

**MID-LATITUDE GEOMAGNETIC INDICES
ASY and SYM**

(PROVISIONAL)

No.11

2000

January 2001

**DATA ANALYSIS CENTER FOR GEOMAGNETISM
AND SPACE MAGNETISM
GRADUATE SCHOOL OF SCIENCE
KYOTO UNIVERSITY**

**MID-LATITUDE GEOMAGNETIC INDICES
ASY and SYM**

(PROVISIONAL)

No.11

2000

January 2001

**DATA ANALYSIS CENTER FOR GEOMAGNETISM
AND SPACE MAGNETISM
GRADUATE SCHOOL OF SCIENCE
KYOTO UNIVERSITY**

Mid-latitude Geomagnetic Indices "ASY" and "SYM" for 2000 (Provisional)

1. Introduction

To describe the geomagnetic disturbance fields in mid-latitudes with high-time (i.e. 1 minute) resolution, a longitudinally asymmetric (ASY) and a symmetric (SYM) disturbance index are introduced and derived for both H and D components, that is, for the components in the horizontal (dipole pole) direction H (SYM-H, ASY-H) and in the orthogonal (East-West) direction D (SYM-D, ASY-D). The symmetric disturbance field in H, SYM-H, is essentially the same as Sugiura's hourly Dst index (Sugiura and Poros, 1971), although we use 1 minute values from different sets of stations and a slightly different coordinate system. Similarly, the ASY-H asymmetric disturbance component in H is close to the asymmetric indices proposed by Kawasaki and Akasofu (1971), Crooker and Siscoe (1971), or Clauer et al.(1983). The ASY-D used in this data book was introduced and discussed in Iyemori (1990, 1996). It has been shown that the variation of the asymmetric H component correlates well with the AE index (e.g. Crooker, 1972; Clauer and McPherron, 1980). The results of an examination of the correlation between the ASY-D and the AE indices or the IMF-Bz and a discussion of the meaning of these indices will be published in somewhere else. Although there exists rather a good correlation between both ASYs and the AE indices, it should be noted that there are some essential differences between them and we should be careful when we use the ASY indices as a monitor of disturbances in the polar region.

2. Method of derivation

Shown in Table 1 and Figure 1 are a listing of geomagnetic observatories used here and their distribution in the geomagnetic dipole coordinate system respectively. It should be noted that some of the stations used here (i.e. Fredericksburg, Boulder, Tucson, Memambetsu, Martin de Vivies and Chambon-la-Forêt) are at higher latitudes than those used in the derivation of Sugiura's standard Dst index (i.e. Honolulu, Kakioka, Alibag, Hermanus and San Juan). Only six of the stations are used for the derivation of each month, some stations being replaced by others depending on the availability and the condition of the data of the month. The combination of stations used is shown on the frame of each plot. The data are processed in units of one month. Therefore some gap in the magnitude is seen between successive months. The derivation procedure essentially consists of the following four steps:

- (1) Subtraction of the geomagnetic main field and the Sq (solar quiet daily variation) field to calculate the disturbance field component.
- (2) Coordinate transformation to a dipole coordinate system.
- (3) Calculation of the longitudinally symmetric component (i.e. six station average) and the asymmetric component (i.e. disturbance field minus the symmetric component).
- (4) Derivation of the asymmetric indices (i.e. the range between the maximum and the minimum asymmetric fields).

A detailed description of the derivation and the characteristics of the indices will appear elsewhere. The following is a rough explanation of each step of the derivation.

TABLE 1.

STATION NAME	ABB CODE	G.G. LAT.	G.G. LONG.	G.M. LAT.	G.M. LONG.	INVARIANT LAT.	ROTATION ANGLE
San Juan	SJG	18.4	293.9	29.1	5.2	32.5	-8.9
Fredericksburg	FRD	38.2	282.6	49.1	352.2	50.4	0.4
Boulder	BOU	40.1	254.8	48.7	319.0	49.1	2.5
Tucson	TUC	32.3	249.2	40.4	314.6	39.7	2.7
Honolulu	HON	21.3	202.0	21.5	268.6	20.2	0.5
Memambetsu	MMB	43.9	144.2	34.6	210.2	34.9	-16.1
Alibag	ABG	18.6	72.9	9.9	145.8	—	6.8
Martin de Vivies	AMS	-37.8	77.6	-46.9	142.8	48.6	-32.4
Hermanus	HER	-34.4	19.2	-33.7	82.7	43.6	-10.1
Chambon-la-Foret	CLF	48.0	2.3	50.1	85.7	45.7	13.6

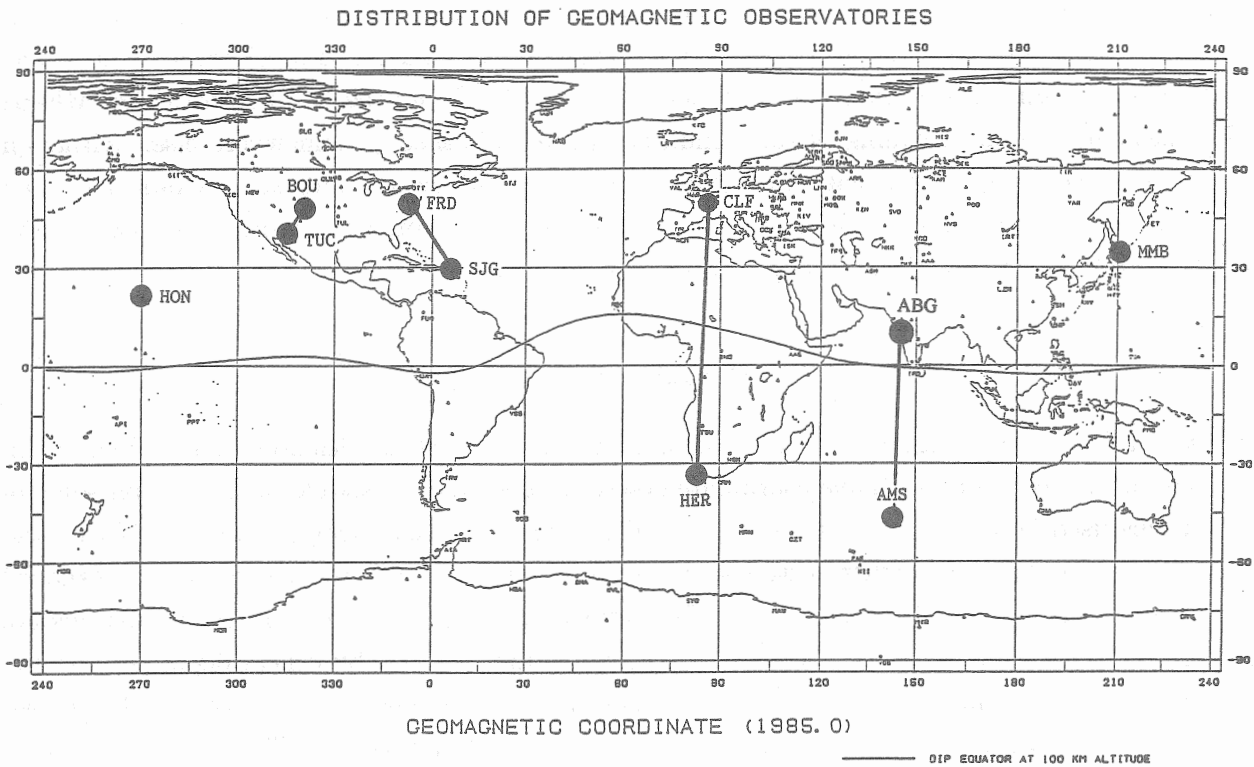


Figure 1. Data are obtained at the observatories shown by the solid circles. The stations replaced with each other are connected by solid lines.

Note: In this issues, the data observed at HON, BOU and FRD stations were taken from RGON database which contains the provisional data without base-line control.

(1) Subtraction of the main field and the Sq field

The geomagnetic field consists of the main field, the solar quiet daily variation and the disturbance field. To get the disturbance field, the geomagnetic main field and the Sq field have to be subtracted. To calculate the base value including the Sq field, the data of international five quiet days are used. That is, the original data of the international 5-Q days of the month that include the Sq field as well as the geomagnetic main field are averaged every minute and fitted by B-spline functions. For some special cases where some of the 5-Q days are not suitable for the purpose because of missing data etc., another quiet day is selected from international 10 quiet days of the month. The period used for the quiet days is marked by the symbol 'Q' in the hourly value tables. The fitted values are then subtracted from original data to get the disturbance component.

(2) Coordinate transformation

In a geomagnetic storm period, the ring current is the main source of the disturbance field in the H component observed at mid-latitudes. As the ring current flows in the magnetosphere at a distance of several R_e (radius of the Earth) and in the equatorial plane, its geomagnetic effect should be nearly parallel to the dipole axis. On the other hand, the H direction at each observatory is generally different from the dipole pole direction because of the non-dipole component or local geomagnetic anomalies. Therefore the ring current effect is mixed into the D component. To minimize the ring current effect in the D-component, the data are transformed to the dipole coordinate system at each station. The differences between the dipole pole position and local geomagnetic direction are shown in Table 1.

(3) Calculation of the symmetric components SYM-H and SYM-D

The longitudinally symmetric component is calculated by averaging the disturbance component at each minute for the 6 stations. For the H component, a latitudinal correction is made on the averaged value to get the value (SYM-H) which corresponds to Sugiura's equatorial Dst index, that is, it is divided by the 6-station average of $\cos\theta_m$, where θ_m is the dipole latitude of each station, though the stations used, the coordinate system and the method to subtract the base value with Sq current effect are different from his method of derivation. On the symmetric component of D (SYM-D), we make no latitudinal correction at all.

(4) Calculation of the asymmetric disturbance indices, ASY-H and ASY-D

The asymmetric component at each station is obtained by subtracting the symmetric component from each disturbance field. For the H component, the symmetric part is subtracted after making a latitudinal correction assuming that the SYM-H represents the magnitude of the uniform field parallel to the dipole axis generated by the ring current. After subtracting the symmetric part, a latitudinal correction is made by multiplying the normalization coefficient for each station which is determined empirically as the standard deviations of the asymmetric variation for the 6 stations become equal.

The ASY-H and the ASY-D indices are defined as the range between the maximum and the minimum deviation at each moment for the H and the D component, respectively.

3. Explanation of the plots and hourly tables

Each frame of the plots in this data book covers a period of two days. The upper panel shows, from top to bottom, ASY-D, ASY-H (positive downward), SYM-D (thin line) and SYM-H (thick line). The lower panel shows the magnetic local time where the maximum (+) and minimum (-) asymmetric deviations are observed. For periods when one or more stations have no data, a dark bar with height proportional to the number of stations with missing data, is drawn at the bottom of the panel. A storm sudden commencement (SSC) and the start time of a solar flare effect (SFE) are indicated by solid and open triangles, respectively. The SSCs and SFEs are taken from the Solar Geophysical Data published by NOAA/NGDC. Cases where the highest quality of the SSC reported is 'C' or only one station reports an SFE are not indicated here. Therefore there may be many SSCs and SFEs not indicated by the symbols on these plots.

The hourly averaged value of the ASY-D and ASY-H indices are tabulated every month. The hourly SYM-H index is not tabulated to avoid confusion with the hourly Dst index. Instead of the tables of the SYM-H index, a comparison (i.e. the correlation plots) between the hourly SYM-H and the provisional Dst index is shown in Figures 3 (a) - (b). The hourly SYM-D index is also not tabulated because the stations are insufficiently well distributed to properly treat the symmetric disturbance of the D component. The quiet days used for the calculation of the base line are marked by a symbol 'Q'. Most of the days correspond to the international 5-quiet days.

4. Comparison with the AE indices and the Dst index

Figures 2-a and 2-b are examples of a comparison between the ASY and SYM indices and the auroral electrojet indices, AE. Figure 2-a shows a rather disturbed period and Figure 2-b shows a moderately disturbed period. From these plots, the qualitative similarities and the differences between the ASY and AE indices can be seen. The main qualitative differences are seen in the spectral characteristics and in the sensitivity to minor substorm activity. The ASY indices are more smoothly varying and it is rather difficult for them to reflect minor substorm activity in the polar region. A quantitative comparison will appear elsewhere. Users should be aware that the ASY indices should not be used as substitutes for the AE indices, although there are some similarities between them.

A comparison of the hourly SYM-H index with the provisional Dst index is shown in Figures 3 (a) - (b). We see some offset between the two indices which come from the difference in the method to determine the base values. The base value at each station is more carefully determined for the hourly Dst index taking into account the geomagnetic secular variation than for this provisional SYM-H index. The main difference between the 1 minute SYM-H and the hourly Dst index is the time resolution, and the effects of the solar wind dynamic pressure variation are more clearly seen in the SYM-H than in the hourly Dst index.

5. Future improvements

The indices plotted in this data book are provisional in the sense that the combination of the stations could be changed in future to get more stable results with minimum universal time and

seasonal dependence. It is necessary to continue the provisional derivation of the indices for some more years until the optimal method and the best combination of stations are established. The availability of the digital data could be changed and it will also be necessary to try to get the digital geomagnetic data from more suitable locations. Modification of the procedure for real-time derivation may also be necessary in future.

6. Post-Script files of the plots and WWW homepage service

The Post-Script files of the plots shown in the latest issue are available from anonymous FTP directory at our data center. The IP address and the directory are as follows:

IP address: 130.54.59.253 (swdcdb)

Directory: anonymous

Change directory is necessary after logging in as follows:

ftp> cd data

ftp> cd asyplot

Each file is compressed and has a name YYMMD1-D2.ps.Z (for example, 000503-06.ps.Z).

Files should be transferred in binary mode and uncompressed.

Plots with the AE indices for the period when the AE indices have been derived are also available from our home page:

<http://swdcdb.kugi.kyoto-u.ac.jp/>

Acknowledgments

The data used in this data book were kindly provided by the U.S. Geological Survey (HON, BOU, FRD, SJD, and TUC) through the World Data Center A for STP, the Hermanus Magnetic Observatory (HER), the Chambon-la-Forêt Magnetic Observatory (CLF), Institut de Physique du Globe de Strasbourg (AMS), the Kakioka Magnetic Observatory (MMB), and the Indian Institute of Geomagnetism (ABG).

The compilation of the geomagnetic data and publication of this data book have been supported in part by grant 11694072 and 403002 under the Japan Society for Promotion of science (JSPS) and by a part of "Ground Research for Space Utilization" promoted by NASDA and Japan Space Forum.

T. Iyemori, T. Araki, T. Kamei and M. Takeda
Data Analysis Center for Geomagnetism and
Space Magnetism, Graduate School of Science,
Kyoto University, Kyoto 606-8502, Japan.

TEL: 81-75-753-3929

FAX: 81-75-722-7884

E-MAIL: iyemori@kugi.kyoto-u.ac.jp

WWW: <http://swdcdb.kugi.kyoto-u.ac.jp/>

(January 2001)

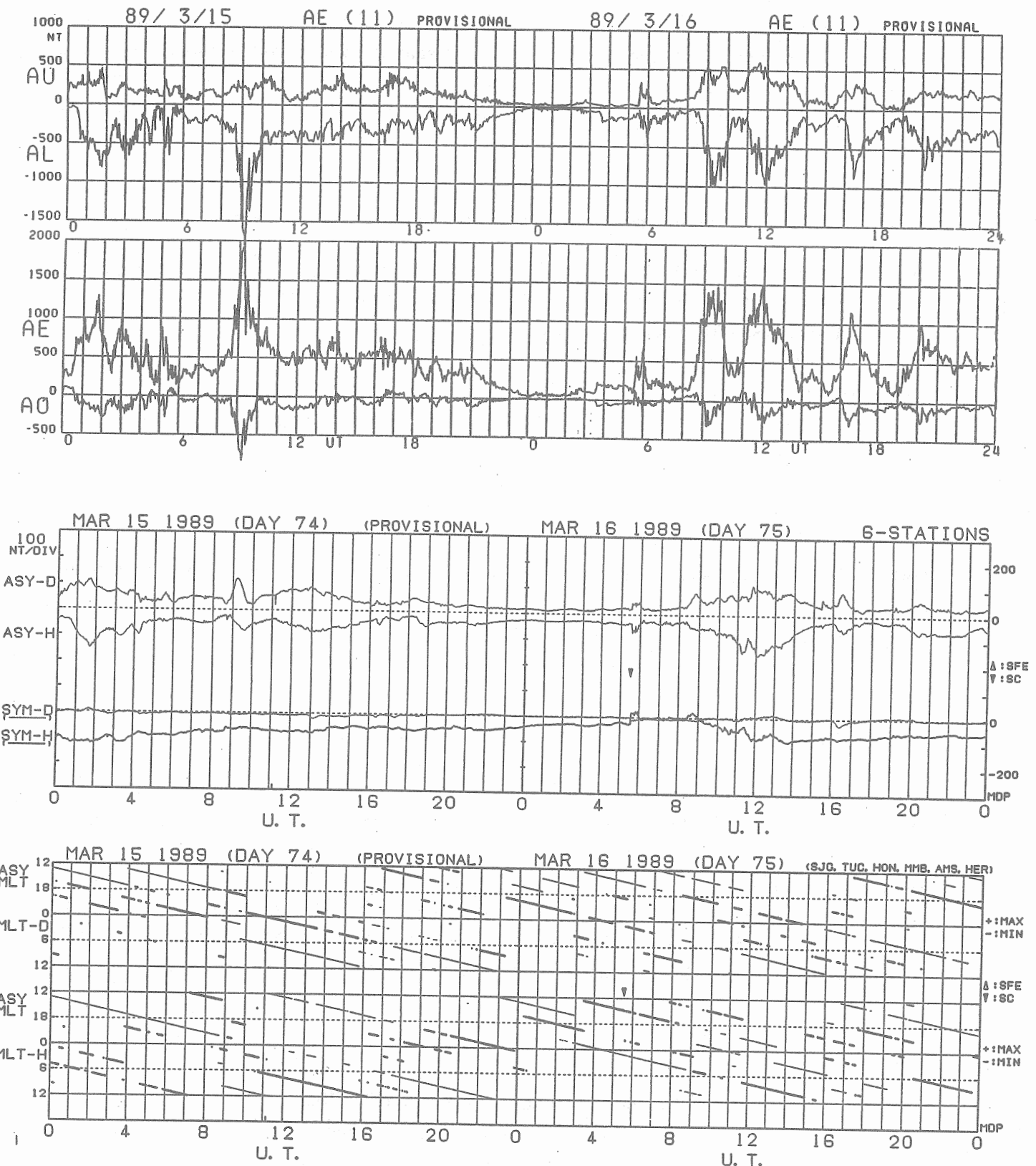


Figure 2a. An example of a comparison between the AE indices and the ASY and SYM indices of rather disturbed period. An SSC is indicated by a solid triangle. The magnetic local time at the station which gives the maximum or the minimum asymmetric deviation from symmetric disturbance is shown by a symbol + (thick line) or a symbol - (thin line), respectively.

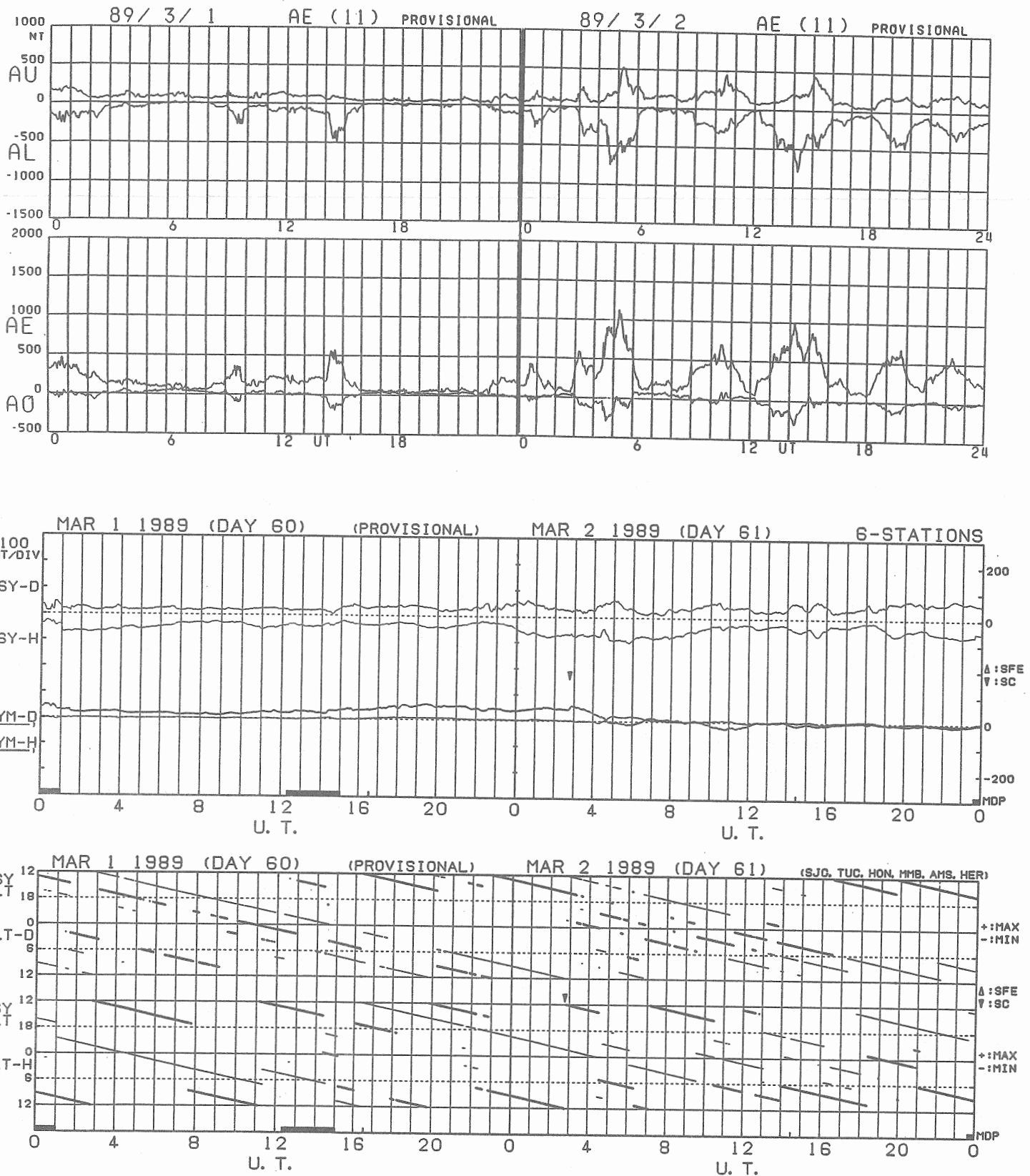


Figure 2b. An example of a comparison between the AE indices and the ASY and SYM indices of moderately disturbed period. The missing data periods are shown by the dark bars at the bottom of the panel. The height of the bars is proportional to the number of stations (1 station in this case) with missing data period (MDP).

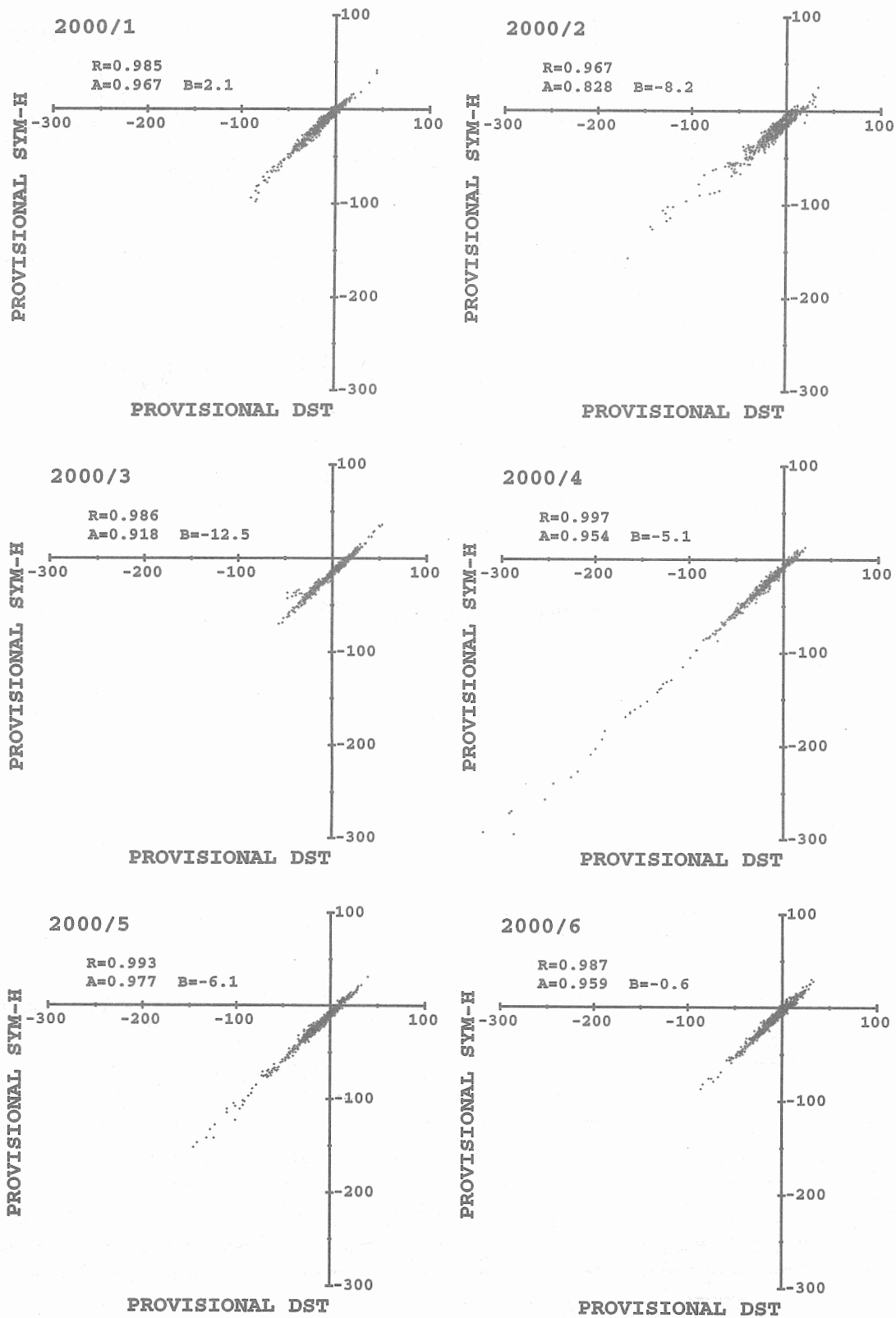


Figure 3a. Correlation plots between the hourly averaged SYM-H and the provisional Dst for January-June, 2000. The correlation coefficients R, the parameters of the regression line A and B (i.e. $\text{SYM-H} = A \cdot \text{Dst} + B$) are shown on each panel.

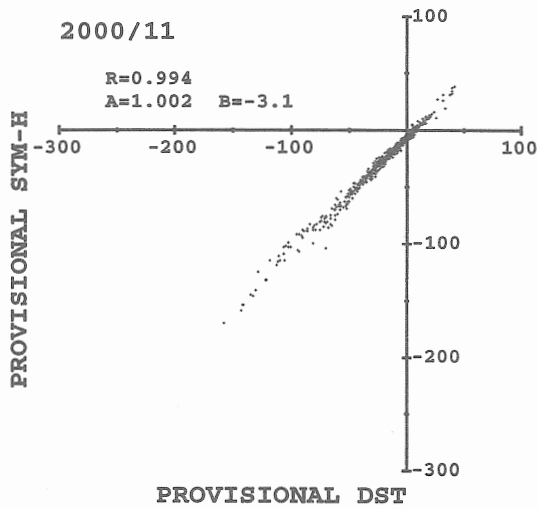
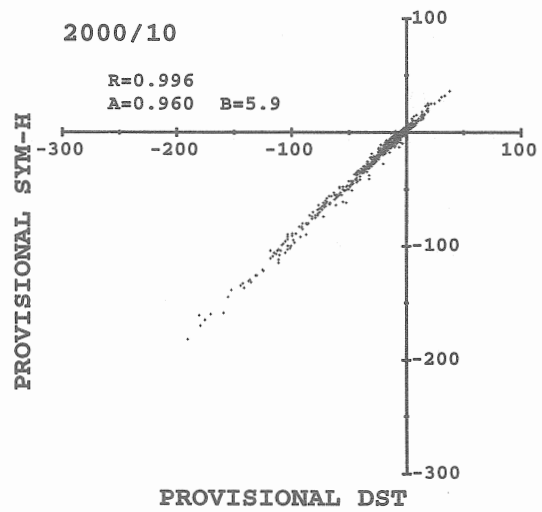
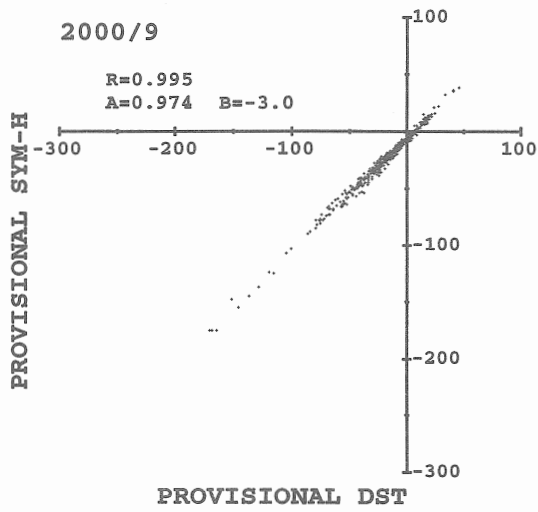
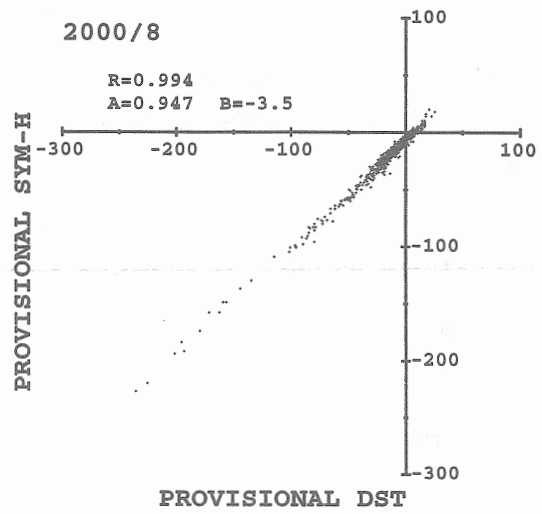
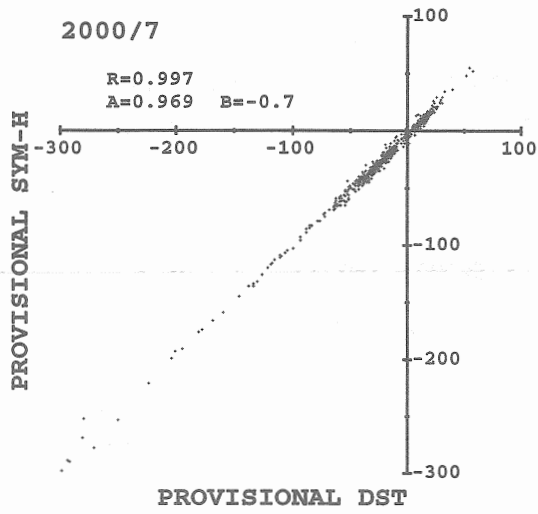


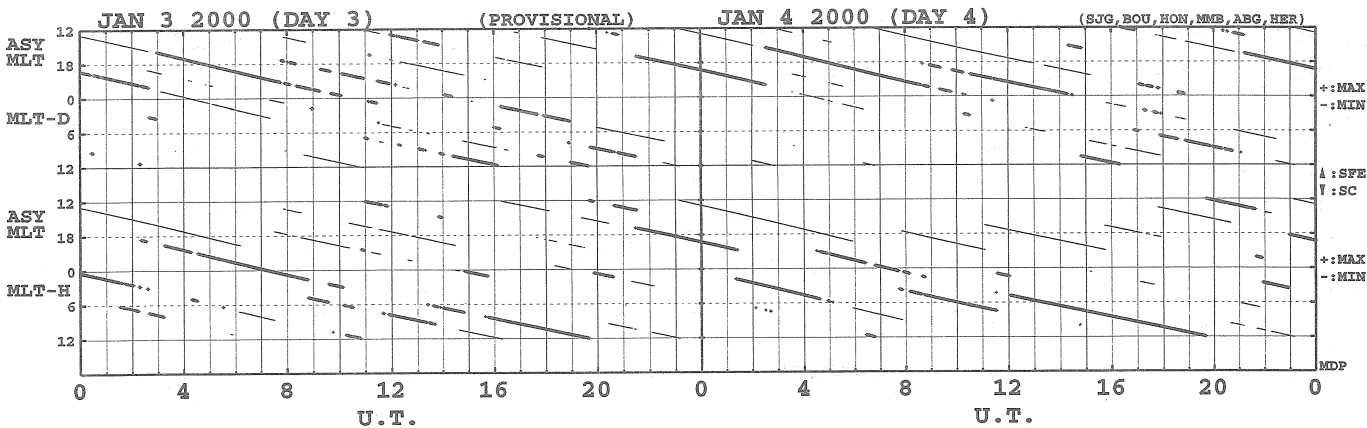
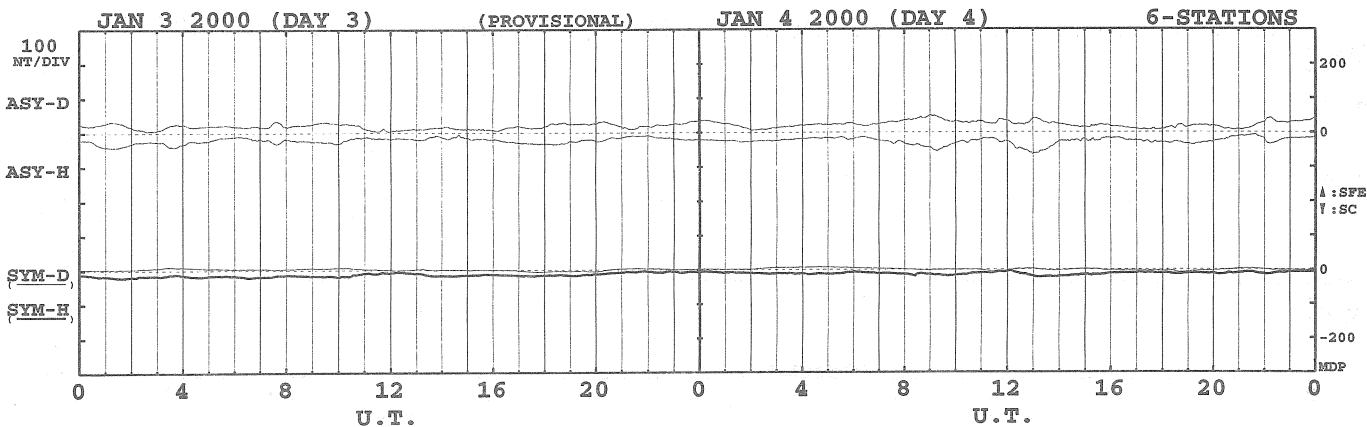
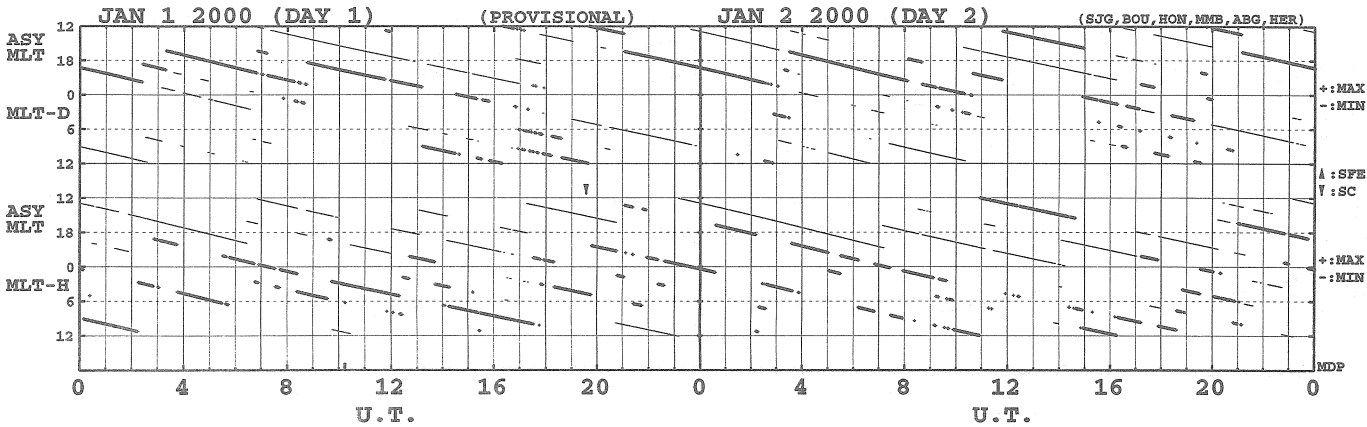
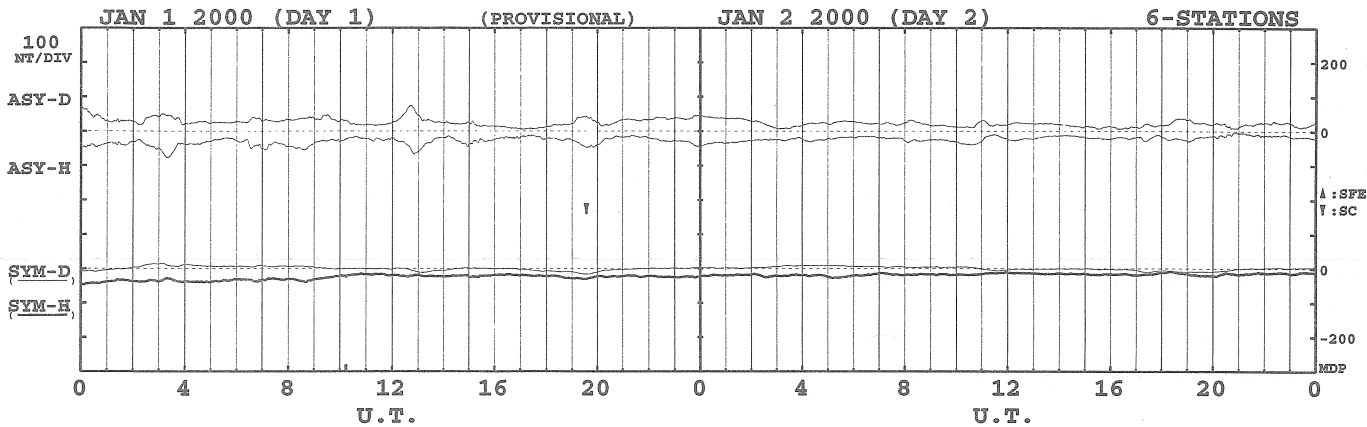
Figure 3b. Correlation plots for July-November, 2000.

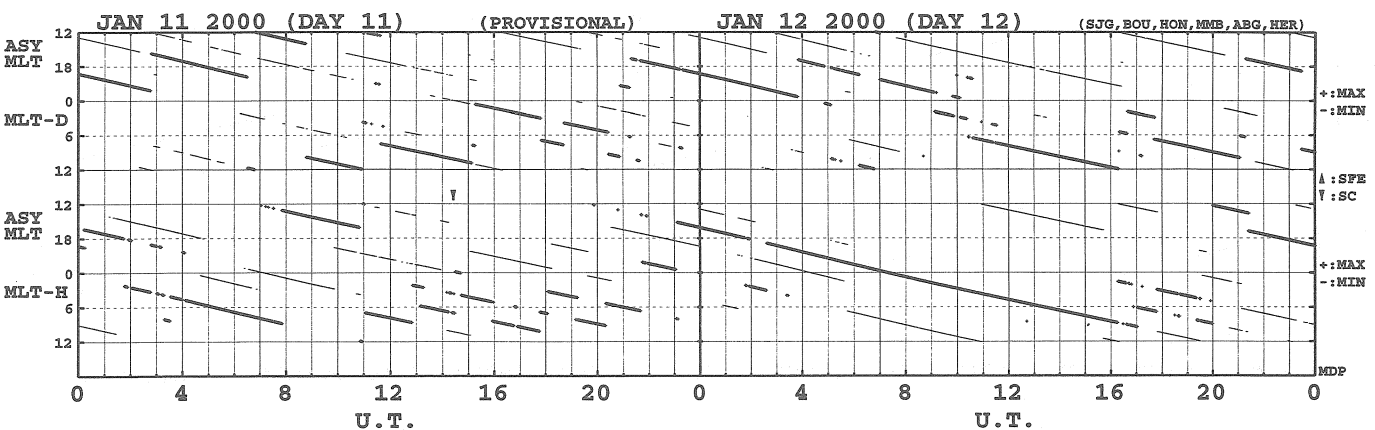
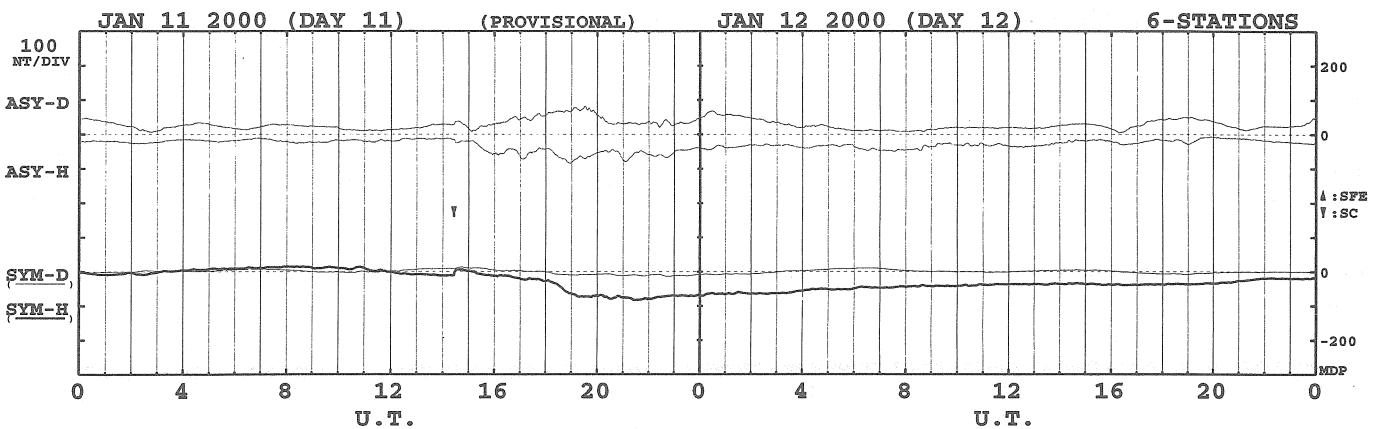
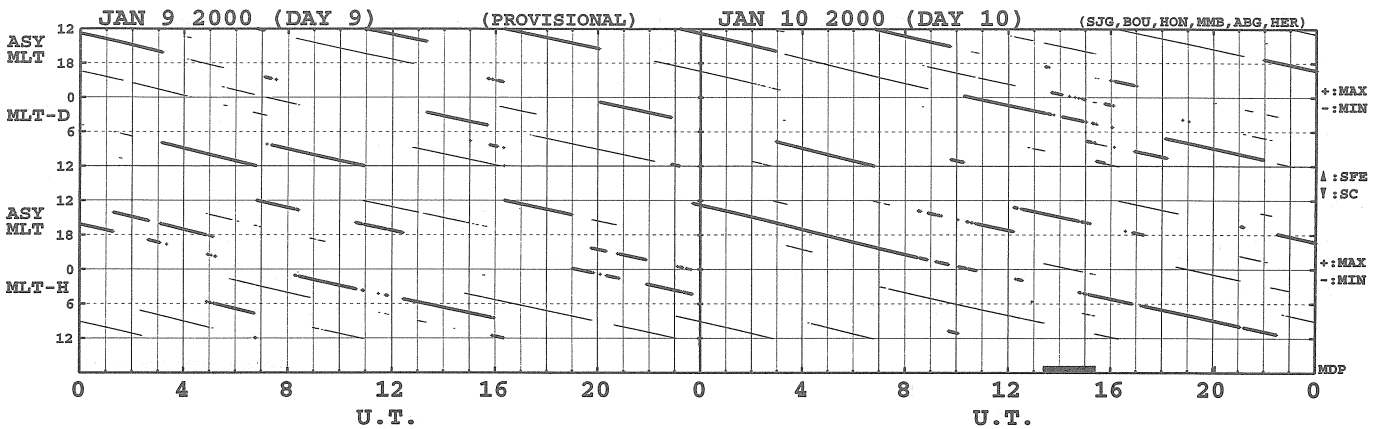
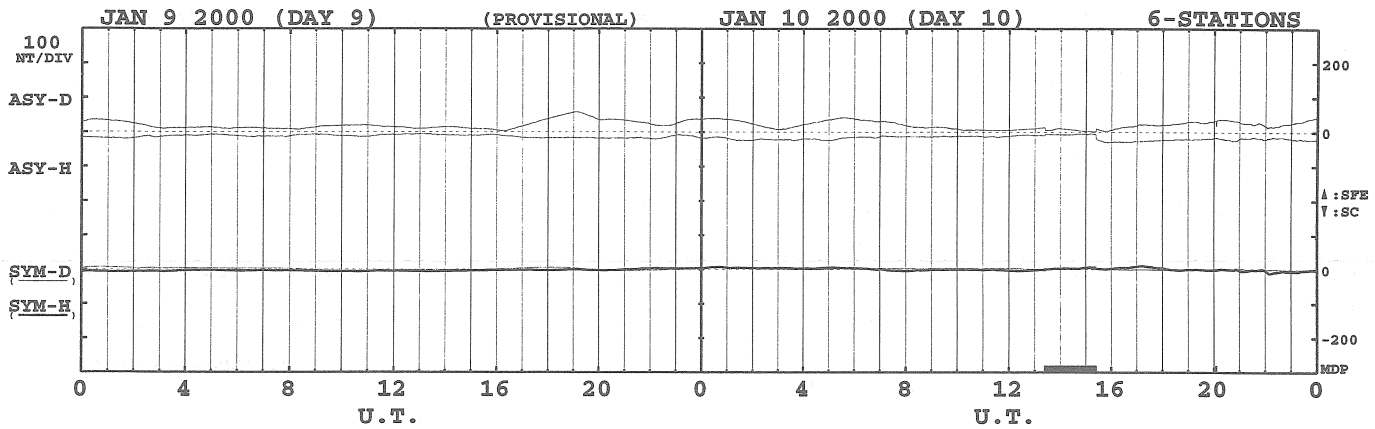
References

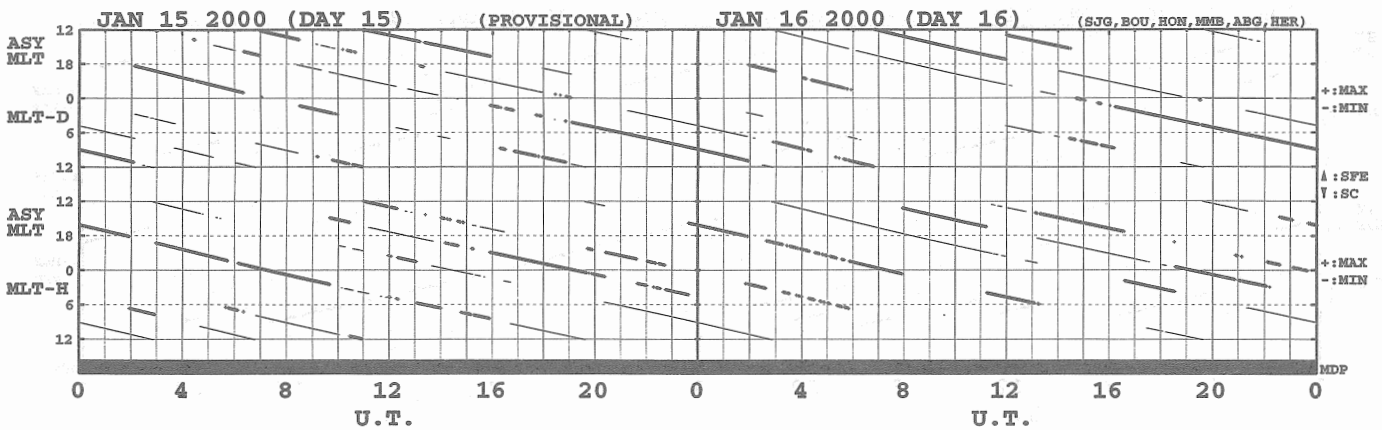
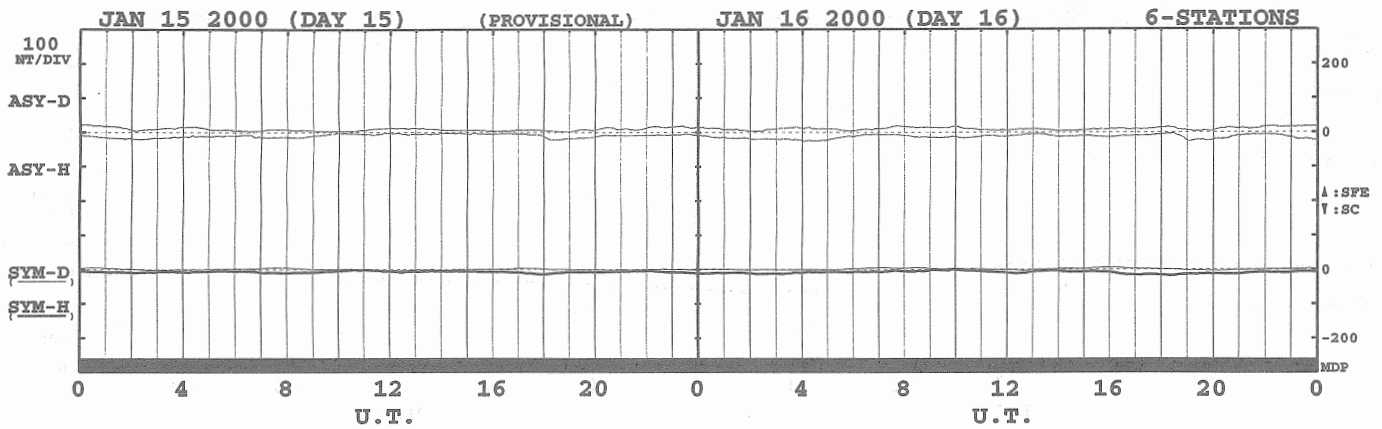
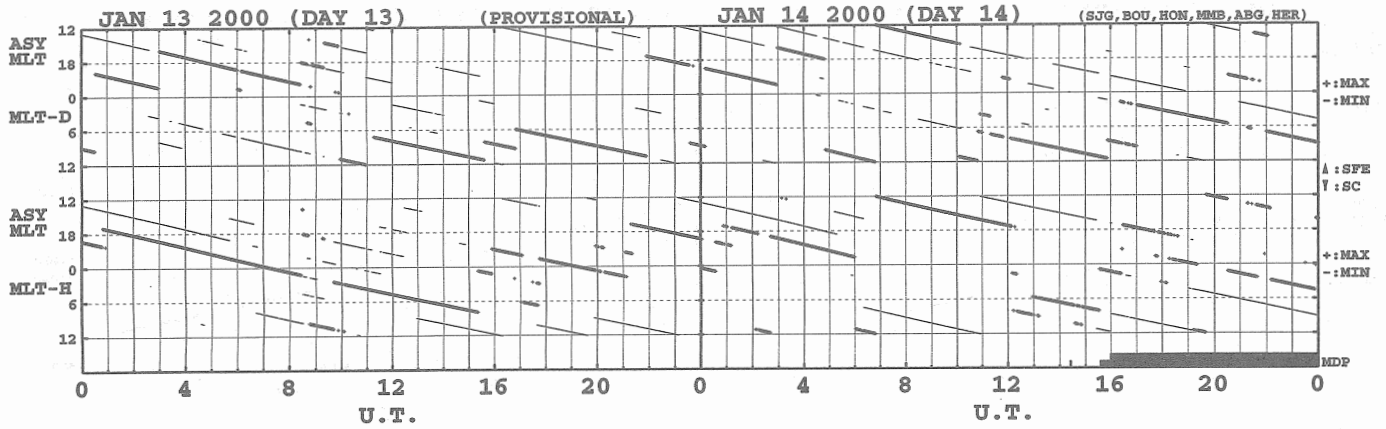
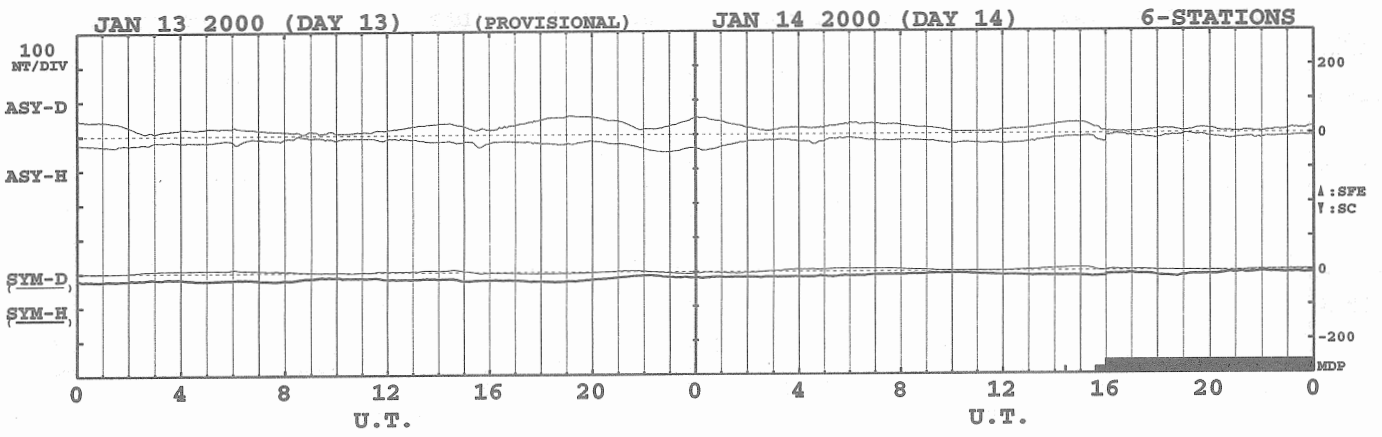
- Clauer, C.R. and R.L. McPherron, The relative importance of the interplanetary electric field and magnetospheric substorms on the partial ring current development, *J. Geophys. Res.*, 85, 6747-6759, 1980.
- Clauer, C.R., McPherron, R.L. and C. Searls, Solar wind control of the low- latitude asymmetric magnetic disturbance field, *J. Geophys. Res.*, 88, 2123-2130, 1983.
- Crooker, N.C. and G.L. Siscoe, A study of the geomagnetic disturbance field asymmetry, *Radio Sci.*, 6, 495-501, 1971.
- Crooker, N.C., High-time resolution of the low-latitude asymmetric disturbance in the geomagnetic field, 77, 773-775, 1972.
- Iyemori, T., Storm-time magnetospheric currents inferred from mid-latitude geomagnetic field variations, *J. Geomag. Geoelectr.*, 42, 1249-1265, 1990.
- Iyemori, T. and D.R.K. Rao, Decay of the Dst field of geomagnetic disturbance after substorm onset and its implication to storm-substorm relation, *Ann. Geophys.*, 14, 608-618, 1996.
- Kawasaki, K. and S.-I. Akasofu, Low-latitude DS component of geomagnetic storm field, *J. Geophys. Res.*, 76, 2396-2405, 1971.
- Sugiura, M. and D.J. Poros, Hourly values of equatorial Dst for years 1957 to 1970, Rep. X-645-71-278, Goddard Space Flight Center, Greenbelt, Maryland, 1971.

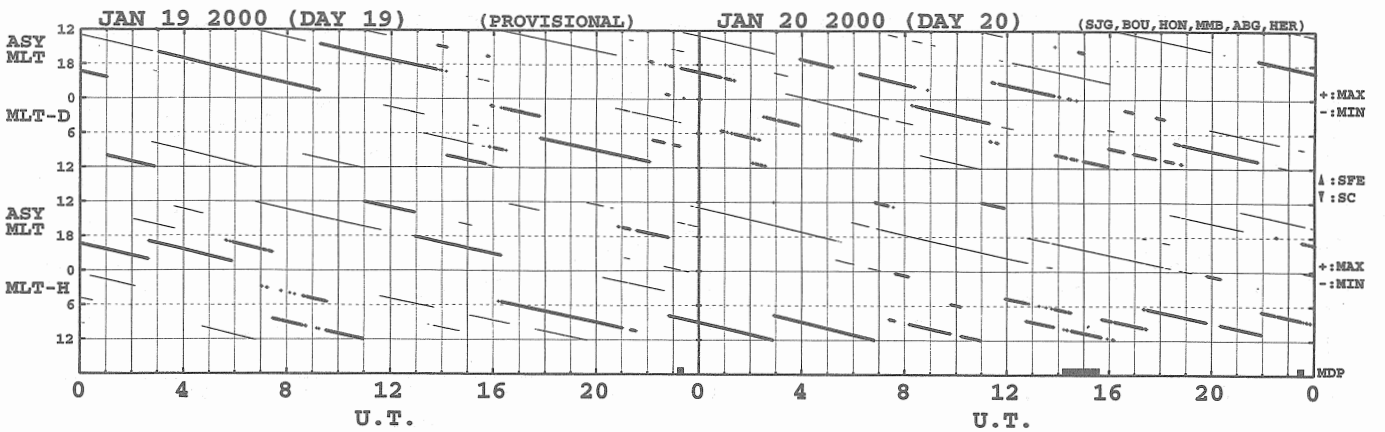
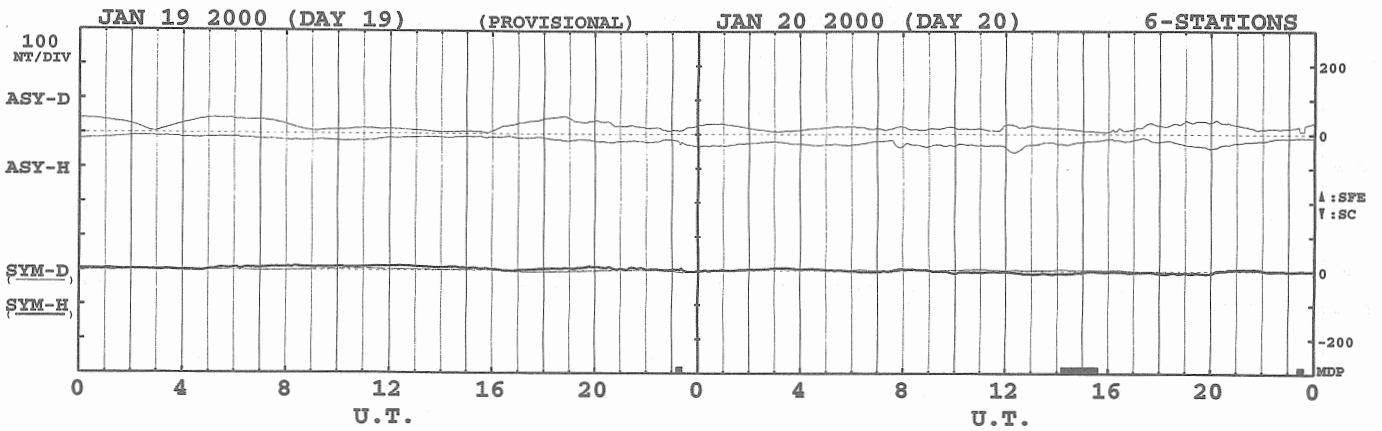
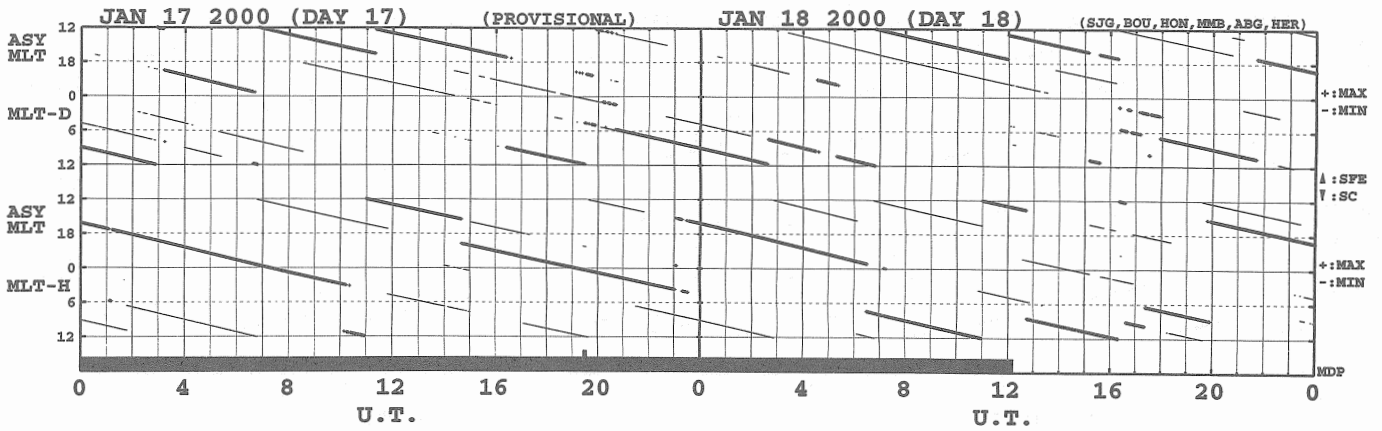
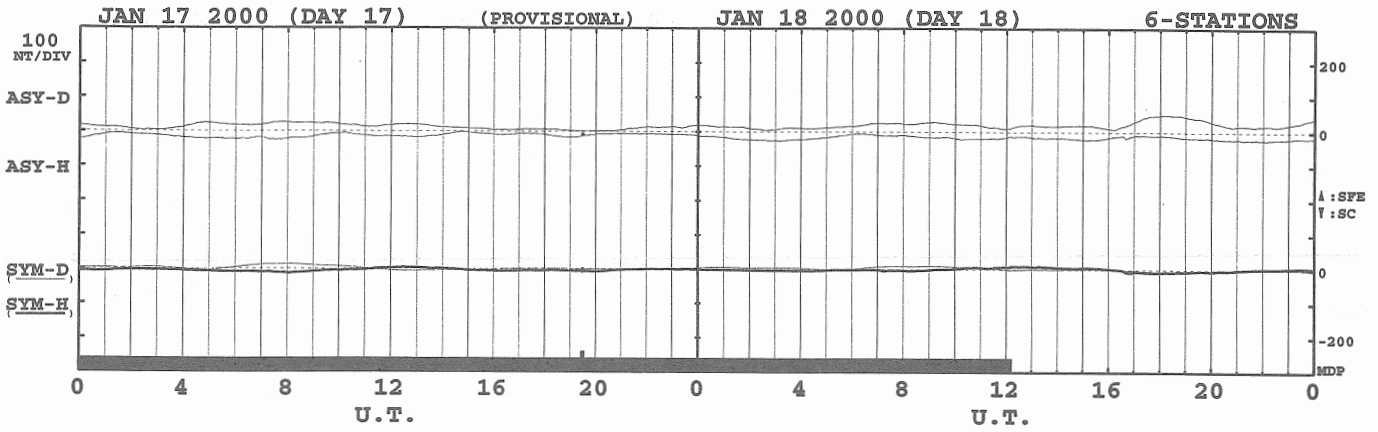
ASY and SYM Indices

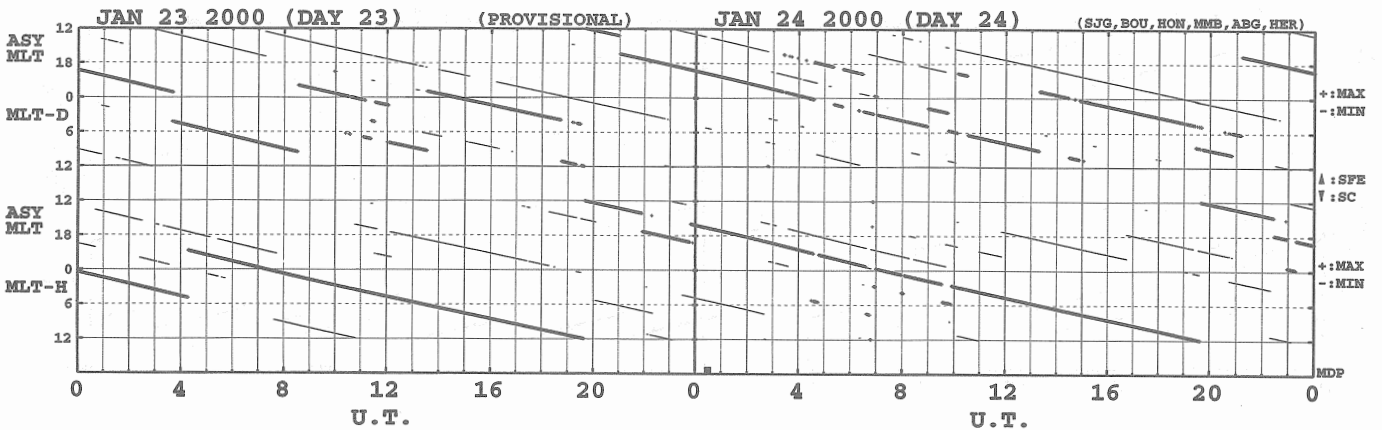
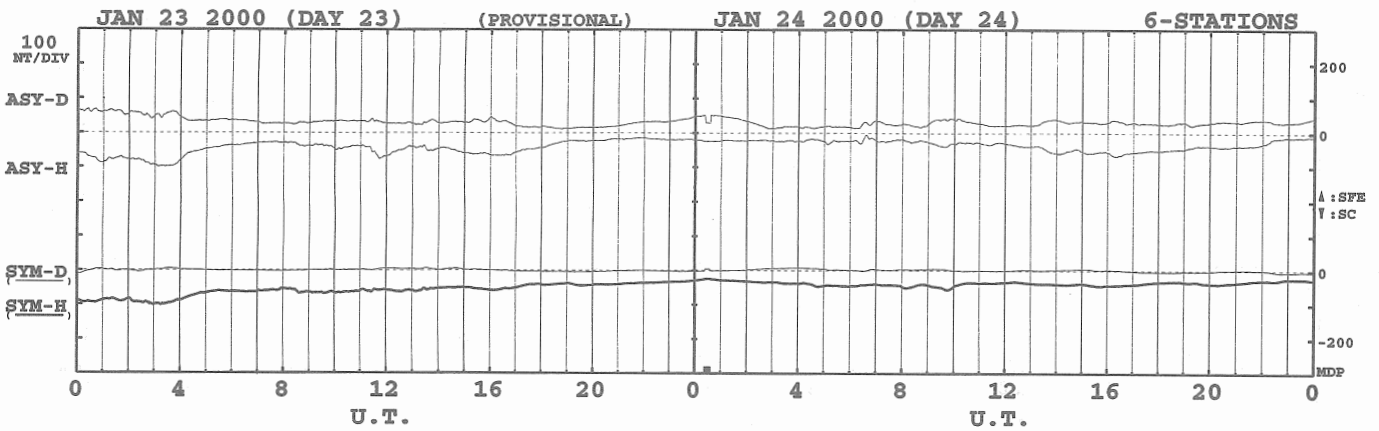
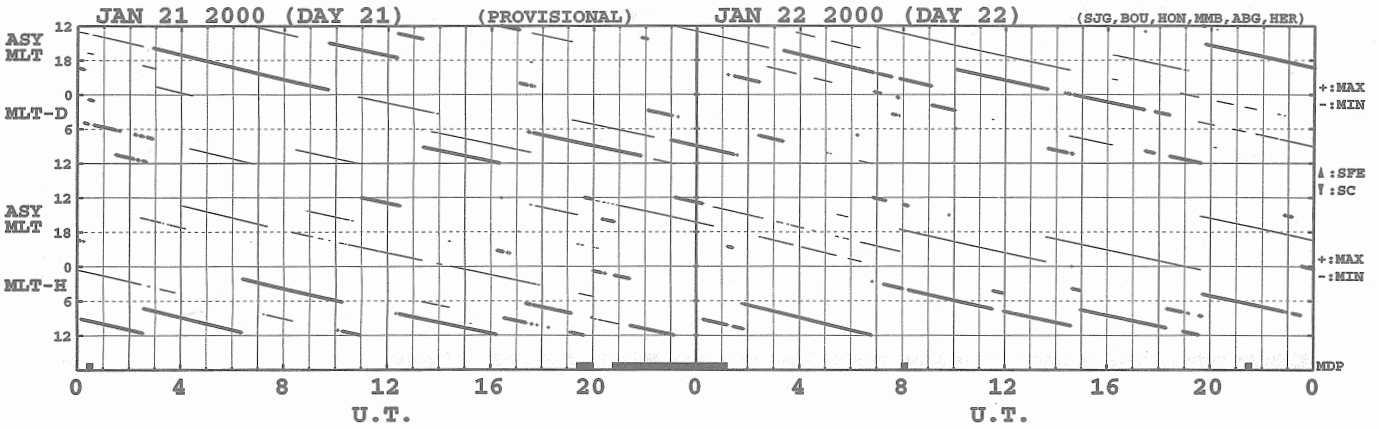
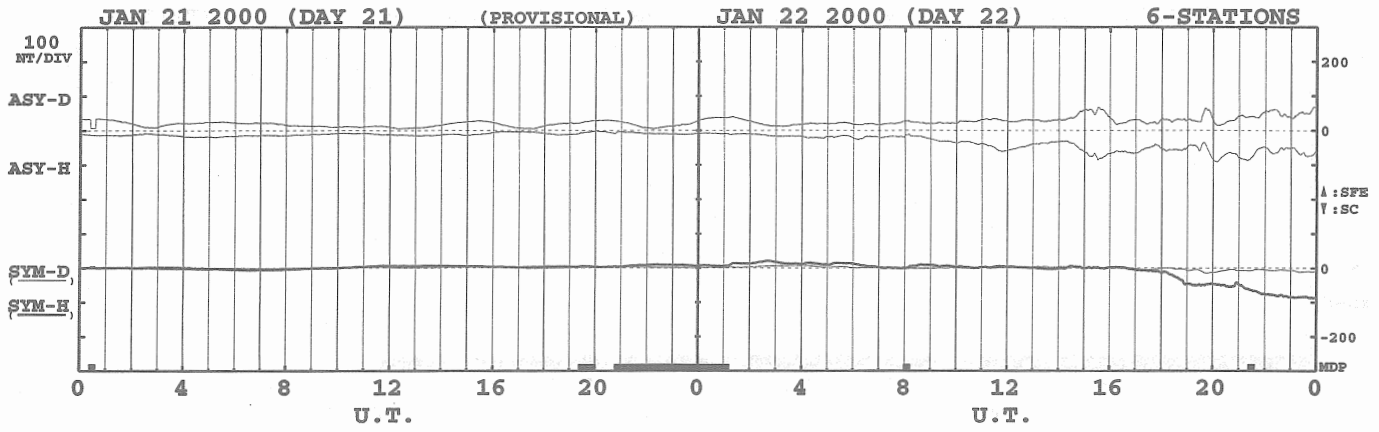
**Plots and Tables
for
January - December, 2000**

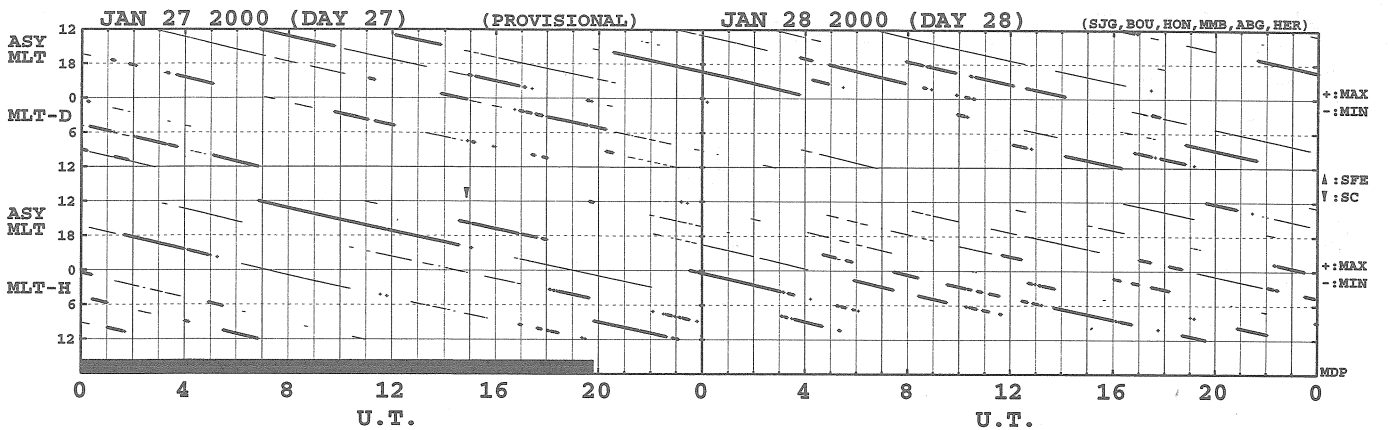
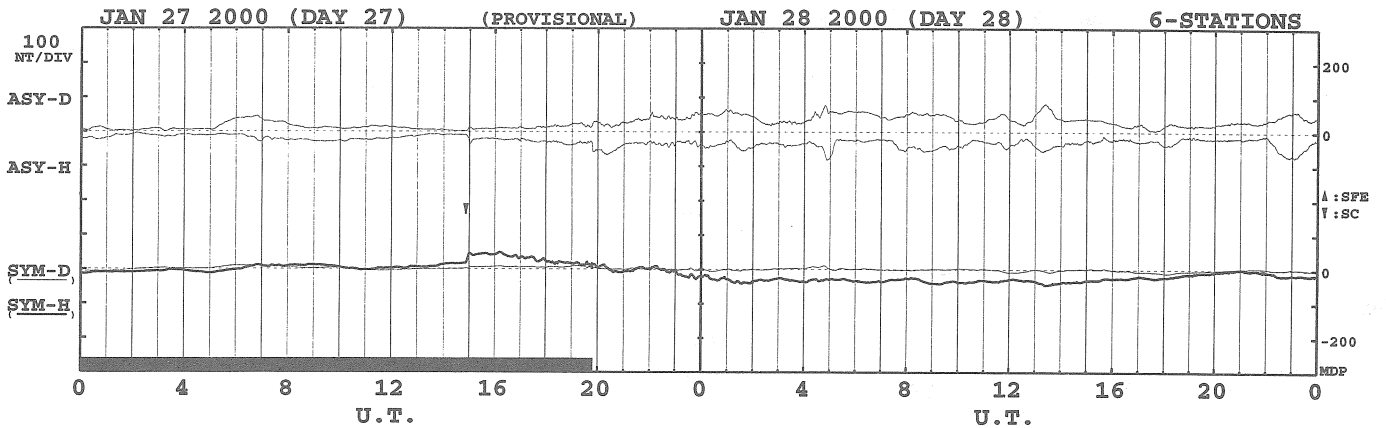
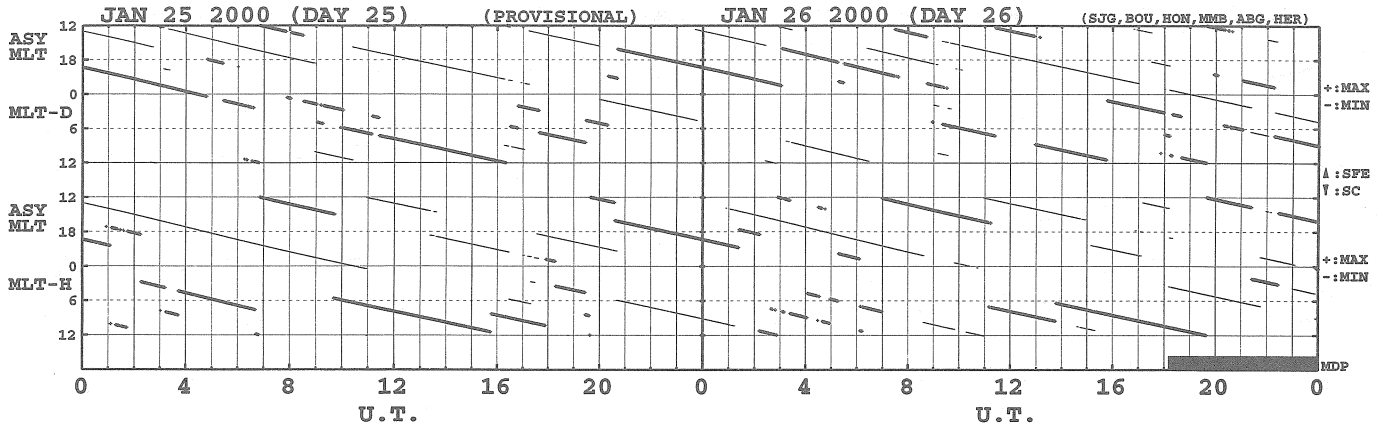
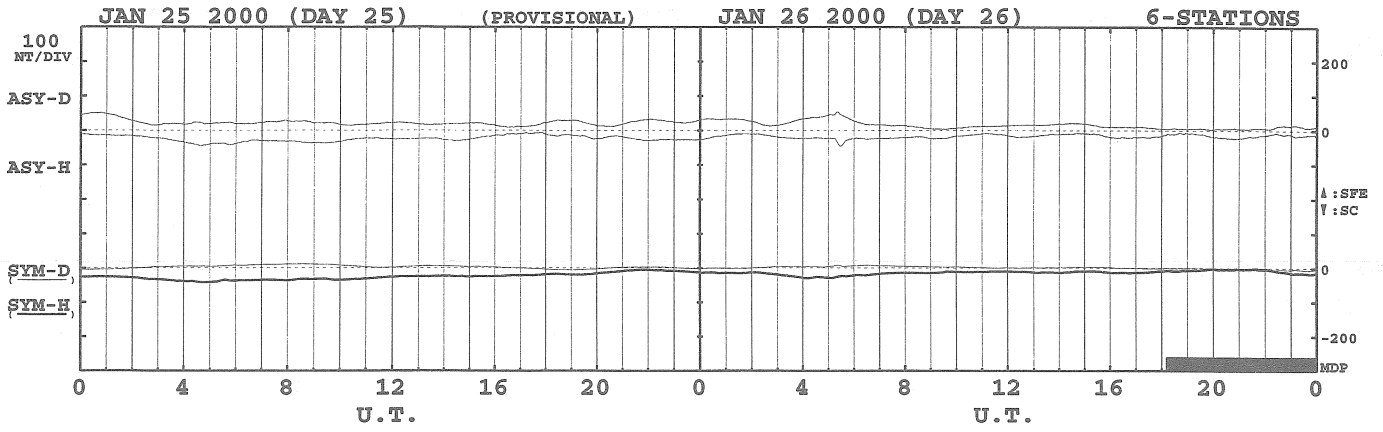


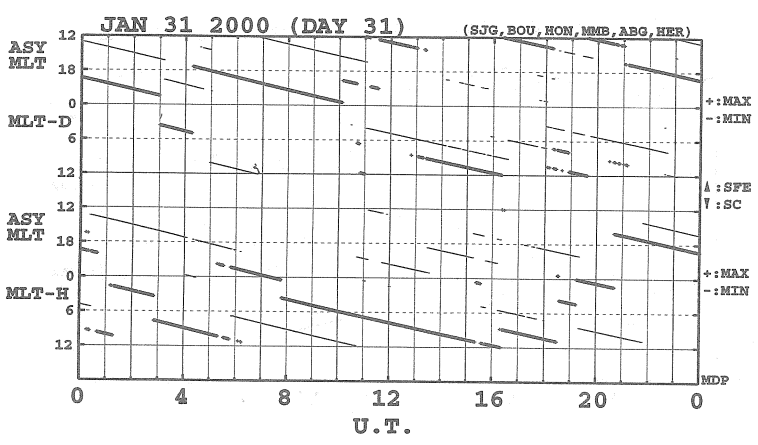
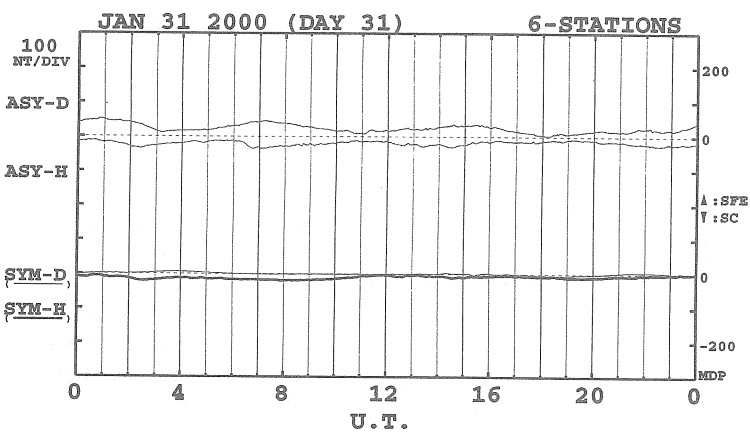
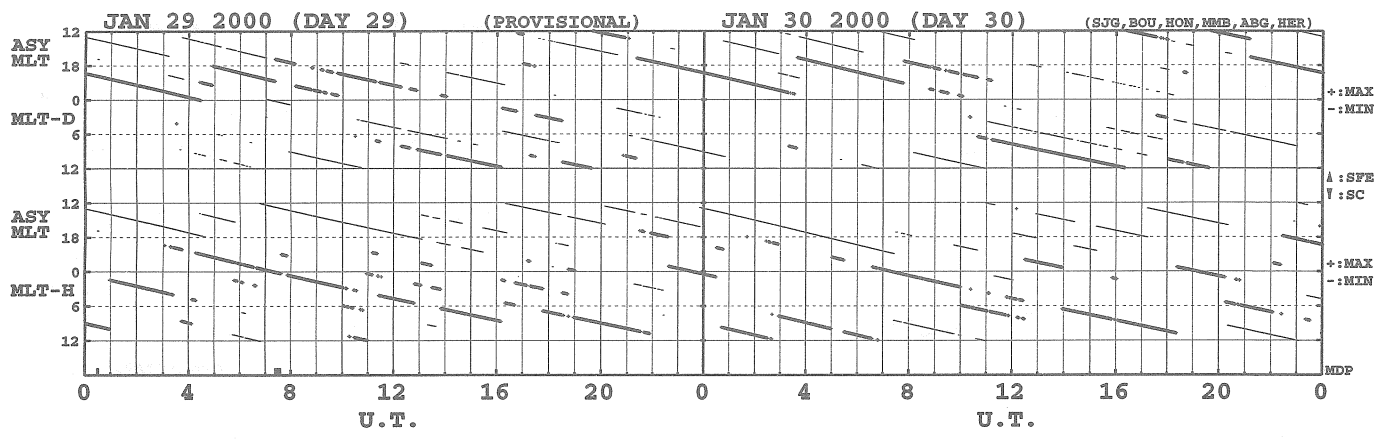
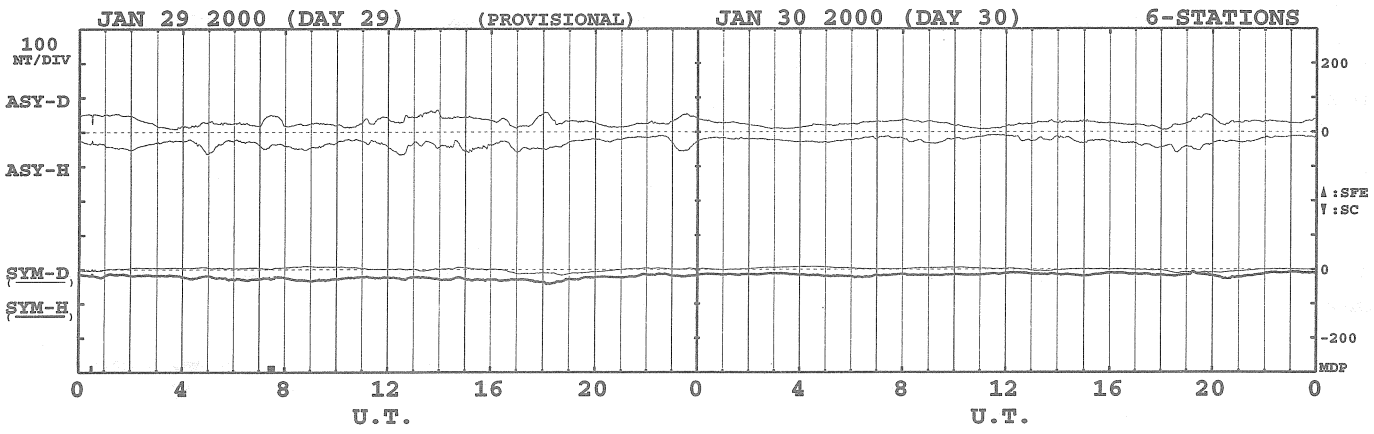


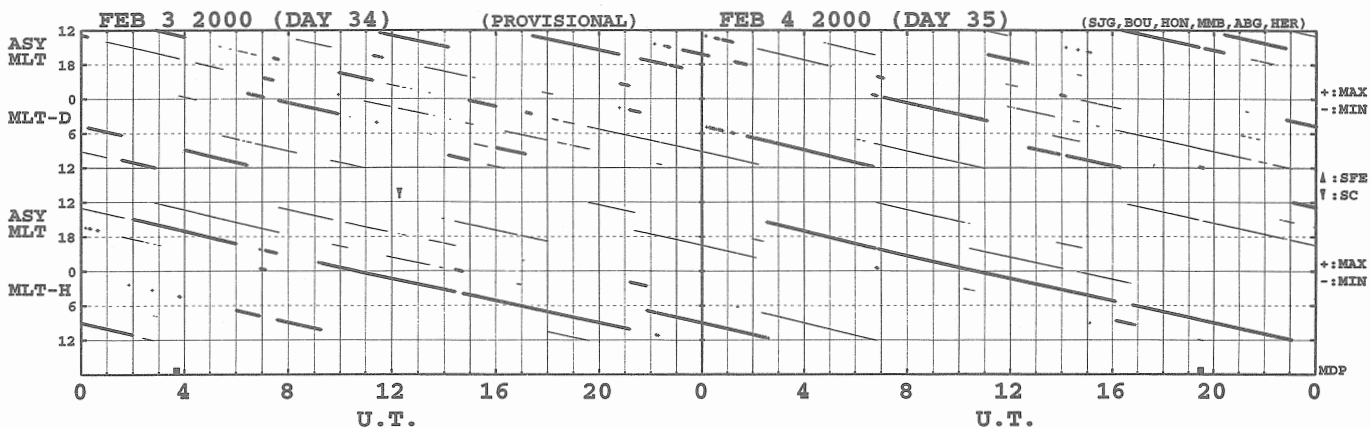
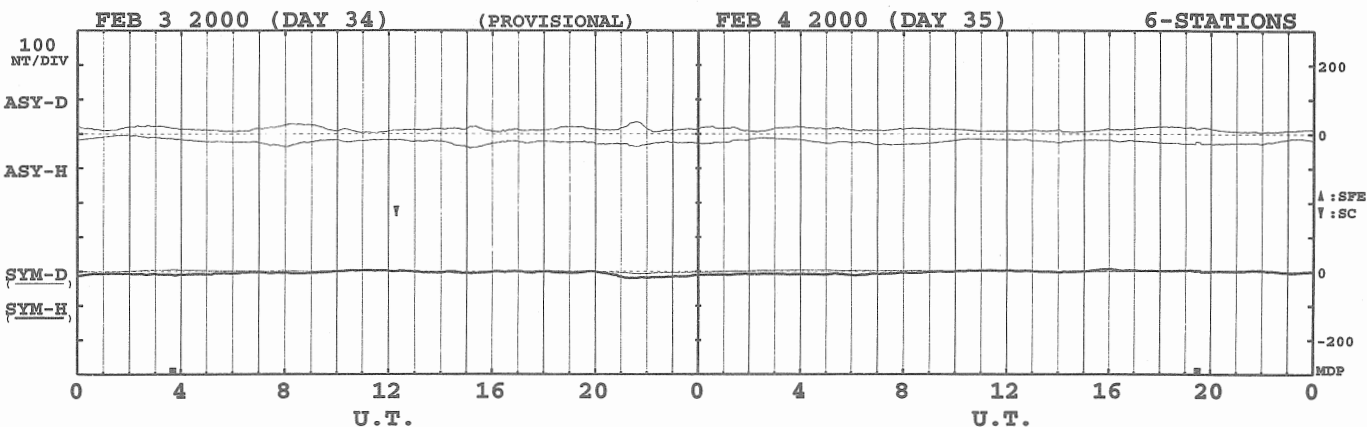
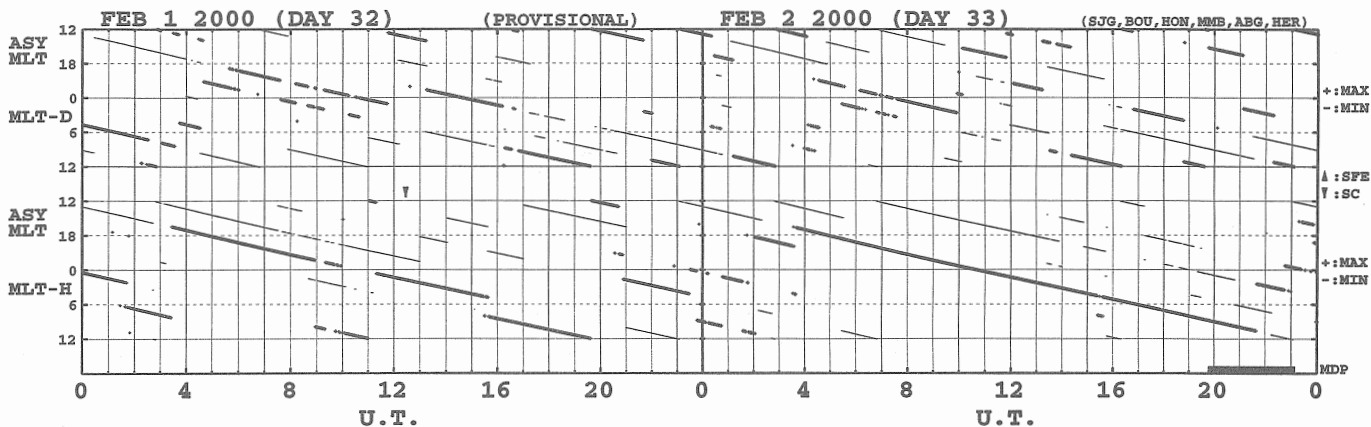
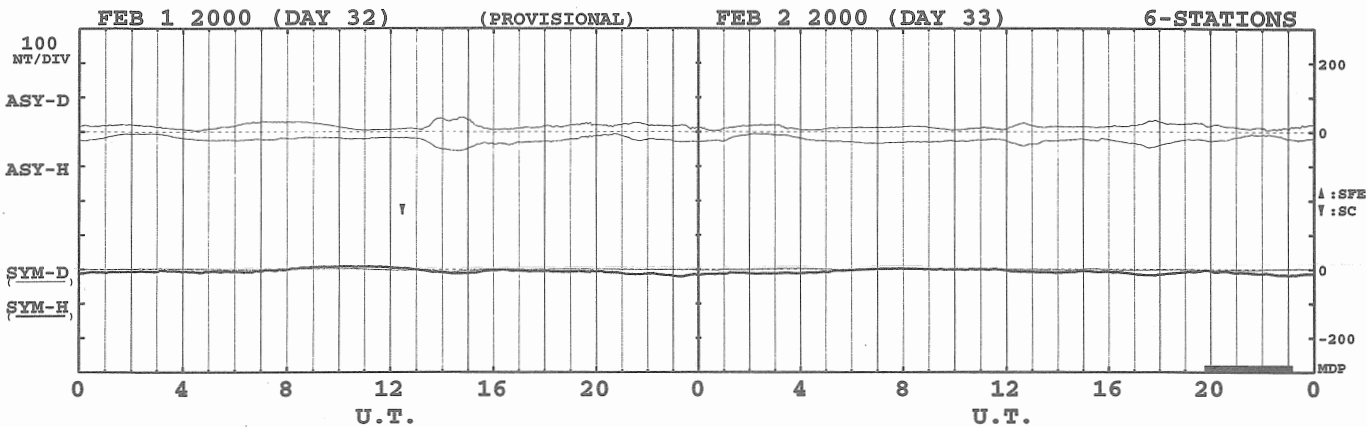


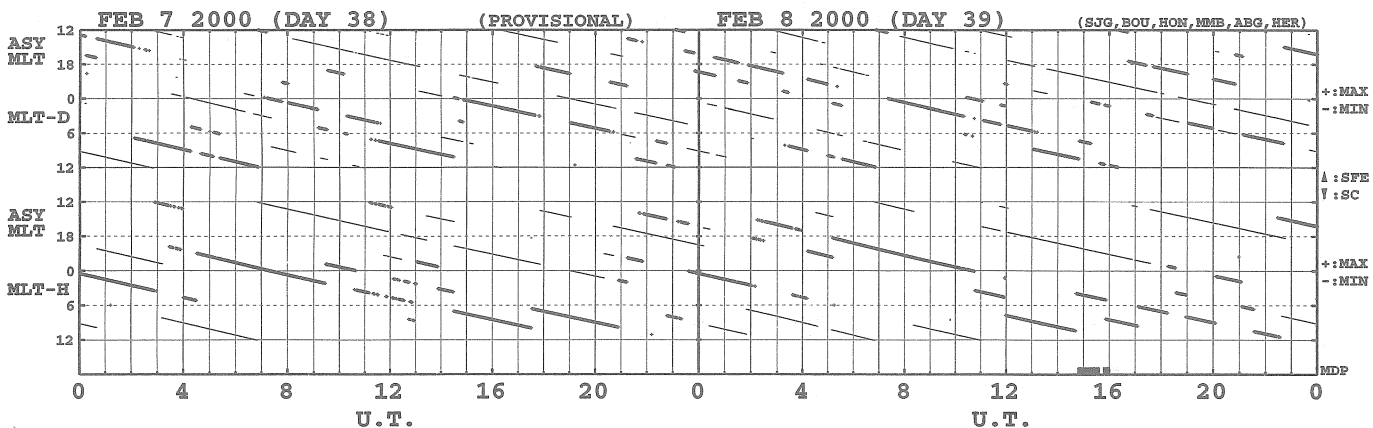
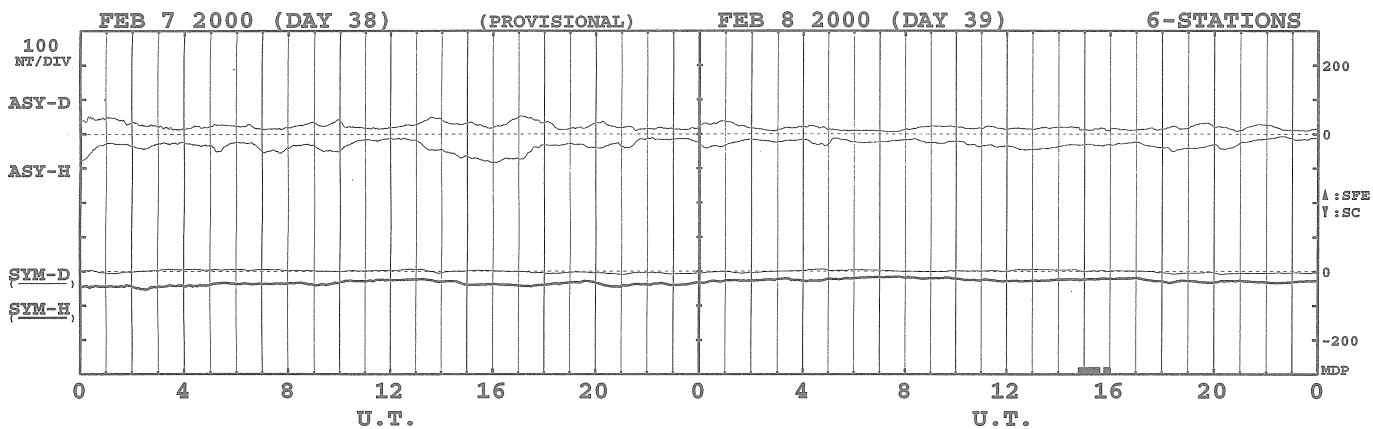
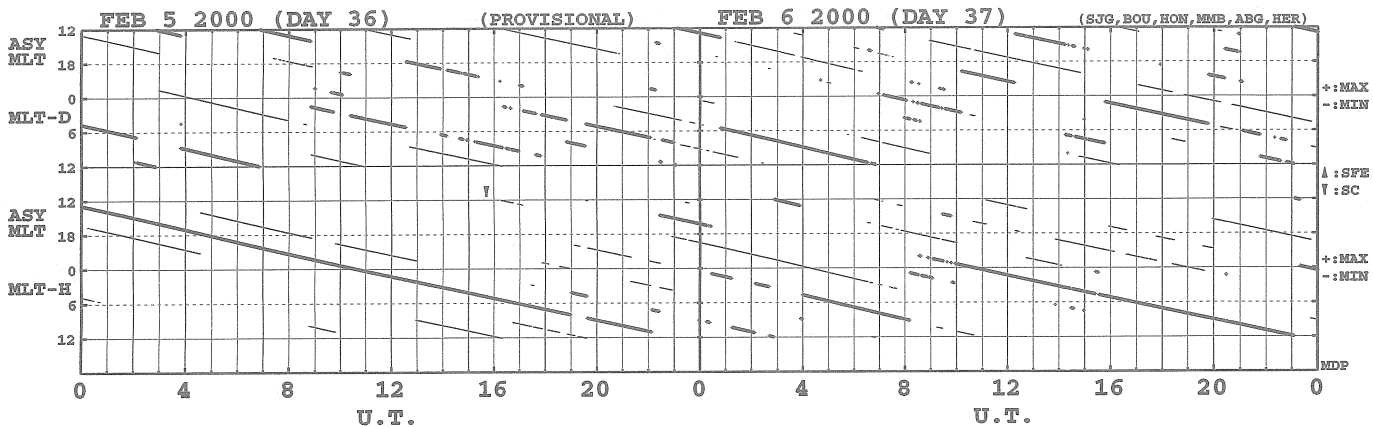
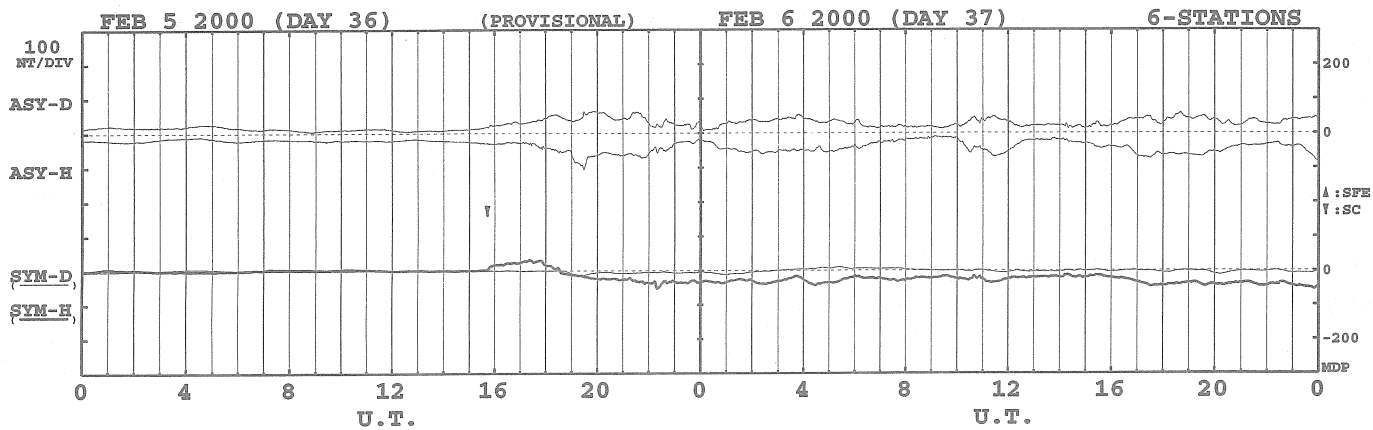


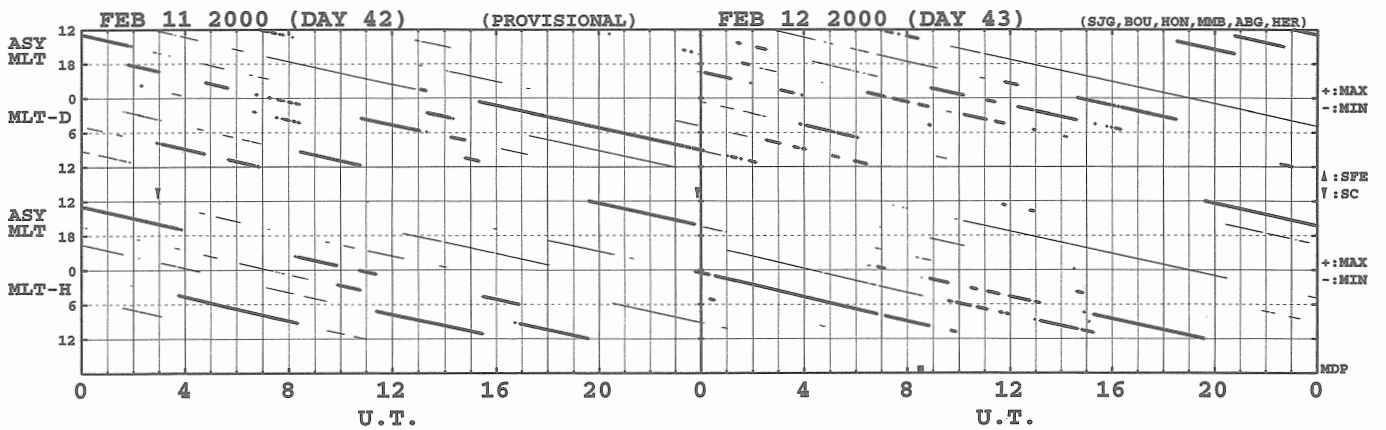
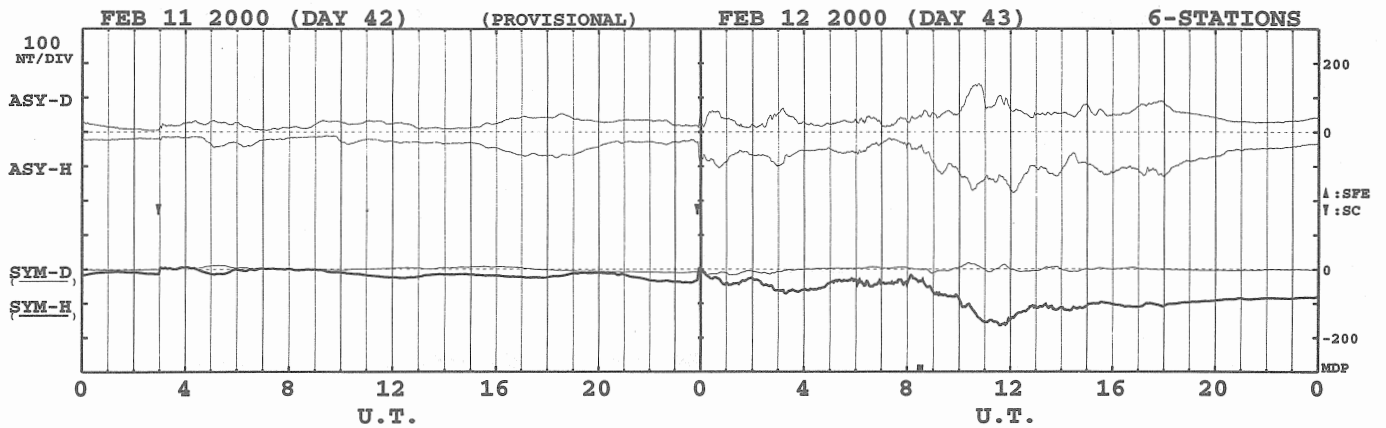
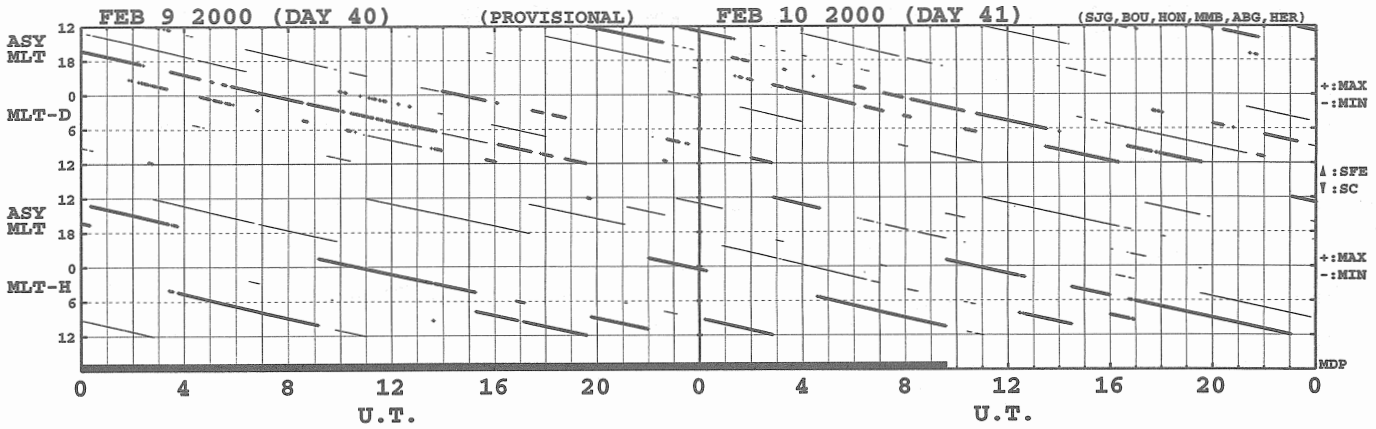
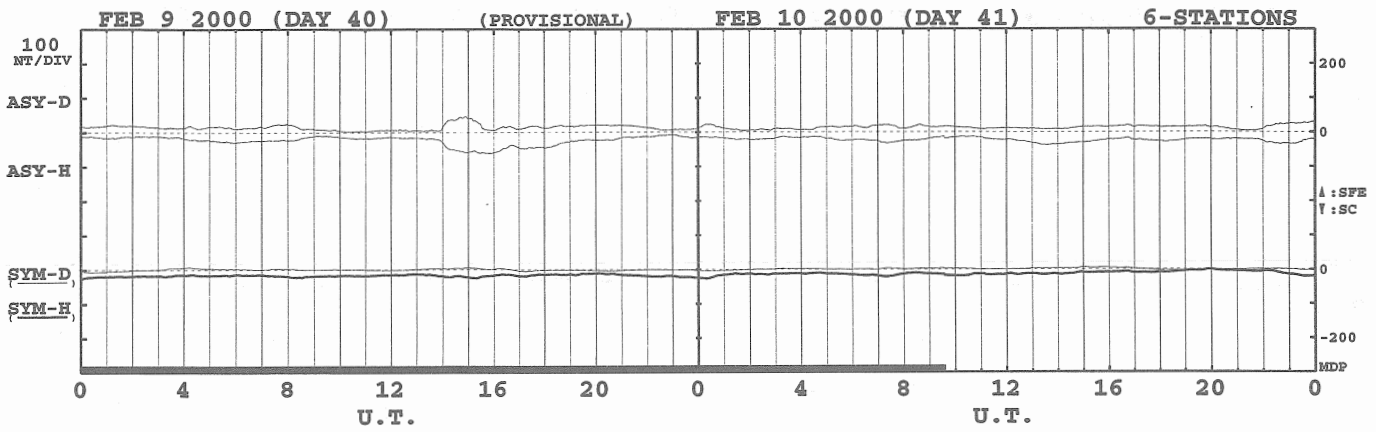


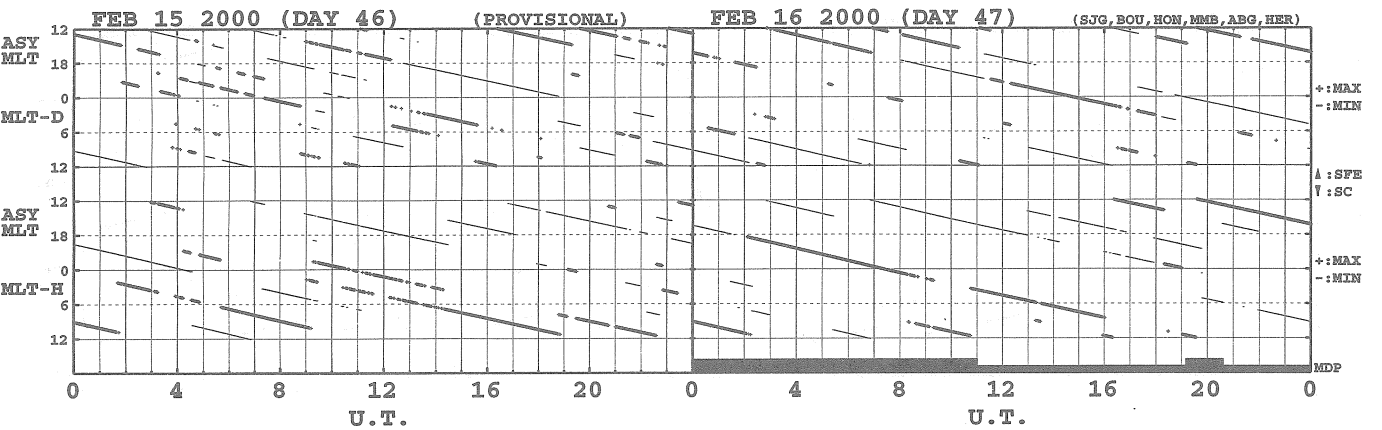
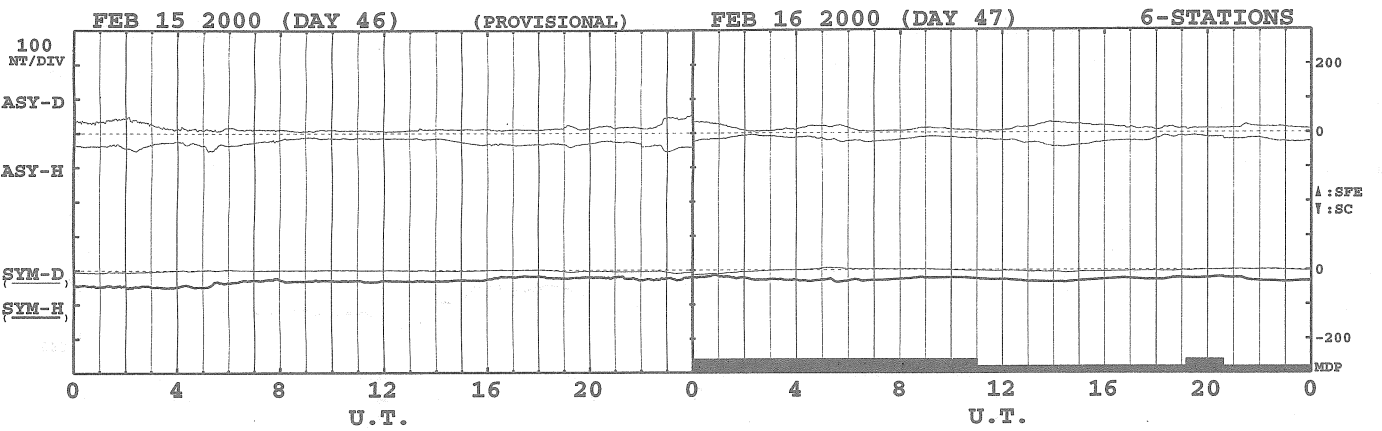
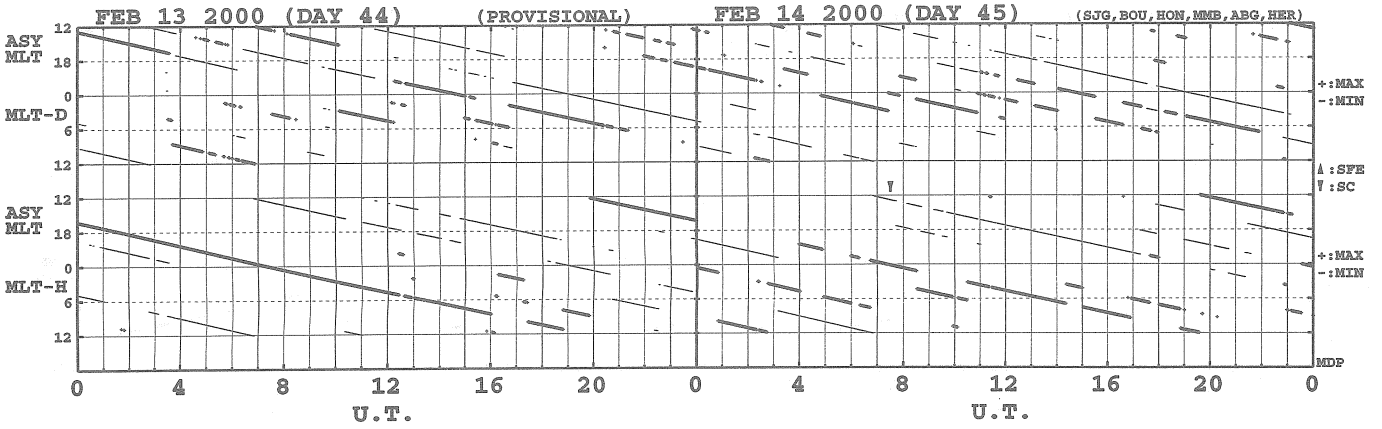
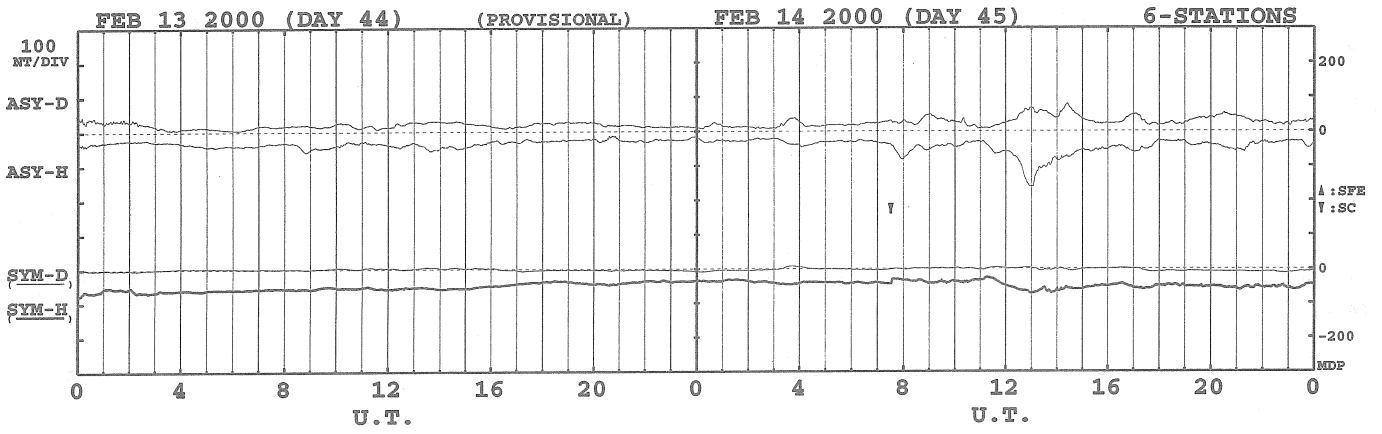


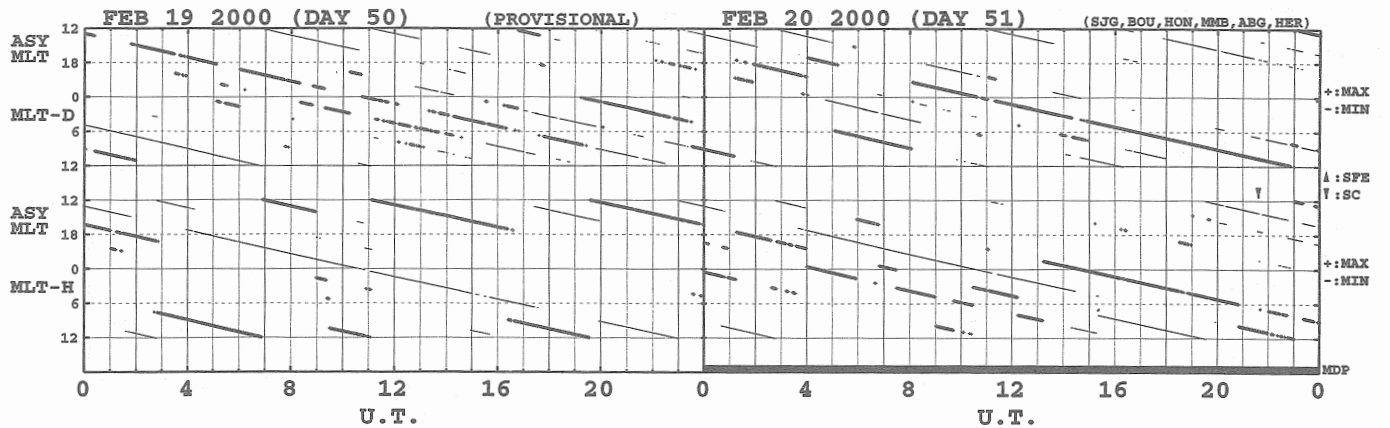
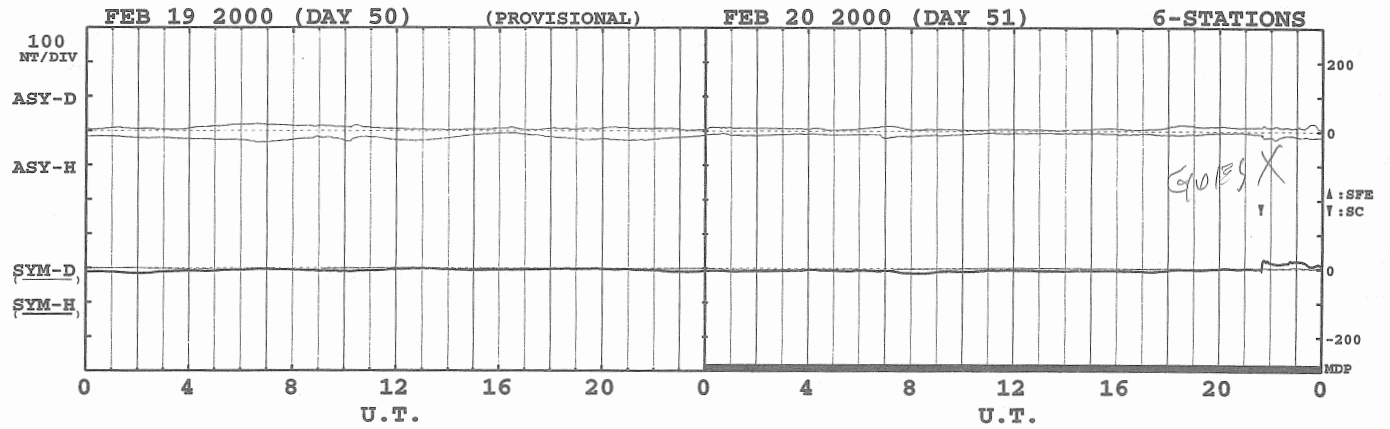
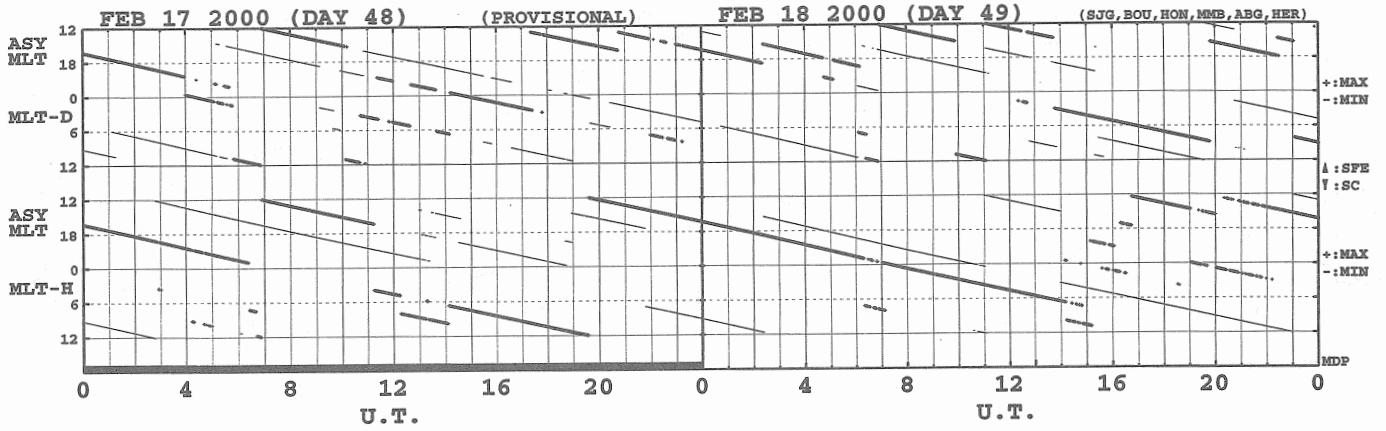
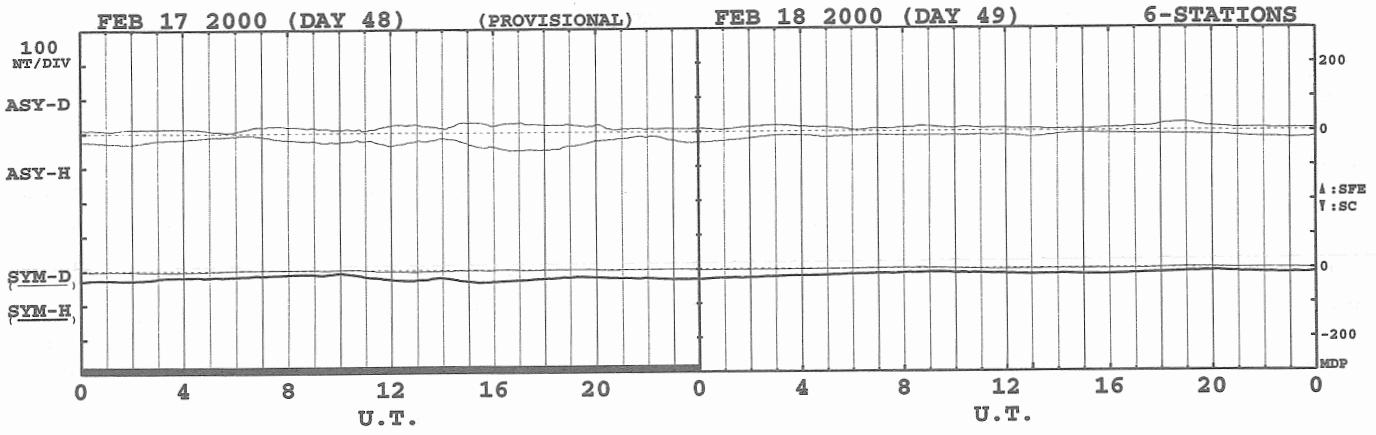


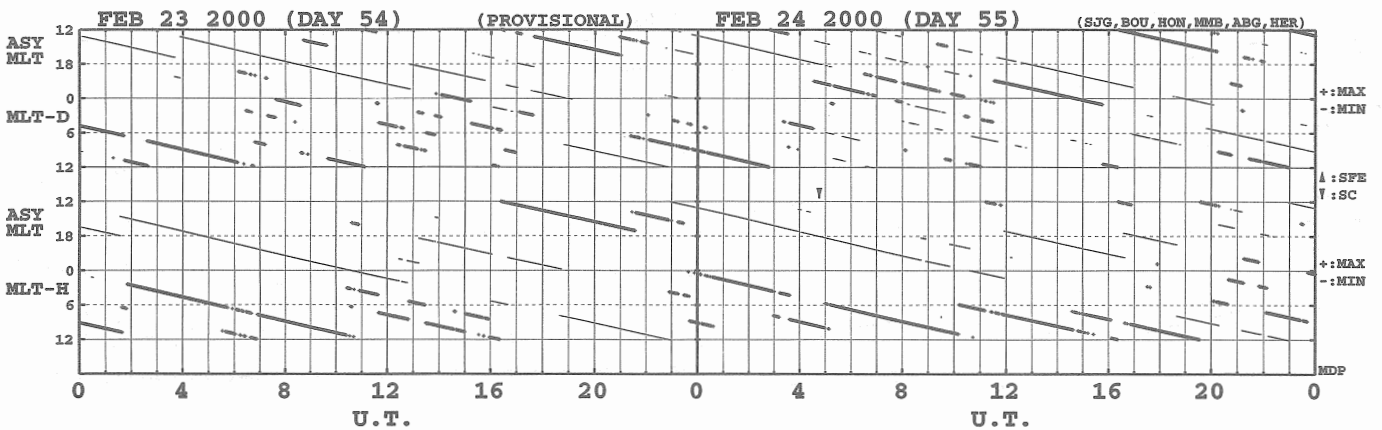
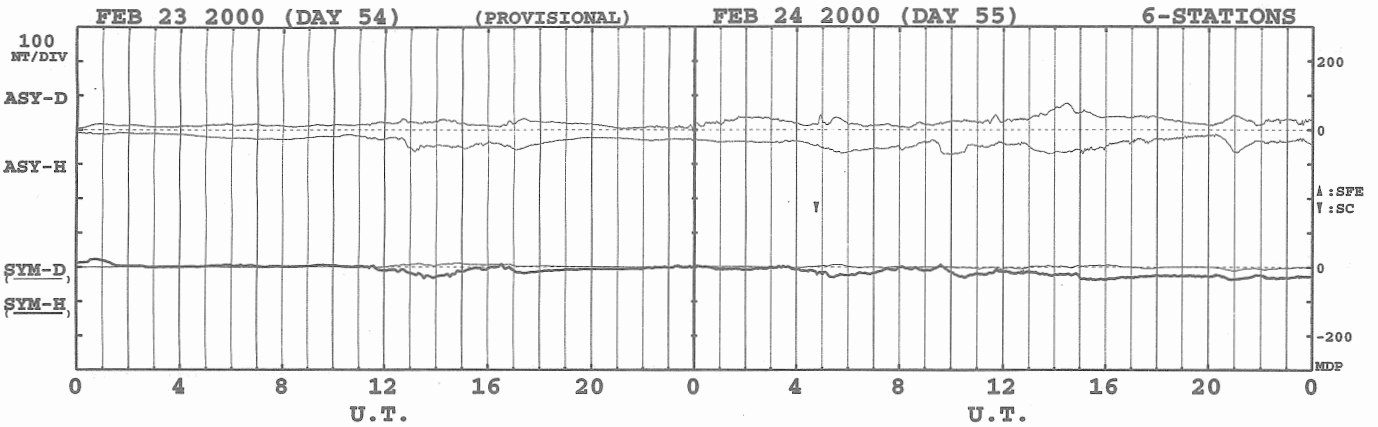
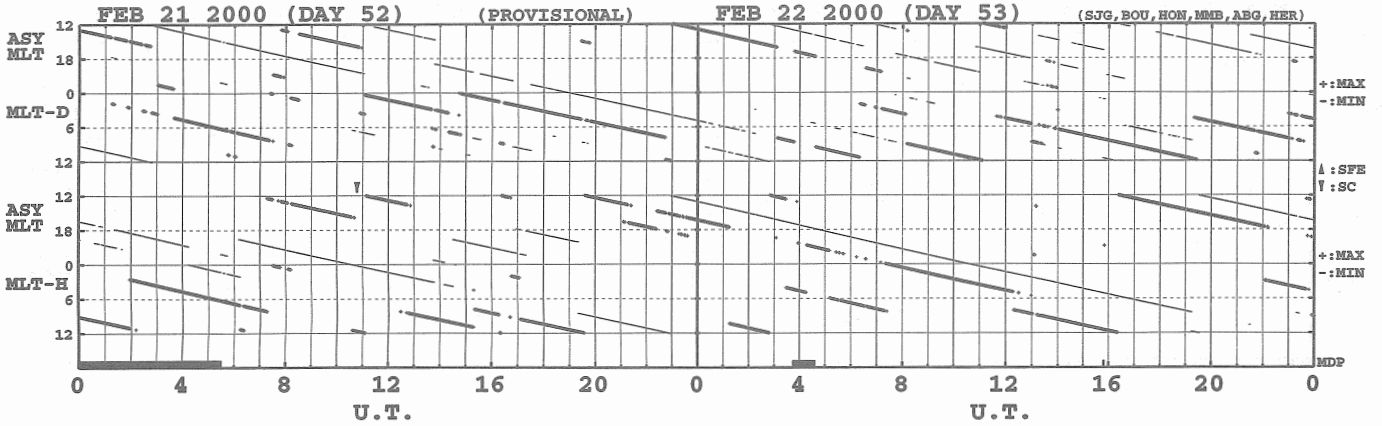
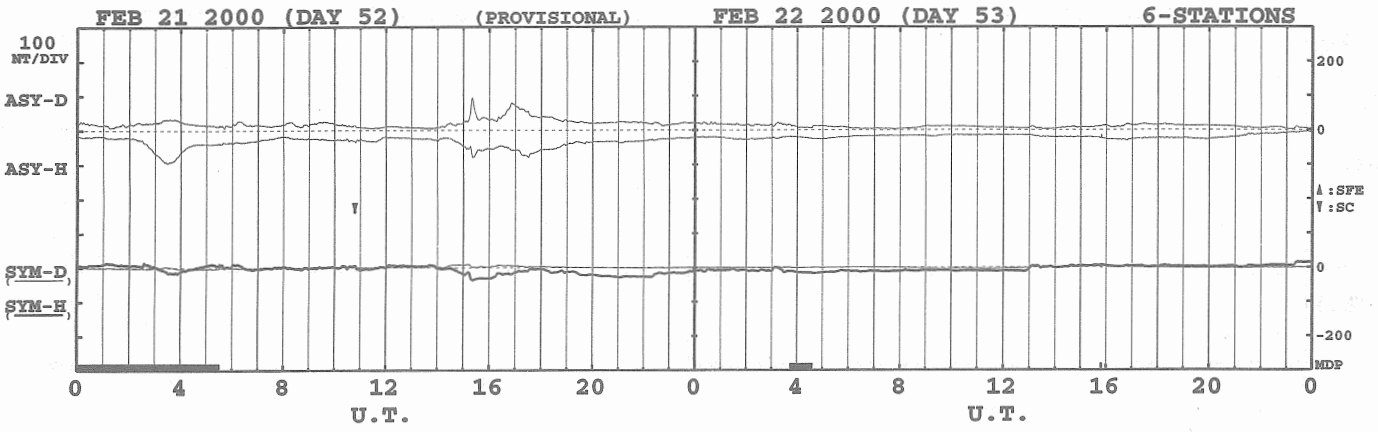


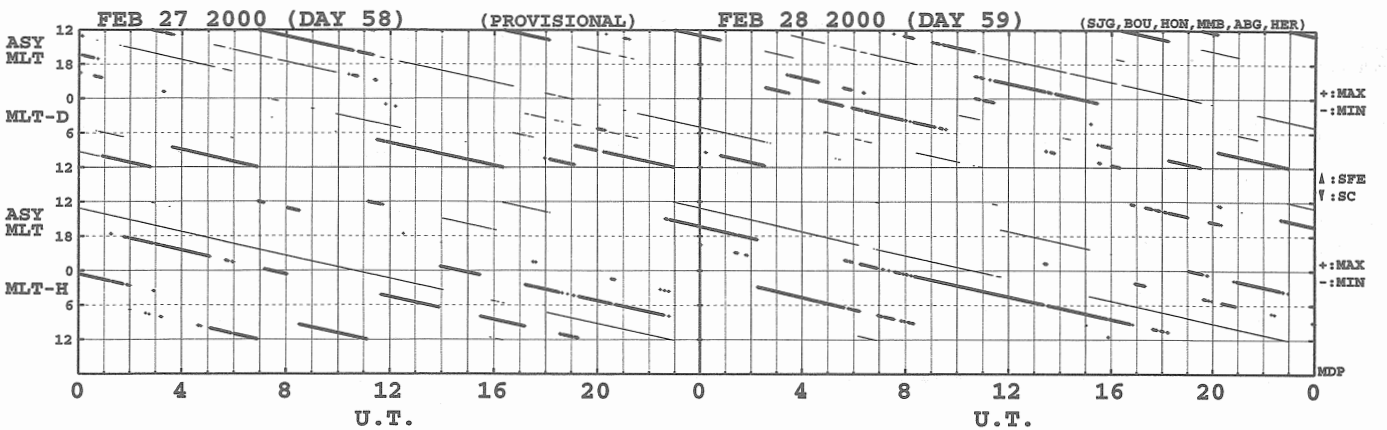
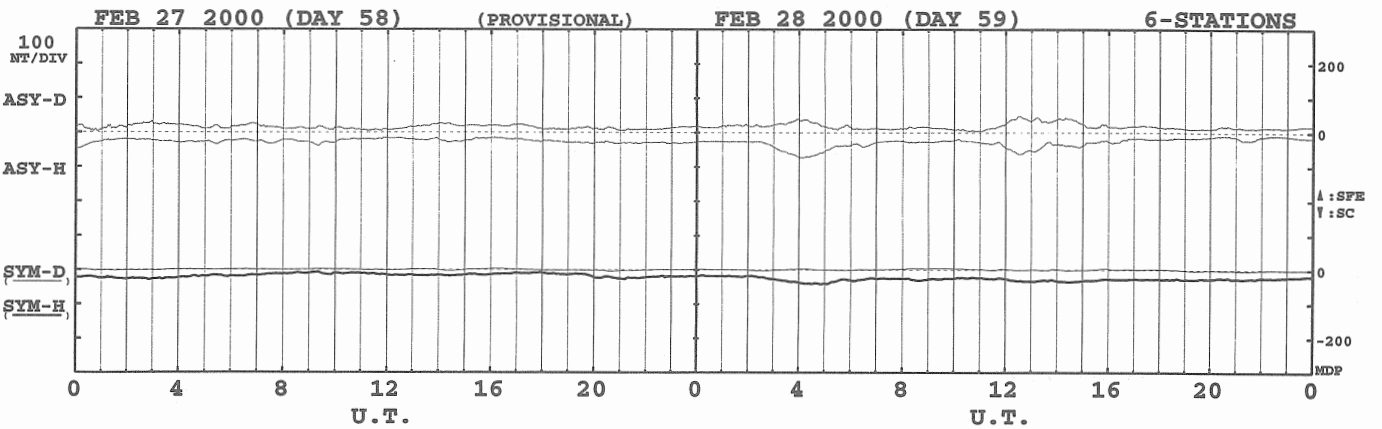
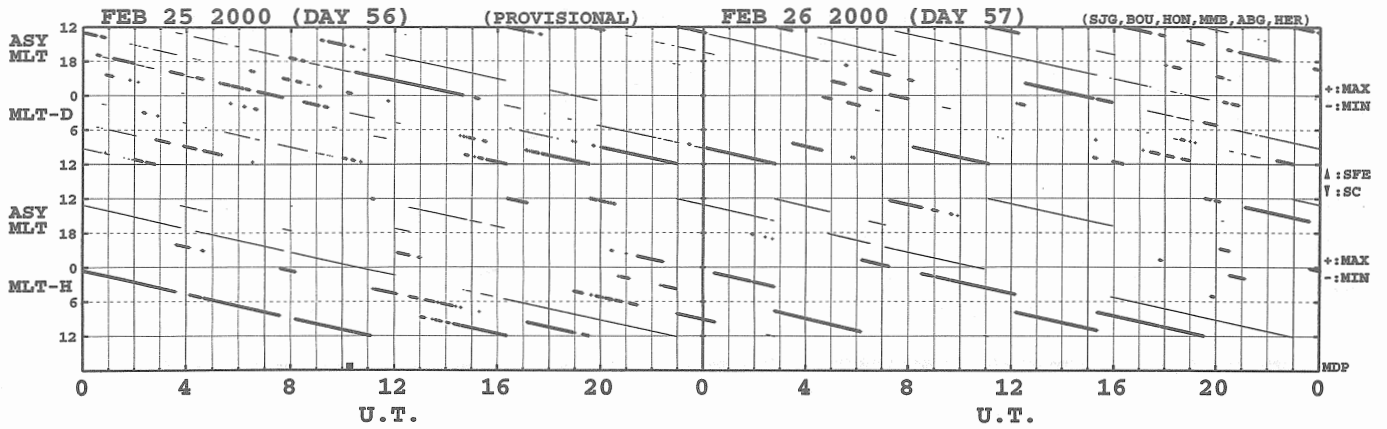
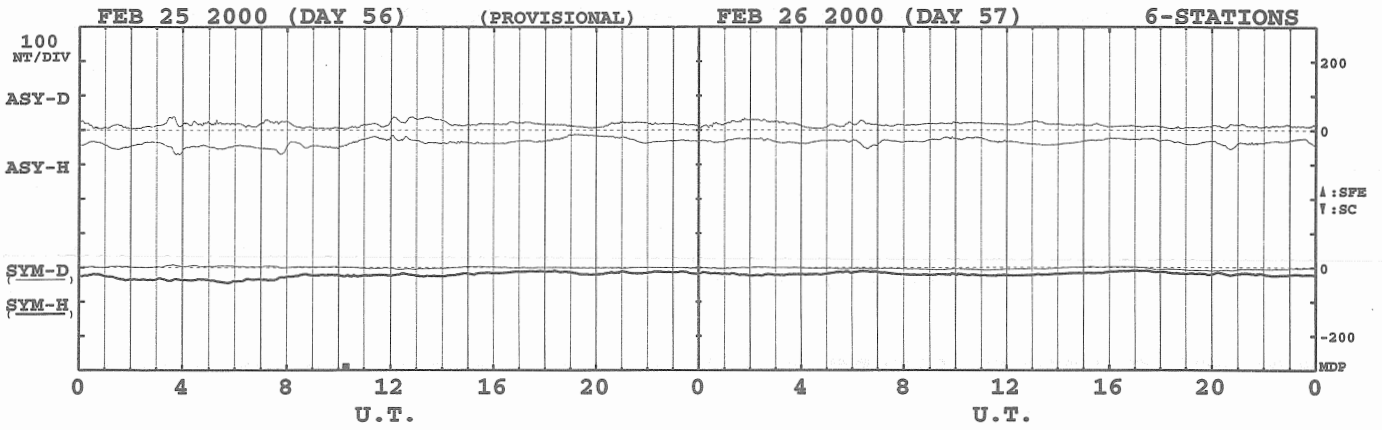




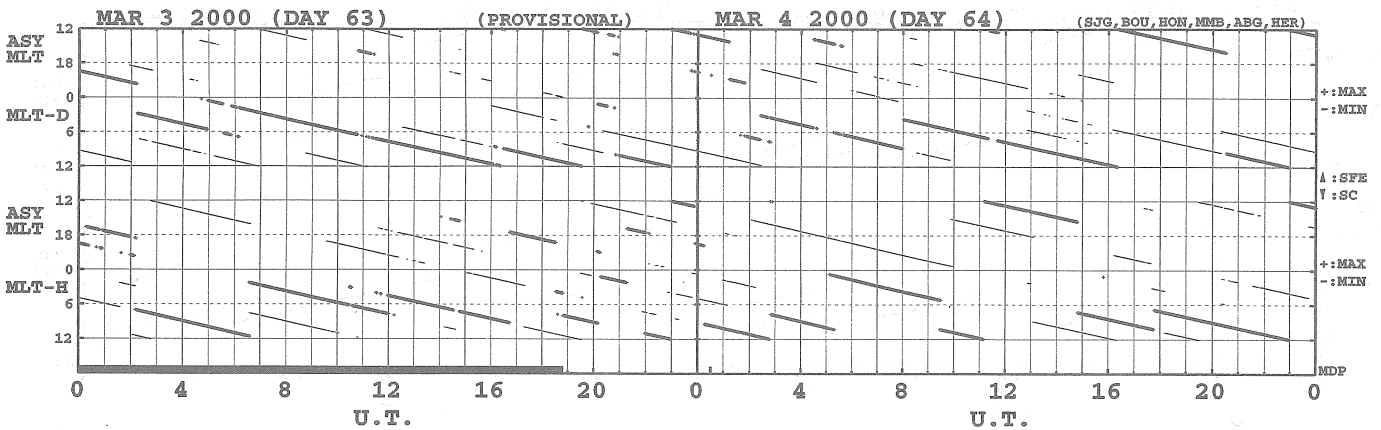
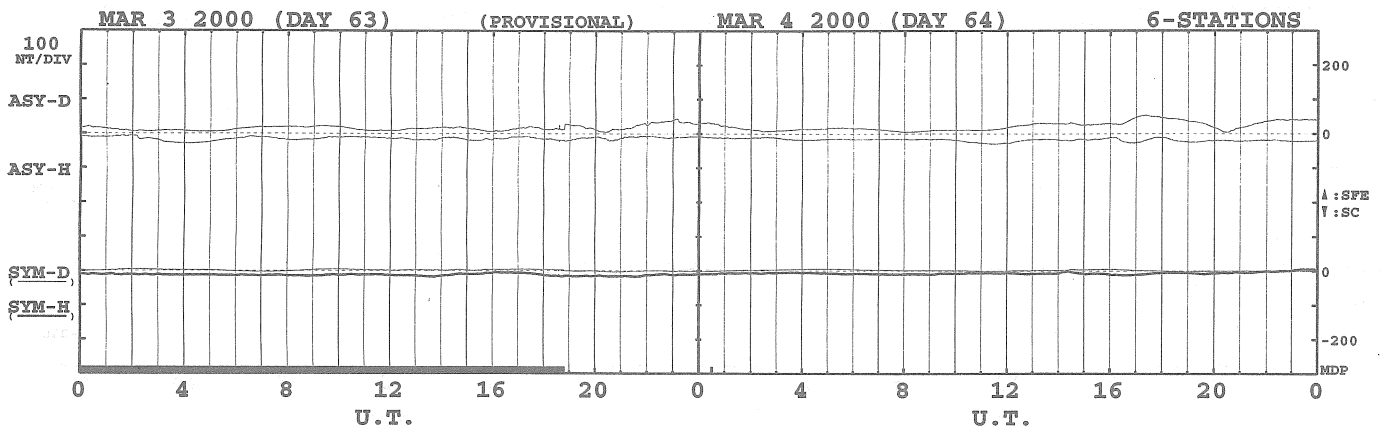
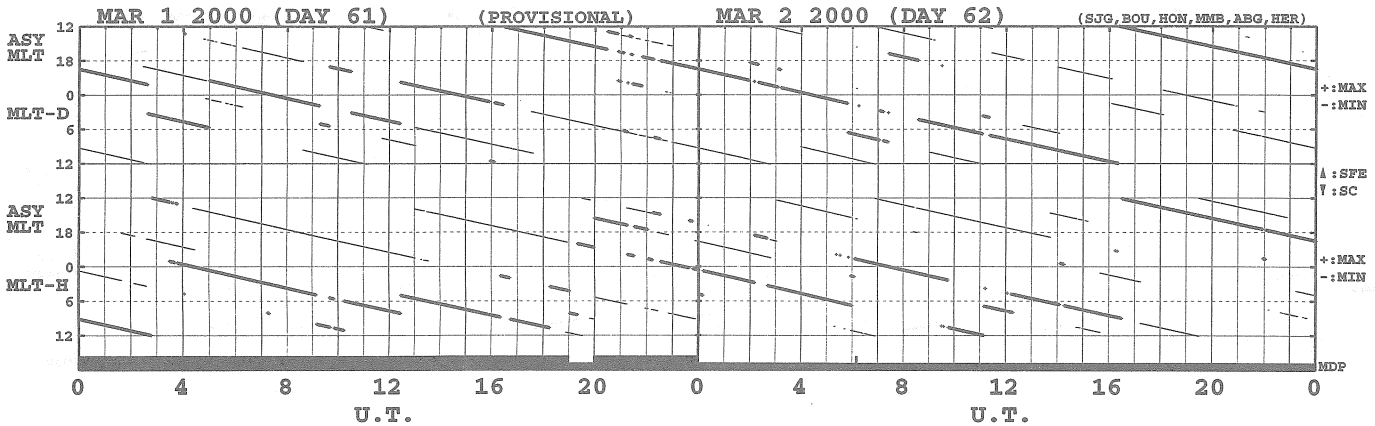
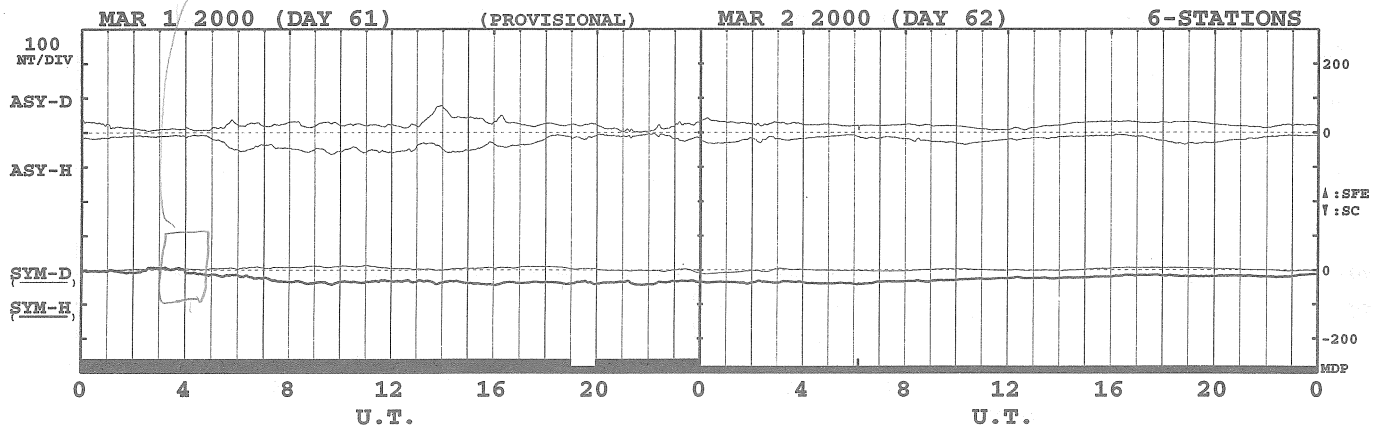


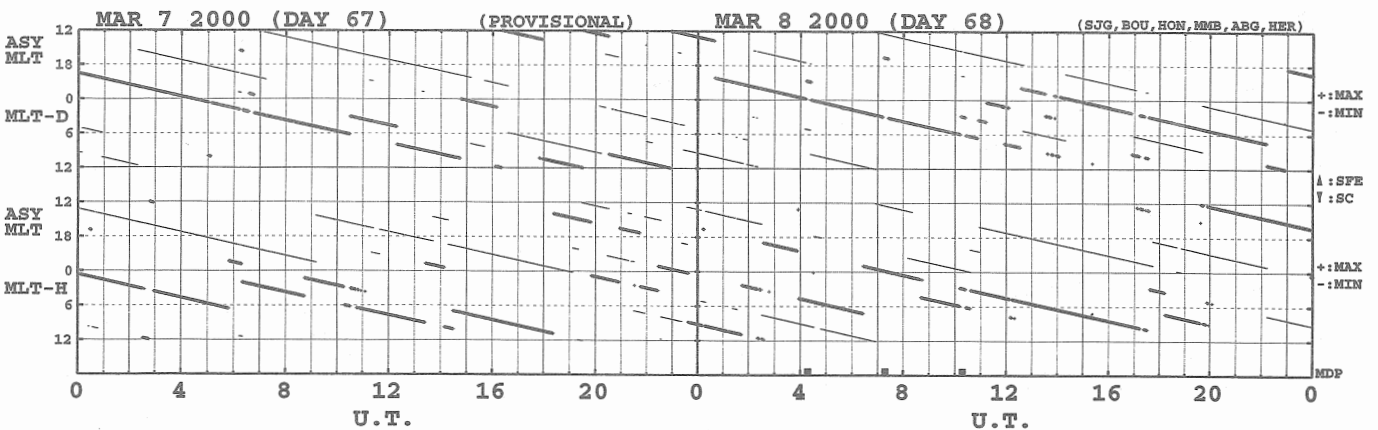
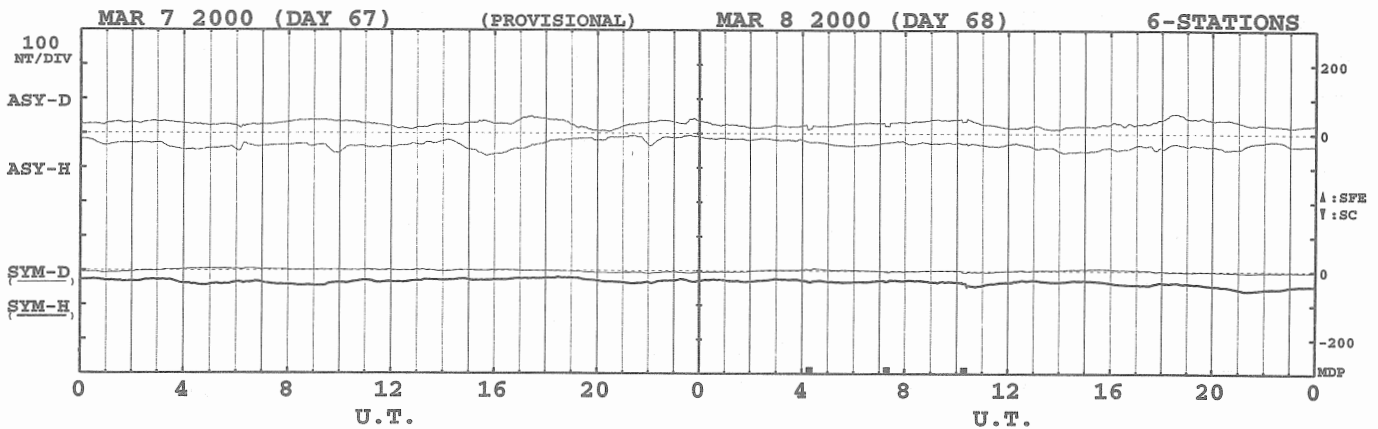
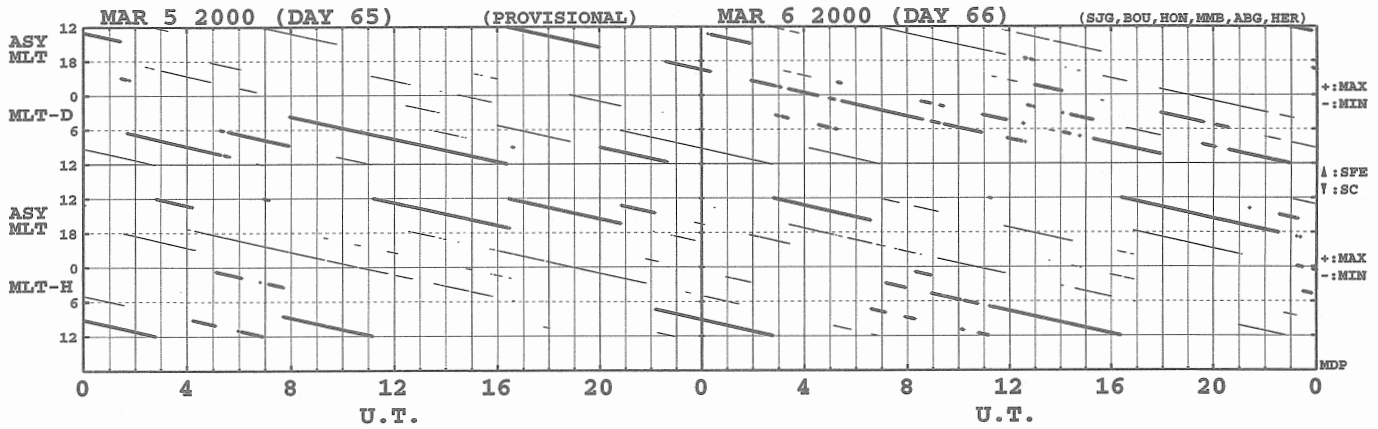
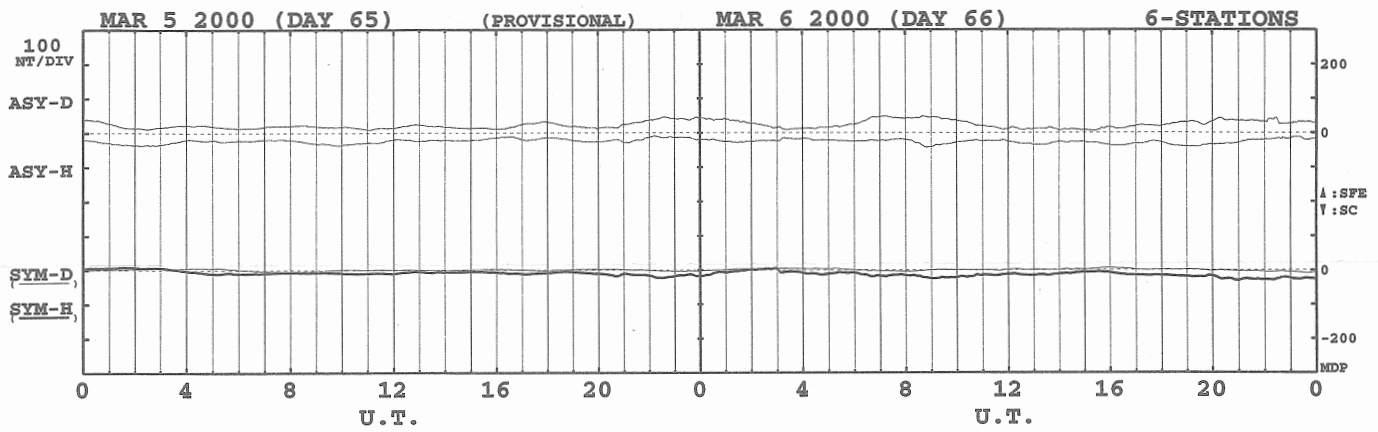


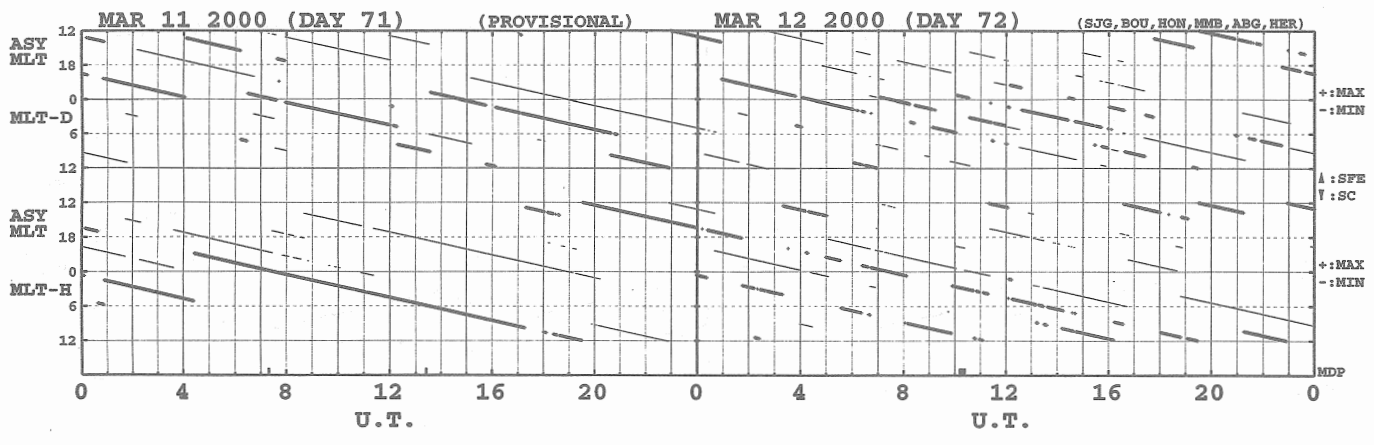
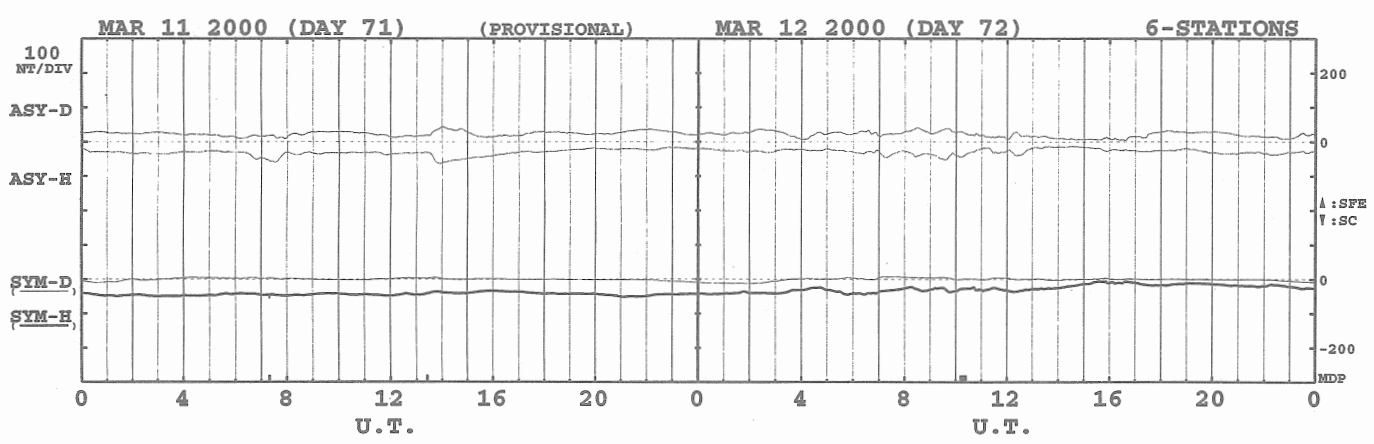
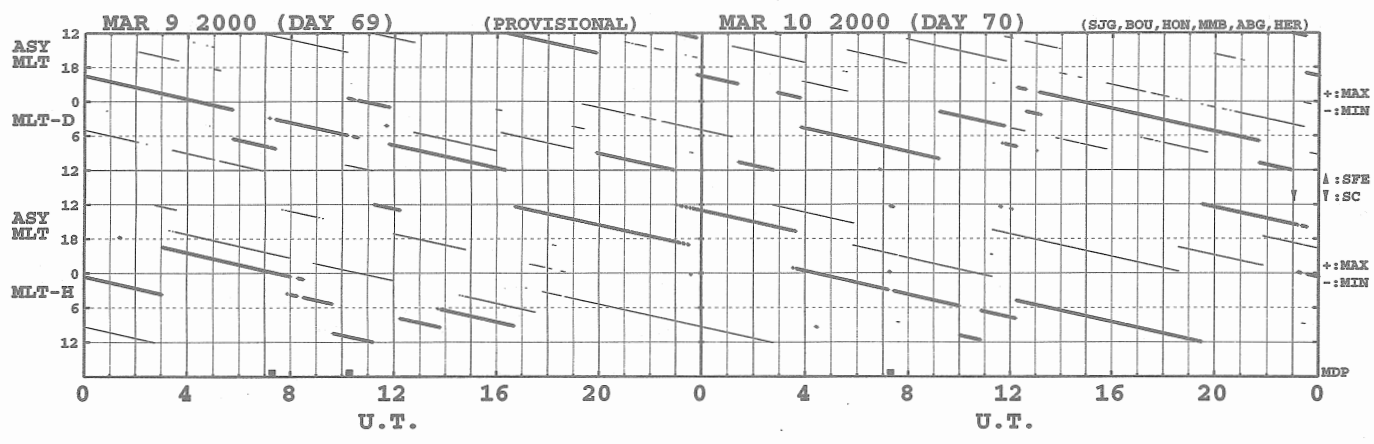
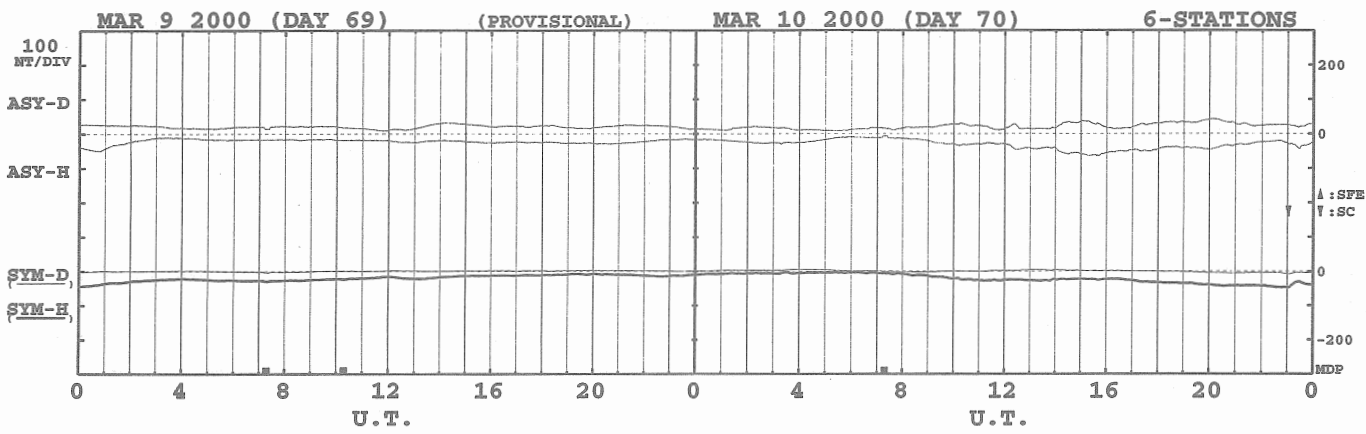


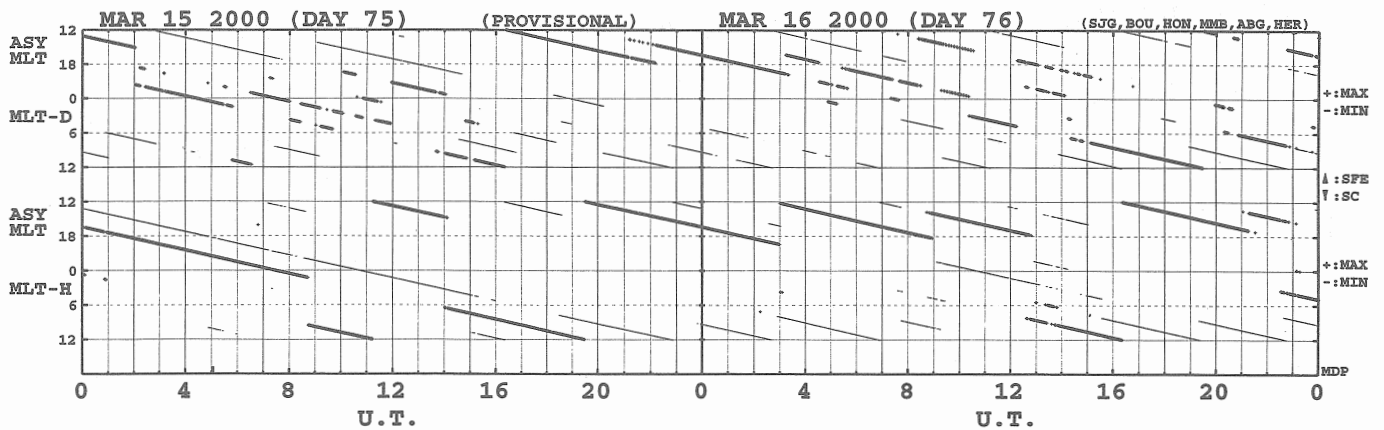
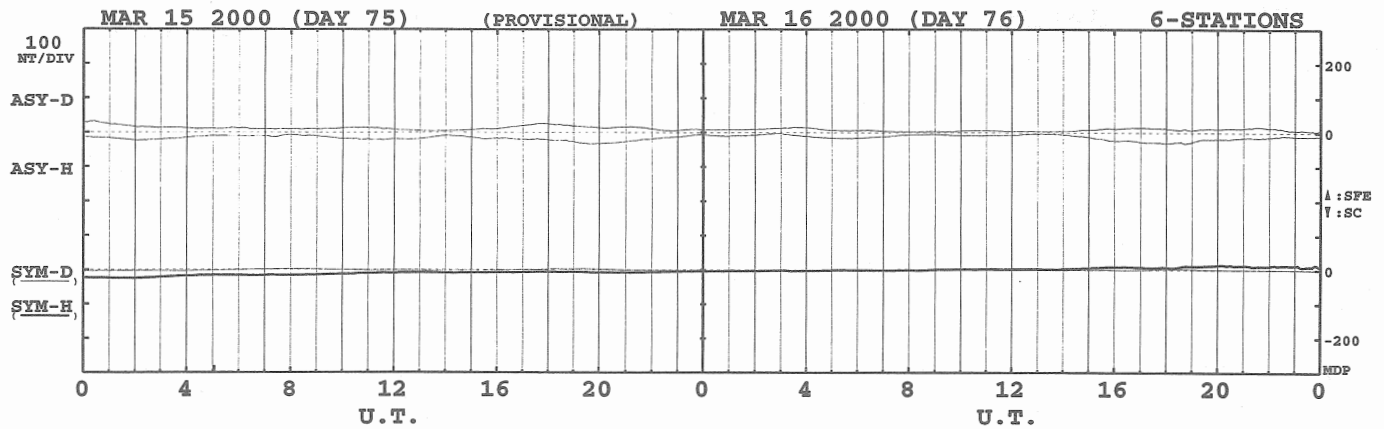
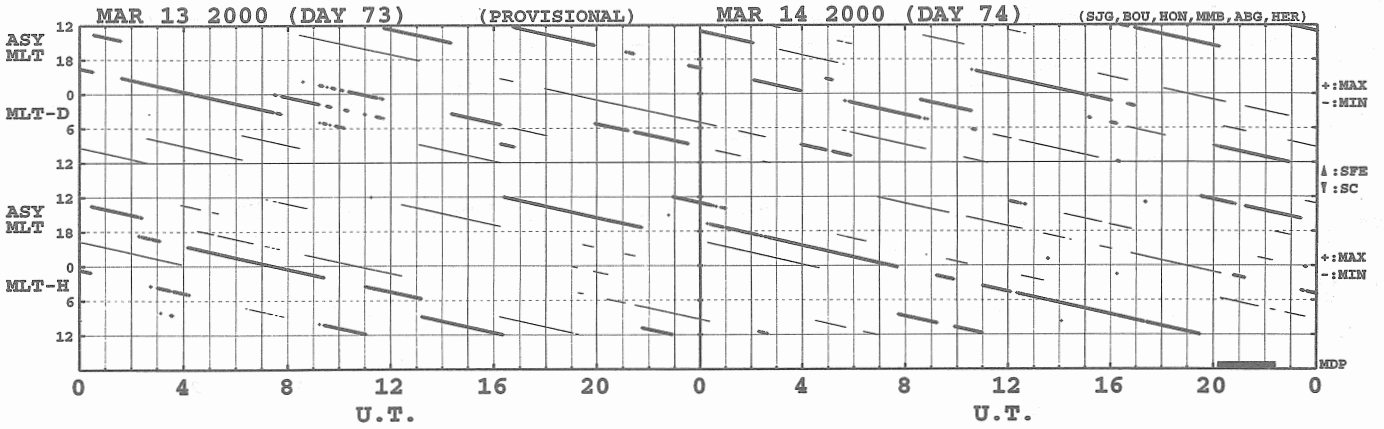
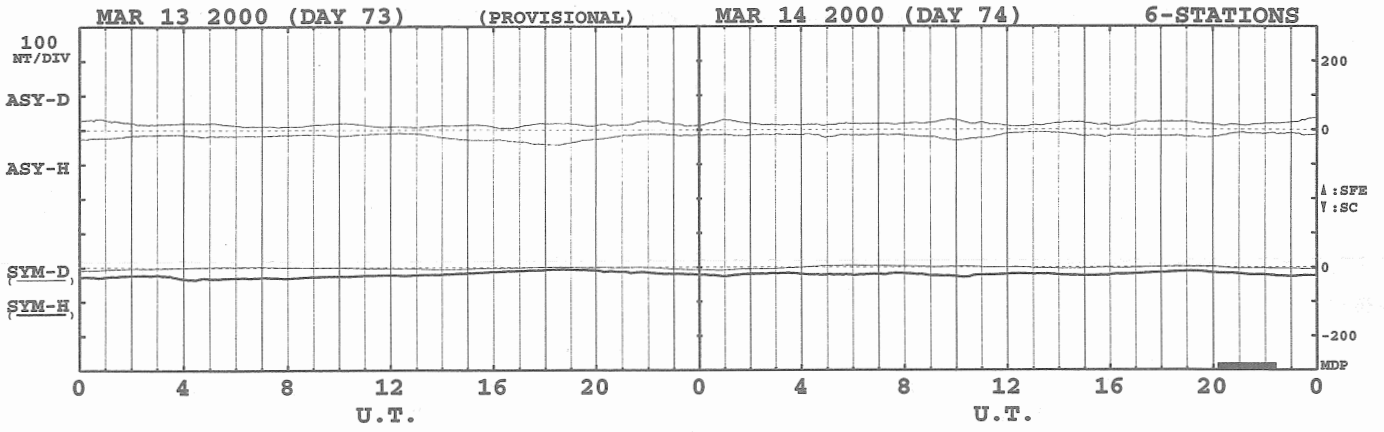


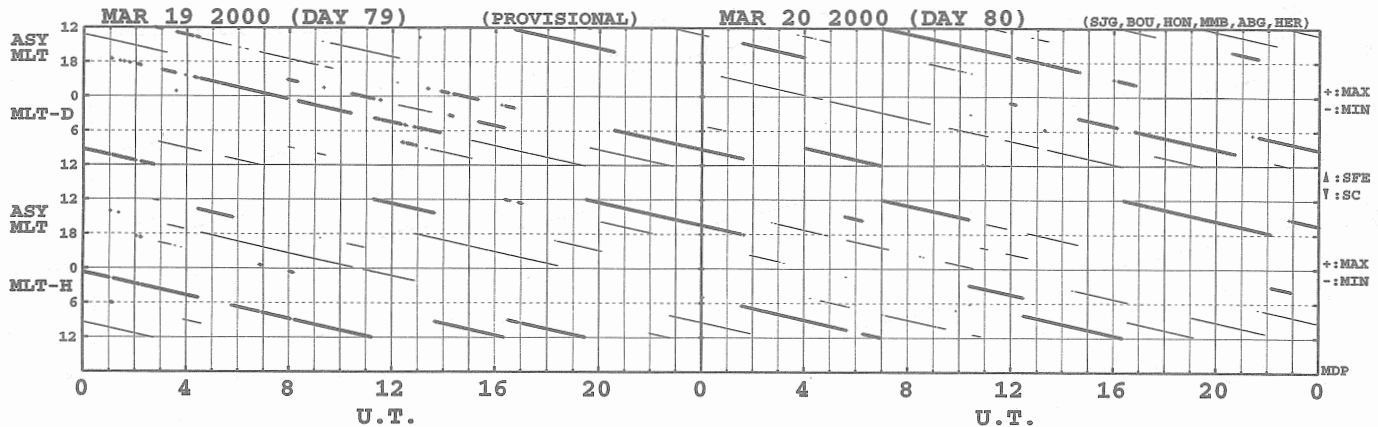
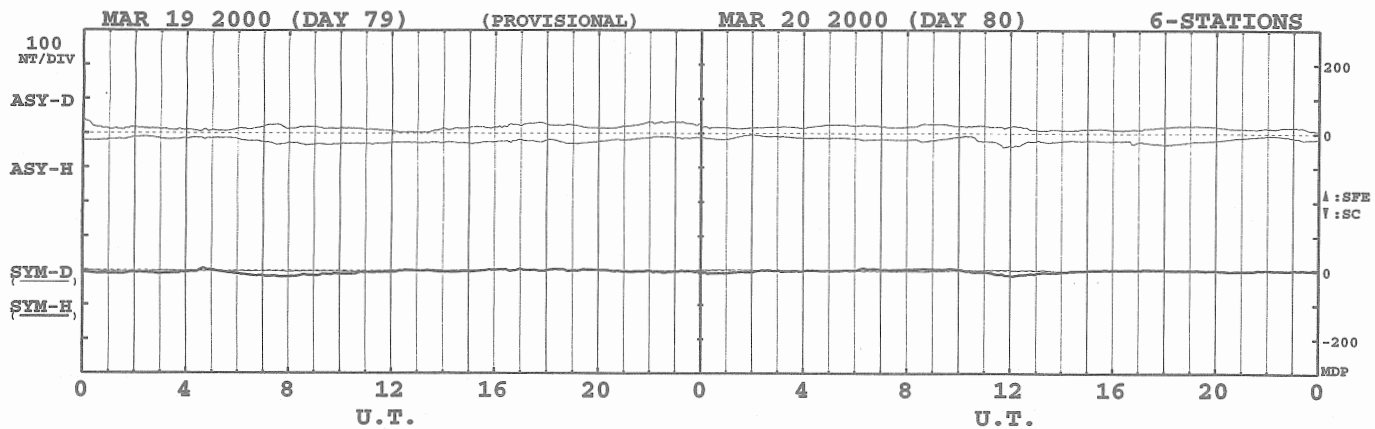
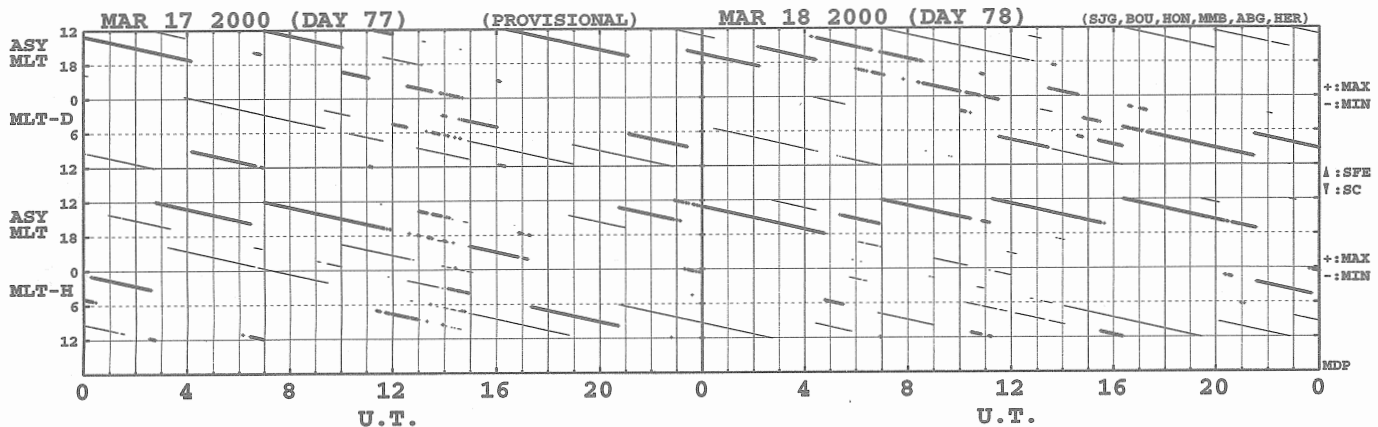
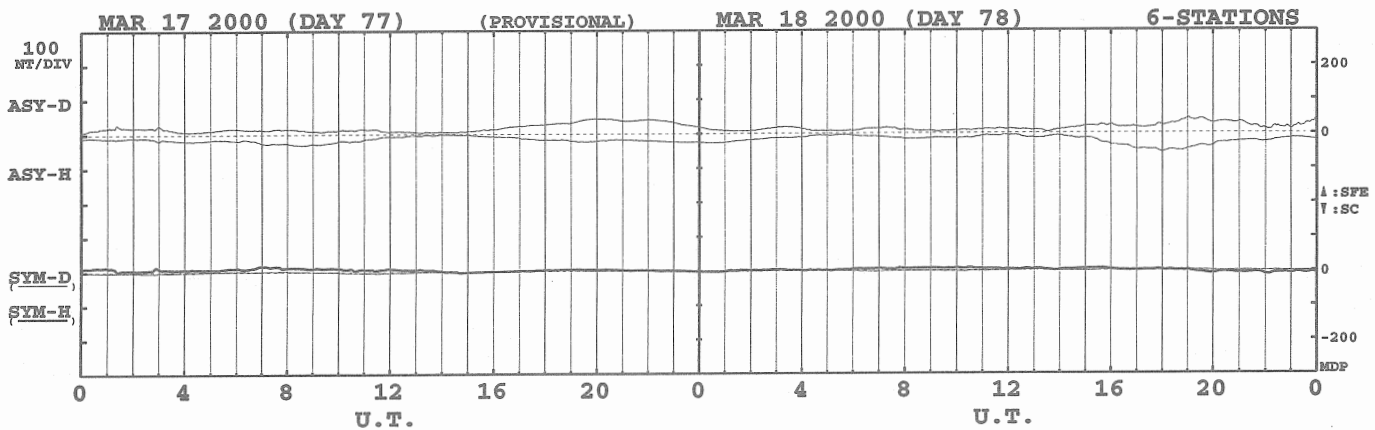
57E77

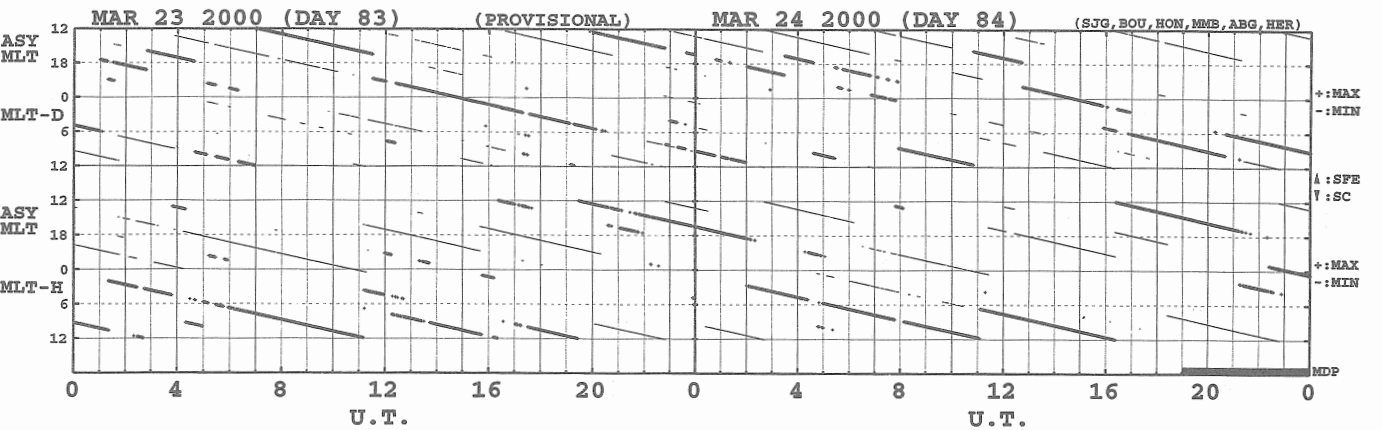
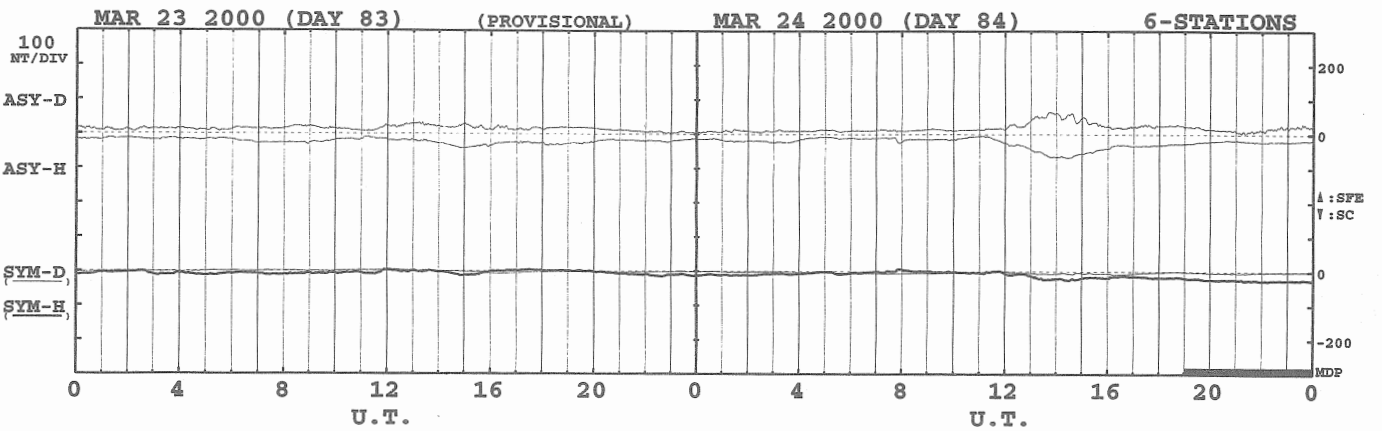
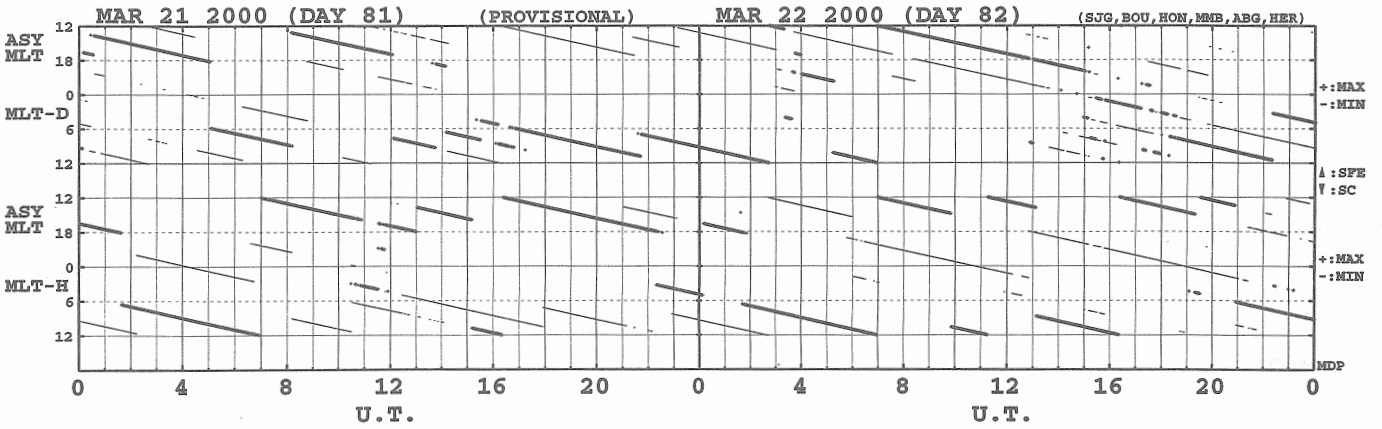
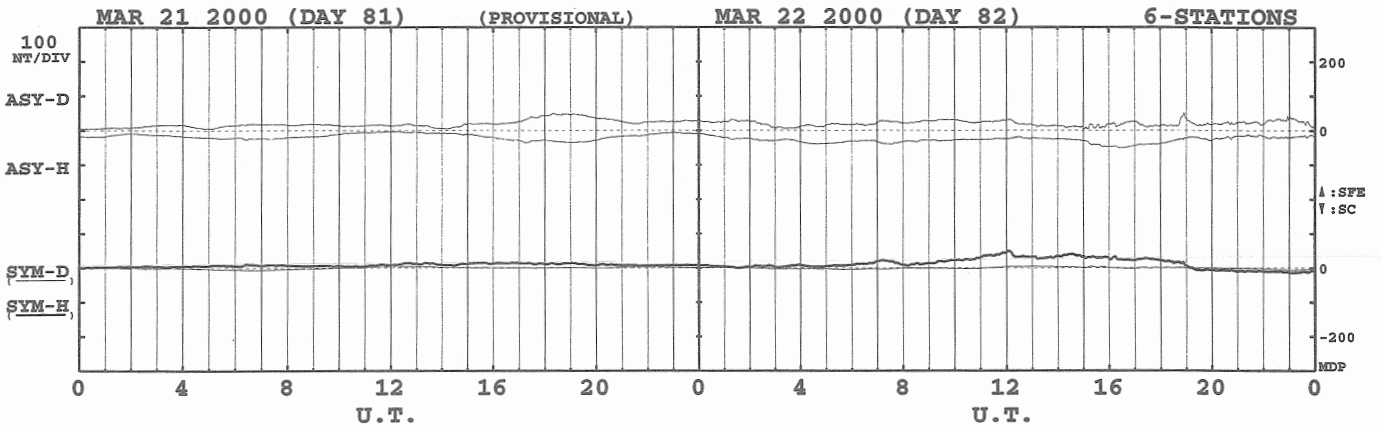


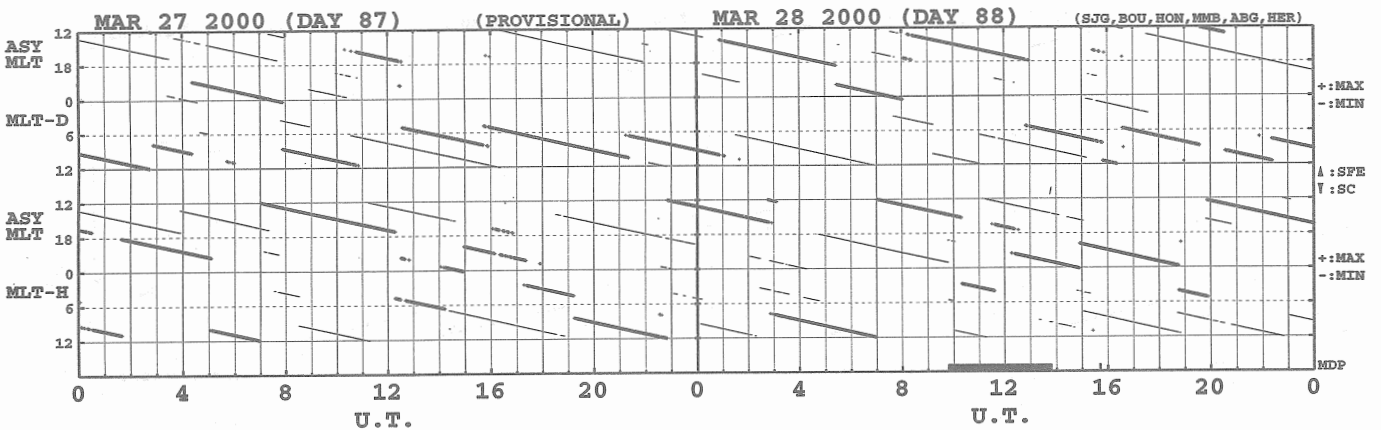
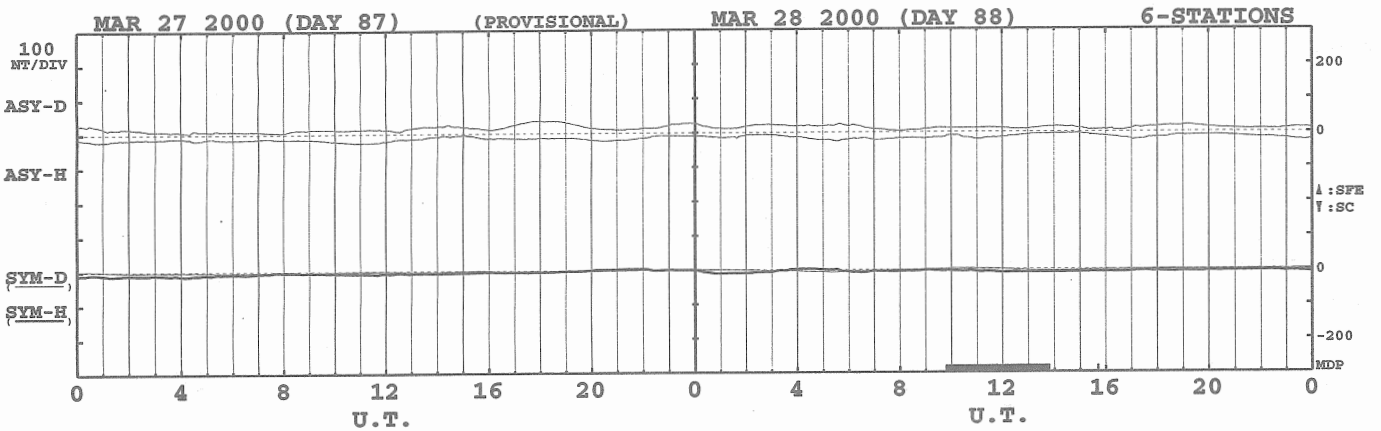
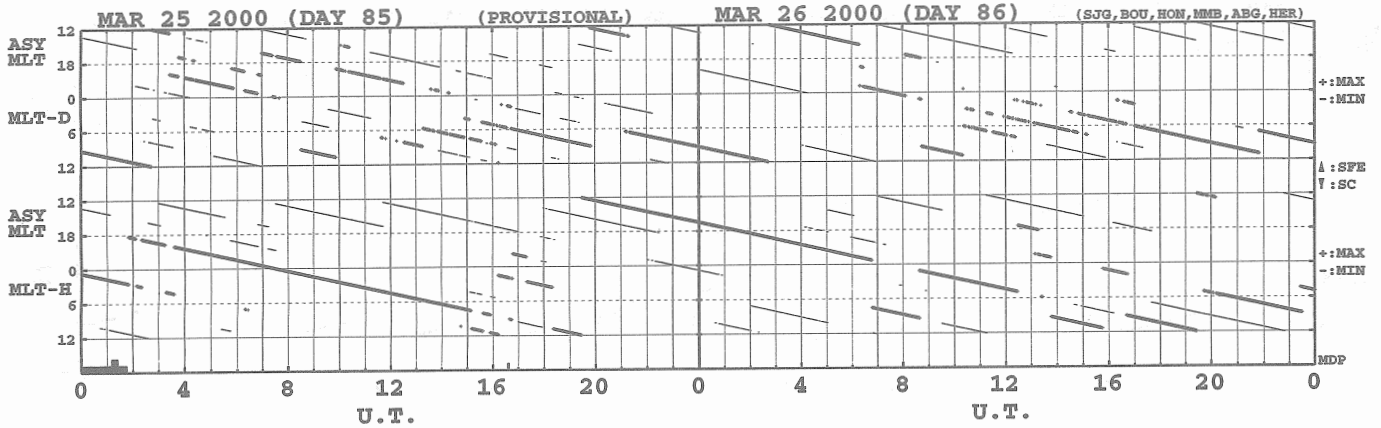
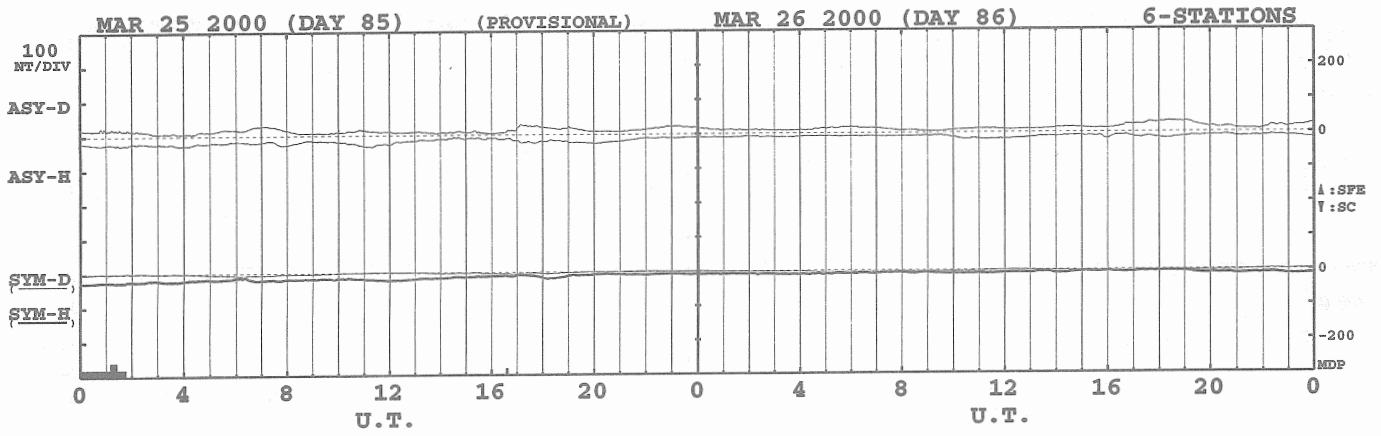


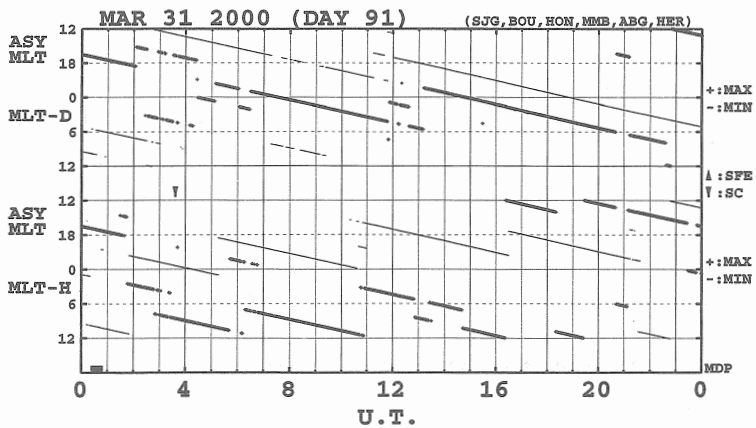
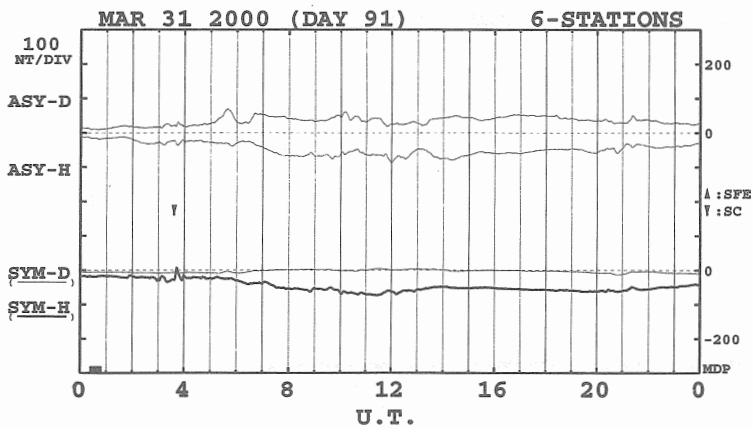
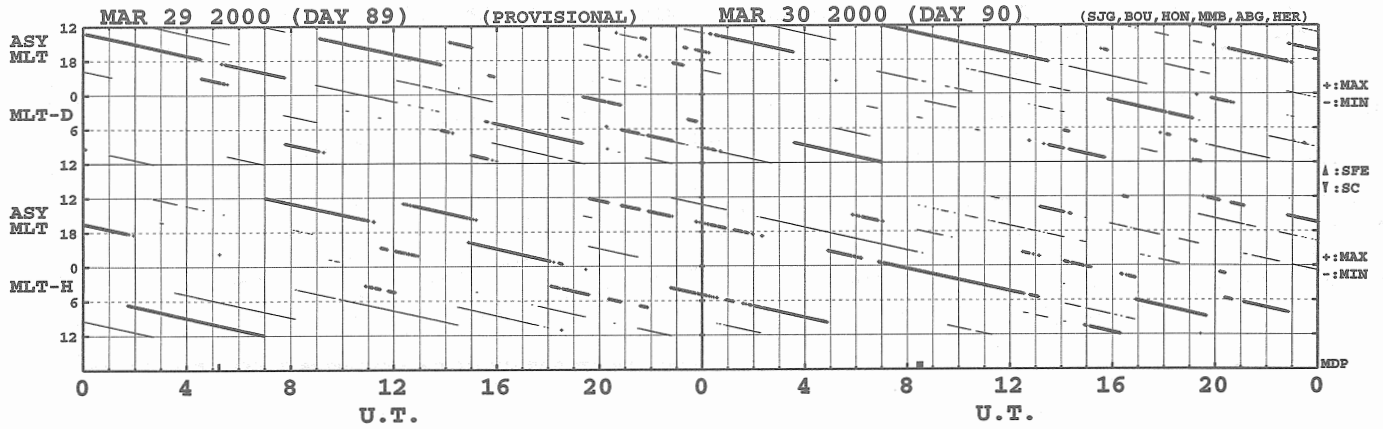
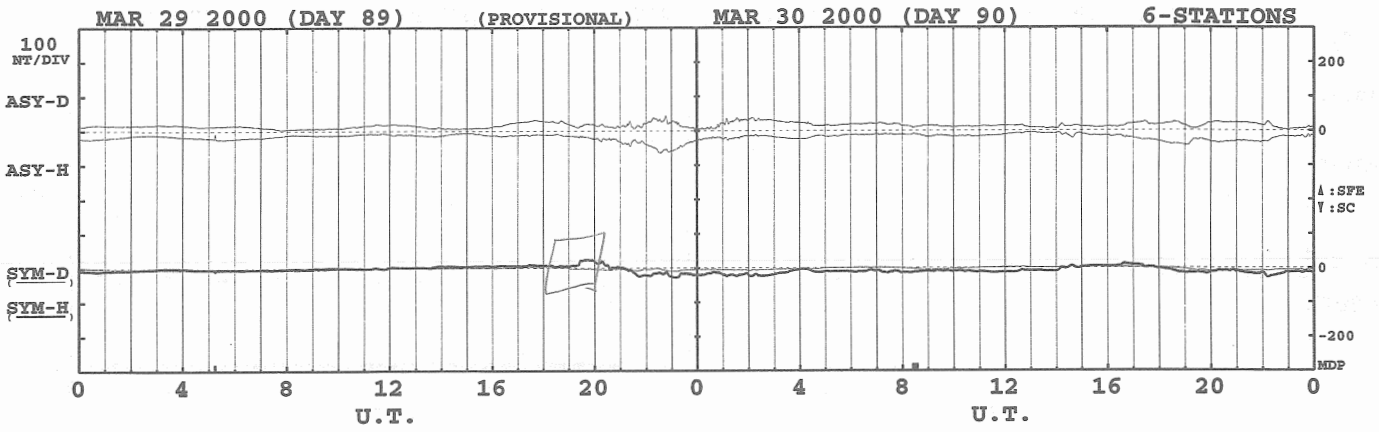


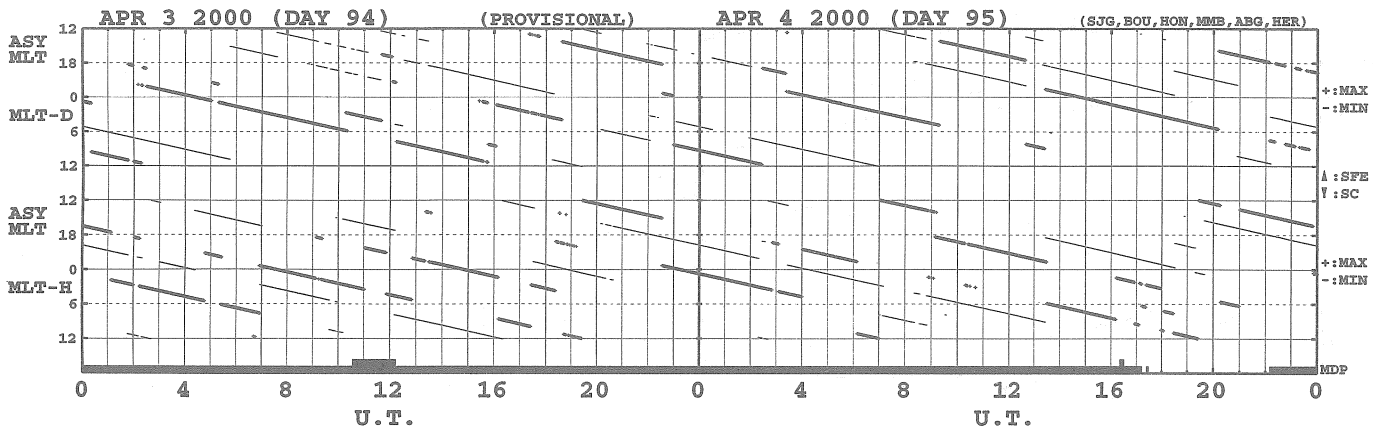
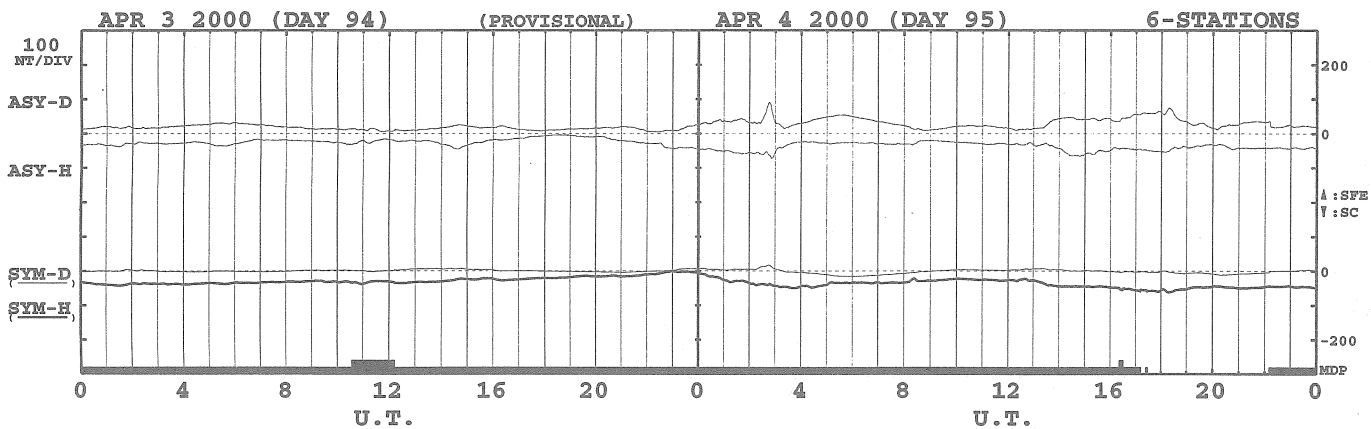
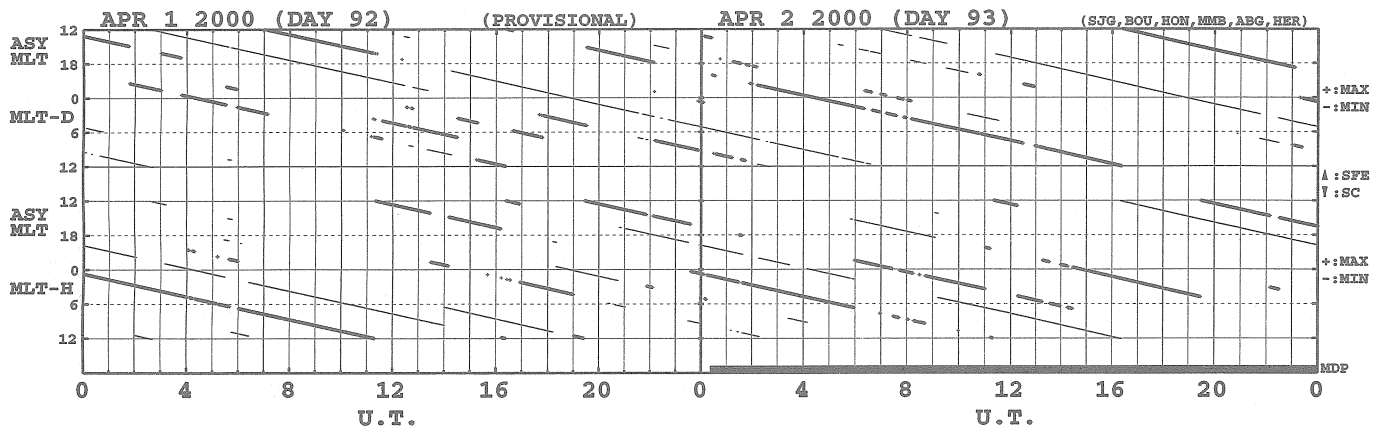
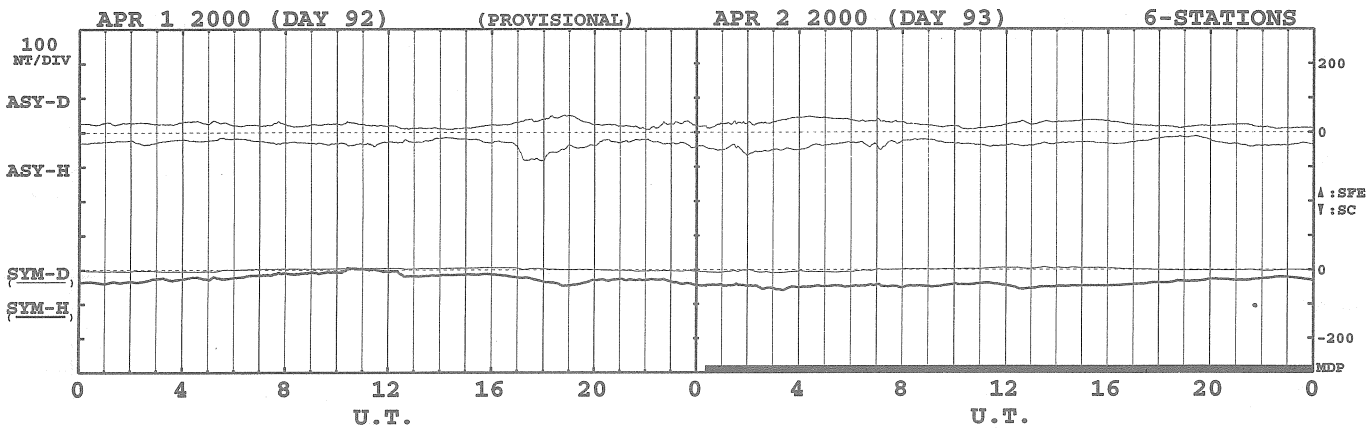


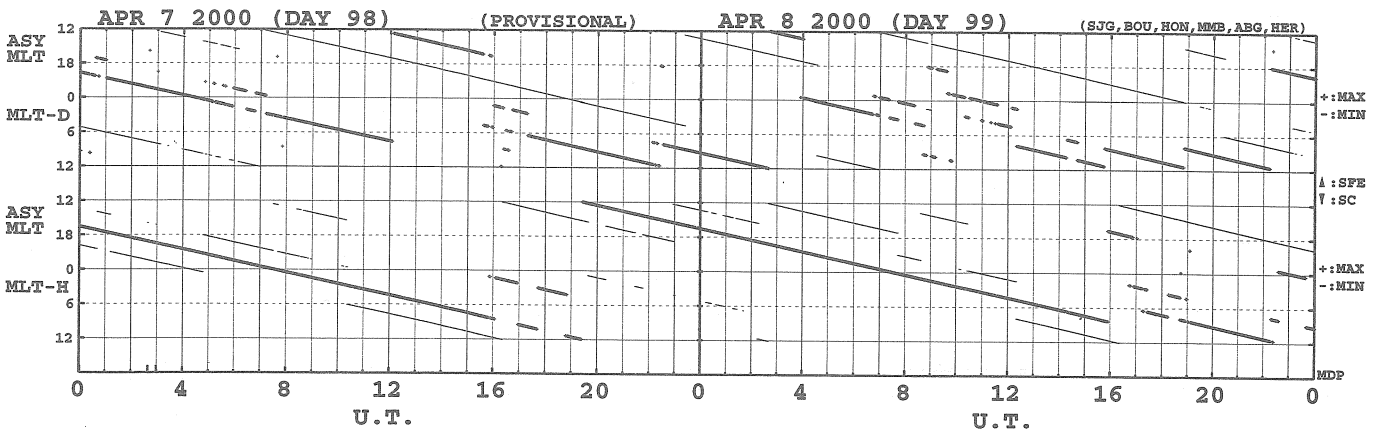
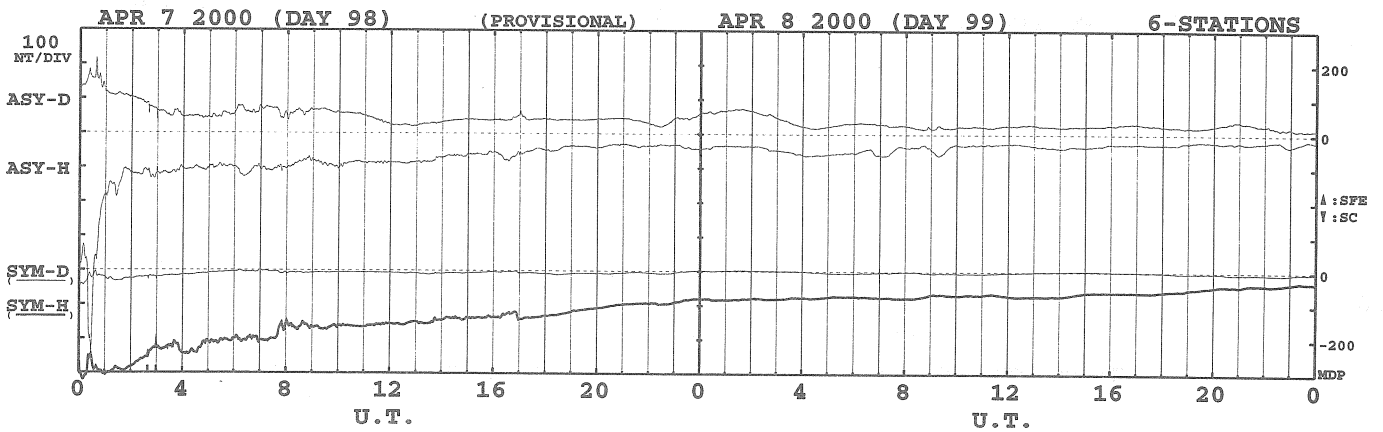
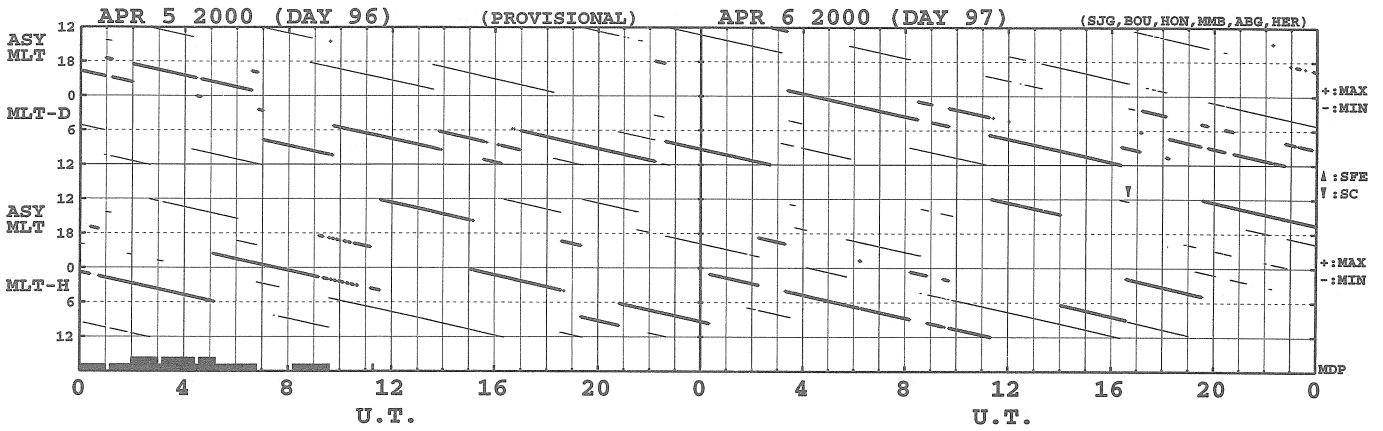
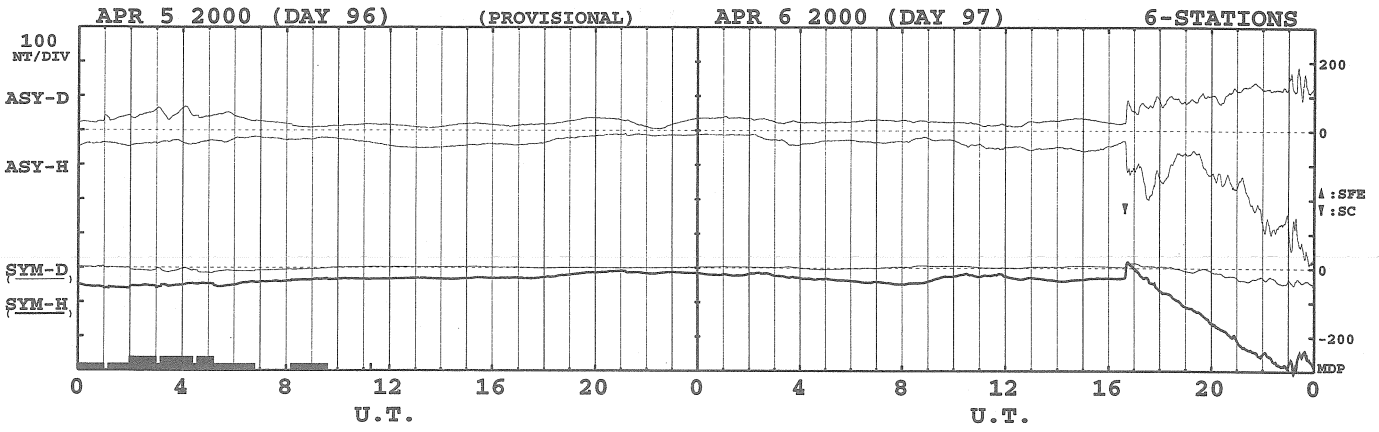


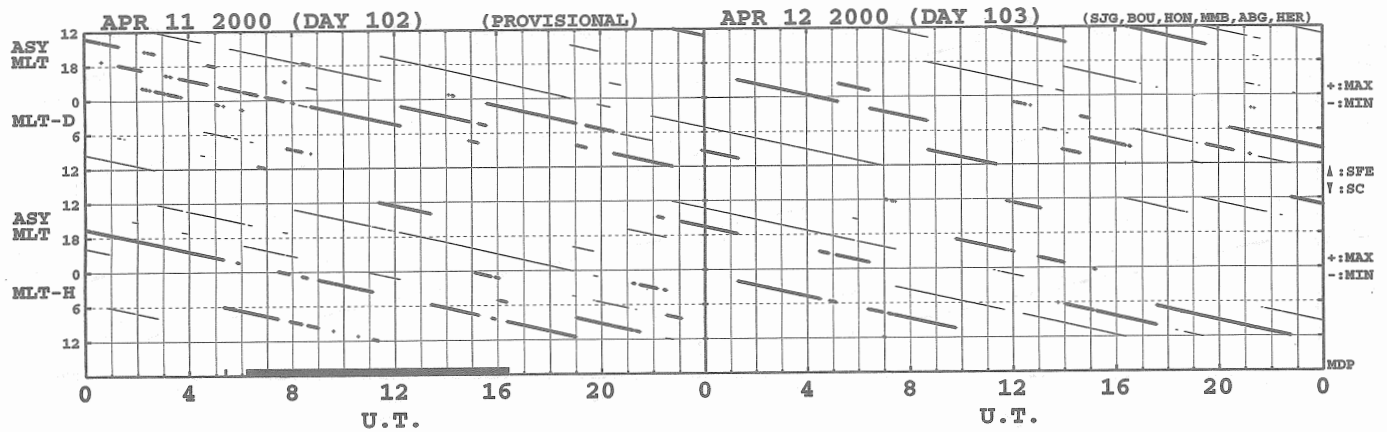
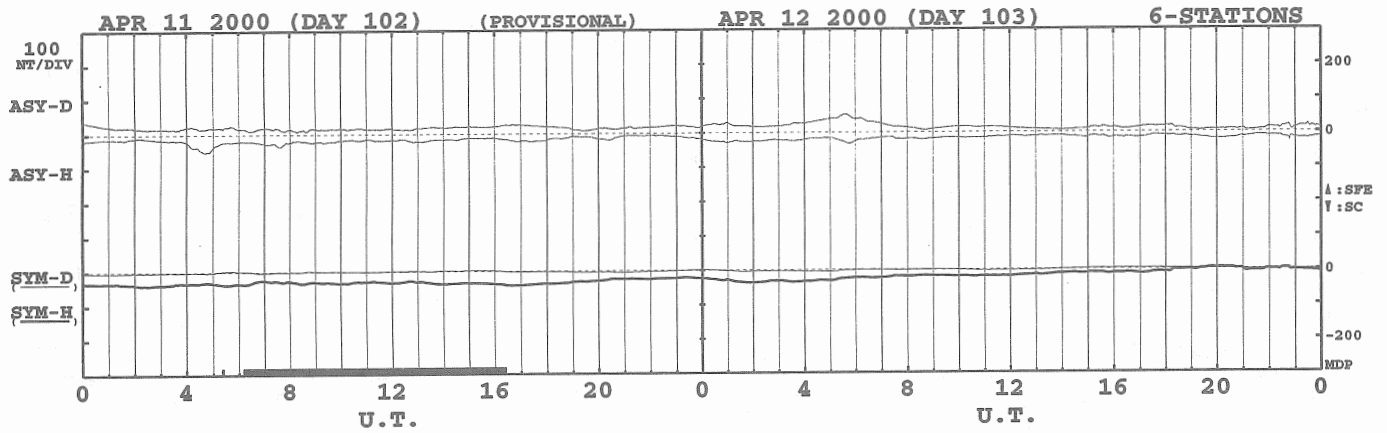
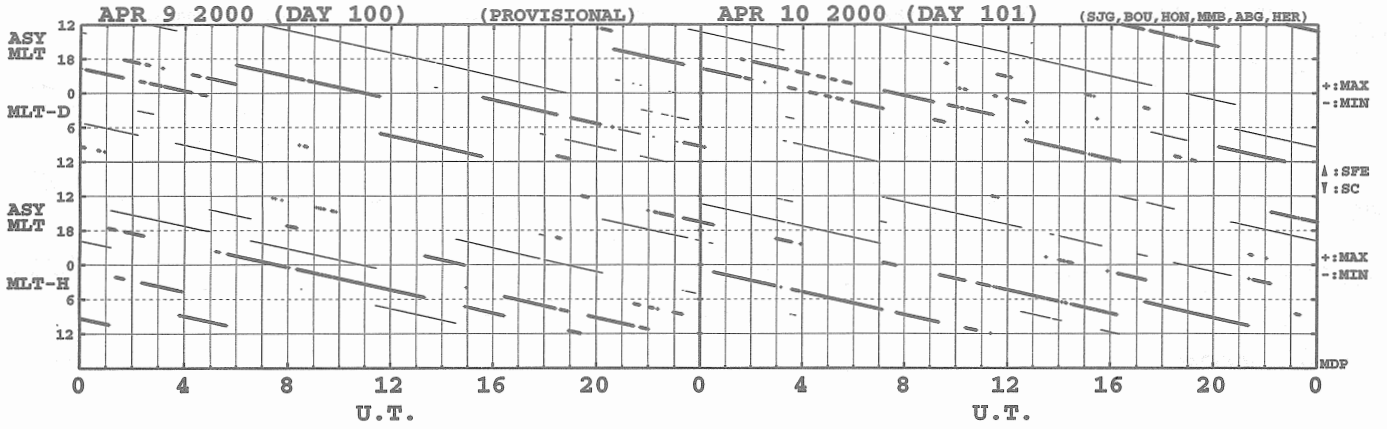
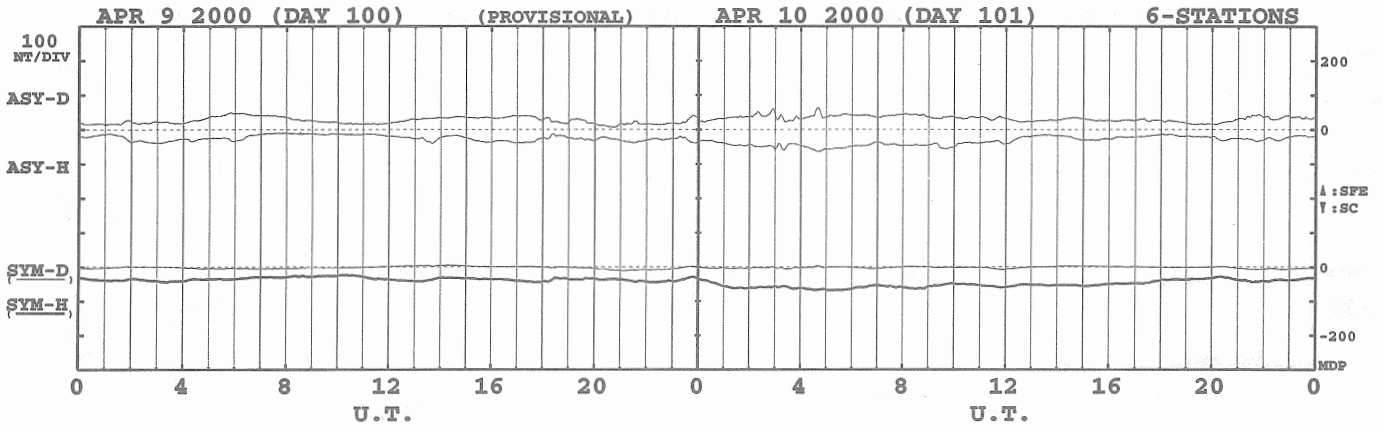


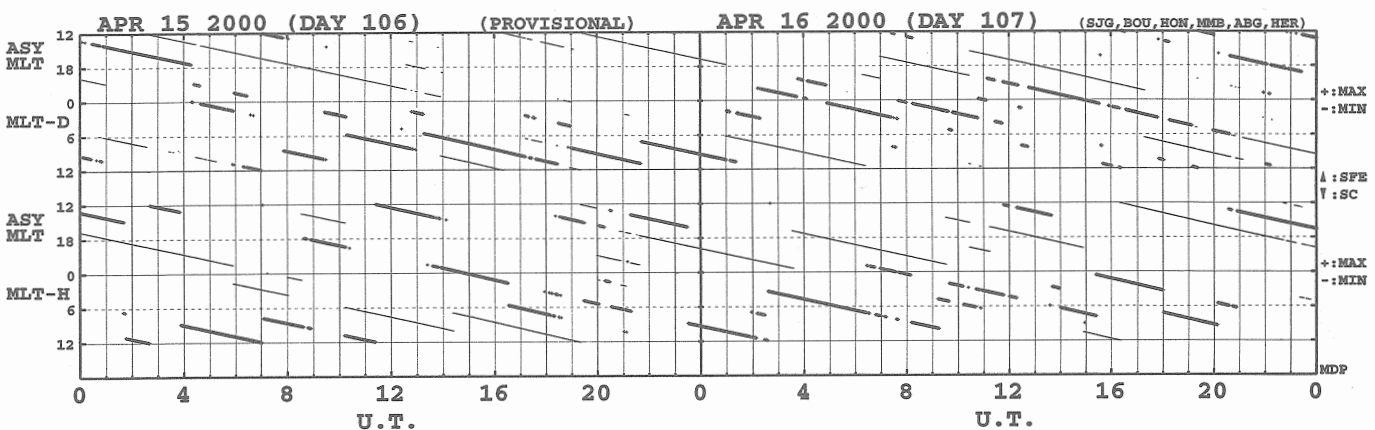
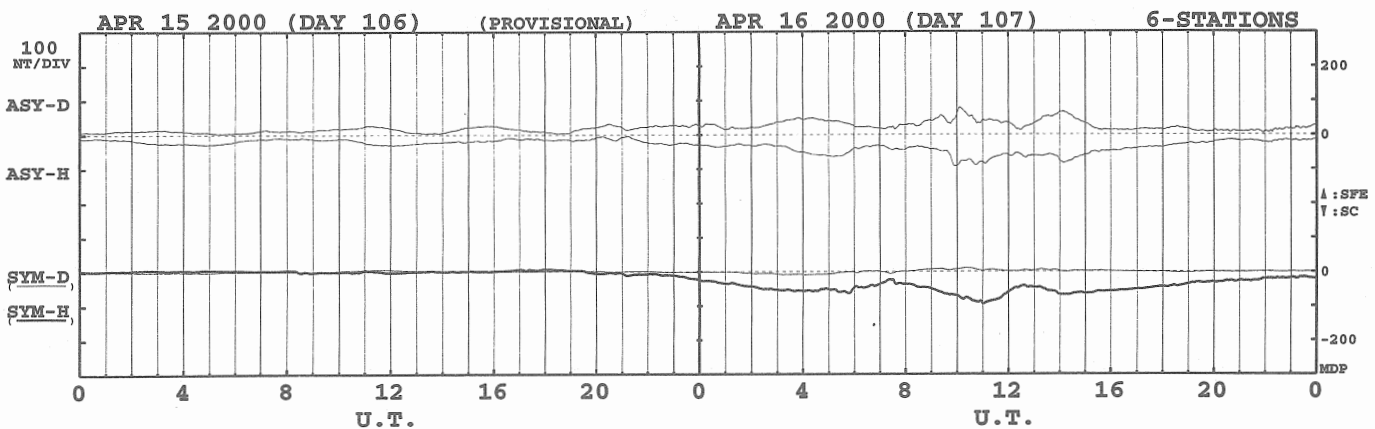
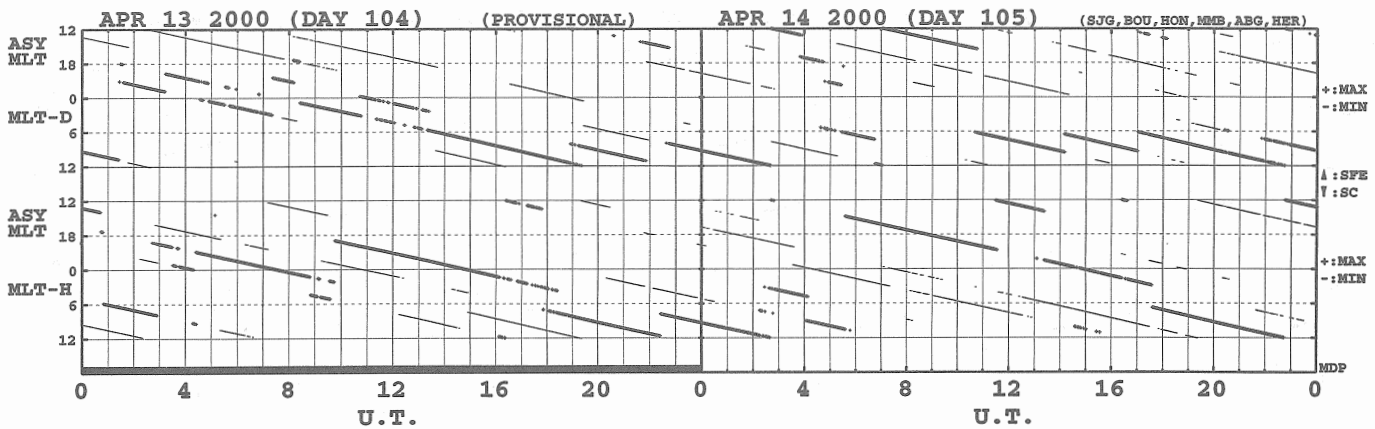
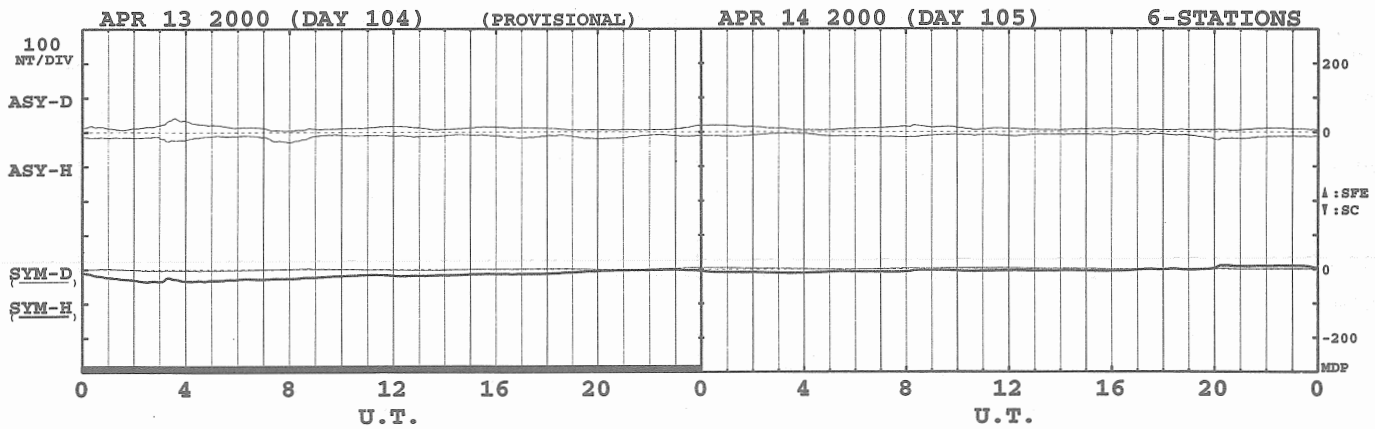


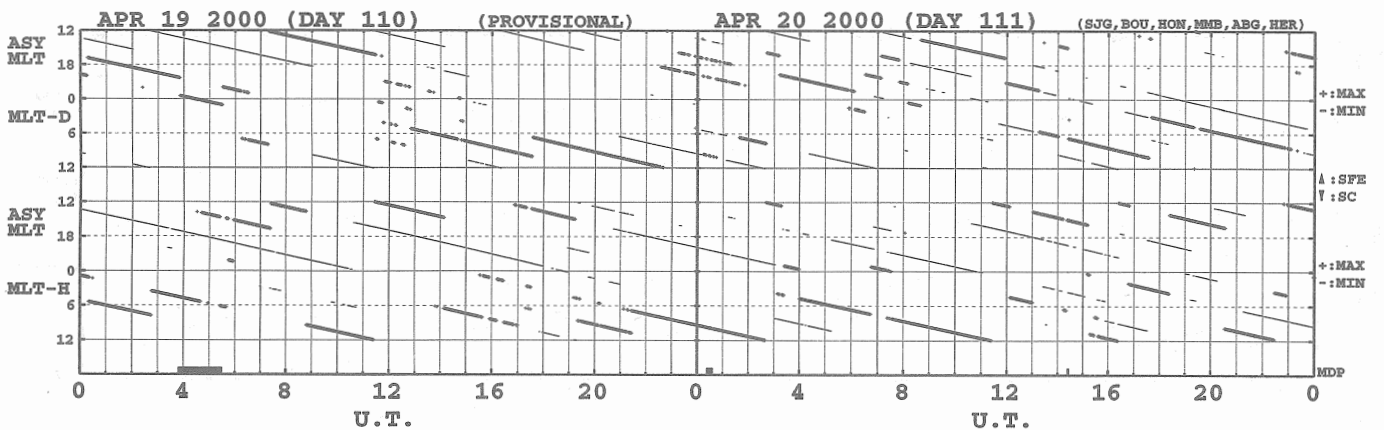
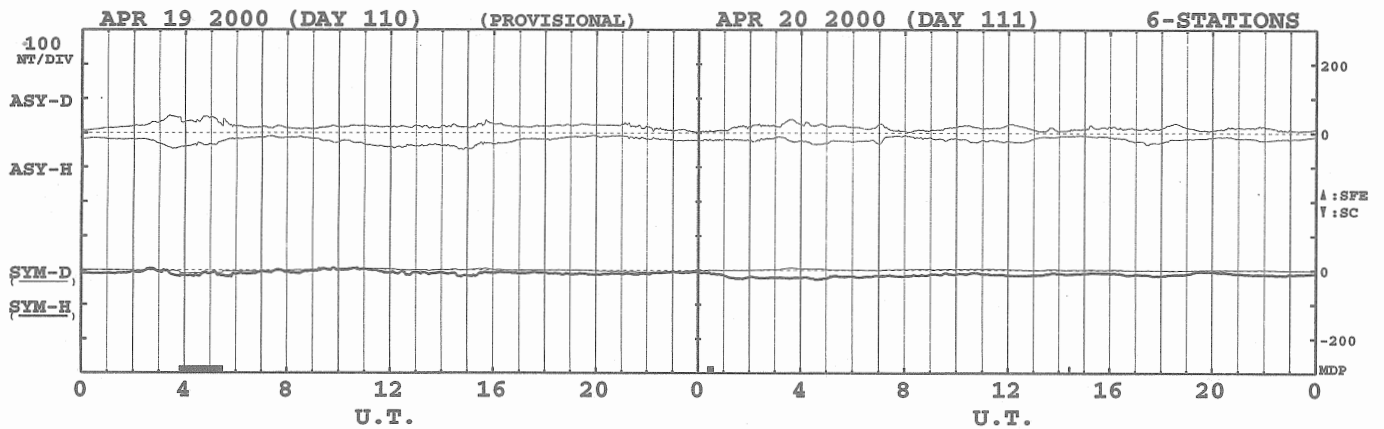
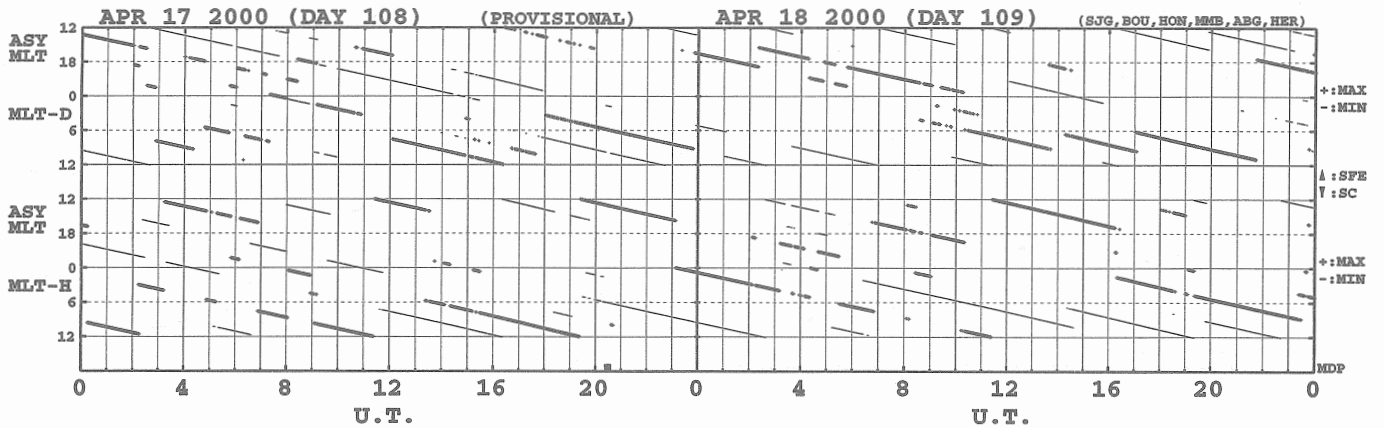
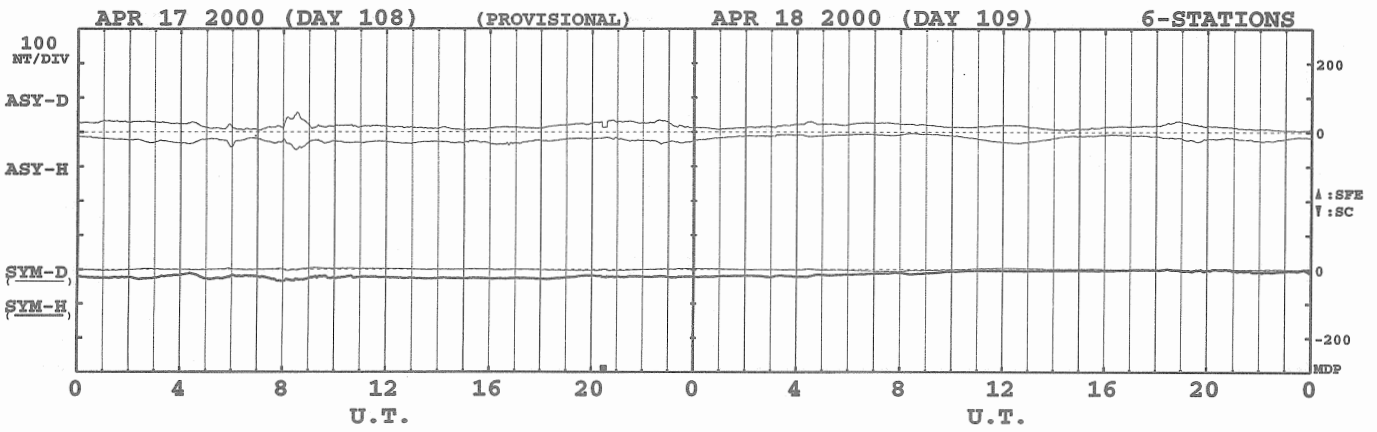


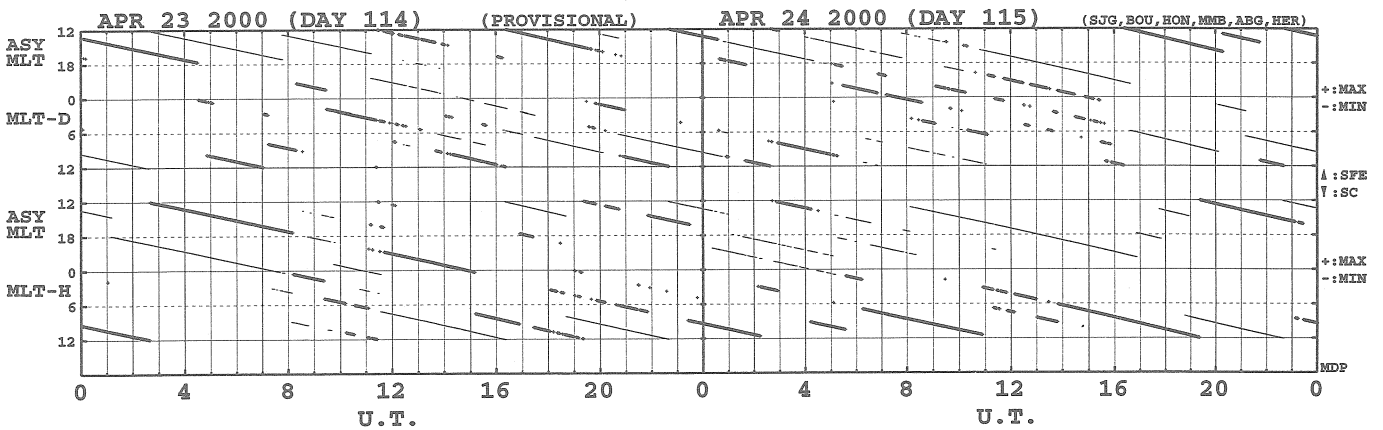
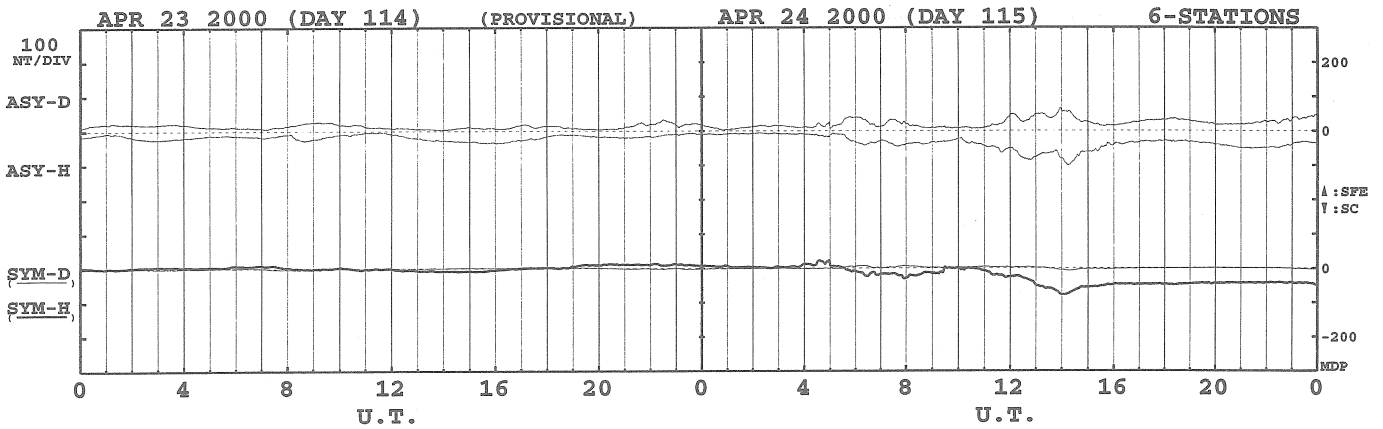
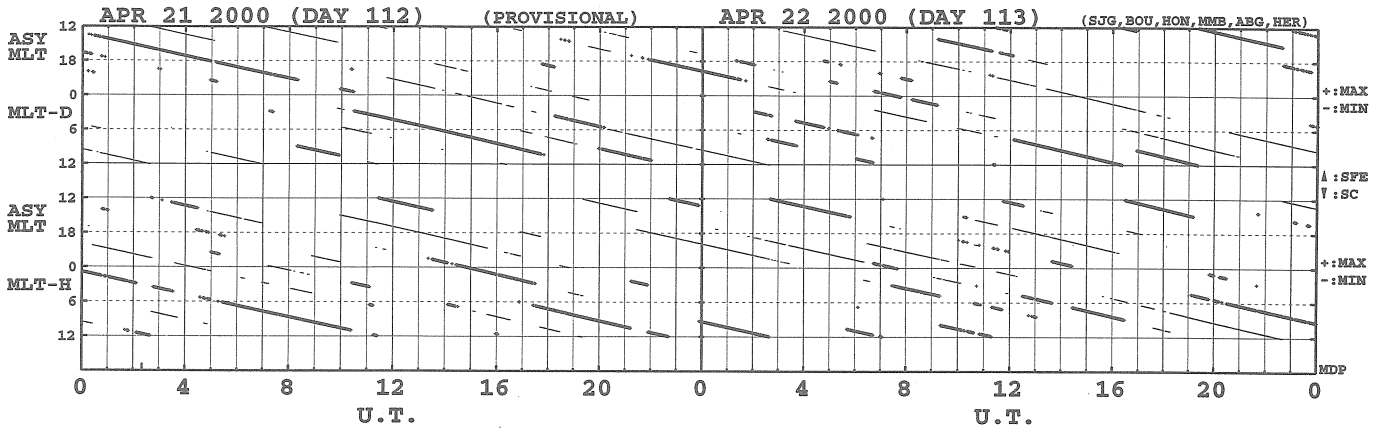
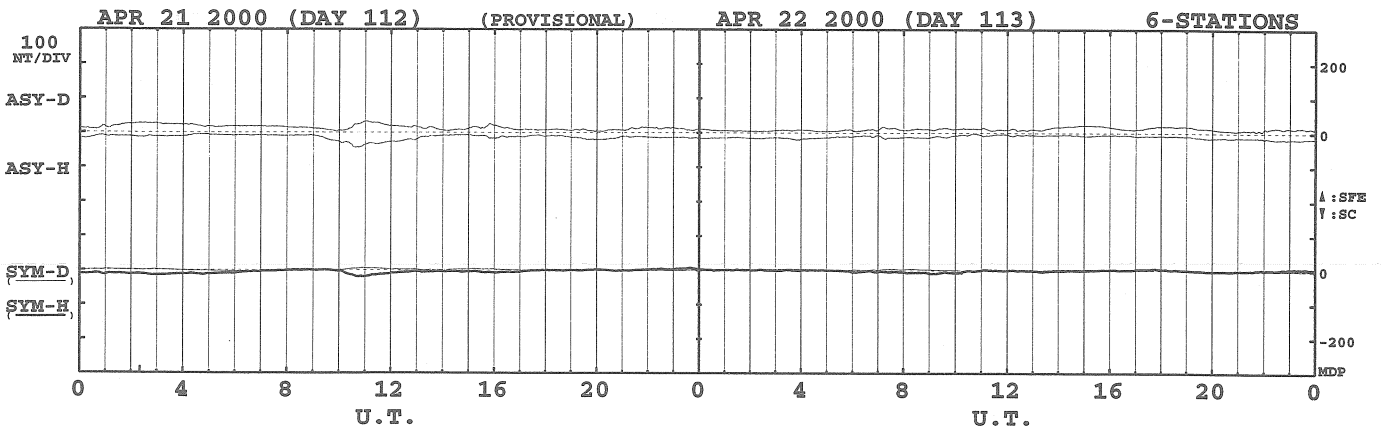


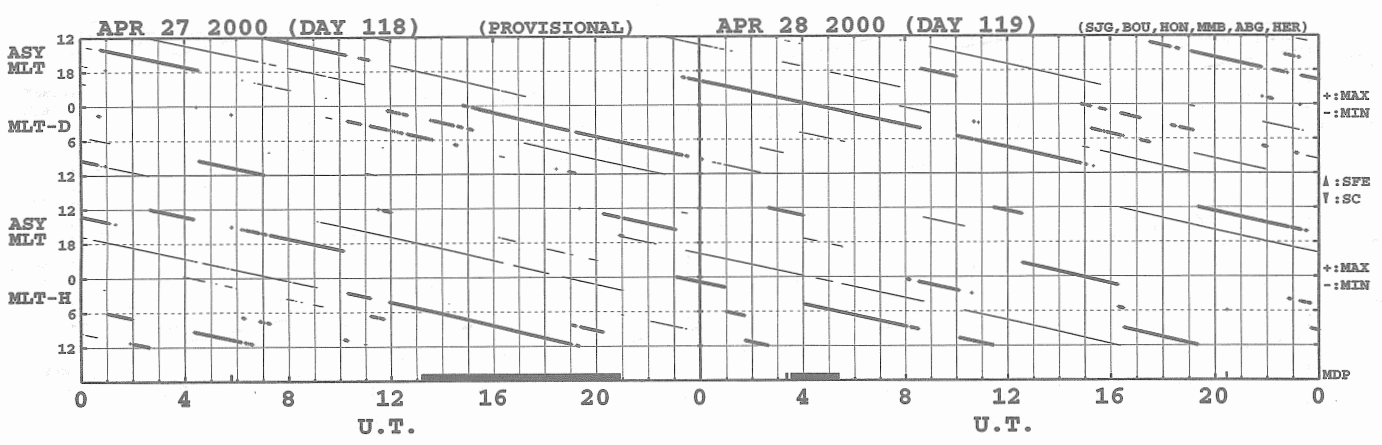
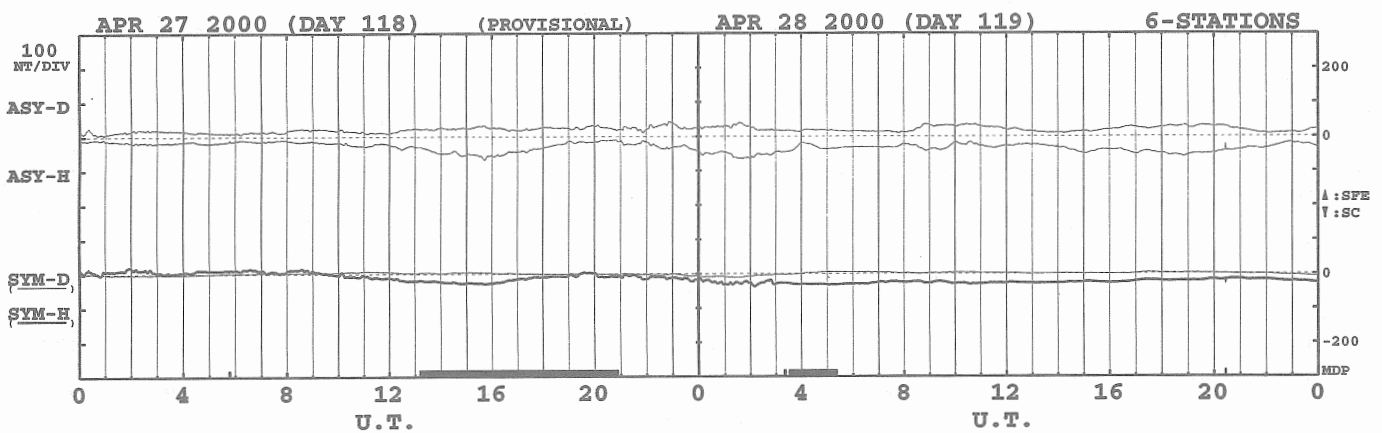
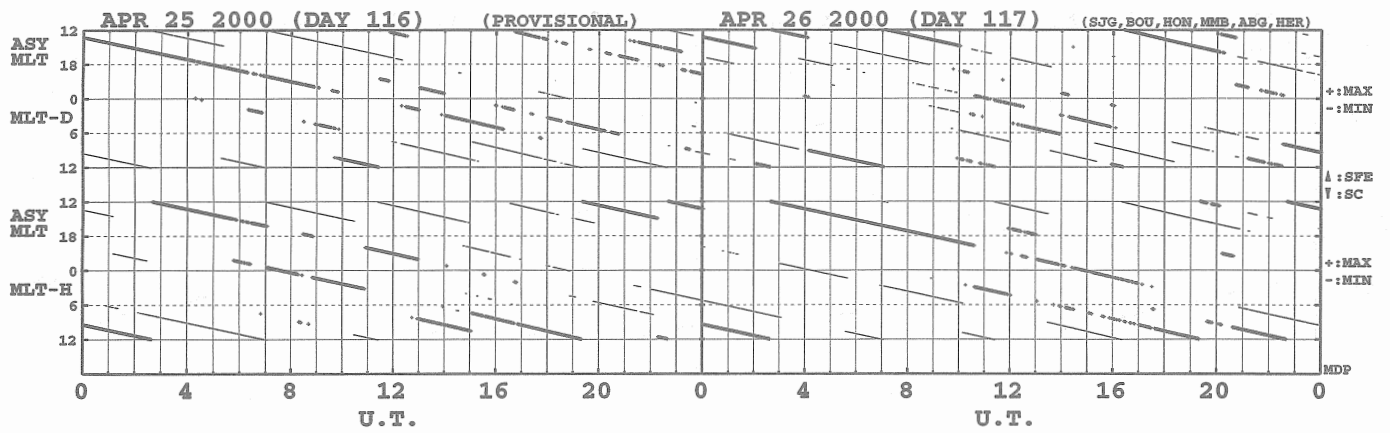
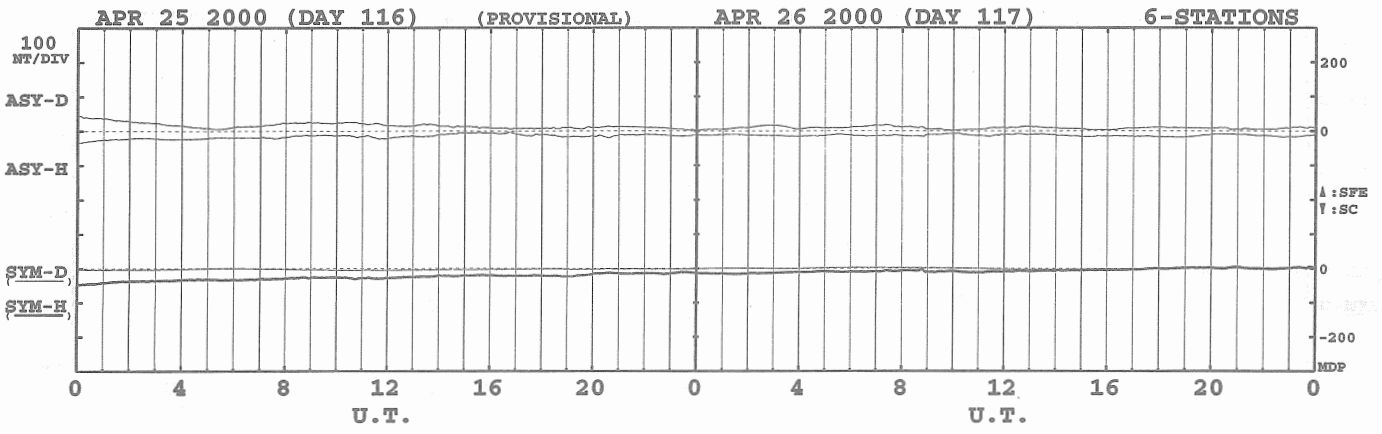


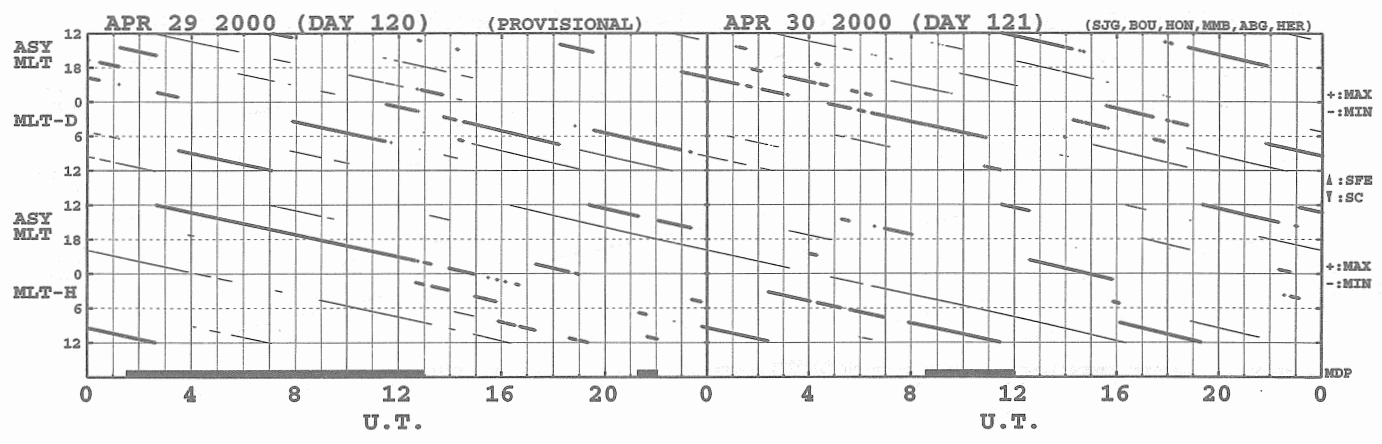
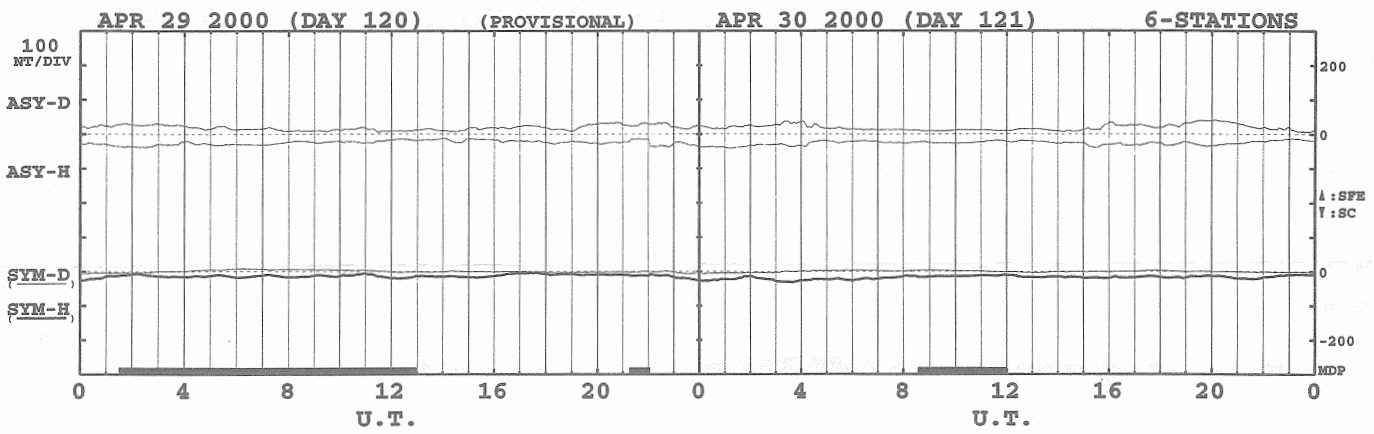


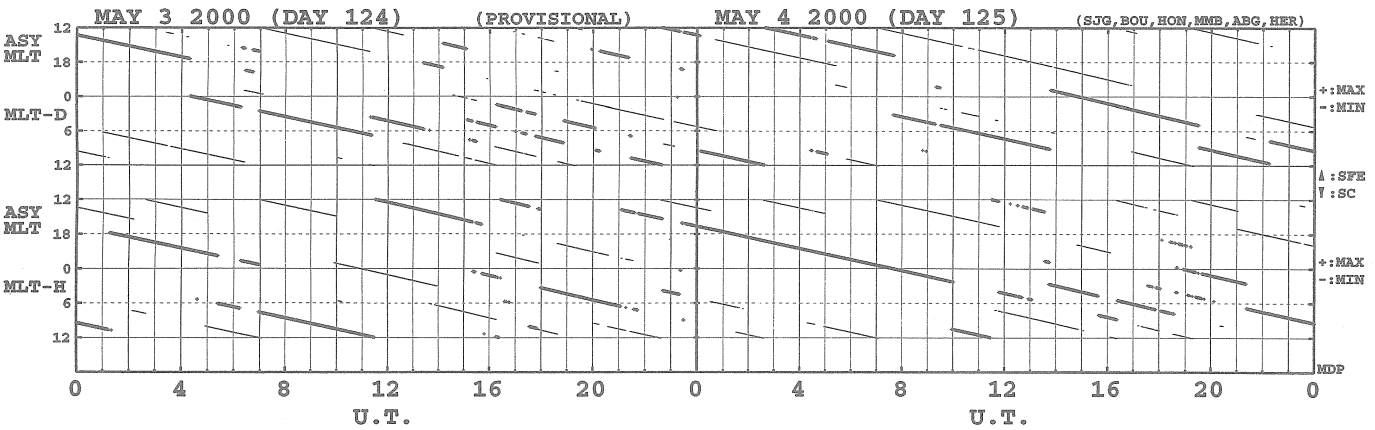
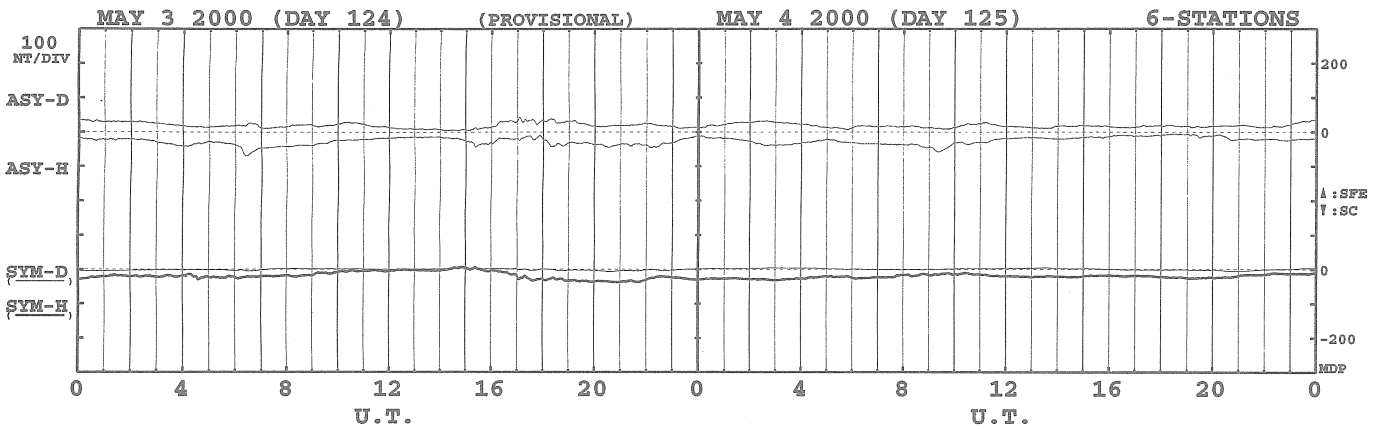
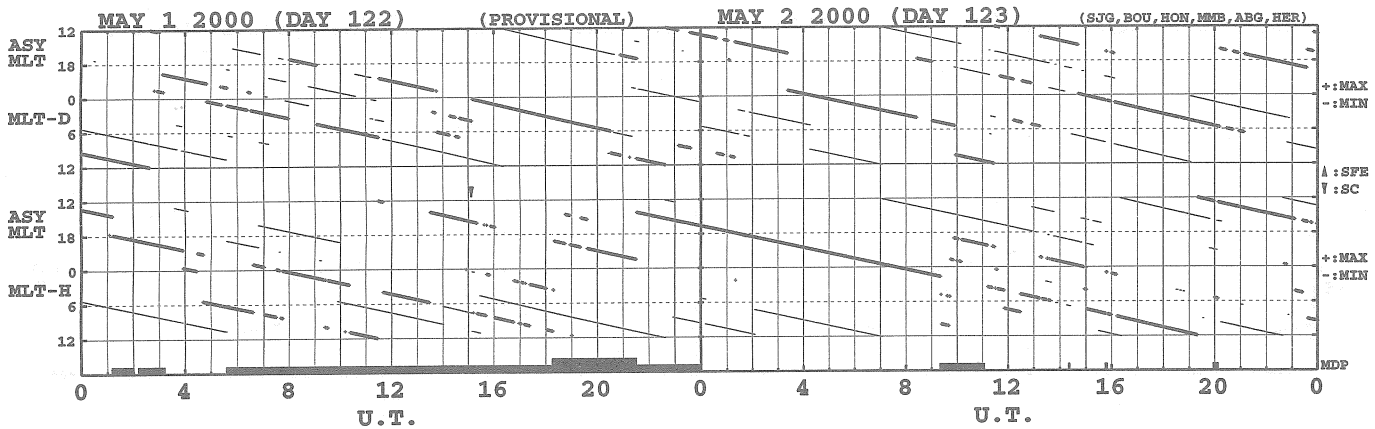
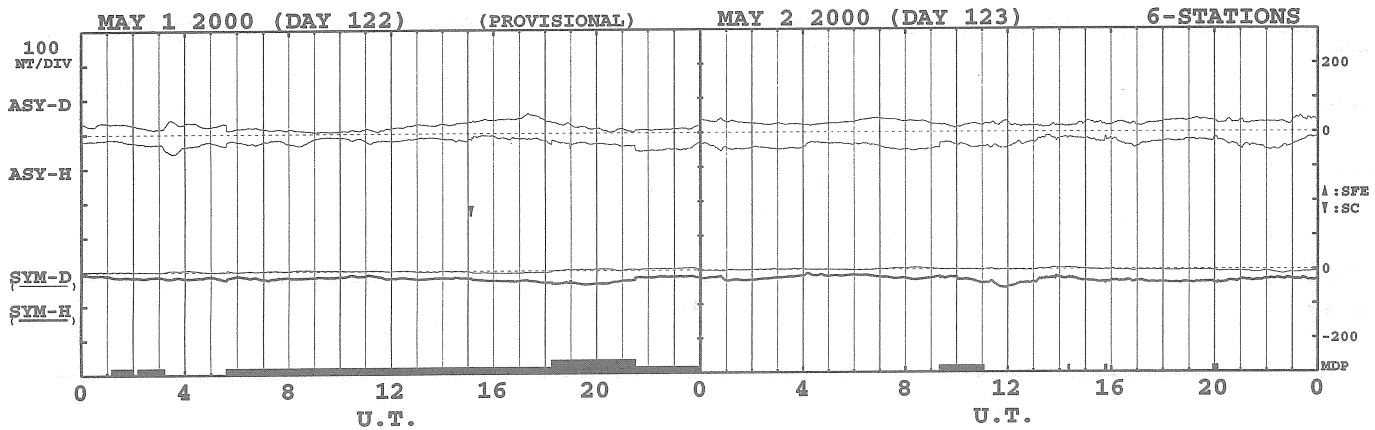


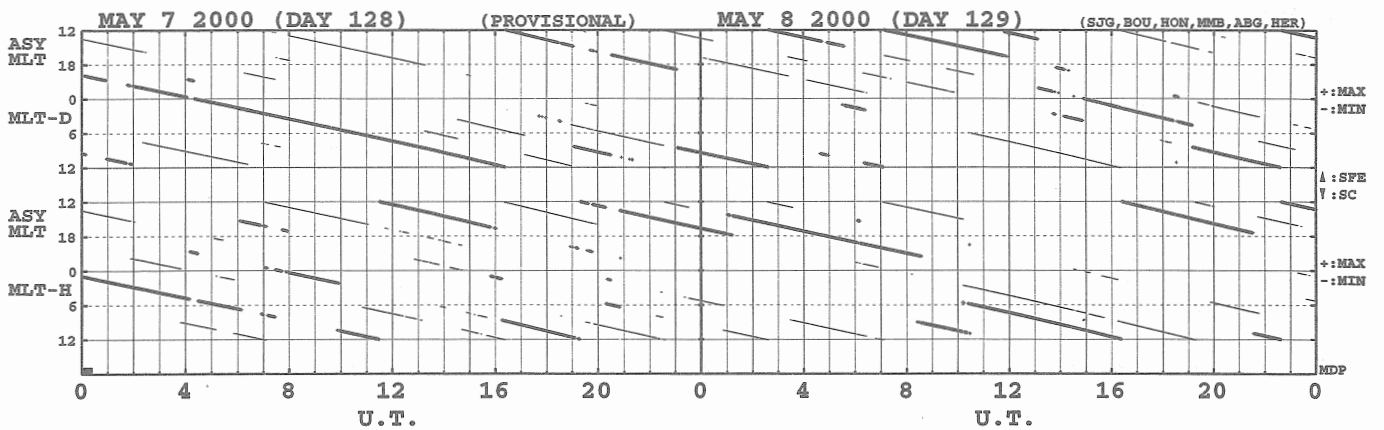
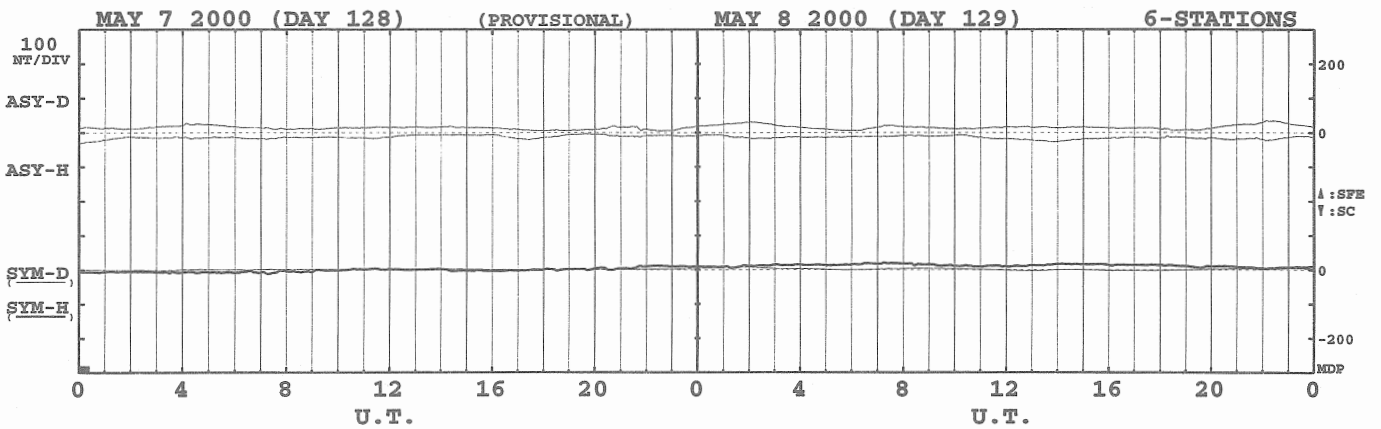
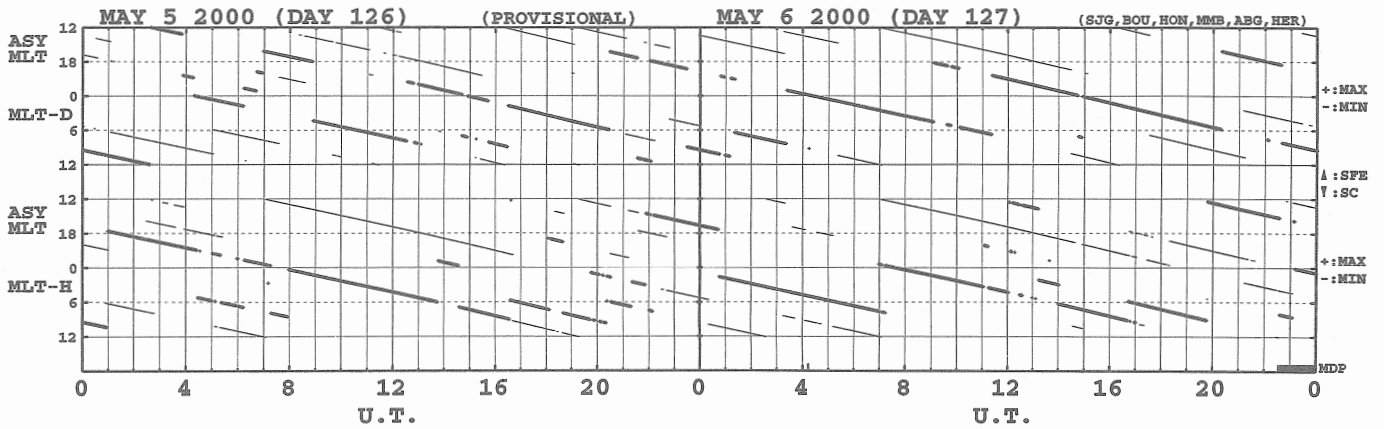
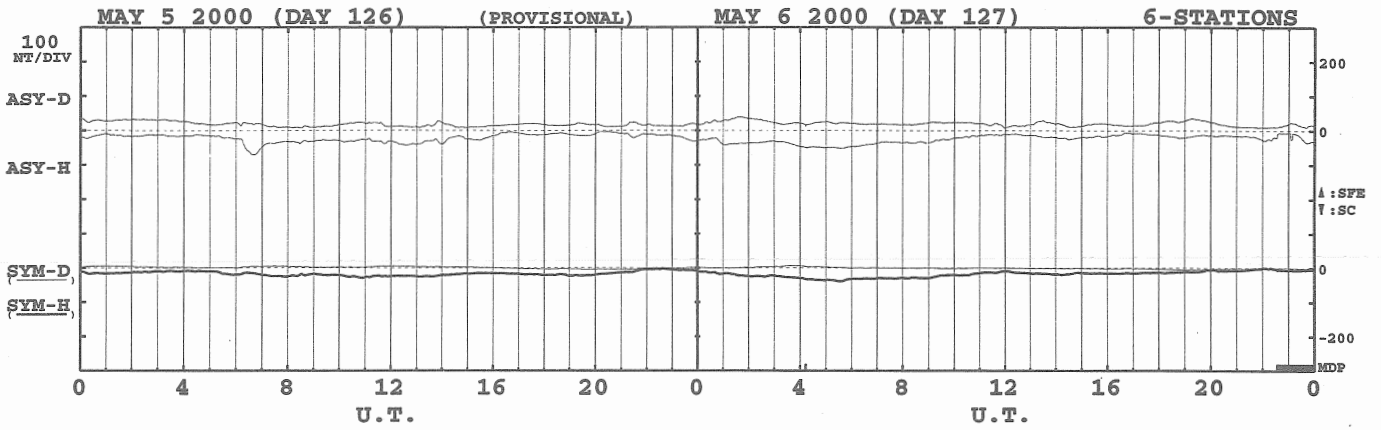


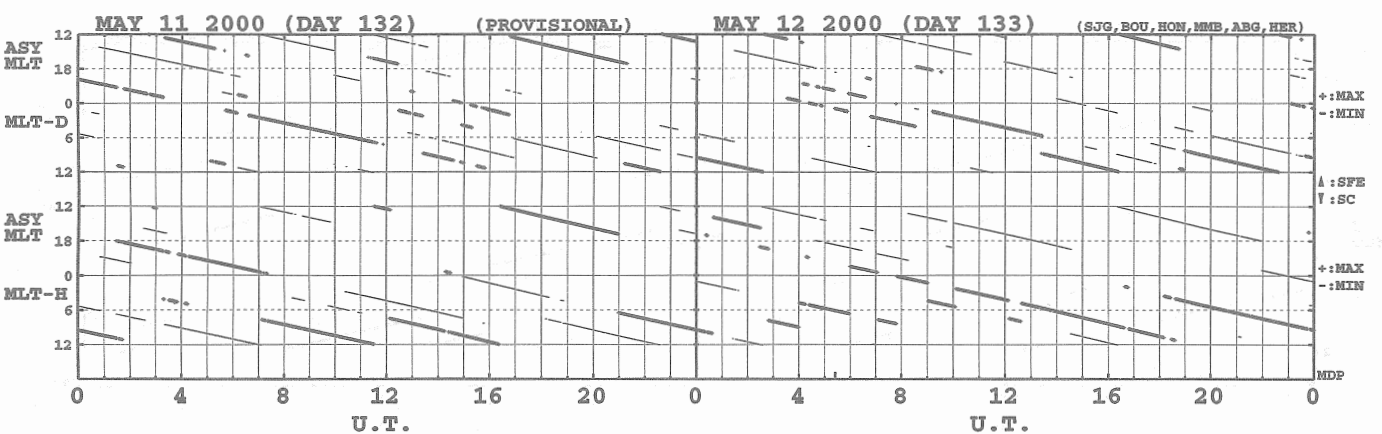
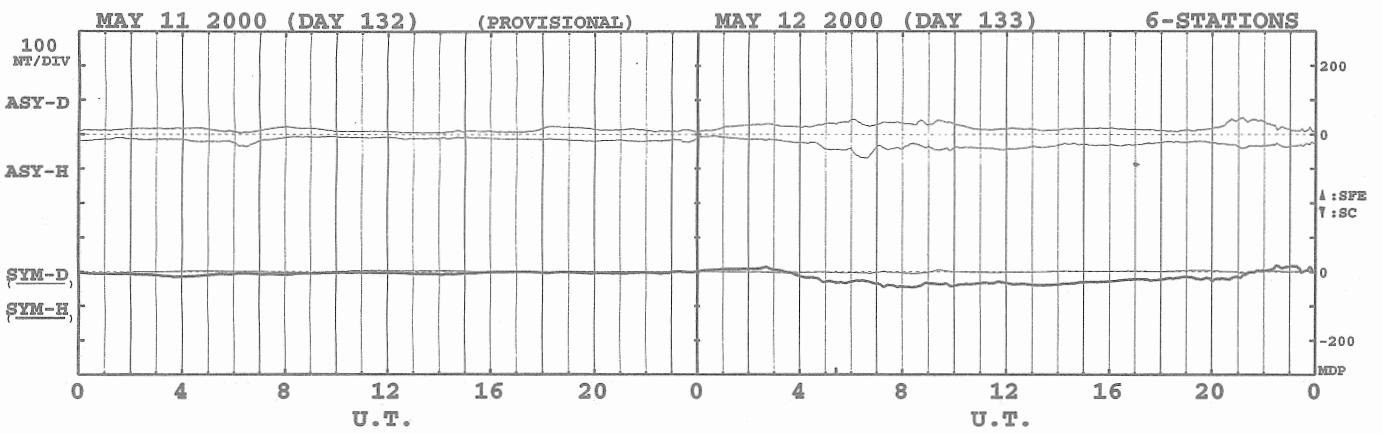
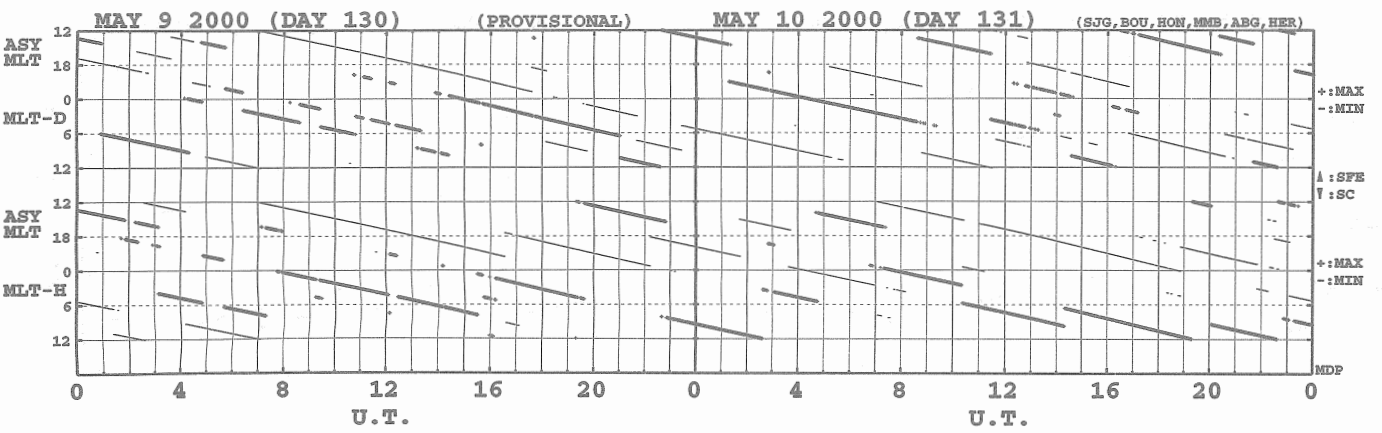
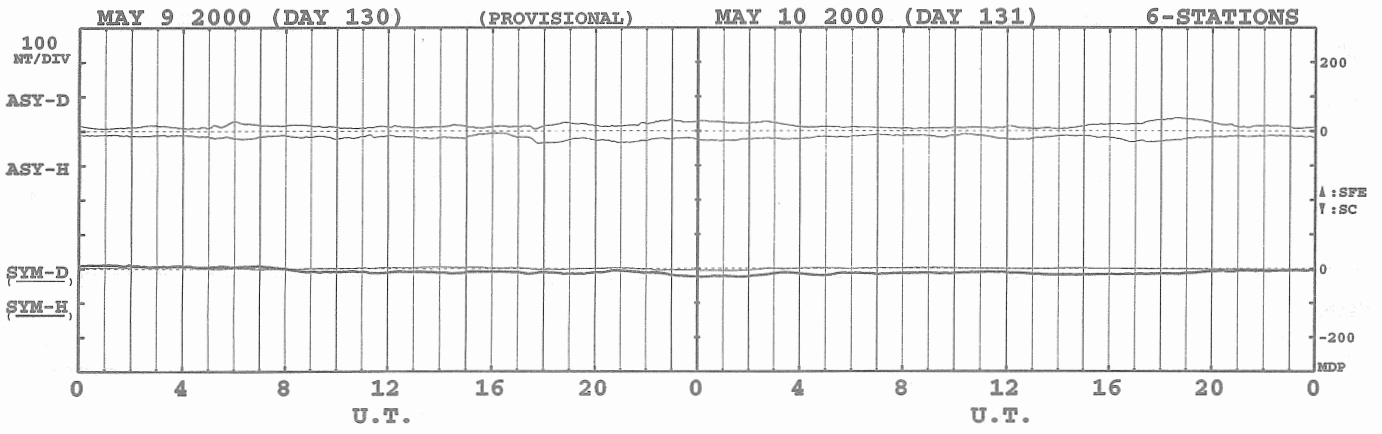


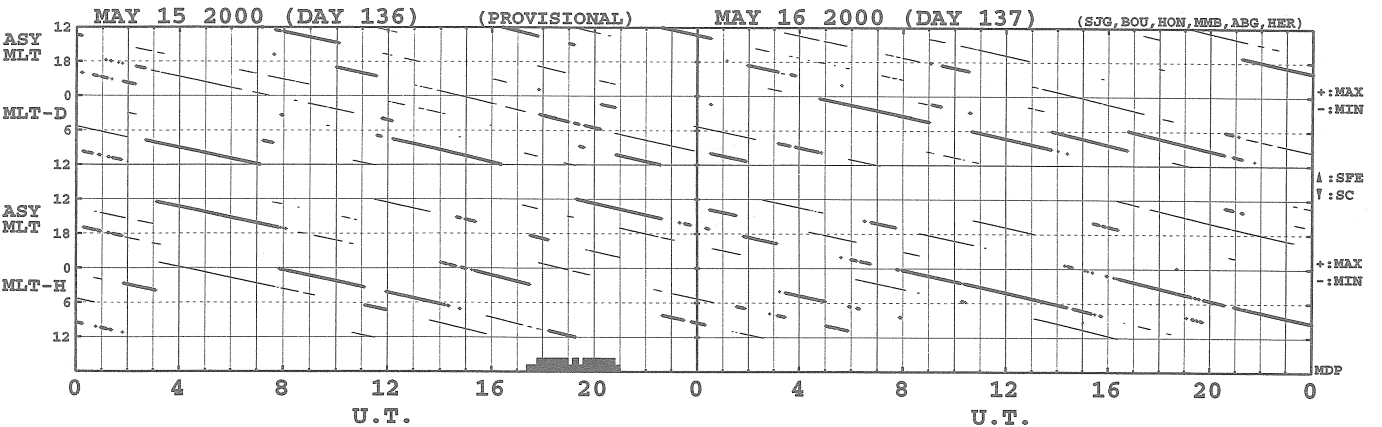
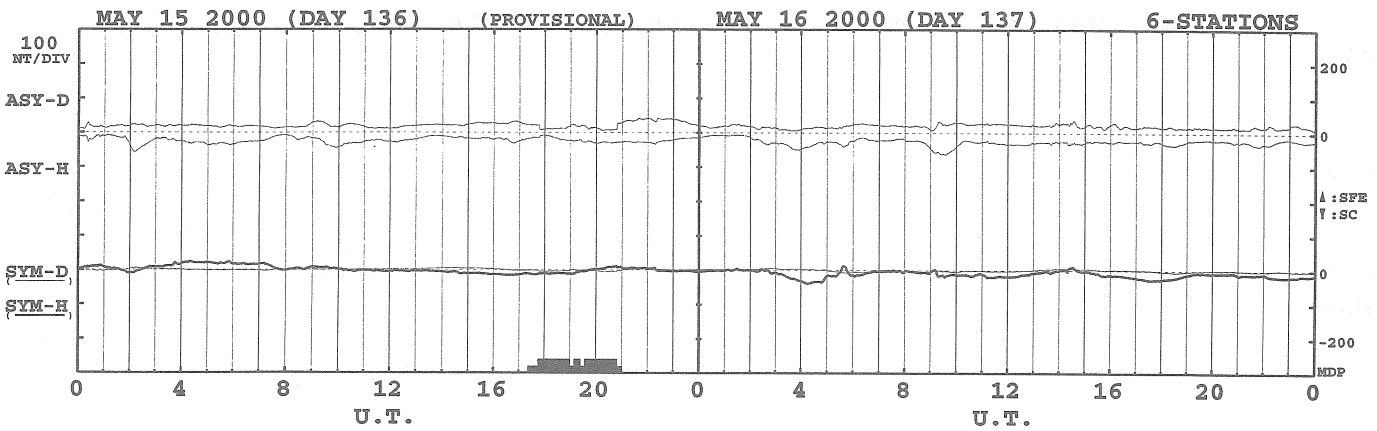
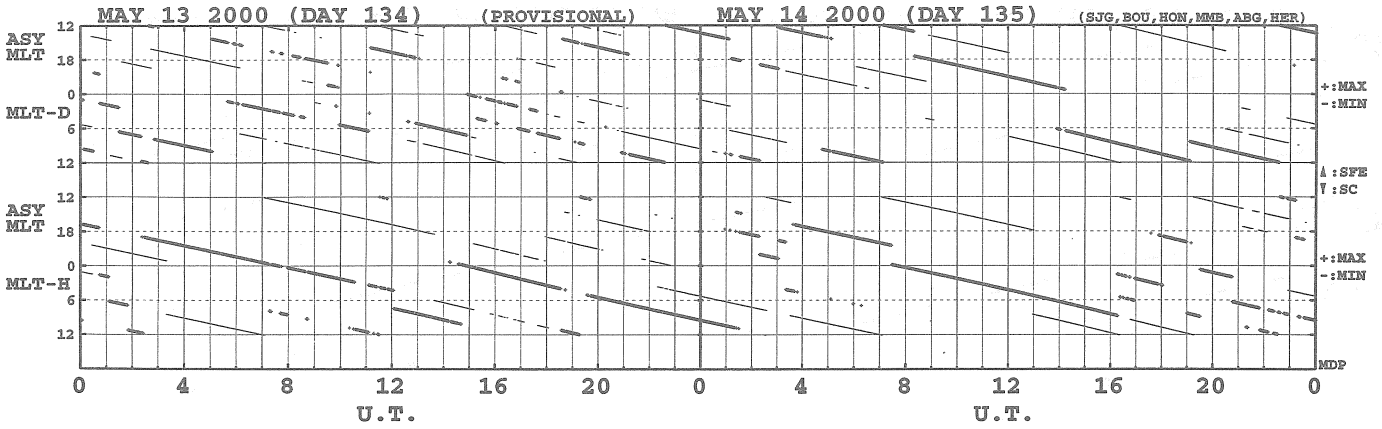
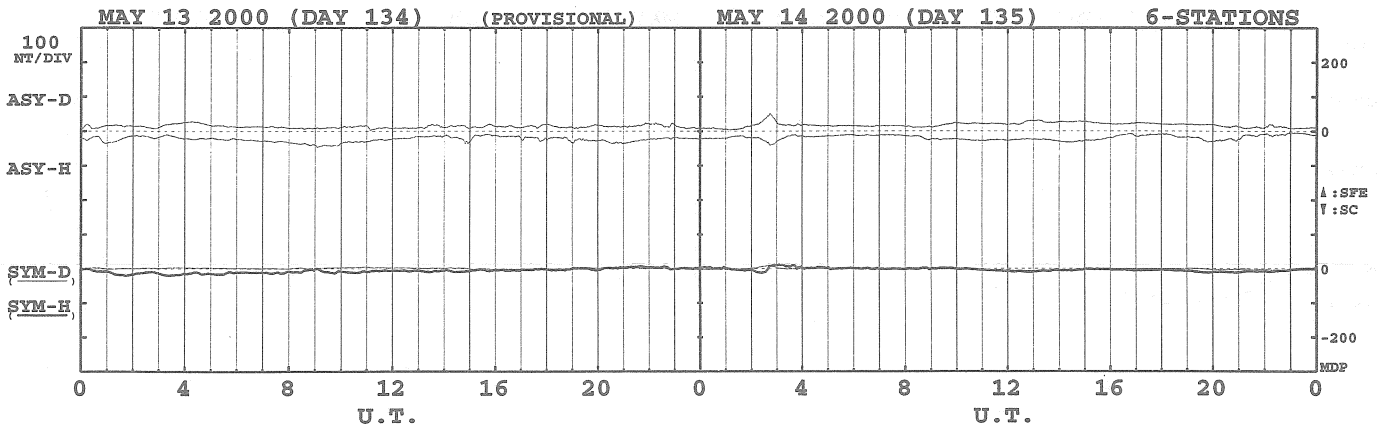


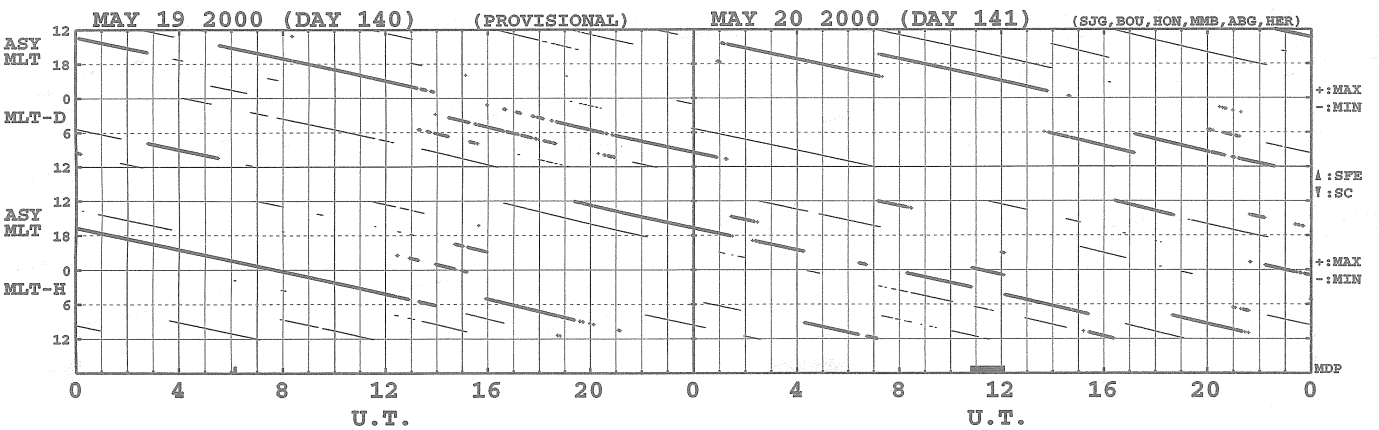
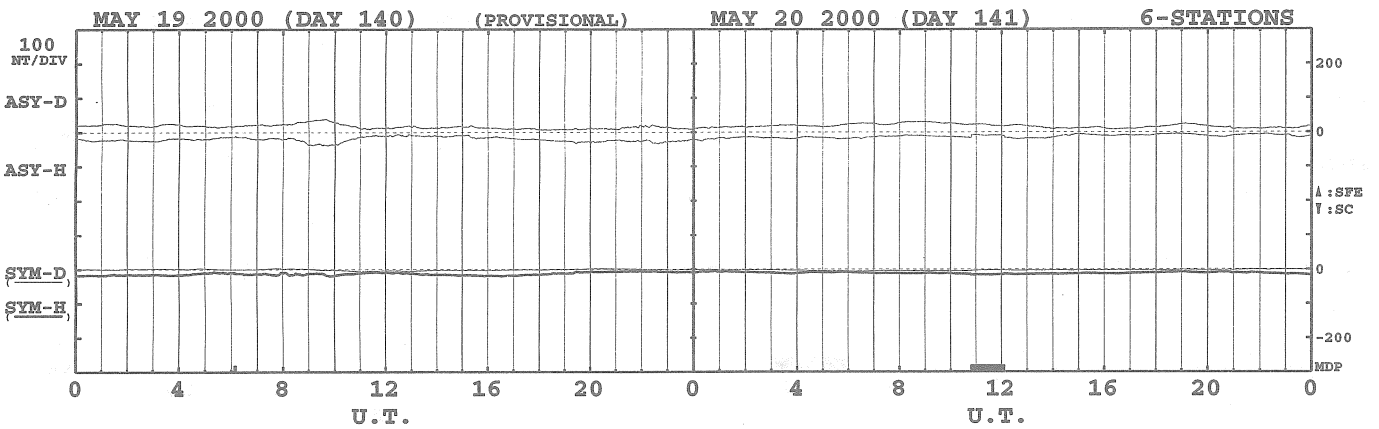
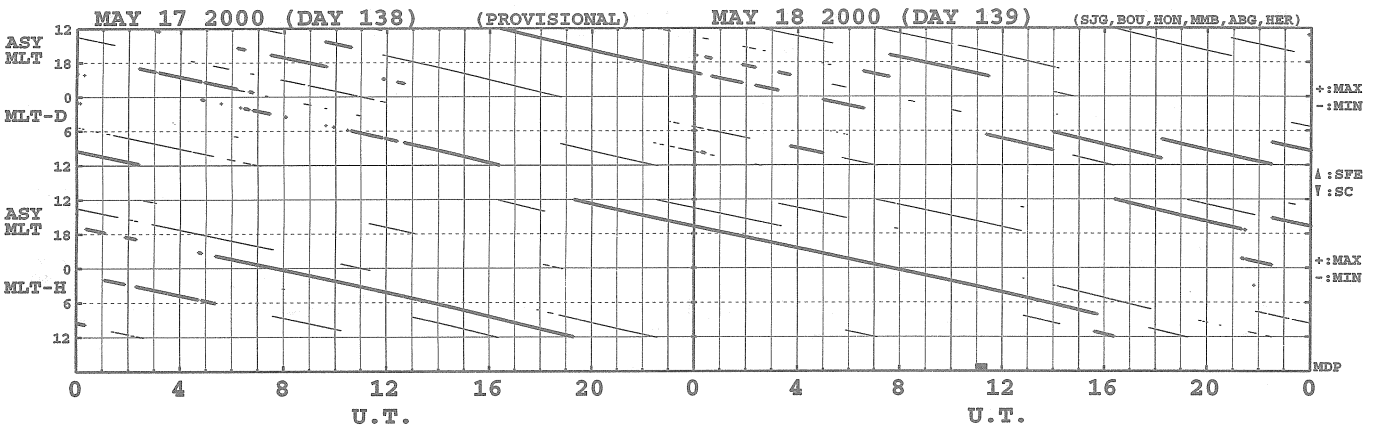
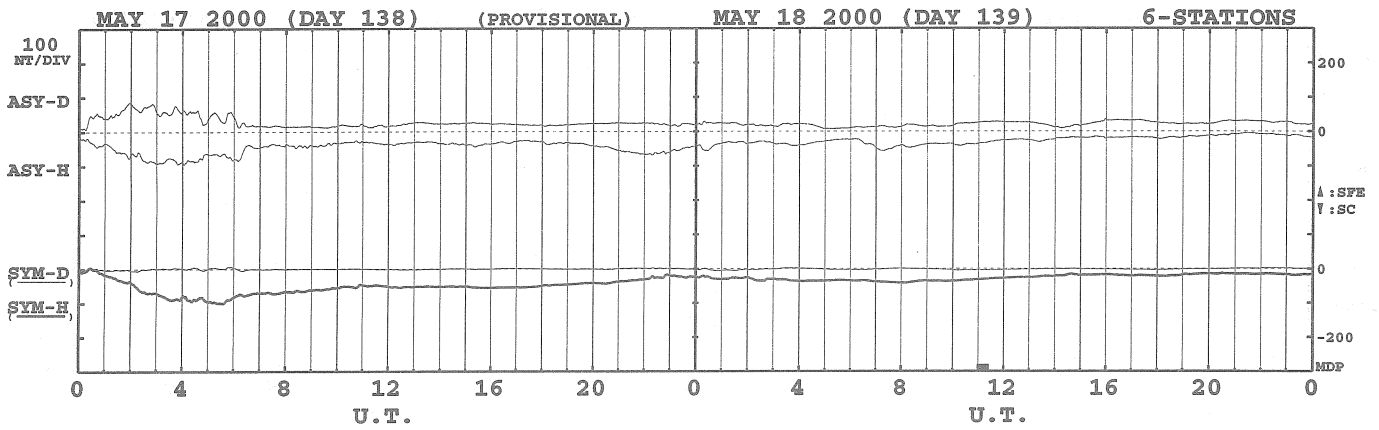


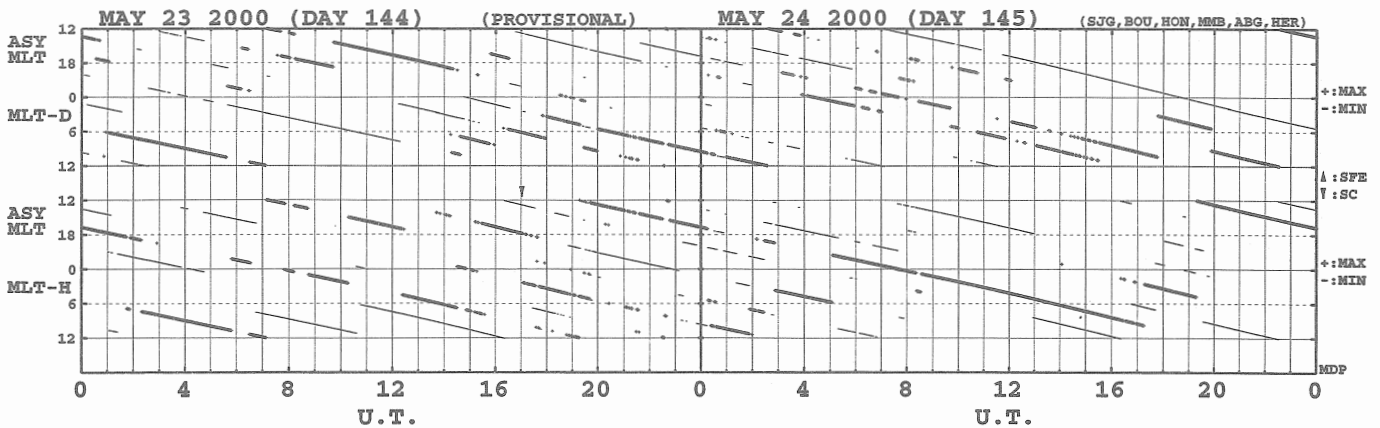
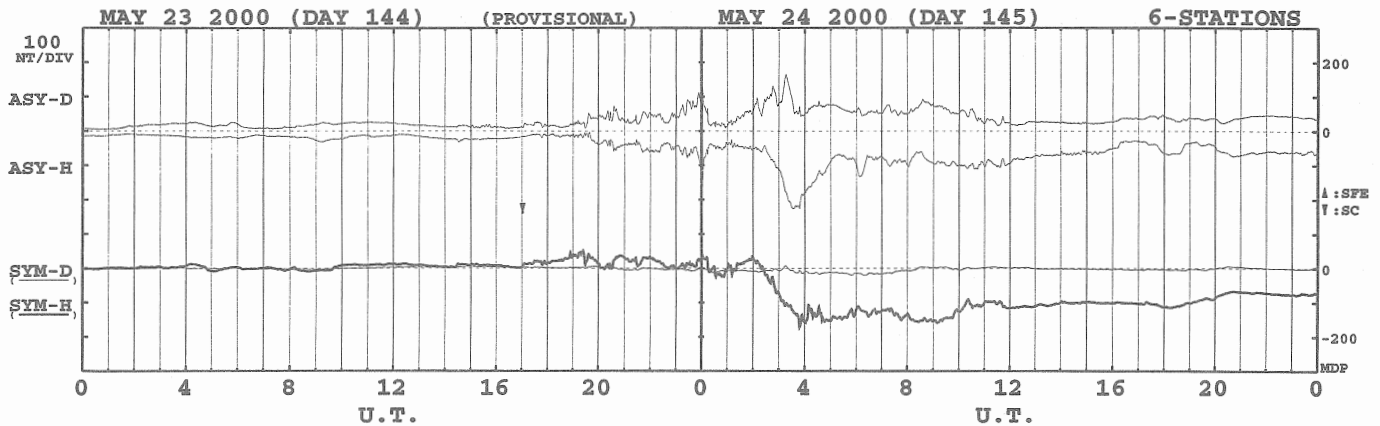
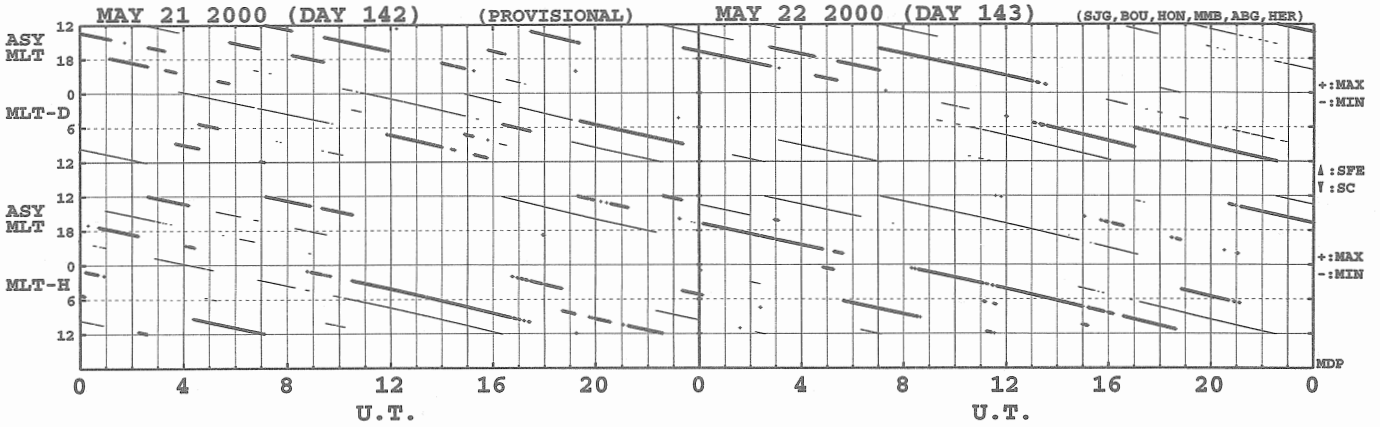
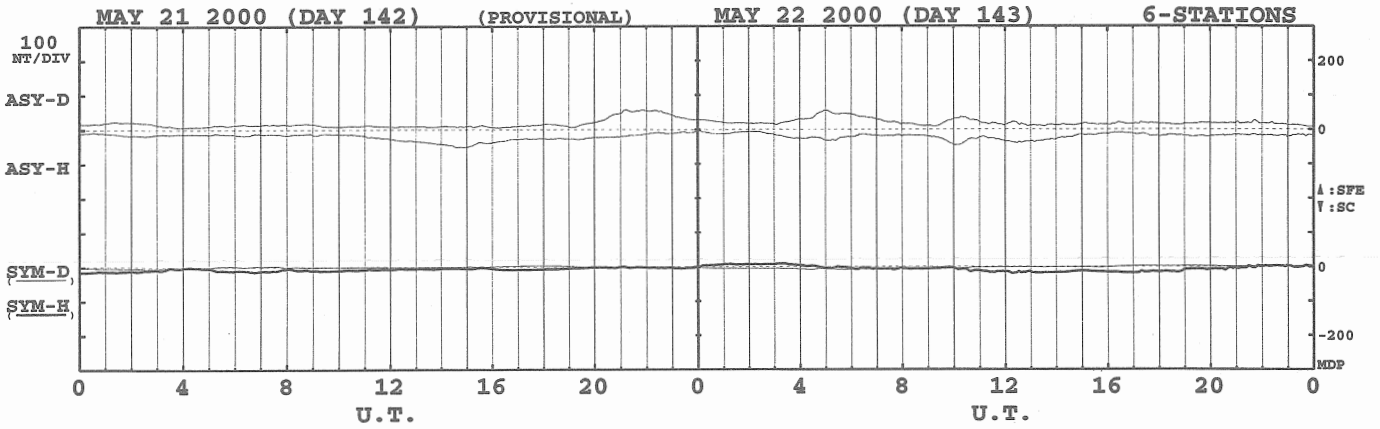


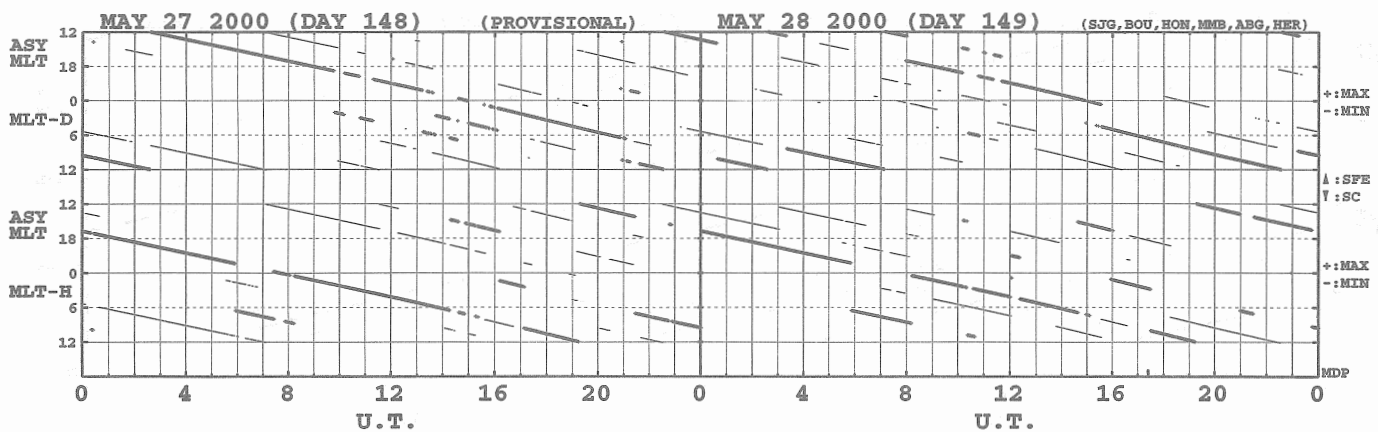
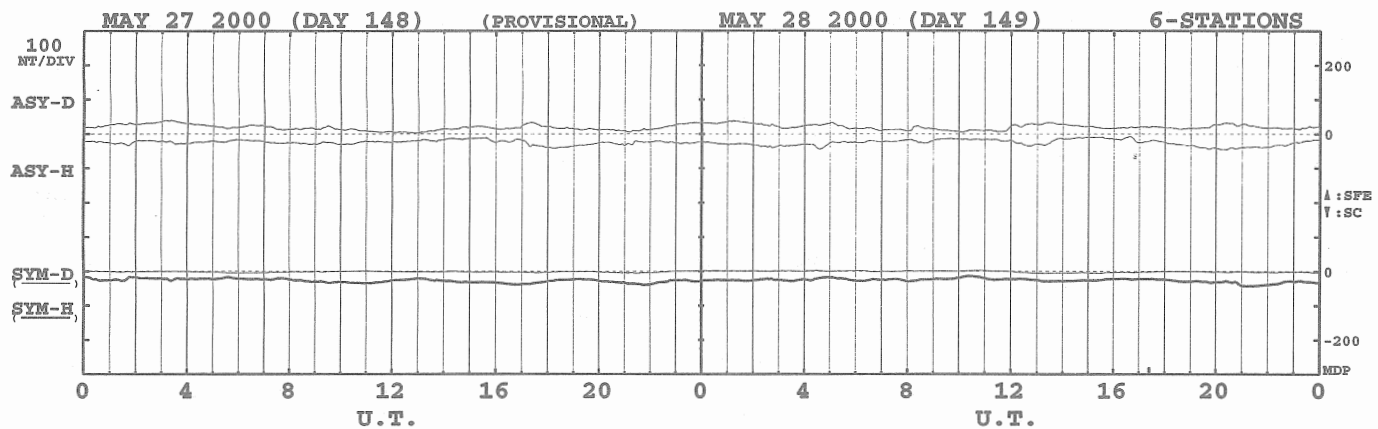
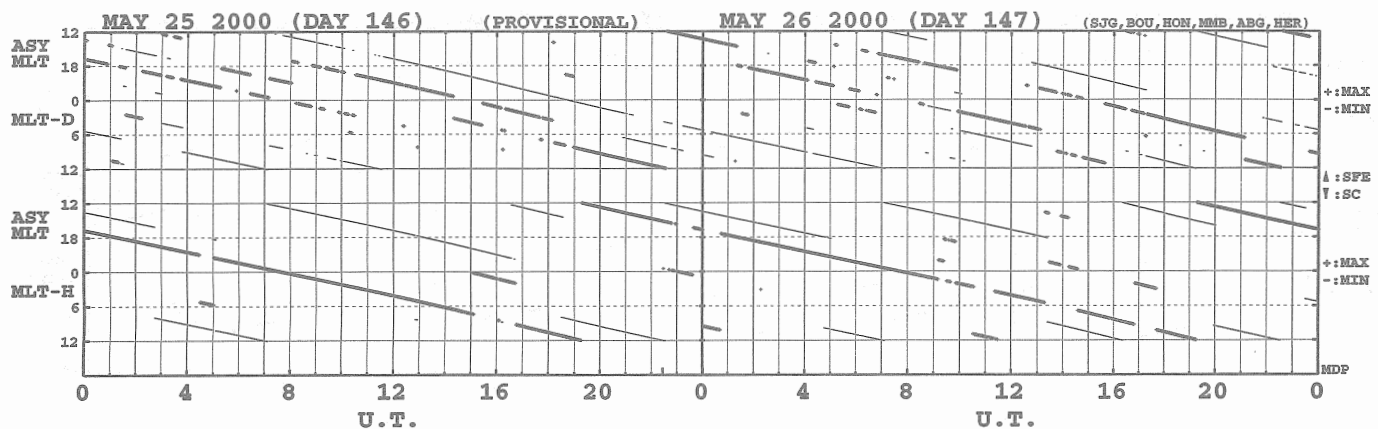
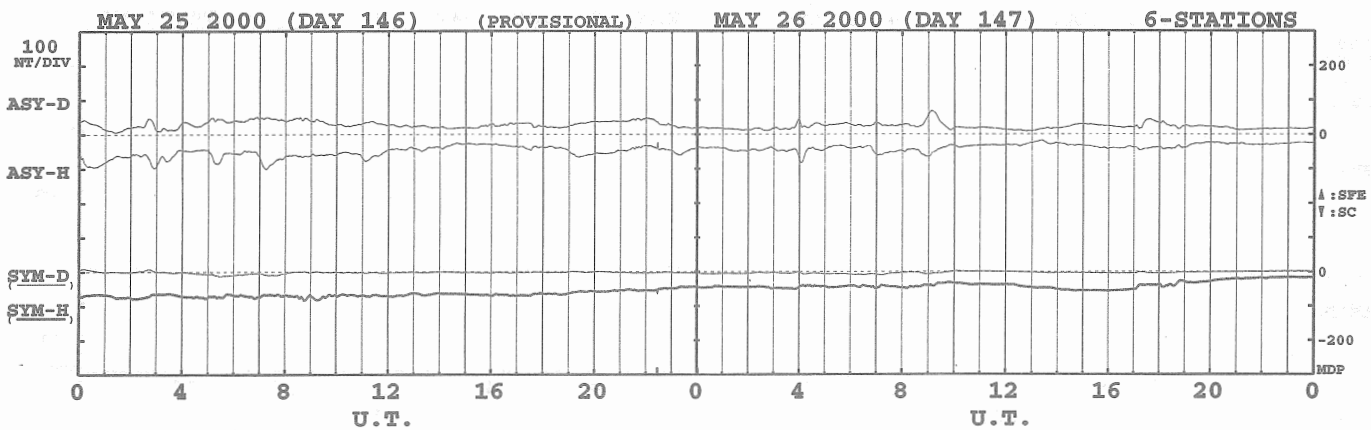


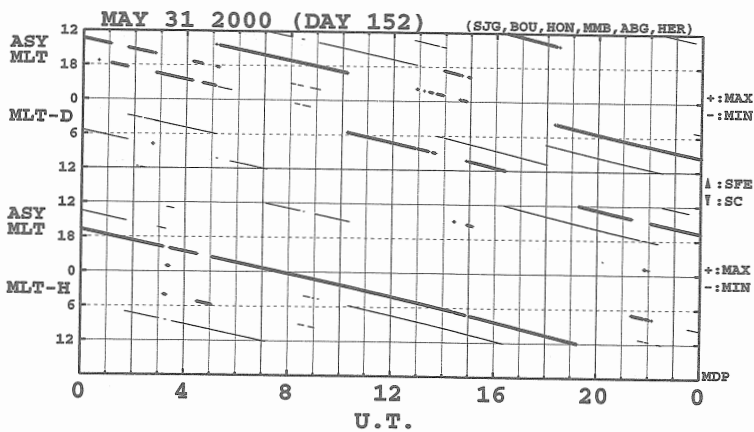
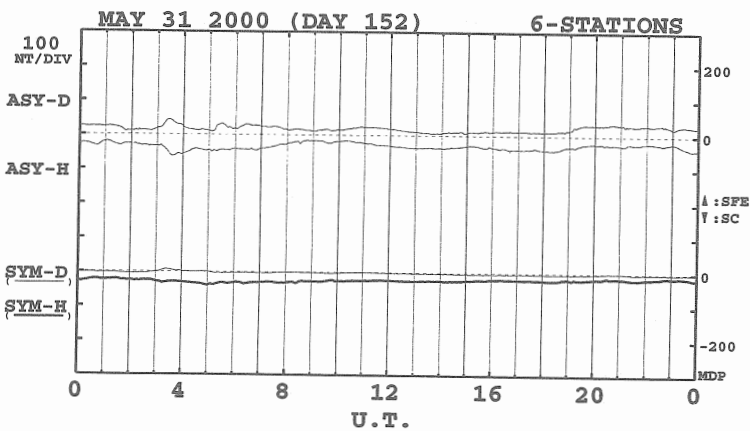
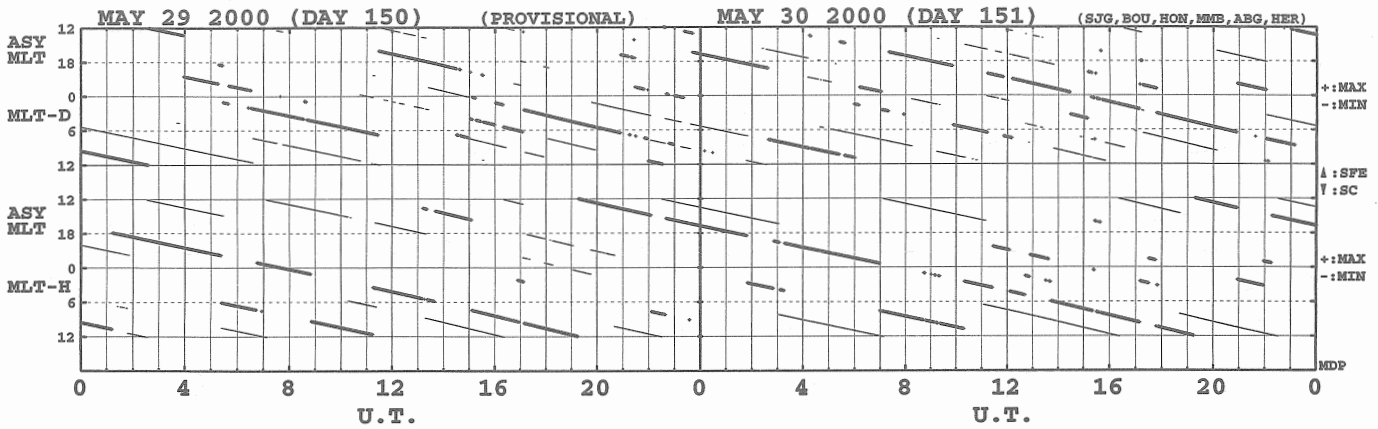
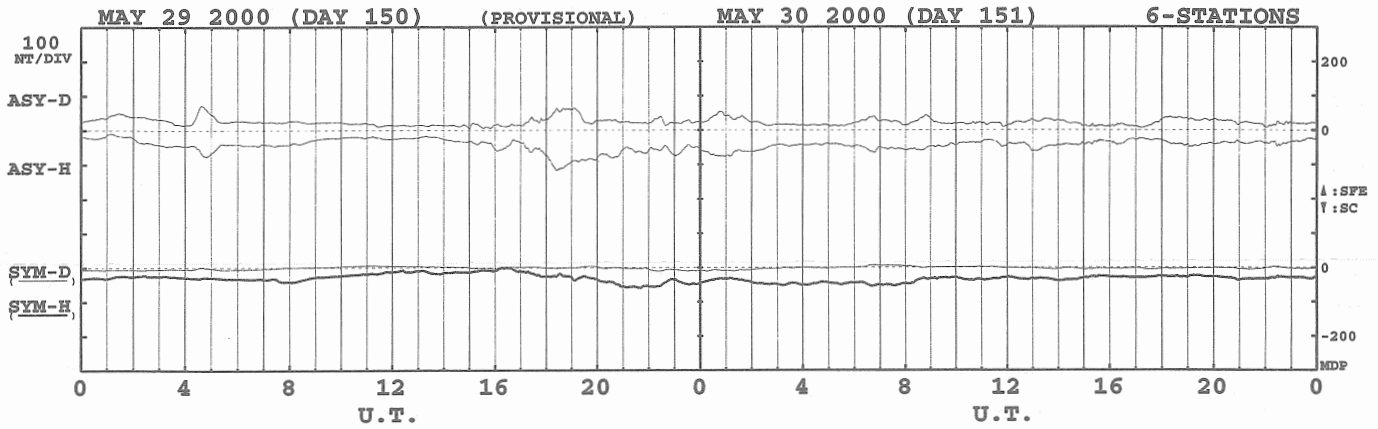


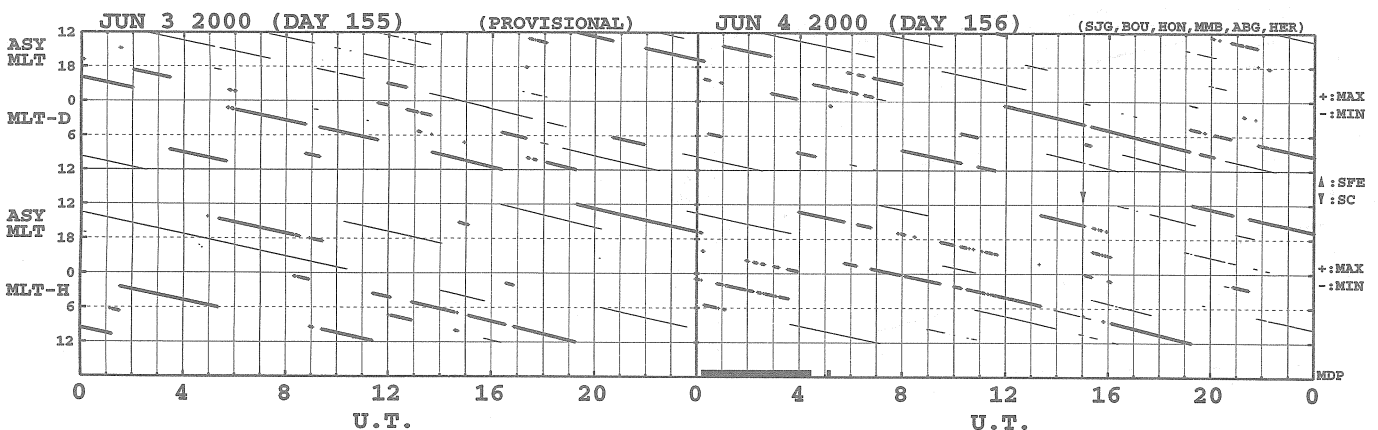
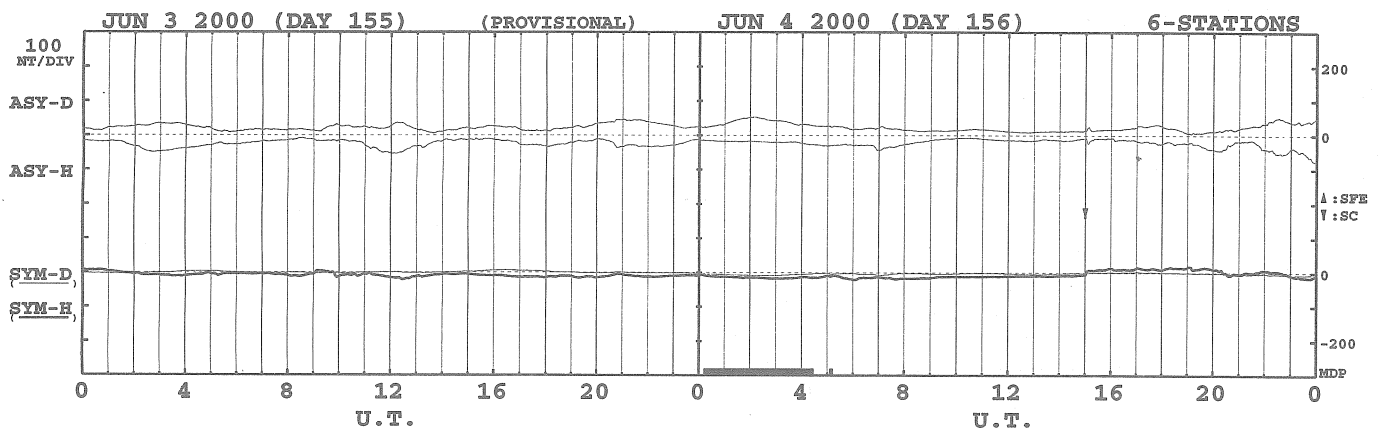
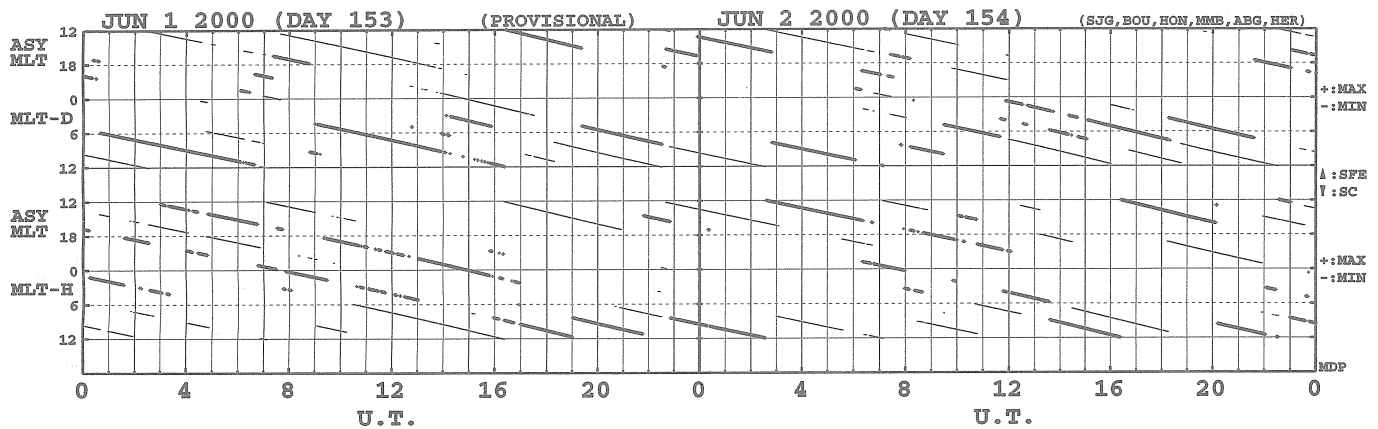
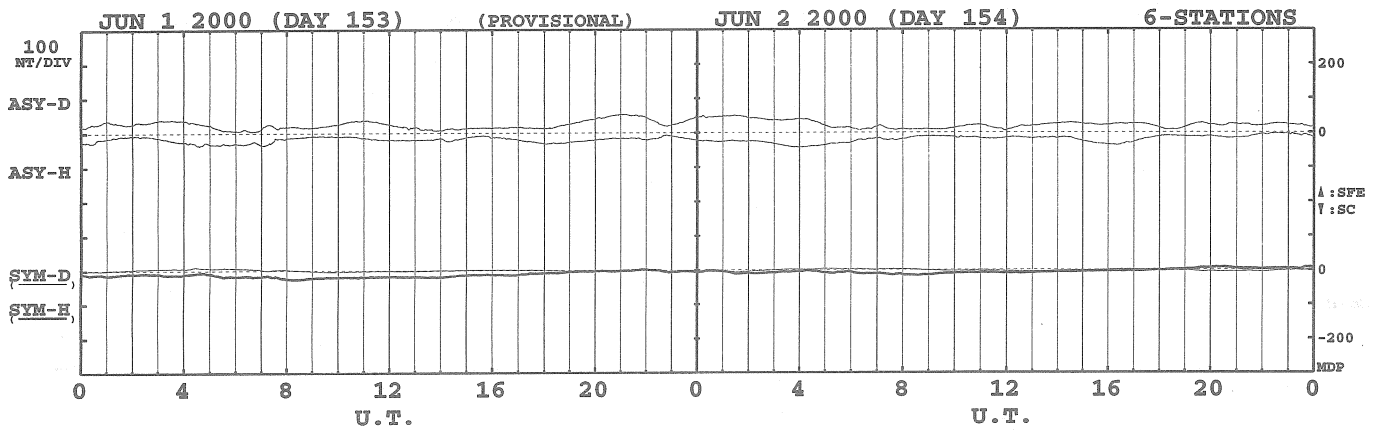


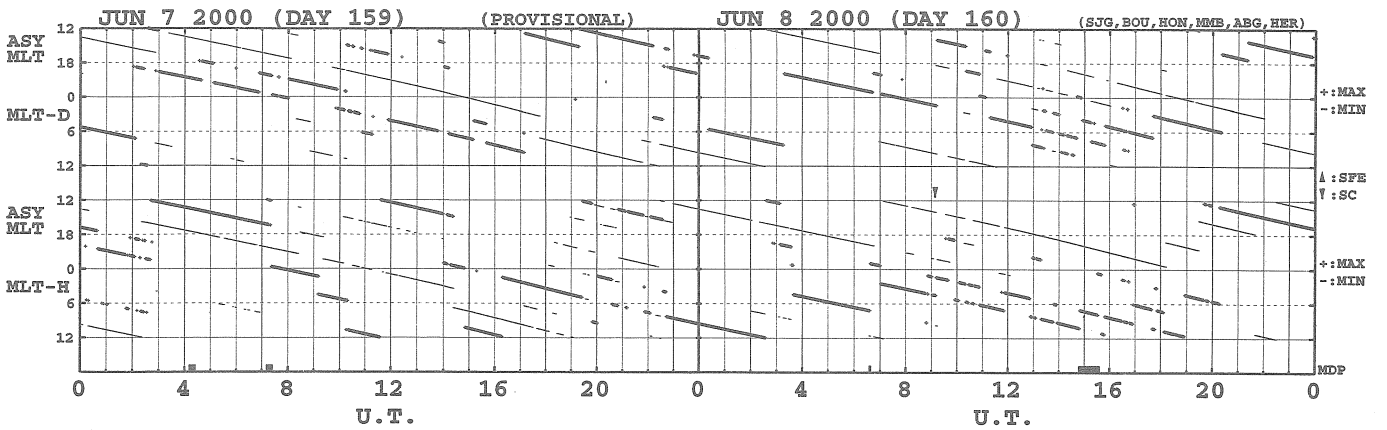
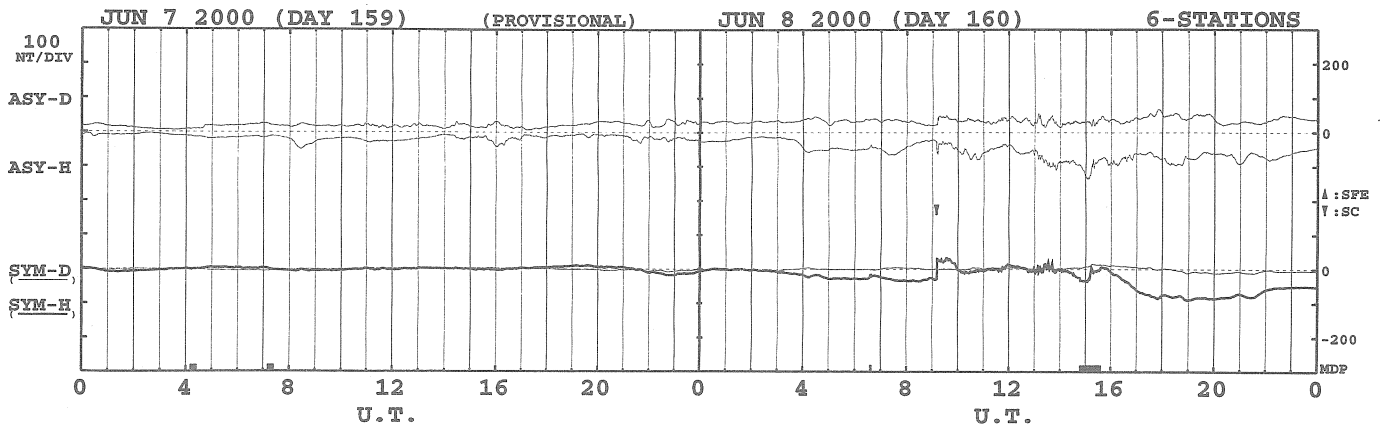
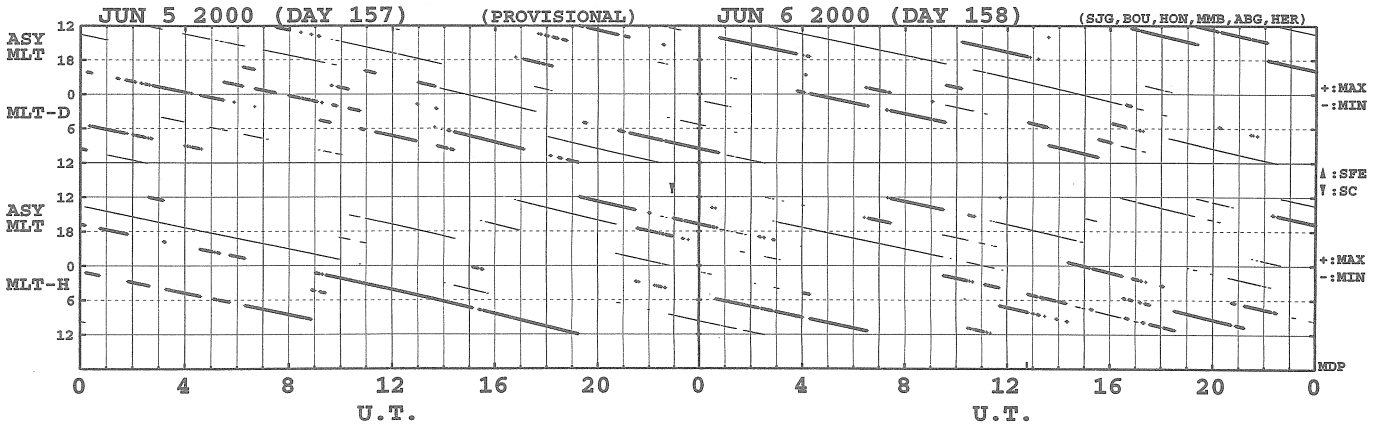
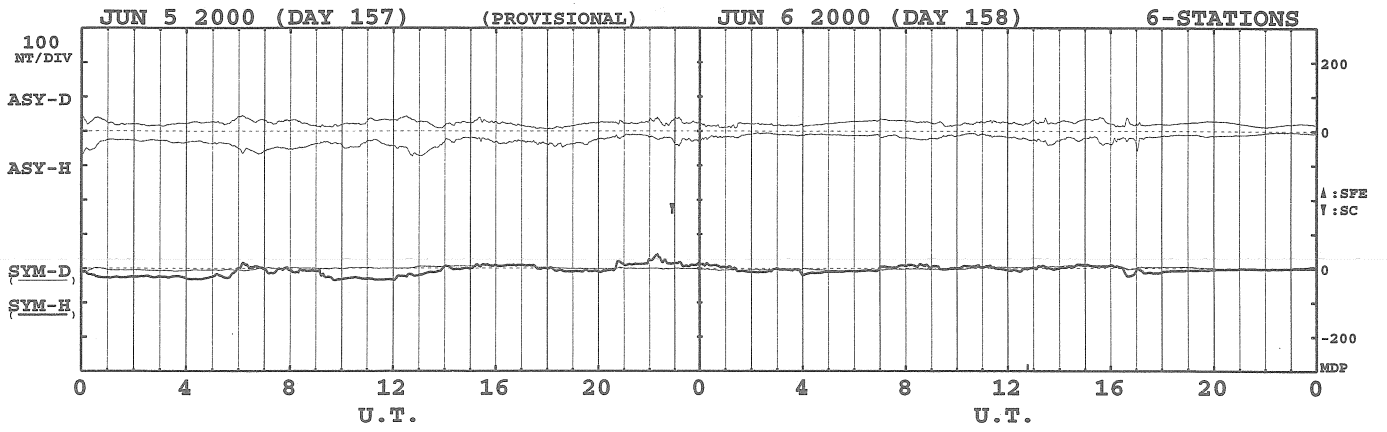


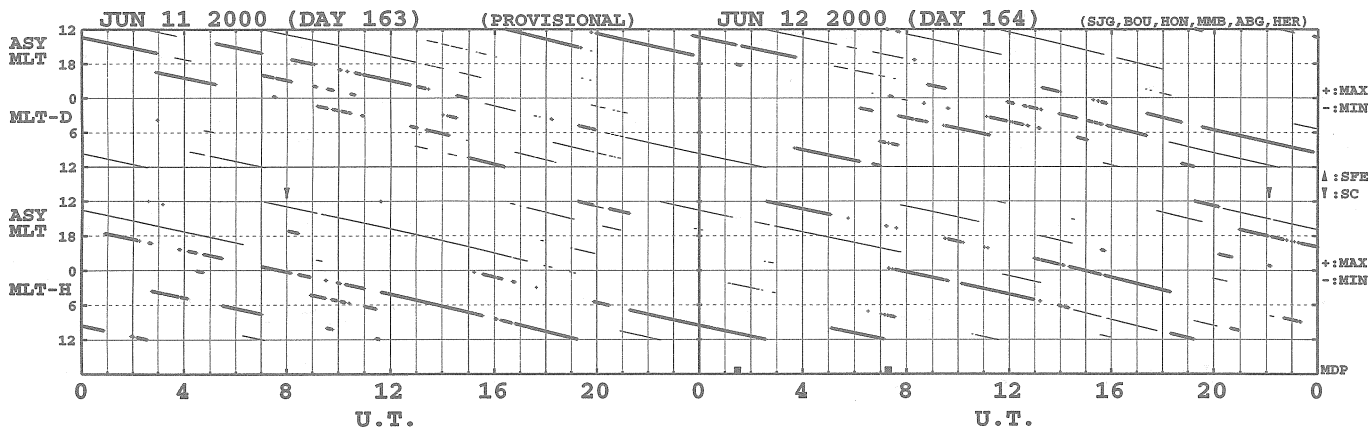
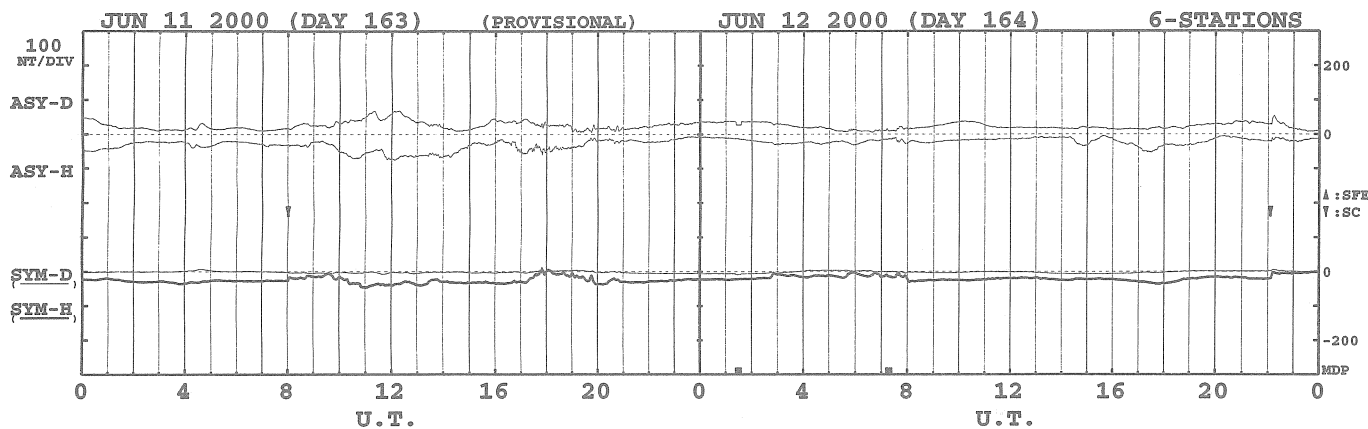
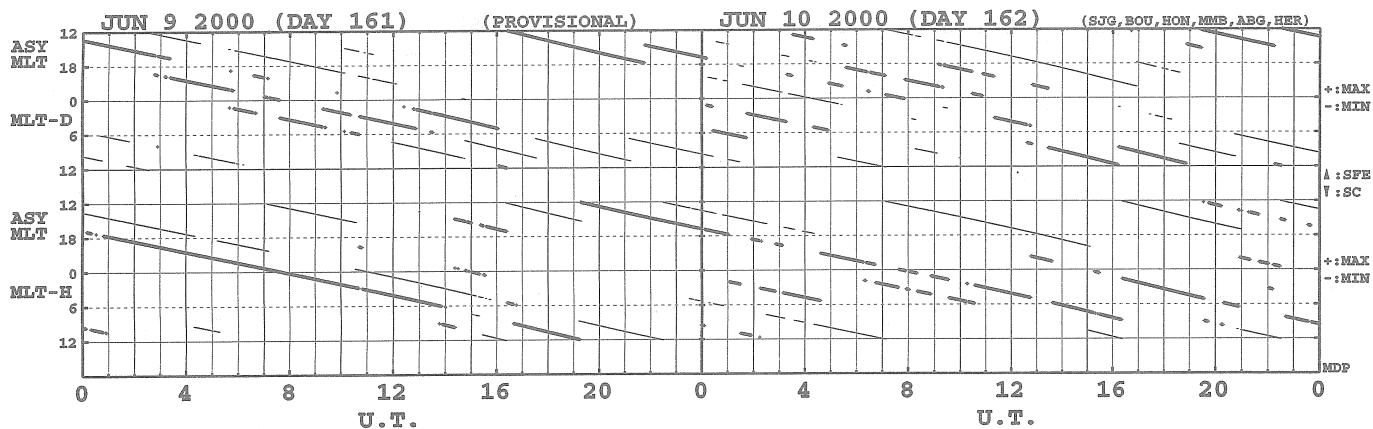
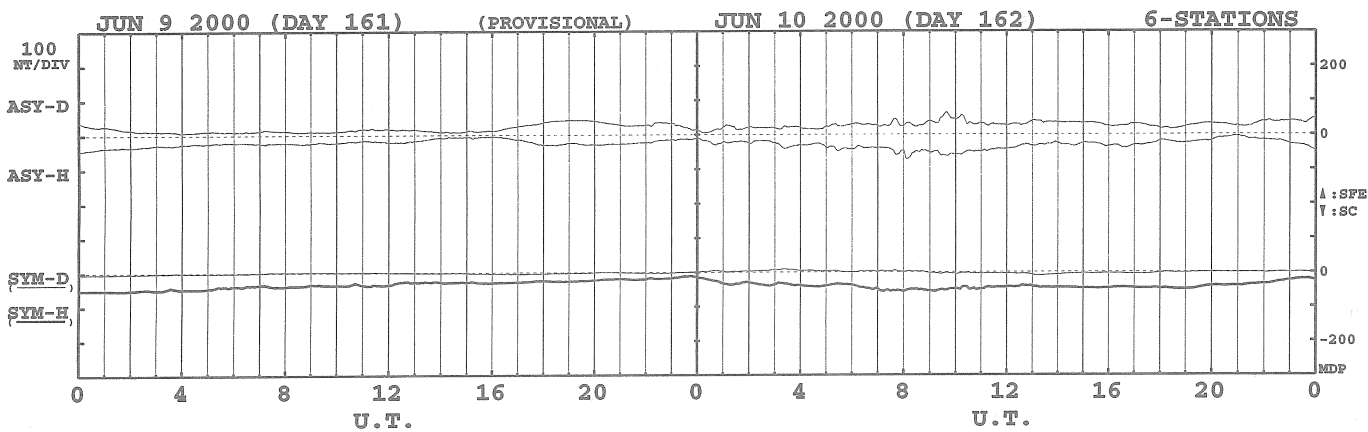


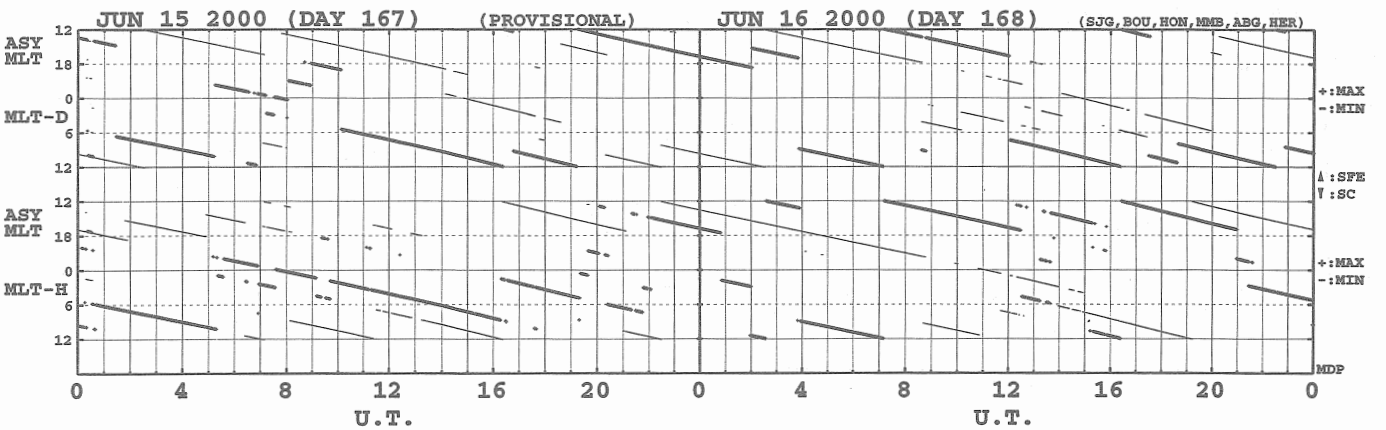
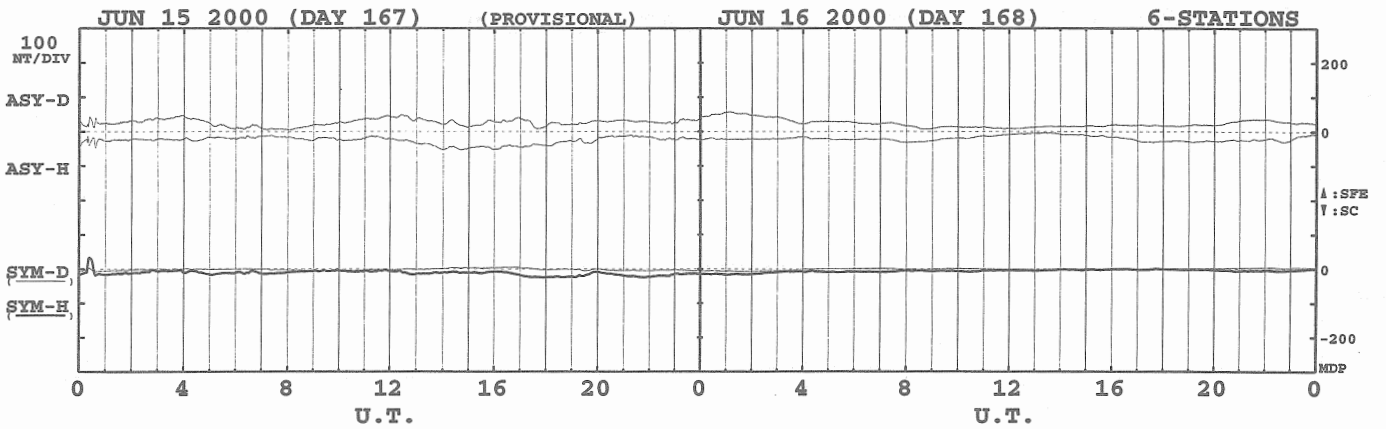
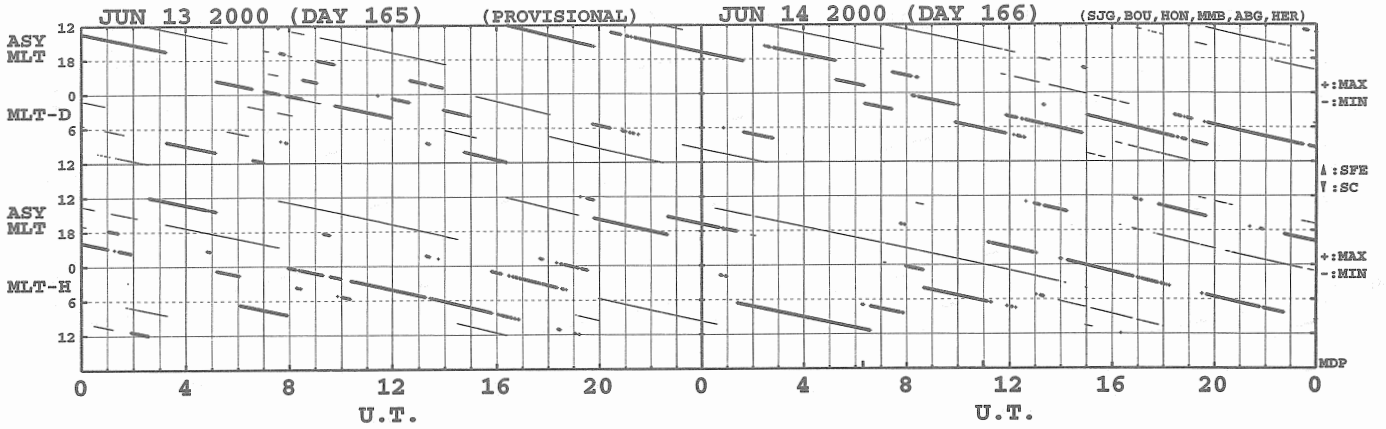
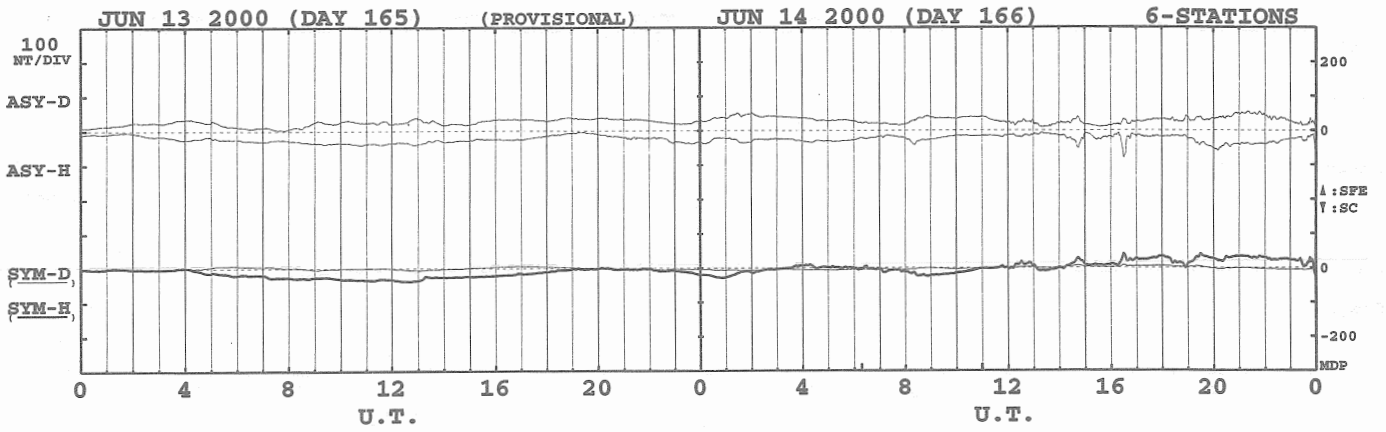


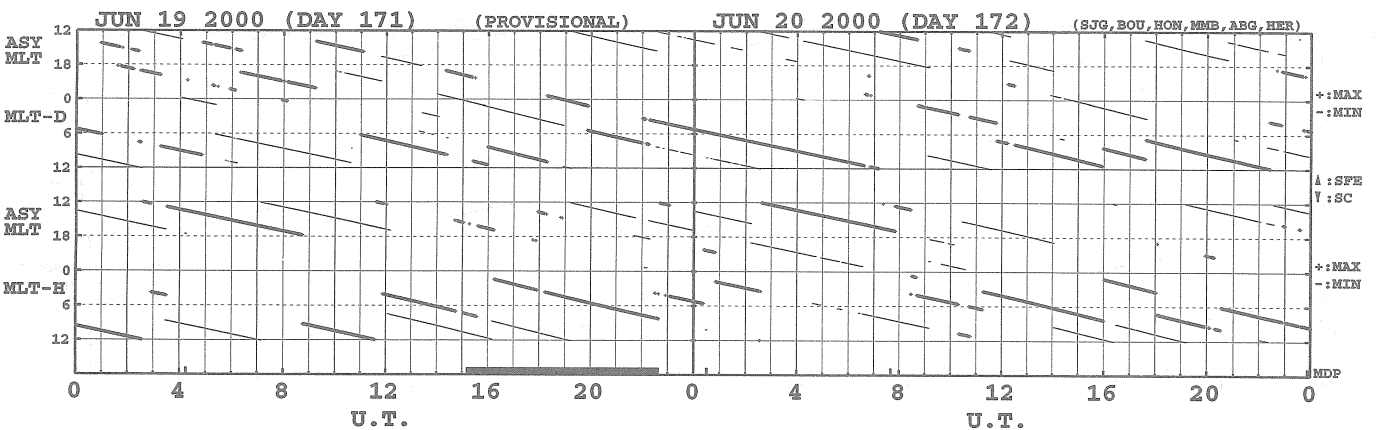
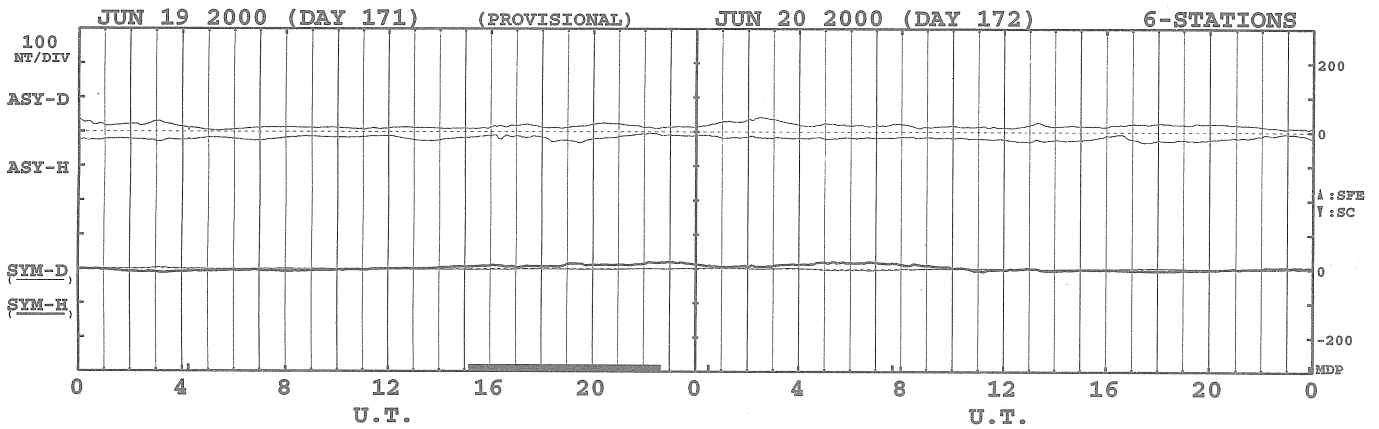
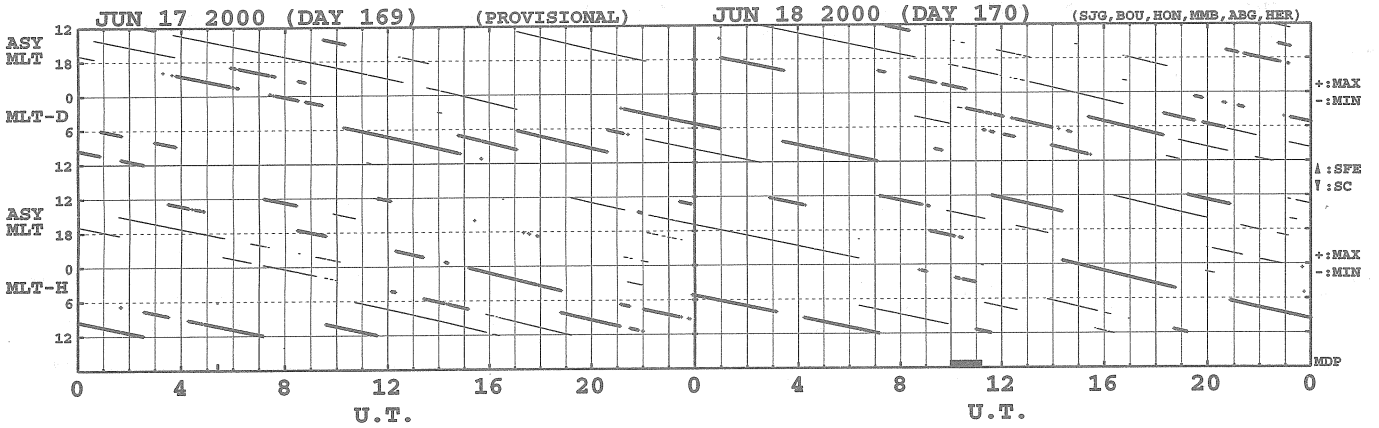
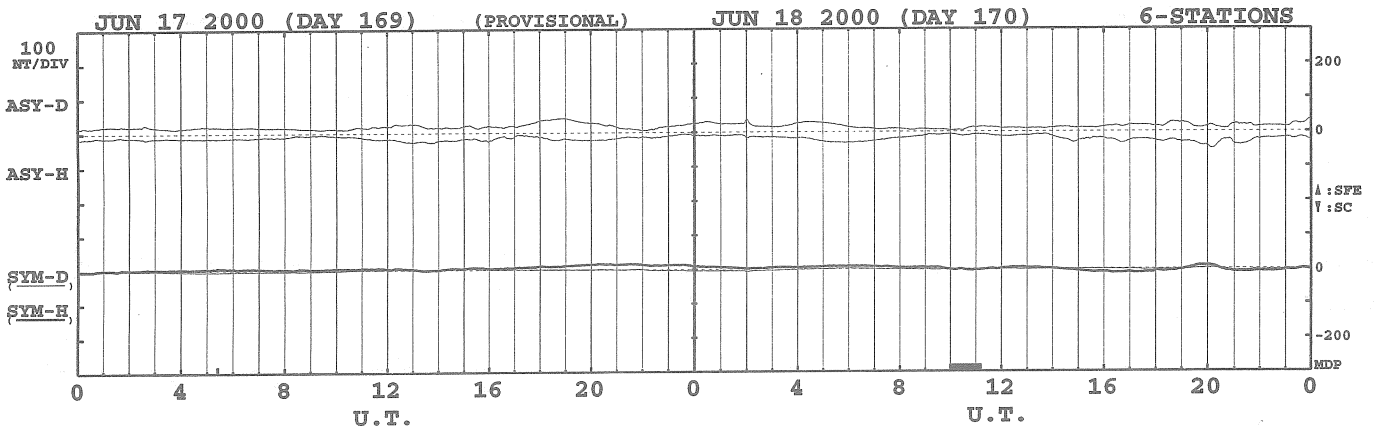


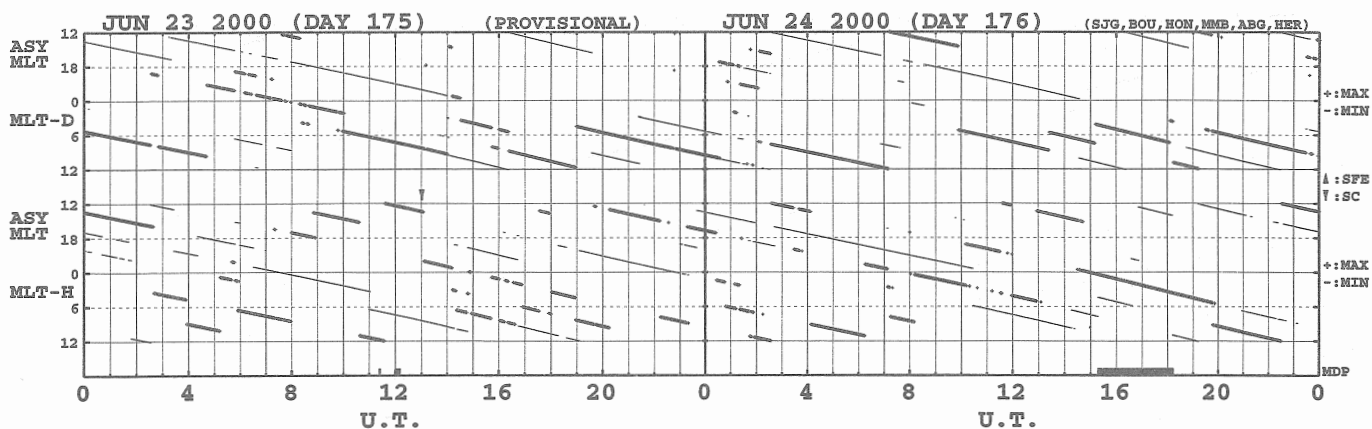
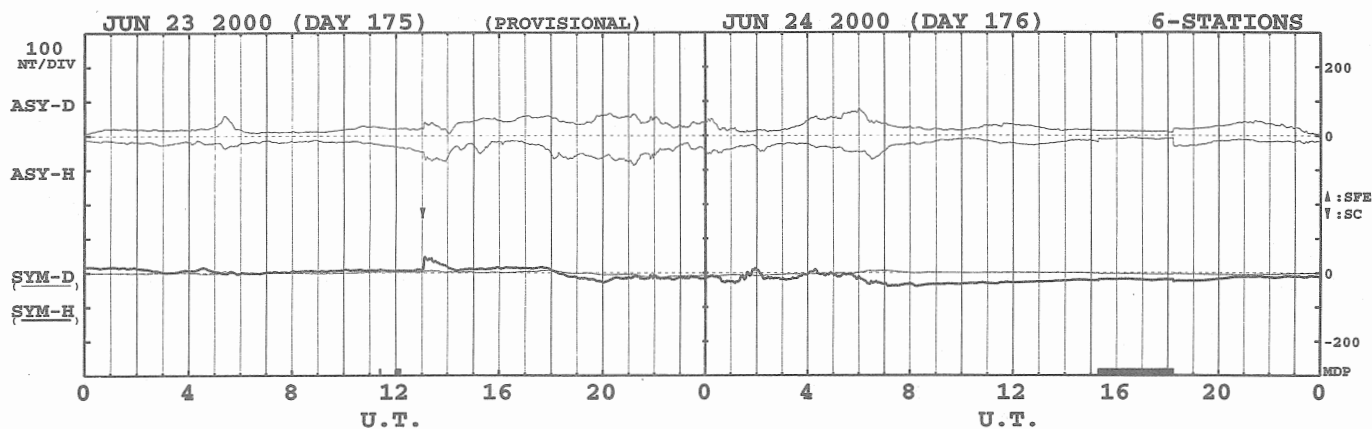
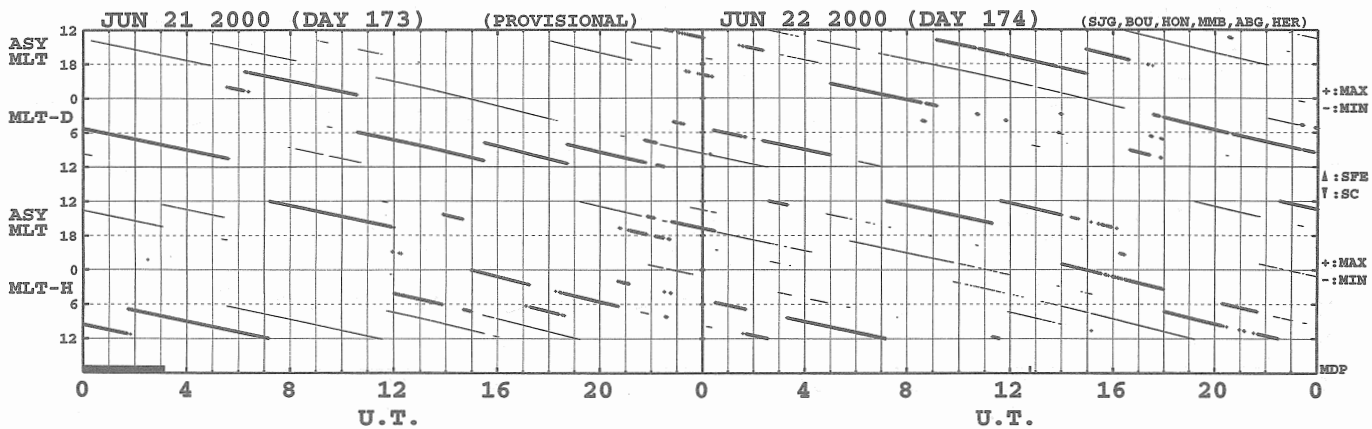
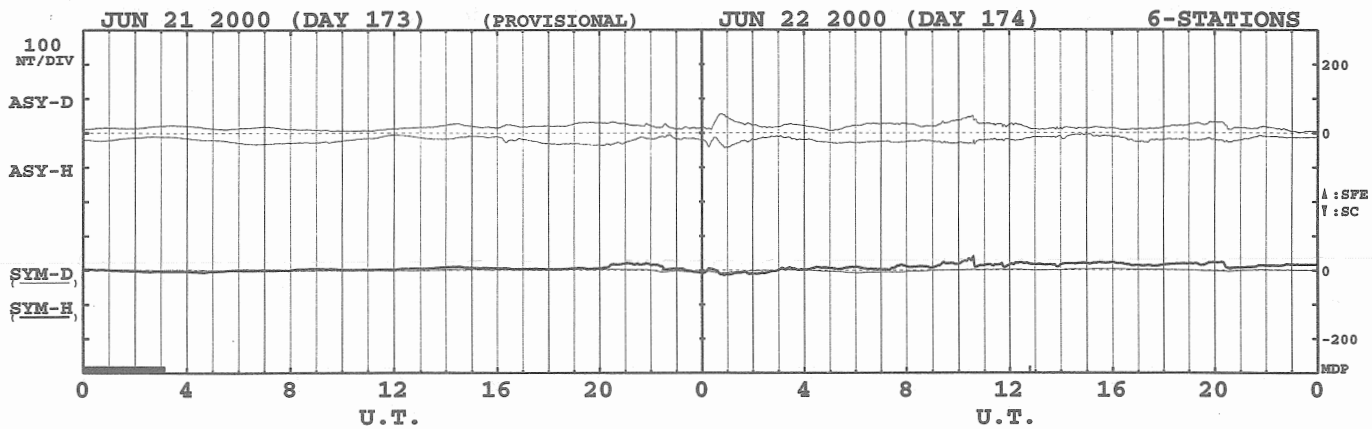


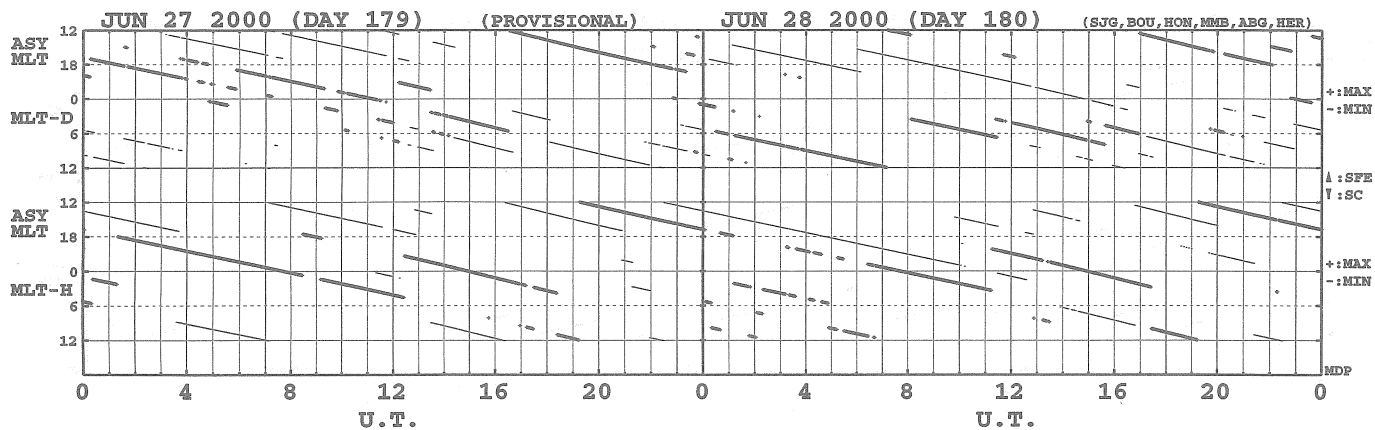
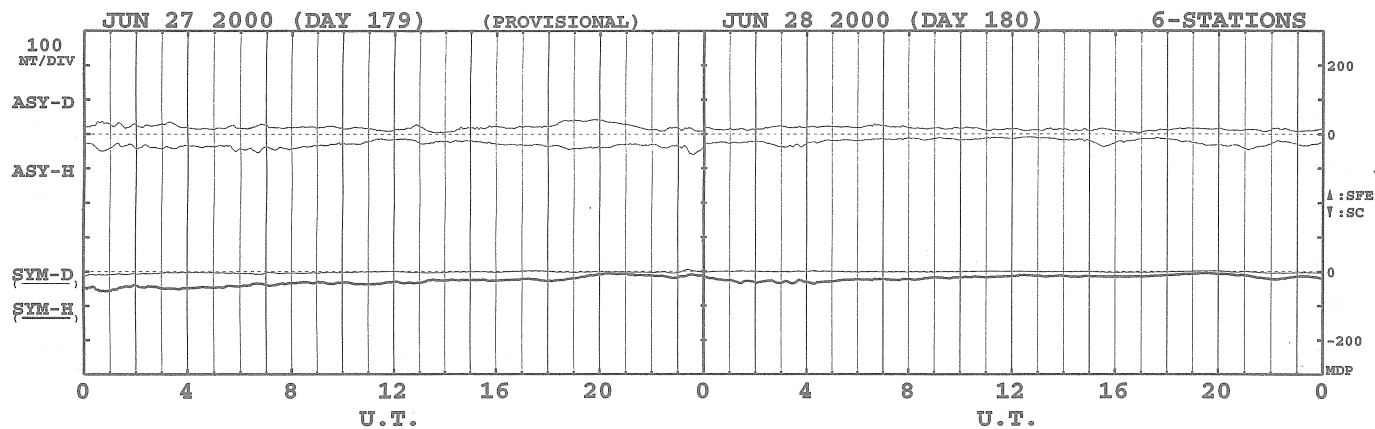
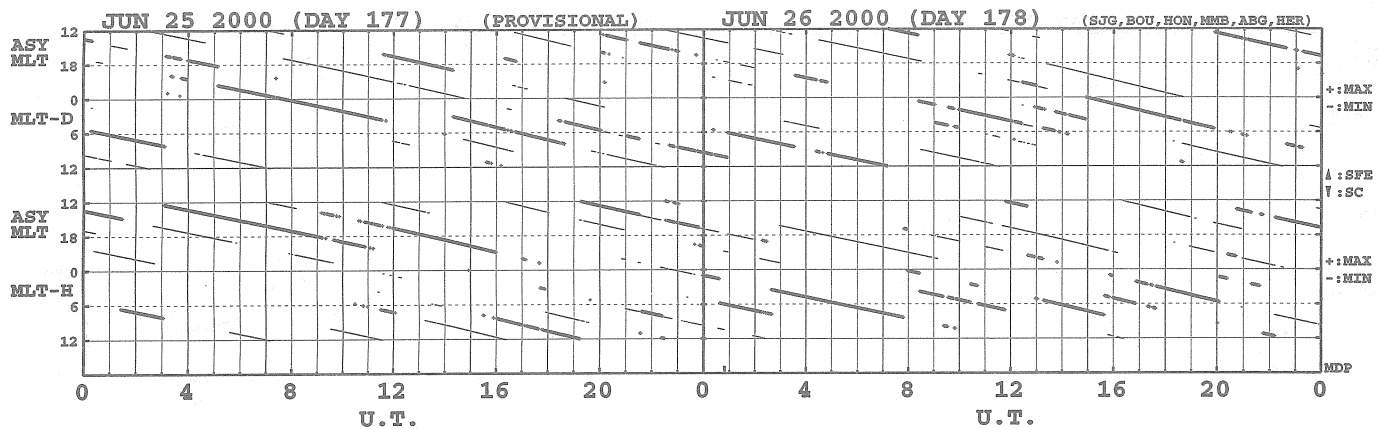
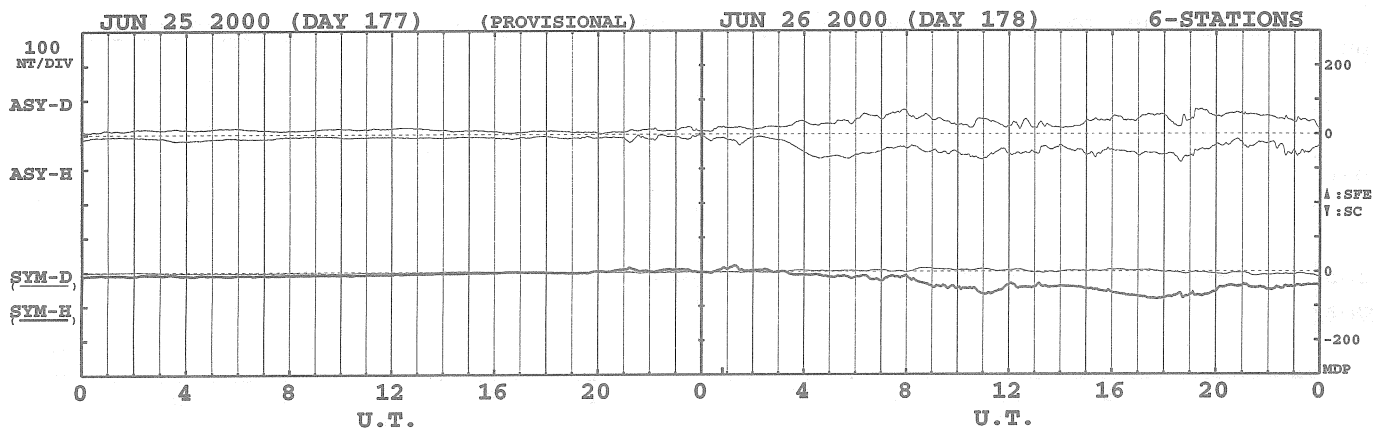


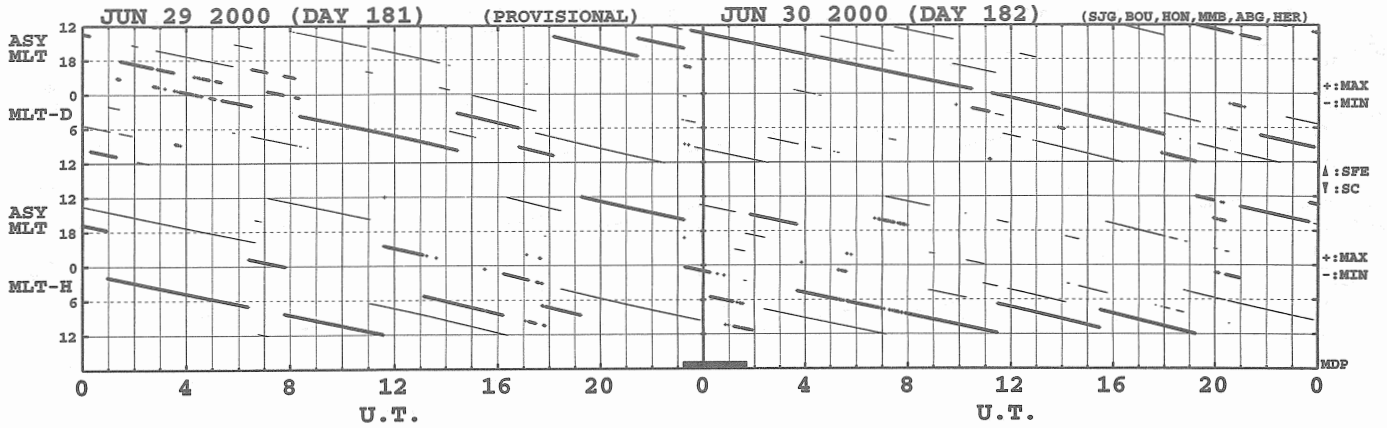
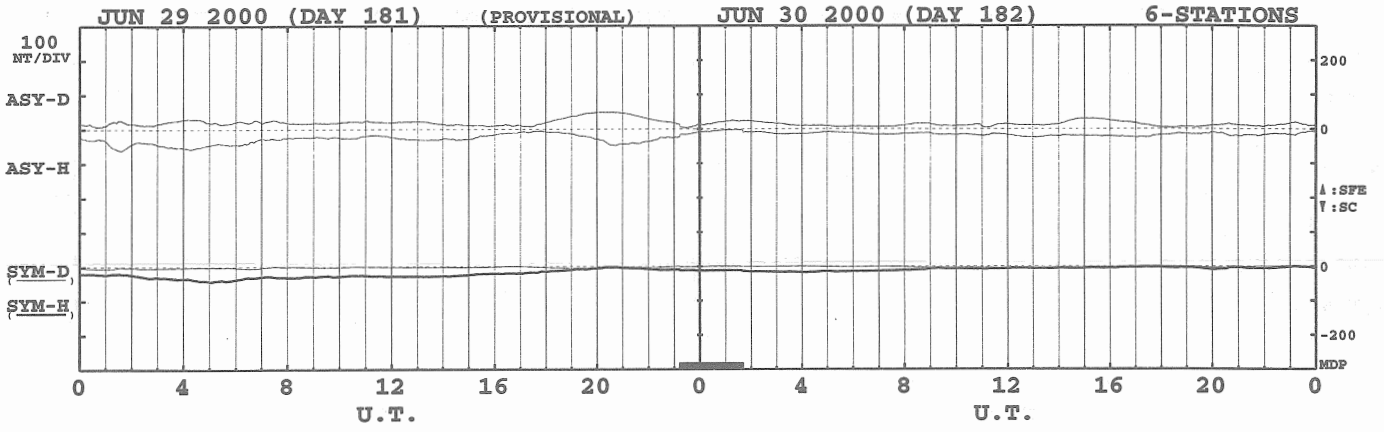


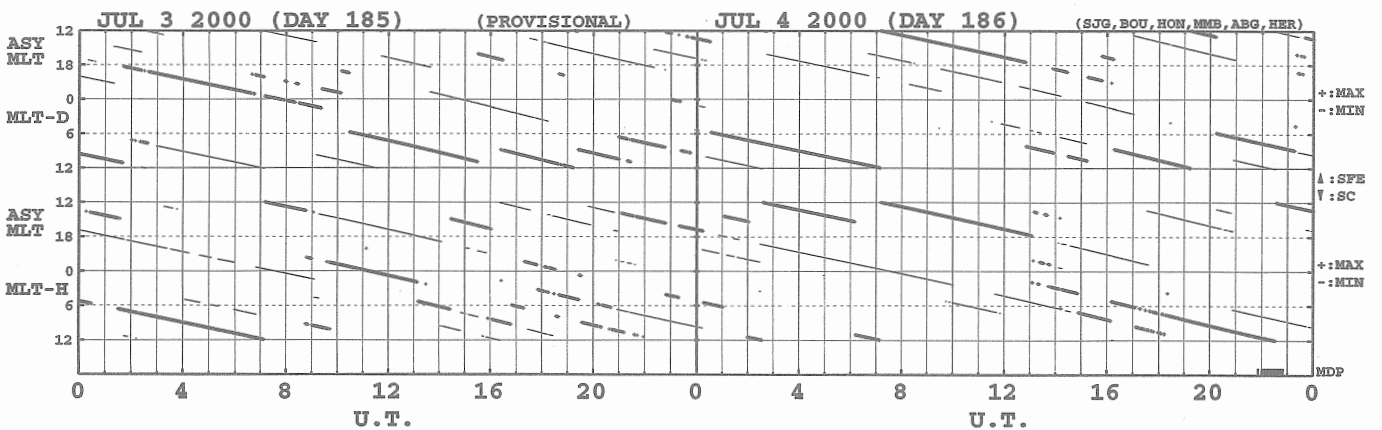
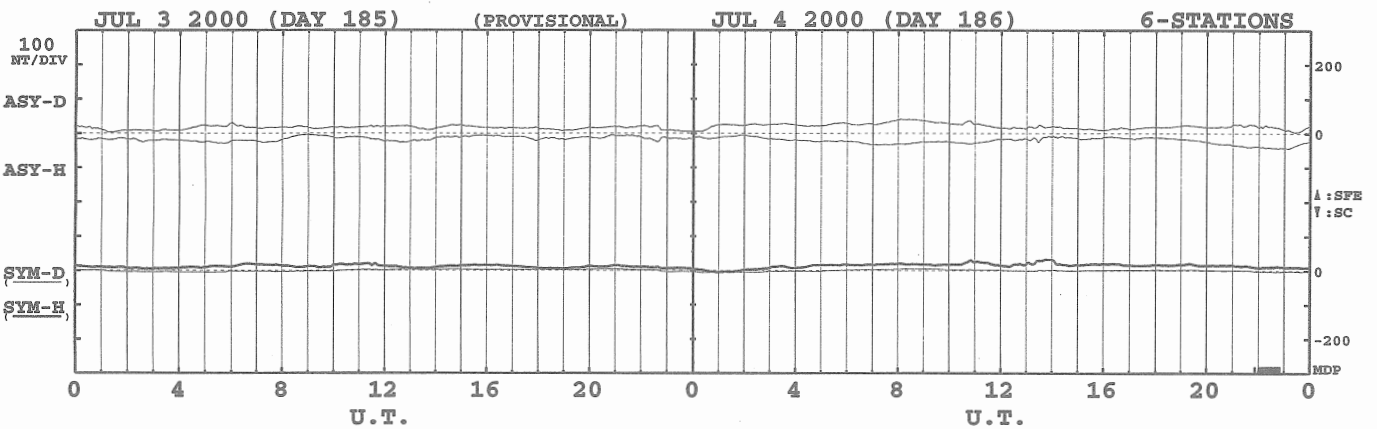
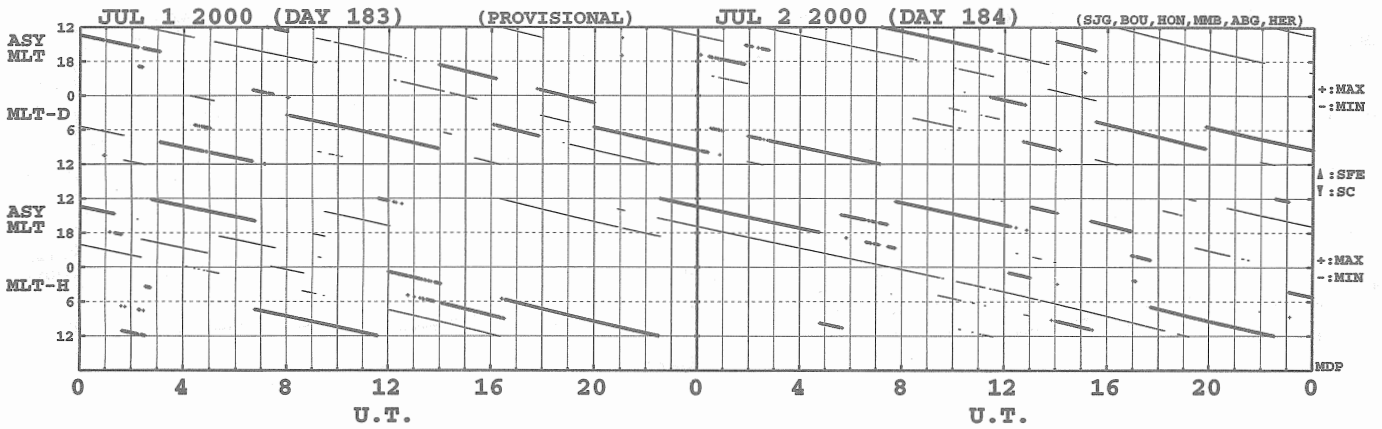
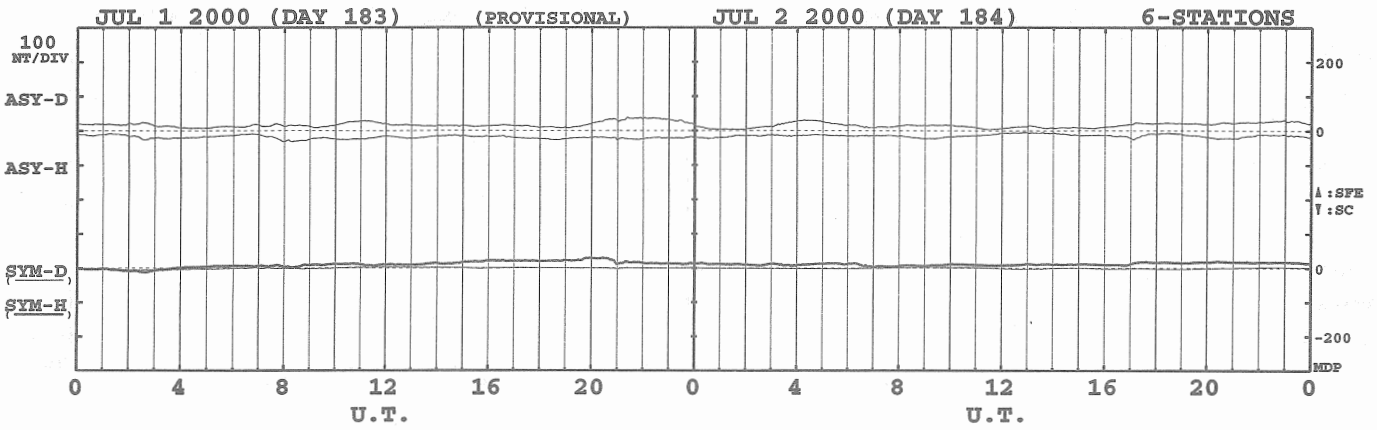


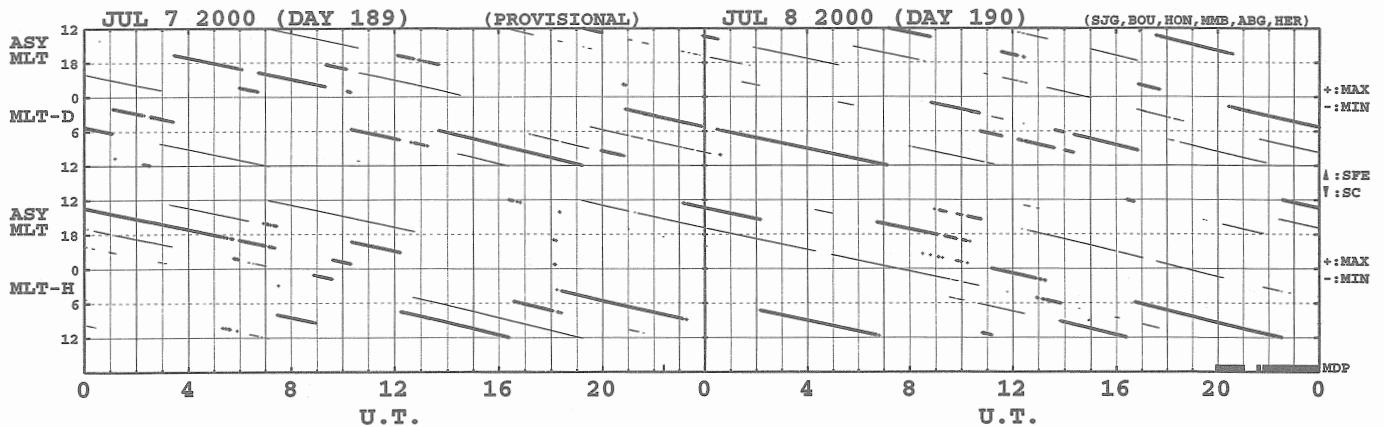
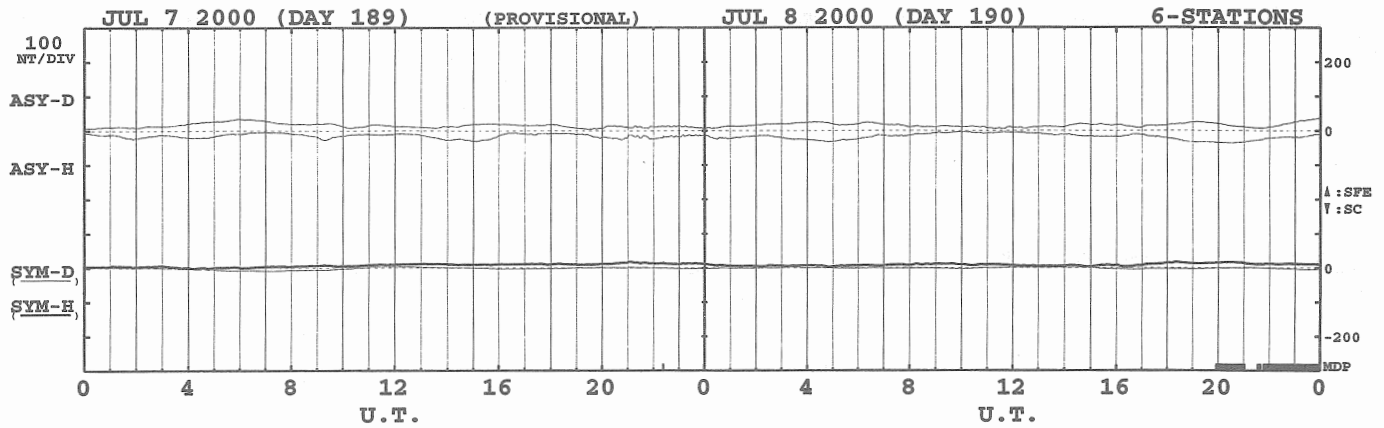
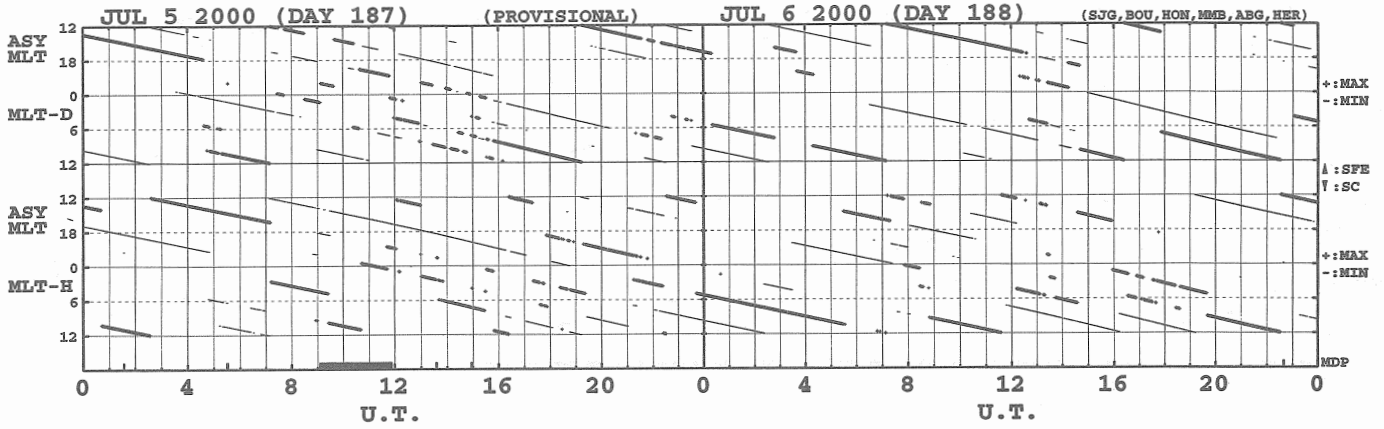
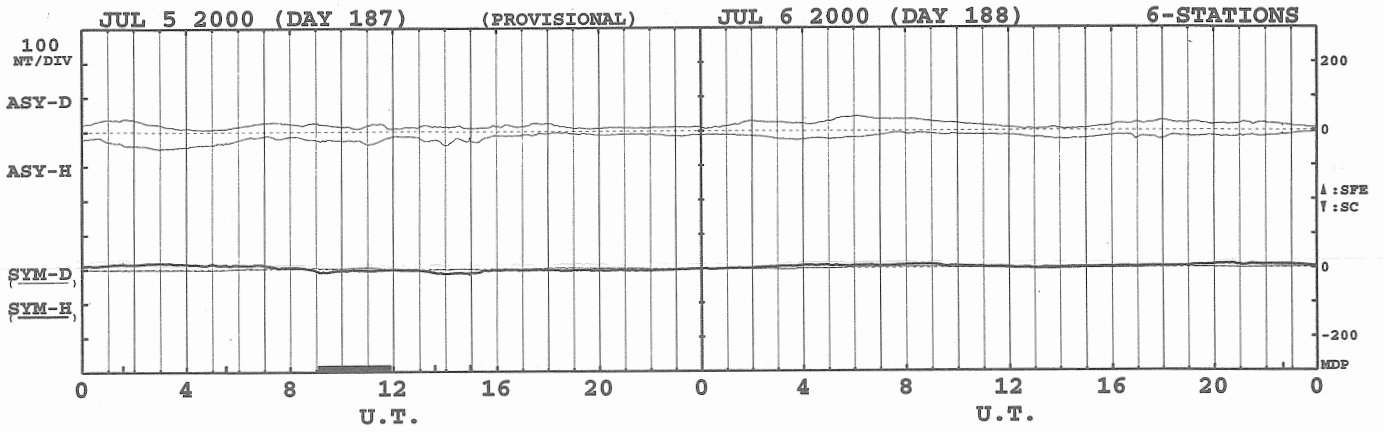


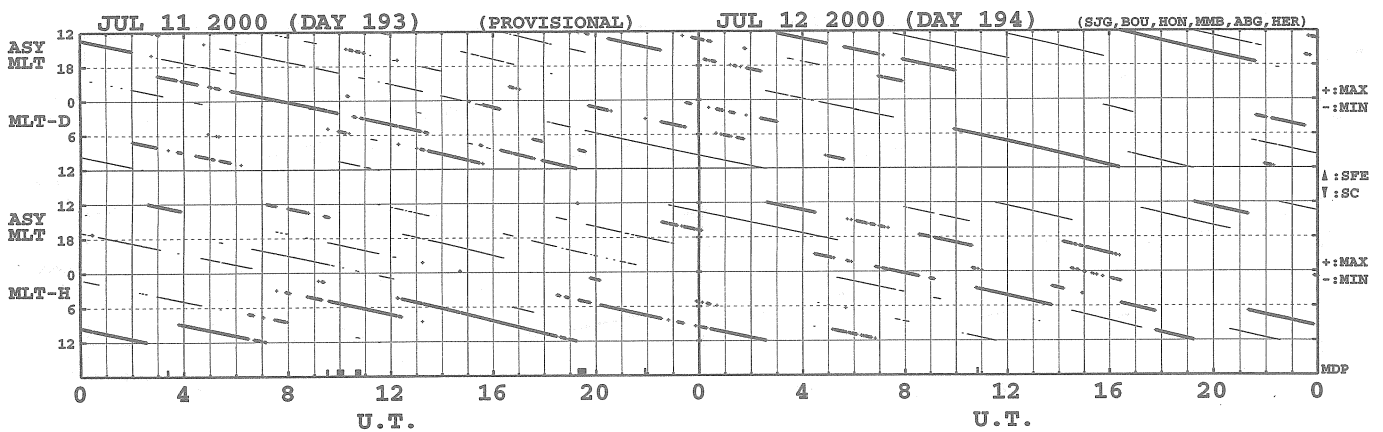
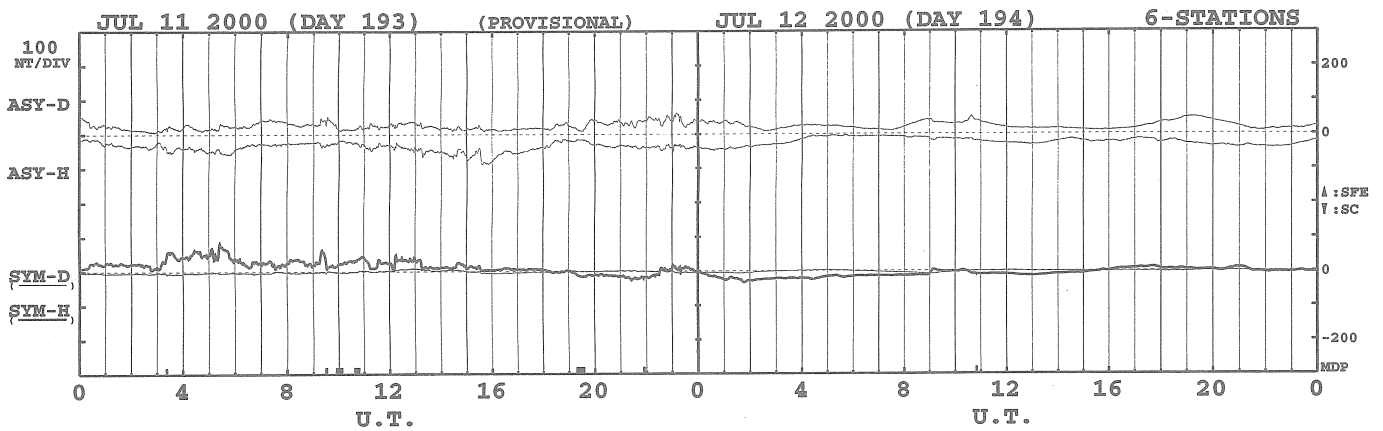
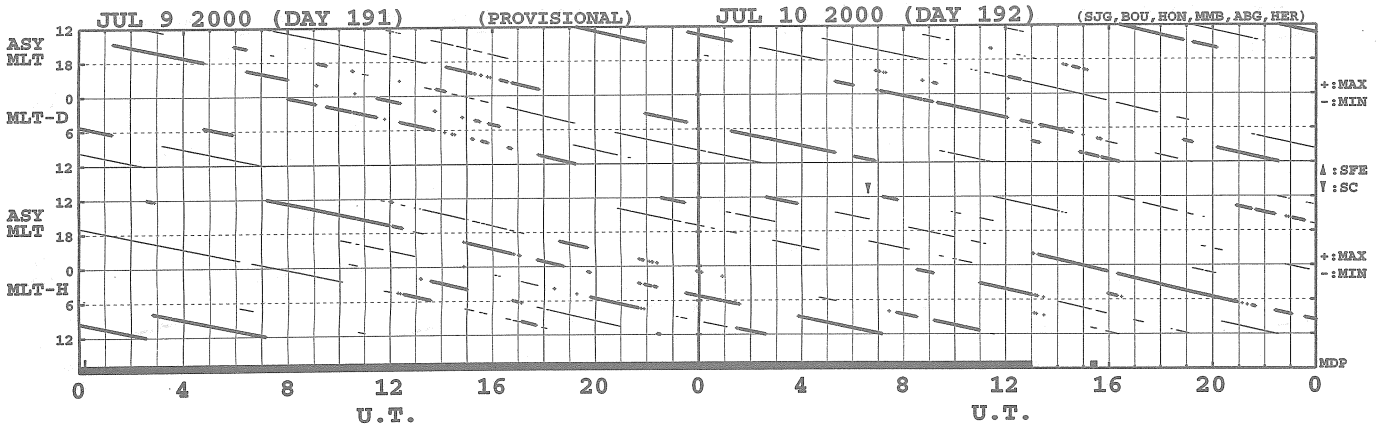
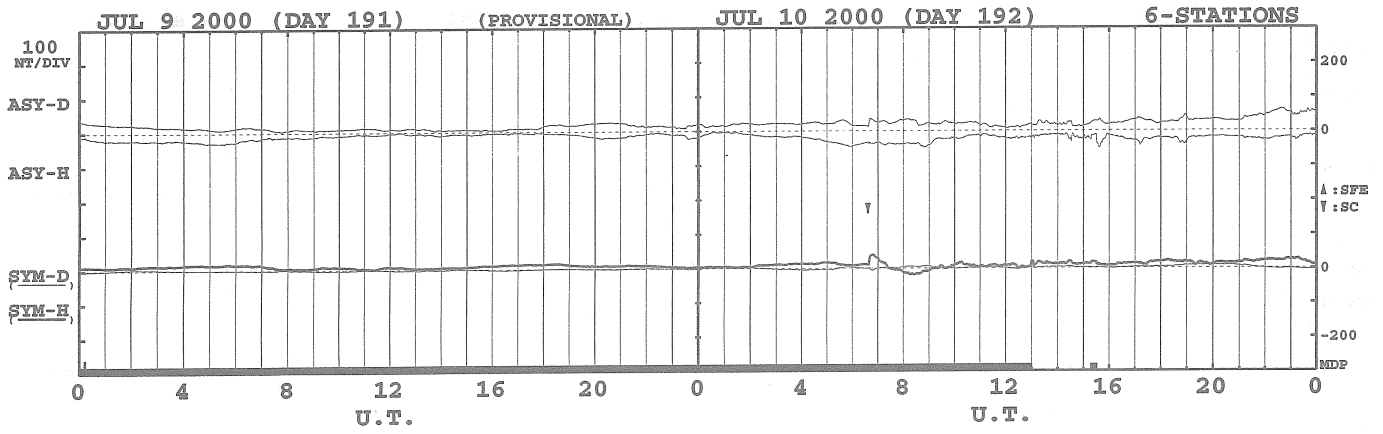


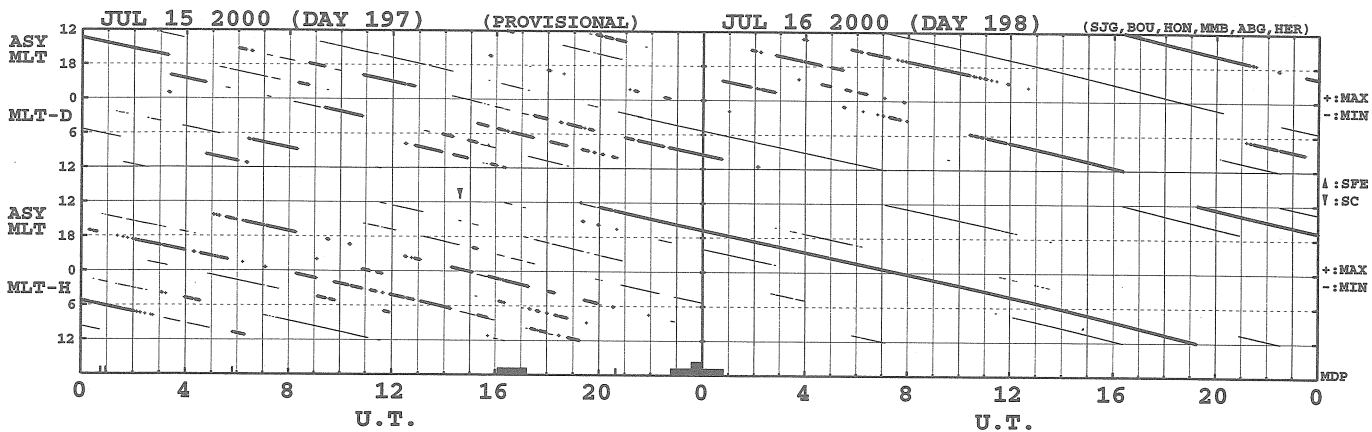
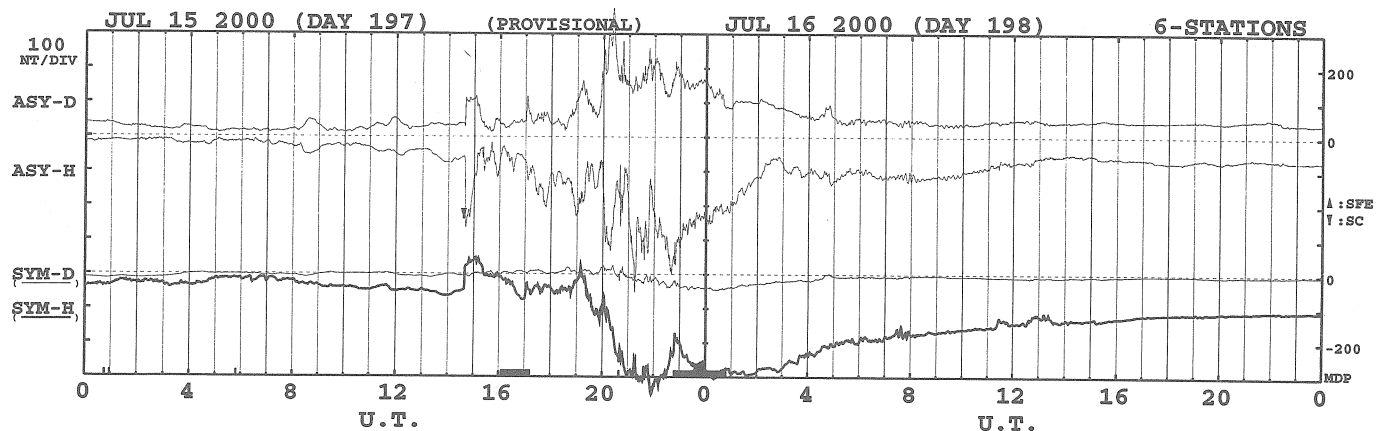
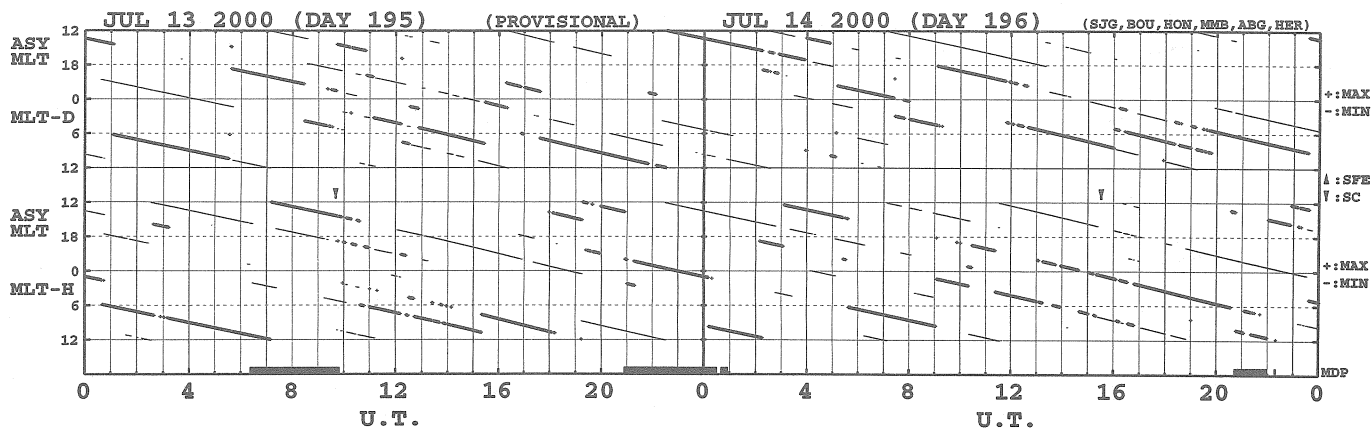
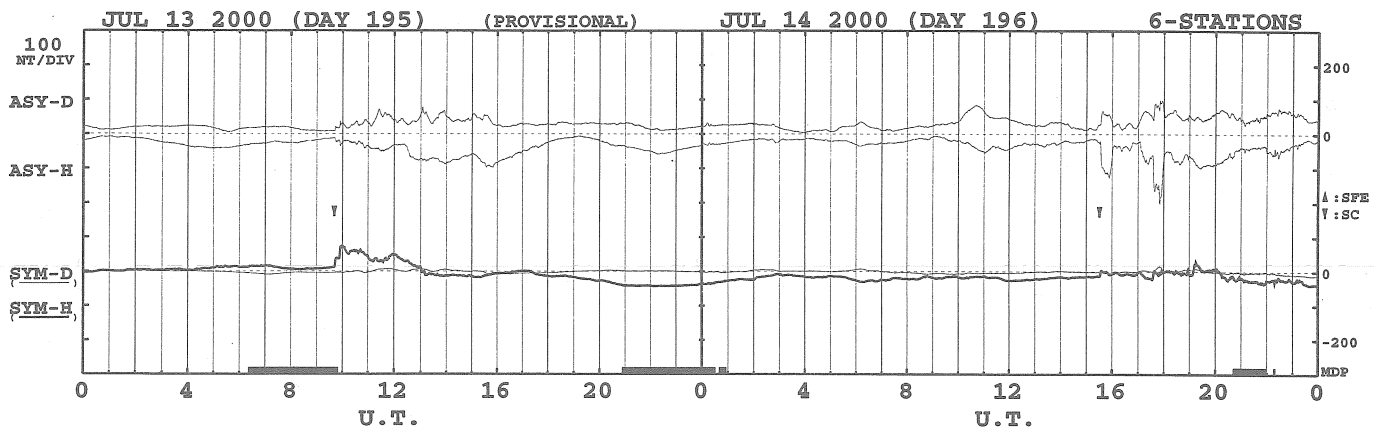


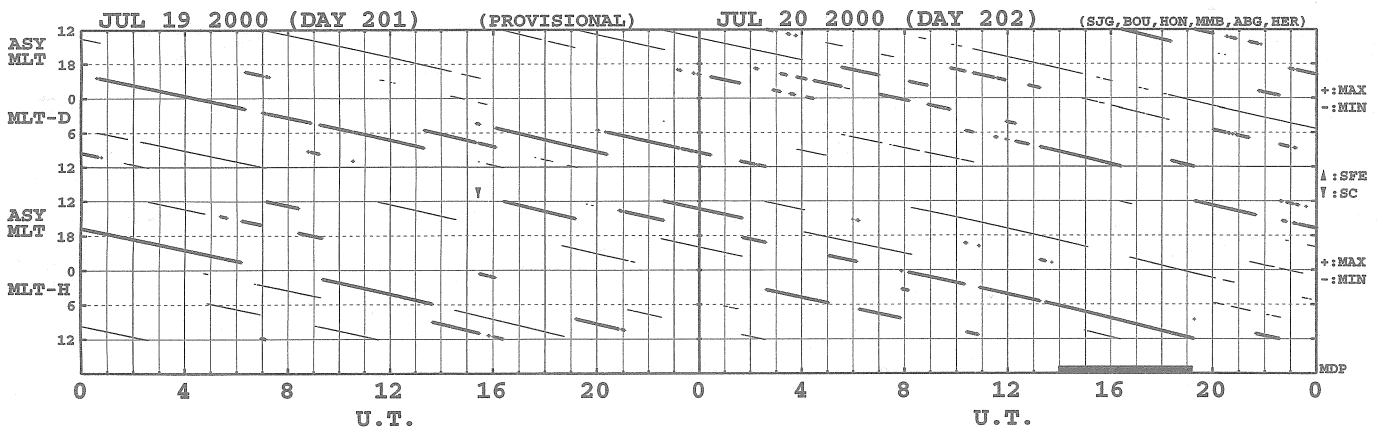
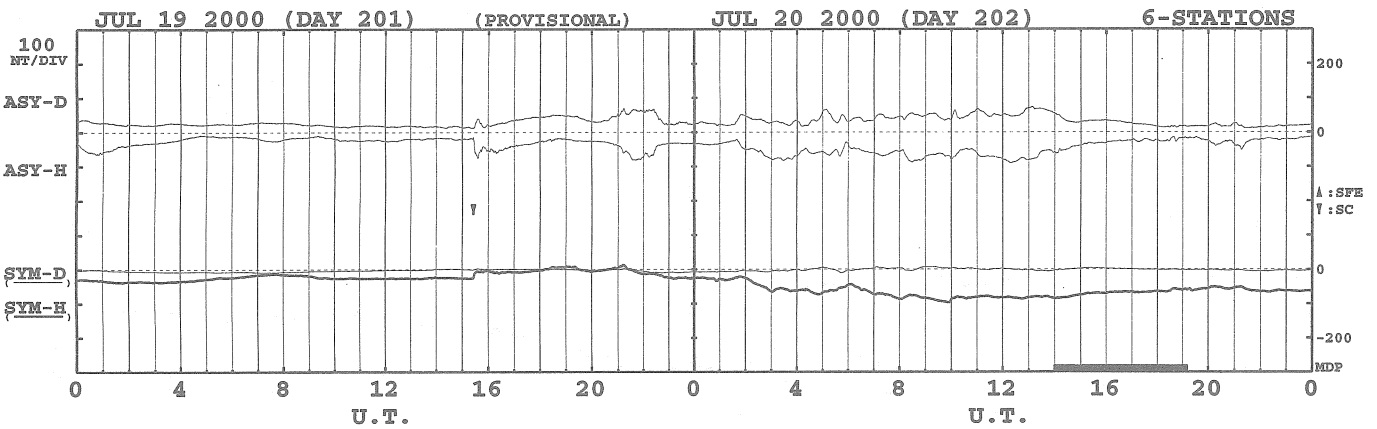
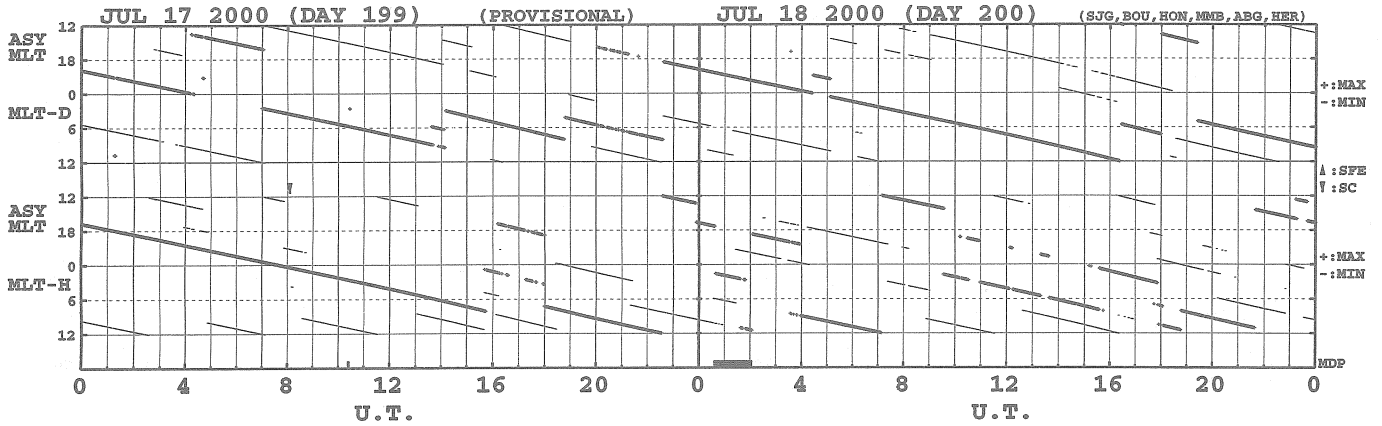
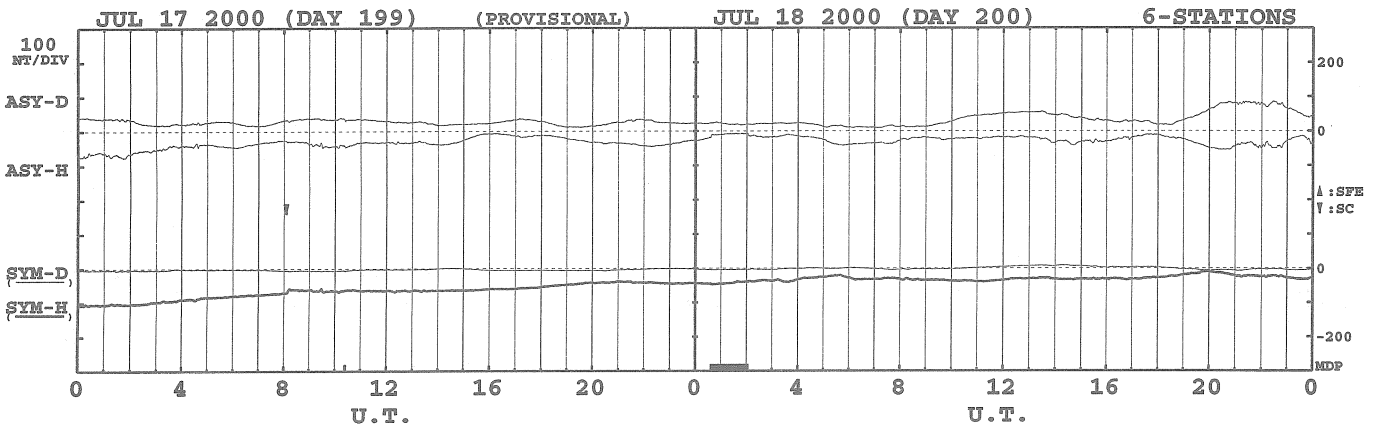


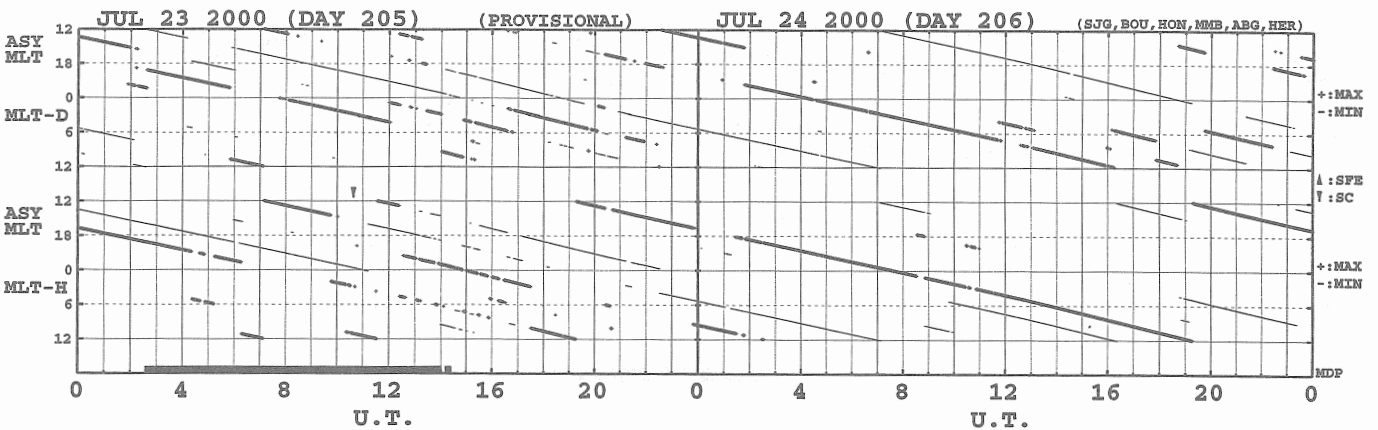
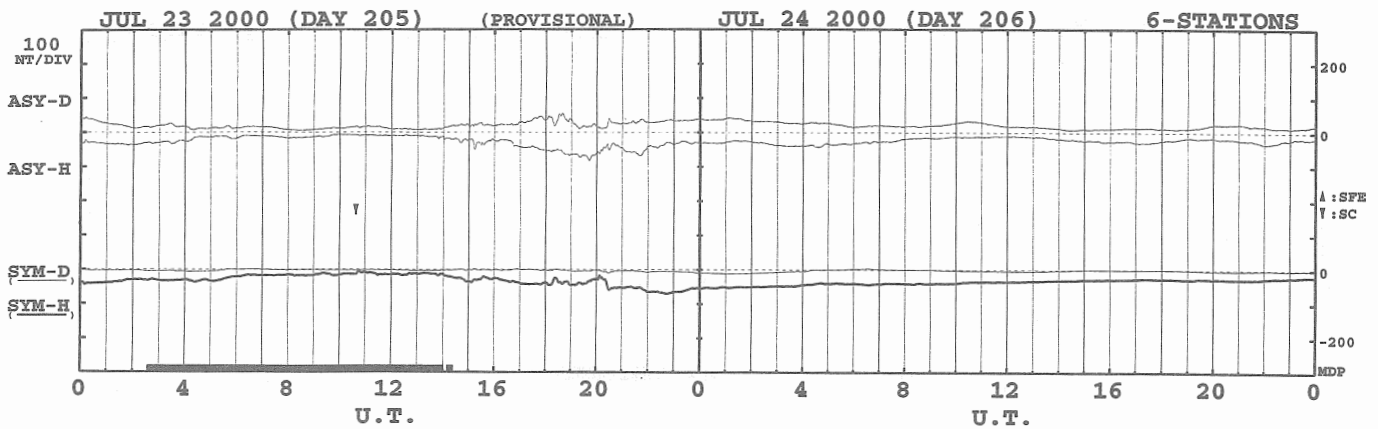
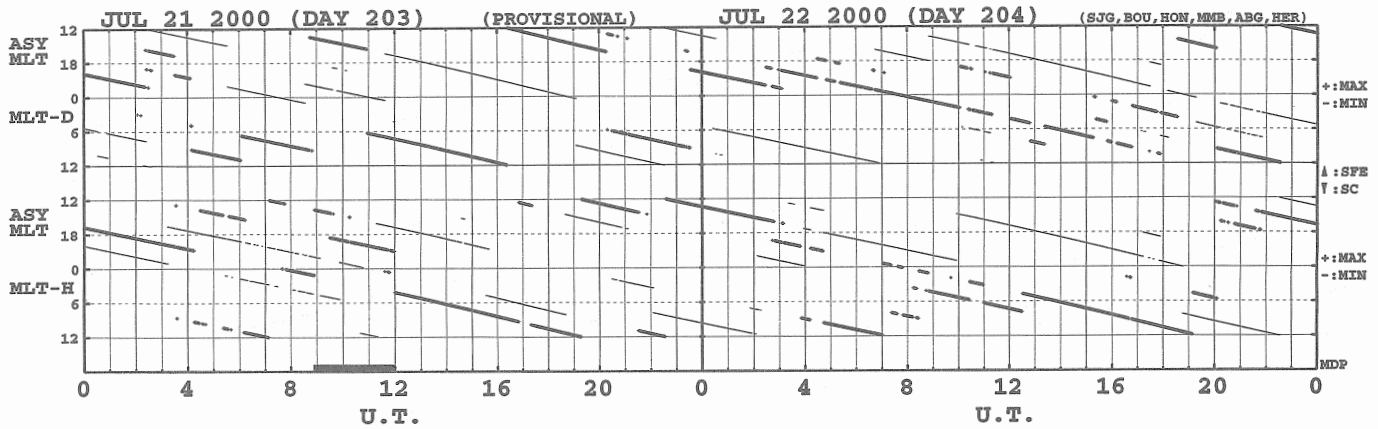
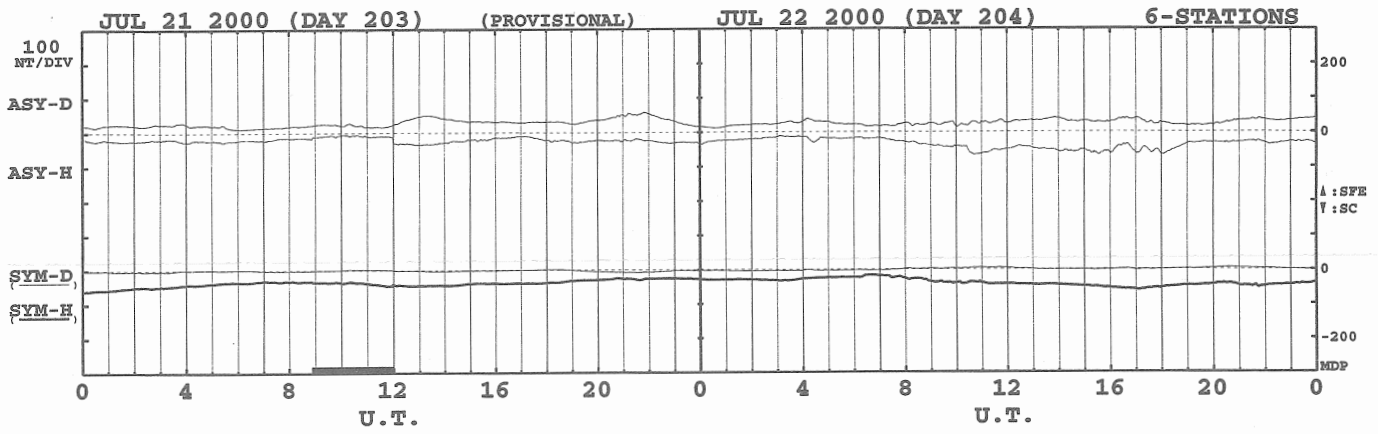


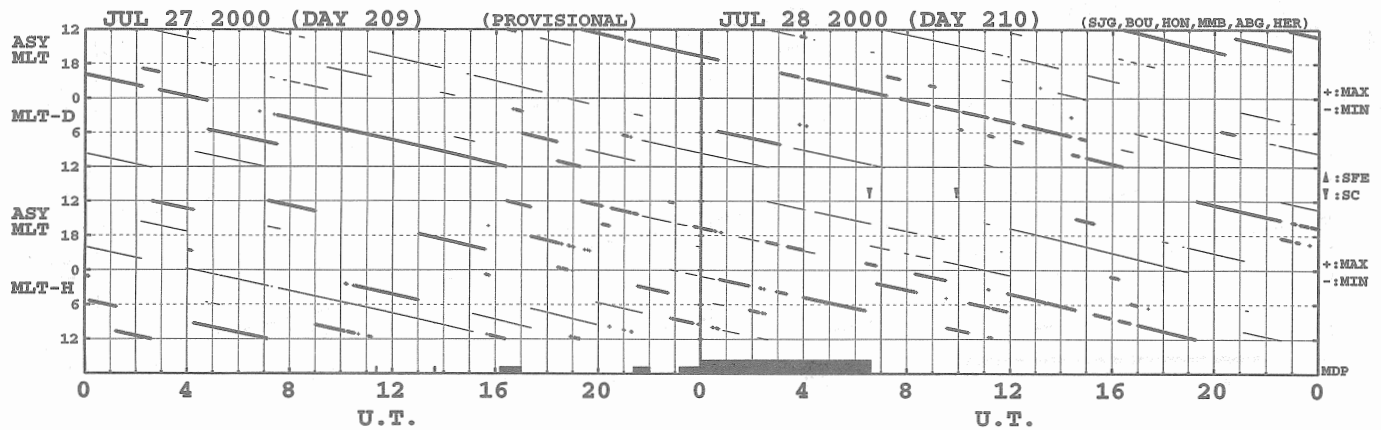
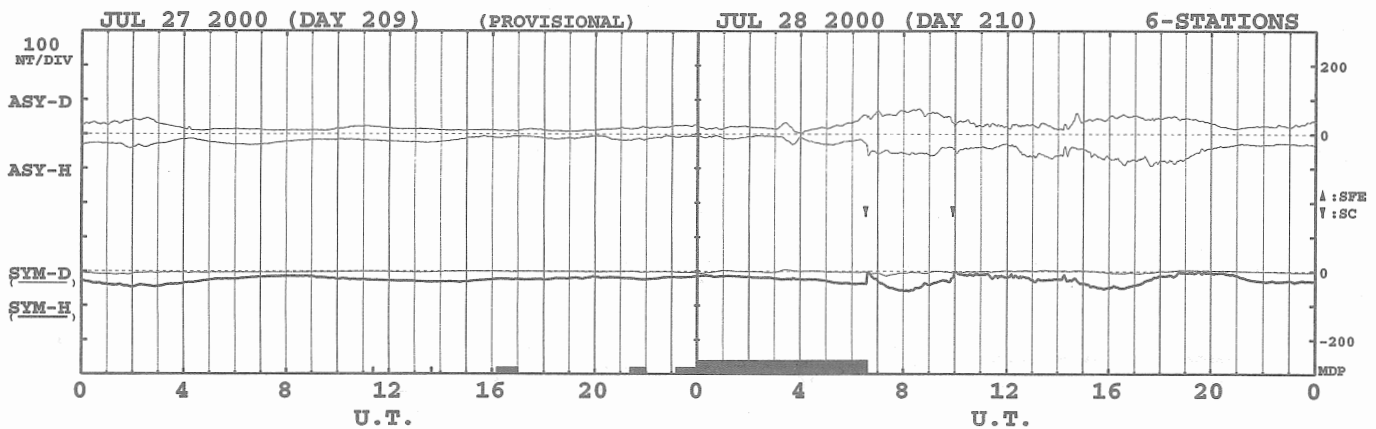
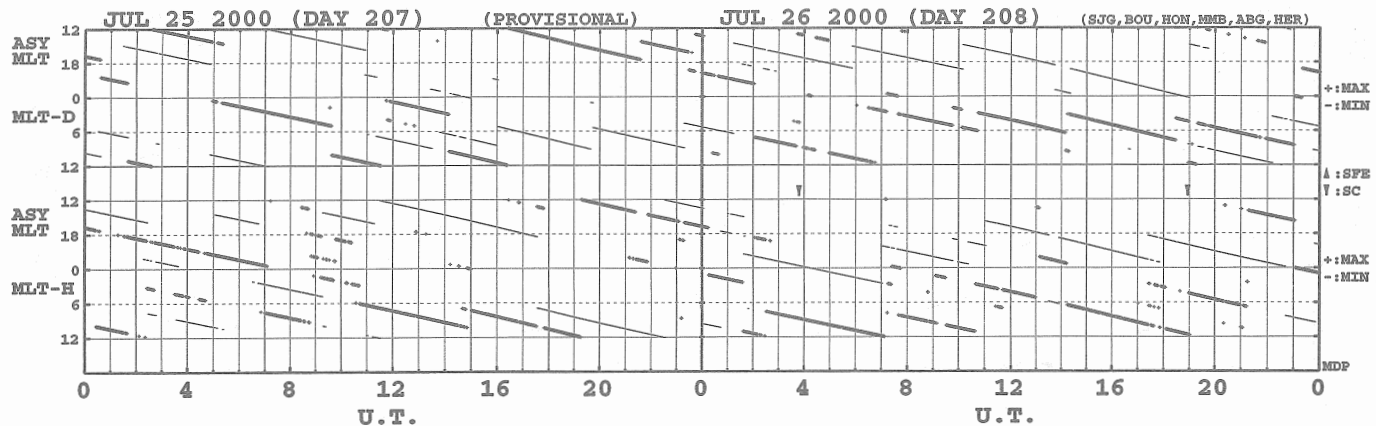
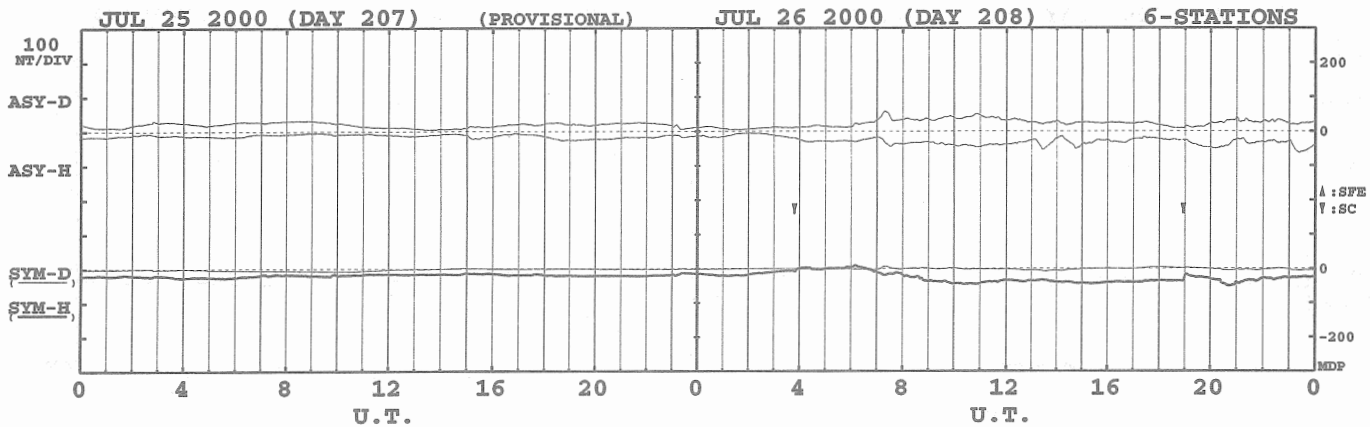


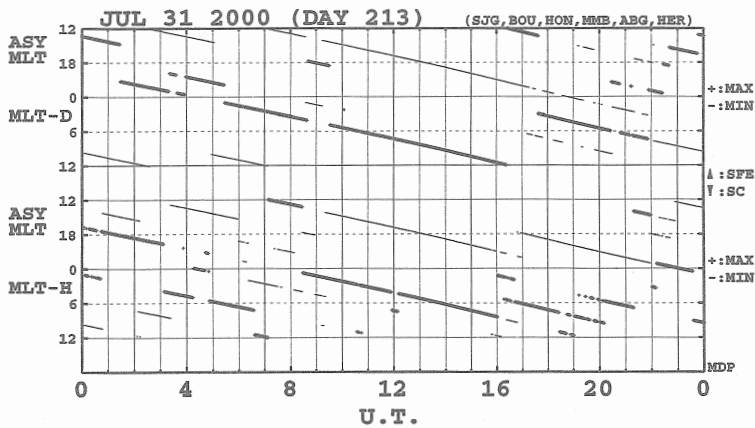
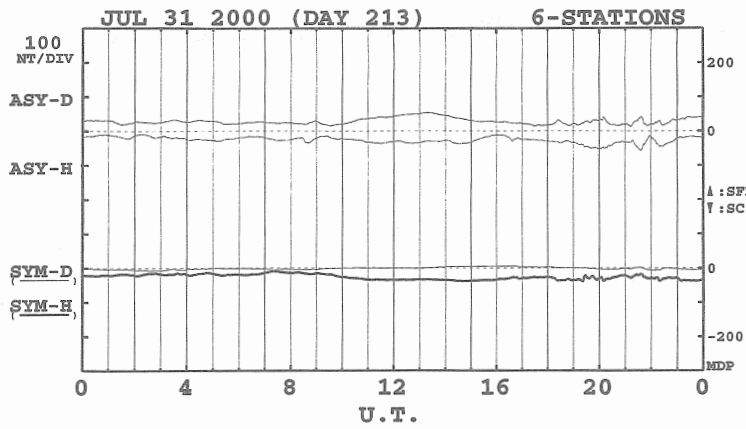
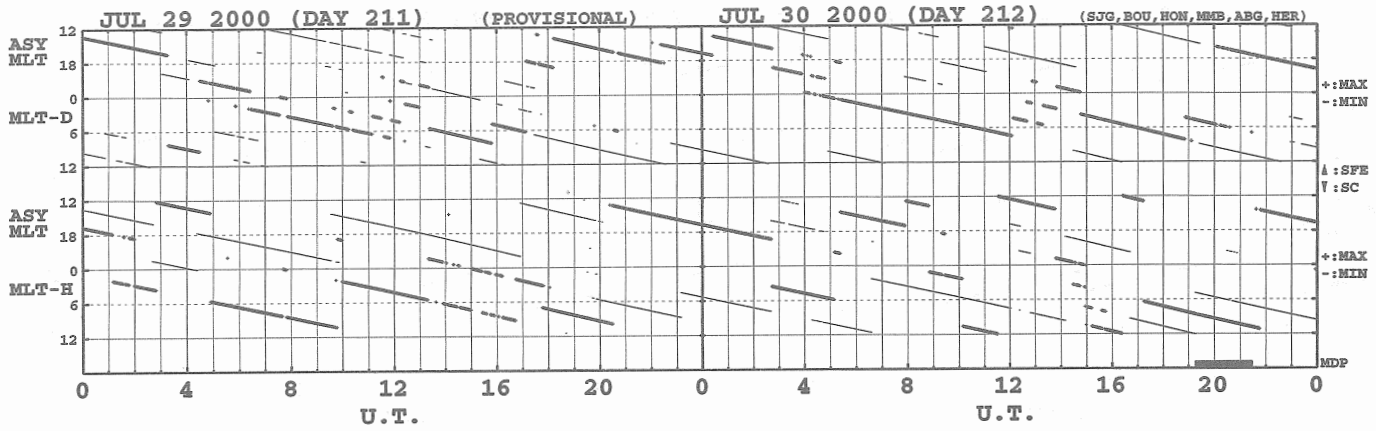
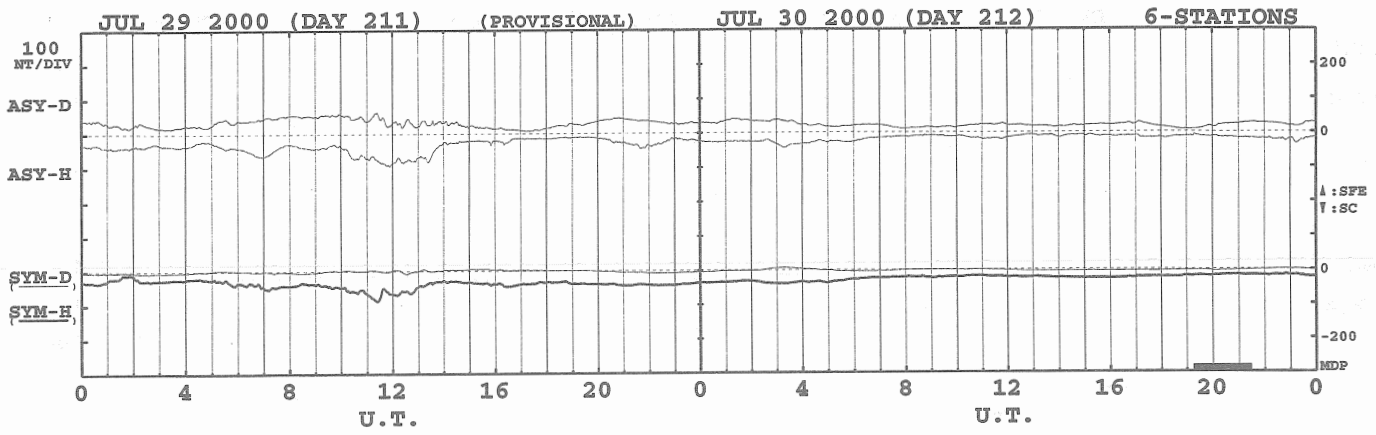


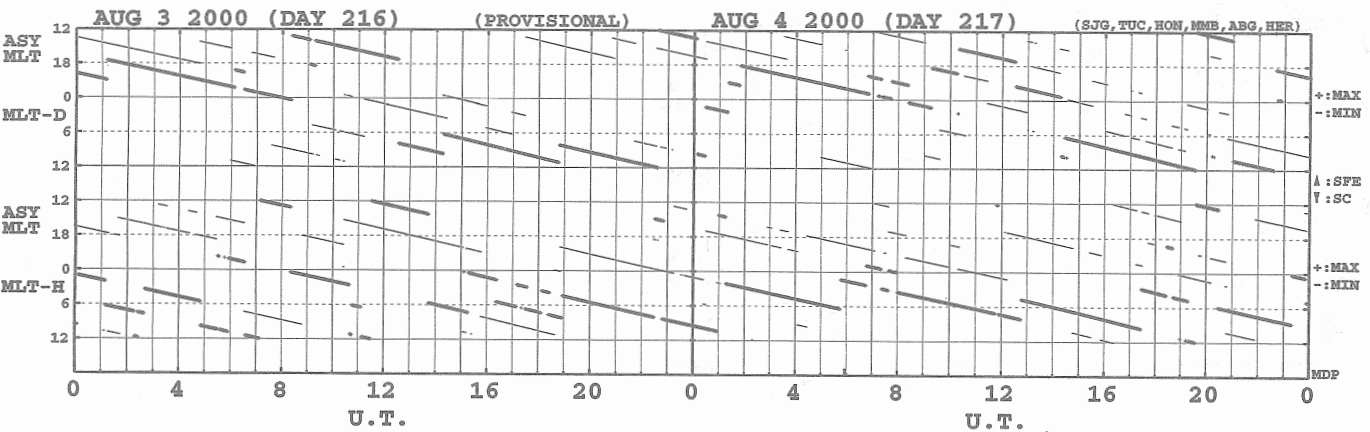
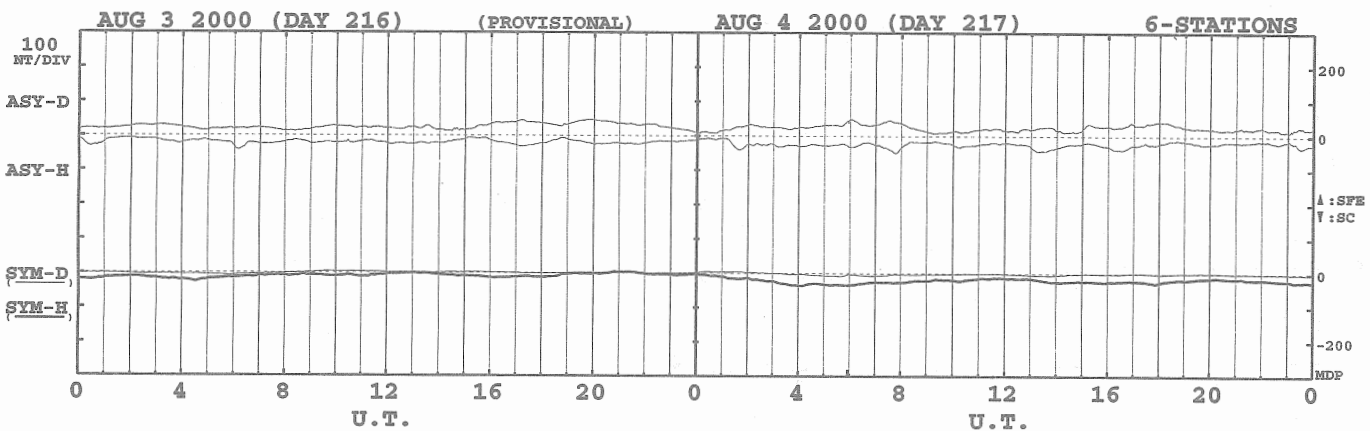
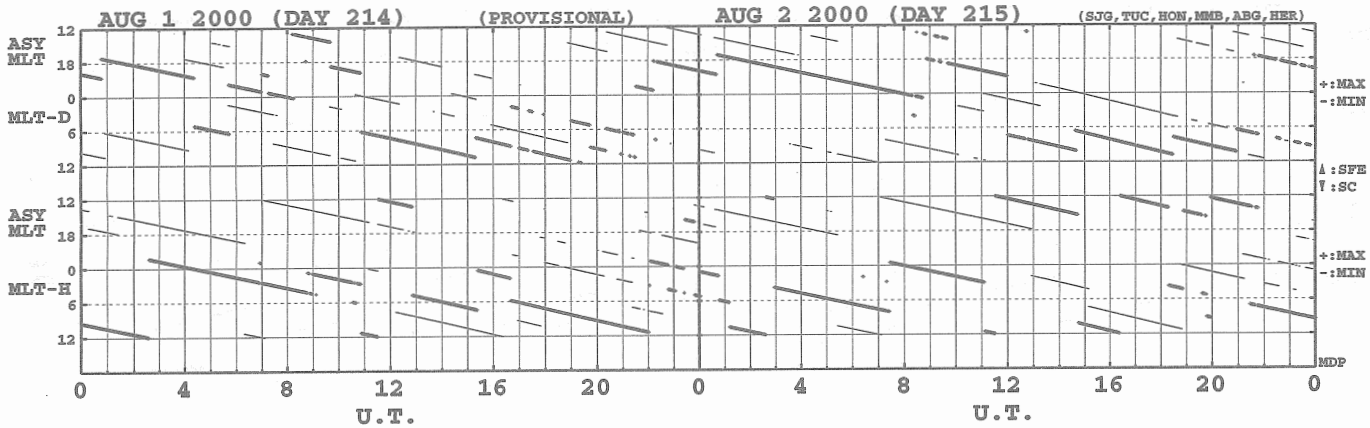
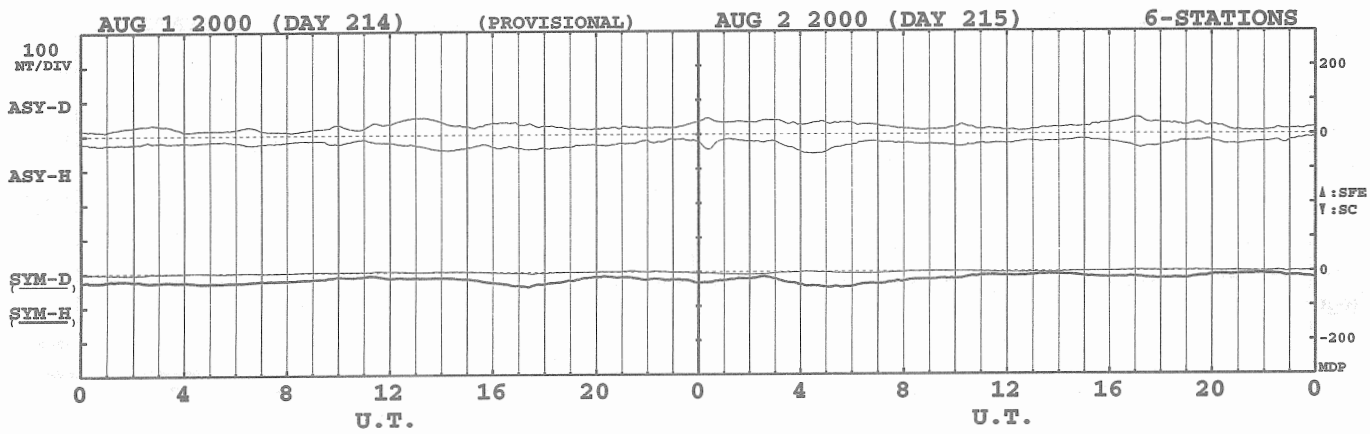


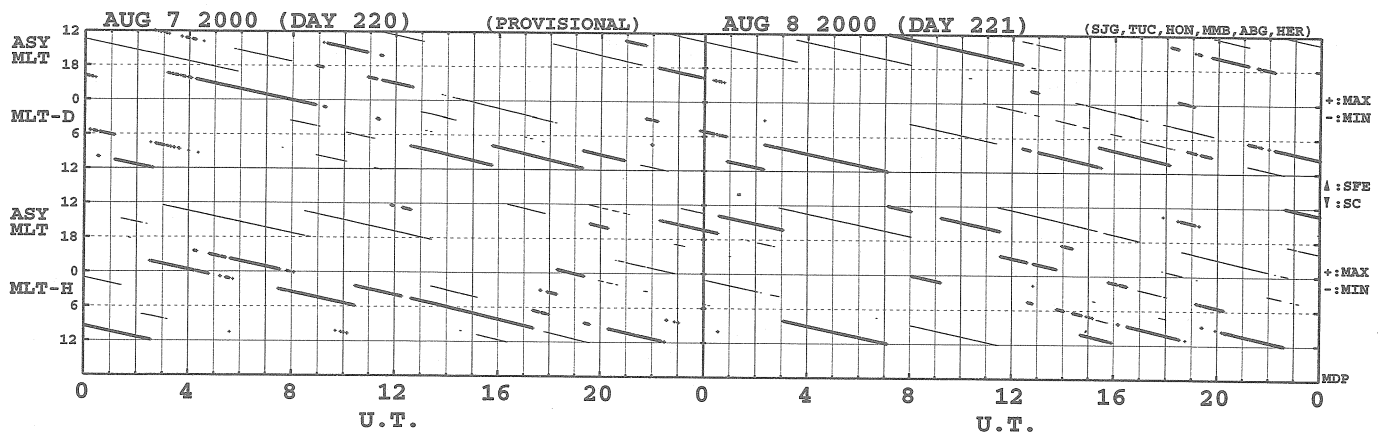
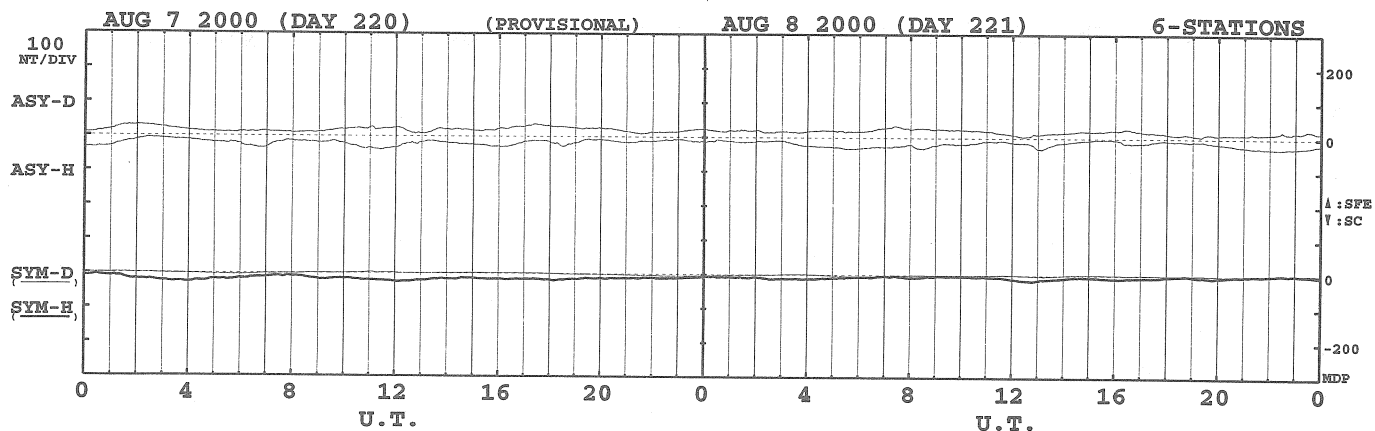
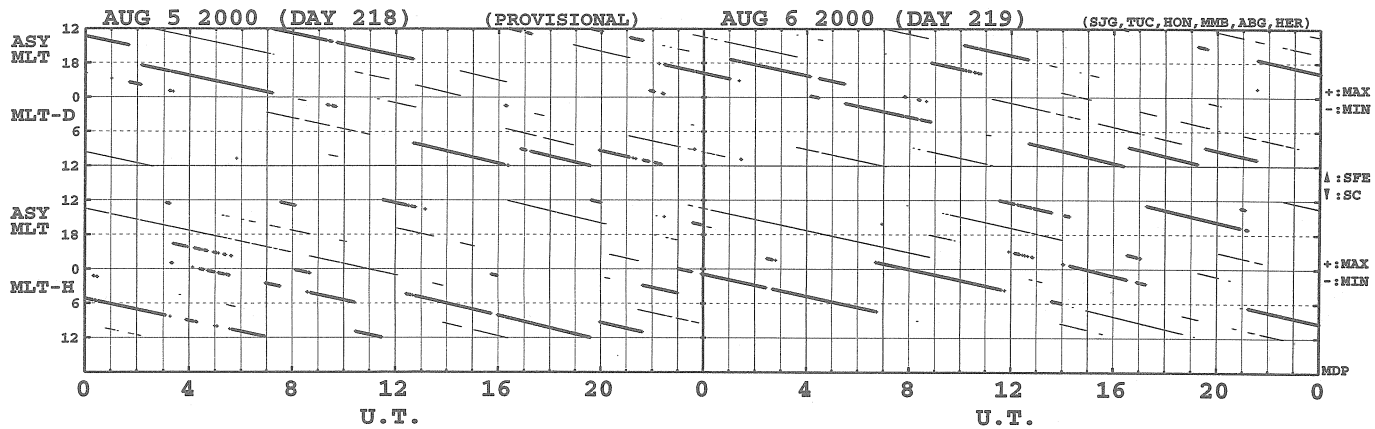
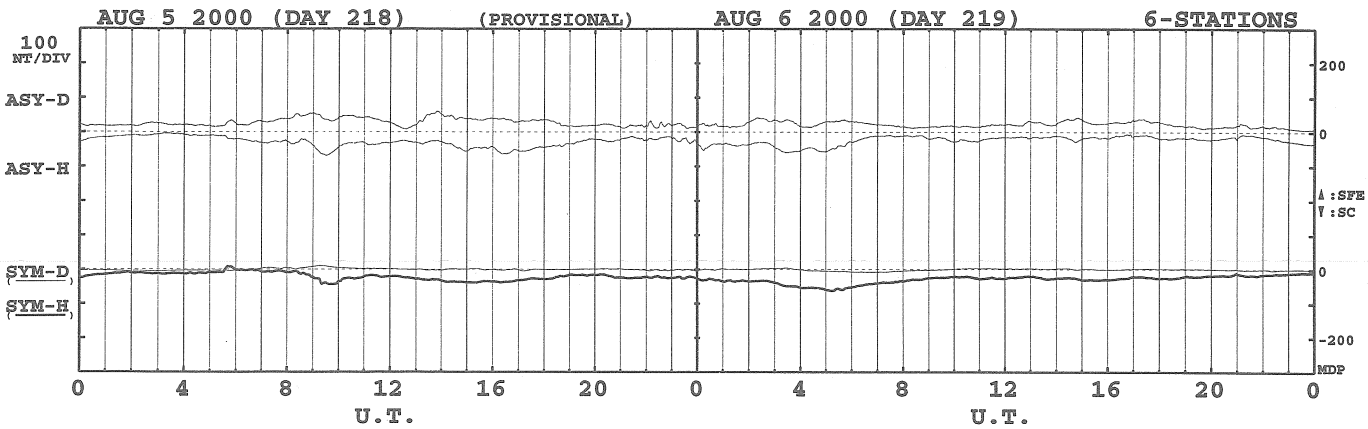


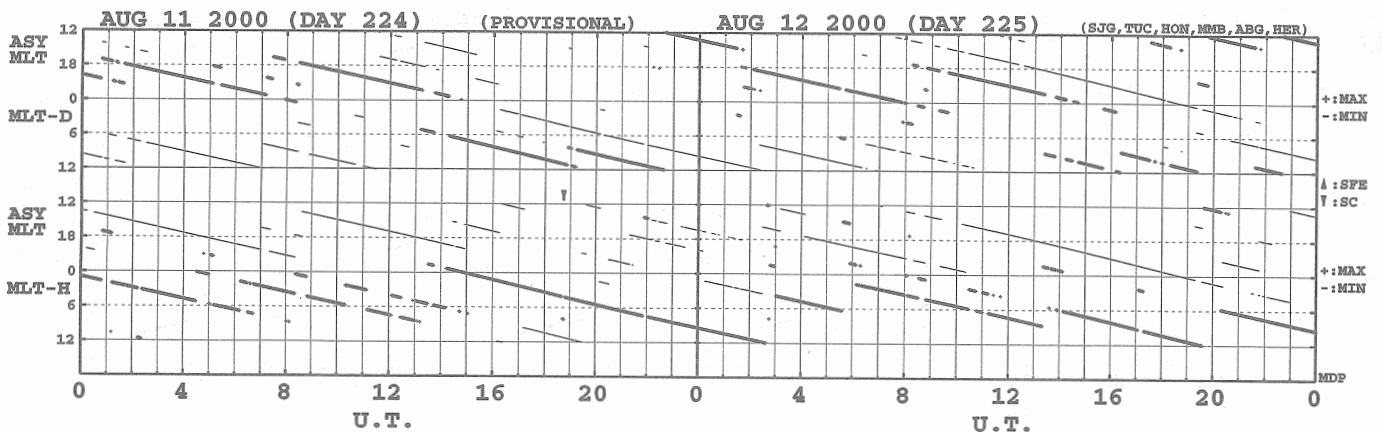
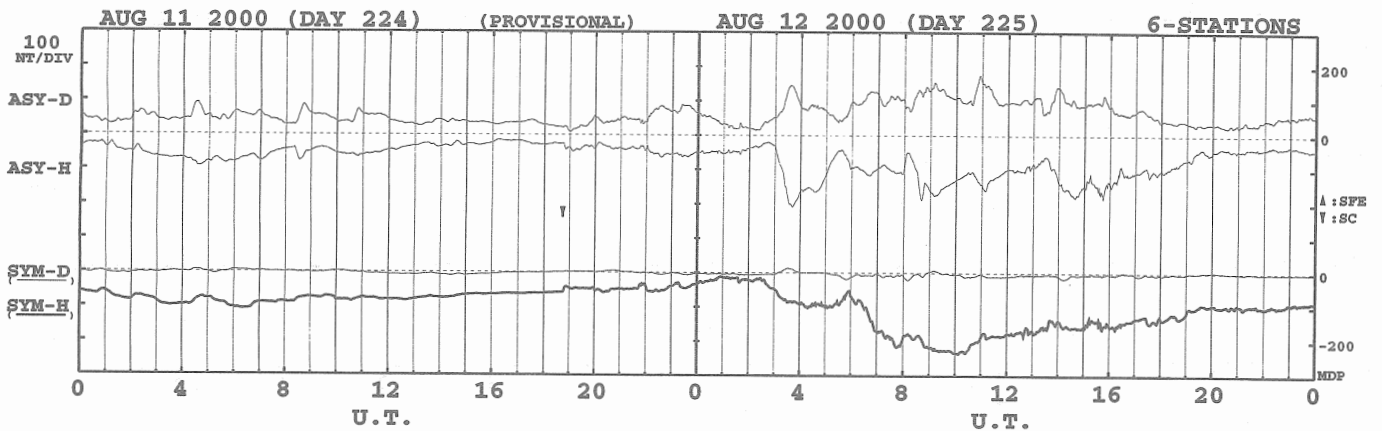
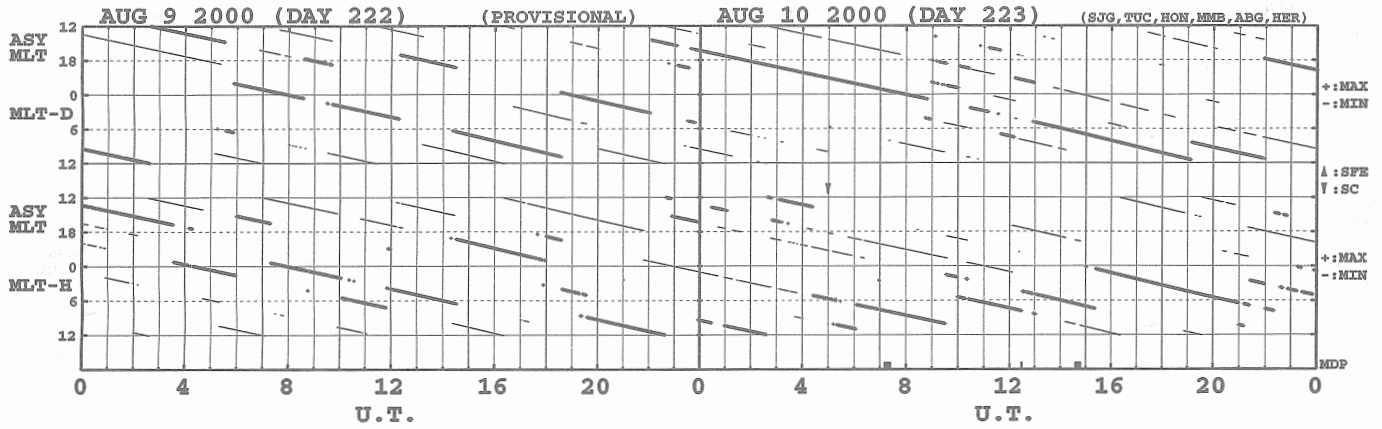
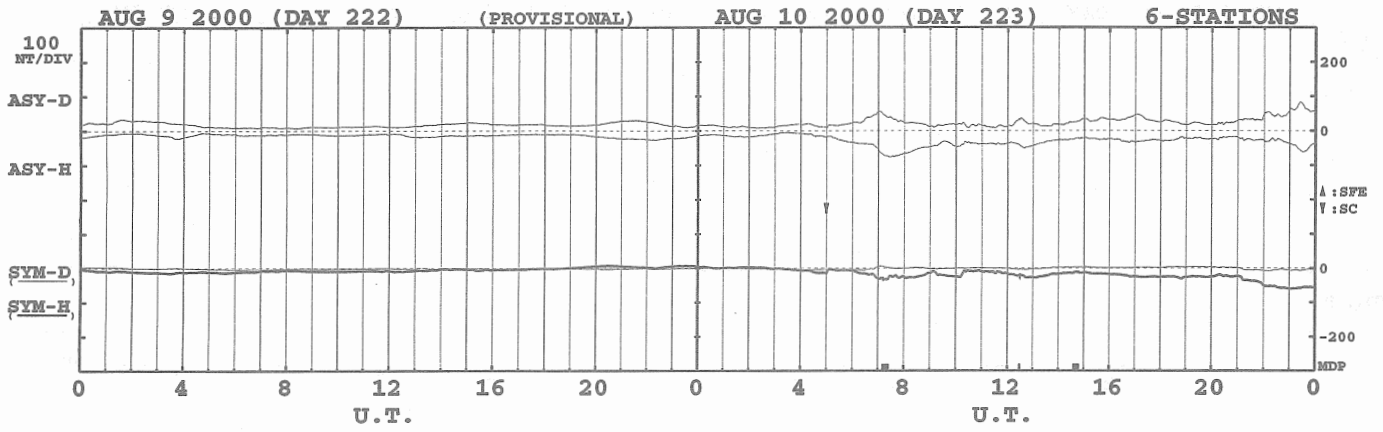


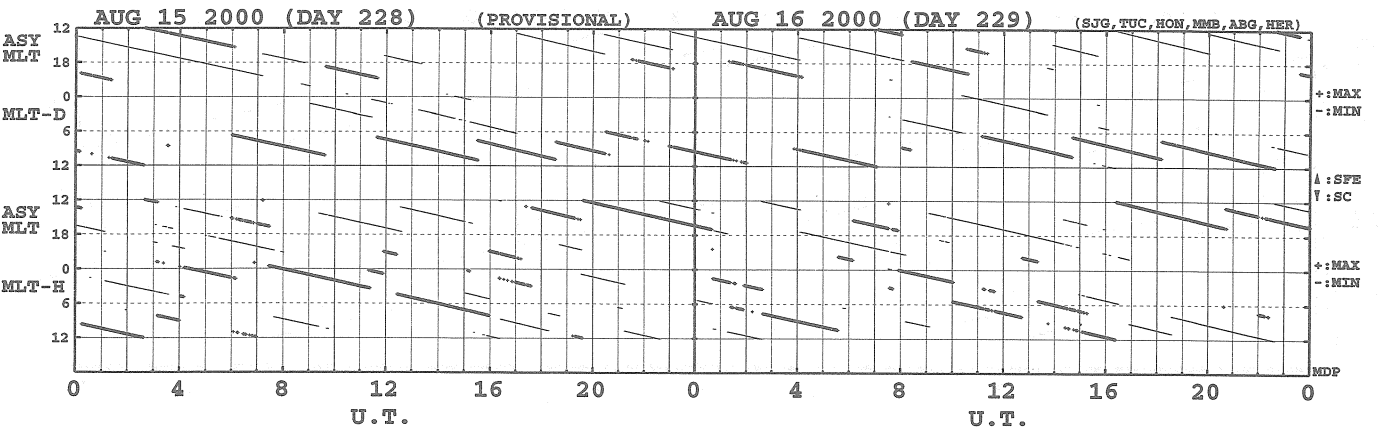
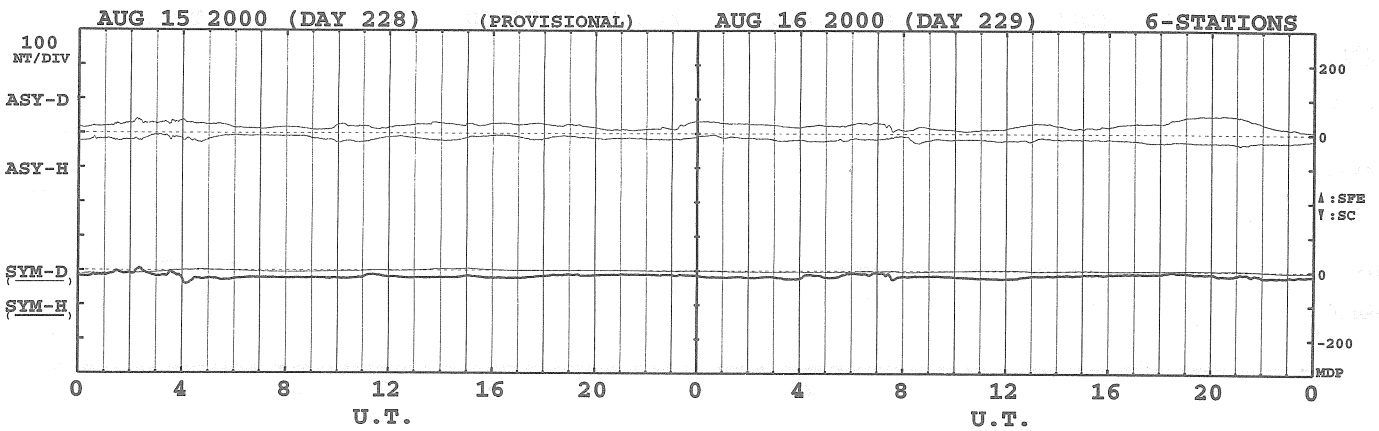
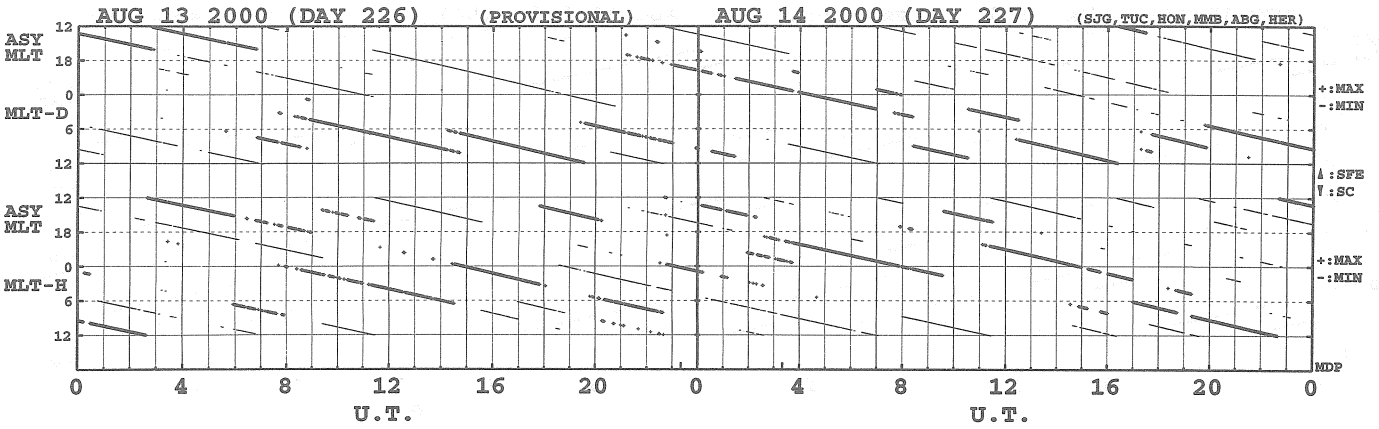
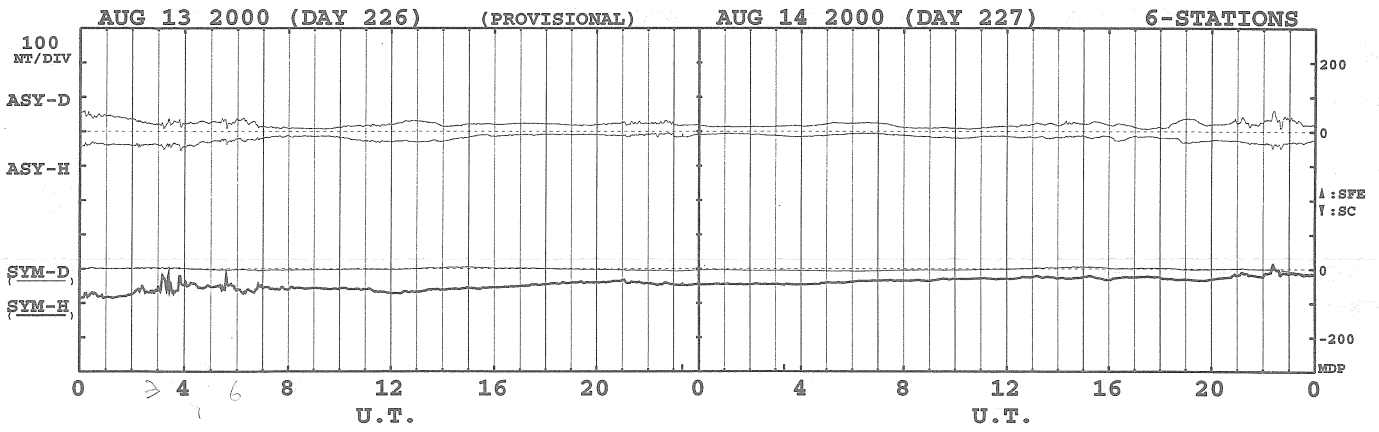


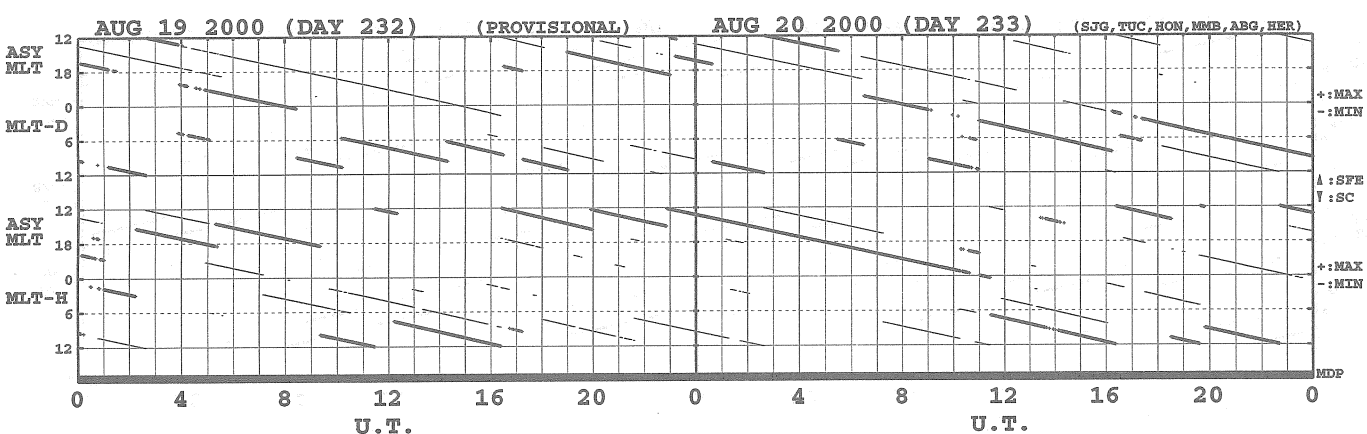
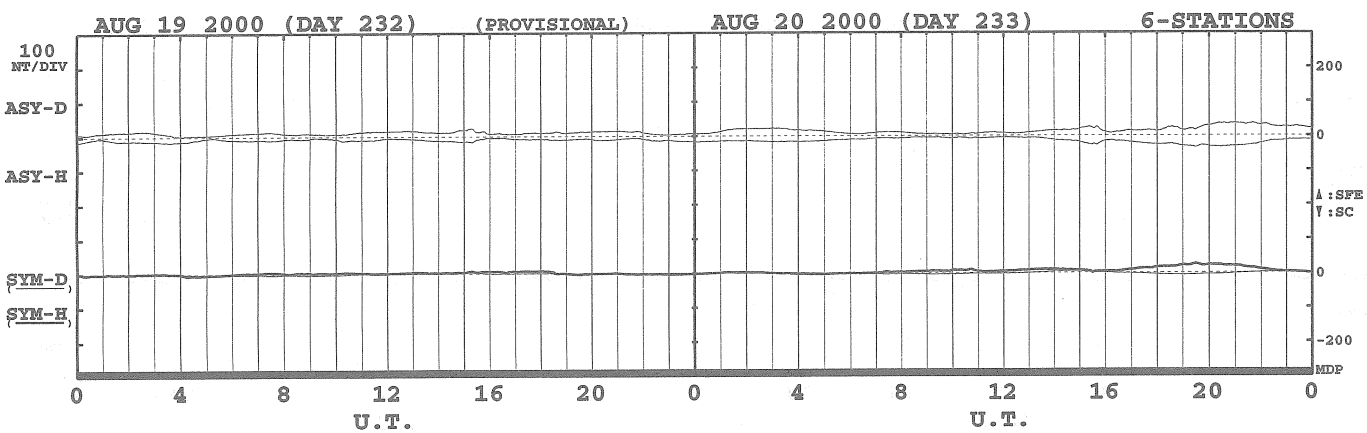
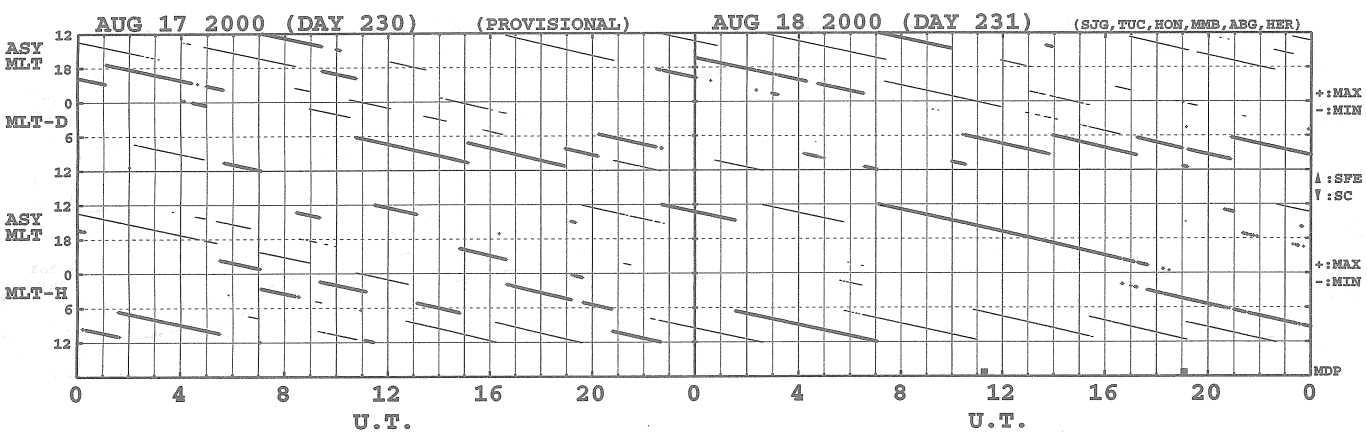
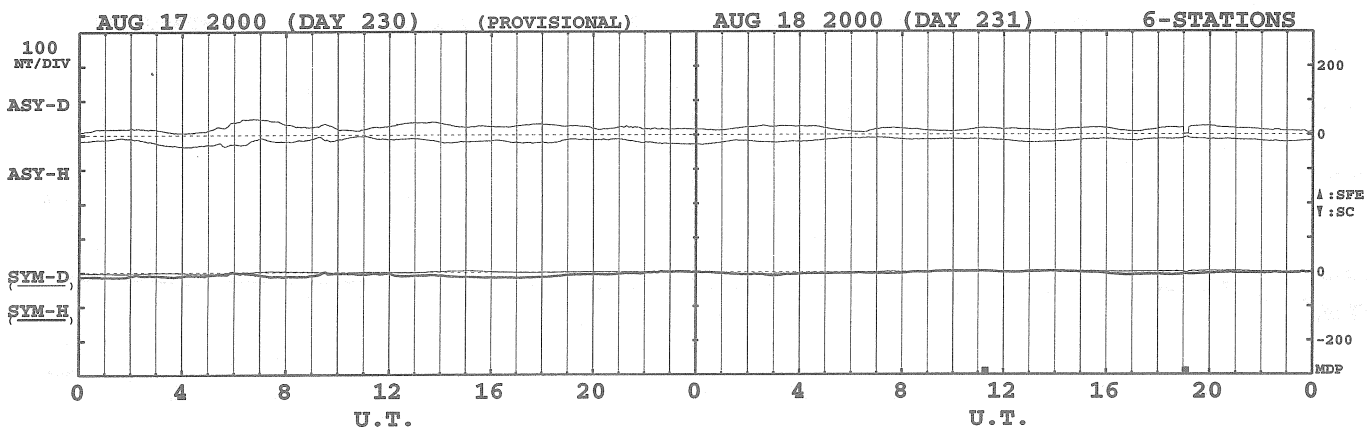


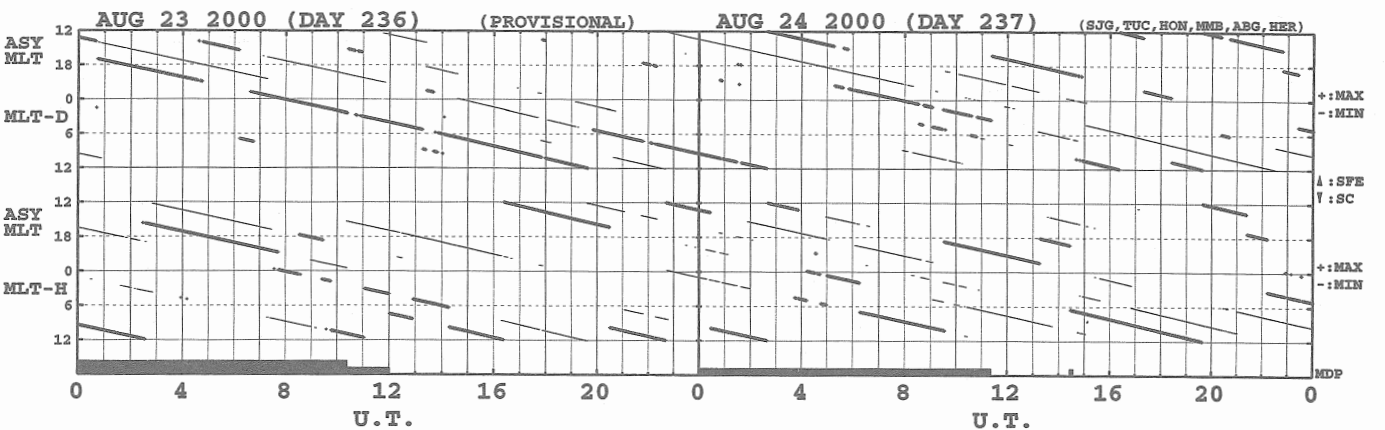
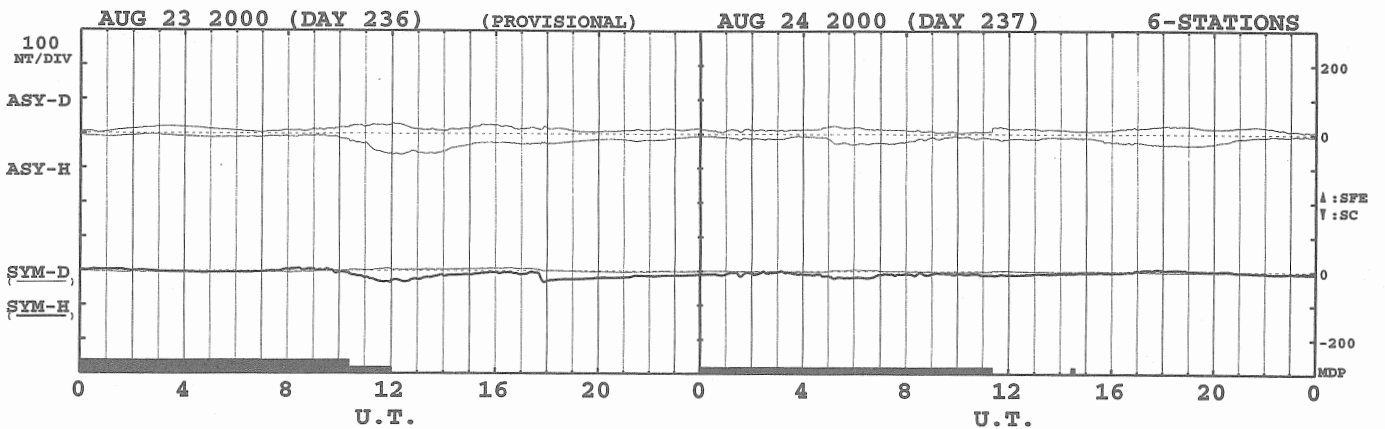
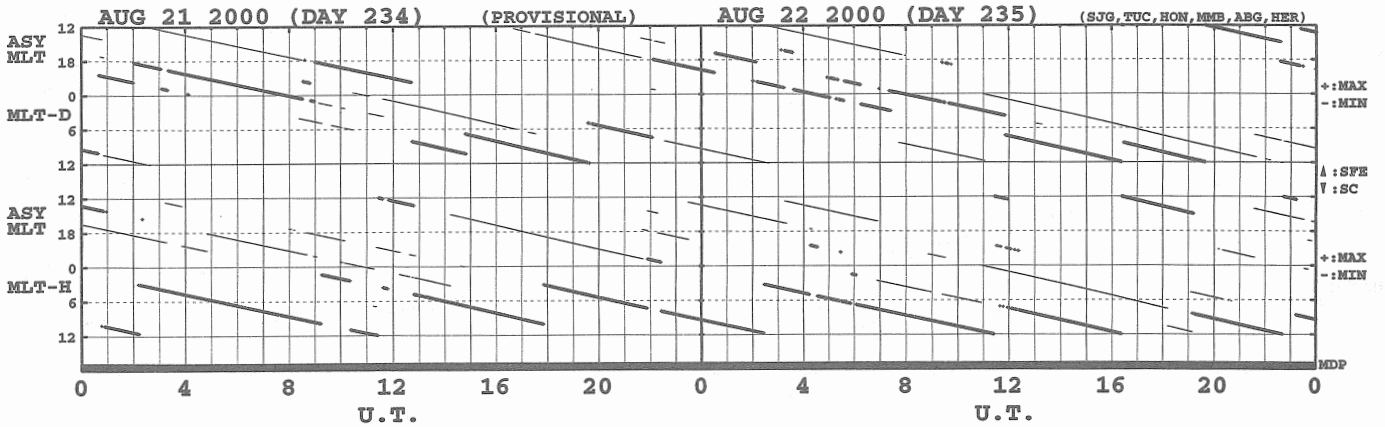
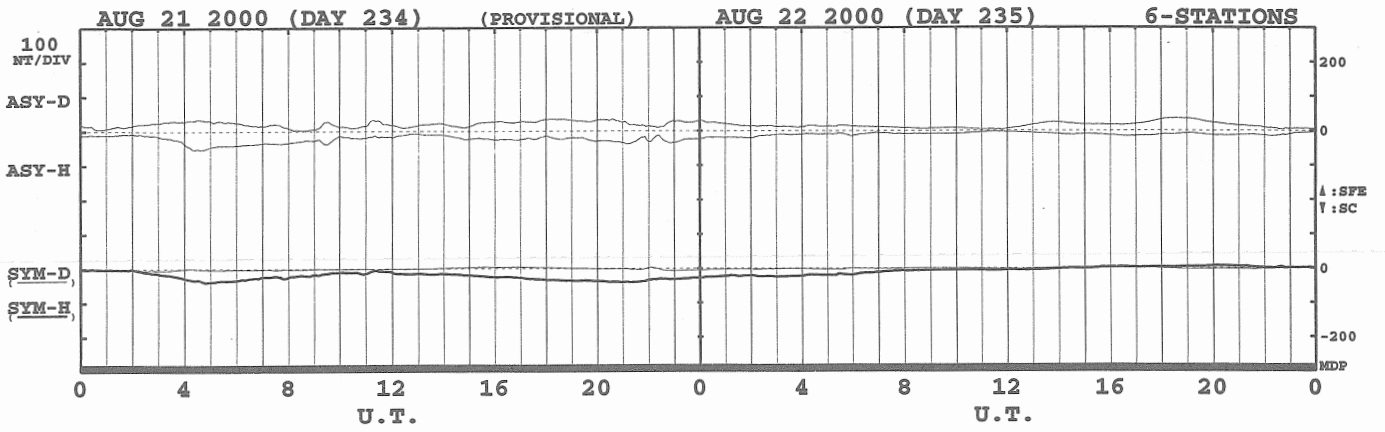


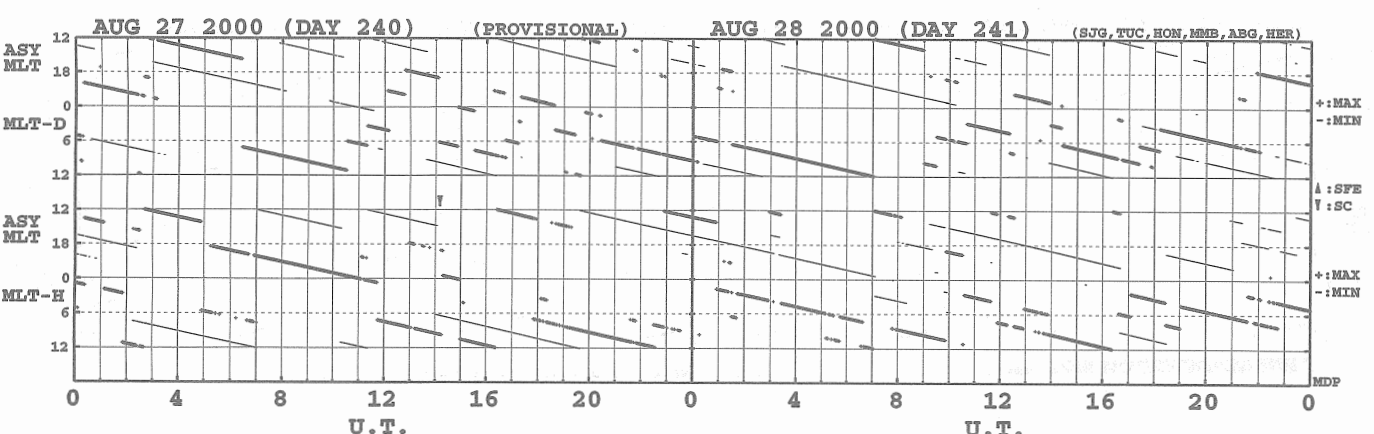
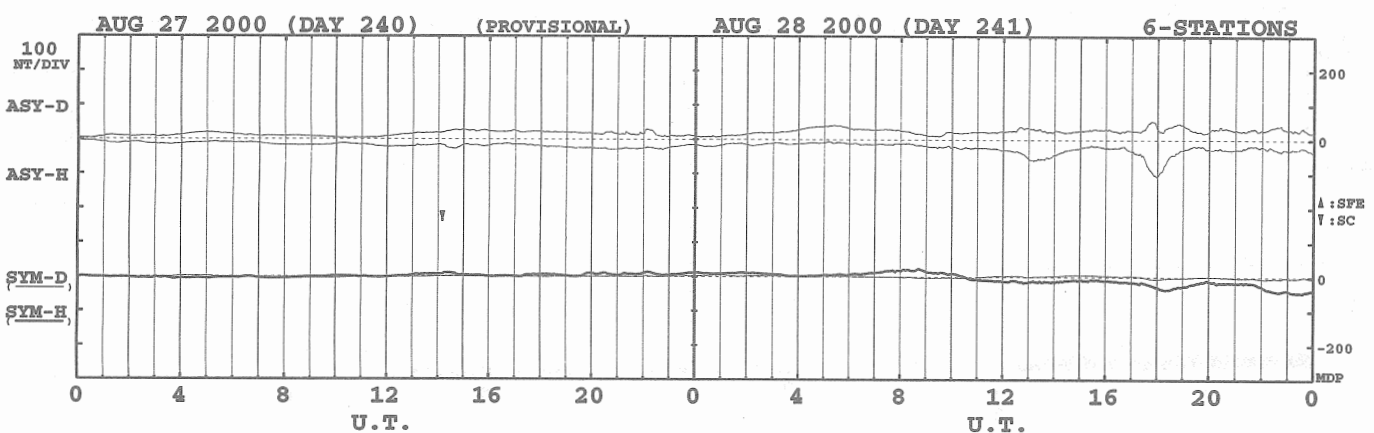
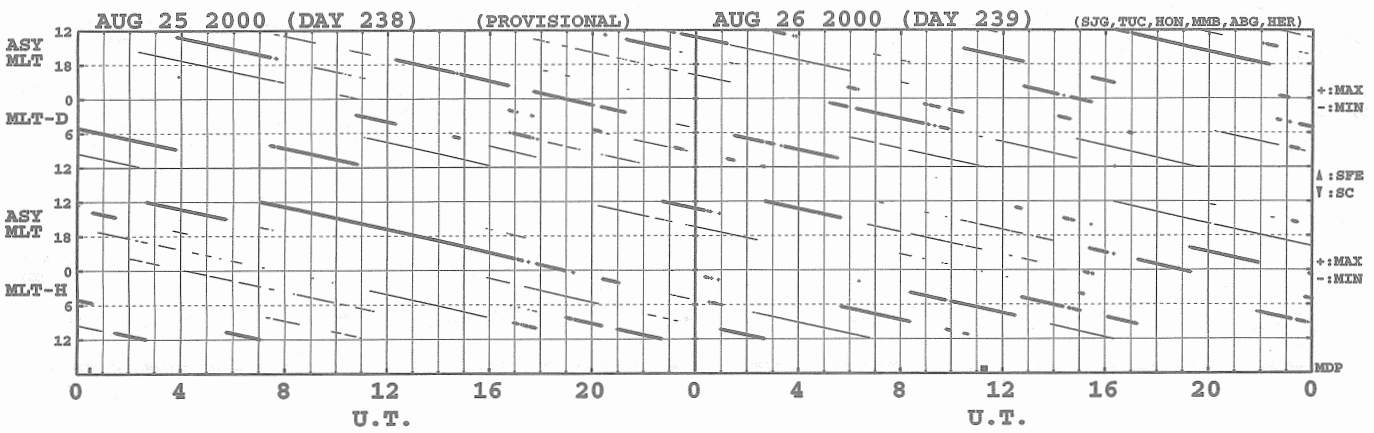
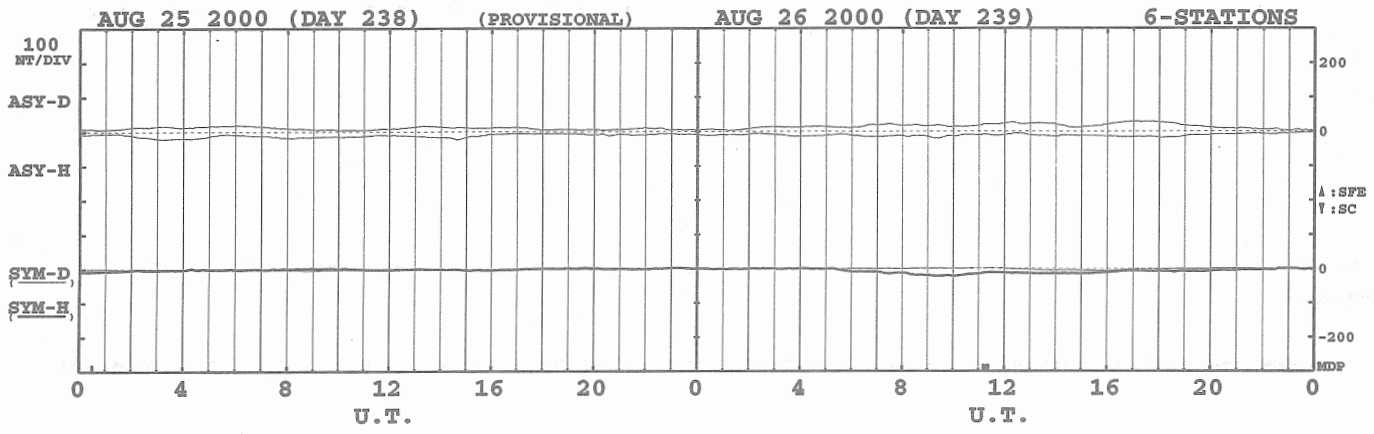


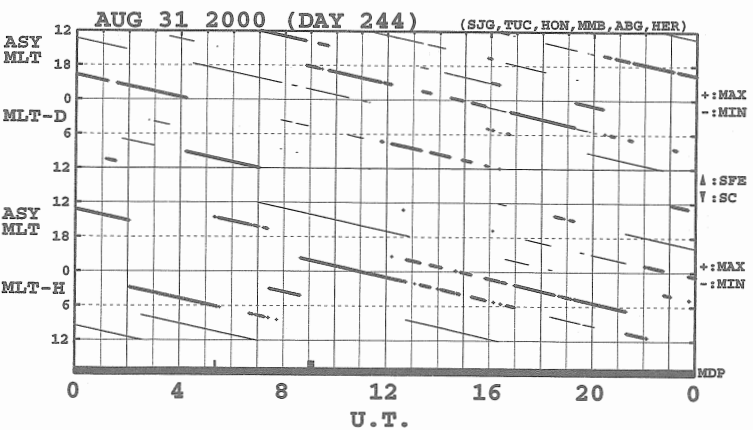
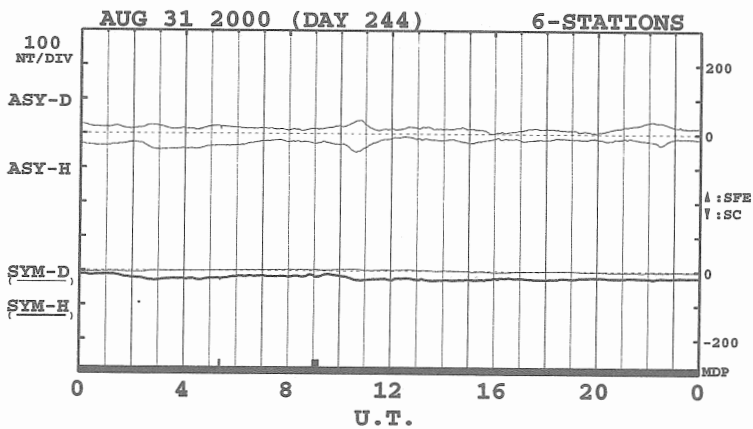
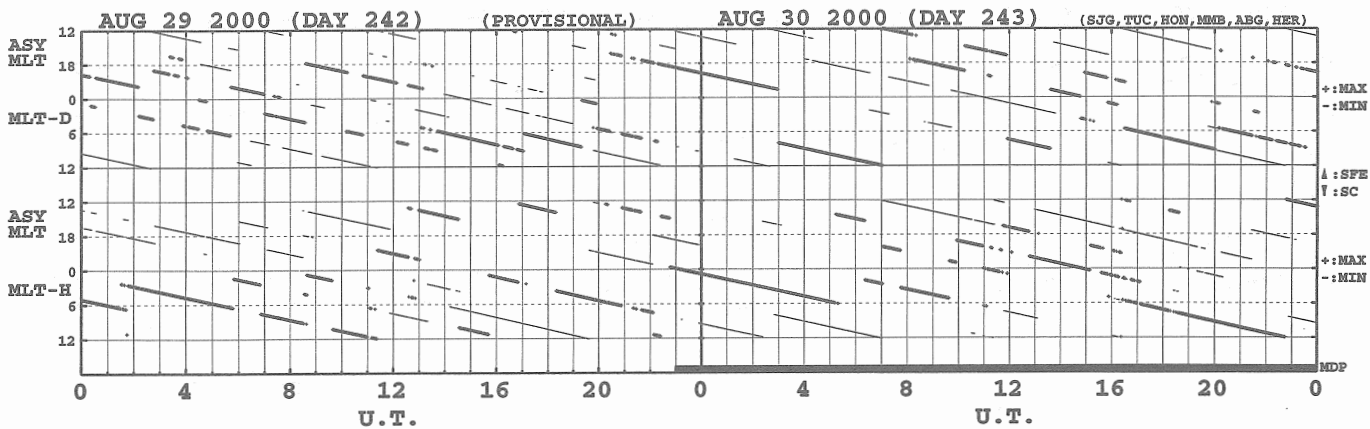
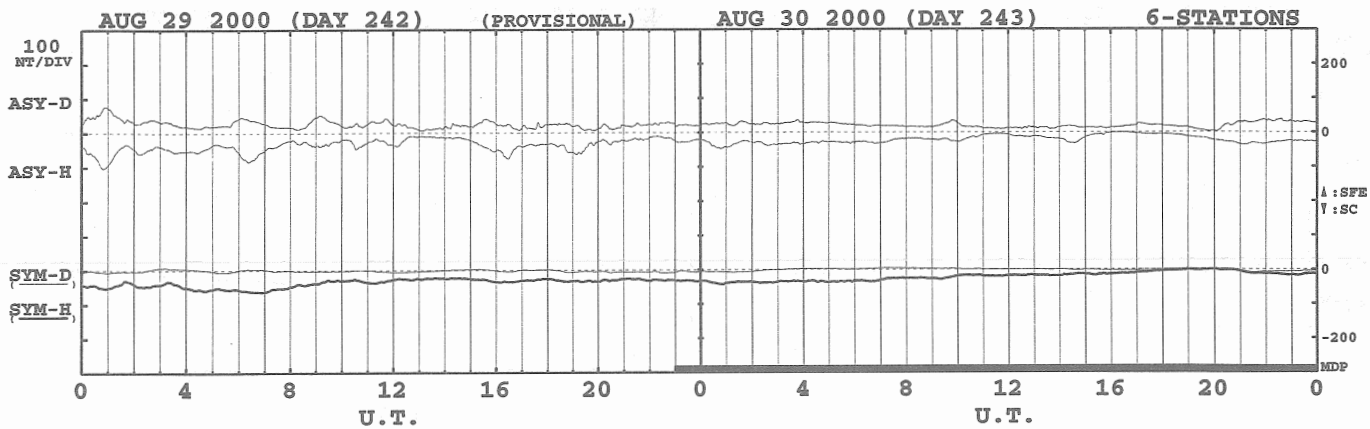


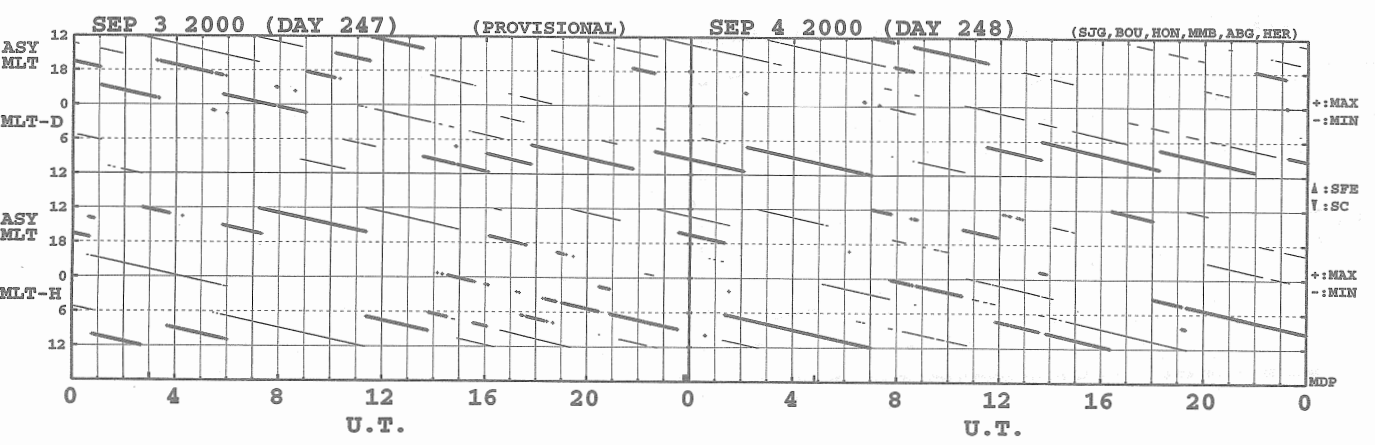
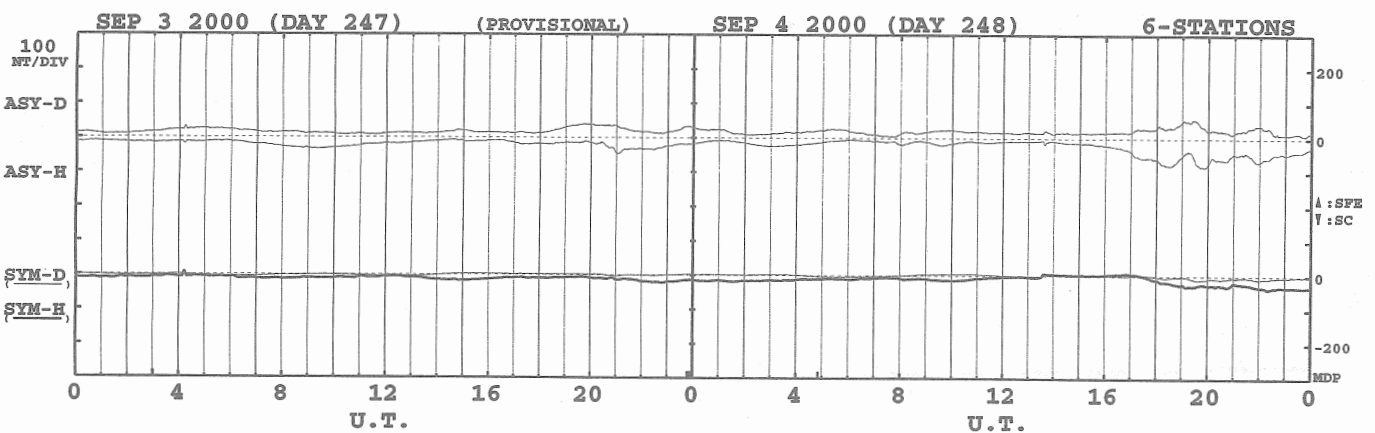
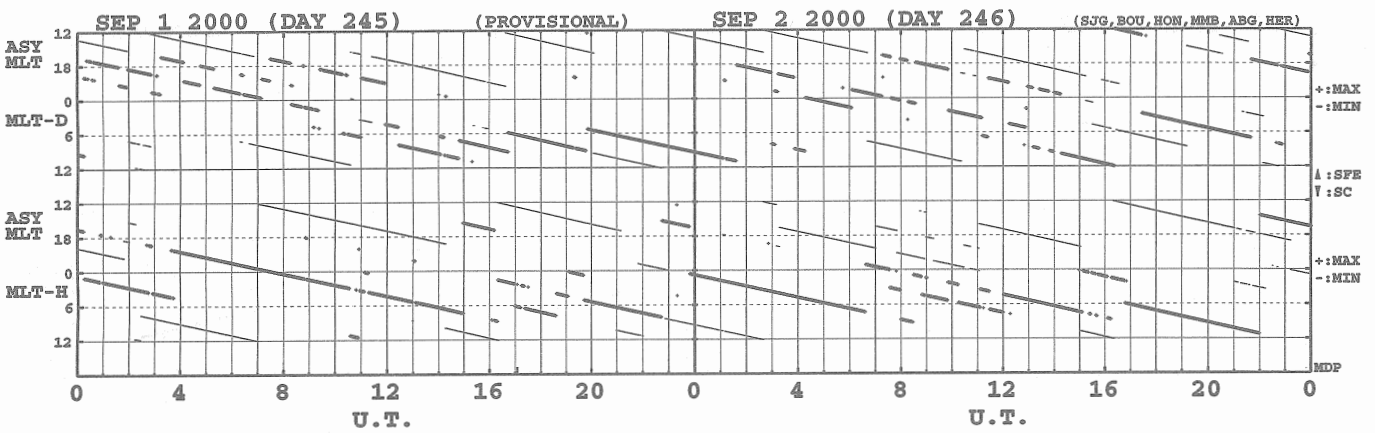
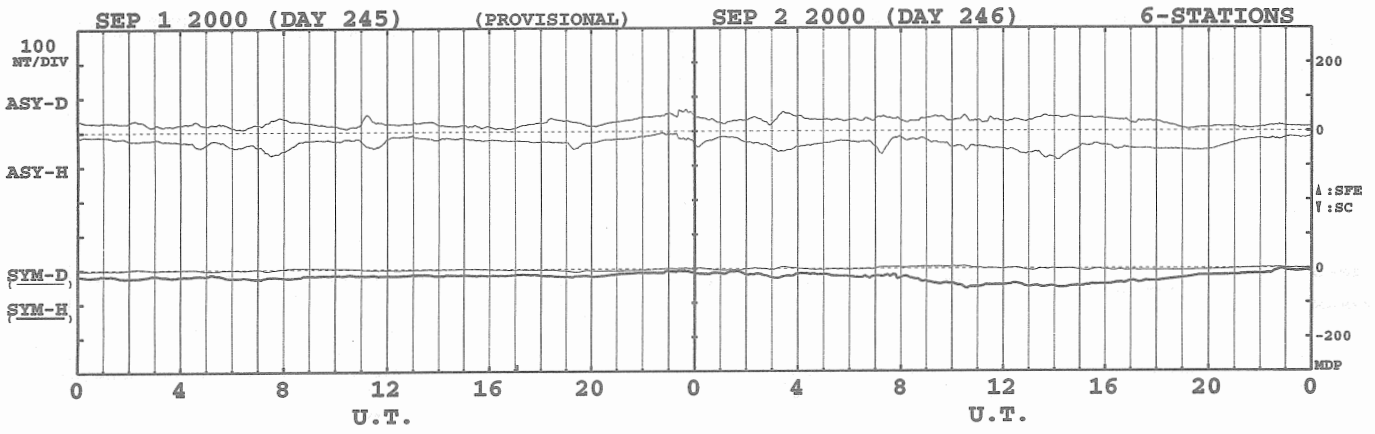


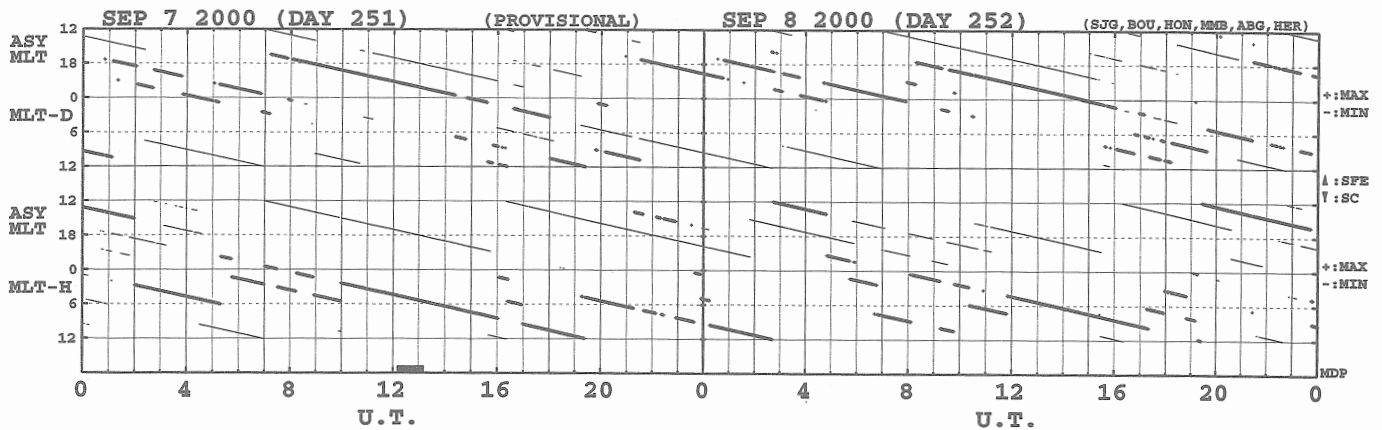
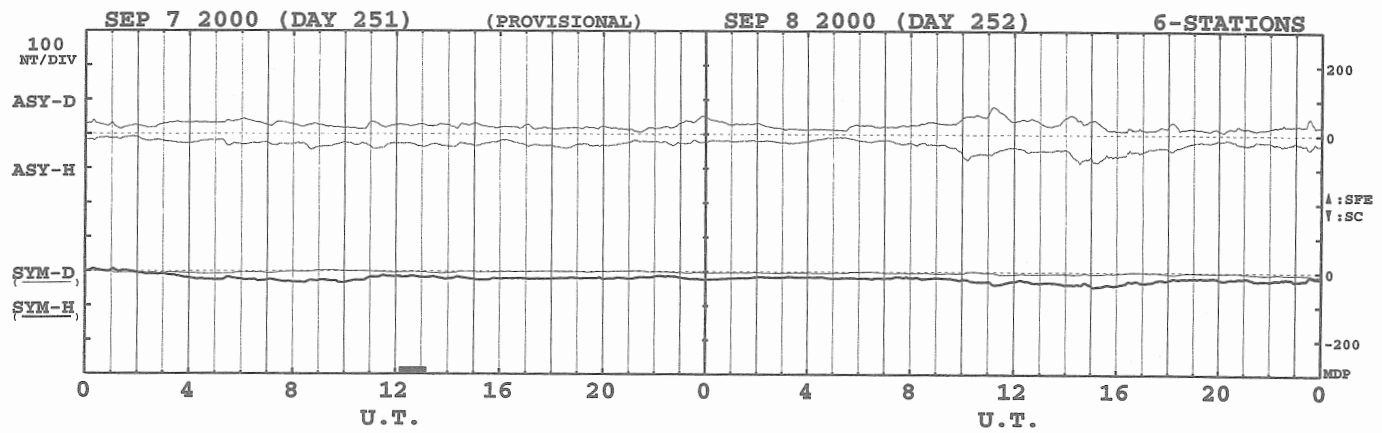
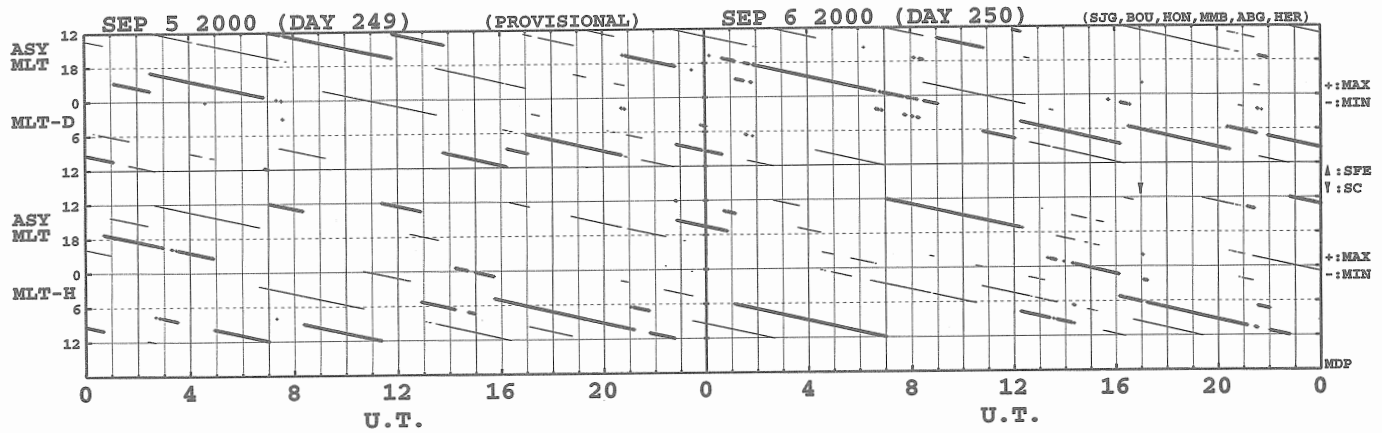
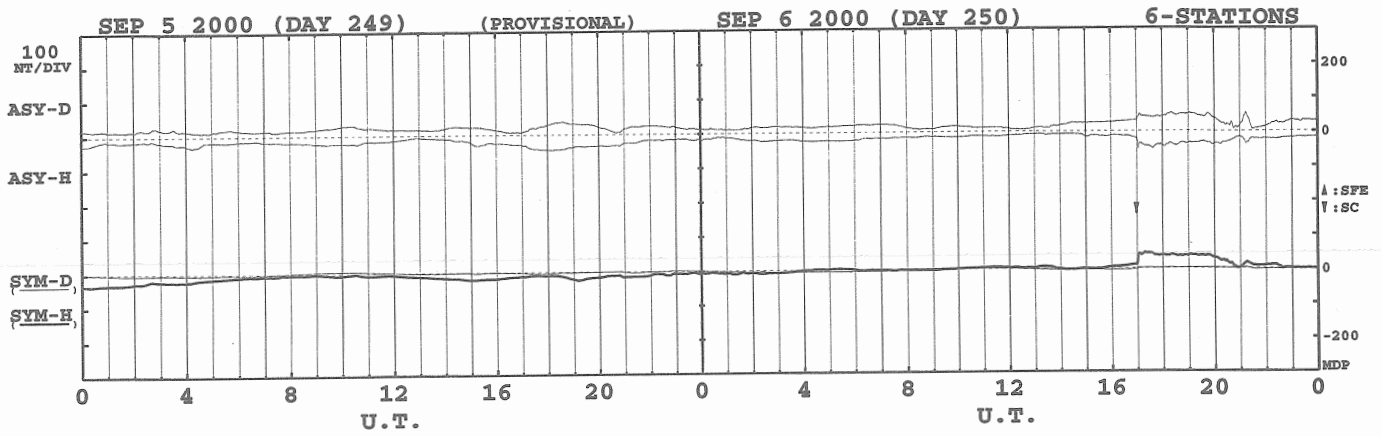


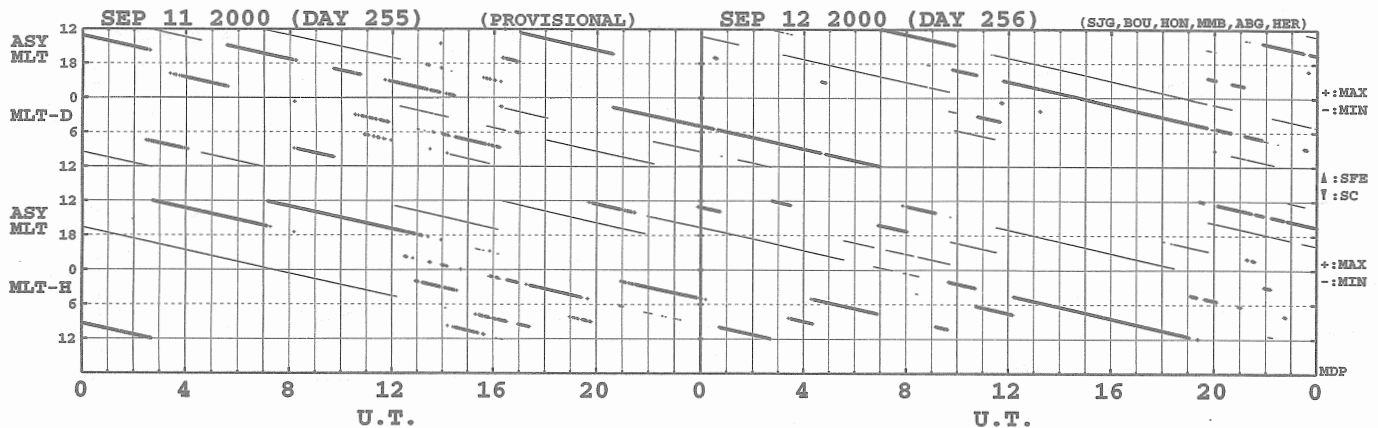
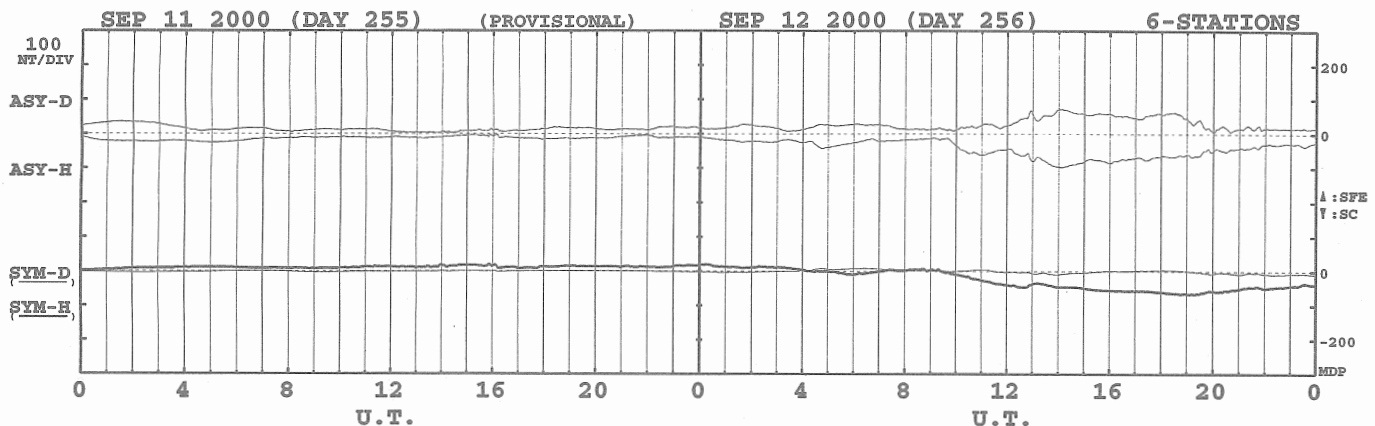
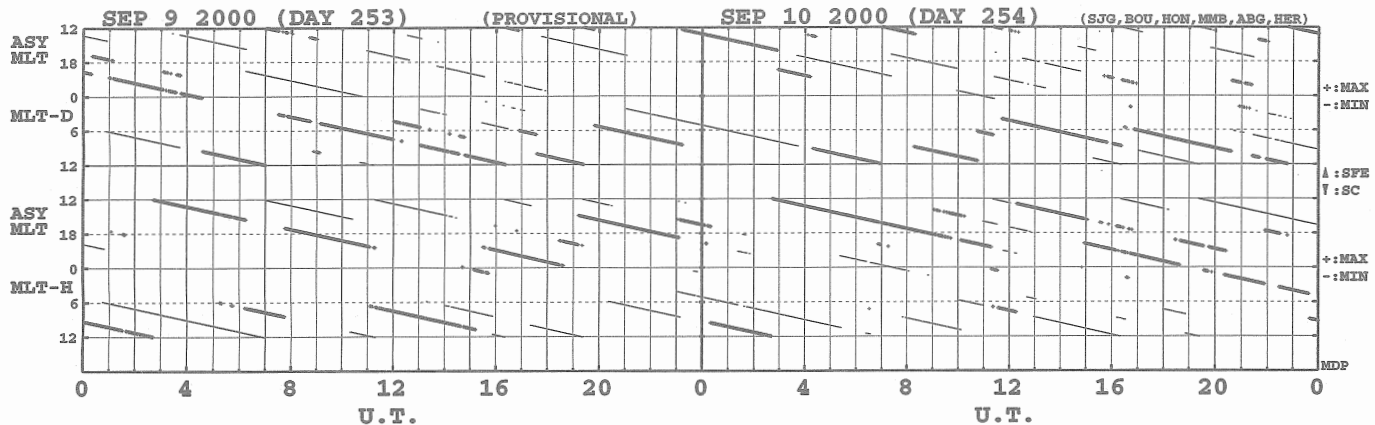
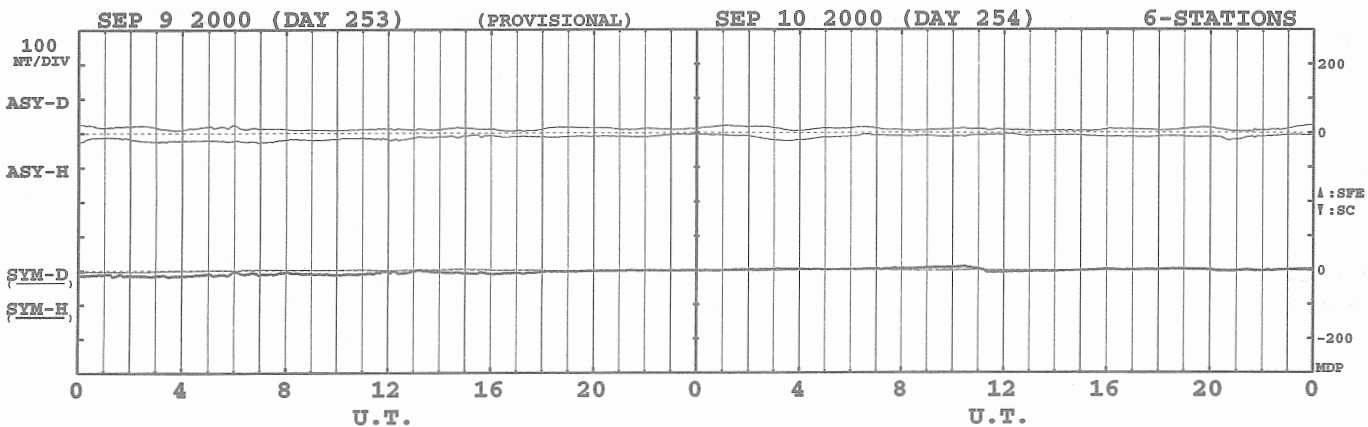


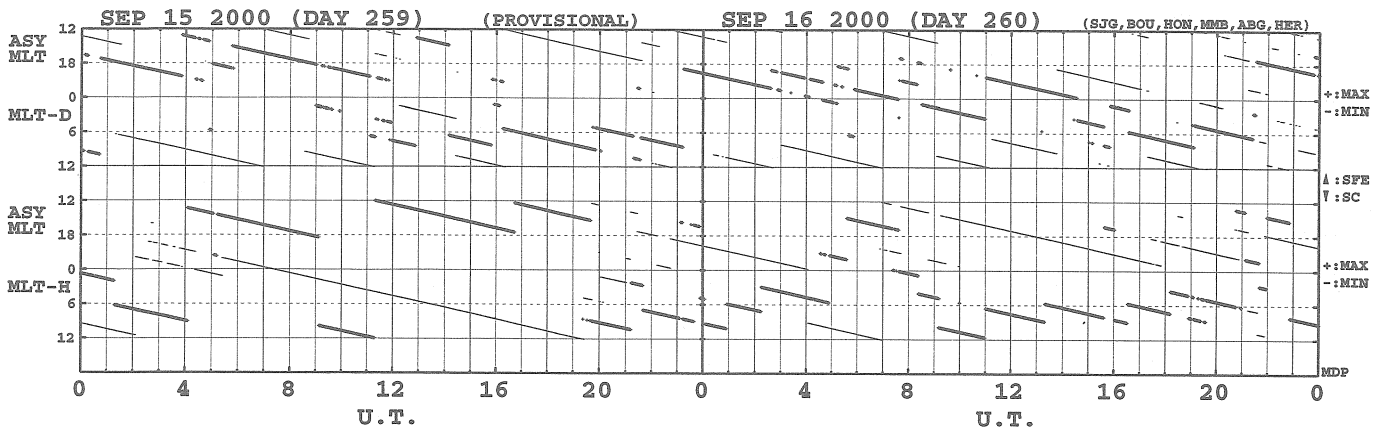
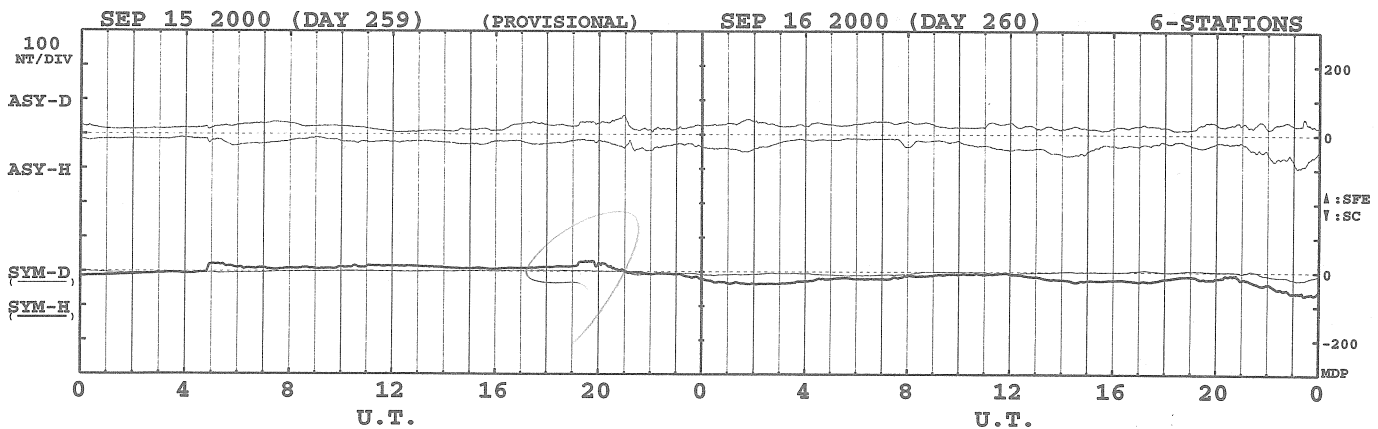
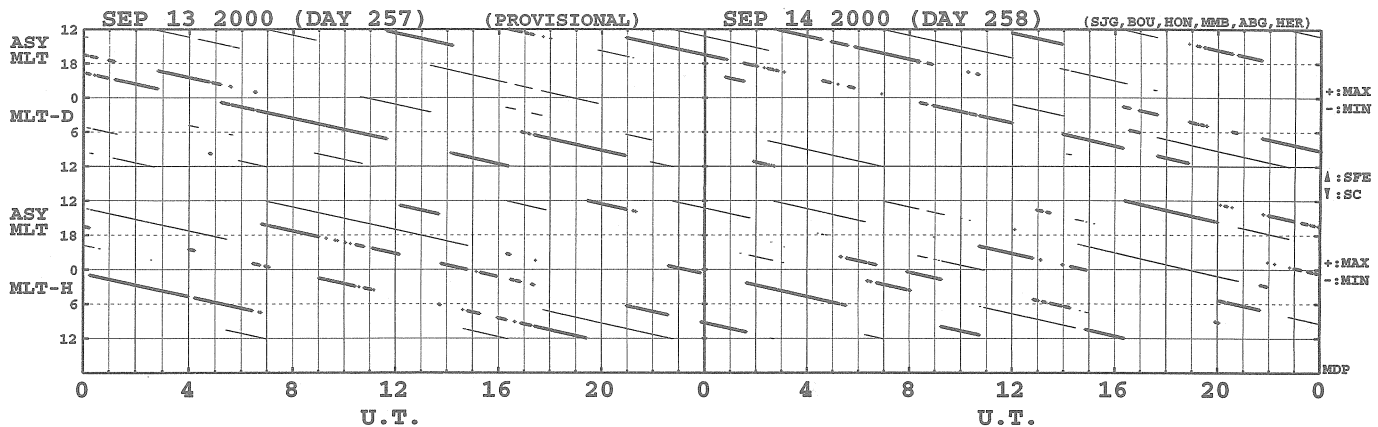
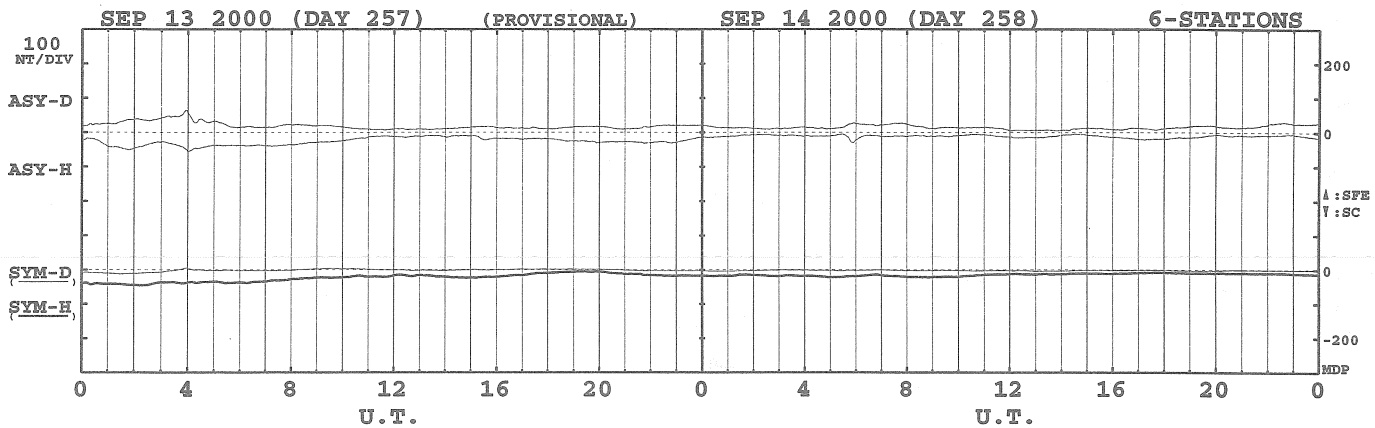


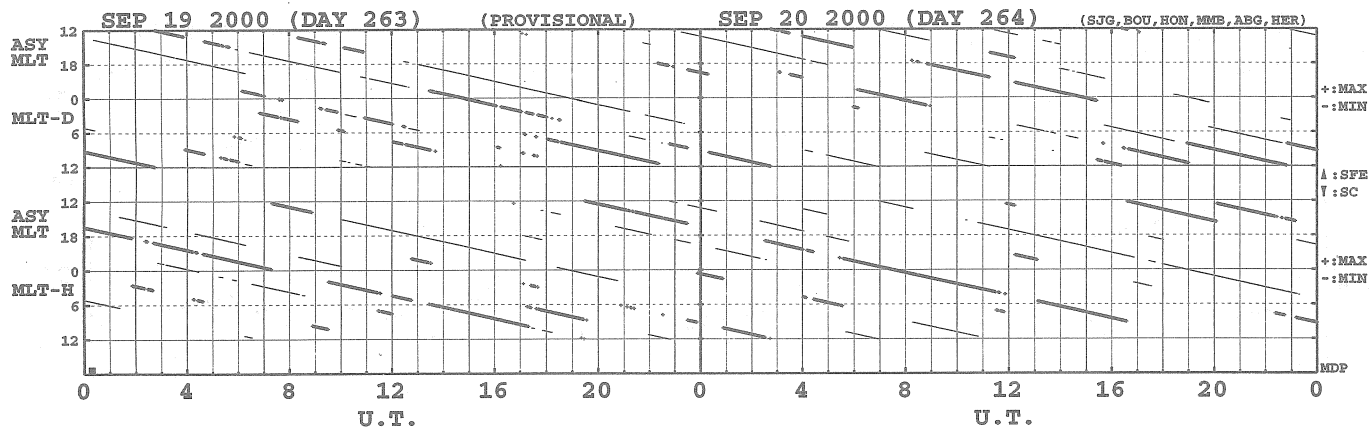
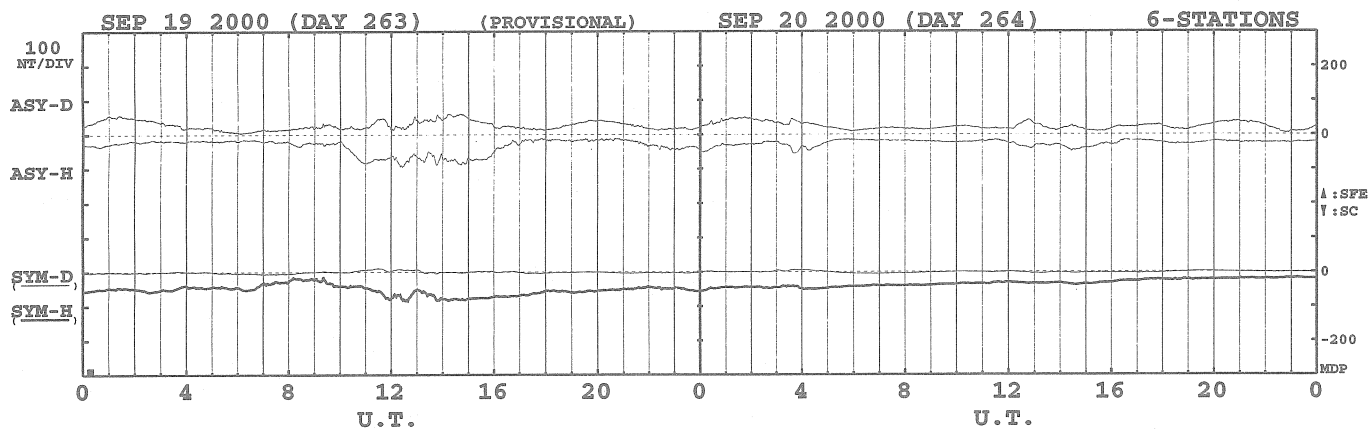
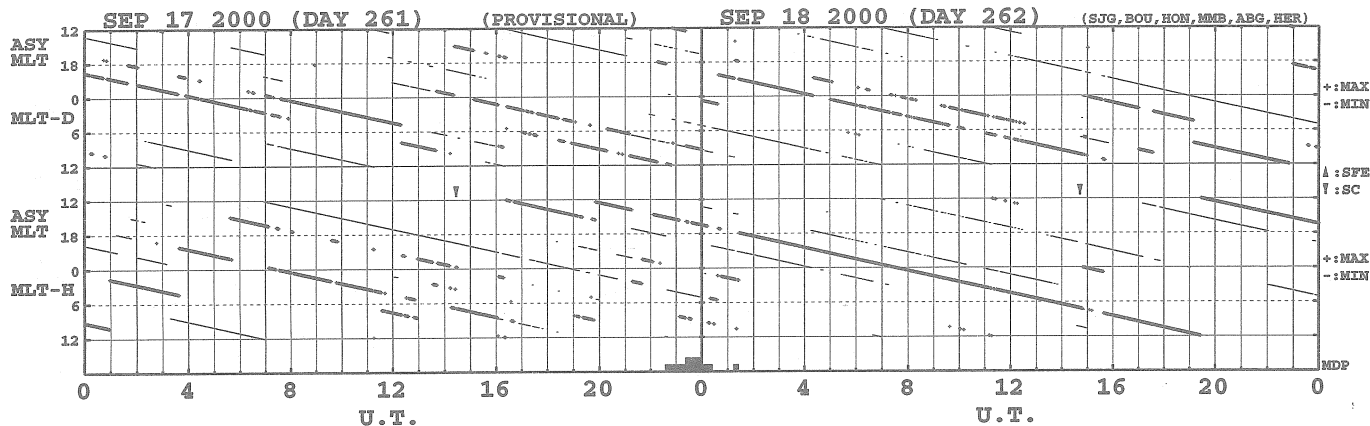
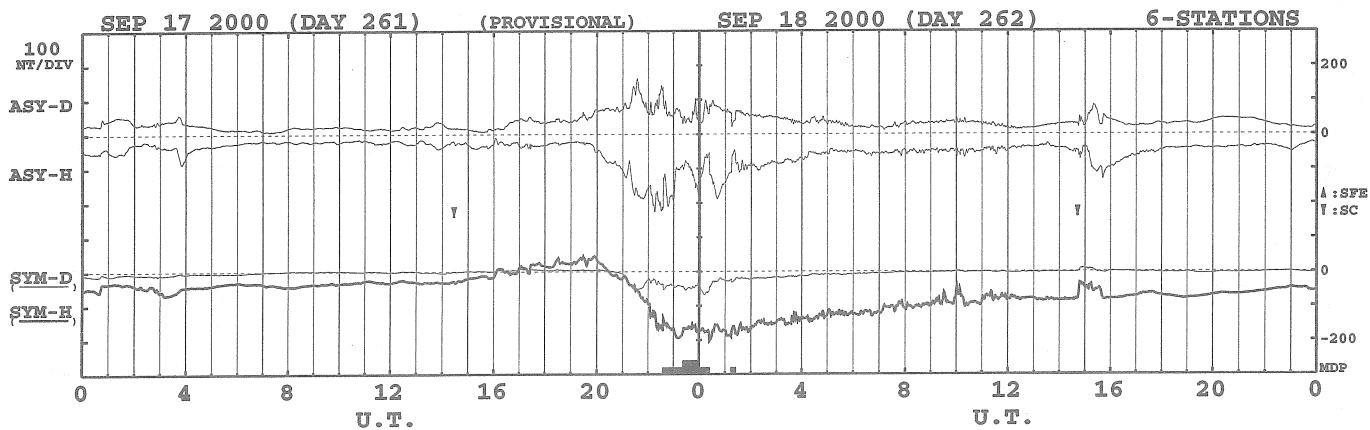


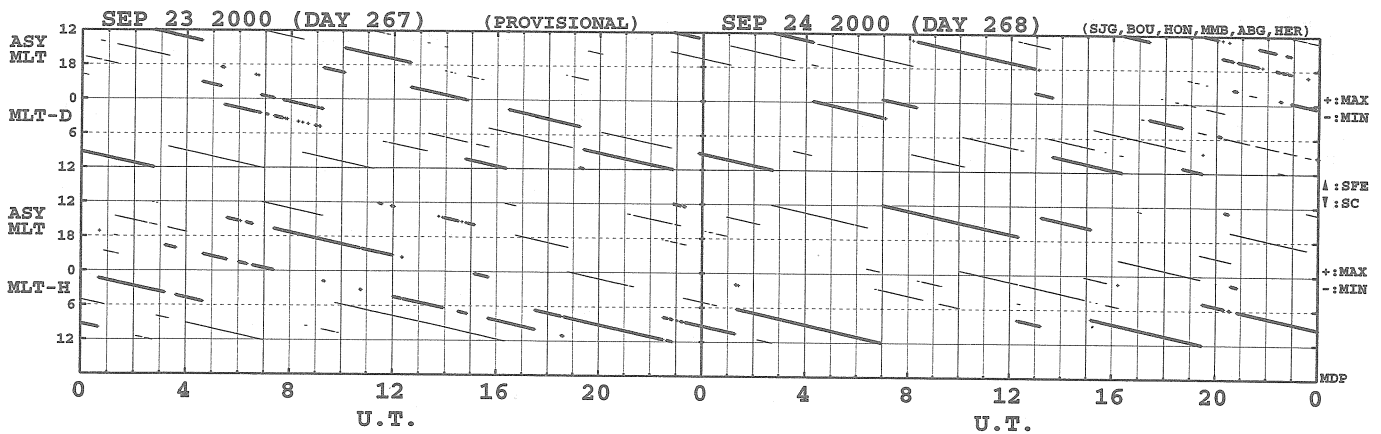
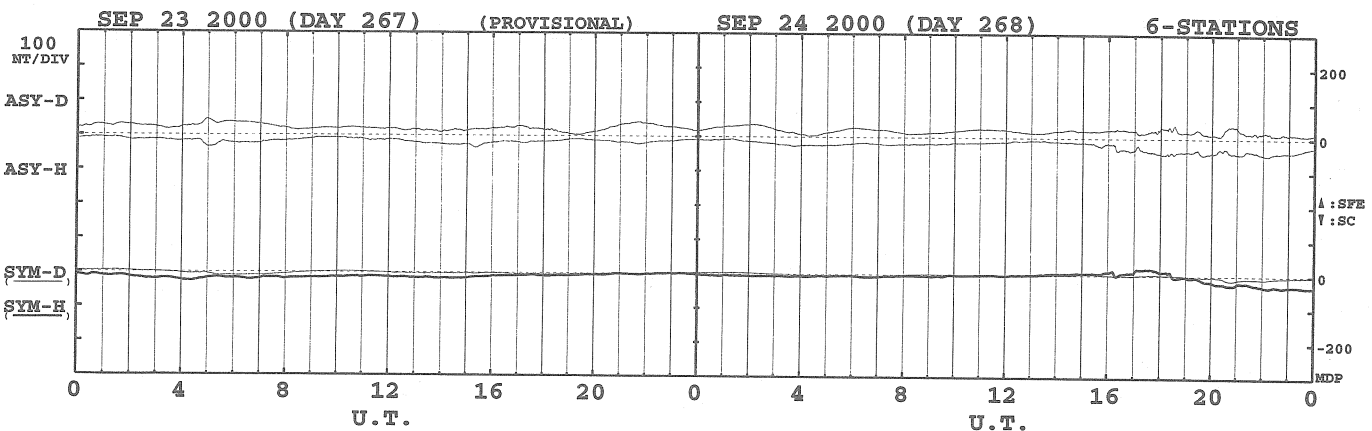
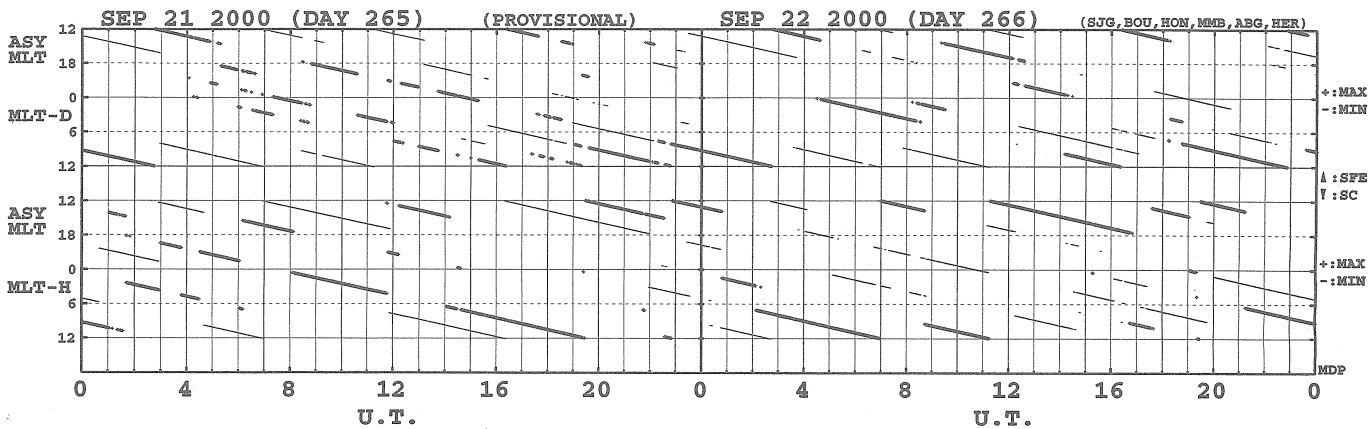
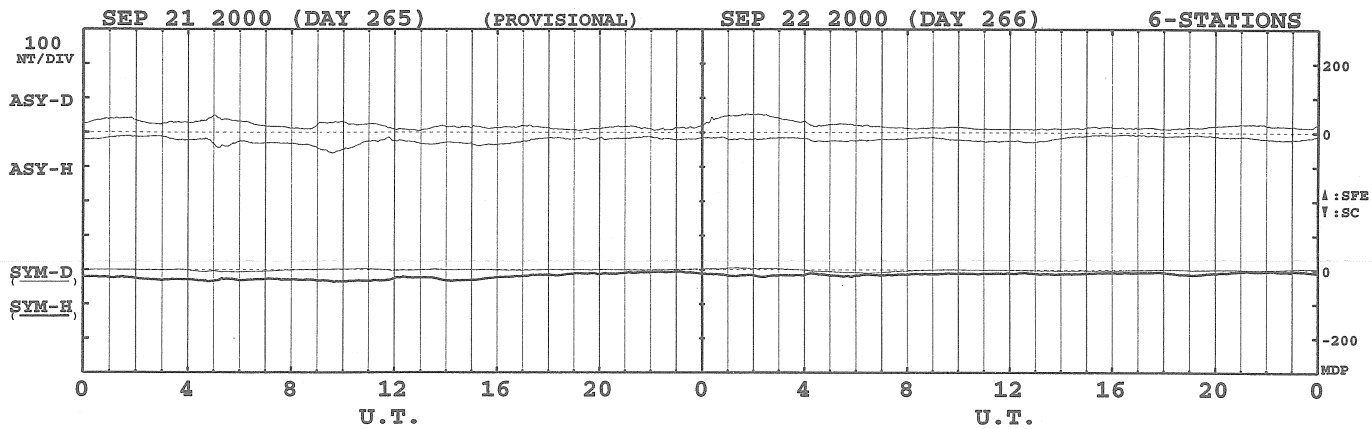


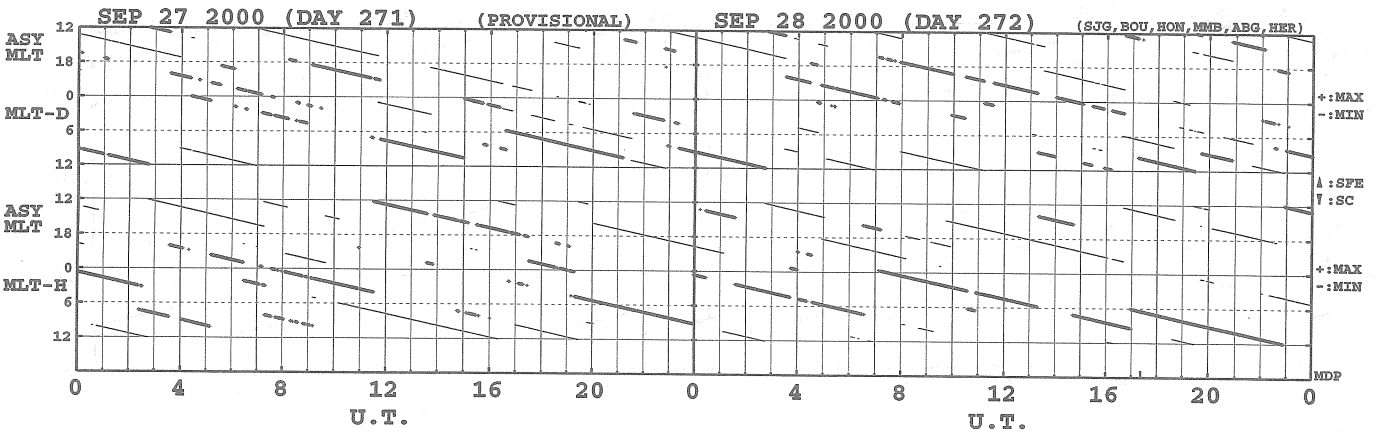
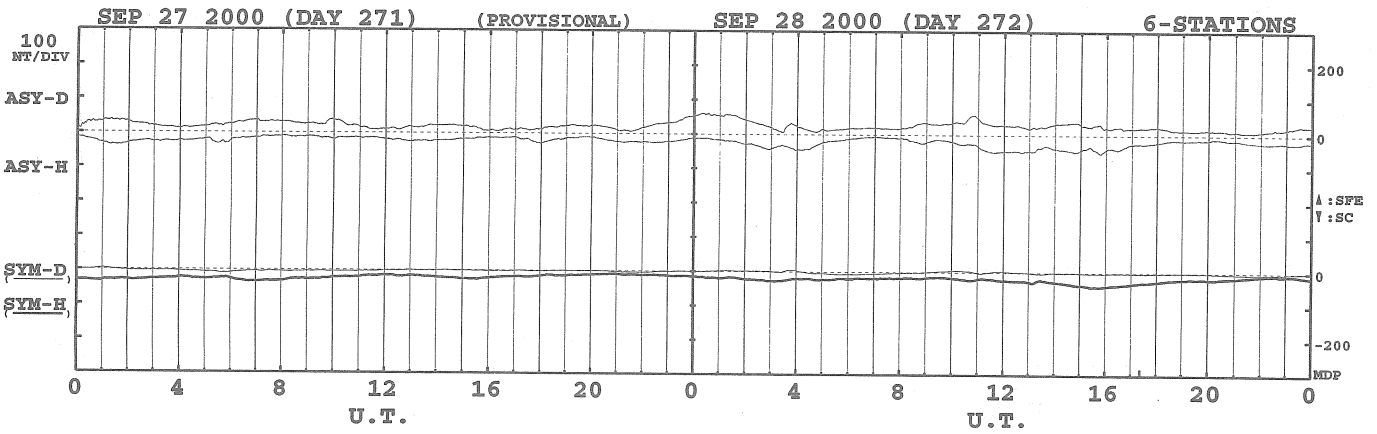
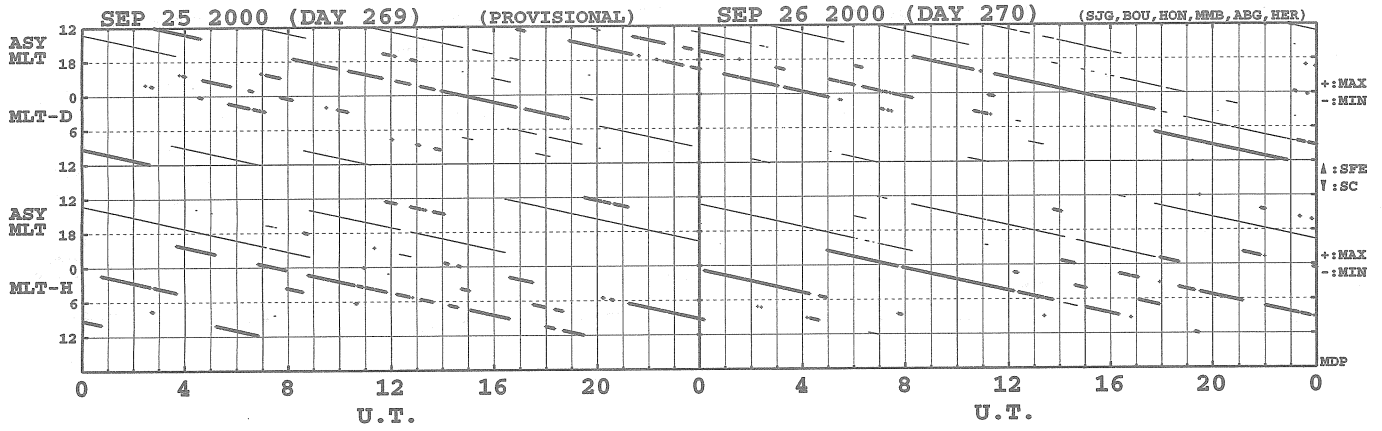
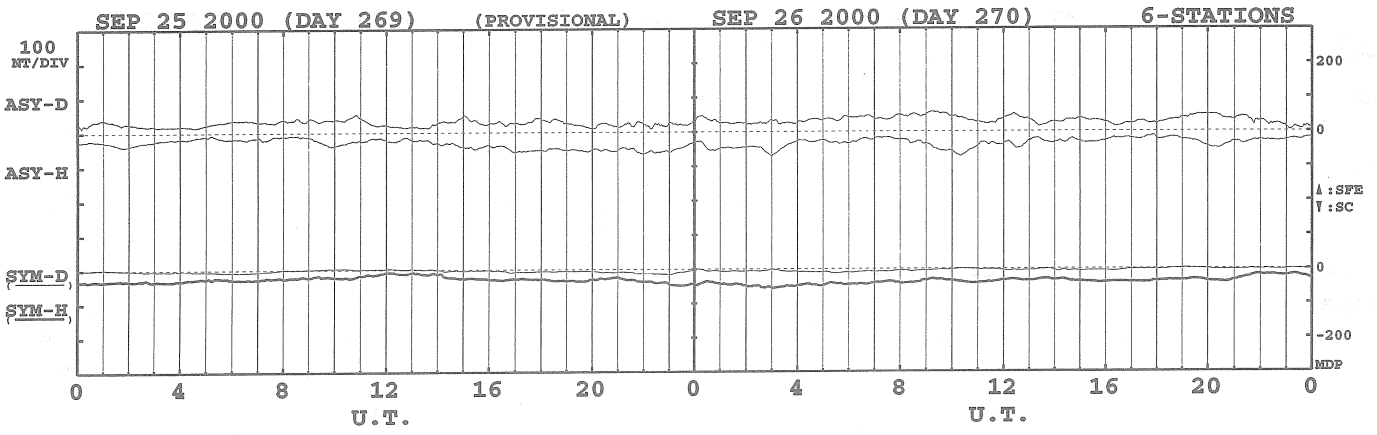


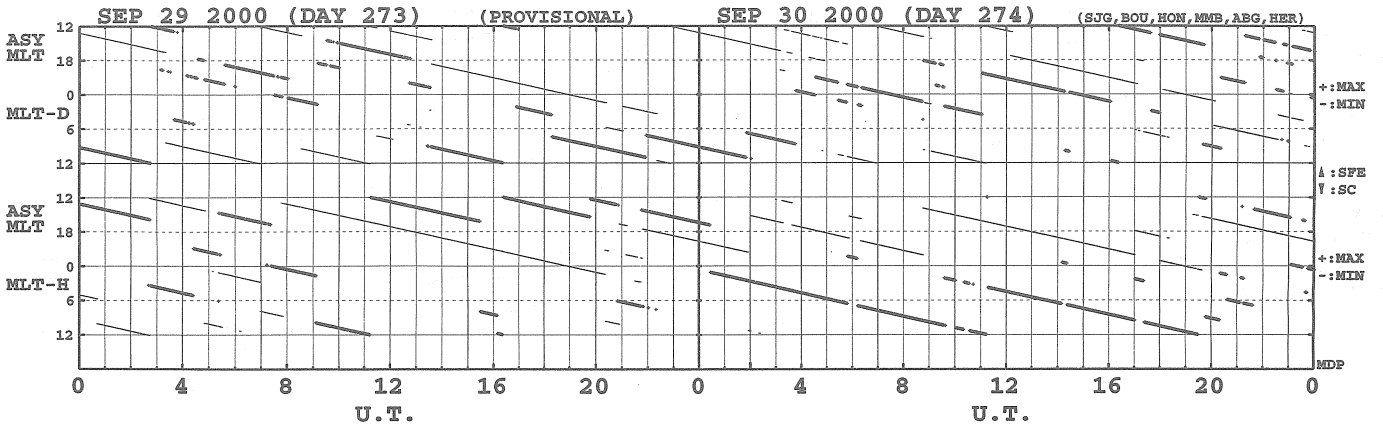
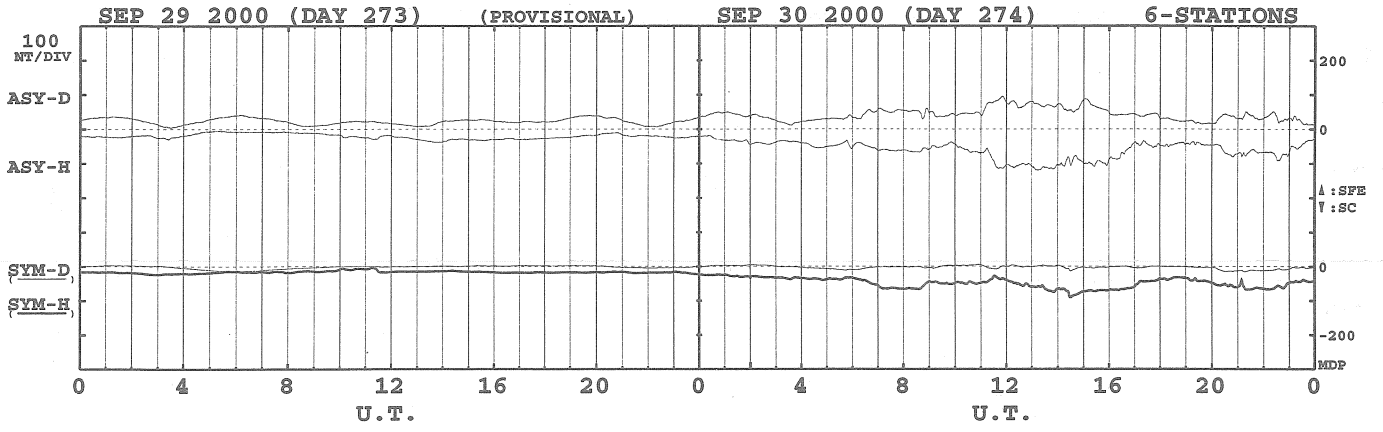


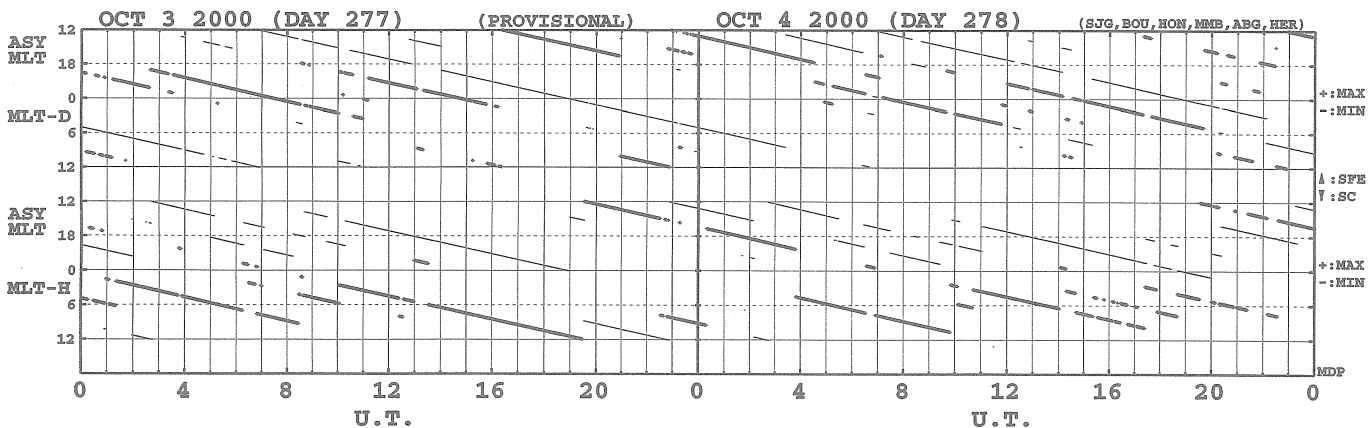
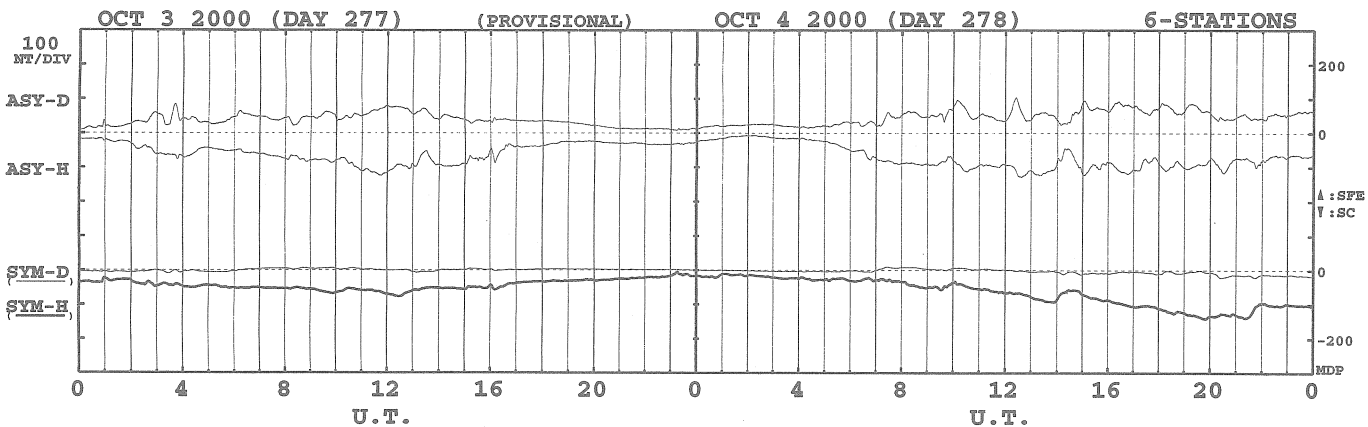
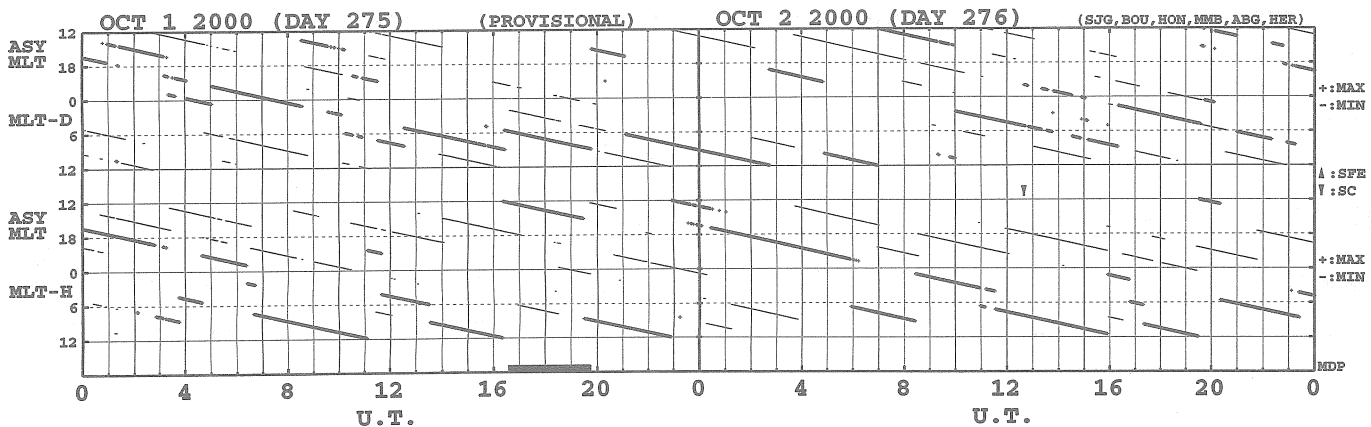
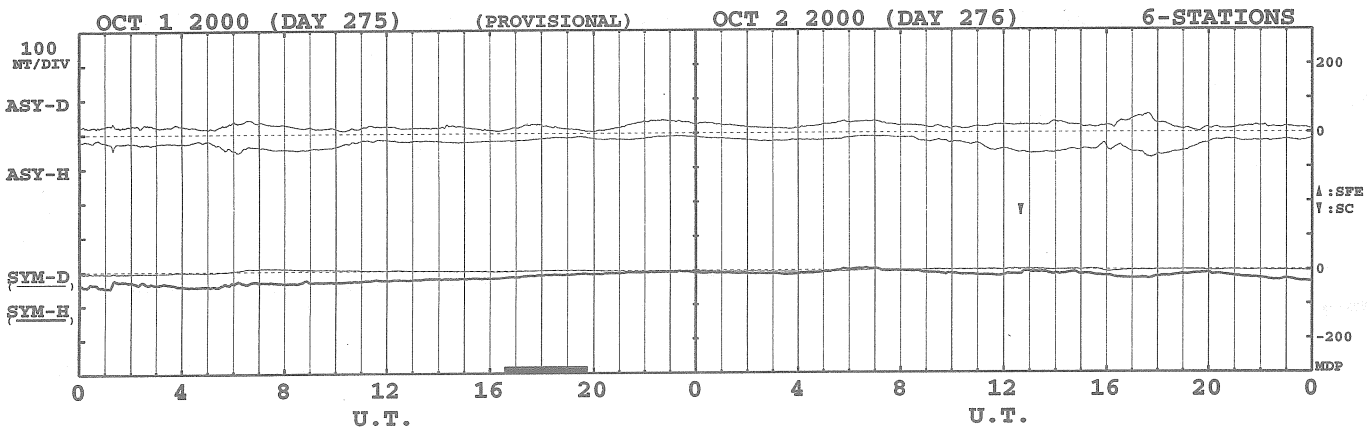


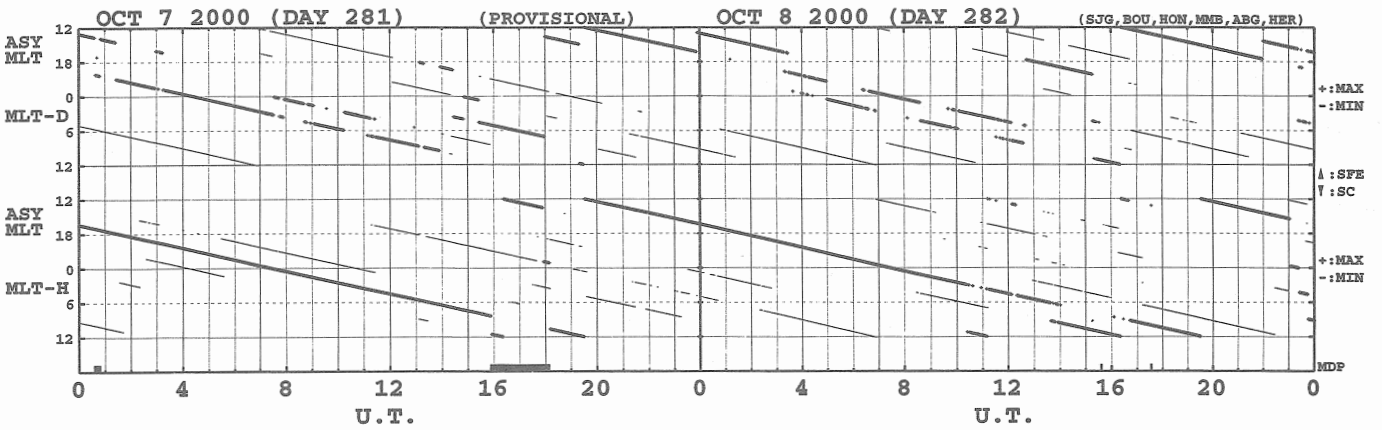
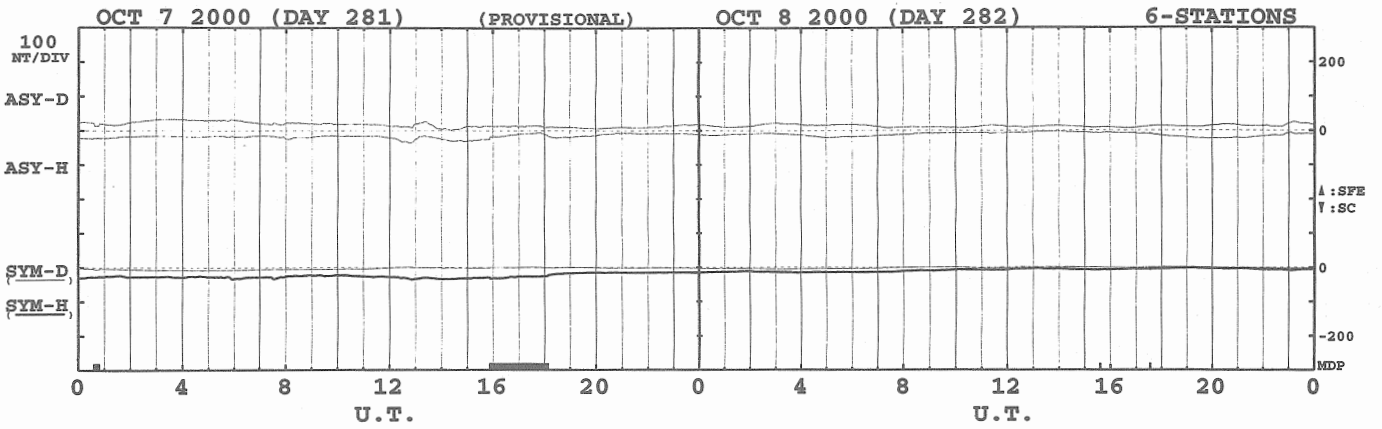
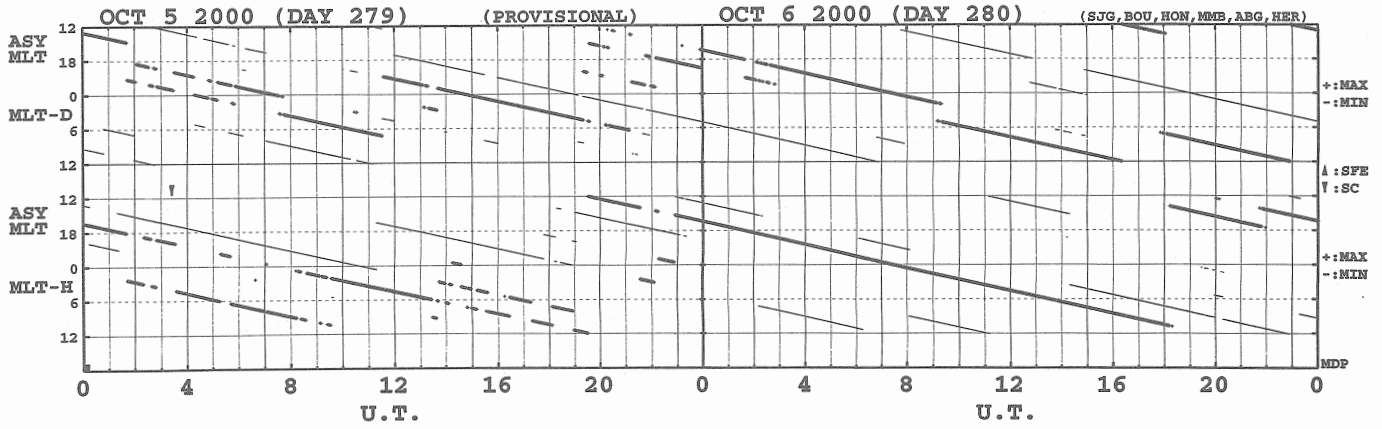
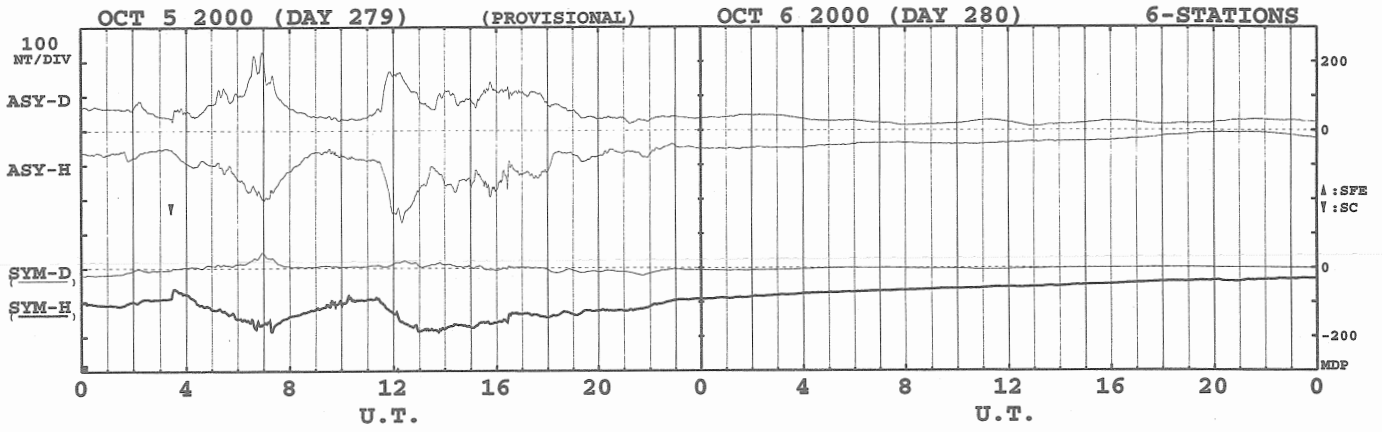


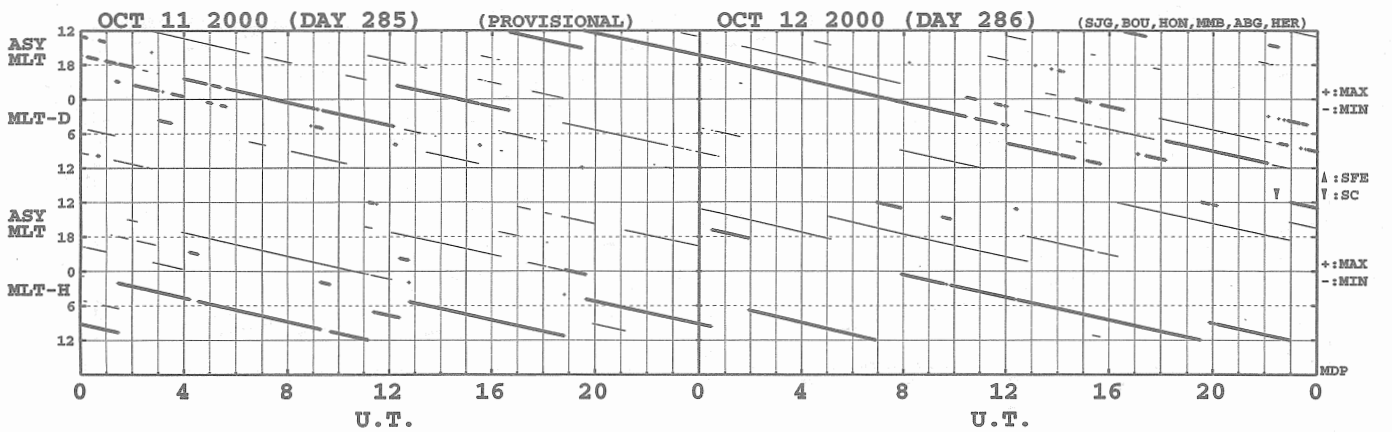
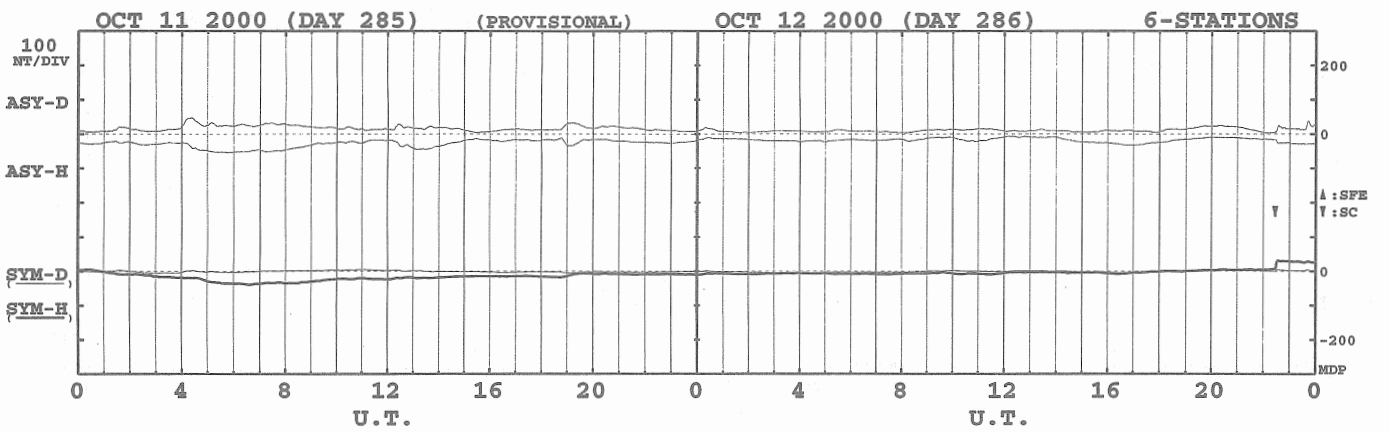
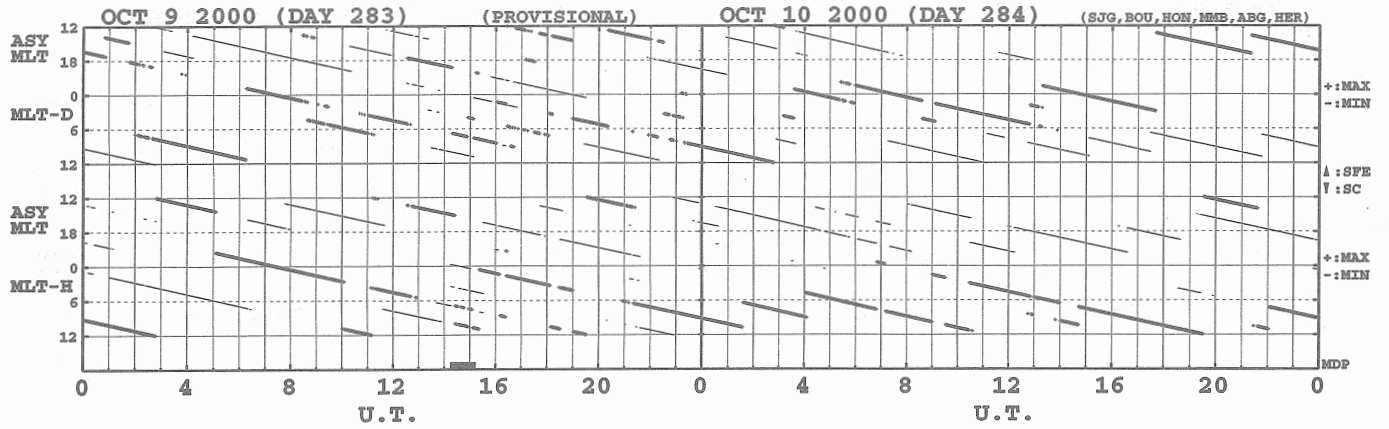
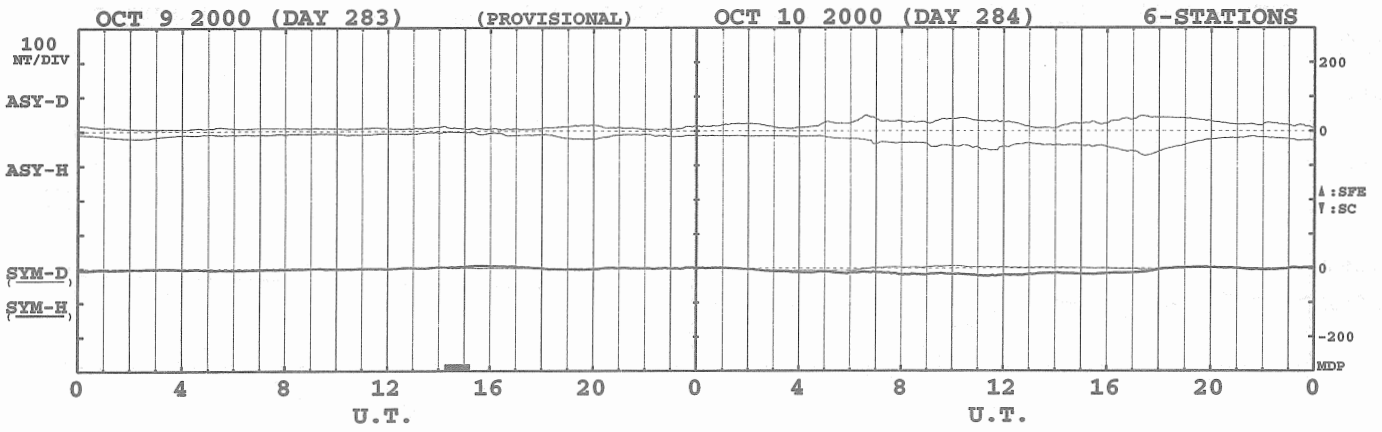


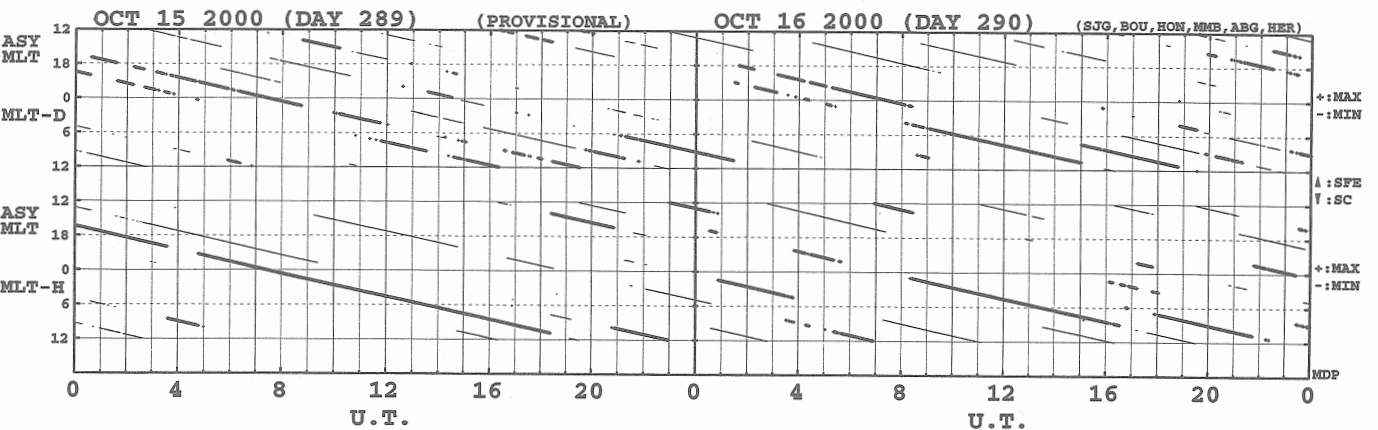
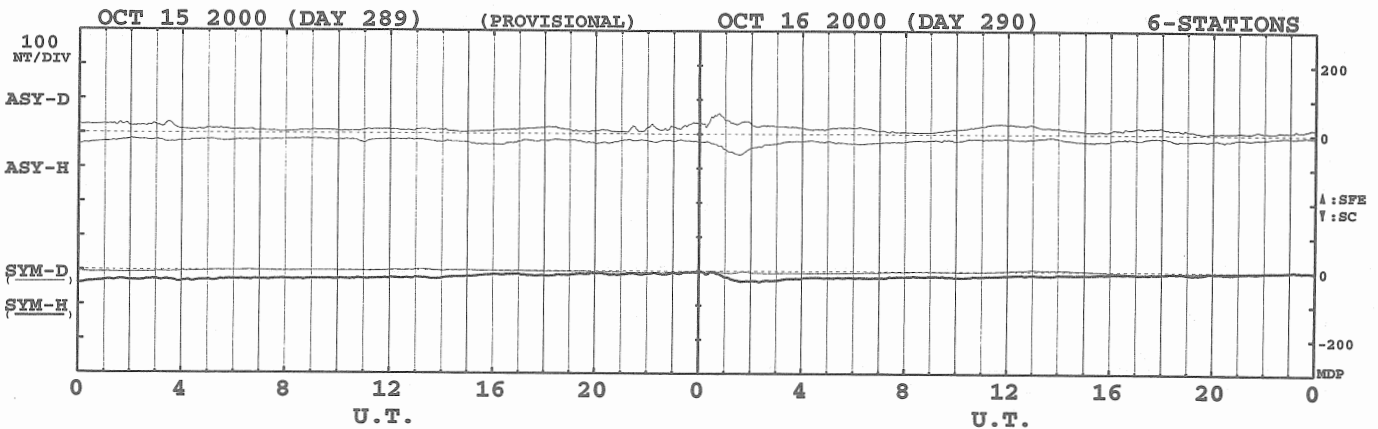
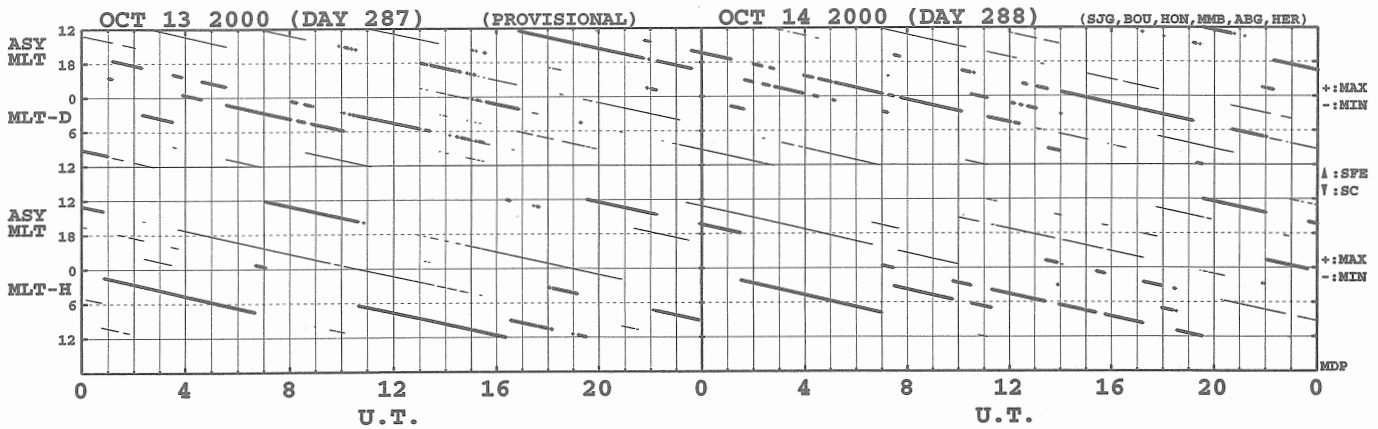
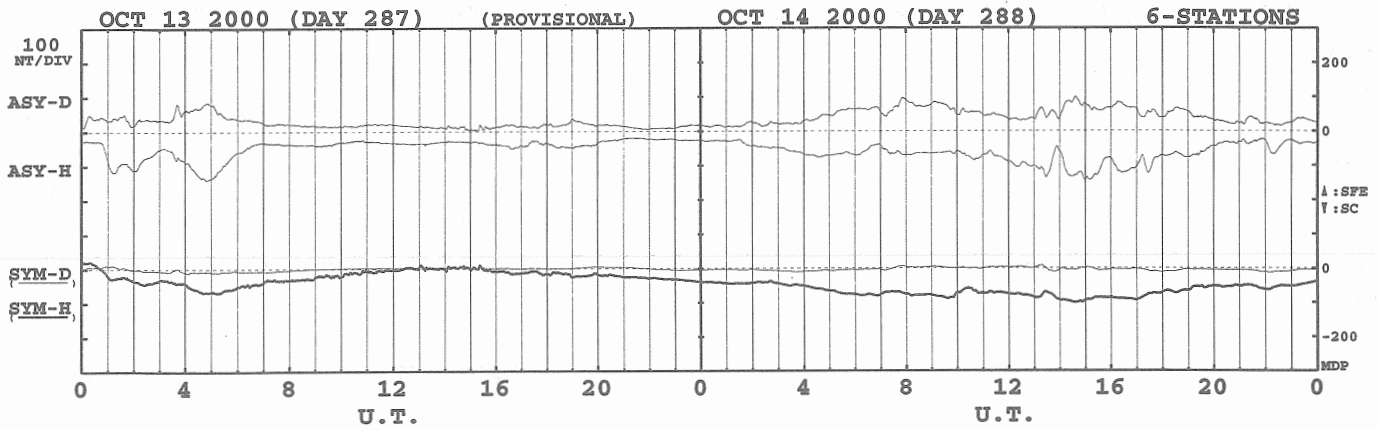


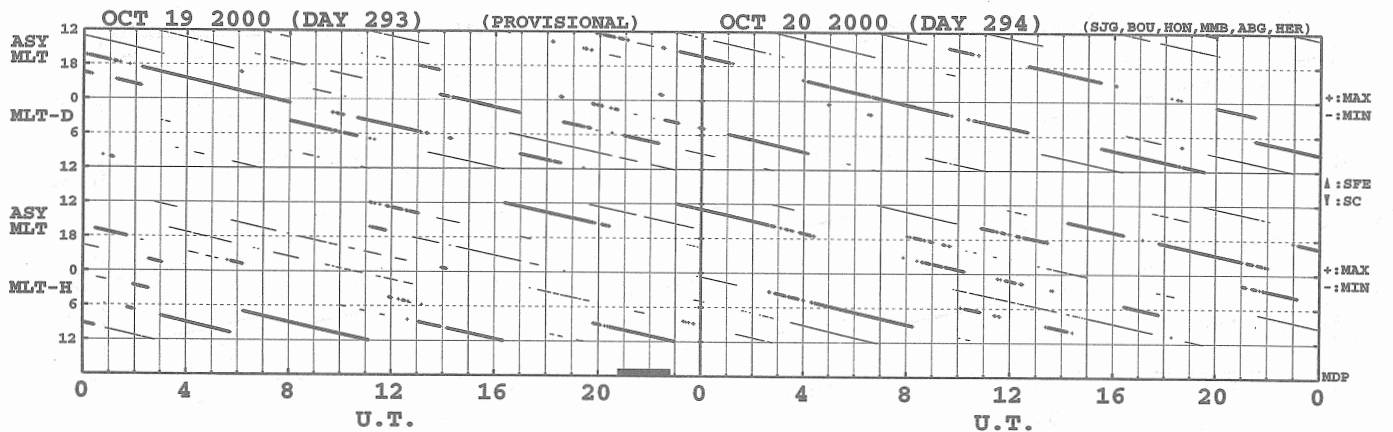
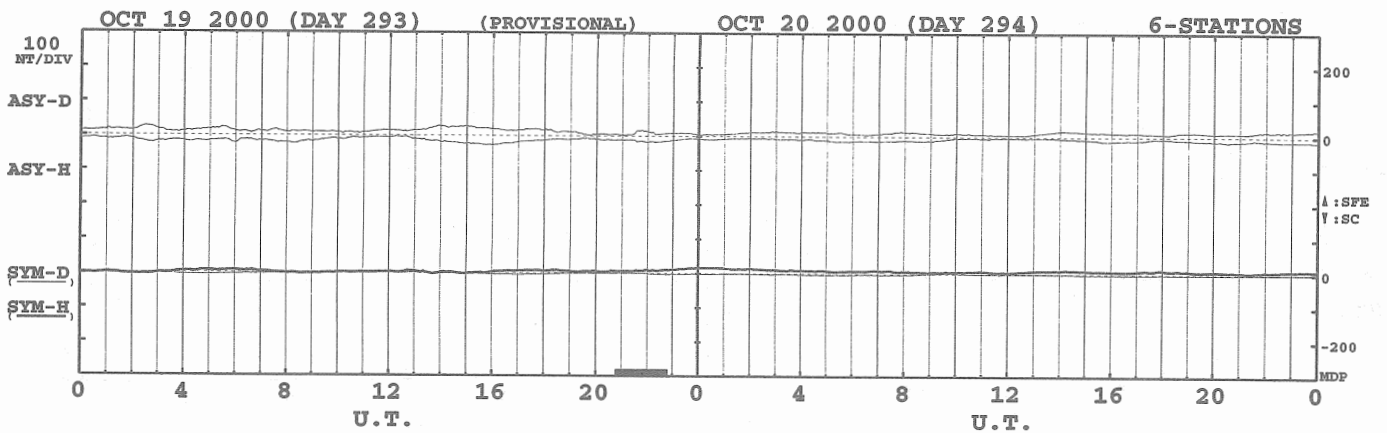
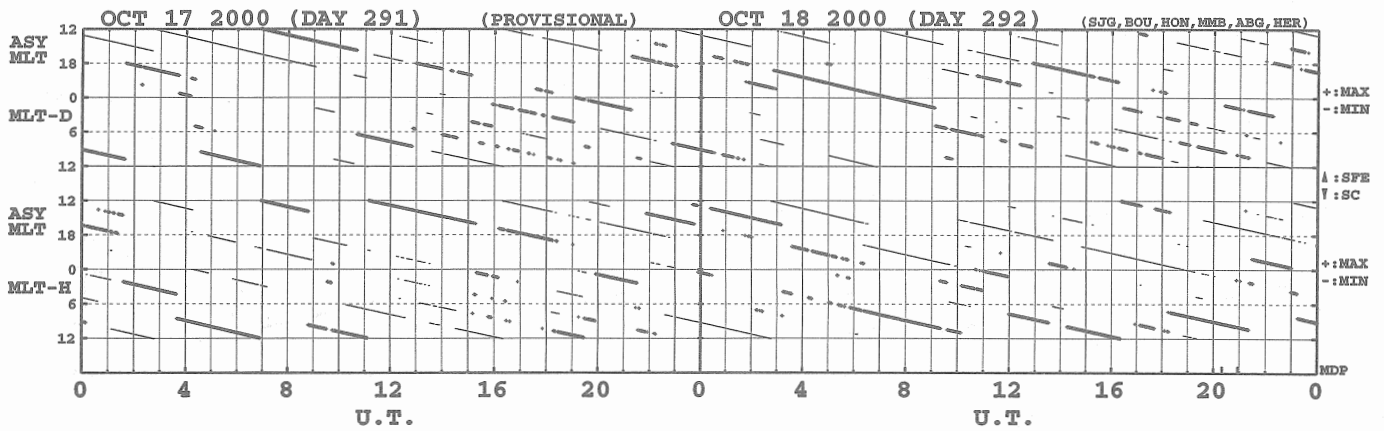
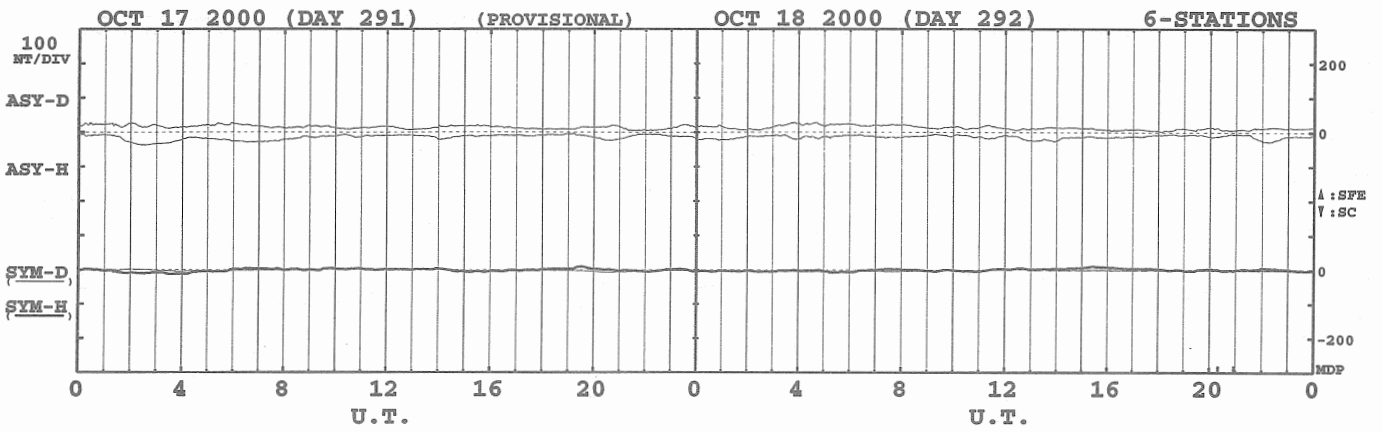


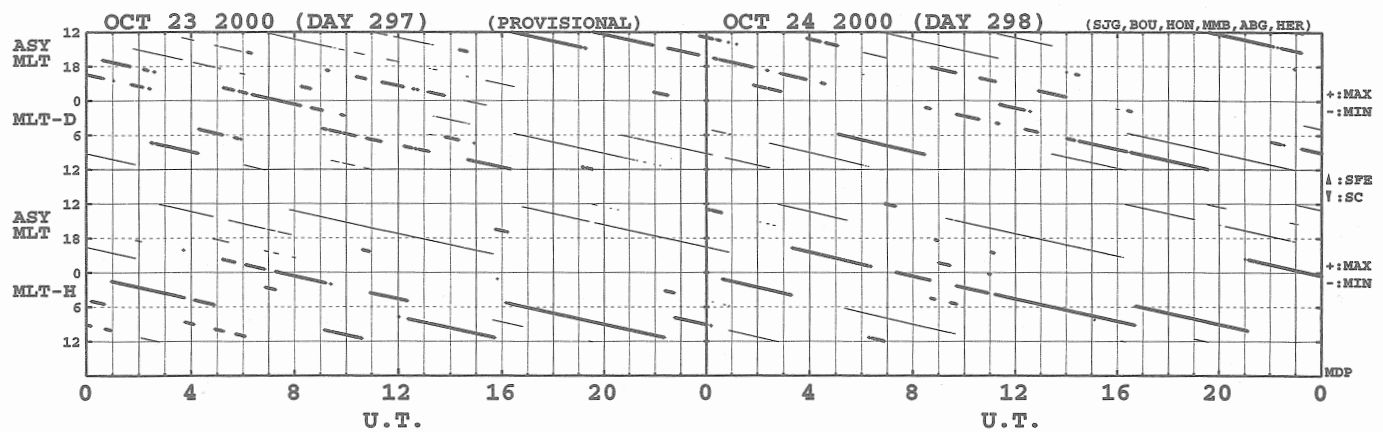
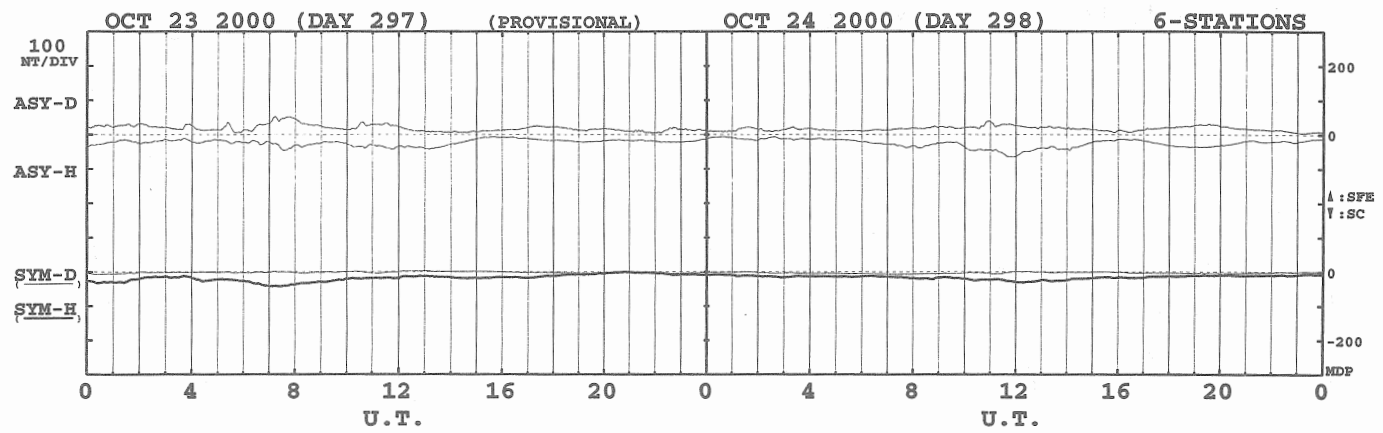
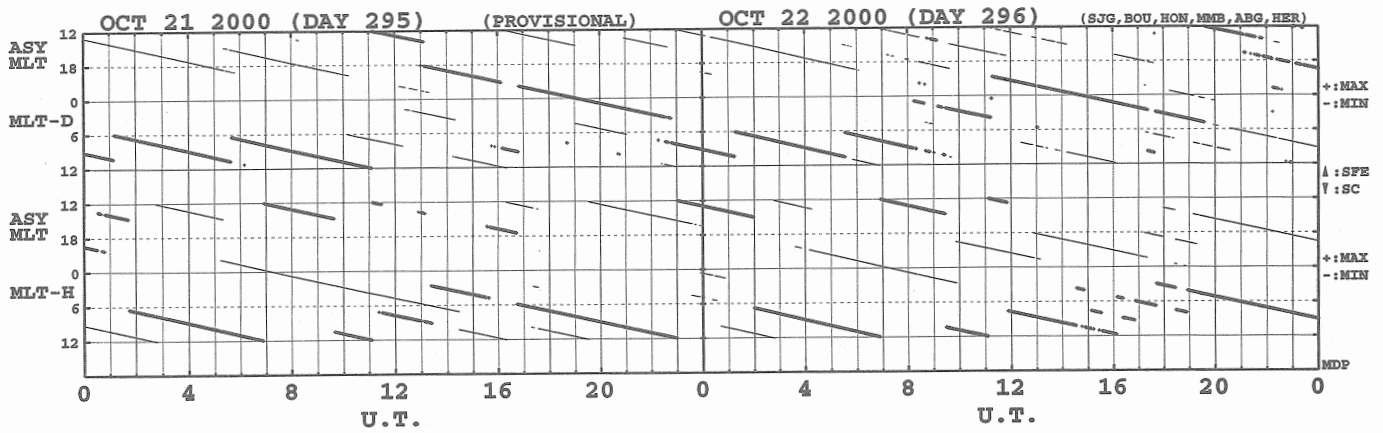
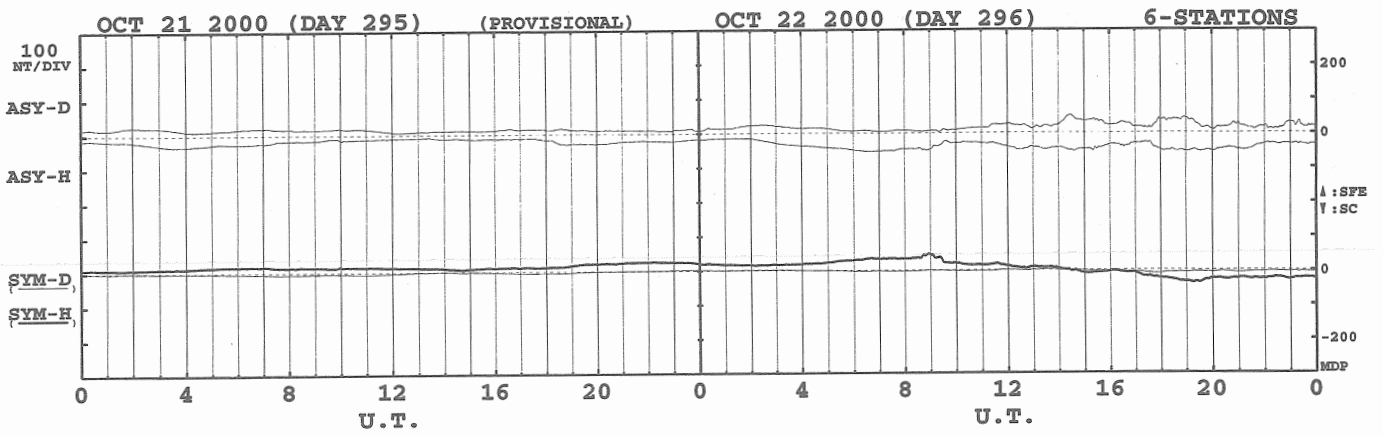


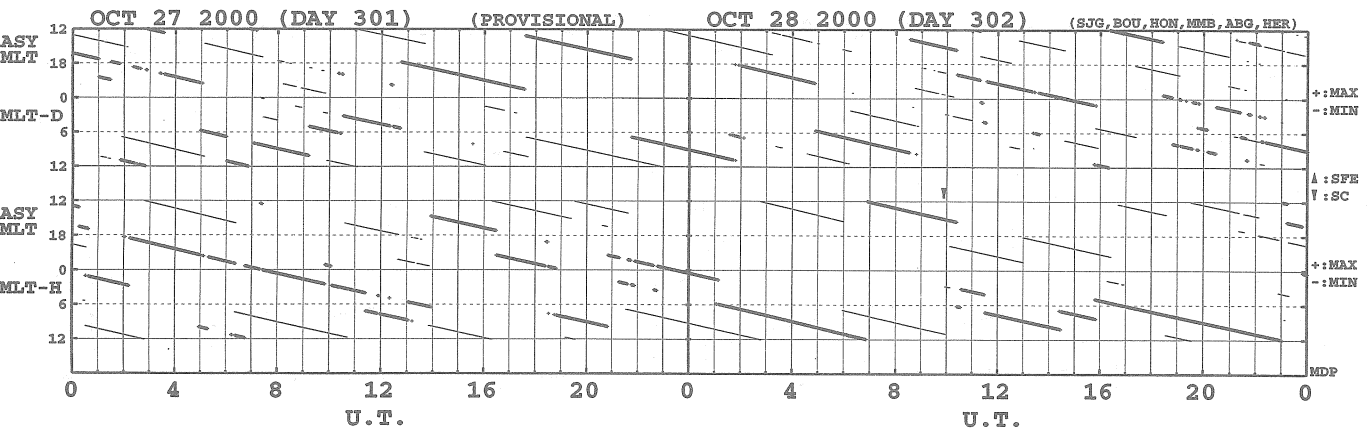
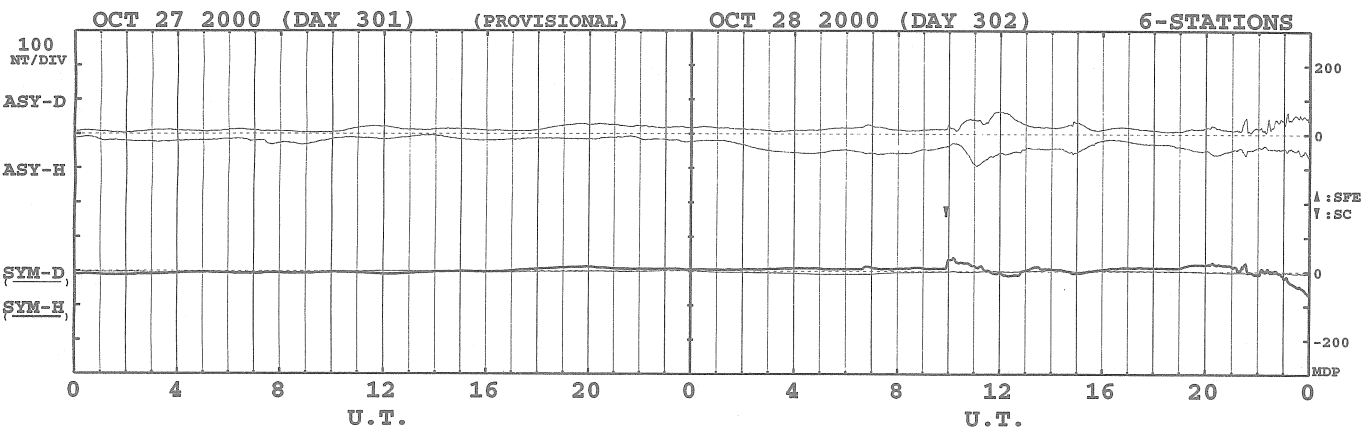
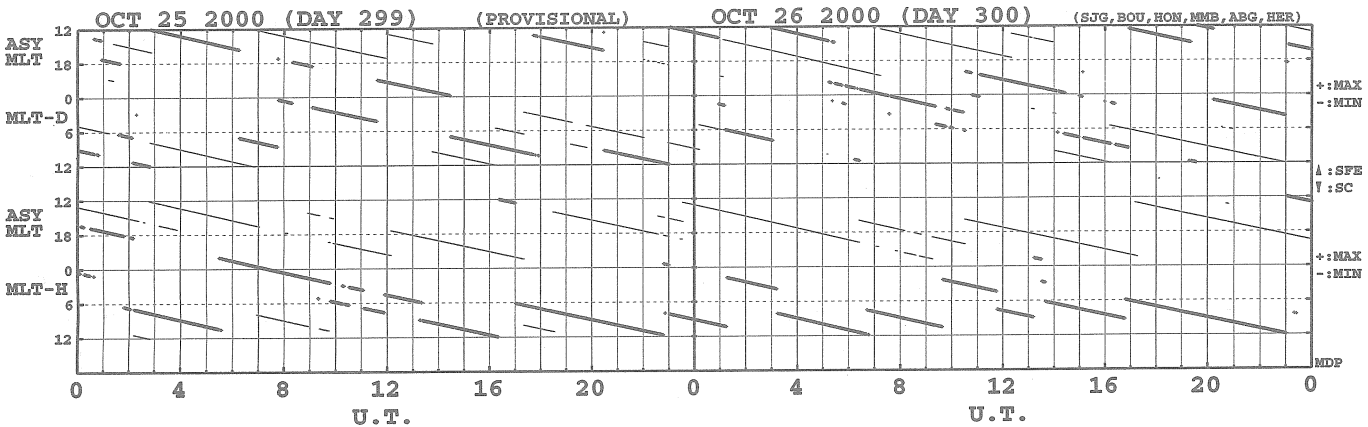
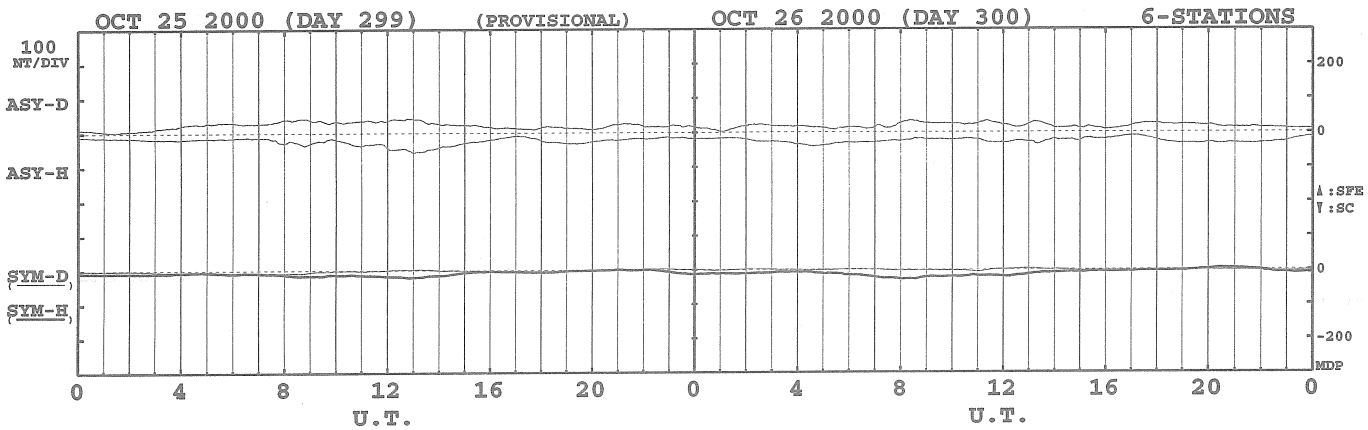


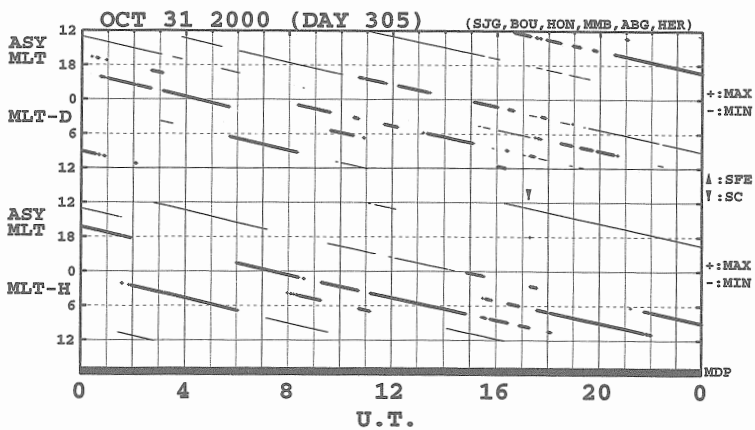
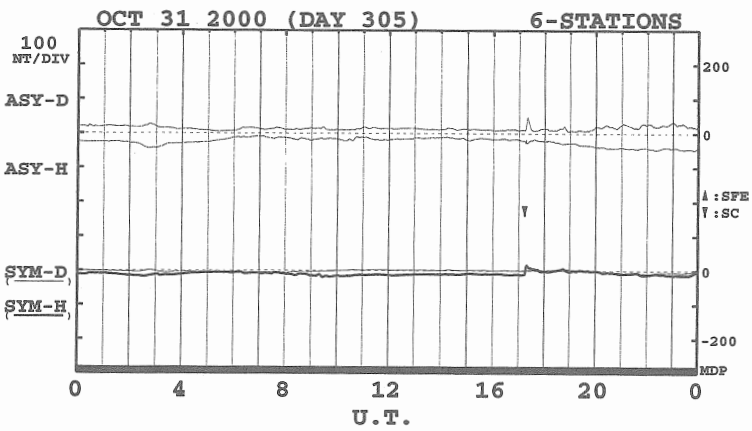
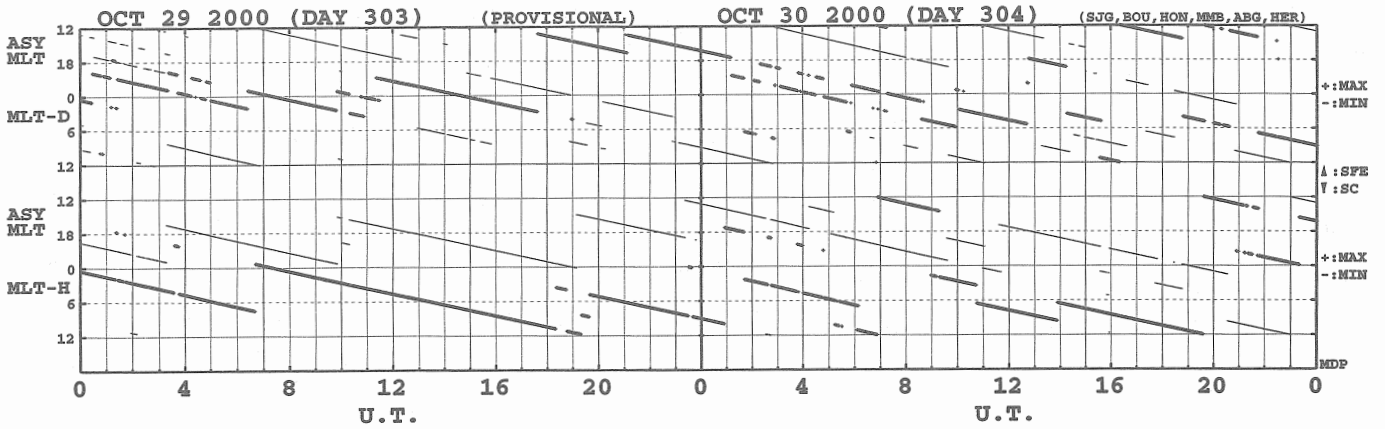
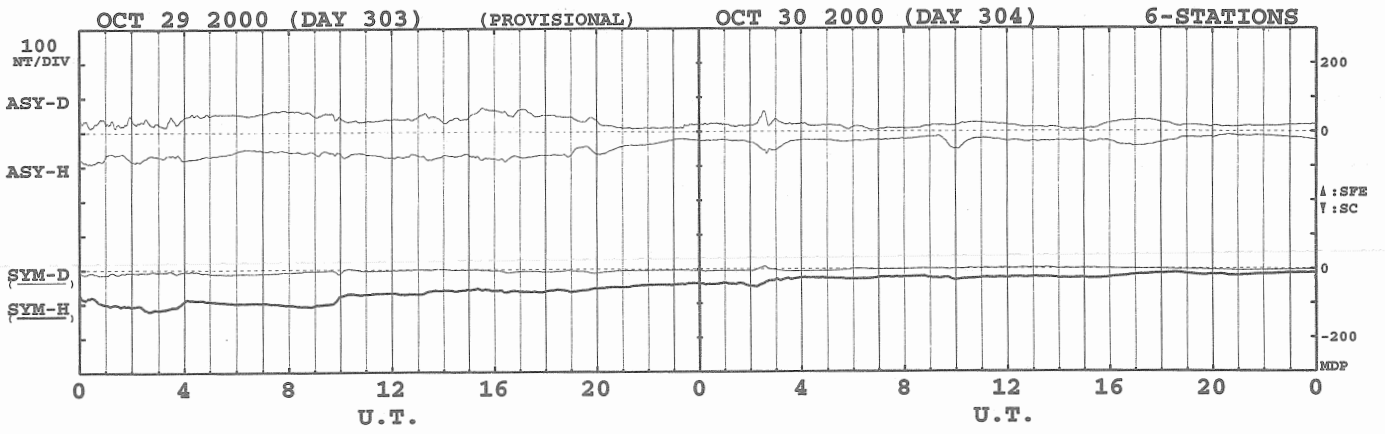


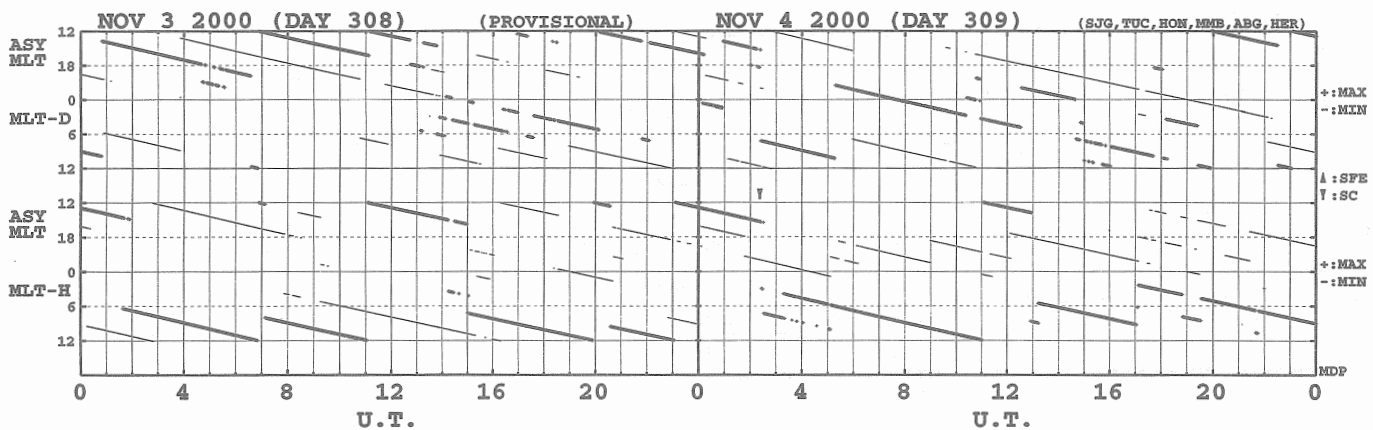
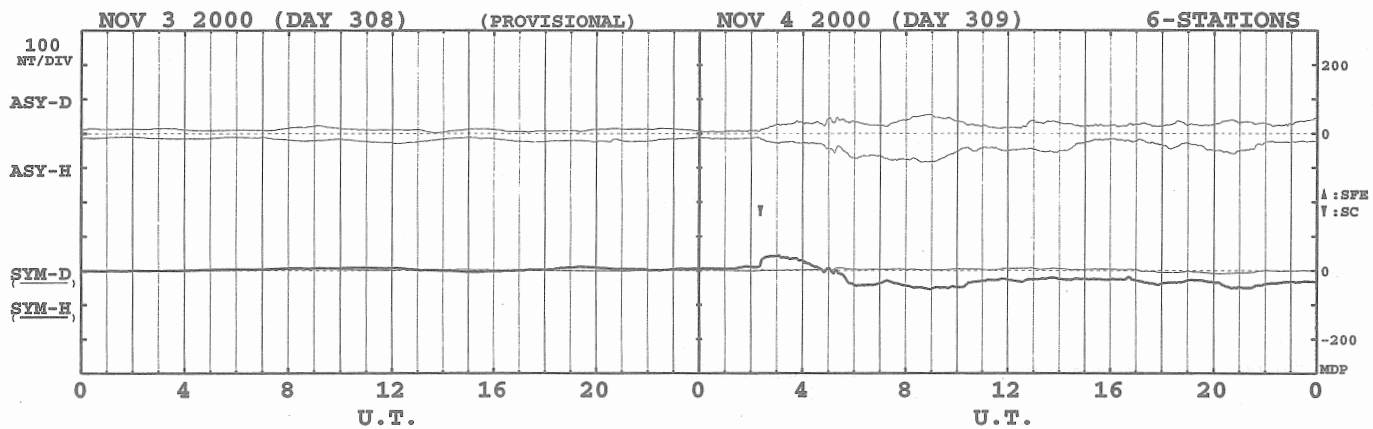
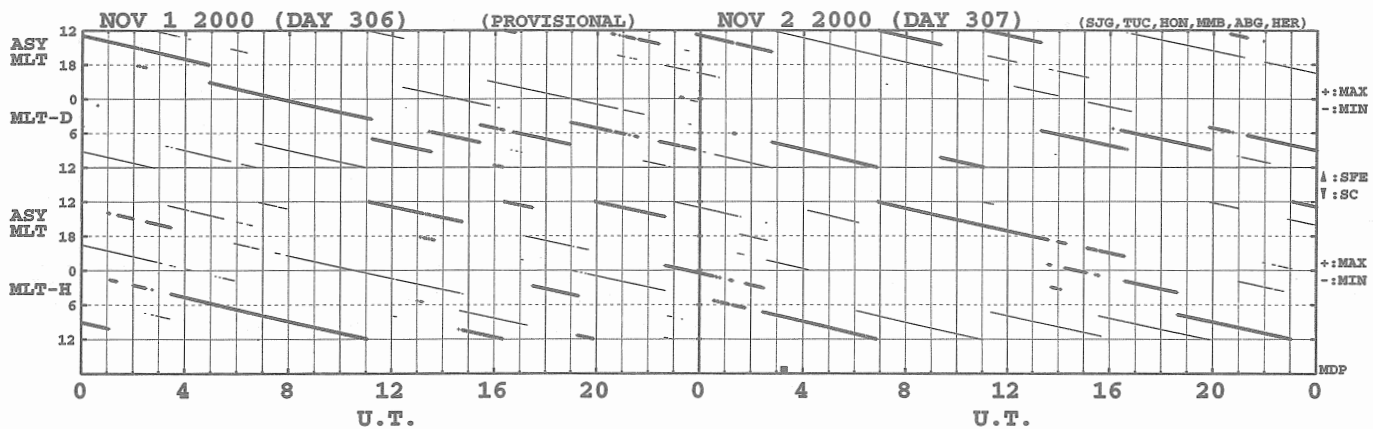
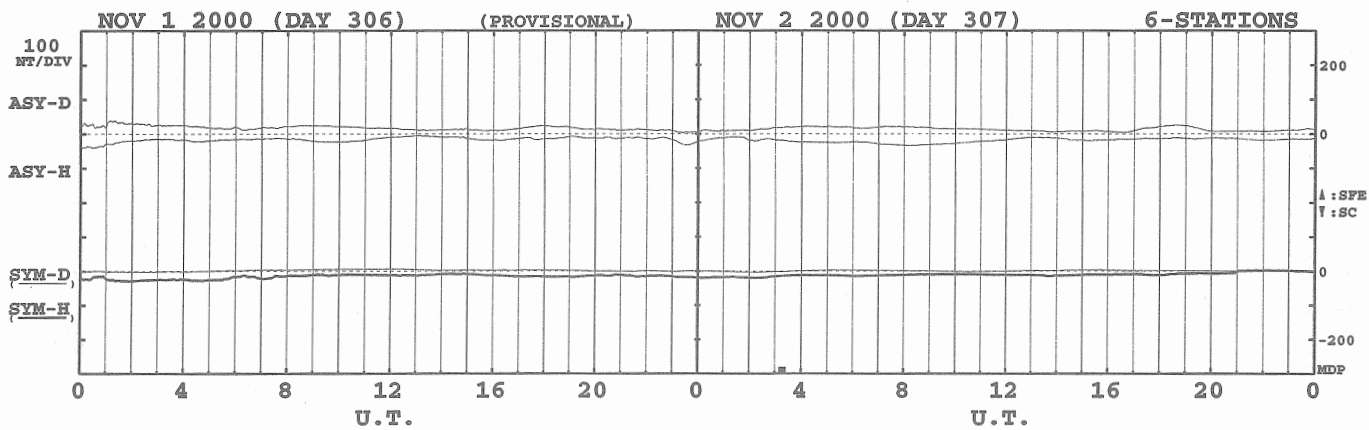


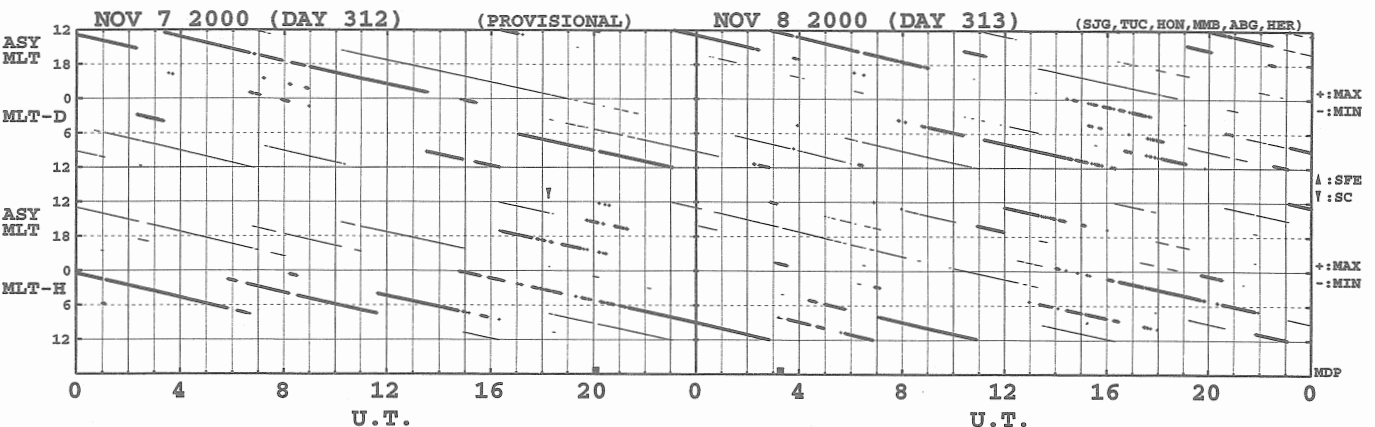
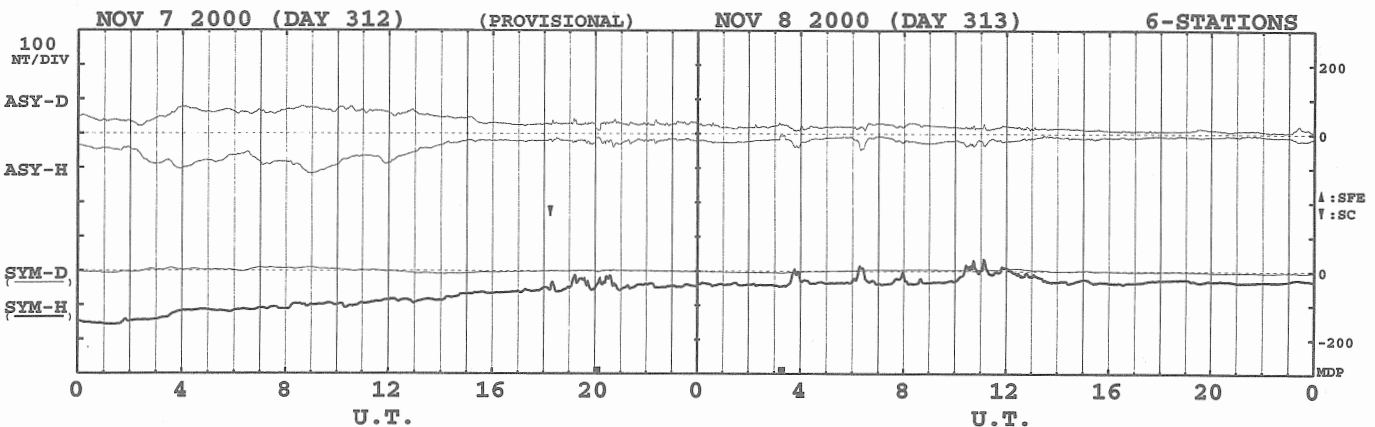
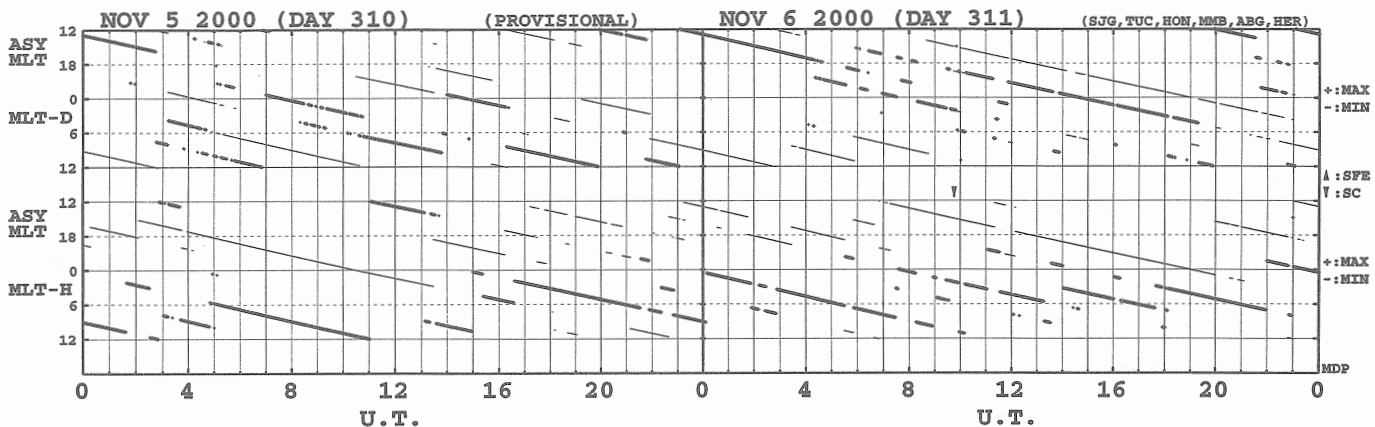
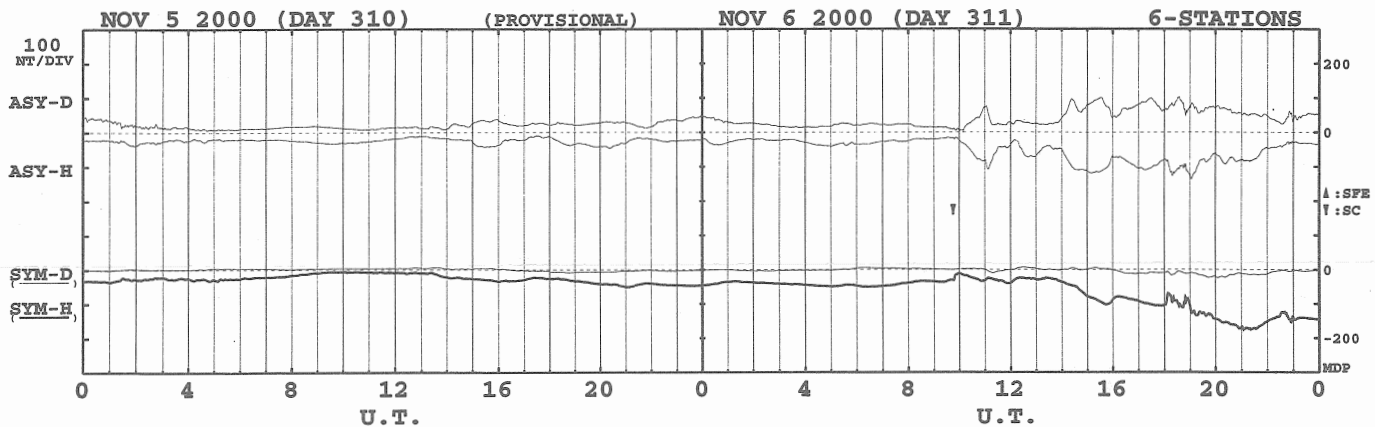


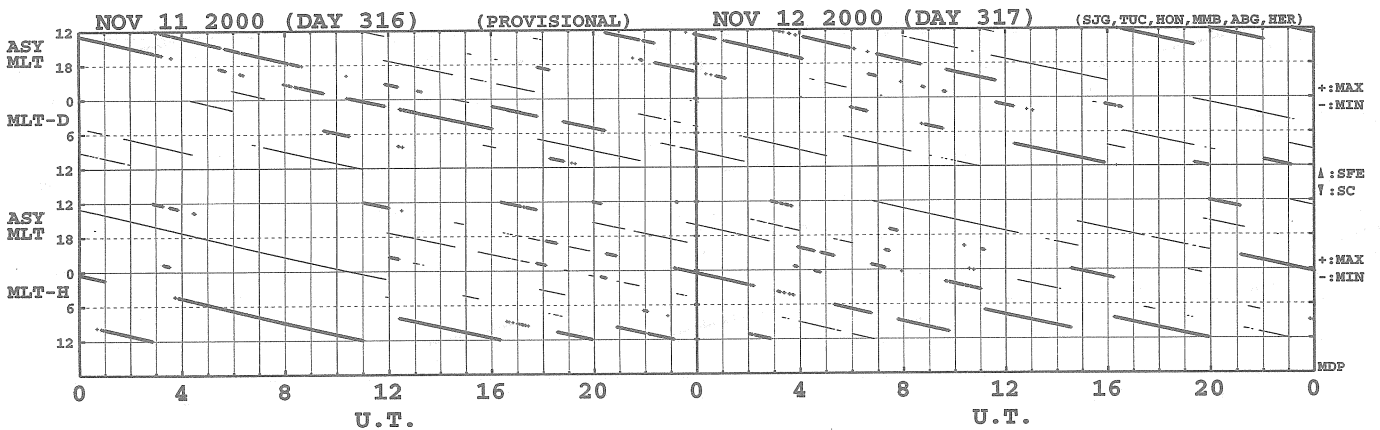
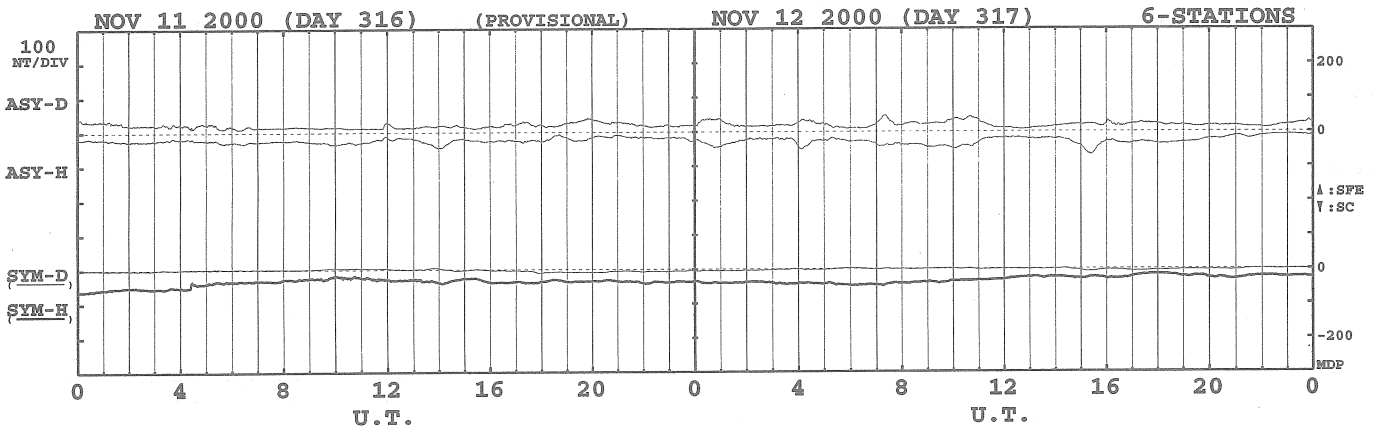
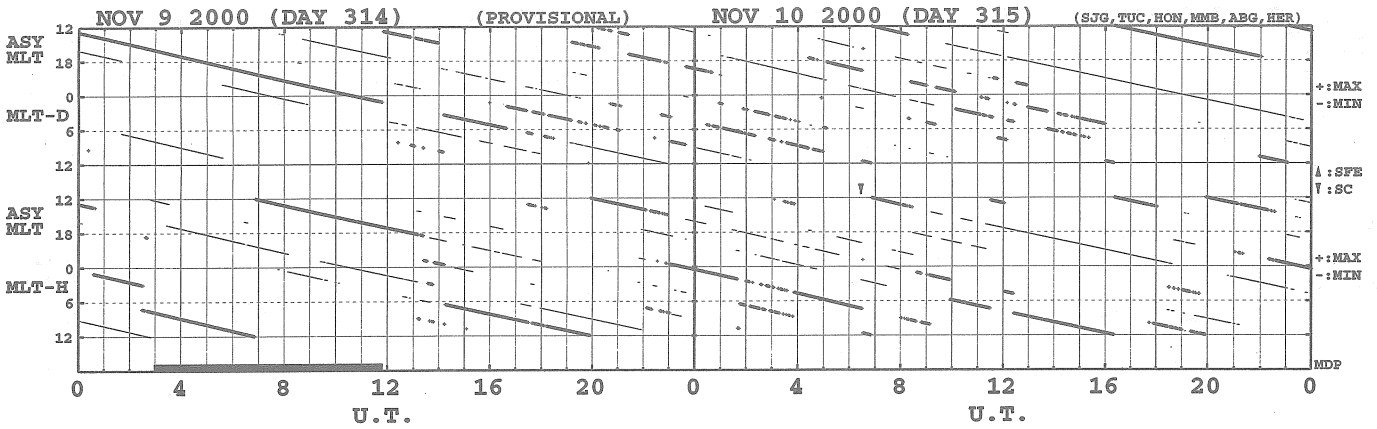
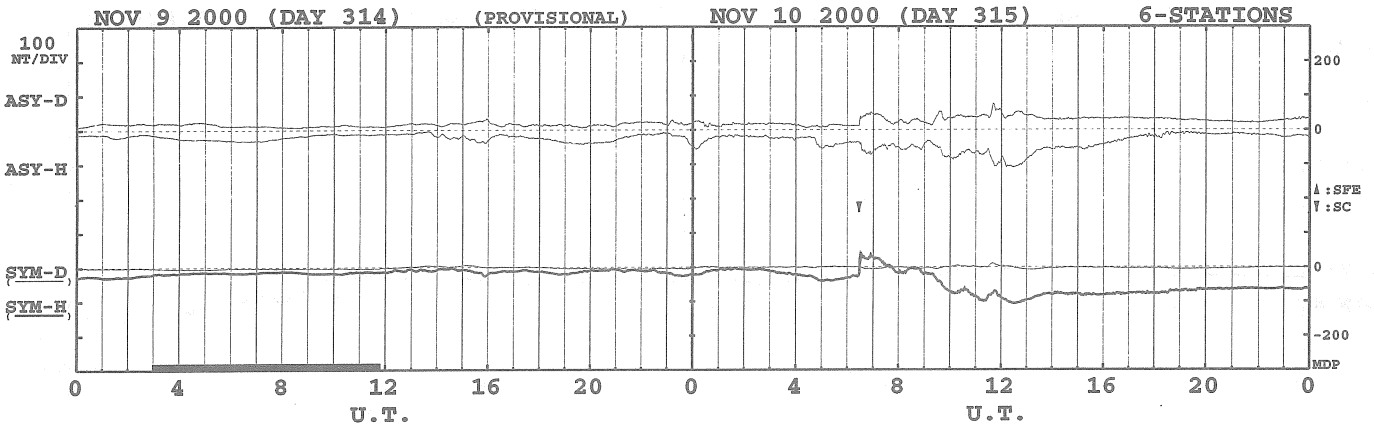


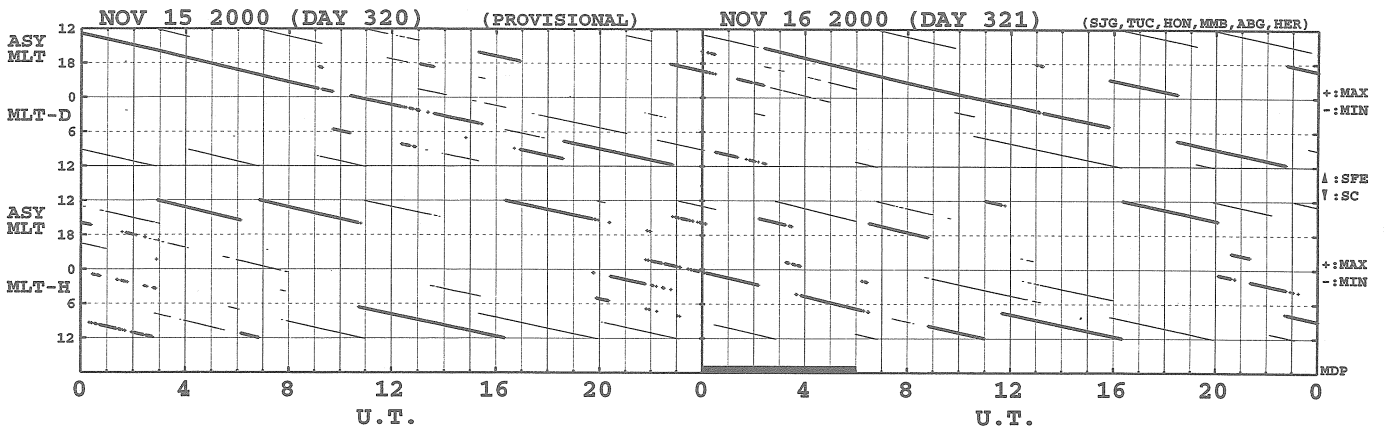
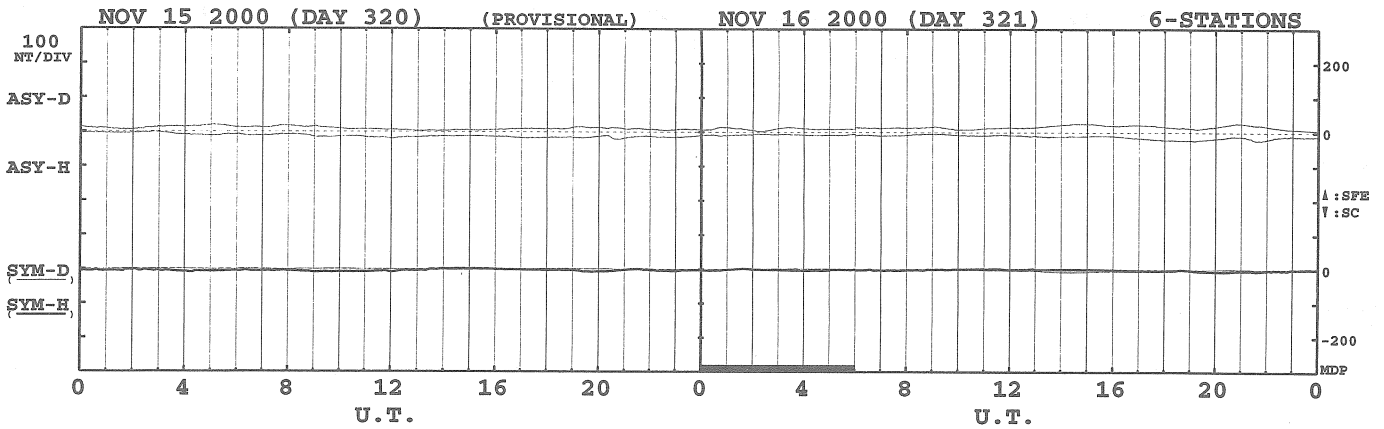
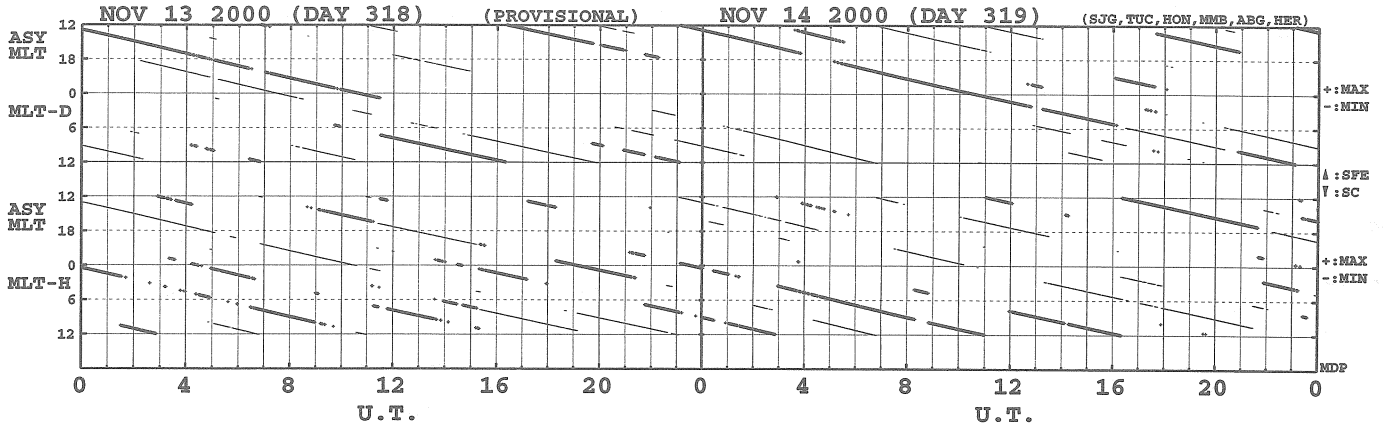
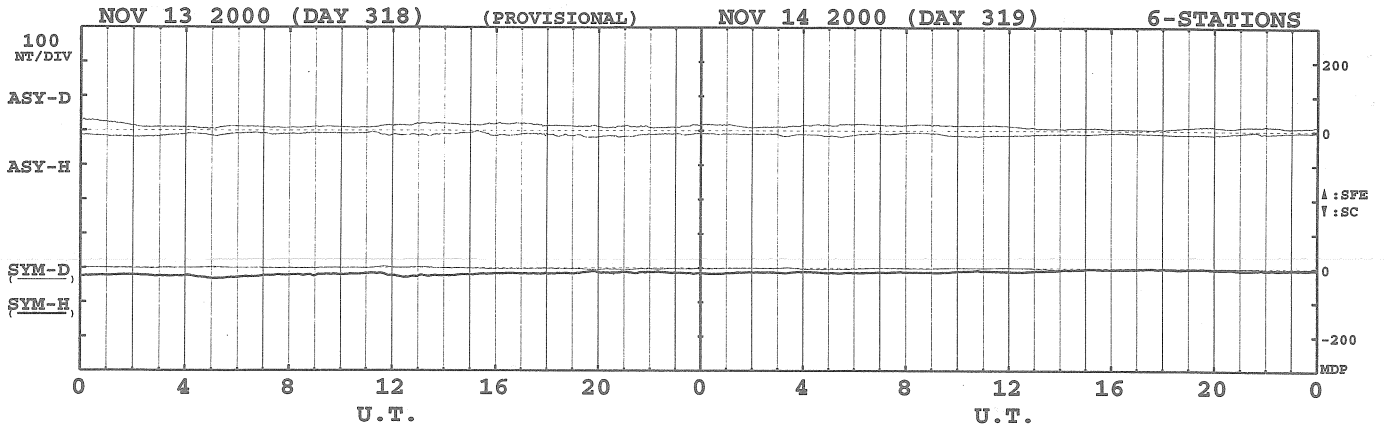


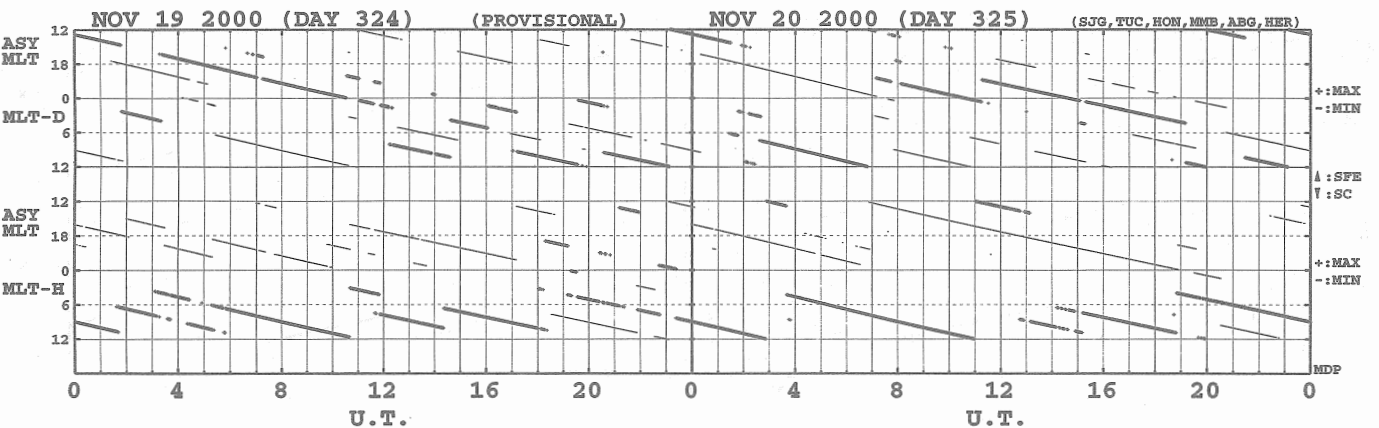
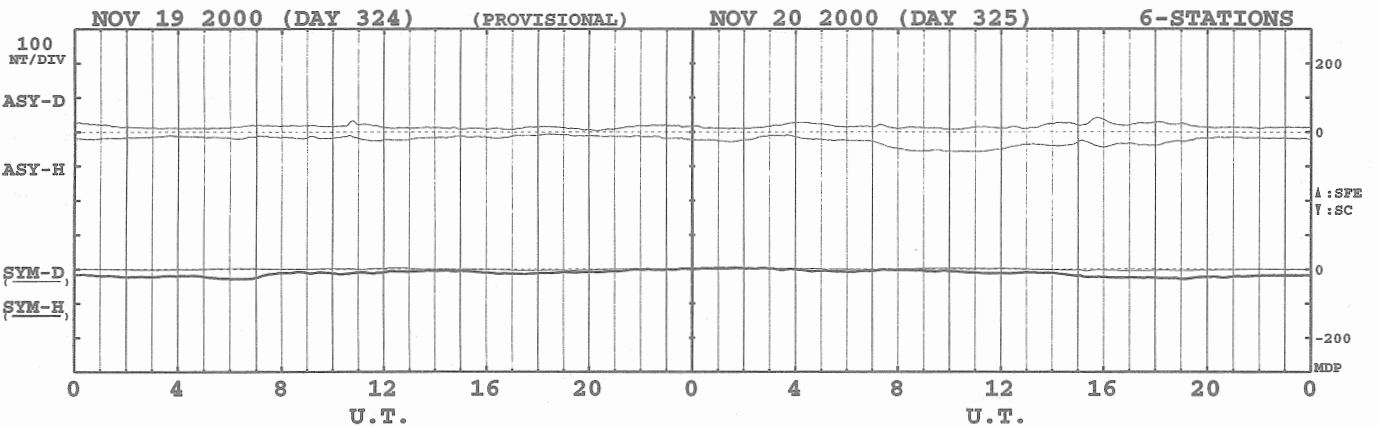
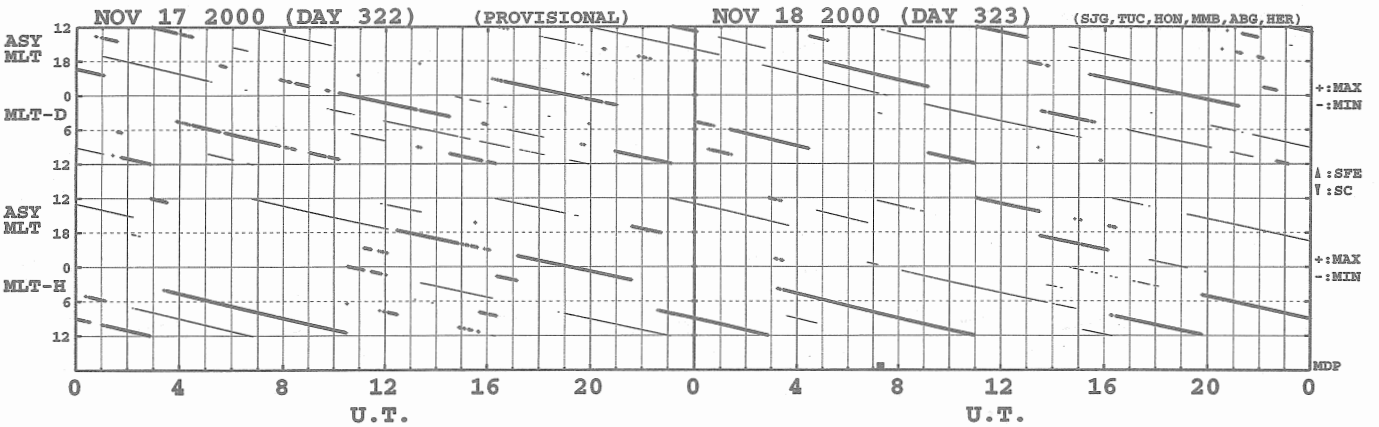
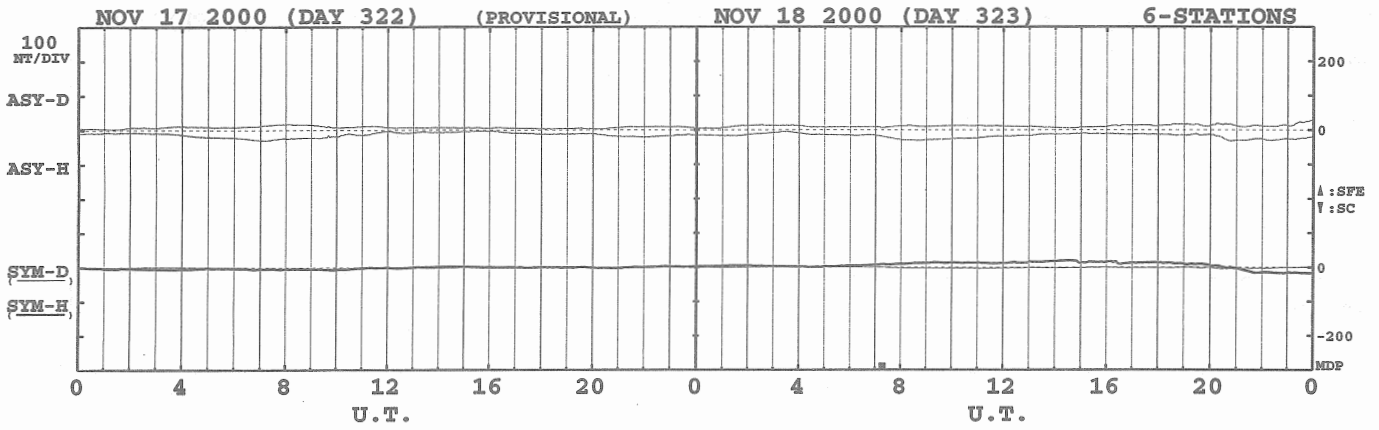


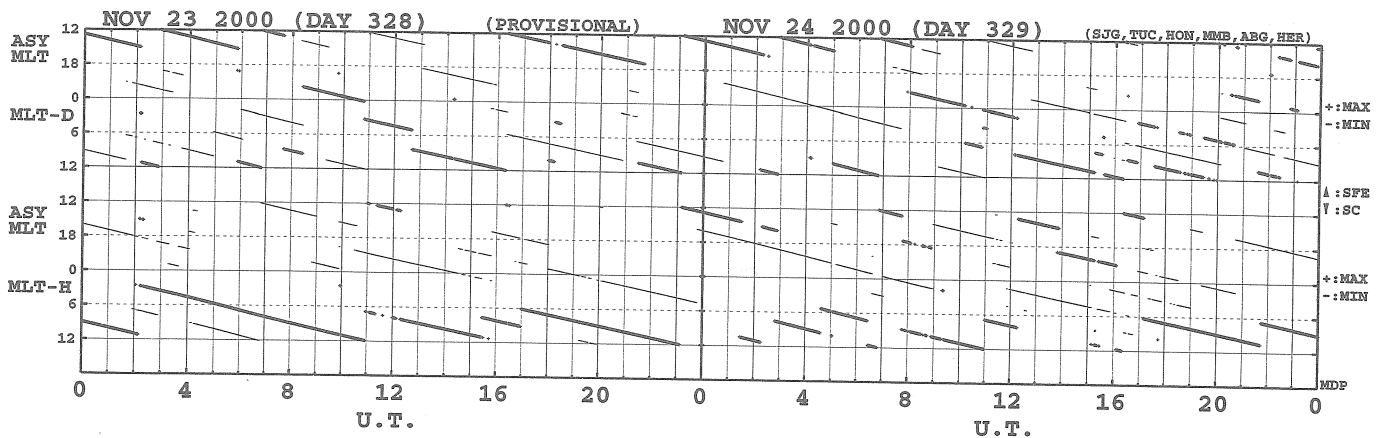
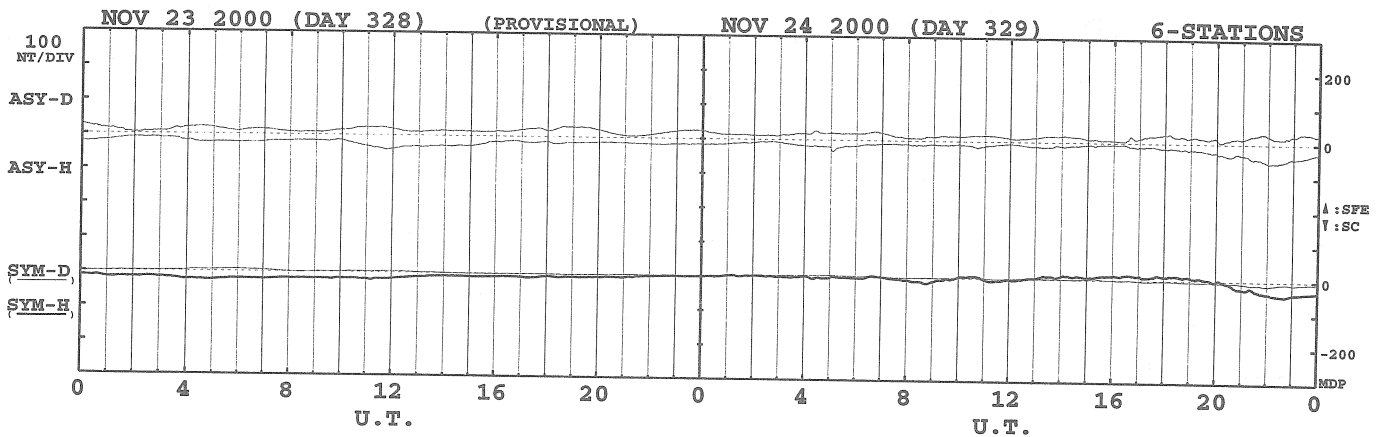
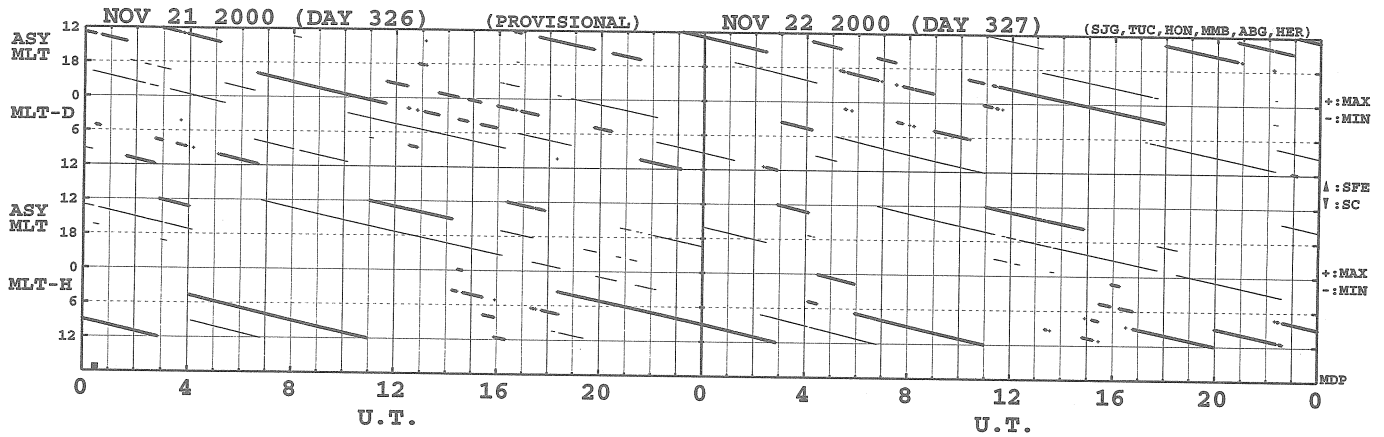
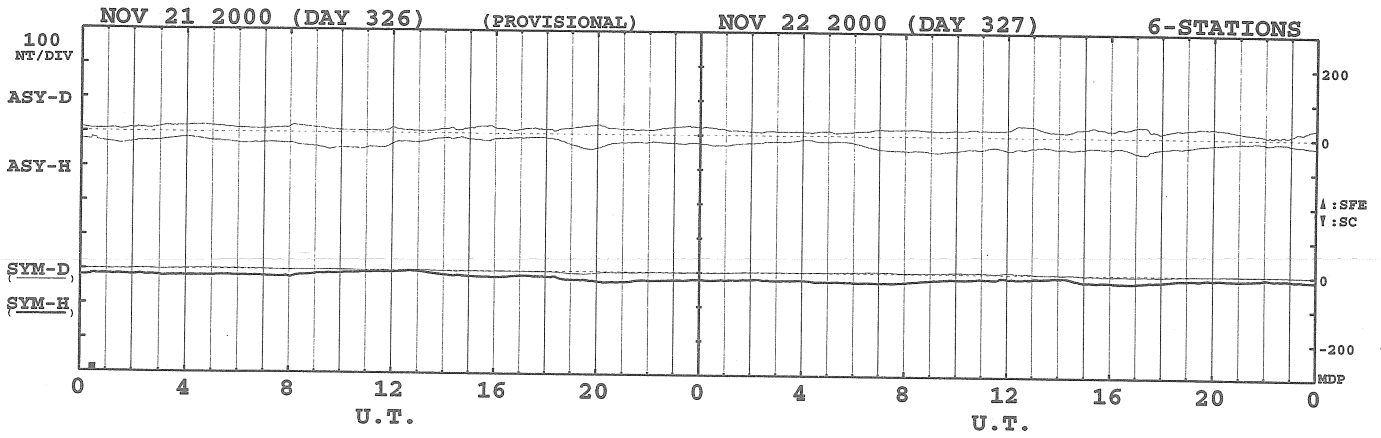


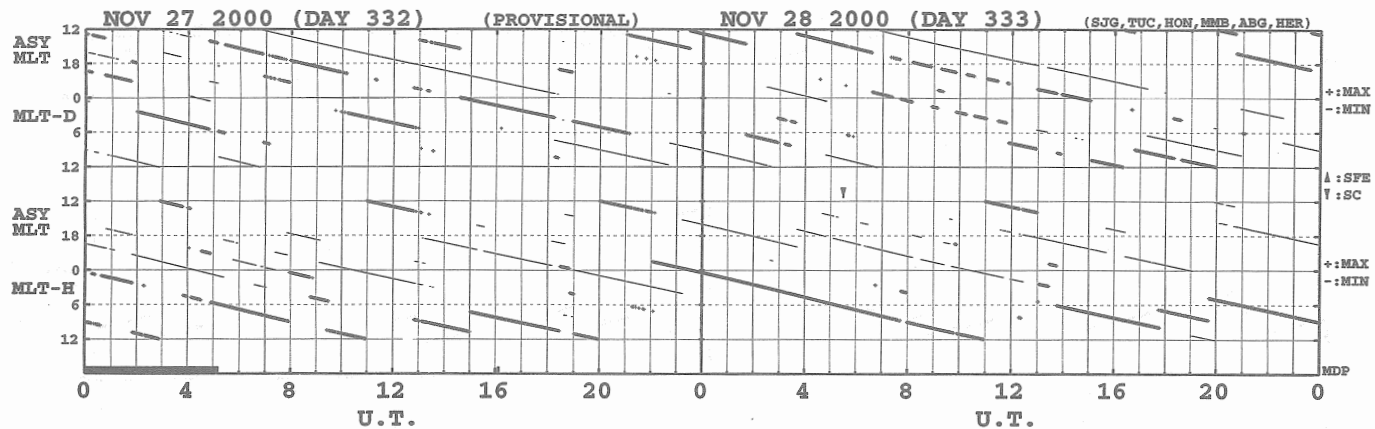
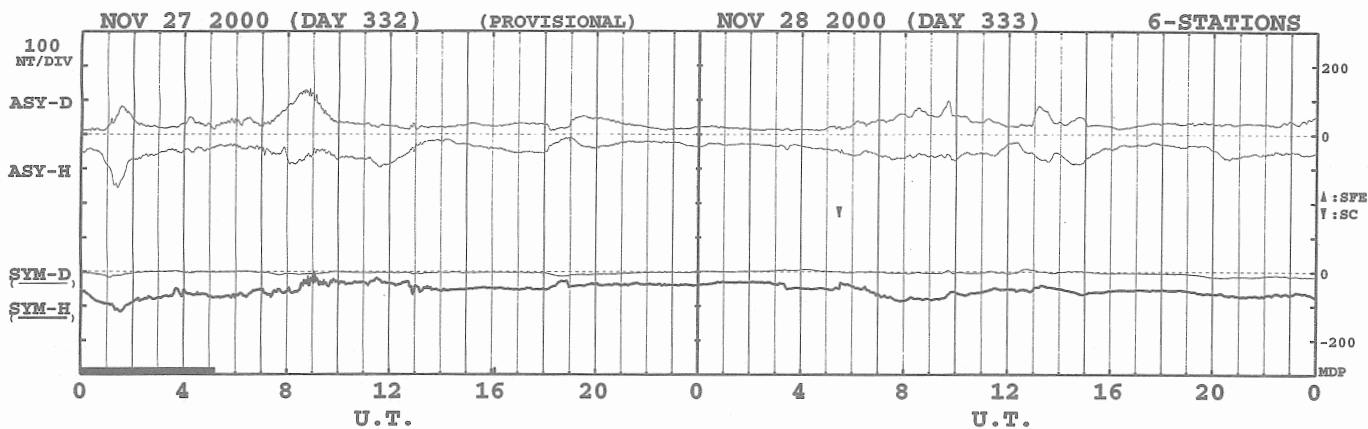
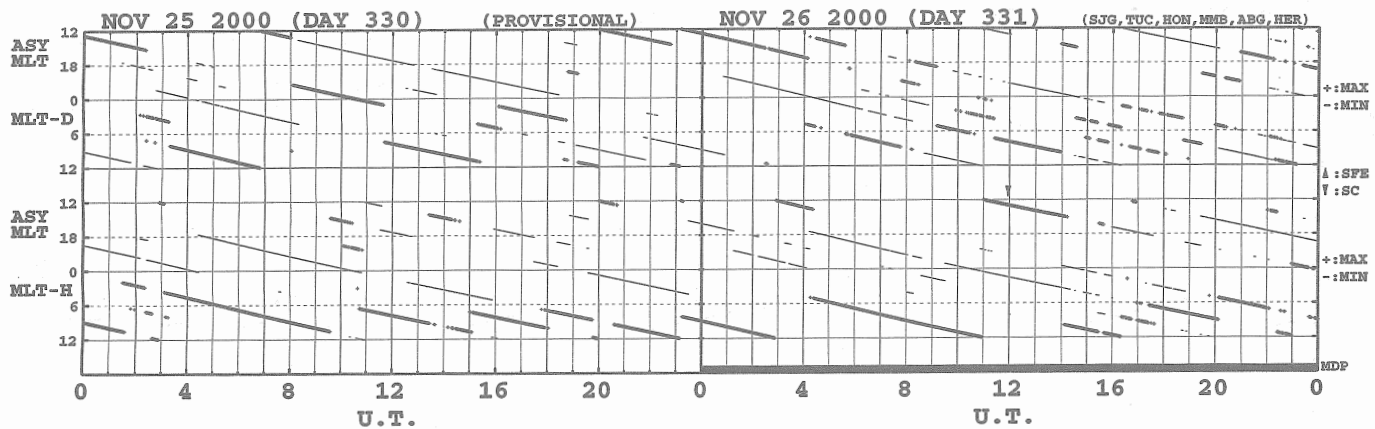
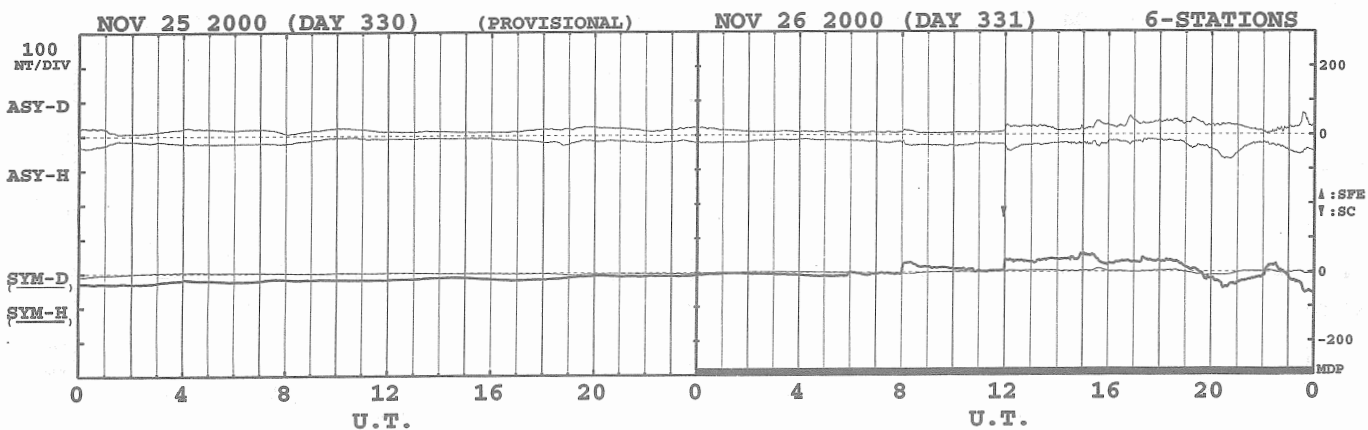


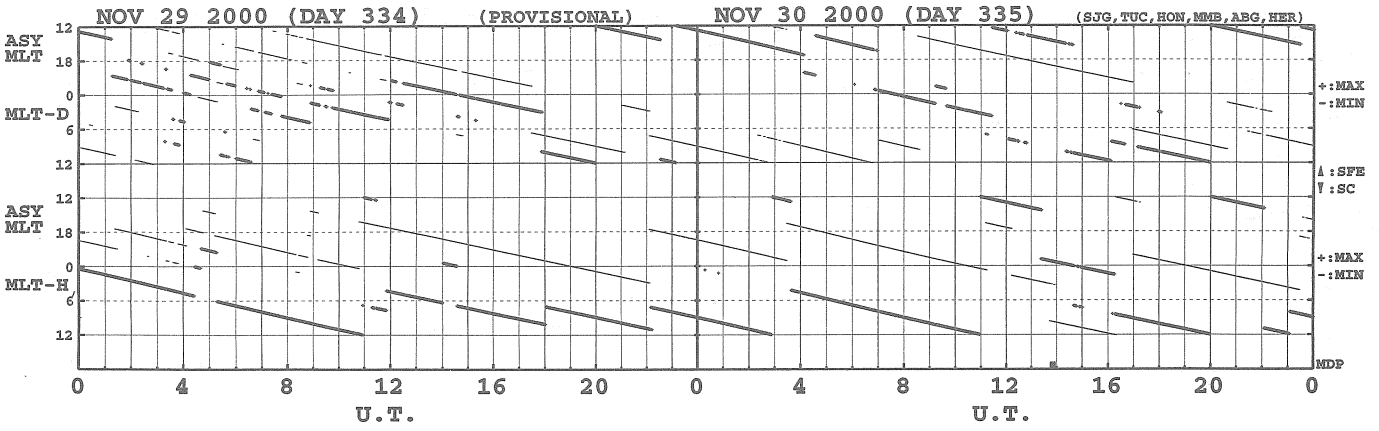
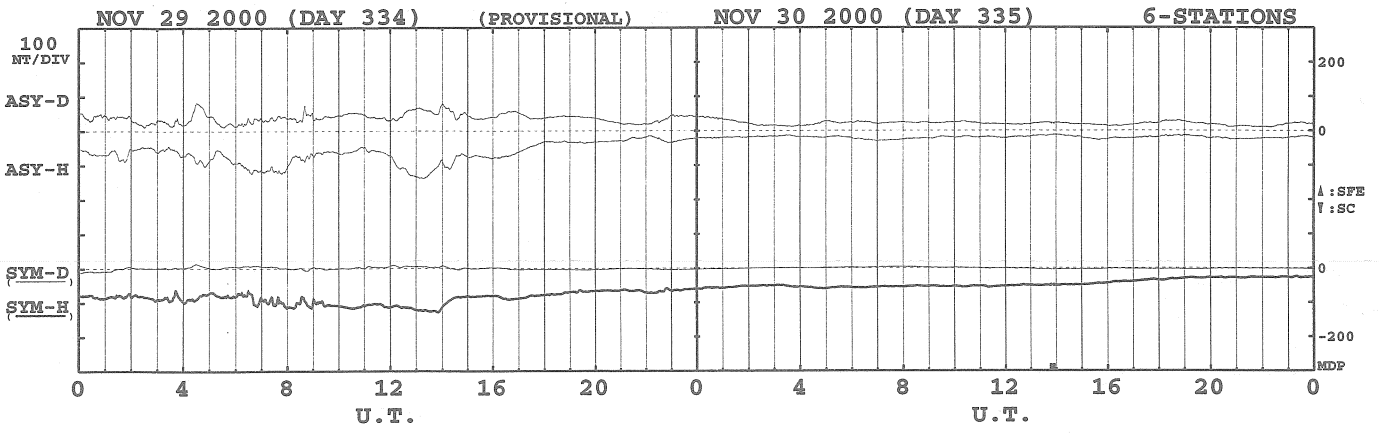


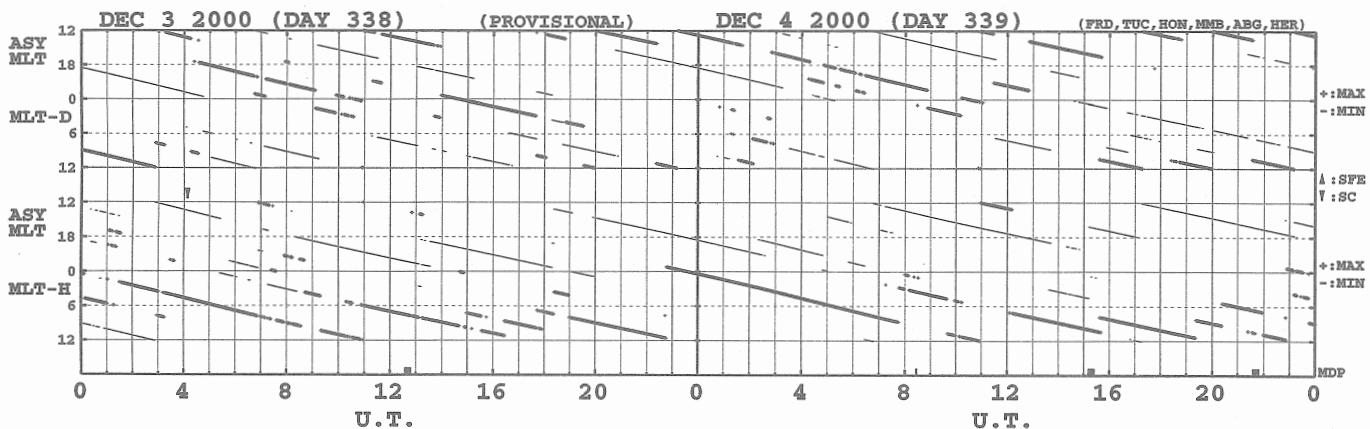
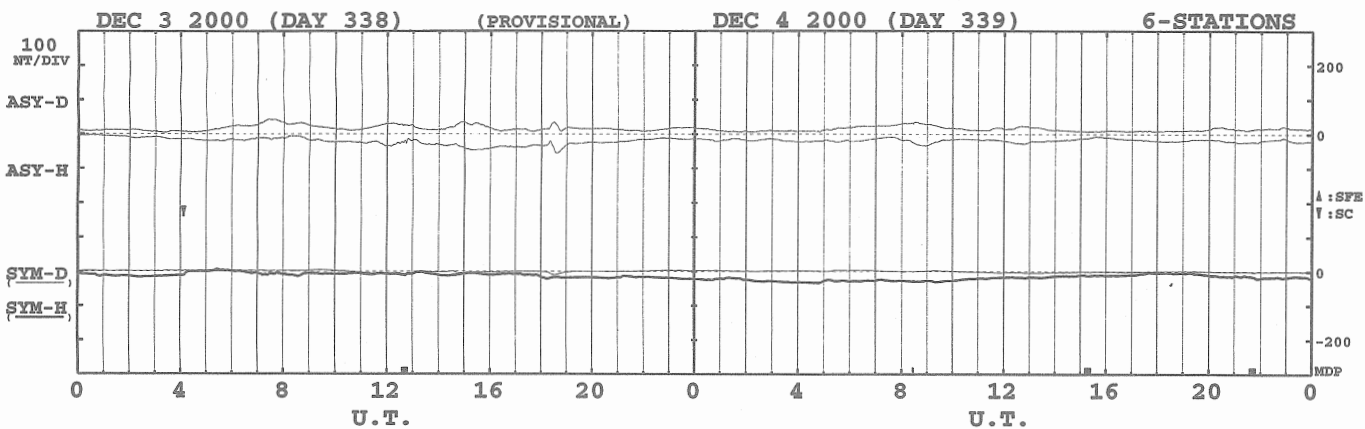
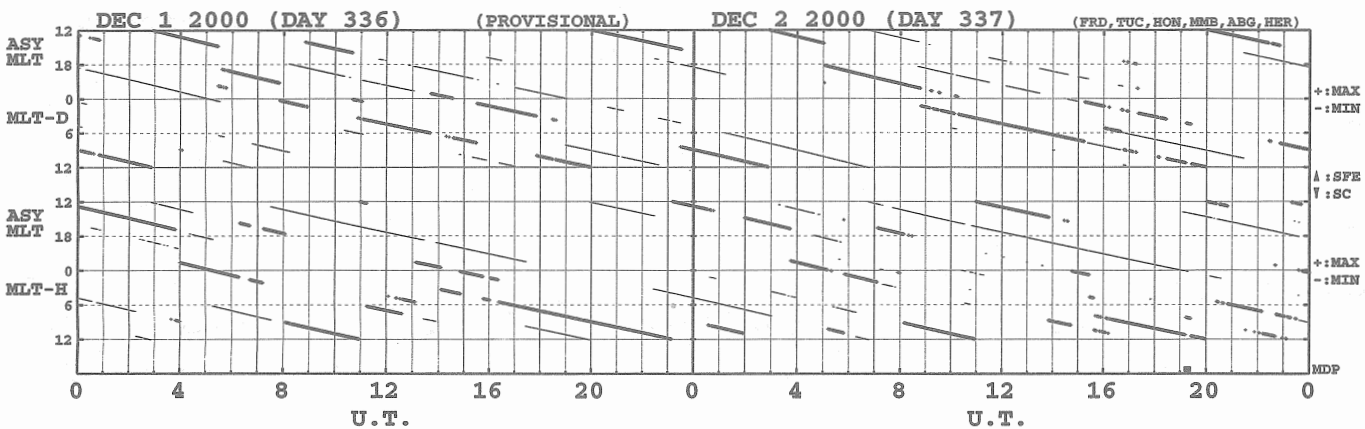
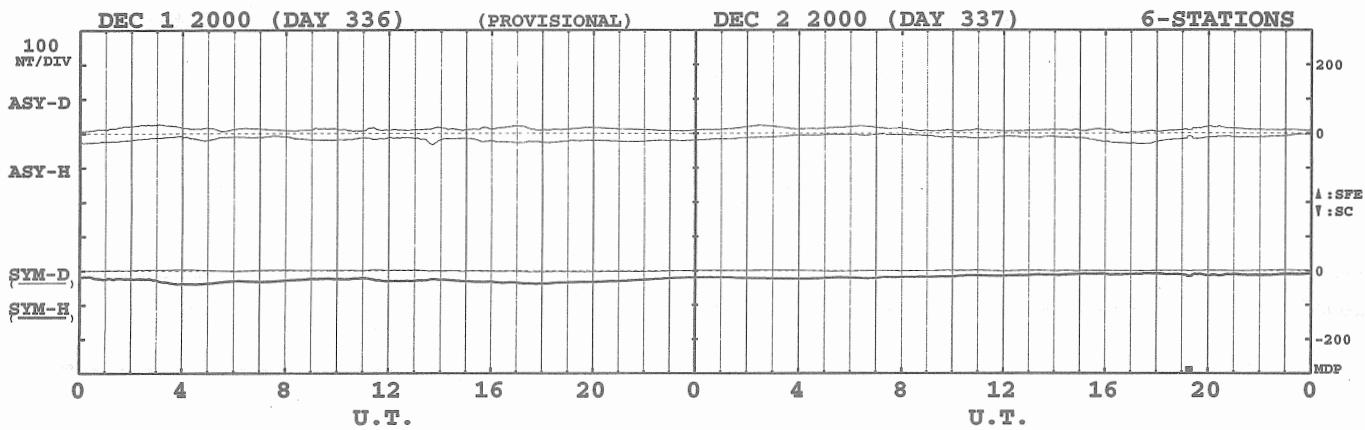


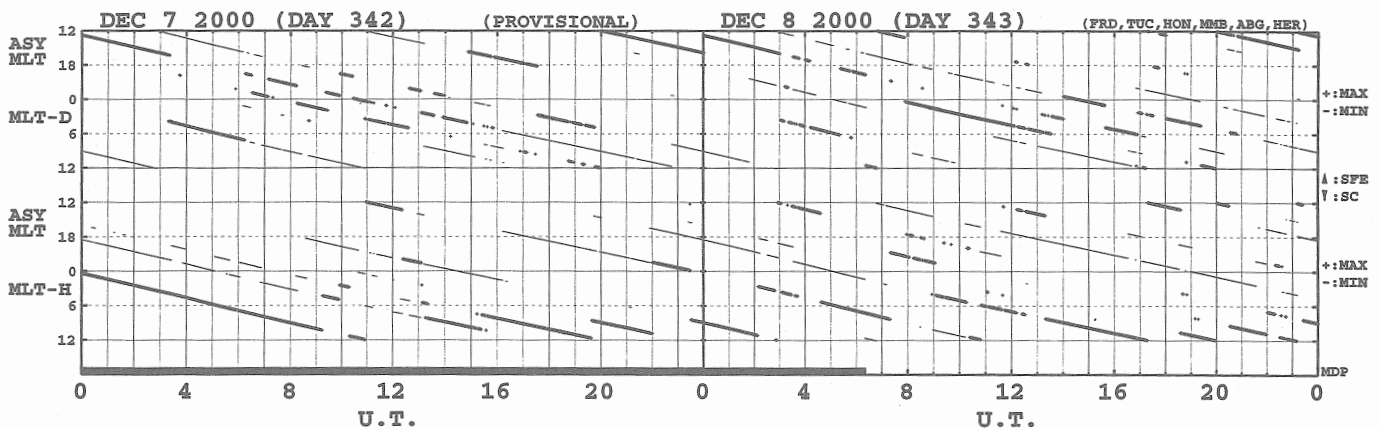
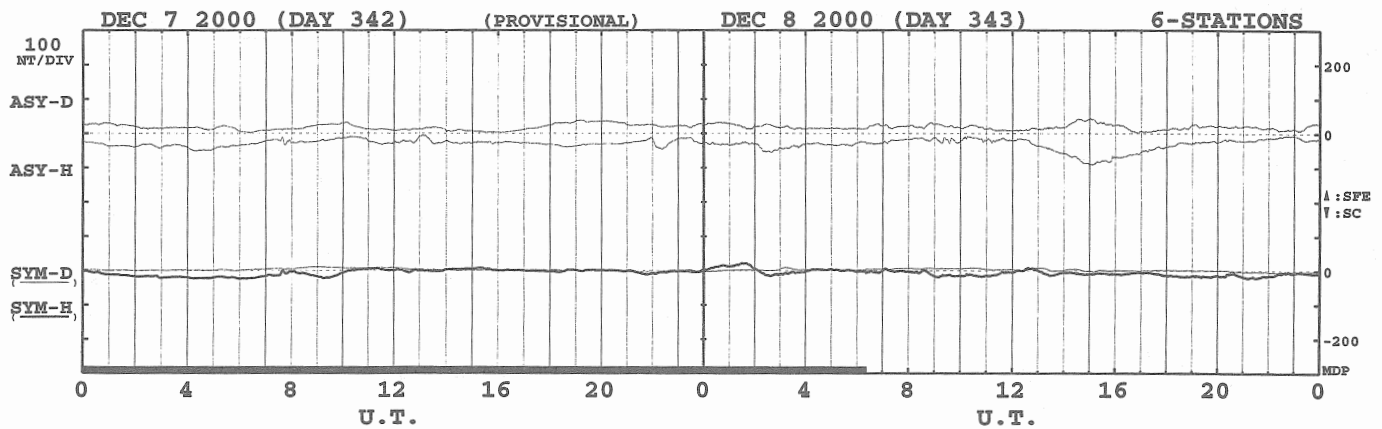
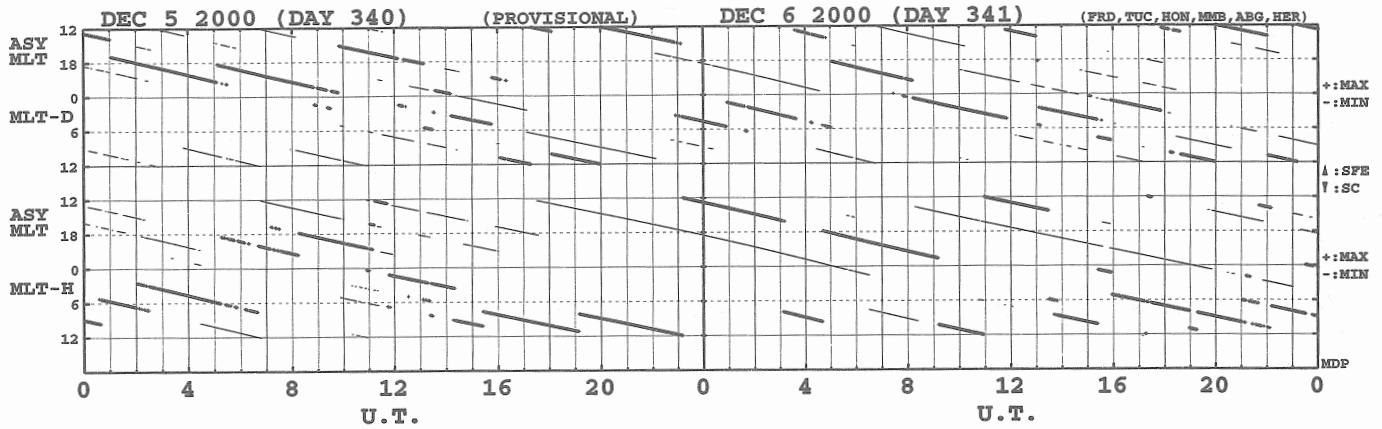
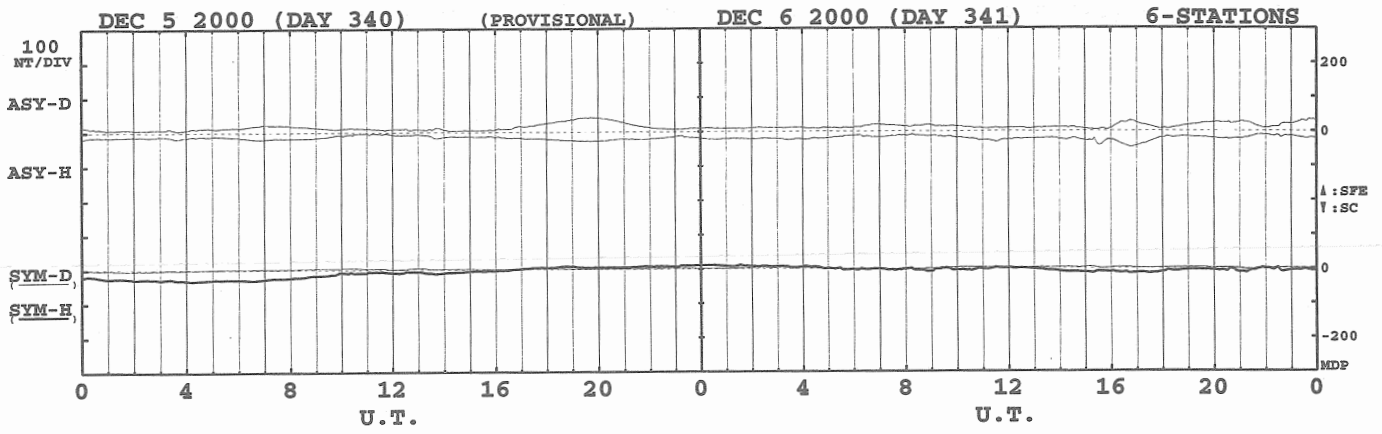


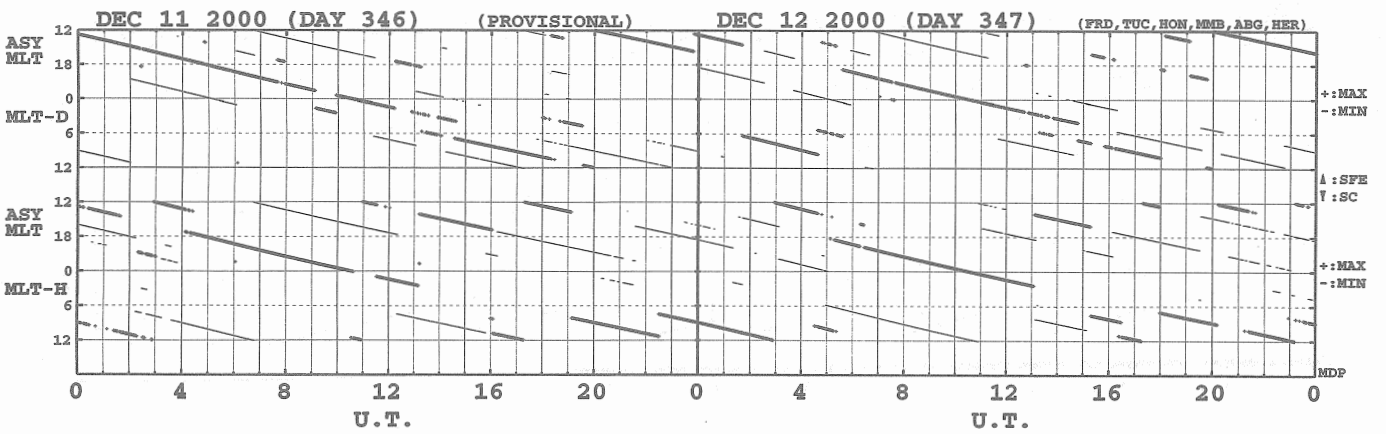
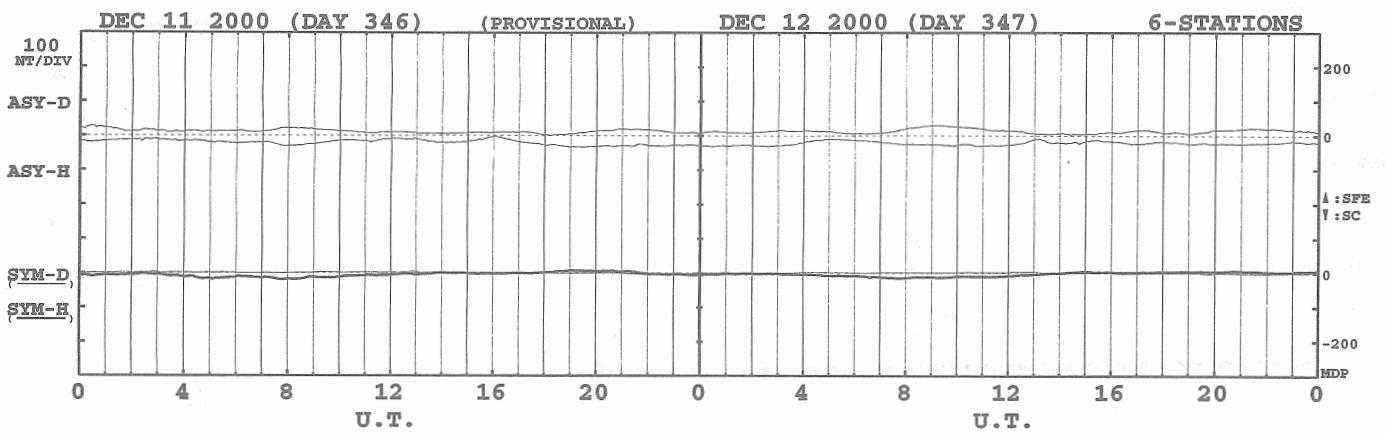
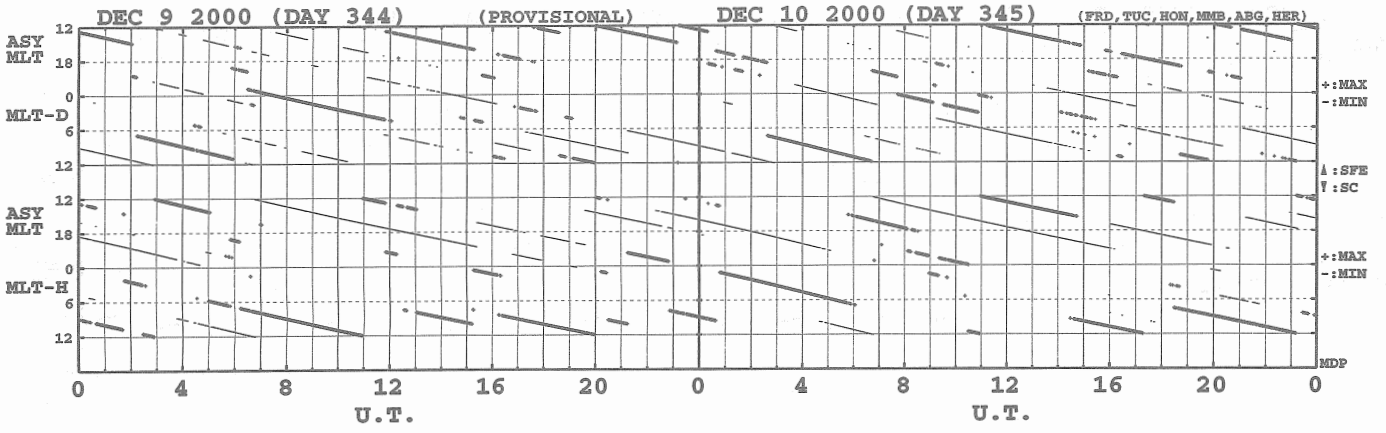
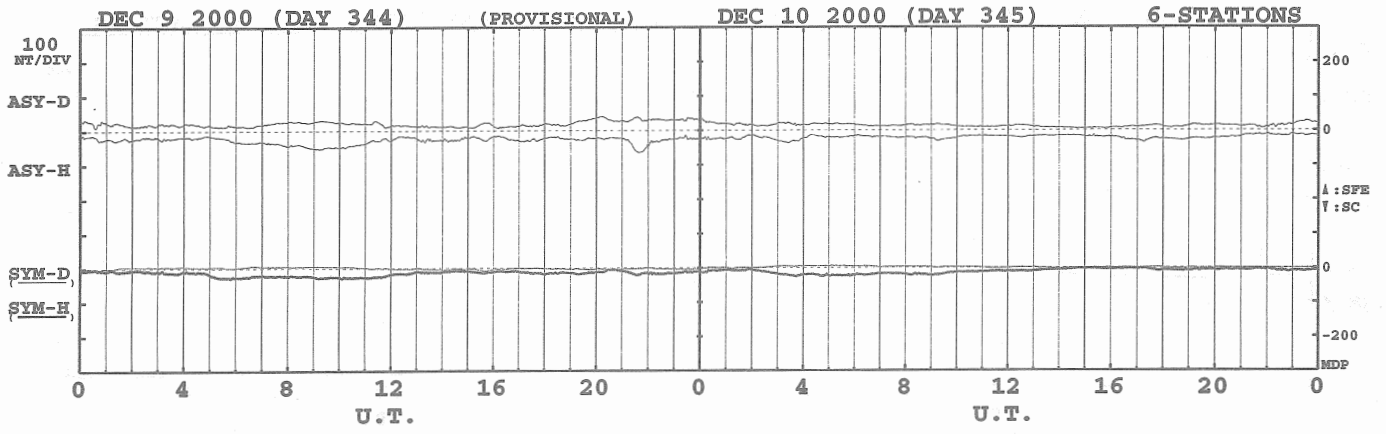


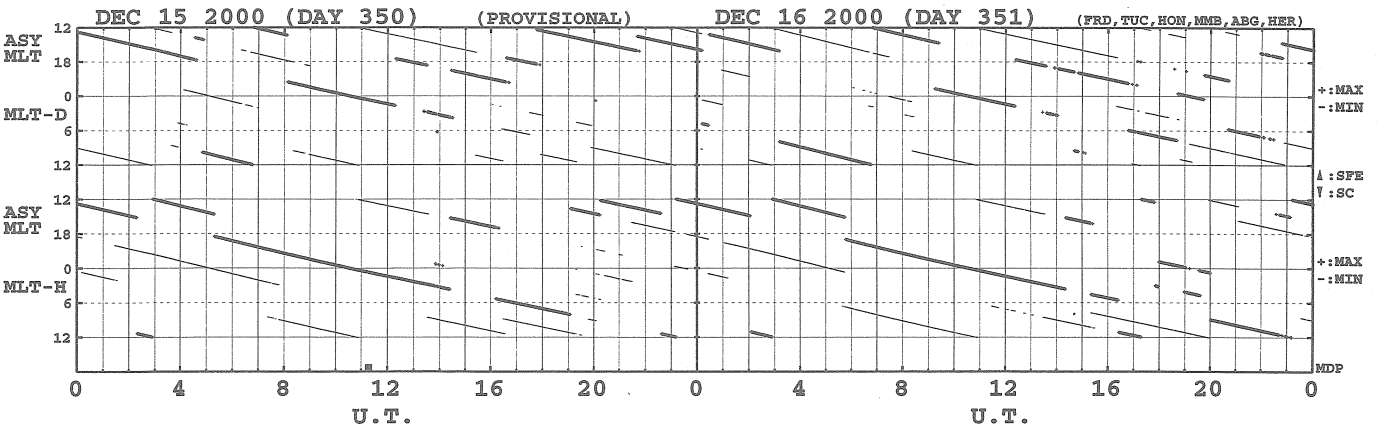
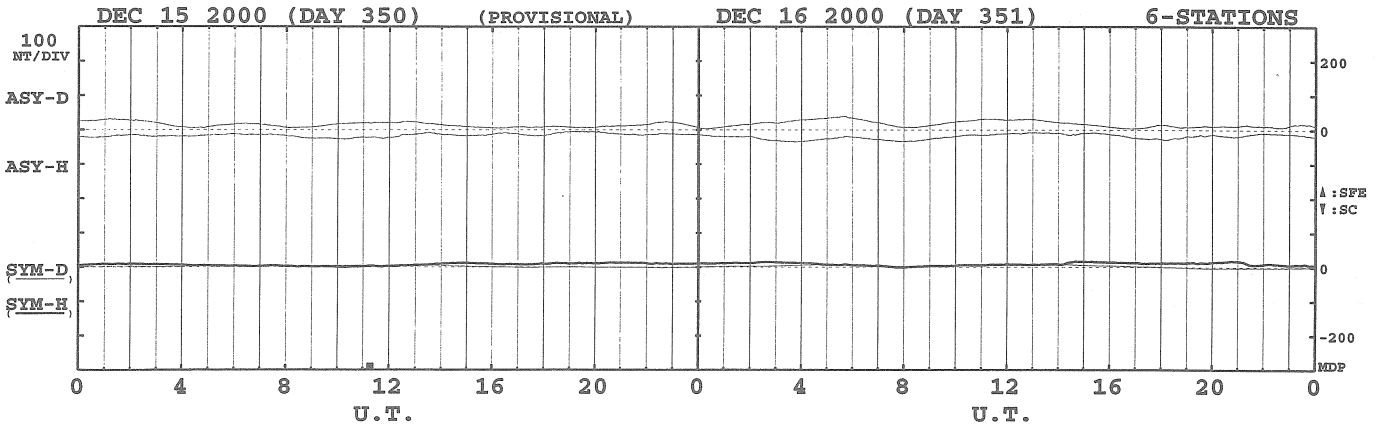
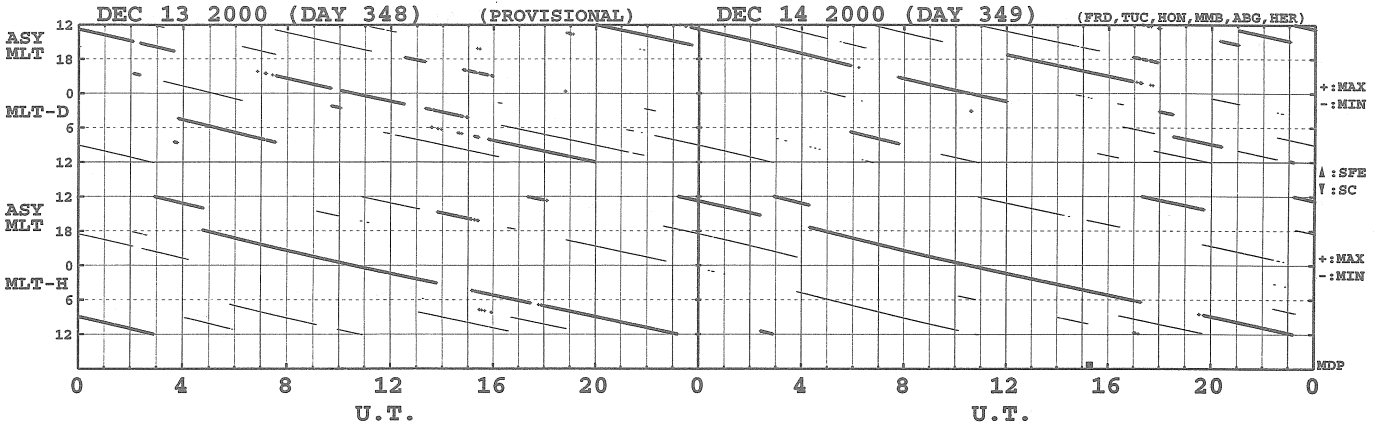
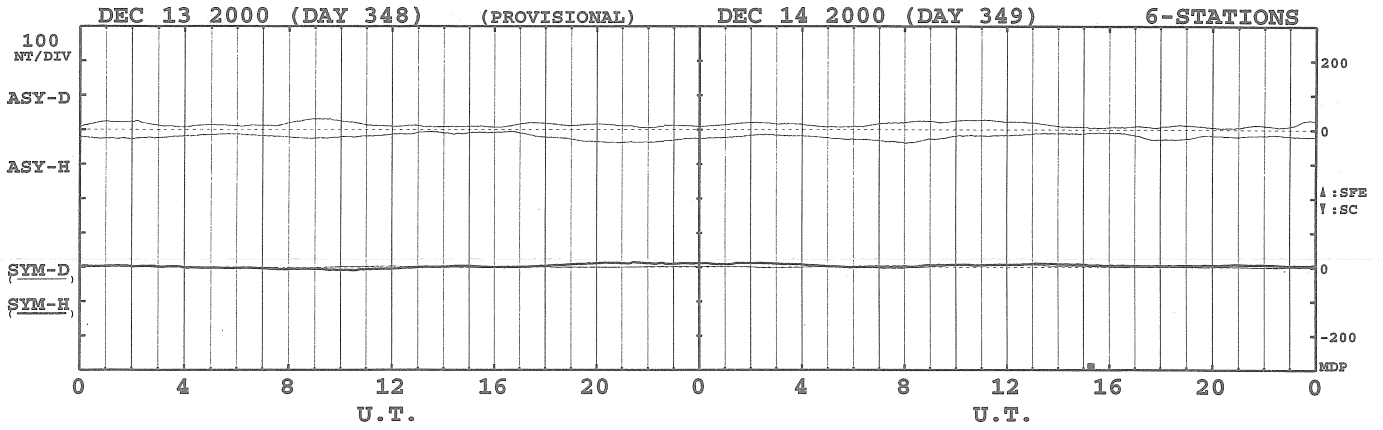


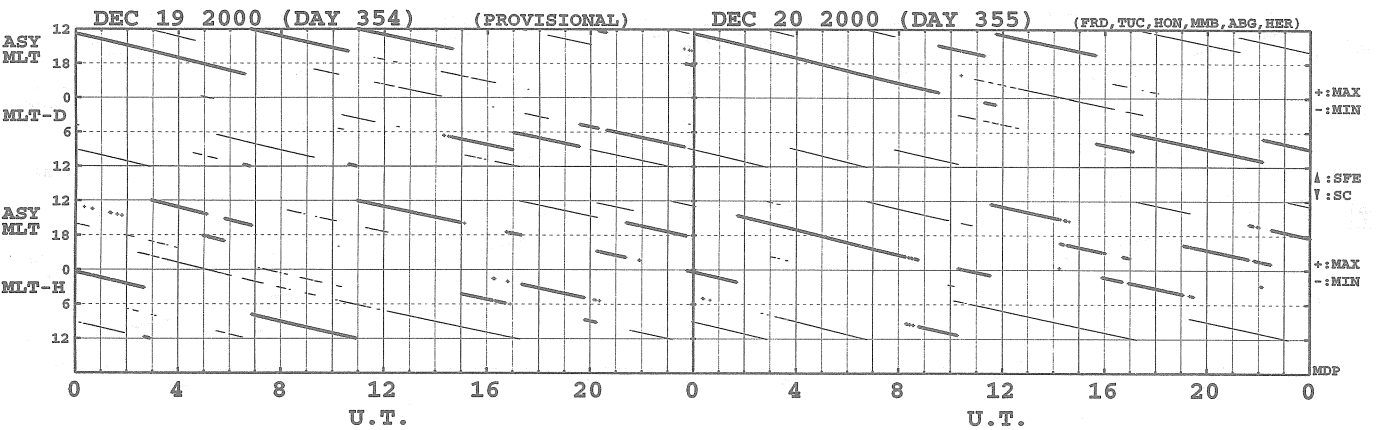
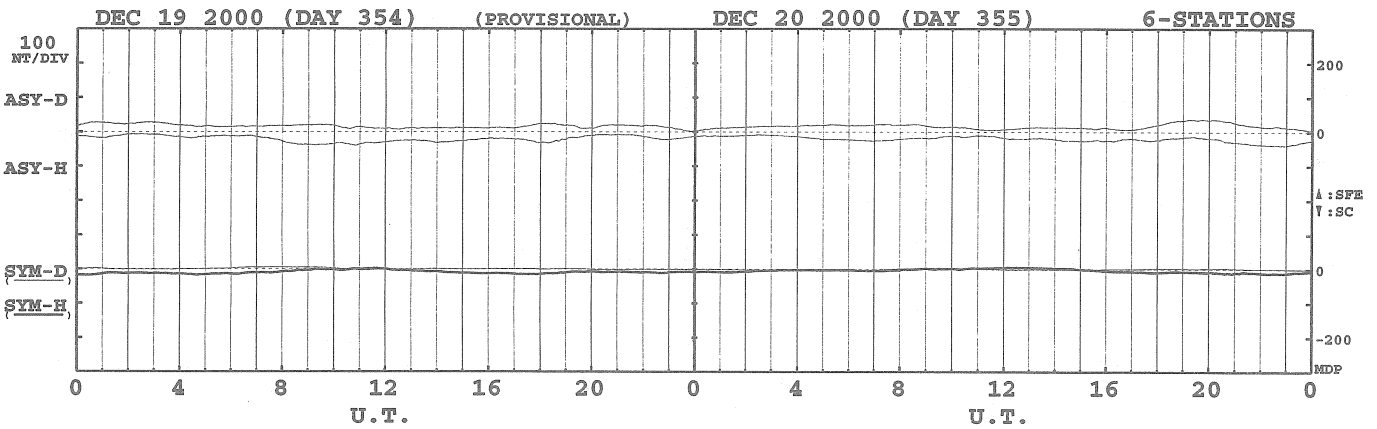
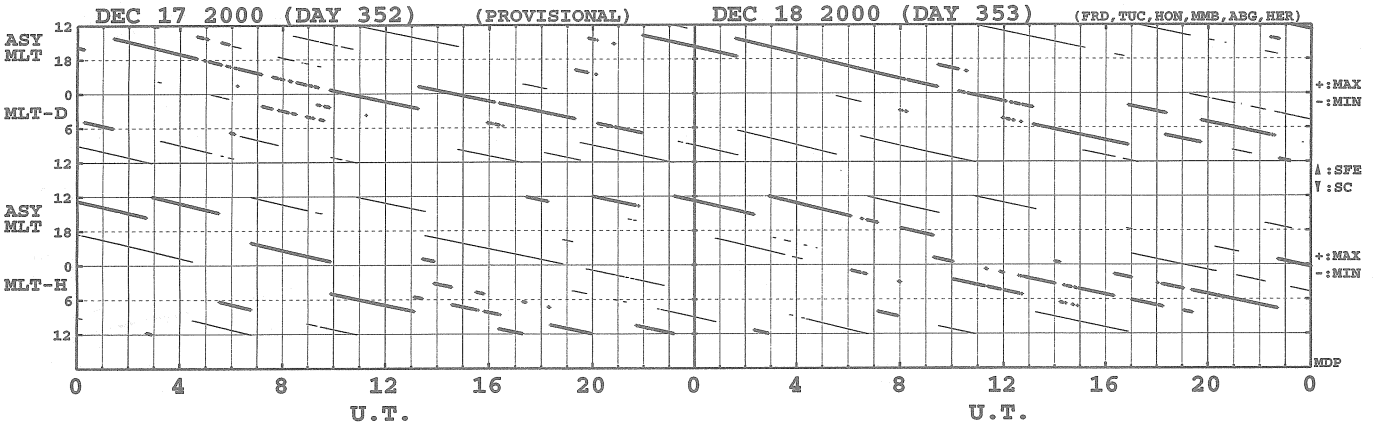
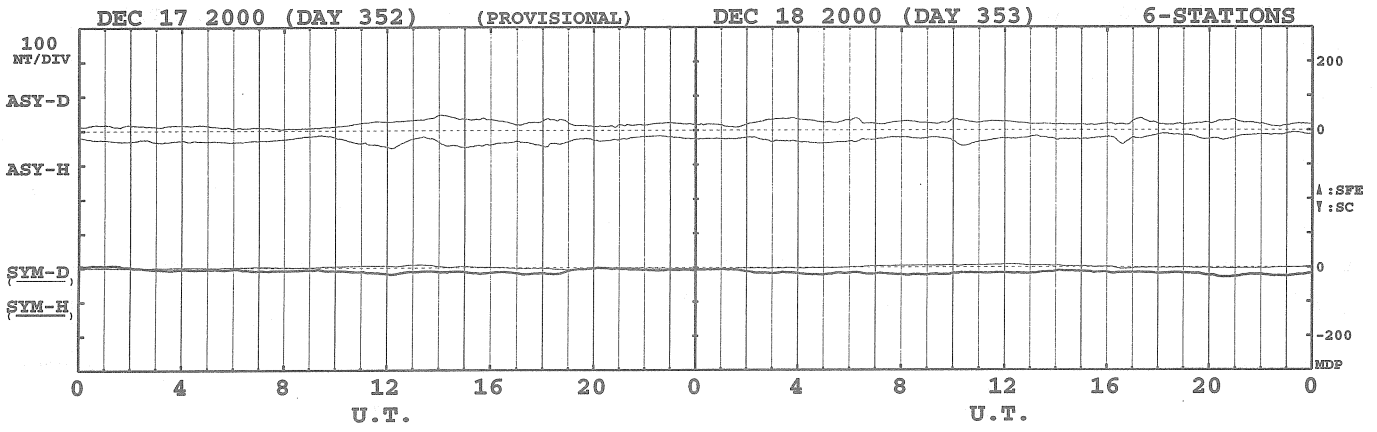


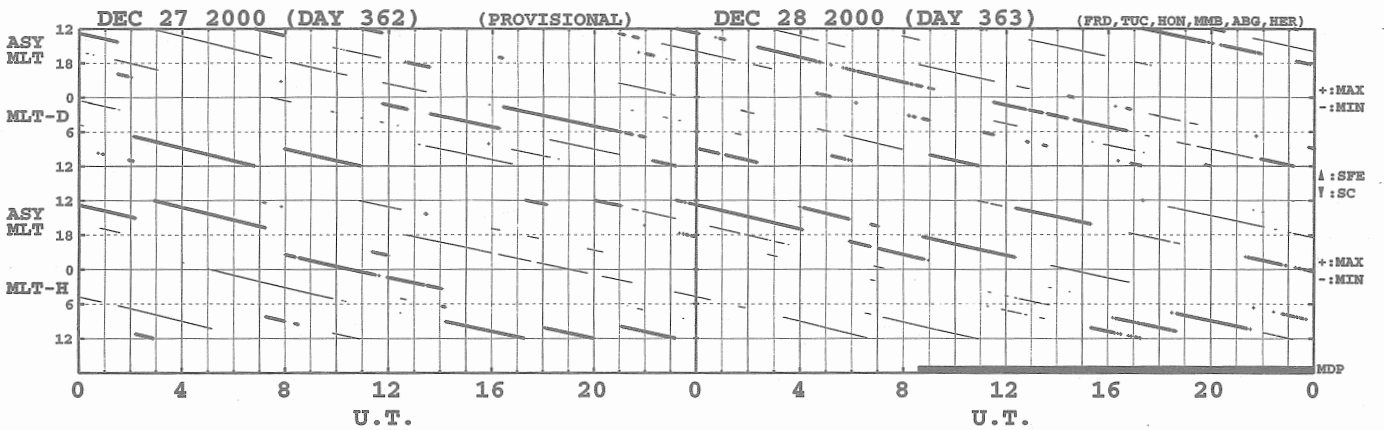
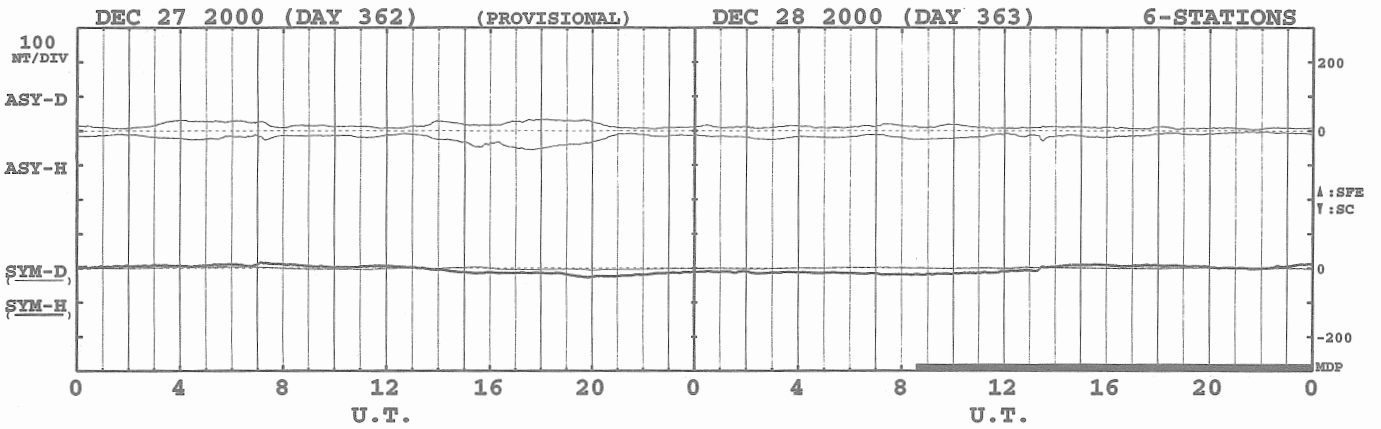
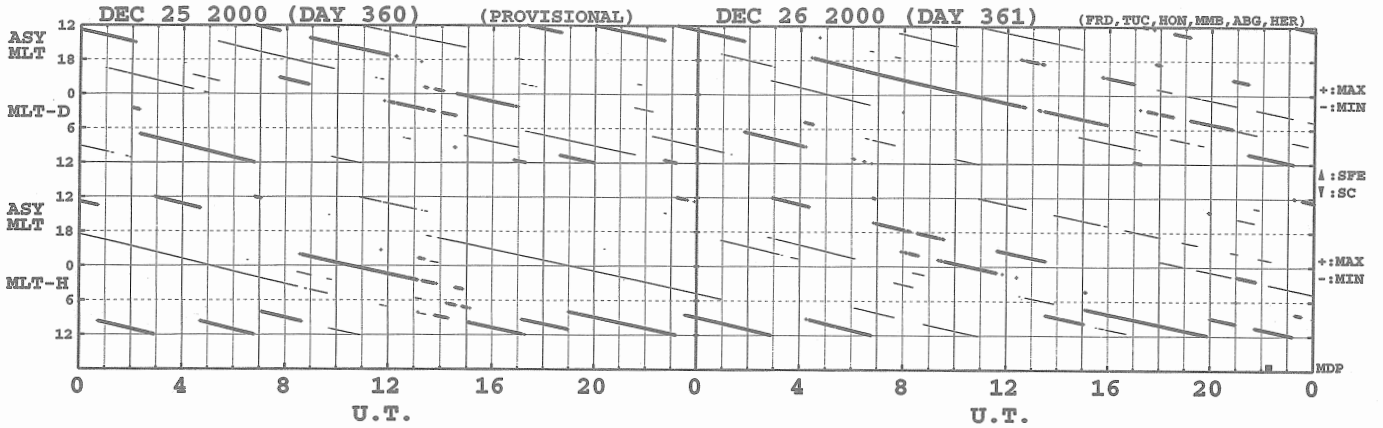
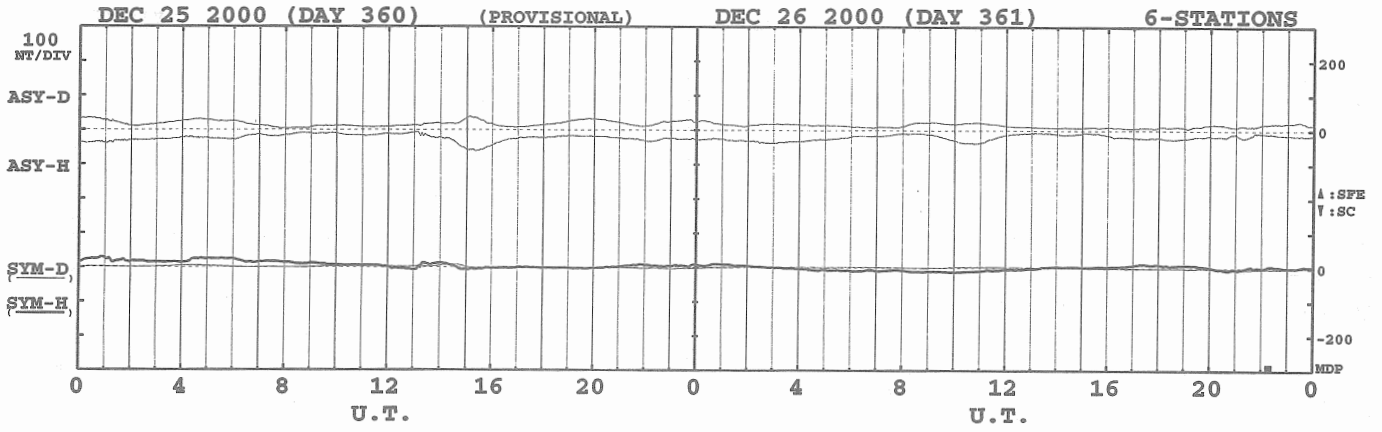


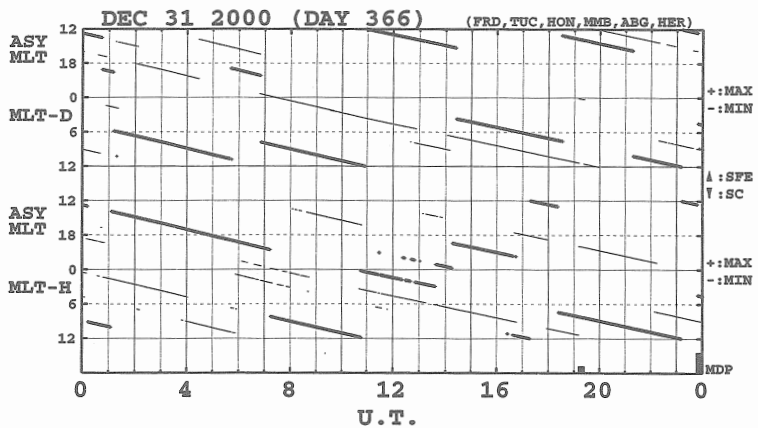
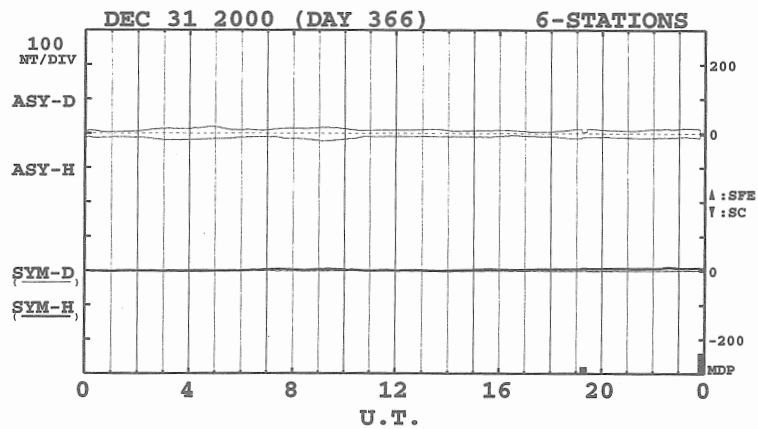
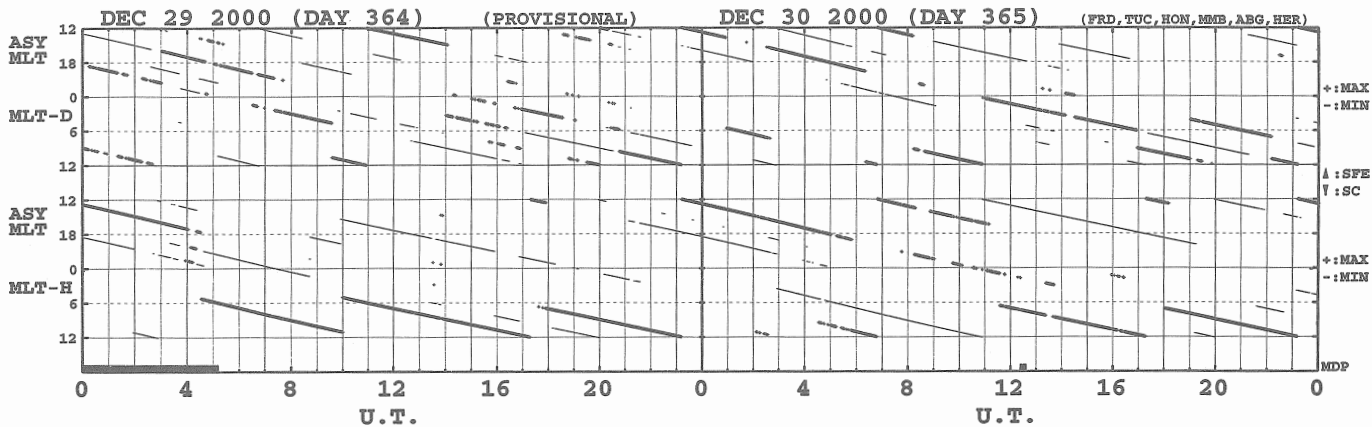
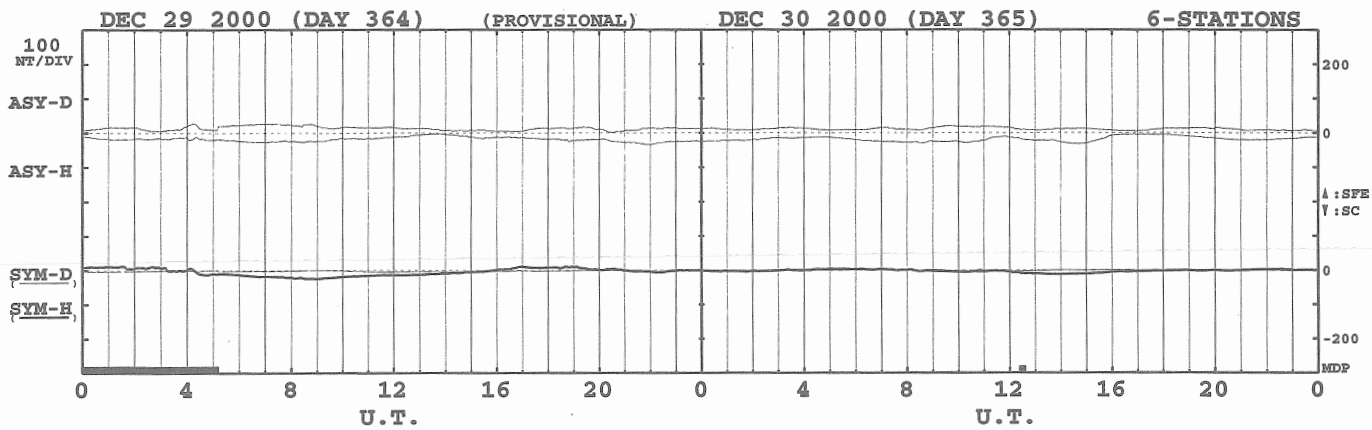












DAY	ASY-D INDEX										JAN 2000										(PROVISIONAL)					nT
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
01	48	29	34	39	25	25	32	30	36	37	23	19	49	30	22	17	11	8	17	35	22	33	36	39	29	
02	40	35	20	10	22	26	23	21	25	15	15	20	23	22	16	12	10	16	28	24	16	20	25	17	21	
03	23	28	9	19	19	21	18	23	22	29	23	7	8	13	13	10	12	15	25	25	27	15	21	29	19	
04	32	19	10	18	22	24	21	30	40	39	30	30	26	30	18	18	14	8	15	19	11	16	32	33	23	
05	38	34	18	16	20	20	19	15	12	20	14	5	8	9	20	31	31	41	29	27	15	26	26	33	22	
06	37	27	13	13	15	21	20	17	13	19	22	7	14	31	66	26	28	33	29	23	19	21	32	37	24	
07	39	26	18	16	23	25	21	24	31	37	32	18	16	19	21	14	10	7	6	9	7	27	15	21	20	
08 Q	24	21	12	7	4	5	14	16	10	8	12	17	13	15	18	17	8	21	34	47	41	20	9	29	18	
09 Q	34	29	17	11	13	11	12	10	10	17	19	16	12	12	13	8	8	28	48	49	35	29	20	34	21	
10 Q	38	31	15	13	28	39	34	27	14	12	6	5	8	9	7	4	14	21	24	29	35	26	20	34	21	
11	43	29	13	20	31	23	17	27	25	22	13	12	16	24	30	20	39	50	65	72	37	32	32	35	30	
12	59	54	40	27	25	16	11	10	10	18	20	19	19	21	29	25	14	36	46	44	28	17	23	32	27	
13	42	36	14	13	18	21	19	13	8	8	6	11	19	28	31	17	21	35	48	53	45	26	18	35	24	
14	45	29	14	17	18	26	31	28	21	14	6	7	13	21	30	20	5	7	10	11	7	5	8	14	17	
15	20	14	7	12	14	7	4	7	6	3	4	10	12	10	6	6	5	7	3	6	11	9	15	16	9	
16	12	7	6	13	11	7	8	15	15	14	11	6	8	7	5	8	10	10	11	4	11	12	16	17	10	
17	13	9	4	6	20	20	17	23	24	22	17	14	19	15	10	7	4	6	5	2	2	9	13	14	12	
18	16	13	6	10	10	14	21	25	24	26	21	13	16	18	19	16	16	43	49	39	21	17	18	30	21	
19 Q	40	32	14	16	36	44	40	35	16	10	14	15	12	7	5	5	20	36	47	37	32	23	15	16	24	
20	29	24	12	10	16	21	18	16	14	18	16	14	24	20	14	8	12	25	28	37	34	20	16	22	20	
21 Q	28	27	12	18	22	24	22	20	14	12	11	12	7	11	21	26	14	7	18	24	28	16	9	18	17	
22	35	34	18	14	19	21	18	21	23	21	26	31	28	29	40	56	25	24	30	39	24	42	51	51	30	
23	63	60	52	53	36	37	34	27	27	32	34	33	27	29	30	34	32	17	15	15	17	27	33	39	34	
24	46	42	22	18	17	19	24	27	22	38	35	23	23	32	34	31	33	28	28	27	33	35	33	36	29	
25	49	39	20	19	21	21	20	25	25	21	16	20	21	17	19	19	11	14	27	23	13	26	29	24	22	
26	32	31	17	24	38	42	19	15	9	5	10	13	15	17	20	14	10	8	5	5	5	5	11	11	16	
27	9	3	6	5	6	21	40	28	13	10	9	15	10	6	3	8	10	11	16	21	20	32	43	43	16	
28	52	53	28	28	50	58	54	42	53	47	28	44	31	61	37	34	20	12	22	19	28	29	46	47	38	
29	49	50	32	13	20	26	23	39	21	24	18	35	35	54	42	39	28	27	36	31	17	20	25	44	31	
30	31	26	15	11	18	21	26	31	31	26	14	10	21	28	29	27	22	17	15	41	27	30	30	30	24	
31	46	44	30	14	17	25	37	42	33	22	14	15	21	23	31	32	23	10	7	12	17	19	21	27	24	
MEAN	36	30	18	17	21	24	23	23	21	21	17	17	18	22	23	20	17	20	25	27	22	22	24	29	22	

DAY	ASY-H INDEX										JAN 2000										(PROVISIONAL)					nT
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
01	43	36	38	55	36	23	37	41	47	29	21	24	41	33	27	29	20	17	24	40	23	16	26	34	32	
02	36	31	26	24	27	19	17	21	28	27	36	16	24	16	14	21	20	19	23	20	11	9	12	18	21	
03	28	39	26	34	26	15	14	24	22	28	19	16	17	15	13	19	25	32	32	23	19	10	14	21	22	
04	22	25	24	21	17	17	17	28	38	45	27	22	47	49	24	22	20	28	31	32	19	11	26	17	26	
05	18	43	44	41	34	34	25	23	20	33	35	16	11	13	19	30	30	37	33	23	13	24	12	14	26	
06	17	16	20	18	19	19	19	20	10	26	27	18	25	37	73	64	56	47	37	22	11	12	11	17	27	
07	19	28	35	23	25	20	18	19	17	22	24	26	25	16	16	24	38	18	11	9	12	25	30	26	22	
08 Q	23	15	14	14	11	7	15	14	7	12	23	28	22	13	18	16	25	25	20	18	19	19	16	13	17	
09 Q	17	19	15	12	10	9	13	13	8	9	13	10	8	8	10	9	12	17	17	17	18	18	16	11	13	
10 Q	16	23	22	22	22	19	15	13	14	13	12	14	9	8	6	18	28	25	21	19	20	17	16	21	17	
11	20	22	25	18	17	20	14	17	24	21	17	20	16	13	18	38	51	54	63	66	52	60	62	44	32	
12	39	36	31	33	36	32	43	47	41	29	30	31	35	30	20	17	26	19	19	14	10	14	20	25	28	
13	27	30	25	19	20	17	16	14	7	10	10	12	12	18	21	26	20	22	27	23	32	48	44	22	22	
14	42	27	18	17	23	13	14	19	18	23	26	27	27	18	11	14	4	11	8	5	14	14	11	8	17	
15	12	17	19	15	12	11	10	15	15	7	4	5	4	5	3	4	4	7	20	17	10	9	8	7	10	
16	12	16	19	21	24	15	8	7	13	15	15	11	8	8	12	12	12	9	9	24	17	8	9	20	14	
17	17	8	11	16	21	23	22	24	20	10	9	14	16	15	5	7	9	7	14	13	7	7	7	9	13	
18	14	21	24	24	20	12	7	11	13	16	20	19	14	17	19	20	13	10	12	17	20	22	22	18	17	
19 Q	16	12	8	10	13	12	13	17	19	18	20	17	12	10	11	10	10	12	17	18	23	21	20	27	15	
20	34	30	24	26	31	32	27	25	32	33	31	33	43	27	27	19	18	17	23	35	32	22	14	10	27	
21 Q	13	14	10	14	18	18	15	14	13	10	8	11	14	15	12	11	4	5	11	7	5	7	10	11	11	
22	9	11	13	17	21	17	21	19	18	31	36	51	49	36	40	73	63	52	56	50	75	70	57	65	39	
23	72	77	85	96	59	42	34	29	33	38	43	55	52	46	50	61	65	49	33	23	20	16	18	20	46	
24	23	22	22	23	20	25	19	22	23	34	28	30	36	46	52	56	61	53	49	40	40	36	19	12	33	
25	13	15	19	28	40	39	32	31	34	36	26	23	25	24	28	20	12	8	14	19	19	25	28	27	24	
26	20	11	14	22	23	30	24	23	20	22	14	11	18	13	10	12	21	19	10	12	21	18	10	14	17	
27	20	12	8	13	11	10	17	22	25	29	25	22	16	10	10	23	23	27	33	37	55	33	35	32	23	
28	39	43	35	38	46	30	25	36	49	45	30	35	28	46	32	23	22	27	26	18	18	16	48	46	33	
29	32	46	40	27	36	37	28	40	47	39	24	32	52	34	40	48	36	49	42	24	24	17	15	45	36	
30	19	19	21	26	29	27	19	16	26	27	18	11	19	21	23	26	30	40	46	44	28	26	15	13	25	
31	14	21	31	22	17	13	24	31	25	22	15	14	21	25	27	17	13	15	11	9	14	19	24	22	19	
MEAN	24	25	25	25	25	21	20	22	23	24	22	22	24	22	22	25	26	25	25	24						

ASY-D INDEX					FEB 2000											(PROVISIONAL)						nT				
DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01	17	20	18	11	5	12	24	29	28	20	9	6	9	21	36	17	8	12	16	22	18	23	17	15	17	
02	7	14	19	12	6	11	12	13	15	9	8	9	19	14	14	14	16	27	24	23	17	11	9	17	14	
03	15	14	22	19	13	9	10	19	28	17	10	5	11	13	15	16	9	10	16	18	12	27	9	13	15	
04 Q	18	15	9	19	17	15	11	12	16	14	11	8	9	9	7	11	13	19	21	18	10	7	7	11	13	
05	18	20	17	18	24	20	13	13	8	8	11	13	7	8	10	16	27	34	46	50	49	49	26	23	22	
06	16	32	36	45	35	32	21	19	17	17	31	40	21	22	18	20	33	37	45	42	27	32	30	41	30	
07	43	40	26	17	19	25	21	15	26	30	22	17	23	41	31	25	31	44	21	20	26	17	16	15	26	
08	32	27	13	18	20	11	10	8	18	22	17	18	16	17	18	13	13	14	17	27	16	22	17	11	17	
09	17	20	17	13	14	15	13	20	15	8	3	5	6	5	37	21	13	15	17	19	20	18	9	8	15	
10	18	7	7	9	10	15	15	17	16	15	12	10	10	9	11	15	17	16	14	16	11	5	20	26	13	
11	21	11	6	19	26	27	13	9	13	30	25	29	22	11	10	19	35	42	46	34	30	35	30	20	23	
12	46	23	30	44	21	29	36	27	46	52	110	83	55	53	58	56	56	83	63	48	34	29	30	37	48	
13	35	32	25	9	12	9	9	16	18	16	20	14	21	28	28	21	12	19	25	26	19	16	13	13	19	
14	16	13	10	25	16	18	21	26	29	35	19	14	44	53	56	26	30	29	21	34	45	32	22	26	27	
15	32	39	36	17	12	10	12	10	8	8	8	8	6	10	11	11	9	10	12	16	18	17	21	45	16	
16	31	17	6	10	18	19	7	5	9	12	8	5	12	24	27	22	17	12	13	12	12	17	16	12	14	
17	9	9	12	13	11	4	13	19	16	11	9	13	23	18	22	26	24	23	21	19	12	9	9	9	15	
18 Q	8	10	16	16	13	9	5	8	12	10	10	9	7	6	5	6	9	13	22	17	10	8	6	7	10	
19 Q	6	8	6	4	11	16	19	17	14	13	12	8	5	3	4	5	7	4	6	6	10	7	7	3	8	
20 Q	9	8	8	7	6	4	10	11	4	5	3	5	4	3	4	7	5	7	16	13	13	12	11	14	8	
21	19	13	20	29	19	14	19	14	17	22	14	8	10	7	15	40	47	51	34	23	21	23	18	19	21	
22 Q	19	16	14	15	9	9	4	3	6	11	10	8	6	5	7	9	11	15	14	12	11	6	7	5	10	
23	12	14	12	9	11	15	15	13	10	14	14	19	23	22	26	16	15	26	22	18	11	5	8	7	15	
24	18	29	35	26	18	26	14	13	12	18	25	27	29	45	65	45	37	38	29	18	24	28	26	26	28	
25	13	10	8	22	19	19	14	24	11	5	8	15	31	33	16	17	19	20	15	9	15	22	18	16	17	
26	14	26	28	20	7	15	20	14	16	20	21	18	19	21	16	14	12	11	7	9	13	12	12	12	16	
27	11	14	24	23	18	13	21	16	12	12	11	7	11	20	22	20	20	18	10	13	11	9	11	16	15	
28	16	21	19	29	30	15	11	11	15	12	7	14	39	35	37	19	17	19	14	11	15	13	14	16	19	
29	9	13	17	12	9	11	13	13	5	9	11	6	9	8	7	10	15	18	13	13	13	9	6	12	11	
MEAN	19	18	18	18	16	15	15	15	16	16	17	15	17	19	22	19	20	24	22	21	19	18	15	17	18	

ASY-H INDEX					FEB 2000											(PROVISIONAL)						nT				
DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01	22	10	6	12	22	25	23	21	18	17	20	18	18	34	53	37	35	30	26	17	9	21	23	28	23	
02	26	15	7	12	24	28	32	32	30	28	26	23	36	29	24	23	29	41	31	23	23	11	12	22	24	
03	14	6	8	13	20	23	24	32	29	19	21	18	19	21	30	36	23	24	23	24	29	33	26	26	23	
04 Q	27	20	13	15	22	25	26	31	28	23	15	16	17	21	21	17	20	22	26	27	28	27	22	15	22	
05	19	23	20	14	12	20	21	18	20	22	21	21	19	20	24	29	28	33	49	78	60	64	46	25	29	
06	33	51	55	50	50	47	35	24	17	13	41	60	32	20	26	38	46	67	63	63	48	37	35	54	42	
07	51	29	38	27	31	37	30	50	33	47	28	17	15	39	59	75	75	51	32	33	34	27	15	16	37	
08	36	22	20	19	26	18	24	20	19	24	29	35	42	42	32	32	28	33	44	38	38	20	11	15	28	
09	13	15	12	14	21	26	26	23	17	11	16	16	16	19	50	58	46	45	36	23	22	14	10	13	23	
10	15	20	21	15	15	22	24	30	23	16	14	21	26	36	33	26	20	25	26	20	21	21	32	28	23	
11	23	21	19	16	19	38	36	21	16	15	29	25	30	32	33	40	58	67	69	53	33	29	32	32	33	
12	87	64	76	70	52	58	46	27	53	106	146	140	134	115	84	111	107	117	100	78	59	49	46	38	82	
13	34	27	26	29	37	42	41	35	42	46	34	33	40	46	46	37	29	27	27	24	22	28	26	23	33	
14	27	28	23	31	37	30	29	48	55	44	36	51	99	107	71	55	49	48	29	39	47	44	33	35	46	
15	38	37	44	28	31	41	32	24	16	14	15	15	15	16	19	31	32	34	31	35	25	27	40	45	29	
16	19	12	7	12	13	22	25	24	16	12	16	20	25	33	40	32	24	23	12	10	16	18	23	27	20	
17	26	31	26	19	15	10	7	16	22	27	24	29	31	22	22	41	50	51	47	34	23	16	17	30	26	
18 Q	29	23	15	11	14	15	12	13	13	13	13	12	15	15	8	7	9	10	11	12	13	18	20	20	14	
19 Q	16	18	21	22	24	26	31	30	22	21	22	22	28	25	16	9	7	14	20	25	26	26	21	16	21	
20 Q	10	13	12	9	9	11	12	16	13	12	8	6	7	6	6	7	9	9	10	7	4	10	16	17	10	
21	18	21	36	82	45	38	33	24	22	26	28	28	21	25	29	58	51	66	52	36	33	33	28	23	36	
22 Q	20	25	25	21	24	22	18	17	16	17	15	15	15	19	21	22	28	25	24	26	24	16	11	7	20	
23	11	10	11	12	16	22	25	26	26	20	17	24	28	51	47	46	44	49	34	25	24	26	30	27	27	
24	31	34	36	35	41	61	59	53	47	50	58	45	42	63	63	57	38	31	26	19	29	46	35	32	43	
25	38	52	39	52	48	51	48	58	42	49	38	24	26	37	36	39	36	32	25	15	19	30	34	31	37	
26	33	27	27	36	35	31	42	33	33	25	23	31	36	42	37	29	25	27	34	38	43	38	33	30	33	
27	36	22	21	26	28	28	23	28	25	32	21	19	18	21	26	19	17	23	25	29	29	30	29	30	25	
28	26	26	30	57	66	42	35	25	27	25	24	32	54	40	38	28	23	18	17	15	11	19	10	14	29	
29	20	21	23	25	24	23	22	24	25	26	26	30	25	26	26	27	32	32	28	26	24	18	15	15	24	
MEAN	28	25	25	27	28	30	29	28	26	27	28	29	32	35	35	37	35	37	34	31	28	27	25	25	30	

DAY	ASY-D INDEX										MAR 2000										(PROVISIONAL)				nT
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
01	29	15	8	10	8	21	23	22	23	27	23	21	19	48	49	36	33	21	23	23	12	4	12	25	22
02	35	28	24	27	22	20	20	21	22	19	14	8	11	18	26	31	32	29	30	28	21	16	19	22	23
03	17	11	7	9	6	8	16	19	19	21	14	9	12	16	17	10	10	17	16	20	9	21	34	34	16
04 Q	29	17	9	11	14	17	15	9	7	10	11	13	24	30	29	28	33	51	43	30	11	27	40	41	23
05	35	19	14	20	22	16	14	20	21	17	15	13	20	20	15	14	16	29	24	16	17	30	42	41	21
06	40	34	21	12	13	20	37	44	44	41	28	15	11	12	9	10	15	21	26	29	37	34	33	31	26
07	26	31	32	32	26	25	23	28	36	37	33	25	15	21	25	32	29	45	37	16	10	27	36	35	28
08	29	23	18	21	21	25	30	30	36	40	36	23	18	17	20	24	28	32	52	43	39	27	23	22	28
09	27	24	24	19	16	17	20	20	21	21	17	12	13	23	30	25	22	22	22	17	21	25	23	17	21
10	13	15	20	15	11	9	14	14	18	23	26	16	19	14	30	29	16	27	33	35	37	26	26	24	21
11	28	25	25	24	21	17	14	15	23	29	28	21	15	25	36	17	18	25	28	23	24	32	33	23	24
12	23	25	34	20	18	25	27	22	33	31	24	15	19	14	8	8	9	20	30	27	26	16	12	19	21
13	29	24	17	18	20	17	11	10	11	17	18	11	9	10	13	13	6	15	18	14	14	19	22	13	15
14	20	24	15	14	14	16	17	17	19	26	21	16	10	15	21	16	12	22	23	19	14	14	19	28	18
15 Q	29	20	15	14	11	12	11	10	10	11	14	11	7	5	6	10	15	24	22	16	14	14	7	8	13
16 Q	8	8	11	14	10	6	6	3	3	4	6	5	4	4	6	11	13	13	9	10	12	15	10	6	8
17	13	21	19	14	8	15	14	14	13	9	13	12	8	6	6	11	18	25	30	39	42	38	38	25	19
18	12	8	12	18	9	8	12	14	8	6	9	12	11	7	15	22	19	19	30	37	31	22	15	25	16
19	23	13	14	11	8	8	14	22	17	15	14	10	4	6	13	17	22	28	24	18	16	25	32	29	17
20	17	14	17	18	20	24	22	18	23	25	21	19	17	10	11	13	11	16	21	21	16	14	16	13	17
21	5	7	12	16	10	11	17	17	16	17	13	15	15	10	10	19	21	36	46	43	32	25	27	19	
22	25	28	19	7	13	18	17	26	24	30	25	27	22	14	11	11	20	15	20	20	20	23	30	25	20
23	13	10	11	14	12	10	16	14	20	17	12	13	23	26	20	19	16	15	18	19	14	10	6	5	15
24	7	10	8	10	11	10	11	12	12	13	13	16	26	54	50	33	20	25	26	20	13	9	18	23	19
25	18	18	12	7	9	16	21	24	9	8	12	12	9	8	8	7	8	25	19	14	9	11	18	21	13
26 Q	14	11	10	9	11	16	16	10	7	5	10	11	9	11	14	12	17	25	30	22	14	9	15	19	14
27 Q	25	16	12	8	8	9	8	6	10	13	12	13	11	20	22	15	16	32	35	23	12	11	16	26	16
28	18	13	22	21	19	21	16	7	6	12	11	12	9	13	14	7	7	13	17	17	11	8	8	12	13
29	15	15	17	18	14	14	14	7	6	7	11	17	17	10	7	8	18	28	26	16	13	15	29	15	15
30	9	28	32	25	18	16	19	19	12	12	11	13	13	7	13	10	14	20	20	12	23	21	11	7	16
31	11	17	16	22	22	47	39	47	38	41	45	34	27	34	46	40	49	51	46	38	34	37	32	27	35
MEAN	21	18	17	16	14	17	18	18	18	19	18	15	14	17	19	18	19	25	27	23	20	20	23	22	19

DAY	ASY-H INDEX										MAR 2000										(PROVISIONAL)				nT	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		24
01	16	12	11	10	10	33	46	42	51	54	50	54	53	34	55	42	39	30	10	15	9	9	8	20	30	
02	30	24	19	20	15	9	15	15	22	28	32	24	19	16	12	10	9	17	30	31	25	17	11	9	19	
03	10	8	14	26	28	19	11	14	18	13	10	12	15	17	13	18	13	11	18	13	15	9	10	10	14	
04 Q	11	13	11	15	17	15	16	16	17	17	23	28	21	16	18	16	20	17	19	23	20	20	20	22	18	
05	24	33	35	27	21	24	22	20	26	34	32	26	21	22	22	18	13	18	17	25	23	22	12	15	23	
06	21	26	23	18	20	23	24	21	32	34	24	24	30	33	27	31	36	28	36	38	32	23	18	16	27	
07	25	30	28	39	47	43	38	35	34	44	41	40	35	29	30	57	53	36	20	16	15	13	19	9	32	
08	14	17	17	19	25	34	33	25	28	28	30	35	32	43	53	47	43	38	34	35	43	32	25	36	32	
09	45	32	17	11	14	17	17	17	17	16	18	19	23	22	20	24	24	25	25	27	29	25	19	16	22	
10	17	21	26	26	22	12	11	12	17	17	27	31	29	40	42	55	61	51	49	40	42	38	28	23	33	31
11	28	31	34	33	29	28	39	49	34	34	32	33	34	42	55	45	35	29	27	21	21	21	21	18	32	
12	22	27	29	23	24	26	31	35	35	43	33	26	30	16	14	20	24	27	24	26	34	31	35	29	28	
13	25	21	15	13	17	17	17	16	14	15	15	11	10	16	26	30	31	39	42	31	23	15	14	16	20	
14	15	16	15	14	16	17	16	15	19	26	27	19	9	8	14	19	16	18	19	21	15	11	11	14	16	
15 Q	15	20	22	18	12	10	11	10	9	14	19	21	20	14	11	17	18	20	24	31	30	22	15	9	17	
16 Q	9	9	5	7	14	17	14	9	5	7	8	8	5	4	9	19	24	29	29	21	17	14	11	11	13	
17	10	11	12	17	19	16	18	26	29	26	19	11	6	3	2	6	9	15	18	22	18	19	22	25	16	
18	26	22	16	12	7	5	8	13	16	14	13	7	9	11	12	22	38	48	50	40	28	24	20	16	20	
19	20	16	11	17	14	14	22	30	31	32	30	30	26	27	27	27	23	23	24	28	20	16	11	13	22	
20	16	10	8	11	14	14	18	19	21	16	14	30	30	24	21	22	24	28	29	23	16	10	8	16	18	
21	18	12	11	14	20	22	23	23	19	15	7	5	5	8	10	16	26	31	32	33	21	16	9	8	17	
22	15	24	28	28	38	35	30	37	30	29	27	25	22	24	27	41	48	41	31	23	22	15	20	17	28	
23	18	14	16	16	17	15	22	27	27	23	16	13	19	23	35	37	27	26	30	26	18	18	20	17	22	
24	14	20	20	22	11	10	12	13	15	15	10	12	32	56	63	48	33	32	29	24	18	20	21	19	24	
25	23	25	22	25	24	20	19	21	20	17	23	28	19	14	10	10	12	21	18	23	23	15	11	10	19	
26 Q	10	9	9	10	8	9	9	10	9	9	17	19	17	12	10	12	11	14	17	12	10	12	10	14	12	
27 Q	18	18	15	13	16	15	16	14	15	18	24	25	17	12	7	10	14	15	14	16	22	18	10	9	15	
28	12	13	7	11	18	23	19	20	17	15	14	18	12	6	5	9	16	20	13	11	10	14	17	22	14	
29	23	19	12	14	19	23	21	17	12	13	12	9	12	14	9	10	14	12	12	18	25	35	53	42	19	
30	22	21	16	22	19	16	12	11	13	16	17	15	9	8	12	14	17	27	38	31	34	32	23	17	19	
31	15	14	29	28	25	32	30	58	66	68	56	67	68	61	73	58	59	53	48	52	50	36	41	35	47	
MEAN	19	19	18	19	19	20	21	22	23	24	23	23	23	22	24	26	26	27	26	26						

ASY-D INDEX										APR 2000										(PROVISIONAL)					nT	
DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01	25	26	27	25	30	27	20	24	19	24	26	20	15	12	11	17	23	34	44	35	22	16	18	27	24	
02	18	27	26	37	44	39	32	31	24	17	12	16	27	28	31	35	27	19	15	17	20	20	12	13	24	
03	16	18	16	20	25	29	27	22	16	13	12	10	9	13	22	18	18	10	11	14	17	16	7	17	17	
04	32	37	47	24	39	52	42	29	14	15	22	19	12	27	44	42	44	59	53	26	21	33	23	21	32	
05	24	36	45	49	47	47	32	23	12	11	15	17	13	8	15	19	14	17	22	33	34	22	9	27	25	
06	36	36	32	24	23	24	29	30	28	25	23	16	17	27	34	30	37	74	88	93	101	128	120	132	50	
07	152	110	86	57	47	51	67	66	60	65	57	38	23	28	38	40	42	44	40	40	44	39	29	48	55	
08	64	71	58	35	20	28	32	26	20	20	23	23	27	24	23	25	30	28	22	22	33	32	21	15	30	
09	16	19	20	20	27	42	44	39	28	22	17	17	24	32	35	34	35	36	24	25	11	17	16	26	26	
10	27	36	44	31	41	41	40	40	42	35	34	33	25	26	32	27	26	27	23	16	21	37	35	34	32	
11	29	20	16	16	19	20	15	15	12	15	16	15	14	19	20	21	25	23	18	10	14	16	20	19	18	
12	24	21	18	24	33	45	33	18	9	13	15	14	10	7	7	13	11	16	12	5	7	6	12	15	16	
13	15	9	15	32	25	17	14	6	7	9	12	15	15	9	10	14	13	12	9	6	6	6	7	14	12	
14 Q	20	16	13	8	6	8	10	14	16	15	9	10	8	6	7	9	8	7	6	6	6	9	11	8	10	
15	8	11	13	13	8	5	8	13	12	16	20	24	12	5	14	24	20	11	5	16	27	19	25	26	15	
16	26	19	26	43	44	35	21	21	31	44	54	39	23	49	51	18	12	15	18	10	10	9	13	20	27	
17	28	31	30	26	23	12	8	12	37	15	18	17	14	11	10	8	13	12	17	23	27	29	30	17	19	
18 Q	11	11	15	18	25	22	25	26	22	17	14	17	19	11	8	11	16	17	25	22	16	10	7	5	16	
19	10	17	25	41	38	30	17	17	13	17	20	19	18	17	19	24	22	18	22	24	23	21	11	6	20	
20	5	15	22	29	24	20	15	12	6	12	19	16	19	9	9	16	14	11	22	9	13	16	11	7	15	
21	12	19	26	24	20	17	18	17	14	8	17	26	17	12	8	17	13	8	8	7	6	12	13	10	15	
22 Q	8	6	5	8	6	7	7	13	10	12	12	10	9	12	20	21	12	15	19	14	8	8	13	13	11	
23	17	21	19	20	15	11	10	10	21	24	18	10	8	5	7	9	14	12	6	6	17	24	18	14	14	
24	9	8	14	12	14	26	26	24	12	9	8	20	37	46	41	17	20	30	32	24	19	23	28	40	22	
25 Q	39	32	25	18	11	7	13	19	24	23	24	20	15	18	13	11	8	7	8	9	12	12	10	5	16	
26 Q	4	8	14	11	9	9	13	15	10	4	3	8	11	11	7	4	6	10	10	8	7	5	7	11	9	
27	12	12	19	17	13	10	12	13	21	20	16	11	18	22	24	27	22	21	26	26	25	22	32	26	20	
28	27	32	20	16	18	16	14	13	22	31	32	26	18	11	12	16	24	23	29	29	26	14	10	15	21	
29	22	26	27	26	18	19	15	14	10	11	15	11	10	13	10	17	18	23	13	22	32	27	29	19	19	
30	18	22	24	32	24	16	13	12	11	10	12	11	13	13	9	17	27	23	24	36	37	23	16	9	19	
MEAN	25	26	26	25	25	24	22	21	20	19	20	18	17	18	20	20	20	22	23	21	22	22	21	22	22	

ASY-H INDEX										APR 2000										(PROVISIONAL)					nT	
DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01	30	25	31	24	24	20	21	29	29	33	34	33	27	24	17	24	30	75	56	41	27	24	29	35	31	
02	46	48	57	50	42	33	34	35	22	27	34	39	38	34	30	30	33	24	15	15	31	38	38	34	34	
03	32	33	28	29	26	34	23	19	21	24	28	21	21	23	38	25	17	10	5	8	14	24	33	42	24	
04	47	55	60	34	26	28	28	31	26	22	27	30	31	35	60	54	44	49	45	36	38	42	42	39	39	
05	39	41	40	33	37	31	21	24	27	23	28	39	49	50	46	41	41	40	27	19	13	12	14	14	31	
06	12	13	20	35	35	28	31	33	25	26	39	49	49	51	52	55	62	144	103	85	144	194	276	337	79	
07	367	142	119	114	105	97	110	104	85	90	87	86	86	79	66	59	66	50	44	38	34	35	33	39	89	
08	38	35	41	53	61	56	51	48	36	46	31	29	28	37	37	33	28	28	28	21	23	24	23	22	36	
09	19	19	35	33	29	27	22	11	12	14	14	15	22	30	20	33	35	35	20	28	26	35	28	30	25	
10	34	45	48	47	57	54	45	43	46	49	40	37	28	17	23	29	23	18	16	21	27	29	27	19	34	
11	16	14	12	18	41	25	22	29	21	22	17	18	18	19	16	12	18	21	14	10	14	7	8	13	18	
12	24	25	23	23	17	25	19	17	19	16	16	14	12	11	14	14	16	12	12	17	19	12	15	18	17	
13	16	16	15	23	16	11	11	24	21	9	10	10	12	12	8	10	14	15	11	17	18	13	9	12	14	
14 Q	11	12	7	5	9	12	13	14	13	8	9	9	11	8	8	8	8	7	9	14	20	17	13	13	11	
15	11	13	20	25	26	25	15	10	11	13	15	28	28	23	20	18	12	12	15	15	10	13	27	27	18	
16	33	30	31	41	58	59	36	41	38	57	81	68	61	62	73	52	45	38	31	26	17	19	19	17	43	
17	15	21	26	28	29	25	23	27	39	27	29	28	32	29	30	29	35	28	25	19	18	23	28	29	27	
18 Q	21	14	12	9	11	9	7	9	6	8	15	25	31	24	13	10	8	11	16	24	19	22	24	16	15	
19	16	18	21	40	35	25	15	13	14	23	26	38	40	36	42	35	28	18	16	10	10	13	18	22	24	
20	21	20	19	19	29	24	24	13	13	18	22	23	24	12	8	10	17	28	21	16	13	18	19	15	19	
21	13	11	12	12	7	8	8	9	9	18	35	31	24	12	8	11	13	10	10	17	18	12	14	14	14	
22 Q	16	14	15	17	16	12	9	14	13	11	5	6	6	7	6	7	7	9	13	14	14	18	17	11	11	
23	12	10	23	23	17	13	15	15	21	17	9	5	15	25	30	33	32	23	12	14	18	18	13	9	18	
24	10	8	7	9	13	16	36	38	37	31	34	51	72	68	80	51	36	31	31	35	44	50	46	34	36	
25 Q	30	24	21	24	23	19	19	19	14	13	15	19	17	15	8	5	6	12	14	16	16	11	11	14	16	
26 Q	12	11	13	14	14	11	14	13	15	10	11	13	10	10	14	16	15	16	18	14	9	12	15	15	13	
27	10	15	18	18	16	16	12	12	14	17	24	23	30	38	50	56	50	39	25	16	12	20	29	33	25	
28	48	59	54	40	28	34	31	31	31	34	22	31	25	28	40	43	42	46	54	51	42	35	25	24	37	
29	29	35	36	29	26	31	30	28	21	23	23	21	16	16	19	16	20	21	25	24	26	17	34	29	25	
30	37	38	31	33	25	23	21	25	24	26	25	20	21	23	26	34	31	28	30	31	30	23	17	16	27	
MEAN	35	29	30	30	30	28	26	26	24	25	27	29	29	29	30	28	28	30	25	24	26	28	32	33	28	

ASY-D INDEX										MAY 2000										(PROVISIONAL)					nT	
DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01	28	30	18	29	27	21	17	12	9	6	9	11	20	25	28	37	41	49	30	16	8	8	9	13	21	
02	35	30	24	24	22	27	37	36	31	19	20	25	19	17	20	25	25	23	33	35	28	27	27	38	27	
03	32	30	28	22	16	17	21	13	20	19	26	17	10	9	6	10	27	33	31	25	17	21	20	13	20	
04	17	26	30	26	18	11	17	16	15	11	21	22	15	12	17	17	14	17	18	15	18	17	16	30	18	
05	29	30	32	29	21	19	20	12	10	12	21	19	11	16	13	11	16	19	15	18	13	18	14	16	18	
06	23	35	30	20	21	22	19	18	19	24	23	17	14	24	14	19	16	18	26	31	17	11	12	17	20	
07 Q	14	12	14	19	25	21	15	12	11	12	14	16	15	16	16	15	11	7	6	8	14	14	7	13	14	
08 Q	21	27	28	18	13	8	10	19	16	13	12	14	16	15	15	15	13	13	8	9	18	25	32	22	17	
09	10	9	14	12	9	17	21	15	17	13	9	11	12	11	15	10	13	12	20	14	18	27	27	15	15	
10	28	23	25	18	12	11	11	9	7	9	10	10	10	12	8	9	18	20	26	35	31	18	13	14	16	
11 Q	12	14	17	17	18	11	7	18	20	14	9	10	7	5	8	10	8	10	22	19	13	14	9	10	13	
12	13	25	29	24	25	35	32	34	32	35	21	15	17	12	16	18	16	13	10	13	30	42	23	12	23	
13	12	15	12	20	24	15	13	12	8	10	14	9	9	14	14	14	13	15	14	13	14	16	18	10	14	
14	8	8	31	18	16	15	14	15	12	18	22	21	24	27	27	24	21	23	20	19	15	10	13	10	18	
15	16	18	20	19	20	17	18	15	17	24	21	12	16	21	21	27	28	20	12	17	12	36	39	30	21	
16	17	21	7	8	14	17	25	21	19	24	27	27	24	23	25	20	20	19	16	16	15	16	18	20	19	
17	33	57	71	58	48	46	21	16	15	14	18	16	21	25	23	25	22	19	18	22	24	24	22	19	28	
18	24	22	18	20	17	8	12	13	17	15	23	28	26	20	14	24	32	30	23	22	28	31	27	23	22	
19	21	23	18	23	19	16	20	22	27	35	21	12	16	14	15	15	11	10	8	9	11	14	17	11	17	
20 Q	13	16	16	20	18	19	25	23	30	28	24	21	19	14	11	13	9	12	18	21	14	10	11	13	17	
21 Q	17	22	19	10	8	12	14	15	16	11	10	11	9	9	9	9	7	12	14	13	34	54	51	33	17	
22	25	19	17	22	38	47	36	22	14	16	30	17	16	12	13	16	17	18	15	17	18	20	16	11	21	
23	6	10	17	21	21	18	10	9	15	21	24	24	19	15	14	13	10	19	14	29	43	35	39	72	22	
24	35	40	86	87	71	65	54	58	72	63	47	27	22	26	24	24	35	40	34	36	31	44	45	40	46	
25	31	12	28	16	30	41	43	45	44	35	27	32	25	22	19	22	28	28	21	32	37	41	35	20	30	
26	18	14	14	19	26	29	26	26	28	37	18	17	11	15	24	27	21	32	25	23	19	14	16	17	22	
27	21	29	31	36	27	19	24	16	15	17	12	7	5	9	16	20	16	27	17	14	11	10	19	31	19	
28	32	35	27	19	27	22	15	12	17	11	9	10	26	30	24	18	18	20	16	19	29	22	17	18	21	
29	31	44	37	23	43	29	26	24	24	23	20	15	14	14	13	12	15	26	53	37	27	22	25	23	26	
30	38	34	18	16	15	14	30	24	29	21	20	18	23	29	21	12	13	15	36	30	26	20	17	20	22	
31	24	19	13	31	15	21	25	22	15	14	20	22	14	8	10	11	13	12	13	29	33	30	30	26	20	
MEAN	22	24	26	24	23	22	22	20	21	20	19	17	16	17	17	18	18	21	21	21	21	22	22	22	21	21

ASY-H INDEX										MAY 2000										(PROVISIONAL)					nT	
DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01	19	19	29	45	31	27	27	22	28	11	15	23	19	13	20	10	14	17	27	30	33	45	50	43	26	
02	40	47	45	47	32	34	36	48	51	37	41	44	34	19	18	24	33	33	26	24	31	42	47	24	36	
03	21	22	24	36	35	31	54	44	39	31	23	19	16	14	19	34	22	17	35	32	39	36	38	20	29	
04	16	22	35	36	28	27	34	36	39	47	32	25	18	18	19	15	11	11	7	11	16	21	23	21	24	
05	17	14	14	15	14	19	50	36	33	28	30	31	39	33	23	24	8	12	10	14	5	13	13	23	22	
06	27	39	34	37	49	50	43	34	35	28	18	13	12	17	22	18	11	10	17	15	15	18	17	22	25	
07 Q	26	16	14	14	15	14	16	16	14	13	14	15	9	7	7	7	12	18	11	5	7	11	8	10	12	
08 Q	7	13	16	13	13	13	11	11	9	10	9	17	20	25	22	18	14	15	13	17	18	17	19	11	15	
09	12	12	14	13	15	19	21	14	17	17	20	15	16	20	20	11	10	25	32	23	29	31	23	21	19	
10	27	26	22	23	19	17	13	12	13	16	11	18	24	18	14	17	26	30	27	20	16	15	14	16	19	
11 Q	17	12	15	14	19	21	29	14	7	7	8	9	11	12	10	10	13	14	15	18	18	19	18	18	15	
12	6	11	14	20	27	44	58	39	33	43	38	42	41	36	28	31	31	27	22	21	28	35	32	30	31	
13	23	25	16	15	22	23	26	30	37	42	31	25	20	15	21	13	15	21	21	27	31	29	21	21	24	
14	21	17	28	17	16	13	12	12	18	24	26	26	25	26	31	25	12	12	14	23	26	13	10	7	19	
15	14	14	39	21	30	34	28	15	15	31	33	24	25	13	14	18	23	16	17	26	29	27	26	16	23	
16	9	8	26	39	35	30	19	20	26	55	26	28	32	27	29	25	25	27	32	21	23	29	24	23	27	
17	30	54	77	85	80	68	55	40	41	38	30	33	34	31	36	39	32	27	34	36	46	60	63	50	47	
18	45	32	32	38	34	25	32	50	43	36	38	30	24	27	19	17	18	18	19	15	11	6	9	13	26	
19	22	22	25	21	20	16	16	19	22	36	24	11	9	10	11	14	15	20	24	28	26	25	28	25	20	
20 Q	21	16	15	18	15	18	16	12	10	12	13	9	17	18	10	8	10	10	6	8	13	8	8	13	13	
21 Q	10	14	17	13	13	15	14	13	13	15	23	31	31	38	47	42	32	27	26	26	22	17	11	9	21	
22	10	9	9	22	26	28	17	18	18	28	35	27	37	32	22	15	11	16	18	20	18	16	18	17	20	
23	14	10	11	14	19	19	16	15	20	27	16	15	12	19	25	23	21	13	13	18	39	44	49	62	22	
24	57	44	68	188	136	77	93	88	78	95	101	94	80	71	65	60	35	40	58	37	64	64	60	62	76	
25	86	67	68	64	46	64	52	81	62	59	55	63	42	41	32	28	32	38	39	60	53	41	40	50	53	
26	39	46	44	48	51	36	40	54	51	43	35	32	30	24	30	37	39	41	39	29	26	29	29	25	37	
27	23	28	20	26	24	21	19	26	28	27	27	23	22	19	15	15	20	32	39	31	27	26	23	26	24	
28	26	30	36	33	35	24	23	21	22	15	16	18	29	24	13	11	15	22	30	39	43	38	32	20	26	
29	21	16	35	44	57	45	43	43	36	24	20	23	24	20	31	37	44	54	101	87	73	59	56	56	44	
30	69	64	53	44	42	43	54	54	55	46	37	36	42	51	42	35	34	27	39	43	37	36	38	29	44	
31	27	26	31	50	47	45	43	34	20	19	19	27	34	36	34	32	38	39	39	27	25	24	23	33	32	
MEAN	26	26	30	36	34	31	33	31	30	31	28															

DAY	ASY-D INDEX										JUN 2000										(PROVISIONAL)				nT
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
01	25	29	31	38	30	12	7	19	17	20	32	32	18	10	11	14	16	15	18	33	47	51	29	33	24
02	46	48	40	37	33	15	11	13	9	10	19	14	15	23	27	22	24	22	10	23	22	21	24	20	23
03	16	24	29	33	24	11	15	15	16	20	25	21	29	10	16	23	23	13	18	26	39	43	33	23	23
04	27	44	48	37	29	24	20	20	14	14	17	15	10	12	13	17	19	29	18	9	16	27	44	40	23
05	33	20	17	19	25	27	35	27	24	15	21	33	35	18	23	29	21	11	11	21	25	24	27	27	24
06	15	17	20	17	18	25	29	32	27	20	22	27	23	26	29	33	20	19	21	25	26	16	16	20	23
07	20	15	9	7	12	18	22	20	20	18	18	16	17	17	20	18	18	11	19	25	32	26	26	29	19
08	31	29	32	32	39	32	36	36	27	38	35	33	35	31	28	34	34	51	47	49	27	29	42	41	35
09 Q	28	20	12	10	9	11	10	13	10	10	14	17	16	12	9	11	18	29	40	42	34	26	32	22	19
10	11	21	20	21	17	26	29	29	29	45	38	29	30	37	34	31	25	26	18	28	28	28	38	39	28
11	39	20	16	13	21	17	16	14	25	26	40	53	53	29	13	27	36	33	26	13	16	18	27	31	26
12	36	35	35	25	19	11	9	13	19	30	35	21	19	18	17	18	15	16	19	27	31	34	31	11	23
13	11	18	24	28	30	19	9	6	13	24	27	24	27	26	19	26	33	32	34	35	35	32	25	22	24
14	33	45	43	39	32	29	23	18	32	36	38	30	24	15	25	13	21	29	31	33	40	49	35	22	31
15	25	25	33	40	35	15	13	7	11	21	30	40	41	31	22	22	32	21	22	25	31	30	26	33	26
16 Q	48	53	44	32	27	28	23	22	11	13	13	10	10	14	15	17	19	18	16	19	25	35	31	25	24
17 Q	17	20	21	15	18	19	18	16	14	12	13	18	24	19	16	18	18	25	39	34	23	11	11	21	19
18	28	25	19	18	28	21	11	8	7	6	7	13	10	9	12	11	15	18	21	17	13	18	15	23	16
19	26	19	23	23	10	5	10	13	13	12	10	9	13	11	9	10	16	19	11	16	24	18	12	14	14
20	20	30	38	28	18	21	18	20	16	16	15	14	14	22	18	16	20	23	23	22	22	18	12	11	20
21	13	14	17	21	17	12	16	15	10	8	7	10	14	19	24	17	20	20	21	30	30	23	18	14	17
22	32	31	18	23	15	14	26	27	22	29	38	24	20	11	14	15	11	12	20	27	21	15	12	4	20
23	15	20	18	18	21	37	11	11	12	14	23	23	20	27	31	48	46	55	42	43	57	48	34	32	29
24	29	14	14	26	50	61	48	26	20	16	21	30	28	18	17	14	13	12	17	23	33	39	29	12	25
25 Q	8	10	14	14	13	17	14	10	11	15	15	16	18	14	10	10	5	8	9	6	5	11	11	15	12
26	15	18	19	28	29	35	51	59	51	37	30	32	28	23	22	40	44	54	37	60	57	55	45	36	38
27	28	25	24	27	16	19	21	19	20	21	17	11	18	9	13	19	20	22	33	40	34	20	14	13	21
28	14	13	19	20	22	21	24	22	16	16	13	12	12	14	12	13	7	10	15	15	12	11	13	11	15
29	12	20	14	23	28	18	23	23	17	18	21	21	21	19	13	10	11	11	28	43	48	39	23	9	21
30 Q	17	23	20	13	10	8	7	8	15	10	11	10	12	11	24	29	21	11	5	7	12	9	12	14	13
MEAN	24	25	24	24	23	21	20	19	18	20	22	22	22	19	18	21	21	22	23	27	29	27	25	22	23

DAY	ASY-H INDEX										JUN 2000										(PROVISIONAL)				nT
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
01	23	11	9	20	30	32	30	24	12	9	11	18	20	19	20	10	15	26	30	24	17	16	14	16	19
02	24	24	27	38	40	32	21	20	13	11	14	17	15	16	18	31	34	19	11	12	15	12	4	8	20
03	18	23	44	43	34	26	22	16	11	16	18	43	45	26	14	12	18	29	28	17	21	31	32	20	25
04	16	18	19	20	27	28	31	34	20	11	8	13	15	13	13	11	12	20	22	30	32	22	47	54	22
05	45	25	28	32	32	38	58	50	46	35	44	34	56	53	24	24	32	33	40	33	20	12	21	29	35
06	19	15	7	11	10	12	12	16	23	16	9	14	21	31	23	27	25	21	12	13	13	4	6	15	15
07	9	9	5	9	15	17	14	14	37	21	20	27	24	14	14	19	26	12	10	8	8	18	18	19	16
08	26	19	14	22	53	48	47	57	30	35	65	45	54	83	92	94	79	65	86	67	69	69	72	52	56
09 Q	41	35	32	29	25	22	22	24	24	22	19	18	20	12	7	6	9	21	28	27	28	25	18	13	22
10	21	21	20	33	29	41	38	45	54	56	52	44	35	29	30	28	35	27	22	21	10	12	19	34	32
11	46	35	23	22	34	24	24	31	31	28	62	54	66	61	52	28	26	45	41	26	18	20	20	10	34
12	9	14	23	27	26	24	21	17	23	20	16	15	13	10	21	14	26	45	32	24	9	17	16	16	20
13	9	6	12	20	21	23	28	27	32	36	37	38	36	31	30	25	26	20	11	6	15	21	25	35	24
14	28	29	26	26	31	30	22	17	30	21	16	16	16	11	26	19	25	17	17	37	46	39	33	25	25
15	29	25	23	23	22	18	17	14	22	20	24	17	26	40	49	46	45	41	33	29	15	14	21	21	26
16 Q	21	22	22	19	20	23	23	26	30	22	17	12	6	5	9	13	19	29	28	29	26	24	25	13	20
17 Q	14	12	14	13	14	14	13	12	8	6	9	16	22	25	21	19	15	9	18	21	20	14	14	7	15
18	9	10	14	16	21	30	29	22	15	8	10	10	13	10	24	21	27	24	27	34	35	33	20	20	20
19	24	21	23	24	21	18	23	21	14	15	16	13	17	26	20	14	14	15	24	27	18	10	7	11	18
20	12	17	16	18	18	19	18	17	16	17	18	21	26	25	24	19	12	27	25	25	20	16	8	10	19
21	22	17	12	12	19	24	32	30	27	25	19	11	9	17	13	10	19	25	32	33	32	18	12	17	20
22	28	29	14	15	23	28	26	26	23	28	27	20	18	12	8	8	17	23	19	20	23	13	12	13	20
23	15	18	21	21	20	28	19	18	16	18	19	27	39	67	35	32	17	30	62	60	66	65	41	32	33
24	46	32	34	23	32	42	56	29	22	13	11	21	26	22	14	12	8	10	26	23	13	15	17	17	24
25 Q	10	7	10	16	17	12	13	11	7	6	10	8	9	9	9	9	12	8	10	10	9	13	8	9	10
26	12	19	11	31	65	66	56	41	44	52	65	56	56	43	46	54	51	57	65	47	26	31	41	49	45
27	39	34	39	38	36	38	45	42	37	31	27	16	17	25	21	24	30	32	38	40	35	31	36	47	33
28	26	24	28	35	22	18	15	15	14	15	11	10	10	13	17	29	19	13	19	30	34	38	24	30	21
29	29	52	39	50	52	43	38	27	24	23	25	19	28	31	29	22	12	7	10	21	40	41	28	16	29
30 Q	6	5	10	14	11	10	14	16	13	16	17	16	22	22	19	21	22	22	15	14	15	19	15	12	15
MEAN	23	21	21	24	27	28	28	25	24	22	24	23	26	27	25	23	24	26	28	27	25	24	22	22	24

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01	19	18	20	12	7	11	13	15	15	12	23	25	17	14	14	13	15	13	10	13	29	34	35	26	18	
02 Q	7	4	10	21	29	20	13	11	15	16	12	5	10	10	9	8	14	21	22	20	21	24	28	26	16	
03	17	7	9	9	16	22	20	16	18	15	17	19	21	13	17	19	16	15	11	11	17	18	17	7	16	
04	13	25	25	27	22	27	26	31	39	32	29	22	16	19	17	12	14	16	19	22	19	24	19	10	22	
05	28	35	26	13	8	10	21	26	22	19	12	17	10	15	13	12	15	20	15	8	10	20	11	12	16	
06 Q	11	22	26	23	22	36	38	34	31	24	18	12	6	6	5	11	20	24	24	21	18	21	17	10	20	
07 Q	9	11	12	16	24	30	32	23	19	19	11	16	12	10	14	19	17	16	13	6	12	10	12	10	16	
08	10	14	19	21	24	17	22	16	11	12	11	8	9	11	17	17	13	14	20	24	15	9	18	31	16	
09	30	24	21	17	14	10	16	9	9	8	11	10	10	8	6	6	7	10	19	21	25	19	15	14	14	
10	16	20	21	21	23	25	20	26	26	22	22	13	12	20	16	22	24	28	28	31	30	38	54	51	25	
11	33	20	11	17	19	22	26	40	29	34	16	23	32	24	17	16	13	17	23	23	34	32	42	38	25	
12	36	31	14	20	25	21	15	13	32	32	37	26	16	15	13	10	12	23	38	45	29	12	13	17	23	
13	16	15	21	22	22	10	18	20	12	12	27	47	36	52	40	43	24	27	30	30	29	24	12	17	25	
14	25	28	25	9	9	18	23	12	21	30	68	49	33	29	22	34	24	67	55	48	59	43	65	48	35	
15	38	30	24	23	21	15	16	17	34	19	19	37	31	34	60	49	38	58	50	109	225	170	171	158	60	
16	118	102	96	70	67	47	49	44	43	36	39	46	50	43	44	48	44	44	45	45	45	51	44	38	54	
17	38	36	24	20	23	29	20	22	34	36	35	32	27	24	19	21	28	33	20	13	20	30	27	23	26	
18	23	20	21	22	20	13	11	13	13	20	39	48	53	52	43	33	27	26	21	45	76	81	76	51	35	
19	32	24	21	25	23	24	25	28	25	20	17	19	17	17	16	19	26	40	48	41	36	60	48	25	28	
20	26	30	36	27	29	45	36	44	48	45	50	53	52	66	36	32	30	21	15	17	19	15	16	20	34	
21	19	23	22	26	22	17	13	16	20	24	22	18	36	47	37	32	30	30	30	30	42	53	42	23	28	
22	14	20	23	27	33	24	19	19	21	24	22	28	31	36	32	29	35	29	21	19	26	35	32	37	26	
23	36	21	16	21	12	14	15	12	6	11	14	15	9	9	19	21	22	36	39	20	22	30	32	35	20	
24 Q	37	39	32	28	28	22	19	19	19	23	31	23	18	15	10	10	13	13	11	16	24	20	14	16	21	
25 Q	14	12	23	26	21	22	28	28	30	27	19	12	10	6	7	13	17	20	23	19	22	24	22	11	19	
26	12	6	9	11	14	13	23	40	34	37	41	38	31	24	23	24	24	23	12	14	27	28	29	23	23	
27	31	35	41	23	12	14	14	11	11	12	20	21	15	14	11	12	10	13	9	10	15	18	20	25	17	
28	17	21	18	19	14	25	49	59	66	53	33	25	25	23	31	42	52	46	48	41	22	21	23	30	33	
29	37	23	25	18	23	36	39	48	52	54	48	41	30	31	28	19	13	10	22	28	41	39	31	28	32	
30	30	38	34	31	21	17	22	15	13	14	19	22	20	17	17	21	23	21	10	10	20	26	23	22	21	
31	31	24	25	29	30	23	25	24	23	20	29	39	47	50	38	28	24	18	21	25	23	23	24	38	28	
MEAN	26	25	24	22	22	22	23	24	26	25	26	26	24	24	22	22	22	26	25	27	34	34	33	30	26	

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01	13	11	21	22	20	16	11	20	29	22	25	20	19	19	15	17	18	22	25	21	20	24	21	20	20	
02 Q	21	16	14	14	13	14	15	15	19	21	16	12	6	7	10	13	16	15	8	14	21	17	12	15	14	
03	16	16	20	19	23	27	21	25	10	7	12	16	24	20	11	8	8	14	16	14	11	7	17	15	16	
04	13	8	11	18	22	23	28	33	29	25	28	22	17	15	11	15	12	13	14	20	30	37	41	34	22	
05	21	35	43	46	39	32	17	16	19	25	28	27	15	28	27	22	12	9	5	9	10	9	11	13	22	
06 Q	10	12	17	24	22	21	16	8	8	11	11	12	16	22	24	19	15	20	17	17	18	16	14	7	16	
07 Q	10	17	17	15	20	11	6	6	12	21	12	11	10	20	26	25	8	9	8	14	22	18	19	15	15	
08	20	19	16	24	30	28	18	15	10	6	6	6	7	11	14	17	14	17	28	33	35	28	19	15	18	
09	16	22	22	22	26	28	20	14	14	11	7	6	4	7	7	7	4	4	6	12	19	13	7	15	13	
10	7	6	14	16	23	38	37	38	40	26	17	16	21	14	17	24	22	27	27	21	19	23	22	18	22	
11	17	30	35	39	43	51	33	28	25	28	24	35	38	49	55	70	57	46	25	20	34	36	39	38	37	
12	43	40	33	25	9	6	7	8	11	15	17	25	29	28	18	24	22	18	23	32	37	38	40	29	24	
13	13	11	17	29	39	40	30	24	23	17	27	43	51	77	72	81	67	39	15	11	30	43	54	41	37	
14	29	21	18	17	16	22	30	25	15	14	34	43	32	30	22	56	36	98	66	86	64	39	48	23	37	
15	15	13	12	17	22	14	15	23	41	27	26	42	45	56	116	70	57	136	138	132	205	278	308	250	86	
16	218	152	79	98	110	106	108	114	118	112	96	78	71	56	53	60	63	70	73	68	70	64	69	71	91	
17	67	70	57	46	40	41	41	30	30	41	40	32	33	34	35	14	9	15	15	27	34	38	42	32	36	
18	19	8	16	14	19	37	37	34	21	23	21	19	18	24	33	31	24	14	19	36	52	40	43	22	26	
19	54	46	34	27	13	12	14	24	17	14	23	24	23	19	19	38	50	34	22	24	30	66	50	32	30	
20	35	32	58	77	58	56	53	63	75	67	57	72	83	64	49	33	27	24	23	19	31	32	20	18	47	
21	22	24	21	21	23	24	21	18	15	9	7	11	32	32	24	20	14	15	24	26	24	22	28	29	21	
22	27	22	18	13	20	19	18	24	34	42	54	56	45	51	56	59	47	56	52	32	31	28	33	29	36	
23	30	34	31	27	16	14	12	13	16	11	8	9	10	13	21	29	29	46	57	68	45	57	37	30	28	
24 Q	31	25	32	39	38	34	29	24	16	14	13	12	11	15	21	25	26	28	20	17	19	25	28	19	23	
25 Q	16	14	9	12	14	15	11	9	7	6	8	9	12	12	8	19	10	11	22	24	22	18	15	14	13	
26	16	9	7	17	29	29	25	33	33	36	43	40	34	36	32	31	30	20	25	39	42	31	31	50	30	
27	27	32	34	22	17	27	31	26	20	17	16	19	22	24	18	9	8	13	10	11	16	9	7	19	19	
28	8	12	6	16	22	26	33	53	57	47	43	37	49	64	48	61	78	79	78	54	36	30	29	30	41	
29	35	41	34	36	27	36	53	45	38	37	59	79	78	57	25	22	20	15	13	11	21	35	28	19	36	
30	26	25	26	37	28	27	20	14	11	11	15	19	11	10	11	11	12	16	15	13	16	19	22	23	18	
31																										

DAY	ASY-D INDEX										AUG 2000										(PROVISIONAL)				nT
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
01	13	20	29	22	13	15	21	11	12	21	20	30	42	46	28	26	34	27	22	17	19	21	20	27	23
02	40	36	39	34	32	33	29	20	14	15	21	14	11	17	21	28	37	38	29	27	18	9	13	16	25
03	20	22	28	28	19	19	20	18	14	24	24	23	21	22	15	24	37	40	32	42	41	33	29	17	26
04	10	23	28	23	27	34	36	40	24	11	15	21	18	24	14	30	30	36	36	23	19	22	17	20	24
05	18	18	22	22	19	22	24	33	47	40	45	36	16	45	43	37	35	33	26	17	20	16	20	17	28
06	20	18	36	30	19	32	26	19	13	17	16	20	23	25	36	26	29	33	22	14	15	18	15	8	22
07	12	27	29	20	13	11	13	12	11	17	22	23	15	17	20	18	26	33	28	24	21	12	14	20	19
08	19	20	16	16	20	18	22	30	26	25	22	15	7	13	19	21	23	16	10	9	11	12	16	19	18
09	22	28	29	24	16	10	9	10	9	11	11	13	11	16	21	22	17	18	15	16	23	29	20	12	17
10	16	11	9	16	15	17	34	38	20	16	16	12	23	16	24	32	34	35	25	20	22	33	47	65	25
11	42	35	58	41	63	47	59	44	51	52	46	55	35	33	39	35	33	37	24	27	41	44	71	76	45
12	49	25	30	102	80	57	109	104	111	128	117	116	98	100	100	96	66	63	41	33	30	35	49	57	75
13	48	41	26	23	26	27	26	11	9	9	15	18	27	25	17	21	21	23	20	18	22	23	25	18	22
14	14	13	14	16	17	24	24	18	10	10	8	13	17	22	23	24	19	9	22	28	24	25	37	26	19
15	18	24	32	31	29	24	14	15	15	13	22	16	21	28	26	25	28	27	24	22	12	10	14	25	22
16	34	29	26	21	22	23	30	19	16	13	9	13	23	28	18	18	26	30	39	51	53	42	21	11	26
17	13	17	17	9	8	23	44	40	25	26	14	22	32	36	27	25	24	29	28	25	18	22	17	17	23
18 Q	14	18	24	24	23	13	10	18	15	10	13	18	16	13	16	19	13	12	20	20	21	17	13	10	16
19 Q	8	13	15	7	3	6	10	12	8	7	9	14	16	13	14	16	8	9	11	12	14	14	6	6	10
20	9	19	21	20	15	9	6	10	7	5	5	8	7	12	16	21	11	14	20	21	34	34	28	25	16
21	11	12	22	28	32	28	19	17	4	18	12	24	13	20	14	23	26	28	34	29	31	18	17	27	21
22 Q	25	17	14	12	14	14	12	10	7	8	6	4	11	22	21	18	17	25	35	30	19	13	7	6	15
23	4	9	16	20	17	11	6	7	9	13	21	25	22	12	13	23	19	17	14	7	8	11	13	13	14
24	10	12	12	12	15	20	16	13	10	6	5	15	15	13	10	9	15	20	23	19	17	21	15	8	14
25 Q	7	9	14	14	15	17	17	12	8	6	5	7	11	15	12	10	12	9	6	6	5	8	8	5	10
26 Q	6	5	12	13	14	12	15	19	17	16	15	21	24	23	14	16	25	28	23	14	9	8	5	4	15
27	4	10	9	9	17	17	12	10	10	7	5	6	13	18	24	25	23	22	21	19	17	15	16	10	14
28	8	12	19	23	34	38	30	29	20	14	20	22	29	27	24	29	27	37	37	28	31	28	34	26	26
29	52	47	34	27	17	25	37	19	21	38	21	33	19	11	20	30	18	18	25	12	16	21	26	21	25
30	25	26	25	29	28	25	19	18	15	24	16	10	12	12	15	13	16	22	16	7	17	31	33	30	20
31	21	18	21	16	15	20	16	14	12	17	30	14	16	17	16	10	6	14	13	7	12	26	31	18	17
MEAN	20	20	23	24	23	22	25	22	19	21	20	22	21	24	23	25	24	26	24	21	21	22	22	21	22

DAY	ASY-H INDEX										AUG 2000										(PROVISIONAL)				nT
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
01	26	25	22	22	21	19	25	23	18	21	19	20	27	38	43	32	37	41	38	31	30	23	20	16	26
02	30	16	21	35	54	38	23	24	28	30	33	27	23	22	18	19	28	37	26	20	28	26	23	14	27
03	24	10	10	19	16	20	29	23	17	21	20	18	24	22	17	8	21	28	14	18	23	23	17	15	19
04	9	25	25	28	27	26	24	37	19	18	28	21	23	40	26	23	35	24	15	20	19	17	18	26	24
05	20	13	10	5	10	14	25	29	29	58	34	35	28	30	42	47	57	50	40	27	25	18	18	25	29
06	40	37	33	55	51	42	19	12	12	20	25	18	15	14	19	16	11	12	19	20	18	10	20	31	24
07	33	20	8	10	16	20	31	19	16	17	30	36	23	15	21	26	25	13	22	11	13	14	10	11	19
08	11	13	11	18	26	31	28	24	27	18	15	10	18	22	9	4	13	10	9	11	20	27	29	24	18
09	15	8	9	17	11	9	13	11	10	12	13	10	13	18	14	14	12	11	11	13	20	24	25	20	14
10	12	16	14	7	13	25	39	71	55	39	38	38	42	34	25	24	29	29	25	23	20	26	29	48	30
11	29	43	54	69	81	78	70	58	54	44	59	54	40	30	30	28	18	25	29	39	34	39	55	57	47
12	50	48	29	145	153	68	102	99	112	153	120	125	98	85	160	146	118	106	89	54	42	41	35	38	92
13	37	39	39	42	36	27	23	15	14	15	23	29	29	29	22	13	12	10	9	10	11	11	8	14	22
14	8	7	10	15	14	9	6	9	14	18	19	14	17	18	15	16	21	16	22	30	26	32	37	30	18
15	19	19	15	10	22	10	8	8	9	19	24	18	11	18	19	9	7	16	10	11	15	15	17	14	14
16	7	12	15	20	21	19	15	11	19	17	16	19	20	15	16	16	18	24	24	25	26	27	24	22	19
17	16	11	17	30	32	28	22	17	17	13	8	9	12	15	22	19	18	23	20	13	13	18	24	27	18
18 Q	26	18	21	21	18	12	10	11	14	14	13	15	20	22	19	14	15	15	13	11	14	16	20	19	16
19 Q	9	10	13	15	10	6	10	10	7	5	11	9	6	10	14	11	5	8	10	9	11	7	12	15	10
20	16	14	15	17	16	12	10	7	6	6	7	7	6	8	15	23	16	23	26	31	32	28	17	12	15
21	12	10	11	22	49	42	38	34	29	28	18	16	11	10	18	22	25	21	20	23	30	29	26	26	24
22 Q	20	20	15	11	9	10	9	8	9	9	7	4	5	8	11	11	15	14	10	10	13	12	13	6	11
23	8	8	4	6	10	11	10	8	7	7	21	48	56	56	40	27	27	28	26	20	16	19	16	9	20
24	8	13	14	10	9	26	27	25	16	10	10	14	14	11	11	17	25	28	32	31	21	10	7	6	16
25 Q	7	7	15	20	18	9	11	15	17	15	14	11	11	15	19	12	7	6	6	7	9	9	7	8	11
26 Q	11	10	7	12	13	9	14	14	14	17	11	10	7	13	12	13	16	16	17	11	9	7	7	4	11
27	5	11	11	15	11	9	10	15	17	16	13	18	21	18	22	18	15	17	22	25	28	27	26	19	17
28	19	13	15	12	10	9	13	13	15	21	24	26	37	55	32	20	24	65	57	22	28	22	27	29	25
29	72	52	49	50	50	38	69	36	29	31	30	25	21	12	15	39	55	35	41	46	26	20	14	25	37
30	36	32	33	33	29	29	29	24	19	23	18	6	12	16	26	8	2	6	8	17	28	34	28	26	22
31	33	30	35	45	42	35	28	21	24	27	42	23	11	17	19	21	14	18	14	15	17	16	23	14	24
MEAN	22	20	19	27	29	24	26	24	22	25	25	24	23	24	26	23	24	25	23						

DAY	ASY-D INDEX										SEP 2000										(PROVISIONAL)				nT
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
01	28	27	26	18	24	20	13	31	30	21	14	33	22	26	17	15	10	20	32	24	21	33	44	54	25
02	35	28	32	44	36	32	33	38	30	38	34	31	30	39	41	38	33	27	19	8	12	9	14	13	29
03	13	10	13	19	24	24	19	14	14	12	9	9	13	12	17	16	14	13	20	36	36	23	15	25	17
04	24	16	10	15	19	24	15	7	16	22	20	17	16	17	16	16	18	27	35	45	21	28	21	13	20
05	16	14	19	18	13	18	15	14	16	23	27	20	17	17	24	20	10	19	34	29	13	22	23	16	19
06	13	12	18	18	16	19	22	20	9	14	14	12	7	13	23	25	29	42	48	46	20	20	24	31	21
07	29	22	22	33	33	36	36	31	26	22	18	26	26	26	25	23	20	19	17	18	17	12	21	41	25
08	38	29	23	15	15	18	25	24	32	34	53	62	43	31	44	25	15	17	22	15	18	17	25	30	28
09 Q	21	18	20	11	14	18	14	13	9	9	9	12	11	10	13	12	7	7	15	15	14	10	12	10	13
10 Q	17	19	18	9	10	13	15	9	7	9	11	9	8	5	6	6	11	9	8	14	9	5	9	19	11
11 Q	29	35	33	22	11	11	16	10	9	12	12	12	5	4	6	9	9	11	18	17	12	13	18	18	15
12	15	23	21	10	22	25	27	20	13	13	20	25	42	53	65	58	52	53	57	28	15	18	16	16	30
13	23	31	37	49	35	22	15	19	21	19	12	8	9	9	12	16	13	12	12	17	13	12	20	21	19
14 Q	16	13	10	13	12	17	22	25	17	14	14	12	6	6	9	11	10	10	14	19	15	17	27	25	15
15	20	14	15	17	18	23	30	34	25	24	21	12	7	10	11	13	20	32	26	32	40	19	15	22	21
16	28	37	32	25	31	27	35	35	34	23	21	32	25	19	20	15	22	25	16	29	29	30	30	30	27
17	30	46	30	41	28	16	13	10	20	22	20	16	17	25	19	11	27	41	38	49	71	102	79	55	34
18	71	58	51	40	37	29	20	21	31	34	34	25	16	23	31	50	29	26	30	32	44	40	25	18	34
19	39	52	42	28	20	11	9	14	20	25	19	34	26	43	54	37	22	17	21	36	37	25	16	17	28
20	33	47	40	35	28	15	14	19	16	19	22	17	29	19	19	11	22	26	17	23	36	33	13	13	23
21	33	40	27	29	34	38	26	16	12	28	24	19	7	14	15	14	15	16	9	8	15	14	9	14	20
22 Q	38	50	49	34	22	24	19	14	12	15	13	10	10	11	12	16	13	13	12	15	21	24	18	16	20
23	25	29	26	20	30	37	35	26	17	20	22	19	16	14	14	18	23	23	13	7	22	37	32	22	23
24	23	32	31	14	7	20	24	18	11	15	22	24	18	16	22	21	24	19	26	17	23	17	13	11	20
25	27	30	21	18	18	29	34	31	35	36	42	27	17	17	33	33	26	31	34	19	20	22	19	23	27
26	37	26	25	26	33	37	42	39	47	53	36	27	42	23	31	32	20	25	31	45	42	35	22	10	33
27	26	34	24	15	14	21	31	32	28	28	26	12	13	19	22	14	10	11	18	22	19	10	26	42	22
28	56	52	31	19	14	15	19	18	27	32	44	33	26	25	35	27	21	22	18	14	13	9	15	24	25
29	31	34	22	8	20	35	37	27	12	13	22	20	12	12	25	26	20	21	25	37	33	15	11	26	23
30	43	43	35	18	26	32	43	53	50	41	45	75	72	69	61	67	42	41	27	19	33	35	34	22	43
MEAN	29	31	27	23	22	24	24	23	22	23	23	23	20	21	25	23	20	22	24	25	24	24	22	23	24

DAY	ASY-H INDEX										SEP 2000										(PROVISIONAL)				nT
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
01	14	18	25	26	36	32	42	58	37	25	24	39	15	20	20	24	26	29	31	40	26	19	10	18	27
02	30	20	37	54	40	30	32	38	24	34	46	48	58	69	67	41	48	51	53	56	45	27	23	18	41
03	12	13	15	15	14	12	16	23	30	33	28	20	18	13	9	11	10	19	18	14	23	36	31	20	19
04	12	10	20	22	16	8	7	11	12	17	11	11	9	9	12	16	27	55	70	61	59	51	52	38	26
05	20	16	15	22	25	17	14	17	20	23	22	16	10	9	15	26	26	39	42	34	32	22	17	16	21
06	14	17	22	21	25	24	19	17	15	14	13	13	9	8	9	14	14	42	39	34	30	24	21	17	20
07	14	11	18	24	21	26	28	30	34	33	29	36	29	33	32	28	23	33	38	32	30	21	26	24	27
08	19	20	21	24	14	11	19	23	27	36	61	46	45	46	66	68	54	41	35	21	20	23	27	30	33
09 Q	17	14	22	23	22	22	25	24	19	20	15	16	18	12	11	8	11	11	12	10	10	11	9	5	15
10 Q	6	8	15	22	17	12	7	9	9	10	9	6	6	8	7	10	12	13	10	12	16	14	9	6	11
11 Q	16	22	23	21	24	24	17	13	11	11	10	11	10	12	7	5	10	14	14	13	12	6	10	10	14
12	14	21	23	20	32	32	20	16	17	51	52	58	82	90	77	75	70	64	57	46	38	29	30	43	
13	25	46	36	36	45	38	38	32	27	19	12	13	10	11	17	18	19	23	26	28	29	29	21	26	
14 Q	13	9	8	9	11	13	12	11	10	11	7	10	15	13	6	11	16	20	16	11	8	9	7	11	11
15	16	14	14	13	14	24	29	24	15	14	22	22	22	21	27	27	20	27	24	18	28	39	35	30	23
16	40	46	34	17	16	14	13	18	22	19	29	39	43	49	59	36	33	27	24	33	24	41	67	77	34
17	50	47	27	49	39	30	22	21	22	21	19	23	24	28	27	36	25	34	26	28	77	150	182	113	47
18	128	95	90	79	60	51	54	54	51	49	52	46	39	36	47	93	77	54	43	41	41	37	40	34	58
19	32	23	19	19	18	18	17	20	27	25	53	74	73	68	78	69	32	16	16	17	15	22	37	40	34
20	39	30	24	37	36	17	17	18	19	22	21	19	33	31	42	33	21	20	26	24	21	23	23	22	26
21	19	12	12	19	22	37	30	31	37	54	38	23	27	33	31	37	32	21	18	19	19	15	18	19	26
22 Q	16	20	18	16	24	25	22	19	15	18	23	25	26	22	13	8	7	9	10	9	13	15	21	17	17
23	9	10	14	16	19	26	24	18	14	8	9	14	16	23	27	28	18	19	15	11	15	20	15	11	17
24	10	10	17	24	24	22	18	21	20	18	16	14	10	9	12	17	29	36	42	41	38	41	43	33	24
25	25	34	31	21	15	15	18	16	11	28	30	20	21	25	35	43	44	54	50	53	52	52	58	45	33
26	42	46	50	46	27	31	25	19	29	50	60	36	39	27	28	31	21	19	20	31	43	31	27	22	33
27	21	35	27	26	23	27	17	12	12	14	15	15	21	23	20	15	13	21	20	12	17	24	24	18	20
28	14	21	35	37	38	18	9	8	18	16	26	46	47	38	44	42	36	24	16	15	13	19	23	23	26
29	22	23	20	25	12	6	8	8	11	15	22	24	25	35	31	32	29	29	26	20	13	20	22	24	21
30	25	34	42	36	49	46	48	62	63	48	60	89	105	113	94	99	71	45	45	43	62	68	74	44	61
MEAN	24	25	26	27	26	24	22	23	23	24	28	29	30	31	32	33	29	30	30	28	29	32	34	28	28

ASY-D INDEX					OCT 2000										(PROVISIONAL)										nT	
DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01	21	23	24	22	19	22	35	28	20	16	13	21	18	17	21	14	11	23	18	9	11	26	36	33	21	
02	28	22	15	13	19	29	32	27	21	15	14	20	22	24	25	17	27	44	19	8	11	17	16	14	21	
03	16	20	39	47	37	32	53	42	38	52	46	65	73	57	47	35	39	35	34	27	17	13	12	11	37	
04	19	22	25	20	18	26	29	42	56	54	67	46	60	53	45	74	81	67	71	73	44	47	51	60	48	
05	66	62	62	48	55	98	154	113	51	38	34	93	136	80	95	104	112	103	68	41	36	27	38	36	73	
06 Q	37	42	44	39	29	28	25	19	16	18	24	28	17	14	19	25	26	20	18	20	27	31	29	27	26	
07	21	18	28	33	31	31	26	20	22	21	19	18	13	17	5	13	13	13	10	8	8	9	11	16	18	
08 Q	14	11	18	20	16	17	16	9	10	9	10	14	10	13	12	9	8	12	12	11	17	14	13	21	13	
09 Q	13	9	6	6	7	9	8	8	8	8	7	9	7	9	10	7	6	5	11	15	12	8	5	10	8	
10	14	20	18	9	14	23	36	29	26	30	35	28	21	9	18	23	32	40	39	33	23	19	21	15	24	
11	8	14	10	13	35	26	25	29	24	19	16	13	19	18	16	7	12	13	15	26	21	18	12	8	17	
12	13	6	7	9	7	10	8	6	7	12	13	13	9	11	8	7	10	7	13	20	22	13	11	19	11	
13	36	36	34	46	71	51	34	22	19	16	17	21	17	13	11	9	16	14	19	24	18	10	9	15	24	
14	15	17	21	22	38	57	65	66	76	74	54	45	34	50	79	65	73	48	56	40	26	30	20	32	46	
15	24	25	22	21	11	13	10	7	7	10	7	12	10	11	7	7	11	15	16	8	9	11	17	25	13	
16	43	34	24	21	14	18	16	8	6	10	18	28	27	20	13	8	14	19	13	6	6	7	8	13	16	
17	22	21	19	14	18	22	21	14	14	16	11	15	12	10	17	18	14	10	9	13	17	7	7	17	15	
18	17	10	9	22	24	23	20	21	18	13	13	16	9	12	13	10	7	7	6	10	9	9	13	12	13	
19	14	16	22	12	15	19	11	13	11	10	9	13	14	20	26	23	16	18	13	6	5	10	8	8	14	
20 Q	5	9	12	12	12	10	7	12	12	9	8	6	6	12	16	13	11	9	10	12	10	12	15	17	11	
21 Q	17	20	23	18	11	15	19	19	16	17	18	13	7	10	11	11	15	15	14	12	11	10	9	11	14	
22	13	18	24	18	15	8	7	6	6	7	12	21	21	19	39	32	25	20	38	24	18	16	16	22	19	
23	24	27	25	21	15	15	21	46	31	18	24	28	14	8	7	11	15	23	18	14	14	8	13	13	19	
24	10	17	12	17	14	11	13	16	20	21	25	29	22	21	17	11	11	18	23	29	20	15	11	7	17	
25	8	4	8	16	25	29	27	31	39	33	32	35	39	33	24	20	14	11	17	12	16	24	17	19	22	
26	11	10	22	18	16	11	13	17	30	25	23	28	18	24	13	12	12	24	22	21	16	14	12	10	18	
27	9	5	7	12	9	9	13	8	6	4	10	21	16	12	14	12	9	8	18	27	27	23	20	19	13	
28	19	16	12	9	11	16	21	17	10	14	28	46	49	22	24	19	18	15	9	14	17	17	27	47	21	
29	28	26	29	29	49	52	50	60	58	48	33	34	37	44	35	60	56	54	46	35	17	11	12	16	38	
30	23	18	31	24	19	14	10	9	11	18	24	22	15	12	7	13	29	32	20	17	14	16	17	20	18	
31	20	20	21	14	11	7	14	13	12	13	11	15	14	12	13	12	10	15	12	10	20	23	25	24	15	
MEAN	20	20	22	21	22	24	27	25	23	22	22	26	25	22	23	23	24	24	23	20	17	17	17	20	22	

ASY-H INDEX					OCT 2000										(PROVISIONAL)										nT	
DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01	21	28	29	26	24	35	42	43	46	42	28	19	22	21	25	24	21	19	13	12	17	17	11	9	25	
02	13	17	22	22	21	18	11	12	18	25	30	45	54	59	52	44	46	64	60	41	23	25	24	23	32	
03	18	24	44	64	56	49	55	67	75	80	87	115	100	78	95	74	50	39	30	25	28	30	33	30	56	
04	20	10	10	15	20	35	59	83	89	84	99	94	110	113	71	100	105	87	96	94	92	81	70	66	71	
05	68	69	63	66	97	110	167	160	87	64	80	125	224	134	154	153	128	126	72	80	64	68	51	49	102	
06 Q	53	52	50	51	46	43	38	37	38	40	40	38	34	33	32	31	27	22	15	9	7	7	10	18	32	
07	23	20	16	16	18	16	17	17	21	16	16	17	29	19	29	26	15	8	18	16	10	8	9	10	17	
08 Q	13	11	8	11	17	19	17	13	9	8	7	8	6	4	5	7	7	11	18	22	23	20	14	9	12	
09 Q	12	19	21	14	11	11	11	10	9	8	10	9	8	5	4	7	10	12	15	23	17	11	13	15	12	
10	14	14	15	15	15	21	26	34	34	43	44	53	40	39	41	43	54	66	48	31	21	18	20	26	32	
11	28	23	29	27	39	53	50	50	39	27	24	19	29	42	27	16	19	18	17	24	17	22	25	23	29	
12	14	15	19	20	21	19	18	17	17	10	18	15	8	9	17	24	29	28	20	13	10	14	21	28	18	
13	33	102	79	63	119	97	43	35	38	37	28	31	35	33	30	34	43	35	44	42	27	21	23	26	46	
14	28	32	46	57	72	67	54	61	66	63	73	73	98	98	117	114	110	91	71	63	36	30	45	34	67	
15	29	22	19	24	21	21	20	19	16	17	20	20	18	21	23	30	29	21	19	23	25	19	21	20	21	
16	29	53	34	23	21	25	27	23	19	18	15	14	15	11	18	22	15	13	17	18	17	13	8	7	20	
17	9	16	35	29	17	22	27	26	17	13	11	11	9	12	16	11	9	10	7	9	21	11	8	13	15	
18	20	18	11	13	15	11	10	14	12	9	10	15	16	24	16	14	14	11	7	9	10	12	22	11	13	
19	9	10	17	16	17	16	15	18	20	12	8	5	5	13	20	25	23	15	11	9	11	13	15	9	14	
20 Q	9	6	6	8	10	14	13	12	12	8	4	4	4	4	7	11	11	8	8	11	14	11	13	14	9	
21 Q	15	17	24	32	30	25	25	19	16	12	13	11	10	10	12	13	12	12	24	28	26	21	22	19	19	
22	16	15	22	33	39	45	52	50	47	33	28	33	45	45	48	44	35	34	52	52	47	44	32	33	39	
23	28	19	21	16	20	21	23	35	30	23	34	37	36	37	21	9	9	15	18	21	16	17	21	18	23	
24	8	13	11	13	13	17	25	32	32	25	44	55	48	40	34	18	15	25	35	25	26	20	20	15	26	
25	12	14	16	19	17	16	14	19	29	22	29	34	48	51	37	25	15	13	27	30	23	19	16	16	23	
26	18	17	25	29	38	33	30	26	21	21	20	28	27	28	23	19	15	15	29	32	32	33	29	18	25	
27	10	19	21	22	19	17	16	25	28	23	12	14	13	6	11	18	18	15	14	15	14	10	16	20	17	
28	20	24	41	52	56	50	52	57	53	42	45	74	53	42	48	34	17	26	32	45	54	46	41	51	44	
29	85	67	76	71	75	65	52	55	58	61	65	69	71	75	69	75	77	71	68	51	56	39	31	22	63	
30	25	26	47	35	24	28	26	23	19	27	32	23	28	29	27	28	37	39	25	17	12	13	14	20	26	
31	25	26	36	34	27	20	11	12	16	16	17	17	16	13	13	16	17	21	25	33	41	43	44	45	24	
MEAN	23	26	29	30	33	33	34	36	33	30	32	36	41	37</												

ASY-D INDEX

NOV 2000

(PROVISIONAL)

nT

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01		24	33	27	25	21	17	15	19	23	23	20	17	14	11	13	10	12	20	21	15	13	12	10	5	17
02 Q		9	10	13	19	21	20	17	21	19	15	15	12	10	7	7	8	6	16	24	16	7	8	9	13	13
03 Q		13	13	13	14	9	10	10	11	18	19	12	11	10	5	8	13	8	6	8	9	14	13	14	11	11
04		6	8	14	29	30	37	27	30	49	44	27	18	22	33	25	23	24	25	28	24	34	31	25	37	27
05		39	25	17	14	10	9	11	15	17	15	10	12	15	13	20	33	24	25	24	24	29	19	31	40	20
06		38	26	22	15	16	23	23	22	17	12	31	31	28	25	69	83	63	83	77	69	64	51	37	49	41
07		45	37	31	57	70	65	61	62	74	69	71	65	59	53	46	35	28	26	29	30	28	28	28	32	47
08		25	17	20	20	19	20	23	25	27	22	19	18	19	16	15	11	9	8	8	12	9	9	5	12	16
09		15	19	19	19	21	16	12	11	8	11	13	10	14	18	16	23	16	14	14	10	13	20	21	19	15
10		17	15	17	17	9	12	27	31	24	30	38	48	44	35	30	33	33	32	31	27	23	21	24	31	27
11		33	28	21	22	21	19	14	15	16	15	13	14	16	17	18	14	20	24	19	32	29	24	17	18	20
12		33	22	17	20	29	14	12	30	23	26	37	17	8	12	18	19	20	24	19	16	17	14	15	25	20
13		28	20	11	10	8	10	11	8	9	11	9	12	16	21	18	17	20	18	14	13	10	12	9	14	14
14 Q		17	13	10	13	16	17	18	16	18	16	15	15	10	6	7	7	4	3	6	11	9	12	11	9	12
15 Q		11	7	10	14	16	17	12	15	15	12	8	7	5	3	5	5	8	9	10	14	12	9	6	8	10
16		10	10	5	13	9	9	13	13	14	13	9	13	14	18	24	22	21	20	14	13	23	22	13	8	14
17 Q		5	4	8	10	10	9	10	15	16	11	9	10	7	7	7	6	6	5	4	5	4	9	10	8	8
18		5	10	14	13	9	8	9	9	11	11	12	12	10	9	6	9	13	13	15	14	16	11	12	20	11
19		24	17	13	11	11	11	17	19	18	17	21	20	12	12	11	10	9	12	15	9	6	14	19	17	14
20		14	11	13	22	26	18	16	16	13	11	10	14	13	17	25	31	24	25	25	18	13	13	13	14	17
21		8	8	12	17	20	15	11	13	18	11	7	7	9	8	12	19	12	14	13	22	20	14	17	24	14
22		20	13	11	11	11	10	16	19	19	16	19	19	29	21	18	25	24	24	21	28	24	14	8	20	18
23		21	10	6	13	21	14	14	12	8	11	19	22	13	13	14	13	15	22	25	27	13	6	15	23	15
24		17	13	11	15	20	19	22	14	9	14	16	15	9	16	15	8	9	19	19	15	11	24	18	28	16
25		22	10	9	16	21	18	18	15	9	18	21	15	12	13	12	10	11	16	18	23	22	18	14	20	16
26		19	14	10	11	10	8	7	7	9	5	7	7	24	21	13	26	30	34	38	35	27	17	10	31	18
27		14	56	27	22	35	31	36	48	110	65	32	26	21	20	23	28	27	31	19	48	41	26	16	18	34
28		22	18	14	14	21	35	47	63	65	45	35	27	27	57	40	26	20	31	33	33	31	32	31	40	33
29		43	41	22	25	50	24	27	36	41	39	50	38	47	59	54	37	51	40	41	40	29	19	28	43	39
30		38	28	17	14	19	24	24	22	23	23	24	19	18	22	20	17	15	21	28	22	15	12	14	22	21
MEAN		21	18	15	18	20	18	19	21	25	22	21	19	19	20	20	21	19	22	22	22	20	18	17	22	20

ASY-H INDEX

NOV 2000

(PROVISIONAL)

nT

DAY	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
01		38	24	17	16	21	17	15	14	17	23	21	13	8	7	10	17	17	14	13	11	12	12	13	27	17
02 Q		16	11	17	21	24	25	25	31	33	29	24	20	13	11	16	19	16	14	13	14	13	17	17	15	19
03 Q		13	11	12	15	15	12	12	15	21	19	20	25	27	20	14	13	19	24	22	21	21	23	18	14	18
04		14	14	19	26	31	53	67	75	79	69	46	45	46	52	40	20	20	25	36	39	54	41	24	23	40
05		22	29	30	22	22	21	21	21	26	31	29	22	15	15	21	39	24	14	28	37	39	20	24	23	25
06		31	23	22	24	36	35	32	26	21	18	57	63	52	49	95	108	83	99	104	91	79	71	39	32	54
07		41	45	68	89	88	75	65	85	97	104	73	72	67	42	26	20	20	21	19	23	24	21	20	18	51
08		23	25	19	21	17	11	21	15	24	23	26	21	17	9	11	13	11	9	8	9	8	6	9	17	15
09		13	18	13	19	26	28	32	28	20	13	13	13	11	9	20	30	17	21	30	39	36	20	12	22	21
10		35	18	20	24	28	45	50	50	52	54	71	80	100	63	53	51	34	20	15	11	14	13	17	19	39
11		20	23	25	21	21	26	29	25	24	30	31	23	17	31	29	24	24	25	16	22	13	14	17	20	23
12		35	31	21	22	35	24	29	39	38	44	42	21	19	21	28	50	32	32	34	28	19	16	10	10	28
13		14	18	18	13	11	12	8	10	9	8	8	9	12	13	9	8	13	10	13	16	16	14	10	10	12
14 Q		10	10	10	13	13	16	9	8	6	11	16	14	13	11	10	9	7	9	11	12	9	5	7	4	10
15 Q		4	5	3	6	11	10	11	9	9	15	13	17	17	14	12	13	15	17	15	16	16	14	15	13	12
16		10	8	6	7	9	8	9	9	6	6	9	8	10	12	12	10	14	20	23	21	14	19	14	12	11
17 Q		9	8	8	10	17	21	26	27	23	21	14	9	7	6	6	4	6	10	12	11	15	19	18	15	13
18		15	16	11	6	12	15	22	30	27	24	20	20	17	13	11	11	12	12	14	14	24	28	28	24	18
19		21	18	16	13	14	16	18	14	17	17	15	24	23	18	15	14	16	10	7	11	12	13	14	19	16
20		23	27	17	10	19	24	25	39	53	54	57	54	42	37	38	34	37	37	31	22	16	16	18	19	31
21		24	32	26	20	19	27	31	30	36	45	45	40	26	20	14	19	14	12	19	39	30	23	23	25	27
22		29	26	20	17	15	17	29	41	42	44	38	34	36	31	34	31	34	40	29	22	15	11	13	20	28
23		21	14	10	14	22	23	19	17	17	24	38	34	34	31	29	22	14	17	18	16	15	17	18	16	20
24		16	12	8	13	19	22	13	10	12	11	14	10	10	13	10	7	8	12	17	22	33	43	51	36	18
25		32	17	18	20	22	23	22	22	18	9	6	9	9	8	8	7	11	15	22	17	16	18	20	17	16
26		21	20	16	14	13	15	18	21	29	31	29	26	37	28	25	27	21	17	19	36	61	33	33	50	27
27		54	114	64	49	45	34	39	51	75	55	69	83	63	22	23	36	47	53	26	31	32	22	22	30	47
28		30	29	31	34	39	51	55	67	62	65	58	51	38	67	79	51	35	28	32	34	62	59	53	55	48
29		63	70	51	57	82	74	108	116	79	62	59	60	109	120	87	75	73	46	32	34	31	23	24	26	65
30		21	19	17	15	19	18	26	28	23	19	19	19	19	14	15	24	22	20	15	17	22	24	21	18	20
MEAN		24	24	21	22	26	27	29	32	33	32	32														

DAY	ASY-D INDEX										DEC 2000										(PROVISIONAL)				nT	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		24
01		9	17	24	23	15	10	14	10	9	13	9	12	10	13	12	13	17	15	11	15	15	12	9	8	13
02 Q		11	15	22	16	13	17	20	15	10	8	8	8	7	10	10	10	6	5	8	14	17	12	11	10	12
03		10	12	10	7	7	16	24	37	29	19	13	22	28	15	22	27	12	12	19	16	15	11	12	18	17
04		14	8	8	9	9	16	22	26	32	22	14	14	19	16	10	8	10	10	10	12	18	13	17	16	15
05		10	8	8	8	11	13	18	21	16	11	12	9	9	9	5	6	11	20	30	40	35	19	9	9	14
06		10	9	11	11	9	10	16	17	16	15	11	8	9	10	10	5	22	14	11	21	24	19	15	29	14
07		28	25	16	16	15	17	6	12	17	26	21	11	11	15	8	4	6	17	30	35	33	24	21	23	18
08		29	20	22	16	15	14	20	20	22	22	19	10	11	16	34	32	14	8	15	22	20	19	13	20	19
09		25	20	16	19	19	14	14	23	26	28	22	20	15	12	11	16	11	15	17	28	33	31	31	32	21
10		24	18	14	19	18	18	13	12	15	15	10	10	13	8	6	5	8	12	9	14	13	11	13	23	13
11		24	17	15	11	13	13	12	17	21	16	11	9	10	6	7	9	10	8	3	9	16	18	14	9	12
12		11	9	12	14	14	9	7	13	25	28	23	17	12	6	5	8	12	14	8	10	18	21	19	14	14
13		17	23	19	10	12	13	12	13	26	29	20	11	11	9	9	9	10	19	15	14	14	9	10	11	14
14		12	18	19	17	11	8	12	19	24	22	27	26	22	15	8	6	7	8	11	9	5	11	8	21	14
15 Q		27	30	25	13	7	13	17	11	7	13	19	21	22	18	12	7	6	8	9	7	10	13	21	15	15
16		5	13	20	24	31	36	28	14	9	18	27	31	30	26	19	13	6	9	11	10	11	12	9	15	18
17		15	14	14	13	15	10	8	6	6	9	16	24	27	34	39	32	25	21	30	14	12	15	19	19	18
18		17	11	25	34	28	25	25	21	24	21	26	25	22	17	16	16	17	27	16	19	26	22	13	17	21
19		24	24	26	23	17	15	16	17	18	20	13	11	9	11	11	11	12	17	22	14	17	19	17	6	16
20 Q		7	12	15	17	19	20	19	21	21	15	12	6	10	13	13	11	8	13	29	36	33	20	15	9	16
21		5	7	6	8	20	22	12	8	9	11	6	5	8	9	14	15	6	8	5	9	12	17	22	21	11
22		15	11	11	14	14	16	15	14	14	10	6	6	7	7	9	12	17	26	22	22	20	19	39	38	16
23		33	15	29	26	27	27	25	27	30	29	29	24	23	21	21	23	20	25	36	34	34	27	26	36	27
24		36	25	18	12	11	11	19	30	24	9	8	9	9	9	8	15	13	14	18	21	14	8	20	30	16
25		33	20	13	21	29	26	18	8	5	11	11	8	12	16	20	29	10	11	19	30	28	15	19	27	18
26		23	14	17	18	15	13	9	10	20	21	21	18	11	9	8	9	8	8	10	12	15	13	20	21	14
27		13	8	11	25	28	27	26	16	14	14	13	10	9	18	24	16	21	29	31	30	17	8	8	10	18
28		13	10	9	13	11	9	13	17	11	14	14	8	8	10	11	10	9	7	9	7	8	5	8	8	10
29		11	16	9	10	17	19	25	25	23	15	16	16	13	11	7	7	5	12	14	14	5	10	14	12	14
30 Q		12	9	11	14	10	8	11	12	10	18	18	17	10	9	12	10	6	8	13	13	12	8	7	7	11
31 Q		6	5	10	14	17	13	10	13	14	16	10	9	9	11	7	8	8	4	8	10	9	9	12	12	10
MEAN		17	15	16	16	16	16	16	17	18	17	16	14	14	13	13	13	11	14	16	18	18	15	16	18	16

DAY	ASY-H INDEX										DEC 2000										(PROVISIONAL)				nT	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		24
01		26	22	15	10	16	13	11	9	15	19	17	15	13	22	16	20	25	25	25	21	21	24	21	20	18
02 Q		18	15	12	8	5	4	5	4	6	10	12	12	10	11	12	19	27	29	19	14	10	11	9	4	12
03		4	6	10	13	16	19	17	13	10	20	23	26	26	27	33	45	38	36	39	27	25	19	14	14	22
04		17	16	17	19	21	20	18	11	26	21	15	17	25	21	17	10	13	17	20	16	19	23	16	21	18
05		15	14	13	15	12	12	18	18	17	12	5	5	8	12	13	13	16	19	23	26	23	21	18	15	15
06		21	21	21	23	21	15	14	14	12	15	22	27	23	21	24	31	38	32	17	18	22	16	14	19	21
07		29	37	36	36	48	38	30	21	26	18	13	29	24	20	28	27	26	30	37	32	30	22	32	19	29
08		31	30	46	39	31	33	28	21	16	21	15	19	23	47	73	81	64	45	31	25	20	18	9	16	33
09		19	24	20	21	18	22	33	37	44	49	43	28	19	27	26	22	22	28	21	25	22	46	30	23	28
10		24	21	21	32	18	20	18	20	21	26	18	17	20	17	16	19	25	28	27	25	21	14	15	14	21
11		17	14	12	14	16	20	21	25	28	19	14	14	10	16	20	11	10	22	29	32	30	28	29	28	20
12		30	28	30	25	14	11	15	23	25	27	27	28	20	15	20	14	20	20	23	23	22	19	19	22	21
13		24	26	24	21	17	13	16	19	24	24	21	17	13	7	11	8	7	16	24	32	36	36	34	27	21
14		24	20	15	17	21	27	29	35	34	24	17	17	15	11	12	10	12	25	29	21	20	18	17	21	20
15 Q		22	17	17	18	18	14	14	15	21	25	25	23	17	11	16	16	10	16	10	6	9	14	12	13	16
16		17	20	27	33	30	22	24	31	31	23	16	13	10	9	12	10	18	25	25	17	17	13	11	15	20
17		25	30	29	32	31	32	31	28	21	16	30	41	40	23	44	45	37	38	40	26	29	22	17	22	30
18		24	24	25	31	36	35	29	22	23	23	40	29	24	21	27	24	29	20	13	21	26	16	13	9	24
19		15	13	7	11	16	13	12	20	35	38	36	32	27	27	29	23	20	26	28	15	9	9	19	18	21
20 Q		12	12	9	11	18	22	25	24	19	16	13	13	20	19	25	25	23	23	19	16	24	33	38	31	20
21		20	17	13	10	11	27	33	37	36	33	21	16	16	18	24	30	21	24	29	29	27	32	30	20	24
22		18	18	16	23	24	24	22	16	12	9	9	11	13	14	11	9	17	16	21	30	35	42	43	38	20
23		36	27	45	51	58	38	36	40	52	53	55	58	69	63	58	51	47	54	63	49	35	30	25	33	47
24		36	35	35	33	34	31	27	22	12	5	7	9	9	13	20	19	19	23	23	20	25	28	30	33	23
25		37	34	30	26	23	27	20	17	12	10	15	15	11	17	36	56	32	22	20	18	20	26	29	26	24
26		26	29	34	34	29	23	17	14	10	20	36	24	10	8	11	9	19	22	24	19	16	14	11	15	20
27		15	12	14	20	25	21	16	19	15	14	15	18	10	16	28	42	40	53	45	38	22	9	15	13	22
28		15	17	23	21	18	20	14	16	24	23	20	13	13	18	14	18	17	13	8	10	7	4	5	7	15
29		14	19	17	15	17	21	25	24	25	20	16	14	10	4	7	14	13	16	20	21	23	30	28	24	18
30 Q		23	22	17	15	13	16	23	26	27	25	26	14	18	23	30	20	5	5	7	13	18	20	18	14	18
31 Q		12	12	15	19	17	15	11	13	17	21	13	10	9	10	10	10	7	9	12	1					

