	J
19	441	6.5	73	J	5.9	9	229	-3.0	-3.2	1.7	4	J
20	421	6.4	62	J	6.0	-20	167	-4.5	0.6	-1.9	3	J
21	410	5.1	43	J	5.9	-10	150	-4.6	2.4	-1.4	2	J
22	422	5.8	66	J	6.8	-17	135	-4.3	3.9	-2.6	2	J
23	429	6.4	76	J	7.2	-21	135	-4.6	4.1	-3.3	2	J
24	418	5.7	53	J	7.2	-6	136	-4.9	4.6	-1.6	2	J
					OCT. 18, 1977							291
1	416	5.6	47	J	7.1	-12	137	-4.9	4.2	-2.3	2	J
2	426	5.7	63	J	7.4	-19	127	-4.1	4.8	-3.5	1	J
3	409	6.1	45	J	7.3	-17	150	-5.5	2.6	-2.8	3	J
4	407	7.1	51	J	8.1	-19	167	-6.8	0.7	-2.8	3	J
5	425	8.2	68	J	8.6	-32	147	-5.8	1.9	-5.4	3	J
6	432	9.8	101	J	8.9	-21	129	-5.1	4.4	-5.4	2	J
7	415	8.2	51	J	9.2	6	142	-6.7	5.0	-1.6	3	J
8	407	8.2	58	J	9.3	2	142	-6.9	4.8	-2.4	3	J
9	409	8.5	59	J	9.6	13	152	-8.1	4.8	-0.5	2	J
10	406	7.6	46	J	10.0	3	149	-8.4	4.5	-2.3	1	J
11	407	8.1	54	J	10.4	8	140	-7.7	6.2	-2.4	2	J
12	405	7.4	50	J	10.6	9	143	-8.3	6.1	-2.0	2	J
13	396	7.7	53	J	10.6	12	152	-9.0	5.2	-0.6	2	J
14	412	7.6	58	J	10.5	1	134	-7.1	6.5	-3.4	3	J
15	415	8.4	77	J	10.4	12	138	-6.8	6.3	-1.0	5	J
16	445	9.1	159	J	9.0	17	136	-5.3	5.6	-0.0	5	J
17	462	9.0	154	J	8.7	41	149	-3.8	3.5	2.8	6	J
18	474	9.9	139	J	9.3	36	173	-3.4	1.2	2.2	8	J
19	476	8.4	119	J	10.0	-31	130	-5.5	4.9	-6.6	2	J
20	480	6.0	120	J	10.9	-29	121	-4.8	6.6	-6.9	2	J
21	500	5.6	109	J	11.3	-33	109	-3.0	7.4	-7.7	2	J
22	493	6.0	116	J	11.4	-36	113	-3.6	7.1	-8.0	2	J
23	479	5.8	128	J	11.5	-33	115	-4.0	7.5	-7.6	1	J
24	474	5.3	115	J	11.5	-31	120	-4.8	7.2	-7.2	2	J
					OCT. 19, 1977							292
1	482	5.7	136	J	11.2	-30	122	-5.1	6.9	-7.0	1	J
2												
3					9.4	8	185	-7.3	-0.3	1.2	6	J
4	498	5.3	184	J	9.2	14	136	-5.0	5.1	0.1	6	J
5	521	5.9	317	J	7.6	38	158	-3.9	2.7	2.5	5	J
6	528	5.3	296	J	7.0	36	172	-3.5	1.5	2.1	5	J
7	537	4.5	286	J	6.3	-14	123	-2.1	2.4	-2.3	5	J
8	550	3.5	328	J	6.9	64	149	-2.0	3.5	3.6	4	J
9	543	3.0	313	J	6.5	46	139	-3.0	4.4	2.1	3	J
10	523	2.5	200	J	6.4	7	136	-4.1	3.7	-1.5	3	J
11	547	1.7	253	J	6.3	36	144	-3.2	3.5	1.2	4	J
12	530	1.3	244	J	6.5	6	117	-2.4	4.3	-2.0	4	J
13	537	1.4	227	J	6.6	-11	118	-2.7	3.7	-3.5	3	J
14	494	1.3	269	J	6.3	-34	127	-2.7	1.7	-4.5	3	J
15					6.3	0	130	-3.5	3.7	-1.9	3	J
16					6.6	-1	129	-4.0	4.4	-2.1	2	J
17					6.6	-5	122	-3.3	4.8	-2.4	2	J
18					6.6	-6	130	-4.1	4.4	-2.1	2	J
19					6.4	-3	133	-4.2	4.2	-1.5	2	J
20					6.5	3	131	-4.2	4.8	-0.6	1	J
21					6.6	6	133	-4.4	4.8	-0.2	1	J
22					6.7	7	135	-4.6	4.7	-0.0	1	J
23					8.2	14	118	-3.6	6.9	3.7	3	J
24					9.1	18	111	-3.1	8.4	1.4	1	J

10/20/77 - 10/27/77

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 20, 1977							293
1					8.9	15	107	-2.5	8.4	0.7	1	J
2					7.9	-3	109	-2.5	7.1	-2.0	1	J
3					8.4	-3	110	-2.8	7.3	-2.5	2	J
4					8.5	11	112	-3.1	7.8	-0.9	1	J
5					8.4	-5	113	-3.2	6.8	-3.5	1	J
6					8.1	-6	124	-4.4	5.6	-3.5	2	J
7					6.9	-1	131	-4.5	4.5	-2.5	1	J
8					6.6	-1	131	-4.2	4.1	-2.5	2	J
9					6.3	-9	139	-4.3	2.7	-2.7	2	J
10					6.2	8	122	-2.9	4.3	-1.8	3	J
11					6.4	-6	144	-4.8	2.6	-2.4	2	J
12					6.3	-24	184	-3.3	-1.0	-1.1	5	J
13												
14												
15					5.4	-71	182	-0.7	-0.9	-1.7	5	J
16					5.7	-27	180	-4.4	-0.9	-2.0	3	J
17	516	1.1	254	J	5.1	-7	164	-4.8	1.1	-1.1	1	J
18	525	1.5	400	J								
19					5.6	24	156	-4.5	2.5	1.6	2	J
20	535	1.1	219	J	5.4	9	176	-5.2	0.5	0.7	1	J
21	511	0.8	158	J	5.3	5	159	-4.7	1.8	0.1	2	J
22	516	1.0	140	J	5.9	-12	149	-3.7	2.0	-1.3	4	J
23	574	1.2	242	J	6.1	-18	80	0.9	5.0	-2.6	2	J
24	530	1.2	291	J	5.4	40	154	-3.1	2.0	2.6	3	J
					OCT. 21, 1977							294
1	499	0.7	205	J	5.2	-12	127	-2.8	3.5	-1.7	2	J
2					5.5	3	161	-5.1	1.8	-0.1	1	J
3	557	1.1	437	J	5.8	8	177	-5.4	0.5	0.7	2	J
4					5.6	12	169	-5.2	1.3	0.8	1	J
5	472	1.0	253	J	5.9	7	168	-5.6	1.4	0.2	1	J
6	470	1.0	274	J	6.3	11	172	-6.0	1.3	0.7	1	J
7												
8	447	0.6	79	J	6.8	-11	159	-6.2	1.4	-2.3	1	J
9					6.9	-6	156	-6.2	2.0	-2.0	1	J
10					6.1	-4	170	-5.7	0.6	-0.9	2	J
11					6.4	-7	161	-5.9	1.3	-1.7	1	J
12					6.4	-9	150	-5.5	2.1	-2.5	1	J
13					6.4	-9	148	-5.4	2.4	-2.6	0	J
14					6.5	-19	152	-5.3	1.5	-3.2	1	J
15					6.5	-23	154	-5.3	1.2	-3.4	1	J
16					6.4	-33	139	-3.9	1.8	-4.5	2	J
17					6.7	-23	122	-3.1	3.8	-4.1	2	J
18					6.4	-14	120	-3.1	4.6	-3.1	0	J
19												
20												
21												
22	407	1.4	100	J	6.3	-15	113	-2.3	5.2	-2.5	1	J
23	421	1.4	94	J	6.3	-20	103	-1.3	5.3	-3.0	1	J
24	414	1.4	122	J	6.5	-18	104	-1.4	5.3	-2.8	2	J
					OCT. 22, 1977							295
1	445	1.6	137	J	6.6	-7	131	-1.2	5.8	-1.9	2	J
2	435	1.6	133	J	6.7	-36	108	-1.6	4.0	-4.8	1	J
3												
4												
5												
6	443	1.8	55	J	7.3	-38	145	-4.5	1.1	-5.2	1	J
7	457	3.4	54	J	6.5	-50	110	-1.3	1.1	-5.7	2	J
8	350	0.0	0	H								
9												
10	384	0.0	0	H								
11	410	0.0	0	H								
12	327	0.0	0	H								
13	352	0.0	0	H								
14	396	0.0	0	H								
15	424	0.0	0	H								
16	398	0.0	0	H								
17	437	0.0	0	H								
18	420	0.0	0	H								
19	419	0.0	0	H								
20	421	0.0	0	H								
21	411	0.0	0	H								
22	414	0.0	0	H								
23	409	4.0	55	J	5.9	13	125	-3.0	4.4	0.5	2	J
24	395	4.2	59	J	5.8	-12	145	-4.2	2.7	-1.5	3	J
					OCT. 23, 1977							296
1	405	4.5	66	J	6.1	6	137	-3.9	3.6	-3.1	3	J
2	380	4.3	37	J	6.2	-14	163	-5.4	1.3	-1.7	2	J
3	373	4.1	34	J	6.0	-1	170	-5.6	0.9	-0.4	2	J
4	383	4.6	56	J	6.3	-30	170	-4.9	-0.1	-3.0	2	J
5	394	4.6	63	J	6.6	15	147	-4.8	3.4	0.3	3	J
6	390	4.7	55	J	6.7	19	142	-4.8	4.3	0.4	2	J
7	382	4.8	56	J	6.8	20	145	-4.9	4.1	0.4	2	J
8	369	4.5	29	J	6.8	-22	187	-6.2	-1.9	-1.6	1	J
9	389	5.1	40	J	7.5	20	162	-5.4	2.6	0.9	4	J
10	386	0.0	0	H								
11	373	0.0	0	H								
12	365	0.0	0	H								
13	355	0.0	0	H								
14	339	0.0	0	H								
15	343	4.0	38	J	6.2	15	170	-5.8	1.6	1.0	1	J
16	344	4.0	37	J	6.1	16	167	-5.7	1.9	1.0	0	J
17	346	0.0	0	H								
18	328	0.0	0	H								
19	343	0.0	0	H								
20	354	4.8	24	J	6.2	-3	118	-2.9	5.3	-1.5	1	J
21	354	4.7	30	J	6.0	5	122	-3.1	5.0	-0.4	1	J
22	339	5.0	32	J	5.7	18	154	-4.7	2.5	1.3	1	J
23	342	6.0	30	J	5.7	2	136	-4.0	3.8	-0.4	1	J
24	341	6.3	34	J	5.5	9	122	-2.8	4.6	2.1	1	J
					OCT. 24, 1977							297
1	339	6.5	22	J	5.2	-1	128	-3.1	3.9	-0.8	1	J
2	341	6.4	31	J	4.5	-20	131	-2.8	2.8	-2.2	1	J
3	329	6.3	25	J	4.2	0	155	-3.6	1.6	-3.4	1	J
4	325	6.2	27	J	4.3	15	164	-3.9	1.4	0.7	1	J
5	331	6.0	28	J	4.3	-17	159	-3.7	0.9	-1.6	1	J
6	339	7.6	30	J	4.3	3	113	-1.0	2.2	-0.8	4	J
7	336	6.8	18	J	4.7	5	117	-2.1	3.8	-1.5	1	J
8	330	6.2	15	J	4.9	3	121	-2.5	3.7	-1.8	1	J
9	329	6.2	29	J	4.6	12	142	-3.4	2.7	-0.6	1	J
10	348	5.1	40	J	4.0	10	141	-2.7	2.2	-0.6	2	J
11	354	6.1	42	J	3.2	-28	101	-0.5	1.5	-2.7	1	J
12	357	5.8	38	J	2.6	-17	79	0.4	1.4	-1.6	2	J
13	361	6.6	39	J	2.1	-14	57	1.0	1.0	-1.1	1	J
14	341	5.8	22	J								
15	335	5.6	21	J	4.0	-8	138	-1.2	3.1	-2.1	1	J
16	339	6.5	19	J	3.8	2	100	-0.6	3.4	-1.3	1	J
17	343	7.9	22	J	3.7	-20	69	1.2	2.5	-2.2	1	J
18	338	7.4	22	J								
19	337	5.8	27	J	2.9	-15	87	0.1	1.6	-0.9	2	J
20	354	0.0	0	H	3.7	32	135	-2.0	2.4	1.3	2	J
21	351	0.0	0	H	4.0	18	134	-2.6	2.9	0.7	1	J
22	341	5.9	33	J	4.0	4	110	-1.3	3.7	-0.3	1	J
23	351	7.4	20	J	3.7	-18	79	0.6	2.9	-1.5	2	J
24	341	11.7	22	J	2.6	-14	64	0.8	1.6	-0.7	2	J
					OCT. 25, 1977							298
1	344	13.7	20	J	2.3	-74	354	0.6	-0.4	-2.0	1	J
2	347	16.5	18	J	2.6	8	298	1.1	-2.0	0.8	1	J
3	349	18.2	16	J	1.9	19	268	-0.0	-1.3	3.8	1	J
4	350	18.3	15	J	2.2	-20	270	0.0	-2.2	-0.1	0	J
5	349	16.9	15	J	3.7	-8	266	-0.2	-3.5	0.8	1	J
6	346	17.6	17	J	4.0	-7	274	0.3	-3.6	1.1	1	J
7	338	17.1	14	J	4.7	-12	283	1.0	-4.4	1.1	1	J
8	336	17.6	12	J	4.2	-7	272	0.1	-3.6	1.5	2	J
9	331	16.6	12	J	4.1	11	277	0.5	-3.0	2.7	0	J
10	325	15.8	15	J	3.7	27	273	0.2	-1.8	3.0	1	J
11	320	13.5	15	J	4.2	26	288	1.1	-2.0	3.4	1	J
12	317	13.8	14	J	4.3	24	280	0.7	-2.3	3.3	1	J
13	306	13.1	13	J	4.4	20	294	1.6	-2.4	3.0	1	J
14	310	12.2	17	J	4.9	52	321	2.2	0.1	3.9	2	J
15	312	15.0	17	J	4.9	32	281	0.7	-2.3	3.7	2	J
16	312	15.1	16	J	4.6	0	269	-0.1	-4.1	1.7	1	J
17	319	16.3	21	J	4.5	-39	251	-1.1	-3.9	-1.5	2	J
18	316	19.3	17	J	4.7	-36	250	-0.9	-2.9	-1.1	3	J
19	314	18.8	26	J	6.0	-33	224	-2.9	-3.4	-1.9	4	J
20	322	14.1	16	J	6.9	-36	200	-5.1	-2.6	-3.5	2	J
21												
22	329	0.0	0	H								
23	331	0.0	0	H								
24												
					OCT. 26, 1977							299
1												
2	339	0.0	0	H								
3	333	0.0	0	H								
4	335	0.0	0	H								
5	332	0.0	0	H								
6												
7												
8												
9												
10	329	0.0	0	H								
11	330	0.0	0	H								
12	326	0.0	0	H								
13												
14												
15												
16	316	0.0	0	H								
17	316	0.0	0	H								
18	315	0.0	0	H								
19	323	0.0	0	H								
20	320	0.0	0	H								
21												
22												
23												
24	357	0.0	0	H								
					OCT. 27, 1977							300
1	364	0.0	0	H								
2	360	0.0	0	H								
3	372	0.0	0	H								
4	359	0.0	0	H								
5	348	0.0	0	H								
6	348	0.0	0	H								
7	344	0.0	0	H								
8	349	0.0	0	H								
9	365	0.0	0	H								
10												
11												
12												
13												
14												
15	356	0.0	0	H								
16	350	0.0	0	H								
17	371	0.0	0	H								
18	383	0.0	0	H								
19												
20												
21	355	0.0	0	H								
22	388	0.0	0	H								
23	341	0.0	0	H								
24	331	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 28, 1977							301
1	340	0.0	0	H								
2	351	0.0	0	H								
3	368	0.0	0	H								
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. 29, 1977							302
1					6.9	2	8	6.7	1.0	-0.1	1	J
2					6.8	-3	346	6.3	-1.6	0.3	1	J
3	457	7.4	96	J	6.9	-4	324	5.0	-3.5	1.2	2	J
4	454	7.7	145	J	6.9	5	321	4.5	-3.0	2.2	3	J
5	449	8.1	104	J	6.9	5	321	4.5	-3.0	2.2	3	J
6	451	8.2	99	J	6.1	-13	321	4.2	-3.4	0.9	2	J
7	422	7.9	133	J	5.2	-10	311	3.0	-3.4	1.1	2	J
8	427	9.1	97	J	3.9	-9	284	0.6	-2.4	1.0	3	J
9	414	12.7	101	J	5.2	-75	263	-0.1	-2.6	-2.5	4	J
10	417	15.6	87	J	8.6	-57	283	0.8	-5.9	-3.2	5	J
11	416	16.0	83	J	8.4	-47	35	2.3	0.1	-3.5	7	J
12	441	11.5	120	J	7.9	38	356	5.3	1.6	3.8	4	J
13	467	9.9	125	J	6.5	-7	205	2.6	-5.6	0.9	5	J
14	465	8.7	113	J	5.7	2	316	3.4	-3.0	1.2	3	J
15	482	7.7	104	J	6.8	10	344	5.9	-1.2	2.1	2	J
16	494	6.7	72	J	8.3	14	350	7.6	-0.9	2.2	1	J
17	490	6.3	59	J	8.5	14	349	8.1	-1.2	2.3	1	J
18	489	6.3	71	J	7.9	13	331	6.4	-3.2	2.2	2	J
19	466	8.7	120	J	6.1	9	321	4.1	-3.2	1.3	3	J
20	502	9.2	94	J	5.9	1	250	-1.7	-4.7	0.7	3	J
21	457	7.8	63	J	6.3	10	345	5.8	-1.4	1.3	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
					OCT. 30, 1977							303
1	464	9.6	103	J	6.7	25	318	4.2	-3.3	3.2	2	J
2	467	10.3	95	J								
3	492	12.2	63	J	7.1	11	280	1.1	-5.6	2.5	4	J
4	471	8.3	113	J	9.4	12	322	6.9	-5.0	3.5	2	J
5					8.6	11	318	6.1	-4.6	3.3	2	J
6	435	9.2	81	J	8.2	1	318	5.9	-4.9	2.2	1	J
7	428	8.6	96	J	7.2	0	332	6.1	-2.9	1.4	2	J
8	452	9.2	72	J	7.7	3	327	5.4	-3.0	2.0	4	J
9	498	8.5	113	J	7.1	-7	240	-2.2	-3.3	1.3	6	J
10	519	9.5	144	J	6.3	-21	251	-1.6	-5.0	0.8	3	J
11	525	7.3	168	J	7.0	5	301	2.2	-3.0	2.2	6	J
12	538	8.0	148	J	7.0	17	330	5.5	-1.8	3.3	2	J
13												
14												
15												
16												
17												
18												
19												
20	537	6.7	120	J	5.3	5	325	4.1	-2.7	1.0	2	J
21	533	5.7	158	J	5.6	12	325	4.3	-2.8	1.4	2	J
22	542	4.4	121	J	5.6	1	315	3.8	-3.8	0.6	1	J
23	520	4.2	128	J	4.4	3	333	3.6	-1.8	0.4	2	J
24	525	3.7	91	J	4.4	-5	314	2.8	-2.9	0.0	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					OCT. 31, 1977							304
1	523	3.5	84	J	3.3	-13	297	1.3	-2.7	-0.3	2	J
2	539	3.5	57	J	3.6	-8	336	3.1	-1.4	-0.2	1	J
3	510	3.4	46	J	3.7	-1	354	3.6	-0.4	0.0	1	J
4	524	3.4	44	J	3.7	1	355	3.7	-0.3	0.2	1	J
5	501	3.8	49	J	4.0	-1	3	4.0	0.2	-0.1	1	J
6	488	4.2	73	J	4.2	3	14	4.1	0.9	-0.4	1	J
7	480	4.4	104	J	4.3	-5	337	3.9	-1.6	0.4	1	J
8	472	4.3	106	J	4.3	-6	344	4.0	-1.2	0.2	1	J
9	461	4.1	79	J	4.3	-1	2	4.3	0.1	-0.1	0	J
10	459	4.2	37	J	4.1	-7	355	4.0	-0.5	-0.2	1	J
11	457	4.2	36	J	4.0	-11	359	3.8	-0.4	-0.6	1	J
12	455	4.4	41	J	3.9	3	345	3.7	-0.9	0.5	1	J
13	451	4.2	49	J	3.6	6	340	3.2	-0.8	0.9	1	J
14	448	5.5	52	J	3.8	-1	343	3.5	-1.0	0.4	1	J
15	445	5.5	64	J	3.5	-4	337	3.1	-1.3	0.3	1	J
16	445	4.9	60	J	3.4	3	338	3.0	-1.1	0.6	1	J
17	432	7.0	56	J	3.1	-7	358	2.9	-0.2	-0.3	1	J
18	429	7.5	56	J	3.1	7	1	3.0	0.1	0.3	1	J
19	428	7.9	71	J	3.3	3	354	3.3	-0.3	0.2	1	J
20	427	8.4	91	J	3.6	19	355	3.3	-0.1	1.2	1	J
21	412	7.2	60	J	3.6	17	344	3.2	-0.6	1.1	1	J
22	412	9.7	30	J	3.6	10	328	2.3	-1.3	0.6	2	J
23	412	6.1	31	J	5.6	14	358	5.3	-0.0	1.3	1	J
24	411	6.5	39	J	5.3	20	343	4.1	-1.1	1.7	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					NOV. 1, 1977							305
1	435	6.5	34	J	5.4	12	3	5.1	0.1	0.9	2	J
2	404	5.7	34	J	5.5	9	6	5.4	0.7	0.7	1	J
3	431	5.8	38	J	5.6	4	354	5.5	-0.5	0.5	1	J
4	396	5.7	42	J	4.8	11	332	4.1	-1.8	1.5	1	J
5	394	6.4	38	J	5.2	16	328	4.2	-2.0	2.2	1	J
6	388	7.0	45	J	4.9	17	318	3.3	-2.2	2.4	2	J
7	399	9.7	45	J	4.2	-41	210	-1.8	-1.7	-1.2	3	J
8					4.0	-10	288	1.1	-3.2	1.0	2	J
9	397	11.5	51	J	5.1	27	324	3.2	-1.0	2.9	3	J
10	398	10.2	48	J	5.2	18	298	2.1	-2.6	3.2	2	J
11	399	9.7	47	J	4.5	-3	286	0.9	-2.6	1.4	3	J
12					5.2	-6	254	-1.4	-4.4	1.9	2	J
13												
14												
15												
16												
17					6.7	27	45	3.4	4.0	1.3	4	J
18												
19					5.2	38	58	0.7	1.3	0.8	5	J
20												
21												
22	415	6.7	34	J	3.9	-16	336	3.2	-1.6	-0.8	1	J
23	411	5.9	35	J	4.1	-5	349	3.9	-0.8	-0.3	1	J
24	421	6.1	38	J	3.5	-18	337	1.5	-0.7	-0.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					NOV. 2, 1977							306
1	427	7.0	52	J	3.3	-23	222	-2.1	-2.1	-0.9	1	J
2	423	8.8	50	J	3.5	-15	249	-1.0	-2.7	-0.3	2	J
3	431	8.3	83	J	5.7	23	349	4.9	-0.5	2.3	2	J
4	445	8.1	109	J	6.4	16	16	5.8	2.1	1.2	1	J
5	437	8.5	151	J	6.2	10	11	6.0	1.5	0.6	1	J
6	432	8.3	191	J	6.1	4	8	6.0	0.9	0.1	1	J
7	435	7.3	96	J	5.7	-6	341	5.4	-1.9	0.2	0	J
8	427	7.6	120	J	5.3	-12	350	3.9	-1.0	-0.4	3	J
9	423	7.0	124	J	4.6	-7	345	4.4	-1.3	0.1	1	J
10	415	6.8	47	J	4.6	10	324	3.5	-1.6	1.4	1	J
11	409	8.9	54	J	5.2	-16	304	2.7	-4.1	0.8	1	J
12	410	9.7	46	J	4.1	-30	267	-0.1	-3.2	-0.0	3	J
13	395	9.0	52	J	3.8	-6	310	2.1	-2.4	0.9	2	J
14	392	7.9	46	J	3.6	-18	295	1.2	-2.6	0.3	2	J
15												
16					2.9	-16	327	1.8	-1.3	-0.2	2	J
17					2.8	-29	310	1.6	-2.2	-0.7	1	J
18					5.3	-29	219	-3.5	-3.4	-1.7	1	J
19												
20												
21												
22	393	7.8	53	J								
23	398	6.7	38	J	5.1	24	347	4.3	-0.8	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
					NOV., 3, 1977							307
1	432	5.7	62	J	3.7	21	341	2.4	-0.7	1.1	3	J
2	436	5.4	78	J	3.8	6	345	3.5	-0.8	0.5	1	J
3	442	4.3	64	J	3.5	3	4	3.5	0.3	0.1	0	J
4	445	5.1	73	J	3.1	0	2	2.9	0.1	-0.0	1	J
5	435	5.8	60	J	2.3	-31	327	0.8	-0.7	-0.4	2	J
6	428	6.0	53	J	3.0	-15	246	-1.2	-2.7	0.3	1	J
7	375	0.0	0	H								
8	372	0.0	0	H								
9	396	0.0	0	H								
10	396	0.0	0	H								
11	406	0.0	0	H								
12	392	0.0	0	H								
13	404	6.5	44	J	4.3	-7	310	2.7	-3.1	1.1	1	J
14	395	6.8	63	J	4.2	-4	315	2.8	-2.7	1.0	2	J
15	382	0.0	0	H	4.3	1	307	2.5	-3.0	1.4	1	J
16	380	0.0	0	H	3.7	7	280	0.6	-3.1	1.7	1	J
17	372	0.0	0	H	4.2	-12	271	0.1	-3.8	0.4	2	J
18					3.9	-13	270	0.0	-3.6	0.1	2	J
19	367	8.0	23	J	3.6	-7	281	0.7	-3.4	0.3	1	J
20												
21	338	0.0	0	H	3.9	49	22	2.3	1.3	2.7	1	J
22	362	0.0	0	H	3.7	28	11	3.0	0.8	1.6	1	J
23	368	5.2	29	J	3.6	22	8	3.2	0.6	1.3	1	J
24	369	4.4	33	J	3.2	8	359	3.1	-0.0	0.4	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					NOV. 4, 1977							308
1	382	0.0	0	H								
2	379	0.0	0	H								
3	358	6.2	33	J	2.2	10	320	1.7	-1.3	0.7	0	J
4	363	6.1	23	J	2.5	-27	310	1.3	-1.7	-0.6	1	J
5	357	6.2	26	J	2.9	3	340	2.7	-0.9	0.5	0	J
6	360	5.5	21	J	3.0	8	343	2.8	-0.7	0.7	0	J
7	339	0.0	0	H								
8	341	0.0	0	H								
9	343	0.0	0	H								
10					2.8	14	17	2.3	0.9	0.2	1	J
11	358	10.8	37	J	2.9	27	20	2.3	1.4	0.7	1	J
12	356	15.4	38	J	3.1	1	35	1.9	1.2	-0.6	2	J
13	366	14.2	29	J	4.0	-59	72	0.6	0.1	-3.5	2	J
14	358	0.0	0	H	4.8	-31	301	1.7	-3.5	-0.6	3	J
15	364	16.0	26	J	5.6	-14	305	2.5	-3.7	0.4	4	J
16	368	10.3	18	J	7.1	-45	127	-2.8	1.9	-5.7	3	J
17	372	8.1	22	J	7.6	-21	116	-3.0	5.1	-4.4	2	J
18	374	9.6	21	J	7.7	-51	132	-3.0	1.9	-6.3	3	J
19	373	10.3	18	J	8.0	-23	121	-3.7	5.5	-4.3	1	J
20	376	9.2	22	J	7.6	-21	118	-3.3	5.7	-3.7	1	J
21	375	7.7	22	J	7.6	-15	113	-2.8	6.3	-2.8	2	J
22	372	7.2	20	J	7.7	6	102	-1.6	7.4	-0.0	1	J
23	371	6.8	20	J	7.7	3	105	-1.9	7.2	-0.4	2	J
24	375	8.4	24	J	7.8	-10	118	-2.7	4.9	-1.5	5	J

11/05/77 - 11/12/77

NOV. 5, 1977 — 309

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	368	11.8	16	J	7.9	-29	146	-5.6	3.3	-4.2	2	J
2	368	11.5	17	J	8.2	-32	146	-5.7	3.1	-4.9	1	J
3	372	13.9	17	J	8.1	-24	122	-3.8	5.3	-4.4	2	J
4	368	13.4	14	J	8.2	-15	119	-3.8	6.1	-3.8	1	J
5	363	11.6	12	J	8.1	-4	128	-5.0	5.9	-2.5	1	J
6	361	9.9	11	J	7.7	11	126	-4.4	6.2	-0.9	0	J
7	361	9.7	12	J	7.7	10	126	-4.5	6.1	-1.3	0	J
8					7.8	10	125	-4.4	6.2	-1.6	1	J
9	352	6.8	15	J	7.7	8	129	-4.8	5.7	-1.9	1	J
10	334	0.0	0	H								
11	345	6.5	21	J	7.2	10	162	-4.5	1.7	0.0	5	J
12	342	8.0	23	J	7.0	8	134	-4.1	4.1	-1.3	4	J
13	330	7.6	13	J	7.0	17	148	-5.6	4.0	0.2	2	J
14	345	8.0	15	J	7.0	14	136	-4.8	4.9	-0.5	1	J
15	347	0.0	0	H	6.8	4	117	-3.0	5.6	-1.9	2	J
16	345	8.0	19	J	6.7	2	97	-0.8	6.3	-2.1	1	J
17	333	8.5	14	J	6.8	34	124	-2.8	5.0	2.0	3	J
18	336	8.6	16	J	6.4	31	118	-2.1	4.4	1.6	4	J
19	330	8.6	12	J	6.0	-5	107	-1.7	5.4	-1.6	1	J
20	325	8.1	14	J	6.2	2	121	-3.1	5.1	-0.6	1	J
21	334	8.9	13	J	6.1	16	99	-0.9	5.9	0.9	1	J
22	336	10.0	13	J	6.1	1	91	0.0	5.9	-0.5	1	J
23	332	9.1	17	J	6.0	-10	101	-1.0	5.1	-1.4	3	J
24	335	8.9	16	J	6.5	4	86	0.4	6.3	-0.2	1	J

NOV. 6, 1977 — 310

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	334	9.1	13	J	6.9	13	90	0.0	6.6	0.7	2	J
2	336	9.2	16	J	6.7	-7	81	0.9	5.5	-1.6	3	J
3	327	9.6	14	J	6.8	15	101	-1.2	6.2	0.4	2	J
4	329	9.7	12	J	7.1	19	97	-0.8	6.6	0.5	2	J
5	332	10.8	12	J	6.8	31	86	0.4	6.5	1.5	1	J
6	329	10.3	17	J	6.5	17	93	-0.3	5.9	-0.4	3	J
7	326	10.6	20	J	6.6	-3	96	-0.6	5.4	-2.8	2	J
8	332	10.9	14	J	7.1	24	79	1.1	6.2	-0.2	3	J
9	322	10.8	17	J	7.5	36	97	-0.7	6.8	1.0	3	J
10	326	11.5	19	J	6.9	-18	90	0.0	4.1	-4.4	3	J
11	327	10.5	19	J	6.8	-13	68	1.9	3.6	-3.4	4	J
12	327	10.2	15	J	7.6	11	68	2.7	6.6	-2.0	2	J
13	319	10.2	15	J	7.4	3	79	1.3	6.3	-2.8	2	J
14	311	10.2	14	J	7.5	7	82	1.0	7.1	-2.3	1	J
15	309	10.3	17	J	7.5	5	82	1.0	7.1	-2.3	1	J
16	304	9.5	14	J	7.5	11	82	1.0	7.2	-1.1	1	J
17	306	7.9	12	J	7.5	16	73	2.0	6.7	-0.0	2	J
18	310	8.3	14	J	7.5	12	63	3.2	6.5	0.1	2	J
19	304	9.2	12	J	7.3	12	76	1.7	6.9	0.1	1	J
20	304	8.8	12	J	7.1	4	80	1.2	6.7	-0.6	2	J
21	302	9.5	13	J	7.0	11	81	1.0	6.6	0.5	2	J
22	301	8.8	15	J								
23	305	0.0	0	H								
24	308	0.0	0	H								

NOV. 7, 1977 — 311

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	313	0.0	0	H
2	313	0.0	0	H
3	311	0.0	0	H
4	312	0.0	0	H
5				
6				
7				
8				
9				
10	336	0.0	0	H
11	304	0.0	0	H
12	307	0.0	0	H
13	305	0.0	0	H
14	304	0.0	0	H
15	303	0.0	0	H
16	302	0.0	0	H
17	303	0.0	0	H
18	303	0.0	0	H
19	301	0.0	0	H
20	304	0.0	0	H
21	304	0.0	0	H
22	301	0.0	0	H
23	301	0.0	0	H
24	298	0.0	0	H

NOV. 8, 1977 — 312

HR	VEL	DEN	TEMP/ 1000	PLS SC
1	300	0.0	0	H
2	300	0.0	0	H
3	302	0.0	0	H
4	301	0.0	0	H
5	300	0.0	0	H
6	299	0.0	0	H
7	297	0.0	0	H
8				
9	298	0.0	0	H
10	296	0.0	0	H
11	299	0.0	0	H
12				
13				
14				
15				
16				
17	294	0.0	0	H
18	294	0.0	0	H
19	292	0.0	0	H
20	282	0.0	0	H
21	275	0.0	0	H
22	275	0.0	0	H
23	275	0.0	0	H
24				

NOV. 9, 1977 — 313

HR	VEL	DEN	TEMP/ 1000	PLS SC
1				
2	278	0.0	0	H
3	274	0.0	0	H
4	274	0.0	0	H
5				
6	274	0.0	0	H
7	275	0.0	0	H
8	273	0.0	0	H
9	272	0.0	0	H
10	272	0.0	0	H
11	271	0.0	0	H
12	272	0.0	0	H
13	271	0.0	0	H
14	269	0.0	0	H
15	270	0.0	0	H
16	270	0.0	0	H
17				
18	268	0.0	0	H
19	268	0.0	0	H
20				
21				
22				
23				
24				

NOV. 10, 1977 — 314

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					5.5	0	124	-2.5	3.3	-1.8	3	J
12					5.9	20	137	-3.6	3.8	0.0	2	J
13												
14					8.1	-22	121	-3.2	3.8	-4.4	5	J
15					12.4	-10	115	-5.0	9.2	-5.9	4	J
16					18.9	33	105	-3.8	16.7	4.5	7	J
17					18.7	76	330	3.3	2.3	15.3	10	J
18					18.5	23	291	5.9	-13.4	10.2	5	J
19					18.2	29	306	8.7	-10.3	10.2	7	J
20					11.1	-5	274	0.5	-7.5	0.3	9	J
21					13.2	50	323	6.0	-3.6	9.4	6	J
22					12.1	-6	245	-3.9	-8.3	-0.3	8	J
23					8.6	-13	340	0.9	-3.3	-0.2	9	J
24					9.7	44	4	5.7	0.8	5.5	6	J

NOV. 11, 1977 — 315

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1					11.1	35	337	8.2	-2.9	6.6	2	J
2					8.3	17	322	5.9	-4.3	2.9	3	J
3					10.4	24	321	7.2	-5.0	5.0	3	J
4					9.8	28	317	6.2	-4.6	5.7	2	J
5					8.5	29	331	6.1	-2.2	4.7	3	J
6					9.7	12	289	2.9	-7.2	4.6	3	J
7					10.0	9	293	3.4	-6.9	4.4	5	J
8	380	11.3	116	J	12.8	31	323	8.4	-3.0	8.4	3	J
9	380	12.3	105	J	12.5	16	314	7.7	-5.7	6.4	5	J
10	362	12.2	101	J	12.5	-3	326	10.1	-6.3	2.6	3	J
11	388	12.5	89	J	12.0	19	299	4.9	-6.2	7.2	5	J
12	377	14.3	100	J	12.0	-6	316	8.2	-7.6	2.5	4	J
13	390	14.0	111	J	11.4	-18	315	6.8	-7.5	0.1	5	J
14	380	16.8	100	J	10.2	0	293	3.5	-7.6	3.3	5	J
15	396	12.9	61	J	9.1	31	245	-3.1	-4.6	6.5	3	J
16	395	12.2	66	J	7.5	11	275	0.5	-5.4	3.0	4	J
17	402	11.9	54	J	7.4	36	244	-2.5	-3.8	5.3	2	J
18	390	13.0	62	J	7.4	23	288	1.8	-4.9	3.7	4	J
19	374	10.8	54	J	6.6	12	322	4.5	-3.2	1.8	3	J
20	392	10.9	49	J	7.8	24	281	1.3	-6.2	3.8	2	J
21	397	11.3	50	J	7.7	20	276	0.7	-6.7	3.2	2	J
22	395	12.4	57	J	8.5	15	281	1.5	-7.3	2.6	3	J
23	398	12.5	62	J	9.6	24	280	1.3	-7.4	4.0	4	J
24	390	12.8	59	J	9.5	30	297	2.9	-5.5	4.1	6	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	390	13.3	54	J	10.4	-4	287	2.4	-7.8	3.1	6	J
2	395	11.6	48	J	8.6	-42	289	2.0	-6.5	-4.8	2	J
3	397	10.6	50	J	8.2	-66	289	1.0	-4.1	-6.4	3	J
4					8.1	-76	42	1.3	-0.4	-7.1	4	J
5					8.4	-28	129	-4.0	3.8	-4.6	4	J
6												
7												
8	431	21.4	79	J	5.8	43	126	-2.5	4.6	2.3	2	J
9	431	15.0	119	J	5.0	-17	95	-0.3	2.8	-2.5	3	J
10	423	12.7	147	J	5.6	9	310	1.8	-1.8	1.4	5	J
11	426	12.9	76	J	7.3	46	86	0.2	3.7	1.2	6	J
12	429	14.1	84	J	5.0	33	112	-1.3	4.0	0.5	3	J
13	405	9.5	63	J	6.4	-11	149	-5.1	2.2	-2.4	2	J
14	406	8.8	67	J	5.8	-5	149	-4.5	2.3	-1.6	2	J
15	431	8.8	61	J	5.9	7	90	0.0	5.1	-1.5	3	J
16	415	8.9	42	J	5.4	-26	132	-2.8	2.2	-3.0	3	J
17	406	9.2	55	J	5.4	4	125	-2.7	3.8	-0.9	3	J
18	394	8.2	51	J	6.1	-3	136	-4.3	3.9	-1.4	1	J
19	393	8.9	52	J	6.5	-16	124	-3.2	4.3	-2.6	2	J
20	395	10.2	51	J	6.2	-9	120	-2.9	4.7	-1.7	2	J
21	374	9.4	32	J	6.2	6	176	-6.0	0.5	3.6	2	J
22	373	9.7	38	J	6.7	-15	180	-6.3	-0.2	-1.7	2	J
23	393	9.7	46	J	7.4	-5	129	-4.0	4.9	-0.9	4	J
24	437	11.1	62	J	6.2	-26	45	3.5	3.3	-2.6	3	J
	412	12.8	72	J	5.2	-21	92	-0.1	3.8	-1.8	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 13, 1977							317
1	397	11.5	58	J	6.6	-14	123	-3.3	5.0	-1.9	2	J
2	389	9.6	72	J	7.2	-22	145	-5.2	3.3	-3.0	2	J
3	423	9.7	62	J	6.6	-43	140	-3.1	1.9	-4.1	4	J
4	423	10.1	73	J	6.6	-48	142	-3.1	1.4	-4.8	3	J
5	423	11.6	78	J	7.3	-53	150	-3.4	3.5	-5.5	3	J
6					7.3	-23	152	-4.9	1.7	-3.1	4	J
7	437	12.2	58	J	7.9	-3	146	-6.3	3.8	-2.0	2	J
8	405	9.3	45	J	8.7	4	140	-6.1	4.9	-1.6	3	J
9	424	9.5	65	J	9.3	-14	119	-4.3	6.0	-5.4	2	J
10	427	10.0	79	J	9.2	-11	114	-3.6	6.4	-5.2	2	J
11												
12												
13	448	6.6	54	J	9.8	-3	126	-5.7	6.9	-3.8	1	J
14	454	6.7	57	J	9.4	-5	130	-6.0	6.2	-3.5	1	J
15	457	6.9	56	J	9.1	-12	126	-5.2	6.0	-4.3	2	J
16	470	7.2	80	J	8.8	1	135	-6.1	5.8	-1.7	2	J
17	487	7.3	88	J	8.6	2	133	-5.8	6.1	-1.3	1	J
18	495	7.6	81	J	8.5	-1	128	-5.1	6.4	-1.5	2	J
19	533	7.5	82	J	8.5	1	127	-5.1	6.6	-0.9	1	J
20	503	7.7	91	J	8.8	8	133	-5.5	6.5	0.4	3	J
21	517	9.0	124	J	8.8	43	178	-2.9	3.3	2.7	8	J
22												
23					8.8	-16	138	-6.1	5.3	-2.6	2	J
24	538	11.0	112	J	10.9	-7	128	-6.3	8.0	-1.7	4	J
					NOV. 14, 1977							318
1	538	11.2	115	J	11.7	-12	117	-5.1	9.7	-3.1	2	J
2	497	11.4	123	J	11.9	-3	121	-6.0	9.9	-1.7	2	J
3	482	11.4	113	J	12.8	6	127	-7.1	9.5	-0.2	5	J
4	486	13.1	196	J	11.1	7	142	-5.9	4.7	-0.1	8	J
5	477	12.0	174	J	11.4	10	142	-7.0	5.7	0.1	7	J
6												
7	544	9.2	533	J	9.6	-16	123	-4.6	5.6	-4.8	4	J
8					9.8	12	117	-3.9	7.7	-1.5	5	J
9	577	7.1	611	J	10.3	5	119	-3.7	6.2	-2.3	7	J
10	594	5.6	284	J	9.2	15	134	-4.2	4.6	-0.5	7	J
11	594	5.4	237	J	9.0	-2	141	-5.1	3.6	-2.1	6	J
12	544	6.5	198	J	8.8	12	141	-6.0	5.1	-0.7	4	J
13	534	6.1	184	J	9.6	-2	126	-4.9	6.0	-3.1	5	J
14	523	6.3	164	J	10.4	-19	128	-5.7	5.5	-5.6	4	J
15	535	6.7	228	J	9.9	-19	120	-4.1	5.6	-5.1	5	J
16	550	7.5	243	J	9.1	26	131	-3.7	4.9	1.3	7	J
17	534	6.7	292	J	8.6	-10	133	-5.2	5.1	-2.7	4	J
18	522	6.2	279	J	10.1	-15	132	-6.3	6.3	-3.9	3	J
19	604	5.3	174	J	9.4	-3	139	-6.7	5.7	-1.4	3	J
20	599	5.5	164	J	8.8	-40	149	-4.7	2.3	-4.8	5	J
21					8.6	-23	137	-4.7	4.2	-3.1	5	J
22					9.3	-40	122	-3.0	4.4	-5.1	4	J
					NOV. 15, 1977							319
1	613	4.1	123	J	6.0	-4	160	-5.5	2.0	-0.6	1	J
2	615	4.3	121	J	6.5	22	173	-5.5	0.9	2.2	2	J
3	610	3.9	119	J	6.3	10	172	-5.6	3.9	0.9	3	J
4	615	3.4	118	J	6.0	6	171	-5.4	1.0	0.4	2	J
5	620	3.6	109	J	5.8	12	186	-5.3	-0.2	1.2	2	J
6	617	3.6	100	J	6.0	17	188	-5.5	-0.2	1.9	2	J
7					6.3	19	179	-5.5	0.8	1.7	2	J
8	630	3.5	139	J	5.9	14	192	-5.5	-0.5	1.8	1	J
9					6.1	24	167	-5.4	2.2	1.7	2	J
10	695	2.6	168	J	5.2	-47	97	-0.3	1.0	-3.4	4	J
11	695	2.9	213	J	4.4	-10	157	-3.3	1.0	-1.2	2	.
12	616	2.8	104	J	4.7	7	168	-4.3	1.1	0.1	2	.
13	617	2.9	138	J	4.8	3	148	-3.7	2.2	-0.8	2	J
14					4.1	-30	122	-1.6	1.7	-2.6	2	J
15					4.2	-10	169	-3.7	0.4	-0.9	2	J
16	583	0.0	0	H	4.1	6	149	-3.0	1.8	-0.2	2	J
17					3.8	-4	142	-2.9	2.1	-0.8	1	J
18												
19	592	2.8	155	J	4.4	13	122	-1.5	2.5	0.3	3	J
20	562	3.1	91	J	4.9	46	170	-3.2	0.9	3.3	1	J
21	569	2.7	132	J	4.1	-3	137	-2.6	2.4	-0.4	2	J
22	574	2.9	149	J	4.5	5	119	-1.7	3.1	0.2	3	J
23	562	2.9	127	J	4.2	-4	139	-2.7	2.3	-0.4	2	J
24	600	3.2	151	J	4.0	-61	41	1.4	1.1	-3.4	1	J
					NOV. 16, 1977							320
1	549	3.3	110	J	4.2	-7	137	-2.5	2.3	-0.6	2	J
2	525	3.4	104	J	4.2	-8	171	-3.0	0.4	-0.5	3	J
3	530	0.0	0	H	3.9	2	68	1.3	3.2	-0.3	2	J
4	523	3.8	189	J	4.8	51	170	-2.5	1.0	3.0	3	J
5	533	4.1	148	J	4.6	-6	125	-2.3	3.0	-1.2	2	J
6	519	3.7	92	J	4.6	-44	145	-2.3	0.7	-3.1	2	J
7	515	3.6	97	J	3.9	7	134	-2.1	2.1	-0.4	2	J
8	502	4.0	103	J	4.5	-15	119	-2.0	2.6	-2.4	2	J
9	513	4.1	102	J	4.6	-23	112	-1.5	2.6	-3.1	2	J
10	508	0.0	0	H	4.4	-19	97	-0.4	2.3	-2.3	3	J
11	525	4.8	103	J	4.3	-21	95	-0.3	2.4	-2.6	2	J
12	521	4.7	101	J	4.2	-65	92	-0.1	-0.0	-3.4	2	J
13	515	4.8	100	J	4.6	-45	111	-1.0	1.2	-3.7	2	J
14	497	0.0	0	H	4.6	19	134	-2.8	3.2	0.2	2	J
15	517	0.0	0	H								
16	512	0.0	0	H								
17	483	5.1	116	J	4.0	-18	173	-2.9	2.1	-1.0	3	J
18	478	5.3	129	J	3.8	40	185	-2.1	0.2	1.8	2	J
19	502	4.9	89	J	4.2	-16	75	0.9	3.2	-1.5	2	J
20	486	0.0	0	H	4.4	-17	92	-0.1	2.7	-1.1	3	J
21	476	4.6	107	J	4.3	3	101	-0.4	2.3	-0.0	4	J
22	488	3.8	93	J	4.8	-16	106	-1.2	4.0	-1.4	2	J
23	493	3.9	97	J	4.7	-18	106	-1.1	3.8	-1.4	2	J
24	487	4.2	102	J	4.6	0	119	-1.6	3.3	-0.1	3	J
					NOV. 17, 1977							321
1	492	4.1	103	J	4.4	22	124	-1.9	2.9	1.2	2	J
2	481	3.9	90	J	4.4	28	127	-2.1	2.9	1.6	2	J
3	492	3.8	83	J	4.0	-15	132	-1.7	1.8	-0.9	3	J
4	485	3.1	78	J	3.8	-50	122	-1.1	1.2	-2.7	2	J
5	465	3.2	64	J	4.0	-25	165	-3.1	0.4	-1.6	2	J
6	471	3.3	61	J	4.1	4	137	-2.4	2.2	-0.5	2	J
7	472	3.5	71	J	3.8	-19	205	-2.7	-1.5	-0.5	2	J
8	478	0.0	0	H	4.2	25	190	-3.1	0.1	1.6	2	J
9	473	0.0	0	H	4.2	-3	199	-3.1	-1.0	0.3	3	J
10	467	3.4	62	J	3.9	-42	188	-2.6	-1.4	-2.0	1	J
11	472	0.0	0	H	4.2	5	194	-3.5	-0.6	0.7	2	J
12	470	0.0	0	H	4.3	32	170	-3.3	1.4	1.7	1	J
13	454	3.5	42	J	4.3	40	170	-3.2	1.6	2.2	1	J
14	457	3.6	61	J	4.2	45	191	-2.8	0.6	2.9	1	J
15	451	3.5	51	J	4.0	39	181	-3.0	0.7	2.3	1	J
16	437	3.9	107	J	3.7	22	160	-2.8	1.3	0.9	2	J
17	424	4.2	139	J	4.2	24	173	-3.6	0.8	1.5	1	J
18	453	0.0	0	H	4.6	33	197	-3.4	-0.6	2.5	2	J
19	443	3.9	81	J	4.3	41	185	-2.4	0.1	2.1	3	J
20	426	4.0	88	J	4.1	18	189	-3.7	-0.5	1.3	1	J
21	427	4.4	87	J	4.3	-15	195	-3.0	-0.8	-0.8	3	J
22	460	4.4	63	J	4.4	-39	74	0.9	3.0	-2.7	2	J
23	444	4.4	92	J	3.7	-29	164	-1.3	0.4	-0.8	3	J
24	444	4.5	77	J	4.2	10	101	-0.7	3.6	0.5	2	J
					NOV. 18, 1977							322
1	426	4.3	88	J	4.3	50	177	-2.5	0.3	3.0	2	J
2	438	4.3	68	J	4.3	0	103	-0.8	3.5	-0.3	2	J
3	436	4.1	68	J	3.9	2	107	-0.8	2.7	-0.3	3	J
4	428	4.3	73	J	3.7	-55	210	-1.6	-1.4	-2.5	2	J
5	436	4.2	75	J	3.8	-64	174	-0.7	-0.3	-1.5	3	J
6	430	4.2	78	J	3.8	4	106	-0.9	3.1	-0.7	2	J
7	431	3.9	63	J	3.9	1	99	-0.5	3.3	-1.2	2	J
8	418	3.9	53	J	3.6	-1	119	-1.5	2.5	-1.1	2	J
9	439	4.0	57	J	3.7	-8	69	1.1	2.4	-1.6	2	J
10	428	3.8	54	J	3.9	13	101	-0.5	2.8	-0.6	3	J
11	412	3.7	42	J	3.8	12	124	-1.8	2.7	-0.5	2	J
12	405	3.8	67	J	3.2	44	187	-2.1	0.6	1.9	1	J
13	390	4.3	107	J	3.4	-8	164	-3.1	0.6	-0.8	1	J
14	432	4.1	70	J	3.3	-40	172	-2.4	-0.4	-2.0	1	J
15	401	4.0	48	J	3.4	-14	131	-2.2	2.1	-1.6	1	J
16	398	4.3	50	J	3.5	-34	127	-1.7	1.6	-2.5	1	J
17	381	4.9	46	J	3.2	-25	120	-1.5	2.1	-1.9	1	J
18	388	5.4	37	J	3.9	-10	80	0.6	3.0	-1.1	2	J
19	395	5.9	40	J	4.4	-29	64	1.5	2.9	-2.3	2	J
20	392	6.3	38	J	4.5	-9	89	0.1	4.0	-1.0	2	J
21	389	6.5	39	J	4.9	-21	67	1.6	3.7	-1.8	2	J
22	386	6.0	54	J	4.3	13	103	-0.7	3.0	0.6	3	J
23	374	6.0	45	J	4.3	12	150	-3.0	1.8	0.7	2	J
24	399	0.0	0	H								
					NOV. 19, 1977							323
1	395	0.0	0	H								
2	409	0.0	0	H								
3	412	0.0	0	H								
4	399	0.0	0	H								
5	403	0.0	0	H								
6	395	0.0	0	H								
7	401	0.0	0	H								
8	406	0.0	0	H								
9	378	0.0	0	H								
10	380	0.0	0	H								
11	391	0.0	0	H								
12	380	0.0	0	H								
13	383	0.0	0	H								
14	378	0.0	0	H								
15	370	0.0	0	H								
16	380	0.0	0	H								
17	375	0.0	0	H								
18	376	0.0	0	H								
19	370	0.0	0	H								
20	371	0.0	0	H								
21	366	0.0	0	H								
22	366	0.0	0	H								
23												
24												
					NOV. 20, 1977							324
	353	0.0	0	H								
	342	0.0	0	H								
	335	0.0	0	H								
	341	0.0	0	H								
	337	0.0	0	H								
	336	0.0	0	H								
	367	0.0	0	H								
	369	0.0	0	H								
	346	0.0	0	H								
	341	0.0	0	H								
	347	0.0	0	H								
	334	0.0	0	H								
	332	0.0	0	H								
	341	0.0	0	H								
	336	0.0	0	H								
	347	0.0	0	H								
	340	0.0	0	H								
	366	0.0	0	H								
	359	0.0	0	H								
	368	0.0	0	H								
	365	0.0	0	H								
	341	0.0	0	H								

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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												325
2	346	0.0	0	H								
3	343	0.0	0	H								
4	343	0.0	0	H								
5	344	0.0	0	H								
6	341	0.0	0	H								
7	336	0.0	0	H								
8	352	0.0	0	H								
9	336	0.0	0	H								
10	334	0.0	0	H								
11	334	0.0	0	H								
12	334	0.0	0	H								
13	332	0.0	0	H								
14	332	0.0	0	H								
15	332	0.0	0	H								
16	332	0.0	0	H								
17	331	0.0	0	H								
18	329	0.0	0	H								
19	327	0.0	0	H								
20												
21	321	0.0	0	H								
22	323	0.0	0	H								
23												
24												

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HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												326
	323	0.0	0	H								
	328	0.0	0	H								
	327	0.0	0	H								
	326	0.0	0	H								
	317	0.0	0	H								
	320	0.0	0	H								
	330	0.0	0	H								
	332	0.0	0	H								
	321	0.0	0	H								
	319	0.0	0	H								
	315	0.0	0	H								
	318	13.0	36	J	3.9	38	359	2.8	-0.1	2.2	2	J
	317	14.0	36	J	4.3	24	329	3.0	-1.8	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	SG	IMF SC
												327
1	312	13.9	38	J	4.1	12	336	3.1	-1.4	0.8	2	J
2	315	14.3	32	J	4.7	10	296	1.8	-3.6	0.9	2	J
3	309	13.6	29	J	4.9	14	306	2.5	-3.3	1.4	2	J
4	311	13.3	26	J	4.8	27	292	1.4	-3.1	2.4	2	J
5	313	12.8	37	J	4.9	26	341	3.6	-0.8	2.1	3	J
6	311	10.8	33	J	4.7	13	336	3.8	-1.5	1.4	2	J
7	308	13.0	24	J	4.6	54	315	1.9	-0.6	4.0	1	J
8	308	13.0	24	J	4.9	46	312	2.1	-1.0	3.9	1	J
9	305	13.5	20	J	4.4	31	303	1.9	-1.8	3.0	2	J
10	302	14.3	16	J	3.0	3	293	1.0	-2.1	1.1	1	J
11	299	16.2	15	J	2.7	16	322	1.8	-1.0	1.2	1	J
12	299	16.3	12	J	2.8	-20	299	1.2	-2.3	0.0	1	J
13	298	15.6	12	J	3.2	-15	302	1.2	-2.1	0.2	2	J
14	300	18.0	10	J	3.7	62	323	1.2	0.1	2.9	2	J
15	301	14.3	14	J	4.7	8	267	-0.2	-4.0	1.9	2	J
16	306	15.1	16	J	6.1	25	255	-1.4	-4.4	3.7	2	J
17	302	14.3	14	J	5.6	64	267	-0.1	-1.4	5.3	1	J
18	301	16.1	13	J	4.4	68	267	-0.1	-1.0	4.0	2	J
19	298	14.4	17	J	4.2	48	298	1.3	-2.1	3.3	1	J
20	294	13.3	17	J	4.4	44	303	1.6	-2.4	3.1	1	J
21	294	14.5	17	J	3.9	47	304	1.5	-2.1	2.9	1	J
22	296	14.7	16	J	3.9	51	299	1.2	-2.1	3.0	1	J
23	288	17.9	16	J	2.5	-39	346	1.4	-0.3	-1.1	2	J
24	290	18.8	14	J	2.6	-39	73	0.4	1.3	-1.1	2	J

NOV. 24, 1977

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												328
	283	18.0	14	J	2.9	17	316	1.8	-1.7	0.8	1	J
	284	18.4	14	J	2.7	43	300	0.8	-1.3	1.9	1	J
	284	15.2	21	J	2.8	7	14	2.5	0.7	0.3	1	J
	284	13.0	22	J	3.4	13	342	3.0	-0.8	0.9	1	J
	285	13.0	21	J	4.1	16	348	3.7	-0.5	1.2	1	J
	283	13.4	22	J	4.1	1	357	4.0	-0.2	0.1	1	J
	286	12.0	20	J	4.1	-3	332	3.5	-1.8	0.4	1	J
	287	13.8	19	J	4.1	-23	317	2.7	-2.9	-0.6	1	J
	287	13.1	23	J	4.3	-31	349	3.4	-1.4	-1.7	1	J
	285	13.0	21	J	4.0	-44	4	2.8	-0.9	-2.6	1	J
	292	16.3	14	J	3.5	19	301	1.5	-1.8	1.9	2	J
	295	15.8	11	J	3.5	37	285	0.6	-1.5	2.7	2	J
	297	13.3	13	J	4.5	-11	275	0.4	-4.4	0.8	1	J
	294	13.7	14	J	4.5	-1	284	1.1	-4.0	1.4	1	J
	292	14.5	15	J	4.3	0	278	0.6	-3.9	1.2	1	J
	295	12.1	15	J	4.9	-14	260	-0.8	-4.4	-0.0	2	J
	298	10.4	15	J	5.2	-3	272	0.1	-2.8	0.4	4	J
	295	8.9	15	J	5.1	44	357	3.7	0.3	3.5	0	J
	292	8.8	17	J	4.8	41	350	3.5	-0.3	3.1	1	J
	288	8.2	20	J	4.8	36	342	3.6	-1.0	2.8	0	J
	287	8.4	24	J	4.7	32	342	3.7	-1.2	2.5	1	J
	291	8.2	22	J	4.4	34	341	3.3	-1.1	2.3	1	J
	296	9.9	16	J	3.8	34	279	0.4	-2.6	1.7	2	J
	296	10.3	20	J	3.4	31	348	2.6	-0.6	1.6	1	J

NOV. 25, 1977

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												329
1	294	10.4	20	J	3.4	20	306	1.3	-1.7	0.3	2	J
2	296	10.2	17	J	4.0	-5	270	0.0	-4.0	-0.2	1	J
3	293	10.8	20	J	3.8	-5	273	0.2	-3.7	-0.0	1	J
4	298	11.3	18	J	3.8	15	276	0.4	-3.2	1.4	2	J
5	293	11.5	20	J	3.6	-2	295	1.3	-2.7	0.4	2	J
6	294	12.0	17	J	4.0	25	291	1.0	-2.2	1.9	3	J
7	293	11.2	18	J	4.9	13	284	1.1	-3.8	2.3	2	J
8	293	11.3	18	J	4.1	-42	299	1.3	-3.1	-1.5	2	J
9	291	11.0	17	J	3.6	-69	280	0.2	-1.9	-2.0	2	J
10	290	10.7	18	J	2.9	-2	303	1.4	-2.0	0.8	1	J
11	284	11.0	16	J	3.1	25	315	1.8	-1.2	1.8	1	J
12	281	11.2	16	J	2.6	-17	335	2.2	-1.2	-0.3	1	J
13	320	35.8	49	J	5.7	-30	343	4.4	-2.2	-2.0	2	J
14	344	55.7	67	J	8.5	-10	282	1.2	-5.6	0.9	6	J
15	354	75.2	47	J	7.5	45	175	-3.7	1.4	3.4	6	J
16					3.1	48	73	0.5	2.0	1.4	2	J
17	341	74.0	54	J	5.2	20	50	1.8	2.2	0.6	4	J
18	349	52.1	56	J	12.4	-15	52	3.7	4.5	-2.2	11	J
19	351	29.4	55	J	16.4	-61	313	5.4	-7.0	-13.7	1	J
20												
21												
22												
23												
24												

NOV. 26, 1977

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												330
	347	16.7	31	J	17.6	1	70	6.0	16.5	0.3	1	J
	336	14.9	21	J	17.8	15	77	3.8	16.7	4.0	3	J
	331	16.0	25	J	17.3	23	83	1.9	16.3	5.5	1	J
	329	18.1	32	J	16.0	31	86	1.0	14.6	6.3	2	J
					14.4	29	86	0.4	13.2	4.3	4	J
					14.5	35	99	-1.8	13.3	5.0	2	J
					13.6	32	92	-0.4	13.2	3.4	1	J
					12.7	29	93	-0.6	12.4	1.9	1	J
					12.3	24	98	-1.6	12.1	0.5	1	J
					11.3	16	128	-5.7	7.8	-0.4	6	J
	295	9.0	44	J	10.4	4	96	-1.1	9.8	-3.4	1	J
	301	9.0	47	J	10.2	5	89	0.2	9.6	-3.0	1	J
	303	19.2	49	J	5.9	7	89	0.1	5.0	-1.2	4	J
	302	21.7	38	J	4.7	54	76	0.5	2.6	1.9	4	J
	307	18.0	40	J	5.6	21	82	0.6	4.9	0.4	3	J
	305	7.0	30	J	6.7	7	88	0.3	8.5	-1.0	1	J
					16.9	56	52	5.8	8.5	13.3	2	J
					16.8	51	74	2.8	10.4	12.4	3	J
	383	32.2	44	J	18.9	45	80	2.3	13.2	13.3	2	J
	381	32.4	47	J								
	383	48.3	65	J	14.7	40	93	-0.5	10.0	8.9	6	J
	386	48.9	59	J	13.0	-61	101	-0.9	4.8	-8.4	9	J

NOV. 27, 1977

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												331
1	387	42.0	54	J	14.6	34	315	5.0	-5.1	4.8	13	J
2	388	23.5	34	J	19.8	48	314	9.1	-9.1	14.8	3	J
3	415	21.1	179	J	14.5	54	327	6.5	-3.5	10.9	6	J
4	422	18.4	237	J								
5												
6	485	10.3	270	J	13.4	-34	298	4.3	-9.4	-4.0	7	J
7					11.8	13	320	8.7	-6.2	4.7	1	J
8					8.8	28	355	7.7	0.8	4.1	0	J
9	523	7.9	181	J	8.3	35	12	6.5	3.0	3.8	2	J
10	521	6.3	142	J	6.1	10	308	1.9	-2.0	1.4	5	J
11	539	6.7	175	J	4.4	0	244	-1.5	-2.8	1.2	3	J
12	533	6.9	175	J	4.1	16	247	-1.4	-2.7	2.2	2	J
13	536	5.8	120	J	5.3	2	226	-3.3	-3.1	1.3	2	J
14	511	5.2	95	J	4.7	7	275	0.4	-3.8	1.8	2	J
15	504	5.2	88	J	5.3	13	278	0.6	-3.9	2.2	3	J
16	488	5.4	95	J	5.3	1	319	3.3	-2.8	0.7	3	J
17	478	6.0	134	J	5.4	3	332	4.6	-2.4	0.7	1	J
18	473	6.0	102	J	5.3	8	313	3.3	-3.4	1.1	2	J
19	470	6.7	95	J	5.4	15	315	3.3	-3.2	1.5	2	J
20	463	6.1	63	J	5.4	7	304	2.8	-4.1	0.7	2	J
21	439	5.5	62	J	5.6	12	330	4.6	-2.6	1.1	2	J
22	462	6.5	61	J	5.4	24	294	1.8	-4.1	1.9	2	J
23	451	6.8	60	J	5.0	23	294	1.7	-3.9	1.7	2	J
24	459	6.7	66	J	4.1	12	329	3.0	-1.8	0.7	2	J

NOV. 28, 1977

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												332
	462	7.8	70	J	4.3	21	306	2.0	-2.7	1.2	2	J
	458	9.1	72	J	5.3	30	352	4.3	-0.6	2.5	2	J
	459	9.2	66	J	5.2	9	314	3.3	-3.4	1.0	2	J
	462	9.0	54	J	5.6	-8	296	2.4	-5.0	-0.2	1	J
	397	0.0	0	H								
	403	0.0	0	H								
	428	9.0	90	J								
	428	8.8	81	J	4.8	-8	326	3.9	-2.7	0.1	0	J
	429	8.9	147	J	4.9	-14	314	3.2	-3.5	0.0	1	J
	419	8.3	79	J	5.1	-5	320	3.4	-2.8	0.7	2	J
	419	8.5	80	J	5.6	7	328	4.2	-2.2	1.6	2	J
	401	0.0	0	H	5.9	-13	320	3.4	-3.1	0.1	4	J
	401	11.3	86	J								
	404	10.3	64	J	6.1	13	330	5.0	-2.2	2.2	1	J
	407	8.0	41	J	5.9	21	322	3.9	-2.3	2.8	2	J
	401	8.7	49	J	6.0	13	341	5.4	-1.4	1.8	1	J
	401	8.7	55	J	5.9	12	338	5.3	-1.8	1.6	1	J
	405	8.0	44	J	5.9	33	313	3.3	-3.0	3.7	1	J
	399	8.4	50	J	5.9	24	322	4.2	-3.0	2.8	1	J
	383	7.9	51	J	5.7	30	329	4.1	-2.3	2.9	1	J
	383	8.6	52	J	5.6	21	360	5.0	0.0	1.9	1	J
	388	8.7	49	J	5.5	24	7	4.5	0.5	2.0	2	J
	383	8.5	46	J	4.5	-15	62	1.9	3.6	-1.0	2	J
	390	6.9	34	J	4.3	-3	62	1.8	3.4	-0.1	2	J
					4.3	-14	88	0.1	4.1	-0.9	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 29, 1977							333
1	382	6.5	31	J	3.9	-12	81	0.6	3.6	-0.7	1	J
2	377	6.4	31	J	3.6	-13	71	1.1	3.2	-0.8	1	J
3	387	6.6	36	J	3.9	2	66	1.4	3.2	-0.1	2	J
4	382	0.0	0	H								
5	379	0.0	0	H								
6	372	0.0	0	H								
7	369	7.6	35	J	3.1	-17	3	2.1	-0.1	-0.6	2	J
8	372	0.0	0	H								
9	372	8.6	30	J	2.7	-61	301	0.5	-1.5	-1.5	2	J
10	365	9.2	43	J	3.0	-35	344	2.1	-1.1	-1.2	1	J
11	360	10.2	42	J	3.4	-22	319	1.8	-1.8	-0.3	2	J
12	351	9.6	62	J	3.2	-12	334	2.6	-1.4	-0.1	1	J
13	353	9.7	63	J	3.3	-20	345	2.9	-1.1	-0.8	1	J
14	354	9.4	55	J	3.6	-35	331	2.2	-1.7	-1.3	2	J
15	357	8.6	33	J	4.0	-35	314	2.1	-2.7	-1.5	2	J
16	358	8.9	29	J	3.8	-13	309	2.1	-2.8	-0.2	2	J
17	348	10.3	42	J	4.2	0	314	2.8	-2.8	0.5	1	J
18	356	9.7	31	J	4.1	-35	289	0.9	-2.9	-1.7	2	J
19	363	10.0	37	J	3.8	-47	221	-1.8	-1.7	-2.4	2	J
20	359	9.8	37	J	3.9	-44	302	1.4	-2.3	-2.5	1	J
21	355	10.0	31	J	5.0	-37	253	-1.1	-3.7	-3.0	1	J
22	350	10.2	35	J	5.6	-29	278	0.7	-4.7	-2.9	1	J
23	344	11.4	45	J	6.0	-21	300	2.6	-4.4	-2.2	2	J
24	340	13.6	68	J	8.0	9	338	7.1	-2.9	1.1	2	J
					NOV. 30, 1977							334
1	337	13.4	39	J	8.3	-2	336	7.4	-3.3	-0.4	2	J
2	372	20.8	60	J	8.0	-4	278	0.8	-5.5	-0.4	6	J
3	378	26.4	71	J	7.9	8	301	3.0	-5.0	1.1	5	J
4	384	29.2	69	J	9.1	27	309	4.8	-5.5	4.4	4	J
5	390	42.7	51	J	7.9	12	279	0.9	-5.6	2.2	5	J
6	396	37.6	53	J	8.5	8	271	0.1	-5.0	1.9	7	J
7	388	30.9	55	J	10.3	-33	256	-1.4	-7.8	-2.5	6	J
8	373	16.7	63	J	12.1	61	295	2.4	-1.6	11.5	3	J
9	370	14.1	55	J	12.5	71	340	3.8	2.8	11.6	1	J
10	381	21.1	59	J	8.0	7	274	0.5	-6.4	3.5	4	J
11	376	22.9	32	J	7.9	-29	263	-0.8	-7.6	-1.0	2	J
12	372	14.7	21	J	8.5	-24	269	-0.1	-8.4	-0.5	0	J
13	370	18.3	17	J	6.4	-22	286	1.8	-5.9	-3.4	2	J
14	367	0.0	0	H								
15	380	11.9	29	J	5.0	-32	331	3.6	-2.6	-2.0	1	J
16	371	13.0	18	J	4.2	-37	305	1.9	-3.1	-1.9	1	J
17	379	10.0	23	J	4.1	-35	287	1.0	-3.5	-1.8	1	J
18	377	10.3	22	J	3.7	-28	262	-0.4	-3.3	-1.4	1	J
19	383	10.8	20	J	3.2	12	310	1.9	-2.2	0.7	1	J
20	382	9.9	23	J	3.5	-19	311	2.1	-2.4	-1.1	1	J
21	380	9.0	23	J	2.8	-19	313	1.7	-1.8	-0.9	1	J
22	380	8.6	24	J	2.5	7	313	1.5	-1.6	0.2	1	J
23	385	7.4	21	J	2.7	51	349	1.4	-0.4	1.8	1	J
24	390	6.8	26	J	2.4	6	267	-0.0	-0.9	0.0	2	J
					DEC. 1, 1977							335
1	385	8.0	38	J	2.1	4	9	0.9	0.1	0.1	2	J
2	390	7.9	32	J	1.4	-38	255	-0.1	-0.5	-0.4	1	J
3	386	6.7	27	J	3.0	36	238	-1.1	-1.7	1.5	2	J
4	379	5.9	21	J	3.6	31	220	-1.9	-1.4	1.6	2	J
5	374	7.2	27	J	3.4	33	226	-1.5	-1.3	1.6	2	J
6	369	6.4	26	J								
7	361	6.7	21	J								
8	367	6.5	17	J								
9	370	0.0	0	H								
10	373	0.0	0	H								
11	366	0.0	0	H								
12	366	0.0	0	H								
13	367	0.0	0	H								
14	368	0.0	0	H								
15	365	0.0	0	H								
16	365	0.0	0	H								
17	366	0.0	0	H								
18	372	0.0	0	H								
19	375	0.0	0	H								
20	366	0.0	0	H								
21	369	0.0	0	H								
22	372	0.0	0	H								
23												
24	374	0.0	0	H								
					DEC. 2, 1977							336
	374	0.0	0	H								
	375	0.0	0	H								
	395	0.0	0	H								
	401	0.0	0	H								
	405	0.0	0	H								
	408	0.0	0	H								
	410	0.0	0	H								
	416	0.0	0	H								
	402	0.0	0	H								
	390	0.0	0	H								
	389	0.0	0	H								
	380	0.0	0	H								
	377	0.0	0	H								
	393	0.0	0	H								
	399	0.0	0	H								
	414	0.0	0	H								
	414	0.0	0	H								
	424	0.0	0	H								
	472	0.0	0	H								
	469	0.0	0	H								
					DEC. 3, 1977							337
9	424	0.0	0	H								
15	398	0.0	0	H								
16	398	0.0	0	H								
17	401	0.0	0	H								
18	398	0.0	0	H								
19	385	0.0	0	H								
20	383	0.0	0	H								
21	387	0.0	0	H								
22	383	0.0	0	H								
23	380	0.0	0	H								
24	373	0.0	0	H								
					DEC. 4, 1977							338
	372	0.0	0	H								
	375	0.0	0	H								
	378	0.0	0	H								
	380	0.0	0	H								
	386	0.0	0	H								
	374	0.0	0	H								
	371	0.0	0	H								
	387	0.0	0	H								
	364	0.0	0	H								
	363	0.0	0	H								
	364	0.0	0	H								
	366	0.0	0	H								
	369	0.0	0	H								
	368	0.0	0	H								
	366	0.0	0	H								
	367	0.0	0	H								
	418	0.0	0	H								
	492	0.0	0	H								
	362	0.0	0	H								
	370	0.0	0	H								
	365	0.0	0	H								
	369	0.0	0	H								
	370	0.0	0	H								
					DEC. 5, 1977							339
1	368	0.0	0	H								
2	371	0.0	0	H								
3	372	0.0	0	H								
4	386	0.0	0	H								
5	391	0.0	0	H								
6	410	0.0	0	H								
7	423	0.0	0	H								
8	420	0.0	0	H								
9	419	0.0	0	H								
10												
11	426	16.2	35	J	4.7	8	148	-3.6	2.3	-0.2	2	J
12	421	15.7	37	J	4.7	12	145	-3.4	2.6	0.1	2	J
13	420	14.1	38	J	5.1	6	145	-3.7	2.6	-0.3	2	J
14	414	14.8	35	J	6.2	20	142	-4.0	3.5	1.0	3	J
15	418	16.9	28	J	5.3	54	154	-2.6	2.1	3.6	2	J
16	415	16.3	26	J	4.9	55	166	-2.7	1.3	3.8	1	J
17	420	17.6	30	J	2.9	55	247	-0.6	-1.2	2.5	0	J
18	420	15.1	37	J	3.5	45	218	-1.9	-1.3	2.5	1	J
19	421	15.1	48	J	2.6	31	195	-1.9	-0.5	1.2	2	J
20	414	14.1	39	J	2.1	10	210	-1.4	-0.8	0.3	2	J
21	408	12.9	39	J	2.9	9	235	-1.3	-1.9	0.3	2	J
22	394	12.5	40	J	4.0	5	293	1.1	-2.5	0.0	3	J
23	387	12.3	34	J	3.5	14	207	-0.4	-0.2	0.1	4	J
24	371	9.2	36	J	4.9	7	322	3.5	-2.8	0.3	2	J
					DEC. 6, 1977							340
	370	9.3	31	J	5.4	-5	313	3.5	-3.7	-0.7	2	J
	375	11.0	28	J	6.0	-4	290	1.9	-5.3	-0.6	2	J
	398	12.3	30	J	5.3	27	243	-1.7	-3.3	1.9	3	J
	392	15.8	25	J	3.5	36	208	-2.3	-1.1	1.9	2	J
	393	19.2	25	J	1.9	48	232	-0.7	-0.8	1.4	1	J
	387	18.5	27	J	1.9	49	193	-1.0	-0.0	1.2	1	J
	390	19.2	28	J	1.7	-27	178	-0.5	-0.0	-0.3	2	J
	393	17.8	31	J	1.9	-68	299	0.2	-0.6	-0.9	2	J
	390	16.4	39	J	3.4	-22	241	-0.9	-1.8	-0.2	3	J
	359	9.1	32	J	5.6	-4	317	3.9	-3.5	0.8	2	J
	362	9.1	29	J	5.8	3	309	3.4	-3.9	1.6	2	J
	357	9.3	31	J	5.9	5	317	4.2	-3.6	1.7	1	J
	355	10.1	41	J	6.5	2	321	5.0	-3.6	1.4	1	J
	357	10.4	39	J	6.3	13	318	4.4	-3.5	2.4	2	J
	358	9.7	33	J	6.2	23	315	3.8	-3.2	3.0	2	J
	351	9.4	46	J	6.4	20	334	4.9	-2.0	2.4	3	J
	350	9.1	55	J	5.7	20	347	5.0	-0.9	2.0	2	J
	344	9.8	31	J	6.0	16	360	5.6	0.1	1.6	1	J
	357	10.3	30	J	5.5	12	46	3.4	3.5	1.0	2	J
	346	9.2	29	J	5.8	26	22	4.5	1.7	2.4	2	J
	338	8.8	22	J	5.5	-2	350	5.3	-0.9	-0.2	1	J
					5.8	-28	349	4.4	-3.6	-2.5	3	J
					5.5	-15	74	1.4	5.1	-0.9	1	J
	333	10.2	16	J	5.4	-13	24	4.7	2.2	-1.0	1	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
					DEC. 7, 1977							341
1	331	9.9	15	J	5.5	2	20	5.1	1.8	0.3	1	J
2	331	9.2	18	J	5.4	12	5	5.2	0.4	1.1	1	J
3	327	7.7	19	J	5.0	7	354	4.9	-0.5	0.6	1	J
4	327	8.2	20	J	5.1	-1	338	4.5	-1.8	0.0	1	J
5	333	9.9	20	J	5.9	-12	322	4.4	-3.5	-0.8	2	J
6	331	9.5	22	J	6.2	-7	327	4.7	-3.1	-0.2	2	J
7	353	7.6	46	J	7.4	44	317	3.7	-2.2	5.5	3	J
8	364	7.2	46	J	6.9	32	315	4.0	-2.9	4.5	2	J
9	362	8.0	36	J	6.1	26	311	3.5	-3.0	3.7	1	J
10	370	9.2	32	J	5.7	33	310	2.9	-2.3	3.8	2	J
11	376	9.8	30	J	5.6	51	296	1.4	-1.5	4.7	2	J
12	369	8.9	37	J	5.3	24	309	2.9	-2.7	3.0	2	J
13	372	9.3	41	J	5.3	31	296	1.6	-2.5	3.1	3	J
14	367	9.0	36	J	5.4	21	291	1.7	-3.9	2.9	1	J
15	361	9.2	43	J	5.4	25	305	2.6	-3.2	2.8	2	J
16	371	9.9	36	J	4.6	43	290	1.1	-2.5	3.4	1	J
17	361	9.8	46	J	4.7	8	308	2.5	-3.1	0.9	2	J
18	365	9.9	46	J	4.3	12	324	2.5	-1.7	0.7	3	J
19	367	9.8	47	J	4.0	-3	322	2.0	-1.6	-0.1	3	J
20					3.7	-26	274	3.2	-3.2	-1.7	1	J
21	366	10.1	40	J								
22	371	10.4	40	J	2.8	-11	315	1.7	-1.7	-0.6	1	J
23	372	10.5	34	J	3.5	22	284	0.7	-3.0	0.9	1	J
24	366	10.2	38	J	3.3	8	308	1.7	-2.2	2.2	2	J
					DEC. 8, 1977							342
1	357	10.1	42	J	3.5	-3	320	1.8	-1.5	-0.3	3	J
2	353	9.9	36	J	2.7	29	239	-1.0	-1.7	1.0	2	J
3	355	10.1	34	J	3.4	28	174	-2.6	0.3	1.5	1	J
4	353	10.0	31	J	3.0	25	196	-2.5	-0.8	1.3	1	J
5	347	10.2	30	J	3.3	44	210	-1.7	-0.8	2.0	2	J
6	350	11.0	26	J	3.2	45	174	-2.3	0.6	2.2	1	J
7	326	11.5	27	J	3.7	7	316	1.5	-1.4	3.6	3	J
8	314	10.9	24	J	4.1	-20	320	2.7	-2.6	-0.6	1	J
9	312	10.8	24	J	3.4	-17	329	2.5	-1.7	-0.4	1	J
10	318	10.3	19	J	3.3	-52	354	1.8	-0.9	-2.2	1	J
11	324	8.0	21	J	4.0	-24	348	2.4	-0.8	-0.9	3	J
12	352	5.5	24	J	5.6	35	271	0.1	-3.3	4.3	1	J
13	341	5.6	27	J	5.6	29	298	2.2	-3.2	3.6	2	J
14	339	6.5	30	J	5.7	31	316	3.4	-2.5	3.5	1	J
15	334	7.0	22	J	5.9	39	312	3.0	-2.5	4.3	1	J
16	332	8.1	24	J	5.6	39	326	3.6	-1.7	3.8	1	J
17					3.7	3	60	1.8	3.1	-0.1	0	J
18	306	12.0	20	J	3.9	7	46	2.6	2.7	0.3	1	J
19	335	11.6	16	J	3.7	4	56	2.2	2.6	0.2	1	J
20	308	12.1	19	J	3.7	5	66	1.5	3.3	0.5	1	J
21	306	12.7	24	J	4.2	26	50	2.3	2.6	2.0	1	J
22	308	13.0	28	J	4.6	46	24	2.9	0.9	3.4	1	J
23	304	13.3	14	J	5.0	33	302	2.2	-3.8	2.3	0	J
24												
					DEC. 9, 1977							343
1	334	10.0	14	J	5.3	30	306	2.4	-3.6	2.1	1	J
2	300	9.6	15	J	4.8	20	315	3.1	-3.2	1.4	1	J
3	302	11.2	17	J	5.2	10	312	3.4	-3.8	0.8	1	J
4												
5					5.4	-39	24	3.5	1.3	-3.3	2	J
6					6.2	-53	343	3.4	-1.8	-4.5	2	J
7	325	6.3	28	J	6.1	-52	17	3.2	3.0	-4.4	3	J
8	327	5.8	23	J	7.0	-13	321	5.3	-4.6	-0.4	0	J
9					5.0	3	305	2.9	-3.8	1.4	0	J
10	325	7.7	26	J	4.6	39	305	2.0	-1.8	3.5	1	J
11	327	7.5	28	J	4.1	36	288	0.9	-2.1	3.0	1	J
12	328	7.2	25	J	4.1	63	277	0.2	-0.3	4.0	1	J
13	320	8.1	21	J	3.4	74	187	-0.9	0.8	3.1	1	J
14	324	9.1	19	J	3.4	42	174	-2.4	0.8	2.1	1	J
15	324	9.2	20	J	3.2	27	168	-2.8	0.9	1.3	1	J
16	323	9.3	20	J	3.0	-2	145	-2.3	1.6	-0.3	1	J
17	337	8.1	17	J	3.5	30	316	2.0	-1.8	1.8	1	J
18	309	8.9	24	J	3.1	-7	307	1.6	-2.2	-0.2	2	J
19	336	9.6	21	J	3.3	-3	320	2.4	-2.0	-0.2	1	J
20	333	8.3	21	J	3.3	11	338	2.7	-1.1	0.5	2	J
21	333	9.3	20	J	3.2	26	343	2.3	-0.8	1.1	2	J
22	333	8.9	21	J	2.8	15	330	1.9	-1.2	0.5	2	J
23	335	10.3	15	J	4.0	38	276	0.3	-3.2	1.9	1	J
24	310	8.8	16	J	4.8	58	245	-1.0	-2.7	3.6	1	J
					DEC. 10, 1977							344
1	306	9.0	16	J	5.2	55	298	1.3	-2.8	3.7	2	J
2	302	9.0	18	J	5.1	19	315	3.2	-3.3	1.3	2	J
3	302	8.6	18	J	5.1	-3	318	3.7	-3.3	-0.4	1	J
4	305	6.8	23	J	5.3	-8	330	4.4	-2.5	-0.6	1	J
5					5.2	-26	336	4.1	-2.0	-2.0	2	J
6	303	7.1	14	J	5.0	-22	330	4.0	-2.6	-1.5	1	J
7	305	6.7	21	J	5.2	-26	333	4.0	-2.4	-1.7	1	J
8	313	7.2	36	J	5.2	3	326	4.1	-2.6	0.9	1	J
9	321	7.1	26	J	5.6	1	324	4.4	-3.0	1.0	2	J
10	320	8.4	25	J	5.7	-5	321	3.9	-3.1	0.5	3	J
11	332	7.9	15	J	6.2	-22	307	3.5	-5.1	-0.6	1	J
12	325	7.9	19	J	6.3	-23	321	4.5	-4.2	-1.3	1	J
13	330	11.4	16	J	5.5	-14	328	4.5	-3.1	-2.5	1	J
14	322	13.7	17	J	5.1	-11	329	4.2	-2.7	-0.3	1	J
15	316	15.3	22	J	4.8	18	317	3.3	-2.7	2.0	1	J
16	315	19.2	13	J	4.7	23	318	3.1	-2.6	2.2	1	J
17	314	20.2	15	J	5.8	12	321	4.3	-3.4	1.5	1	J
18	312	22.3	13	J	6.2	19	318	4.3	-3.8	2.1	1	J
19	310	23.9	13	J	6.2	3	314	4.3	-4.5	0.3	1	J
20	306	26.5	10	J	8.0	-2	315	5.7	-5.6	-0.6	1	J
21	333	36.7	15	J	5.8	-7	310	3.6	-4.2	-1.1	2	J
22	309	44.0	17	J	9.6	-12	312	5.9	-6.3	-2.6	4	J
23	331	41.0	31	J	12.1	-13	141	-2.3	1.9	-3.4	12	J
24	335	26.9	38	J	16.0	42	137	-8.4	6.4	11.3	4	J
					DEC. 11, 1977							345
1	354	27.4	68	J	13.7	-23	133	-7.2	8.2	-3.6	8	J
2	377	18.6	72	J	13.0	-9	137	-7.2	6.8	-1.0	9	J
3	376	15.5	65	J	13.9	-15	142	-10.2	8.1	-3.2	4	J
4	387	15.0	137	J	11.3	-22	148	-8.4	5.2	-4.1	4	J
5	418	12.9	152	J	13.9	-48	141	-6.9	4.8	-10.3	4	J
6	426	13.2	135	J	15.0	-64	147	-5.2	1.6	-13.1	5	J
7	437	15.4	185	J	14.1	-47	136	-6.2	4.1	-10.3	6	J
8	443	13.2	177	J	14.3	4	130	-6.5	7.7	-1.2	10	J
9	456	12.2	215	J	12.4	25	131	-5.5	7.1	2.0	8	J
10	462	11.1	162	J	13.8	-30	132	-7.6	6.4	-9.0	3	J
11	456	14.1	207	J	11.1	-42	127	-4.8	4.0	-8.7	3	J
12	466	13.0	185	J	9.6	-41	115	-2.5	3.7	-6.5	5	J
13	480	10.9	128	J	8.3	-43	63	2.7	3.7	-6.7	2	J
14	472	10.2	122	J	7.0	-29	82	0.8	4.9	-4.5	2	J
15	463	10.8	128	J	6.9	-22	93	-0.2	3.1	-2.0	4	J
16	439	12.2	112	J	6.1	-15	129	-4.7	5.5	-2.7	3	J
17	423	12.6	93	J	7.4	-4	118	-2.8	5.2	-0.8	4	J
18	442	12.6	82	J	7.1	80	308	0.6	-0.6	5.7	4	J
19	450	10.6	96	J	6.4	58	224	-1.0	-1.0	2.3	6	J
20	461	9.9	111	J	6.4	-62	137	-1.5	1.7	-3.9	5	J
21	451	10.9	165	J	6.7	-14	216	-4.1	-2.8	-1.6	4	J
22	456	10.5	130	J	7.2	-40	213	-3.5	-1.8	-3.8	5	J
23	465	11.3	134	J	7.1	-15	194	-2.8	-0.6	-0.9	7	J
24	470	11.1	143	J	6.3	-22	111	-1.5	4.1	-1.1	4	J
					DEC. 12, 1977							346
1	466	9.8	130	J	7.3	-27	144	-3.8	3.0	-2.1	5	J
2	476	9.2	132	J	8.8	-29	114	-2.7	6.5	-3.2	4	J
3	481	9.8	143	J	9.2	-48	131	-3.1	3.8	-5.1	6	J
4	485	11.7	128	J	10.3	-43	252	-2.2	-6.7	-6.5	4	J
5	469	11.3	144	J	12.2	-56	169	-6.3	0.5	-9.6	4	J
6	464	15.0	221	J	10.7	9	228	-6.8	-7.3	2.6	3	J
7	468	14.3	194	J	10.8	54	182	-4.9	1.1	6.6	7	J
8	480	13.6	179	J	8.3	77	126	-0.9	2.7	6.0	5	J
9	485	12.7	153	J	9.2	78	49	1.2	3.5	7.7	4	J
10	478	12.2	151	J	7.9	76	197	-1.7	1.5	7.0	3	J
11	472	11.6	143	J	7.7	68	190	-2.5	1.4	6.1	4	J
12	490	8.7	155	J	8.2	-14	126	-4.3	5.2	-3.4	3	J
13	486	8.9	167	J	8.3	20	151	-5.6	3.6	1.5	5	J
14	485	9.1	159	J	8.4	29	185	-6.3	0.2	3.5	4	J
15	493	9.0	164	J	8.4	29	139	-4.8	4.7	2.7	4	J
16	491	9.1	168	J	8.1	36	215	-4.8	-2.8	4.7	3	J
17	477	9.3	157	J	8.7	17	154	-6.6	3.4	2.0	4	J
18	491	7.7	198	J	8.2	12	143	-5.9	4.4	1.5	3	J
19	497	8.2	160	J	8.3	-2	129	-5.0	6.1	-0.1	2	J
20	505	8.9	162	J	7.4	-18	183	-3.7	-0.1	-1.2	6	J
21	498	9.3	152	J	7.7	35	213	-4.6	-3.4	3.5	4	J
22	490	9.3	168	J	8.3	-2	163	-5.5	1.7	0.0	6	J
23	486	8.1	144	J	8.6	-1	134	-5.2	5.4	0.7	4	J
24	497	7.0	146	J	9.1	2	130	-4.9	5.8	1.1	5	J
					DEC. 13, 1977							347
1	506	6.0	121	J	10.4	5	117	-4.5	8.6	2.0	3	J
2	539	7.6	135	J	10.4	10	119	-4.4	7.8	2.4	5	J
3	514	10.5	165	J	9.2	43	129	-3.7	4.3	5.7	5	J
4	528	8.4	124	J	5.5	-3	146	-3.2	2.2	-0.2	4	J
5	546	7.3	164	J	4.5	0	119	-1.4	2.4	-0.2	4	J
6	520	7.7	108	J	4.8	10	152	-3.4	1.9	0.4	3	J
7	534	8.1	132	J	5.0	14	119	-1.4	2.5	0.2	4	J
8	518	8.1	98	J	4.9	14	155	-2.5	1.3	0.4	4	J
9	535	7.6	107	J	4.5	14	88	0.1	2.4	-0.0	4	J
10	548	8.4	141	J	4.9	34	34	2.7	2.3	1.6	3	J
11	543	8.3	129	J	5.0	2	37	3.2	2.3	-0.5	3	J
12	524	7.9	104	J	4.8	53	83	0.2	2.7	2.1	3	J
13	502	7.1	75	J	5.5	5	120	-2.5	4.4	-0.6	2	J
14	490	7.5	107	J	5.6	2	163	-3.5	1.1	-0.1	4	J
15	505	5.8	79	J	5.6	-1	108	-1.5	4.5	-0.8	3	J
16	522	5.5	93	J	5.5	-17	73	1.4	4.4	-2.0	2	J
17	511	5.0	71	J	5.4	-12	100	-0.8	4.6	-1.3	2	J
18	507	4.7	70	J	5.6	-26	86	0.3	4.5	-2.3	2	J
19	533	5.0	74	J	5.3	-12	98	-0.6	4.6	-0.8	2	J
20	504	4.8	78	J	4.8	-5	96	-0.4	4.0	-0.0	3	J
21	509	4.9	66	J	4.5	0	115	-1.6	3.3	0.4	2	J
22	509	0.0	0	H								
23	514	0.0	0	H								
24	522	0.0	0	H								
					DEC. 14, 1977							348
	514	0.0	0	H								
	510	0.0	0	H								
	481	0.0	0	H								
	476	0.0	0	H								
	471	0.0	0	H								
	475	0.0	0	H								
	473	0.0	0	H								
	470	0.0	0	H								
	470	0.0	0	H								
	472	0.0	0	H								
	480	0.0	0	H								
	473	0.0	0	H								
	459	0.0	0	H								
	446	0.0	0	H								
	440	0.0	0	H								
	419	0.0	0	H								
	431	0.0	0	H								
	418	0.0	0	H								
	422	0.0	0	H								
	413	0.0	0	H								
	416	0.0	0	H								
	407	0.0	0	H								
	408	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					DEC. 15, 1977							349
1	409	0.0	0	H								
2	418	0.0	0	H								
3	412	0.0	0	H								
4	422	0.0	0	H								
5	434	0.0	0	H								
6	432	0.0	0	H								
7	434	0.0	0	H								
8	411	0.0	0	H								
9	407	0.0	0	H								
10	400	0.0	0	H								
11	389	0.0	0	H								
12	389	0.0	0	H								
13	371	0.0	0	H								
14	386	0.0	0	H								
15	390	0.0	0	H								
16	388	0.0	0	H								
17	383	0.0	0	H								
18	389	0.0	0	H								
19	393	0.0	0	H								
20												
21												
22												
23												
24												
					DEC. 16, 1977							350
	347	0.0	0	H								
	344	0.0	0	H								
	345	0.0	0	H								
	344	0.0	0	H								
	370	0.0	0	H								
	373	0.0	0	H								
	369	0.0	0	H								
	352	0.0	0	H								
	356	0.0	0	H								
	362	0.0	0	H								
	360	0.0	0	H								
	362	0.0	0	H								
	362	0.0	0	H								
	361	0.0	0	H								
					DEC. 17, 1977							351
1	360	0.0	0	H								
2	361	0.0	0	H								
3	353	0.0	0	H								
4	345	0.0	0	H								
5	346	0.0	0	H								
6	338	0.0	0	H								
7	336	0.0	0	H								
8	342	0.0	0	H								
9	335	0.0	0	H								
10	335	0.0	0	H								
11	336	0.0	0	H								
12	336	0.0	0	H								
13	334	0.0	0	H								
14	334	0.0	0	H								
15	338	0.0	0	H								
16	337	0.0	0	H								
17	343	0.0	0	H								
18	336	0.0	0	H								
19	337	0.0	0	H								
20	349	0.0	0	H								
21	361	0.0	0	H								
22	354	0.0	0	H								
23	354	0.0	0	H								
24	367	0.0	0	H								
					DEC. 18, 1977							352
	366	0.0	0	H								
								4.9	35	227	-2.6	-2.3	3.1	1	J
								4.4	36	238	-1.6	-2.3	2.6	2	J
								5.0	37	229	-2.5	-2.6	3.1	2	J
								13.4	33	192	-10.9	-2.8	7.1	2	J
	336	11.2	15	J				4.8	26	227	-2.7	-3.2	1.5	1	J
	307	12.6	17	J				4.6	39	220	-2.7	-2.7	2.4	1	J
	335	12.8	15	J				4.4	49	204	-2.6	-1.8	3.0	1	J
	306	13.0	15	J				4.5	48	205	-2.7	-1.9	3.0	1	J
					DEC. 19, 1977										353
1	335	12.6	16	J	4.9	51	183	-2.8	-0.7	3.3	2	J
2	332	11.0	16	J	5.2	16	118	-2.3	4.0	2.0	1	J
3	297	10.1	17	J	5.2	43	182	-3.7	-0.5	3.4	1	J
4	296	9.1	22	J	5.0	37	164	-3.7	0.9	2.9	1	J
5	304	10.8	20	J	4.8	28	127	-2.3	3.1	2.0	2	J
6	294	9.4	22	J	5.1	29	145	-2.8	2.1	1.7	3	J
7	290	8.1	26	J	5.0	0	152	-3.9	2.0	-0.3	2	J
8	300	9.2	22	J	4.9	-27	117	-1.5	2.7	-2.2	3	J
9	296	9.9	18	J	4.7	7	135	-3.2	3.3	-0.1	1	J
10	304	11.7	12	J	3.4	14	153	-2.8	1.7	0.4	1	J
11	302	11.0	12	J	3.4	17	175	-3.2	0.5	0.9	0	J
12	301	11.0	11	J	3.3	8	172	-3.2	0.5	0.3	0	J
13	301	11.2	10	J	3.6	7	163	-3.3	1.1	0.2	0	J
14	300	10.3	11	J	3.5	8	158	-3.1	1.3	0.3	0	J
15	298	10.8	11	J	3.7	5	154	-3.2	1.6	0.1	1	J
16	300	11.6	11	J	3.1	7	158	-2.9	1.2	0.3	0	J
17												
18	315	20.9	20	J	5.1	19	135	-3.4	3.4	1.8	1	J
19	312	18.8	23	J	5.8	25	140	-4.0	3.1	2.7	1	J
20	336	16.1	18	J	6.8	19	132	-4.2	4.3	2.7	2	J
21	305	15.5	20	J	6.7	16	133	-4.0	4.4	2.5	2	J
22	306	15.6	17	J	6.6	60	210	-1.2	-1.1	2.3	6	J
23												
24	307	14.3	13	J	5.9	-2	105	-1.5	5.5	0.9	1	J
					DEC. 20, 1977										354
	302	14.5	12	J	5.3	13	128	-3.1	3.7	1.9	1	J
	302	14.9	13	J	4.8	6	133	-3.1	3.2	1.0	2	J
	297	13.7	14	J	4.8	8	151	-4.2	2.2	0.9	1	J
	300	16.4	13	J	5.0	5	132	-3.3	3.6	0.6	1	J
	304	18.8	12	J	5.5	9	127	-3.2	4.3	0.8	1	J
	295	15.4	14	J	5.8	15	144	-4.5	3.3	1.2	1	J
	289	13.5	14	J	5.8	12	152	-5.0	2.8	0.9	1	J
	287	12.6	14	J	5.7	16	148	-4.6	3.1	1.0	1	J
	285	14.1	21	J	4.8	8	122	-1.5	2.5	-0.1	4	J
	301	12.2	26	J	5.4	-23	23	3.9	1.2	-2.1	3	J
	306	11.6	30	J	4.8	-23	61	1.6	2.4	-2.0	3	J
	308	10.9	31	J	4.5	-32	84	0.4	3.0	-3.0	1	J
	303	9.2	29	J	4.7	-30	76	0.8	3.4	-3.0	1	J
	297	9.7	30	J	4.4	-38	74	1.0	2.9	-3.2	1	J
	296	9.7	25	J	4.2	-31	79	0.7	3.2	-2.5	1	J
	301	9.2	19	J	4.5	-13	48	2.9	3.1	-1.2	1	J
	300	9.4	17	J	4.7	-11	32	3.8	2.4	-0.9	1	J
	303	11.3	14	J	4.1	-19	29	3.3	1.9	-1.2	1	J
	285	14.1	18	J	2.6	-46	164	-1.5	0.7	-1.5	1	J
					DEC. 21, 1977										355
1	281	16.9	19	J	3.3	18	199	-2.9	-1.2	0.8	1	J
2	284	15.3	16	J	3.5	28	208	-2.7	-1.7	1.4	0	J
3	287	16.9	23	J	3.5	27	189	-3.0	-0.7	1.5	1	J
4	286	17.1	21	J	3.4	4	163	-2.8	0.8	0.3	2	J
5	292	19.1	19	J	2.5	-36	81	0.3	1.8	-1.3	1	J
6	291	19.2	18	J	2.9	-3	60	1.4	2.4	-0.3	1	J
7												
8												
9	295	15.4	22	J	6.0	-29	67	1.9	3.9	-3.6	2	J
10	310	13.0	26	J	6.2	11	115	-2.4	5.2	-0.0	2	J
11	319	12.1	40	J	5.9	13	130	-3.6	4.4	0.3	1	J
12	319	12.3	39	J	6.7	11	136	-4.7	4.7	0.3	1	J
13	315	12.1	41	J	7.4	18	135	-4.9	5.2	1.3	1	J
14	320	12.8	34	J	7.5	1	116	-3.0	6.1	-0.8	3	J
15	322	13.8	26	J	8.0	6	118	-3.7	7.0	0.1	1	J
16	319	16.7	26	J	6.7	-28	105	-1.3	4.9	-3.1	3	J
17	321	20.9	14	J	6.7	6	120	-3.2	5.5	0.6	2	J
18	315	26.0	17	J	5.5	23	144	-3.9	2.8	2.2	2	J
19	306	24.6	11	J	6.5	-7	123	-3.3	5.1	-0.3	2	J
20	313	24.2	16	J	6.4	-13	95	-0.5	6.3	-0.6	1	J
21	313	21.6	12	J	8.4	-37	71	2.2	7.0	-3.8	1	J
22					9.8	-40	69	2.7	8.1	-4.8	1	J
23					10.2	-40	69	2.7	8.4	-4.7	2	J
24												
					DEC. 22, 1977										356
	327	10.2	47	J	8.6	36	135	-4.2	3.3	5.1	4	J
	330	10.5	77	J	6.4	43	161	-3.5	0.6	3.6	4	J
	335	11.1	91	J	5.8	-12	126	-3.2	4.5	-0.6	2	J
	337	10.8	89	J	6.7	-52	119	-1.9	3.9	-4.9	2	J
	351	8.1	70	J	7.8	0	135	-5.4	5.4	0.1	1	J
	359	7.4	63	J	7.6	15	155	-6.4	3.1	1.7	2	J
	365	7.0	57	J	7.2	21	160	-6.1	2.5	2.2	2	J
	363	6.2	53	J	6.1	-6	158	-5.5	2.8	-1.0	1	J
	367	6.7	62	J	6.4	28	183	-5.5	0.8	2.9	2	J
	364	6.6	66	J	6.2	27	190	-5.3	-0.3	2.9	2	J
	361	5.5	99	J	5.8	6	168	-5.5	1.3	0.3	1	J
	361	5.6	92	J	4.8	-12	169	-4.3	0.6	-1.1	1	J
	354	6.7	124	J	4.3	-11	160	-3.8	1.2	-1.0	1	J
	344	6.5	84	J	4.6	-6	151	-3.6	1.9	-0.7	2	J
	350	7.4	73	J	5.2	12	152	-4.4	2.4	0.8	1	J
	340	6.9	57	J	5.1	1	158	-4.6	1.9	-0.0	1	J
	342	7.4	39	J	5.5	8	108	-1.4	4.4	0.6	3	J
	332	6.9	38	J	5.6	6	129	-3.4	4.1	0.8	1	J
	331	7.0	35	J	5.8	-4	116	-2.5	5.1	0.1	1	J
	331	7.9	29	J	5.8	14	105	-1.4	5.0	2.1	2	J
	334	9.4	26	J	5.5	5	114	-2.2	4.7	1.4	1	J
	325	16.9	21	J	3.1	-50	329	1.0	-0.3	-1.6	3	J
	315	18.9	18	J	4.2	-13	293	1.4	-3.1	-1.5	2	J
	317	21.3	18	J	3.0	-32	97	-0.2	1.8	-0.6	2	J

12/23/77 - 12/30/77

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 23, 1977							357
1	314	22.2	19	J	2.9	-16	188	-2.5	0.7	-0.6	1	J
2	313	23.6	18	J	2.6	-19	189	-2.3	-0.2	-0.9	1	J
3	310	23.9	17	J	2.9	-13	187	-2.5	-0.2	-0.6	1	J
4	308	24.6	15	J	2.7	-3	167	-2.3	0.5	-0.1	1	J
5	310	27.5	15	J	2.5	-2	149	-2.1	1.3	-0.1	0	J
6	307	27.5	14	J	2.4	11	130	-1.2	1.4	0.3	1	J
7	304	29.1	12	J	1.9	24	82	0.2	1.5	0.5	1	J
8	304	28.9	13	J	2.1	29	63	0.8	1.7	0.7	1	J
9	304	29.4	14	J	2.3	9	74	0.6	2.1	-0.0	1	J
10	305	18.8	27	J	4.2	41	99	-0.4	2.8	1.6	3	J
11	305	15.4	25	J	6.0	-23	113	-2.0	4.1	-3.1	2	J
12	305	16.0	21	J	6.0	-54	110	-1.2	2.3	-5.3	1	J
13	310	12.2	55	J	6.5	38	130	-3.2	4.4	3.2	2	J
14	309	12.0	42	J	6.6	15	126	-3.3	4.7	0.9	3	J
15	312	13.5	57	J	6.3	22	120	-2.3	4.1	1.5	4	J
16	316	15.9	28	J	6.1	82	93	-0.0	1.1	5.6	2	J
17	330	14.1	40	J	6.1	69	88	0.1	1.9	5.1	3	J
18	331	15.1	35	J	6.6	61	103	-0.6	2.4	5.0	4	J
19	327	15.1	42	J	6.1	26	257	-1.0	-4.5	1.7	4	J
20	337	15.2	50	J	5.5	34	295	1.6	-3.8	2.0	3	J
21	332	13.2	27	J	6.3	0	236	-3.0	-4.3	-0.8	3	J
22	333	12.7	32	J	6.7	-30	221	-4.1	-2.6	-3.8	3	J
23	328	10.8	47	J	3.9	-32	176	-3.1	0.7	-1.9	2	J
24	332	9.2	42	J	5.7	-15	125	-2.9	4.3	-0.4	3	J
					DEC. 24, 1977							358
1	325	10.3	45	J	5.9	26	136	-3.6	2.8	3.1	2	J
2	335	8.9	41	J	7.2	30	141	-4.4	2.9	3.8	3	J
3	343	8.0	62	J	7.5	44	131	-3.5	3.2	5.7	1	J
4	346	7.8	50	J	7.5	4	137	-5.3	4.9	0.9	2	J
5	337	11.7	28	J	6.6	8	139	-4.2	3.6	0.9	3	J
6	340	14.4	27	J	7.3	74	167	-1.5	0.5	5.4	5	J
7	345	18.3	30	J	7.9	66	273	0.2	-2.5	7.3	2	J
8	337	13.8	19	J	8.5	40	295	2.7	-5.0	6.1	2	J
9	334	15.5	22	J	7.7	14	300	3.5	-5.7	2.8	3	J
10	337	18.1	19	J	7.0	-52	337	3.3	-2.3	-4.2	4	J
11	362	18.2	22	J	5.6	-53	356	3.3	-1.0	-4.3	2	J
12	374	20.2	25	J	3.7	-42	358	2.7	-0.5	-2.3	1	J
13	378	19.0	34	J	2.3	-25	353	2.0	-0.4	-0.9	1	J
14	374	18.7	35	J	2.0	-13	337	1.7	-0.8	-0.3	1	J
15	372	17.0	29	J	1.6	-37	17	1.1	0.3	-0.9	1	J
16	372	16.3	29	J	2.2	1	15	1.5	0.4	0.0	2	J
17	378	15.9	22	J	3.0	37	342	2.1	-0.7	1.7	1	J
18	379	15.9	22	J	3.2	26	341	2.5	-1.0	1.3	1	J
19	368	15.6	25	J	3.4	29	321	2.3	-2.1	1.4	0	J
20	364	14.7	20	J	3.9	32	306	1.9	-2.9	1.6	1	J
21	359	15.5	24	J	3.6	27	334	2.7	-1.6	1.3	1	J
22	346	18.6	25	J	2.5	30	2	2.0	-0.2	1.1	1	J
23	338	22.1	19	J	3.7	29	345	3.1	-1.2	1.5	1	J
24	339	23.5	16	J	3.4	32	341	2.7	-1.3	1.5	1	J
					DEC. 25, 1977							359
1	346	15.0	17	J	4.8	4	3	4.2	0.1	0.3	3	J
2	345	17.0	20	J	4.7	7	339	4.3	-1.7	0.2	1	J
3	349	14.6	18	J	5.4	-4	338	4.9	-1.9	-0.7	1	J
4	354	12.2	15	J	5.6	-13	347	5.2	-1.1	-1.3	0	J
5	348	14.5	16	J	5.1	-10	346	4.9	-1.2	-0.9	1	J
6	344	16.2	20	J	5.2	-18	346	4.7	-1.2	-1.5	1	J
7	342	18.2	20	J	5.2	-26	354	4.6	-0.7	-2.2	1	J
8	344	18.8	19	J	5.2	-27	346	4.3	-1.4	-2.1	1	J
9	351	15.6	17	J	5.3	-16	337	4.7	-2.2	-1.1	1	J
10	355	17.0	20	J	4.9	-14	338	4.4	-2.0	-0.8	0	J
11	352	20.9	16	J	4.2	-2	344	4.0	-1.2	0.1	0	J
12	348	0.0	0	H	5.1	15	24	3.4	1.7	0.7	4	J
13	344	21.6	22	J	5.6	8	348	5.3	-1.0	0.9	1	J
14	335	20.3	12	J	7.5	-3	346	7.3	-1.8	-0.2	1	J
15	334	19.7	12	J	7.2	-9	354	7.1	-0.8	-1.1	1	J
16	336	27.4	12	J	6.7	-13	344	6.1	-1.6	-1.4	1	J
17	332	29.0	12	J	5.6	-19	328	4.5	-2.8	-1.9	1	J
18	327	27.4	16	J	5.7	-28	340	4.7	-1.5	-2.8	0	J
19	328	33.3	19	J	5.8	-32	346	4.4	-0.7	-2.9	2	J
20	321	36.6	18	J	5.5	-34	3	4.1	0.7	-2.7	2	J
21	320	36.3	18	J	4.8	-16	321	3.5	-2.5	-1.8	1	J
22	332	32.4	21	J	5.6	-33	328	3.6	-1.5	-3.2	3	J
23	358	18.9	50	J	7.9	-3	337	6.7	-2.7	-1.1	3	J
24	361	17.5	60	J	8.0	4	344	7.5	-2.2	0.0	2	J
					DEC. 26, 1977							360
1	369	17.6	64	J	8.6	-2	335	7.7	-3.4	-1.1	1	J
2	390	16.6	74	J	8.6	-37	296	2.6	-4.3	-5.4	4	J
3	379	17.7	85	J	9.2	-26	328	6.6	-3.5	-4.4	3	J
4	382	17.6	92	J	10.0	-5	330	8.6	-4.9	-1.4	1	J
5	382	16.6	76	J	9.2	-10	332	6.9	-3.6	-1.5	5	J
6	391	17.4	118	J	8.8	26	360	6.6	0.1	3.2	5	J
7	384	0.0	0	H	10.1	-6	320	7.4	-6.3	-0.5	3	J
8	387	0.0	0	H								
9	404	0.0	0	H	12.2	24	314	7.0	-6.5	5.6	5	J
10	399	0.0	0	H	9.8	11	305	4.7	-6.3	2.7	5	J
11	402	0.0	0	H								
12	434	0.0	0	H								
13	494	0.0	0	H								
14												
15												
16	545	0.0	0	H								
17	536	0.0	0	H								
18	535	0.0	0	H								
19	513	0.0	0	H								
20	498	0.0	0	H								
21	475	0.0	0	H								
22	472	0.0	0	H								
23	470	0.0	0	H								
24	459	0.0	0	H								
					DEC. 27, 1977							361
1	442	0.0	0	H								
2	446	0.0	0	H								
3												
4												
5	411	0.0	0	H								
6	413	0.0	0	H								
7	412	0.0	0	H								
8	408	0.0	0	H								
9	414	0.0	0	H								
10	416	0.0	0	H								
11	416	0.0	0	H								
12	414	0.0	0	H								
13	413	0.0	0	H								
14	414	0.0	0	H								
15	413	0.0	0	H								
16												
17												
18	425	0.0	0	H								
19	432	0.0	0	H								
20	464	0.0	0	H								
21	480	0.0	0	H								
22	461	0.0	0	H								
23	422	0.0	0	H								
24	410	0.0	0	H								
					DEC. 28, 1977							362
1	404	0.0	0	H								
2	431	0.0	0	H								
3	420	0.0	0	H								
4	428	0.0	0	H								
5												
6	412	0.0	0	H								
7	419	0.0	0	H								
8												
9												
10	369	0.0	0	H								
11	356	0.0	0	H								
12	373	0.0	0	H								
13	369	0.0	0	H								
14	359	0.0	0	H								
15	341	0.0	0	H								
16	352	0.0	0	H								
17	349	0.0	0	H								
18	358	0.0	0	H								
19	344	0.0	0	H								
20	363	0.0	0	H								
21	347	0.0	0	H								
22	336	0.0	0	H								
23	334	0.0	0	H								
24	335	0.0	0	H								
					DEC. 29, 1977							363
1	335	0.0	0	H								
2	334	0.0	0	H								
3	335	0.0	0	H								
4	336	0.0	0	H								
5	334	0.0	0	H								
6	331	0.0	0	H								
7	332	0.0	0	H								
8	327	0.0	0	H								
9	338	0.0	0	H								
10	344	0.0	0	H								
11	348	0.0	0	H								
12												
13	358	0.0	0	H								
14	360	0.0	0	H								
15	379	0.0	0	H								
16	377	0.0	0	H								
17	375	0.0	0	H								
18	387	0.0	0	H								
19	395	0.0	0	H								
20	404	0.0	0	H								
21	410	0.0	0	H								
22	407	0.0	0	H								
23	412	0.0	0	H								
24	406	0.0	0	H								
					DEC. 30, 1977							364
1	413	0.0	0	H								
2	408	0.0	0	H								
3	410	0.0	0	H								
4	410	0.0	0	H								
5	407	0.0	0	H								
6	408	0.0	0	H								
7	411	0.0	0	H								
8	409	0.0	0	H								
9	426	0.0	0	H								
10	438	0.0	0	H								
11	408	0.0	0	H								
12	404	0.0	0	H								
13	399	0.0	0	H								
14	418	0.0	0	H								
15	424	0.0	0	H								
16	452	0.0	0	H								
17	421	0.0	0	H								
18	439	0.0	0	H								
19	434	0.0	0	H								
20	422	0.0	0	H								
21	416	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 31, 1977							365
1												
2												
3												
4												
5												
6												
7	398	8.9	56	J	6.1	15	351	5.5	-0.8	1.5	2	J
8	393	9.4	60	J	6.3	21	11	5.6	1.3	2.1	2	J
9	398	9.5	65	J	5.3	4	26	4.5	2.2	0.1	2	J
10	400	10.0	82	J	4.7	4	9	4.5	0.8	0.2	1	J
11	396	10.5	70	J	4.7	3	341	4.2	-1.4	0.4	1	J
12	394	8.8	58	J	4.1	15	345	3.4	-0.8	1.0	2	J
13	389	10.0	45	J	4.6	-40	262	-0.4	-2.9	-1.9	3	J
14	383	11.6	47	J	4.4	-25	229	-2.4	-2.9	-1.5	2	J
15	388	11.6	55	J	5.8	-35	229	-2.0	-2.4	-2.0	5	J
16	395	11.0	70	J	7.0	28	0	6.1	-0.0	3.2	1	J
17	381	11.3	66	J	6.3	29	334	4.7	-2.5	2.8	2	J
18	389	11.7	68	J	5.7	33	1	4.5	-0.3	2.9	2	J
19	383	11.9	61	J	4.8	-16	286	1.0	-3.4	-1.7	3	J
20	384	11.0	47	J	4.9	-16	260	-0.7	-3.5	-1.9	3	J
21	371	11.3	44	J	4.9	-6	302	2.1	-3.1	-1.2	3	J
22	380	10.7	42	J	5.5	6	290	1.5	-4.2	-0.7	3	J
23					6.4	6	277	0.8	-6.1	-1.2	1	J
24	368	10.1	42	J	6.3	22	325	4.5	-3.6	1.2	2	J
					JAN. 2, 1978							2
1	433	17.2	106	J	5.9	40	101	-0.5	1.8	2.7	5	J
2	409	16.4	74	J	6.9	78	285	0.3	-2.7	5.4	4	J
3					7.9	-62	233	-2.1	-1.3	-6.9	3	J
4					8.4	-14	296	3.3	-6.4	-3.0	3	J
5					6.5	2	319	4.8	-4.2	-0.2	6	J
6					7.6	16	283	1.4	-6.0	1.5	4	J
7	435	12.2	72	J	7.4	59	289	1.2	-3.3	6.1	2	J
8	411	11.5	81	J	7.8	81	65	0.5	1.5	6.9	3	J
9												
10	412	11.2	107	J	4.9	-36	261	-0.5	-3.1	-1.8	3	J
11	414	10.4	117	J	4.6	31	268	-0.1	-2.7	2.2	3	J
12	411	9.5	112	J	5.6	24	274	0.3	-3.8	2.3	4	J
13	416	8.9	104	J	6.2	83	255	-0.2	-0.1	5.0	4	J
14	411	7.8	77	J	6.2	72	299	0.9	-1.2	5.5	2	J
15	411	6.9	65	J	6.1	78	48	0.8	1.1	5.8	1	J
16	395	6.8	59	J	5.5	57	1	2.9	-0.1	4.4	2	J
17												
18												
19	430	8.4	48	J	3.8	41	303	1.2	-2.2	1.5	2	J
20	389	8.2	50	J	4.1	-3	328	3.3	-2.0	-0.7	1	J
21	381	8.4	55	J	4.1	14	321	2.8	-2.4	0.3	2	J
22					3.7	25	296	0.6	-1.4	0.3	3	J
23	394	7.6	54	J	3.6	63	300	0.6	-1.7	1.9	2	J
24	392	7.6	59	J	3.8	70	18	1.1	-0.6	3.1	2	J
					JAN. 4, 1978							4
1	528	13.0	650	J	17.9	-23	284	3.8	-12.6	-10.9	5	J
2												
3												
4					15.4	-14	255	-3.7	-13.1	-6.0	4	J
5												
6	719	5.4	418	J	10.9	-20	286	2.7	-9.2	-4.1	3	J
7	738	5.6	380	J	11.7	-23	258	-2.1	-9.8	-4.2	4	J
8	756	8.0	388	J	14.0	-21	249	-4.6	-12.3	-4.3	3	J
9	699	8.6	313	J	16.7	-4	273	0.8	-15.8	0.3	5	J
10	672	14.5	176	J	15.8	-5	273	0.7	-14.3	0.3	7	J
11	673	24.0	99	J	13.6	-43	227	-6.6	-8.1	-8.2	3	J
12	639	12.8	94	J	13.5	-58	195	-6.2	-2.7	-10.0	6	J
13	628	13.2	62	J	14.8	-54	180	-8.6	-1.0	-11.8	2	J
14	621	2.3	68	J	14.9	-49	167	-9.4	1.6	-11.2	2	J
15	638	2.7	149	J	14.5	-55	173	-8.1	0.9	-11.7	2	J
16	649	2.7	147	J	14.5	-55	194	-8.1	-1.5	-12.0	1	J
17	628	1.1	108	J	14.6	-55	208	-7.4	-2.8	-12.3	1	J
18	662	7.4	138	J	13.2	-51	247	-2.9	-5.5	-10.2	6	J
19	639	10.2	112	J	13.4	-55	251	-2.2	-4.4	-10.7	6	J
20	581	4.9	82	J	14.3	-6	308	8.8	-13.5	-4.1	1	J
21	571	3.8	78	J	14.3	-6	303	7.7	-11.0	-4.7	0	J
22												
23												
24												
					JAN. 6, 1978							6
1	601	6.8	285	J	9.5	13	285	2.0	-7.6	-0.6	5	J
2	613	20.0	57	J	10.0	-39	177	-5.3	1.5	-4.0	8	J
3	618	15.9	46	J	11.7	-43	213	-7.0	-2.5	-8.6	3	J
4	618	11.5	55	J	11.6	-28	225	-7.1	-5.9	-6.6	2	J
5	615	5.6	46	J	12.0	-10	240	-5.8	-9.7	-3.4	2	J
6	614	7.8	40	J	12.3	23	245	-4.7	-10.4	4.0	2	J
7	603	13.7	27	J	13.4	39	246	-4.1	-9.4	8.1	3	J
8	603	5.8	34	J	13.9	38	246	-4.4	-9.6	8.8	2	J
9	592	6.0	46	J	14.6	56	242	-3.8	-6.3	12.4	3	J
10	587	8.4	48	J	14.5	63	254	-1.8	-5.1	13.3	2	J
11	496	0.0	0	H								
12	498	0.0	0	H								
13	498	0.0	0	H								
14	493	0.0	0	H								
15	532	0.0	0	H								
16	557	0.0	0	H								
17	545	5.9	37	J	8.0	-8	74	2.0	7.2	-0.3	3	J
18	539	10.0	60	J	6.0	-25	107	-1.3	4.5	-1.4	3	J
19	540	8.9	59	J	5.4	-80	29	0.6	1.2	-4.0	4	J
20	536	9.7	64	J	4.3	-37	70	1.1	3.6	-1.6	2	J
21	550	6.7	168	J	4.1	39	163	-2.5	0.1	2.3	2	J
22	580	3.3	111	J	3.6	-5	212	-1.3	-0.7	-0.4	3	J
23	569	3.0	79	J	4.4	-1	240	-1.8	-2.9	-1.1	2	J
24	563	8.9	62	J	3.5	13	207	-2.8	-1.6	0.2	2	J

VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
				JAN. 1, 1978							
367	10.9	45	J								
373	12.3	39	J	4.9	10	347	4.3	-1.2	0.5	2	J
356	11.3	43	J	5.0	20	332	3.7	-2.3	1.1	2	J
364	15.4	42	J	4.6	-17	285	0.9	-3.0	-1.5	3	J
374	14.4	39	J	5.9	20	339	4.5	-1.9	1.6	3	J
390	16.2	47	J	4.8	-15	244	-1.5	-3.1	-1.0	3	J
394	9.7	37	J	7.7	-2	277	0.8	-6.3	-0.1	4	J
411	7.4	65	J	7.7	0	288	2.3	-7.0	0.5	3	J
407	8.5	57	J	6.2	1	296	3.5	-7.0	0.9	2	J
409	7.7	66	J	7.3	20	317	4.8	-4.1	3.0	2	J
406	8.2	43	J	6.9	5	309	4.3	-5.1	1.3	1	J
401	9.4	54	J	5.8	6	306	3.3	-4.4	1.1	2	J
				5.7	40	307	2.4	-2.8	3.6	2	J
				4.3	84	161	-0.3	0.4	3.5	3	J
							3.3	-16	276	0.3	-2.4	-1.3	2	J
360	21.5	22	J	4.9	-39	226	-2.5	-1.8	-3.5	2	J
				5.3	-54	228	-1.8	-2.9	-4.1	3	J
369	15.1	29	J	6.9	-25	296	2.4	-4.0	-3.9	4	J
373	10.7	43	J	8.5	3	305	4.7	-6.5	-1.6	2	J
				JAN. 3, 1978							3
392	7.9	65	J	3.7	40	315	1.6	-2.1	1.4	2	J
392	7.9	71	J	2.8	-30	333	1.9	-0.6	-1.5	1	J
390	8.1	73	J	2.3	-54	28	0.5	0.4	-0.7	2	J
392	7.8	65	J	3.0	55	351	1.4	-0.6	2.0	2	J
392	7.3	66	J	3.7	39	17	2.2	0.5	1.9	2	J
392	6.9	64	J	3.8	26	309	1.9	-2.4	1.3	2	J
382	6.5	64	J	4.2	30	358	3.4	-2.1	2.0	1	J
387	23.5	2414	J	3.9	31	332	2.7	-1.3	1.9	2	J
375	6.0	39	J	4.0	10	358	3.7	-0.1	3.7	1	J
374	6.1	28	J	4.0	5	351	3.8	-0.6	0.4	1	J
376	6.2	31	J	4.0	-4	345	3.8	-1.0	-0.1	1	J
375	6.2	31	J	3.9	-6	351	3.7	-0.6	-0.3	1	J
375	7.0	31	J	4.3	-8	342	4.0	-1.3	-0.5	1	J
373	7.6	27	J	5.0	-15	347	4.6	-1.1	-1.2	1	J
388	7.2	35	J	5.5	-38	342	3.9	-1.3	-3.2	2	J
375	7.6	32	J	5.4	-13	358	4.7	-0.1	-1.1	3	J
373	8.0	31	J	5.6	-14	354	5.3	-0.4	-1.4	1	J
373	8.0	31	J	5.6	-9	345	5.3	-1.3	-1.1	0	J
374	10.2	39	J	6.7	-9	333	5.8	-2.7	-1.6	1	J
376	11.4	35	J	6.8	-4	327	5.6	-3.4	-1.3	1	J
403	13.7	48	J	11.2	-34	294	3.0	-5.1	-6.6	10	J
524	30.0	273	J	15.0	4	284	2.7	-10.5	-2.4	11	J
523	27.5	207	J	14.1	40	317	4.1	-5.1	3.3	12	J
520	18.4	376	J	12.6	-4	294	3.3	-6.8	-2.8	10	J
				JAN. 5, 1978							5
589	3.7	59	J	14.2	-11	311	9.1	-9.5	-5.1	1	J
				14.3	-20	320	10.1	-7.5	-6.3	2	J
501	4.4	27	J	16.0	3	331	13.8	-7.5	1.6	2	J
500	3.4	33	J	15.9	4	324	12.7	-9.0	2.1	3	J
502	4.1	33	J	15.8	16	327	12.3	-7.5	4.9	4	J
489	4.4	28	J	15.5	19	336	12.4	-5.2	5.1	6	J
471	4.3	37	J	14.9	15	341	13.2	-4.4	3.9	3	J
474	3.9	38	J	14.5	19	329	11.7	-7.0	4.7	2	J
464	3.6	39	J	14.2	15	327	11.4	-7.6	3.3	1	J
570	2.9	66	J	17.4	18	312	10.5	-12.1	3.9	6	J
506	2.9	66	J	20.6	31	326	14.1	-10.9	8.6	5	J
543	3.9	80	J	20.4	44	326	11.9	-10.6	11.9	4	J
573	4.7	94	J	18.8	52	306	5.8	-10.2	9.8	11	J
650	4.1	167	J	17.4	72	73	1.2	0.2	13.4	11	J
631	12.6	157	J	12.9	43	132	-2.3	1.5	3.9	12	J
608	9.7	129	J	13.5	84	313	0.9	-4.7	11.0	6	J
513	0.0	0	H	14.2	65	56	3.4	0.5	13.8	1	J
				JAN. 7, 1978							7
548	8.2	62	J	3.2	64	344	1.3	-1.2	2.5	1	J
546	10.2	61	J	2.9	73	303	0.4	-1.4	2.4	1	J
543	10.0	63	J	3.2	64	230	-0.8	-1.7	2.4	1	J
523	11.6	53	J	3.0	47	321	1.5	-1.6	1.8	1	J
518	5.0	73	J	5.1	31	167	-3.3	0.5	2.1	3	J
513	3.1	68	J	5.9	8	153	-5.2	2.6	1.0	1	J
507	3.2	50	J	5.7	-3	152	-5.0	2.7	-0.2	0	J
532	0.0	0	H	5.3	-9	150	-4.5	2.6	-0.9	0	J
524	0.0	0	H								
501	1.9	42	J	5.5	-8	167	-5.3	1.2	-0.9	1	J
502	1.8	39	J	5.3	-12	166	-5.0	1.2	-1.2	1	J
494	1.5	46	J	5.0	-8	164	-4.8	1.3	-0.8	0	J
494	1.6	54	J	4.9	-6	161	-4.6	1.6	-0.6	0	J
485	1.6	65	J	4.8	-8	161	-4.5	1.5	-0.7	0	J
472	0.0	0	H								
472	5.0	94	J	6.3	-21	169	-5.7	1.2	-2.1	1	J
448	10.7	28	J	5.5	16	353	4.7	-0.7	1.3	3	J
444	10.3	21	J	6.1	4	352	5.9	-0.9	0.3	1	J
438	10.3	27	J	5.3	10	355	5.2	-0.6	0.8	1	J
436	11.2	41	J	4.2	6	318	2.2	-2.0	-0.2	3	J
454	8.6	35	J	5.6	-12	136	-3.9	3.9	0.0	1	J
455	10.6	27	J	5.7	-19	145	-4.0	3.2	-0.7	2	J
458	15.0	28	J	4.7	-68	129	-0.4	1.1	-1.5	4	J
455	17.4	23	J	5.9	-47	115	-1.6	4.6	-2.7	2	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	454	16.6	21	J	5.3	-71	119	-0.8	2.9	-4.1	1	J
2	447	13.2	34	J	4.9	-57	350	2.5	0.8	-3.9	2	J
3	449	12.9	36	J	5.4	-34	350	4.2	0.0	-3.0	2	J
4	432	0.0	0	H								
5	440	18.5	36	J	4.9	53	301	1.5	-3.0	3.4	1	J
6	437	21.7	34	J	4.5	54	345	2.3	-0.9	3.3	2	J
7	433	20.9	21	J	5.4	76	20	1.2	3.3	5.0	2	J
8	433	30.9	25	J	4.6	74	92	-0.0	1.3	4.1	2	J
9	428	42.0	22	J	5.5	59	163	-2.6	1.0	4.5	2	J
10	430	39.3	25	J	6.9	25	140	-4.7	4.1	2.5	2	J
11	492	0.0	0	H								
12	431	0.0	0	H								
13												
14	496	0.0	0	H								
15	527	0.0	0	H								
16	554	0.0	0	H								
17	512	0.0	0	H								
18	518	0.0	0	H								
19	517	0.0	0	H								
20	513	0.0	0	H								
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	SG	IMF SC
1	439	0.0	0	H								
2	472	0.0	0	H								
3	486	0.0	0	H								
4	504	0.0	0	H								
5	505	0.0	0	H								
6	468	0.0	0	H								
7	441	0.0	0	H								
8												
9												
10												
11	457	0.0	0	H								
12												
13												
14	455	0.0	0	H								
15	465	0.0	0	H								
16	464	0.0	0	H								
17	537	0.0	0	H								
18	530	0.0	0	H								
19												
20												
21												
22												
23												
24	527	0.0	0	H								

JAN. 10, 1978 — 10

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	515	0.0	0	H								
2												
3												
4												
5	514	0.0	0	H								
6	512	0.0	0	H								
7	509	0.0	0	H								
8	530	0.0	0	H								
9	498	0.0	0	H								
10	491	0.0	0	H								
11	478	0.0	0	H								
12												
13												
14												
15												
16												
17												
18	470	0.0	0	H								
19	463	0.0	0	H								
20	472	0.0	0	H								
21	470	0.0	0	H								
22	458	0.0	0	H								
23	466	0.0	0	H								
24	458	0.0	0	H								

JAN. 11, 1978 — 11

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	452	0.0	0	H								
2	449	0.0	0	H								
3	483	0.0	0	H								
4												
5	454	0.0	0	H								
6	454	0.0	0	H								
7	458	0.0	0	H								
8	451	0.0	0	H								
9	445	0.0	0	H								
10	437	0.0	0	H								
11												
12												
13												
14												
15	399	0.0	0	H								
16	399	0.0	0	H								
17	420	0.0	0	H								
18	414	0.0	0	H								
19	421	0.0	0	H								
20	414	0.0	0	H								
21	408	0.0	0	H								
22	439	0.0	0	H								
23	430	0.0	0	H								
24	434	0.0	0	H								

JAN. 13, 1978 — 13

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	354	7.2	52	J	6.6	-43	81	0.7	4.6	-3.8	3	J
16	363	6.9	57	J	6.8	-14	72	1.9	6.1	-0.9	2	J
17	344	6.8	58	J	6.1	60	96	-0.2	1.6	4.2	4	J
18	372	6.9	59	J	6.1	12	53	2.7	3.3	1.7	4	J
19	364	6.5	75	J	5.4	-18	67	1.6	4.0	-0.3	3	J
20	351	7.3	62	J	5.1	-59	139	-0.8	3.4	-3.2	2	J
21					5.2	-70	233	-1.1	0.3	-5.1	1	J
22												
23					5.5	-47	105	-0.8	4.1	-2.0	3	J
24												

JAN. 14, 1978 — 14

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	338	8.4	48	J	5.9	-10	120	-2.8	4.9	0.8	2	J
2	326	7.9	42	J	5.9	-7	129	-3.6	4.4	0.8	1	J
3	333	7.4	44	J	5.8	0	127	-3.2	4.1	1.3	2	J
4					6.0	0	110	-1.9	5.2	1.3	2	J
5					6.1	11	104	-1.3	4.9	2.0	3	J
6					6.0	-5	75	1.4	5.4	0.2	2	J
7	340	6.6	33	J	5.8	-25	80	0.8	5.0	-1.9	2	J
8					5.6	-26	90	0.0	5.0	-2.3	1	J
9	326	6.2	23	J	5.0	-27	99	-0.6	4.0	-2.1	2	J
10	334	6.7	21	J	4.8	-4	90	0.0	4.2	-0.4	2	J
11	327	6.6	20	J	4.5	-18	103	-0.9	3.8	-1.4	2	J
12					4.1	-10	137	-2.8	2.6	-0.8	1	J
13	310	7.1	19	J	4.1	-1	115	-1.6	3.4	-0.1	2	J
14	306	7.2	22	J	3.8	-3	117	-1.7	3.3	-0.1	1	J
15	305	6.8	16	J	4.7	-5	120	-2.3	4.0	-0.2	1	J
16					4.9	-2	177	-3.6	0.2	-0.1	3	J
17	303	7.2	13	J	4.9	-6	123	-2.6	4.9	0.1	1	J
18												
19												
20												
21												
22												
23												
24												

JAN. 15, 1978 — 15

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2					4.4	-1	126	-2.5	3.2	1.1	2	J
3					4.6	-13	117	-1.9	3.9	0.2	1	J
4	301	8.7	14	J	4.2	-1	117	-1.9	3.6	0.9	1	J
5	307	11.6	16	J	3.0	-8	118	-1.3	2.5	0.1	1	J
6					2.3	31	277	0.2	-1.9	0.8	1	J
7					3.3	-9	282	0.6	-2.9	-0.7	1	J
8	301	10.3	14	J	3.3	4	279	0.4	-2.3	0.1	2	J
9	301	11.1	13	J	3.1	22	257	-0.6	-2.6	1.1	1	J
10					2.2	-10	336	2.0	-0.9	-0.4	0	J
11					4.8	-64	355	1.8	-0.3	-3.8	2	J
12					4.7	-38	314	2.3	-2.4	-2.5	2	J
13					4.7	4	293	1.8	-4.1	0.3	1	J
14					5.2	-12	273	0.2	-3.6	-0.9	4	J
15					5.1	6	305	2.8	-4.0	0.2	1	J
16	291	8.5	17	J	5.3	21	277	0.6	-5.0	1.3	1	J
17	283	7.8	17	J	5.0	36	292	1.5	-4.1	2.2	1	J
18	283	7.4	18	J	5.1	34	292	1.5	-4.3	1.8	1	J
19												
20					4.9	64	311	1.2	-2.4	3.1	3	J
21					5.2	36	298	2.0	-4.5	1.6	1	J
22	274	5.8	13	J	5.5	40	323	3.3	-3.6	2.3	1	J
23					5.4	39	317	3.1	-4.0	2.0	1	J
24												

JAN. 16, 1978 — 16

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2					2.3	19	41	1.4	0.9	1.0	1	J
3					2.8	53	35	1.3	0.2	2.3	1	J
4	297	15.5	26	J	3.7	-3	98	-0.5	3.6	0.8	1	J
5	295	17.3	24	J	3.3	-42	45	1.6	2.0	-1.6	1	J
6	297	20.9	19	J	3.3	-22	10	2.9	0.7	-1.1	1	J
7	304	27.1	21	J	4.4	19	340	3.7	-1.5	1.2	1	J
8	304	25.1	22	J	4.7	43	335	3.0	-1.5	3.1	1	J
9	318	28.5	24	J	4.7	21	130	-2.4	2.9	1.4	3	J
10					7.6	26	136	-4.7	4.6	3.1	3	J
11					8.4	54	139	-3.4	3.1	6.2	3	J
12	329	22.6	33	J	7.5	21	125	-1.1	1.5	0.7	7	J
13	322	32.6	18	J	7.5	-83	260	-0.2	-0.9	-7.4	1	J
14												
15												
16	335	27.0	12	J	10.0	-62	119	-2.3	5.2	-8.3	1	J
17	331	22.0	13	J	10.3	-61	116	-2.2	5.9	-8.0	1	J
18					10.0	-44	105	-1.8	8.2	-5.1	2	J
19												
20												
21	327	21.5	25	J	9.8	-31	97	-1.0	9.4	-2.1	2	J
22	326	22.0	26	J	9.8	-5	97	-1.2	9.1	2.5	2	J
23	324	23.5	30	J	9.0	-37	126	-3.8	6.7	-2.5	4	J
24	321	18.6	23	J	9.6	-49	143	-5.0	6.3	-5.1	1	J
	321	17.6	22	J	10.1	-39	126	-4.4	8.0	-3.2	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 17, 1978							17
1	318	18.8	22	J	10.4	-17	120	-4.7	8.7	0.5	3	J
2	327	27.8	13	J	10.9	-23	120	-4.6	8.9	-0.8	4	J
3	335	31.1	11	J								
4	330	29.3	14	J	13.1	-18	118	-5.6	11.2	-0.9	3	J
5	316	25.2	15	J	12.9	20	96	-1.3	10.8	6.9	1	J
6	321	25.2	18	J	13.0	30	82	1.5	9.9	8.0	2	J
7					10.4	43	44	5.0	4.2	6.9	4	J
8	328	23.0	22	J	11.1	44	29	6.7	3.4	7.6	3	J
9	331	26.2	27	J	10.6	42	37	6.2	4.6	7.0	2	J
10	335	18.0	29	J	11.1	47	35	6.1	4.4	8.0	2	J
11	321	23.8	34	J	11.0	43	30	6.8	4.0	7.2	3	J
12	332	15.6	26	J	11.9	32	57	5.4	8.3	6.1	2	J
13	341	12.5	36	J	11.6	28	63	4.3	8.5	5.1	4	J
14	328	17.5	23	J	11.4	12	60	5.4	9.2	2.7	3	J
15	323	14.5	23	J	11.7	15	69	4.1	10.3	3.9	1	J
16	319	13.2	22	J	11.6	15	77	2.5	10.4	4.4	0	J
17	316	10.8	19	J	11.3	-9	69	3.9	10.4	0.1	2	J
18	310	11.5	20	J	11.1	-8	85	0.9	10.9	1.0	1	J
19	367	7.3	23	J	10.7	-14	82	1.4	10.2	0.4	2	J
20	303	15.2	23	J	10.3	-13	88	0.3	9.8	1.0	3	J
21	307	14.6	25	J	11.5	0	88	0.4	10.4	4.0	3	J
22	311	19.5	20	J	11.4	-19	94	-0.7	10.9	0.7	3	J
23	311	19.3	16	J	12.2	-34	111	-3.6	11.4	-2.5	1	J
24	309	26.3	12	J	11.4	-50	119	-3.5	9.2	-5.3	2	J
					JAN. 18, 1978							18
1	308	24.9	13	J	11.6	-41	117	-3.8	9.8	-3.8	2	J
2	308	22.4	16	J	11.2	-40	115	-3.6	9.8	-3.8	1	J
3	309	27.8	23	J	10.9	-49	130	-4.4	7.6	-5.8	3	J
4	313	24.4	27	J	10.9	-66	178	-3.7	2.4	-7.9	6	J
5	318	17.6	40	J	10.9	-64	206	-3.7	0.1	-8.6	6	J
6	318	12.2	60	J	10.4	-45	267	-0.3	-5.4	-7.5	5	J
7	308	13.4	54	J	8.5	-60	254	-1.1	-3.2	-7.4	3	J
8	309	12.7	40	J	9.2	-58	248	-1.8	-4.0	-7.8	2	J
9	319	14.6	35	J	7.7	-13	233	-4.4	-5.8	-1.8	2	J
10	318	13.3	34	J	7.8	-51	204	-4.4	-2.0	-6.0	2	J
11	317	13.7	42	J	6.6	-47	237	-2.3	-3.7	-4.6	2	J
12	314	13.3	40	J	6.0	-52	217	-2.7	-2.1	-4.3	2	J
13	285	0.0	0	H								
14	281	0.0	0	H								
15	307	12.7	38	J	5.1	11	315	2.9	-3.0	0.5	3	J
16	317	11.9	83	J	5.1	12	339	4.5	-1.6	0.8	1	J
17	307	14.0	46	J	4.6	19	329	3.6	-2.4	1.0	1	J
18	314	12.5	54	J	5.1	1	340	4.6	-1.6	-0.3	2	J
19	319	10.3	53	J	4.4	-11	353	4.0	-0.2	-0.9	1	J
20	318	10.4	53	J	3.9	1	347	3.5	-0.8	-0.2	1	J
21	339	15.7	47	J	5.4	15	342	5.0	-2.0	0.7	1	J
22	338	20.6	31	J	2.5	46	76	0.4	0.8	2.1	1	J
23	335	18.0	36	J	3.6	23	334	2.7	-1.7	0.6	2	J
24	335	17.3	39	J	4.4	-10	349	3.9	-0.4	-0.9	2	J
					JAN. 19, 1978							19
1	336	20.5	25	J	3.2	-54	17	1.4	1.2	-1.7	2	J
2	331	17.2	27	J	5.8	-50	19	3.3	2.6	-3.5	2	J
3	330	16.2	28	J	7.4	-13	330	6.0	-2.7	-2.7	2	J
4	329	16.9	29	J	6.7	14	321	5.0	-4.3	0.4	1	J
5	324	19.2	24	J	5.7	37	328	3.7	-3.0	2.7	2	J
6	314	21.4	28	J	4.3	5	312	2.6	-2.9	-0.1	2	J
7	321	23.4	23	J	4.5	18	310	2.6	-3.3	1.0	1	J
8	323	18.3	18	J	7.6	-46	130	-2.8	3.6	-4.3	4	J
9	316	12.6	21	J	9.1	-25	119	-4.0	7.2	-3.6	1	J
10	318	10.6	19	J	9.2	-32	125	-4.4	6.3	-4.8	1	J
11	318	0.0	0	H								
12	284	0.0	0	H								
13	336	8.4	19	J	8.4	-20	83	0.9	7.7	-2.6	2	J
14	334	11.2	20	J	8.0	-41	75	1.4	5.6	-4.5	3	J
15	339	11.0	23	J	7.6	-77	14	1.6	1.1	-7.2	1	J
16	340	7.2	25	J	8.2	-7	60	3.8	6.7	0.0	3	J
17	341	7.8	24	J	8.7	-8	54	5.0	7.0	0.1	1	J
18	329	11.0	49	J	7.5	-25	51	4.1	5.7	-1.7	2	J
19	326	9.1	23	J	7.7	0	62	3.5	6.3	1.9	2	J
20	335	7.9	21	J	7.7	-20	94	-0.5	7.5	-0.1	2	J
21	297	7.6	28	J	7.4	-25	97	-0.8	7.2	-0.2	2	J
22	298	8.3	34	J	6.7	-37	115	-2.2	6.0	-1.8	1	J
23	291	8.5	50	J	6.4	-34	122	-2.7	5.4	-1.4	2	J
24	299	8.8	22	J	7.0	-17	88	0.2	6.3	0.8	3	J
					JAN. 20, 1978							20
1	315	11.2	34	J	5.7	25	42	3.6	2.1	3.4	2	J
2	312	11.0	48	J	5.5	30	20	4.2	0.4	2.9	2	J
3	307	12.6	66	J	5.1	18	347	4.4	-1.5	1.1	2	J
4	304	11.3	49	J	4.9	6	333	4.2	-2.2	-0.1	1	J
5	301	10.7	44	J	5.3	-13	344	4.8	-1.1	-1.4	1	J
6	309	12.0	45	J	4.8	-48	329	2.6	-1.0	-3.6	2	J
7	310	11.4	31	J	4.8	-39	294	1.2	-2.5	-2.8	3	J
8	314	12.0	27	J	4.9	-38	253	-1.1	-3.3	-3.1	2	J
9	312	12.0	32	J	5.6	-24	291	1.4	-3.6	-1.9	3	J
10	308	12.0	36	J	5.9	28	320	3.7	-3.1	2.5	2	J
11	309	12.0	40	J	5.3	36	326	3.2	-2.0	2.7	3	J
12	310	12.1	50	J	3.8	15	4	3.2	0.2	0.9	2	J
13	317	12.1	36	J	3.4	-23	297	0.8	-1.6	-0.8	3	J
14	317	11.9	32	J	4.5	4	282	0.7	-3.1	0.0	3	J
15	309	0.0	0	H								
16	306	0.0	0	H								
17	305	0.0	0	H								
18	305	0.0	0	H								
19	305	0.0	0	H								
20												
21												
22												
23												
24												
					JAN. 21, 1978							21
1												
2	296	0.0	0	H								
3												
4	286	0.0	0	H								
5	282	0.0	0	H								
6												
7												
8												
9												
10												
11												
12												
13	275	0.0	0	H								
14	273	0.0	0	H								
15	274	0.0	0	H								
16	276	0.0	0	H								
17	273	0.0	0	H								
18	271	0.0	0	H								
19	267	0.0	0	H								
20	267	0.0	0	H								
21	266	0.0	0	H								
22	268	0.0	0	H								
23	273	0.0	0	H								
24	276	0.0	0	H								
					JAN. 22, 1978							22
1												
2	280	0.0	0	H								
3	278	0.0	0	H								
4	294	0.0	0	H								
5	295	0.0	0	H								
6	293	0.0	0	H								
7	286	0.0	0	H								
8	285	0.0	0	H								
9	281	0.0	0	H								
10	278	0.0	0	H								
11	275	0.0	0	H								
12	280	0.0	0	H								
13	282	0.0	0	H								
14												
15	295	0.0	0	H								
16	285	0.0	0	H								
17	281	0.0	0	H								
18	291	0.0	0	H								
19												
20	280	0.0	0	H								
21	277	0.0	0	H								
22	275	0.0	0	H								
23	281	0.0	0	H								
24	275	0.0	0	H								
					JAN. 23, 1978							23
1	274	0.0	0	H								
2	272	0.0	0	H								
3												
4												
5	278	0.0	0	H								
6	275	0.0	0	H								
7	272	0.0	0	H								
8	274	0.0	0	H								
9	270	0.0	0	H								
10	269	0.0	0	H								
11	267	0.0	0	H								
12	266	0.0	0	H								
13	266	0.0	0	H								
14	253	0.0	0	H								
15	251	0.0	0	H								
16	249	0.0	0	H								
17	262	0.0	0	H								
18	268	0.0	0	H								
19	254	0.0	0	H								
20	267	0.0	0	H								
21	269	0.0	0	H								
22	273	0.0	0	H								
23	274	0.0	0	H								
24	273	0.0	0	H								
					JAN. 24, 1978							24
1	274	0.0	0	H								
2	274	0.0	0	H								
3	275	0.0	0	H								
4	272	0.0	0	H								
5	273	0.0	0	H								
6	273	0.0	0	H								
7	281	0.0	0	H								
8	287	0.0	0	H								
9	300	0.0	0	H								
10	291	0.0	0	H								
11	286	0.0	0	H								
12	281	0.0	0	H								
13	284	0.0	0	H								
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

01/26/78 - 02/02/78

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 26, 1978							26
1												
2												
3												
4												
5												
6												
7					5.5	24	5	3.2	0.1	1.4	4	J
8	505	6.9	90	J	6.3	26	20	4.7	2.0	2.8	2	J
9	496	6.3	95	J	6.1	1	2	6.0	0.2	0.1	1	J
10	487	5.8	112	J	5.6	8	349	5.1	-1.0	0.7	1	J
11	496	6.3	131	J	5.5	3	284	1.2	-4.9	0.1	2	J
12	482	6.6	152	J	4.9	3	339	2.6	-1.1	-0.1	4	J
13	459	6.9	119	J	5.3	5	353	4.8	-0.6	0.4	2	J
14	485	6.0	140	J	5.3	20	332	3.8	-2.2	1.4	3	J
15	499	5.9	151	J	4.3	10	281	0.7	-3.5	0.1	2	J
16	497	6.7	169	J	3.7	38	257	-0.6	-2.8	1.5	2	J
17	474	5.6	128	J	6.3	25	292	1.7	-4.7	1.1	4	J
18	455	5.2	116	J	6.4	33	311	3.4	-4.6	2.1	2	J
19	465	6.4	94	J	5.1	40	281	0.7	-4.1	1.6	2	J
20	434	6.9	100	J	5.9	41	345	4.0	-2.3	2.9	2	J
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 27, 1978							27
1					2.2	39	243	-0.6	-1.5	0.4	2	J
2					4.6	40	287	3.9	-3.7	1.1	2	J
3					4.5	9	289	1.3	-3.8	-0.8	2	J
4					4.7	17	281	0.8	-4.2	-0.1	2	J
5					3.9	-3	215	-3.0	-2.0	-0.8	1	J
6					3.9	-10	227	-2.4	-2.3	-1.1	2	J
7					3.6	8	274	0.1	-1.7	-3.0	3	J
8												
9												
10												
11												
12	409	3.4	42	J	2.0	12	242	-0.9	-1.7	0.3	1	J
13	400	3.2	39	J	1.9	23	250	-0.4	-1.2	0.5	1	J
14	398	3.0	40	J	2.0	37	237	-0.7	-1.2	0.8	1	J
15	383	3.3	36	J	2.1	13	223	-1.4	-1.3	0.2	1	J
16	386	3.0	29	J	2.1	0	222	-1.5	-1.3	-0.3	1	J
17	383	2.9	29	J	2.2	1	211	-1.8	-1.1	-0.2	1	J
18	379	3.3	44	J	1.8	-1	226	-1.2	-1.2	-0.4	1	J
19					1.8	-14	324	1.3	-0.8	-0.7	1	J
20					2.1	-8	312	1.4	-1.3	-0.9	0	J
21					2.1	-6	301	1.0	-1.5	-0.9	1	J
22	359	4.5	26	J	2.6	-9	272	0.1	-1.9	-1.3	1	J
23	362	4.3	24	J	2.5	-13	270	0.0	-1.6	-1.3	1	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 28, 1978							28
1												
2												
3	367	4.5	28	J	3.9	44	2	2.7	-0.9	2.5	1	J
4	366	5.3	27	J	3.7	41	326	2.1	-2.0	1.6	2	J
5	354	5.7	28	J	3.8	2	278	0.5	-3.5	-0.9	1	J
6	351	5.9	30	J	3.6	-14	242	-1.4	-2.4	-1.3	2	J
7	348	5.6	26	J	3.3	-17	244	-1.3	-2.4	-1.3	1	J
8	351	5.4	31	J	3.6	-47	236	-1.2	-1.5	-2.5	2	J
9	351	5.5	26	J	2.9	-60	163	-1.3	0.6	-2.4	1	J
10	347	5.1	30	J	2.7	-5	273	0.1	-2.0	-0.3	2	J
11	346	5.9	25	J	2.5	-15	278	0.3	-2.2	-0.7	1	J
12	349	9.4	32	J	3.4	4	291	1.1	-3.0	0.0	1	J
13	356	12.6	29	J	3.2	4	306	1.6	-2.5	0.0	1	J
14	361	15.2	20	J	3.0	8	303	1.6	-2.4	0.1	1	J
15	362	19.8	22	J	3.0	-12	296	1.1	-2.2	-0.9	2	J
16	355	22.8	21	J	4.5	-28	268	-0.1	-2.5	-2.0	3	J
17	357	27.4	20	J	4.5	-41	124	-1.5	2.8	-1.7	3	J
18	355	22.7	22	J	5.7	-22	237	-2.8	-3.5	-3.3	1	J
19	353	26.7	29	J	5.2	-24	250	-1.3	-2.8	-2.8	3	J
20	381	46.0	62	J	9.4	9	296	1.9	-3.8	-0.8	9	J
21	390	47.1	74	J	13.0	15	75	2.6	7.6	6.4	9	J
22	417	26.9	88	J	16.5	-31	125	-3.7	6.4	-1.1	14	J
23	429	29.2	270	J	9.9	46	328	4.6	-5.1	3.7	6	J
24	432	26.7	341	J	10.1	27	4	8.1	-1.4	3.9	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 29, 1978							29
1												
2												
3					11.5	23	340	8.9	-4.5	2.5	6	J
4	497	9.2	100	J	10.9	30	353	9.2	-2.9	4.8	2	J
5	554	8.8	165	J	9.0	-36	291	2.1	-4.1	-5.7	5	J
6	572	8.9	209	J	7.4	-28	219	-4.0	-2.5	-3.4	5	J
7	554	8.9	185	J	5.3	-37	200	-2.8	-0.6	-2.4	4	J
8	549	11.1	146	J	5.0	14	246	-1.4	-3.2	0.4	4	J
9	552	13.6	128	J	7.7	-13	225	-3.9	-3.8	-1.6	5	J
10	552	14.1	115	J	9.7	2	265	-0.6	-6.7	-3.2	7	J
11	553	17.9	110	J	10.7	-22	265	-0.7	-8.3	-3.9	6	J
12	535	16.3	110	J	12.8	15	297	2.6	-5.2	1.2	12	J
13	503	2.6	40	J	17.6	-44	160	-11.4	5.1	-11.3	5	J
14	512	3.3	54	J	18.1	-45	171	-12.4	3.4	-12.3	4	J
15	503	6.3	45	J	17.7	-37	162	-13.2	5.6	-9.7	3	J
16	442	14.6	87	J	14.8	13	80	1.2	6.4	2.9	13	J
17	457	8.4	72	J	16.9	-47	141	-7.7	8.7	-8.7	9	J
18	400	16.8	67	J	16.6	55	46	5.0	2.1	11.7	11	J
19	453	11.3	48	J	17.4	34	95	-1.1	9.1	12.7	8	J
20	463	9.0	37	J	17.7	30	104	-3.6	9.9	13.4	5	J
21					18.8	35	96	-1.6	9.3	16.2	4	J
22	529	13.0	81	J	24.0	26	104	-5.2	13.8	18.5	4	J
23	526	12.5	135	J	24.5	19	109	-7.2	15.0	16.3	7	J
24	510	8.0	126	J	25.8	42	91	-0.3	9.9	24.1	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 30, 1978							30
1					28.6	46	100	-3.4	8.1	26.8	5	J
2	525	16.5	224	J	21.9	49	336	12.3	-11.6	11.7	7	J
3	523	16.2	142	J	22.3	45	348	14.5	-8.6	12.4	8	J
4	549	17.9	327	J	13.6	34	336	9.8	-6.6	5.3	4	J
5	592	12.5	307	J	16.2	6	298	7.1	-13.3	-2.4	5	J
6												
7												
8	628	14.7	91	J	9.3	-71	150	-2.0	2.0	-6.4	7	J
9	636	17.4	76	J	9.9	-27	357	8.5	-0.0	-4.4	2	J
10	624	17.1	86	J	10.9	-44	20	7.2	3.1	-7.2	2	J
11	608	18.7	111	J	9.8	-29	27	6.9	3.8	-4.1	4	J
12	614	14.4	85	J	12.4	9	21	11.0	4.1	2.2	3	J
13	607	7.9	41	J	13.4	24	18	11.6	3.3	5.7	2	J
14					12.9	22	21	11.0	3.6	5.2	2	J
15					12.0	20	23	10.4	3.7	4.7	1	J
16	594	5.4	33	J	10.8	13	29	9.2	4.5	3.4	1	J
17	588	5.0	46	J	10.2	30	17	8.4	1.2	5.5	2	J
18	584	4.6	50	J	10.0	24	16	8.7	1.2	4.6	1	J
19	582	4.4	52	J	9.6	8	27	8.1	3.4	2.7	3	J
20	571	5.3	64	J	8.8	7	18	8.0	2.0	2.0	2	J
21	564	5.7	56	J	8.6	-3	17	8.0	2.4	0.6	2	J
22	554	9.7	40	J	8.5	4	7	7.9	0.6	0.9	3	J
23	553	7.0	39	J	8.0	0	342	7.2	-2.1	-1.1	2	J
24	549	7.3	39	J	8.5	-2	331	7.1	-3.3	-2.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JAN. 31, 1978							31
1												
2	495	0.0	0	H								
3	496	0.0	0	H								
4	529	4.0	46	J	8.0	13	327	6.4	-4.5	3.2	1	J
5	517	4.3	57	J	7.9	14	333	6.7	-3.8	0.8	1	J
6	517	5.6	52	J	7.5	-21	327	5.3	-2.8	-3.2	3	J
7	497	6.1	28	J	7.6	-4	324	6.1	-4.3	-1.3	1	J
8	498	6.6	29	J	8.1	1	322	5.8	-4.5	-0.5	3	J
9	502	7.2	34	J	7.6	-29	294	2.5	-5.2	-3.9	3	J
10	491	5.6	51	J	7.4	3	324	5.7	-4.1	0.0	2	J
11	489	6.4	49	J	7.1	-20	315	4.7	-4.5	-2.7	1	J
12	441	0.0	0	H								
13												
14	447	0.0	0	H								
15	512	0.0	0	H								
16	513	0.0	0	H								
17	519	0.0	0	H								
18	571	0.0	0	H								
19	468	4.4	42	J	6.7	-33	297	2.3	-3.1	-4.7	3	J
20	493	4.3	44	J	6.6	-26	288	1.8	-3.9	-4.7	2	J
21	462	4.4	43	J	6.4	-23	295	2.5	-3.7	-4.6	1	J
22	460	3.2	36	J	6.5	24	339	5.5	-3.1	1.4	1	J
23	473	6.2	104	J	5.4	-7	329	4.3	-2.0	-1.8	2	J
24	495	5.5	74	J	4.5	-57	233	-1.0	0.0	-2.9	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 1, 1978							32
1	481	5.6	70	J	4.4	-38	253	-0.7	-1.2	-2.7	3	J
2	469	5.5	59	J	4.3	-15	297	1.4	-2.2	-2.0	3	J
3	485	4.9	63	J	4.5	-22	249	-1.4	-2.6	-2.8	2	J
4	462	0.0	0	H								
5	465	0.0	0	H								
6	460	0.0	0	H								
7	461	0.0	0	H								
8	459	0.0	0	H								
9	455	0.0	0	H								
10	443	0.0	0	H								
11	444	0.0	0	H								
12	449	8.3	72	J	4.4	20	301	2.1	-3.6	1.2	1	J
13	451	8.3	70	J	4.7	22	297	1.9	-3.9	1.3	1	J
14	458	9.4	66	J	4.6	-50	266	-0.1	-1.8	-2.8	3	J
15	453	0.0	0	H								
16	454	0.0	0	H								
17	420	11.2	105	J	5.8	14	358	5.4	-0.5	1.3	1	J
18	421	11.0	99	J	5.4	29	15	4.4	0.3	2.8	1	J
19	419	10.3	73	J	5.7	6	31	2.8	1.5	0.9	4	J
20	427	9.6	70	J	6.0	34	30	4.1	0.9	3.9	2	J
21	438	8.4	91	J	5.9	52	2	3.1	-1.7	3.7	3	J
22	462	5.8	115	J	5.6	8	309	3.2	-3.9	-1.2	2	J
23	463	0.0	0	H								
24	472	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 2, 1978							33
1	472	0.0	0	H								
2												
3	463	0.0	0	H								
4	478	0.0	0	H								
5												
6												
7												
8												
9												
10	481	0.0	0	H								
11												
12	470	0.0	0	H								
13	466	0.0	0	H								
14	498	0.0	0	H								
15	503	0.0	0	H								
16	506	0.0	0	H								
17	507	0.0	0	H								
18	509	0.0	0	H								
19	501	0.0	0	H								
20	505	0.0	0	H								
21	513	0.0	0	H								
22	508	0.0	0	H								
23	510	0.0	0	H								
24	504	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					FEB. 3, 1978							34
1												
2												
3	501	0.0	0	H								
4												
5	491	0.0	0	H								
6	498	0.0	0	H								
7												
8												
9	472	0.0	0	H								
10	460	0.0	0	H								
11	468	0.0	0	H								
12	483	0.0	0	H								
13	461	0.0	0	H								
14	449	0.0	0	H								
15	460	0.0	0	H								
16	460	0.0	0	H								
17	468	0.0	0	H								
18	463	0.0	0	H								
19	462	0.0	0	H								
20	465	0.0	0	H								
21	459	0.0	0	H								
22	461	0.0	0	H								
23	463	0.0	0	H								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					FEB. 4, 1978							35
1												
2												
3												
4	432	0.0	0	H								
5	434	0.0	0	H								
6	418	0.0	0	H								
7												
8												
9												
10												
11	444	0.0	0	H								
12	442	0.0	0	H								
13												
14	436	0.0	0	H								
15	429	0.0	0	H								
16	420	0.0	0	H								
17	419	0.0	0	H								
18	421	0.0	0	H								
19	414	0.0	0	H								
20	411	0.0	0	H								
21	408	0.0	0	H								
22	424	0.0	0	H								
23	419	0.0	0	H								
24	408	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					FEB. 5, 1978							36
1	388	0.0	0	H								
2	397	0.0	0	H								
3												
4												
5												
6												
7												
8												
9	408	0.0	0	H								
10	404	0.0	0	H								
11	411	0.0	0	H								
12	409	0.0	0	H								
13	406	0.0	0	H								
14	391	0.0	0	H								
15												
16												
17	400	0.0	0	H								
18	391	0.0	0	H								
19	366	0.0	0	H								
20	382	0.0	0	H								
21	380	0.0	0	H								
22	374	0.0	0	H								
23	375	0.0	0	H								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					FEB. 7, 1978							38
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	389	10.6	37	J	12.3	35	318	7.0	-7.0	5.9	3	J
13	390	11.1	30	J	11.7	39	324	7.2	-6.1	6.5	1	J
14	391	10.7	40	J	11.9	36	324	7.5	-6.4	5.8	3	J
15	390	9.3	32	J	12.2	25	328	9.1	-6.6	3.8	1	J
16	385	8.8	31	J	12.3	21	323	8.9	-7.5	2.5	2	J
17	373	7.9	34	J	13.7	10	306	7.3	-10.2	-0.8	4	J
18	371	9.6	24	J	13.3	4	303	6.8	-10.1	-2.7	4	J
19	376	10.5	31	J								
20	372	12.1	31	J								
21	370	14.2	28	J	9.3	23	299	3.8	-7.6	-0.2	4	J
22	360	11.3	33	J	10.0	15	292	3.3	-8.4	-1.9	3	J
23	366	14.0	25	J	8.6	52	309	3.0	-6.3	3.5	3	J
24	371	12.7	19	J	8.7	59	337	4.1	-5.2	5.5	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					FEB. 8, 1978							39
1												
2												
3												
4												
5												
6												
7												
8	339	10.2	28	J	8.8	-28	336	6.8	-2.3	-4.4	2	J
9	351	11.8	57	J	8.1	-37	330	5.3	-2.4	-5.0	2	J
10	354	16.5	78	J	7.4	-18	351	6.8	-0.8	-2.3	1	J
11	349	10.8	53	J	8.8	-6	324	6.6	-4.7	-1.4	3	J
12	347	14.0	52	J	8.1	-27	349	5.9	-0.6	-3.2	4	J
13	348	13.7	52	J	7.3	1	328	5.9	-3.6	-0.4	2	J
14	348	12.2	51	J	7.5	-33	343	5.7	-1.1	-4.1	2	J
15	351	11.6	56	J	7.3	-33	332	5.3	-2.0	-4.4	2	J
16	351	13.3	53	J	7.0	-32	336	5.3	-1.4	-4.1	1	J
17	349	13.6	44	J	7.0	-38	344	5.2	-0.2	-4.5	1	J
18	349	13.4	42	J	7.3	-33	345	5.8	0.1	-4.7	0	J
19												
20	330	12.8	27	J	6.9	-26	16	5.9	2.8	-2.0	1	J
21	404	7.0	47	J	6.2	-30	15	5.1	2.6	-2.1	1	J
22	328	13.0	32	J	5.2	-31	10	4.4	2.0	-2.0	1	J
23	327	13.3	27	J	5.4	-44	11	3.8	2.5	-2.9	1	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					FEB. 9, 1978							40
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	332	10.7	16	J	10.2	-61	1	4.9	1.4	-8.7	1	J
16	333	10.4	16	J	10.4	-63	16	4.4	2.4	-8.8	2	J
17	334	11.8	16	J	10.1	-63	355	4.5	0.6	-8.8	2	J
18					9.5	-67	5	3.6	1.4	-8.5	2	J
19					10.5	-57	30	5.0	4.1	-8.3	1	J
20	347	16.2	18	J	9.6	-45	39	5.2	5.3	-5.9	2	J
21	343	16.3	19	J	9.7	-25	52	5.2	7.4	-2.5	2	J
22	336	16.2	14	J	9.9	-26	70	3.0	9.0	-2.1	2	J
23	337	20.8	19	J	8.3	-39	77	1.3	6.7	-2.8	4	J
24	338	24.4	24	J	6.7	-68	84	0.3	4.3	-4.7	2	J
	337	23.4	14	J	8.8	-55	91	-0.1	7.4	-4.6	2	J
					9.7	-56	101	-1.0	8.2	-4.9	1	J
					9.6	-54	158	-5.1	5.4	-5.7	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					FEB. 10, 1978							41
1												
2	320	20.0	27	J	8.9	19	89	0.1	6.0	6.5	1	J
3	324	26.1	18	J	8.6	25	93	-0.4	5.3	6.6	1	J
4	320	32.5	17	J	6.6	10	67	2.2	4.4	2.9	3	J
5	316	31.0	16	J	7.8	15	80	1.3	6.1	4.3	2	J
6	318	32.0	16	J	8.4	12	89	0.1	6.8	3.7	3	J
7	316	34.0	15	J	7.8	8	84	0.8	7.0	2.8	2	J
8	315	30.7	15	J	7.9	8	75	2.0	7.0	2.4	2	J
9	312	30.8	14	J	7.4	13	85	0.6	6.6	2.6	2	J
10	309	34.7	13	J	6.8	24	85	0.5	5.7	3.5	1	J
11	308	34.7	14	J	6.2	33	93	-0.3	4.7	3.9	1	J
12	320	22.7	19	J	8.2	1	113	-3.1	7.2	1.1	2	J
13	308	24.3	22	J	6.7	76	60	0.6	0.4	5.2	4	J
14	336	25.9	16	J	6.5	75	162	-1.5	-0.5	5.8	3	J
15	329	32.9	23	J	4.8	14	154	-4.1	1.7	1.5	1	J
16	329	30.7	24	J	5.1	28	170	-4.1	0.1	2.3	2	J
17	320	24.3	19	J	4.7	43	136	-1.4	0.7	2.2	4	J
18	316	23.2	23	J	5.0	-67	42	1.4	2.8	-3.8	1	J
19	336	18.8	15	J	7.5	-17	117	-3.0	6.1	0.5	3	J
20	336	19.1	18	J	7.7	-5	121	-3.8	6.0	2.2	1	J
21	342	14.6	19	J	9.0	-13	115	-3.7	8.0	2.0	1	J
22	342	14.5	19	J	8.9	1	119	-4.2	6.5	3.9	2	J
23	348	10.8	15	J	9.3	-2	113	-3.6	7.5	4.0	1	J
24	354	12.6	22	J	8.9	-13	122	-4.5	7.2	2.0	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF
					FEB. 11, 1978							42
1												
2	347	13.0	15	J	8.1	5	106	-2.1	6.2	4.1	2	J
3					8.4	7	109	-2.7	6.5	4.3	1	J
4	343	13.5	42	J	8.3	13	110	-2.7	6.1	4.6	2	J
5	330	17.9	18	J	8.4	20	112	-2.8	5.6	5.0	3	J
6	357	22.9	19	J	7.2	-26	152	-5.6	3.8	-2.1	1	J
7	350	21.3	18	J	7.8	-24	137	-5.0	5.3	-1.8	1	J
8	346	20.4	15	J	7.5	-17	130	-4.6	5.8	-1.1	1	J
9	338	19.5	17	J	7.5	-13	115	-2.9	6.4	-0.6	2	J
10	337	19.3	19	J	6.5	-14	113	-2.5	6.0	-0.8	1	J
11	336	15.3	16	J	6.9	2	97	-0.8	6.7	1.1	1	J
12	336	15.8	15	J	6.4	15	92	-0.2	5.8	2.4	1	J
13	333	16.0	14	J	6.3	9	95	-0.5	5.8	1.8	1	J
14	331	17.0	11	J	6.3	8	91	-0.1	6.0	2.0	0	J
15	334	16.4	14	J	5.9	-6	102	-1.2	5.7	0.6	1	J
16	331	15.0	14	J	5.5	-7	98	-0.7	4.8	0.7	2	J
17	327	16.6	15	J	5.1	8	91	-0.1	4.4	2.1	2	J
18	324	16.2	19	J	4.1	14	102	-0.6	2.6	1.8	3	J
19	324	18.5	15	J	3.5	-12	114	-1.3	3.0	0.6	1	J
20	325	15.1	20	J	3.9	-2	76	0.8	3.1	1.4	2	J
21	308	14.4	21	J	4.4	4	57	2.2	2.9	1.9	2	J
22	306	16.4	23	J	3.7	7	67	1.3	2.4	1.9	2	J
23	299	14.9	22	J	3.8	16	41	2.5	1.4	2.0	2	J
24	303	17.7	21	J	3.4	16	76	0.7	2.1	2.3	1	J

02/12/78 - 02/19/78

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 12, 1978							43					FEB. 13, 1978							44
1	300	14.7	16	J	5.1	7	78	1.0	3.8	2.9	1	J	299	29.1	18	J	7.3	-3	254	-2.0	-5.7	-3.8	2	J
2	303	17.2	18	J	5.0	9	95	-0.4	3.8	2.9	2	J	301	33.2	19	J	7.2	-16	238	-3.5	-4.0	-4.4	2	J
3	281	21.9	17	J	5.2	5	33	4.0	2.1	1.5	2	J	304	38.8	20	J	5.9	-31	223	-3.6	-1.7	-4.2	1	J
4	301	22.3	21	J	5.7	38	96	-0.4	2.5	4.7	2	J	297	39.3	20	J	6.8	8	237	-3.6	-5.4	-1.4	1	J
5	293	21.0	21	J	5.5	1	47	3.1	3.1	1.2	3	J	284	31.1	20	J	7.4	21	271	0.1	-7.1	0.0	2	J
6	295	23.8	21	J	5.4	-21	30	2.7	1.8	-0.7	5	J	291	34.9	19	J	7.1	23	257	-1.4	-6.4	3.7	3	J
7	294	17.7	14	J	7.4	-43	348	5.2	0.1	-5.1	1	J	299	44.9	19	J	7.8	21	253	-2.1	-7.2	1.0	2	J
8	298	18.8	14	J	7.0	22	45	2.5	2.2	1.9	6	J	298	38.7	18	J	9.4	18	264	-0.9	-9.1	1.0	2	J
9													303	43.1	16	J	10.5	33	257	-1.9	-9.1	4.1	3	J
10													308	22.8	42	J	11.0	73	178	-2.8	-1.2	9.2	5	J
11													313	12.5	48	J	11.8	54	125	-3.2	3.5	8.1	7	J
12	305	23.8	11	J	7.1	62	169	-3.3	-0.2	6.3	0	J	318	11.3	52	J	11.5	40	119	-4.2	6.4	8.2	3	J
13	302	25.2	14	J	6.4	62	170	-3.0	-0.3	5.7	1	J	309	9.6	44	J	11.7	25	112	-3.9	8.7	6.3	3	J
14	303	25.8	16	J	5.6	57	248	-0.4	-1.4	1.5	5	J	313	10.8	40	J	12.0	10	116	-5.1	10.0	4.0	2	J
15	298	32.3	17	J	4.5	2	218	-3.4	-2.6	-0.4	1	J	307	9.2	41	J	12.3	-16	105	-2.9	11.2	-0.7	4	J
16	297	32.4	16	J	4.6	-21	225	-3.0	-2.4	-2.3	1	J	311	10.3	37	J	11.7	-16	102	-2.2	10.8	-0.2	4	J
17	300	28.3	16	J	5.6	-33	226	-3.2	-2.2	-3.9	1	J	321	13.0	36	J	10.9	-41	68	2.7	8.2	-3.8	6	J
18	300	23.5	16	J	6.6	-29	241	-2.8	-3.6	-4.8	1	J	329	14.4	40	J	10.3	-33	63	3.6	8.4	-2.2	4	J
19	296	19.4	12	J	7.8	-17	256	-1.8	-5.5	-4.9	2	J	342	14.3	47	J	9.6	-31	56	4.3	7.7	-1.6	3	J
20	298	23.3	13	J	7.5	-17	256	-1.7	-5.2	-5.0	1	J	345	14.8	55	J	9.8	-44	52	3.8	7.0	-3.1	5	J
21	299	23.8	12	J	7.6	-10	252	-2.3	-5.6	-4.6	1	J	335	13.1	59	J	8.1	-14	108	-2.3	7.1	1.8	3	J
22	300	27.4	17	J	6.8	1	255	-1.5	-5.0	-2.8	3	J	328	11.3	65	J	8.0	28	138	-5.0	2.1	5.3	2	J
23	295	26.8	21	J	6.6	61	280	0.5	-5.4	3.2	2	J	324	11.2	66	J	7.1	25	138	-4.4	1.9	4.4	3	J
24	284	24.2	21	J	7.1	51	318	3.1	-5.0	3.0	3	J	343	11.3	81	J	6.0	-26	72	1.4	4.7	0.3	3	J
					FEB. 14, 1978							45					FEB. 15, 1978							46
1	362	11.9	69	J	7.2	-32	351	5.8	1.1	-3.6	2	J												
2	360	12.9	50	J	7.5	-14	345	6.6	-0.7	-2.3	3	J	633	0.0	0	H								
3																								
4													627	0.0	0	H								
5																								
6																								
7																								
8																								
9													680	0.0	0	H								
10													685	0.0	0	H								
11																								
12																								
13	391	0.0	0	H																				
14	409	0.0	0	H																				
15	414	0.0	0	H																				
16	415	0.0	0	H									572	0.0	0	H								
17													552	0.0	0	H								
18													563	0.0	0	H								
19																								
20													534	0.0	0	H								
21													537	0.0	0	H								
22																								
23													537	0.0	0	H								
24																								
					FEB. 16, 1978							47					FEB. 17, 1978							48
1													468	0.0	0	H								
2																								
3													496	0.0	0	H								
4																								
5																								
6													399	0.0	0	H								
7													433	0.0	0	H								
8																								
9													437	0.0	0	H								
10																								
11																								
12																								
13													437	0.0	0	H								
14													393	0.0	0	H								
15													434	0.0	0	H								
16																								
17																								
18																								
19													484	0.0	0	H								
20													466	0.0	0	H								
21													425	0.0	0	H								
22													468	0.0	0	H								
23	454	0.0	0	H									480	0.0	0	H								
24													478	0.0	0	H								
					FEB. 18, 1978							49					FEB. 19, 1978							50
1													433	0.0	0	H								
2	479	0.0	0	H									424	0.0	0	H								
3	471	0.0	0	H									411	0.0	0	H								
4	477	0.0	0	H									401	0.0	0	H								
5	484	0.0	0	H									398	0.0	0	H								
6	451	0.0	0	H									395	0.0	0	H								
7	417	0.0	0	H									376	0.0	0	H								
8	424	0.0	0	H									369	0.0	0	H								
9	429	0.0	0	H									368	0.0	0	H								
10	435	0.0	0	H									376	0.0	0	H								
11	461	0.0	0	H																				
12	393	0.0	0	H																				
13	434	0.0	0	H																				
14																								
15	454	0.0	0	H																				
16	445	0.0	0	H																				
17	438	0.0	0	H																				
18	429	0.0	0	H																				
19	437	0.0	0	H																				
20																								
21	435	0.0	0	H																				
22																								
23																								
24																								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 20, 1978							51
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	340	7.3	54	J	5.1	12	318	3.1	-2.9	0.2	2	J
16	332	7.2	37	J	4.9	-6	333	4.0	-1.8	-1.0	2	J
17	348	7.6	39	J	5.6	-26	298	2.3	-3.3	-3.7	1	J
18	348	7.8	40	J	5.6	-37	303	2.4	-2.2	-4.6	1	J
19	325	7.7	37	J	5.2	-12	337	4.5	-1.3	-1.8	1	J
20	325	7.6	36	J	5.2	-2	341	4.8	-1.4	-0.9	1	J
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 21, 1978							52
1					5.5	3	274	0.3	-4.5	-2.1	2	J
2	361	16.4	20	J	5.4	-5	277	0.6	-4.2	-2.5	2	J
3	396	9.8	24	J	6.6	39	288	1.5	-5.8	1.9	2	J
4	353	10.7	26	J	5.8	31	282	0.9	-4.7	1.0	3	J
5	354	9.0	20	J	6.5	50	310	2.4	-4.0	3.5	3	J
6	349	10.5	20	J	7.1	48	312	3.1	-4.5	4.2	1	J
7	349	11.2	24	J	6.4	59	334	3.0	-2.5	5.1	1	J
8					5.7	52	336	3.0	-2.0	3.9	2	J
9					7.4	-25	350	6.3	-0.6	-3.1	3	J
10	348	11.4	32	J	7.6	19	327	4.7	-3.3	1.4	5	J
11	350	19.9	24	J	5.1	-16	322	3.2	-2.2	-1.6	3	J
12	335	29.4	15	J	2.7	-20	276	0.1	-1.0	-0.6	3	J
13	338	23.2	14	J	6.7	-74	350	1.8	1.3	-6.3	0	J
14	339	29.0	18	J	4.8	-71	350	1.5	1.1	-4.3	1	J
15												
16												
17												
18												
19												
20												
21												
22	364	10.[illegible]	15	J	10.6	-61	77	1.1	9.1	-5.2	1	J
23	355	9.5	22	J	10.2	-58	93	-0.3	9.1	-4.3	1	J
24	368	12.7	19	J	9.8	-51	69	2.2	8.9	-3.3	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 22, 1978							53
1	359	10.4	20	J	10.1	-44	75	1.9	9.6	-2.2	1	J
2	359	10.0	20	J	10.2	-52	81	1.0	9.3	-3.8	1	J
3												
4	351	10.8	24	J	11.1	-44	93	-0.4	10.5	-3.5	2	J
5	353	13.4	21	J	12.9	-43	107	-2.9	11.9	-4.1	1	J
6	355	17.7	24	J	13.1	-37	106	-2.8	11.9	-4.1	2	J
7	361	20.1	24	J	12.2	-8	125	-6.7	9.6	1.1	3	J
8	359	20.8	26	J	11.7	14	145	-9.1	5.6	4.2	2	J
9	357	18.2	36	J	12.5	6	126	-7.2	9.4	3.2	3	J
10	356	19.5	42	J	12.5	16	129	-7.4	8.4	5.0	2	J
11	359	22.6	41	J	11.9	17	138	-8.0	6.5	4.4	4	J
12	356	21.5	48	J	13.8	-4	133	-9.1	9.8	0.8	3	J
13	363	24.1	37	J	13.8	-8	121	-6.9	11.6	0.3	3	J
14	361	23.8	38	J	13.6	-6	123	-6.9	10.7	1.0	5	J
15	356	21.1	41	J	14.5	-37	127	-6.6	10.6	-5.8	4	J
16	365	25.4	22	J	14.3	-46	105	-2.5	12.0	-6.9	2	J
17	363	17.0	25	J	14.3	-40	131	-2.0	12.7	-4.7	4	J
18	386	15.3	80	J	10.7	-5	124	-4.3	6.1	1.9	8	J
19	438	14.9	154	J	8.1	-52	34	3.9	5.0	-4.3	3	J
20	431	12.6	145	J	10.0	6	130	-4.5	4.4	3.2	7	J
21	451	12.5	130	J	10.5	-48	111	-1.8	6.7	-2.3	8	J
22	460	14.5	154	J	9.0	36	150	-4.4	0.2	4.5	6	J
23	465	12.6	119	J	6.6	-2	245	-2.3	-4.1	-2.9	4	J
24	455	10.7	86	J	7.2	-12	184	-6.5	0.4	-1.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 23, 1978							54
1	460	9.8	88	J	7.4	8	177	-7.0	-0.2	1.0	2	J
2	466	10.1	111	J	7.7	19	183	-7.2	-1.6	1.9	1	J
3	466	9.8	93	J	8.0	24	172	-7.1	-0.6	3.3	2	J
4	468	8.6	91	J	8.8	38	186	-6.8	-3.0	4.5	1	J
5	475	8.9	144	J	7.8	33	179	-6.5	-1.5	3.9	1	J
6	504	8.4	134	J	5.6	-3	148	-4.1	2.5	0.6	3	J
7	514	8.2	160	J	6.9	46	189	-4.6	-2.1	4.4	2	J
8	503	7.6	118	J	7.4	36	165	-5.4	0.4	4.5	2	J
9	497	7.8	113	J	7.0	12	161	-5.7	1.7	1.7	3	J
10	503	8.5	119	J	7.5	17	165	-6.2	1.3	2.2	3	J
11	489	7.6	84	J	7.4	7	159	-6.6	2.3	1.3	2	J
12	480	8.1	120	J	8.1	10	155	-7.1	3.0	1.9	1	J
13	474	7.2	108	J	7.2	3	155	-6.3	2.8	0.9	1	J
14	468	9.3	144	J	8.2	-8	164	-7.6	2.4	-0.6	2	J
15	462	8.5	136	J	8.2	22	168	-7.2	0.7	3.3	2	J
16	479	8.8	163	J	9.3	25	147	-7.0	3.2	5.1	1	J
17	465	8.1	135	J	8.3	16	131	-5.0	4.6	4.0	2	J
18	457	7.2	78	J	6.8	19	148	-6.9	2.8	4.3	2	J
19	448	5.9	76	J	8.1	8	156	-7.1	2.3	2.4	2	J
20	448	5.7	119	J	8.3	-1	136	-5.7	4.9	2.5	3	J
21	470	6.5	178	J	7.6	-7	121	-3.5	5.5	2.3	3	J
22	469	7.7	222	J	6.7	8	116	-2.4	3.8	3.3	4	J
23	479	7.4	205	J	6.4	-31	85	0.4	5.9	0.2	2	J
24	489	6.5	227	J	4.7	-22	84	0.3	3.6	0.3	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 24, 1978							55
1	465	6.2	184	J	4.8	3	154	-3.8	1.4	1.2	2	J
2	470	6.0	163	J	5.0	16	213	-3.8	-2.8	-0.1	2	J
3	477	5.1	170	J	3.8	-14	95	-0.3	3.2	0.8	2	J
4	485	4.4	113	J	5.0	26	58	2.1	2.2	3.3	2	J
5	484	4.0	76	J	5.7	18	49	3.6	3.1	3.2	1	J
6	469	4.2	75	J	4.6	9	49	2.9	2.9	1.8	1	J
7	463	3.6	64	J	4.4	21	54	2.4	2.7	2.5	1	J
8	451	3.9	66	J	3.9	-19	71	1.0	3.0	-0.3	2	J
9	479	3.6	60	J	3.7	3	44	2.6	2.4	0.7	1	J
10	438	6.2	57	J	4.9	-4	102	-1.0	4.5	0.5	2	J
11	459	7.5	62	J	3.8	-58	102	-0.3	1.8	-2.1	3	J
12												
13	428	7.0	69	J	4.1	-29	122	-1.8	3.1	-1.3	2	J
14	426	6.8	52	J	4.4	-18	115	-1.7	3.9	-0.5	1	J
15	417	9.0	27	J	4.7	-22	123	-2.3	3.9	-0.7	1	J
16	397	9.4	19	J	4.6	-13	123	-2.4	3.8	0.1	1	J
17	385	10.5	22	J	4.6	-6	104	-1.1	4.2	1.1	1	J
18	375	12.6	16	J	4.2	3	106	-1.1	3.5	1.8	1	J
19	369	11.9	15	J	3.9	17	95	-0.3	2.8	2.6	1	J
20	360	10.7	18	J	3.8	22	86	0.2	2.3	2.9	1	J
21	357	12.0	16	J	2.8	34	327	1.9	-1.8	0.7	1	J
22	355	12.9	16	J	2.5	39	332	1.6	-1.5	0.8	1	J
23	347	12.5	21	J	2.7	24	23	2.2	0.2	1.4	0	J
24	346	11.9	21	J	2.7	46	329	1.2	-1.4	0.8	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 25, 1978							56
1	347	11.3	20	J	2.7	-2	263	-0.3	-2.0	-1.3	1	J
2	342	12.1	15	J	2.8	70	304	0.3	-1.2	1.1	2	J
3												
4	342	14.3	17	J	4.0	19	258	-0.8	-3.8	-0.4	1	J
5	344	13.5	21	J	5.1	-12	257	-1.1	-3.8	-2.7	2	J
6												
7	335	14.7	18	J	3.9	-19	290	1.2	-2.9	-2.2	1	J
8	334	15.1	21	J	3.6	-35	324	2.3	-1.1	-2.3	1	J
9	330	16.7	21	J	3.0	-46	28	1.6	1.2	-1.7	1	J
10	327	14.9	19	J	3.5	-24	74	0.7	2.7	-0.7	2	J
11	325	16.0	16	J	4.5	-29	60	1.9	3.6	-1.5	1	J
12	331	15.1	11	J	4.8	-21	80	0.8	4.6	-0.[illegible]	1	J
13	339	12.7	15	J	4.5	-13	92	-0.1	4.4	-0.[illegible]	1	J
14	342	12.4	17	J	4.5	8	89	0.1	4.1	1.6	1	J
15	344	12.5	18	J	4.2	13	69	1.4	3.4	1.9	1	J
16	344	12.9	22	J	4.8	7	65	1.9	3.8	1.8	1	J
17	336	13.3	19	J	4.5	1	82	0.6	4.0	1.6	1	J
18	336	14.8	20	J	3.9	14	79	0.7	2.9	2.2	1	J
19	345	16.4	30	J	3.5	11	89	0.0	2.1	1.6	2	J
20	397	30.3	145	J	10.3	61	313	2.7	-5.9	4.8	9	J
21	405	43.0	179	J	12.8	-18	333	9.7	-2.4	-5.6	6	J
22	410	44.2	100	J	15.7	-61	35	5.8	10.4	-8.6	6	J
23	411	60.8	40	J	14.9	32	157	-11.2	-0.2	8.9	5	J
24	406	56.9	40	J	15.1	57	200	-7.7	-9.2	9.0	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 26, 1978							57
1	436	23.6	216	J	20.6	-46	344	11.4	3.8	-12.1	12	J
2	520	11.1	262	J	21.7	-27	107	-3.1	11.4	0.6	18	J
3	500	11.0	253	J	17.3	3	332	9.0	-4.4	-1.8	14	J
4	531	13.1	196	J	17.3	2	295	7.1	-13.8	-6.1	4	J
5	579	8.7	232	J	18.0	17	293	5.8	-16.8	-1.5	3	J
6	635	6.9	199	J	15.0	30	288	3.9	-13.7	2.8	4	J
7	635	7.4	311	J	13.9	32	293	4.0	-11.0	3.4	7	J
8	628	8.4	431	J	11.5	27	304	5.3	-8.9	2.8	4	J
9	633	8.6	375	J	11.0	17	302	4.7	-7.9	1.1	6	J
10	629	7.6	329	J	11.6	34	341	7.8	-3.7	5.0	6	J
11	641	7.7	301	J	11.7	30	306	5.1	-7.9	3.7	6	J
12	651	8.7	332	J	11.7	19	284	1.9	-7.8	1.2	8	J
13	641	8.6	343	J	10.7	-63	326	2.0	-0.4	-4.8	9	J
14												
15												
16												
17												
18	673	0.0	0	H								
19	714	0.0	0	H								
20	618	0.0	0	H								
21												
22												
23	607	0.0	0	H								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					FEB. 27, 1978							58
1												
2												
3												
4	537	0.0	0	H								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20	624	0.0	0	H								
21	600	0.0	0	H								
22	602	0.0	0	H								
23	588	0.0	0	H								
24												

02/28/78 - 03/07/78

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
FEB. 28, 1978												59
1												
2	630	0.0	0	H								
3	611	0.0	0	H								
4	632	0.0	0	H								
5												
6	627	0.0	0	H								
7	603	0.0	0	H								
8	563	0.0	0	H								
9	596	0.0	0	H								
10												
11												
12	603	0.0	0	H								
13												
14	615	0.0	0	H								
15	619	0.0	0	H								
16	601	0.0	0	H								
17												
18												
19	573	0.0	0	H								
20	568	0.0	0	H								
21	586	0.0	0	H								
22	571	0.0	0	H								
23	571	0.0	0	H								
24	569	0.0	0	H								
MAR. 1, 1978												60
1												
2	607	0.0	0	H								
3	590	0.0	0	H								
4	621	0.0	0	H								
5	617	0.0	0	H								
6	611	0.0	0	H								
7												
8	613	0.0	0	H								
9	617	0.0	0	H								
10	633	0.0	0	H								
11	622	0.0	0	H								
12	619	0.0	0	H								
13	627	0.0	0	H								
14												
15												
16	684	0.0	0	H								
17	665	0.0	0	H								
18	624	0.0	0	H								
19												
20												
21	601	0.0	0	H								
22	581	0.0	0	H								
23	587	0.0	0	H								
24	585	0.0	0	H								
MAR. 2, 1978												61
1												
2												
3												
4												
5	546	0.0	0	H								
6												
7												
8	564	0.0	0	H								
9	551	0.0	0	H								
10	555	0.0	0	H								
11	569	0.0	0	H								
12	572	0.0	0	H								
13	594	0.0	0	H								
14	576	0.0	0	H								
15	580	0.0	0	H								
16	562	0.0	0	H								
17	581	0.0	0	H								
18	607	0.0	0	H								
19	638	0.0	0	H								
20												
21	619	0.0	0	H								
22	613	0.0	0	H								
23	617	0.0	0	H								
24	622	0.0	0	H								
MAR. 3, 1978												62
1												
2												
3												
4												
5	615	0.0	0	H								
6	614	0.0	0	H								
7	616	0.0	0	H								
8	613	0.0	0	H								
9												
10	566	0.0	0	H								
11	562	0.0	0	H								
12	575	0.0	0	H								
13	525	0.0	0	H								
14	484	0.0	0	H								
15	537	0.0	0	H								
16	536	0.0	0	H								
17	529	0.0	0	H								
18	526	0.0	0	H								
19												
20	517	0.0	0	H								
21	526	0.0	0	H								
22	528	0.0	0	H								
23	520	0.0	0	H								
24	513	0.0	0	H								
	510	0.0	0	H								
	494	0.0	0	H								
MAR. 4, 1978												63
1	488	0.0	0	H								
2	474	0.0	0	H								
3	474	0.0	0	H								
4	474	0.0	0	H								
5	471	0.0	0	H								
6	459	0.0	0	H								
7	458	0.0	0	H								
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21					5.0	53	88	0.1	0.4	4.9	1	J
22					5.2	54	82	0.4	0.2	5.1	0	J
23												
24												
MAR. 5, 1978												64
1	383	7.5	[illegible]	J	6.3	50	113	-1.6	0.5	6.0	1	J
2	386	7.9	[illegible]	J	6.3	50	158	-3.5	-1.2	4.6	2	J
3					6.8	30	195	-5.7	-3.0	2.2	1	J
4	380	9.4	26	J	6.9	18	192	-6.4	-2.2	1.3	1	J
5	373	11.3	21	J	7.5	6	192	-7.2	-1.7	0.1	0	J
6	368	11.9	17	J	7.6	7	196	-7.3	-2.3	0.1	0	J
7	364	11.3	14	J	8.1	0	190	-8.0	-1.3	-0.4	0	J
8	363	12.5	12	J	8.5	-4	191	-8.1	-1.4	-1.0	2	J
9	363	13.5	12	J	8.6	-10	183	-8.3	-0.1	-1.5	2	J
10	365	15.0	13	J	8.3	-21	175	-7.5	1.2	-2.7	2	J
11	370	18.4	14	J	8.1	-32	163	-6.4	2.7	-3.7	1	J
12	373	18.9	18	J	7.7	-36	130	-3.7	5.2	-3.3	2	J
13	373	22.4	16	J	7.3	-31	107	-1.7	6.3	-2.3	2	J
14					7.1	-30	102	-1.2	6.2	-1.9	3	J
15												
16					7.2	-39	139	-3.4	4.0	-2.5	4	J
17					8.0	-40	141	-4.5	5.2	-3.2	3	J
18	363	11.9	13	J	7.8	-34	124	-3.5	6.4	-1.7	3	J
19	360	11.6	19	J	8.5	-26	108	-2.2	7.8	0.1	2	J
20	365	12.4	19	J	8.2	-12	94	-0.5	7.6	2.5	2	J
21	368	7.3	19	J	8.5	11	76	2.0	6.0	5.7	0	J
22	372	14.5	26	J	6.5	18	65	2.6	3.6	4.8	1	J
23	367	13.6	20	J	6.9	15	73	1.9	4.1	4.8	2	J
24	357	11.0	25	J	7.1	-1	96	-0.7	5.8	3.8	1	J
MAR. 6, 1978												65
1					7.2	0	139	-5.4	3.9	2.6	0	J
2					5.6	49	9	3.5	-1.7	3.8	1	J
3					5.4	46	43	2.6	0.3	4.5	1	J
4	361	9.1	21	J	5.4	43	41	2.9	0.6	4.3	1	J
5	355	9.4	35	J	5.5	47	8	3.6	-1.1	3.7	2	J
6	350	9.3	42	J	5.7	37	31	3.8	1.0	4.0	1	J
7	359	8.4	42	J	5.8	32	351	4.5	-1.6	2.5	2	J
8	365	6.8	32	J	6.2	23	336	5.0	-2.7	1.6	2	J
9	368	8.0	41	J	6.1	19	336	5.1	-2.6	1.4	1	J
10	367	7.9	47	J	5.6	-3	354	3.9	-0.4	-0.3	4	J
11	365	9.9	39	J	6.3	-27	334	4.4	-1.6	-2.9	3	J
12	372	14.8	33	J	4.8	-39	306	1.7	-1.9	-2.8	3	J
13	370	18.8	23	J	4.8	-32	296	0.9	-1.5	-1.6	4	J
14	365	10.0	22	J	8.3	-27	122	-3.8	6.8	-2.1	1	J
15	366	9.5	27	J	8.5	-33	120	-3.5	7.1	-2.7	2	J
16	367	10.6	42	J	8.0	-30	120	-3.1	6.3	-1.7	3	J
17	364	8.8	39	J	8.2	-17	121	-3.8	6.7	0.3	3	J
18					8.5	3	124	-4.6	6.1	3.3	2	J
19												
20												
21	357	12.0	94	J	7.9	32	138	-4.9	1.5	5.8	2	J
22	362	13.1	92	J	7.5	11	119	-3.3	4.3	4.4	3	J
23	354	11.6	84	J	7.4	-21	109	-2.2	6.7	1.4	2	J
24					7.0	1	113	-2.5	4.9	3.5	2	J
MAR. 7, 1978												66
1	348	11.3	74	J	6.1	-32	142	-3.8	4.1	-0.9	2	J
2	332	20.9	26	J	6.6	-24	126	-3.2	5.0	0.3	3	J
3	329	24.9	24	J								
4												
5	326	23.3	22	J								
6	322	22.9	21	J								
7	335	16.3	35	J								
8	347	9.3	74	J	8.3	23	149	-6.3	2.8	4.0	1	J
9	360	8.9	62	J	7.8	19	141	-5.2	3.6	3.2	3	J
10	376	7.9	59	J	8.2	-33	118	-2.8	6.0	-2.7	4	J
11	379	6.8	51	J	8.1	-17	111	-2.7	7.4	-0.9	1	J
12	376	7.7	36	J	7.9	-26	109	-2.3	7.2	-2.0	2	J
13	377	8.6	34	J	7.8	-31	111	-2.4	6.9	-2.5	1	J
14	371	12.3	42	J	6.3	-33	114	-1.8	4.7	-1.8	3	J
15	380	13.4	29	J	6.4	-53	89	0.1	5.0	-3.7	2	J
16												
17	364	12.6	22	J	6.9	-21	101	-1.2	6.5	0.1	2	J
18	348	11.1	23	J	6.6	20	120	-3.1	3.9	4.3	1	J
19	349	12.4	31	J	5.0	-32	121	-1.9	3.9	-0.6	2	J
20	348	12.2	50	J	6.0	0	141	-4.6	3.2	1.9	1	J
21	349	11.7	44	J	6.3	5	138	-4.4	3.1	2.6	2	J
22	358	10.7	28	J	5.7	-45	115	-1.4	4.4	-1.1	3	J
23	348	9.9	40	J	5.8	-8	127	-3.2	4.0	1.8	2	J
24	356	5.9	41	J	7.9	53	155	-4.3	-1.9	6.3	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 8, 1978							67
1	373	11.3	26	J	7.1	60	148	-2.8	-1.7	5.8	2	J
2	390	11.1	19	J	7.2	77	183	-1.6	-5.7	5.8	1	J
3	385	13.2	20	J	6.6	62	168	-3.0	-2.3	5.3	1	J
4	390	12.7	25	J	6.8	58	148	-3.0	-0.9	5.9	1	J
5	392	11.5	36	J	7.6	68	165	-2.5	-2.0	6.3	2	J
6	393	13.2	23	J	8.2	58	173	-4.1	-1.9	6.4	3	J
7	399	8.9	17	J	9.8	65	183	-4.1	-2.9	8.4	1	J
8	394	9.7	24	J	9.1	55	174	-5.1	-1.4	7.3	1	J
9												
10												
11												
12	385	15.1	56	J	7.6	44	174	-5.2	-0.5	5.1	2	J
13	392	15.7	63	J	7.4	21	207	-5.3	-3.1	1.6	4	J
14	405	21.0	49	J	11.0	38	195	-8.1	-3.7	5.8	2	J
15	405	29.6	75	J	15.6	28	180	-12.2	-1.8	6.2	10	J
16	425	43.1	157	J	16.7	-8	138	-11.4	10.4	1.3	7	J
17	433	42.0	135	J	13.5	13	122	-5.0	6.6	5.0	10	J
18	412	35.1	97	J	13.9	-43	119	-3.8	9.3	-3.7	9	J
19	405	32.1	79	J	13.7	-73	48	2.6	8.6	-10.0	3	J
20	427	27.8	92	J	14.6	-64	311	4.1	2.4	-13.4	3	J
21	420	19.7	110	J	15.5	-22	128	-5.3	7.6	0.7	12	J
22	478	12.2	218	J	15.5	51	97	-1.0	1.2	13.1	8	J
23	459	8.8	205	J	16.6	30	119	-6.7	5.4	13.4	5	J
24	459	6.7	312	J	14.9	10	125	-8.0	8.0	8.4	5	J
					MAR. 9, 1978							68
1	466	6.7	305	J	14.5	-14	131	-9.0	10.5	2.9	3	J
2	473	6.3	306	J	14.5	-29	131	-8.3	11.8	-3.9	2	J
3	491	5.1	305	J	14.7	-19	133	-9.3	11.0	0.9	3	J
4												
5												
6	486	5.7	249	J	13.4	-7	146	-10.6	7.2	1.1	4	J
7	516	3.9	87	J	12.3	-6	133	-8.3	8.8	1.5	1	J
8	514	4.3	133	J	12.7	17	150	-9.9	4.6	4.9	4	J
9	516	3.3	95	J	11.3	-17	133	-7.2	8.2	-1.3	2	J
10	545	3.3	113	J	11.0	-18	118	-4.6	9.2	-1.3	3	J
11	529	3.6	68	J	10.8	2	141	-8.2	6.5	1.7	2	J
12	535	3.6	64	J	11.0	-4	159	-9.0	3.5	0.0	5	J
13	533	3.8	67	J	10.5	-1	172	-9.6	1.4	3.1	4	J
14	530	3.6	66	J	10.2	21	173	-8.9	0.2	3.6	3	J
15	529	3.5	71	J	9.8	3	177	-9.0	0.4	3.4	3	J
16	532	3.8	68	J	10.0	5	177	-9.2	0.2	0.9	4	J
17	518	3.7	71	J	9.0	1	172	-8.6	1.1	3.6	2	J
18	519	4.0	59	J	9.8	-2	154	-8.6	4.0	1.5	2	J
19	527	4.1	64	J	9.4	-9	155	-8.2	4.1	3.5	2	J
20	529	4.2	75	J	9.0	-22	169	-8.0	3.0	-2.1	1	J
21	511	3.5	61	J	8.6	-20	158	-7.2	4.0	-0.8	2	J
22	500	3.3	45	J	8.6	4	148	-6.9	3.3	2.9	3	J
23	490	3.5	58	J	7.9	6	129	-4.5	4.2	3.8	3	J
24	492	3.3	60	J	7.4	0	148	-6.0	3.1	2.1	2	J
					MAR. 10, 1978							69
1	490	3.4	45	J	7.2	27	125	-3.5	2.5	5.4	2	J
2	497	3.5	51	J	7.1	16	121	-2.7	3.0	3.7	4	J
3	458	3.2	46	J	6.9	-3	167	-6.0	1.4	0.4	3	J
4	457	3.3	45	J	7.1	1	145	-5.6	3.4	1.9	2	J
5	497	0.0	0	H								
6	478	0.0	0	H								
7	463	12.6	27	J	6.8	-29	105	-1.5	6.5	-1.3	0	J
8	464	11.2	31	J	7.6	-49	80	0.8	5.4	-3.7	4	J
9	395	0.0	0	H								
10	400	0.0	0	H								
11	395	0.0	0	H								
12	376	0.0	0	H								
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					MAR. 11, 1978							70
1												
2												
3												
4												
5	437	0.0	0	H								
6												
7	431	0.0	0	H								
8												
9												
10	444	0.0	0	H								
11	448	0.0	0	H								
12	438	0.0	0	H								
13												
14												
15												
16	428	0.0	0	H								
17	435	0.0	0	H								
18	385	0.0	0	H								
19												
20	372	0.0	[illegible]									
21												
22	405	0.0	0	H								
23												
24												
					MAR. 12, 1978							71
1												
2												
3	408	0.0	0	H								
4	437	0.0	0	H								
5	437	0.0	0	H								
6	437	0.0	0	H								
7												
8												
9												
10												
11	355	0.0	0	H								
12												
13												
14												
15												
16												
17	355	0.0	0	H								
18												
19												
20												
21												
22												
23												
24												
					MAR. 13, 1978							72
1												
2												
3	350	0.0	0	H								
4	393	0.0	0	H								
5	376	0.0	0	H								
6	380	0.0	0	H								
7	385	0.0	0	H								
8												
9	368	0.0	0	H								
10												
11												
12	369	0.0	0	H								
13	368	0.0	0	H								
14	347	0.0	0	H								
15	341	0.0	0	H								
16	342	0.0	0	H								
17	334	0.0	0	H								
18	349	0.0	0	H								
19	342	0.0	0	H								
20	352	0.0	0	H								
21	343	0.0	0	H								
22	352	0.0	0	H								
23												
24												
					MAR. 14, 1978							73
1												
2												
3	343	0.0	0	H								
4	338	0.0	0	H								
5	325	0.0	0	H								
6	308	0.0	0	H								
7												
8												
9												
10	338	0.0	0	H								
11	334	0.0	0	H								
12	343	0.0	0	H								
13	336	0.0	0	H								
14	340	0.0	0	H								
15	359	0.0	0	H								
16	367	0.0	0	H								
17	340	0.0	0	H								
18	346	0.0	0	H								
19	344	0.0	0	H								
20	351	0.0	0	H								
21	366	0.0	0	H								
22	368	0.0	0	H								
23	374	0.0	0	H								
24	376	0.0	0	H								
					MAR. 15, 1978							74
1												
2												
3												
4												
5	380	0.0	0	H								
6												
7	394	0.0	0	H								
8	389	0.0	0	H								
9	379	0.0	0	H								
10	383	0.0	0	H								
11	389	0.0	0	H								
12	372	0.0	0	H								
13												
14	399	0.0	0	H								
15	378	0.0	0	H								
16	394	0.0	0	H								
17	391	0.0	0	H								
18	402	0.0	0	H								
19	387	0.0	0	H								
20												
21	434	0.0	0	H								
22	448	0.0	0	H								
23	490	0.0	0	H								
24	507	0.0	0	H								

03/16/78 - 03/23/78

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 16, 1978							75
1	495	0.0	0	H								
2	491	0.0	0	H								
3	478	0.0	0	H								
4	472	0.0	0	H								
5	491	0.0	0	H								
6	476	0.0	0	H								
7	463	0.0	0	H								
8	464	0.0	0	H								
9												
10	448	0.0	0	H								
11	448	0.0	0	H								
12	442	0.0	0	H								
13	427	0.0	0	H								
14	427	0.0	0	H								
15	454	0.0	0	H								
16	459	0.0	0	H								
17	459	0.0	0	H								
18	467	0.0	0	H								
19	507	0.0	0	H								
20	509	0.0	0	H								
21	509	0.0	0	H								
22	526	0.0	0	H								
23	532	0.0	0	H								
24	513	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 17, 1978							76
1	515	0.0	0	H								
2	508	0.0	0	H								
3												
4												
5												
6												
7												
8												
9												
10												
11												
12					4.7	-10	315	0.9	-0.6	-0.4	5	J
13												
14					5.0	-63	127	-0.7	1.4	-1.9	4	J
15					5.2	-40	152	-1.6	1.2	-1.2	5	J
16					6.2	-5	306	3.3	-4.1	-2.3	3	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	SG	IMF SC
					MAR. 18, 1978							77
1	532	5.0	139	J	5.3	-5	338	4.7	-1.3	-1.4	2	J
2	542	5.0	133	J	5.7	-12	315	3.4	-2.3	-2.7	3	J
3	543	5.0	134	J	5.7	0	317	3.4	-2.7	-1.6	3	J
4	550	4.6	137	J	5.6	-39	311	2.1	-1.0	-3.5	4	J
5	531	4.0	122	J	5.4	26	327	3.7	-3.1	1.0	3	J
6	530	4.3	142	J	5.8	7	4	4.0	0.1	0.6	4	J
7	513	4.3	84	J	6.0	-3	6	5.4	0.8	-0.1	3	J
8												
9	554	4.4	116	J	6.2	24	319	2.8	-2.8	1.0	5	J
10	559	4.7	116	J	5.7	-25	286	1.2	-3.8	-3.0	2	J
11	523	4.8	106	J	6.0	-29	313	3.5	-3.0	-3.5	2	J
12	534	4.6	104	J	5.8	-12	303	2.7	-3.9	-1.9	3	J
13	526	4.9	111	J	6.0	-49	313	2.5	-1.6	-4.6	2	J
14	521	4.7	85	J	6.1	-35	314	3.2	-2.4	-3.9	2	J
15	501	4.9	87	J	6.4	-28	326	4.5	-2.0	-3.6	2	J
16	518	5.1	111	J	6.5	-8	296	2.3	-4.1	-2.2	4	J
17	516	5.1	99	J	6.5	-3	303	2.2	-3.1	-1.5	5	J
18	494	4.8	81	J	6.4	-17	320	4.0	-2.4	-2.9	3	J
19	505	5.2	103	J	6.2	8	300	2.7	-4.4	-1.5	3	J
20	539	5.2	124	J	5.5	74	241	-0.5	-2.4	2.4	4	J
21	532	5.2	85	J	6.2	51	26	1.9	-0.6	2.6	5	J
22	490	5.4	85	J	6.7	-21	318	4.3	-2.0	-4.0	2	J
23	487	5.6	123	J	6.3	10	320	4.5	-3.7	-1.3	2	J
24	471	5.9	134	J	5.7	-9	329	4.5	-1.7	-2.2	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 19, 1978							78
1	478	5.5	114	J	5.8	-29	344	4.4	0.4	-2.8	3	J
2	479	5.1	71	J								
3												
4	470	4.9	86	J	6.0	10	311	2.8	-3.2	-0.8	4	J
5	471	4.9	75	J	5.8	14	313	3.5	-4.0	-0.4	2	J
6	475	5.2	86	J	6.5	18	322	3.5	-3.1	0.4	4	J
7	487	5.1	76	J	6.2	39	356	3.5	-1.1	2.6	4	J
8	472	5.2	73	J	6.2	39	8	4.0	-0.4	3.3	3	J
9	463	5.1	57	J	6.1	7	22	4.9	1.8	1.1	3	J
10	464	5.2	76	J	6.1	2	37	4.4	3.2	0.9	3	J
11	453	5.0	51	J	6.1	-6	350	4.9	-0.7	-0.7	3	J
12	443	5.0	45	J	6.6	-10	8	6.0	1.1	-0.9	2	J
13	460	5.0	62	J	6.1	-2	310	3.3	-3.8	-1.1	3	J
14	455	5.0	57	J	6.0	-21	321	4.0	-2.6	-2.7	2	J
15												
16	470	4.2	76	J	6.2	-10	283	1.4	-5.2	-3.0	1	J
17	453	4.7	63	J	5.8	-11	340	3.9	-1.0	-1.3	4	J
18	448	4.6	69	J	6.1	12	336	3.9	-2.0	0.1	4	J
19	447	5.0	65	J	6.1	23	302	2.5	-4.5	-0.1	3	J
20	445	5.2	72	J	6.0	38	316	2.8	-3.9	1.2	3	J
21	433	4.9	70	J	6.0	39	336	3.4	-2.9	1.7	4	J
22	431	4.6	61	J	5.6	14	311	3.1	-3.6	-1.0	3	J
23	433	4.9	74	J	5.4	20	311	3.0	-3.7	-0.6	3	J
24	409	4.4	30	J	5.3	-8	349	4.8	-0.4	-1.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 20, 1978							79
1	410	4.8	44	J	5.9	-19	321	4.0	-1.7	-3.3	2	J
2	407	4.3	40	J	5.3	11	334	3.9	-2.0	-0.3	3	J
3	403	3.8	39	J	4.9	8	337	4.1	-1.8	-0.3	2	J
4	405	3.3	36	J	4.5	2	345	4.0	-1.0	-0.4	2	J
5	437	4.2	52	J	4.9	7	323	3.4	-2.6	-0.6	2	J
6	411	3.9	33	J	4.6	29	329	3.4	-2.7	1.3	1	J
7	422	4.4	48	J	4.9	-6	282	0.9	-3.9	-1.8	2	J
8	409	4.7	63	J	4.6	13	300	1.9	-3.5	-0.1	2	J
9												
10	398	7.7	49	J	4.1	56	295	0.9	-2.4	2.5	2	J
11	389	7.3	56	J	4.9	6	301	2.3	-3.8	-0.3	2	J
12	403	8.7	40	J	4.1	-40	243	-1.1	-1.8	-2.5	3	J
13	405	9.7	44	J	4.6	-14	244	-1.6	-3.0	-1.6	3	J
14	400	9.7	42	J	4.7	-37	264	-0.3	-2.5	-3.2	2	J
15												
16	386	10.2	40	J	5.4	-37	283	0.7	-2.1	-3.2	4	J
17	377	11.5	47	J	4.4	1	40	3.1	2.3	1.1	2	J
18												
19	374	11.1	48	J	4.4	16	34	2.3	1.0	1.4	4	J
20	373	11.9	55	J	4.2	-18	355	2.6	0.2	-0.8	4	J
21	376	10.5	42	J	5.7	11	30	3.1	1.1	1.5	5	J
22	372	9.7	50	J	5.4	-42	9	2.2	1.4	-1.5	5	J
23	372	8.7	40	J	6.3	-28	57	3.0	5.4	0.2	1	J
24	365	8.0	51	J	6.0	-36	37	3.6	4.0	-1.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 21, 1978							80.
1	363	8.9	64	J	4.8	-82	106	-0.2	2.6	-3.0	3	J
2	354	8.2	93	J	4.8	-36	319	2.8	-0.6	-3.6	2	J
3	360	8.5	80	J	4.9	-2	295	1.9	-3.5	-2.2	2	J
4	364	7.6	63	J	5.5	-41	265	-0.3	-1.6	-4.1	3	J
5	371	7.3	51	J	5.9	16	251	-1.6	-4.9	-3.6	3	J
6	368	7.5	49	J	6.0	32	246	-2.0	-5.2	1.2	2	J
7	364	7.8	58	J	5.6	25	256	-1.2	-5.2	0.7	2	J
8	370	3.6	45	J	6.5	-26	314	3.7	-3.0	-3.5	3	J
9	390	2.3	47	J	6.7	-27	313	4.1	-3.5	-4.0	1	J
10	360	3.6	28	J	6.1	-22	303	3.0	-4.1	-3.2	1	J
11	370	4.7	31	J	6.1	-8	293	2.2	-5.0	-1.9	2	J
12												
13					5.8	-13	317	3.6	-3.0	-1.9	2	J
14	343	5.1	30	J	5.3	-8	303	2.7	-3.8	-1.7	2	J
15	339	5.1	30	J	5.1	14	323	3.9	-3.1	0.3	1	J
16	342	5.2	36	J	5.3	3	329	4.5	-2.6	-0.6	1	J
17	335	5.2	26	J	5.1	8	333	4.1	-2.2	-0.2	2	J
18	336	5.0	19	J	5.0	14	329	4.1	-2.7	0.3	1	J
19	335	5.0	19	J	5.2	6	326	4.2	-2.7	-0.9	1	J
20	333	5.4	23	J	5.1	14	331	4.3	-2.7	-0.2	1	J
21	331	5.7	25	J	5.1	20	341	4.5	-2.3	0.6	1	J
22	341	6.7	20	J	4.8	8	305	2.2	-2.8	-1.3	3	J
23	333	6.6	16	J	5.2	25	315	3.2	-3.8	-0.1	1	J
24	334	7.9	22	J	4.8	21	320	3.3	-3.2	-0.2	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 22, 1978							81
1	333	9.5	30	J	4.9	-6	331	4.1	-1.6	-1.7	2	J
2	336	9.9	25	J	5.0	0	333	3.7	-1.6	-1.0	3	J
3	345	10.2	29	J	5.2	16	296	2.1	-4.4	-1.0	1	J
4	340	10.5	22	J	5.4	21	308	2.9	-4.2	-0.1	1	J
5	345	13.5	36	J	6.4	1	299	3.0	-4.9	-2.1	2	J
6	338	14.8	30	J	7.3	-3	311	4.7	-4.9	-2.3	2	J
7												
8												
9	349	17.4	35	J	6.3	-42	261	-0.6	-2.9	-4.3	3	J
10	348	19.2	28	J	6.6	-77	298	0.7	0.1	-6.3	2	J
11	342	12.2	31	J	7.8	35	292	2.3	-6.5	3.0	2	J
12	343	12.8	27	J	8.9	36	287	2.1	-7.7	3.6	2	J
13	347	12.9	33	J	8.8	25	269	-0.1	-8.0	1.7	3	J
14	349	13.6	46	J	8.3	11	263	-1.0	-8.1	-0.5	1	J
15	343	14.3	51	J	7.2	-1	265	-0.6	-6.2	-2.0	3	J
16	341	23.7	51	J	3.8	1	265	-0.3	-2.9	-1.0	2	J
17	333	21.9	43	J	3.4	-17	344	2.4	-0.3	-1.0	2	J
18	338	21.9	52	J	5.6	-62	357	1.8	1.4	-3.1	4	J
19	353	19.3	43	J	8.6	-78	10	1.7	4.2	-7.2	2	J
20	364	20.9	53	J	7.4	-79	18	1.3	4.1	-5.9	2	J
21	361	25.5	42	J	8.8	-75	303	1.1	2.6	-7.1	4	J
22	365	31.4	56	J	5.8	-82	188	-0.7	2.8	-4.2	3	J
23	373	20.4	41	J	10.9	23	261	-1.4	-9.7	-2.0	5	J
24	369	17.6	38	J	12.9	53	270	0.0	-12.0	4.0	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 23, 1978							82
1	370	23.4	46	J	10.5	-42	214	-4.4	0.2	-5.7	6	J
2					11.5	-24	109	-1.3	4.1	0.5	11	J
3												
4												
5												
6												
7												
8												
9	401	0.0	0	H								
10	386	0.0	0	H								
11												
12												
13												
14	382	0.0	0	H								
15	378	0.0	0	H								
16	371	0.0	0	H								
17	374	0.0	0	H								
18	373	0.0	0	H								
19	372	0.0	0	H								
20												
21	378	0.0	0	H								
22	380	0.0	0	H								
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					MAR. 24, 1978							83
1												
2												
3												
4												
5												
6												
7												
8	349	0.0	0	H								
9	337	0.0	0	H								
10	344	0.0	0	H								
11	340	0.0	0	H								
12	338	0.0	0	H								
13												
14												
15												
16												
17												
18	363	0.0	0	H								
19	353	0.0	0	H								
20	346	0.0	0	H								
21												
22												
23	343	0.0	0	H								
24	353	0.0	0	H								
					MAR. 25, 1978							84
1												
2												
3	342	0.0	0	H								
4	343	0.0	0	H								
5	363	0.0	0	H								
6	359	0.0	0	H								
7												
8	364	0.0	0	H								
9												
10	358	0.0	0	H								
11	347	0.0	0	H								
12	346	0.0	0	H								
13	342	0.0	0	H								
14	333	0.0	0	H								
15	325	0.0	0	H								
16	323	0.0	0	H								
17	323	0.0	0	H								
18	311	0.0	0	H								
19	329	0.0	0	H								
20	325	0.0	0	H								
21	338	0.0	0	H								
22												
23	359	0.0	0	H								
24	371	0.0	0	H								
					MAR. 26, 1978							85
1												
2	371	0.0	0	H								
3	375	0.0	0	H								
4	378	0.0	0	H								
5	372	0.0	0	H								
6												
7												
8												
9	381	0.0	0	H								
10	382	0.0	0	H								
11	387	0.0	0	H								
12	422	0.0	0	H								
13	425	0.0	0	H								
14	442	0.0	0	H								
15	462	0.0	0	H								
16	487	0.0	0	H								
17	513	0.0	0	H								
18	534	0.0	0	H								
19	539	0.0	0	H								
20	548	0.0	0	H								
21	530	0.0	0	H								
22	539	0.0	0	H								
23	628	0.0	0	H								
24	623	0.0	0	H								
					MAR. 27, 1978							86
1	648	0.0	0	H								
2												
3	[illegible]	0.0	0	H								
4												
5												
6												
7												
8												
9	639	0.0	0	H								
10	675	0.0	0	H								
11	733	0.0	0	H								
12	668	0.0	0	H								
13												
14	622	0.0	0	H								
15	639	0.0	0	H								
16	625	0.0	0	H								
17	628	0.0	0	H								
18	630	0.0	0	H								
19	646	0.0	0	H								
20	615	0.0	0	H								
21	625	0.0	0	H								
22	619	0.0	0	H								
23	643	0.0	0	H								
24	650	0.0	0	H								
					MAR. 28, 1978							87
1												
2												
3												
4												
5												
6												
7												
8	648	0.0	0	H								
9												
10	621	0.0	0	H								
11	637	0.0	0	H								
12	618	0.0	0	H								
13	622	0.0	0	H								
14	616	0.0	0	H								
15	617	0.0	0	H								
16	585	0.0	0	H								
17	616	0.0	0	H								
18	661	0.0	0	H								
19	639	0.0	0	H								
20	639	0.0	0	H								
21	643	0.0	0	H								
22	630	0.0	0	H								
23	630	0.0	0	H								
24	650	0.0	0	H								
					MAR. 29, 1978							88
1	631	0.0	0	H								
2	595	0.0	0	H								
3	641	0.0	0	H								
4	699	0.0	0	H								
5	661	0.0	0	H								
6												
7												
8	623	0.0	0	H								
9	621	0.0	0	H								
10	689	0.0	0	H								
11												
12	646	0.0	0	H								
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					MAR. 30, 1978							89
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12	480	4.5	58	J	6.8	-22	315	3.7	-3.2	-2.9	3	J
13	473	5.1	78	J	6.1	0	338	4.7	-1.9	-0.4	3	J
14	462	3.6	59	J	5.0	-5	339	4.0	-1.4	-0.7	2	J
15	469	5.0	56	J	6.6	16	359	5.9	-0.6	1.6	2	J
16	469	4.8	62	J	6.1	11	353	5.6	-1.0	0.8	2	J
17	504	4.0	63	J	6.9	27	333	4.8	-3.3	1.6	3	J
18	518	3.8	93	J	6.9	41	309	3.1	-5.3	2.2	2	J
19	503	3.1	70	J	6.1	12	16	5.4	0.8	1.8	2	J
20	498	3.6	60	J	5.8	4	15	5.5	1.1	1.1	1	J
21	502	4.4	57	J	5.8	-2	16	5.5	1.4	0.7	0	J
22	501	3.9	53	J	5.1	-25	62	2.0	4.3	0.5	2	J
23	463	3.4	42	J	5.0	22	5	4.5	-0.7	1.7	1	J
24	468	3.2	62	J	5.2	22	25	4.3	0.6	2.7	1	J
					MAR. 31, 1978							90
1	463	3.3	55	J	5.6	6	15	5.1	0.8	1.2	2	J
2	481	3.3	73	J	5.2	12	348	4.6	-1.4	0.3	2	J
3	464	3.6	55	J	6.0	15	355	5.5	-1.1	1.0	2	J
4					6.0	13	327	4.7	-3.3	-0.2	2	J
5	475	3.9	67	J	6.6	34	339	4.7	-3.0	2.4	2	J
6	465	3.9	55	J	6.8	27	351	5.8	-1.9	2.5	2	J
7	458	3.4	38	J	6.3	21	9	5.7	0.2	2.4	1	J
8	459	3.1	42	J	6.0	24	22	4.8	1.3	2.8	2	J
9	464	3.0	43	J	5.9	40	33	3.6	1.4	4.0	2	J
10	455	3.5	41	J	5.6	14	324	4.2	-3.2	0.6	2	J
11	464	3.3	47	J	6.3	6	294	2.3	-5.3	-0.5	2	J
12	470	4.0	50	J	6.2	-2	293	2.3	-5.3	-1.3	2	J
13	492	3.9	65	J	5.3	-15	276	0.5	-4.3	-2.3	2	J
14	471	3.4	81	J	4.7	3	331	3.7	-2.0	-0.3	2	J
15	507	4.1	113	J	3.9	-35	286	0.5	-1.3	-1.7	3	J
16	498	4.2	100	J	3.5	-40	327	1.7	-0.5	-2.0	2	J
17	490	4.7	113	J	4.6	-22	336	3.4	-0.8	-2.0	2	J
18	477	4.0	103	J	4.3	19	327	3.1	-2.4	0.3	2	J
19												
20												
21	496	5.0	54	J	6.0	28	324	4.2	-4.1	0.7	1	J
22	476	5.1	68	J	6.1	19	322	4.1	-3.7	-0.3	2	J
23												
24												

04/01/78 - 04/10/78

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 1, 1978							91					APR. 2, 1978							92
1	455	5.6	45	J	6.1	3	315	4.0	-3.5	-1.9	2	J	418	6.7	52	J	5.3	38	279	0.6	-4.6	0.4	2	J
2																								
3	493	5.5	53	J	5.2	-35	199	-4.0	0.2	-3.2	1	J	430	6.0	82	J	4.0	-70	316	0.8	0.8	-3.0	2	J
4	488	5.3	65	J	5.1	-49	228	-1.9	-0.4	-3.8	3	J	426	5.6	73	J	3.8	70	13	1.2	-1.2	3.1	1	J
5	481	5.7	66	J	5.7	-33	257	-0.9	-2.6	-4.1	3	J	416	5.5	65	J	3.5	23	340	2.6	-1.3	0.7	2	J
6	478	4.9	66	J	4.9	-17	286	1.1	-3.2	-2.5	3	J	414	5.1	51	J	3.5	20	329	2.7	-1.9	0.5	1	J
7	466	4.6	63	J	4.7	-6	324	3.4	-2.2	-1.2	2	J	407	5.0	50	J	3.5	6	4	3.0	0.1	0.4	2	J
8	464	5.5	73	J	4.1	-15	321	2.8	-1.9	-1.5	2	J	413	5.8	54	J	3.7	39	36	2.1	1.0	2.5	2	J
9	462	5.1	63	J	4.0	-18	322	2.6	-1.7	-1.6	2	J												
10	462	5.2	49	J	3.3	-3	343	2.9	-0.8	-0.3	1	J	396	6.2	84	J	3.9	-19	342	2.9	-0.7	-1.2	2	J
11	466	5.7	65	J	3.4	19	346	2.8	-0.9	0.8	2	J	404	6.1	62	J	3.8	-24	317	1.1	-0.8	-0.8	3	J
12	466	5.8	60	J	4.1	22	354	3.7	-0.7	1.4	1	J	409	6.4	55	J	3.6	-51	213	-1.5	-0.5	-2.4	2	J
13	467	5.5	81	J	4.8	18	340	4.0	-1.7	1.0	2	J	400	6.3	63	J	3.0	36	307	0.9	-1.4	0.8	3	J
14	457	5.6	39	J	5.2	13	330	4.2	-2.6	0.5	1	J	401	6.5	62	J	4.7	44	15	3.1	0.0	3.2	1	J
15	468	5.1	72	J	5.5	17	333	4.5	-2.9	0.8	1	J	388	7.4	88	J	4.9	25	359	4.3	-0.6	1.9	2	J
16	468	5.4	126	J	5.9	14	322	4.5	-3.8	0.2	1	J	386	7.4	93	J	4.2	-12	358	3.5	0.1	-0.7	2	J
17	466	4.8	81	J	5.8	9	325	4.6	-3.3	-0.4	1	J	391	7.4	71	J	3.9	-39	352	2.8	0.5	-2.2	1	J
18	450	4.5	45	J	5.9	8	333	5.1	-2.7	-0.4	1	J	372	6.5	33	J	5.1	-13	329	4.1	-1.8	-2.0	1	J
19	447	4.0	62	J	5.5	15	327	4.4	-3.2	-0.1	1	J	379	7.7	42	J	4.7	-5	320	3.0	-2.0	-1.5	3	J
20	454	4.6	65	J	5.0	15	318	3.4	-3.3	-0.5	1	J	379	8.5	27	J	5.4	-5	297	2.2	-3.4	-2.5	2	J
21	443	4.2	71	J	5.9	6	321	4.5	-3.4	-1.5	1	J	378	8.9	25	J	5.8	13	298	2.3	-4.3	-1.4	3	J
22	439	5.8	62	J	4.9	-32	318	0.8	-0.2	-1.0	5	J	417	14.8	38	J	9.7	-30	319	5.9	-1.8	-6.7	3	J
23	435	5.4	55	J	4.9	-31	144	-3.3	3.3	-0.7	2	J	423	10.2	77	J	11.9	19	130	-6.9	4.7	7.7	4	J
24	436	5.5	55	J	6.7	-51	168	-4.1	3.6	-3.8	1	J	453	12.2	103	J	11.1	3	119	-4.9	7.0	5.4	5	J
					APR. 3, 1978							93					APR. 4, 1978							94
1	461	11.3	75	J	12.2	38	168	-9.4	-2.4	7.4	1	J	536	4.0	45	J	12.1	-15	295	4.9	-7.2	-8.4	1	J
2	469	13.8	173	J	9.7	47	193	-5.2	-4.0	4.2	6	J	450	3.9	32	J	12.2	-27	269	-0.2	-6.0	-9.7	4	J
3													463	4.3	30	J	12.2	-17	275	1.0	-7.9	-8.3	4	J
4													450	4.3	24	J	12.0	-13	277	1.4	-9.1	-7.5	2	J
5	489	8.8	194	J	12.0	-60	35	4.8	7.2	-8.0	2	J	466	5.0	40	J	15.6	-7	284	3.7	-12.8	-7.6	3	J
6	488	9.5	186	J	13.1	-52	68	2.3	7.9	-5.3	5	J	476	4.9	38	J	15.8	-2	293	6.1	-13.3	-5.5	2	J
7	485	14.4	107	J	9.9	-35	104	-1.8	8.2	-2.4	5	J	478	7.5	38	J	16.7	10	298	7.6	-14.5	-1.6	3	J
8	488	15.1	109	J	9.2	27	94	-0.5	6.0	4.6	5	J	473	17.6	71	J	12.3	40	302	4.3	-8.3	4.7	7	J
9	486	11.8	97	J	11.0	-31	93	-0.5	9.9	-3.2	4	J	450	23.4	73	J	12.5	66	212	-3.1	-3.8	7.6	9	J
10	502	15.1	79	J	8.0	-15	78	1.4	6.7	-0.4	4	J	446	20.8	71	J	14.8	43	106	-2.6	7.2	13.6	7	J
11	514	12.4	73	J	7.4	-24	50	4.0	5.2	-1.8	3	J	439	21.7	129	J	12.3	26	124	-4.6	5.9	5.2	8	J
12	522	9.3	54	J	5.4	-43	49	2.7	3.7	-2.7	1	J	437	17.6	148	J	11.0	23	132	-6.2	6.0	5.2	5	J
13	507	9.9	49	J	5.8	-42	32	3.5	3.0	-3.2	1	J	464	17.4	185	J	9.0	63	88	0.1	2.0	7.7	4	J
14	487	11.3	55	J	6.2	-4	129	-2.2	2.7	0.4	5	J	430	14.6	183	J	8.7	55	142	-3.2	1.0	6.2	5	J
15	475	11.7	53	J	6.2	-2	131	-4.0	4.5	1.1	1	J	447	12.0	217	J	7.9	65	136	-2.0	0.2	6.3	4	J
16	469	13.7	36	J	6.1	-40	114	-1.7	4.9	-2.1	2	J	484	10.1	168	J	10.0	54	135	-1.6	0.5	3.5	9	J
17	470	13.8	45	J	6.2	-40	117	-1.6	4.1	-1.6	4	J	528	9.7	151	J	10.3	-41	297	3.4	-3.6	-8.6	3	J
18	469	13.4	38	J	7.7	-72	65	1.0	4.9	-5.6	1	J	527	9.5	170	J	9.6	-35	298	3.2	-3.4	-6.9	5	J
19	465	18.8	30	J	8.4	-80	293	0.5	2.6	-7.5	3	J	534	10.1	121	J	8.0	-79	279	0.2	2.3	-7.3	2	J
20	463	9.9	33	J	9.6	-71	87	0.2	7.2	-6.1	2	J	546	10.6	90	J	6.3	-56	314	2.3	0.4	-5.4	2	J
21	474	4.6	41	J	11.1	-25	294	3.7	-4.7	-8.1	5	J	519	11.4	82	J	6.0	-62	245	-1.1	0.7	-5.5	2	J
22	488	3.9	34	J	11.8	-24	295	4.4	-5.3	-9.1	3	J	518	11.9	92	J	6.5	-47	276	0.4	-1.0	-6.1	2	J
23	515	4.7	43	J	11.5	-9	309	7.0	-6.2	-6.3	2	J												
24	486	2.9	30	J									506	8.8	47	J								
					APR. 5, 1978							95					APR. 8, 1978							98
1	497	7.6	43	J																				
2																								
3																								
4																								
5					9.1	62	224	-4.3	-5.9	3.3	5	J												
6					10.3	45	218	-5.5	-6.4	5.0	3	J												
7																								
8					8.9	-18	165	-7.8	2.7	-2.0	2	J												
9					9.4	34	195	-6.9	-2.9	4.3	4	J												
10					10.1	43	201	-6.8	-3.9	6.1	2	J												
11													417	0.0	0	H								
12													431	0.0	0	H								
13					10.5	14	129	-6.2	7.0	4.0	2	J	422	0.0	0	H								
14													401	0.0	0	H								
15													434	0.0	0	H								
16													438	0.0	0	H								
17													395	0.0	0	H								
18													382	0.0	0	H								
19													407	0.0	0	H								
20													384	0.0	0	H								
21													413	0.0	0	H								
22													382	0.0	0	H								
23													412	0.0	0	H								
24													410	0.0	0	H								
					APR. 9, 1978							99					APR. 10, 1978							100
1	417	0.0	0	H									412	0.0	0	H								
2	424	0.0	0	H									407	0.0	0	H								
3	447	0.0	0	H									398	0.0	0	H								
4	461	0.0	0	H									374	0.0	0	H								
5	416	0.0	0	H									385	0.0	0	H								
6	418	0.0	0	H									382	0.0	0	H								
7	402	0.0	0	H									373	0.0	0	H								
8	380	0.0	0	H									379	0.0	0	H								
9	397	0.0	0	H									386	0.0	0	H								
10	377	0.0	0	H									392	0.0	0	H								
11	413	0.0	0	H									407	0.0	0	H								
12	400	0.0	0	H									370	0.0	0	H								
13	364	0.0	0	H									385	0.0	0	H								
14	374	0.0	0	H									490	0.0	0	H								
15	369	0.0	0	H									537	0.0	0	H								
16	386	0.0	0	H									533	0.0	0	H								
17	393	0.0	0	H									633	0.0	0	H								
18	402	0.0	0	H									665	0.0	0	H								
19	381	0.0	0	H									668	0.0	0	H								
20	377	0.0	0	H									634	0.0	0	H								
21	389	0.0	0	H									636	0.0	0	H								
22	422	0.0	0	H									635	0.0	0	H								
23	430	0.0	0	H									599	0.0	0	H								
24	423	0.0	0	H									625	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 11, 1978							101
1	616	0.0	0	H								
2	582	0.0	0	H								
3	576	0.0	0	H								
4												
5												
6	532	0.0	0	H								
7	542	0.0	0	H								
8	579	0.0	0	H								
9	531	0.0	0	H								
10	524	0.0	0	H								
11	525	0.0	0	H								
12	520	0.0	0	H								
13	509	0.0	0	H								
14												
15												
16												
17	505	0.0	0	H								
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
					APR. 12, 1978							102
1												
2												
3												
4												
5					7.8	34	334	5.4	-4.0	2.8	2	J
6	482	11.3	102	J	7.0	32	348	5.1	-2.1	2.7	3	J
7												
8												
9												
10												
11												
12												
13	583	4.5	160	J	7.4	49	328	3.8	-3.4	4.6	3	J
14	599	4.1	181	J	7.1	49	310	2.7	-4.2	4.0	3	J
15	570	5.4	193	J	6.4	29	352	4.7	-1.3	2.3	3	J
16	592	4.2	163	J	6.3	-32	9	3.9	1.4	-2.2	4	J
17	617	3.2	158	J	4.9	-15	28	4.0	2.4	-0.4	1	J
18	614	3.0	157	J	3.9	-28	343	2.2	-0.1	-1.4	3	J
19	552	2.1	126	J								
20	570	2.6	91	J	2.5	-59	130	-0.6	1.3	-0.9	2	J
21	531	3.6	91	J	2.1	-31	190	-1.0	0.2	-0.6	2	J
22	532	4.1	84	J	2.8	-32	146	-1.8	1.7	-0.5	1	J
23	519	5.1	71	J	3.2	-41	161	-0.6	0.5	-0.3	3	J
24	550	6.0	60	J	4.7	10	220	-3.1	-2.6	-0.8	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 13, 1978							103
1	547	6.1	60	J	5.0	59	238	-1.3	-3.9	2.3	2	J
2	557	2.5	97	J	4.5	22	309	2.2	-3.1	-0.1	2	J
3	535	4.1	79	J	4.2	19	297	1.7	-3.6	-0.4	1	J
4	540	4.7	54	J	4.9	27	281	0.8	-4.6	0.2	2	J
5												
6												
7												
8	501	6.7	85	J	6.2	32	334	4.5	-2.9	2.5	2	J
9	528	6.8	107	J	6.0	24	301	2.5	-4.6	1.3	2	J
10	496	7.6	93	J	6.2	7	301	2.9	-4.6	-0.2	2	J
11	538	7.4	95	J	5.9	11	299	2.3	-4.2	0.2	3	J
12	497	7.3	101	J	5.5	10	331	4.0	-2.4	0.4	3	J
13	503	7.2	105	J	5.3	17	333	2.9	-1.6	0.7	4	J
14	512	7.1	107	J	5.0	16	320	1.9	-1.7	0.3	4	J
15	513	7.6	116	J	5.2	-38	312	1.6	-1.2	-2.2	4	J
16	517	7.6	118	J	5.2	-22	281	0.6	-2.5	-2.2	4	J
17	530	7.5	148	J	5.1	-13	250	-1.4	-3.2	-2.3	3	J
18	500	7.7	152	J	5.0	-27	327	2.8	-0.9	-2.3	3	J
19	499	7.9	183	J	4.4	29	336	2.2	-1.4	0.8	4	J
20	543	13.7	252	J	7.5	18	264	-0.2	-2.2	-0.5	7	J
21	557	17.5	364	J	8.6	-11	277	0.8	-5.0	-4.6	5	J
22	577	19.4	353	J	10.9	12	275	0.7	-7.3	-2.8	8	J
23	589	18.9	395	J	9.9	8	257	-1.7	-6.8	-3.2	6	J
24	584	16.4	379	J	10.1	-43	259	-1.3	-2.2	-9.2	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 14, 1978							104
1	528	14.0	348	J	9.4	-4	320	5.6	-3.7	-2.9	6	J
2	502	11.6	297	J	8.9	0	331	6.9	-3.3	-1.9	4	J
3	506	10.8	373	J	8.7	22	312	4.8	-6.1	0.1	4	J
4	506	9.1	311	J	8.1	-27	313	3.5	-2.3	-4.0	6	J
5	490	7.9	248	J	8.5	-7	310	4.3	-4.5	-2.7	5	J
6	495	9.6	249	J	9.4	-3	307	5.3	-6.5	-2.7	3	J
7	522	11.8	322	J	10.2	8	301	4.3	-7.3	-0.9	6	J
8	527	12.4	376	J	9.8	0	347	5.0	-1.1	-0.3	8	J
9	547	12.8	333	J	10.1	58	292	1.8	-5.9	6.6	5	J
10	573	12.1	324	J	9.7	33	104	-1.8	6.3	6.2	4	J
11					12.5	-43	108	-2.7	9.5	-6.5	4	J
12	549	19.7	38	J	12.4	-61	350	5.8	0.9	-10.6	2	J
13	554	27.0	51	J	9.3	-68	2	2.7	1.4	-6.5	6	J
14	540	28.0	75	J	8.9	-20	39	4.1	3.7	-1.1	7	J
15	547	22.9	59	J	8.3	11	97	-1.0	7.3	3.6	2	J
16	530	15.3	35	J	8.0	27	309	4.4	-6.2	1.7	2	J
17	535	16.4	31	J	7.5	20	321	5.3	-4.9	0.8	2	J
18	539	15.9	31	J	8.0	13	312	5.1	-5.9	-0.7	2	J
19					7.9	17	315	5.3	-5.7	-0.4	1	J
20	528	15.9	31	J	6.8	-3	340	6.3	-1.8	-1.4	1	J
21	541	15.5	31	J	7.2	11	327	5.8	-3.9	-0.8	1	J
22	528	14.6	32	J	7.0	15	323	5.3	-4.3	-0.7	1	J
23	526	11.8	35	J	7.5	20	321	5.3	-4.9	-0.3	2	J
24	513	8.3	46	J	7.7	-39	329	4.8	0.0	-5.4	3	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 15, 1978							105
1	512	5.2	51	J	8.3	-28	324	5.9	-1.6	-5.5	1	J
2	536	5.3	44	J	8.6	-6	315	5.8	-4.6	-3.6	3	J
3	507	4.9	44	J	8.5	6	314	5.7	-5.6	-2.0	2	J
4	523	4.2	70	J	8.4	12	310	4.8	-5.8	-1.0	3	J
5	547	4.0	158	J	7.4	19	301	3.4	-6.1	-0.0	2	J
6	567	3.6	178	J	7.2	22	285	1.5	-5.9	0.4	4	J
7	547	3.6	163	J	7.0	7	295	2.4	-5.2	-0.8	4	J
8	549	3.9	165	J	7.0	32	295	2.2	-5.3	2.0	3	J
9	559	3.9	150	J	6.6	-2	279	0.9	-5.7	-1.4	3	J
10	573	3.7	114	J	6.5	-3	286	1.5	-5.2	-1.3	3	J
11	548	4.2	142	J	6.2	9	300	2.8	-4.9	0.0	3	J
12	554	4.3	136	J	6.0	2	302	2.7	-4.3	-0.6	3	J
13	546	4.0	120	J	6.1	11	302	2.7	-4.4	0.2	3	J
14	552	3.7	101	J	5.8	-17	288	1.5	-4.3	-2.5	3	J
15	546	3.7	91	J	5.1	-8	298	1.8	-3.1	-1.4	3	J
16	539	3.8	53	J	5.8	-5	349	5.6	-3.9	-0.8	1	J
17	517	3.7	73	J	5.8	3	336	4.7	-2.1	-0.5	2	J
18	516	3.4	57	J	5.5	8	338	4.7	-2.0	-0.1	2	J
19	505	3.0	47	J	5.2	6	0	5.0	-0.2	0.5	1	J
20	534	3.6	51	J	5.2	2	341	4.8	-1.5	-0.7	1	J
21	499	3.6	56	J	5.1	2	347	4.8	-1.0	-0.4	1	J
22	499	3.6	53	J	5.1	0	346	4.8	-1.0	-0.6	1	J
23	502	3.5	54	J	5.3	-10	351	4.7	-0.2	-1.1	2	J
24	503	3.8	49	J	5.9	-1	327	4.8	-2.6	-1.8	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 16, 1978							106
1	504	3.8	55	J	6.0	-3	322	4.6	-2.9	-2.1	1	J
2	495	3.6	59	J	5.9	6	335	5.1	-2.4	-0.7	2	J
3	493	3.7	78	J	5.9	2	337	5.2	-2.1	-0.8	1	J
4	488	3.7	83	J	6.0	-8	328	4.5	-2.3	-1.9	2	J
5	481	3.7	106	J	5.9	23	350	5.3	-1.7	1.8	1	J
6	462	3.9	58	J	5.6	11	349	5.3	-1.3	0.7	1	J
7	464	3.6	75	J	5.6	10	335	4.8	-2.4	0.3	1	J
8	467	3.1	110	J	5.8	25	346	4.9	-1.6	2.0	2	J
9	488	3.2	70	J	5.7	12	302	2.7	-4.5	0.2	2	J
10	456	3.2	48	J	5.3	17	315	3.4	-3.6	0.8	2	J
11												
12	456	2.9	61	J	5.1	13	304	2.7	-4.1	0.4	1	J
13	451	3.5	46	J	5.0	13	295	2.0	-4.4	0.3	1	J
14	445	3.4	55	J	5.1	41	334	3.3	-2.3	2.8	1	J
15	430	3.2	48	J	4.9	38	334	3.3	-2.3	2.3	2	J
16	421	3.3	47	J	4.9	41	338	3.3	-2.2	2.5	1	J
17	414	3.4	32	J	4.8	16	326	3.6	-2.7	0.3	1	J
18	421	3.5	41	J	4.9	38	320	2.8	-3.3	1.7	1	J
19	407	3.5	29	J	5.1	20	327	3.9	-3.1	0.4	1	J
20	422	6.6	32	J	3.9	-6	278	0.5	-2.8	-2.0	2	J
21	412	5.7	31	J	3.9	35	291	0.8	-2.7	0.3	3	J
22	403	6.3	34	J	4.2	60	336	1.5	-2.0	2.0	3	J
23	383	6.5	51	J	4.4	-1	332	3.6	-1.6	-1.1	1	J
24	393	6.6	47	J	4.3	19	314	2.5	-2.8	-0.3	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 17, 1978							107
1	391	6.5	32	J	4.4	56	322	1.9	-3.1	2.3	1	J
2	386	6.9	51	J	4.4	22	314	2.6	-3.1	-0.0	2	J
3	380	6.1	36	J	4.3	1	321	3.2	-2.3	-1.1	1	J
4	373	5.8	22	J	4.3	-8	348	4.1	-0.5	-0.9	1	J
5	374	6.2	22	J	4.4	-12	332	3.6	-1.5	-1.5	1	J
6	367	6.0	28	J	4.6	-2	347	4.4	-0.9	-0.5	1	J
7	366	5.8	32	J	4.4	1	3	4.3	0.2	0.1	1	J
8	366	5.4	36	J	4.1	-2	356	4.0	-0.2	-0.2	1	J
9	366	6.3	30	J	4.4	-15	337	3.7	-1.3	-1.4	1	J
10	370	7.2	27	J	4.4	-28	323	2.9	-1.8	-2.3	2	J
11	374	8.0	23	J	3.8	-36	293	1.1	-2.3	-2.5	1	J
12	378	8.8	26	J	3.7	-24	259	-0.6	-2.8	-1.9	2	J
13	339	0.0	0	H	5.1	54	207	-2.6	-2.0	3.7	2	J
14	387	9.8	36	J	3.7	35	213	-2.5	-2.0	1.7	2	J
15	385	12.0	39	J	3.0	3	162	-1.6	0.5	0.2	3	J
16	391	13.9	46	J	2.3	22	141	-1.6	1.0	1.2	1	J
17	374	7.1	29	J	6.2	24	133	-3.8	2.9	3.8	1	J
18	378	7.1	32	J	6.9	27	124	-3.4	3.4	4.8	1	J
19												
20												
21	389	8.7	81	J	5.6	45	113	-1.2	0.9	4.2	3	J
22	381	8.1	76	J	5.2	30	129	-2.3	1.3	3.3	3	J
23	389	8.2	85	J	6.0	-1	98	-0.8	4.9	3.0	1	J
24	414	11.5	125	J	9.6	20	112	-3.3	5.2	7.0	4	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					APR. 18, 1978							108
1	458	17.0	197	J	13.0	-8	110	-4.3	10.9	4.6	3	J
2	448	16.9	120	J	14.5	-15	118	-6.4	12.3	2.7	3	J
3	434	14.7	62	J	15.4	-53	133	-6.0	10.9	-7.4	5	J
4	439	16.4	74	J	14.6	-61	114	-2.7	10.5	-8.5	5	J
5	441	16.1	75	J	14.8	-13	117	-6.2	12.5	1.5	5	J
6	429	13.3	78	J	14.6	-4	116	-6.3	12.6	3.1	3	J
7	424	10.8	69	J	14.6	3	111	-5.2	12.8	4.4	2	J
8	436	10.4	68	J	14.4	-16	115	-5.7	12.8	-1.0	3	J
9	415	8.9	53	J	14.8	5	124	-8.2	11.7	3.6	2	J
10	417	8.2	58	J	14.9	5	124	-8.2	11.8	3.4	2	J
11	418	8.4	74	J	14.8	4	124	-8.2	11.8	3.0	2	J
12	419	9.9	79	J	14.6	9	123	-7.7	11.4	4.2	3	J
13	414	11.2	81	J	14.4	18	125	-7.8	10.2	6.4	1	J
14	411	11.3	68	J	14.4	20	125	-7.7	9.7	7.1	2	J
15	426	11.6	58	J	14.6	5	125	-8.2	11.1	4.1	2	J
16	414	0.0	0	H								
17	422	0.0	0	H								
18	457	0.0	0	H								
19	497	0.0	0	H								
20												
21	437	0.0	0	H								
22	578	0.0	0	H								
23	498	0.0	0	H								
24	498	0.0	0	H								

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APR. 19, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												109
1	525	0.0	0	H								
2	481	0.0	0	H								
3	473	0.0	0	H								
4	511	0.0	0	H								
5	546	0.0	0	H								
6												
7	622	0.0	0	H								
8												
9	650	0.0	0	H								
10	645	0.0	0	H								
11	636	0.0	0	H								
12												
13	621	0.0	0	H								
14	678	0.0	0	H								
15												
16												
17	632	0.0	0	H								
18	622	0.0	0	H								
19	681	0.0	0	H								
20	662	0.0	0	H								
21	724	0.0	0	H								
22	739	0.0	0	H								
23	685	0.0	0	H								
24	661	0.0	0	H								

APR. 20, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												110
	678	0.0	0	H								
	72[illegible]	0.0	0	H								
	705	0.0	0	H								
	762	0.0	0	H								
	815	0.0	0	H								
	788	0.0	0	H								
	732	0.0	0	H								
	721	0.0	0	H								
	680	0.0	0	H								
	701	0.0	0	H								
	713	0.0	0	H								
	664	0.0	0	H								
	614	0.0	0	H								
	613	0.0	0	H								
	595	0.0	0	H								

APR. 21, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												111
1												
2												
3	637	0.0	0	H								
4												
5												
6												
7												
8												
9												
10	588	0.0	0	H								
11	553	0.0	0	H								
12	579	0.0	0	H								
13												
14	575	0.0	0	H								
15	565	0.0	0	H								
16	595	0.0	0	H								
17	592	0.0	0	H								
18												
19												
20												
21	528	0.0	0	H								
22	595	0.0	0	H								
23	535	0.0	0	H								
24												

APR. 22, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												112
	514	0.0	0	H								
	523	0.0	0	H								
	519	0.0	0	H								
	525	0.0	0	H								
	535	0.0	0	H								
	536	0.0	0	H								
	533	0.0	0	H								
	536	0.0	0	H								
	457	0.0	0	H								
	488	0.0	0	H								
	485	0.0	0	H								
	488	0.0	0	H								
	474	0.0	0	H								
	461	0.0	0	H								
	463	0.0	0	H								
	454	0.0	0	H								
	457	0.0	0	H								
	462	0.0	0	H								
	461	0.0	0	H								
	456	0.0	0	H								
	451	0.0	0	H								

APR. 23, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												113
1	439	0.0	0	H								
2	459	0.0	0	H								
3	456	0.0	0	H								
4	463	0.0	0	H								
5												
6	470	0.0	0	H								
7	474	0.0	0	H								
8												
9												
10												
11	473	0.0	0	H								
12	465	0.0	0	H								
13	459	0.0	0	H								
14	476	0.0	0	H								
15	484	0.0	0	H								
16	482	0.0	0	H								
17												
18												
19	522	0.0	0	H								
20	504	0.0	0	H								
21	515	0.0	0	H								
22	516	0.0	0	H								
23	547	0.0	0	H								
24	557	0.0	0	H								

APR. 24, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												114
	558	0.0	0	H								
	592	0.0	0	H								
	608	0.0	0	H								
	593	0.0	0	H								
	575	0.0	0	H								

APR. 25, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
												115
1												
2												
3												
4	493	3.6	70	J								
5	499	4.0	92	J								
6	496	4.2	84	J								
7	500	3.9	72	J								
8	520	4.0	110	J								
9	519	4.2	106	J	6.1	-43	320	2.8	-1.6	-3.8	3	J
10	542	4.1	98	J	6.7	14	309	3.0	-3.8	0.5	4	J
11	487	4.0	99	J	6.7	-18	266	-0.4	-5.0	-2.5	4	J
12	481	3.9	88	J	6.8	-11	328	4.9	-2.9	-1.5	2	J
13					6.1	0	353	5.8	-0.7	-0.1	2	J
14	489	5.5	100	J	5.6	-30	318	3.2	-2.4	-2.9	3	J
15	486	5.5	91	J	8.6	6	322	6.2	-4.9	-0.1	3	J
16	500	5.3	105	J	9.0	16	333	7.3	-4.1	1.4	3	J
17	518	4.7	102	J	8.1	12	320	5.4	-4.8	0.2	3	J
18	519	4.4	119	J	7.8	11	320	4.9	-4.3	-0.2	4	J
19	503	4.2	74	J	7.5	9	317	4.9	-4.6	-0.8	3	J
20	516	4.3	135	J	7.4	17	341	6.4	-2.9	0.9	2	J
21	523	4.2	187	J	6.6	22	340	5.4	-2.8	1.1	2	J
22	528	4.1	171	J	6.9	23	6	6.0	-0.7	2.6	2	J
23	545	3.8	136	J	6.7	18	346	5.6	-2.2	0.9	3	J
24	543	3.6	112	J	7.0	19	333	4.9	-3.1	0.3	4	J
					6.8	26	349	5.6	-2.4	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	SG	IMF SC
												116
	550	3.3	140	J	6.7	14	326	4.7	-3.5	-0.3	3	J
	547	3.5	165	J	6.6	12	348	5.0	-1.4	0.5	4	J
	543	3.6	186	J	6.5	-14	320	4.4	-2.7	-2.9	3	J
	541	3.5	158	J	6.7	-5	322	4.5	-3.0	-1.8	3	J
	517	3.5	121	J	6.5	13	349	6.0	-1.6	0.9	1	J
	530	3.9	167	J	6.7	-16	319	4.5	-3.3	-2.8	2	J
	550	4.0	154	J	6.2	-44	322	3.2	-1.5	-4.4	3	J
	531	4.3	186	J	5.3	-20	347	3.8	-0.6	-1.6	3	J
	547	5.4	177	J	4.6	57	31	1.8	0.5	3.4	3	J
	539	5.2	146	J	5.2	-14	31	2.4	1.5	-0.5	4	J
					6.2	18	56	3.2	4.5	2.5	1	J
					5.7	24	294	1.7	-4.0	1.1	3	J
					5.5	35	359	3.9	-0.7	2.7	3	J
					5.2	54	287	0.9	-4.1	2.7	1	J
	558	6.3	126	J	3.9	-43	259	-0.3	-0.8	-2.0	3	J
	537	6.6	157	J	3.8	-27	339	1.6	-0.1	-1.0	3	J
	537	6.3	135	J	4.1	-35	310	1.7	-0.8	-2.6	3	J
	519	6.1	99	J	4.5	-20	322	2.9	-1.3	-2.3	2	J
	517	6.4	92	J	4.1	-12	304	1.8	-1.9	-1.9	3	J
	494	6.4	81	J	4.5	-6	327	3.4	-1.7	-1.5	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 27, 1978							117
1	507	6.0	72	J	4.1	39	263	-0.3	-3.3	0.6	2	J
2	497	6.1	77	J	4.2	-9	272	0.1	-2.3	-1.7	3	J
3	466	6.1	84	J	4.6	17	328	3.3	-2.4	0.2	2	J
4	478	6.5	54	J	4.8	15	322	3.3	-2.8	0.1	2	J
5	483	7.1	77	J	5.2	43	290	1.0	-3.6	1.7	3	J
6	449	6.9	60	J	6.4	26	330	4.5	-3.2	1.7	3	J
7	455	6.9	71	J	5.6	-10	358	4.4	0.0	-0.8	3	J
8	458	6.7	98	J	4.9	28	329	3.0	-2.2	1.5	3	J
9	449	7.8	123	J	5.1	26	349	4.2	-1.2	1.9	2	J
10	445	7.6	127	J	5.1	-4	323	3.9	-2.9	-0.7	1	J
11	448	8.0	98	J	5.0	-37	46	2.6	2.9	-2.4	2	J
12	459	8.5	100	J	4.4	-54	290	0.5	-1.1	-2.1	4	J
13	465	8.4	97	J	4.6	-17	234	-2.2	-2.9	-1.6	2	J
14	457	8.6	80	J	5.0	-6	245	-1.9	-3.9	-1.2	2	J
15	458	8.8	81	J	4.7	-44	218	-2.6	-1.3	-3.6	1	J
16	454	8.6	88	J	4.6	-28	226	-2.0	-1.6	-2.1	3	J
17	465	8.9	77	J	5.2	-39	210	-3.4	-0.8	-3.6	1	J
18	417	7.6	45	J	5.4	8	345	5.2	-1.6	0.2	1	J
19	410	7.8	45	J	4.9	12	358	4.7	-0.6	0.8	1	J
20	412	8.4	61	J	5.8	8	338	4.9	-2.1	-0.3	2	J
21	435	9.3	76	J	5.7	-34	277	0.5	-2.3	-4.6	2	J
22												
23	439	7.9	77	J	6.3	-29	264	-0.5	-2.7	-4.7	3	J
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 28, 1978							118
	420	9.7	77	J	6.6	-1	292	2.4	-5.2	-3.0	1	J
	422	9.4	65	J	6.8	-12	293	2.3	-4.2	-3.5	3	J
	434	8.2	78	J	7.2	-6	280	1.2	-5.7	-3.4	2	J
	408	6.8	56	J	7.6	4	314	4.8	-4.8	-1.4	3	J
					7.8	12	334	6.6	-3.6	0.4	2	J
	413	3.9	40	J	7.8	20	350	7.1	-1.9	2.2	1	J
	477	3.8	113	J	7.5	2	297	2.9	-5.6	-1.1	4	J
	480	3.3	111	J	7.2	4	299	3.3	-6.0	-0.7	2	J
	487	3.5	110	J	7.4	2	289	2.3	-6.6	-1.8	1	J
	468	3.3	93	J	7.2	12	319	5.1	-4.6	0.8	2	J
	482	3.1	88	J	7.1	4	295	2.6	-5.6	-0.3	3	J
	470	2.7	84	J	7.1	16	306	3.8	-5.5	1.2	2	J
	458	2.4	68	J	6.8	20	311	3.8	-4.8	0.9	3	J
	463	2.4	74	J	6.6	10	302	3.2	-5.3	-0.6	2	J
	478	2.4	65	J	6.7	28	289	1.9	-6.4	0.9	0	J
	423	2.5	56	J	6.3	5	318	4.5	-3.8	-1.6	2	J
	437	2.6	52	J	6.1	1	304	3.4	-4.4	-2.5	1	J
	414	2.5	51	J	5.7	6	322	4.4	-3.3	-1.2	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 29, 1978							119
1												
2												
3												
4	431	1.8	61	J	5.4	1	324	4.4	-3.0	-1.1	0	J
5	427	2.3	53	J	5.4	2	328	4.6	-2.8	-0.8	0	J
6	414	2.7	54	J	5.5	4	339	5.0	-2.0	-0.2	1	J
7	414	3.0	47	J	5.7	7	314	3.8	-4.0	-0.2	1	J
8	415	3.2	49	J	5.5	-9	290	1.7	-4.3	-1.6	2	J
9	403	3.4	57	J	5.6	-2	315	3.9	-3.8	-0.8	1	J
10	396	3.6	69	J	5.7	5	329	4.9	-3.0	0.1	1	J
11												
12					5.4	-4	315	3.7	-3.6	-0.8	1	J
13	392	3.5	41	J	5.4	4	301	2.6	-4.3	-0.2	2	J
14	402	3.5	29	J	5.5	-1	289	1.8	-5.0	-0.9	1	J
15	379	4.1	32	J	5.5	20	344	4.9	-1.8	1.5	1	J
16	377	4.3	36	J	4.5	7	315	2.2	-2.2	-0.2	3	J
17	381	4.2	33	J	5.6	-8	299	2.6	-4.2	-2.2	2	J
18	386	4.3	40	J	5.4	-9	291	1.9	-4.2	-2.6	1	J
19	389	4.5	36	J	5.1	-19	293	1.8	-3.2	-3.2	2	J
20	378	4.4	36	J	5.0	-14	301	2.4	-3.1	-2.9	1	J
21	380	4.6	34	J	5.0	-7	299	2.4	-3.4	-2.6	1	J
22	380	4.8	31	J	5.0	-8	298	1.7	-3.7	-2.9	1	J
23	378	5.1	34	J	5.0	-3	290	1.7	-3.8	-2.5	1	J
24	373	4.9	23	J	5.2	37	287	1.2	-5.0	0.7	0	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					APR. 30, 1978							120
	373	5.1	27	J	5.7	9	285	1.3	-4.5	-1.6	3	J
	375	6.0	26	J	6.8	-17	274	0.4	-4.7	-4.5	2	J
	377	5.6	25	J	6.6	-21	264	-0.6	-4.5	-4.6	1	J
	377	5.6	25	J	6.5	-23	261	-0.9	-4.5	-4.5	1	J
	514	23.3	169	J	23.5	18	301	9.3	-16.0	3.7	14	J
	529	25.3	272	J	17.5	11	286	3.9	-14.0	0.5	10	J
	533	24.7	271	J	15.6	2	274	0.8	-10.6	-1.8	12	J
	526	28.7	207	J	16.1	-45	273	0.6	-7.8	-13.5	4	J
	518	24.1	305	J	15.6	-2	118	-2.3	4.3	1.2	15	J
	531	13.7	509	J	17.5	39	99	-1.9	7.7	13.8	7	J
	536	12.9	430	J	16.4	44	121	-5.6	4.2	13.4	6	J
	516	10.3	401	J	16.6	19	121	-7.7	9.1	13.4	5	J
	515	12.2	349	J	14.4	-24	138	-9.0	9.7	-0.8	5	J
	508	13.7	235	J	13.2	-55	143	-5.9	9.1	-7.5	3	J
	507	14.6	245	J	11.3	-26	150	-7.6	6.0	-1.5	6	J
	531	13.4	312	J	8.0	68	98	-0.4	-1.0	7.6	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 1, 1978							121
1	523	12.7	222	J	10.6	82	264	-0.1	-5.6	7.6	5	J
2	511	11.5	241	J	9.2	69	15	2.1	-2.0	5.3	7	J
3	514	10.8	293	J	8.3	-38	85	0.5	7.4	-1.8	3	J
4	517	8.7	247	J	9.8	-52	111	-2.1	7.7	-4.9	3	J
5	524	7.3	202	J	9.9	-50	114	-2.5	7.5	-5.1	4	J
6	528	9.0	181	J	8.7	-37	106	-1.8	7.5	-3.1	3	J
7	537	10.3	133	J	8.9	-14	102	-1.6	8.7	-0.2	1	J
8	546	8.5	110	J	8.3	-12	112	-3.0	7.9	-0.3	2	J
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 8, 1978							128
	417	3.5	46	J	8.4	22	150	-6.3	2.7	3.9	2	J
	432	4.4	102	J	9.1	30	150	-5.8	2.3	4.5	4	J
	473	4.4	99	J	8.6	24	96	-0.7	5.6	3.9	5	J
	450	4.5	165	J	8.0	28	115	-2.5	4.8	3.9	4	J
	431	3.9	167	J	8.6	40	134	-4.1	3.7	5.4	3	J
	413	4.0	80	J	8.5	15	144	-5.6	3.9	2.2	4	J
	446	4.7	78	J	8.1	-24	114	-2.9	6.6	-2.7	2	J
	458	6.0	54	J	7.3	-47	94	-0.3	5.1	-4.7	2	J
	448	6.5	39	J	6.3	-37	91	-0.1	5.3	-3.2	1	J
	450	11.0	45	J	5.5	-25	48	3.0	3.5	-1.6	3	J
	443	14.7	43	J	5.8	-17	56	3.0	4.7	-0.9	1	J
	426	19.3	42	J	3.8	5	35	2.7	1.8	0.7	2	J
	421	23.7	34	J	3.7	-2	320	2.3	-1.8	-0.6	2	J
	427	22.0	33	J	8.0	-13	118	-2.8	5.5	3.4	6	J
	412	26.2	27	J	8.4	17	122	-4.0	5.0	4.5	4	J
	397	31.5	28	J	6.0	4	121	-2.7	4.0	2.2	3	J
	439	45.4	39	J	4.9	15	156	-4.1	1.0	1.9	2	J
	405	52.3	36	J	5.8	29	186	-4.6	-1.6	2.1	2	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 9, 1978							129
1	405	29.0	57	J	8.6	11	120	-4.0	5.5	4.4	3	J
2	445	15.7	103	J	16.9	8	113	-5.8	11.7	7.6	10	J
3	644	12.0	705	J	16.7	-13	320	11.9	-7.9	-7.1	4	J
4	649	8.0	456	J	13.4	-7	324	10.4	-6.6	-4.0	2	J
5	697	12.3	866	J	13.3	68	229	-1.7	-3.8	5.8	11	J
6	709	16.4	1170	J	19.2	60	164	-6.0	-0.8	10.8	15	J
7	673	16.4	913	J	17.5	20	208	-10.1	-6.1	3.1	13	J
8												
9												
10	720	7.5	85	J	8.5	-72	5	2.6	0.9	-7.8	2	J
11	719	7.4	103	J	8.7	-74	5	2.3	0.8	-8.0	2	J
12	707	5.9	112	J	8.5	-62	30	3.3	2.4	-7.1	2	J
13	704	7.1	145	J	8.8	-63	44	2.7	3.3	-7.2	3	J
14	692	26.1	68	J	7.7	-71	171	-1.6	0.9	-5.1	6	J
15	700	21.1	74	J	8.9	-20	197	-7.6	-1.9	-3.3	2	J
16	686	17.5	48	J	8.4	-38	23	5.9	3.5	-4.3	2	J
17	674	8.6	43	J	9.3	-23	19	8.0	3.6	-2.7	1	J
18												
19												
20												
21	625	10.3	58	J	8.4	64	221	-2.7	-5.5	5.6	1	J
22	665	6.8	55	J	8.7	33	191	-7.0	-3.3	3.5	2	J
23	656	8.1	69	J	9.2	40	189	-6.7	-3.6	4.5	3	J
24	625	6.0	66	J	9.4	36	184	-7.5	-3.0	4.6	1	J

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SC	IMF SC
					MAY 10, 1978							130
	610	5.2	42	J	8.9	34	178	-7.2	-1.9	4.5	1	J
	606	5.6	38	J	9.2	30	172	-7.6	-0.9	4.6	1	J
	593	6.0	40	J	8.8	29	167	-7.4	0.0	4.6	1	J
	595	6.7	42	J	8.8	37	150	-5.9	1.5	5.9	2	J
	575	6.8	57	J	8.8	29	153	-6.7	2.1	4.9	1	J
					7.5	7	161	-6.9	2.3	1.1	1	J
					7.1	8	161	-6.6	2.2	1.1	1	J
					7.4	1	169	-7.2	1.4	3.2	1	J
					8.1	-1	180	-7.1	0.0	-0.1	4	J
	494	4.1	29	J	7.4	-2	166	-7.1	1.8	3.0	1	J
					5.7	-6	162	-5.4	1.8	-0.2	0	J
					5.7	-4	163	-5.4	1.7	0.1	0	J
					5.6	-4	168	-4.7	1.1	0.0	3	J
					5.8	-1	155	-5.2	2.3	0.8	1	J
	490	3.0	24	J	5.6	6	157	-5.1	1.7	1.4	0	J
	526	9.0	82	J	5.7	43	142	-0.5	3.1	3.6	6	J
	521	13.3	53	J	7.6	40	309	3.1	-6.0	2.0	3	J
	564	10.8	138	J	8.9	11	271	0.1	-6.1	-1.8	7	J
	625	7.9	301	J	6.7	-28	154	-0.8	0.6	-0.2	7	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
					MAY 11, 1978							131
1	638	6.4	291	J	7.9	-19	159	-6.5	3.3	-1.1	3	J
2	642	4.6	175	J	10.2	-17	166	-9.3	3.3	-1.7	2	J
3	622	4.2	187	J	10.2	-31	169	-8.4	3.4	-4.2	2	J
4	574	7.4	219	J	7.9	-65	208	-2.9	3.6	-7.1	2	J
5	559	8.0	219	J	7.8	-50	176	-4.9	1.9	-5.5	2	J
6	542	8.5	235	J	8.3	-37	218	-5.1	-2.8	-5.6	2	J
7	517	10.1	223	J	5.9	-34	264	-0.5	-3.7	-3.6	3	J
8	517	10.2	222	J	6.0	-33	295	1.7	-3.3	-3.1	3	J
9	524	9.6	200	J	7.7	-5	324	6.0	-4.3	-1.1	2	J
10	530	9.8	285	J	7.3	3	346	6.8	-1.7	0.2	2	J
11	498	8.8	179	J	5.9	-5	330	2.9	-5.0	-0.6	1	J
12	517	6.3	112	J	5.4	2	311	3.5	-4.1	-0.1	1	J
13	510	6.8	96	J	4.6	-17	292	1.5	-3.5	-1.5	2	J
14	514	6.9	109	J	4.1	-30	301	1.4	-2.2	-1.8	3	J
15	538	5.7	69	J	3.8	8	344	3.4	-1.0	0.3	1	J
16	501	6.1	73	J	4.2	-1	343	3.9	-1.2	-0.3	1	J
17	522	6.1	101	J	3.9	-86	282	0.0	3.6	-3.0	2	J
18	510	5.7	62	J	4.2	-19	230	0.6	-2.7	-2.1	2	J
19	495	5.7	75	J	4.2	5	311	2.5	-2.9	-0.8	2	J
20	481	5.8	118	J	4.3	10	336	3.0	-1.4	-0.0	3	J
21	463	5.1	72	J	3.9	-1	358	3.6	-0.1	-0.1	1	J
22	489	5.6	71	J	4.2	-8	290	1.0	-2.4	-1.7	3	J
23	487	5.1	63	J	4.2	-29	295	1.3	-1.7	-2.9	2	J
24	476	5.1	70	J	4.2	-20	315	2.5	-1.6	-2.2	2	J
					MAY 12, 1978							132
1	481	5.0	52	J	4.4	-46	303	1.4	-0.8	-3.4	2	J
2	458	5.1	44	J	4.3	-9	331	3.4	-1.5	-1.3	2	J
3	463	5.1	48	J	4.4	-39	329	2.6	-0.6	-2.9	2	J
4	416	0.0	0	H								
5	402	0.0	0	H								
6	398	0.0	0	H								
7	420	0.0	0	H								
8												
9												
10	428	5.5	54	J	4.5	15	333	3.6	-1.9	1.0	2	J
11	416	5.3	37	J	4.7	-3	334	4.0	-2.0	-0.3	1	J
12	427	4.9	66	J	4.5	-35	331	2.6	-1.3	-2.1	3	J
13	418	5.0	54	J	5.2	-37	331	3.4	-1.7	-3.1	2	J
14	414	5.5	40	J	6.1	-23	327	4.6	-2.7	-2.6	2	J
15	412	5.4	37	J	6.2	5	311	3.9	-4.5	-0.1	2	J
16	415	5.0	49	J	5.6	-38	311	2.5	-2.2	-3.5	3	J
17	413	6.1	53	J	5.5	-22	309	3.1	-3.2	-2.7	2	J
18	417	6.5	41	J	5.4	-26	295	2.0	-3.3	-3.5	1	J
19	424	7.2	44	J	5.0	-35	285	1.0	-2.5	-3.9	2	J
20	425	8.1	86	J	4.9	-32	278	0.5	-2.4	-3.5	2	J
21	415	8.1	40	J	5.0	-14	288	1.3	-3.1	-2.6	3	J
22	409	9.6	44	J	5.6	36	294	1.1	-3.1	0.0	5	J
23	409	9.4	40	J	5.5	-63	318	1.8	0.7	-4.9	1	J
24	406	8.8	43	J	6.4	-48	306	2.4	-1.0	-5.6	2	J
					MAY 13, 1978							133
1	403	9.0	33	J	7.2	-19	297	3.0	-4.4	-4.6	2	J
2	399	9.2	36	J	7.5	12	298	3.1	-6.0	-1.0	3	J
3	402	6.9	38	J	7.0	32	287	1.6	-6.0	1.3	3	J
4	402	6.6	38	J	6.9	31	278	0.8	-6.2	1.4	3	J
5	411	4.7	69	J	6.4	23	284	1.4	-6.0	0.9	1	J
6	421	4.4	92	J	5.7	13	290	1.9	-5.3	0.2	1	J
7	416	3.5	65	J	5.7	16	295	2.3	-5.1	0.7	1	J
8	421	4.1	84	J	5.9	17	294	2.2	-5.1	1.1	1	J
9	413	3.9	50	J	6.3	-3	332	3.2	-5.1	-0.8	1	J
10	418	4.0	57	J	6.3	11	298	2.9	-5.4	0.9	1	J
11	418	3.7	51	J	6.3	0	298	2.9	-5.5	-0.3	1	J
12	408	0.0	0	H								
13	409	0.0	0	H								
14	420	0.0	0	H	5.2	5	324	4.2	-3.1	0.2	0	J
15	429	8.3	46	J	5.4	7	327	4.5	-3.0	0.2	1	J
16	423	6.7	31	J	5.5	15	334	4.7	-2.5	0.9	1	J
17	419	9.1	30	J	5.2	24	341	4.4	-2.0	1.6	1	J
18	413	10.8	34	J	4.9	38	333	3.4	-2.5	2.3	1	J
19	401	6.9	29	J	5.3	16	323	4.1	-3.4	0.3	0	J
20	385	6.4	23	J	5.3	13	314	3.5	-3.8	-0.4	1	J
21	386	5.8	43	J	5.7	20	321	4.2	-3.9	0.3	1	J
22	376	8.2	28	J	4.8	-5	321	3.4	-2.3	-1.6	2	J
23	369	12.2	23	J	2.7	-10	316	1.7	-1.3	-1.1	2	J
24	365	10.2	25	J	3.7	-62	324	1.0	0.4	-2.4	3	J
					MAY 14, 1978							134
1	354	11.8	14	J	4.9	-8	259	-0.9	-3.8	-2.5	1	J
2	355	11.4	14	J	5.5	6	260	-0.9	-5.2	-1.6	1	J
3	352	12.2	14	J	5.5	6	263	-0.7	-5.2	-1.3	1	J
4	350	11.3	16	J	5.9	-8	277	0.7	-5.3	-2.8	1	J
5	352	9.5	14	J	6.3	-10	276	0.6	-5.7	-2.6	1	J
6	344	13.0	19	J	6.5	1	265	-0.6	-6.4	-1.2	1	J
7	343	13.8	19	J	6.8	9	270	0.0	-6.6	0.0	2	J
8	341	13.9	17	J	7.0	22	270	0.0	-6.6	1.8	1	J
9	337	12.2	14	J	7.6	7	297	2.7	-5.3	0.3	5	J
10	337	12.7	12	J	7.7	-5	312	5.1	-5.6	-1.0	1	J
11	337	13.5	13	J	7.8	-3	301	4.0	-6.7	-0.7	1	J
12	338	14.7	13	J	7.9	2	297	3.5	-7.0	-0.0	1	J
13	333	0.0	0	H								
14	335	0.0	0	H								
15	339	0.0	0	H								
16	345	0.0	0	H								
17												
18	342	0.0	0	H								
19	345	0.0	0	H								
20	352	0.0	0	H								
21	346	21.9	22	J								
22	335	22.4	18	J								
23	325	26.6	64	J								
24	313	30.5	101	J								
					MAY 15, 1978							135
1	322	31.8	65	J								
2	315	27.8	47	J								
3	312	28.6	36	J								
4	325	28.7	25	J	4.6	57	154	-2.2	-0.1	3.8	1	J
5	320	27.5	24	J	5.9	65	64	1.0	3.8	5.3	2	J
6	314	25.4	23	J	5.5	49	49	2.1	1.6	4.1	2	J
7	317	23.1	22	J	6.0	52	51	2.0	1.8	4.4	3	J
8	311	31.2	25	J	5.1	47	81	0.5	2.7	3.6	2	J
9												
10	323	39.0	28	J	5.6	19	78	1.0	4.5	1.9	2	J
11												
12												
13												
14	348	0.0	0	H								
15												
16	371	0.0	0	H								
17	378	0.0	0	H								
18	373	0.0	0	H								
19												
20												
21												
22												
23												
24												
					MAY 16, 1978							136
1												
2	415	0.0	0	H								
3	409	0.0	0	H								
4	412	0.0	0	H								
5	409	0.0	0	H								
6	419	0.0	0	H								
7												
8												
9	410	0.0	0	H								
10	388	0.0	0	H								
11	400	0.0	0	H								
12	391	0.0	0	H								
13	412	0.0	0	H								
14	417	0.0	0	H								
15	390	0.0	0	H								
16	438	0.0	0	H								
17	382	0.0	0	H								
18	373	0.0	0	H								
19	381	0.0	0	H								
20												
21	397	0.0	0	H								
22	382	0.0	0	H								
23	399	0.0	0	H								
24	377	0.0	0	H								
					MAY 17, 1978							137
1	373	0.0	0	H								
2	395	0.0	0	H								
3	384	0.0	0	H								
4	363	0.0	0	H								
5	397	0.0	0	H								
6	377	0.0	0	H								
7	376	0.0	0	H								
8												
9												
10												
11												
12												
13	359	0.0	0	H								
14	358	0.0	0	H								
15	357	0.0	0	H								
16	368	0.0	0	H								
17	363	0.0	0	H								
18	382	0.0	0	H								
19	378	0.0	0	H								
20	400	0.0	0	H								
21	387	0.0	0	H								
22	374	0.0	0	H								
23	372	0.0	0	H								
24	358	0.0	0	H								
					MAY 18, 1978							138
1	365	0.0	0	H								
2	363	0.0	0	H								
3	372	0.0	0	H								
4	372	0.0	0	H								
5												
6	338	0.0	0	H								
7												
8												
9	331	0.0	0	H								
10	330	0.0	0	H								
11	329	0.0	0	H								
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22	303	0.0	0	H								
23	302	0.0	0	H								
24	304	0.0	0	H								

MAY 19, 1978 — 139

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	302	0.0	0	H									
2	331	0.0	0	H									
3	324	0.0	0	H									
4	339	0.0	0	H									
5	342	0.0	0	H									
6	339	0.0	0	H									
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

MAY 20, 1978 — 140

VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
345	15.6	26	J	8.4	-47	264	-0.6	-3.3	-7.5	2	J	
333	15.8	26	J	7.8	-48	243	-1.9	-1.8	-5.8	4	J	
328	14.3	45	J	7.3	-12	109	-2.2	6.4	1.2	2	J	
328	16.1	49	J	6.7	3	96	-0.6	5.4	2.8	3	J	
342	17.4	52	J	7.1	13	50	4.2	4.1	3.2	2	J	
332	17.4	49	J	6.7	20	72	1.8	4.3	4.3	2	J	

MAY 21, 1978 — 141

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	319	17.2	55	J	6.3	28	109	-1.4	2.8	3.6	4	J	
2	312	17.1	59	J	6.9	38	184	-5.0	-1.7	3.5	3	J	
3	328	19.7	32	J	9.1	20	219	-6.4	-5.9	1.2	3	J	
4	338	26.3	43	J	13.0	3	227	-8.7	-9.0	-2.5	3	J	
5	350	22.6	65	J	12.4	26	140	-3.6	2.4	2.9	12	J	
6	364	23.8	50	J	13.0	41	115	-3.6	6.3	8.5	7	J	
7	376	28.6	70	J	9.6	56	141	-3.0	1.8	6.0	7	J	
8	369	17.1	89	J	12.3	47	102	-1.6	7.6	8.9	4	J	
9	369	14.8	94	J	10.9	30	101	-1.7	6.5	5.4	4	J	
10	381	16.7	77	J	9.0	43	79	1.0	5.3	5.2	5	J	
11	369	16.1	92	J	6.0	34	109	-1.1	3.2	2.3	5	J	
12	430	17.0	84	J	8.2	38	85	0.5	5.3	4.2	5	J	
13													
14	436	24.8	68	J	9.5	11	58	4.8	7.6	2.1	2	J	
15	432	26.0	78	J	11.1	18	51	4.9	5.8	3.1	7	J	
16	389	25.1	54	J	10.7	37	94	-0.5	6.9	7.0	4	J	
17					12.9	33	115	-4.2	7.5	8.2	5	J	
18	391	21.3	42	J	13.4	33	93	-0.5	8.0	8.1	7	J	
19	401	15.1	43	J	13.6	-45	59	3.8	6.2	-4.9	9	J	
20	438	14.0	54	J	14.5	-62	301	3.3	-5.8	-13.1	5	J	
21	406	14.6	49	J	14.4	-61	280	1.2	-1.4	-13.7	4	J	
22	388	14.3	45	J	13.9	-7	276	1.4	-11.7	-7.0	2	J	
23	379	15.1	44	J	14.1	-4	286	3.8	-11.6	-6.3	2	J	
24	391	13.2	69	J	13.6	-18	299	6.0	-8.5	-7.6	4	J	

MAY 22, 1978 — 142

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	423	13.0	238	J	9.3	1	337	7.2	-2.9	-1.0	5	J	
2	400	13.1	146	J	8.7	31	329	4.6	-3.7	2.1	6	J	
3	372	7.6	44	J	10.2	-2	295	4.2	-8.4	-3.1	2	J	
4	348	6.6	35	J	10.0	4	297	4.5	-8.7	-1.6	2	J	
5	353	6.2	33	J	9.8	7	295	4.0	-8.7	-0.7	2	J	
6	370	6.7	23	J	10.2	3	299	4.7	-8.5	-3.9	2	J	
7	366	5.3	27	J	10.1	13	292	3.6	-9.1	0.7	2	J	
8													
9	441	13.8	154	J	5.2	-4	344	4.5	-1.3	-0.4	2	J	
10	447	16.4	59	J	5.4	5	106	-1.1	3.8	3.4	4	J	
11	445	15.2	75	J	3.7	10	91	-0.0	2.9	3.5	3	J	
12	432	10.9	56	J	6.7	-9	321	4.7	-3.8	-0.9	3	J	
13	435	9.1	26	J	8.2	-12	327	6.7	-4.3	-1.8	1	J	
14	430	8.0	26	J	8.7	-31	334	6.5	-3.0	-4.5	2	J	
15													
16													
17	411	6.3	26	J	8.8	-39	320	5.2	-2.8	-6.4	1	J	
18	414	6.4	26	J	8.8	-34	318	5.2	-3.0	-6.0	3	J	
19	404	6.3	18	J	8.6	-26	319	5.8	-3.4	-5.3	1	J	
20	400	5.8	17	J	8.9	-17	320	6.4	-4.0	-4.4	1	J	
21	389	5.1	16	J	8.8	-20	330	7.0	-2.5	-4.3	2	J	
22	382	7.1	23	J									
23	380	6.0	23	J									
24													

MAY 23, 1978 — 143

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	391	6.0	20	J									
2	390	6.5	19	J									
3	381	6.6	23	J									
4	381	6.1	24	J									
5	377	5.6	22	J									
6	380	5.5	24	J									
7	368	5.6	17	J									
8	371	5.6	20	J									
9	358	4.9	14	J									
10	357	4.8	15	J									
11	367	5.5	16	J									
12	389	5.9	21	J									
13	388	6.4	23	J									
14	391	5.9	24	J									
15	395	6.3	31	J									
16	405	7.6	27	J									
17	437	12.3	73	J									
18	448	15.3	144	J									
19	436	18.9	148	J									
20	432	20.5	125	J									
21	467	22.2	152	J									
22	476	23.6	192	J									
23	515	10.4	379	J									
24	526	10.2	382	J									

MAY 24, 1978 — 144

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	519	12.0	406	J									
2													
3	496	10.6	155	J									
4	532	9.6	246	J									
5	525	8.5	200	J									
6	532	7.6	203	J									
7	530	7.9	205	J									
8	534	7.2	178	J									
9	547	6.8	196	J									
10	540	0.0	0	H									
11	557	6.3	178	J									
12	575	6.0	168	J									
13	561	0.0	0	H									
14	575	5.1	170	J									
15	555	4.3	85	J									
16	546	4.3	98	J									
17	547	4.2	91	J									
18	542	4.3	106	J									
19	536	4.2	110	J									
20	534	4.2	109	J									
21	544	4.2	86	J									
22	536	4.2	101	J									
23	523	4.4	79	J									
24	534	4.6	87	J									

MAY 25, 1978 — 145

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	510	4.6	58	J									
2	520	4.5	76	J									
3	509	3.9	51	J									
4	530	4.6	93	J									
5	543	4.9	99	J									
6	528	4.5	84	J									
7	502	3.9	72	J									
8	512	0.0	0	H									
9	507	0.0	0	H									
10	521	0.0	0	H									
11													
12	502	0.0	0	H									
13	500	0.0	0	H									
14	497	4.6	65	J									
15	493	4.7	88	J									
16	484	4.9	114	J									
17	477	4.8	127	J									
18	494	0.0	0	H									
19	460	4.7	51	J									
20	475	5.0	59	J									
21	474	5.5	69	J									
22	469	5.4	68	J									
23	483	5.7	65	J									
24	474	5.5	54	J									

MAY 26, 1978 — 146

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC	
1	464	5.5	60	J									
2	462	5.6	52	J									
3	453	5.5	52	J									
4	455	5.5	54	J									
5	455	5.5	50	J									
6	450	5.2	55	J									
7	446	5.2	62	J									
8	451	0.0	0	H									
9	449	0.0	0	H									
10	453	0.0	0	H									
11	456	0.0	0	H									
12	454	5.6	41	J									
13	452	6.0	41	J									
14	439	5.5	51	J									
15	456	0.0	0	H									
16	433	7.2	80	J									
17	431	5.1	46	J									
18	436	5.8	70	J									
19	424	5.1	40	J									
20	419	4.7	34	J									
21	419	4.5	36	J									
22	405	4.2	42	J									
23	398	3.7	34	J									
24	404	3.9	36	J									

MAY 27, 1978 — 147

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	406	4.2	39	J								
2	390	3.9	73	J								
3	395	4.2	63	J								
4	386	4.4	38	J								
5	380	4.3	30	J								
6	381	4.6	26	J								
7	383	4.9	29	J								
8	382	4.9	31	J								
9	366	5.1	31	J								
10	391	0.0	0	H								
11												
12	393	0.0	0	H								
13	393	0.0	0	H								
14	391	0.0	0	H								
15	388	0.0	0	H								
16	367	0.0	0	H								
17	360	0.0	0	H								
18												
19												
20												
21												
22	344	0.0	0	H								
23	365	0.0	0	H								
24	342	0.0	0	H								

MAY 28, 1978 — 148

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	345	0.0	0	H								
2	339	0.0	0	H								
3	339	0.0	0	H								
4												
5	361	0.0	0	H								
6	364	0.0	0	H								
7	351	0.0	0	H								
8	344	0.0	0	H								
9	338	0.0	0	H								
10												
11												
12	339	0.0	0	H								
13	338	0.0	0	H								
14	338	0.0	0	H								
15	337	0.0	0	H								
16												
17												
18												
19												
20												
21	329	0.0	0	H								
22	330	0.0	0	H								
23	327	0.0	0	H								
24												

MAY 29, 1978 — 149

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2	308	0.0	0	H								
3	299	0.0	0	H								
4	307	0.0	0	H								
5	309	0.0	0	H								
6												
7	313	0.0	0	H								
8												
9												
10												
11												
12	307	0.0	0	H								
13	313	0.0	0	H								
14	320	0.0	0	H								
15	320	0.0	0	H								
16	316	0.0	0	H								
17	316	0.0	0	H								
18	322	0.0	0	H								
19												
20												
21												
22												
23												
24												

JUN. 2, 1978 — 153

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	663	41.0	270	J								
20	679	23.3	62	J								
21	676	13.1	54	J								
22	681	14.5	85	J								
23	661	11.7	66	J								
24												

JUN. 3, 1978 — 154

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2												
3												
4	661	21.8	63	J								
5	658	16.2	81	J								
6	658	12.0	82	J								
7	683	11.2	52	J								
8	681	13.4	50	J								
9	667	10.9	67	J								
10	654	8.6	54	J								
11												
12												
13	656	7.2	53	J								
14	648	4.9	62	J								
15	646	5.2	74	J								
16	621	7.2	56	J								
17	617	7.3	47	J								
18	611	7.2	40	J								
19	614	6.2	42	J								
20	602	6.9	36	J								
21	602	4.6	40	J								
22	593	5.0	37	J								
23	578	6.8	54	J								
24	575	8.1	61	J								

JUN. 4, 1978 — 155

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	560	6.8	41	J								
2	558	10.2	37	J								
3	554	10.0	33	J								
4	544	2.1	39	J								
5	564	2.2	52	J								
6	569	1.8	58	J								
7	546	2.7	80	J								
8	532	2.5	87	J								
9	519	2.2	42	J								
10	527	2.1	46	J								
11	514	2.3	50	J								
12	528	2.2	52	J								
13	610	4.6	304	J								
14	657	6.6	611	J								
15	638	8.7	408	J								
16	637	8.4	412	J								
17												
18	630	7.3	174	J								
19	630	7.0	182	J								
20	604	6.4	198	J								
21	599	7.2	162	J								
22	596	7.4	161	J								
23	600	6.2	149	J								
24	575	7.6	107	J								

JUN. 5, 1978 — 156

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	600	7.4	90	J								
2	579	7.2	66	J								
3	572	7.3	60	J								
4	546	7.0	59	J								
5	526	6.7	63	J								
6	519	7.1	61	J								
7	507	6.0	41	J								
8	503	6.6	40	J								
9	510	6.8	38	J								
10	504	7.2	34	J								
11	501	9.1	37	J								
12	499	7.2	33	J								
13	499	7.0	37	J								
14	499	8.8	36	J								
15	503	9.1	35	J								
16	498	10.8	34	J								
17	503	12.0	40	J								
18	501	10.8	51	J								
19	504	14.3	47	J								
20	493	15.1	45	J								
21	497	14.5	44	J								
22	491	13.4	45	J								
23	488	12.9	47	J								
24	477	13.5	44	J								

JUN. 6, 1978 — 157

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	464	11.0	33	J								
2	465	9.4	36	J								
3	454	8.6	32	J								
4	429	7.0	55	J								
5	445	6.5	56	J								
6	467	7.0	46	J								
7	489	3.5	40	J								
8	488	4.0	46	J								
9	470	4.2	50	J								
10	452	0.0	0	H								
11	455	0.0	0	H								
12	451	5.0	50	J								
13	454	3.3	38	J								
14	447	3.3	36	J								
15												
16	399	0.0	0	H								
17	405	3.1	31	J								
18	424	3.4	32	J								
19	417	3.3	30	J								
20	424	2.9	31	J								
21	422	3.3	33	J								
22	423	4.8	36	J								
23	413	4.6	34	J								
24	415	4.3	32	J								

JUN. 7, 1978 — 158

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	419	4.4	30	J								
2	422	4.3	29	J								
3	382	4.4	37	J								
4	382	4.7	33	J								
5	387	4.3	35	J								
6	392	4.7	32	J								
7	386	4.6	38	J								
8	384	5.1	31	J								
9	398	5.1	28	J								
10	430	4.9	24	J								
11	355	0.0	0	H								
12	375	0.0	0	H								
13	355	0.0	0	H								
14	365	0.0	0	H								
15	377	0.0	0	H								
16	414	5.9	24	J								
17	404	6.0	27	J								
18	413	7.2	27	J								
19	410	8.4	44	J								
20	393	7.3	41	J								
21	411	7.4	32	J								
22	407	7.9	31	J								
23	392	7.6	46	J								
24	396	10.5	108	J								

JUN. 8, 1978 — 159

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	420	9.3	89	J								
2	433	9.0	110	J								
3	430	8.4	84	J								
4	438	8.4	93	J								
5	451	8.1	92	J								
6	435	8.0	88	J								
7	426	7.3	77	J								
8	418	5.8	58	J								
9	421	0.0	0	H								
10												
11	416	0.0	0	H								
12	398	0.0	0	H								
13												
14												
15												
16	393	0.0	0	H								
17	397	0.0	0	H								
18	391	0.0	0	H								
19	371	0.0	0	H								
20	395	0.0	0	H								
21	399	0.0	0	H								
22	391	0.0	0	H								
23	372	0.0	0	H								
24	381	0.0	0	H								

JUN. 9, 1978 — 160

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	381	0.0	0	H								
2	391	0.0	0	H								
3												
4												
5												
6	385	0.0	0	H								
7												
8	393	0.0	0	H								
9	383	0.0	0	H								
10												
11												
12												
13	379	0.0	0	H								
14	384	0.0	0	H								
15	390	0.0	0	H								
16	383	0.0	0	H								
17	378	0.0	0	H								
18	372	0.0	0	H								
19												
20												
21												
22												
23	364	0.0	0	H								
24	369	0.0	0	H								

JUN. 10, 1978 — 161

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	367	0.0	0	H								
2	364	0.0	0	H								
3												
4												
5	366	0.0	0	H								
6	366	0.0	0	H								
7	365	0.0	0	H								
8	368	0.0	0	H								
9	349	0.0	0	H								
10	501	0.0	0	H								
11	472	0.0	0	H								
12												
13												
14												
15												
16												
17	621	0.0	0	H								
18	615	0.0	0	H								
19	607	0.0	0	H								
20	567	0.0	0	H								
21	565	0.0	0	H								
22												
23	559	0.0	0	H								
24	507	0.0	0	H								

JUN. 11, 1978 — 162

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	534	0.0	0	H								
2												
3	543	0.0	0	H								
4												
5												
6	522	0.0	0	H								
7	541	0.0	0	H								
8	523	0.0	0	H								
9	492	0.0	0	H								
10	487	0.0	0	H								
11	437	0.0	0	H								
12	437	0.0	0	H								
13	437	0.0	0	H								
14												
15												
16	437	0.0	0	H								
17	438	0.0	0	H								
18	454	0.0	0	H								
19	440	0.0	0	H								
20												
21												
22												
23												
24												

JUN. 12, 1978 — 163

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	466	0.0	0	H								
2	485	0.0	0	H								
3												
4	480	0.0	0	H								
5	470	0.0	0	H								
6	517	0.0	0	H								
7	475	0.0	0	H								
8	450	0.0	0	H								
9	485	0.0	0	H								
10	471	0.0	0	H								
11	500	0.0	0	H								
12	500	0.0	0	H								
13	512	0.0	0	H								
14	469	0.0	0	H								
15												
16	510	0.0	0	H								
17	519	0.0	0	H								
18												
19	487	0.0	0	H								
20	497	0.0	0	H								
21												
22												
23	537	0.0	0	H								
24												

JUN. 14, 1978 — 165

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	395	3.9	76	J								
10	378	4.2	38	J								
11	382	3.8	49	J								
12	370	3.7	49	J								
13	368	4.8	42	J								
14	374	5.2	33	J								
15	374	5.5	36	J								
16	378	6.2	44	J								
17	386	6.6	56	J								
18	389	6.7	49	J								
19	369	6.6	50	J								
20	375	6.4	50	J								
21	387	6.9	52	J								
22	382	6.9	38	J								
23	374	7.6	41	J								
24	377	8.0	45	J								

JUN. 15, 1978 — 166

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	371	7.4	44	J								
2	380	7.7	47	J								
3	357	7.9	59	J								
4	357	8.0	63	J								
5	368	8.7	50	J								
6	358	8.1	48	J								
7	354	8.4	53	J								
8	361	9.0	50	J								
9	355	9.3	47	J								
10												
11	364	10.1	47	J								
12	356	10.3	49	J								
13	351	9.9	42	J								
14	365	10.5	39	J								
15	368	10.7	43	J								
16	359	10.3	40	J								
17	355	10.3	38	J								
18	340	10.2	35	J								
19	343	10.2	32	J								
20												
21	341	9.2	33	J								
22	336	8.6	30	J								
23	340	9.4	42	J								
24	343	10.3	38	J								

06/16/78 - 06/23/78

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUN. 16, 1978							167
1	332	15.7	18	J								
2	336	13.5	14	J								
3												
4												
5												
6												
7												
8												
9												
10	339	13.5	65	J								
11	345	12.4	46	J								
12	348	12.4	43	J								
13	344	12.0	38	J								
14	352	11.9	50	J								
15	362	12.1	38	J								
16	354	12.6	46	J								
17	360	13.5	46	J								
18	359	13.2	46	J								
19	369	13.0	47	J								
20	347	13.5	46	J								
21	344	13.5	50	J								
22	362	12.3	64	J								
23	365	10.7	62	J								
24	354	11.6	80	J								
					JUN. 17, 1978							168
	378	11.0	84	J								
	375	10.9	83	J								
	392	9.3	71	J								
	378	9.6	109	J								
	376	9.3	84	J								
	381	9.2	73	J								
	390	8.8	66	J								
	381	8.8	74	J								
	386	8.6	68	J								
	397	9.2	79	J								
	393	8.7	70	J								
	396	9.0	65	J								
	397	9.2	68	J								
	395	9.0	73	J								
	389	8.8	59	J								
	397	8.7	56	J								
	388	8.5	65	J								
	403	8.8	79	J								
					JUN. 18, 1978							169
1	400	9.2	83	J								
2	392	8.8	80	J								
3	393	9.1	81	J								
4	390	9.0	72	J								
5	396	9.6	76	J								
6	391	9.1	68	J								
7	402	8.9	66	J								
8	408	8.9	73	J								
9	371	0.0	0	H								
10	362	0.0	0	H								
11	363	0.0	0	H								
12	361	0.0	0	H								
13	362	0.0	0	H								
14	366	0.0	0	H								
15	383	9.9	51	J								
16	388	10.1	55	J								
17	395	11.0	50	J								
18	403	12.5	56	J								
19	376	0.0	0	H								
20	385	0.0	0	H								
21	376	0.0	0	H								
22	369	0.0	0	H								
23	385	0.0	0	H								
24	388	0.0	0	H								
					JUN. 19, 1978							170
	382	16.4	69	J								
	377	0.0	0	H								
	382	17.9	76	J								
	380	20.9	46	J								
	378	21.9	46	J								
	390	24.5	52	J								
	387	23.3	53	J								
	383	23.8	52	J								
	379	26.9	45	J								
	379	0.0	0	H								
	380	0.0	0	H								
	368	0.0	0	H								
	375	0.0	0	H								
	379	18.1	65	J								
	392	17.0	107	J								
	443	0.0	0	H								
	461	0.0	0	H								
	460	0.0	0	H								
	459	0.0	0	H								
	497	0.0	0	H								
	508	0.0	0	H								
					JUN. 20, 1978							171
1	511	4.7	226	J								
2	517	5.6	201	J								
3	497	4.0	162	J								
4	493	3.8	143	J								
5	480	3.0	89	J								
6	478	3.9	100	J								
7	463	3.6	68	J								
8	447	3.7	84	J								
9	420	4.4	89	J								
10	394	5.0	98	J								
11	392	5.8	105	J								
12	394	6.3	90	J								
13	387	0.0	0	H								
14	385	0.0	0	H								
15												
16												
17	380	0.0	0	H								
18	364	0.0	0	H								
19	413	0.0	0	H								
20	430	6.8	75	J								
21	400	7.2	79	J								
22	387	7.0	62	J								
23	385	8.1	62	J								
24	423	6.5	96	J								
					JUN. 21, 1978							172
	440	0.0	0	H								
	450	6.2	69	J								
	453	8.3	82	J								
	474	8.0	85	J								
	462	8.1	89	J								
	458	8.8	107	J								
	423	10.5	104	J								
	421	10.6	143	J								
	477	10.3	135	J								
	486	10.7	144	J								
	474	10.3	122	J								
	464	9.4	112	J								
	511	0.0	0	H								
	492	0.0	0	H								
	584	0.0	0	H								
	621	0.0	0	H								
					JUN. 22, 1978							173
1	666	0.0	0	H								
2	624	0.0	0	H								
3	633	0.0	0	H								
4	595	0.0	0	H								
5	641	0.0	0	H								
6	581	0.0	0	H								
7	594	0.0	0	H								
8												
9	573	0.0	0	H								
10	630	0.0	0	H								
11	634	0.0	0	H								
12	600	0.0	0	H								
13	565	0.0	0	H								
14	567	0.0	0	H								
15	561	0.0	0	H								
16	566	0.0	0	H								
17	562	0.0	0	H								
18	557	0.0	0	H								
19												
20	552	0.0	0	H								
21	533	0.0	0	H								
22	522	0.0	0	H								
23	525	0.0	0	H								
24	518	0.0	0	H								
					JUN. 23, 1978							174
	513	0.0	0	H								
	507	0.0	0	H								
	510	0.0	0	H								
	495	0.0	0	H								
	496	0.0	0	H								
	491	0.0	0	H								
	509	0.0	0	H								
	505	0.0	0	H								
	487	0.0	0	H								
	506	0.0	0	H								
	510	0.0	0	H								
	513	0.0	0	H								
	510	0.0	0	H								
	504	0.0	0	H								
	467	0.0	0	H								
	501	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
								JUN. 24, 1978					175
1	486	0.0	0	H									
2	511	0.0	0	H									
3	508	0.0	0	H									
4													
5	464	0.0	0	H									
6	496	0.0	0	H									
7	514	0.0	0	H									
8	517	0.0	0	H									
9	487	0.0	0	H									
10	480	0.0	0	H									
11	525	0.0	0	H									
12	540	0.0	0	H									
13	512	0.0	0	H									
14	511	0.0	0	H									
15	536	0.0	0	H									
16	557	0.0	0	H									
17	530	0.0	0	H									
18	522	0.0	0	H									
19	537	0.0	0	H									
20	515	0.0	0	H									
21	573	0.0	0	H									
22	565	0.0	0	H									
23	513	0.0	0	H									
24	527	0.0	0	H									

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
								JUN. 25, 1978					176
1													
2													
3	505	0.0	0	H									
4	501	0.0	0	H									
5	499	0.0	0	H									
6	499	0.0	0	H									
7	516	0.0	0	H									
8													
9													
10	511	0.0	0	H									
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
								JUN. 26, 1978					177
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18	442	9.7	17	J									
19	445	9.4	17	J									
20	446	10.2	19	J									
21	446	7.3	20	J									
22	449	8.4	24	J									
23	445	9.2	19	J									
24	445	8.7	18	J									

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
								JUN. 27, 1978					178
1	430	7.8	18	J									
2	428	8.2	21	J									
3	429	8.1	24	J									
4	430	8.0	22	J									
5	413	8.6	26	J									
6	413	8.2	27	J									
7	419	7.8	30	J									
8	411	7.3	23	J									
9	402	6.5	19	J									
10	390	5.2	20	J									
11	395	5.6	20	J									
12													
13	419	5.4	24	J									
14	400	5.5	19	J									
15	389	5.2	32	J									
16	393	6.1	31	J									
17	392	5.9	36	J									
18	392	5.6	38	J									
19	380	6.0	66	J									
20													
21	414	5.9	28	J									
22	390	5.8	36	J									
23	368	5.9	20	J									
24	387	6.0	56	J									

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
								JUN. 28, 1978					179
1	397	6.3	40	J									
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	SG	IMF SC
								JUN. 30, 1978					181
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19	386	0.0	0	H									
20	355	0.0	0	H									
21	397	0.0	0	H									
22	408	0.0	0	H									
23	399	0.0	0	H									
24	405	0.0	0	H									

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
								JUL. 1, 1978					182
1	408	0.0	0	H									
2													
3													
4	393	0.0	0	H									
5	404	0.0	0	H									
6	379	0.0	0	H									
7	411	0.0	0	H									
8	427	0.0	0	H									
9	423	0.0	0	H									
10													
11													
12													
13													
14	473	0.0	0	H									
15	466	0.0	0	H									
16	469	0.0	0	H									
17	467	0.0	0	H									
18	443	3.1	47	J									
19	446	3.2	51	J									
20	438	0.0	0	H									
21	458	0.0	0	H									
22	417	0.0	0	H									
23	443	0.0	0	H									
24	414	3.3	46	J									

HR	VEL	DEN	TEMP/ 1000	PLS	SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
								JUL. 2, 1978					183
1	403	3.3	41	J									
2	433	3.4	41	J									
3	402	3.5	46	J									
4	415	3.8	46	J									
5	425	4.4	57	J									
6	431	4.5	60	J									
7	432	5.1	76	J									
8	440	5.6	59	J									
9	406	5.0	46	J									
10	431	7.5	63	J									
11	437	10.2	71	J									
12	421	9.7	57	J									
13	413	8.5	52	J									
14	457	0.0	0	H									
15	430	0.0	0	H									
16	422	7.8	81	J									
17													
18													
19	414	8.0	75	J									
20	399	7.4	59	J									
21	399	7.2	49	J									
22	393	7.1	52	J									
23	391	7.6	49	J									
24	391	8.5	50	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
					JUL. 3, 1978							184
1	388	6.6	53	J								
2	383	8.8	39	J								
3												
4	383	0.0	0	H								
5	370	0.0	0	H								
6	363	0.0	0	H								
7	357	7.7	28	J								
8	356	7.7	29	J								
9	360	8.4	32	J								
10	367	11.1	18	J								
11	368	16.0	19	J								
12	369	19.2	22	J								
13	366	20.2	24	J								
14	363	18.4	24	J								
15	366	0.0	0	H								
16	362	17.0	19	J								
17	361	19.6	19	J								
18	365	0.0	0	H								
19	362	17.0	24	J								
20	355	17.7	23	J								
21	361	0.0	0	H								
22	361	0.0	0	H								
23	353	19.3	21	J								
24	402	32.9	39	J								
					JUL. 4, 1978							185
1	423	34.4	51	J								
2	411	35.7	52	J								
3	420	30.9	63	J								
4	441	34.0	78	J								
5	435	34.0	83	J								
6	424	0.0	0	H								
7	412	0.0	0	H								
8	411	0.0	0	H								
9	419	0.0	0	H								
10	456	0.0	0	H								
11	466	0.0	0	H								
12	443	0.0	0	H								
13	443	0.0	0	H								
14	445	0.0	0	H								
15	431	0.0	0	H								
16	446	0.0	0	H								
17	431	0.0	0	H								
18												
19												
20												
21	478	0.0	0	H								
22	484	0.0	0	H								
23												
24	470	0.0	0	H								
					JUL. 5, 1978							186
1	462	0.0	0	H								
2												
3												
4	492	0.0	0	H								
5	499	0.0	0	H								
6												
7	473	0.0	0	H								
8	484	0.0	0	H								
9	474	0.0	0	H								
10												
11	487	0.0	0	H								
12	466	0.0	0	H								
13	473	0.0	0	H								
14	469	0.0	0	H								
15	466	0.0	0	H								
16	453	0.0	0	H								
17												
18												
19	446	0.0	0	H								
20	451	0.0	0	H								
21	526	0.0	0	H								
22	449	0.0	0	H								
23	450	0.0	0	H								
24	449	0.0	0	H								
					JUL. 6, 1978							187
1	461	0.0	0	H								
2	462	0.0	0	H								
3	449	0.0	0	H								
4	471	0.0	0	H								
5	459	0.0	0	H								
6												
7	447	0.0	0	H								
8	448	0.0	0	H								
9												
10	443	0.0	0	H								
11												
12												
13	429	0.0	0	H								
14	421	0.0	0	H								
15	423	0.0	0	H								
16	428	0.0	0	H								
17												
18												
19	429	0.0	0	H								
20												
21	421	0.0	0	H								
22	418	0.0	0	H								
23	416	0.0	0	H								
24	441	0.0	0	H								
					JUL. 7, 1978							188
1	446	0.0	0	H								
2	432	0.0	0	H								
3	427	0.0	0	H								
4	439	0.0	0	H								
5												
6												
7												
8												
9	457	0.0	0	H								
10	432	0.0	0	H								
11	454	0.0	0	H								
12	426	0.0	0	H								
13	446	0.0	0	H								
14	433	0.0	0	H								
15	486	0.0	0	H								
16	477	0.0	0	H								
17	468	0.0	0	H								
18												
19	476	0.0	0	H								
20	475	0.0	0	H								
21	486	0.0	0	H								
22	462	0.0	0	H								
23	463	0.0	0	H								
24	471	0.0	0	H								
					JUL. 8, 1978							189
1	469	0.0	0	H								
2	463	0.0	0	H								
3	469	0.0	0	H								
4	454	0.0	0	H								
5	448	0.0	0	H								
6	439	0.0	0	H								
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19	493	31.9	61	J								
20	501	32.5	51	J								
21	487	30.6	50	J								
22												
23												
24												
					JUL. 9, 1978							190
1	469	15.8	55	J								
2	483	14.2	49	J								
3	475	12.1	53	J								
4												
5	456	11.5	36	J								
6	454	10.7	62	J								
7	440	9.4	59	J								
8	439	10.4	71	J								
9	457	7.6	96	J								
10	460	6.4	77	J								
11	459	5.2	68	J								
12	479	5.2	119	J								
13	487	5.1	146	J								
14	479	4.9	155	J								
15	483	4.9	233	J								
16	521	5.0	193	J								
17	477	4.9	203	J								
18	476	5.6	224	J								
19												
20												
21	448	6.0	182	J								
22	465	6.3	186	J								
23	459	6.4	179	J								
24	444	6.0	152	J								
					JUL. 10, 1978							191
1	430	5.8	111	J								
2	454	6.9	155	J								
3												
4	417	8.6	193	J								
5	418	7.5	134	J								
6	432	7.2	153	J								
7	402	6.4	88	J								
8	423	6.2	97	J								
9	442	6.3	103	J								
10	452	4.9	86	J								
11	464	4.4	75	J								
12	465	4.0	69	J								
13	465	4.3	76	J								
14												
15	456	4.3	67	J								
16	462	4.4	72	J								
17												
18												
19	455	4.6	65	J								
20	454	4.7	72	J								
21												
22	458	4.6	71	J								
23	461	4.6	70	J								
24	466	4.5	68	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 11, 1978							192
1	465	4.5	64	J								
2	478	4.5	67	J								
3	469	4.9	84	J								
4	455	4.7	59	J								
5	455	4.7	83	J								
6												
7	429	4.4	64	J								
8	443	4.6	58	J								
9	411	4.0	36	J								
10	415	3.8	36	J								
11	411	4.1	31	J								
12												
13	403	4.4	46	J								
14	402	4.2	50	J								
15	410	3.9	42	J								
16	388	4.0	114	J								
17	377	3.7	32	J								
18	371	3.9	31	J								
19	362	3.9	57	J								
20	368	3.1	27	J								
21	359	3.5	42	J								
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 12, 1978							193
1	370	4.4	20	J								
2	341	4.3	18	J								
3	342	4.3	18	J								
4	351	3.6	36	J								
5	350	4.3	34	J								
6												
7	344	4.1	32	J								
8	338	4.6	17	J								
9	338	5.1	16	J								
10	341	5.2	19	J								
11	341	5.2	16	J								
12												
13	352	7.7	26	J								
14	348	7.7	20	J								
15	339	8.3	14	J								
16	341	8.7	14	J								
17	357	9.5	13	J								
18	364	7.9	14	J								
19												
20	369	8.6	18	J								
21	373	7.6	16	J								
22	373	8.6	26	J								
23	362	8.0	25	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 13, 1978							194
1	400	12.5	37	J								
2	410	14.7	43	J								
3	416	15.8	46	J								
4												
5												
6	442	23.0	111	J								
7	439	24.4	131	J								
8	433	18.4	109	J								
9												
10												
11												
12												
13												
14	416	10.5	91	J								
15	412	10.3	102	J								
16	426	9.7	100	J								
17												
18	387	9.4	141	J								
19	406	9.1	96	J								
20	392	8.8	120	J								
21	390	8.5	93	J								
22												
23	377	7.8	84	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 14, 1978							195
1												
2												
3												
4												
5												
6												
7	484	16.0	240	J								
8	486	14.8	173	J								
9	507	15.4	79	J								
10												
11												
12												
13												
14												
15												
16												
17												
18	525	9.8	105	J								
19	496	13.1	99	J								
20	505	13.3	97	J								
21												
22	493	8.6	25	J								
23												
24	465	14.4	46	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 15, 1978							196
1	474	18.5	39	J								
2												
3												
4												
5												
6	453	23.3	30	J								
7	455	19.2	24	J								
8	452	7.9	19	J								
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21	442	3.3	23	J								
22	445	3.7	26	J								
23	445	3.9	27	J								
24	430	3.9	37	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 20, 1978							201
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	365	5.9	45	J								
18	367	5.8	39	J								
19	364	5.8	25	J								
20	362	5.1	30	J								
21	367	5.4	24	J								
22	358	4.9	32	J								
23	361	4.0	33	J								
24	368	3.8	40	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 21, 1978							202
1	371	3.6	37	J								
2	376	4.0	38	J								
3												
4	366	4.1	35	J								
5	366	4.2	38	J								
6	365	4.3	35	J								
7	380	6.0	54	J								
8	394	6.2	34	J								
9	390	6.2	19	J								
10	386	6.2	22	J								
11	386	6.5	24	J								
12	384	6.6	21	J								
13	356	6.8	38	J								
14	336	6.1	16	J								
15	357	6.3	43	J								
16	360	6.9	43	J								
17	357	7.2	43	J								
18	362	6.8	37	J								
19	357	7.3	40	J								
20	359	8.5	43	J								
21	367	8.7	47	J								
22	352	9.0	108	J								
23	355	9.3	79	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 22, 1978							203
1	382	9.8	34	J								
2	390	10.5	45	J								
3	362	10.6	51	J								
4	359	11.0	44	J								
5	364	11.3	37	J								
6	367	11.2	50	J								
7												
8	367	6.8	26	J								
9	356	5.9	19	J								
10	360	5.4	14	J								
11	354	5.3	15	J								
12	359	6.8	20	J								
13	362	7.1	24	J								
14	359	5.2	14	J								
15	354	5.9	20	J								
16	357	5.7	17	J								
17	359	6.2	15	J								
18												
19												
20	359	8.0	24	J								
21	363	8.2	21	J								
22	359	8.1	29	J								
23	359	8.3	29	J								
24	359	9.5	35	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
					JUL. 23, 1978							204
1	358	8.7	41	J								
2	359	8.5	41	J								
3	357	7.7	44	J								
4	357	7.1	56	J								
5	344	6.4	44	J								
6												
7												
8												
9												
10	331	4.5	27	J								
11	337	4.8	39	J								
12	334	5.1	36	J								
13	331	5.8	35	J								
14	334	5.5	35	J								
15	335	5.4	38	J								
16	342	5.7	46	J								
17	349	8.4	39	J								
18	361	10.7	32	J								
19	377	12.9	25	J								
20	366	12.0	24	J								
21	360	10.4	35	J								
22												
23												
24	343	9.3	32	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 24, 1978							205
1	340	9.5	24	J								
2	347	9.4	34	J								
3	336	8.9	28	J								
4	334	8.7	30	J								
5	337	8.3	28	J								
6												
7												
8												
9	337	7.8	17	J								
10	332	7.1	24	J								
11												
12												
13												
14												
15												
16												
17												
18	340	8.4	19	J								
19	342	8.1	23	J								
20	343	8.4	21	J								
21	344	8.4	21	J								
22												
23	337	5.6	17	J								
24	342	6.1	24	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 25, 1978							206
1												
2												
3												
4												
5	341	6.3	33	J								
6	337	5.0	18	J								
7												
8												
9												
10												
11												
12	347	4.6	31	J								
13												
14												
15	326	4.2	25	J								
16	328	4.5	48	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	SG	IMF SC
					JUL. 26, 1978							207
1	318	5.8	18	J								
2	317	5.9	16	J								
3												
4												
5	323	5.6	16	J								
6	313	4.8	17	J								
7	312	6.4	18	J								
8	311	6.7	16	J								
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
					JUL. 27, 1978							208
1	315	11.1	11	J								
2	314	11.8	11	J								
3												
4												
5	315	10.3	11	J								
6	316	11.0	12	J								
7	318	10.2	13	J								
8	318	10.1	11	J								
9	315	7.6	12	J								
10	308	9.2	24	J								
11	310	9.3	31	J								
12	313	0.0	0	H								
13	309	0.0	0	H								
14	307	0.0	0	H								
15	307	0.0	0	H								
16	305	0.0	0	H								
17	304	0.0	0	H								
18	307	0.0	0	H								
19	304	0.0	0	H								
20	304	0.0	0	H								
21	306	0.0	0	H								
22	306	0.0	0	H								
23	305	0.0	0	H								
24	305	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 28, 1978							209
1												
2												
3												
4												
5												
6												
7	331	0.0	0	H								
8	328	0.0	0	H								
9	323	0.0	0	H								
10	317	19.9	34	J								
11	322	16.0	31	J								
12	319	24.3	23	J								
13	313	21.9	24	J								
14	310	20.6	23	J								
15	309	0.0	0	H								
16	296	16.8	24	J								
17	306	21.5	36	J								
18	303	15.7	15	J								
19	297	15.3	24	J								
20												
21												
22												
23	3[illegible]	0.0	0	H								
24	300	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 29, 1978							210
1	297	0.0	0	H								
2	298	0.0	0	H								
3	298	0.0	0	H								
4	299	0.0	0	H								
5	290	0.0	0	H								
6	295	0.0	0	H								
7	297	0.0	0	H								
8	285	0.0	0	H								
9	289	0.0	0	H								
10	292	0.0	0	H								
11	283	0.0	0	H								
12	283	0.0	0	H								
13	296	0.0	0	H								
14	300	0.0	0	H								
15	301	0.0	0	H								
16	302	0.0	0	H								
17	303	0.0	0	H								
18	302	0.0	0	H								
19	332	0.0	0	H								
20												
21												
22	334	0.0	0	H								
23	335	0.0	0	H								
24	301	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					JUL. 30, 1978							211
1	303	0.0	0	H								
2	305	0.0	0	H								
3	309	0.0	0	H								
4	307	0.0	0	H								
5	303	0.0	0	H								
6	301	0.0	0	H								
7	307	0.0	0	H								
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	INF SC
					AUG. 2, 1978							214
1												
2												
3												
4												
5												
6	258	11.6	45	J								
7	257	9.6	47	J								
8	257	9.7	46	J								
9	263	9.8	44	J								
10	292	10.3	36	J								
11	284	10.0	34	J								
12	275	13.4	34	J								
13	270	10.3	41	J								
14	283	9.9	47	J								
15	286	10.0	32	J								
16	281	10.0	31	J								
17	280	11.0	35	J								
18	281	12.8	25	J								
19	307	12.1	33	J								
20	316	10.3	50	J								
21	314	10.9	72	J								
22	317	12.1	63	J								
23												
24	322	16.0	50	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					AUG. 3, 1978							215
1	317	17.4	44	J								
2	322	22.0	34	J								
3	321	29.4	31	J								
4	326	43.4	27	J								
5	338	31.9	29	J								
6	351	19.7	85	J								
7	355	18.8	78	J								
8	353	20.2	88	J								
9	349	22.3	94	J								
10	352	23.0	106	J								
11	365	24.0	172	J								
12	365	23.1	107	J								
13	365	17.3	83	J								
14	391	17.9	107	J								
15	398	15.6	98	J								
16	412	15.8	123	J								
17	454	16.7	215	J								
18	465	17.6	241	J								
19	436	15.2	204	J								
20	438	13.9	160	J								
21	461	13.6	161	J								
22	453	12.9	148	J								
23	442	13.7	153	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					AUG. 4, 1978							216
1												
2												
3	470	12.6	172	J								
4	455	12.5	167	J								
5	432	11.6	123	J								
6	443	13.0	190	J								
7	422	10.9	145	J								
8												
9	453	13.2	204	J								
10	459	12.8	193	J								
11	452	11.2	177	J								
12	472	11.1	151	J								
13	481	10.8	148	J								
14	480	9.6	134	J								
15	471	8.8	122	J								
16	446	8.4	97	J								
17	469	9.1	102	J								
18	467	9.0	97	J								
19	459	8.5	98	J								
20	464	8.4	92	J								
21	443	8.2	91	J								
22	447	8.9	96	J								
23	453	8.7	88	J								
24	440	7.8	86	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					AUG. 5, 1978							217
1	439	7.5	97	J								
2	435	7.4	102	J								
3	451	7.6	104	J								
4	458	7.3	67	J								
5	463	6.0	37	J								
6	469	6.9	86	J								
7	483	6.2	106	J								
8	510	6.5	88	J								
9	494	6.6	98	J								
10	507	7.0	80	J								
11	494	7.4	93	J								
12	496	7.7	98	J								
13	493	8.1	99	J								
14	494	9.1	120	J								
15	497	8.7	145	J								
16	529	5.8	125	J								
17	524	5.8	110	J								
18	520	6.0	153	J								
19	516	7.0	136	J								
20	515	6.4	122	J								
21	532	6.1	165	J								
22	513	6.5	133	J								
23	509	6.3	157	J								
24	516	6.1	137	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					AUG. 6, 1978							218
1	523	6.0	185	J								
2	530	7.7	143	J								
3												
4												
5	551	5.0	145	J								
6	543	4.6	138	J								
7	530	4.8	155	J								
8	546	4.8	180	J								
9	556	4.2	124	J								
10	542	3.9	121	J								
11	562	3.7	120	J								
12	527	4.3	221	J								
13	550	3.0	114	J								
14	555	3.3	136	J								
15	554	3.2	136	J								
16	560	3.4	132	J								
17	541	3.4	138	J								
18	543	3.2	125	J								
19	562	3.2	88	J								
20	549	3.1	102	J								
21	578	3.0	87	J								
22												
23												
24	521	3.2	81	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					AUG. 7, 1978							219
1	510	3.5	67	J								
2	505	3.2	54	J								
3	493	3.3	74	J								
4												
5												
6												
7	513	3.4	56	J								
8	495	3.3	61	J								
9	501	3.2	62	J								
10	491	3.5	90	J								
11	508	3.0	57	J								
12	487	3.2	56	J								
13	476	3.3	62	J								
14	485	3.3	55	J								
15	465	3.4	53	J								
16	464	3.6	46	J								
17	460	3.2	40	J								
18	450	3.1	56	J								
19	448	3.3	76	J								
20												
21												
22												
23												
24	423	2.7	42	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					AUG. 8, 1978							220
1	436	2.7	39	J								
2	422	2.6	36	J								
3	415	3.5	36	J								
4	410	4.0	35	J								
5	408	4.4	33	J								
6	414	4.4	31	J								
7	411	4.5	26	J								
8												
9												
10												
11												
12												
13												
14	393	7.6	40	J								
15	373	7.2	37	J								
16	391	8.5	46	J								
17	390	8.5	43	J								
18	344	0.0	0	H								
19	402	8.1	30	J								
20	400	9.1	39	J								
21	383	8.0	34	J								
22	394	7.7	39	J								
23	387	7.7	31	J								
24	389	8.4	39	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	INF SC
					AUG. 9, 1978							221
1	390	9.4	54	J								
2	390	10.7	71	J								
3	386	8.0	29	J								
4	384	9.1	31	J								
5	372	8.6	43	J								
6	366	7.9	50	J								
7	358	7.4	56	J								
8	375	7.5	32	J								
9	375	7.3	36	J								
10	378	6.5	28	J								
11	370	6.2	34	J								
12	359	5.6	37	J								
13	352	5.1	20	J								
14	352	4.7	22	J								
15	335	6.0	12	J								
16	360	5.2	25	J								
17	349	5.3	16	J								
18	354	5.5	17	J								
19	342	0.0	0	H								
20	349	0.0	0	H								
21	348	6.4	21	J								
22	356	6.5	22	J								
23	370	6.2	19	J								
24	377	3.6	30	J								

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG SC	IMF
AUG. 10, 1978												222
1	390	0.0	0	H								
2	384	3.9	32	J								
3	377	4.1	29	J								
4												
5	373	6.0	23	J								
6												
7	386	0.0	0	H								
8	378	0.0	0	H								
9	372	8.6	23	J								
10	383	9.3	26	J								
11	388	9.3	24	J								
12	379	9.3	22	J								
13	371	9.1	25	J								
14	369	8.8	27	J								
15	356	9.2	47	J								
16	368	0.0	0	H								
17	367	0.0	0	H								
18	367	0.0	0	H								
19												
20												
21												
22	365	0.0	0	H								
23	359	0.0	0	H								
24	363	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG SC	IMF
AUG. 11, 1978												223
1	369	0.0	0	H								
2												
3												
4	374	0.0	0	H								
5	364	0.0	0	H								
6	354	0.0	0	H								
7	353	0.0	0	H								
8	346	0.0	0	H								
9	346	0.0	0	H								
10	349	0.0	0	H								
11	357	0.0	0	H								
12	369	0.0	0	H								
13	373	0.0	0	H								
14	371	0.0	0	H								
15	383	0.0	0	H								
16	379	0.0	0	H								
17	362	0.0	0	H								
18	374	0.0	0	H								
19	371	0.0	0	H								
20												
21	376	0.0	0	H								
22												
23	370	0.0	0	H								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG SC	IMF
AUG. 12, 1978												224
1	368	0.0	0	H								
2	371	0.0	0	H								
3	365	0.0	0	H								
4	369	0.0	0	H								
5	376	0.0	0	H								
6	387	0.0	0	H								
7	389	0.0	0	H								
8	375	0.0	0	H								
9	380	0.0	0	H								
10	397	0.0	0	H								
11	432	0.0	0	H								
12												
13												
14												
15												
16												
17	443	0.0	0	H								
18	441	0.0	0	H								
19	468	0.0	0	H								
20	467	0.0	0	H								
21	453	0.0	0	H								
22												
23	531	0.0	0	H								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG SC	IMF
AUG. 13, 1978												225
1	472	0.0	0	H								
2	473	0.0	0	H								
3	475	0.0	0	H								
4	475	0.0	0	H								
5	464	0.0	0	H								
6	477	0.0	0	H								
7	469	0.0	0	H								
8	472	0.0	0	H								
9	458	0.0	0	H								
10	466	0.0	0	H								
11	439	0.0	0	H								
12	444	0.0	0	H								
13	432	0.0	0	H								
14	424	0.0	0	H								
15	445	0.0	0	H								
16	447	0.0	0	H								
17	461	0.0	0	H								
18	435	0.0	0	H								
19	453	0.0	0	H								
20	467	0.0	0	H								
21	452	0.0	0	H								
22	456	0.0	0	H								
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG SC	IMF
AUG. 14, 1978												226
1	445	0.0	0	H								
2	417	0.0	0	H								
3												
4												
5												
6												
7												
8	411	0.0	0	H								
9	411	0.0	0	H								
10	411	0.0	0	H								
11	399	0.0	0	H								
12	370	0.0	0	H								
13	374	0.0	0	H								
14	390	0.0	0	H								
15	435	0.0	0	H								
16	407	0.0	0	H								
17	384	0.0	0	H								
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 SC	IMF
AUG. 15, 1978												227
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	334	3.8	37	J								
14	337	4.1	38	J								
15	353	7.1	20	J								
16	353	8.1	32	J								
17	344	7.3	22	J								
18												
19												
20												
21	344	9.2	20	J								
22	343	9.8	19	J								
23	338	11.2	15	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG SC	IMF
AUG. 16, 1978												228
1												
2												
3												
4	326	10.3	13	J								
5	326	10.7	15	J								
6	321	8.5	33	J								
7	316	7.8	43	J								
8	318	7.6	58	J								
9	320	7.6	74	J								
10	326	8.3	55	J								
11	344	8.1	28	J								
12												
13												
14												
15												
16	323	18.2	18	J								
17	322	20.9	16	J								
18	316	22.5	16	J								
19	324	23.3	14	J								
20	329	21.3	19	J								
21	337	12.1	40	J								
22	337	11.4	55	J								
23	339	11.0	63	J								
24	337	11.2	65	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG SC	IMF
AUG. 17, 1978												229
1	340	10.5	63	J								
2	338	11.0	46	J								
3	340	11.2	51	J								
4	337	11.7	43	J								
5	338	12.2	36	J								
6	336	12.7	32	J								
7	337	12.8	38	J								
8	338	14.3	35	J								
9	348	15.9	28	J								
10	350	16.4	40	J								
11	357	23.2	38	J								
12	353	22.4	41	J								
13	353	19.7	45	J								
14	354	13.6	77	J								
15	365	12.6	129	J								
16	371	12.0	106	J								
17	378	11.8	121	J								
18	384	11.3	98	J								
19	375	10.9	99	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
					AUG. 18, 1978							230
1												
2	424	8.1	116	J								
3	415	6.9	70	J								
4	411	6.7	53	J								
5												
6												
7												
8												
9	393	7.3	58	J								
10	392	8.1	59	J								
11	391	8.9	70	J								
12	392	8.4	73	J								
13	403	10.9	88	J								
14	445	15.4	121	J								
15	420	14.6	84	J								
16	418	15.4	55	J								
17	407	13.9	56	J								
18	418	16.6	72	J								
19	405	16.9	70	J								
20	402	18.2	76	J								
21	425	11.3	111	J								
22	423	13.2	79	J								
23	443	10.1	65	J								
24	437	6.8	70	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 19, 1978							231
	459	5.0	38	J								
	470	4.9	52	J								
	471	5.3	71	J								
	461	5.4	66	J								
	473	6.0	87	J								
	465	6.9	74	J								
	446	5.8	67	J								
	443	6.2	98	J								
	458	6.7	78	J								
	458	6.1	49	J								
	449	5.8	69	J								
	428	5.4	71	J								
	431	5.4	73	J								
	425	5.3	58	J								
	419	4.9	50	J								
	418	5.4	37	J								
	416	4.7	33	J								
	421	4.8	40	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 20, 1978							232
1	417	4.8	30	J								
2	411	4.8	27	J								
3	414	5.0	27	J								
4	410	4.9	26	J								
5												
6												
7	413	4.3	26	J								
8	405	4.3	32	J								
9	402	4.1	29	J								
10												
11												
12												
13												
14												
15												
16												
17												
18												
19	362	5.4	27	J								
20	361	6.0	41	J								
21												
22												
23												
24	337	4.1	20	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 21, 1978							233
	339	6.5	31	J								
	361	6.6	17	J								
	350	6.6	32	J								
	332	7.4	15	J								
	331	7.6	15	J								
	334	7.6	15	J								
	341	8.5	21	J								
	343	8.6	19	J								
	342	0.0	0	H								
	333	0.0	0	H								
	330	0.0	0	H								
	328	0.0	0	H								
	331	0.0	0	H								
	327	11.0	18	J								
	329	12.2	15	J								
	335	24.1	10	J								
	342	12.1	19	J								
	350	9.1	19	J								
	356	11.0	16	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 22, 1978							234
1	358	15.0	14	J								
2	351	11.9	22	J								
3	344	11.3	33	J								
4	352	0.0	0	H								
5	346	0.0	0	H								
6	345	0.0	0	H								
7	356	10.3	56	J								
8	357	11.6	39	J								
9	354	10.9	36	J								
10	346	10.2	36	J								
11	346	10.2	49	J								
12	337	10.0	39	J								
13	341	9.6	37	J								
14	338	0.0	0	H								
15	338	9.3	47	J								
16	333	9.2	37	J								
17	336	9.8	32	J								
18	337	9.9	32	J								
19	335	10.1	37	J								
20	338	10.4	36	J								
21	335	9.7	37	J								
22	335	9.4	36	J								
23	332	8.8	37	J								
24	338	9.0	31	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 23, 1978							235
	335	8.8	34	J								
	325	8.6	39	J								
	324	8.4	40	J								
	320	8.7	45	J								
	325	8.6	32	J								
	331	8.3	26	J								
	319	8.0	28	J								
	315	8.5	30	J								
	311	0.0	0	H								
	307	0.0	0	H								
	306	0.0	0	H								
	303	0.0	0	H								
	306	0.0	0	H								
	309	0.0	0	H								
	309	0.0	0	H								
	310	0.0	0	H								
	302	0.0	0	H								
	329	0.0	0	H								
	331	0.0	0	H								
	325	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 24, 1978							236
1												
2												
3												
4	333	0.0	0	H								
5	335	0.0	0	H								
6	332	0.0	0	H								
7	331	0.0	0	H								
8	325	0.0	0	H								
9	314	0.0	0	H								
10	317	0.0	0	H								
11	314	0.0	0	H								
12	317	0.0	0	H								
13	315	0.0	0	H								
14	314	0.0	0	H								
15	314	0.0	0	H								
16	312	0.0	0	H								
17	307	0.0	0	H								
18	305	0.0	0	H								
19	323	0.0	0	H								
20	318	0.0	0	H								
21												
22												
23	304	0.0	0	H								
24	304	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					AUG. 25, 1978							237
	308	0.0	0	H								
	319	0.0	0	H								
	317	0.0	0	H								
	314	0.0	0	H								
	316	0.0	0	H								
	313	0.0	0	H								
	333	0.0	0	H								
	347	0.0	0	H								
	363	0.0	0	H								
	364	0.0	0	H								
	348	0.0	0	H								
	355	0.0	0	H								
	373	0.0	0	H								
	344	0.0	0	H								
	359	0.0	0	H								
	366	0.0	0	H								

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HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B GSE GSE BXGSM BYGSM BZGSM SG IMF MAGN LAT LON SC
					AUG. 26, 1978 238
1					
2					
3	385	0.0	0	H	
4	382	0.0	0	H	
5	376	0.0	0	H	
6	379	0.0	0	H	
7	377	0.0	0	H	
8	376	0.0	0	H	
9	373	0.0	0	H	
10	375	0.0	0	H	
11	371	0.0	0	H	
12	371	0.0	0	H	
13	362	0.0	0	H	
14	362	0.0	0	H	
15	355	0.0	0	H	
16					
17					
18	346	0.0	0	H	
19	342	0.0	0	H	
20	350	0.0	0	H	
21	330	0.0	0	H	
22	316	0.0	0	H	
23	311	0.0	0	H	
24	310	0.0	0	H	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B GSE GSE BXGSM BYGSM BZGSM SG IMF MAGN LAT LON SC
					AUG. 27, 1978 239
1	307	0.0	0	H	
2					
3					
4					
5					
6					
7					
8	440	0.0	0	H	
9	431	0.0	0	H	
10	423	0.0	0	H	
11	422	0.0	0	H	
12	416	0.0	0	H	
13	410	0.0	0	H	
14	394	0.0	0	H	
15	381	0.0	0	H	
16	389	0.0	0	H	
17	395	0.0	0	H	
18	405	0.0	0	H	
19	402	0.0	0	H	
20	399	0.0	0	H	
21	435	0.0	0	H	
22	454	0.0	0	H	
23					
24	452	0.0	0	H	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B GSE GSE BXGSM BYGSM BZGSM SG IMF MAGN LAT LON SC
					AUG. 28, 1978 240
1	465	0.0	0	H	
2	438	0.0	0	H	
3	393	0.0	0	H	
4					
5	449	12.4	76	J	
6	477	29.7	82	J	
7	480	25.0	94	J	
8	473	29.0	98	J	
9	469	35.8	161	J	
10	473	27.8	142	J	
11	474	17.1	75	J	
12	449	25.4	122	J	
13	462	25.6	166	J	
14	487	18.6	137	J	
15	528	33.1	160	J	
16	546	42.4	185	J	
17	548	37.7	168	J	
18	564	13.5	118	J	
19	567	17.5	89	J	
20	530	10.1	154	J	
21	541	5.2	116	J	
22	520	5.5	93	J	
23	547	6.5	193	J	
24	555	6.9	160	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B GSE GSE BXGSM BYGSM BZGSM SG IMF MAGN LAT LON SC
					AUG. 29, 1978 241
1	565	5.2	82	J	
2	555	5.3	98	J	
3	565	5.8	86	J	
4	564	5.4	69	J	
5	551	5.1	66	J	
6	547	4.7	76	J	
7	535	4.7	78	J	
8	531	5.1	87	J	
9	527	5.1	111	J	
10	550	5.4	99	J	
11	524	5.1	85	J	
12	539	5.9	103	J	
13	537	5.2	111	J	
14	535	5.8	178	J	
15	539	5.6	135	J	
16	549	5.7	149	J	
17	510	4.9	77	J	
18	514	6.3	115	J	
19	508	6.6	94	J	
20					
21					
22					
23	474	6.2	91	J	
24					

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B GSE GSE BXGSM BYGSM BZGSM SG IMF MAGN LAT LON SC
					AUG. 30, 1978 242
1	503	6.9	90	J	
2	496	6.9	98	J	
3					
4					
5	495	7.3	87	J	
6					
7	503	6.0	68	J	
8	482	6.2	96	J	
9	475	5.3	122	J	
10	525	5.9	207	J	
11	538	5.5	206	J	
12	513	5.8	129	J	
13	523	6.2	179	J	
14	511	5.0	65	J	
15	506	5.7	56	J	
16					
17					
18					
19	541	5.0	98	J	
20	576	5.7	165	J	
21	569	5.9	128	J	
22	548	5.2	88	J	
23	566	5.6	108	J	
24	595	5.7	184	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B GSE GSE BXGSM BYGSM BZGSM SG IMF MAGN LAT LON SC
					SEP. 1, 1978 244
1					
2					
3					
4					
5					
6					
7					
8					
9	587	4.5	148	J	
10					
11	604	3.8	121	J	
12	602	3.8	110	J	
13					
14					
15					
16					
17					
18					
19					
20					
21					
22	484	0.0	0	H	
23					
24					

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B GSE GSE BXGSM BYGSM BZGSM SG IMF MAGN LAT LON SC
					SEP. 2, 1978 245
1	554	4.5	102	J	
2	546	4.7	114	J	
3	542	4.6	105	J	
4					
5					
6	501	0.0	0	H	
7	562	4.2	85	J	
8	561	4.3	111	J	
9	561	4.3	102	J	
10	500	0.0	0	H	
11	523	3.6	71	J	
12					
13	541	0.0	0	H	
14	528	4.4	117	J	
15	524	0.0	0	H	
16	526	0.0	0	H	
17	536	0.0	0	H	
18	544	0.0	0	H	
19	518	4.9	81	J	
20	511	5.1	60	J	
21	526	4.7	78	J	
22	518	4.6	65	J	
23	507	4.0	49	J	
24	509	4.9	53	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B GSE GSE BXGSM BYGSM BZGSM SG IMF MAGN LAT LON SC
					SEP. 3, 1978 246
1	509	4.9	48	J	
2	512	4.8	71	J	
3	528	4.7	67	J	
4	518	0.0	0	H	
5	514	0.0	0	H	
6	532	4.5	60	J	
7	504	4.4	51	J	
8	501	4.3	49	J	
9	490	4.5	70	J	
10	484	4.1	65	J	
11	488	4.4	68	J	
12	480	4.1	68	J	
13	462	3.3	38	J	
14	512	4.8	64	J	
15	466	4.3	58	J	
16	462	4.2	49	J	
17	466	4.1	52	J	
18	462	3.8	34	J	
19	457	3.8	40	J	
20	461	4.2	55	J	
21	450	3.7	44	J	
22	469	4.2	48	J	
23	467	4.8	59	J	
24	474	4.4	53	J	

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 4, 1978							247
1	469	4.7	49	J								
2	430	4.5	66	J								
3	393	0.0	0	H								
4	413	0.0	0	H								
5	415	0.0	0	H								
6	459	0.0	0	H								
7	422	4.9	32	J								
8	422	4.9	45	J								
9	416	5.0	33	J								
10	410	5.1	27	J								
11	412	5.0	31	J								
12	411	5.2	36	J								
13	407	4.8	30	J								
14	407	5.1	24	J								
15	387	5.5	46	J								
16	390	5.3	30	J								
17	381	5.5	26	J								
18	390	5.7	33	J								
19	381	5.9	28	J								
20	381	6.6	27	J								
21	383	6.2	24	J								
22	376	6.6	27	J								
23	369	6.6	25	J								
24	373	7.0	25	J								
					SEP. 5, 1978							248
1	367	6.7	31	J								
2	354	7.0	47	J								
3	363	6.8	21	J								
4	355	6.5	22	J								
5												
6												
7												
8	348	0.0	0	H								
9	352	0.0	0	H								
10	348	0.0	0	H								
11												
12												
13												
14												
15												
16	338	0.0	0	H								
17												
18												
19												
20	383	0.0	0	H								
21	384	0.0	0	H								
22												
23												
24												
					SEP. 6, 1978							249
1												
2												
3	372	0.0	0	H								
4	411	0.0	0	H								
5	409	0.0	0	H								
6	414	0.0	0	H								
7	413	0.0	0	H								
8	409	0.0	0	H								
9	409	0.0	0	H								
10	433	0.0	0	H								
11	447	0.0	0	H								
12												
13	461	0.0	0	H								
14												
15	484	0.0	0	H								
16	449	0.0	0	H								
17	475	0.0	0	H								
18												
19	484	0.0	0	H								
20												
21												
22												
23												
24												
					SEP. 7, 1978							250
1												
2												
3												
4	414	0.0	0	H								
5	411	0.0	0	H								
6	414	0.0	0	H								
7												
8												
9	408	0.0	0	H								
10												
11												
12												
13	417	0.0	0	H								
14	411	0.0	0	H								
15	375	0.0	0	H								
16	413	0.0	0	H								
17	386	0.0	0	H								
18	419	0.0	0	H								
19	406	0.0	0	H								
20	411	0.0	0	H								
21	419	0.0	0	H								
22	432	0.0	0	H								
23	396	0.0	0	H								
24												
					SEP. 8, 1978							251
1												
2	413	0.0	0	H								
3												
4												
5	412	0.0	0	H								
6												
7												
8												
9												
10												
11												
12												
13	439	0.0	0	H								
14												
15	397	0.0	0	H								
16	397	0.0	0	H								
17												
18	386	0.0	0	H								
19	387	0.0	0	H								
20	381	0.0	0	H								
21	422	0.0	0	H								
22	426	0.0	0	H								
23	447	0.0	0	H								
24	444	0.0	0	H								
					SEP. 9, 1978							252
1	432	0.0	0	H								
2	455	0.0	0	H								
3	467	0.0	0	H								
4	481	0.0	0	H								
5												
6	469	0.0	0	H								
7	486	0.0	0	H								
8	487	0.0	0	H								
9	483	0.0	0	H								
10	467	0.0	0	H								
11	467	0.0	0	H								
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
					SEP. 13, 1978							256
1	397	5.7	75	J								
2	407	5.3	54	J								
3												
4												
5												
6	378	5.7	36	J								
7	374	6.0	26	J								
8	373	6.4	27	J								
9												
10												
11												
12												
13	386	8.3	53	J								
14												
15												
16	378	7.8	65	J								
17	366	7.6	46	J								
18												
19												
20												
21												
22												
23	425	10.1	95	J								
24	413	9.3	63	J								
					SEP. 14, 1978							257
1	388	10.3	54	J								
2	432	15.9	31	J								
3	366	0.0	0	H								
4	355	0.0	0	H								
5	371	0.0	0	H								
6	401	12	35	J								
7	395	[illegible]	32	J								
8	382	[illegible]	43	J								
9	350	0.0	0	H								
10	349	0.0	0	H								
11	346	0.0	0	H								
12												
13												
14												
15	348	7.9	29	J								
16	339	6.1	23	J								
17	343	7.5	29	J								
18	333	7.0	17	J								
19	338	6.7	22	J								
20	335	7.0	18	J								
21	335	6.5	16	J								
22	334	6.5	16	J								
23	330	6.5	18	J								
24	327	6.6	20	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
					SEP. 15, 1978							258
1	323	6.5	25	J								
2	336	0.0	0	H								
3	339	6.7	26	J								
4												
5	336	0.0	0	H								
6	332	0.0	0	H								
7	339	7.8	21	J								
8	326	7.4	25	J								
9	326	7.9	24	J								
10	322	8.4	30	J								
11	324	8.4	33	J								
12	336	0.0	0	H								
13	336	0.0	0	H								
14	337	0.0	0	H								
15												
16												
17	323	7.5	24	J								
18	317	7.2	22	J								
19	322	7.9	27	J								
20	320	8.0	31	J								
21	316	8.9	62	J								
22												
23	319	10.2	39	J								
24	334	11.0	19	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 16, 1978							259
1	337	11.7	16	J								
2	340	12.1	18	J								
3	341	11.8	26	J								
4	356	11.6	25	J								
5	355	10.2	25	J								
6	347	11.0	31	J								
7	339	10.7	23	J								
8	336	0.0	0	H								
9	332	0.0	0	H								
10	337	0.0	0	H								
11	338	0.0	0	H								
12	335	0.0	0	H								
13	336	8.7	34	J								
14	334	9.9	40	J								
15	335	10.3	37	J								
16	337	7.4	20	J								
17	342	8.2	32	J								
18	335	8.3	17	J								
19	335	8.6	14	J								
20	334	9.4	13	J								
21	326	11.0	22	J								
22	342	0.0	0	H								
23	328	0.0	0	H								
24	363	16.6	24	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 17, 1978							260
1	368	13.0	47	J								
2	396	10.2	77	J								
3	398	9.6	83	J								
4	395	0.0	0	H								
5	411	0.0	0	H								
6	397	0.0	0	H								
7	409	0.0	0	H								
8	409	0.0	0	H								
9	417	0.0	0	H								
10	415	0.0	0	H								
11	436	6.1	70	J								
12	406	6.1	62	J								
13	407	6.5	68	J								
14	405	7.3	68	J								
15	398	7.7	92	J								
16	417	0.0	0	H								
17	416	0.0	0	H								
18	435	0.0	0	H								
19												
20												
21												
22												
23												
24	406	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 18, 1978							261
1	402	0.0	0	H								
2	386	0.0	0	H								
3	382	0.0	0	H								
4	393	0.0	0	H								
5	383	0.0	0	H								
6	387	0.0	0	H								
7	382	0.0	0	H								
8	374	0.0	0	H								
9	372	0.0	0	H								
10	369	0.0	0	H								
11	364	0.0	0	H								
12	366	0.0	0	H								
13	369	0.0	0	H								
14	354	0.0	0	H								
15	350	0.0	0	H								
16	343	0.0	0	H								
17	355	0.0	0	H								
18	351	0.0	0	H								
19	342	0.0	0	H								
20	341	0.0	0	H								
21	337	0.0	0	H								
22	337	0.0	0	H								
23	331	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 19, 1978							262
1	332	0.0	0	H								
2	329	0.0	0	H								
3	329	0.0	0	H								
4	330	0.0	0	H								
5	330	0.0	0	H								
6	328	0.0	0	H								
7	314	0.0	0	H								
8	320	0.0	0	H								
9	307	0.0	0	H								
10	307	0.0	0	H								
11	310	0.0	0	H								
12	320	0.0	0	H								
13	309	0.0	0	H								
14	307	0.0	0	H								
15	304	0.0	0	H								
16	302	0.0	0	H								
17	301	0.0	0	H								
18	300	0.0	0	H								
19	300	0.0	0	H								
20	300	0.0	0	H								
21												
22	303	0.0	0	H								
23	299	0.0	0	H								
24	299	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 20, 1978							263
1	298	0.0	0	H								
2	296	0.0	0	H								
3	297	0.0	0	H								
4												
5	296	0.0	0	H								
6	296	0.0	0	H								
7												
8												
9	278	0.0	0	H								
10	277	0.0	0	H								
11	277	0.0	0	H								
12	275	0.0	0	H								
13	274	0.0	0	H								
14	275	0.0	0	H								
15	302	0.0	0	H								
16	300	0.0	0	H								
17	289	0.0	0	H								
18	286	0.0	0	H								
19	284	0.0	0	H								
20												
21	297	0.0	0	H								
22	299	0.0	0	H								
23												
24	301	0.0	0	H								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 21, 1978							264
1	300	0.0	0	H								
2												
3												
4												
5	313	13.1	35	J								
6	324	14.7	45	J								
7	333	15.7	44	J								
8	327	16.0	51	J								
9	331	15.6	48	J								
10	342	16.8	59	J								
11	340	16.1	66	J								
12	338	13.9	60	J								
13	352	13.4	58	J								
14	355	12.2	54	J								
15	361	12.8	65	J								
16	348	10.9	110	J								
17	352	9.8	114	J								
18	357	9.2	100	J								
19	356	9.8	86	J								
20	354	10.0	74	J								
21	353	9.0	66	J								
22	347	8.9	61	J								
23	350	8.8	89	J								
24	356	8.6	75	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 22, 1978							265
1	356	8.4	73	J								
2	351	8.9	77	J								
3	343	8.7	62	J								
4	352	8.4	76	J								
5	349	8.4	75	J								
6	348	8.8	86	J								
7	346	8.7	71	J								
8	362	8.4	71	J								
9	348	8.0	66	J								
10	356	7.9	57	J								
11	341	7.1	29	J								
12	353	8.2	62	J								
13	358	8.1	56	J								
14	368	8.1	64	J								
15	374	8.1	62	J								
16	352	8.0	81	J								
17												
18												
19												
20	337	8.7	78	J								
21												
22												
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 23, 1978							266
1	332	6.9	42	J								
2												
3	364	8.3	47	J								
4	346	7.8	46	J								
5	343	8.2	46	J								
6	337	7.6	37	J								
7	352	8.6	43	J								
8	352	8.9	43	J								
9	340	8.6	49	J								
10	327	8.7	44	J								
11	339	8.6	42	J								
12	341	8.1	45	J								
13	340	7.8	39	J								
14	351	7.5	46	J								
15	368	6.7	28	J								
16	361	6.8	33	J								
17	372	6.8	26	J								
18	374	6.8	23	J								
19	375	7.1	23	J								
20												
21												
22												
23												
24	363	6.5	25	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 24, 1978							267
1	364	6.6	25	J								
2												
3	337	5.5	17	J								
4	350	6.0	26	J								
5	340	6.2	21	J								
6	354	6.3	23	J								
7	342	6.4	21	J								
8	327	6.4	22	J								
9	330	5.9	27	J								
10	339	6.5	19	J								
11	343	7.5	26	J								
12	339	7.8	26	J								
13	348	12.2	62	J								
14	363	13.1	41	J								
15	363	15.0	43	J								
16	352	16.9	69	J								
17	365	16.1	66	J								
18												
19	368	19.6	41	J								
20	360	19.3	37	J								
21	337	16.0	29	J								
22												
23												
24	418	9.0	154	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 25, 1978							268
1												
2												
3	432	8.4	236	J								
4	382	6.6	91	J								
5	377	7.0	88	J								
6	376	7.3	71	J								
7	369	6.0	56	J								
8												
9												
10	467	18.5	298	J								
11	497	22.4	145	J								
12												
13	442	14.4	127	J								
14												
15	490	23.3	116	J								
16	499	23.6	105	J								
17	498	21.0	124	J								
18	489	31.3	165	J								
19	474	26.5	155	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
					SEP. 26, 1978							269
	467	23.4	77	J								
	472	22.7	74	J								
	491	18.4	109	J								
	495	15.6	93	J								
	504	17.1	79	J								
	510	27.3	60	J								
	489	19.6	89	J								
	510	14.4	95	J								
	505	8.1	39	J								
	483	13.7	85	J								
	549	8.9	30	J								
	527	6.1	44	J								
	503	5.0	30	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 27, 1978							270
1												
2												
3												
4												
5												
6	664	5.2	178	J								
7	594	5.3	143	J								
8	574	5.4	117	J								
9	590	7.0	140	J								
10	651	6.5	179	J								
11	650	5.5	138	J								
12	660	6.8	79	J								
13	627	8.3	70	J								
14	618	8.9	79	J								
15	614	5.7	56	J								
16												
17												
18	586	7.3	109	J								
19	587	7.6	135	J								
20	582	7.9	88	J								
21	601	6.5	139	J								
22	588	6.2	207	J								
23	594	7.4	273	J								
24	615	7.1	200	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 28, 1978							271
	614	7.3	199	J								
	637	6.0	160	J								
	627	5.8	158	J								
	627	5.2	105	J								
	646	5.1	167	J								
	665	5.2	205	J								
	644	5.5	181	J								
	649	5.2	152	J								
	625	4.9	84	J								
	622	4.4	75	J								
	631	4.4	98	J								
	631	4.4	86	J								
	643	4.1	110	J								
	716	8.1	249	J								
	695	6.5	328	J								
	688	6.2	248	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					SEP. 29, 1978							272
1	710	5.4	237	J								
2	701	3.8	140	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	SG	IMF SC
					OCT. 3, 1978							276
	404	7.2	59	J								
	413	5.0	50	J								
	400	6.3	56	J								
	397	5.7	41	J								
	387	5.7	42	J								
	393	4.5	34	J								
	394	5.2	34	J								
	377	5.8	42	J								
	384	5.2	38	J								
	377	5.0	31	J								
	399	5.4	38	J								
	387	5.6	40	J								
	395	6.7	50	J								
	387	6.2	63	J								
	382	6.7	63	J								
	384	7.1	60	J								

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OCT. 4, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	390	7.5	58	J								277
2	464	16.4	104	J								
3	461	16.1	175	J								
4	464	18.0	201	J								
5	455	16.9	123	J								
6	443	10.1	69	J								
7	435	8.9	86	J								
8	444	9.4	146	J								
9	431	8.9	152	J								
10	429	8.9	164	J								
11	452	6.0	146	J								
12	440	5.6	87	J								
13	447	5.3	96	J								
14	439	5.3	101	J								
15	439	5.0	88	J								
16	429	5.3	111	J								
17	419	5.3	106	J								
18	403	4.5	76	J								
19												
20	414	5.1	45	J								
21	425	5.2	56	J								
22												
23												
24	412	4.8	45	J								

OCT. 5, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
	411	4.9	65	J								278
	395	4.7	53	J								
	409	4.6	57	J								
	388	5.1	39	J								
	390	5.9	59	J								
	398	7.2	58	J								
	398	7.1	42	J								
	395	7.1	36	J								
	393	6.1	32	J								
	398	6.1	31	J								
	375	6.8	29	J								
	379	12.4	20	J								
	367	13.9	21	J								
	354	13.9	28	J								
	368	15.8	35	J								
	369	12.6	22	J								
	376	9.5	31	J								
	377	6.0	41	J								
	384	6.9	41	J								

OCT. 6, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												279
2	327	24.2	18	J								
3	319	22.6	23	J								
4	325	12.4	26	J								
5												
6	346	6.5	39	J								
7	352	8.4	17	J								
8												
9												
10	356	7.4	44	J								
11	359	6.5	71	J								
12	351	6.8	123	J								
13	359	6.0	76	J								
14	368	5.4	50	J								
15	372	5.7	57	J								
16												
17												
18												
19												
20	341	5.0	25	J								
21	338	5.5	32	J								
22	342	5.9	36	J								
23	344	5.8	33	J								
24	349	6.1	44	J								

OCT. 7, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
	336	5.9	29	J								280
	327	5.5	31	J								
	332	5.6	25	J								
	334	7.2	19	J								
	332	11.0	14	J								
	321	8.1	11	J								
	331	12.0	18	J								
	331	10.9	15	J								
	329	12.4	21	J								
	338	10.5	22	J								
	339	10.3	21	J								
	337	12.2	15	J								

OCT. 8, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												281
2	333	7.0	14	J								
3	340	6.3	27	J								
4	339	7.8	18	J								
5	347	9.1	22	J								
6												
7												
8												
9												
10												
11												
12	374	16.9	22	J								
13	371	17.6	21	J								
14	374	14.9	25	J								
15												
16												
17												
18												
19												
20												
21	368	14.9	45	J								
22	350	12.2	27	J								
23	348	8.1	22	J								
24												

OCT. 9, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
	333	6.4	43	J								282
	333	6.7	46	J								
	380	35.7	49	J								
	378	36.2	31	J								
	364	24.5	35	J								
	357	24.7	40	J								
	365	26.4	40	J								
	362	16.5	41	J								
	360	13.5	72	J								
	380	12.4	94	J								
	400	13.7	82	J								
	387	13.3	82	J								
	376	13.8	71	J								
	403	10.6	73	J								
	409	10.4	52	J								
	410	14.1	51	J								
	399	16.4	40	J								
	392	21.2	33	J								
	391	19.3	45	J								
	381	15.1	28	J								
	377	9.8	38	J								

OCT. 10, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	369	10.9	52	J								283
2												
3												
4												
5												
6	403	7.6	67	J								
7	415	6.7	82	J								
8	419	6.9	91	J								
9	416	7.1	88	J								
10	426	7.5	103	J								
11	428	8.0	137	J								
12	407	6.7	57	J								
13	438	6.8	62	J								
14	430	7.0	79	J								
15	438	6.4	75	J								
16	448	6.9	78	J								
17	442	6.5	60	J								
18	419	5.9	49	J								
19												
20	385	6.3	52	J								
21	380	6.3	41	J								
22	395	7.5	92	J								
23	388	6.8	83	J								
24	398	7.1	94	J								

OCT. 11, 1978

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
	405	6.6	78	J								284
	395	6.1	70	J								
	401	5.9	68	J								
	391	5.7	58	J								
	395	5.9	71	J								
	429	6.5	77	J								
	419	6.4	77	J								
	413	7.0	67	J								
	357	10.7	69	J								
	391	7.9	75	J								
	406	7.6	59	J								
	413	5.7	34	J								
	412	6.4	36	J								
	413	6.2	40	J								
	418	6.3	36	J								
	415	5.9	29	J								
	395	7.5	89	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
			OCT. 12, 1978									285
1	392	8.2	77	J								
2	391	8.9	63	J								
3	385	9.7	76	J								
4	383	12.5	54	J								
5	389	13.2	52	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	SG	IMF SC
			OCT. 15, 1978									288
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18	419	8.7	101	J								
19	432	7.8	76	J								
20	420	7.3	75	J								
21	421	5.6	70	J								
22	416	6.0	52	J								
23	419	7.4	77	J								
24	423	7.8	73	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
			OCT. 16, 1978									289
1	453	6.2	69	J								
2	548	2.5	93	J								
3	414	7.1	51	J								
4	409	7.1	42	J								
5	404	6.6	40	J								
6	426	6.8	49	J								
7												
8	417	5.4	39	J								
9	425	6.1	34	J								
10	424	6.3	34	J								
11	426	6.4	40	J								
12	420	8.2	64	J								
13	412	9.4	25	J								
14	410	9.5	24	J								
15	424	7.1	33	J								
16												
17												
18	416	4.7	33	J								
19												
20	389	6.7	27	J								
21	390	6.1	28	J								
22	383	5.5	29	J								
23	387	4.8	31	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
			OCT. 17, 1978									290
1	376	5.6	28	J								
2	375	6.0	26	J								
3	373	6.6	22	J								
4	384	7.6	31	J								
5												
6												
7												
8	385	12.0	61	J								
9	386	11.4	58	J								
10	380	11.5	45	J								
11	372	10.0	27	J								
12	368	9.4	29	J								
13	363	9.3	34	J								
14	364	10.4	29	J								
15	365	10.8	41	J								
16	363	11.3	42	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	SG	IMF SC
			OCT. 18, 1978									291
1	388	42.7	62	J								
2	387	17.9	67	J								
3	402	14.3	74	J								
4	393	15.6	99	J								
5	377	13.1	70	J								
6	373	13.5	71	J								
7	389	22.8	69	J								
8	420	11.6	96	J								
9	417	13.1	154	J								
10	404	12.1	134	J								
11	400	13.5	193	J								
12	412	14.5	243	J								
13												
14	456	14.5	157	J								
15	455	8.9	173	J								
16	434	7.8	201	J								
17	427	8.2	38	J								
18	428	5.7	28	J								
19	423	5.6	50	J								
20	426	6.7	46	J								
21	427	5.7	47	J								
22	430	6.1	23	J								
23	430	5.9	31	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
			OCT. 19, 1978									292
1	407	9.0	84	J								
2	411	10.1	78	J								
3	416	8.2	80	J								
4	426	8.3	108	J								
5	436	8.6	151	J								
6	414	8.4	143	J								
7	442	7.9	156	J								
8												
9	471	5.3	82	J								
10	476	5.1	62	J								
11	445	4.7	120	J								
12	472	5.5	86	J								
13	468	5.6	76	J								
14	460	5.8	56	J								
15												
16												
17												
18												
19												
20	476	6.0	96	J								
21	475	6.2	81	J								
22	473	6.3	93	J								
23	482	5.7	84	J								
24	473	5.5	79	J								
	466	5.3	73	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
			OCT. 20, 1978									293
1												
2	452	4.9	79	J								
3	438	5.2	77	J								
4	435	5.4	69	J								
5	431	5.3	70	J								
6	439	5.4	107	J								
7												
8												
9												
10												
11												
12												
13	412	4.6	35	J								
14	416	4.5	36	J								
15	409	4.5	40	J								
16	414	4.3	35	J								
17	419	4.0	36	J								
18												
19												
20	406	5.0	56	J								
21	404	4.6	48	J								
22	394	5.0	68	J								
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
			OCT. 21, 1978									294
1	410	5.4	46	J								
2	406	5.3	40	J								
3	375	4.8	32	J								
4	383	5.5	45	J								
5	389	5.6	44	J								
6	388	6.0	58	J								
7	386	6.4	68	J								
8	398	5.8	49	J								
9												
10	393	5.6	49	J								
11	401	6.0	71	J								
12	404	6.3	49	J								
13	397	6.5	55	J								
14	392	6.1	47	J								
15	387	6.4	61	J								
16	396	5.9	56	J								
17	401	6.0	52	J								
18	392	6.1	53	J								
19	394	6.2	50	J								
20	390	6.2	43	J								
21	400	6.0	48	J								
22	408	5.5	33	J								
23	404	5.7	46	J								
24	391	5.6	42	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
					OCT. 22, 1978							295
1	385	5.6	44	J								
2	384	5.6	39	J								
3	388	5.3	33	J								
4	409	5.1	33	J								
5												
6												
7	389	5.5	37	J								
8	380	5.6	38	J								
9	384	5.7	39	J								
10	377	5.9	30	J								
11												
12	362	5.8	43	J								
13	364	6.1	45	J								
14	368	6.2	41	J								
15	375	6.5	42	J								
16	373	6.5	34	J								
17												
18	377	6.6	26	J								
19	381	6.7	30	J								
20	371	6.6	30	J								
21	367	6.5	38	J								
22	342	6.1	33	J								
23	350	6.5	51	J								
24	347	6.5	46	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 23, 1978							296
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17	316	6.3	26	J								
18	314	6.5	24	J								
19	309	7.4	30	J								
20	318	9.4	28	J								
21	324	9.2	26	J								
22	328	9.3	20	J								
23	321	9.0	32	J								
24	320	9.8	38	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 24, 1978							297
1	324	10.5	28	J								
2	323	10.5	32	J								
3	327	11.2	32	J								
4	338	9.6	36	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	SG	IMF SC
					OCT. 28, 1978							301
1	444	6.3	141	J								
2	438	6.6	154	J								
3	424	7.3	152	J								
4	428	7.7	119	J								
5	439	6.9	172	J								
6	449	7.9	190	J								
7	451	7.1	135	J								
8	439	6.3	132	J								
9	433	6.3	139	J								
10	439	6.8	126	J								
11	434	6.7	103	J								
12	433	6.4	93	J								
13	419	5.5	87	J								
14	451	6.7	91	J								
15												
16	457	3.3	66	J								
17	440	3.1	74	J								
18	436	2.9	55	J								
19	417	2.9	54	J								
20	421	3.5	65	J								
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. 29, 1978							302
1	439	3.4	71	J								
2	424	3.2	58	J								
3	425	3.5	51	J								
4	436	4.7	57	J								
5	424	7.9	27	J								
6	425	8.8	26	J								
7	422	9.3	28	J								
8	435	8.9	20	J								
9	403	7.7	18	J								
10	403	6.0	16	J								
11												
12	413	9.0	27	J								
13	410	10.2	21	J								
14	421	9.3	31	J								
15	430	8.0	34	J								
16	423	7.2	50	J								
17												
18												
19	432	7.3	21	J								
20	427	6.9	35	J								
21	417	6.9	32	J								
22												
23												
24	412	12.1	21	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 30, 1978							303
1	410	9.1	22	J								
2	410	7.8	20	J								
3	406	7.3	20	J								
4	432	8.4	26	J								
5	402	8.0	22	J								
6	411	9.6	19	J								
7	406	7.2	17	J								
8	401	5.1	15	J								
9	391	5.3	15	J								
10	398	8.0	17	J								
11	394	7.0	16	J								
12	399	9.7	38	J								
13	399	7.9	31	J								
14	398	4.9	15	J								
15	394	4.2	18	J								
16	370	2.9	27	J								
17	384	3.1	23	J								
18	387	3.5	27	J								
19												
20												
21												
22												
23	370	4.8	19	J								
24	363	4.4	13	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					OCT. 31, 1978							304
1	414	5.3	23	J								
2												
3												
4	361	5.1	13	J								
5	367	8.0	15	J								
6	368	8.9	16	J								
7	369	9.8	15	J								
8												
9												
10												
11	365	8.2	12	J								
12	367	10.7	13	J								
13	377	12.1	29	J								
14	381	10.6	26	J								
15	378	11.8	22	J								
16	365	13.3	52	J								
17	382	12.8	89	J								
18	379	15.1	90	J								
19	375	15.2	63	J								
20	379	8.0	84	J								
21	369	7.9	89	J								
22	365	7.6	92	J								
23	363	7.5	85	J								
24	358	7.2	75	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 1, 1978							305
1	366	6.2	50	J								
2	353	5.7	40	J								
3	351	7.2	55	J								
4	353	7.9	94	J								
5	368	7.3	71	J								
6	375	6.8	55	J								
7												
8												
9												
10												
11	398	7.9	70	J								
12	415	7.6	75	J								
13	419	7.3	56	J								
14	405	8.6	63	J								
15	389	12.7	60	J								
16	390	11.5	60	J								
17	388	17.4	31	J								
18												
19												
20	380	10.9	27	J								
21	379	10.6	28	J								
22												
23	372	7.8	23	J								
24	370	10.3	22	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 2, 1978							306
1	367	12.1	20	J								
2	368	9.4	18	J								
3	364	9.1	19	J								
4	361	9.0	21	J								
5												
6												
7												
8												
9												
10	392	13.3	25	J								
11	388	14.7	32	J								
12	388	14.1	42	J								
13	380	14.4	36	J								
14	381	13.7	43	J								
15	374	13.0	45	J								
16	391	14.4	59	J								
17	390	14.8	66	J								
18	380	13.7	70	J								
19	374	13.2	71	J								
20	367	11.9	78	J								
21	362	11.1	79	J								
22												
23	423	5.0	90	J								
24	443	8.1	121	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 3, 1978							307
1	442	7.3	84	J								
2	465	6.0	68	J								
3	440	5.0	126	J								
4	432	7.2	79	J								
5	420	7.3	59	J								
6	399	7.0	85	J								
7	387	8.5	70	J								
8	387	6.6	50	J								
9	409	8.1	59	J								
10	406	7.8	55	J								
11	367	8.3	38	J								
12	357	8.9	60	J								
13	342	9.4	50	J								
14	407	5.9	58	J								
15	415	7.4	63	J								
16	407	6.9	89	J								
17	438	6.9	88	J								
18	422	6.9	95	J								
19	411	6.4	100	J								
20	419	8.0	113	J								
21	430	10.2	111	J								
22	424	16.4	79	J								
23	415	14.1	59	J								
24	414	9.5	50	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 4, 1978							308
1	415	10.5	61	J								
2												
3												
4	391	7.7	73	J								
5	394	8.4	86	J								
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	361	3.9	59	J								
16	351	4.2	83	J								
17												
18												
19	337	4.0	47	J								
20	355	4.3	51	J								
21	357	4.7	48	J								
22	361	4.7	35	J								
23	359	5.1	22	J								
24	355	5.2	20	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 5, 1978							309
1	353	6.1	22	J								
2	342	4.6	22	J								
3	343	5.8	21	J								
4	343	10.1	20	J								
5	342	8.4	20	J								
6	343	8.1	26	J								
7	346	8.0	36	J								
8	340	8.0	29	J								
9												
10												
11												
12												
13												
14												
15												
16												
17	332	9.4	33	J								
18	335	9.3	30	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
					NOV. 10, 1978							314
1	489	6.3	93	J								
2	498	6.6	72	J								
3	471	8.5	38	J								
4	467	8.2	44	J								
5	464	9.2	42	J								
6	461	9.0	59	J								
7	461	9.6	72	J								
8	452	9.6	73	J								
9	446	9.7	73	J								
10	440	11.2	58	J								
11	442	12.8	54	J								
12	437	12.8	65	J								
13	431	16.3	59	J								
14	438	12.1	51	J								
15	425	10.7	38	J								
16	429	13.2	45	J								
17	433	16.2	48	J								
18	423	15.6	42	J								
19	433	18.3	55	J								
20												
21	419	14.0	42	J								
22												
23												
24	421	14.4	50	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 11, 1978							315
1	419	14.3	48	J								
2	417	15.4	56	J								
3	416	16.0	62	J								
4	427	15.2	54	J								
5	422	14.1	46	J								
6	422	13.9	55	J								
7	417	13.2	42	J								
8	414	14.5	37	J								
9	416	15.9	30	J								
10	406	13.7	33	J								
11	401	13.6	35	J								
12	398	13.1	36	J								
13	402	15.5	37	J								
14	400	16.6	36	J								
15	395	14.8	31	J								
16	396	14.1	20	J								
17	393	14.1	22	J								
18	389	14.6	22	J								
19	389	14.5	27	J								
20	381	17.0	30	J								
21	379	16.1	30	J								
22	372	14.2	22	J								
23												
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 12, 1978							316
1												
2	685	9.2	866	J								
3	663	12.2	805	J								
4	615	21.6	705	J								
5	654	19.4	913	J								
6	625	9.6	820	J								
7												
8	633	33.9	361	J								
9	638	33.4	300	J								
10	613	34.8	359	J								
11	588	18.7	465	J								
12	597	16.4	412	J								
13	565	12.7	299	J								
14	584	22.7	213	J								
15	585	35.2	124	J								
16	563	20.7	134	J								
17	557	11.9	122	J								
18												
19												
20	566	9.4	57	J								
21	571	8.2	62	J								
22	567	6.0	59	J								
23												
24	561	3.6	42	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 13, 1978							317
1	555	2.9	43	J								
2	570	2.1	56	J								
3	559	2.3	59	J								
4	554	3.1	46	J								
5												
6												
7	570	5.1	56	J								
8												
9	508	1.3	50	J								
10												
11	581	2.5	65	J								
12	554	4.0	45	J								
13	524	4.4	42	J								
14												
15												
16												
17												
18												
19												
20	577	1.2	79	J								
21	530	1.4	47	J								
22	521	1.2	40	J								
23	555	1.0	51	J								
24	546	1.0	51	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												
2												
3												
4												
5												
6												
7												
8												
9												
10	434	2.2	24	J								
11												
12	511	1.7	43	J								
13	473	1.3	46	J								
14												
15	523	0.6	250	J								
16												
17	477	1.0	51	J								
18	486	1.2	55	J								
19	461	1.3	46	J								
20												
21												
22												
23												
24												

NOV. 15, 1978 — 319

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	409	0.9	102	J								
13												
14												
15	434	0.6	95	J								
16	436	0.7	109	J								
17												
18	408	2.0	63	J								
19	405	2.7	61	J								
20	450	1.7	66	J								
21	425	1.8	115	J								
22	441	2.6	86	J								
23	496	5.2	73	J								
24	504	5.5	63	J								

NOV. 16, 1978 — 320

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	477	5.1	49	J								
13	437	5.6	189	J								
14	471	2.5	100	J								
15	416	1.6	59	J								
16												
17	384	0.9	46	J								
18												
19												
20	437	6.1	39	J								
21	432	5.1	68	J								
22	425	4.6	53	J								
23	429	4.2	26	J								
24	427	4.4	26	J								

NOV. 17, 1978 — 321

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1												
2	405	6.5	34	J								
3	382	9.1	20	J								
4	370	10.1	19	J								
5	368	14.0	15	J								
6	367	13.9	14	J								
7	364	14.1	12	J								
8												
9												
10												
11												
12												
13												
14												
15	355	7.3	24	J								
16												
17	345	7.6	37	J								
18												
19												
20	359	8.0	62	J								
21	358	8.0	71	J								
22												
23												
24												

NOV. 18, 1978 — 322

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	353	8.1	93	J								
2	353	7.9	76	J								
3	352	8.2	128	J								
4	352	8.7	68	J								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												

NOV. 23, 1978 — 327

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	488	3.6	72	J								
20	494	3.5	90	J								
21												
22	485	3.2	91	J								
23	487	3.3	92	J								
24	491	2.9	87	J								
	480	2.8	90	J								

NOV. 24, 1978 — 328

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	472	3.3	142	J								
2	482	4.1	158	J								
3	473	3.6	115	J								
4	483	3.8	96	J								
5	480	4.0	109	J								
6	472	4.0	134	J								
7	461	3.9	114	J								
8	459	3.8	78	J								
9												
10												
11												
12												
13												
14												
15	457	9.1	35	J								
16	458	9.6	29	J								
17	455	8.7	53	J								
18	454	11.9	76	J								
19	450	12.7	73	J								
20												
21	444	12.7	36	J								
22	450	7.8	30	J								
23	433	4.5	27	J								
24	438	3.9	25	J								

NOV. 25, 1978 — 329

HR	VEL	DEN	TEMP/1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
1	433	3.4	25	J								
2	432	3.3	32	J								
3	423	3.3	33	J								
4	440	2.8	20	J								
5	437	3.3	22	J								
6												
7	424	6.3	30	J								
8	424	6.8	29	J								
9	424	9.8	36	J								
10	430	9.8	36	J								
11	425	8.7	84	J								
12	454	13.7	107	J								
13	476	18.0	73	J								
14	476	21.9	70	J								
15	469	24.2	81	J								
16	477	16.2	42	J								
17	483	22.4	62	J								
18	491	10.3	325	J								
19	503	7.9	402	J								
20	517	9.5	383	J								
21	498	8.8	323	J								
22	495	10.9	399	J								
23	494	9.9	436	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 26, 1978							330
1	525	9.2	447	J								
2	551	7.6	430	J								
3	566	5.7	369	J								
4	596	5.1	254	J								
5	607	5.4	189	J								
6	604	4.1	159	J								
7	612	4.7	204	J								
8	596	5.0	288	J								
9	591	4.7	230	J								
10	627	5.5	230	J								
11	620	5.7	186	J								
12	616	5.8	170	J								
13	620	4.9	158	J								
14	595	4.5	157	J								
15	592	4.0	134	J								
16	580	4.5	175	J								
17	607	4.7	219	J								
18	579	4.0	100	J								
19	587	4.0	117	J								
20	611	4.8	200	J								
21												
22	583	4.2	226	J								
23	605	3.7	163	J								
24	621	3.1	154	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 27, 1978							331
1	624	3.0	147	J								
2	618	2.9	189	J								
3												
4	607	2.5	135	J								
5												
6	576	2.3	89	J								
7	632	2.3	97	J								
8	545	2.6	69	J								
9	562	2.7	83	J								
10	545	2.5	71	J								
11	565	2.4	78	J								
12	582	2.8	106	J								
13	572	2.6	92	J								
14	568	2.6	90	J								
15	582	2.6	101	J								
16												
17	573	2.8	94	J								
18	567	2.8	88	J								
19												
20	558	3.1	77	J								
21	557	3.2	84	J								
22	549	4.0	81	J								
23	546	3.4	120	J								
24												

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 28, 1978							332
1												
2												
3												
4												
5												
6												
7												
8												
9	476	3.9	130	J								
10	482	3.6	121	J								
11	472	3.9	128	J								
12	463	4.0	66	J								
13	464	3.5	72	J								
14	470	3.7	46	J								
15	466	3.8	46	J								
16												
17												
18	425	4.7	79	J								
19	423	4.9	70	J								
20												
21												
22	415	4.4	37	J								
23	408	6.0	49	J								
24	406	4.9	40	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 29, 1978							333
1	410	4.7	35	J								
2												
3												
4												
5	405	4.1	31	J								
6	406	4.4	37	J								
7												
8												
9	392	4.7	64	J								
10	392	5.1	61	J								
11	381	5.0	82	J								
12	378	6.2	33	J								
13	375	6.3	29	J								
14	365	6.2	48	J								
15	376	5.4	26	J								
16	372	6.3	26	J								
17	374	6.4	25	J								
18	371	6.4	32	J								
19	368	7.4	40	J								
20	362	6.4	44	J								
21	366	6.7	36	J								
22	364	6.6	33	J								
23	361	6.9	54	J								
24	352	6.7	51	J								
	362	6.9	34	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					NOV. 30, 1978							334
1	356	7.0	30	J								
2	351	7.3	25	J								
3	350	7.3	24	J								
4	354	7.2	25	J								
5												
6												
7												
8												
9	346	8.7	25	J								
10	341	9.4	24	J								
11	338	10.6	21	J								
12	335	11.4	16	J								
13	335	12.3	15	J								
14	331	12.5	17	J								
15	330	12.1	16	J								
16	323	12.4	16	J								
17	328	12.8	17	J								
18	323	13.1	17	J								
19												
20	314	13.1	22	J								
21	315	15.0	21	J								
22	319	17.6	17	J								
23	323	18.5	19	J								
24	310	19.5	22	J								

HR	VEL	DEN	TEMP/ 1000	PLS SC	AV B MAGN	GSE LAT	GSE LON	BXGSM	BYGSM	BZGSM	SG	IMF SC
					DEC. 1, 1978							335
	318	19.1	23	J								