

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

(PROVISIONAL)

No.16

2005

January 2006

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

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

(PROVISIONAL)

No.16

2005

January 2006

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

Mid-latitude Geomagnetic Indices "ASY" and "SYM" for 2005 (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. Urumqi, 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
Urumqi	WMQ	43.8	87.7	33.7	162.0	36.5	7.66
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

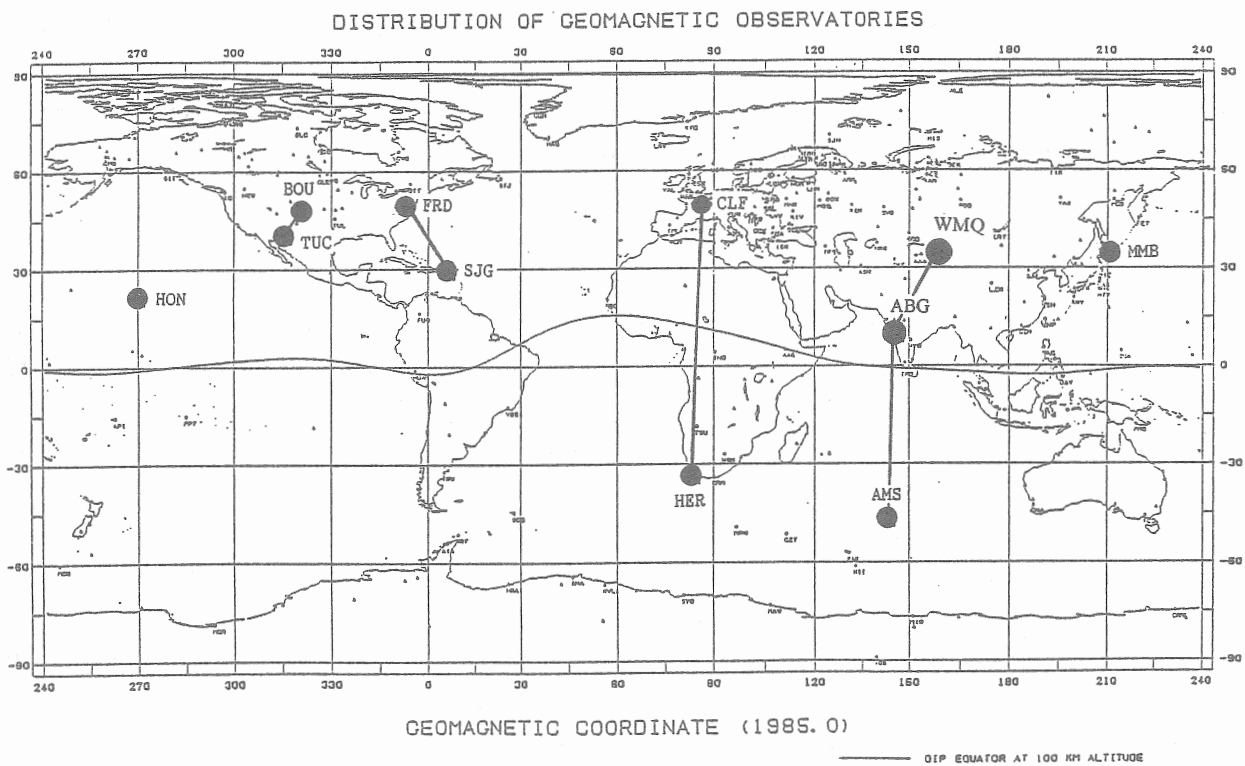


Figure 1. Data are obtained at the observatories shown by the solid circles. The stations replaced with each other are connected by solid lines.

Note: In this issues, the data observed at HON, TUC, BOU, SJG 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

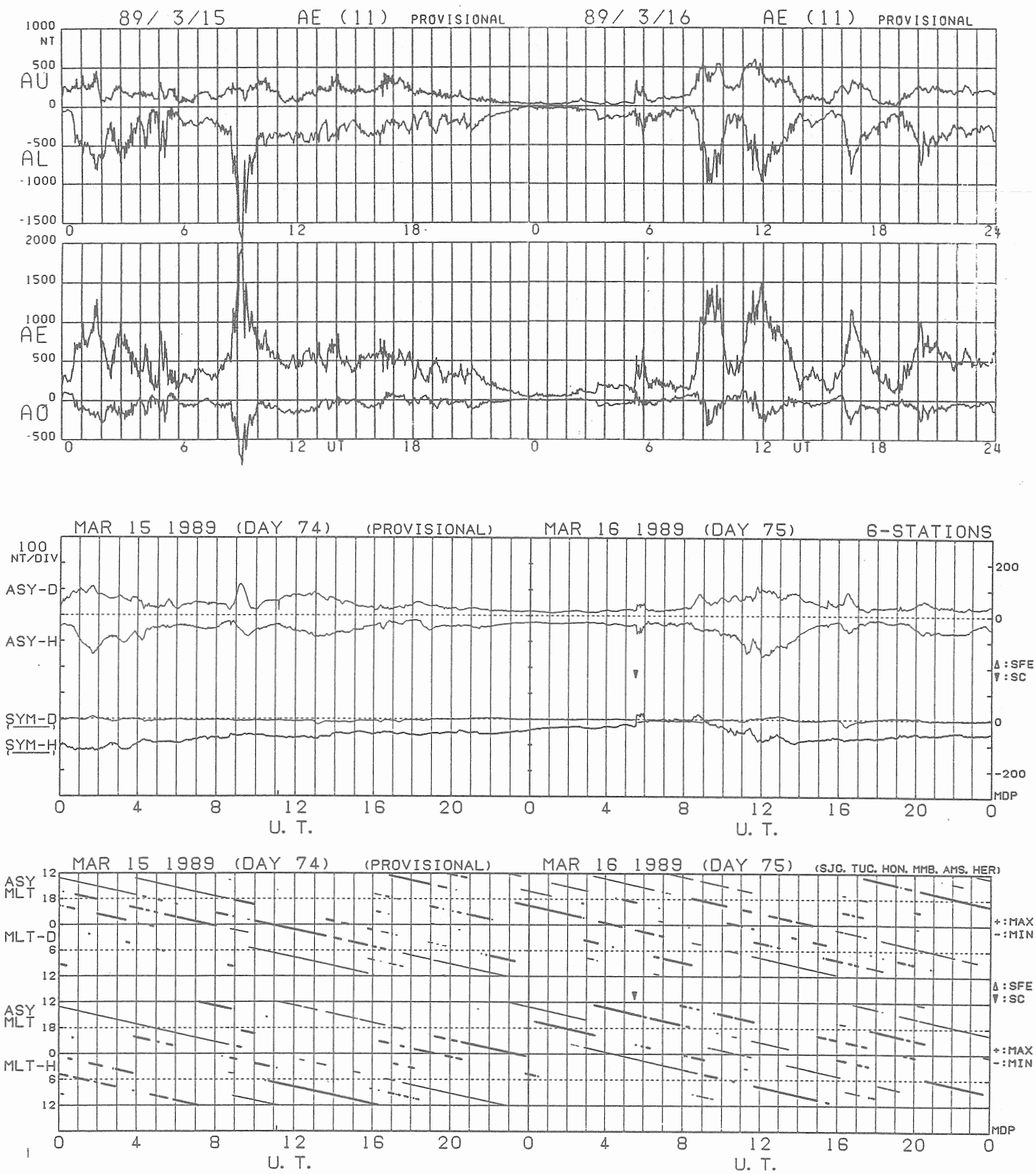


Figure 2a. An example of a comparison between the AE indices and the ASY and SYM indices of rather disturbed period. An SSC is indicated by a solid triangle. The magnetic local time at the station which gives the maximum or the minimum asymmetric deviation from symmetric disturbance is shown by a symbol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

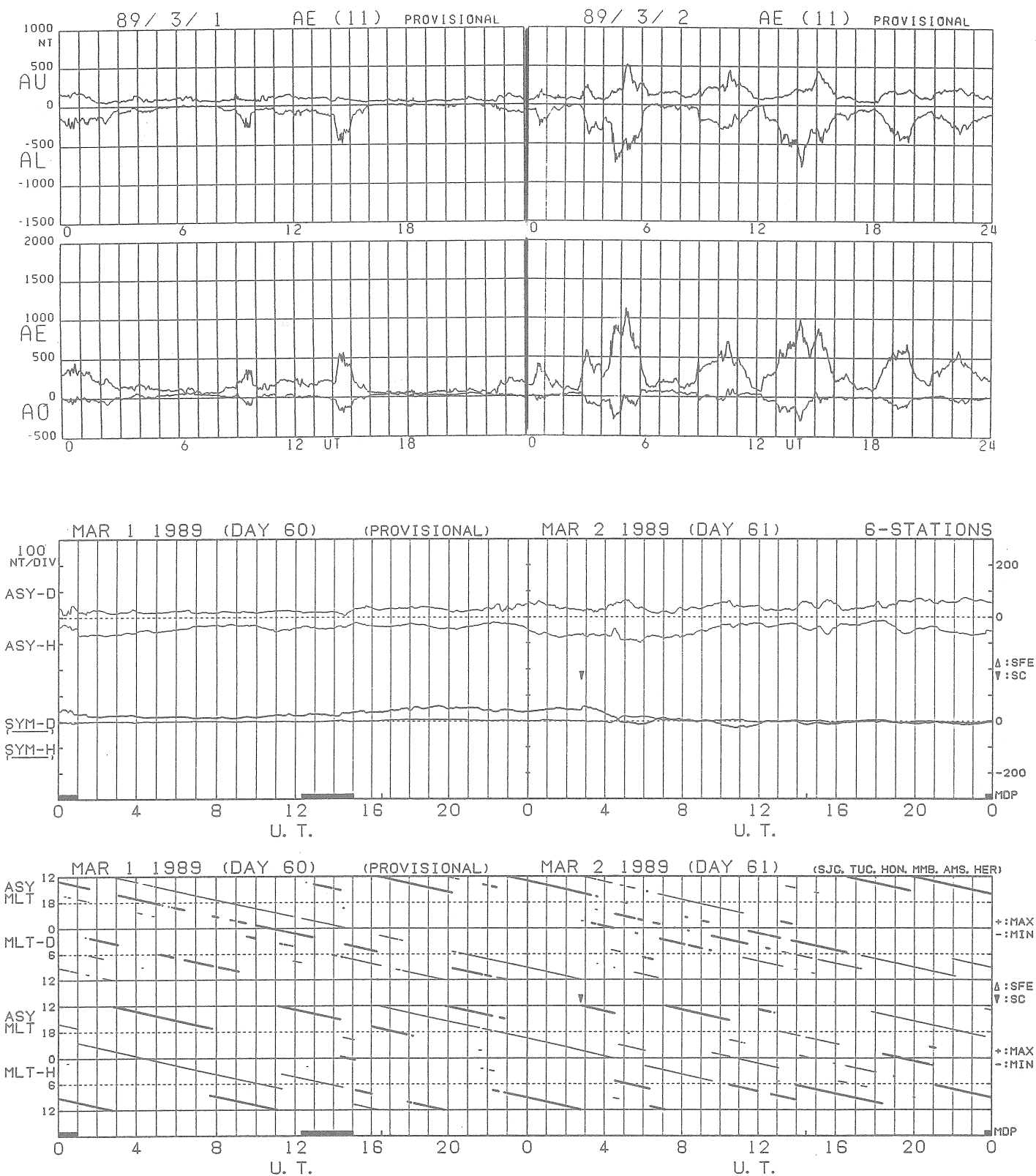


Figure 2b. An example of a comparison between the AE indices and the ASY and SYM indices of moderately disturbed period. The missing data periods are shown by the dark bars at the bottom of the panel. The height of the bars is proportional to the number of stations (1 station in this case) with missing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

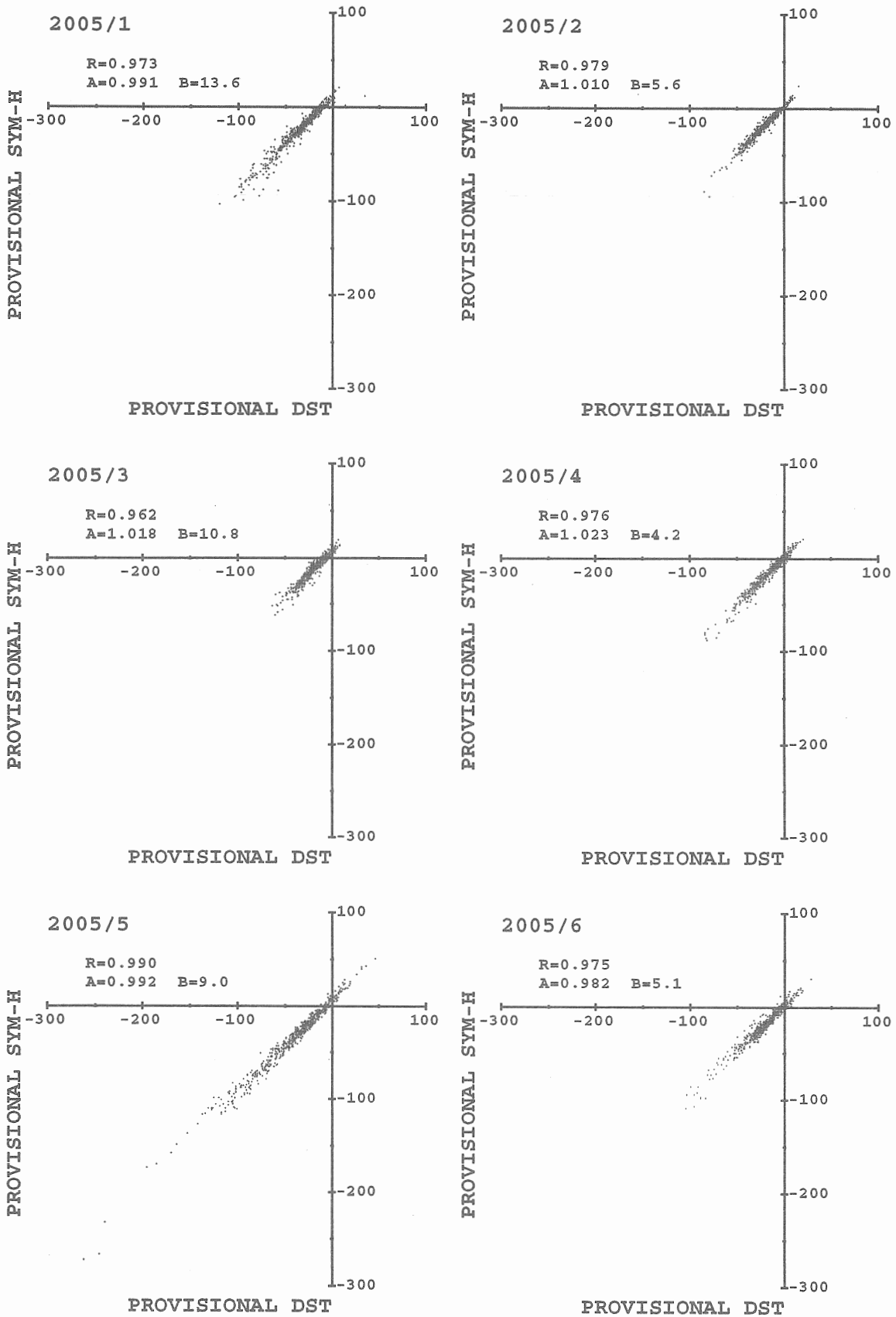


Figure 3a. Correlation plots between the hourly averaged SYM-H and the provisional Dst for January-June, 2005. The correlation coefficients R, the parameters of the regression line A and B (i.e. $\text{SYM-H} = A \cdot \text{Dst} + B$) are shown on each panel.

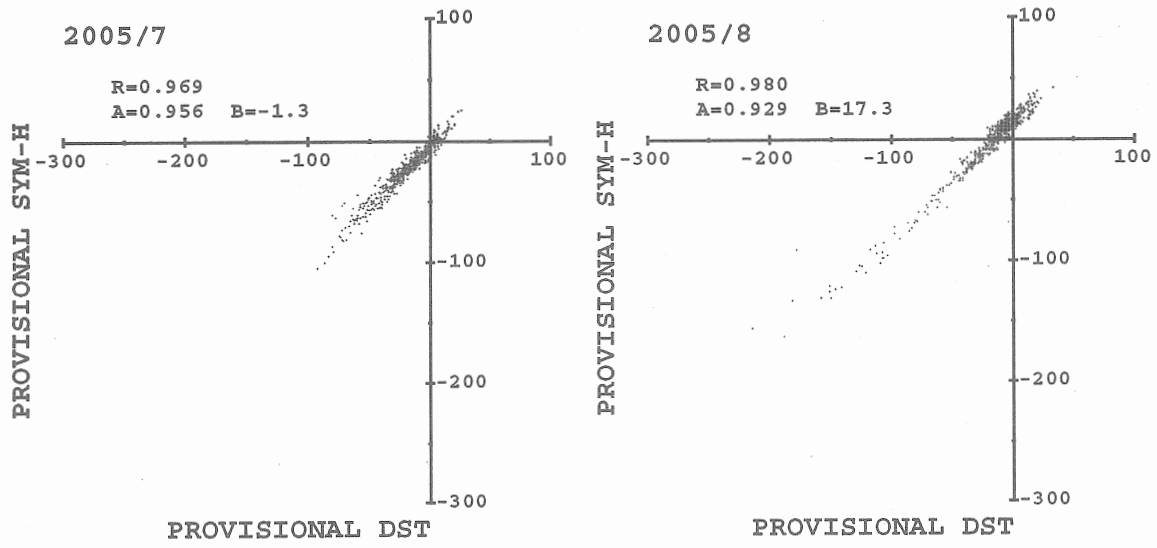


Figure 3b. Correlation plots for July-August, 2005. (Provisional Dst for September -December has not yet been available at the time of this publication.)

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.gz (for example, 050823-24.ps.gz for August 23-24, 2005).

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://swdcwww.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), the Indian Institute of Geomagnetism (ABG), the Geophysical Institute, China Seismological Bureau (WMQ).

The compilation of the geomagnetic data and publication of this data book have been supported in part by grant 17403008 and 178061 under the Japan Society for Promotion of science (JSPS).

T. Iyemori, T. Kamei, M. Takeda and M. Nose
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://swdcwww.kugi.kyoto-u.ac.jp/>

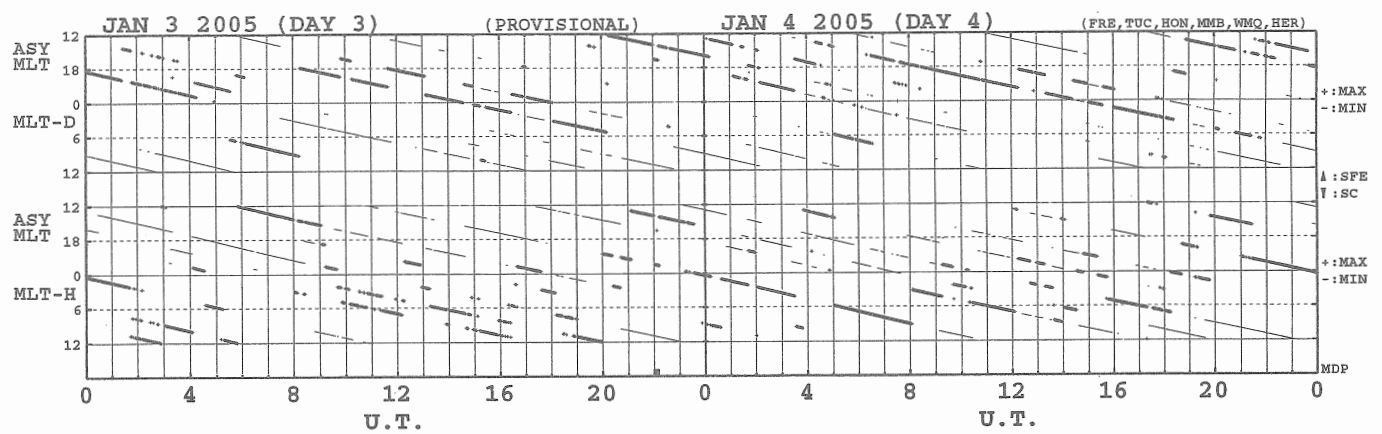
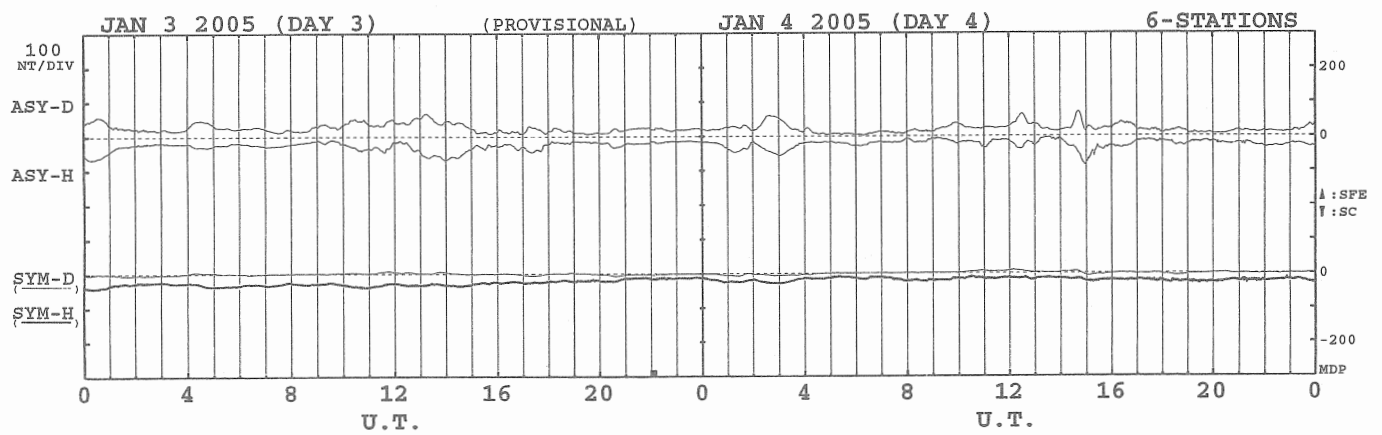
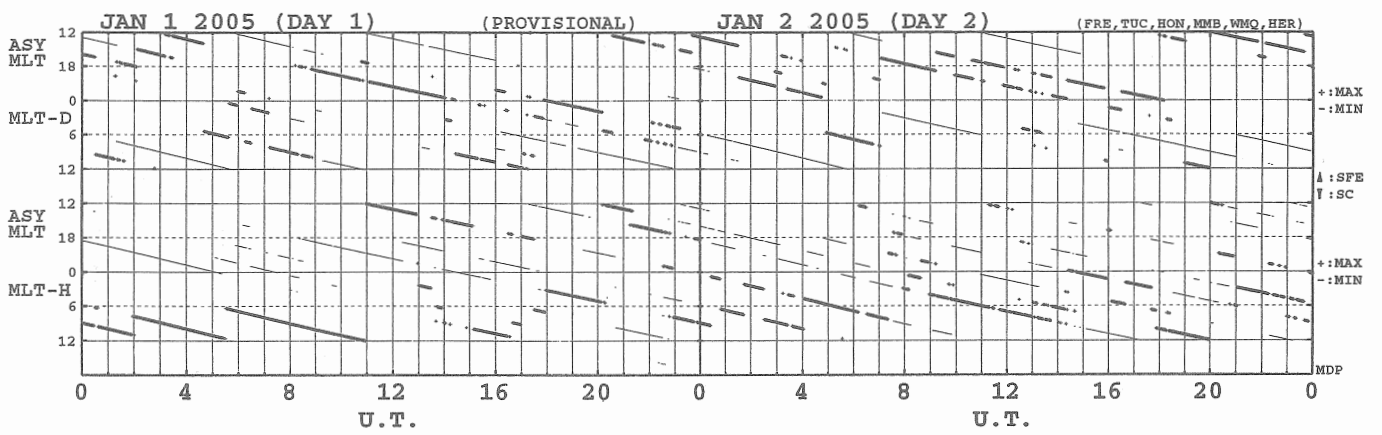
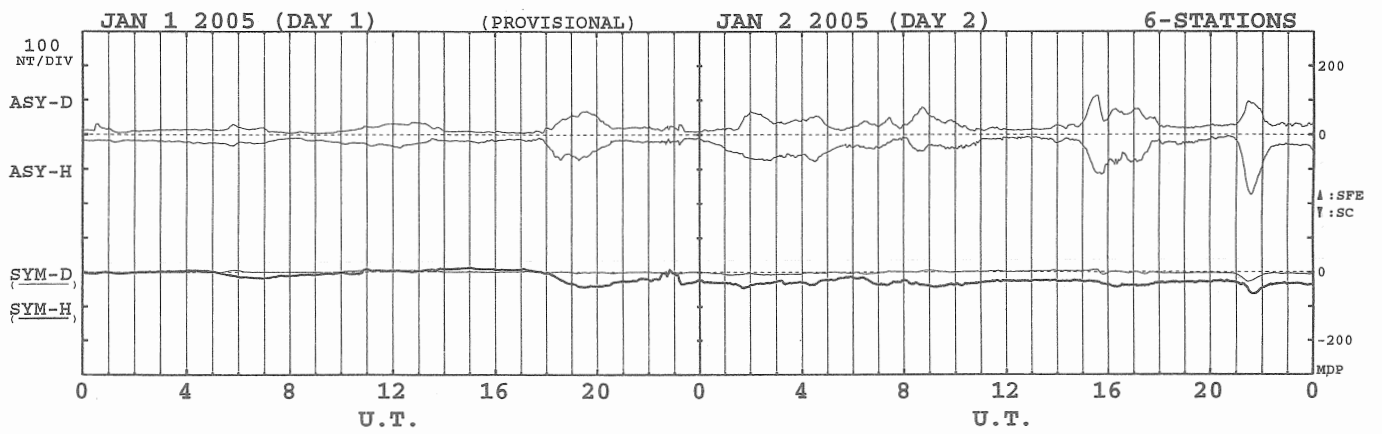
(January 2006)

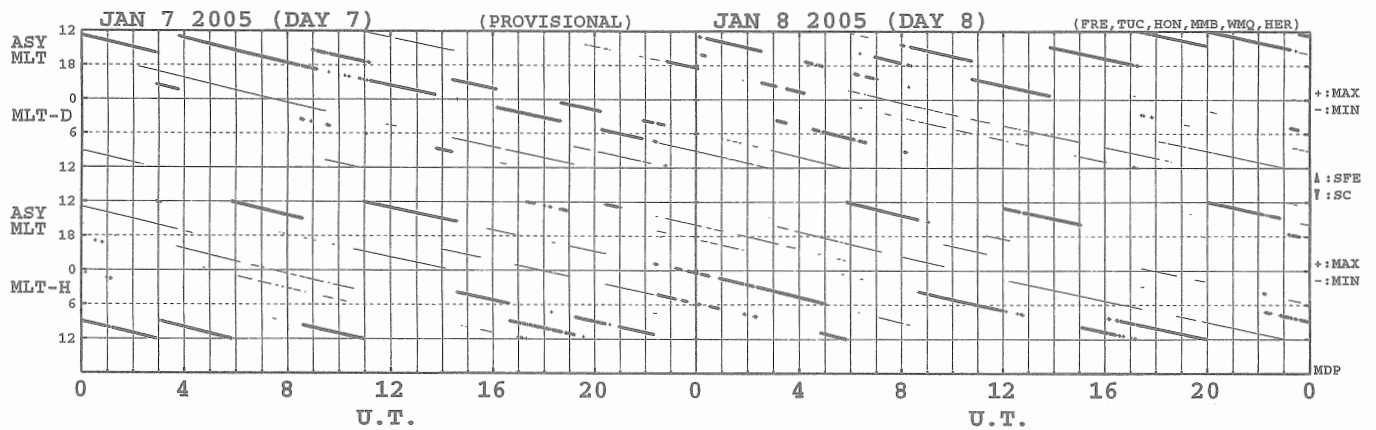
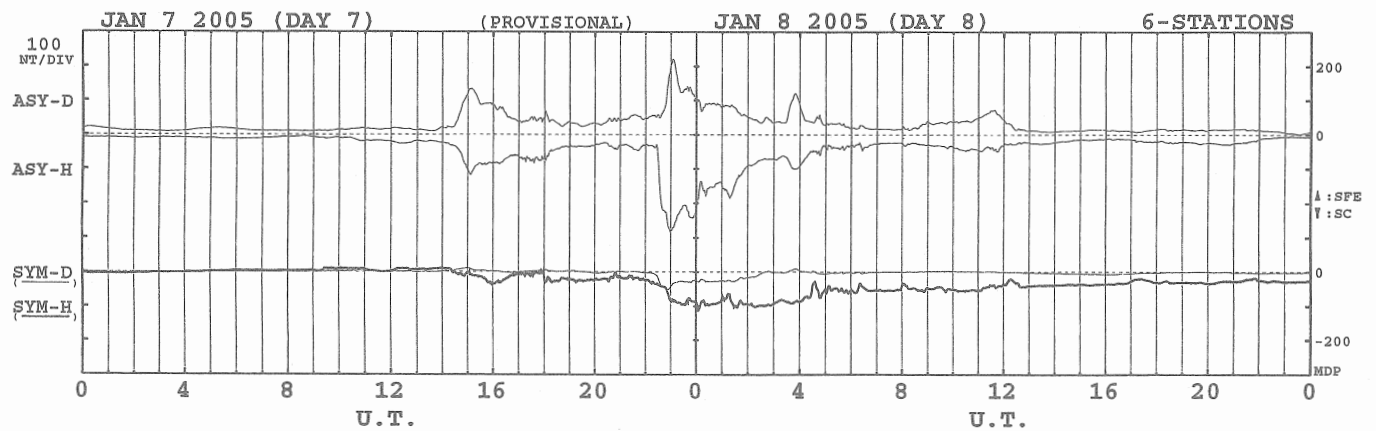
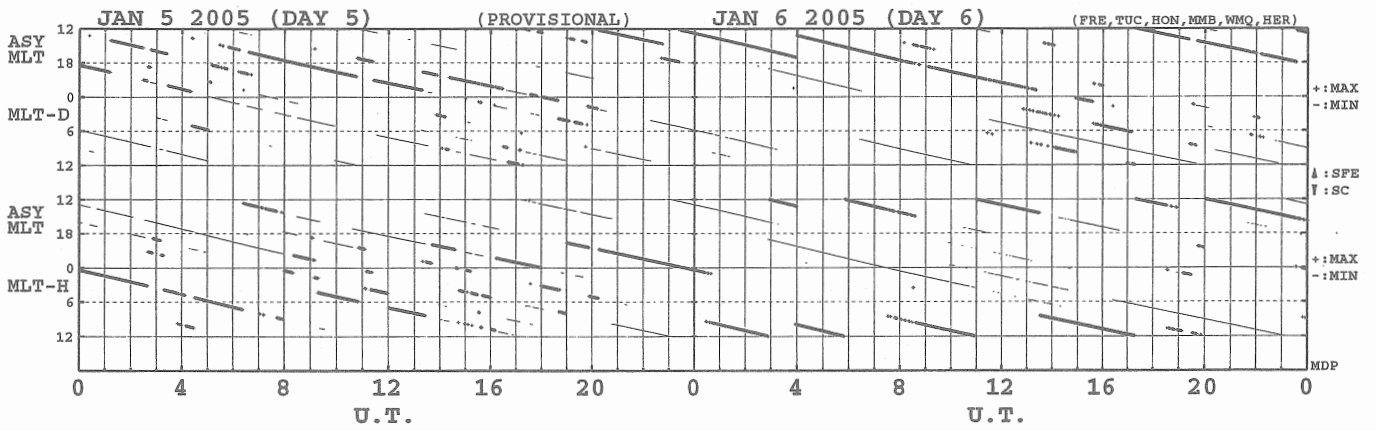
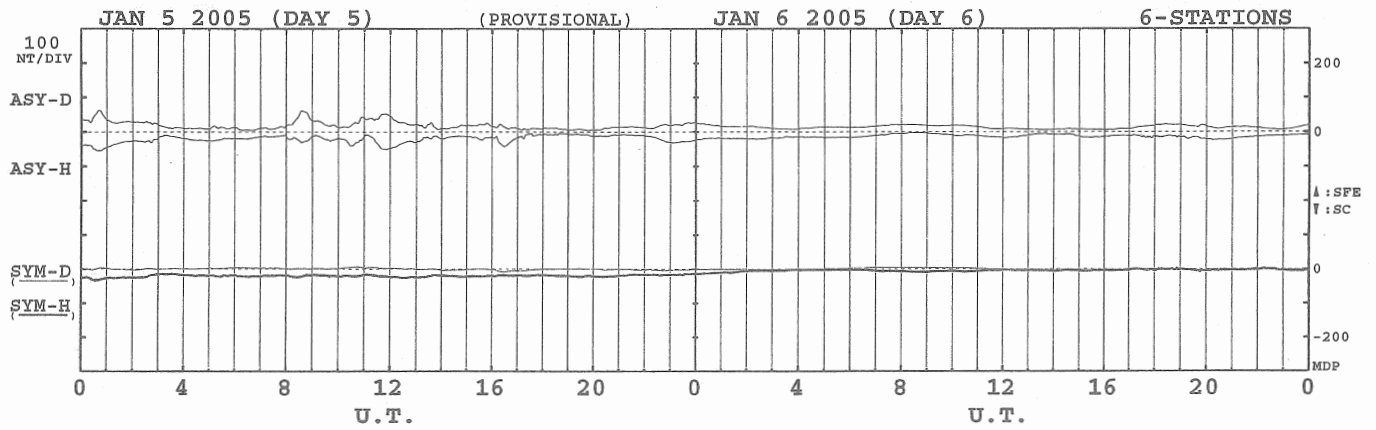
References

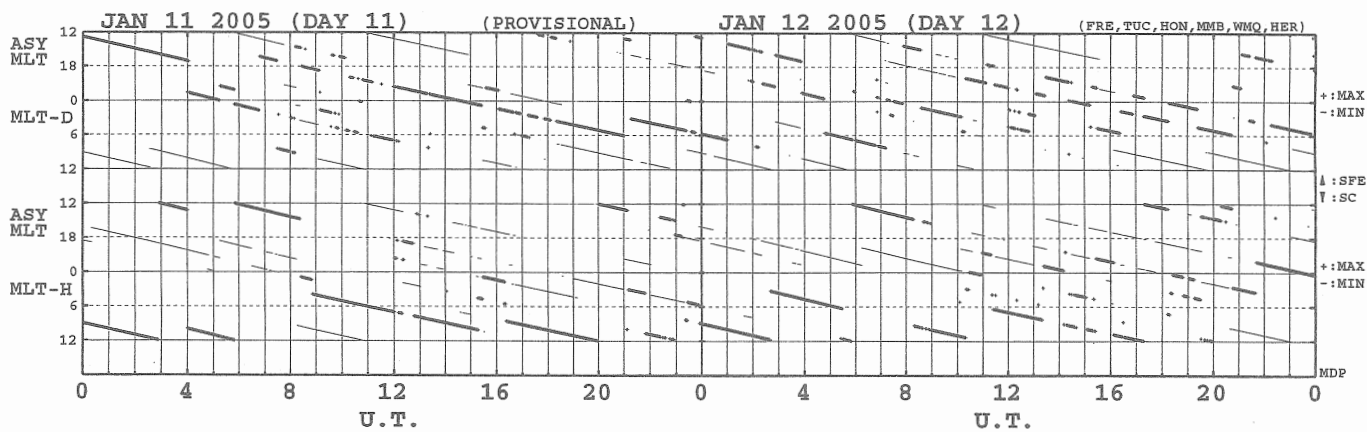
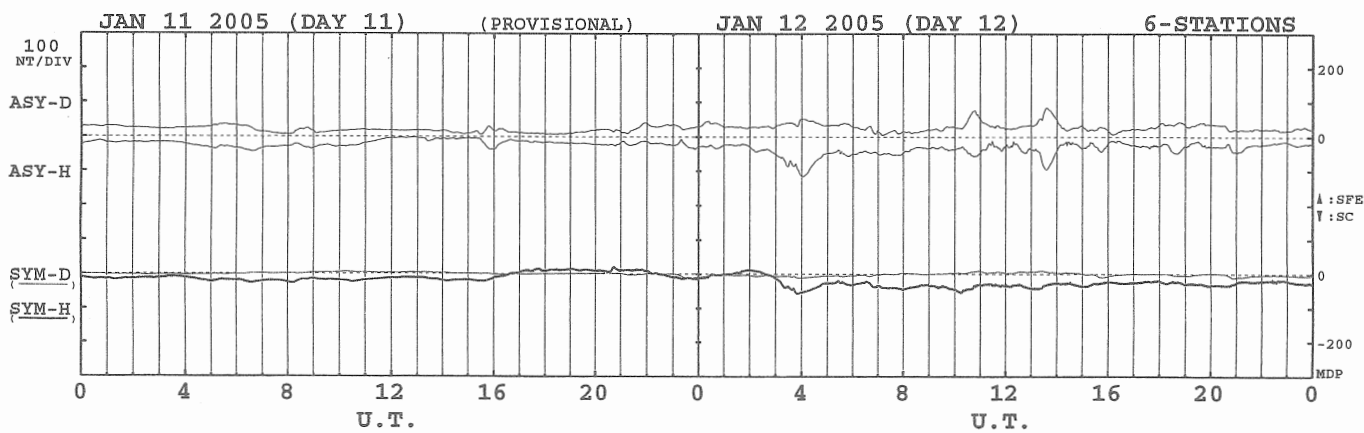
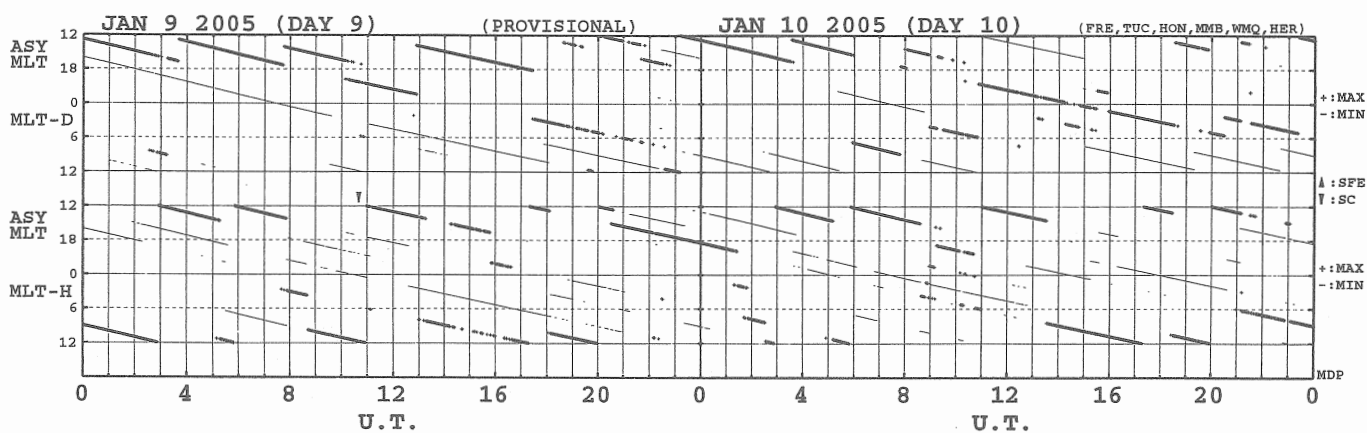
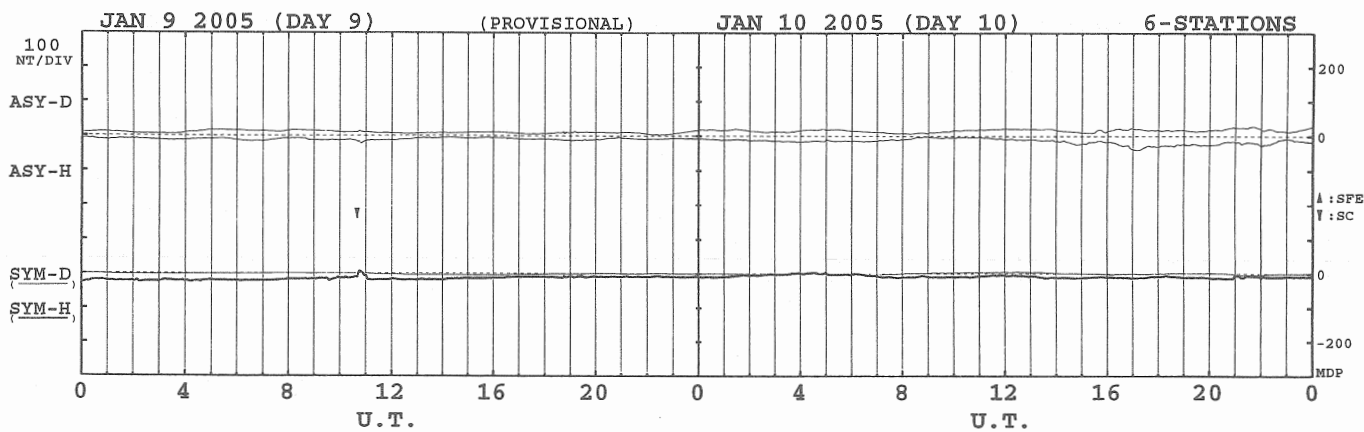
- Clauer, C.R. and R.L. McPherron, The relative importance of the interplanetary electric field and magnetospheric substorms on the partial ring current development, *J. Geophys. Res.*, 85, 6747-6759, 1980.
- Clauer, C.R., McPherron, R.L. and C. Searls, Solar wind control of the low-latitude asymmetric 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.

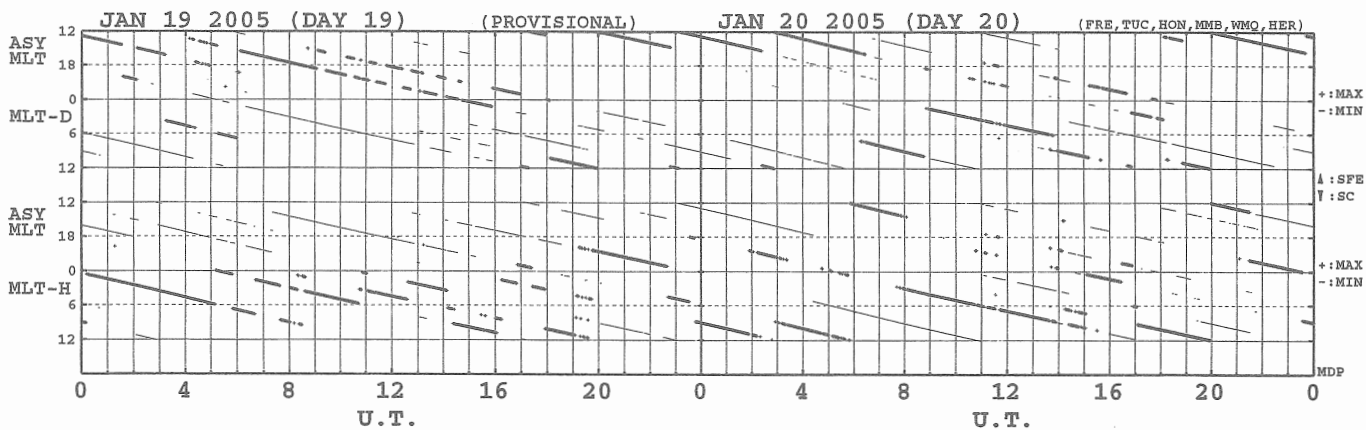
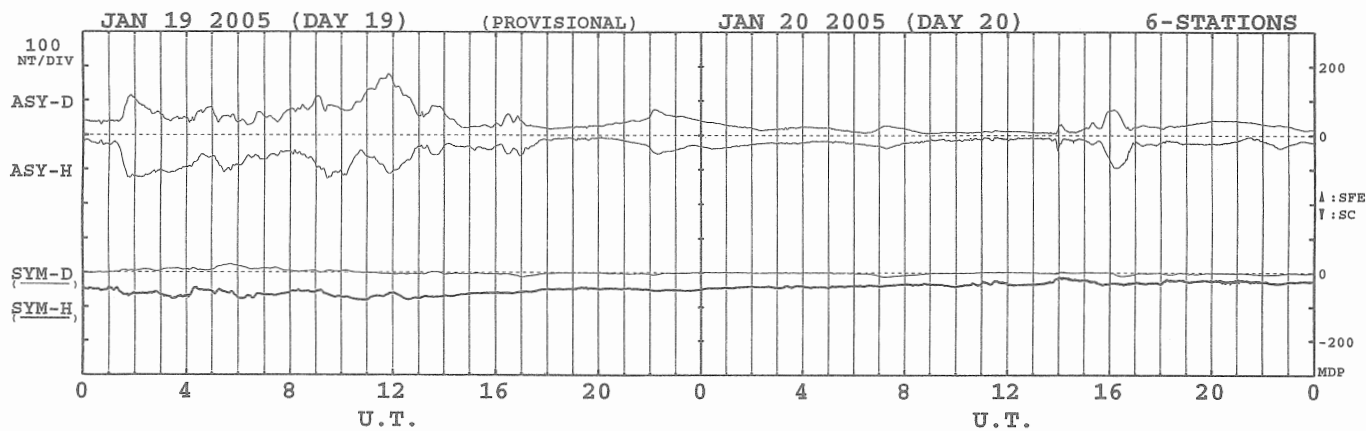
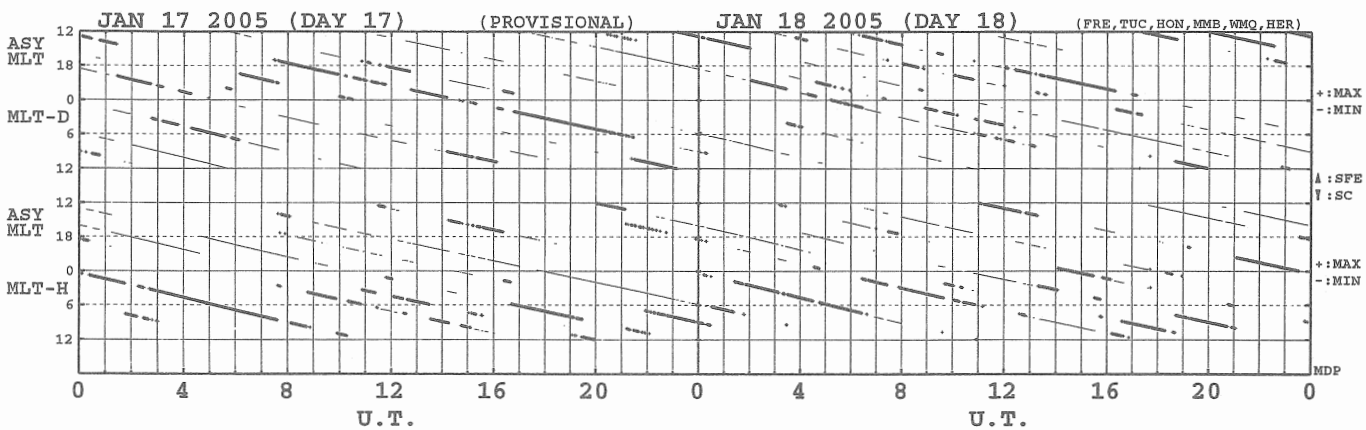
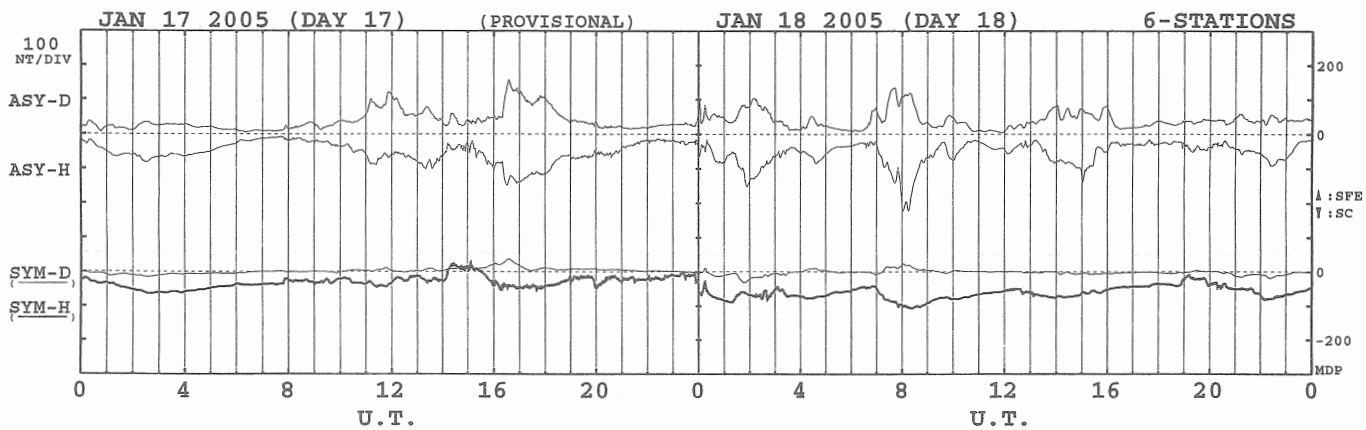
ASY and SYM Indices

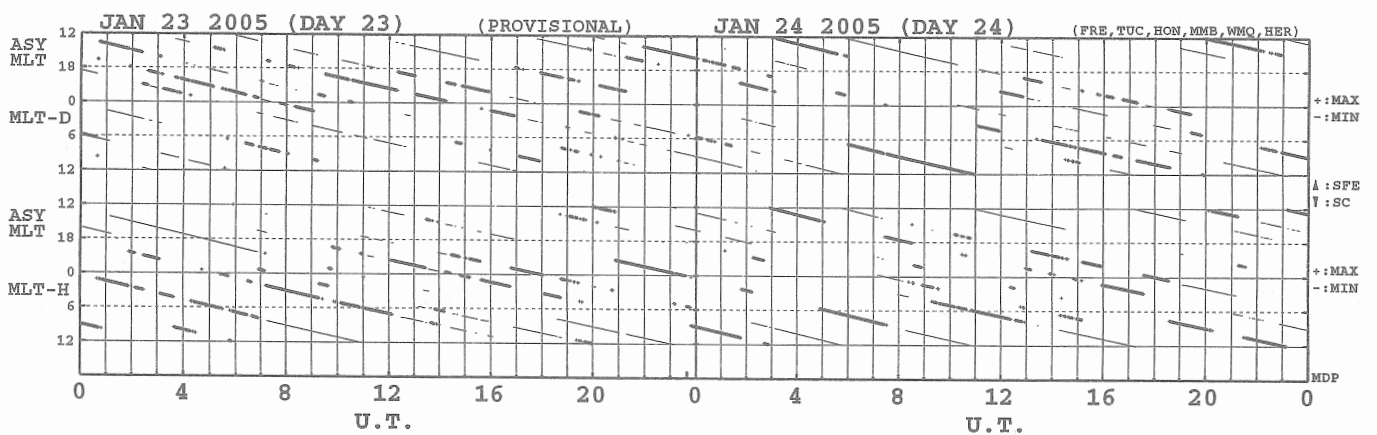
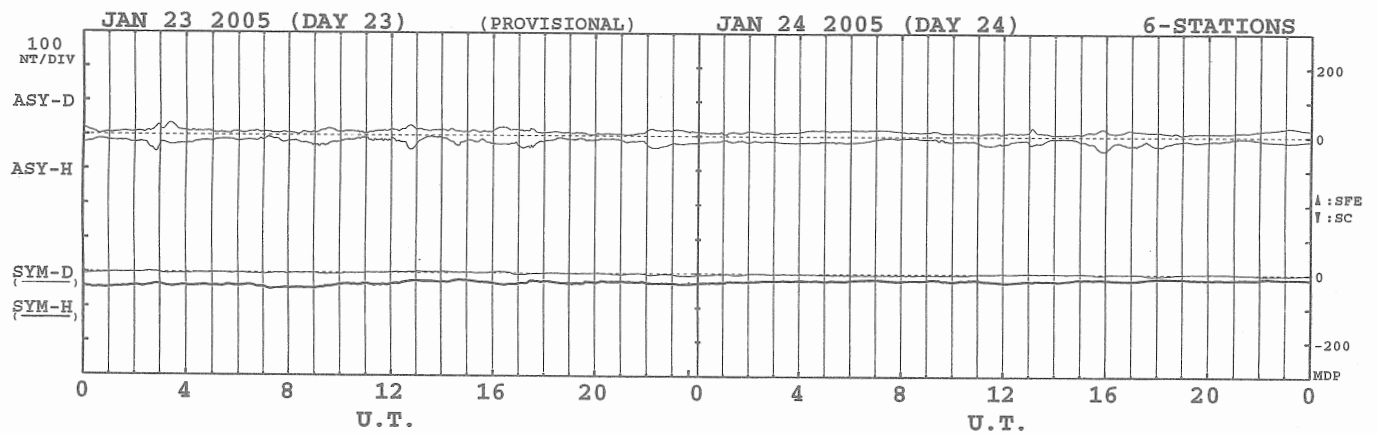
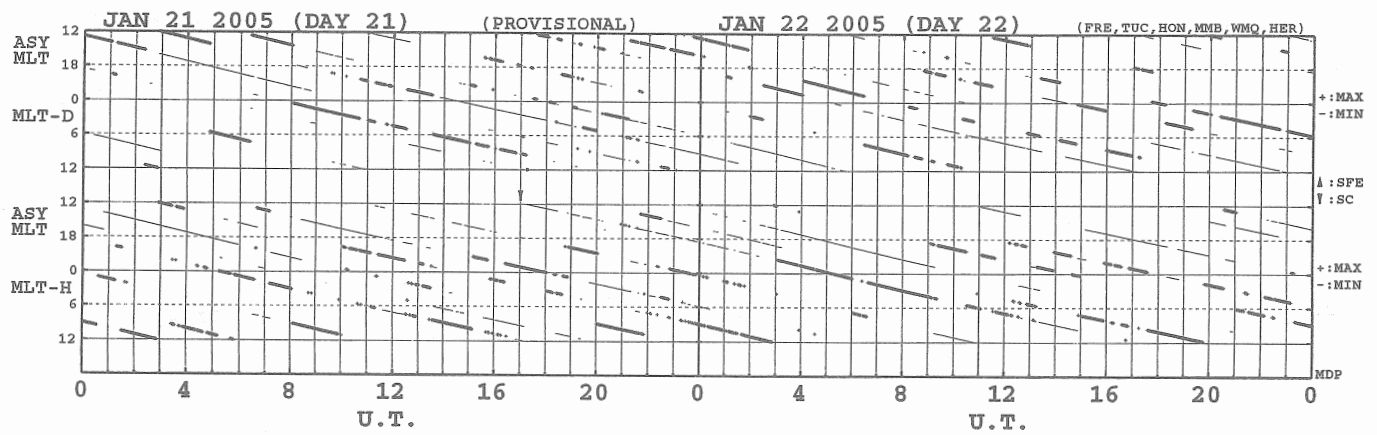
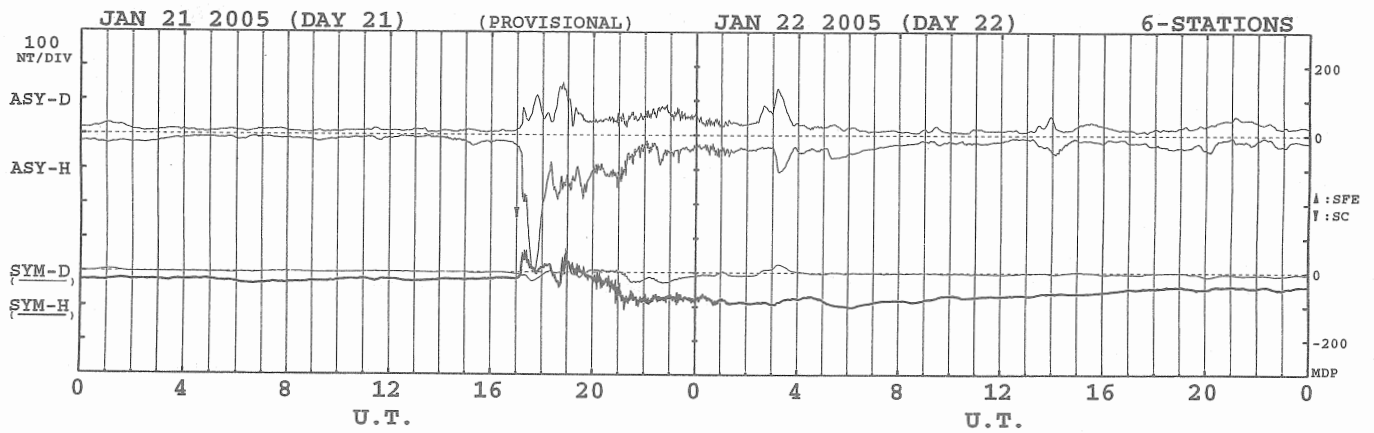
**Plots and Tables
for
January - December, 2005**

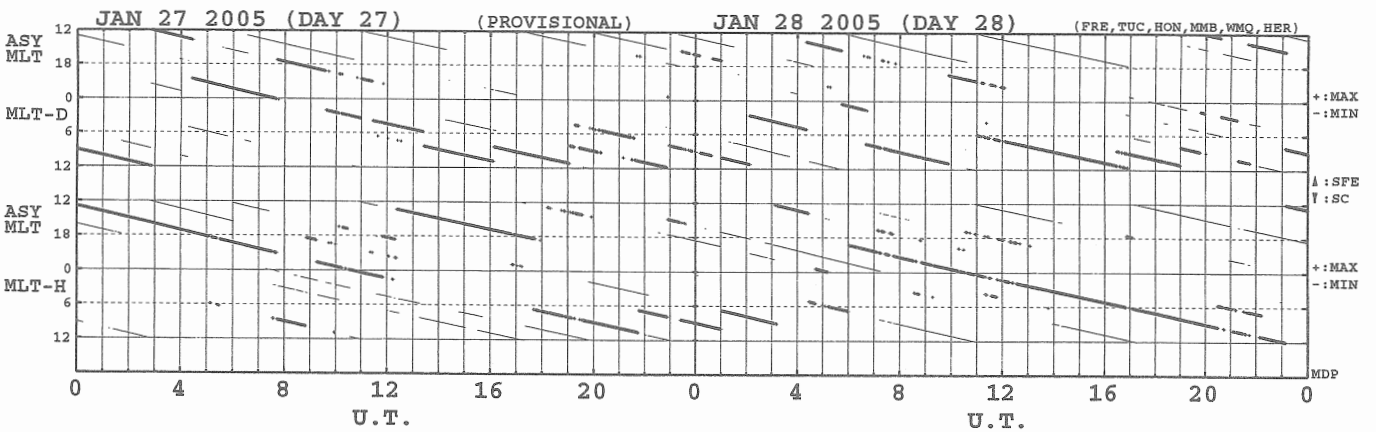
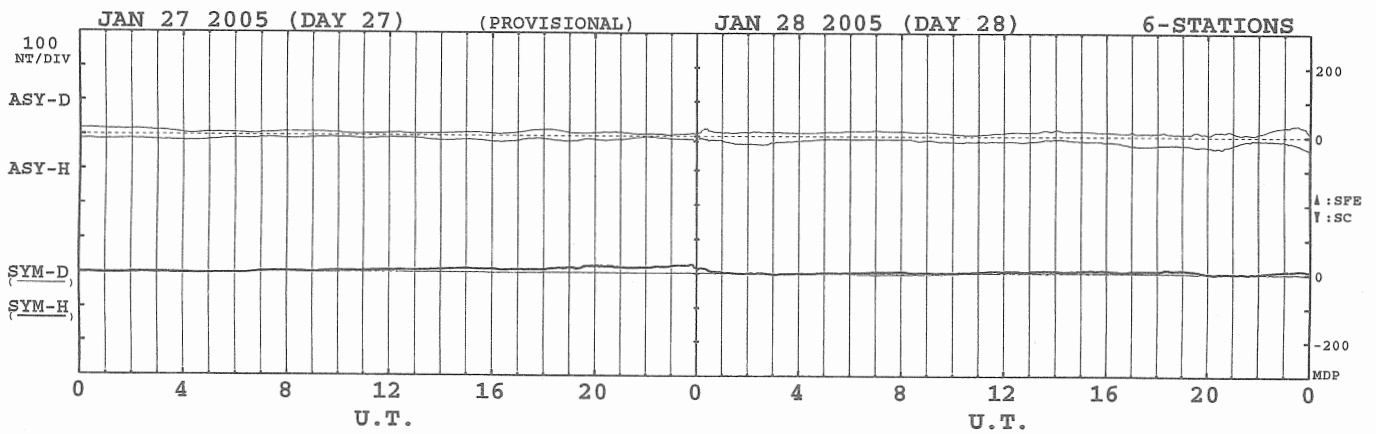
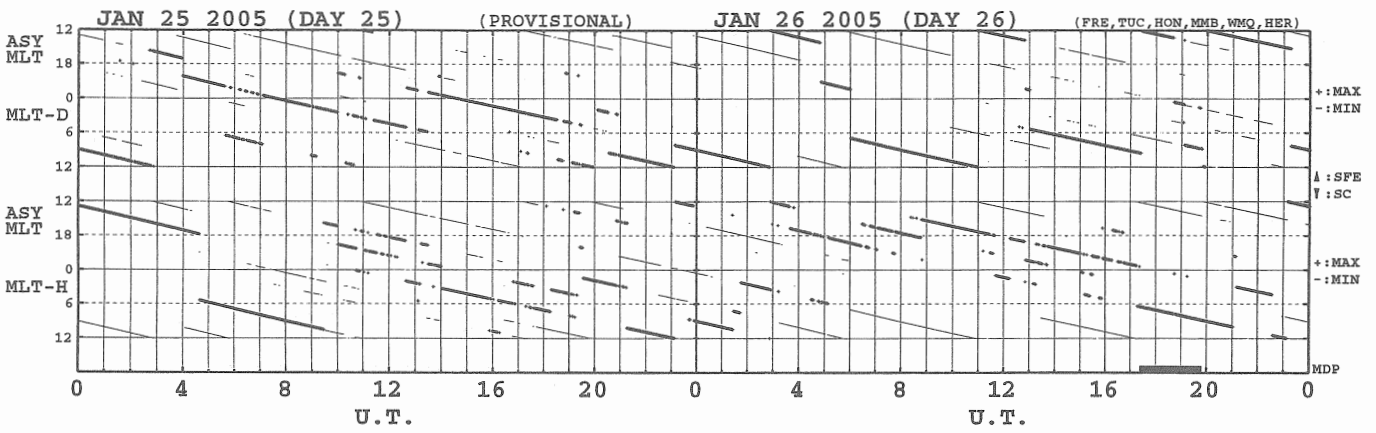
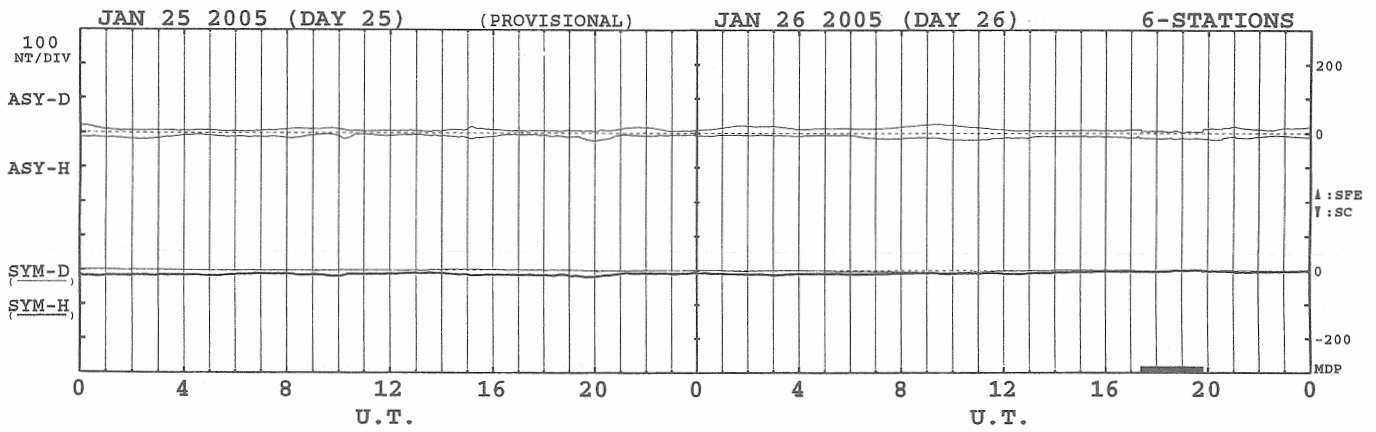


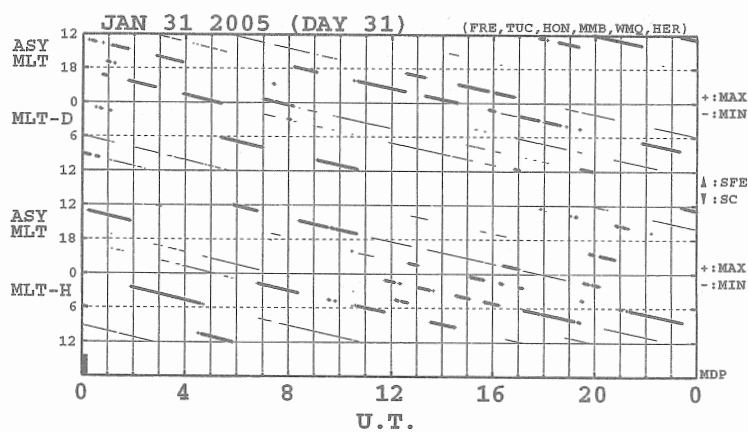
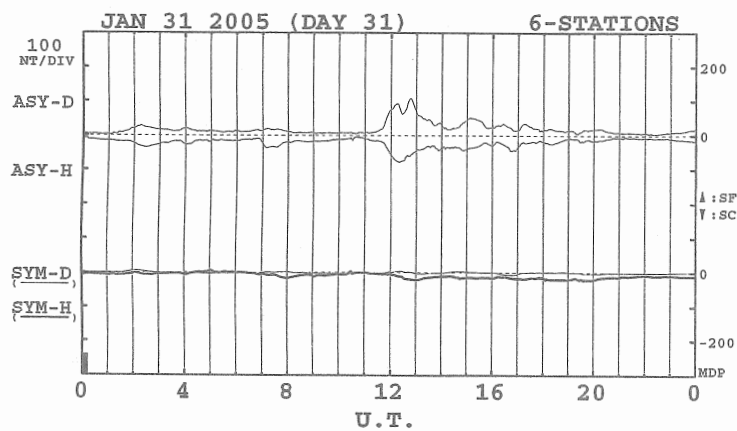
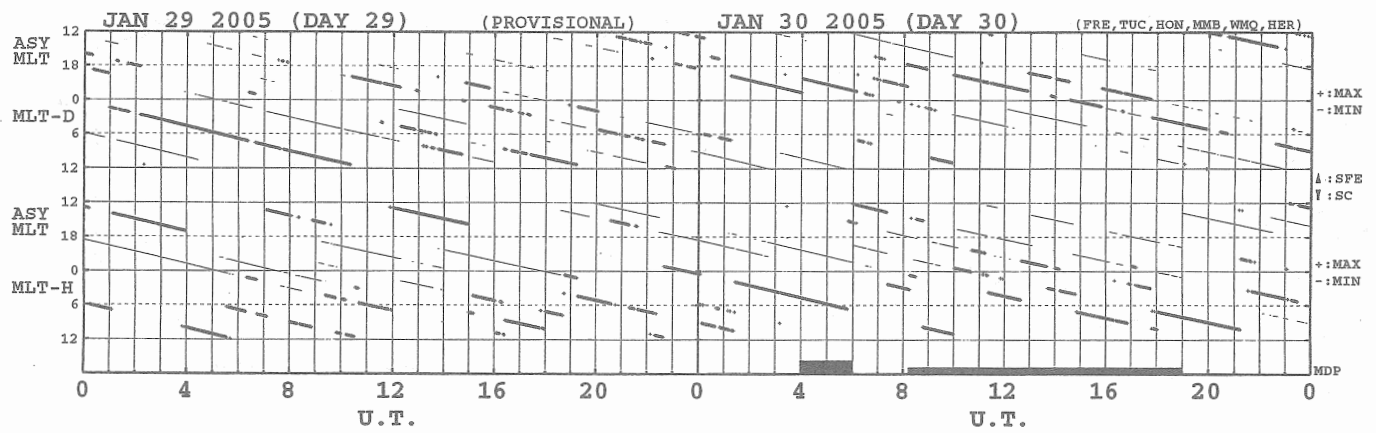
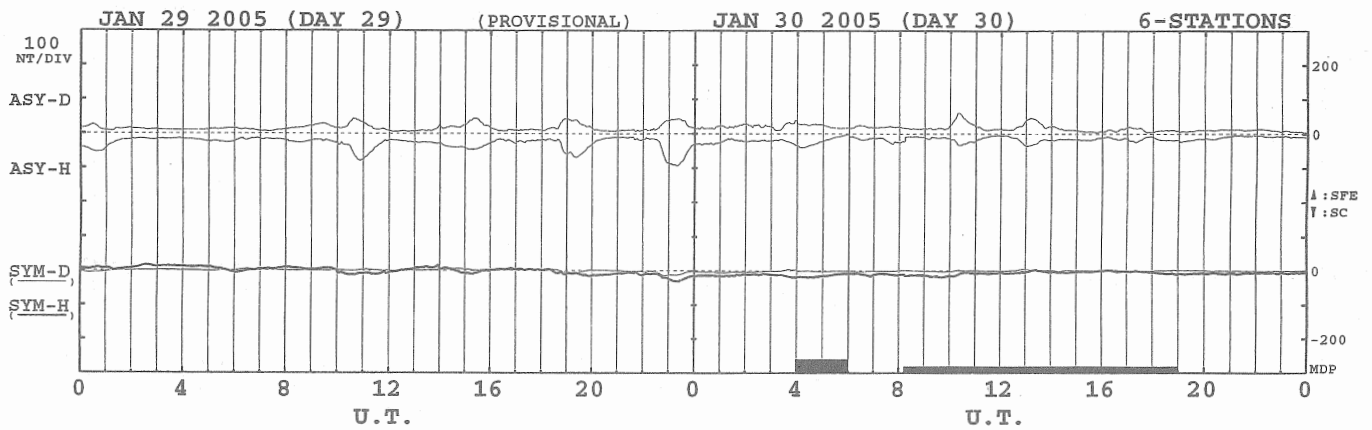


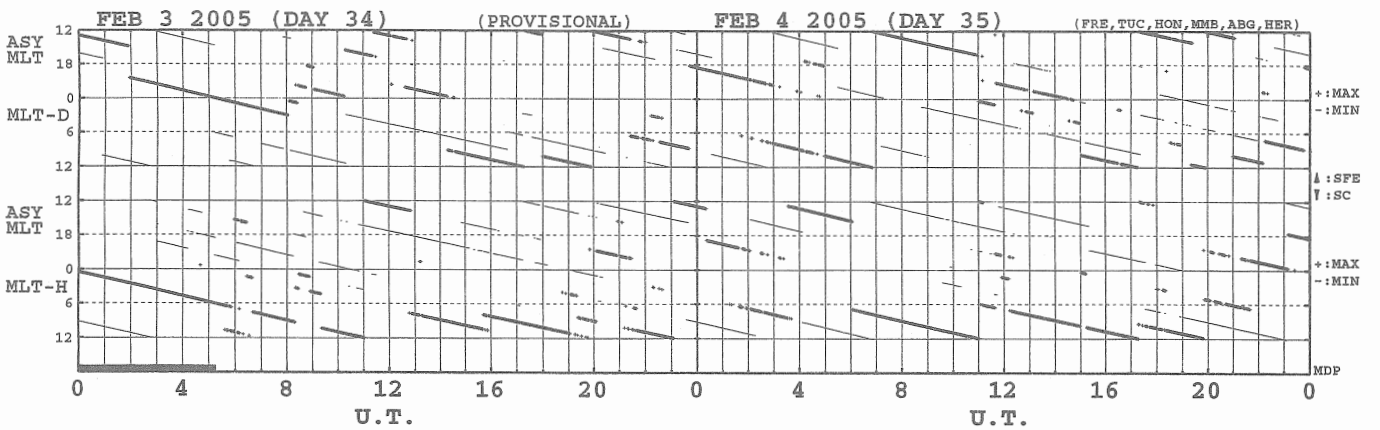
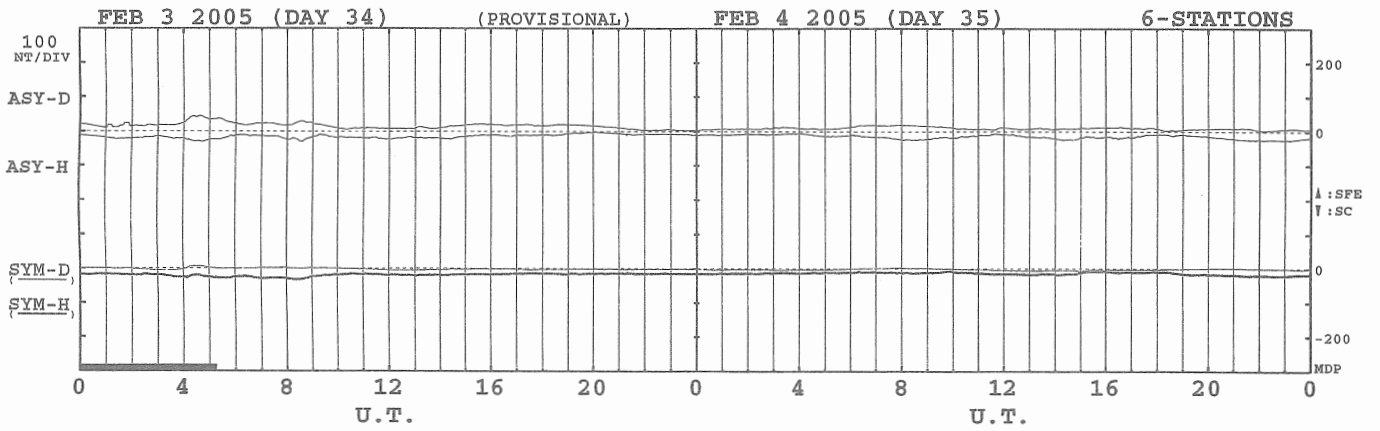
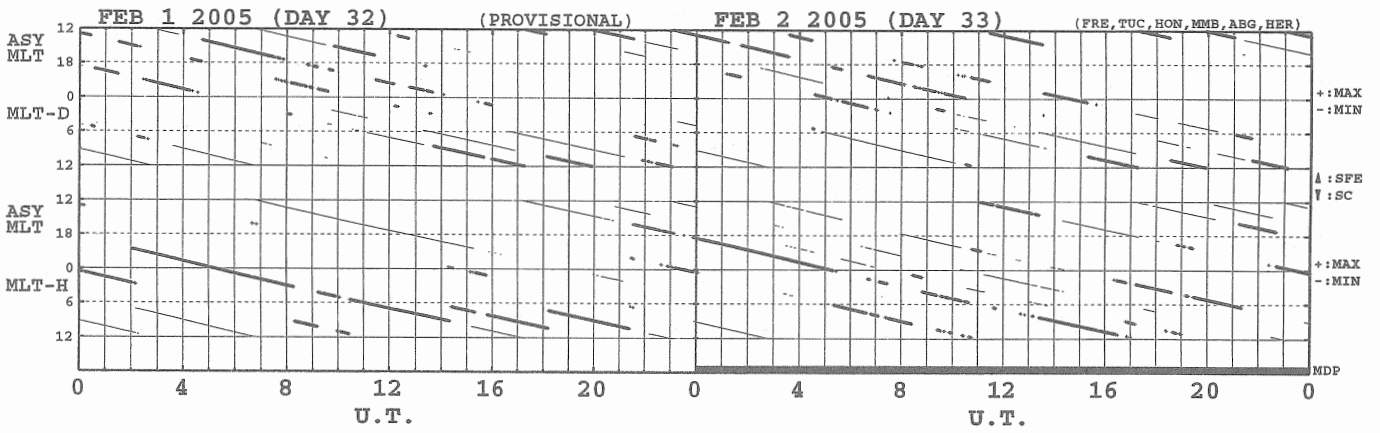
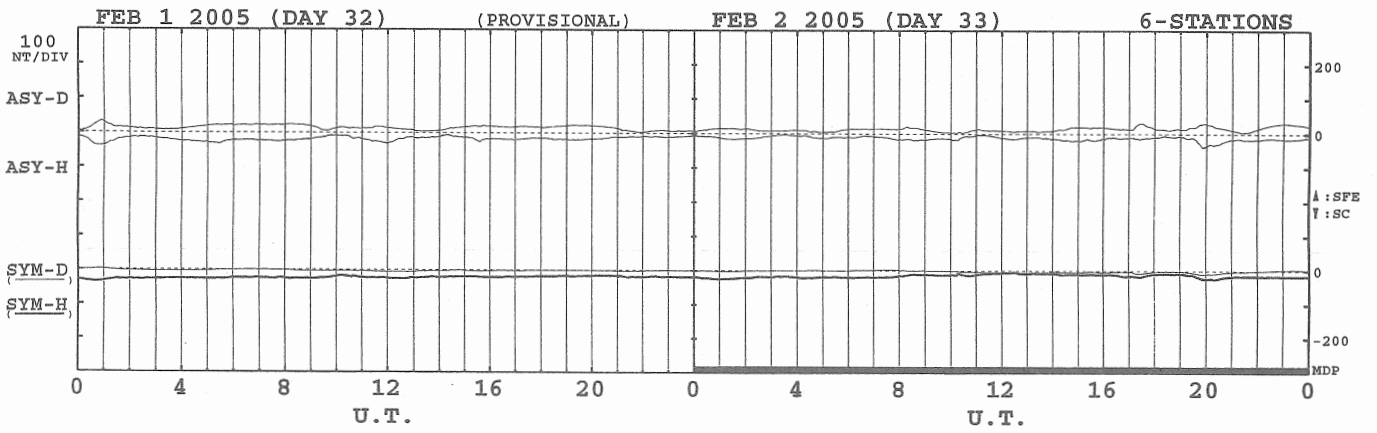


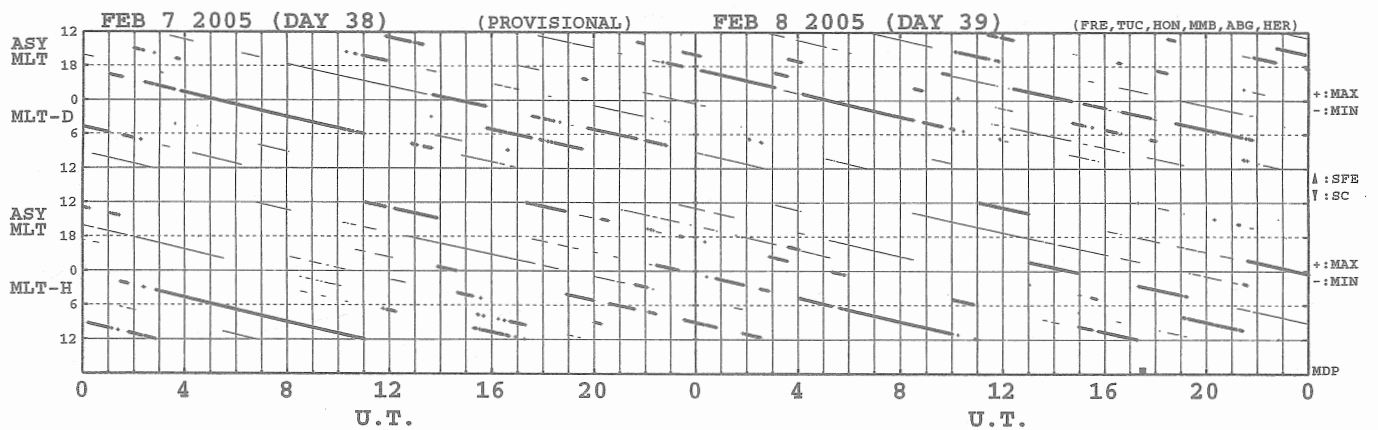
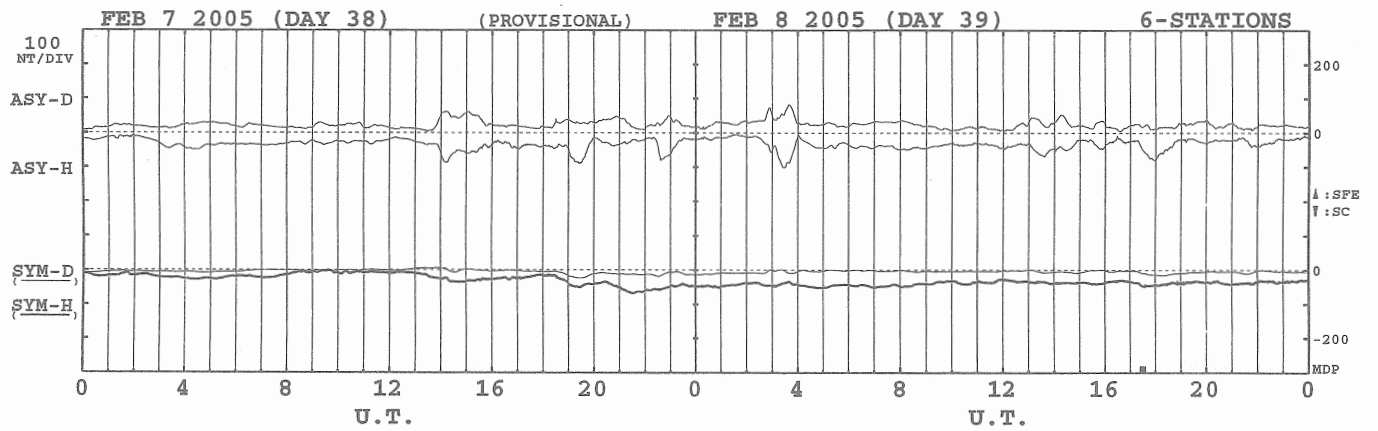
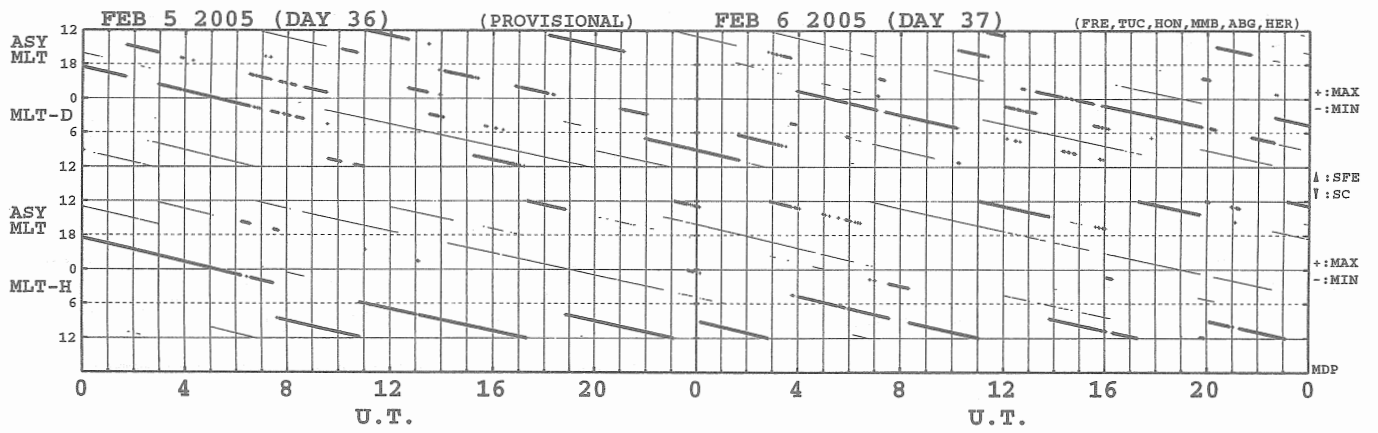
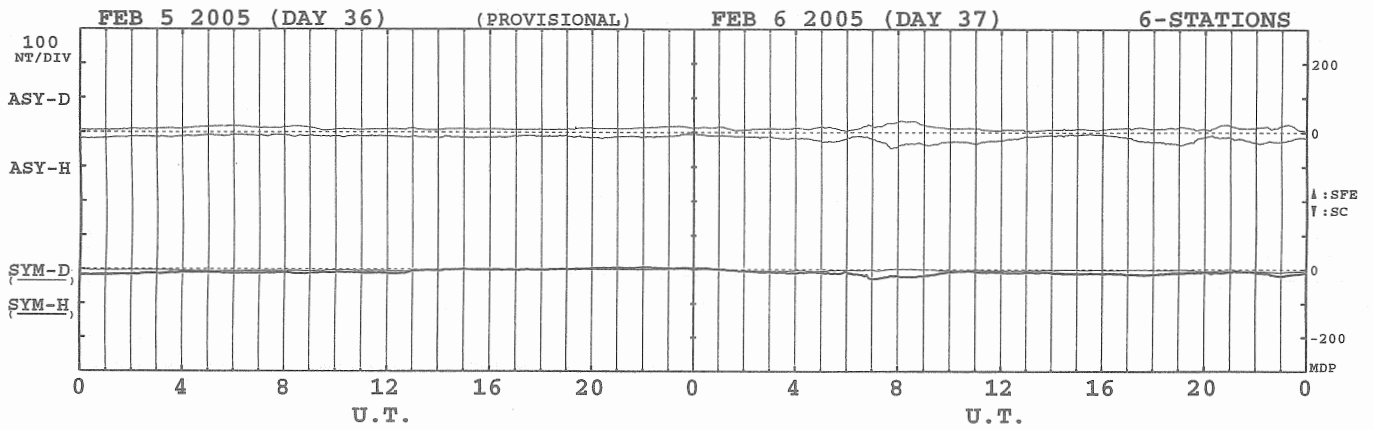


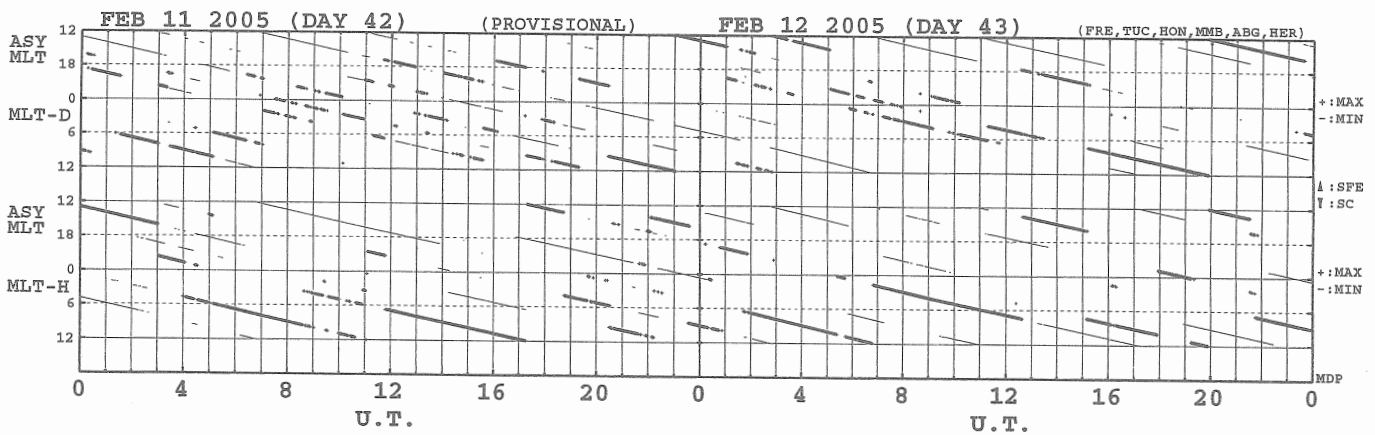
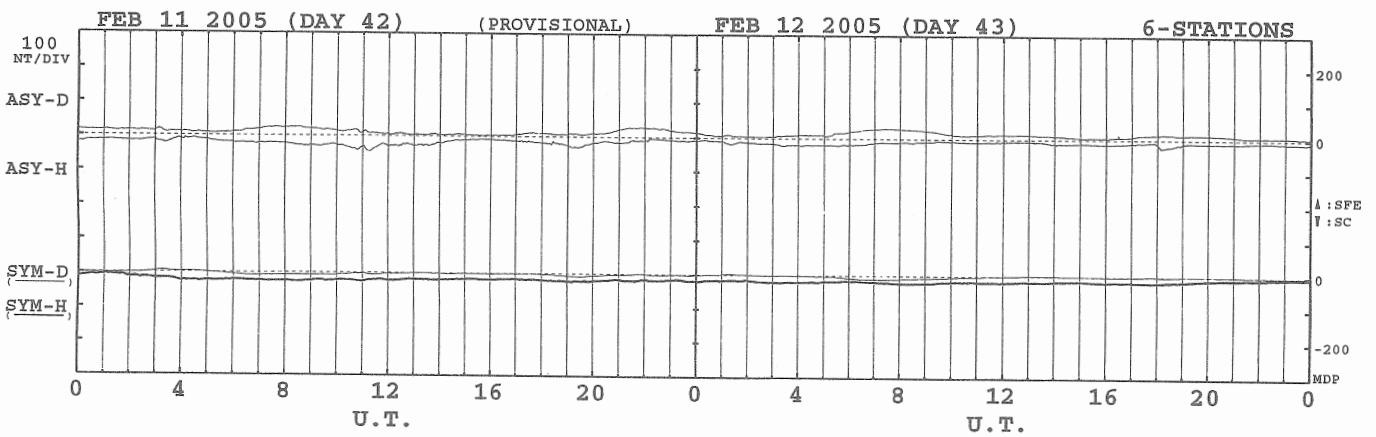
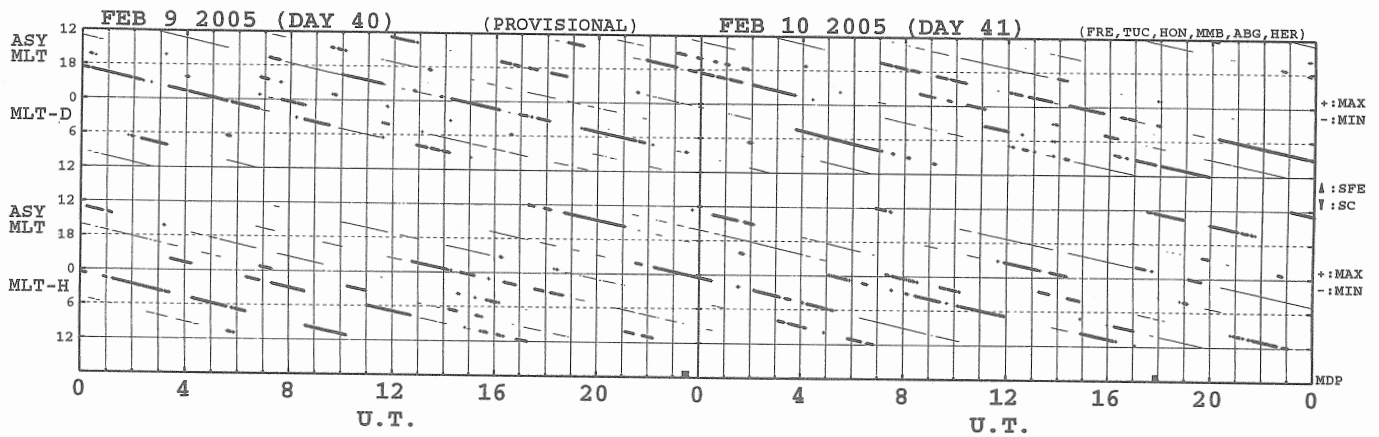
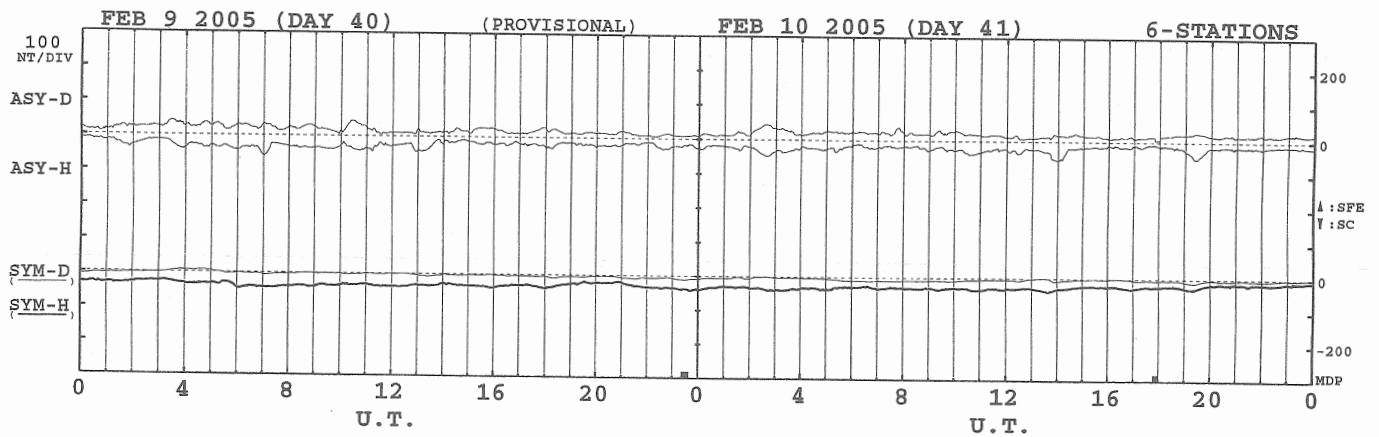


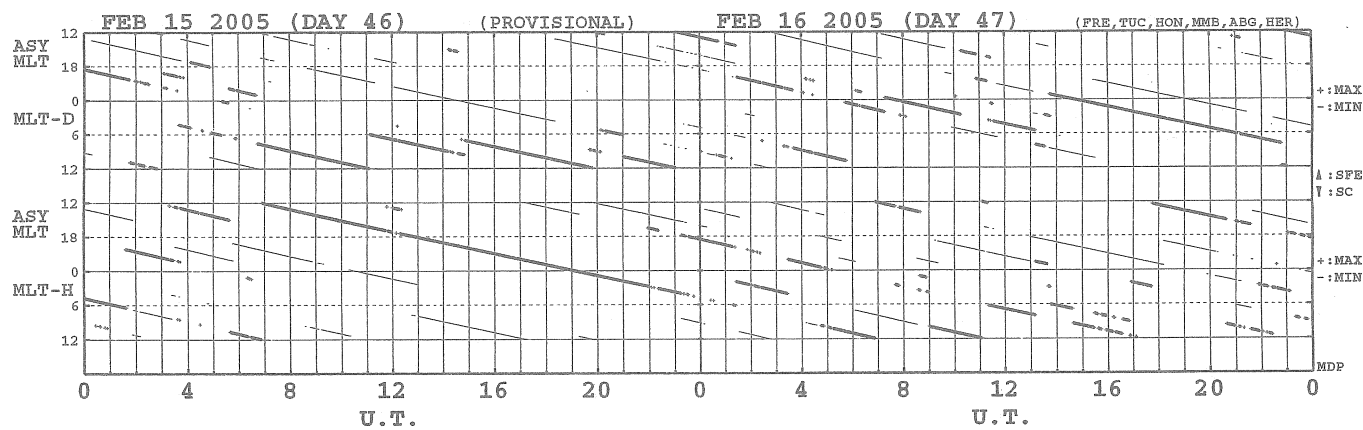
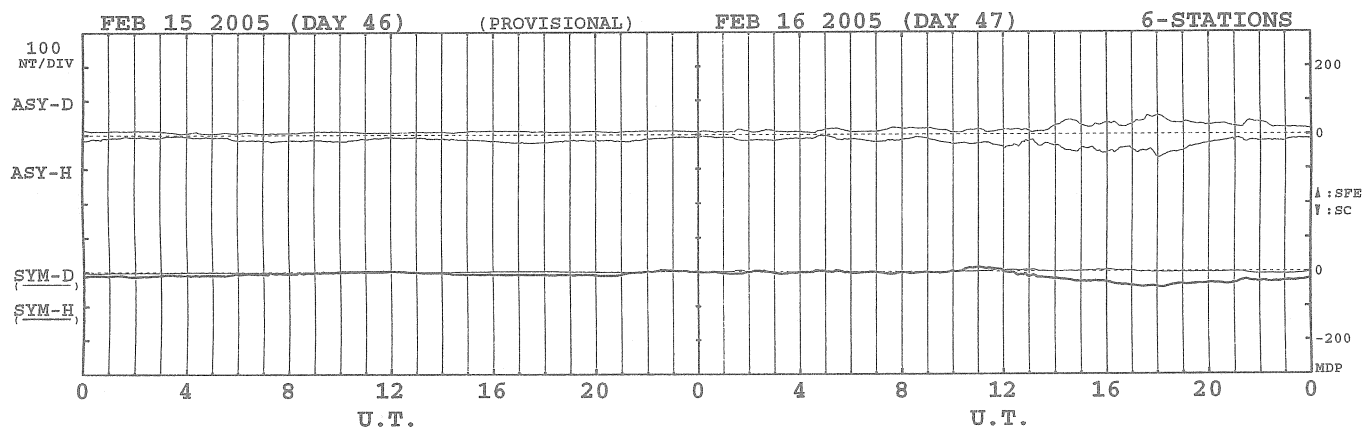
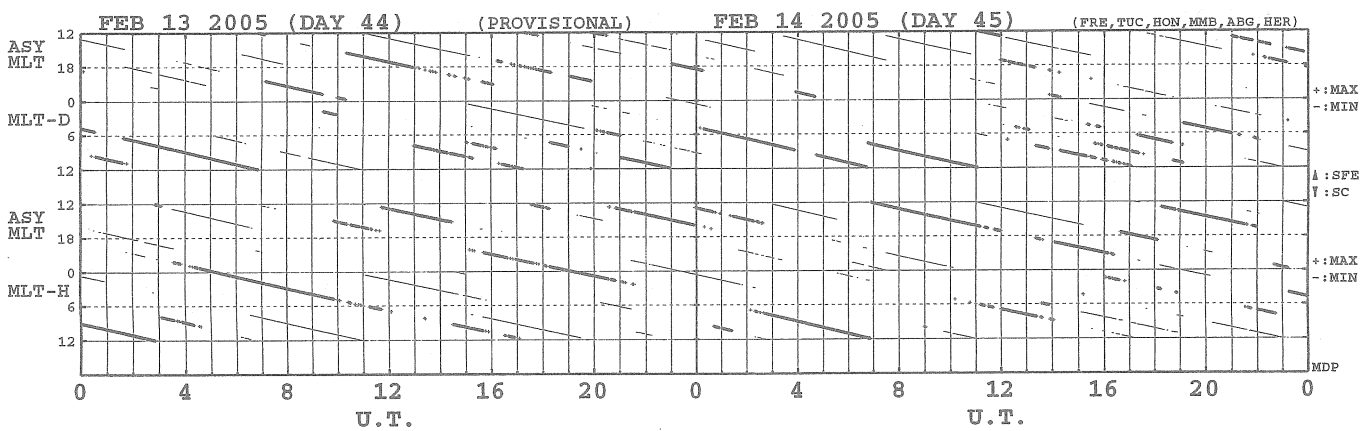
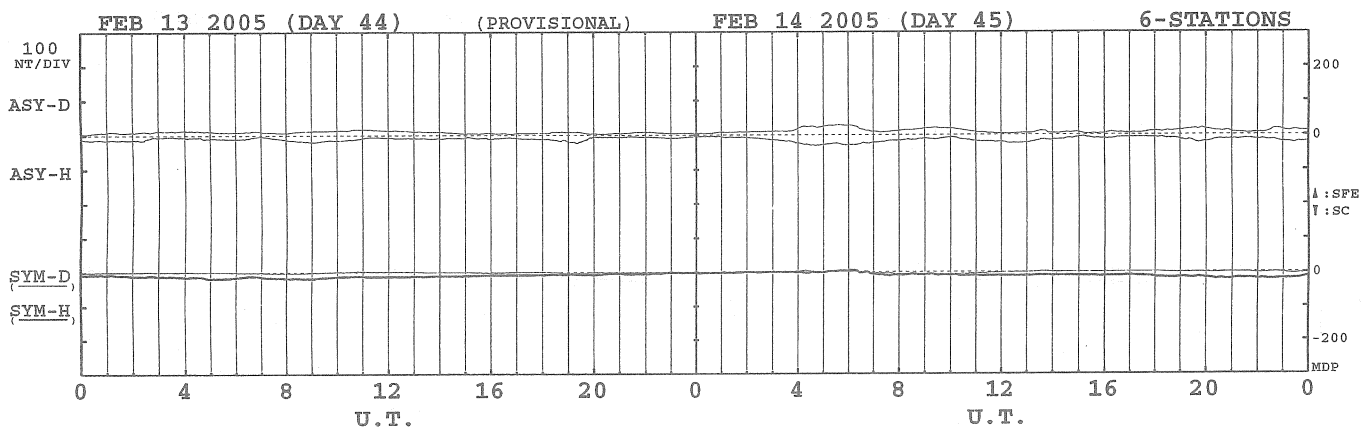


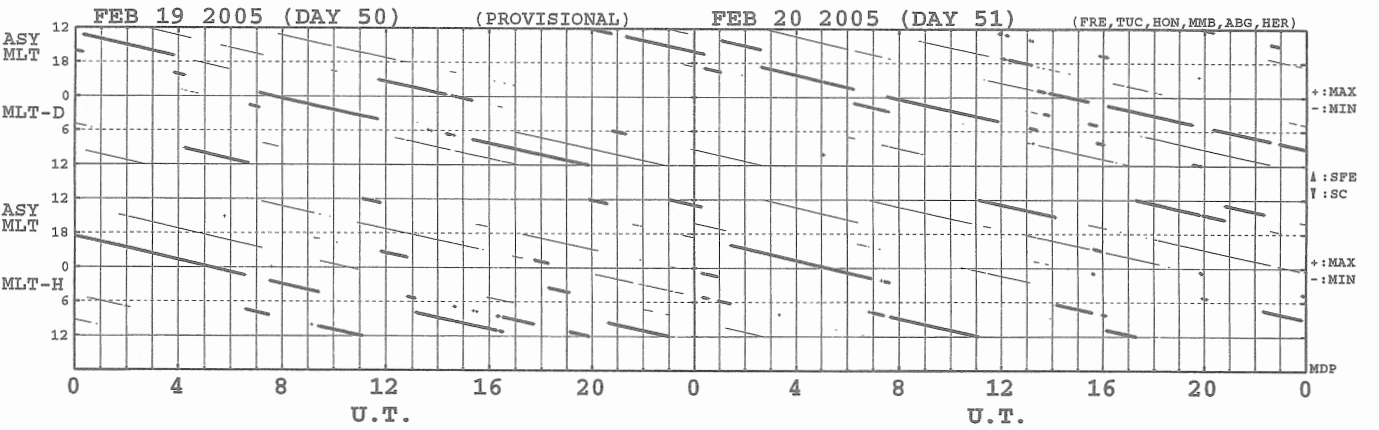
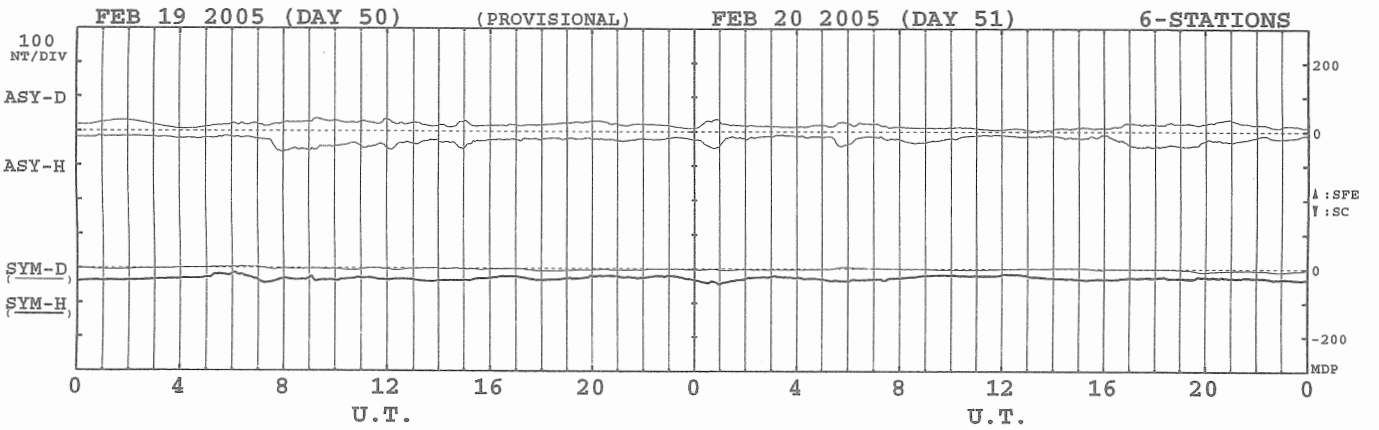
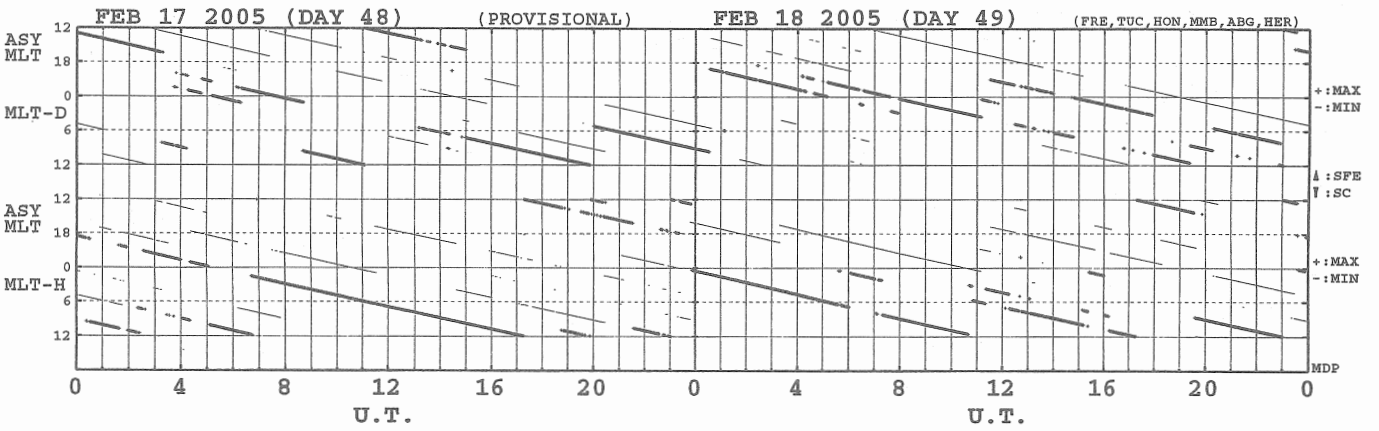
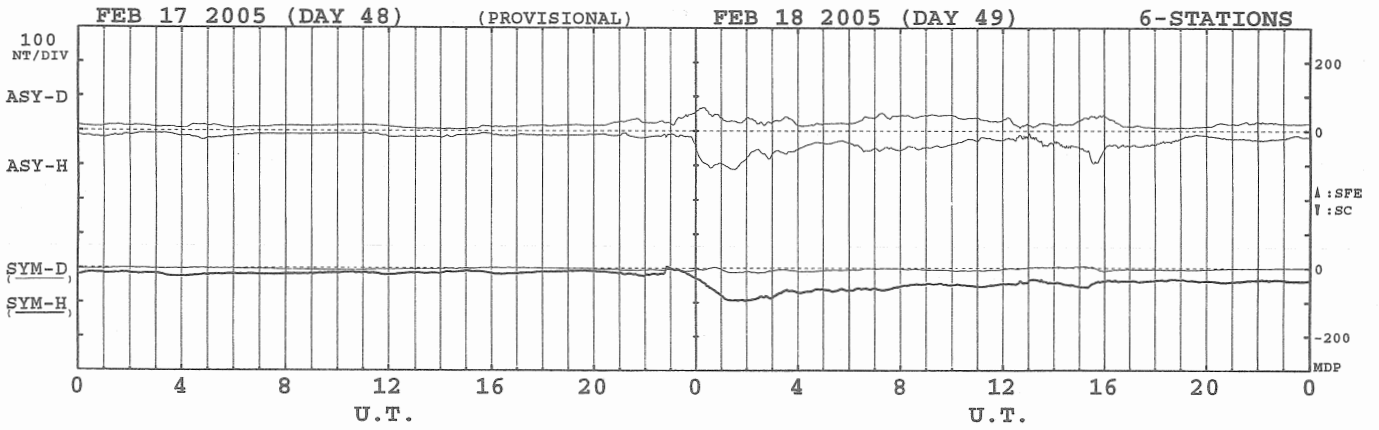


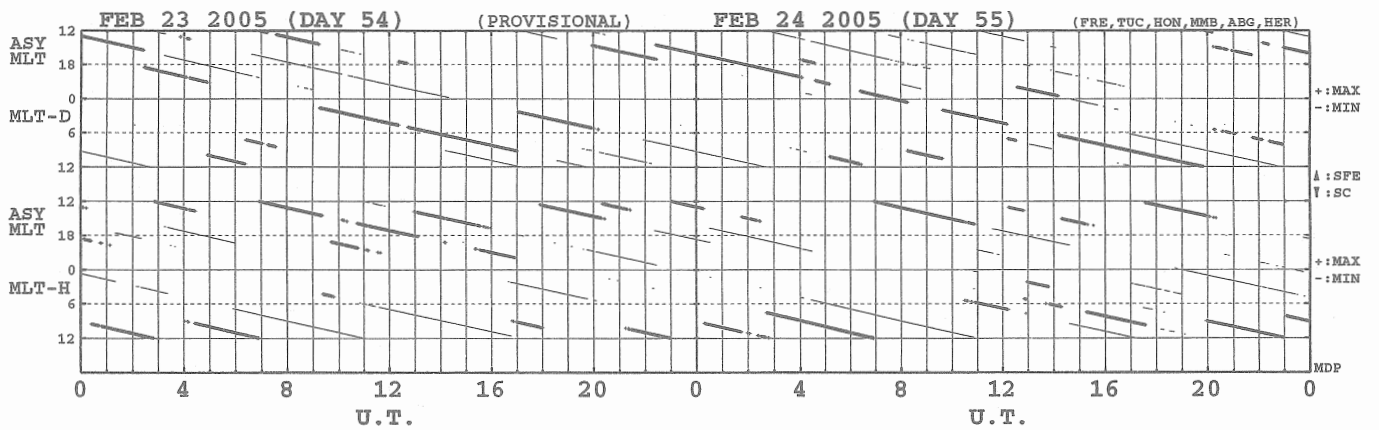
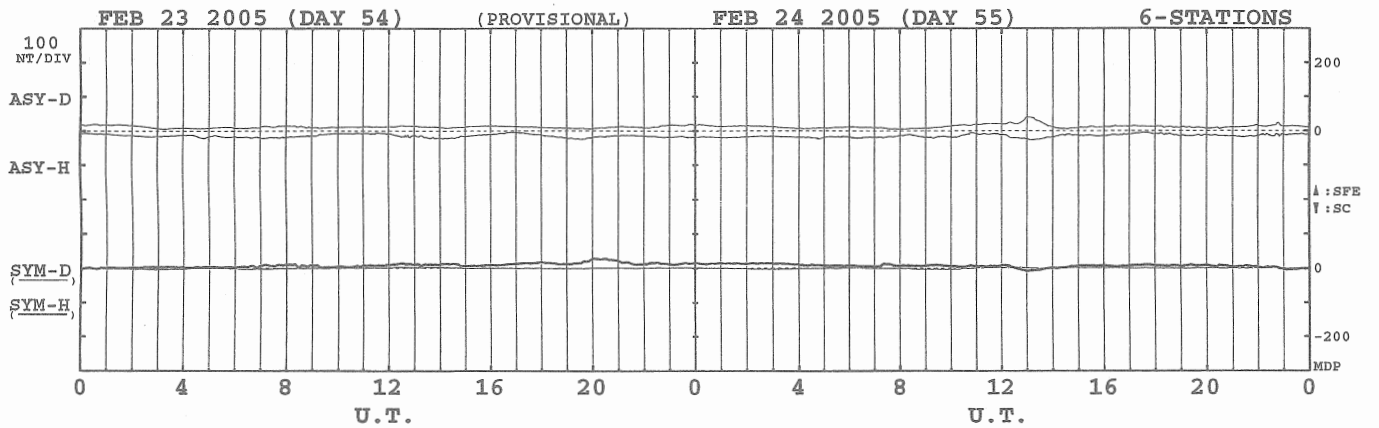
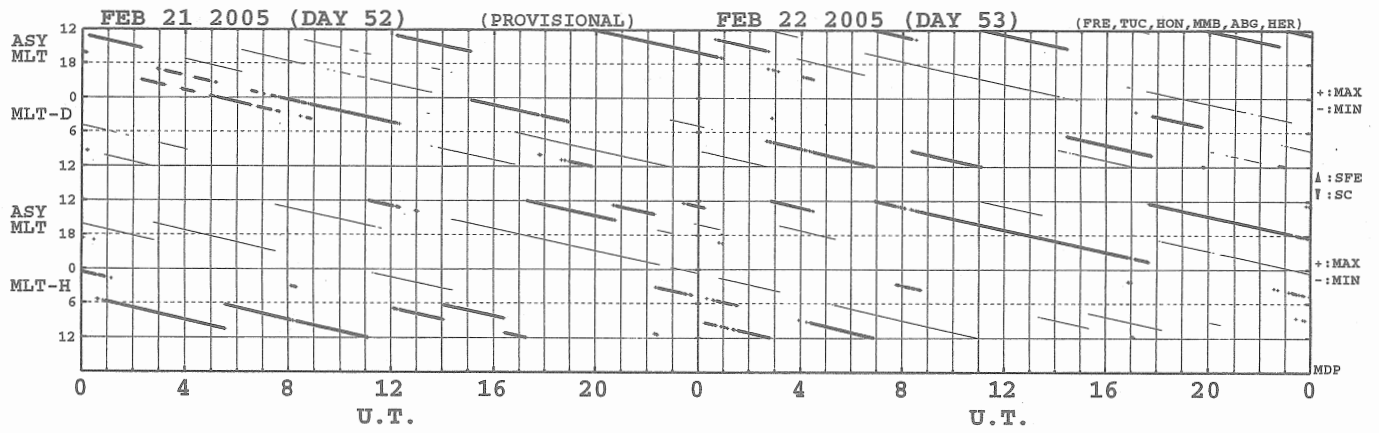
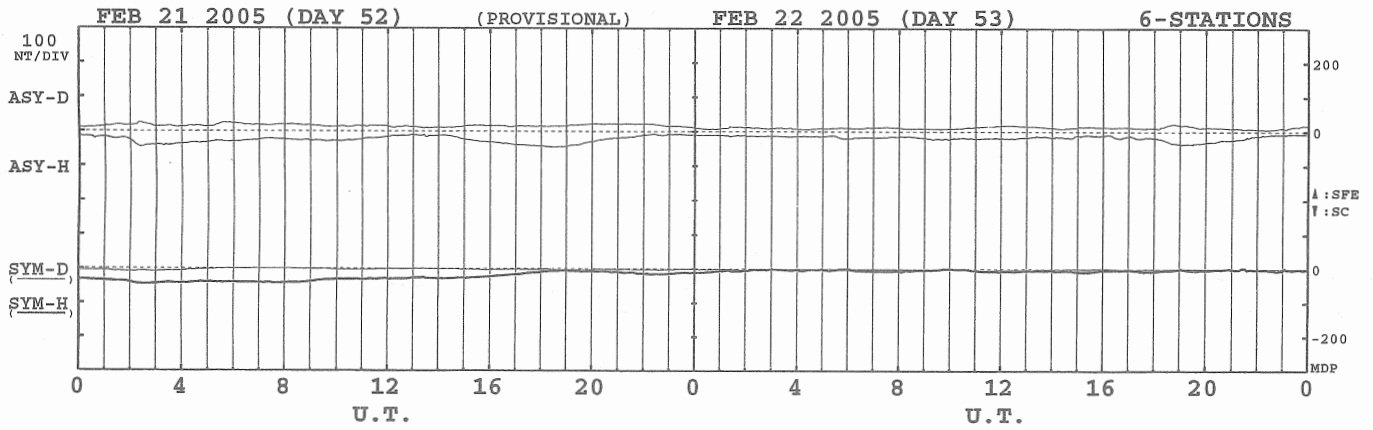


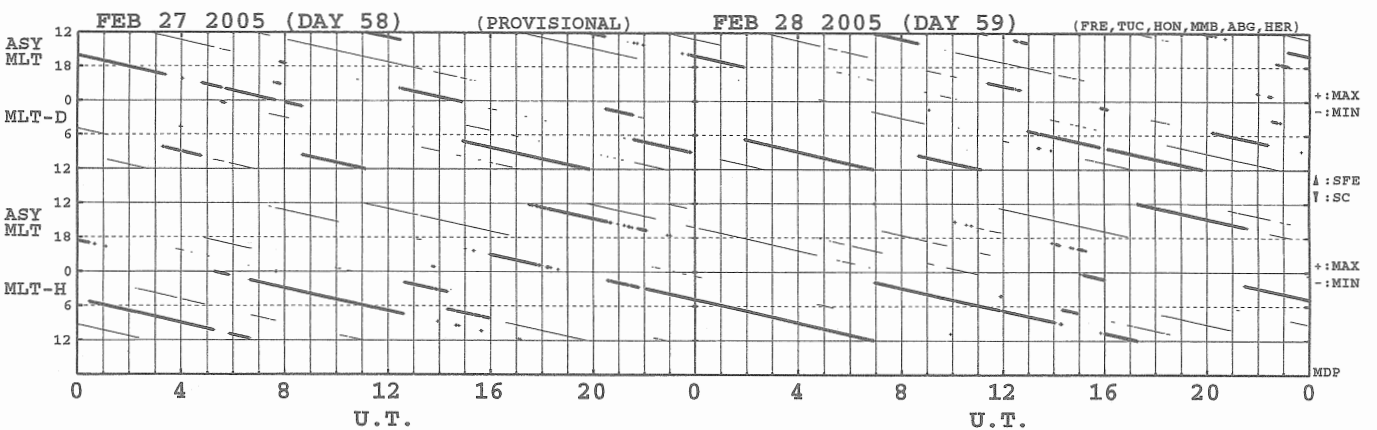
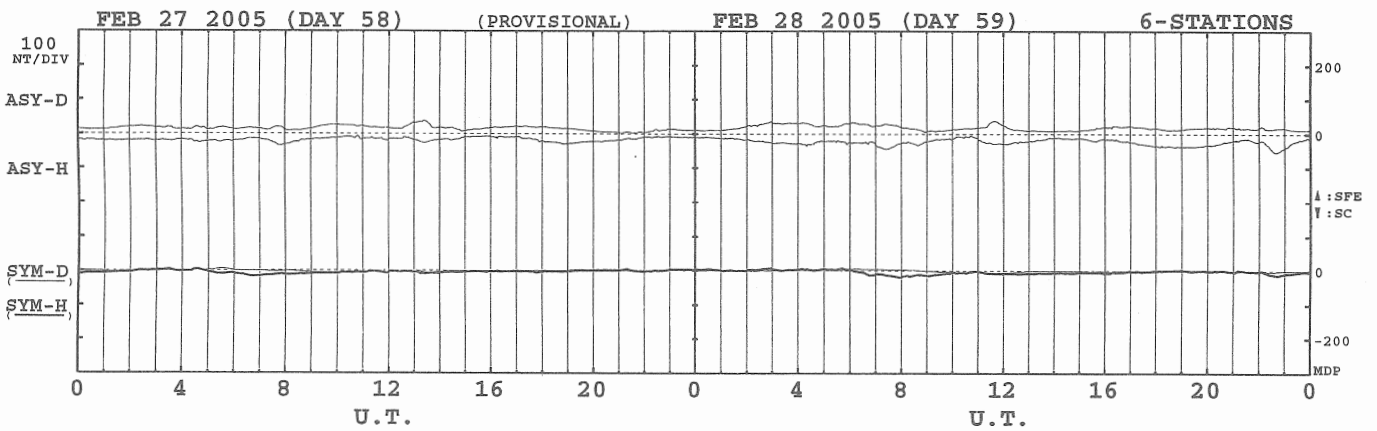
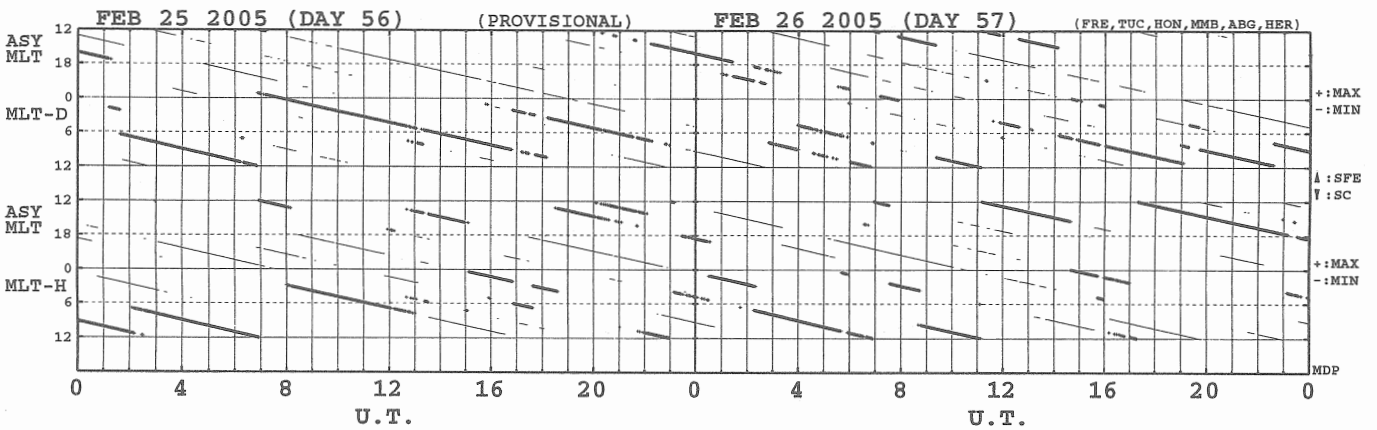
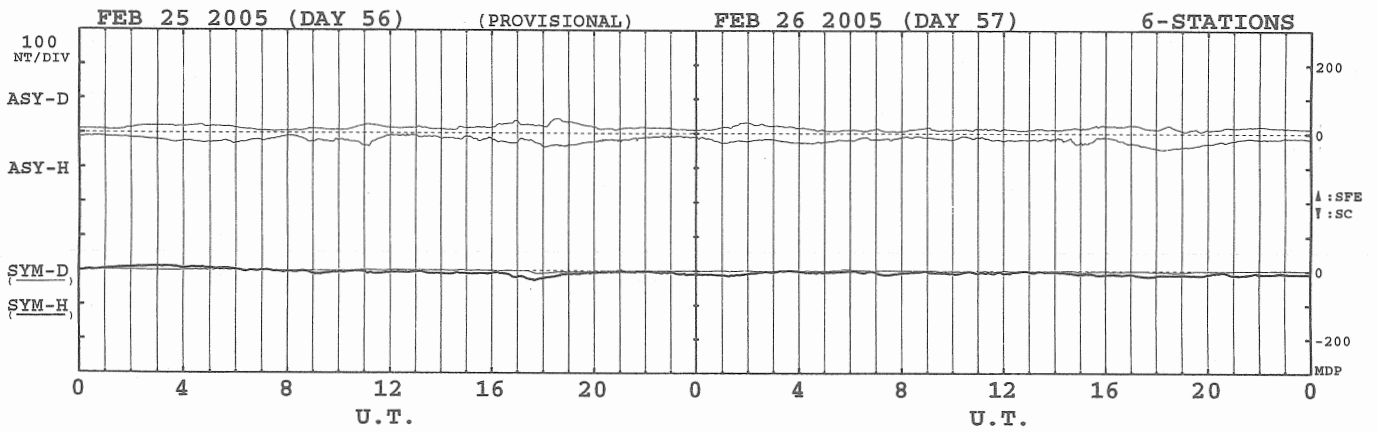


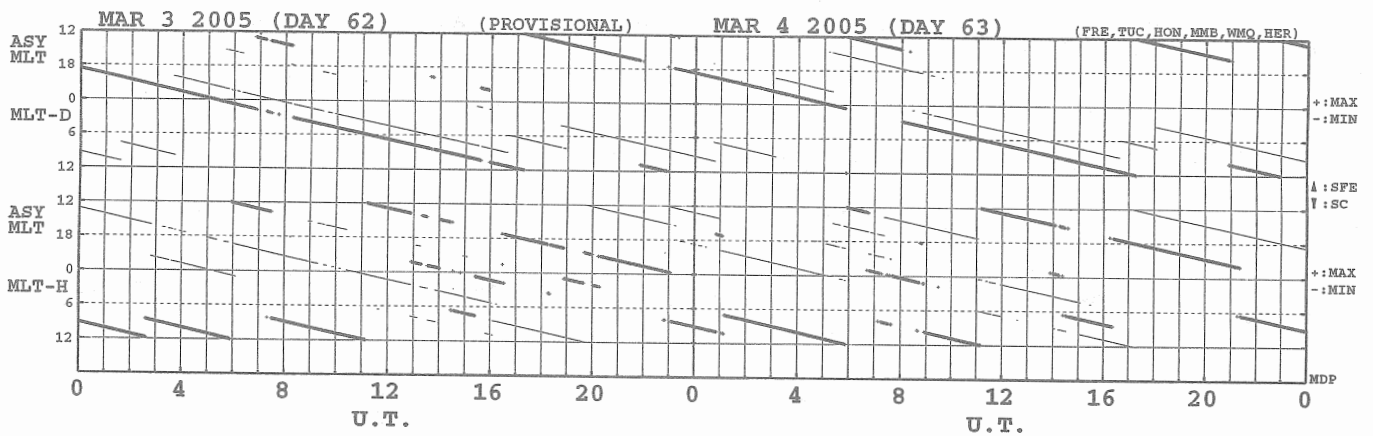
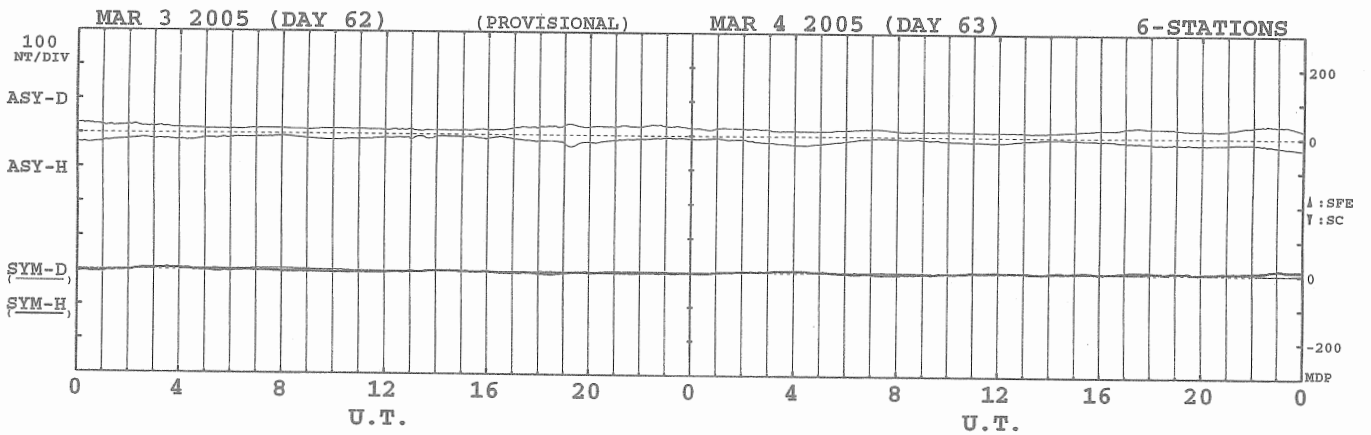
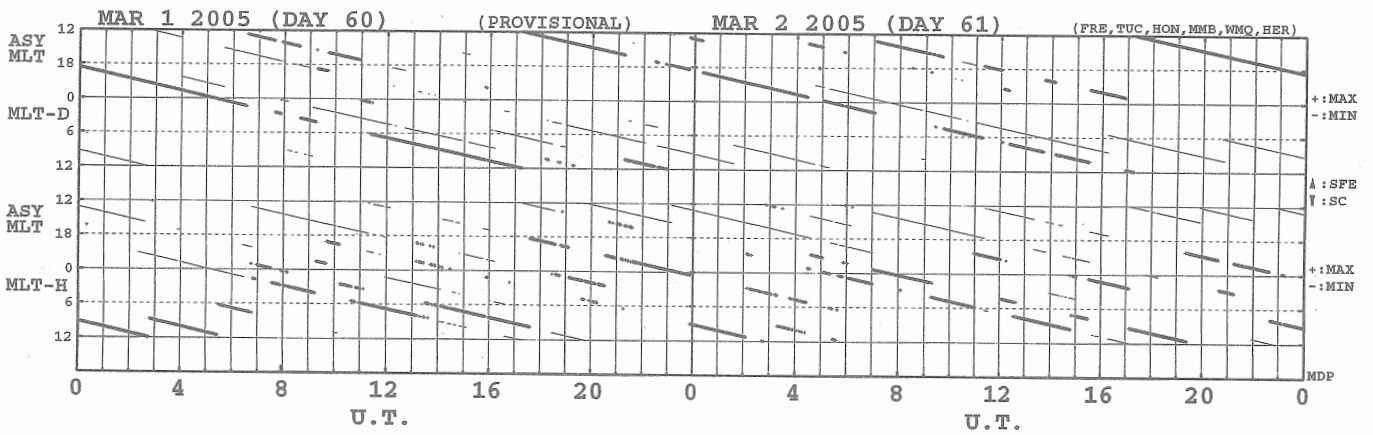
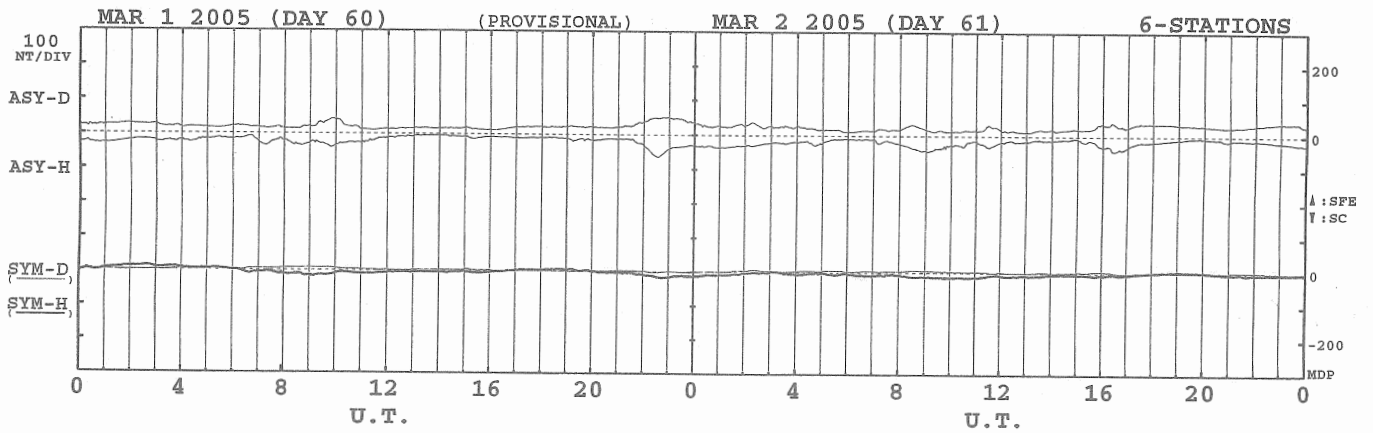


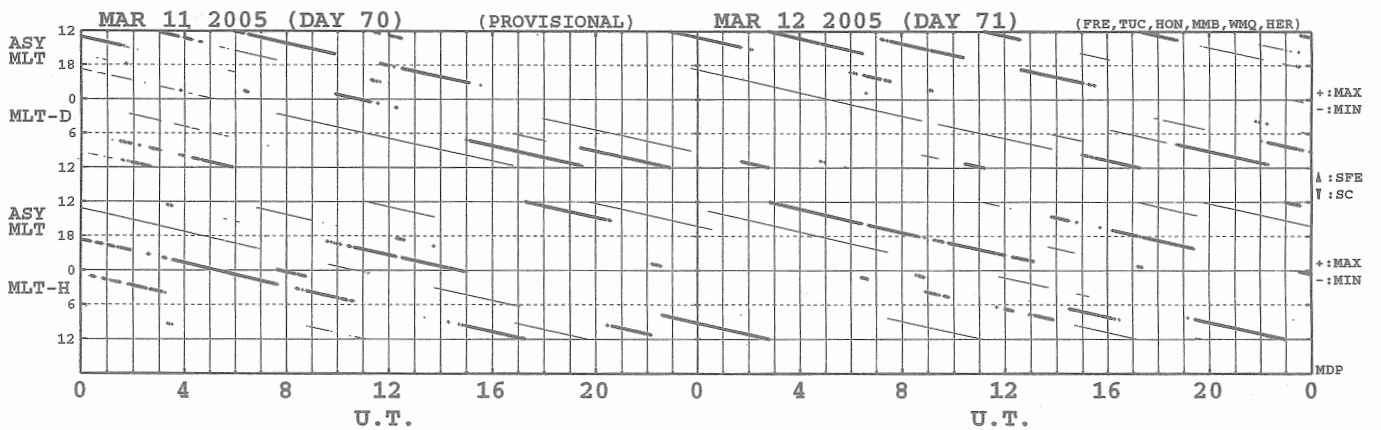
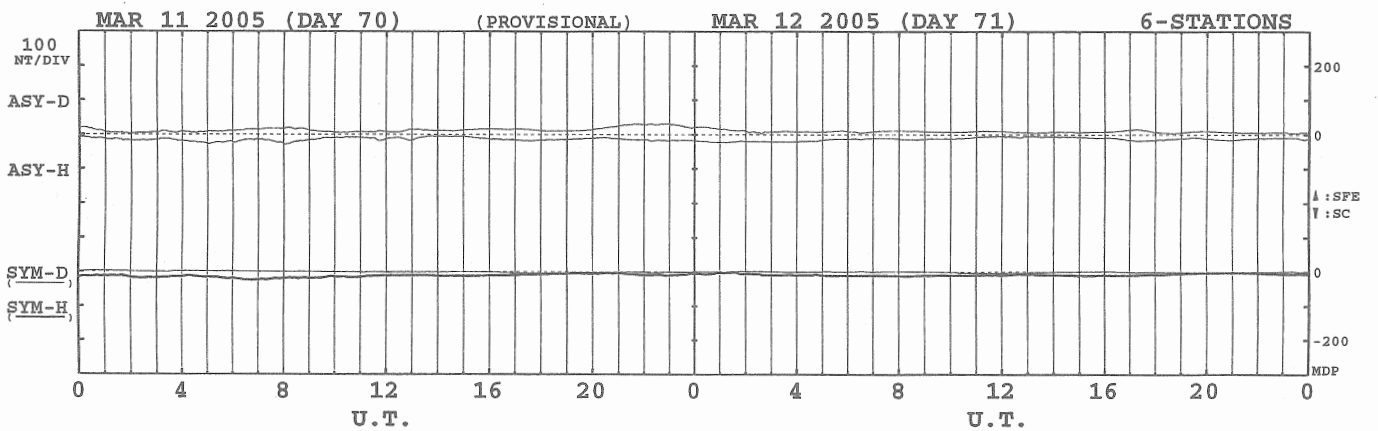
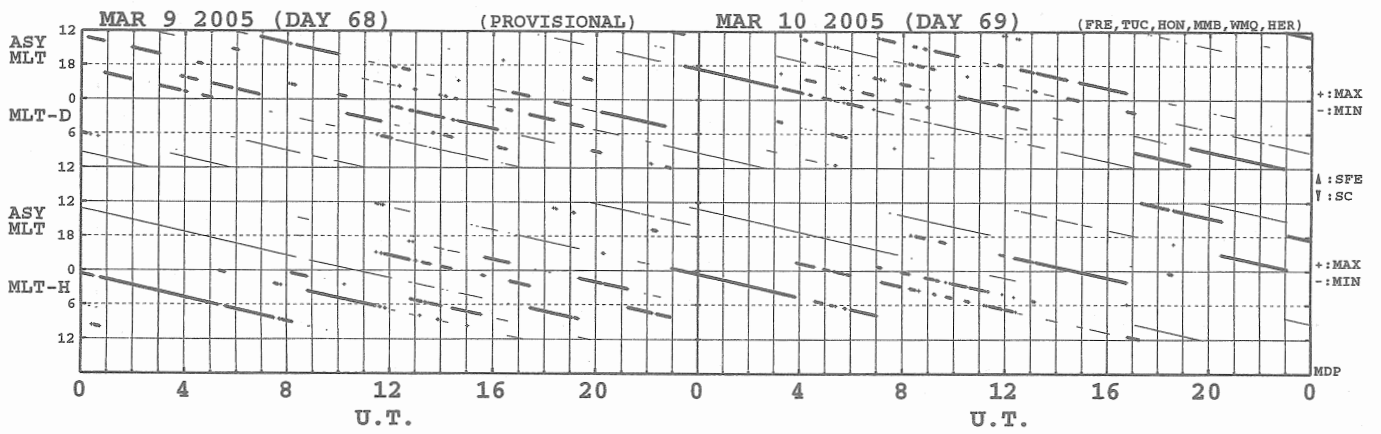
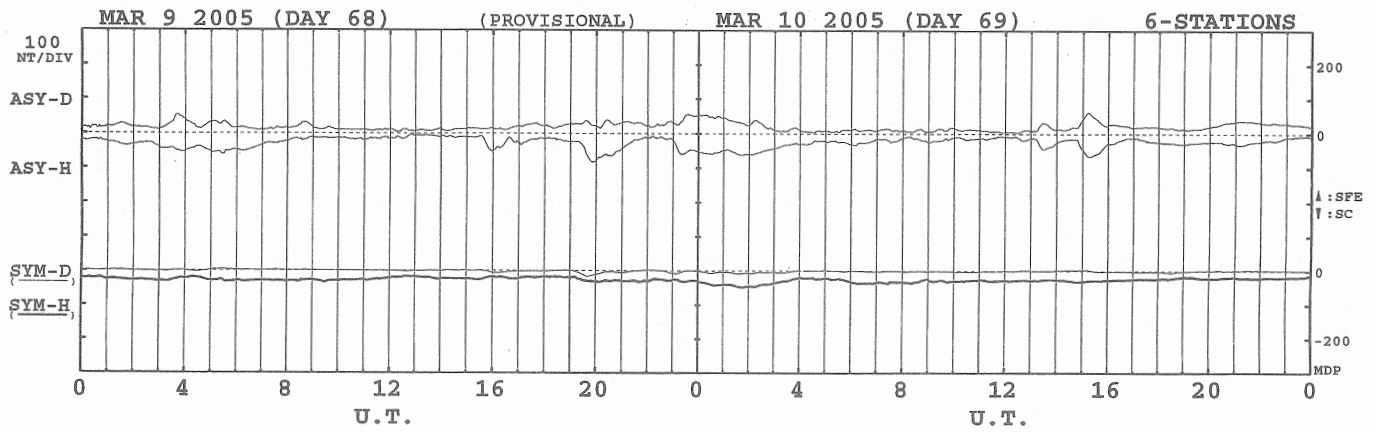


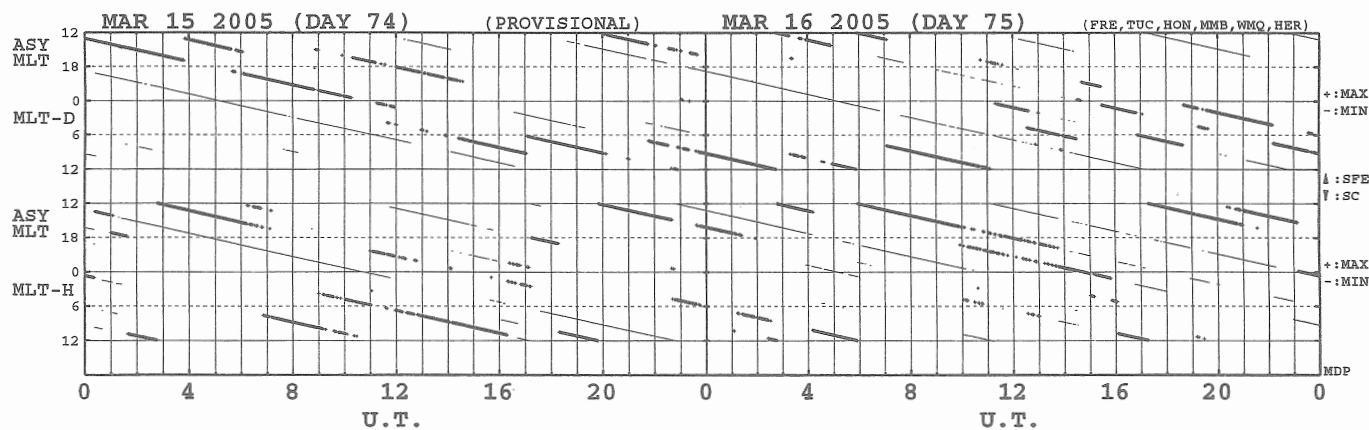
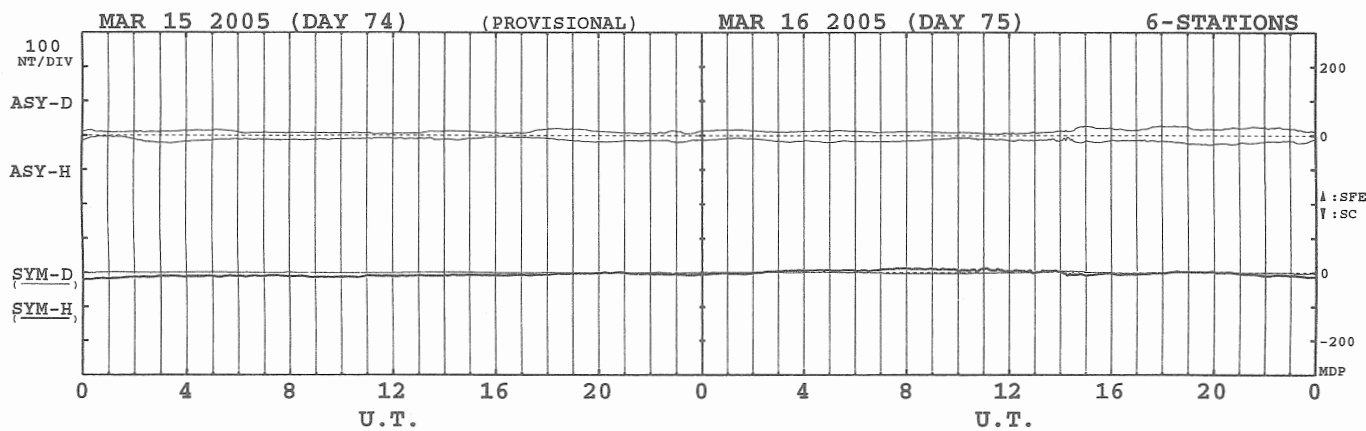
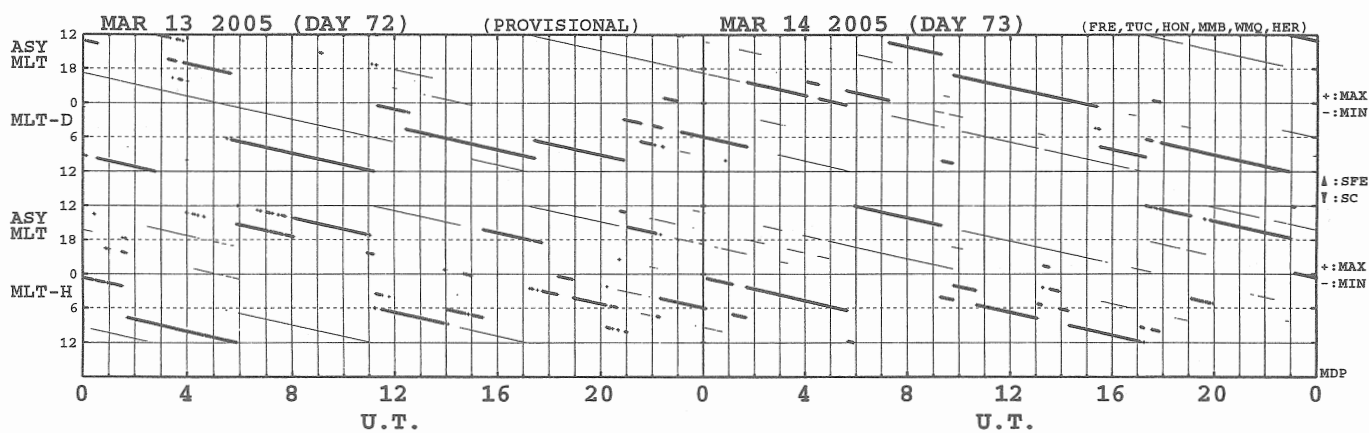
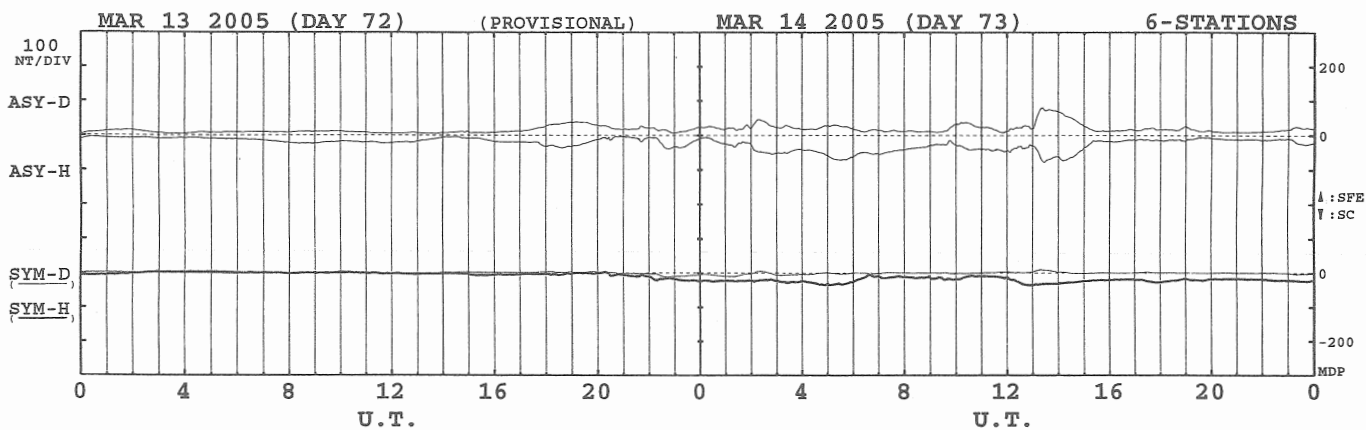


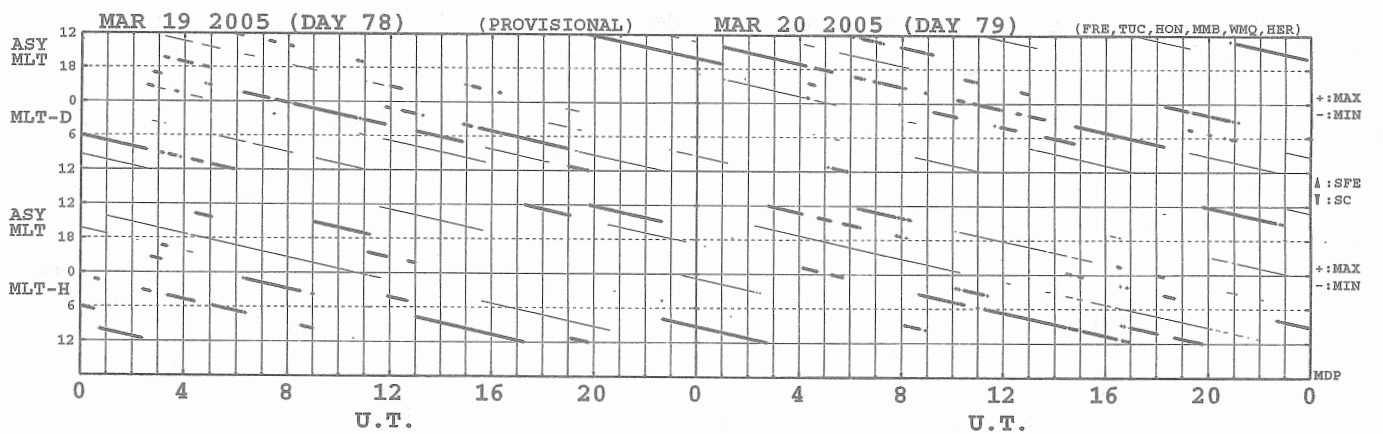
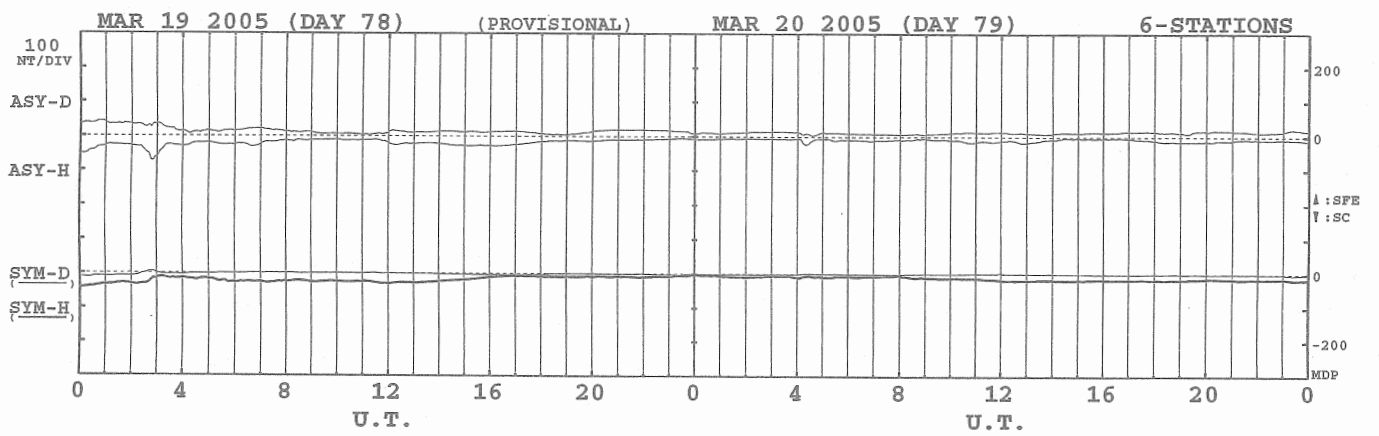
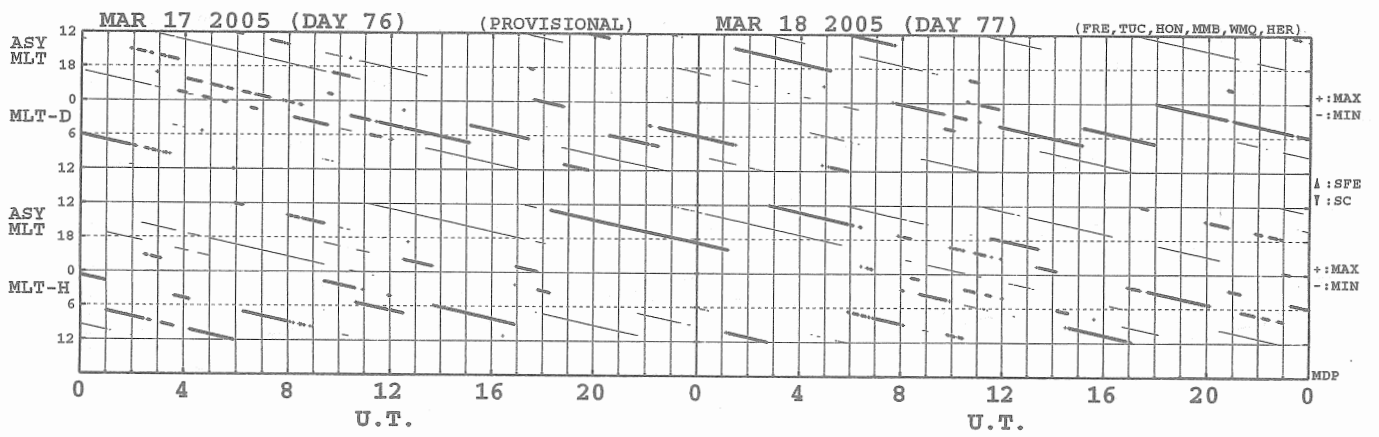
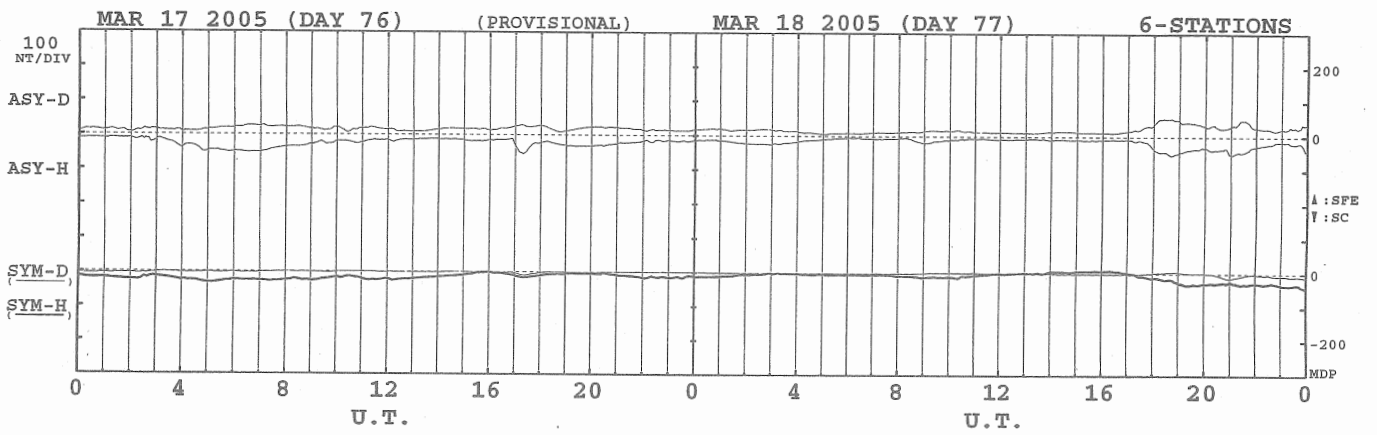


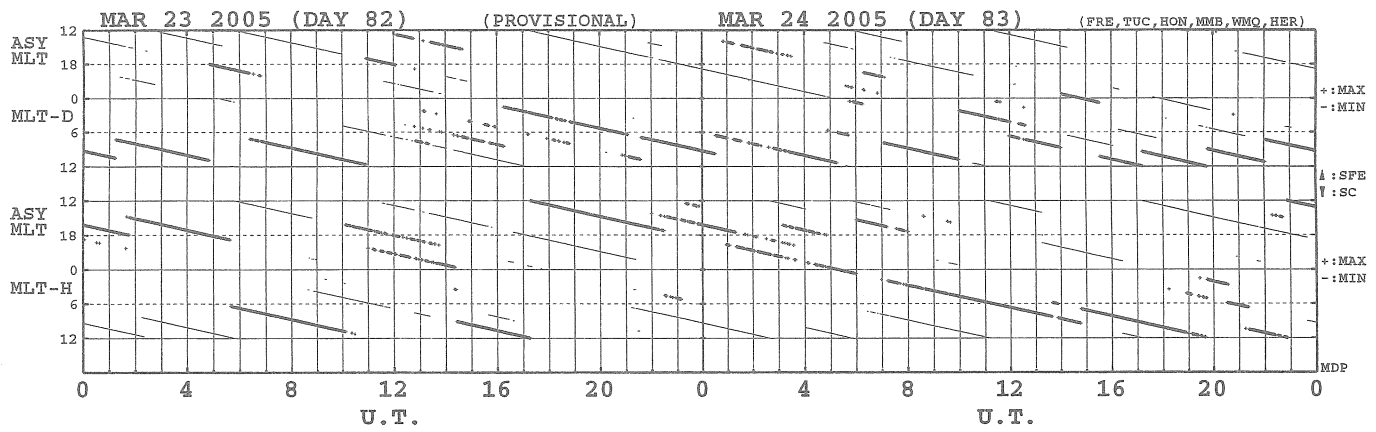
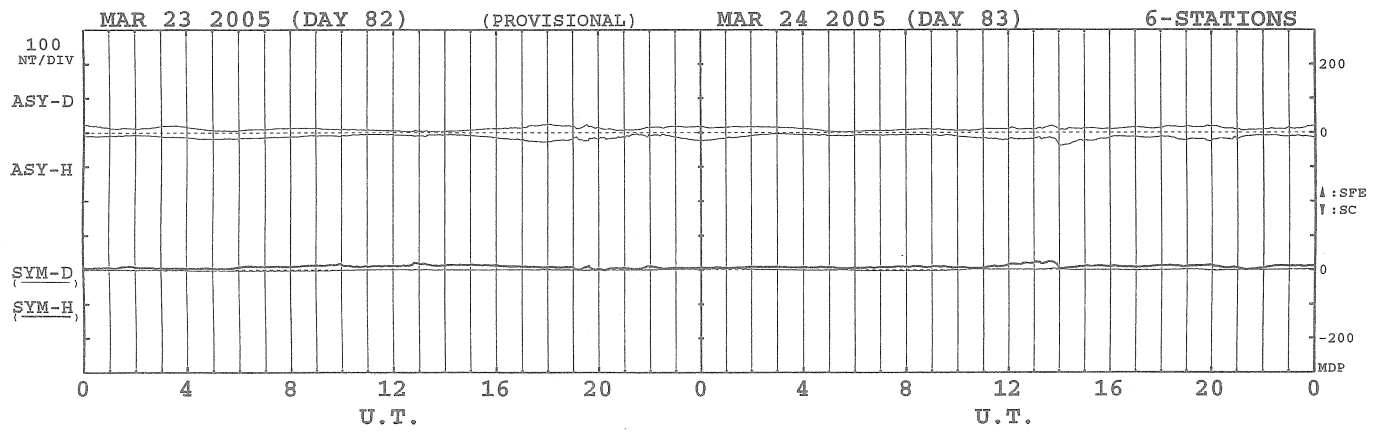
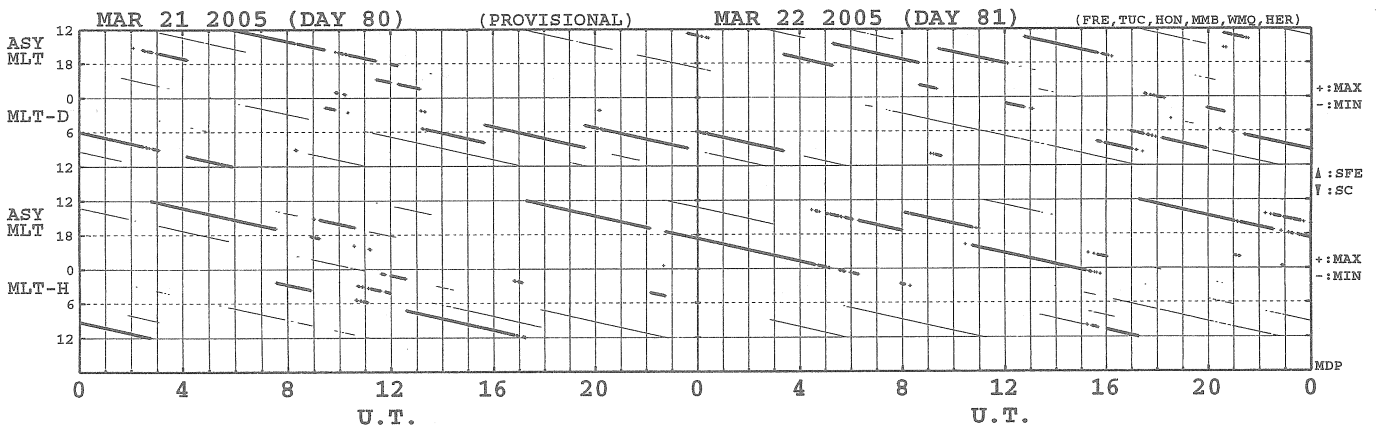
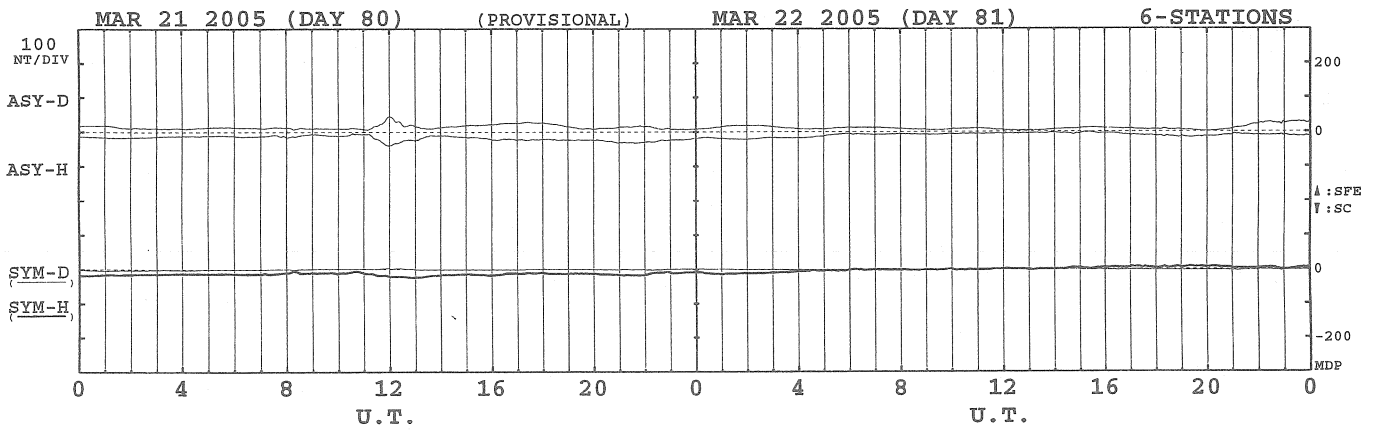


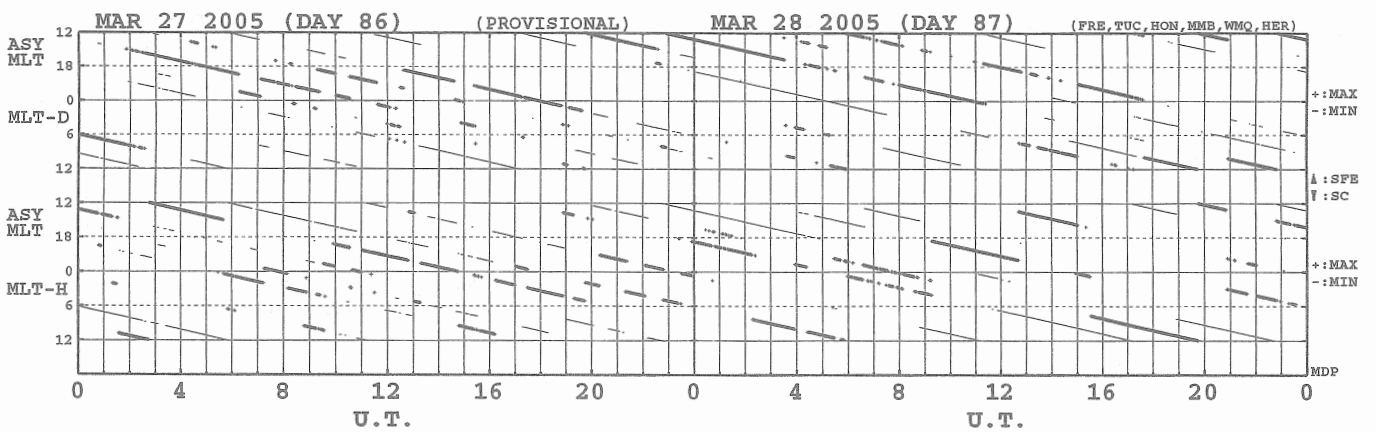
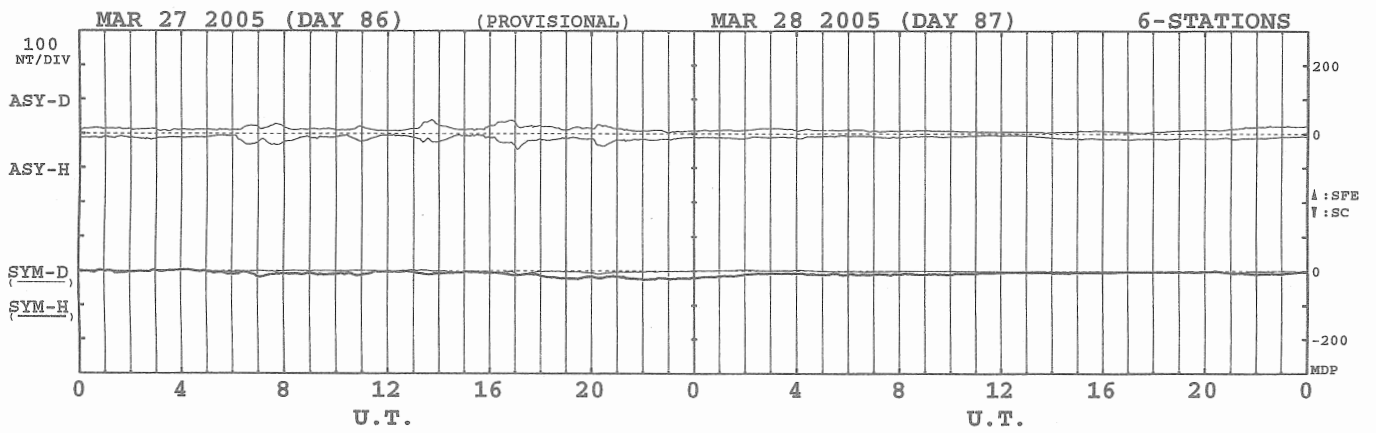
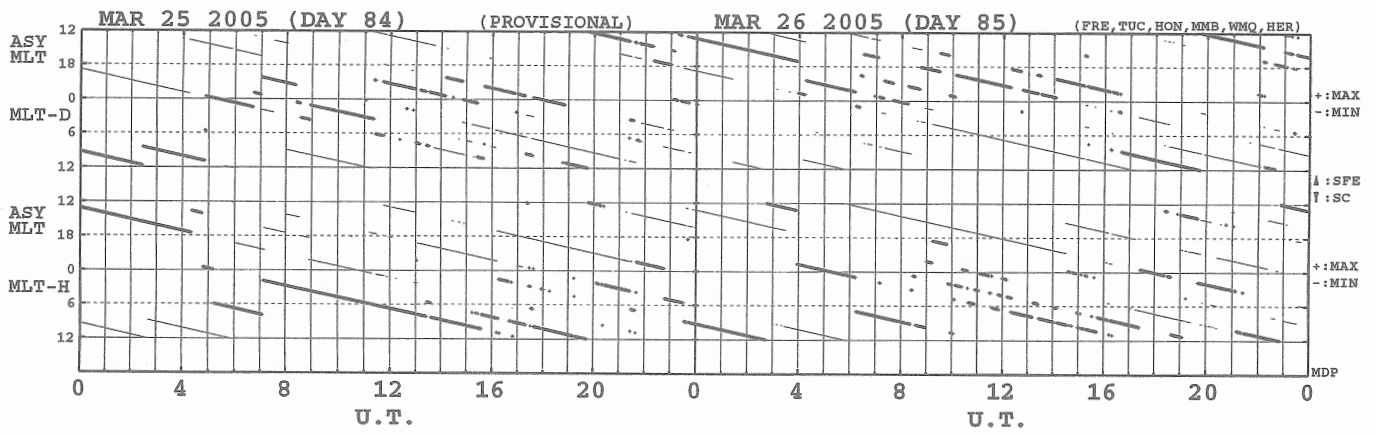
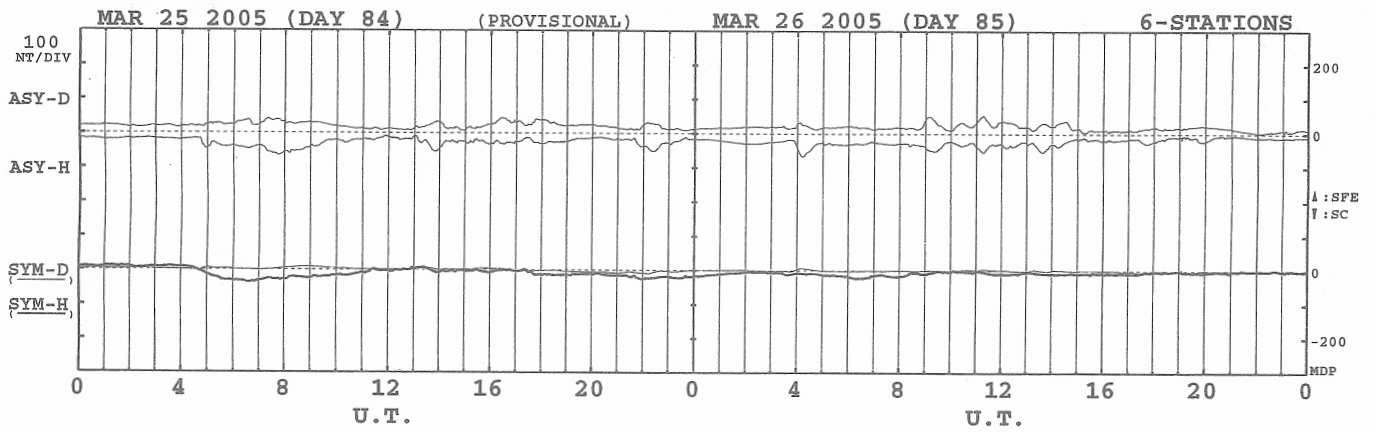


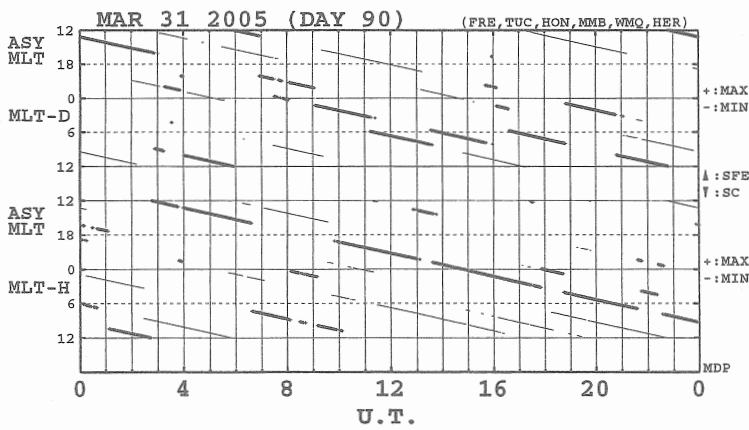
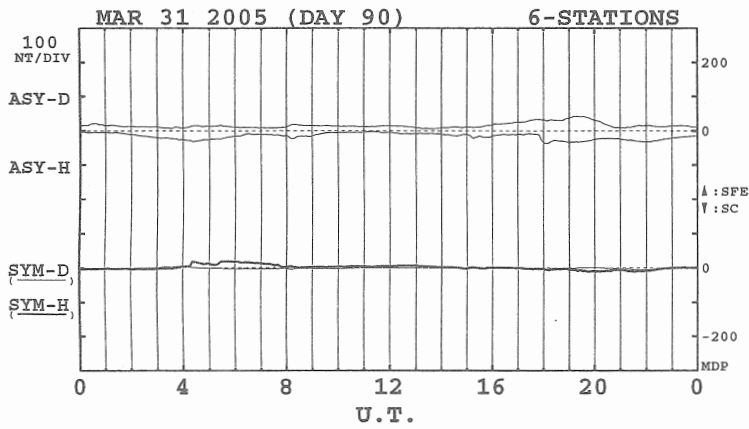
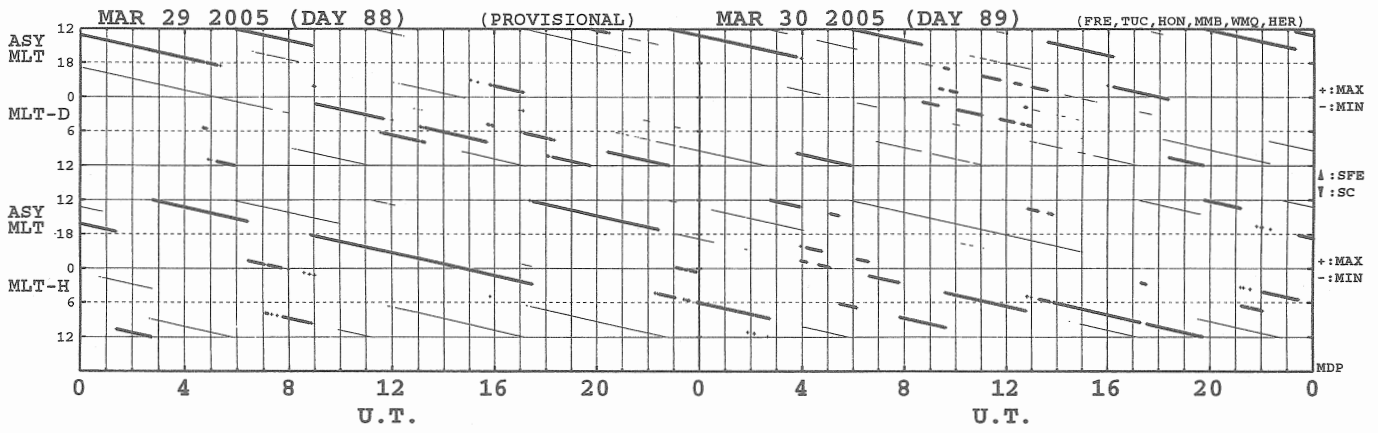
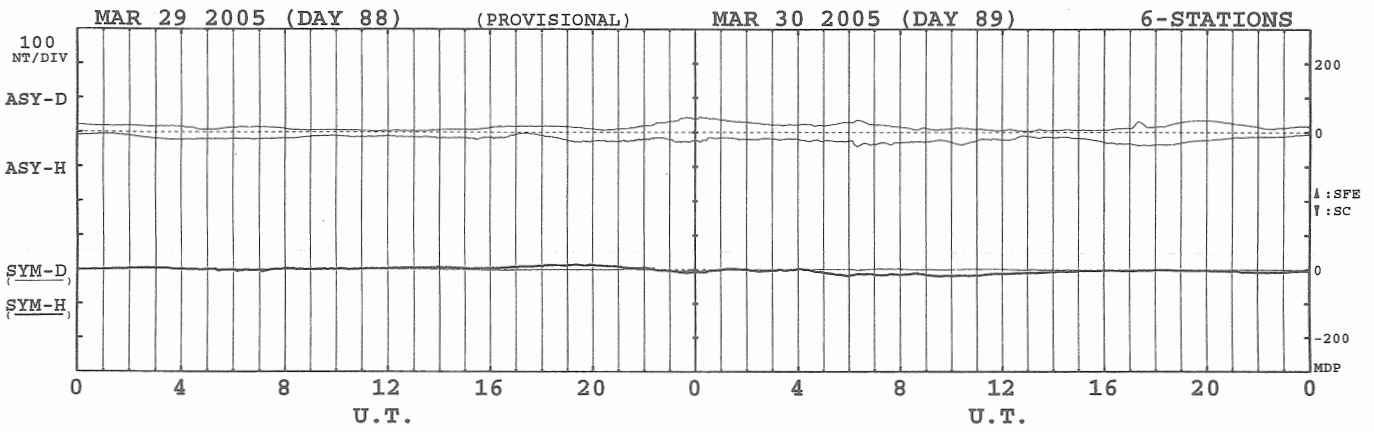


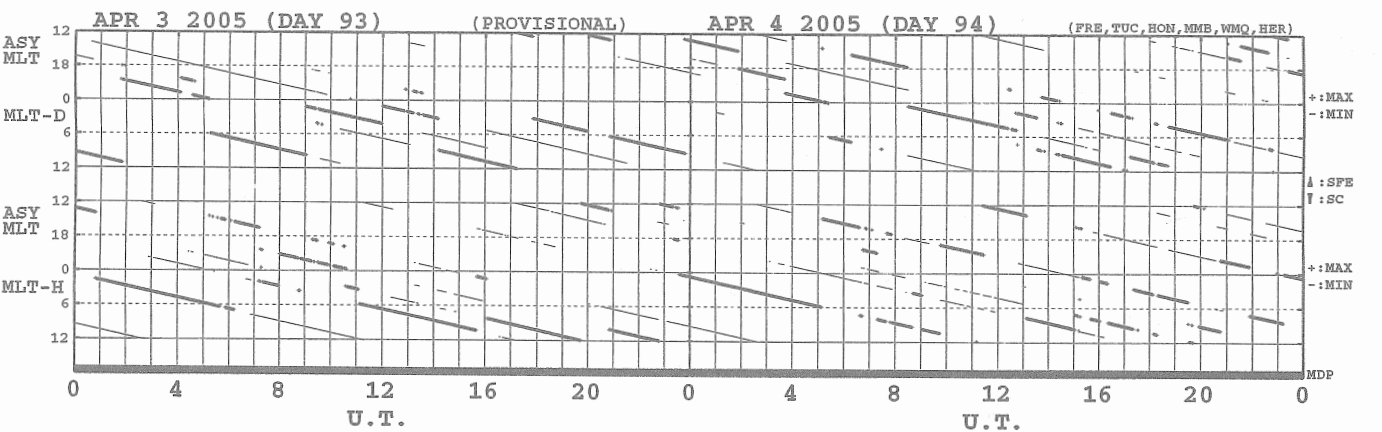
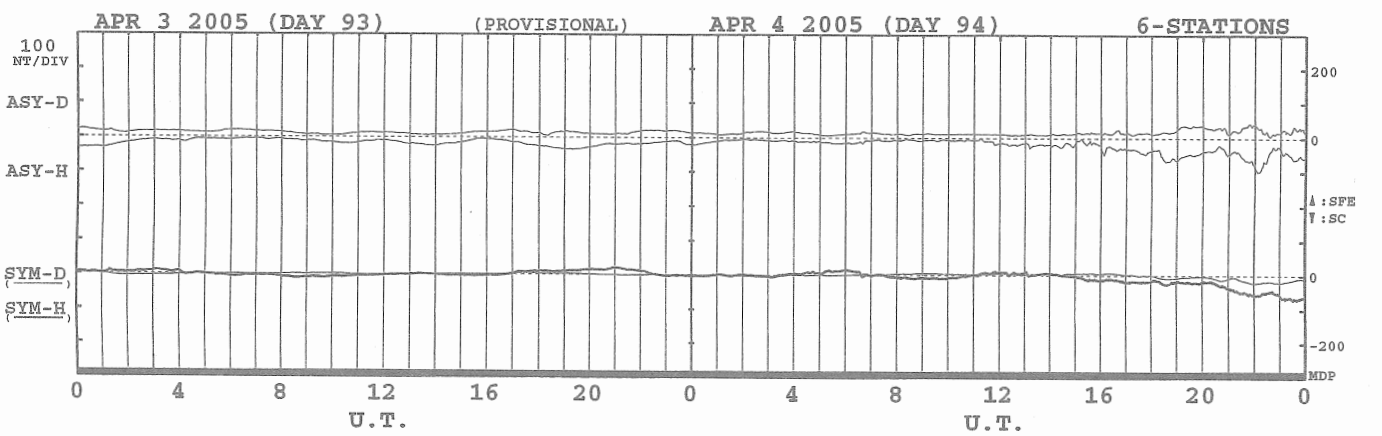
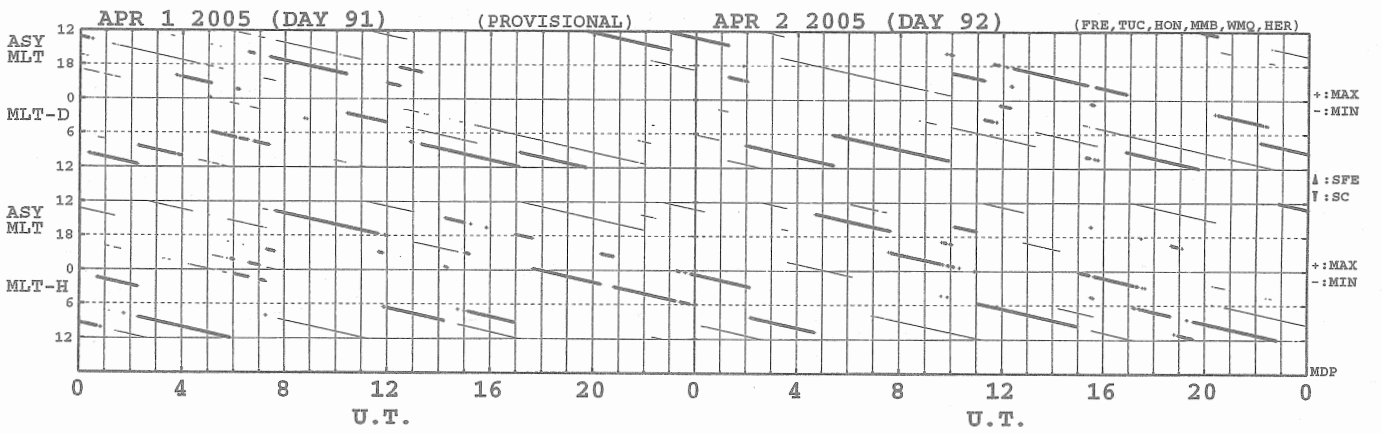
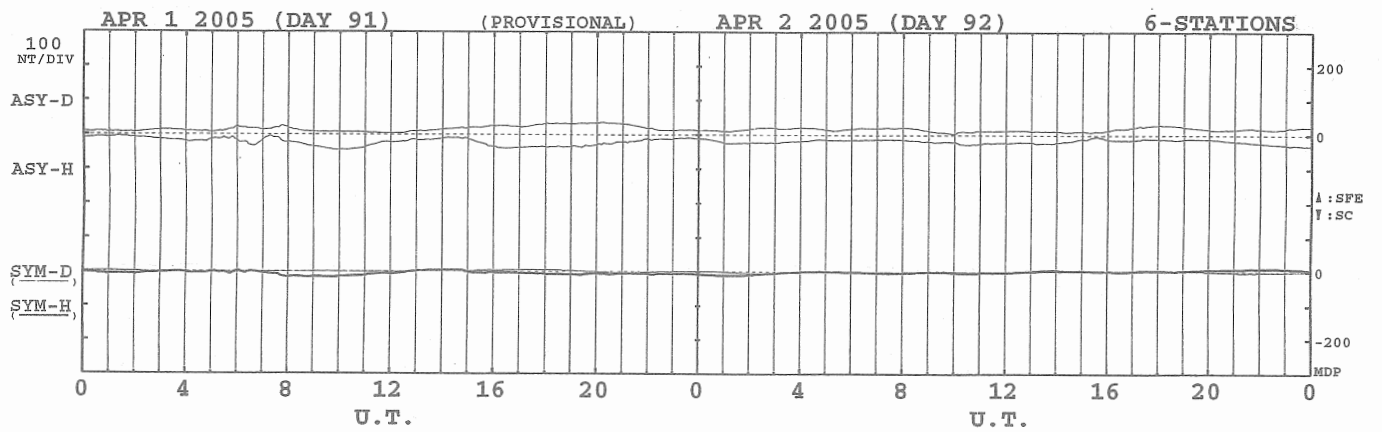


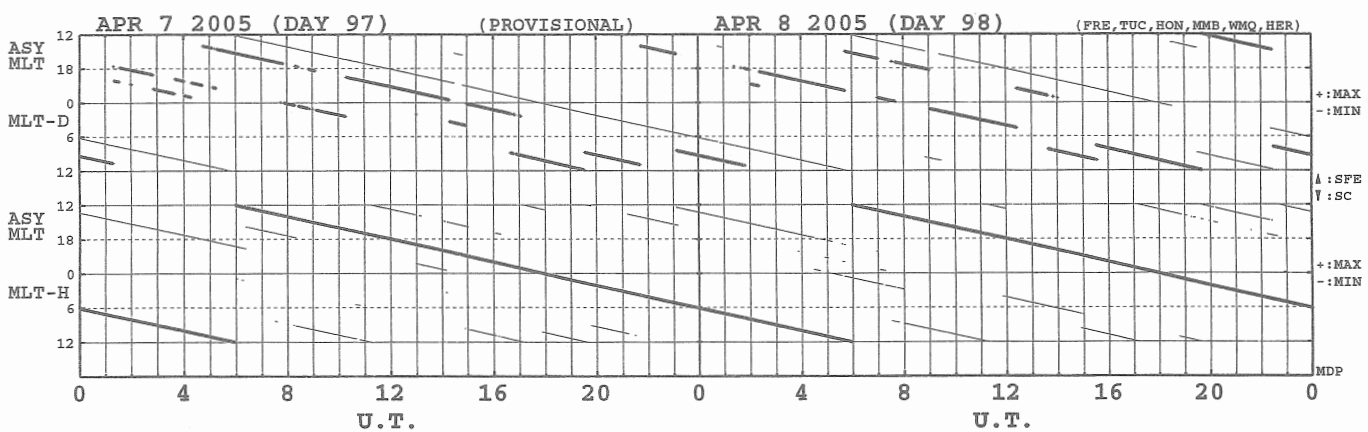
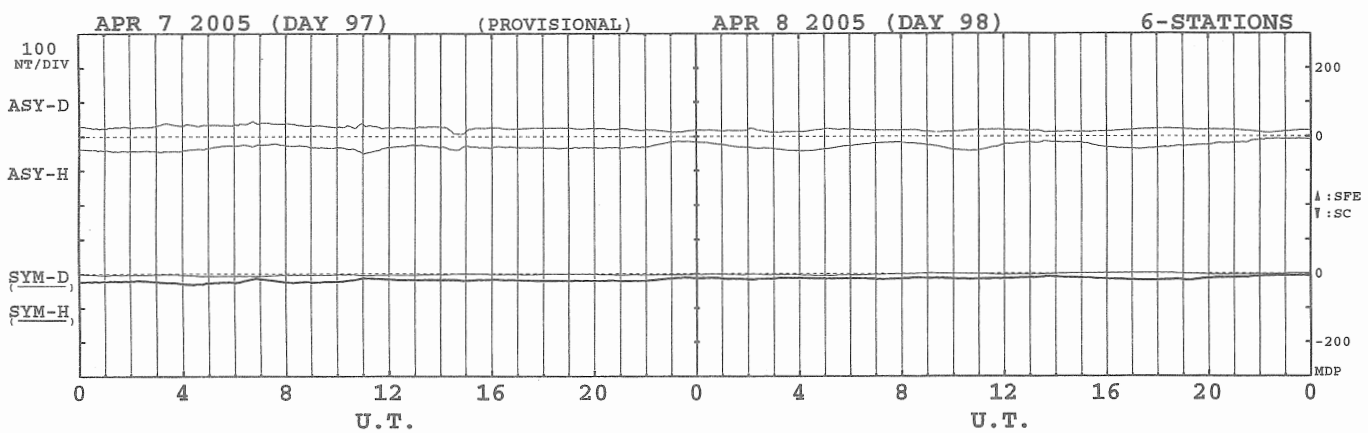
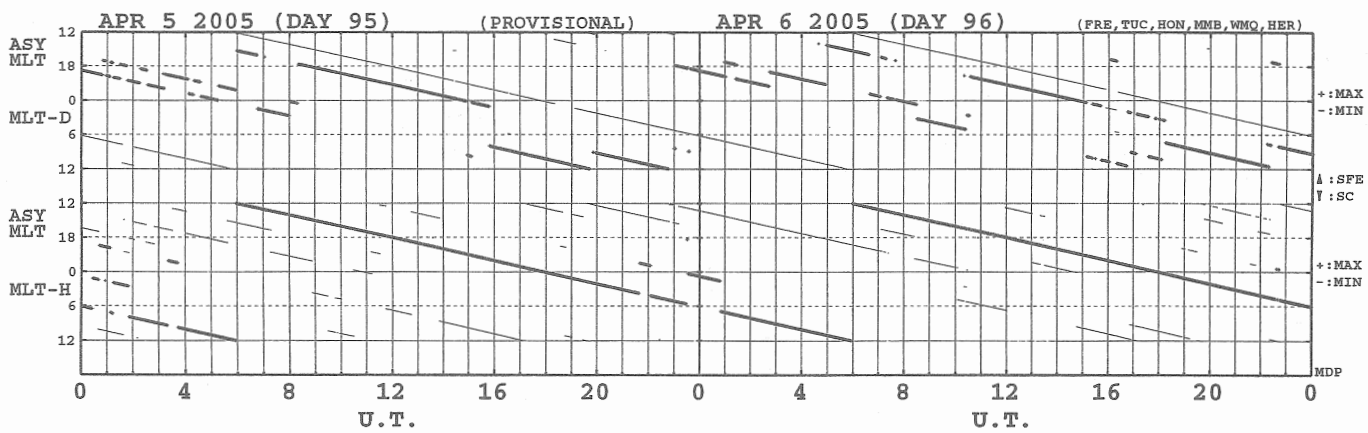
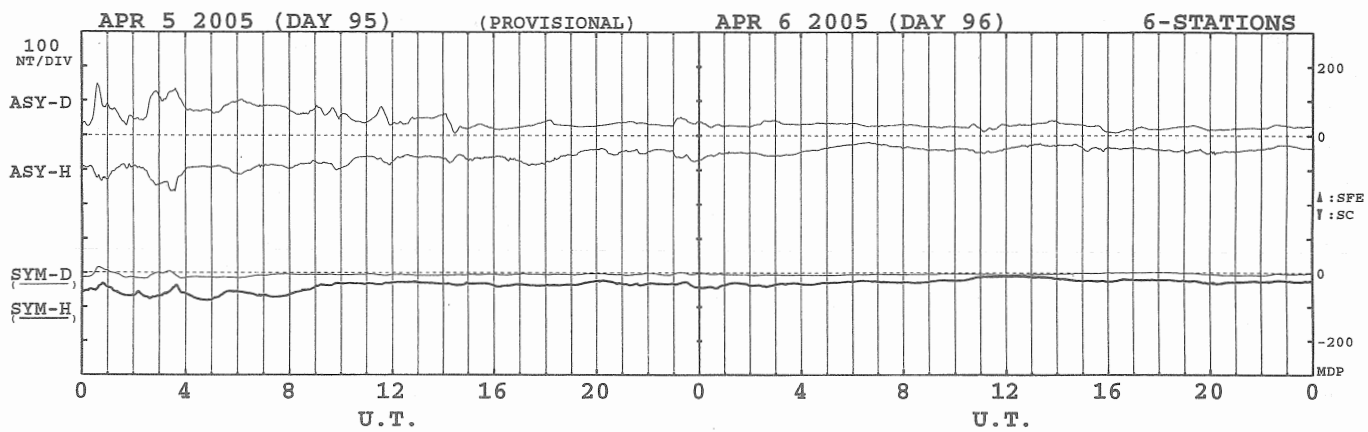


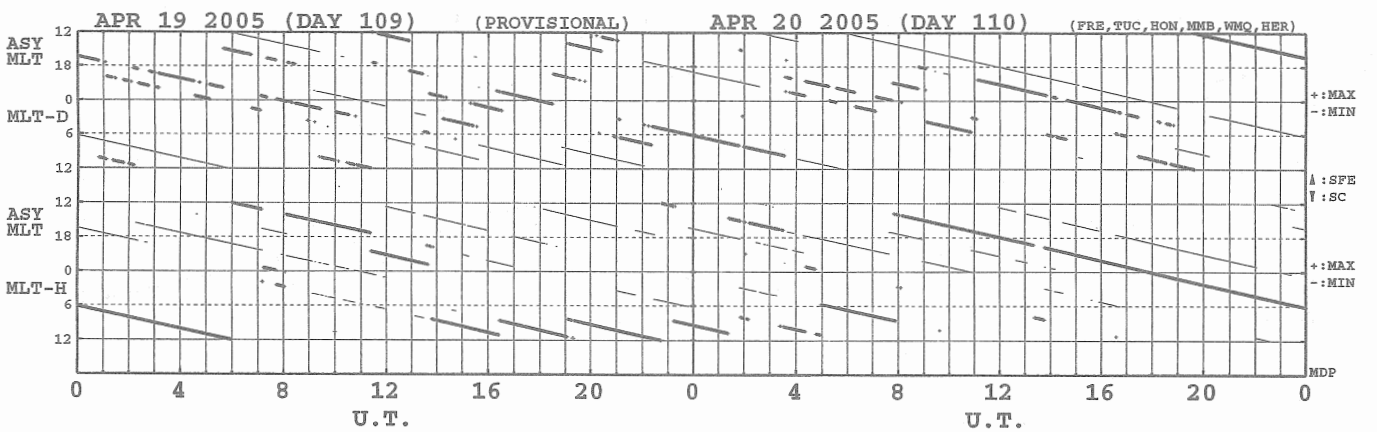
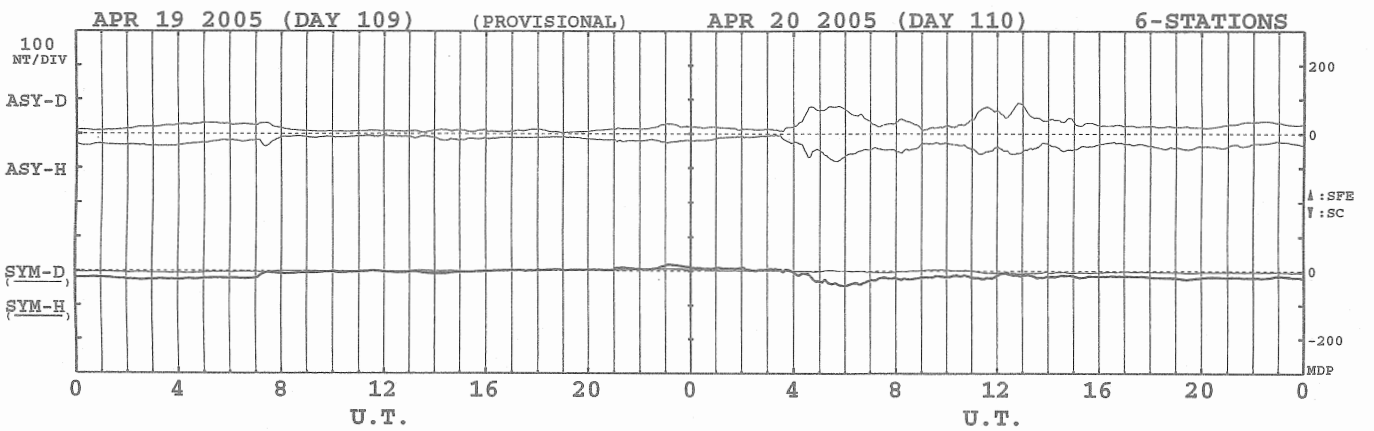
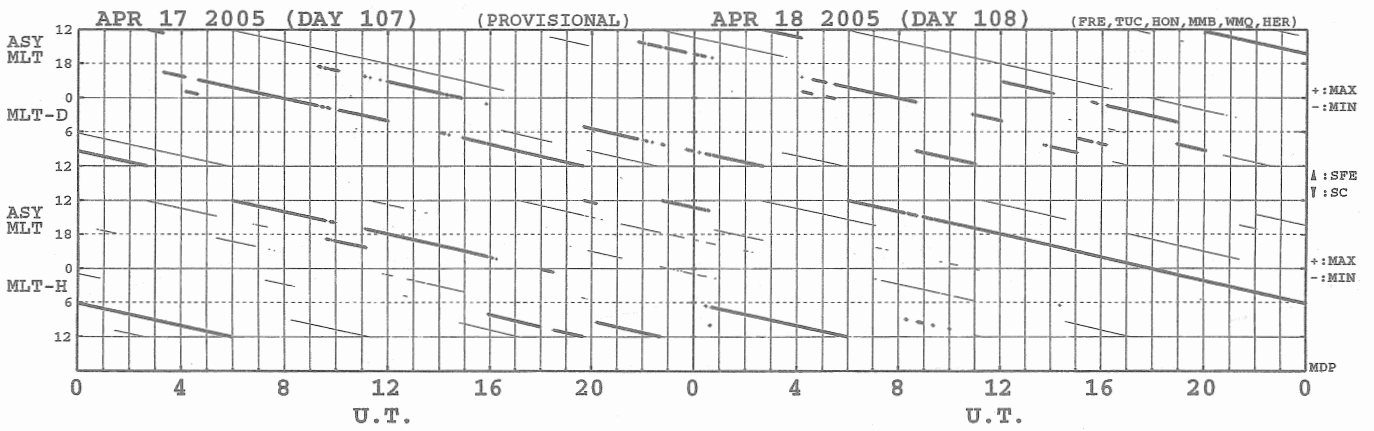
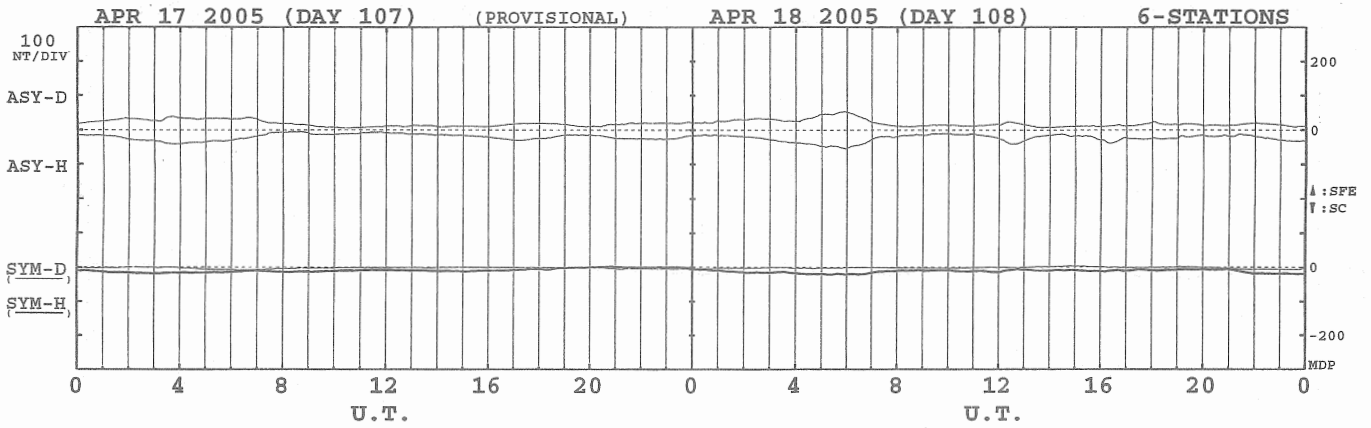


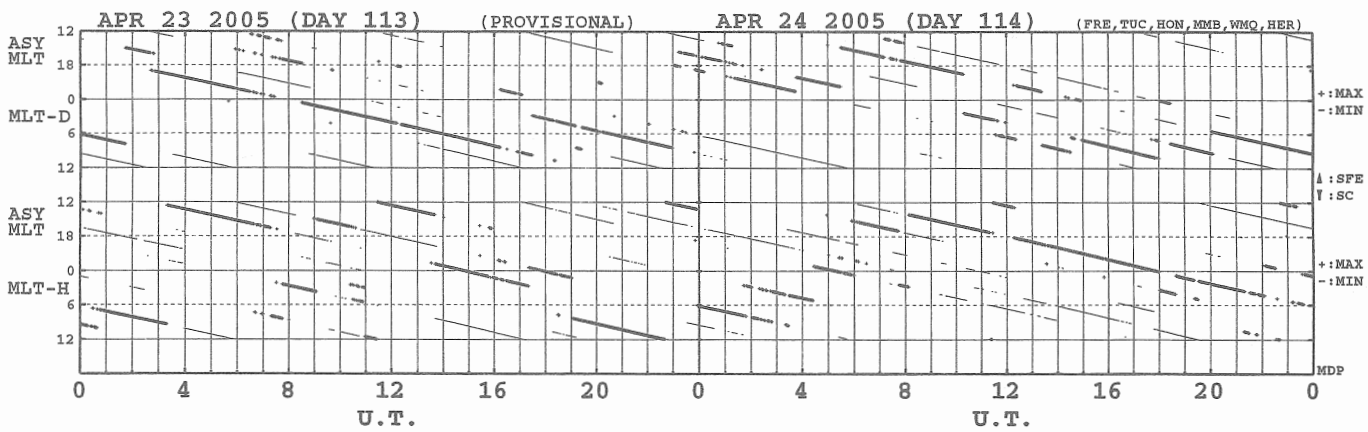
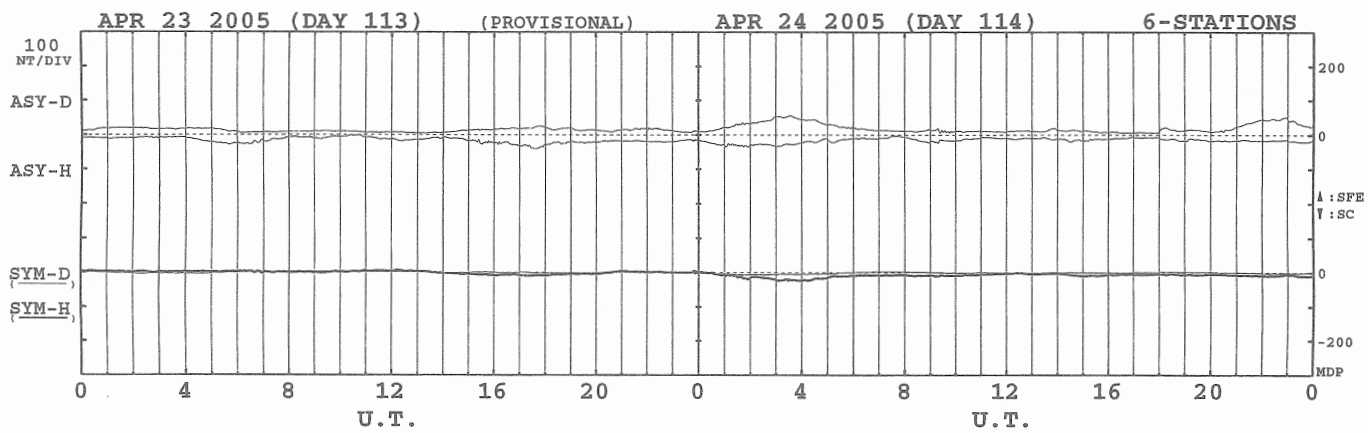
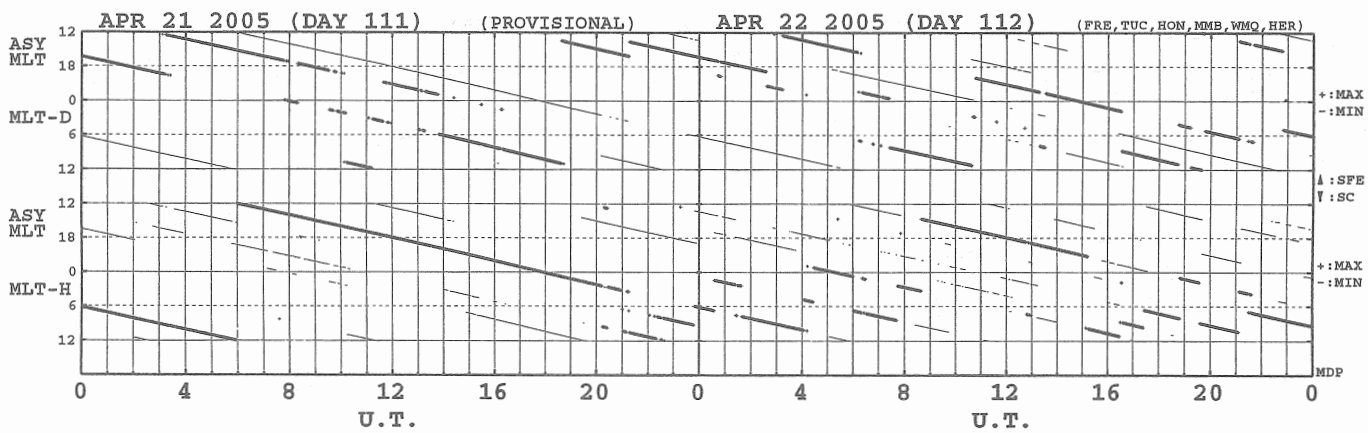
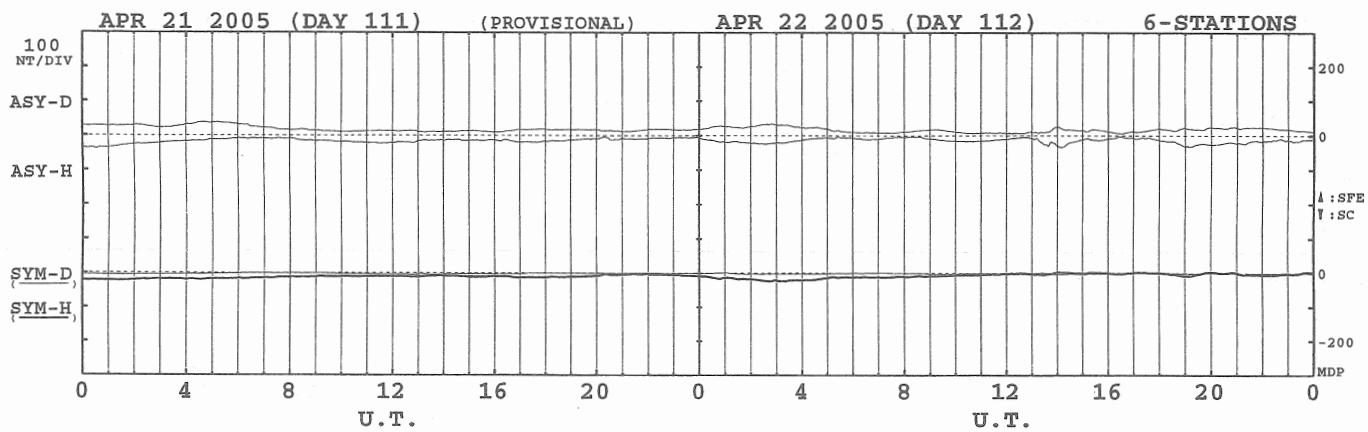


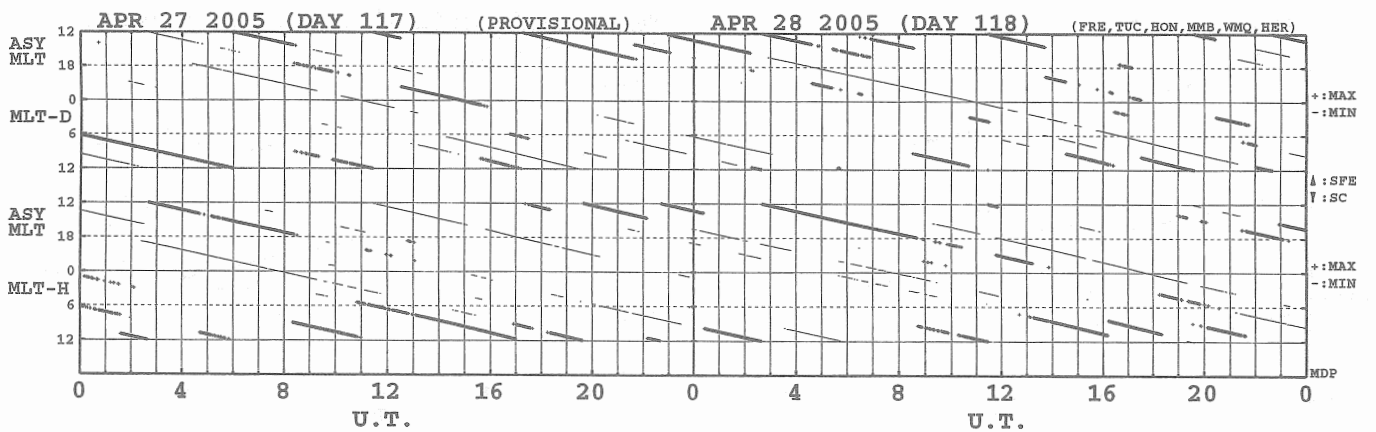
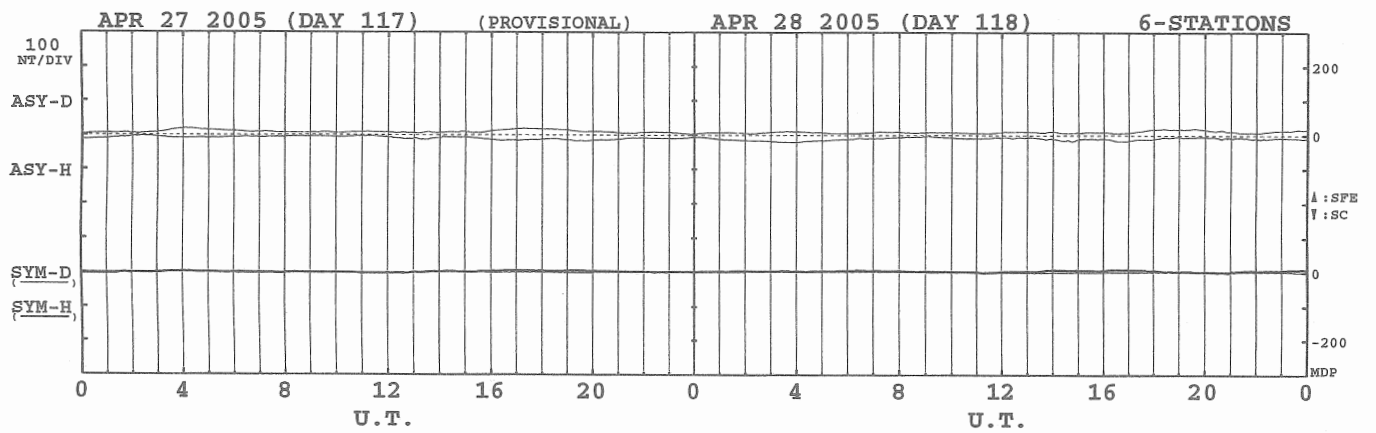
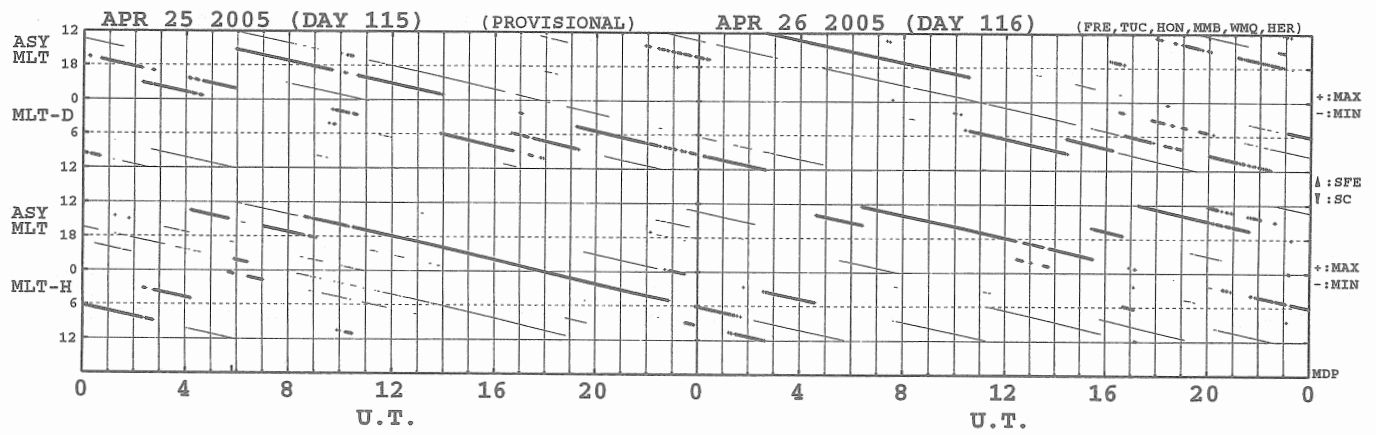
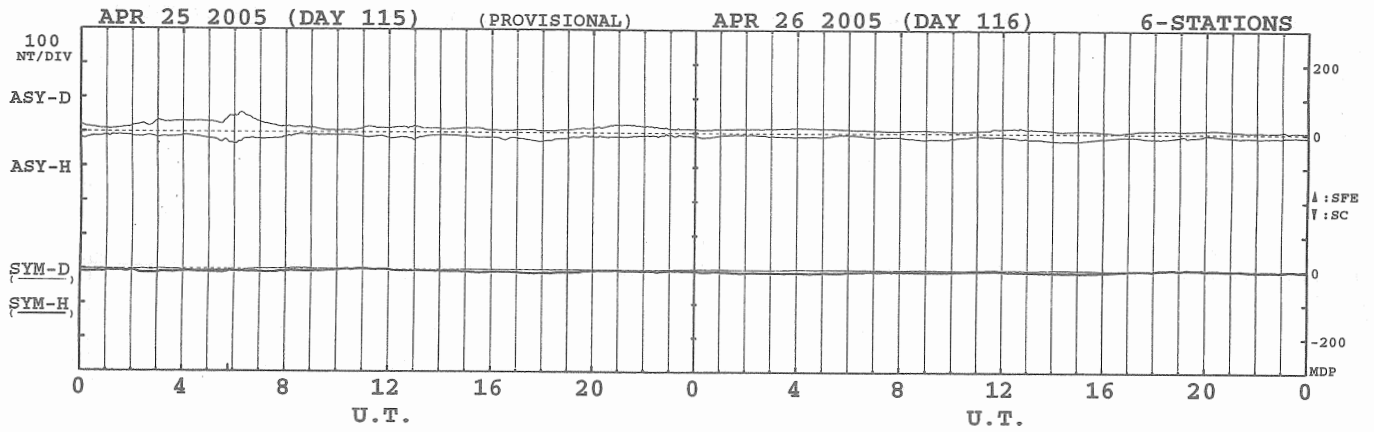


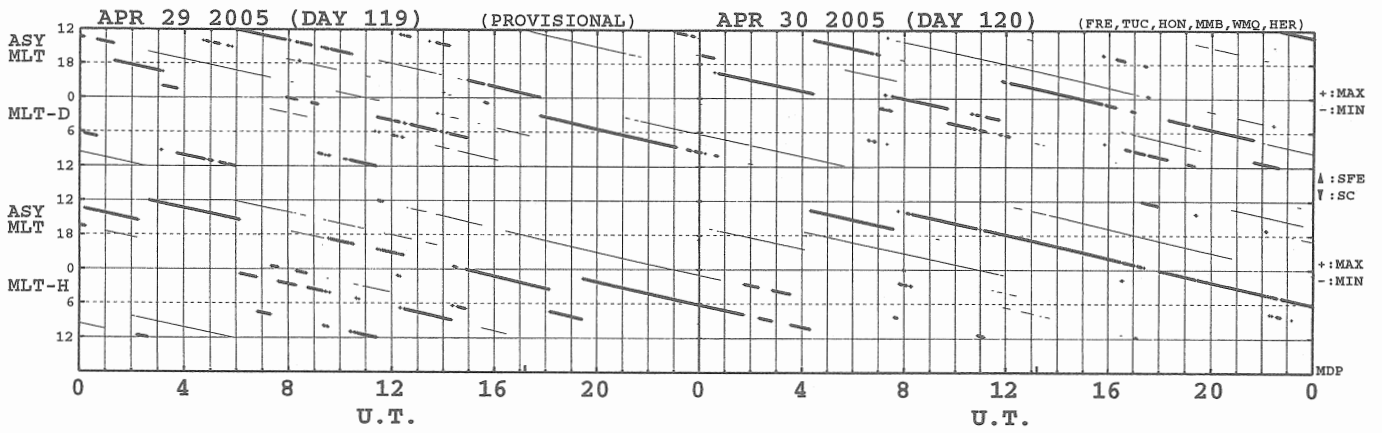
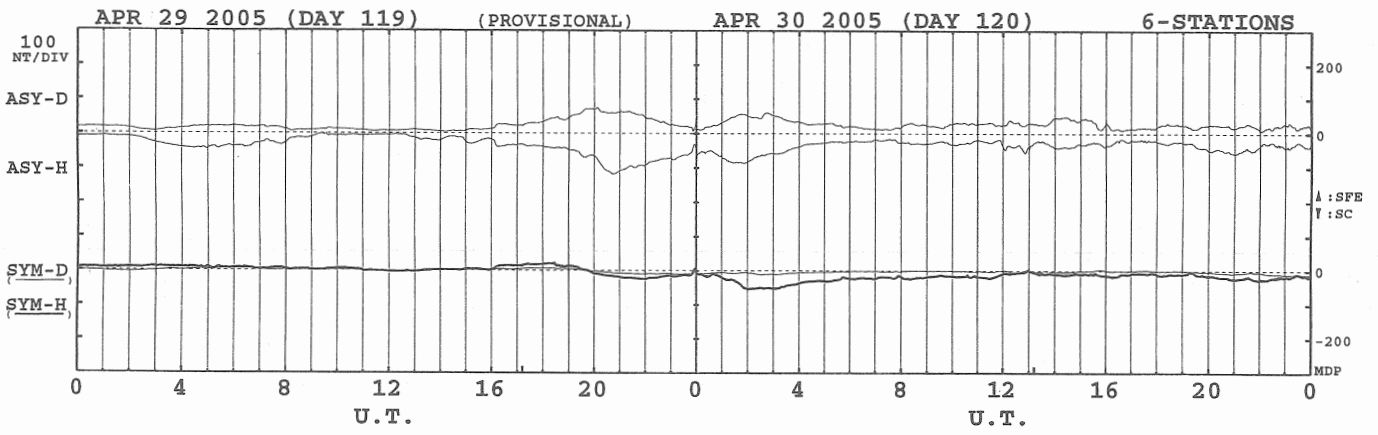


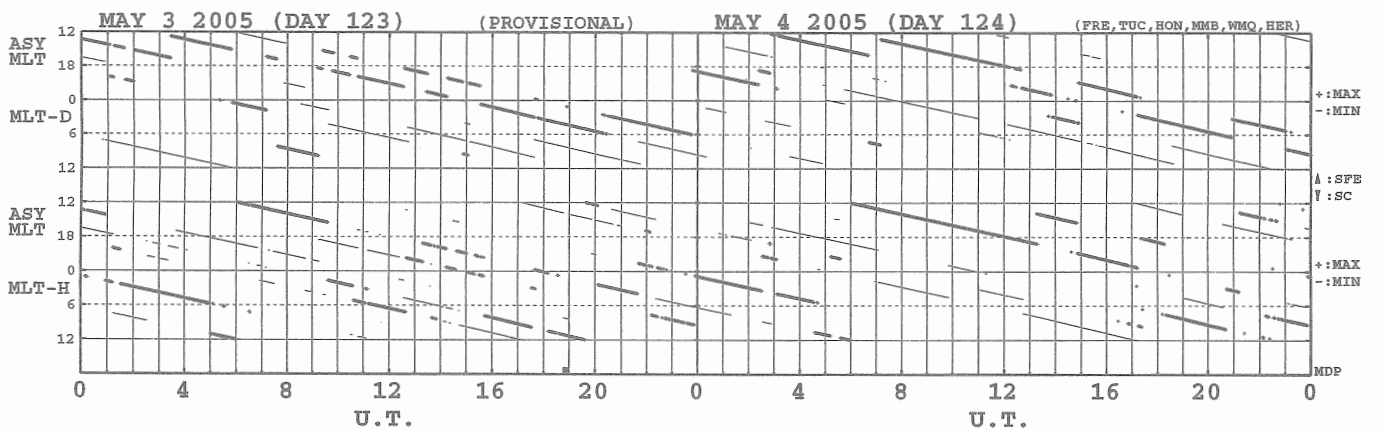
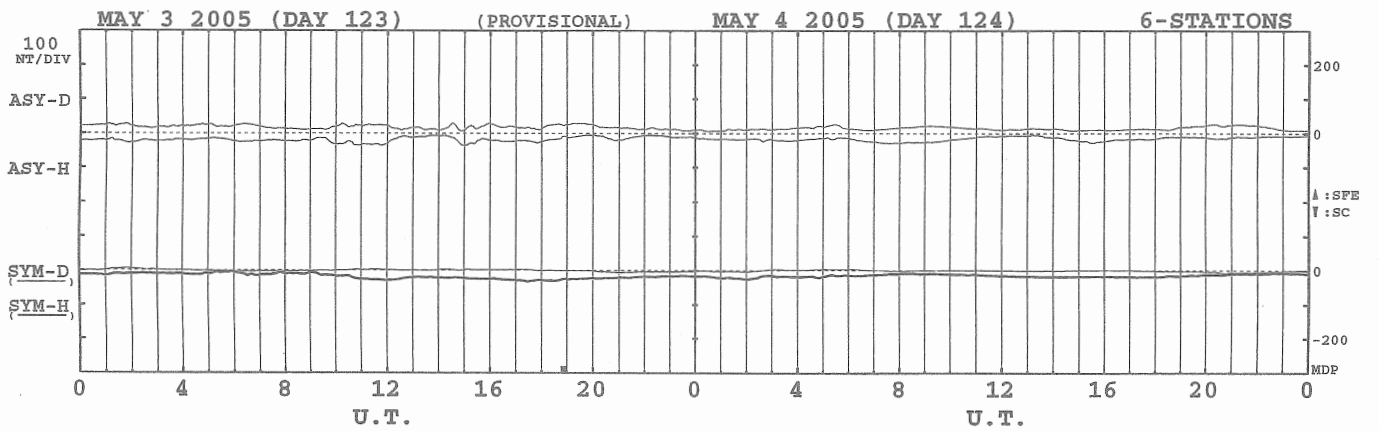
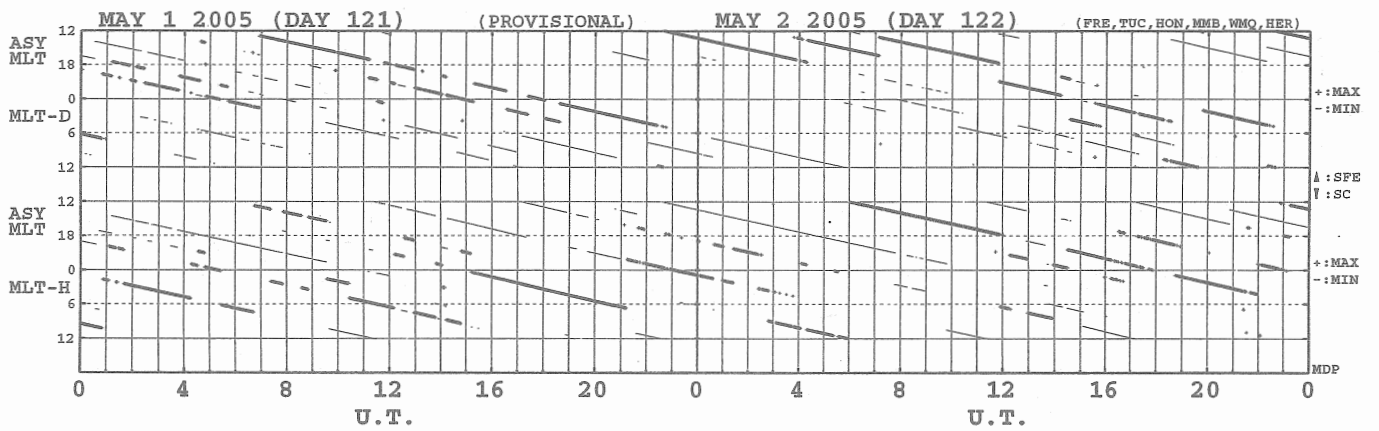
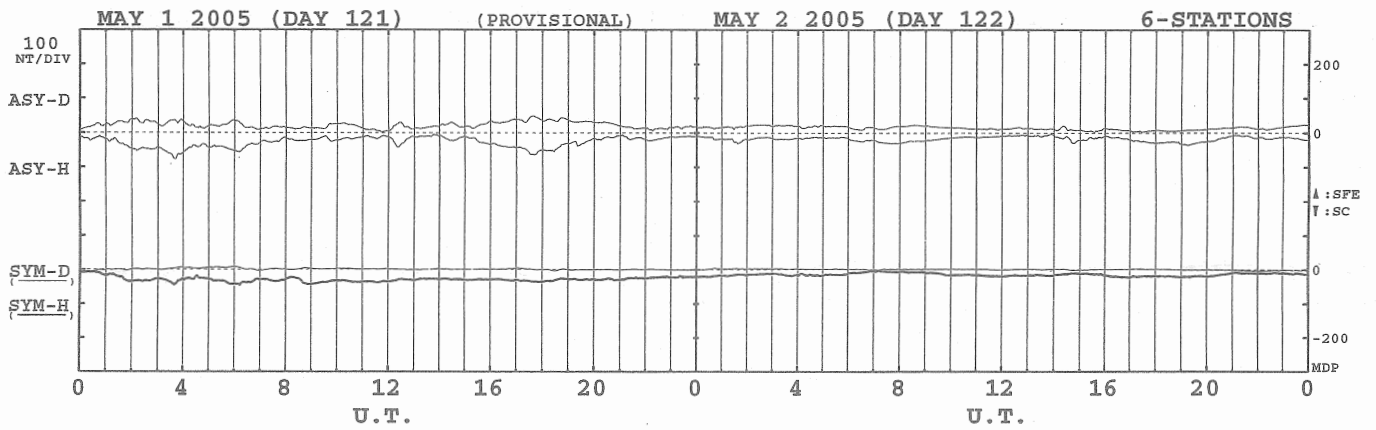


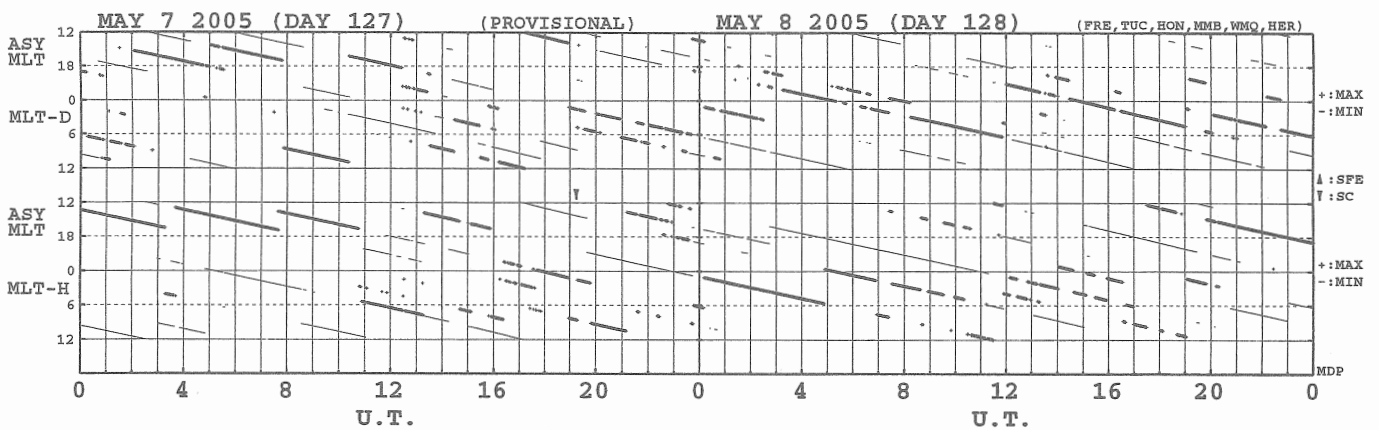
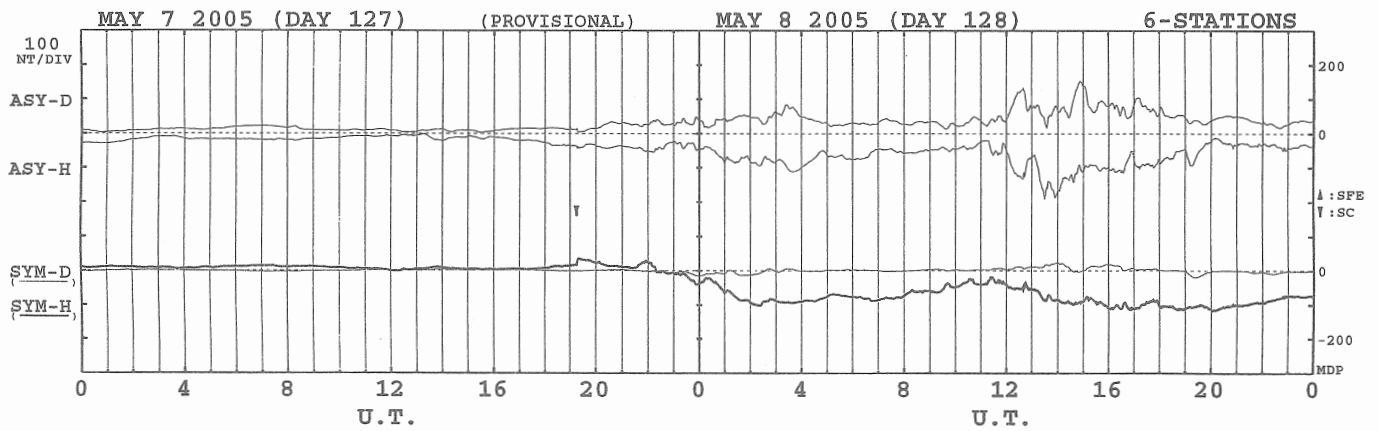
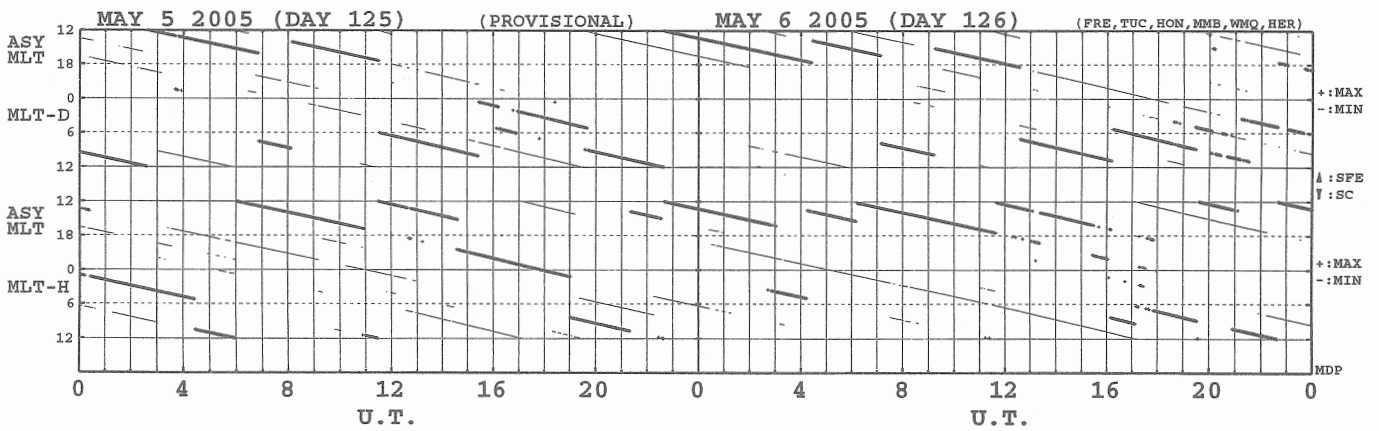
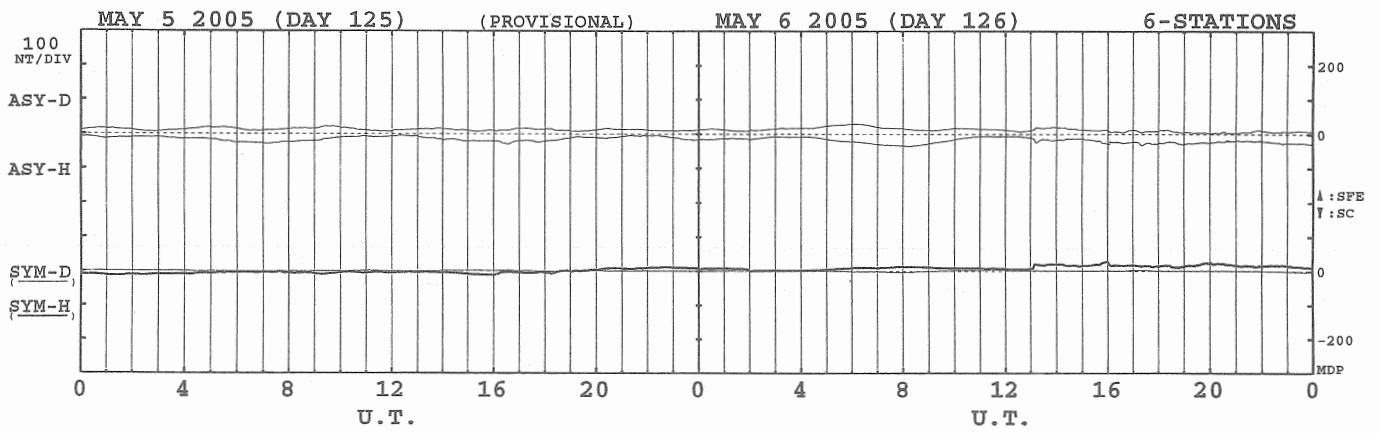


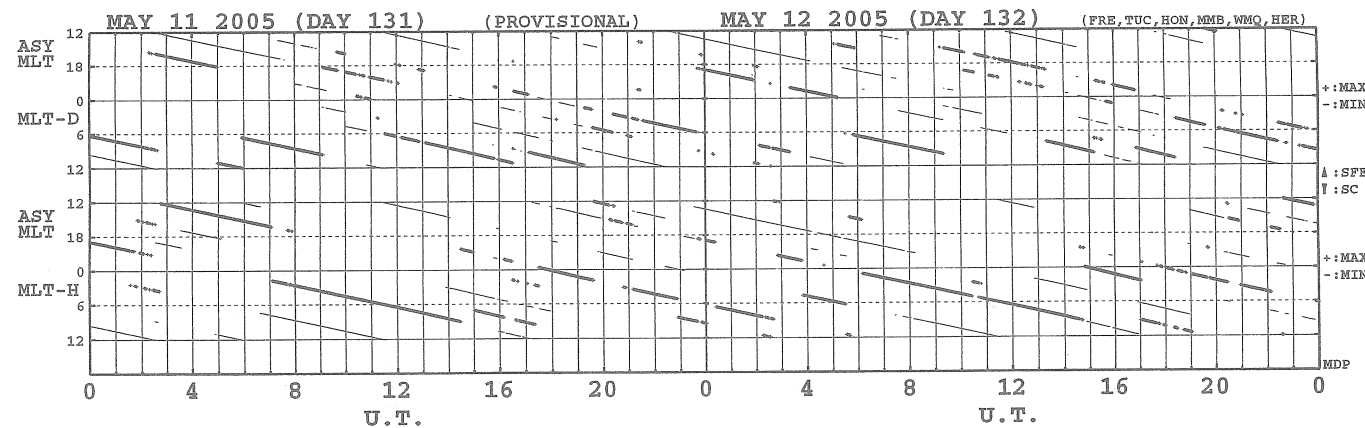
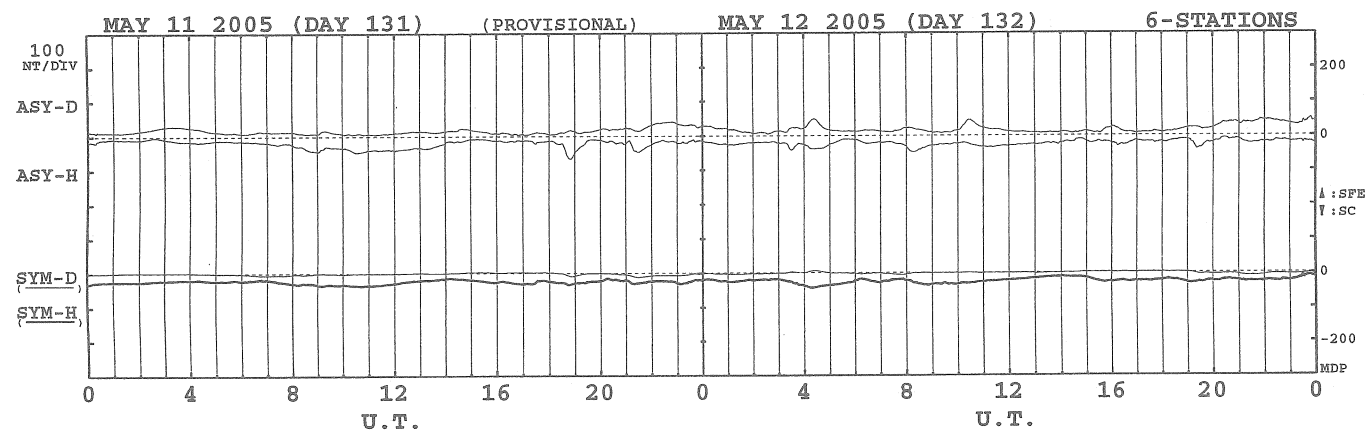
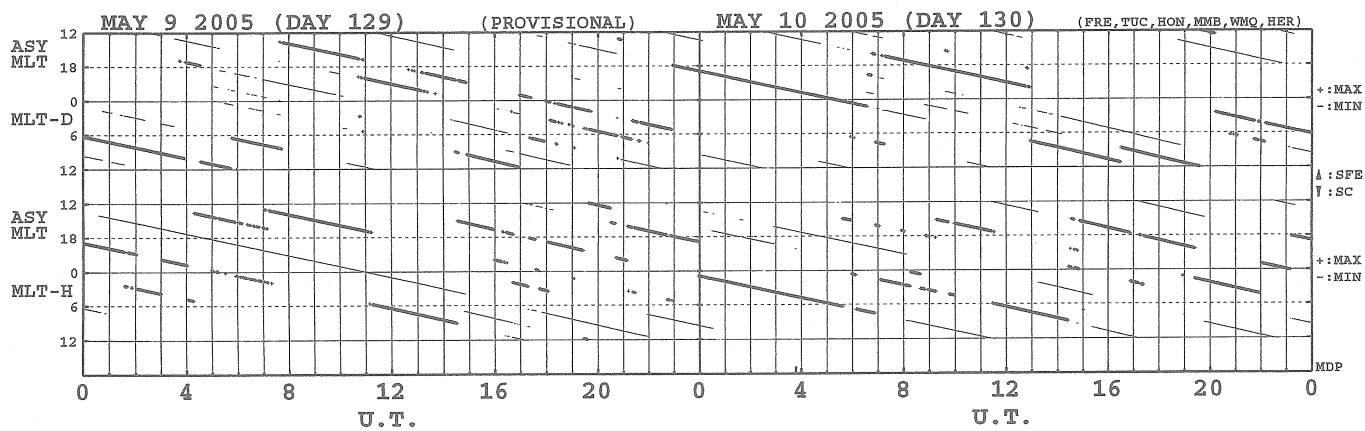
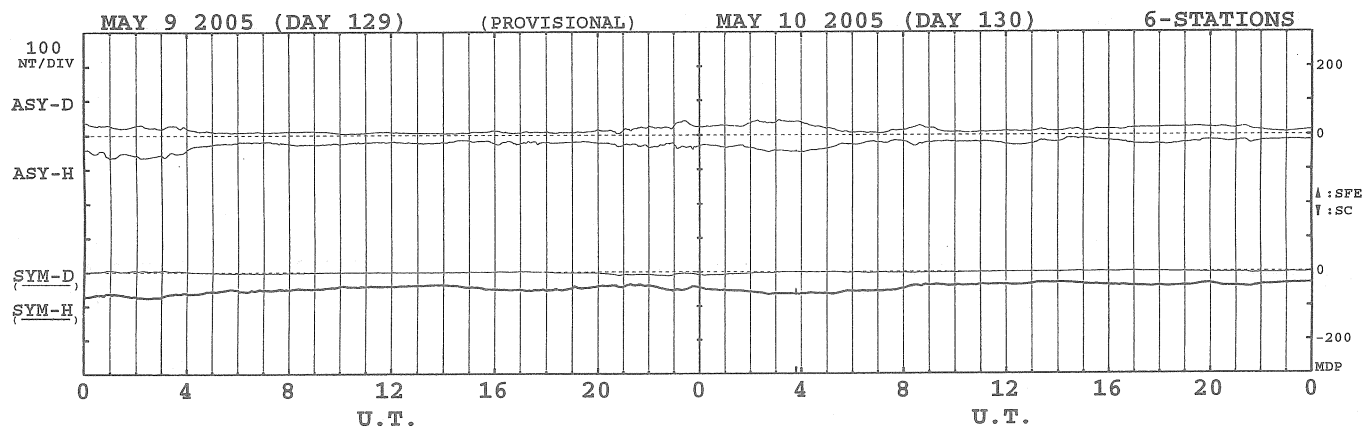


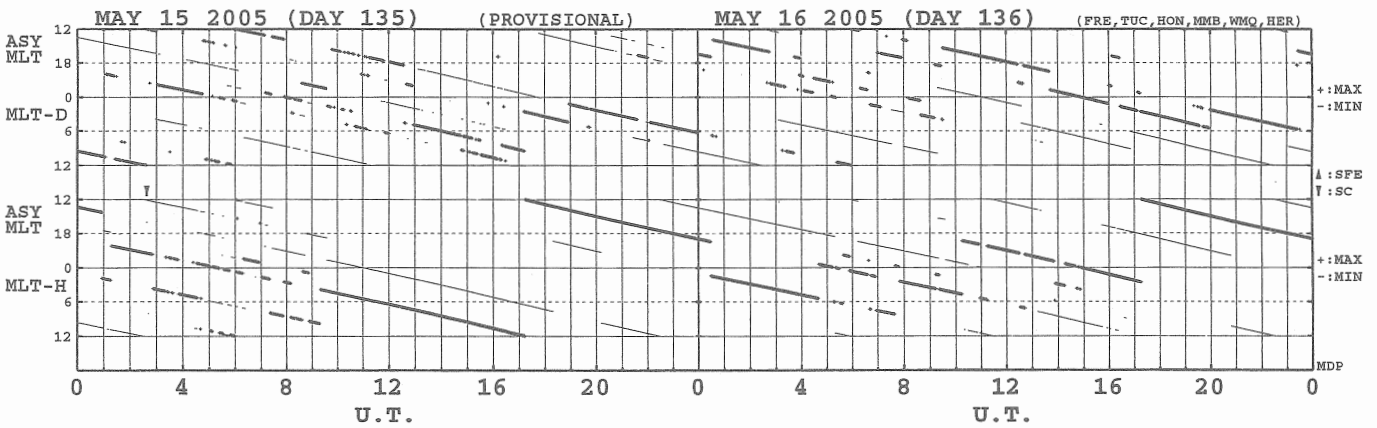
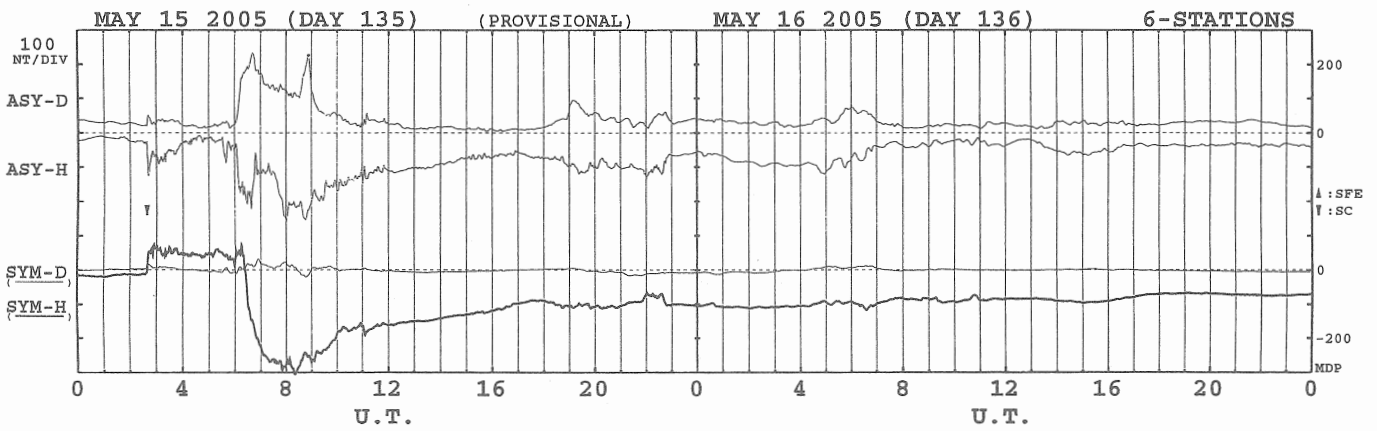
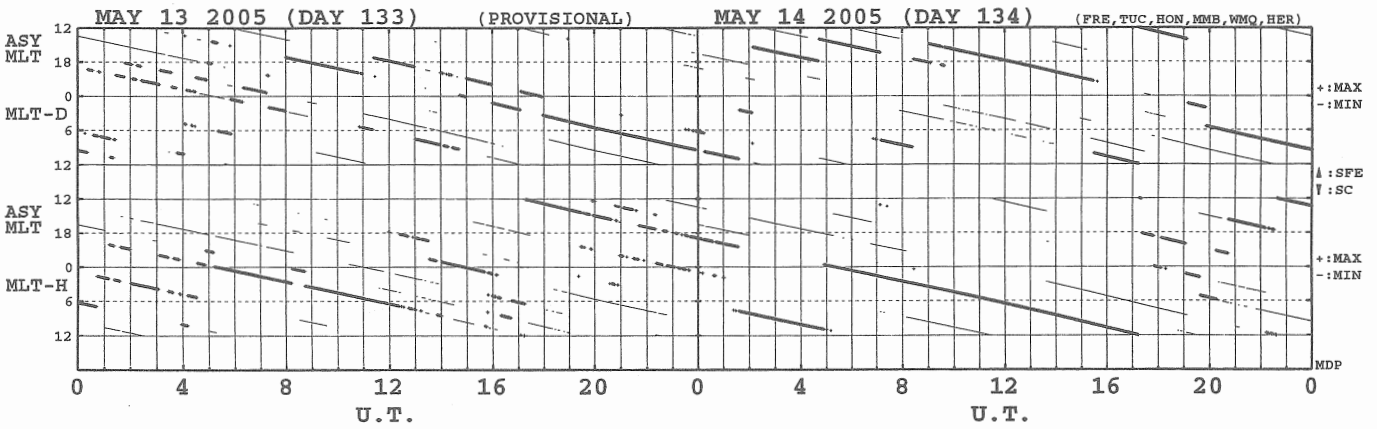
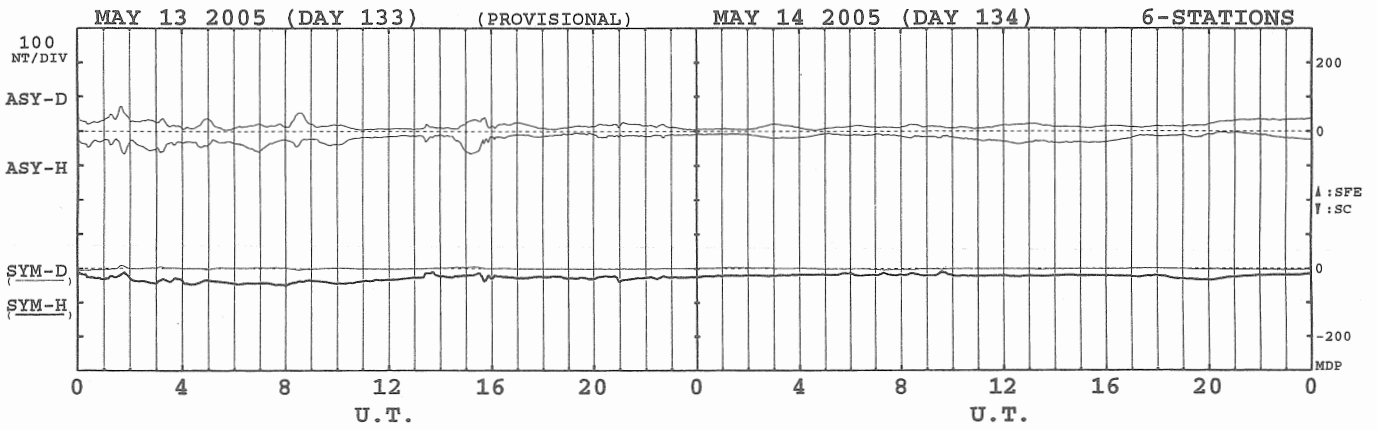


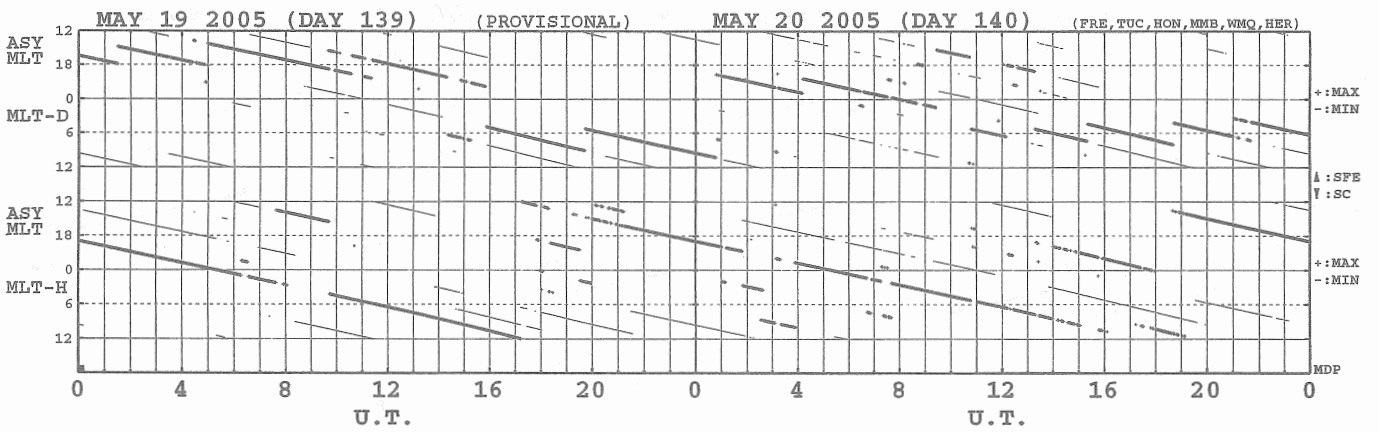
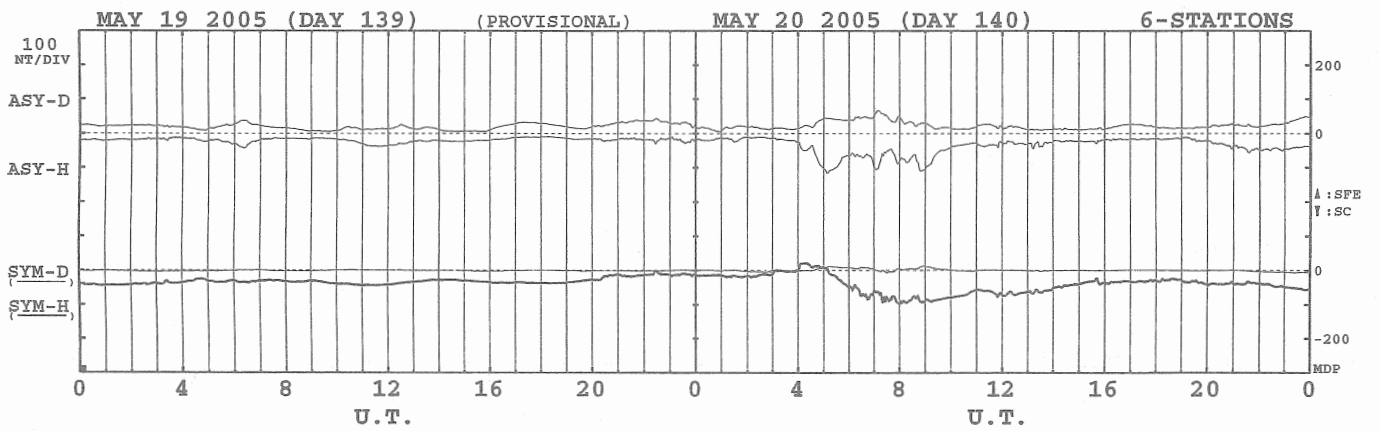
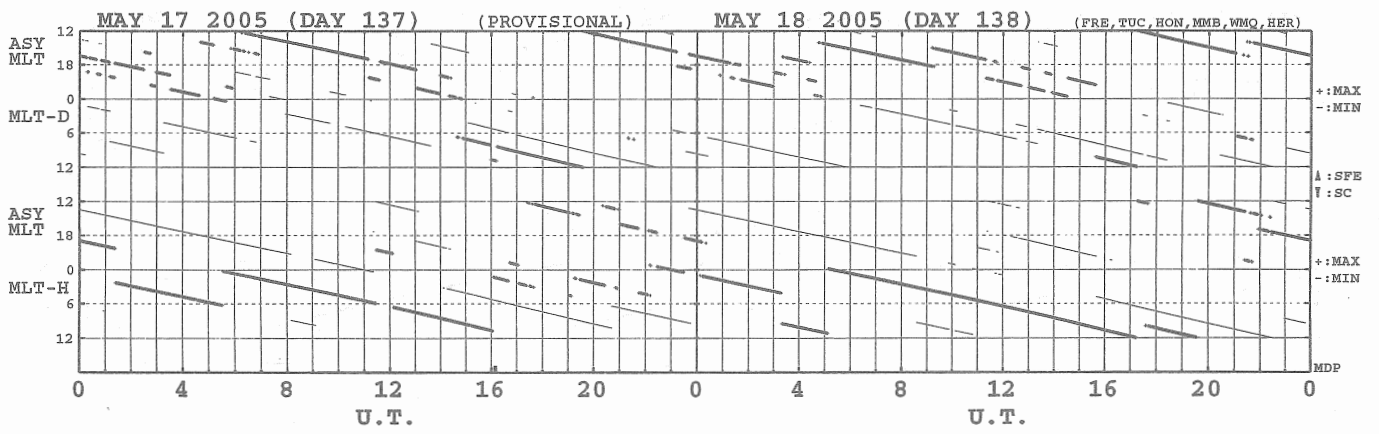
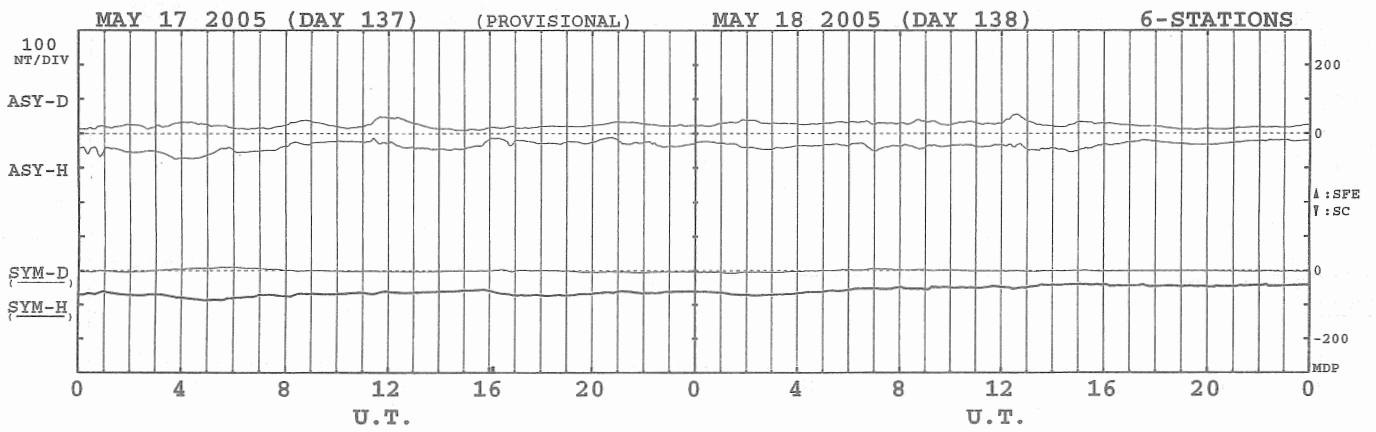


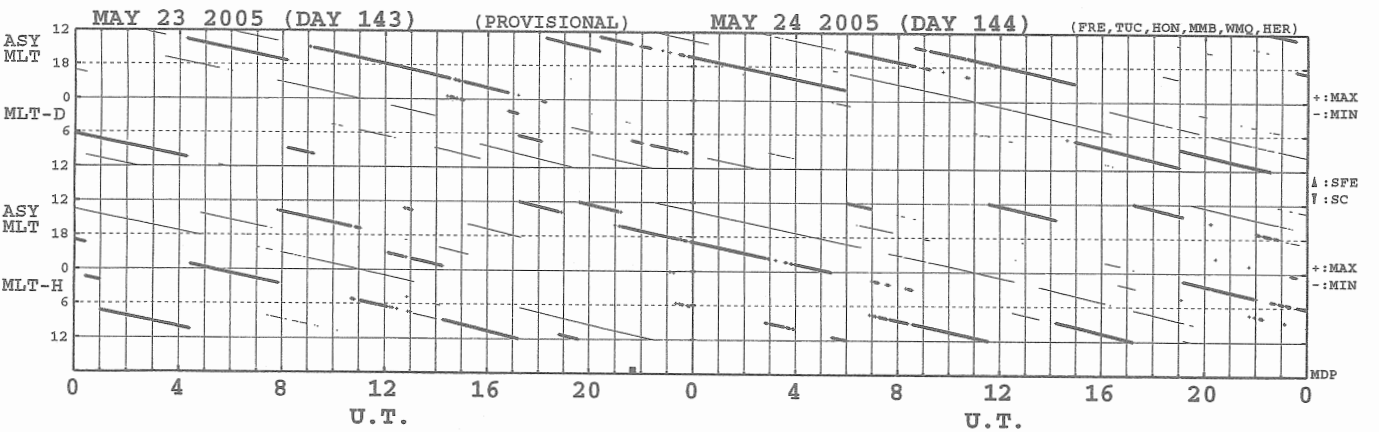
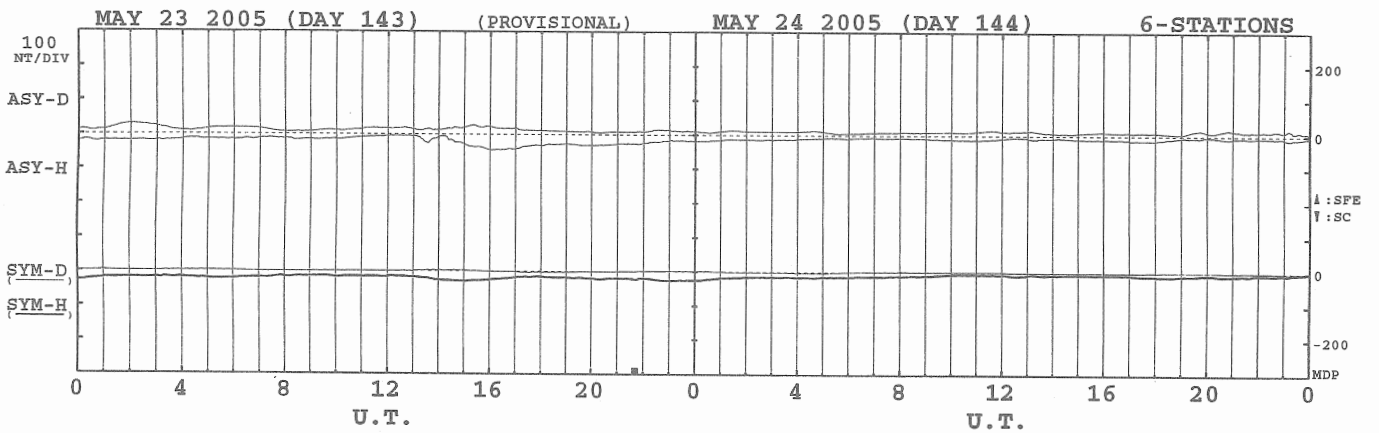
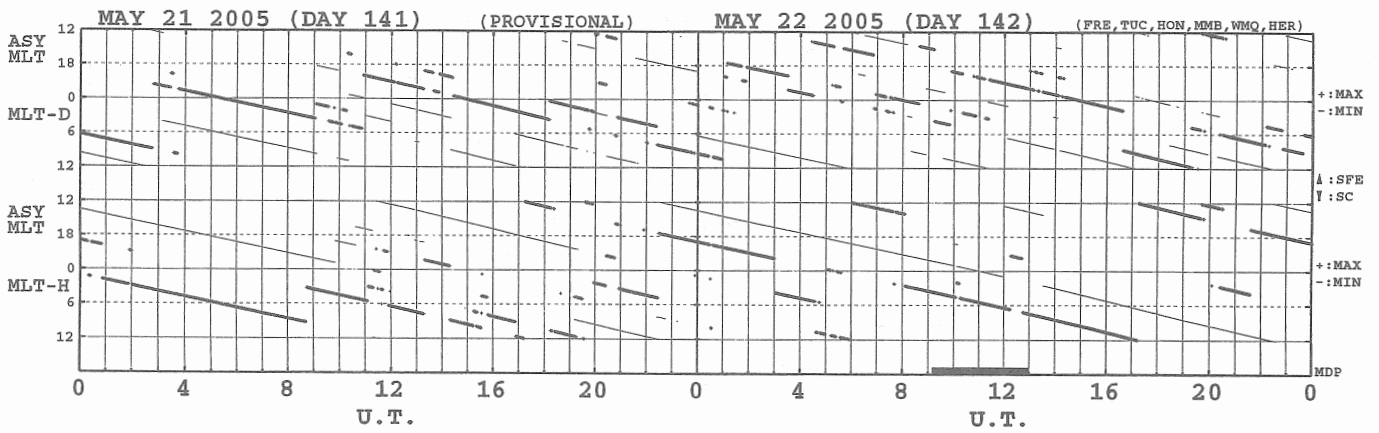
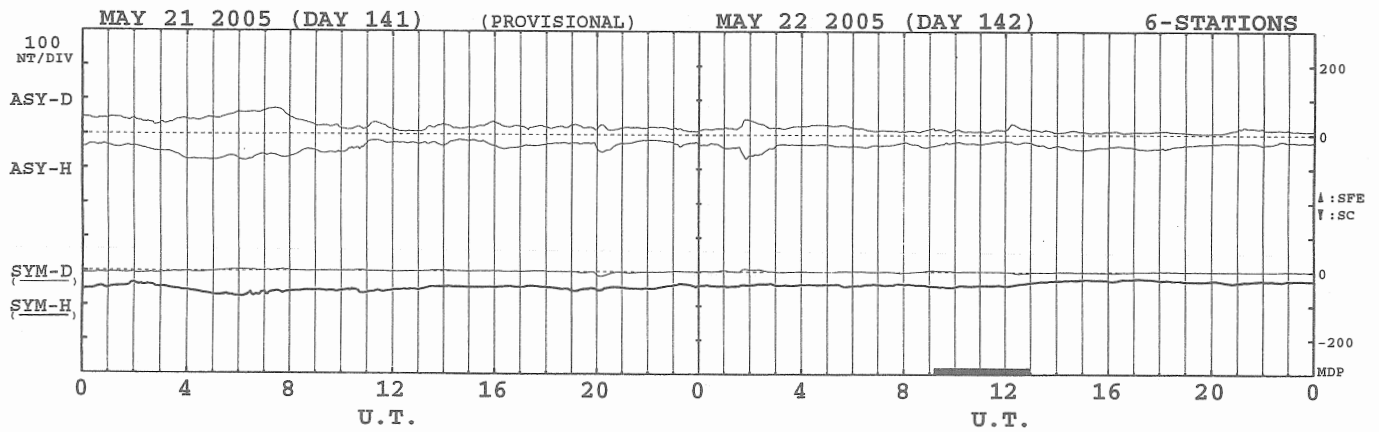


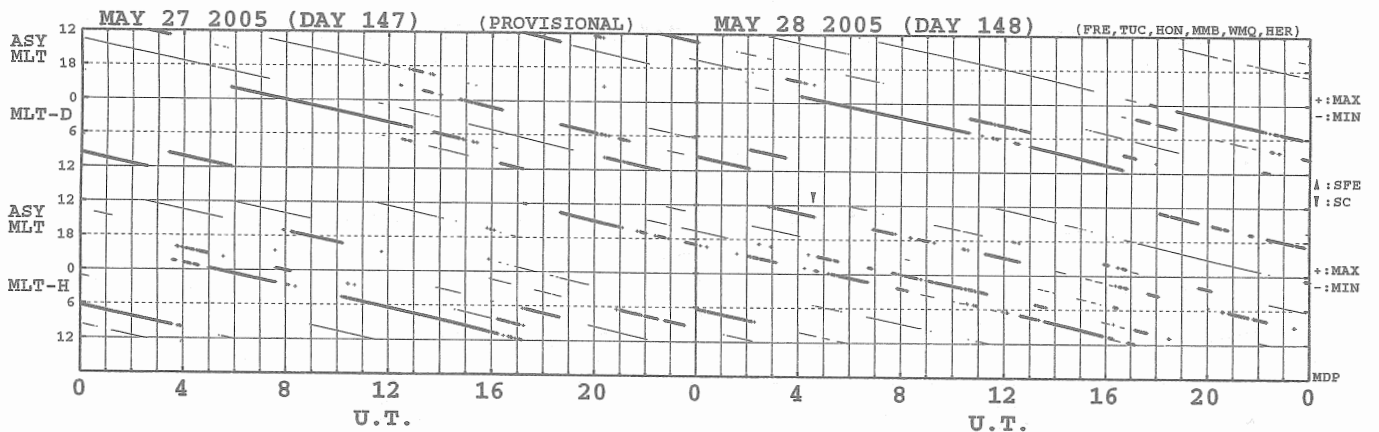
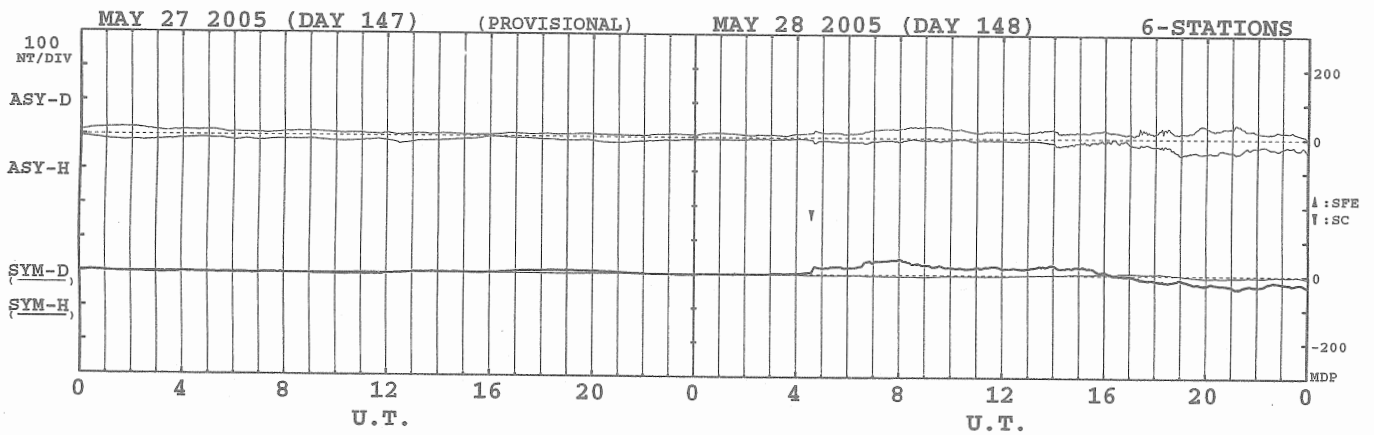
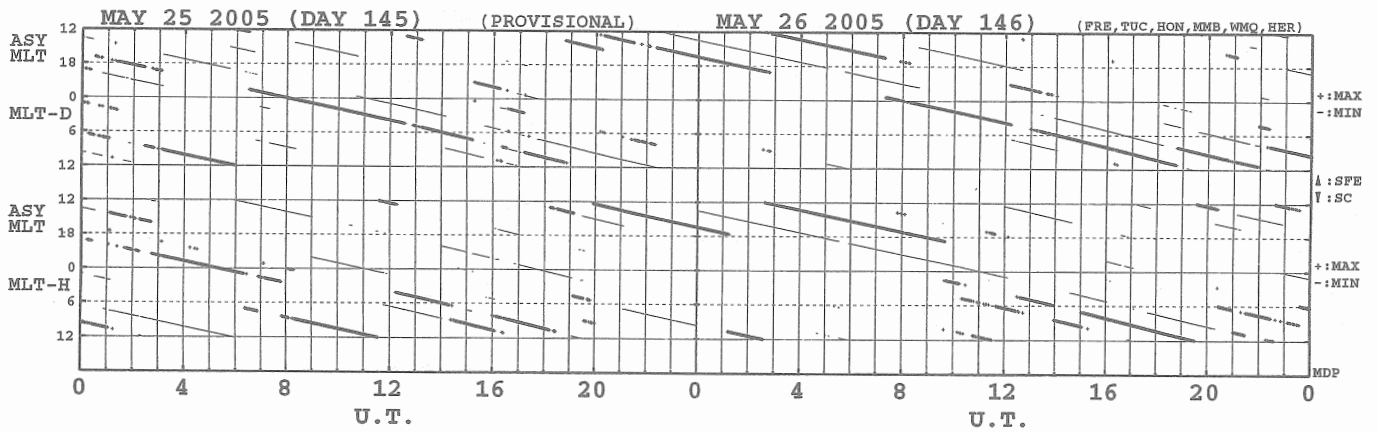
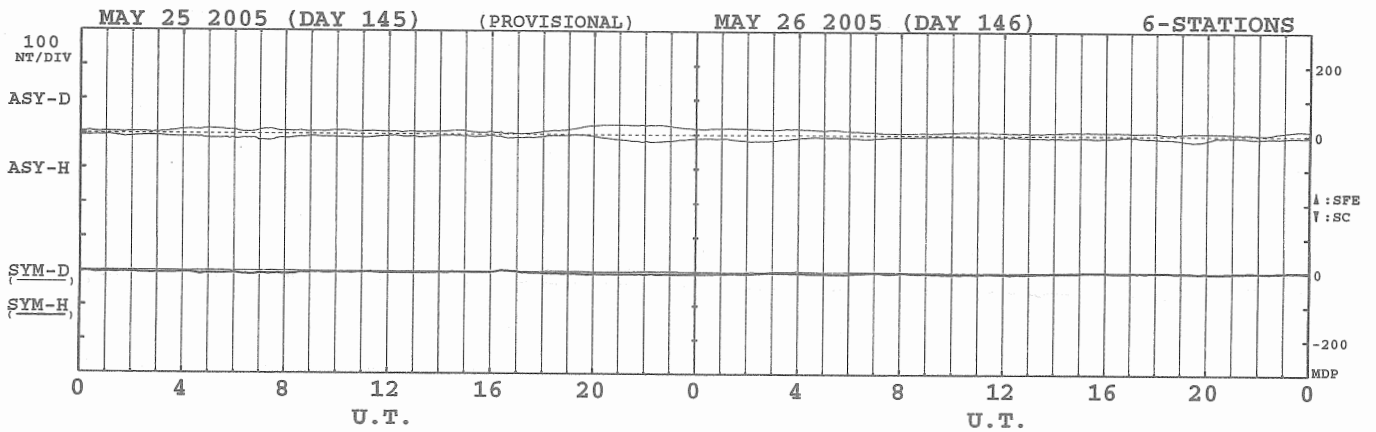


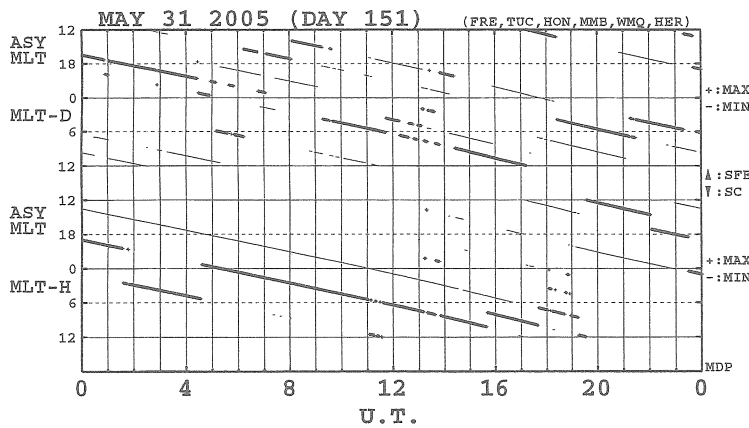
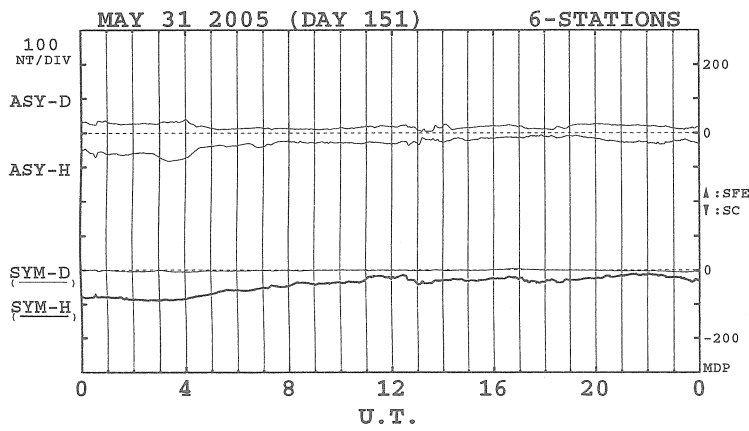
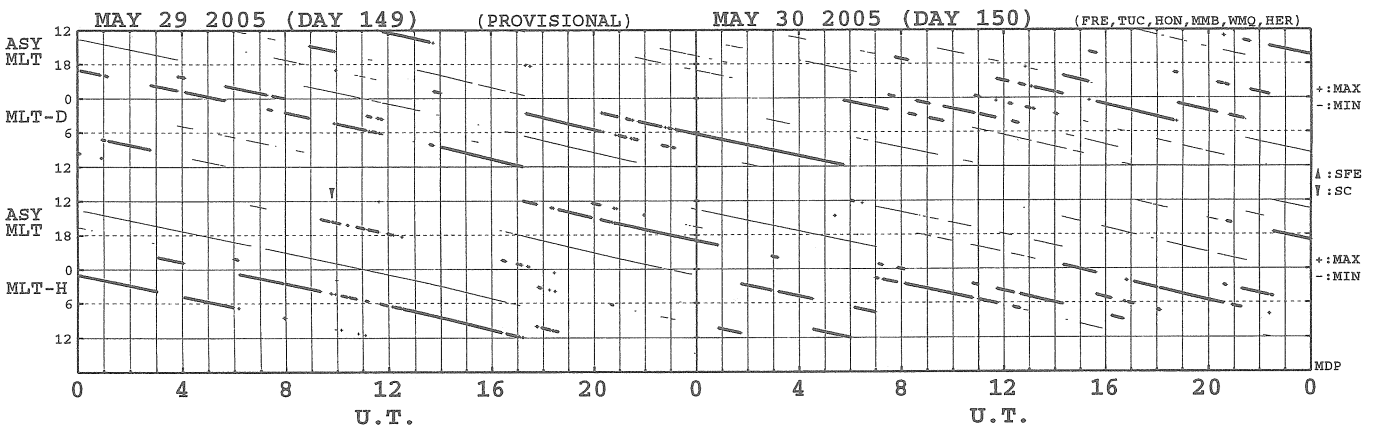
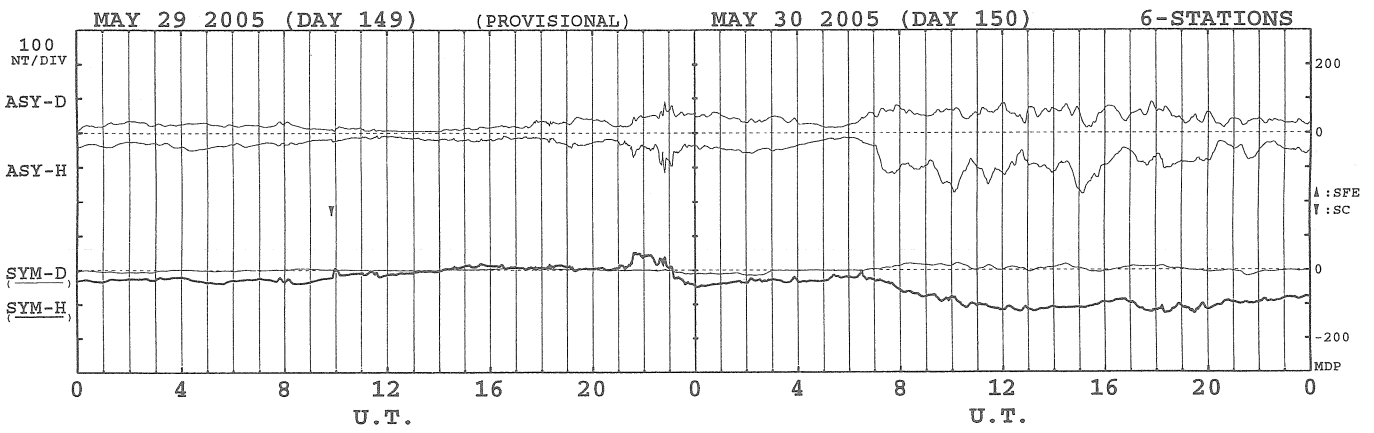


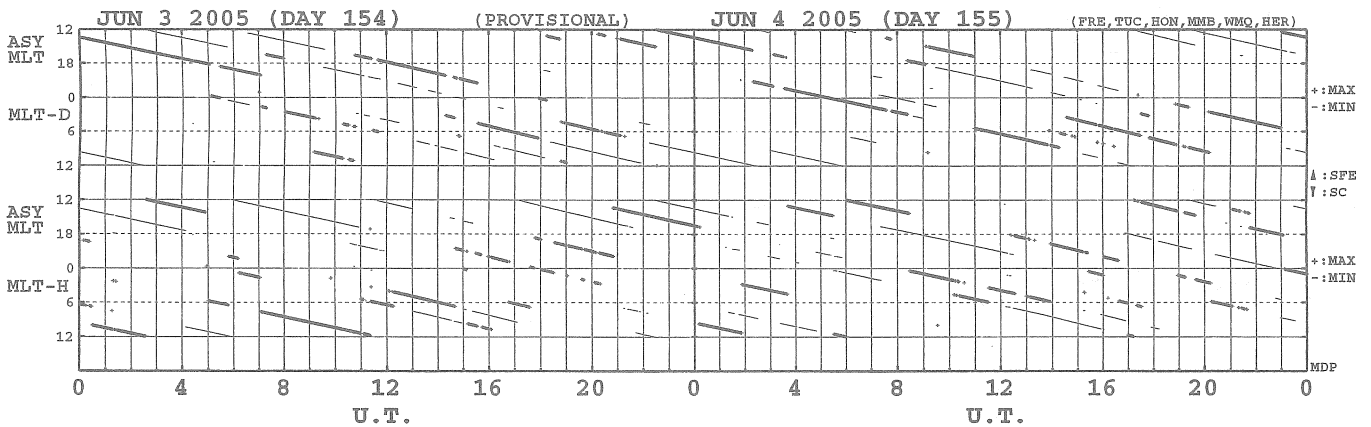
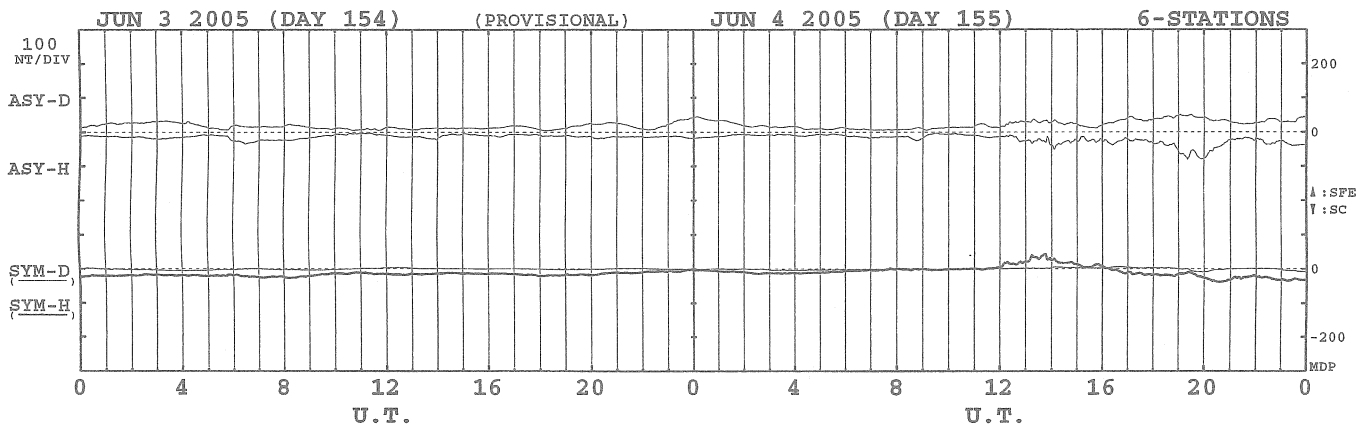
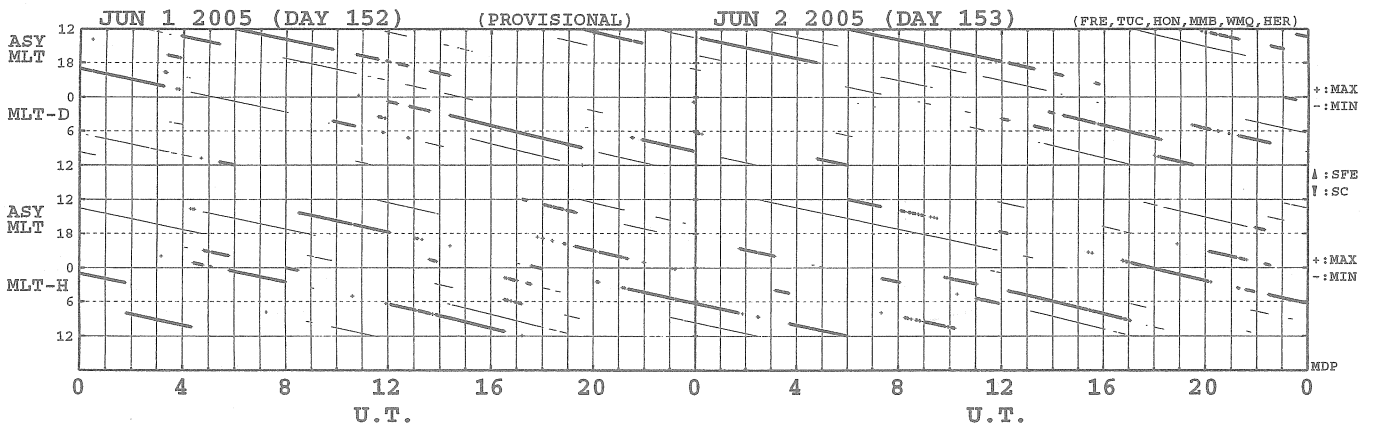
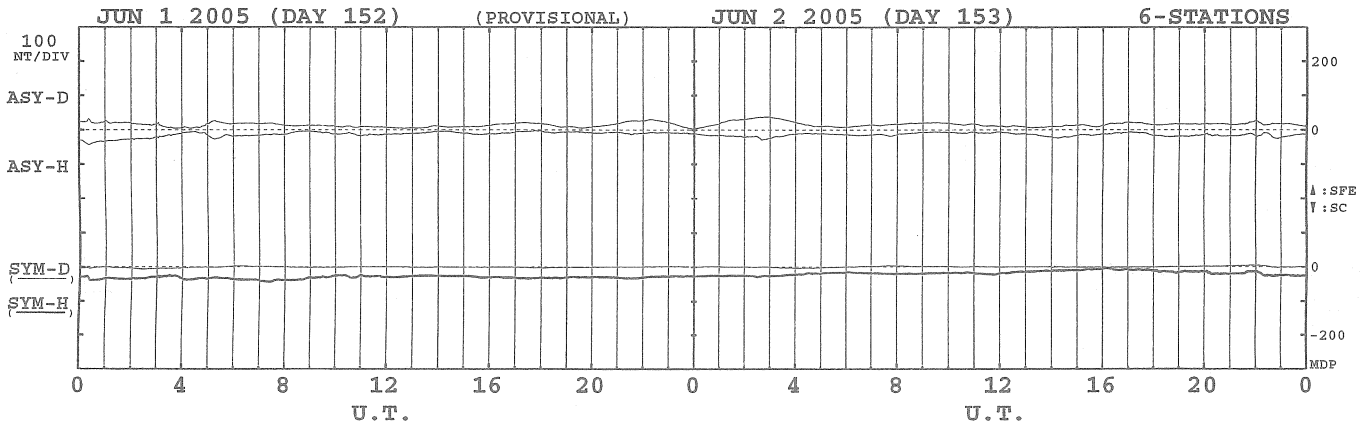


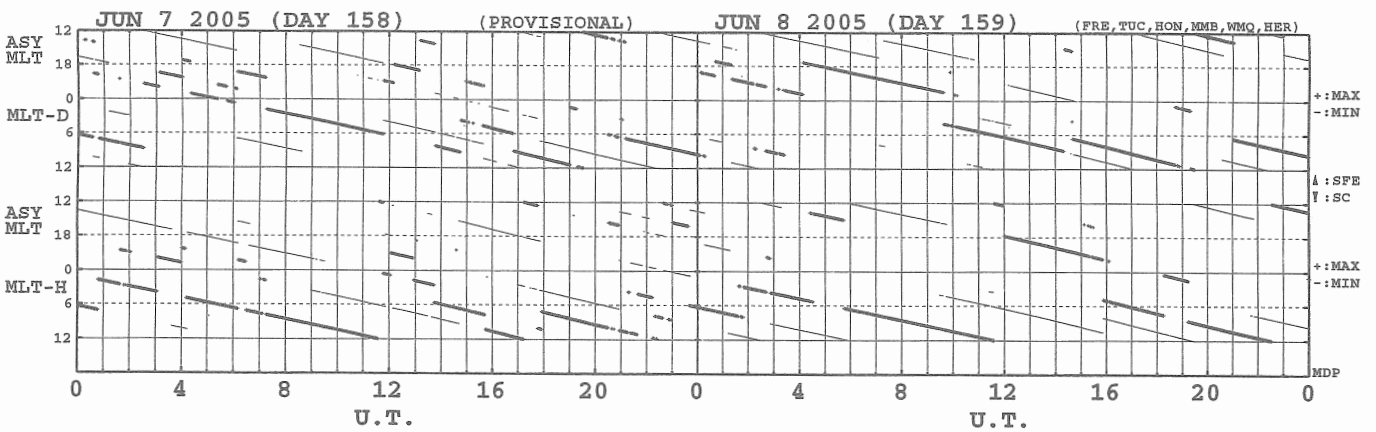
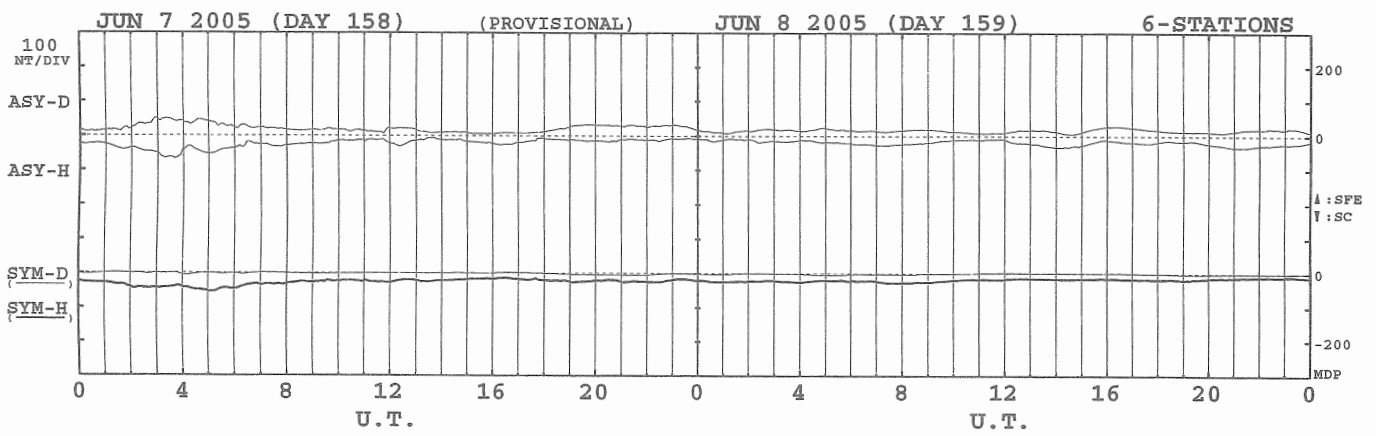
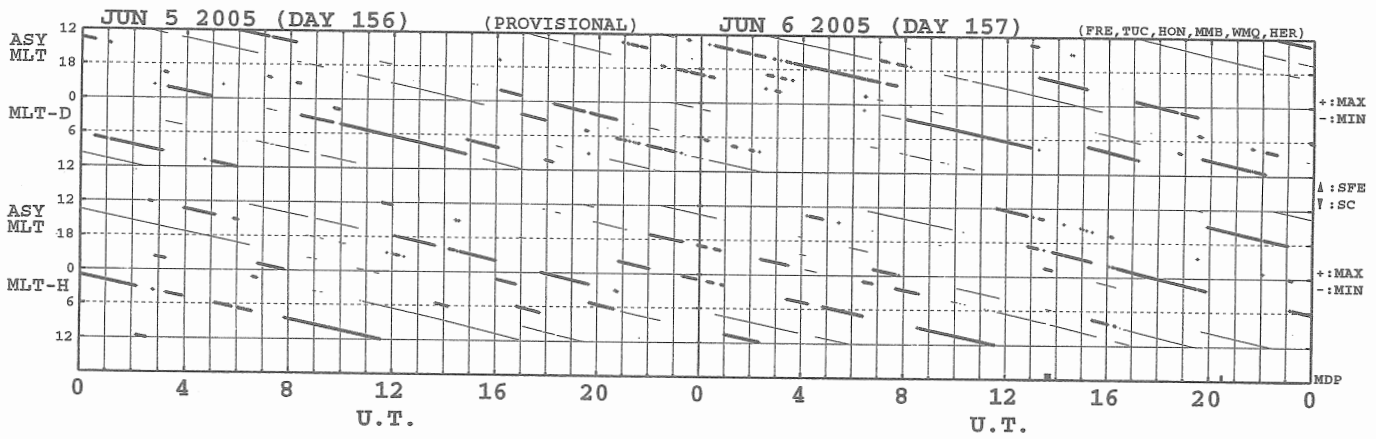
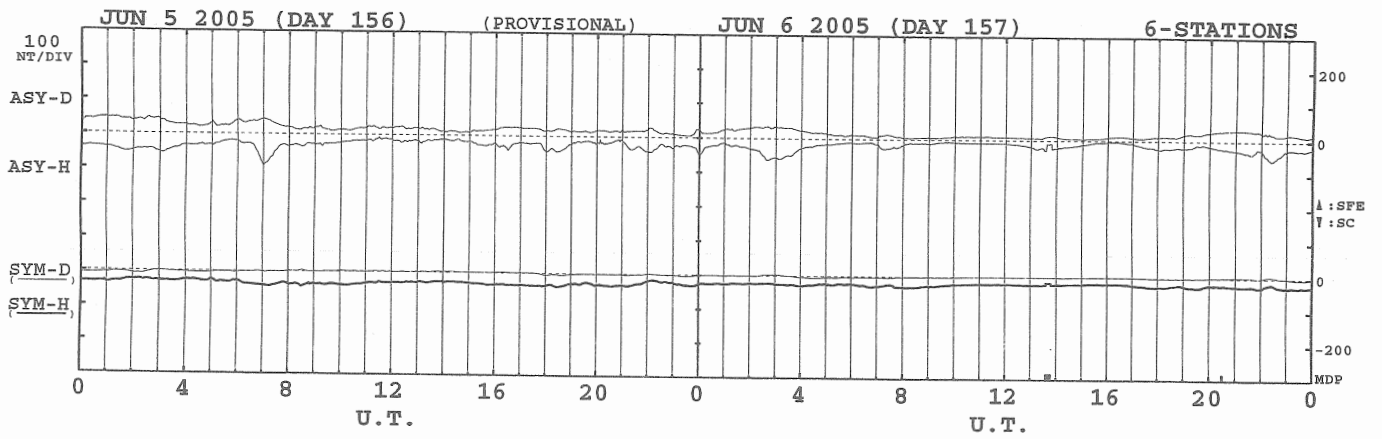


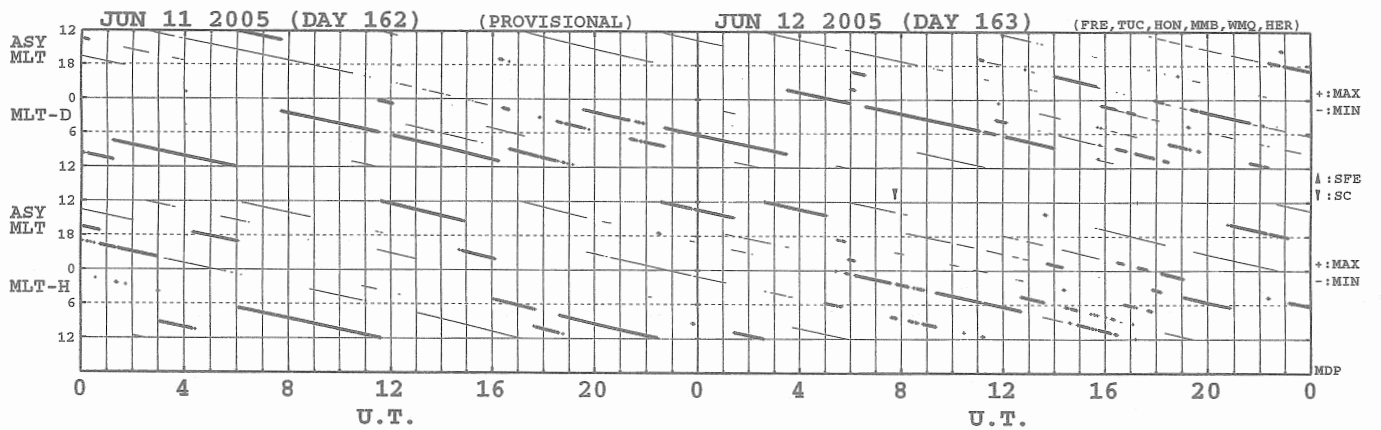
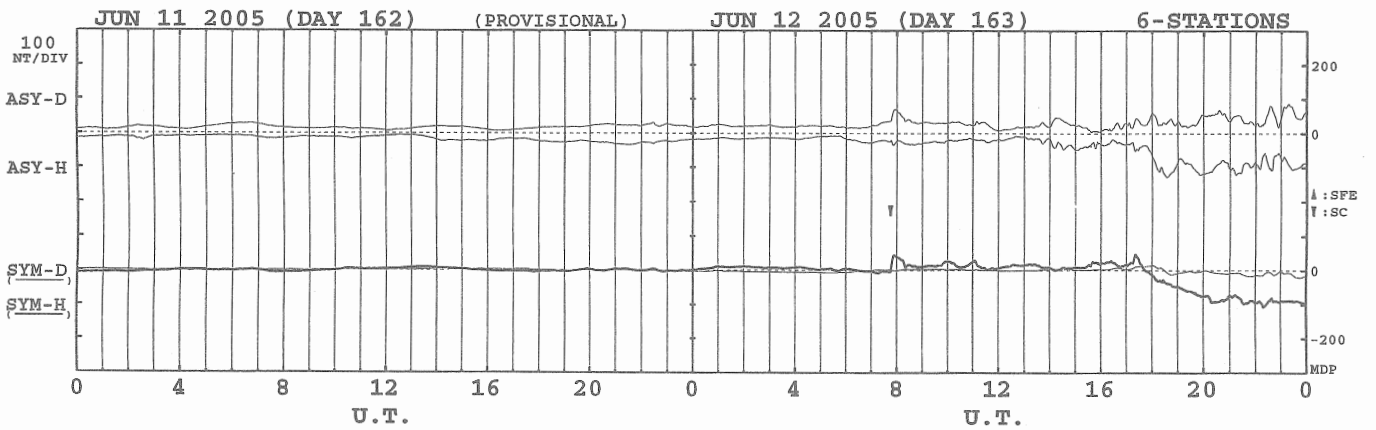
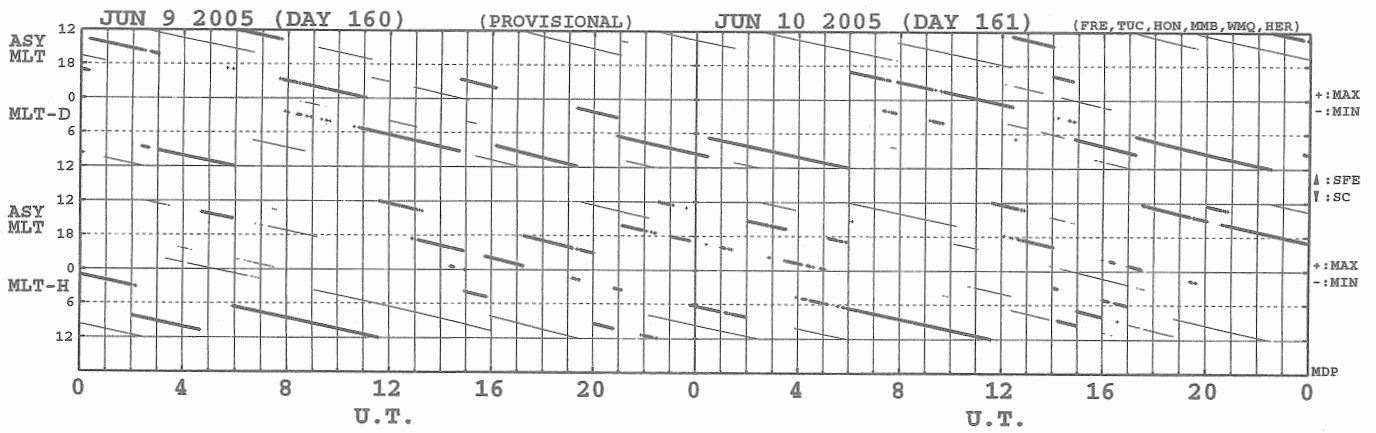
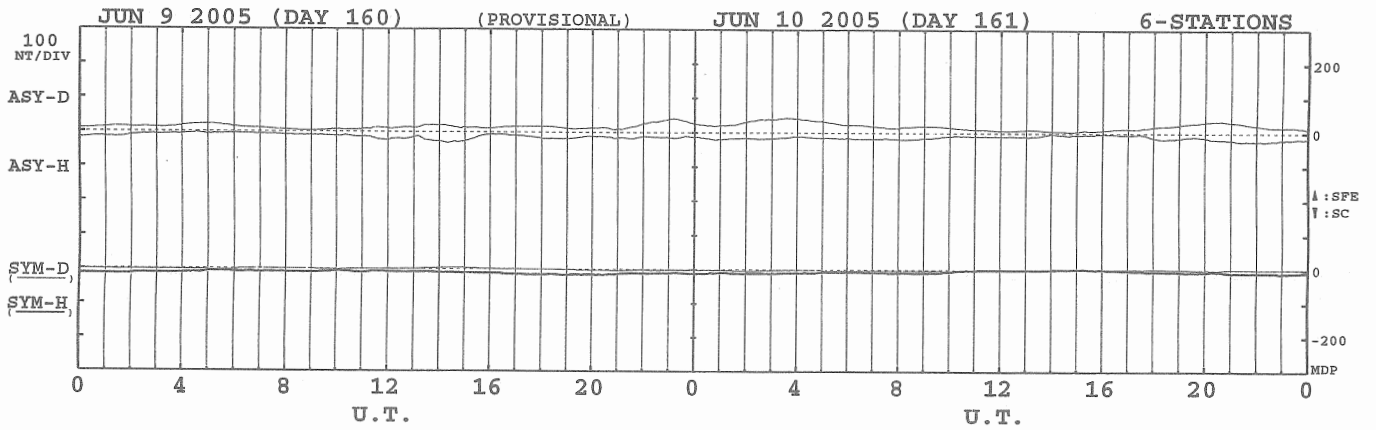


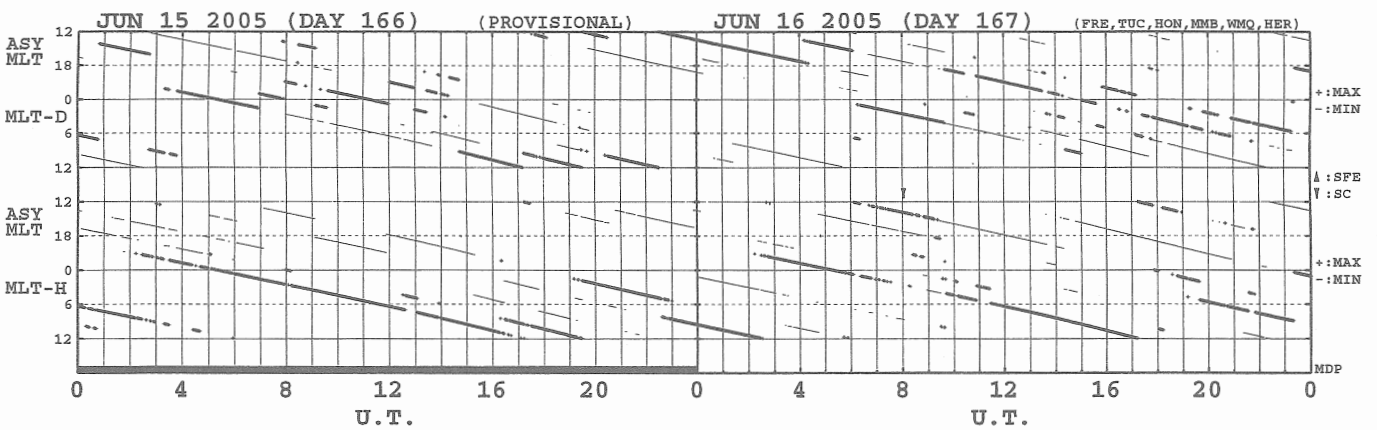
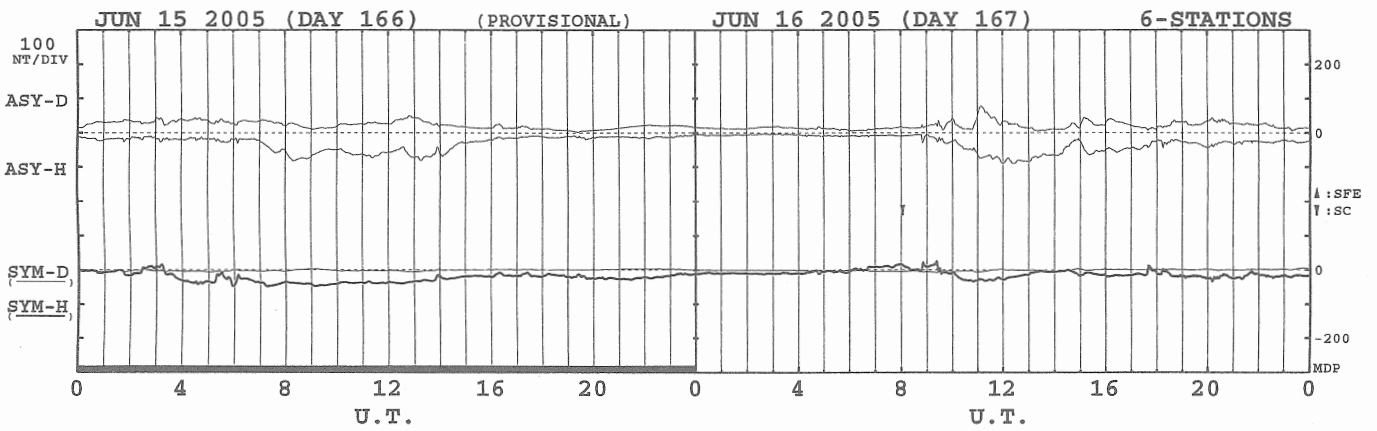
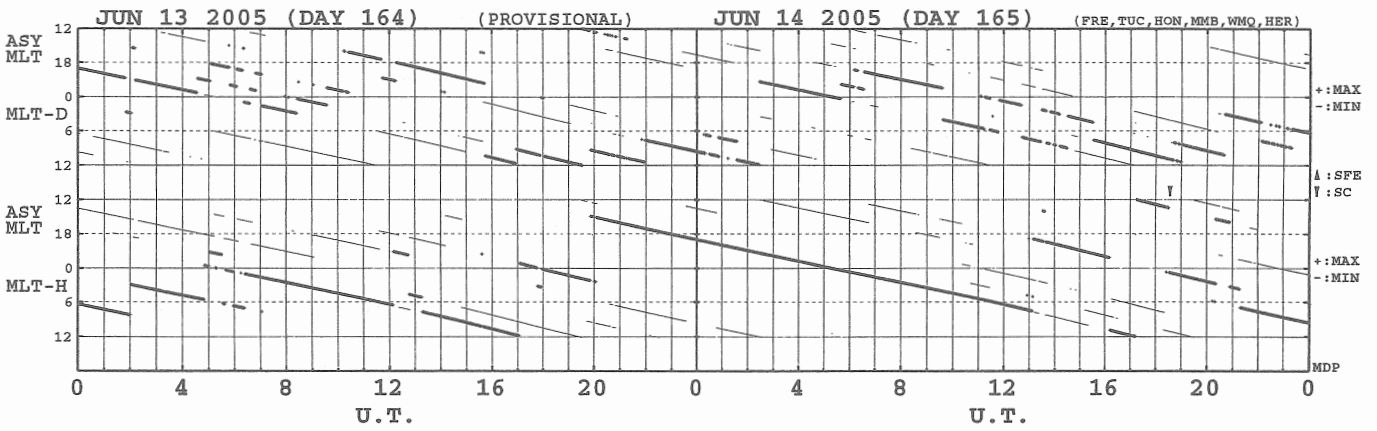
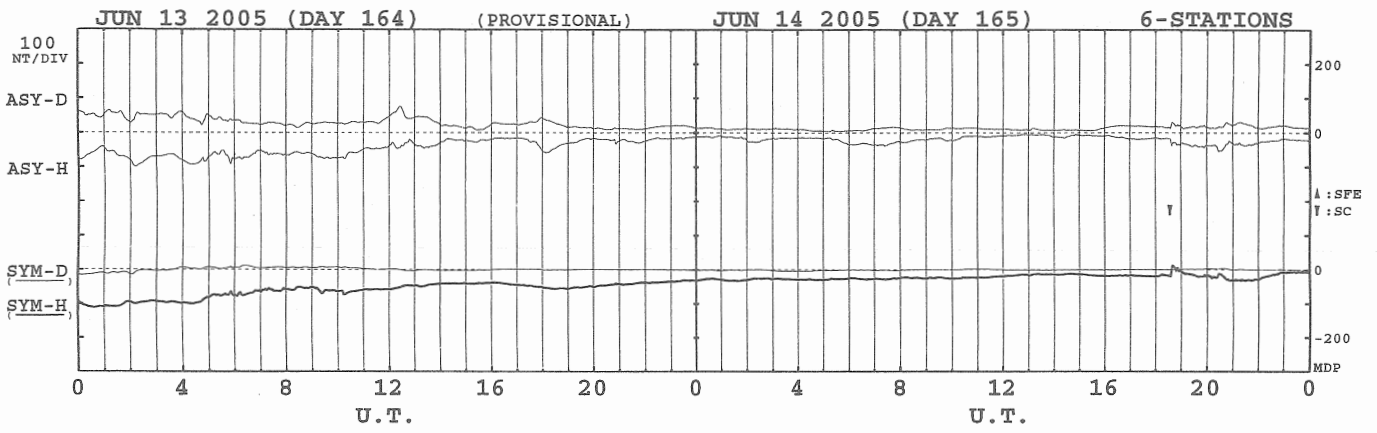


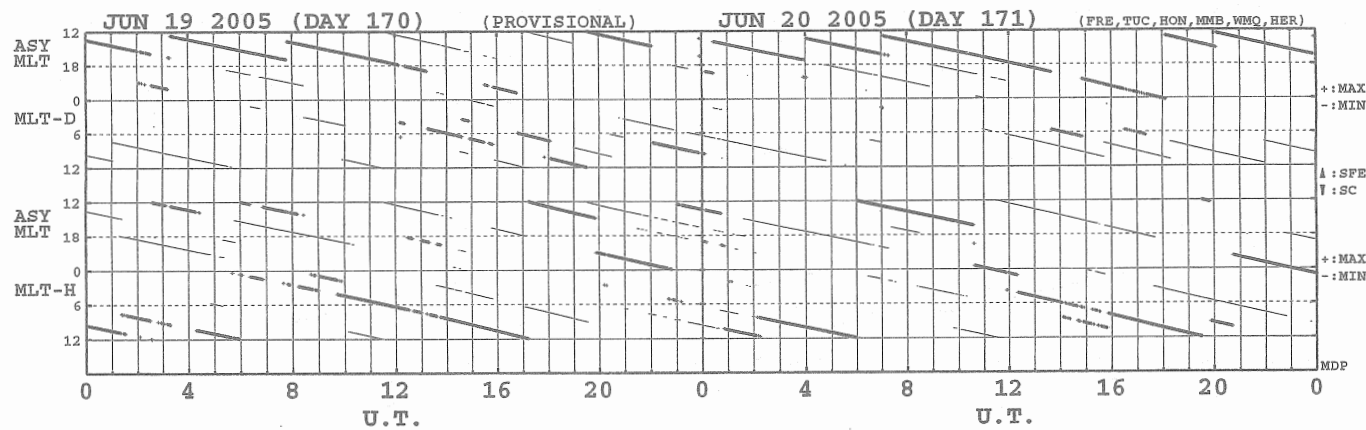
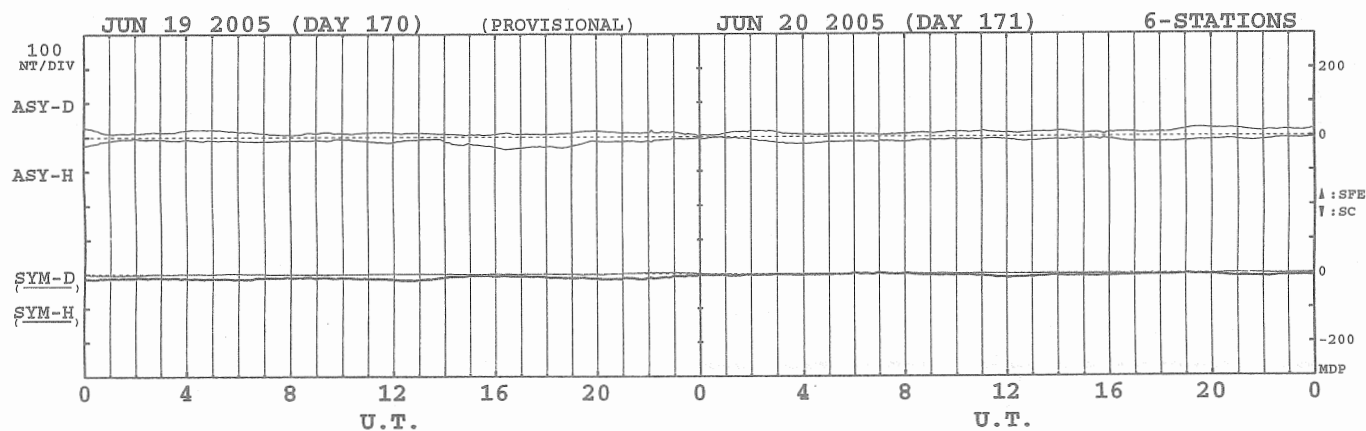
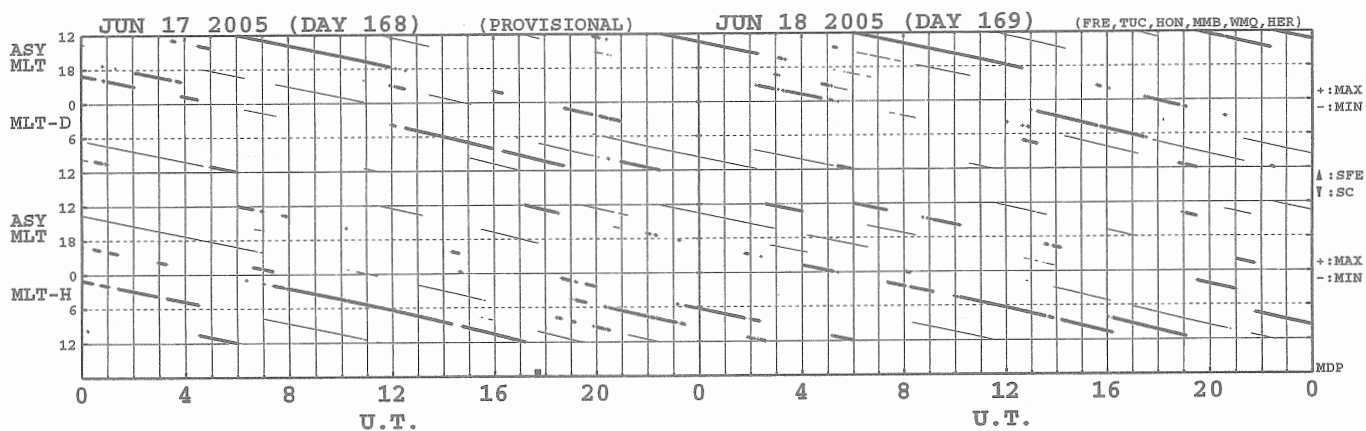
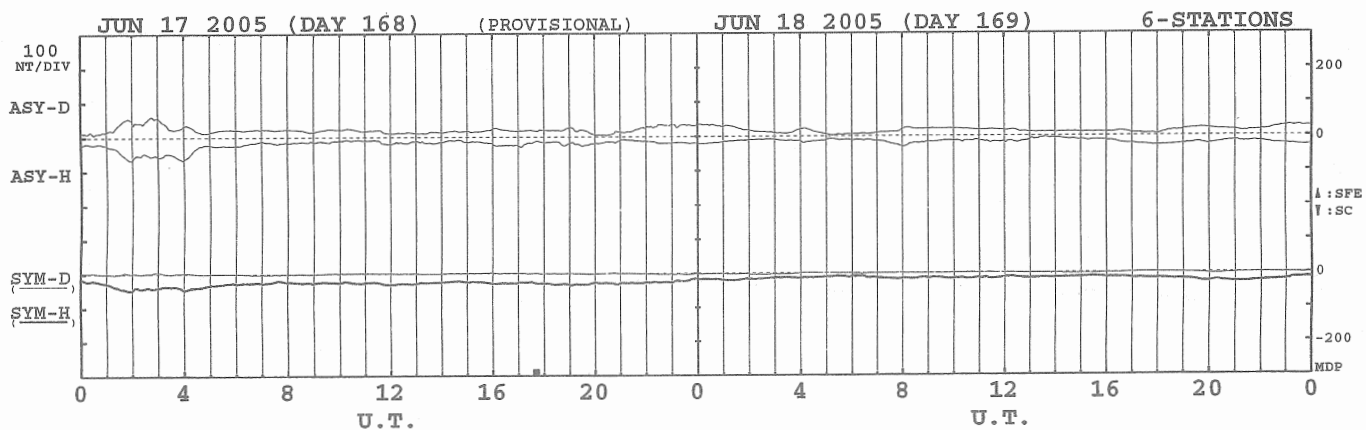


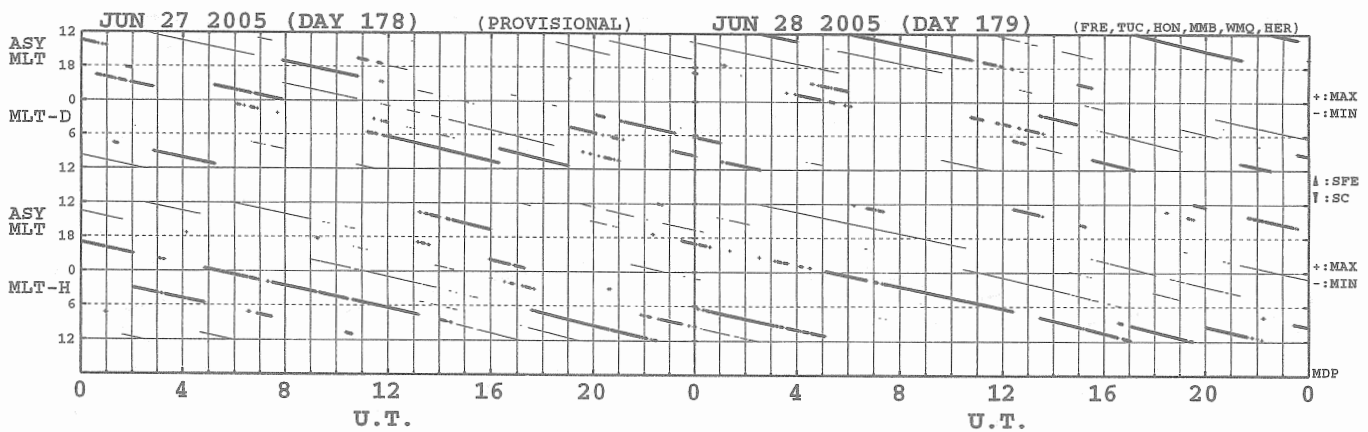
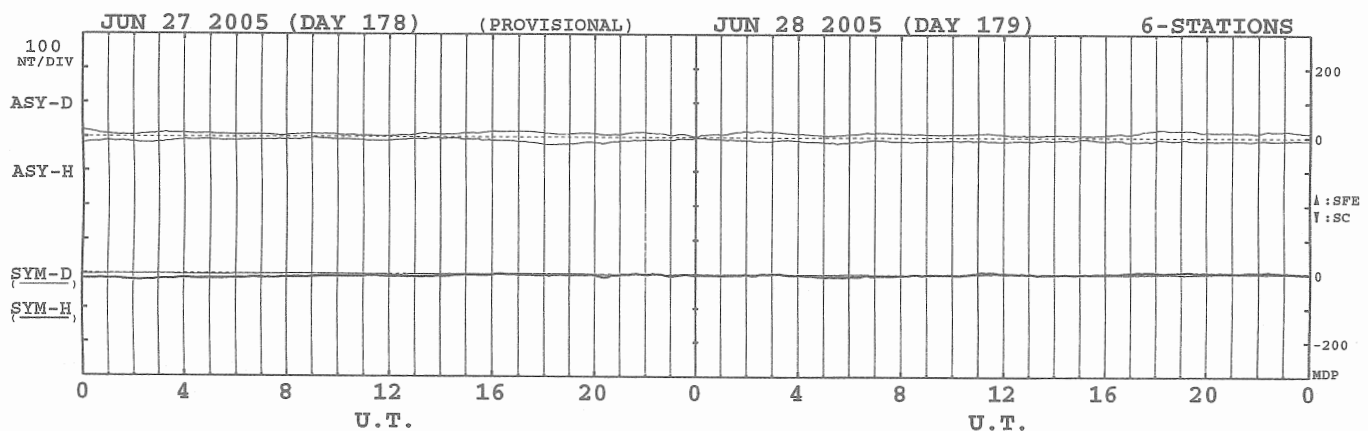
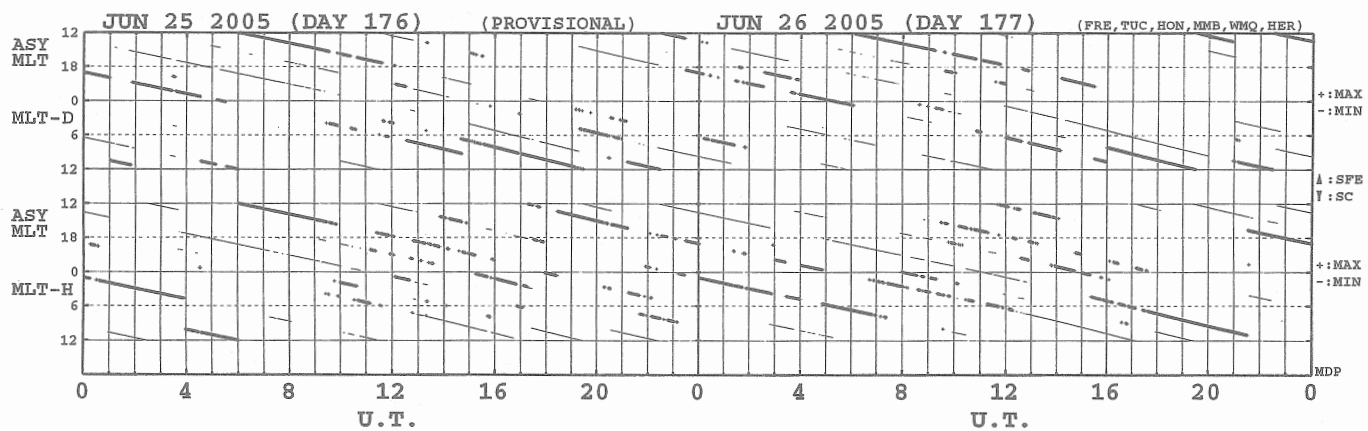
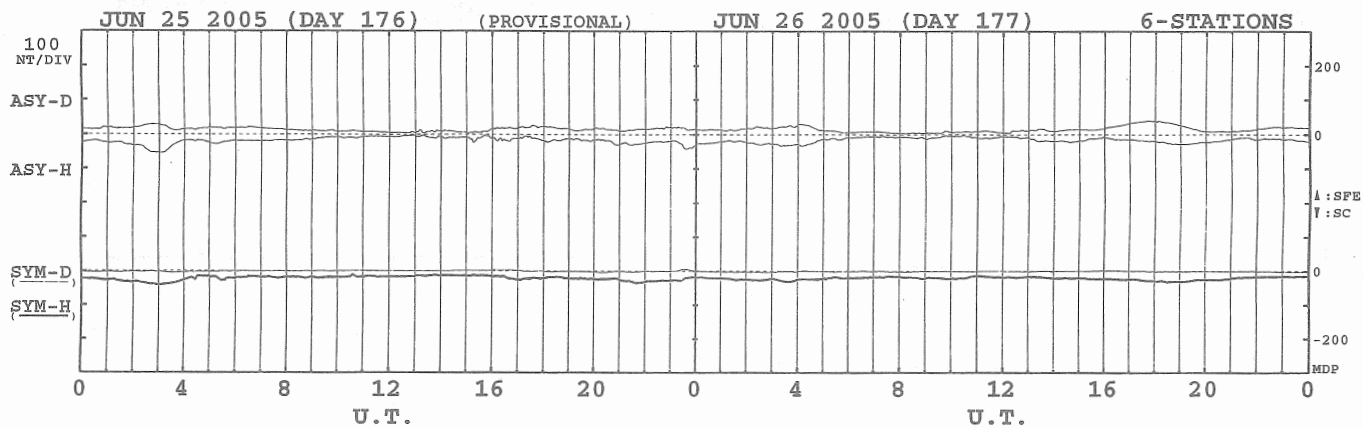


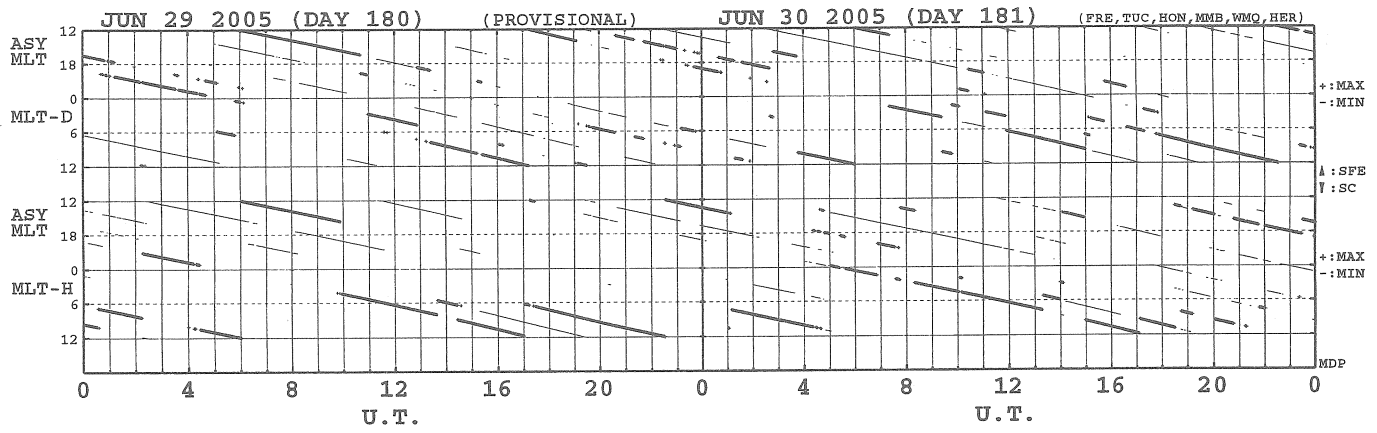
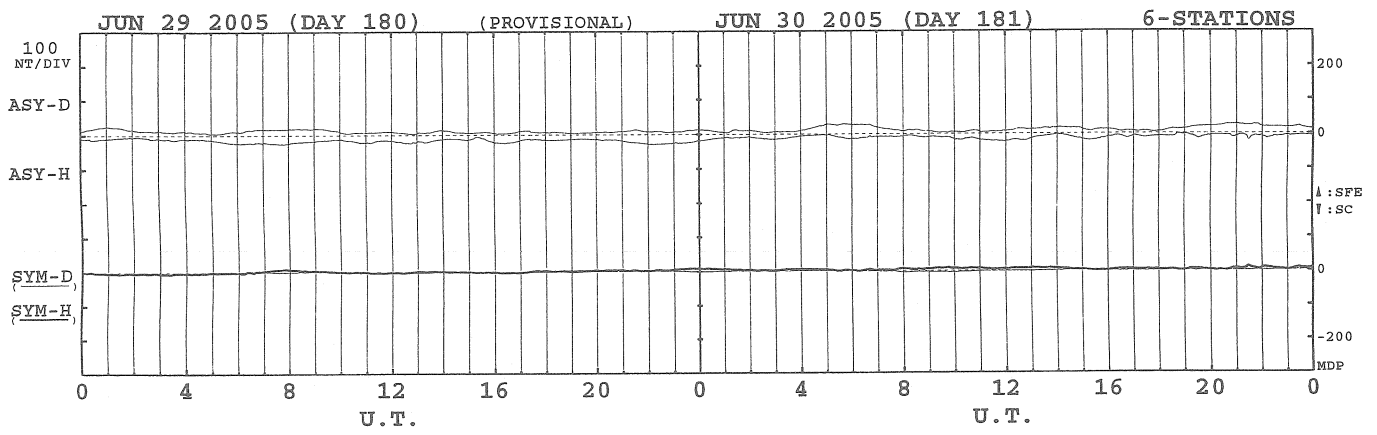


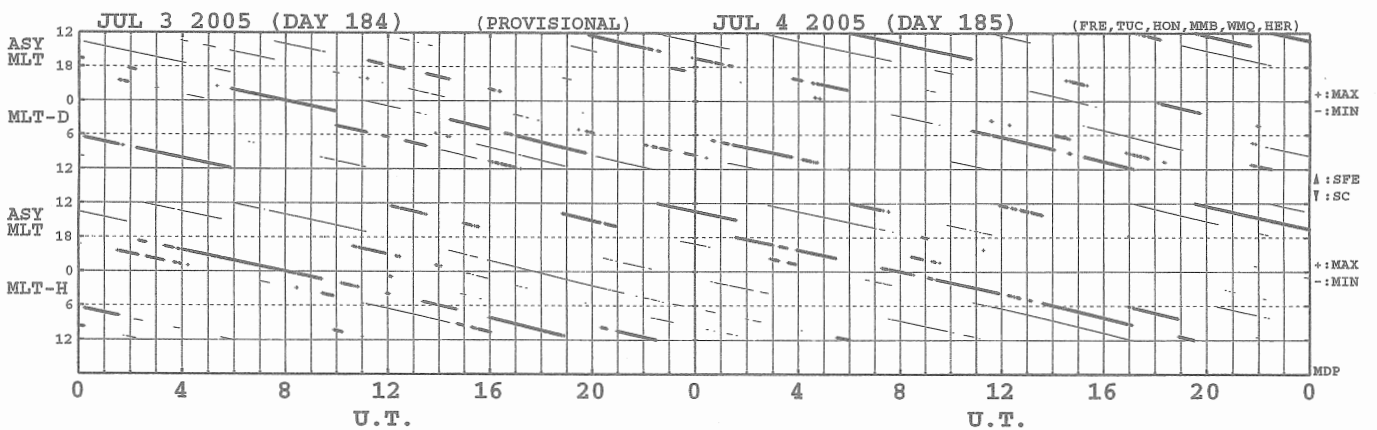
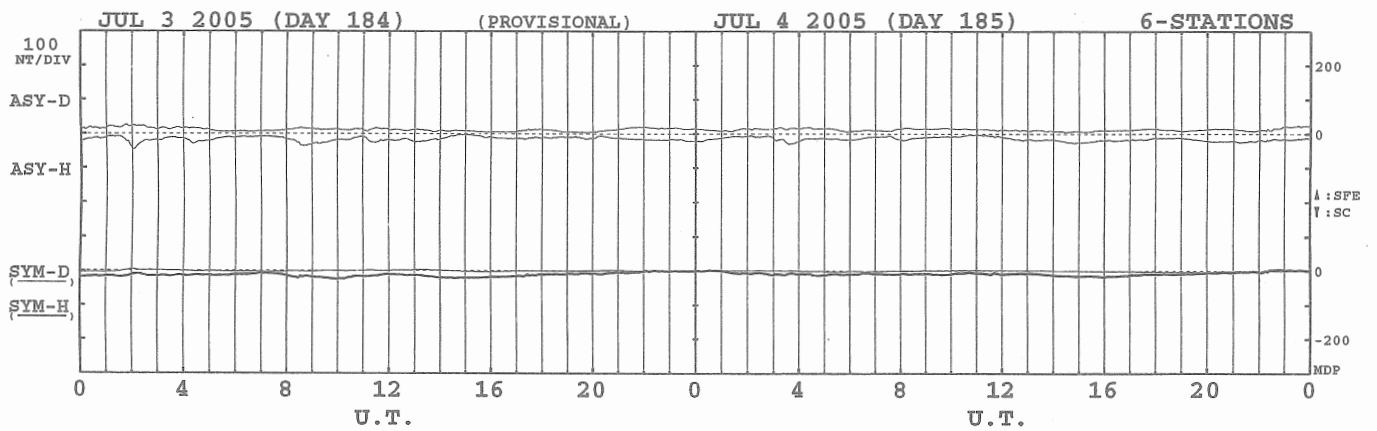
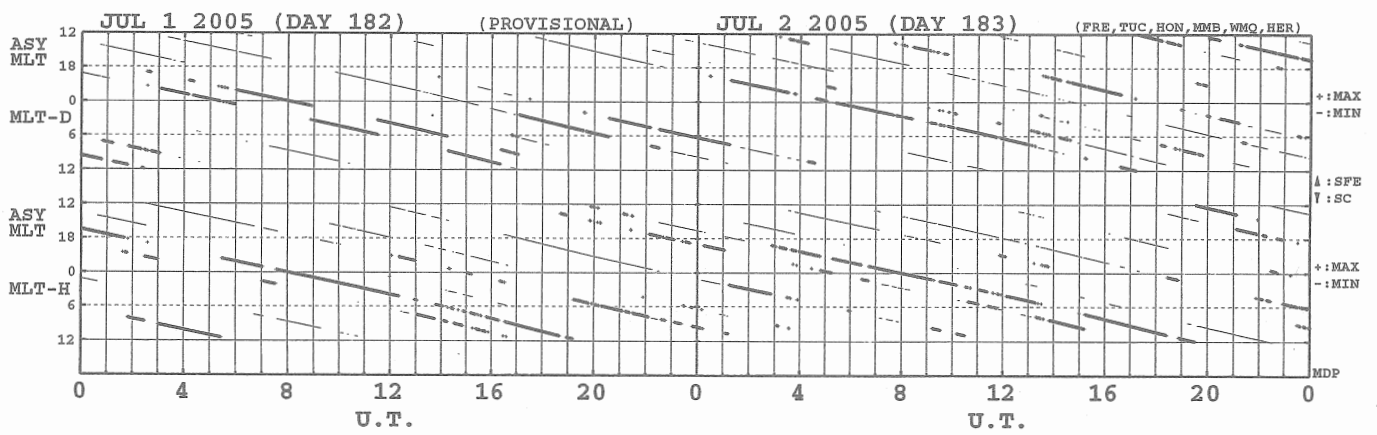
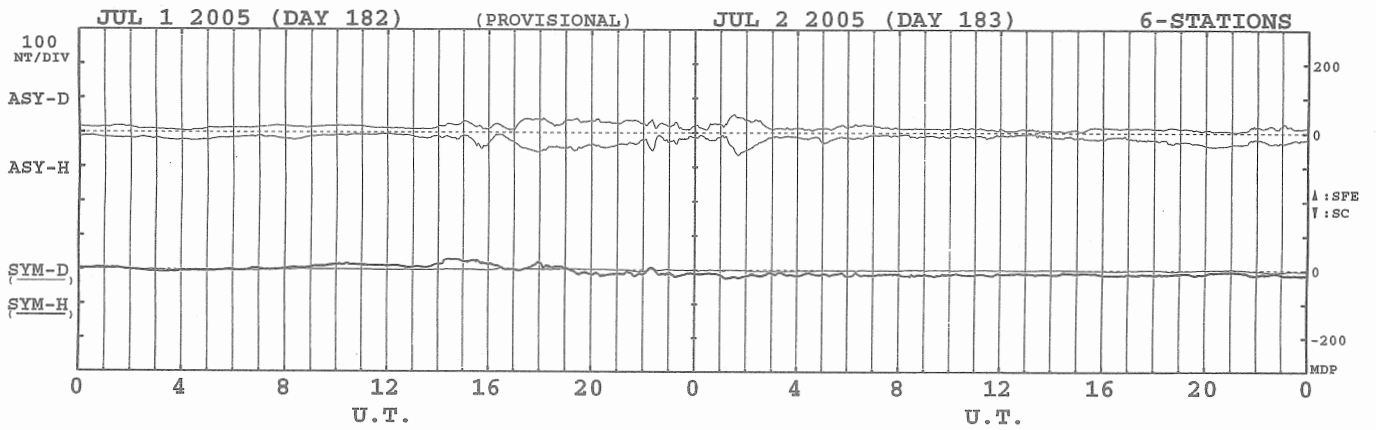


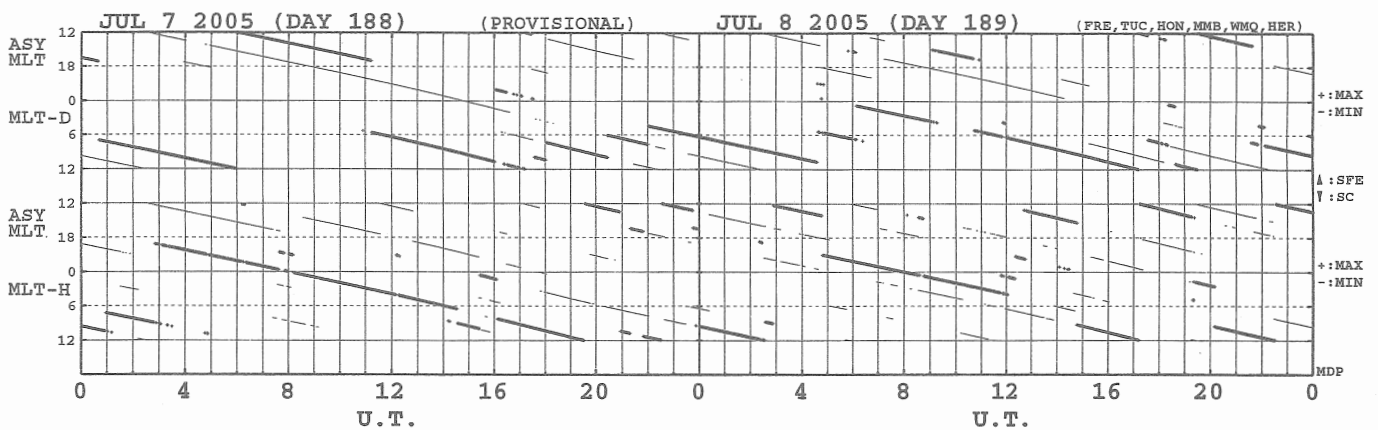
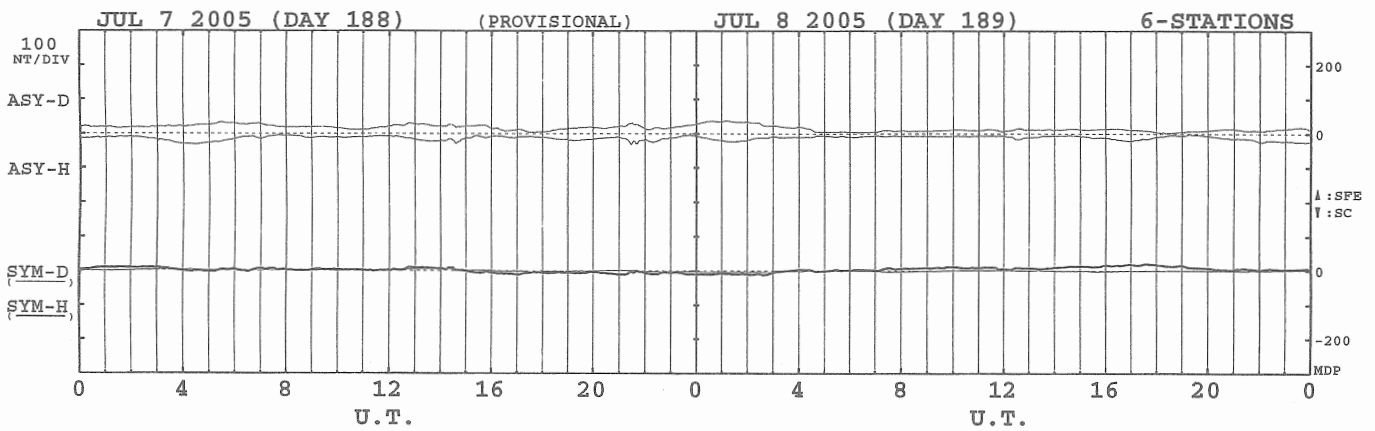
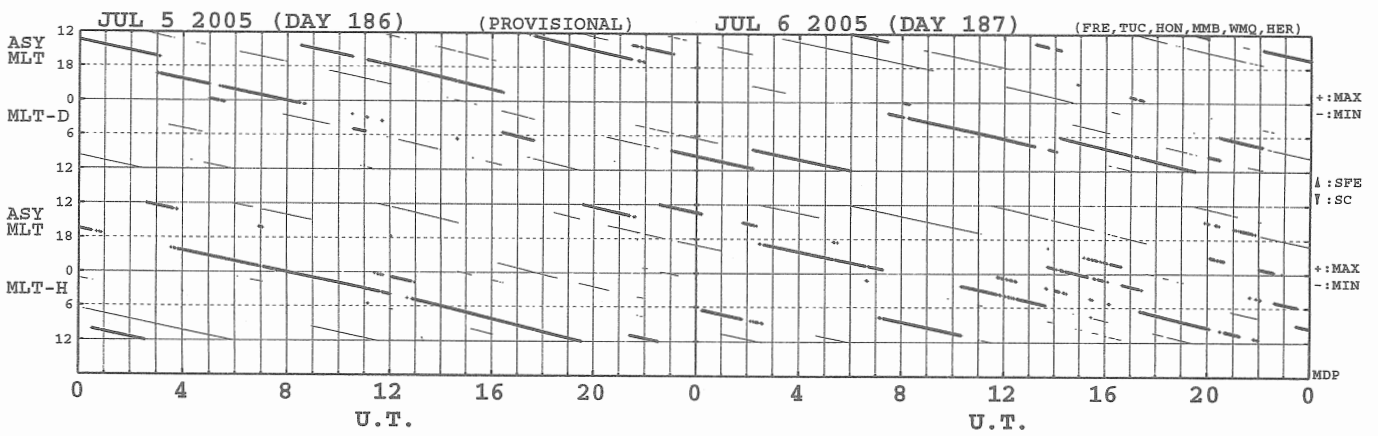
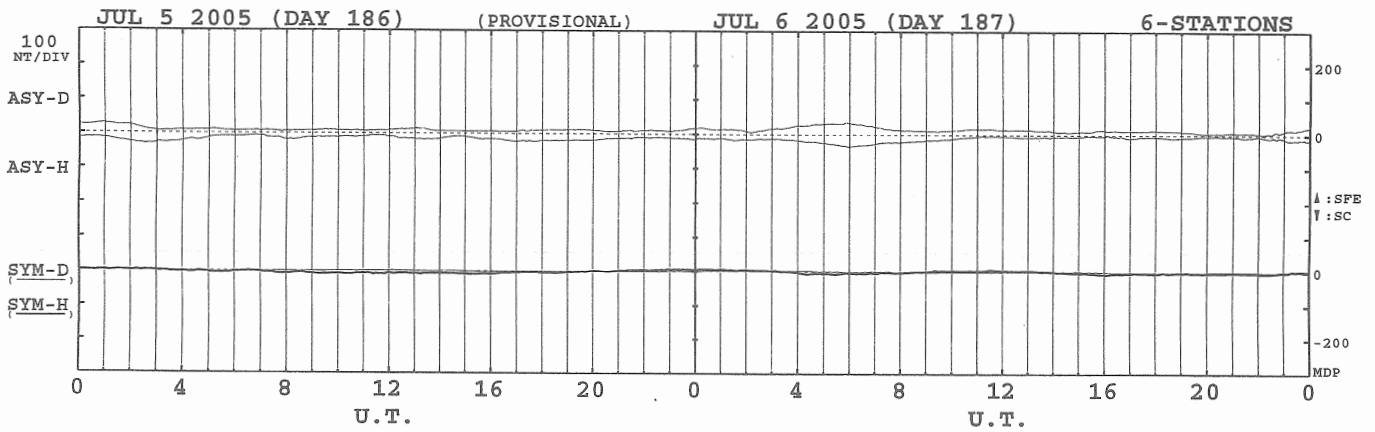


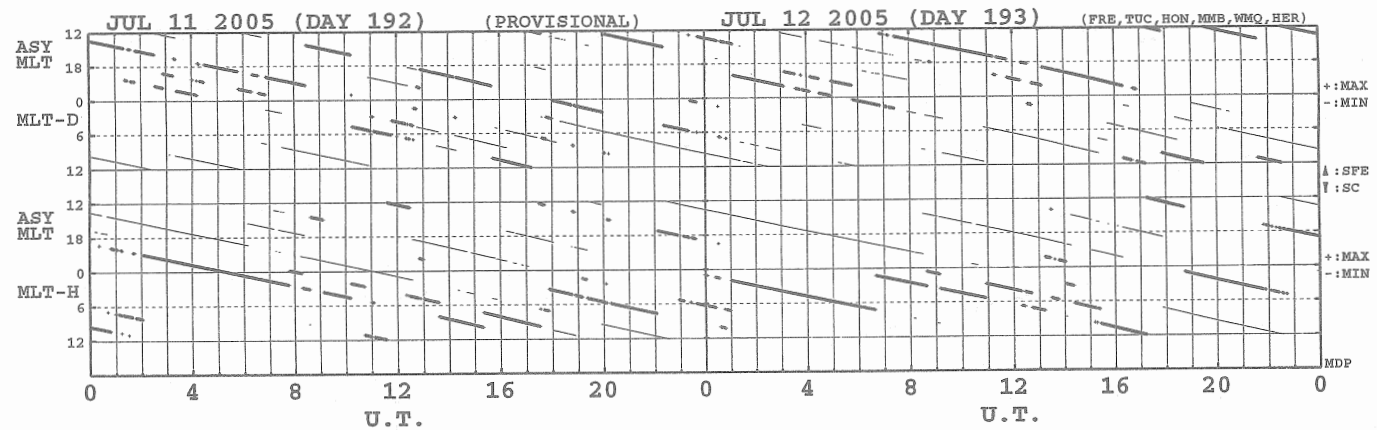
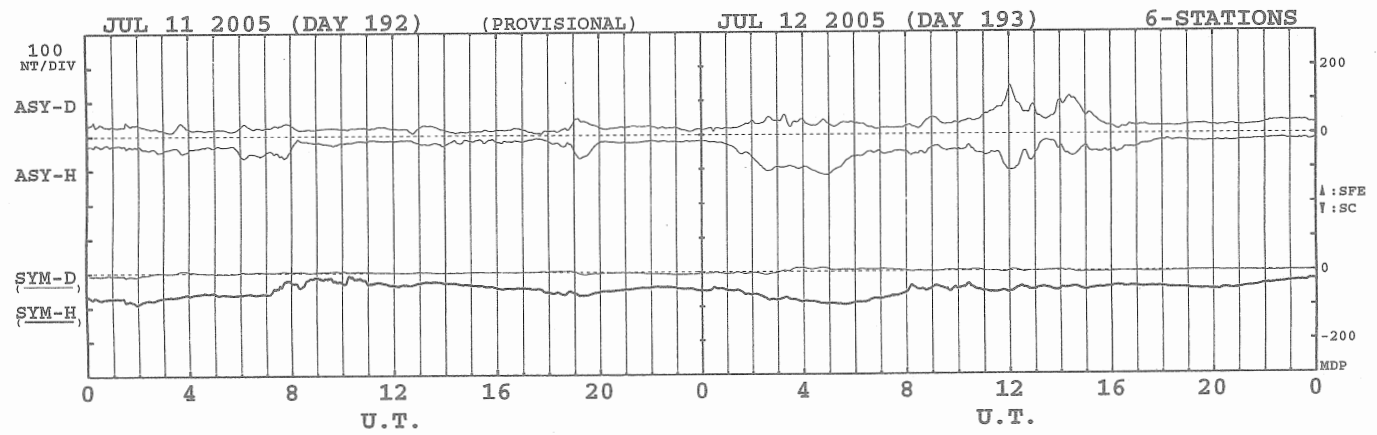
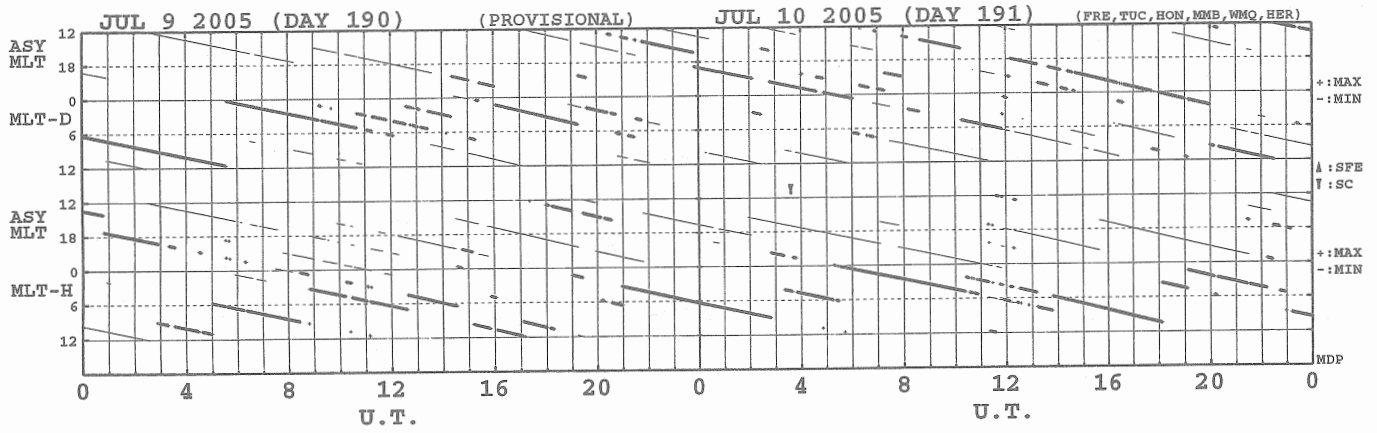
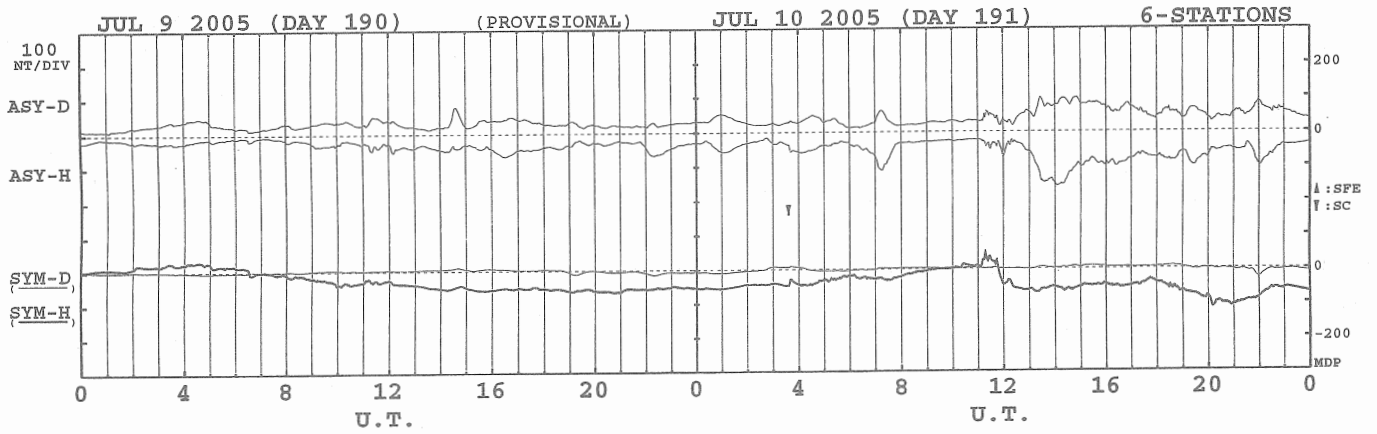


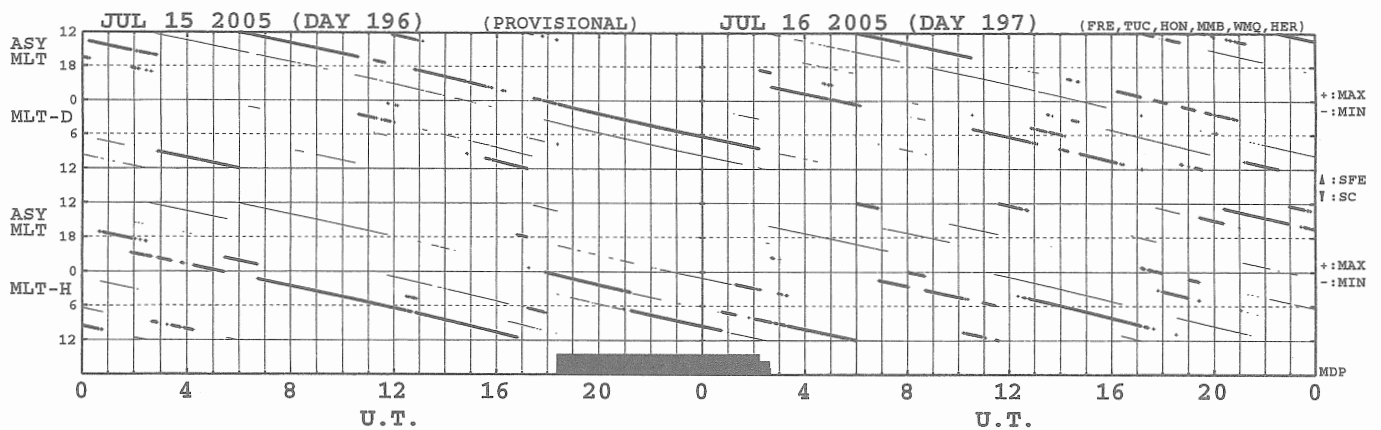
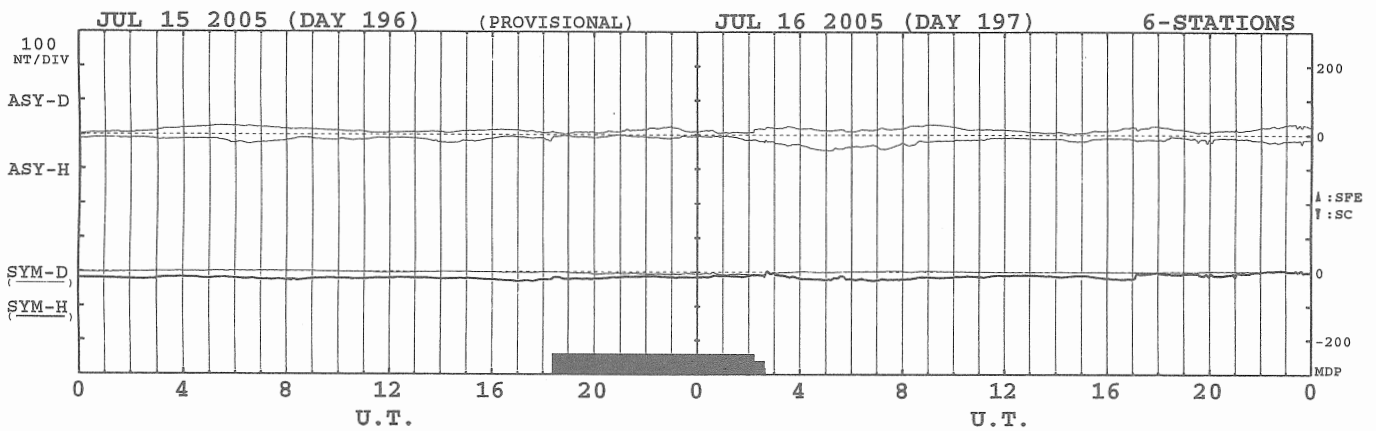
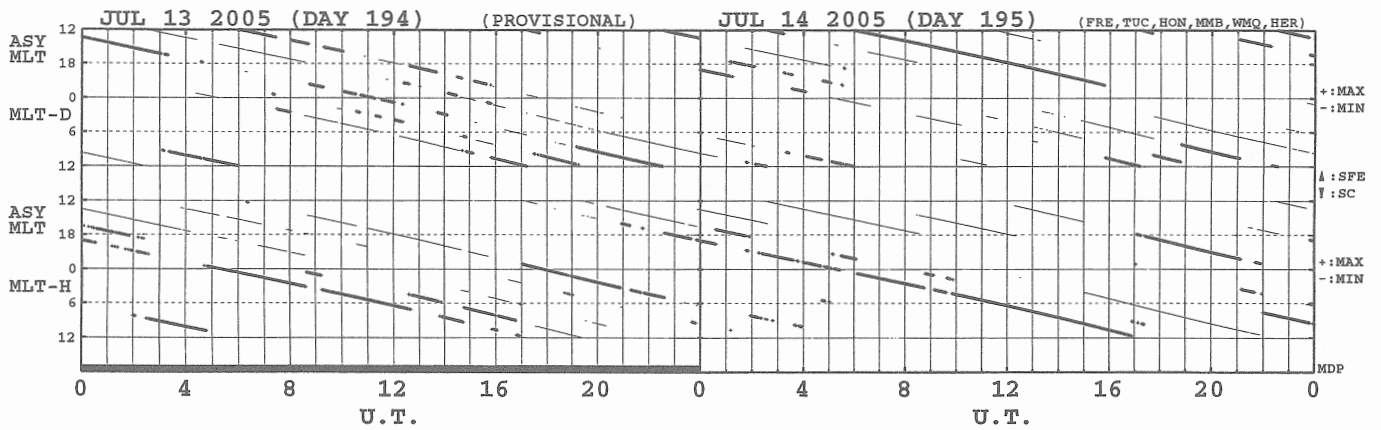
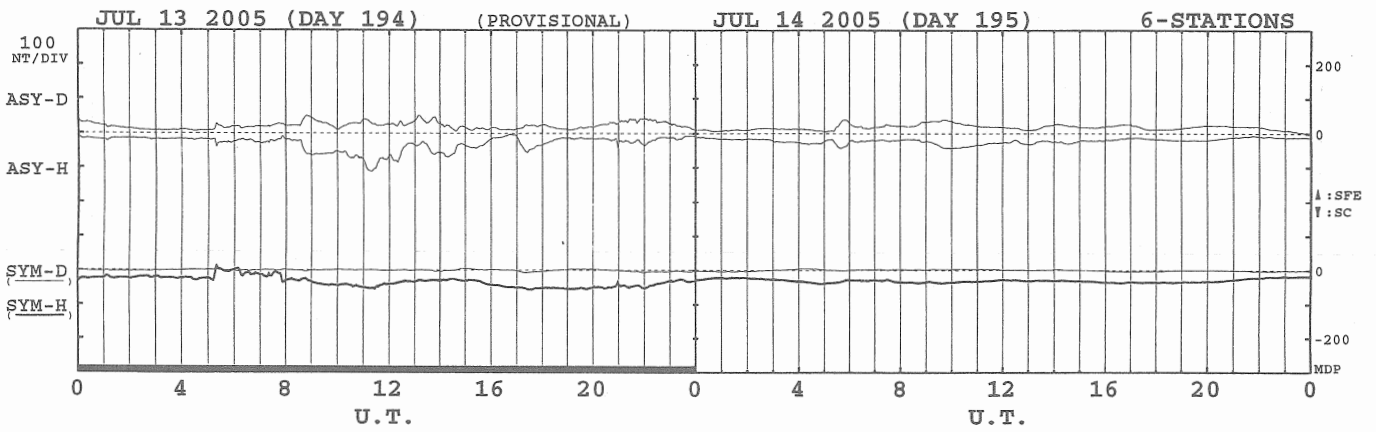


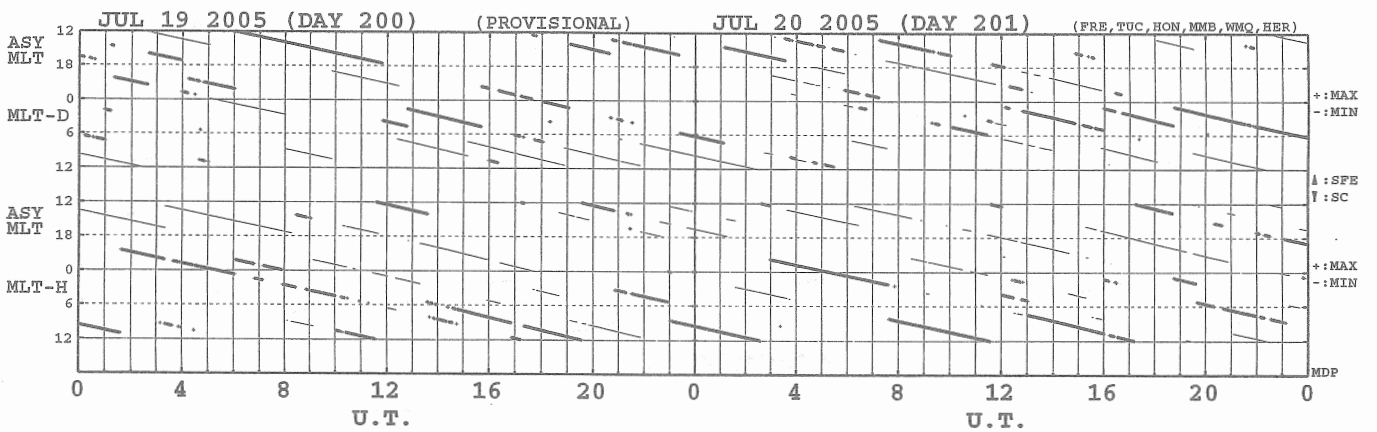
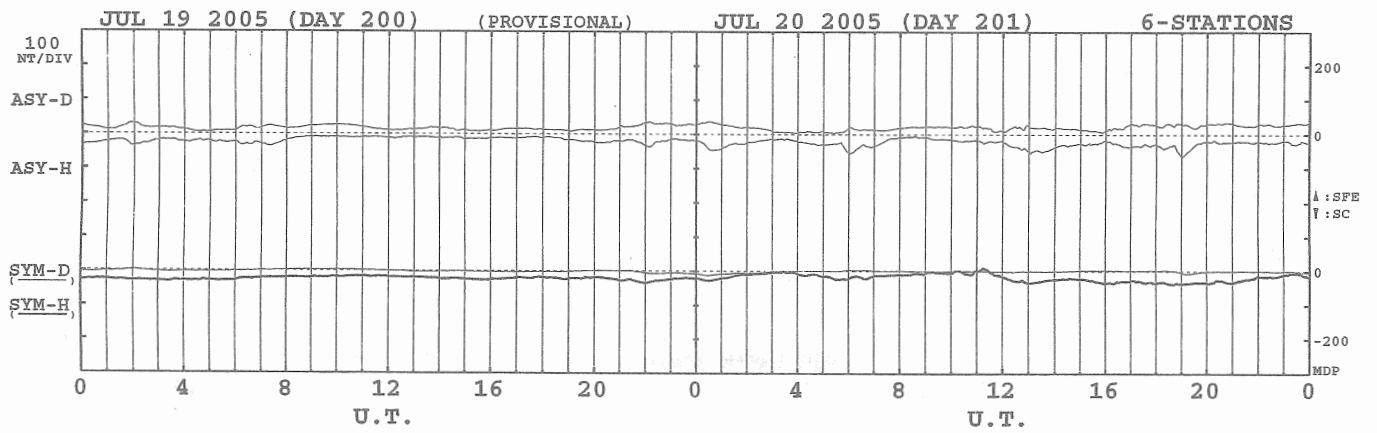
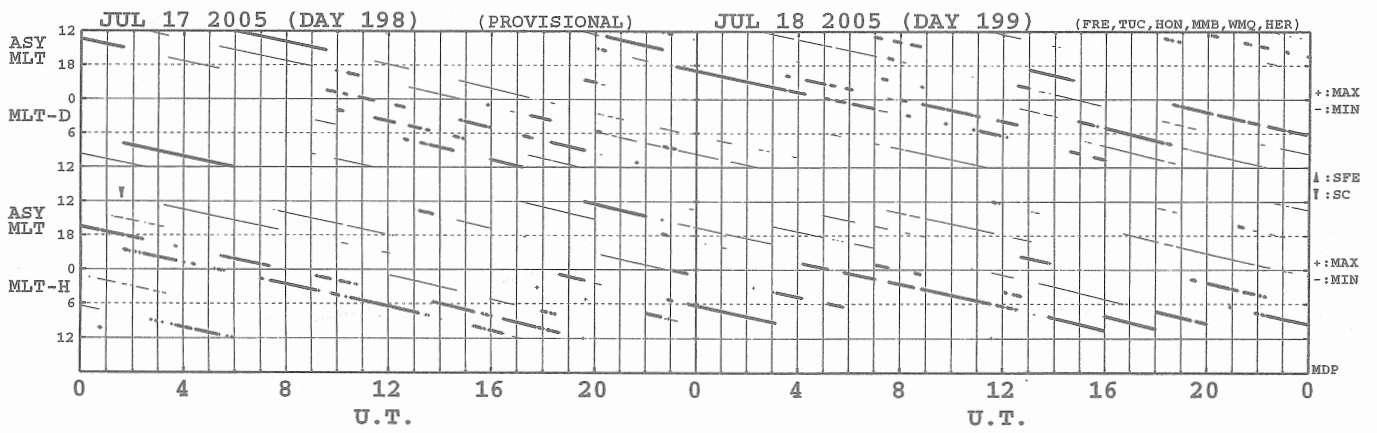
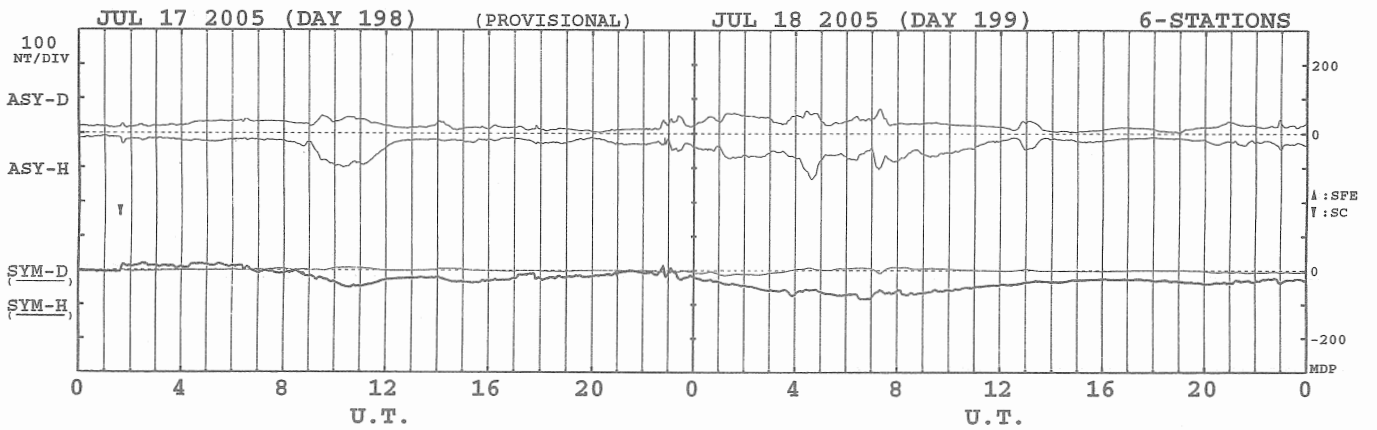


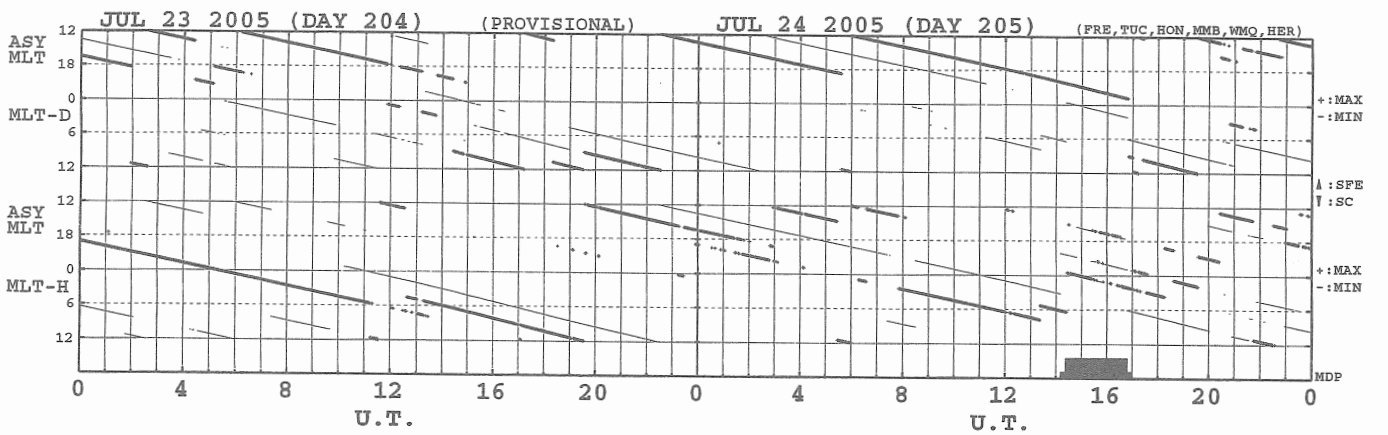
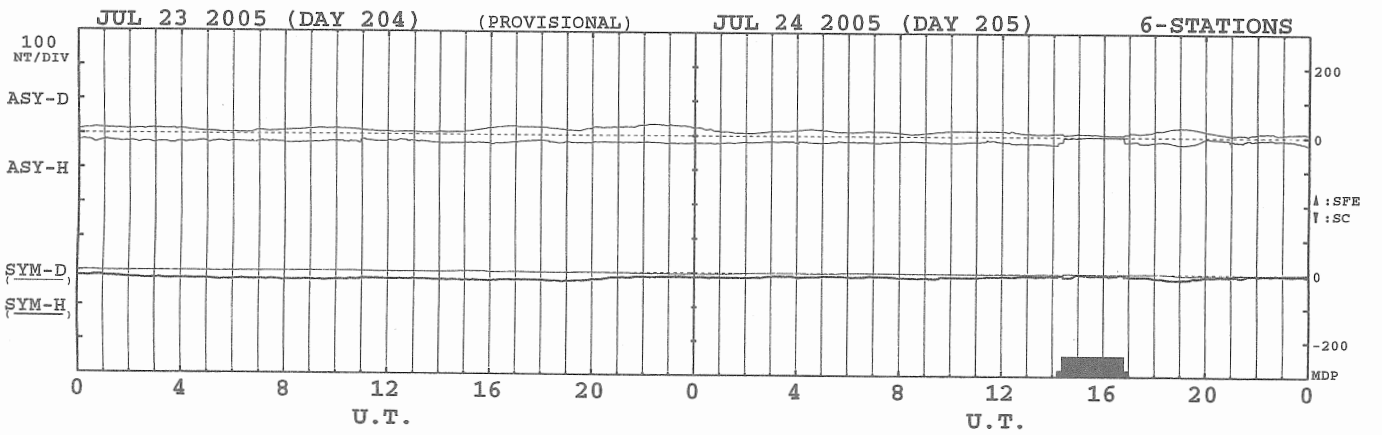
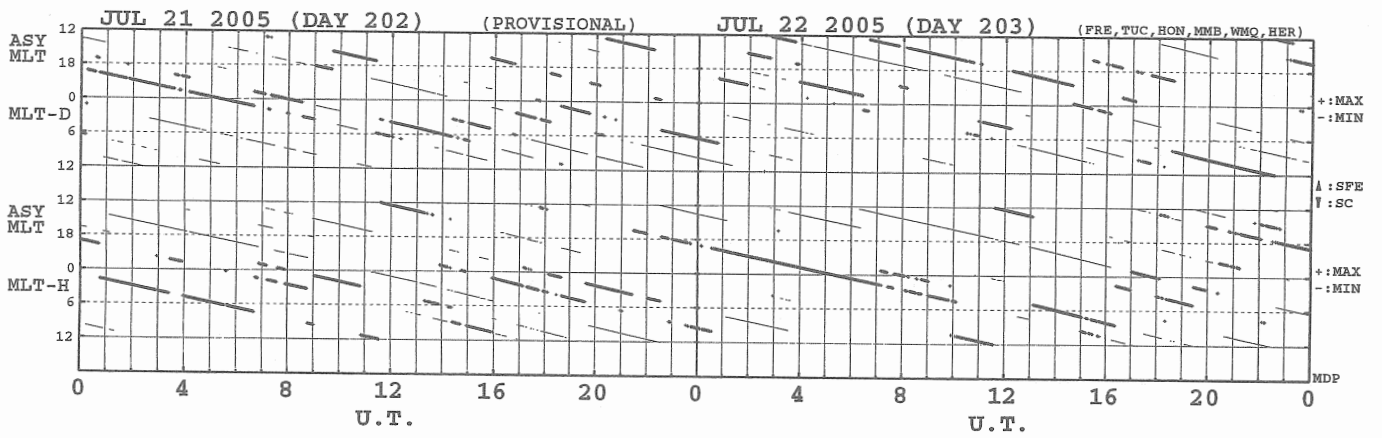
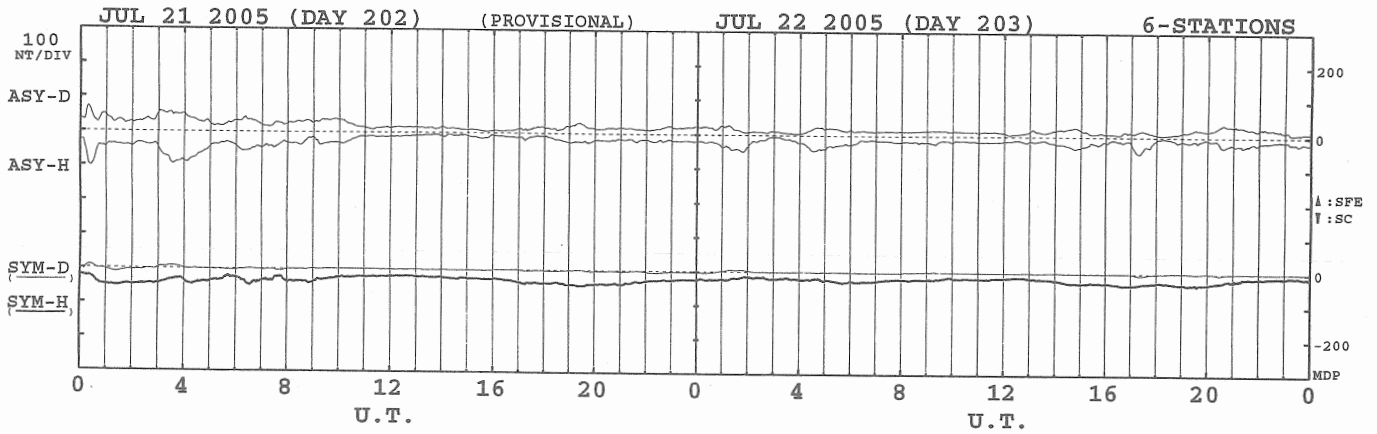


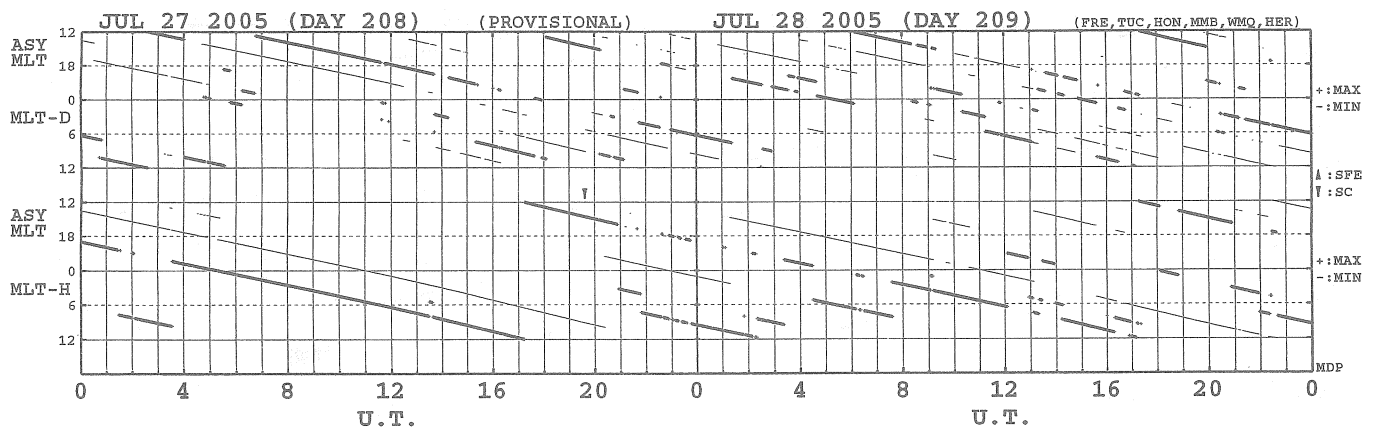
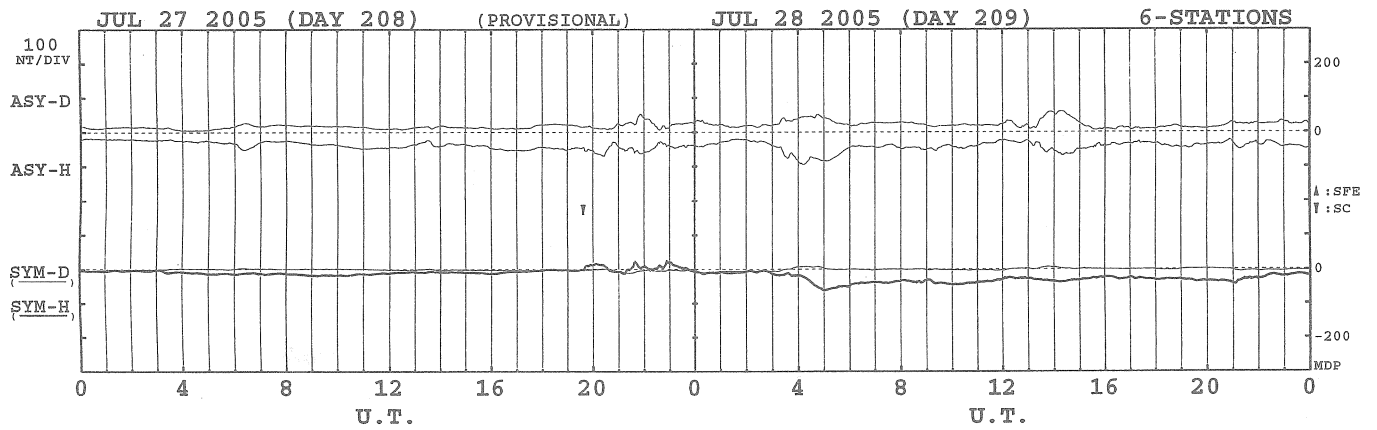
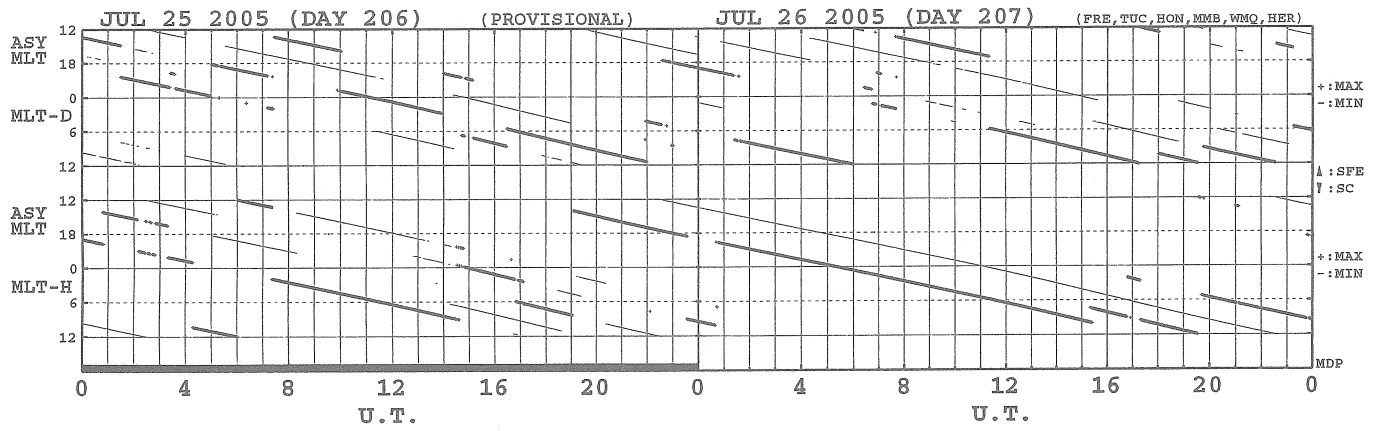
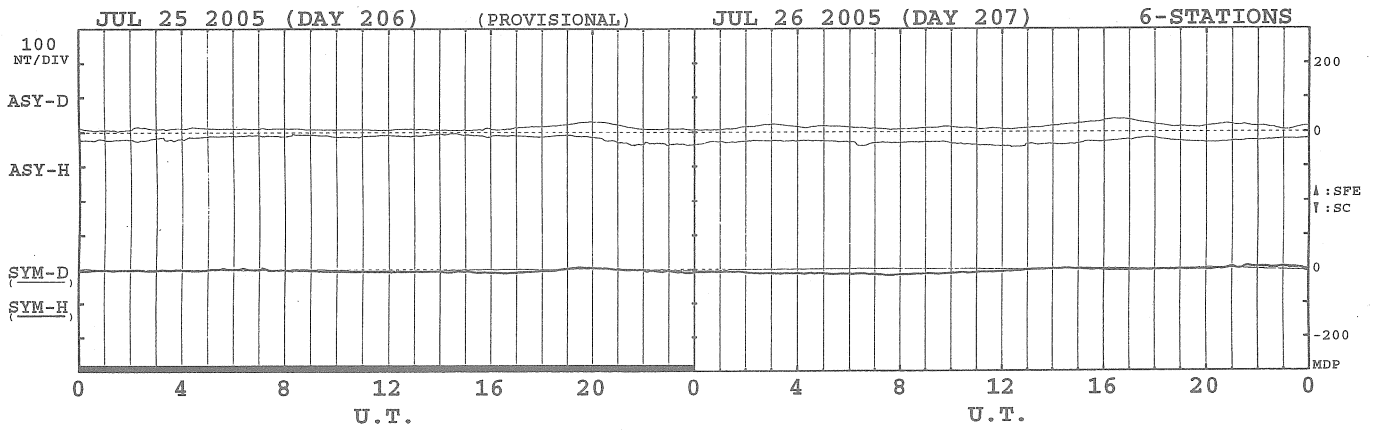


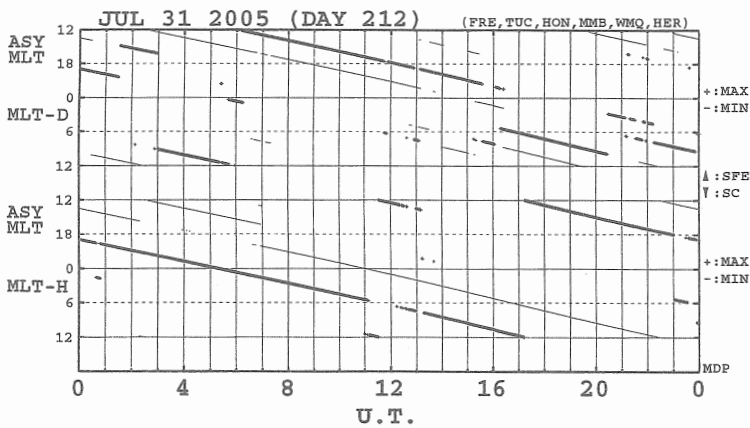
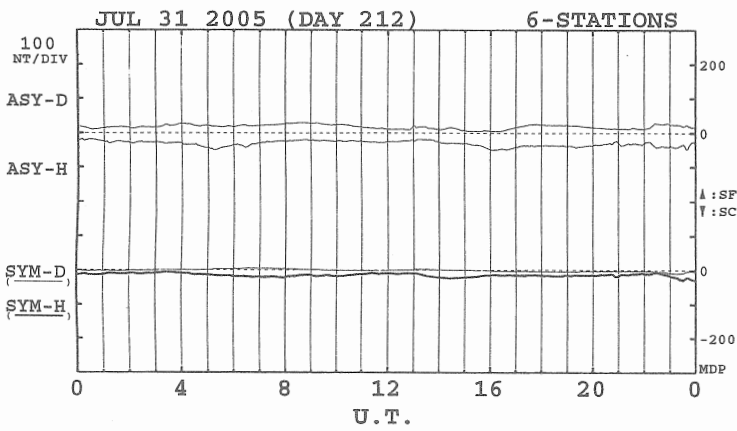
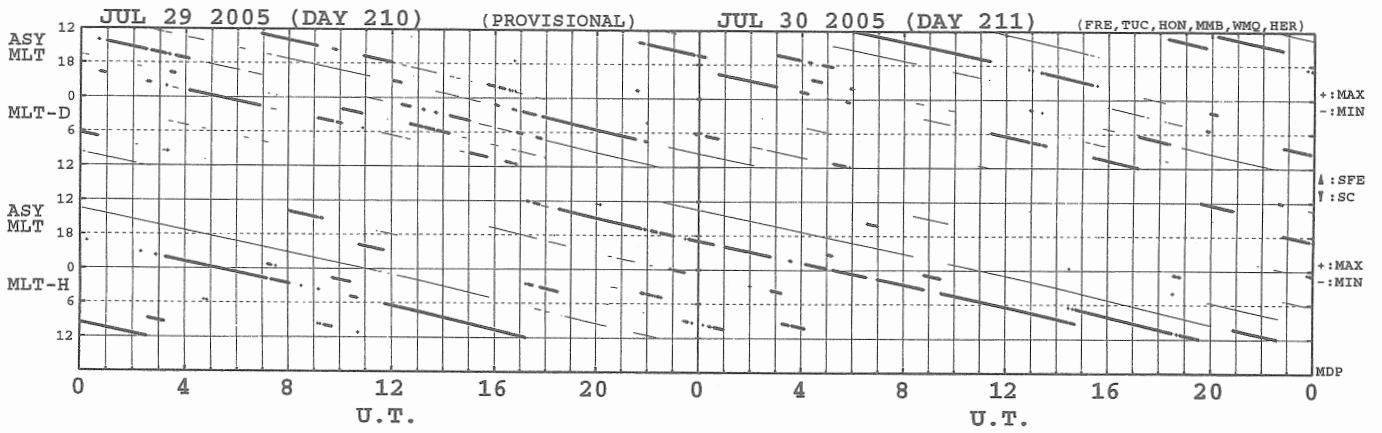
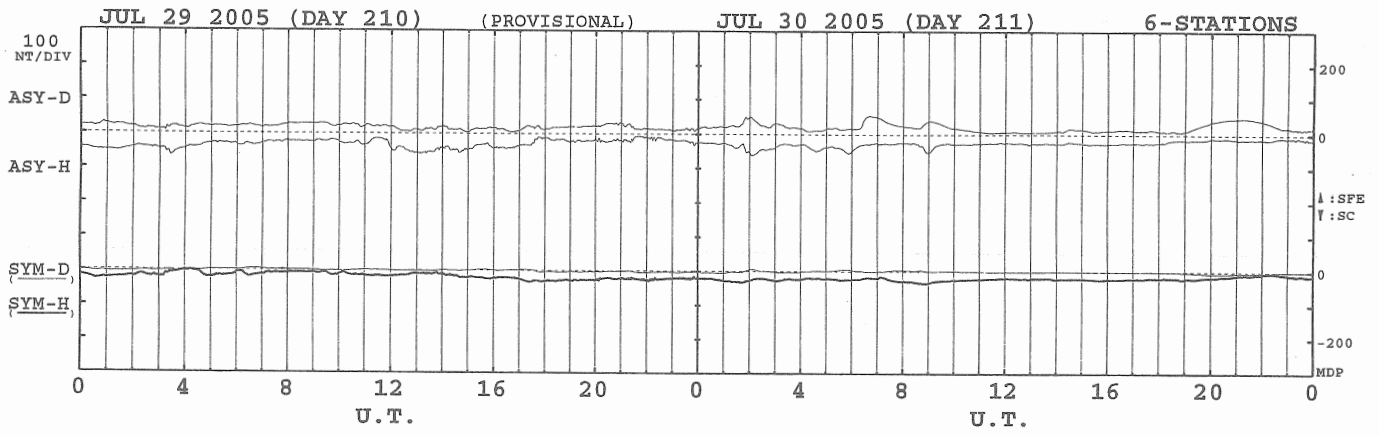


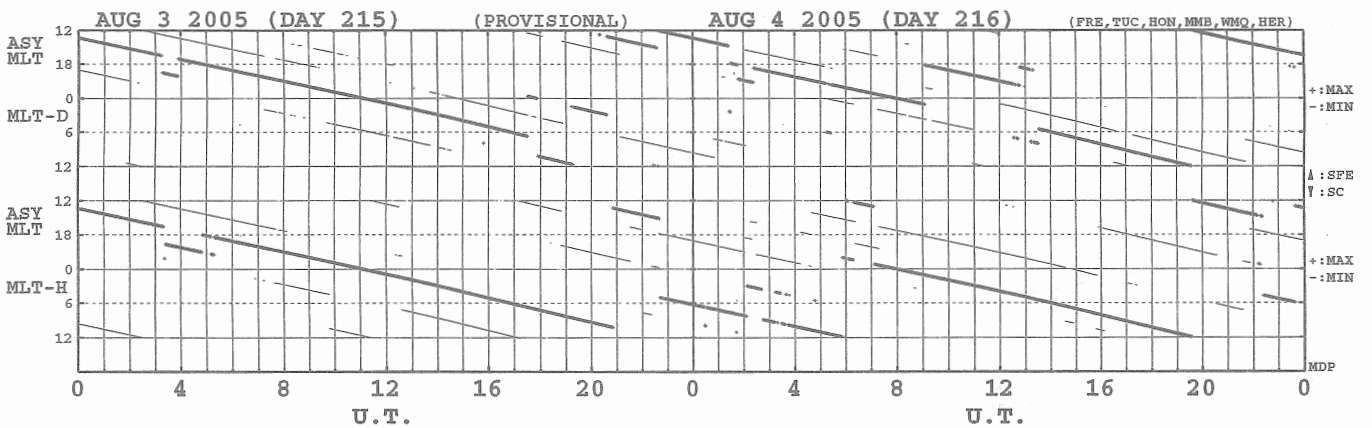
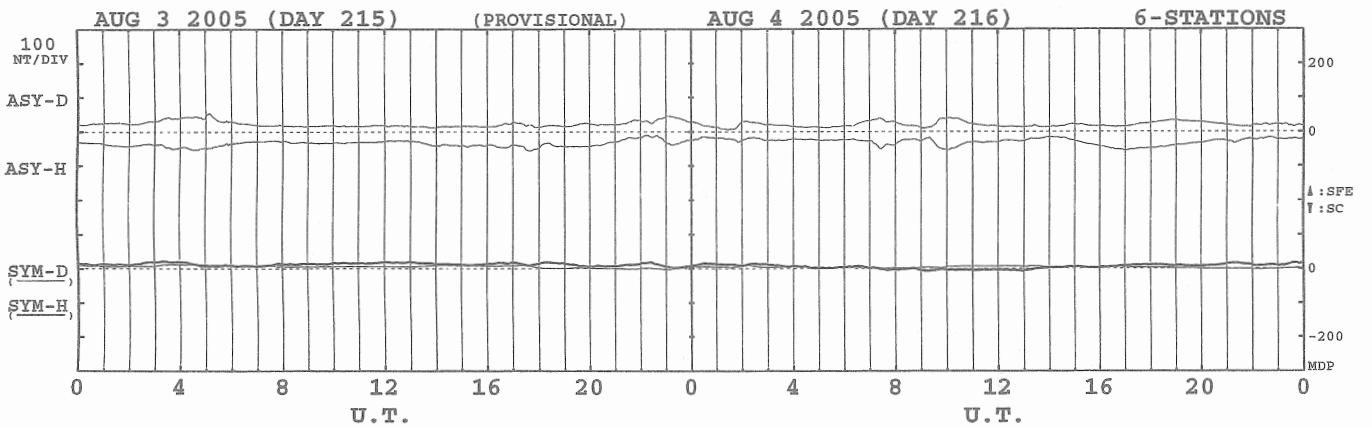
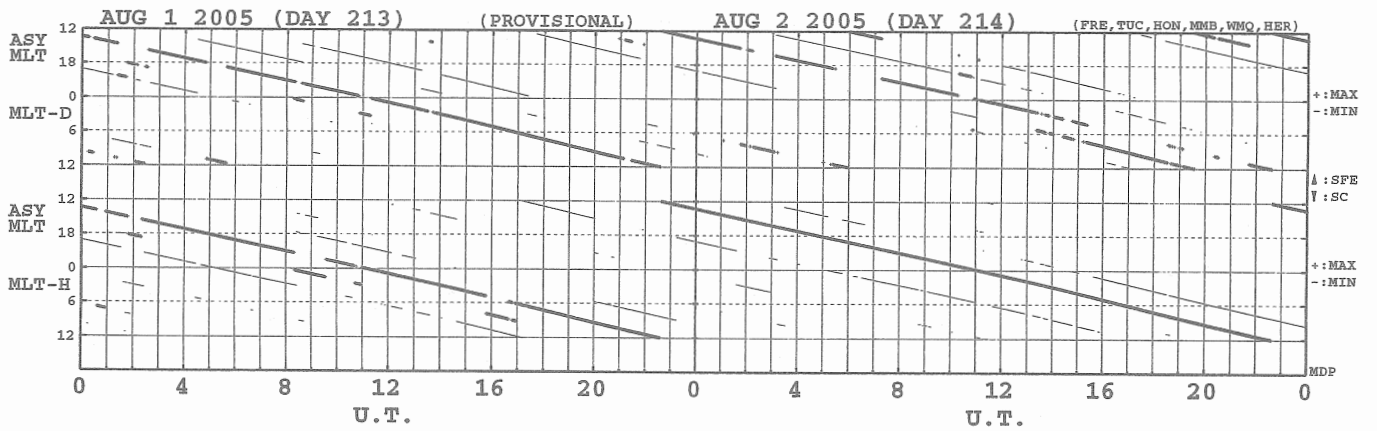
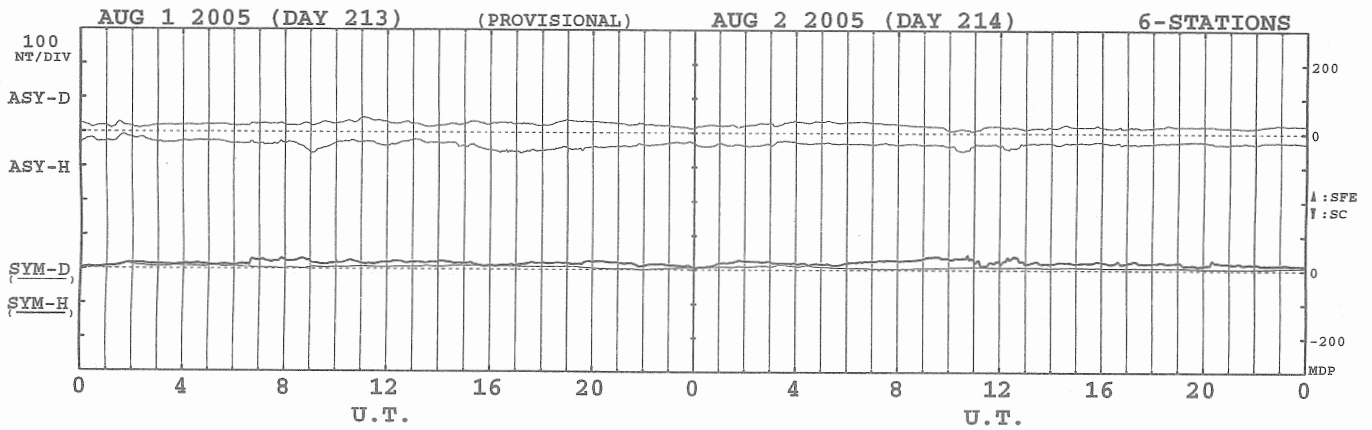


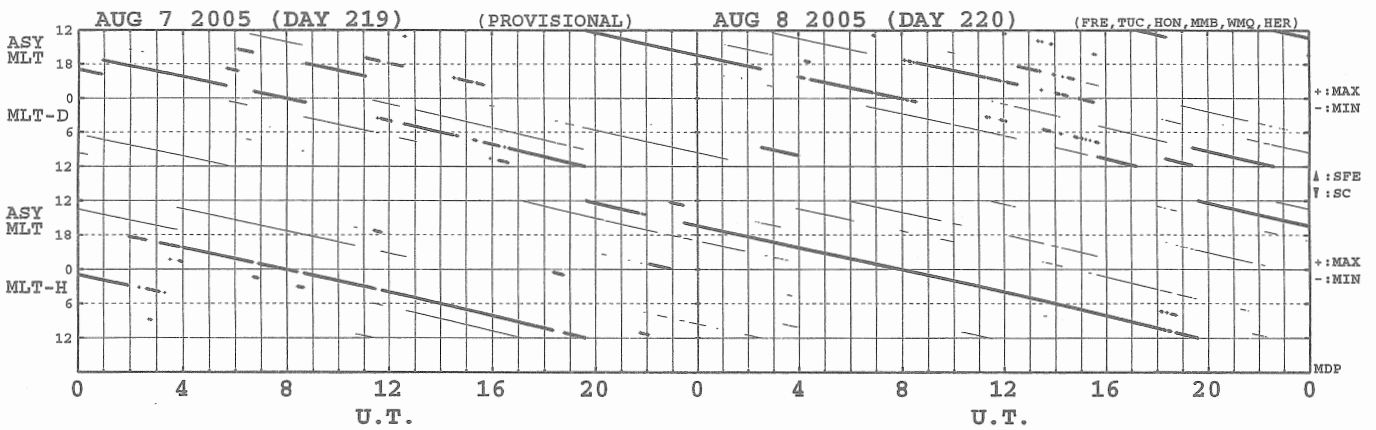
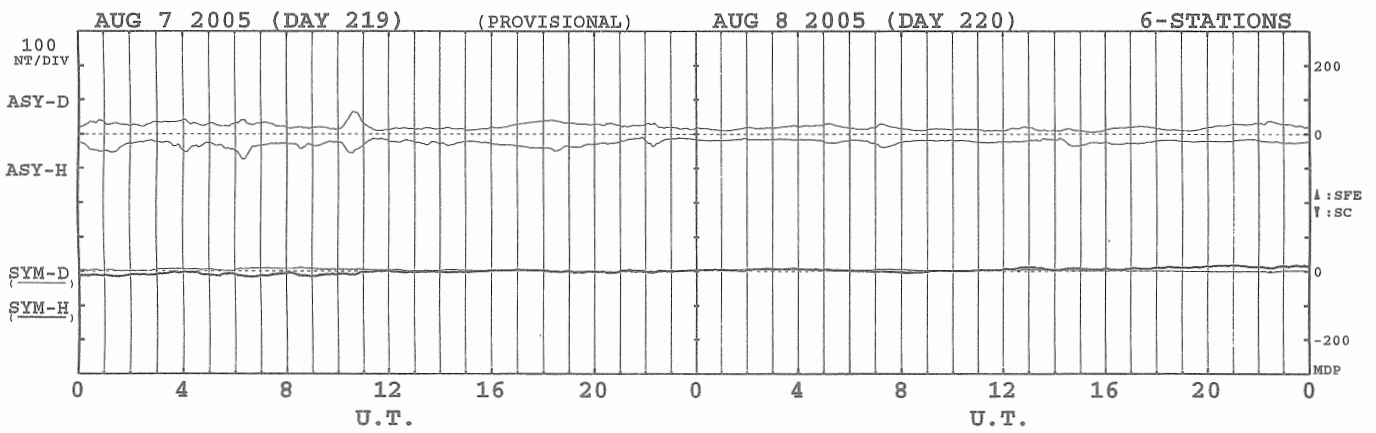
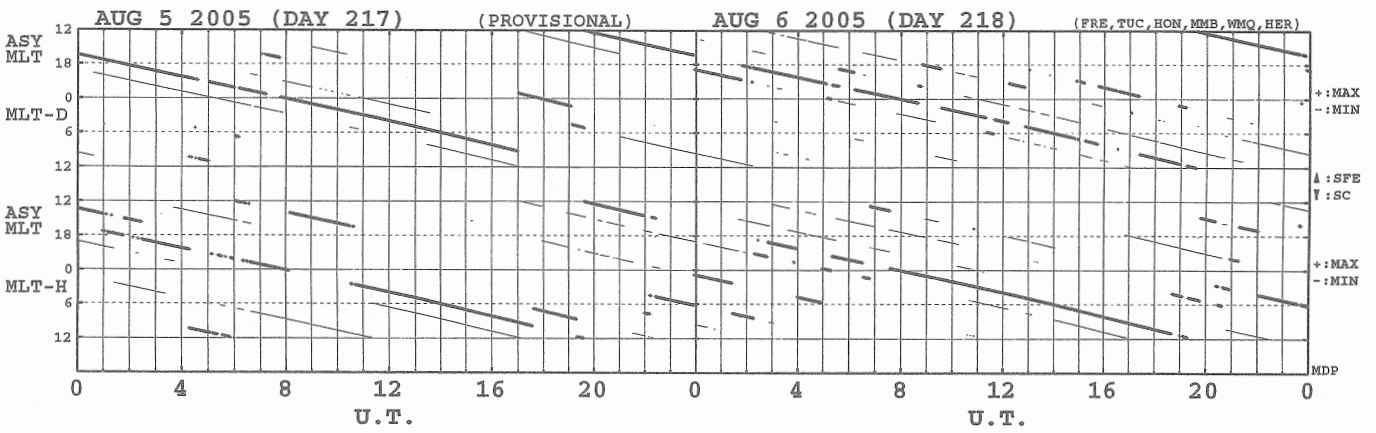
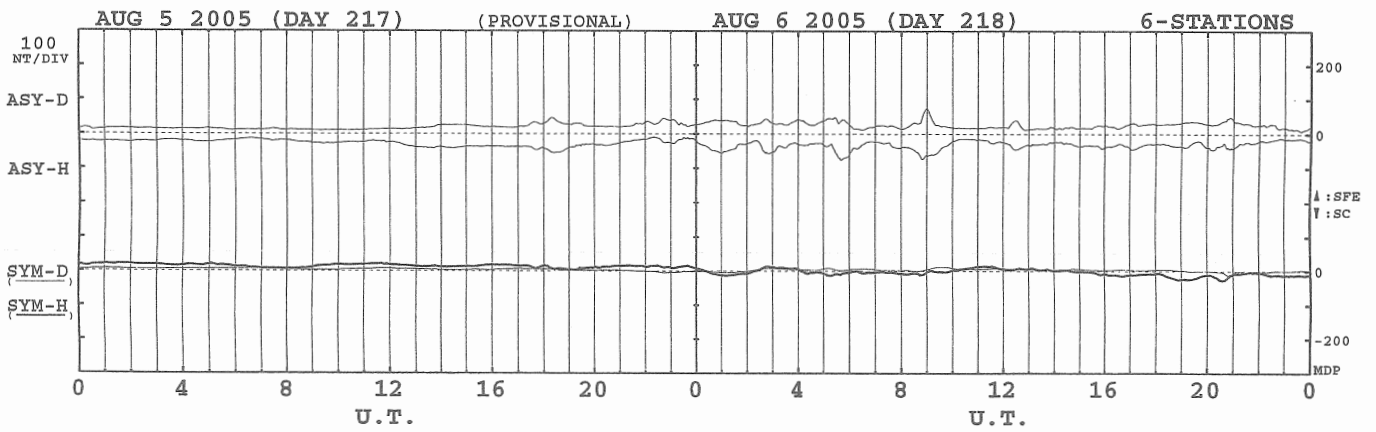


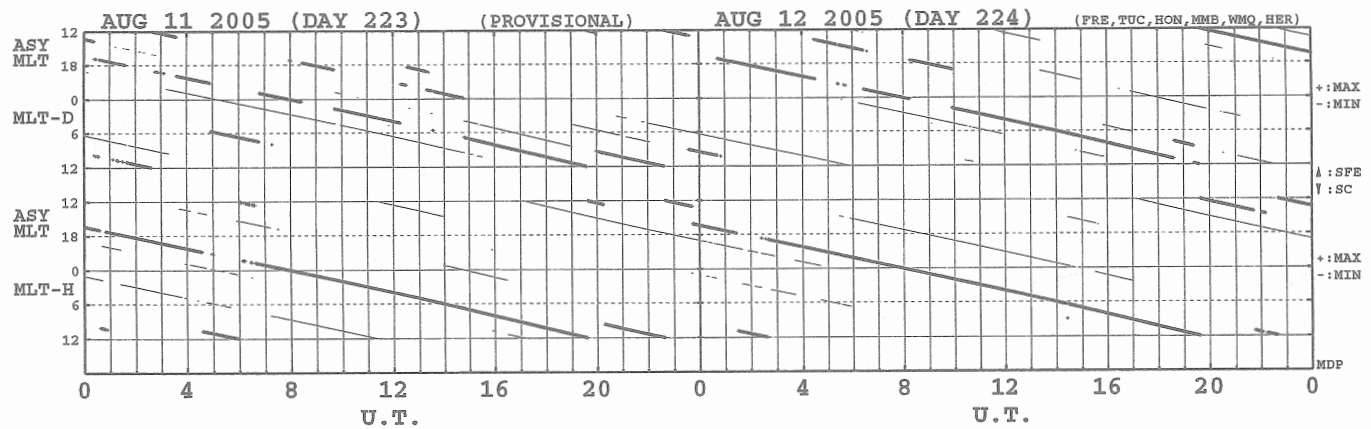
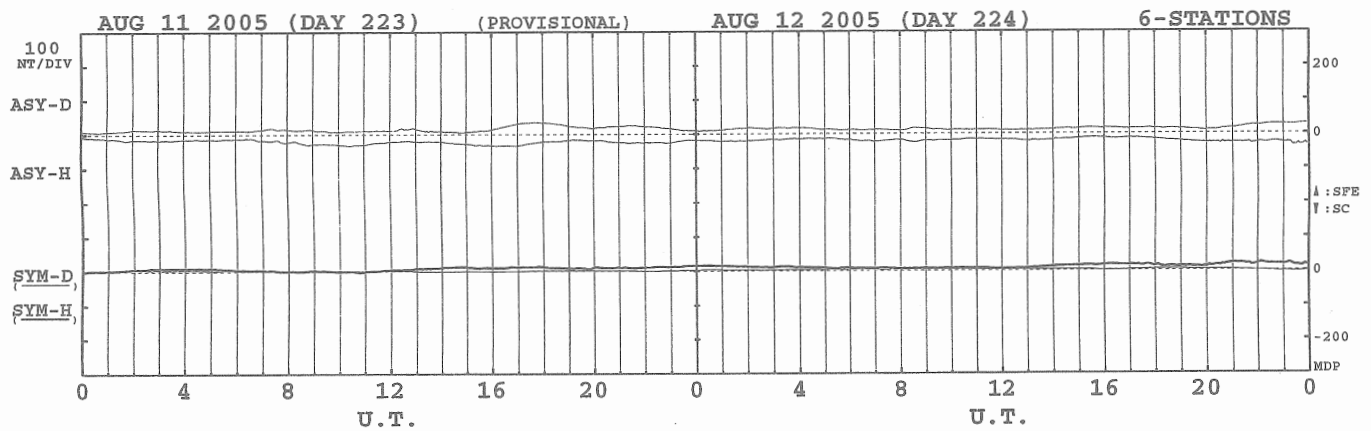
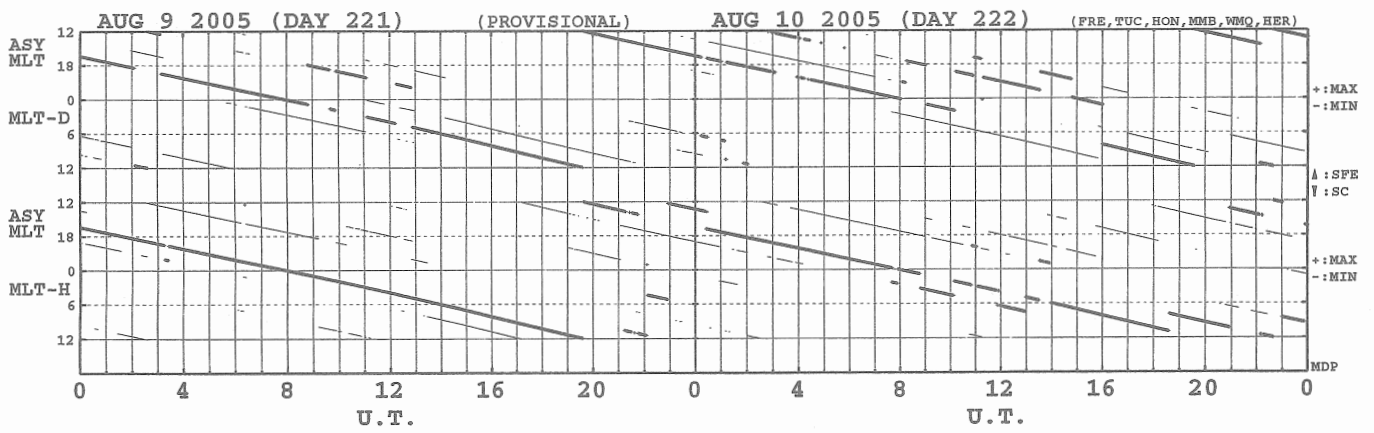
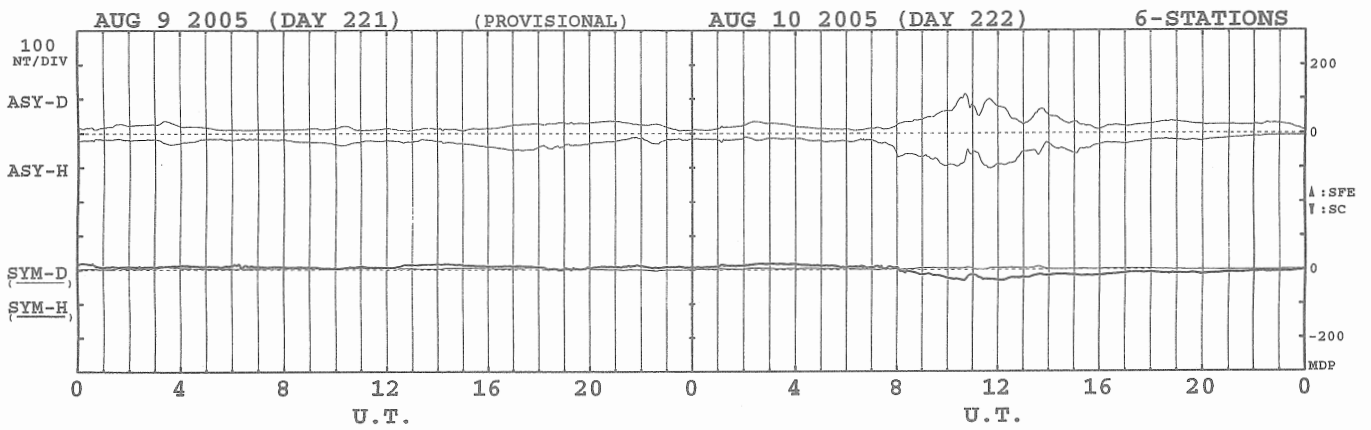


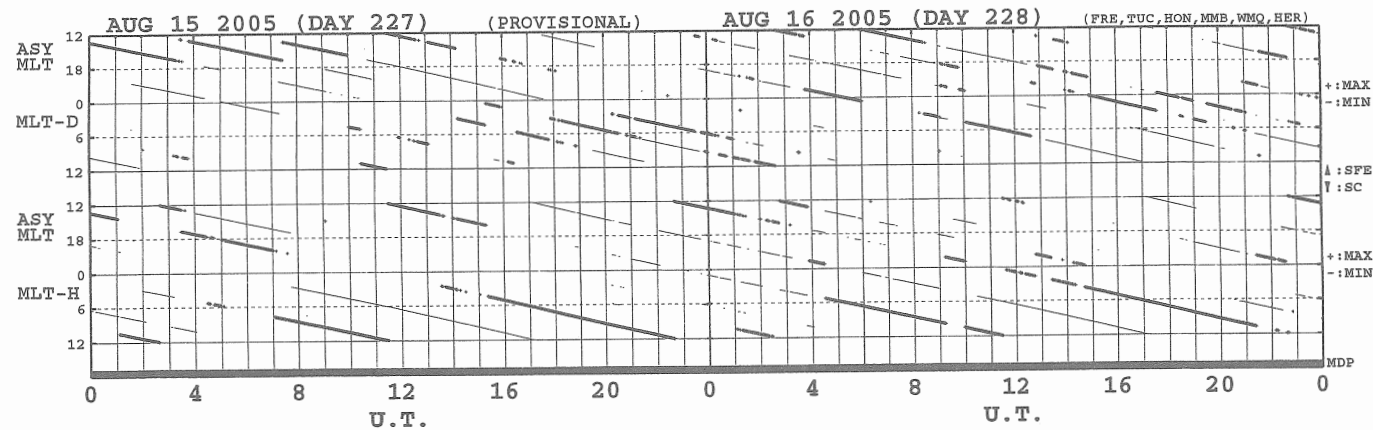
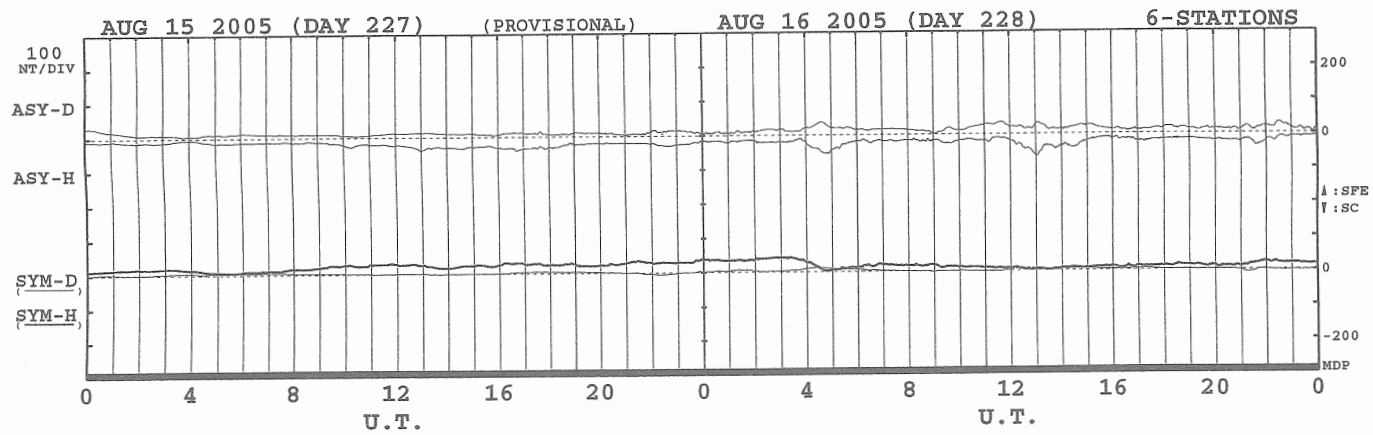
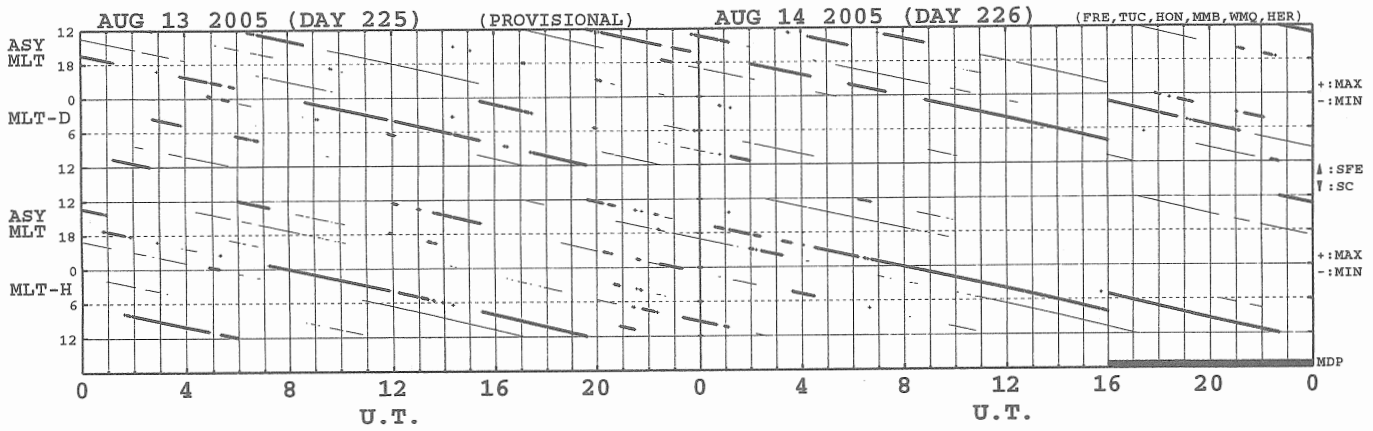
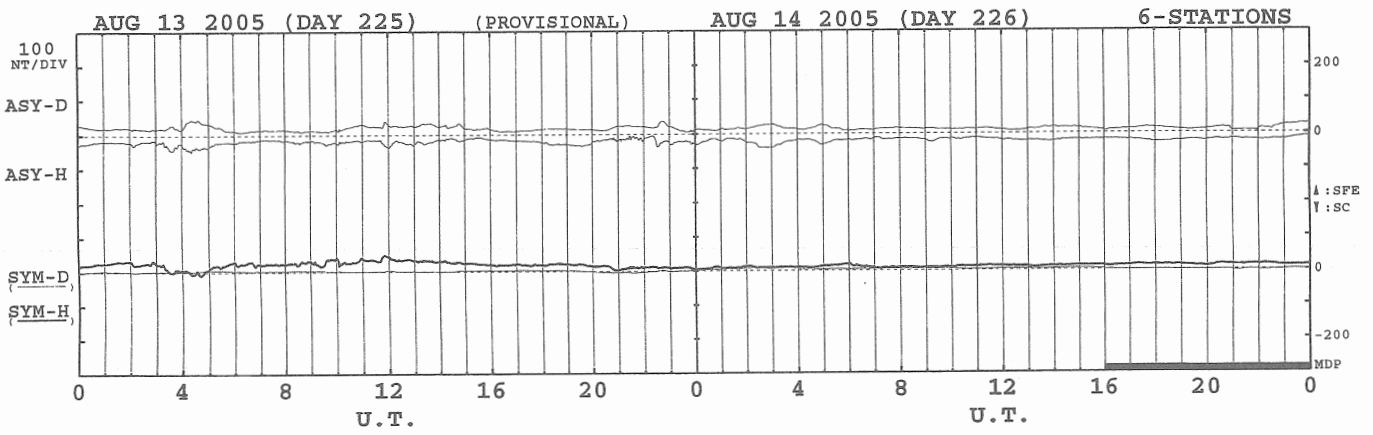


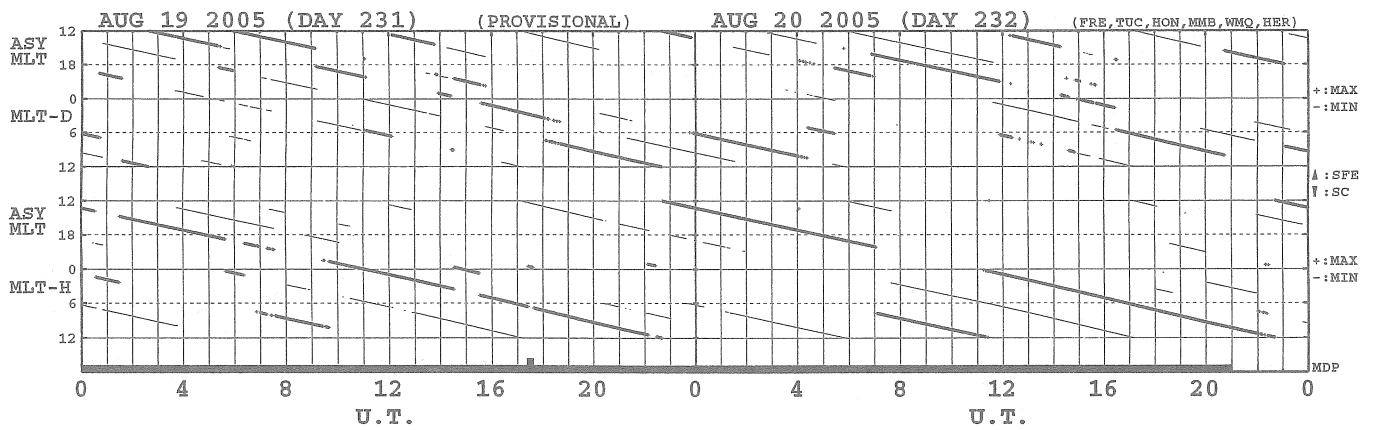
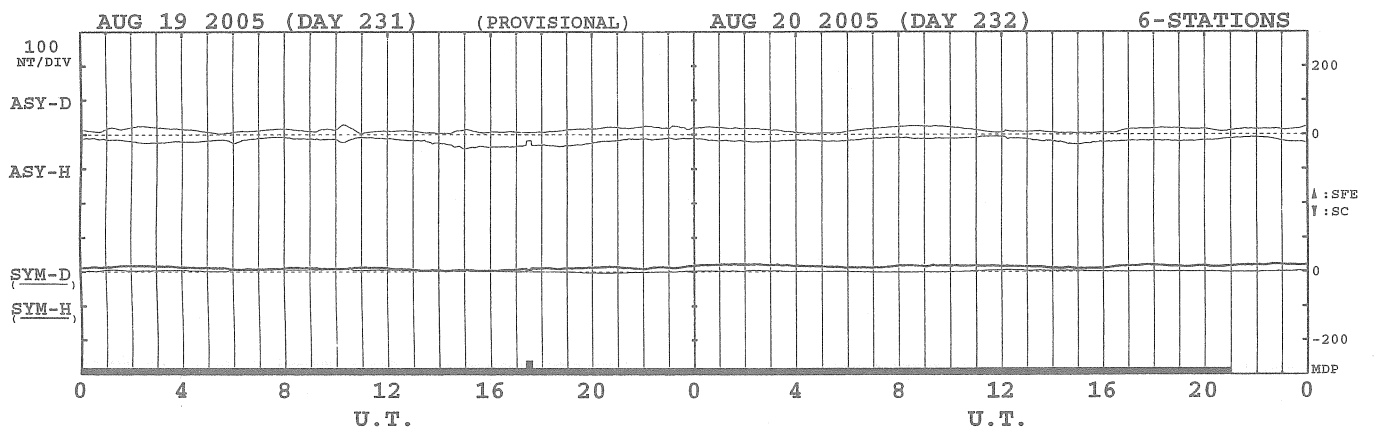
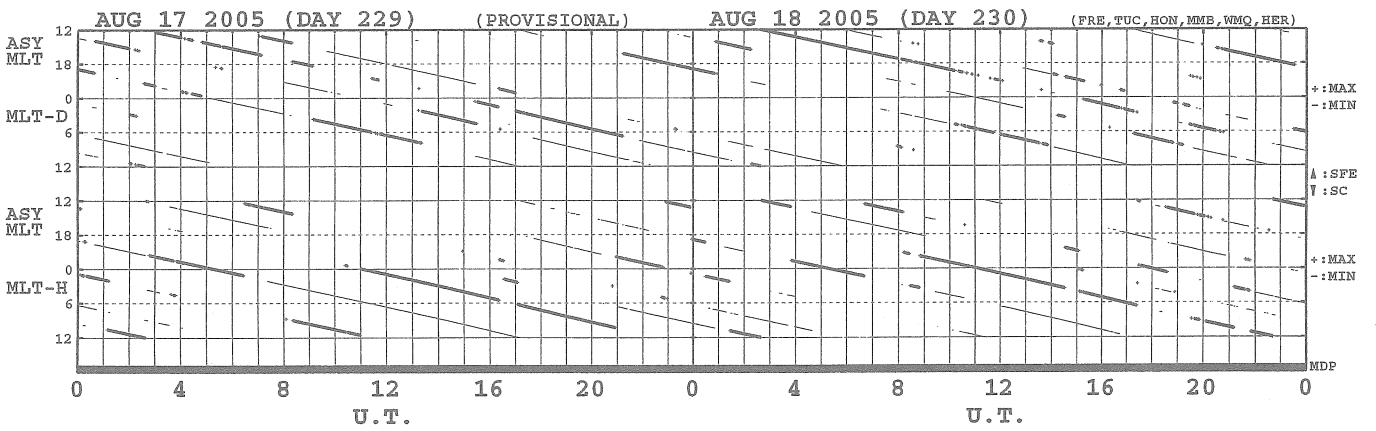
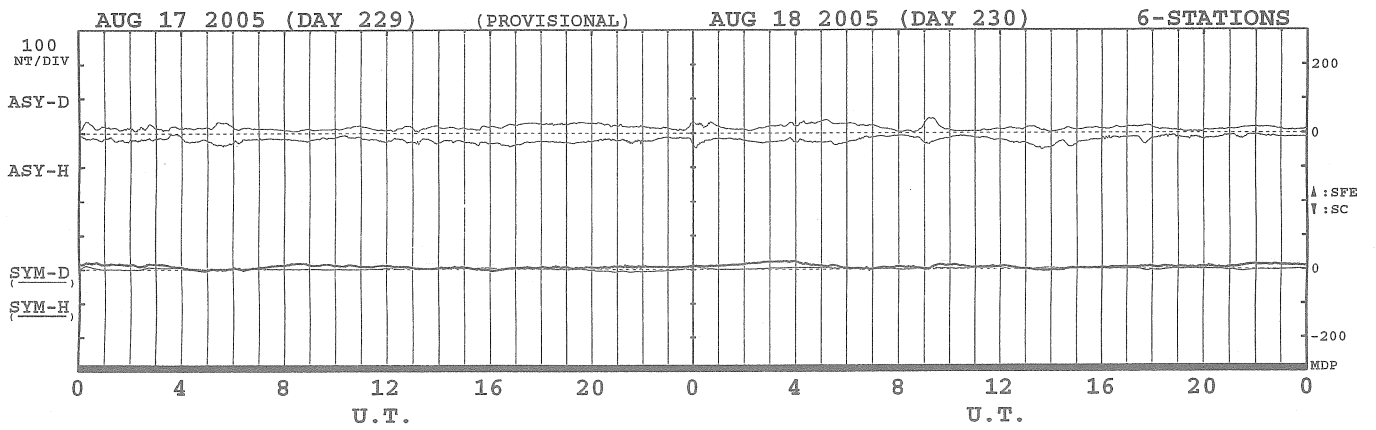


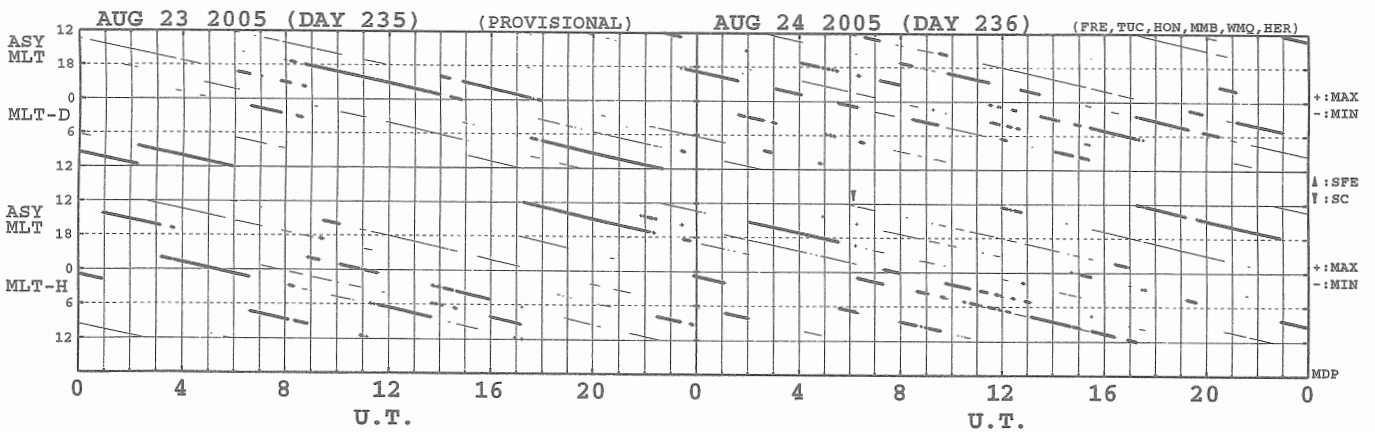
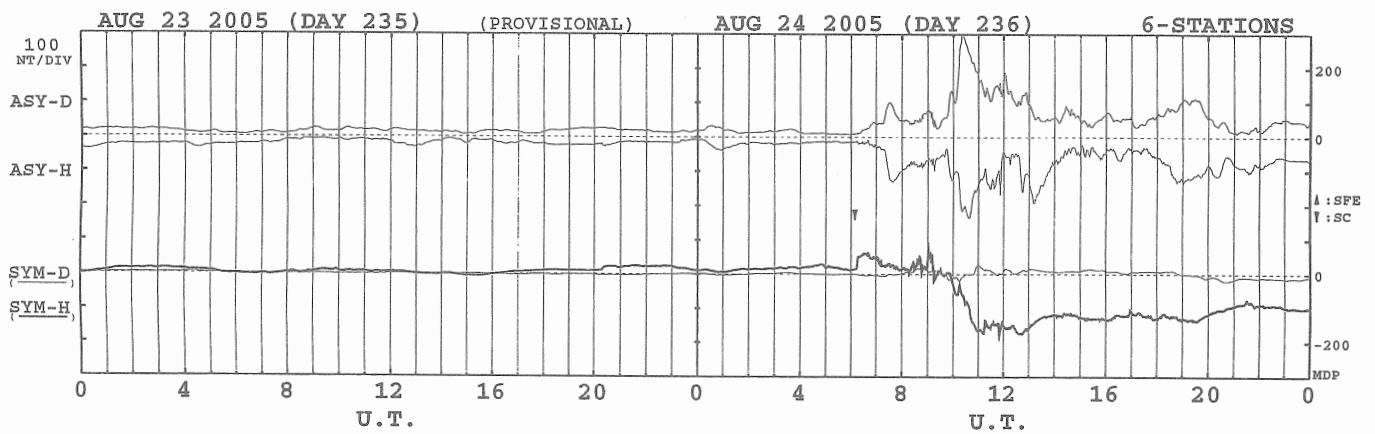
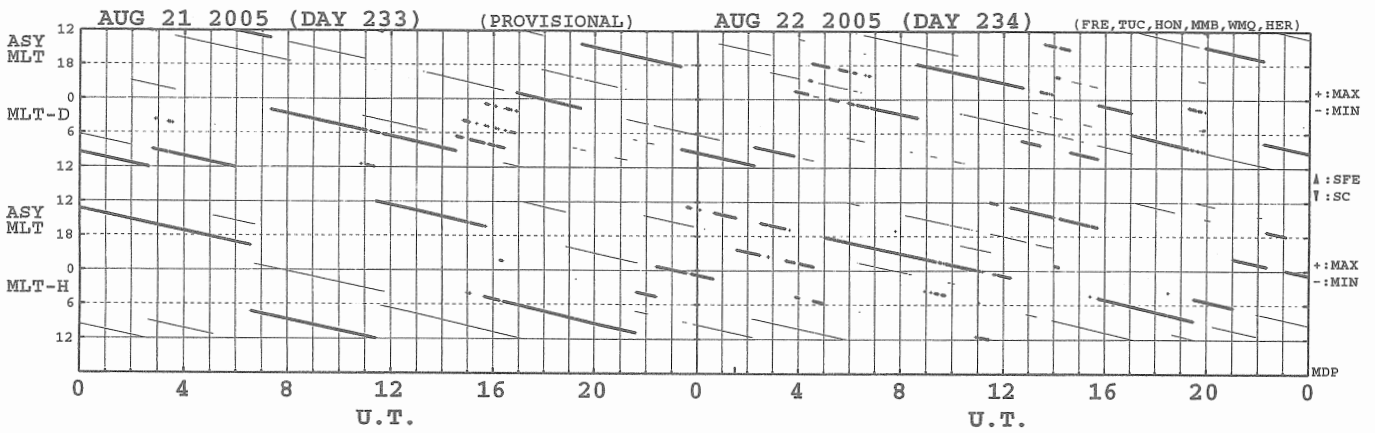
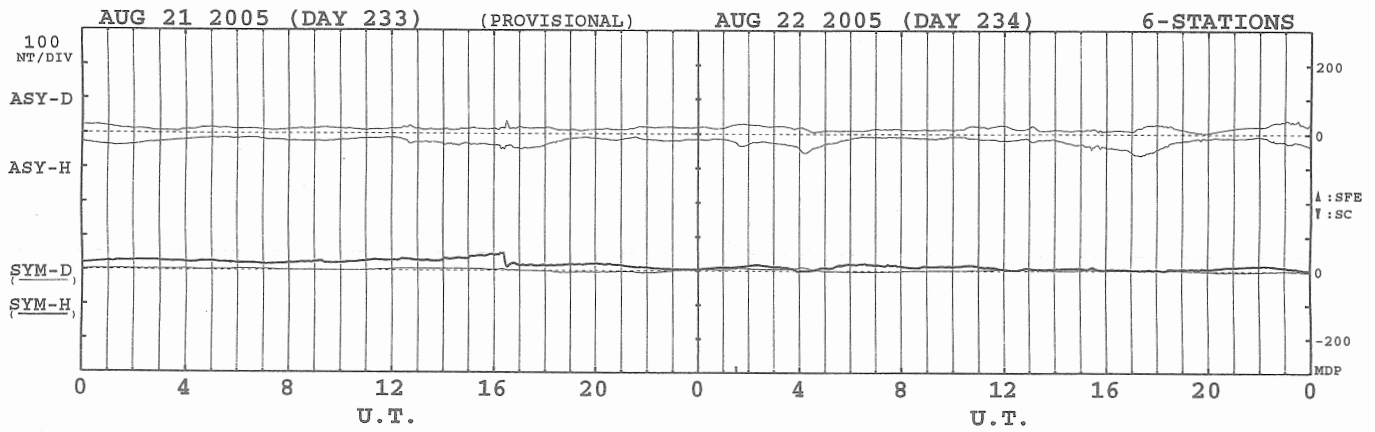


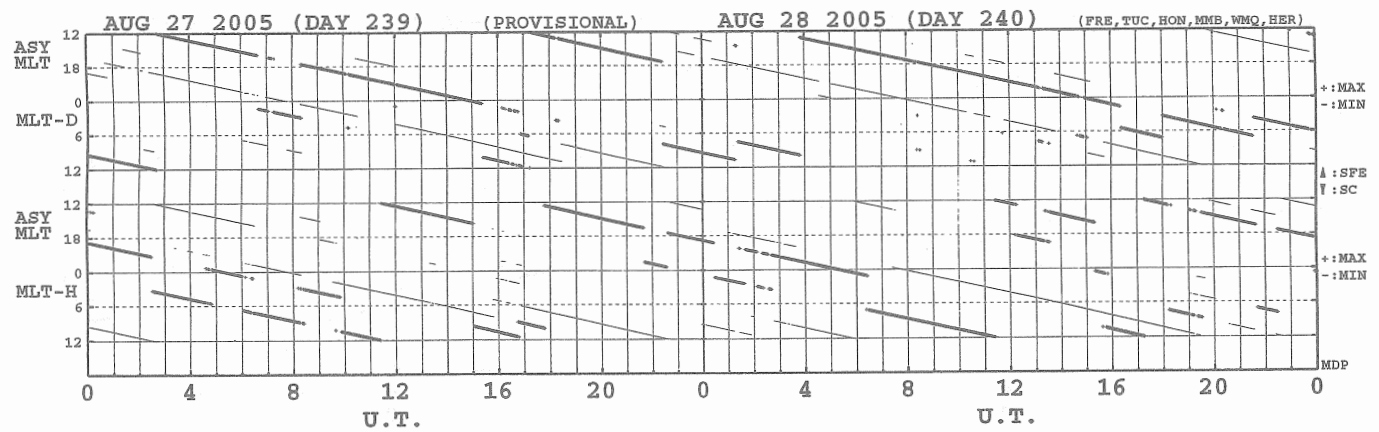
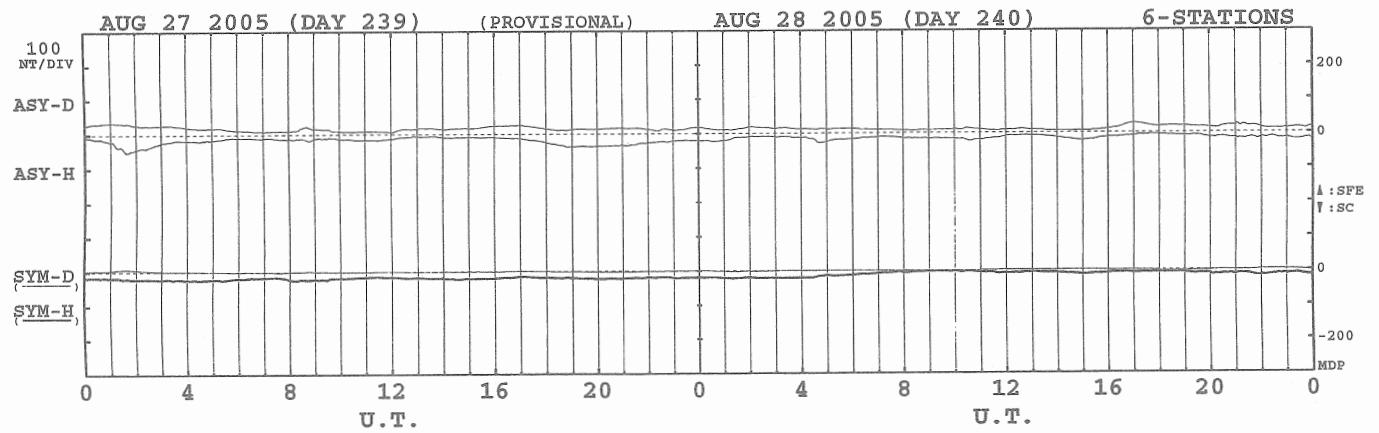
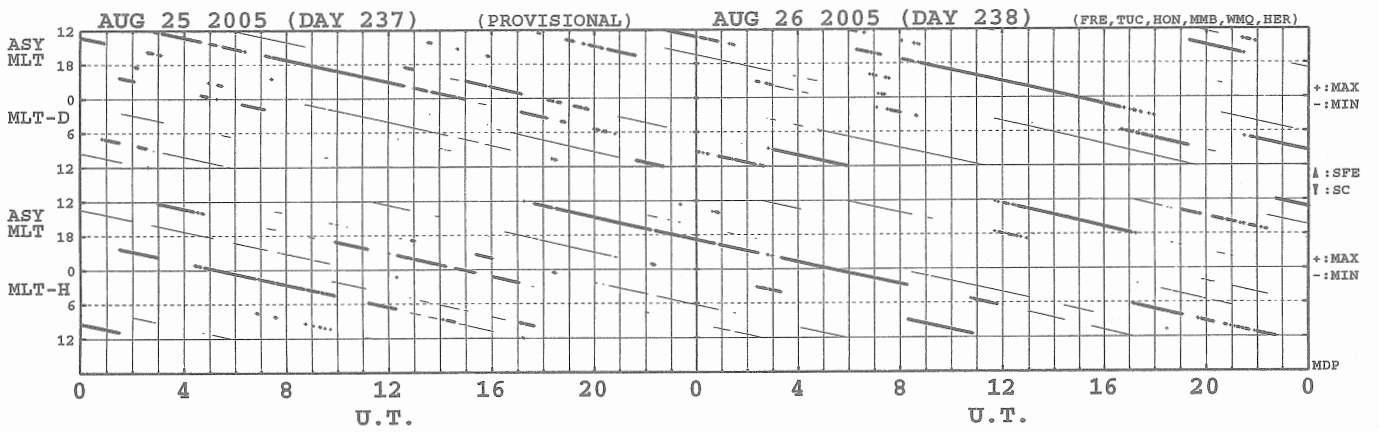
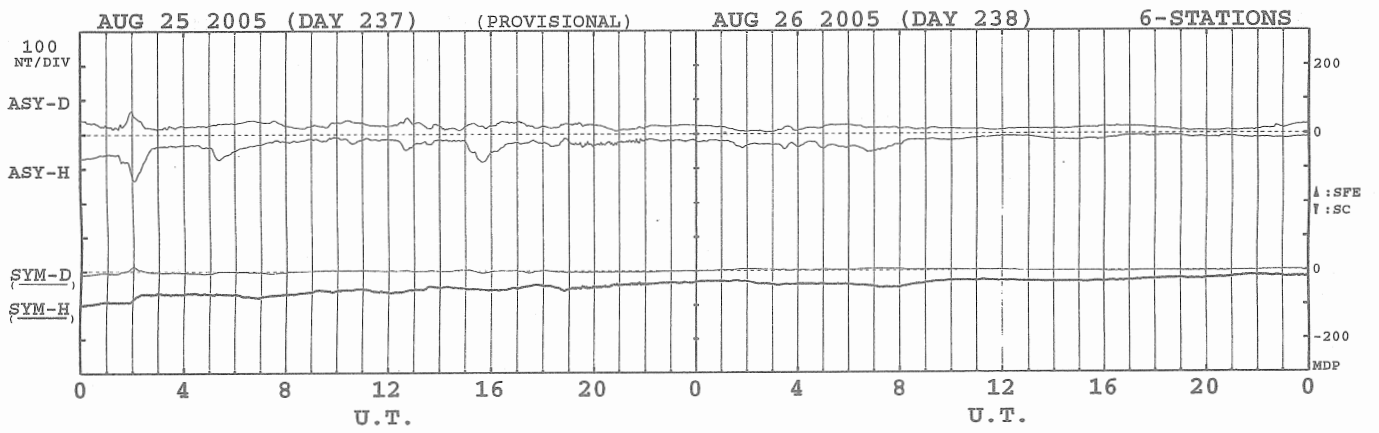


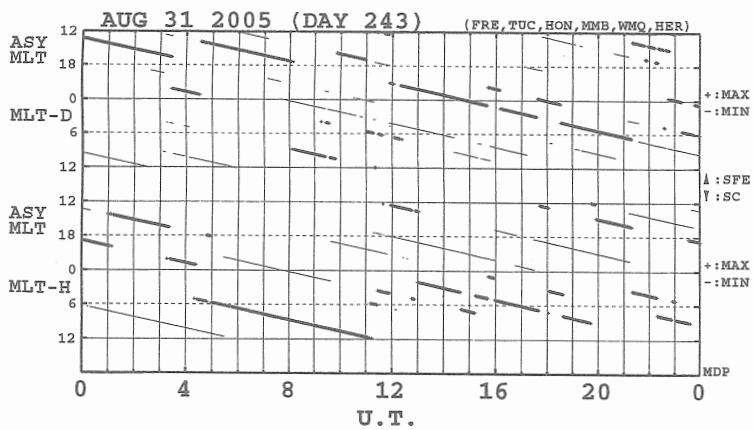
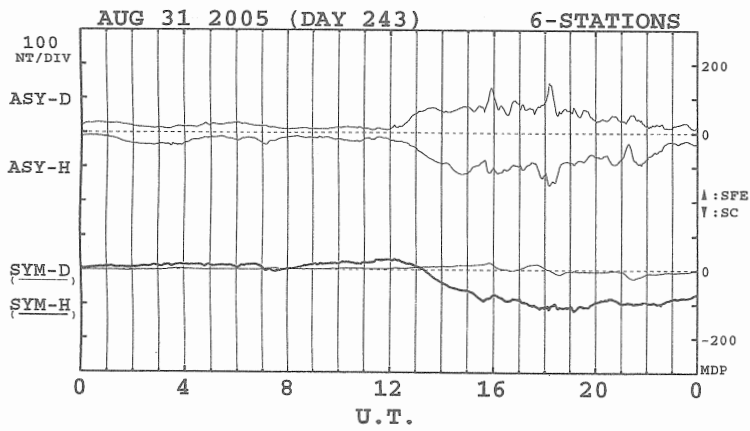
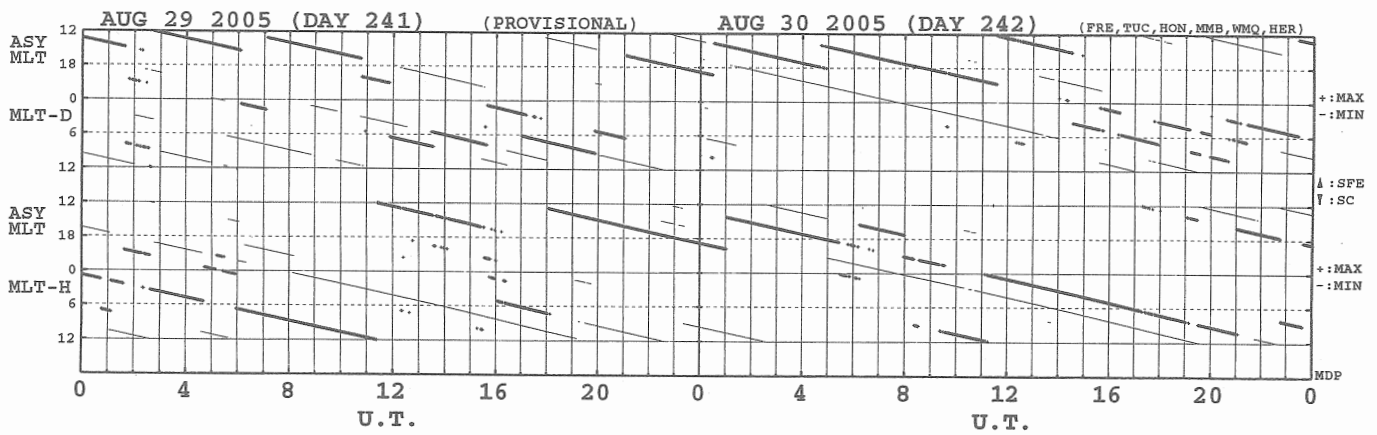
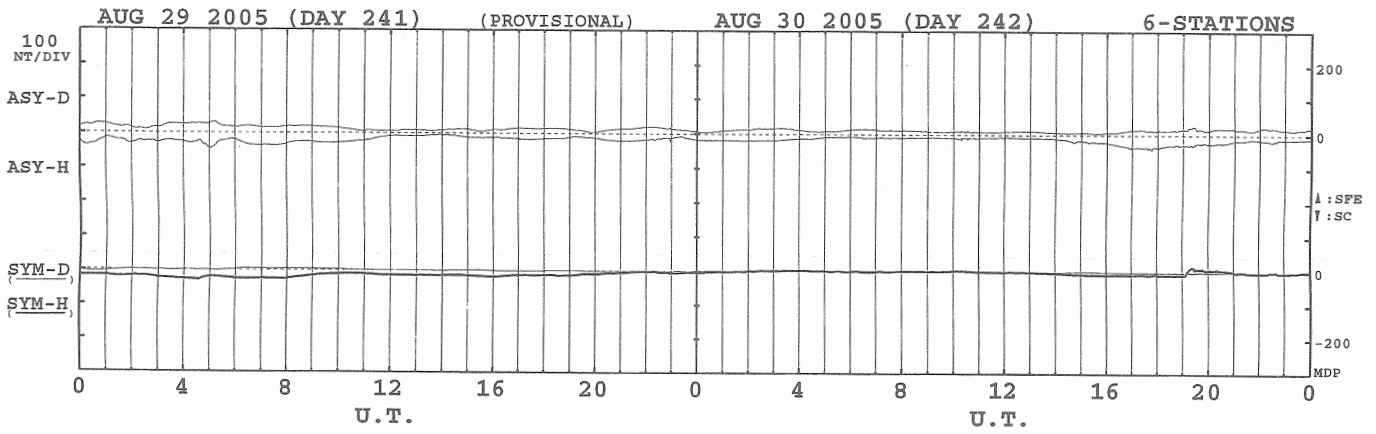


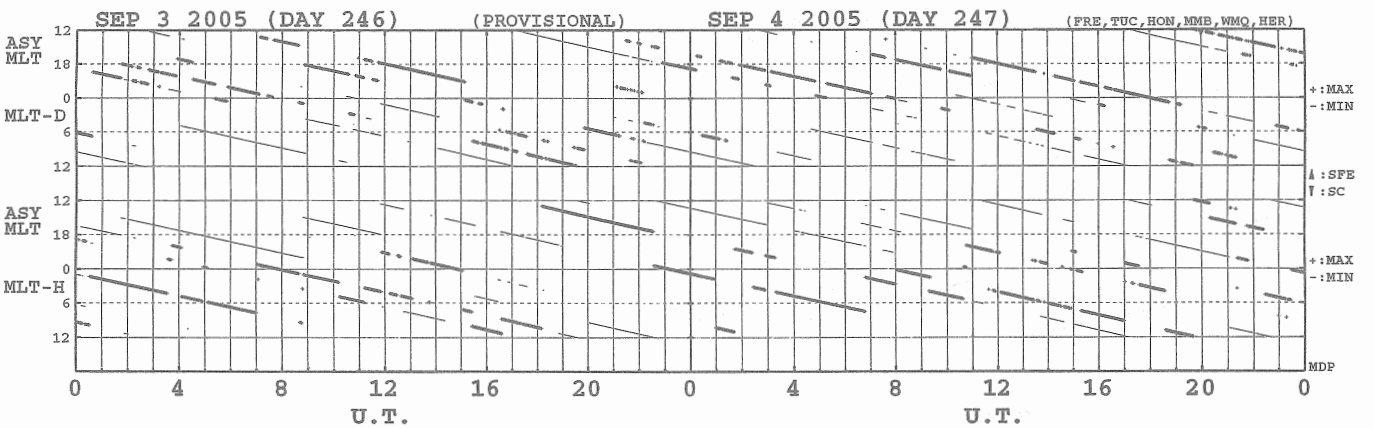
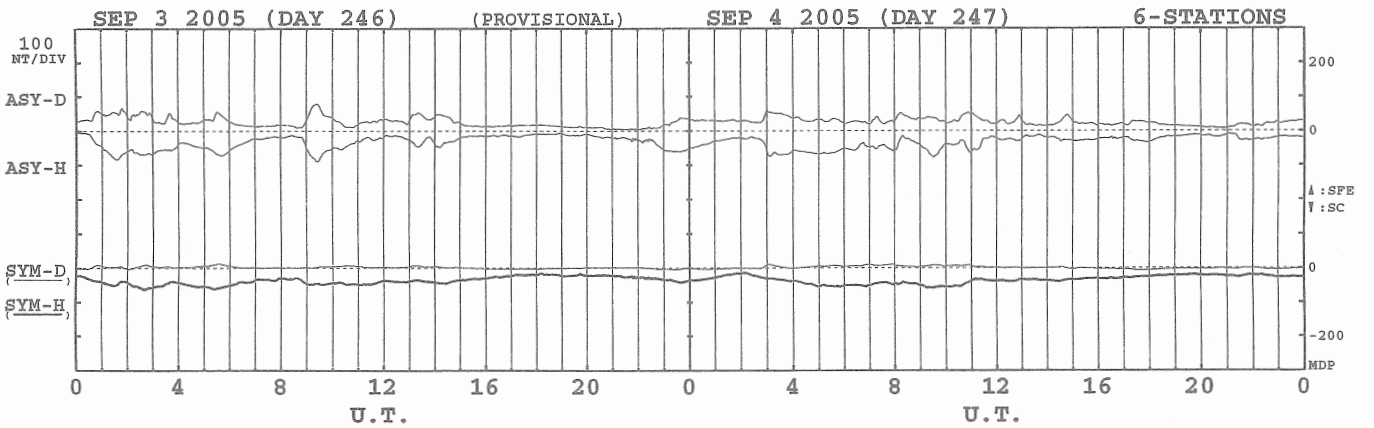
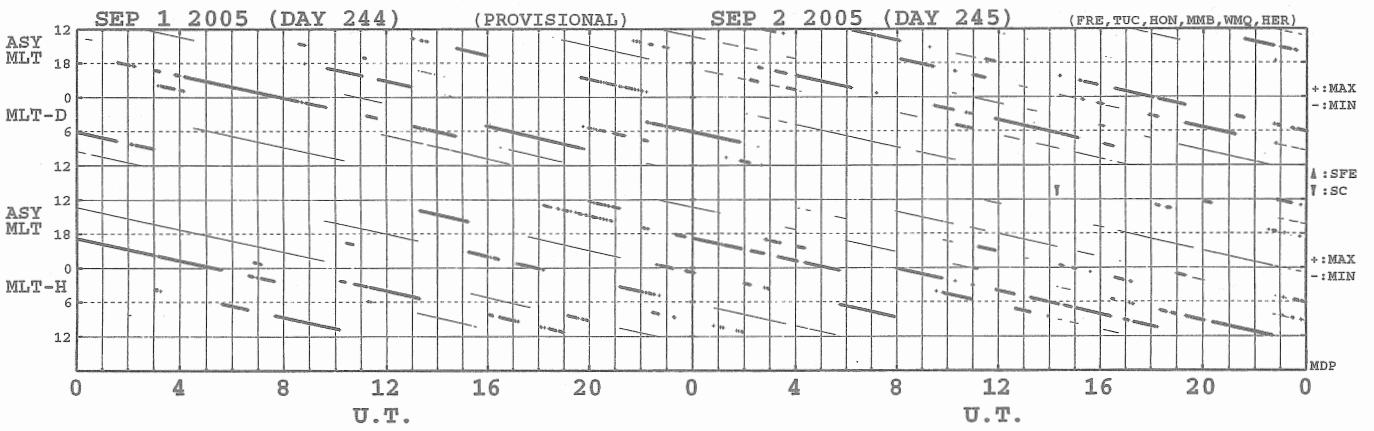
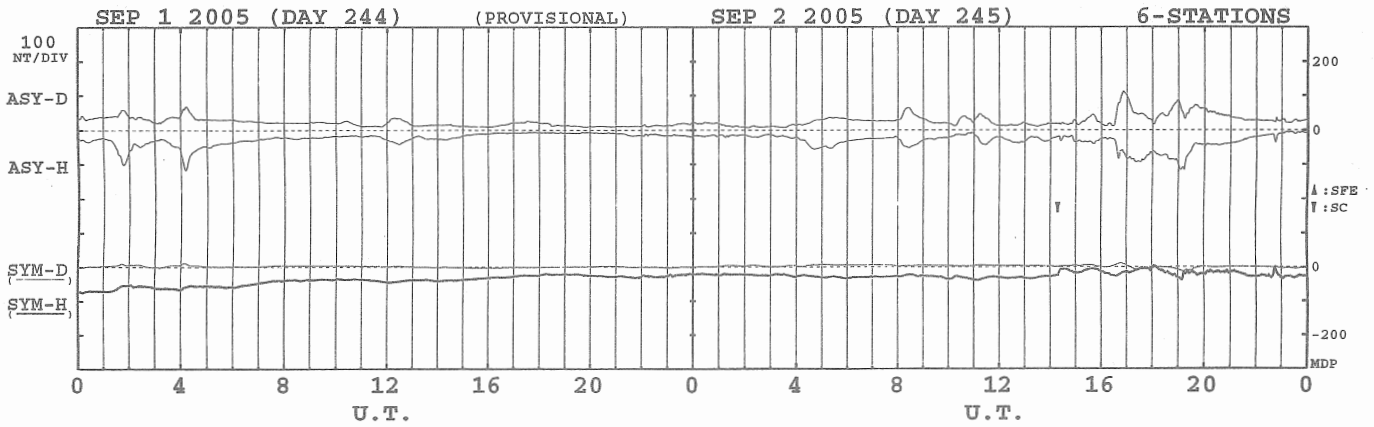


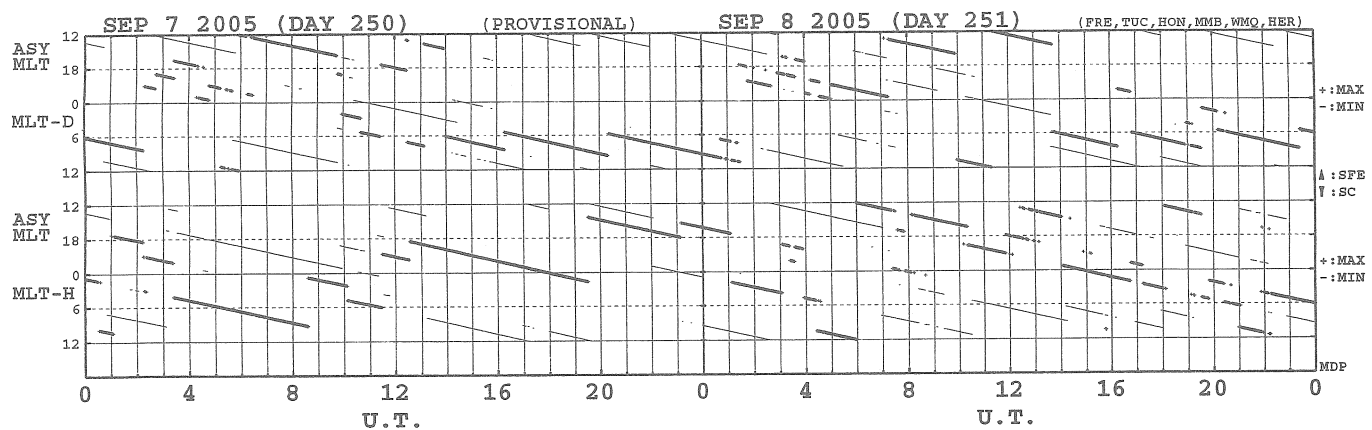
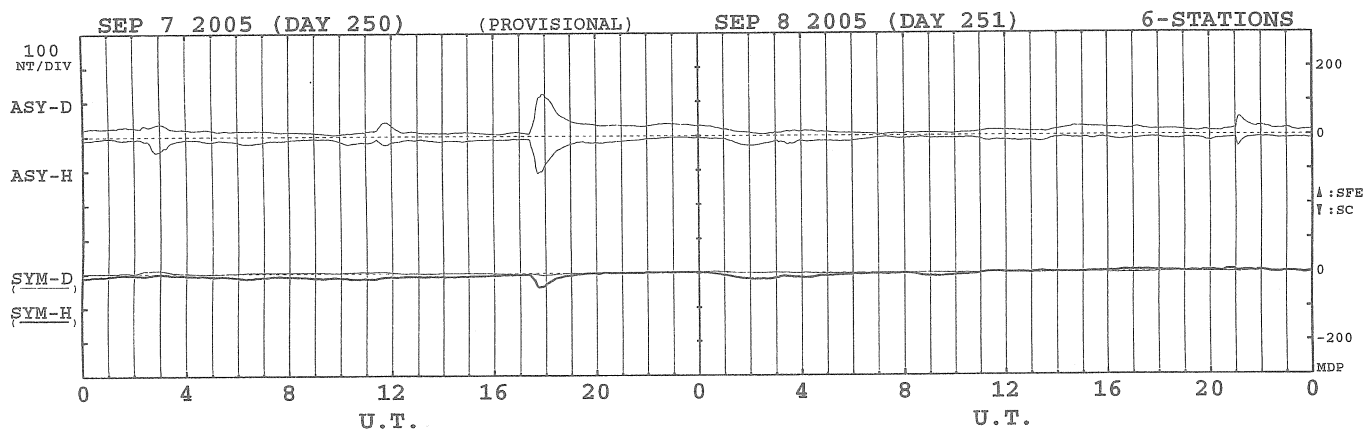
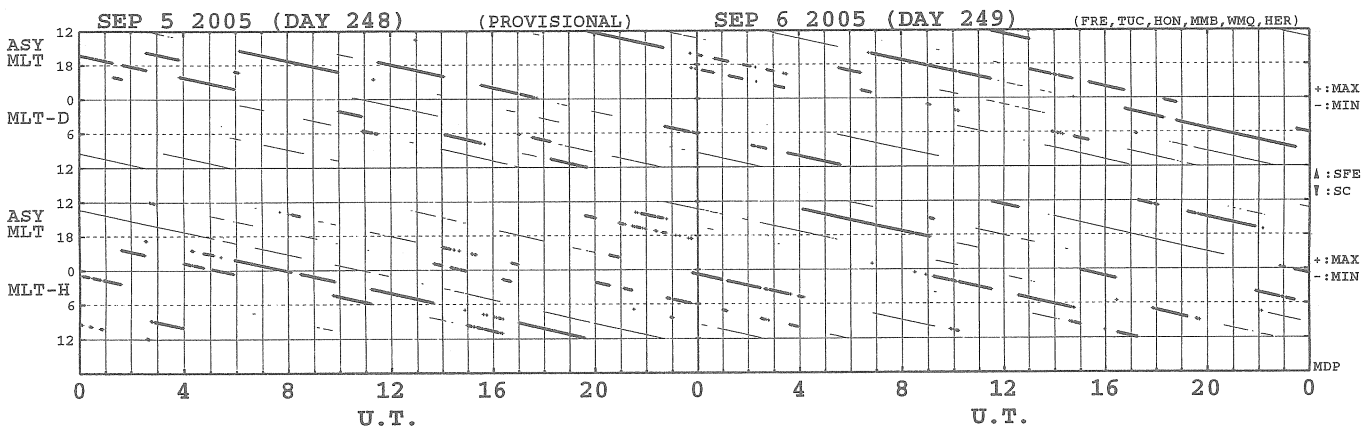
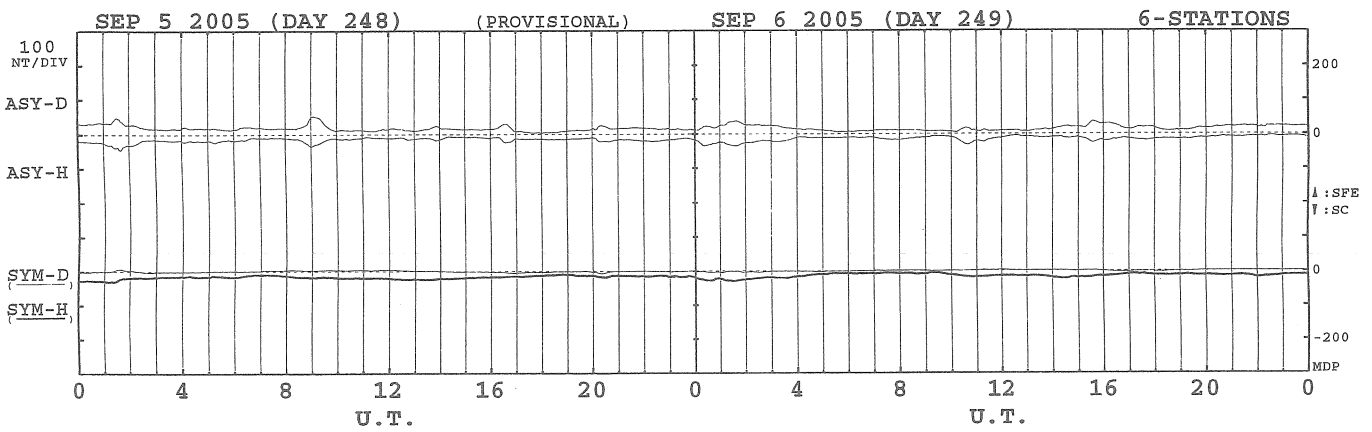


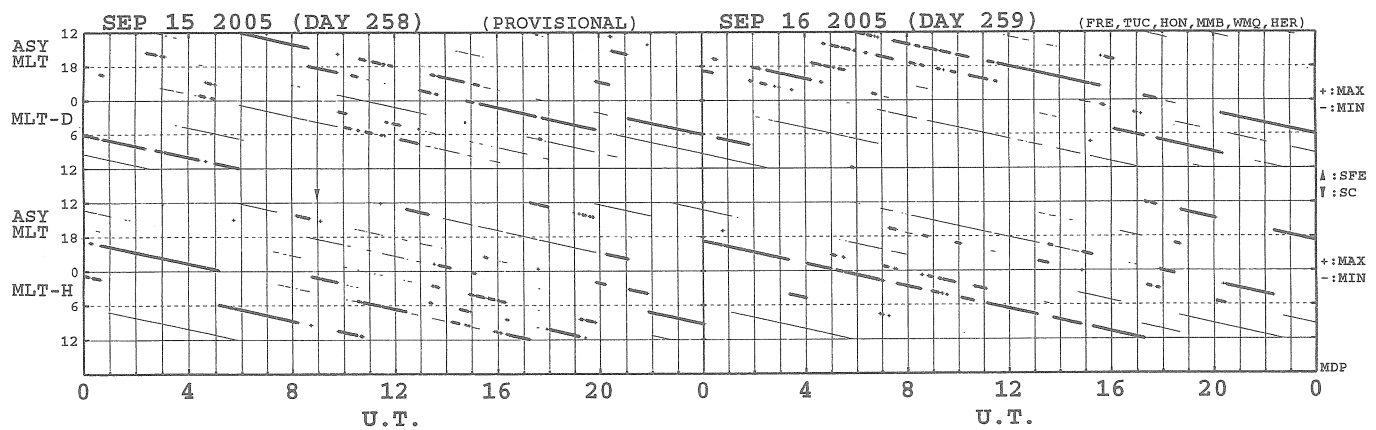
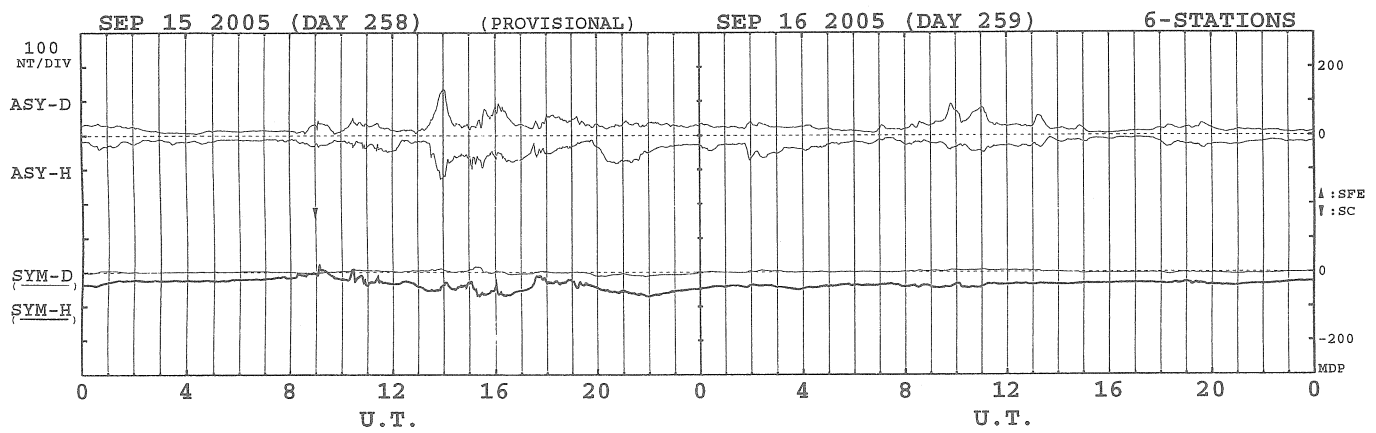
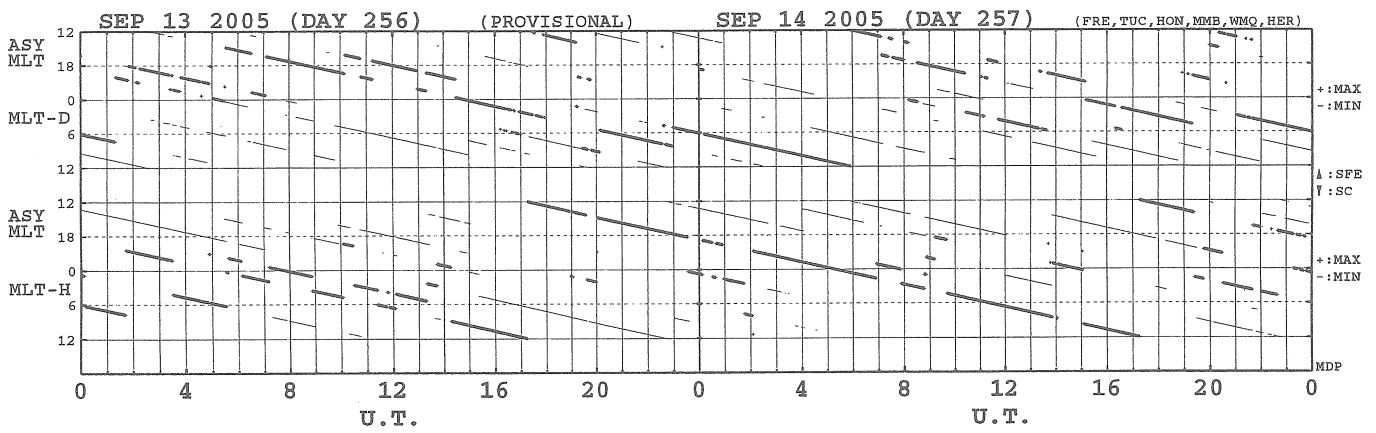
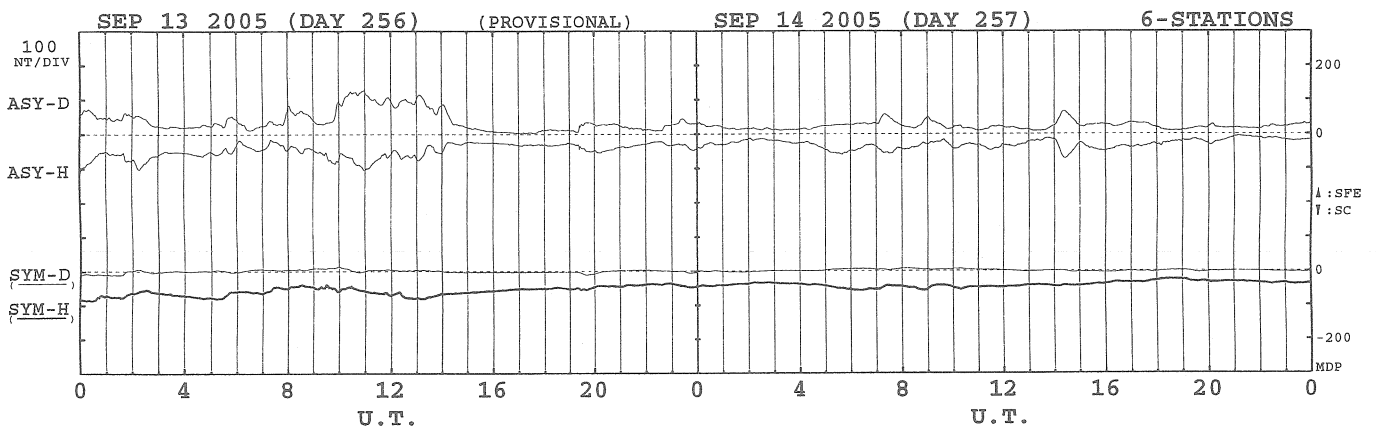


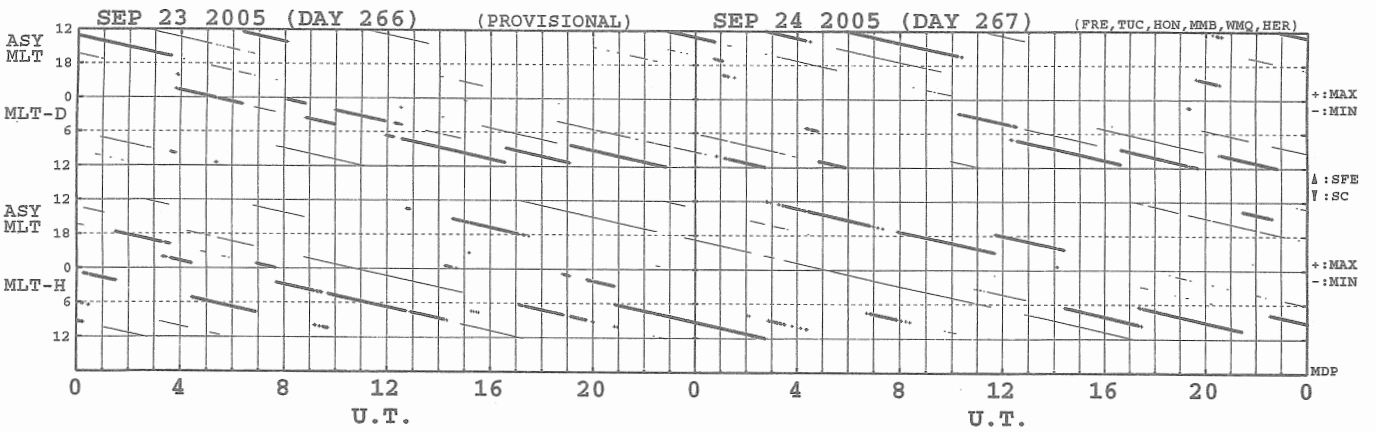
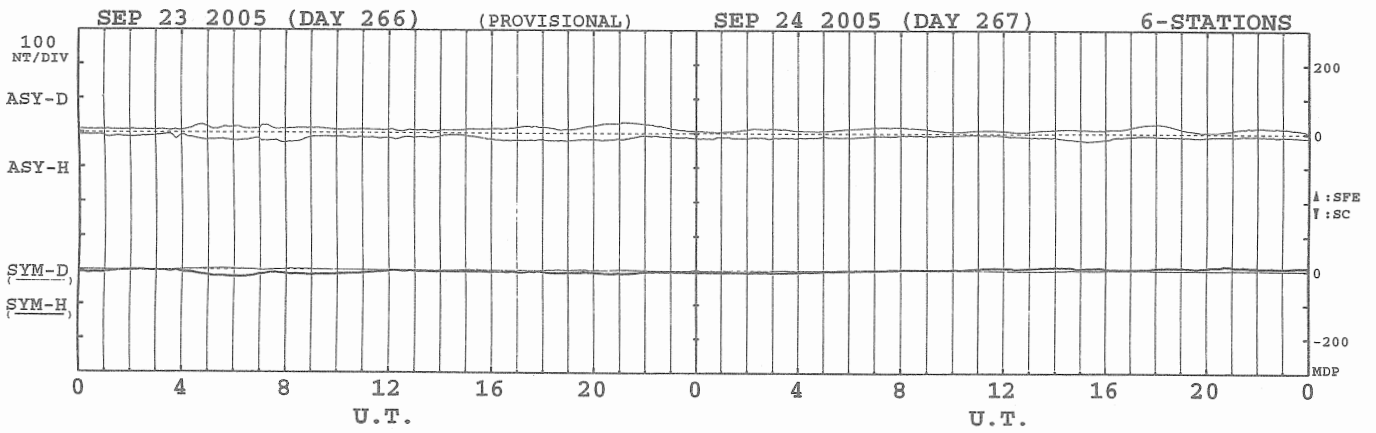
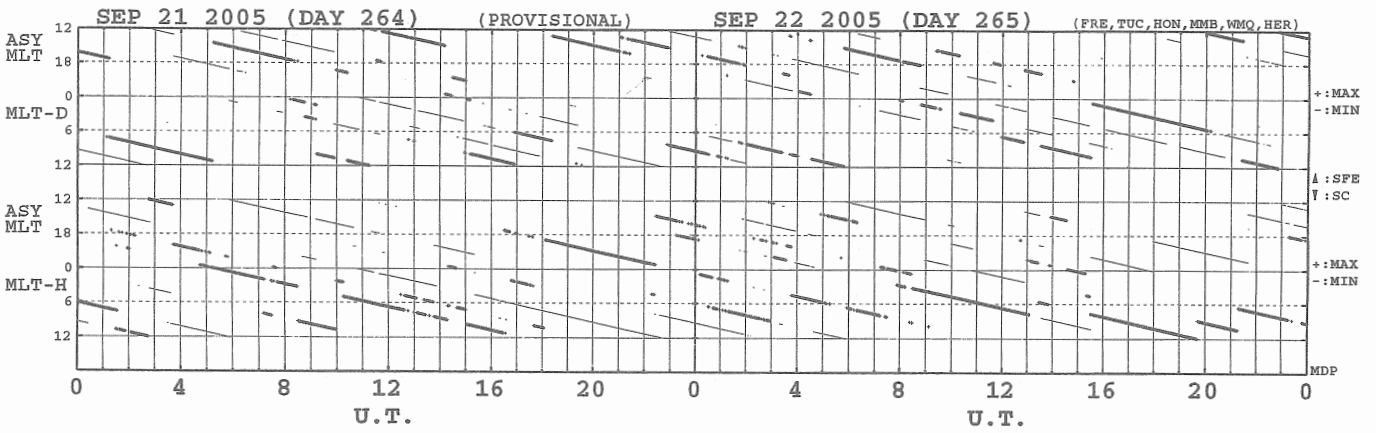
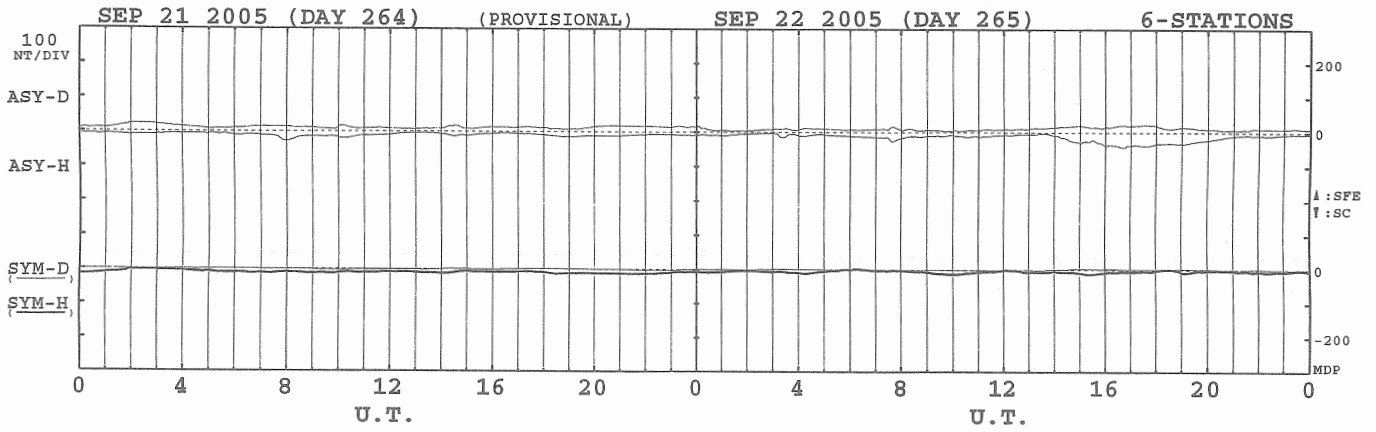


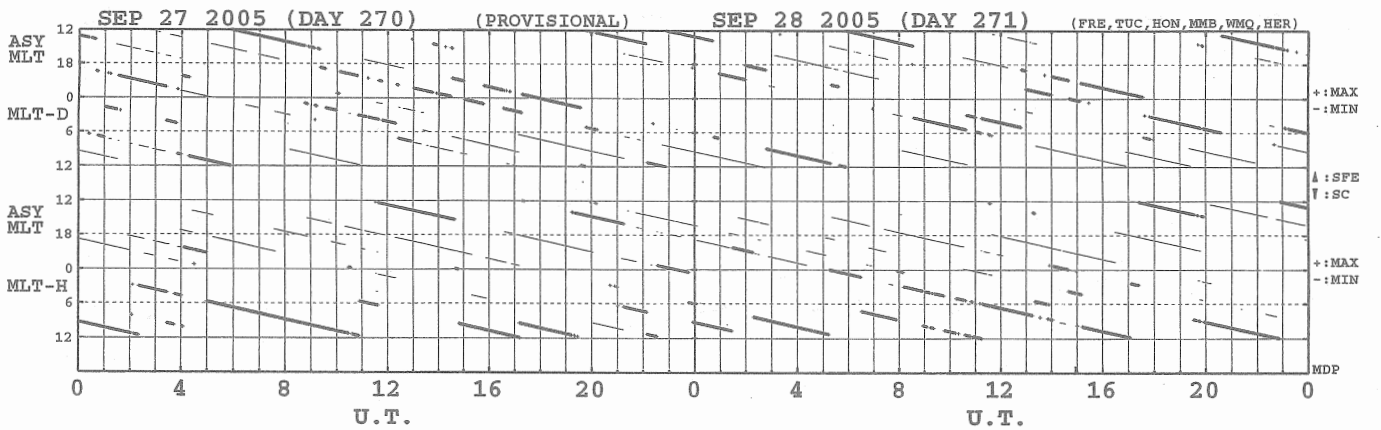
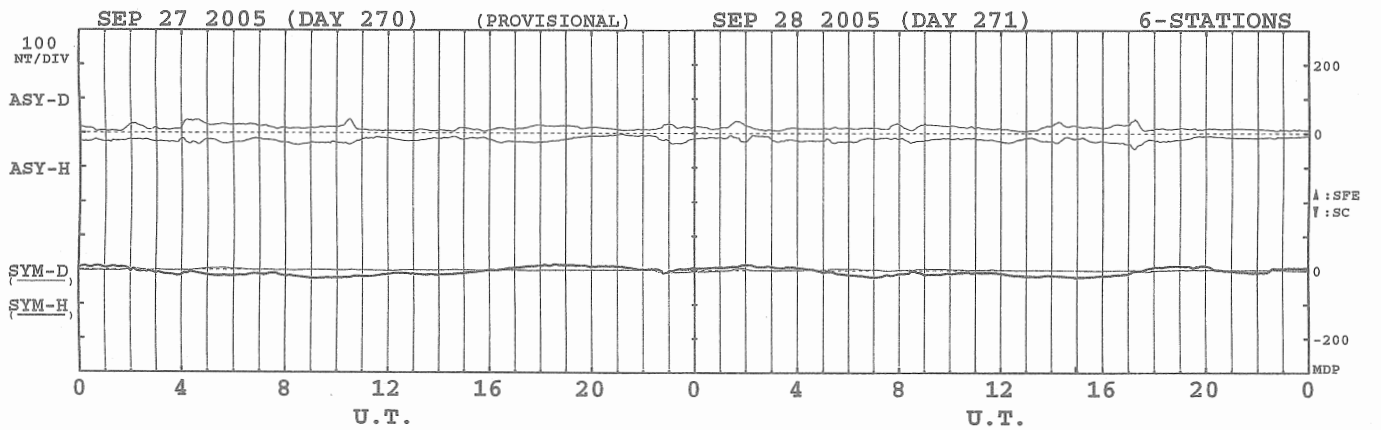
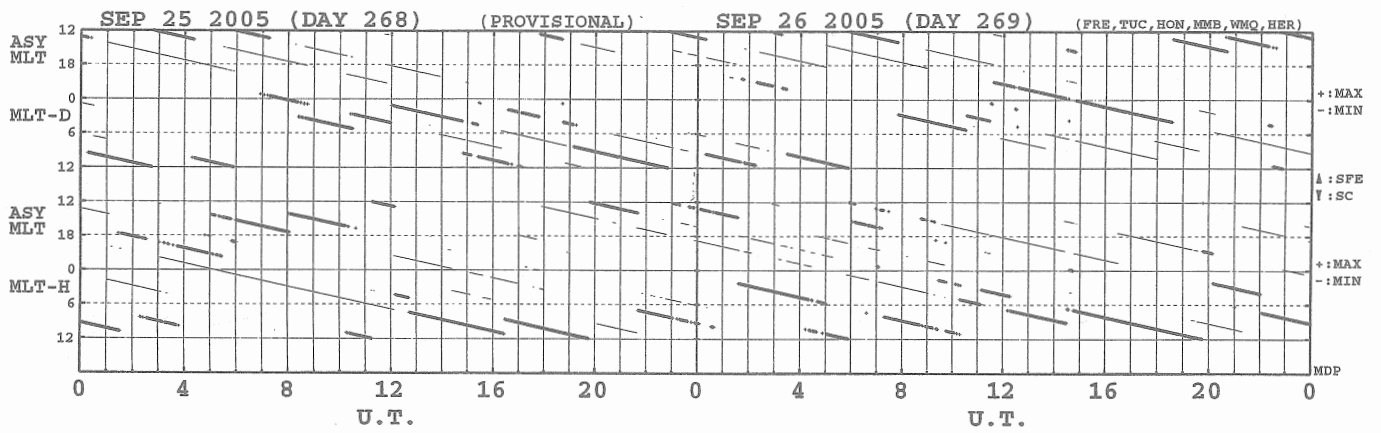
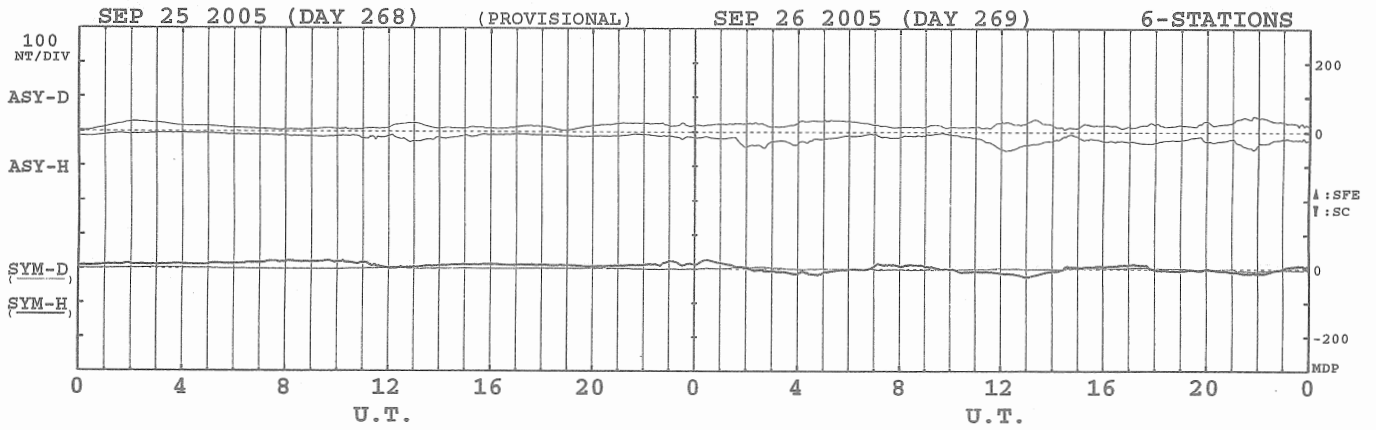


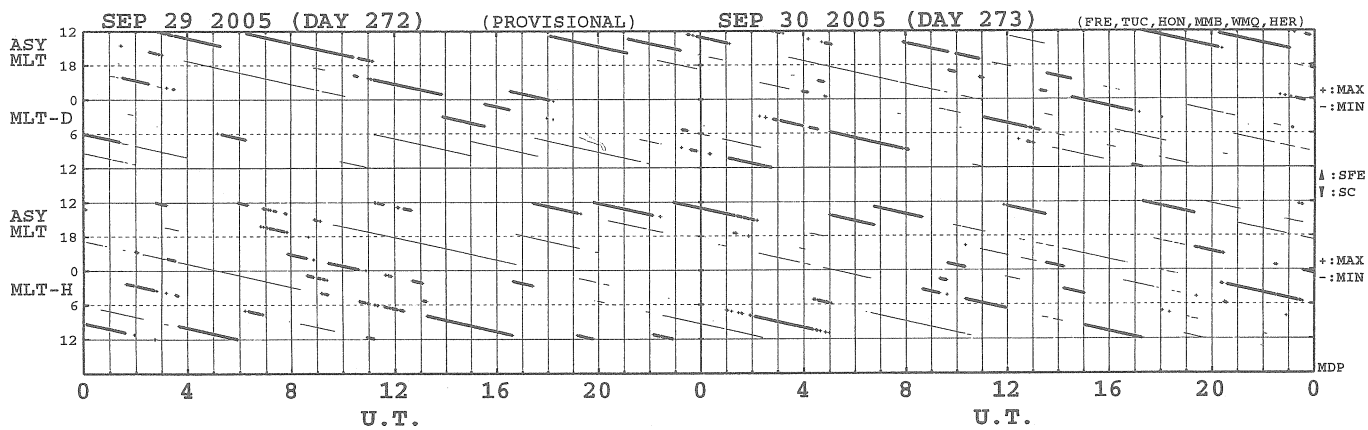
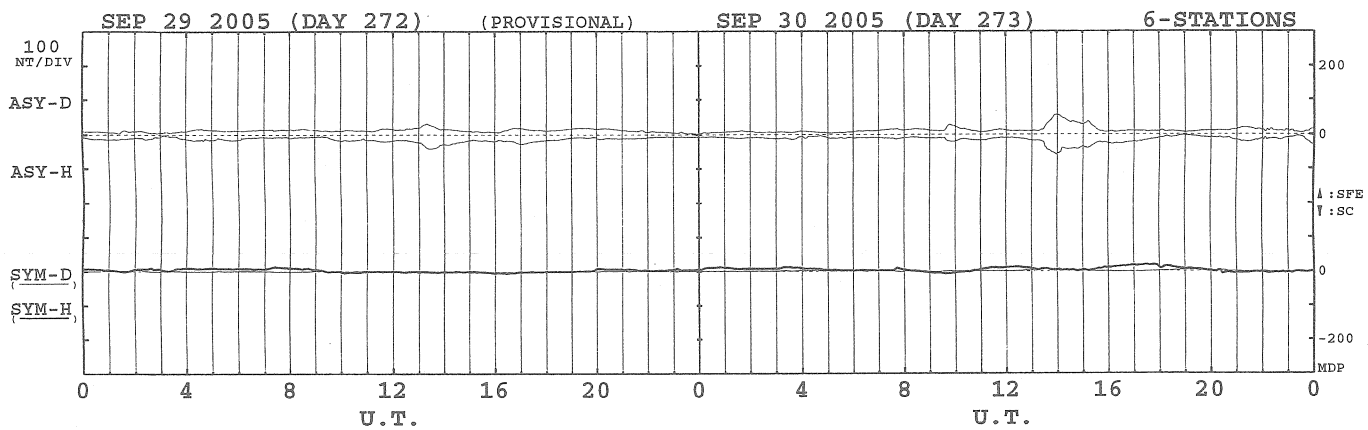


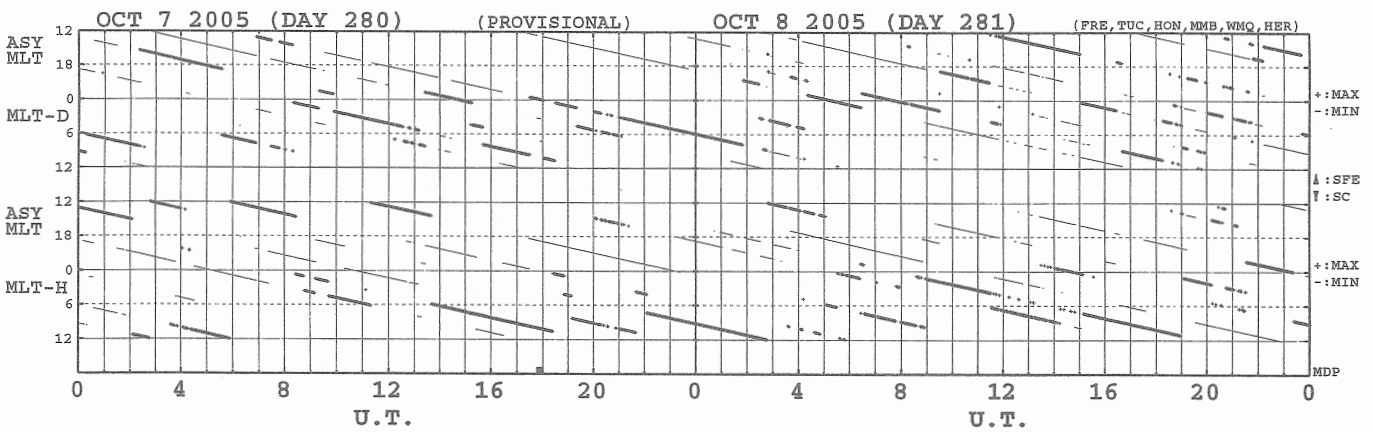
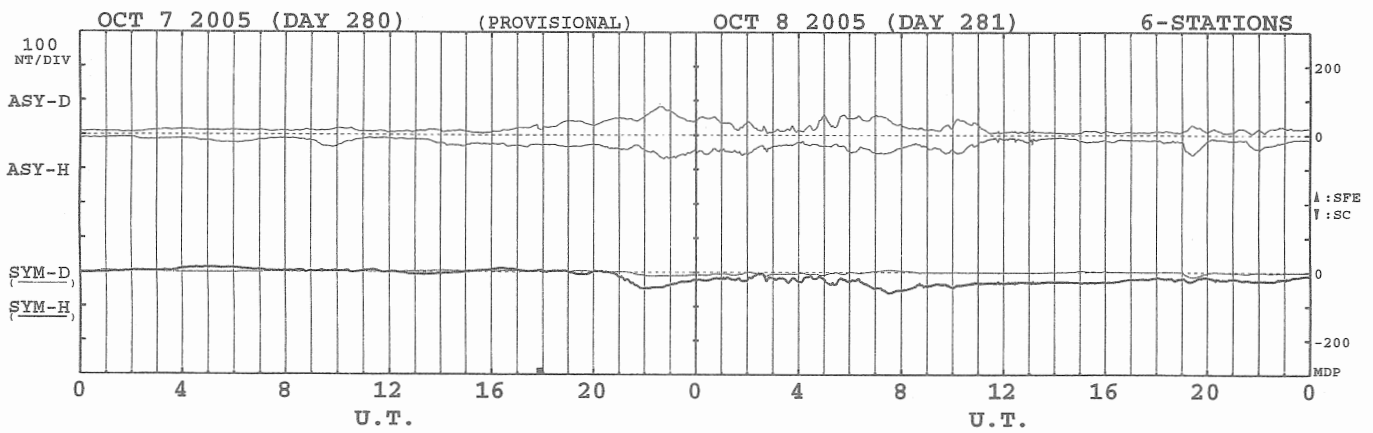
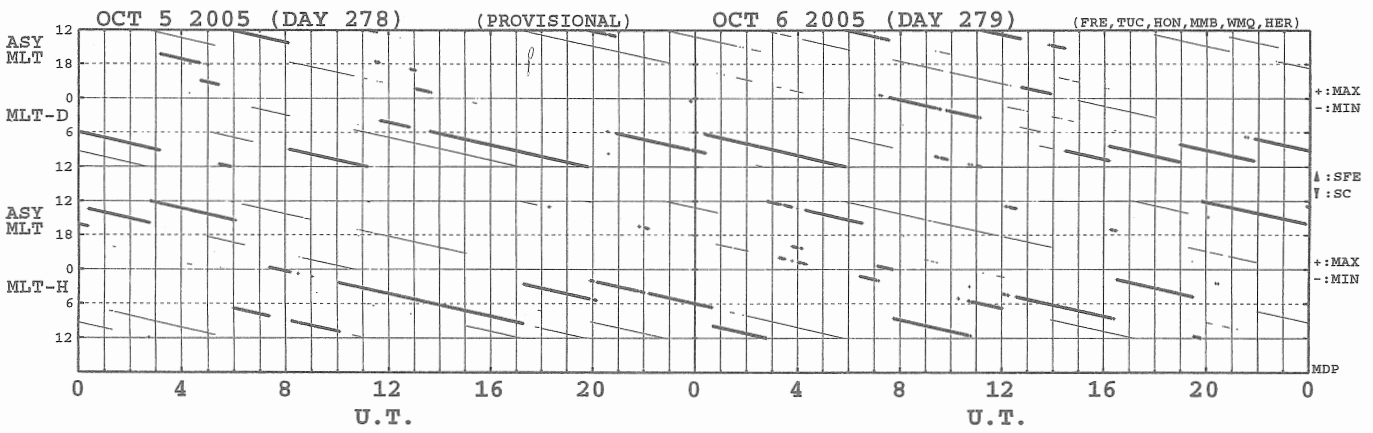
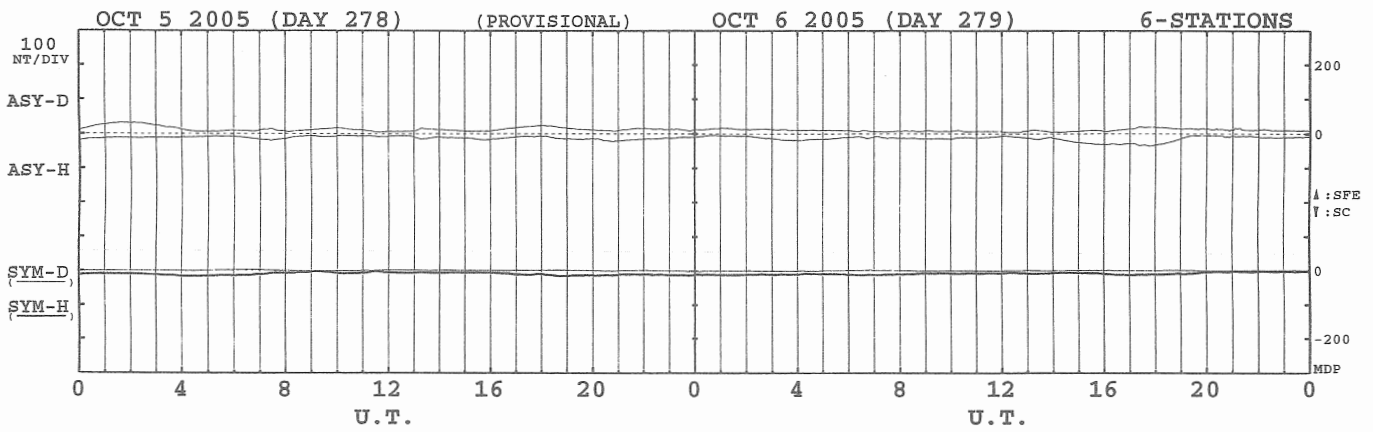


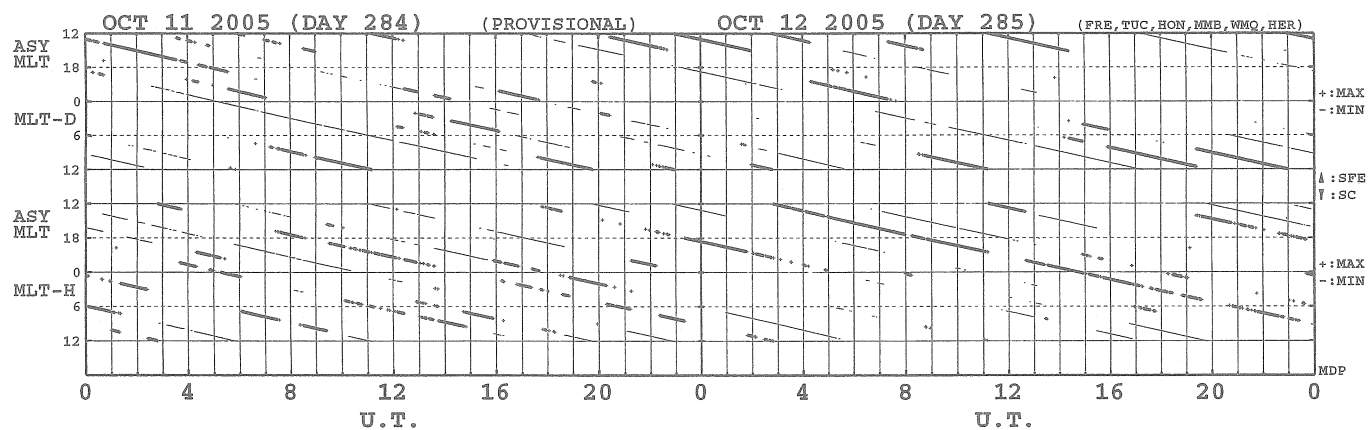
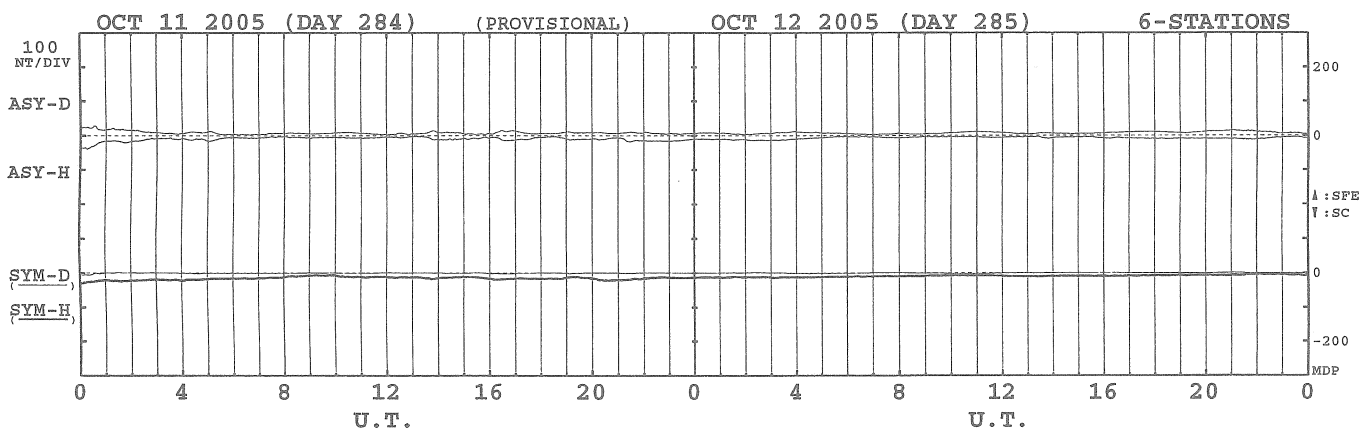
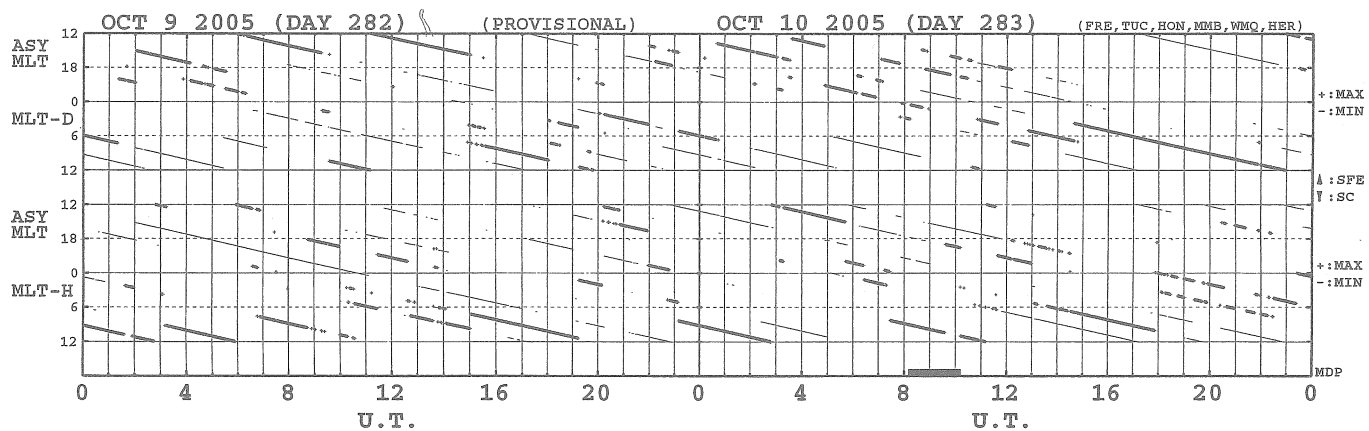
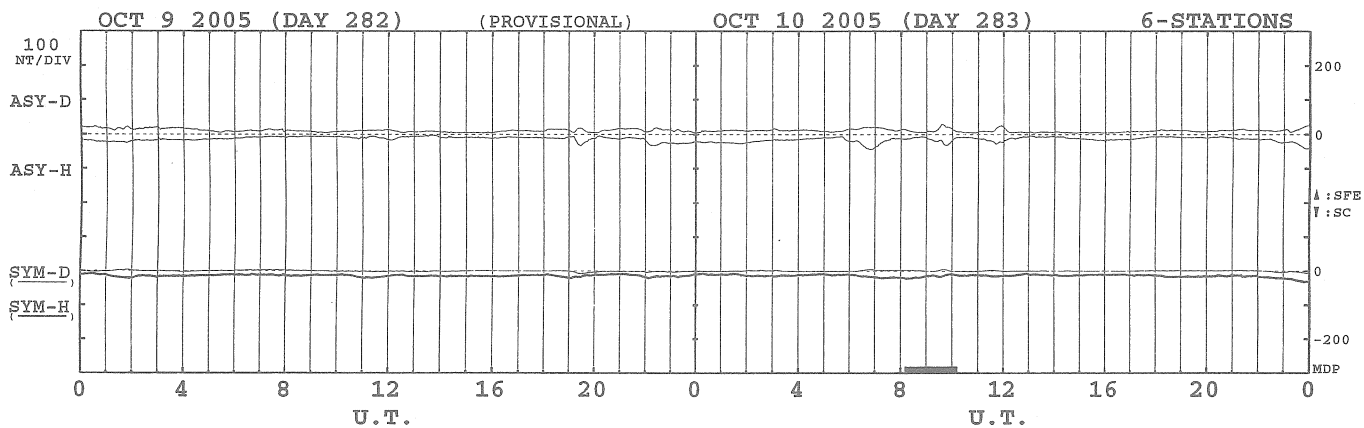


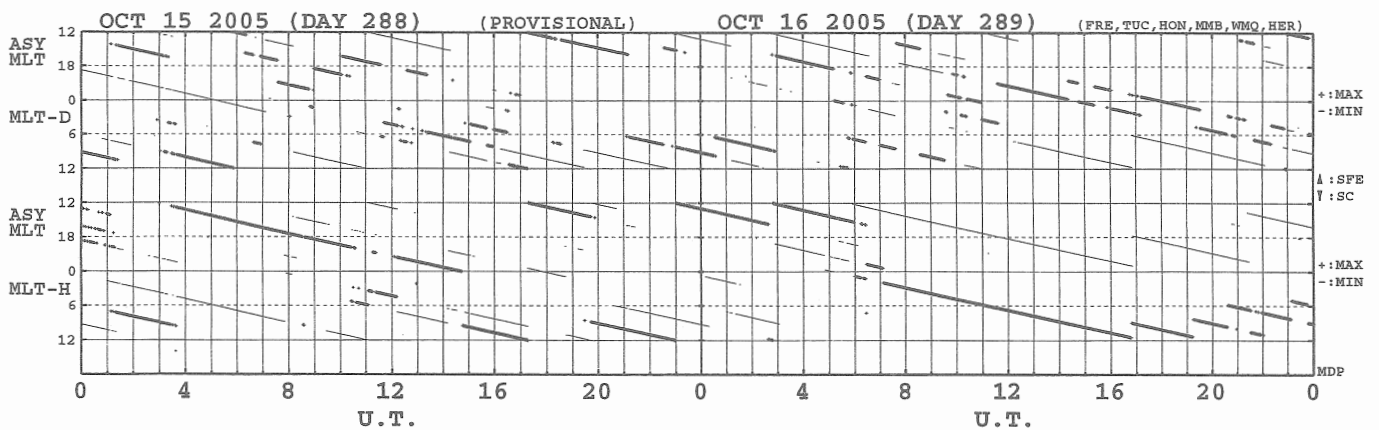
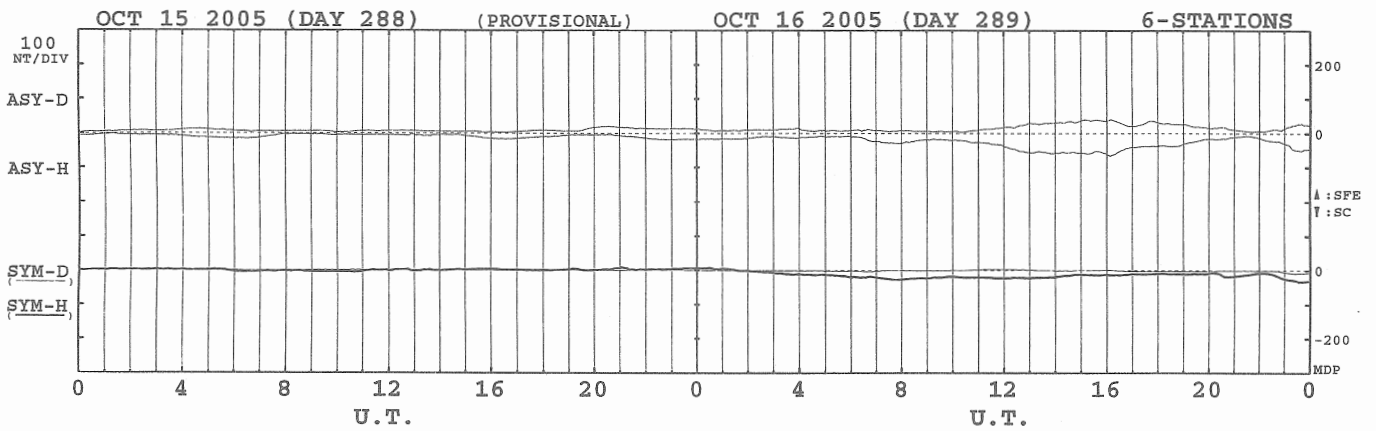
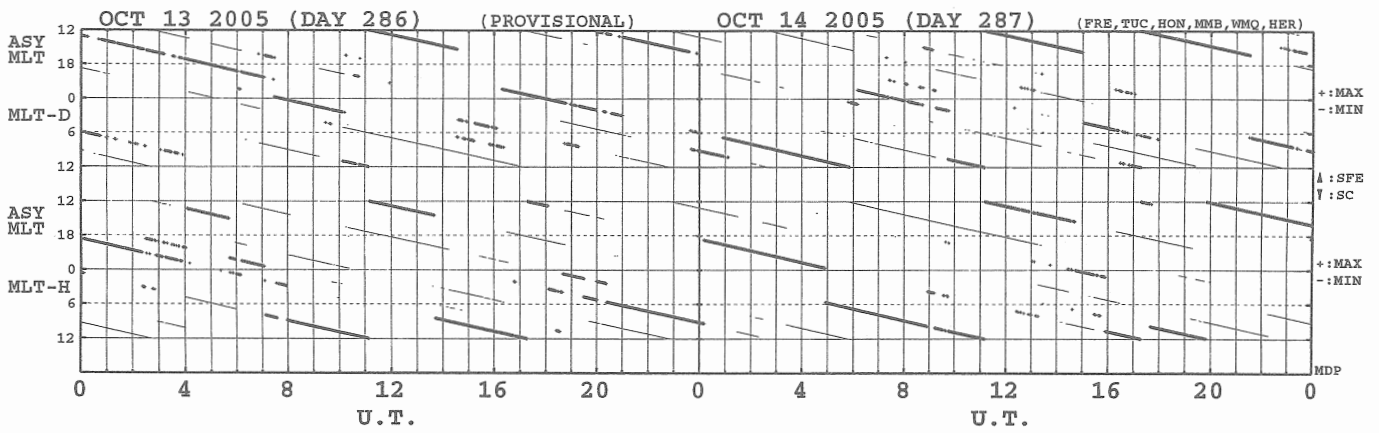
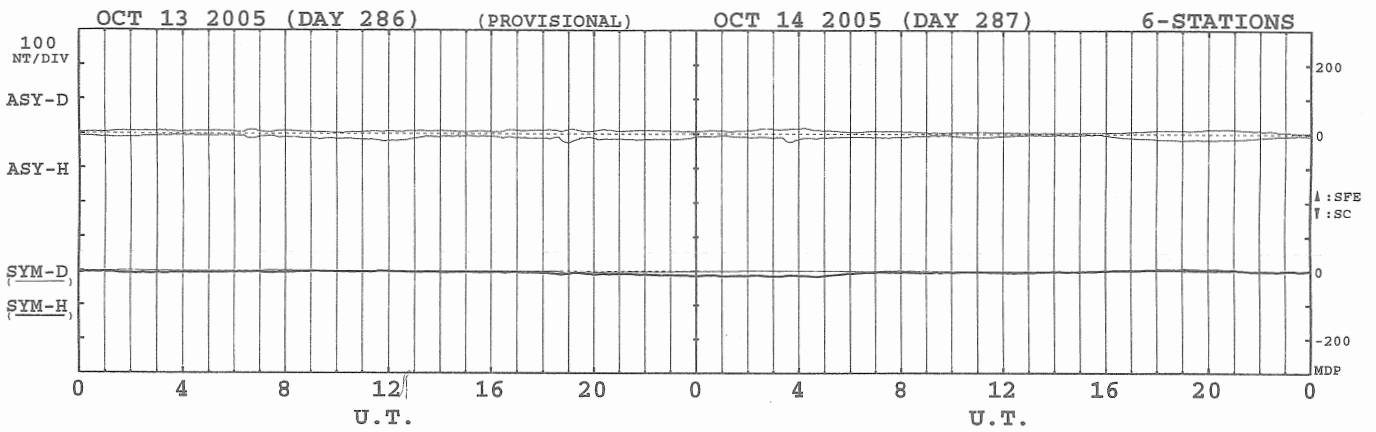


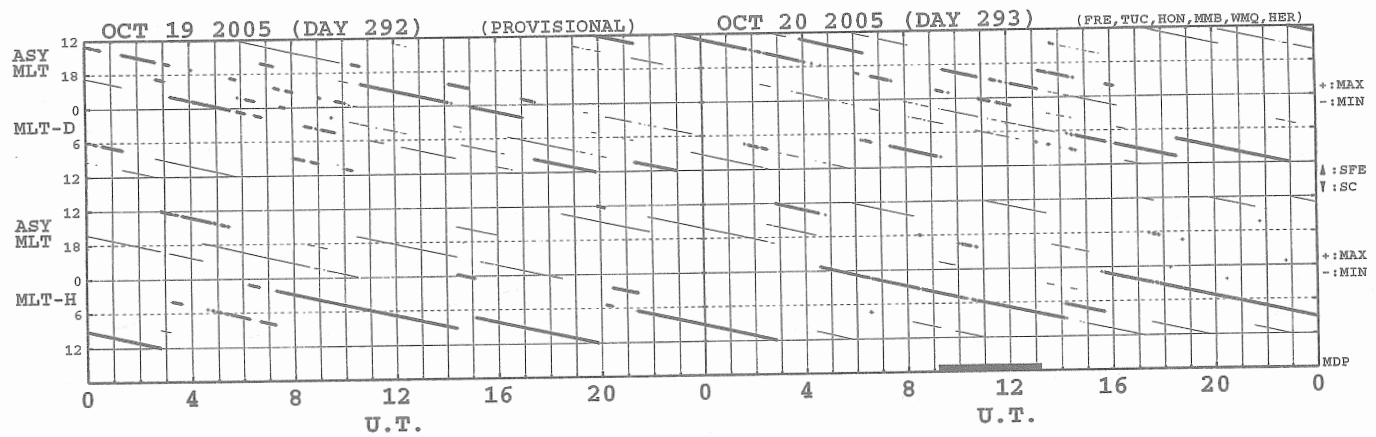
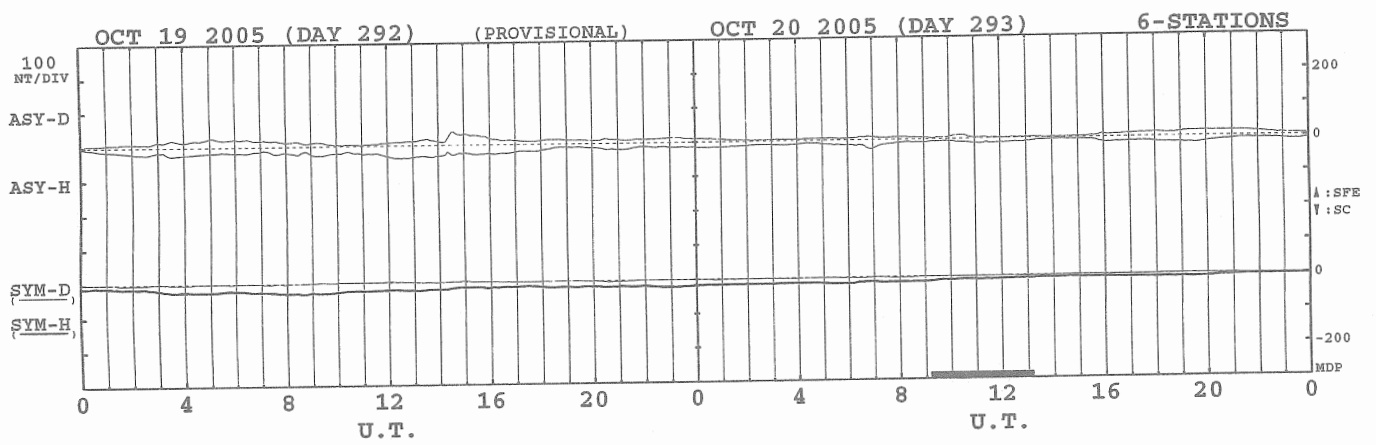
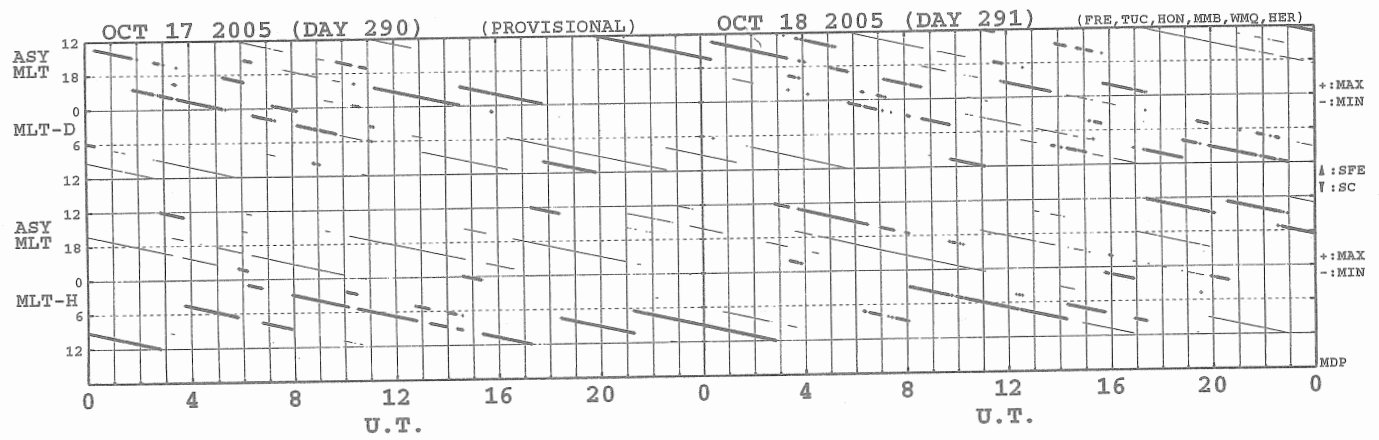
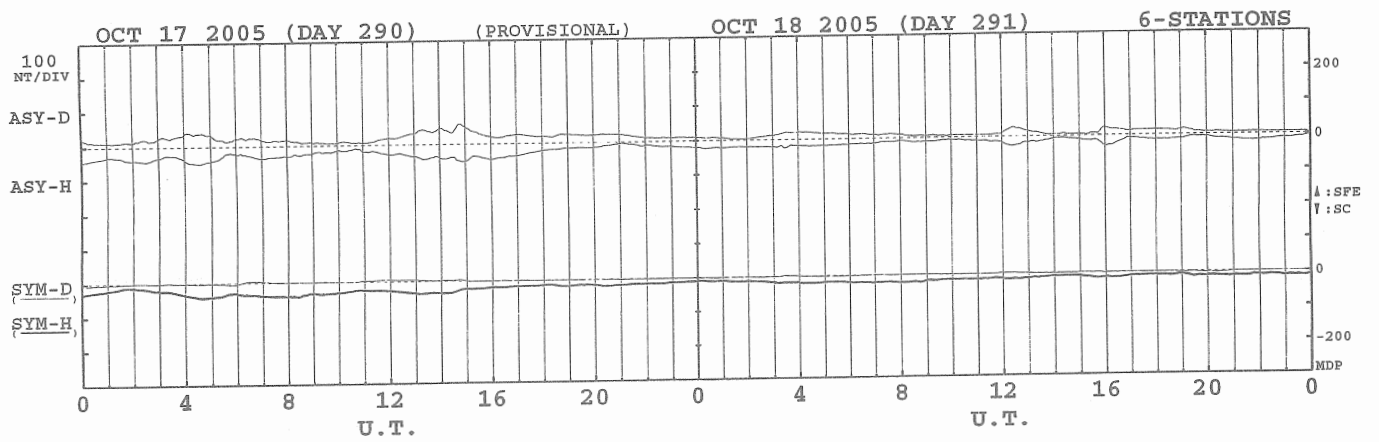


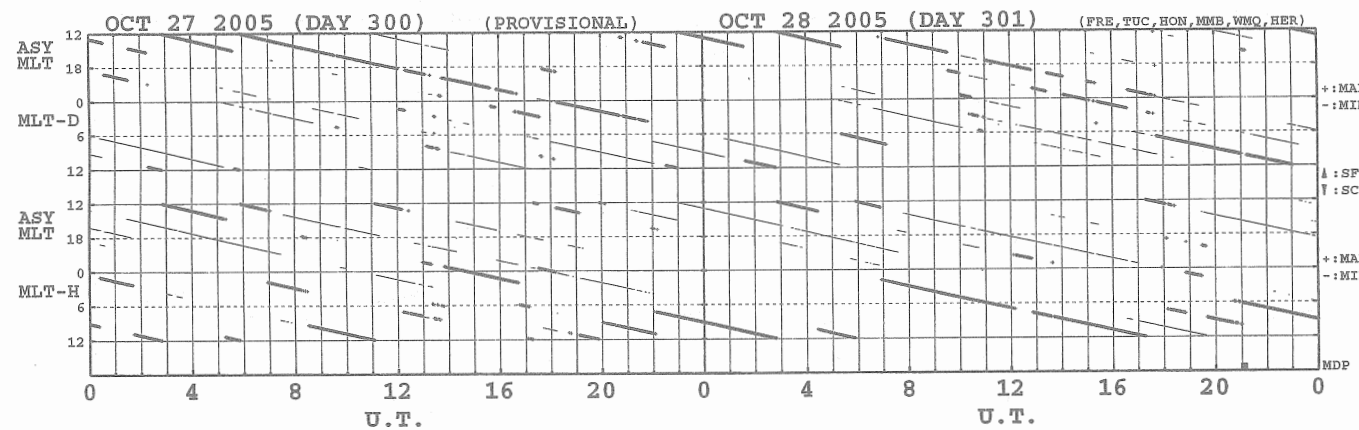
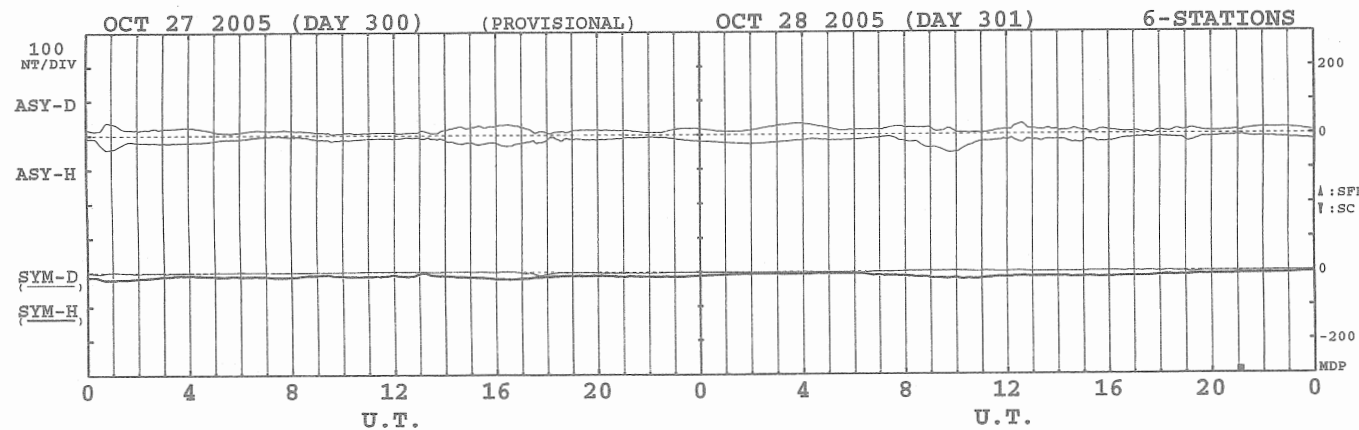
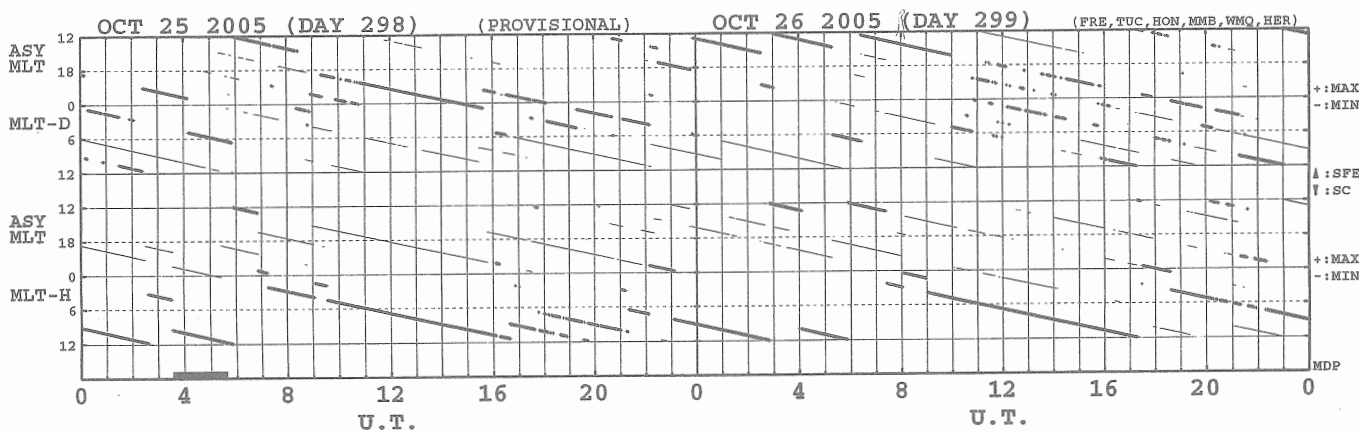
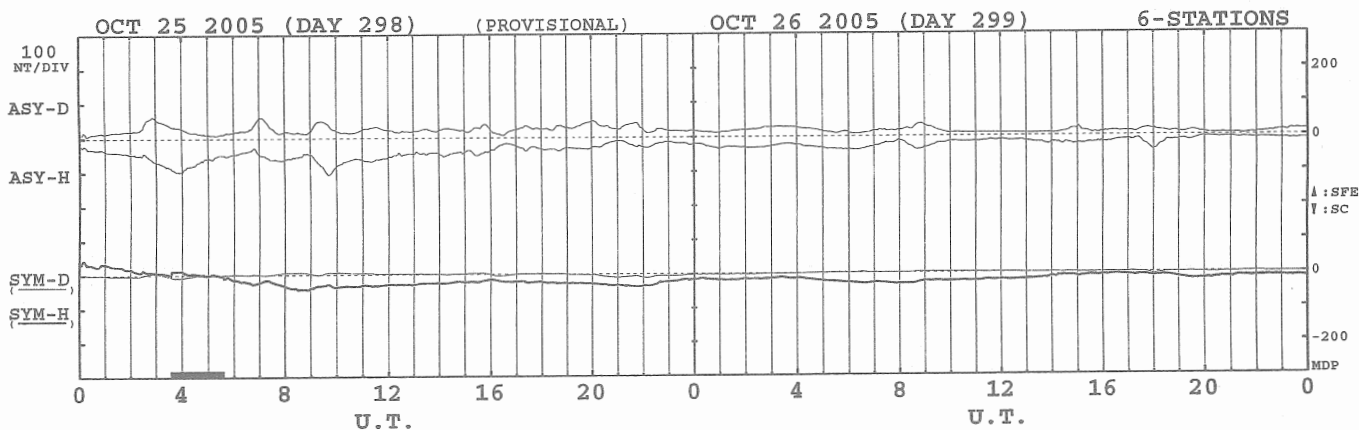


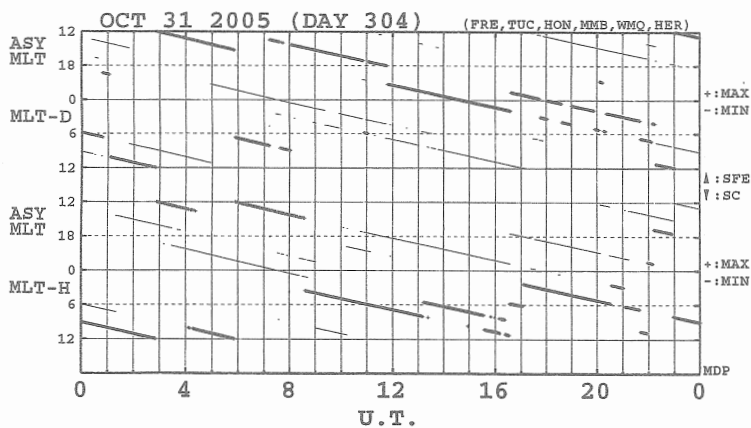
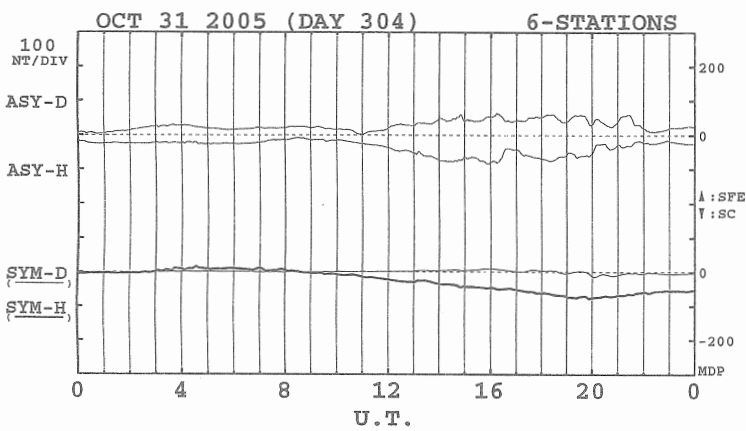
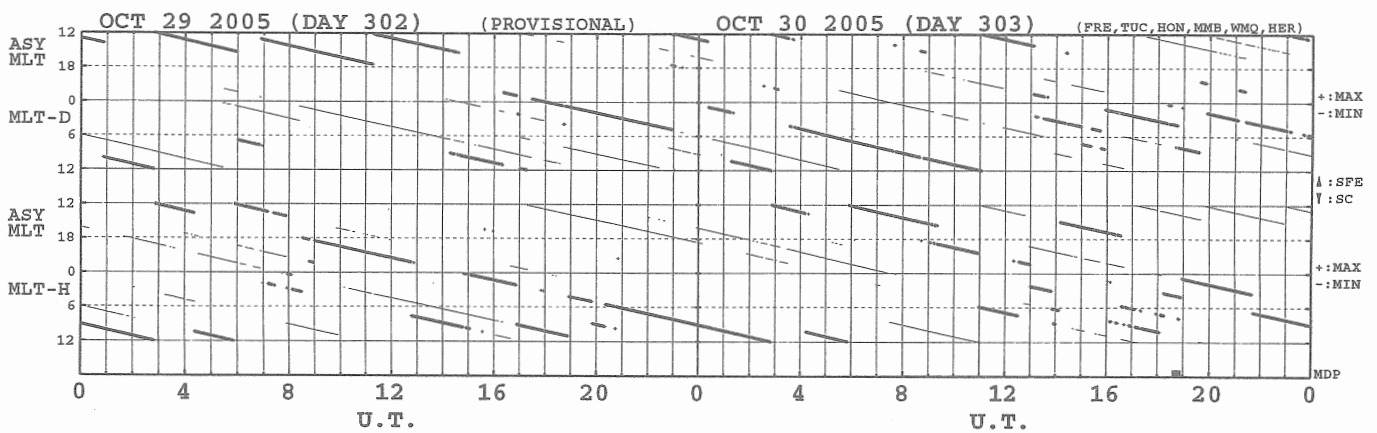
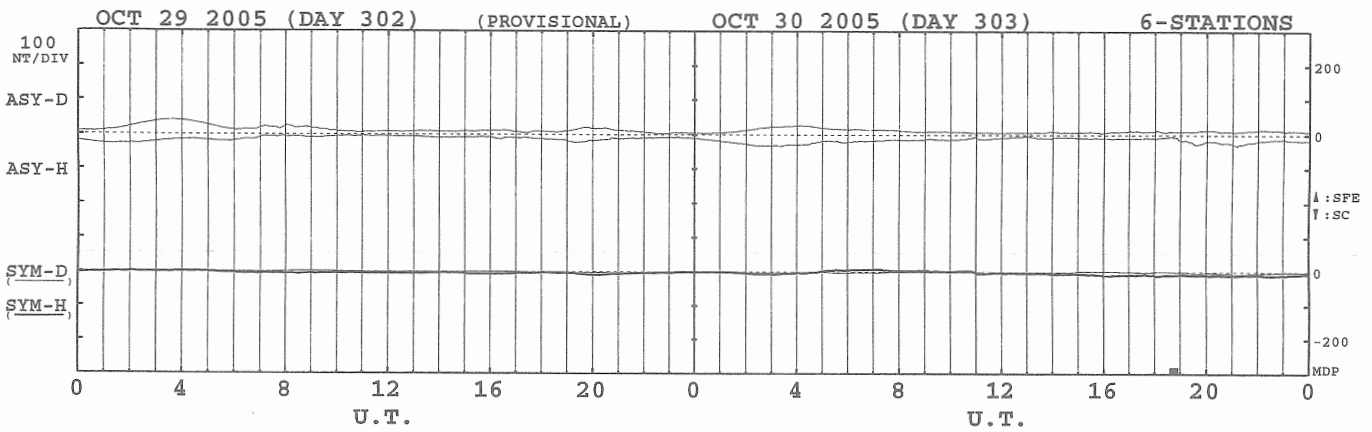


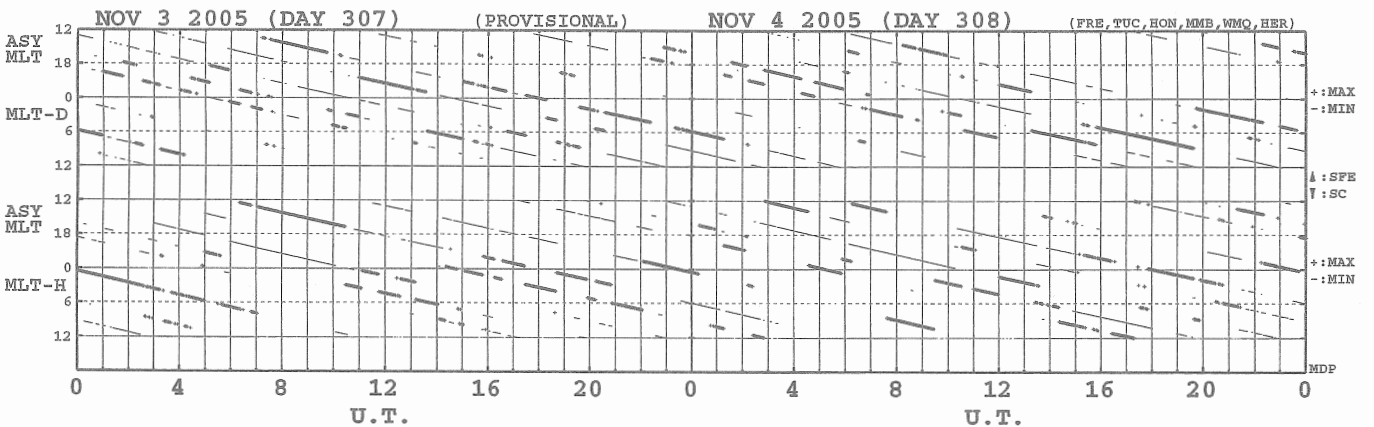
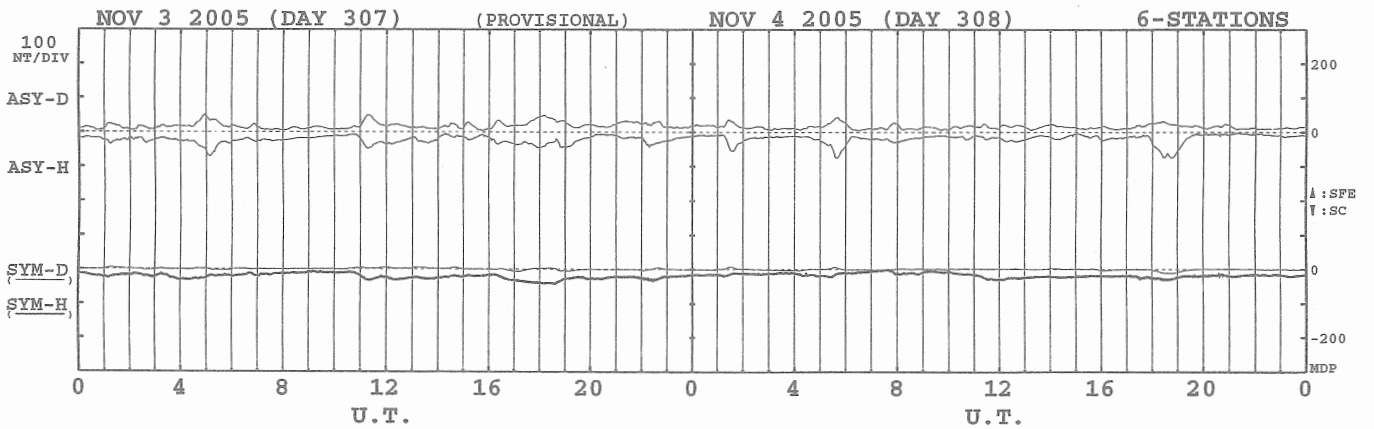
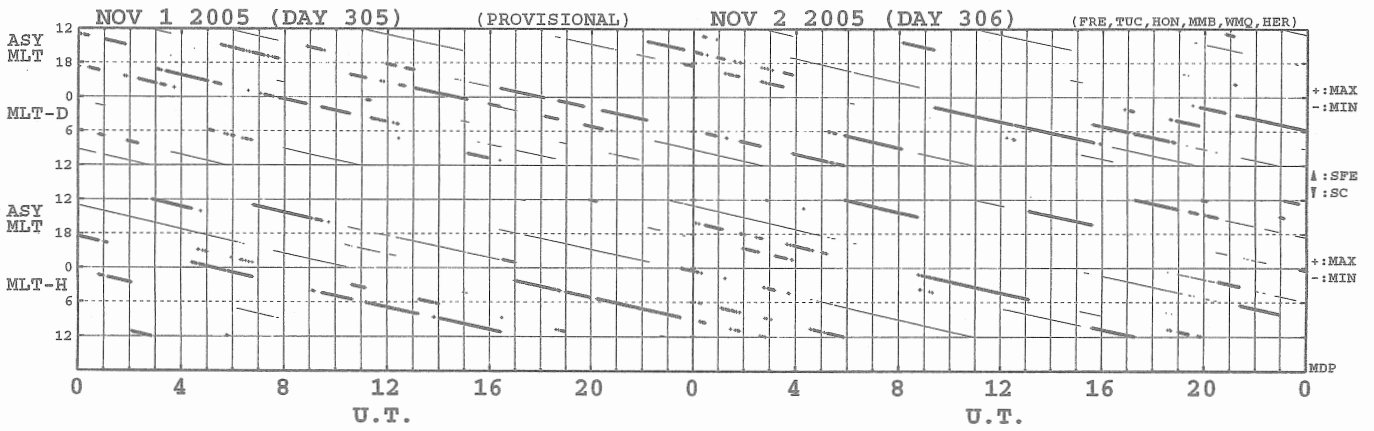
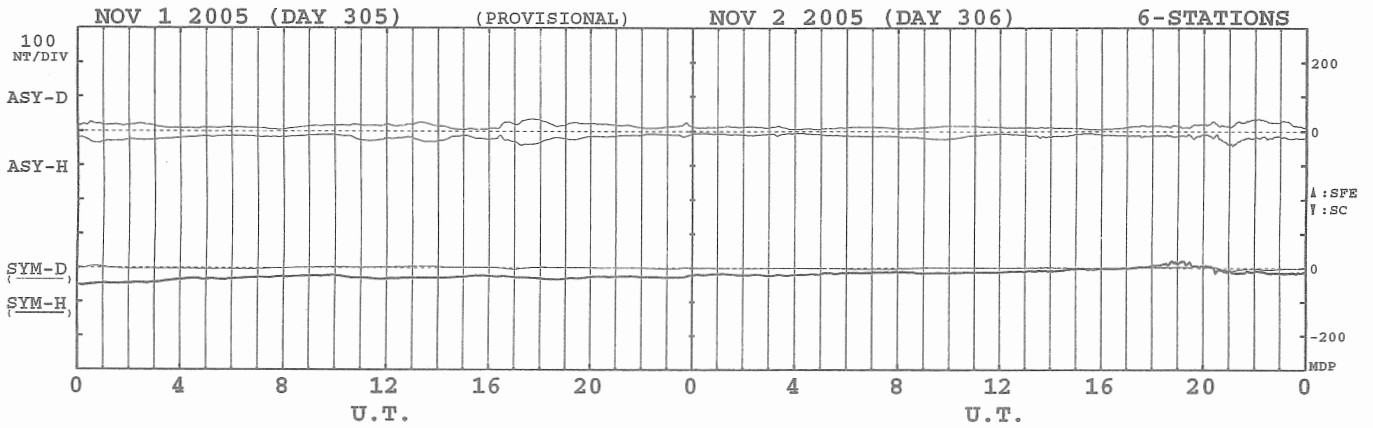


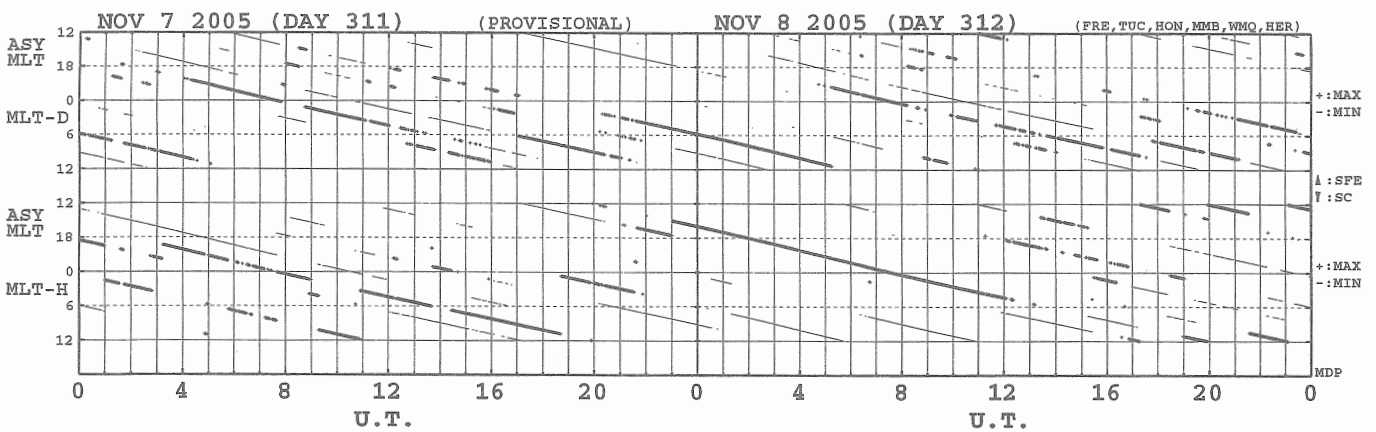
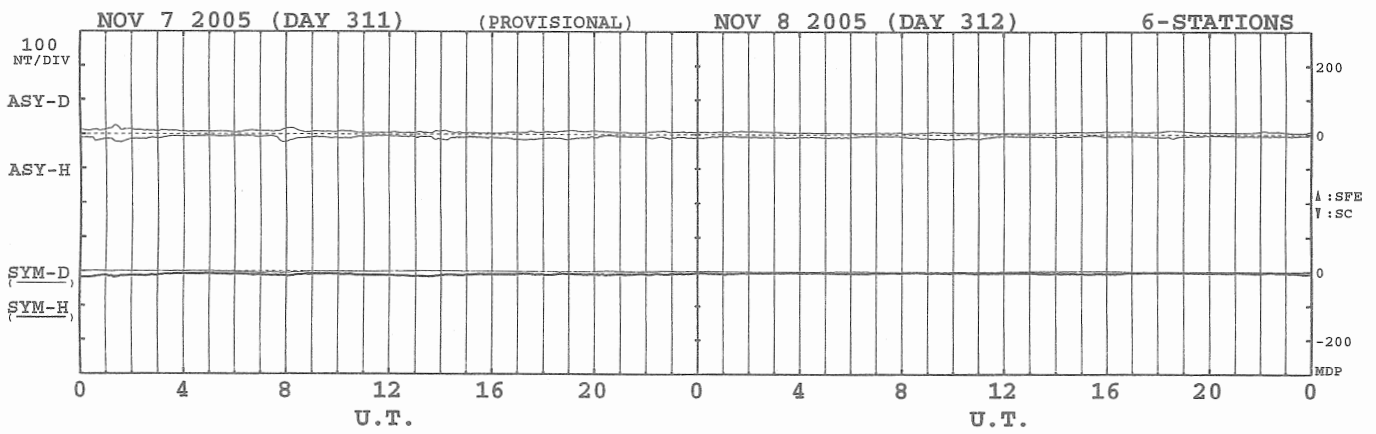
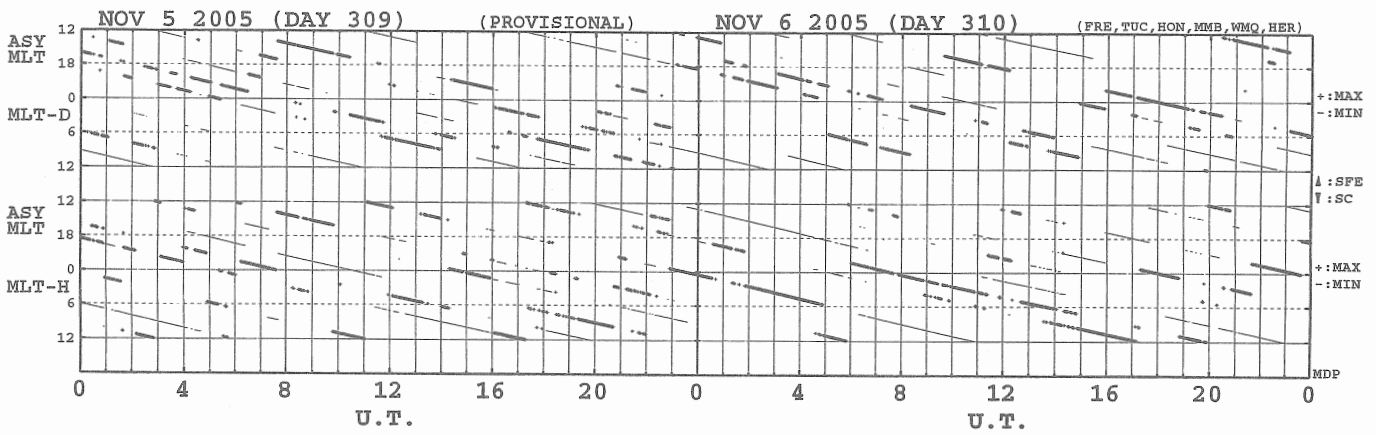
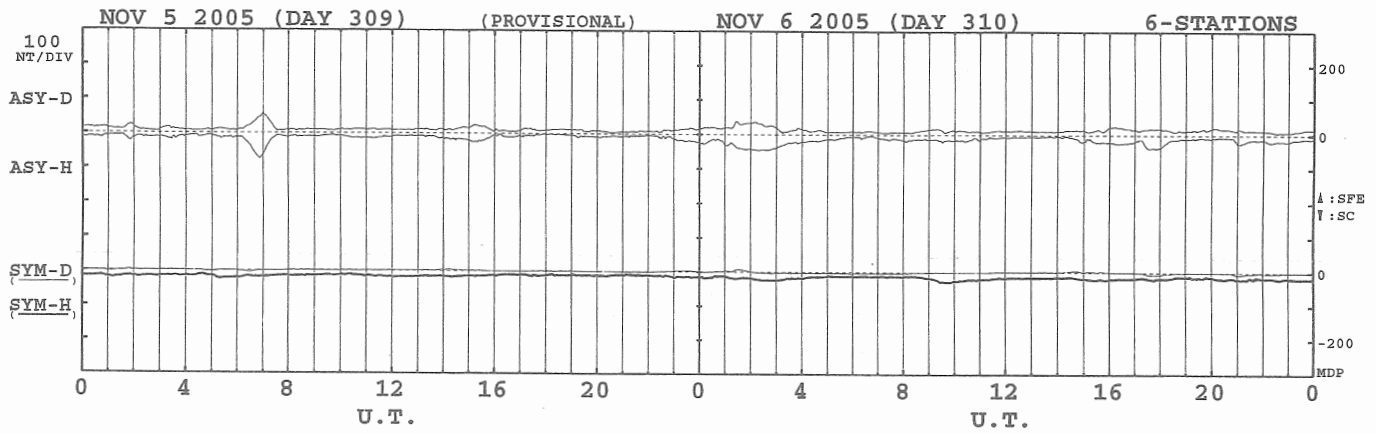


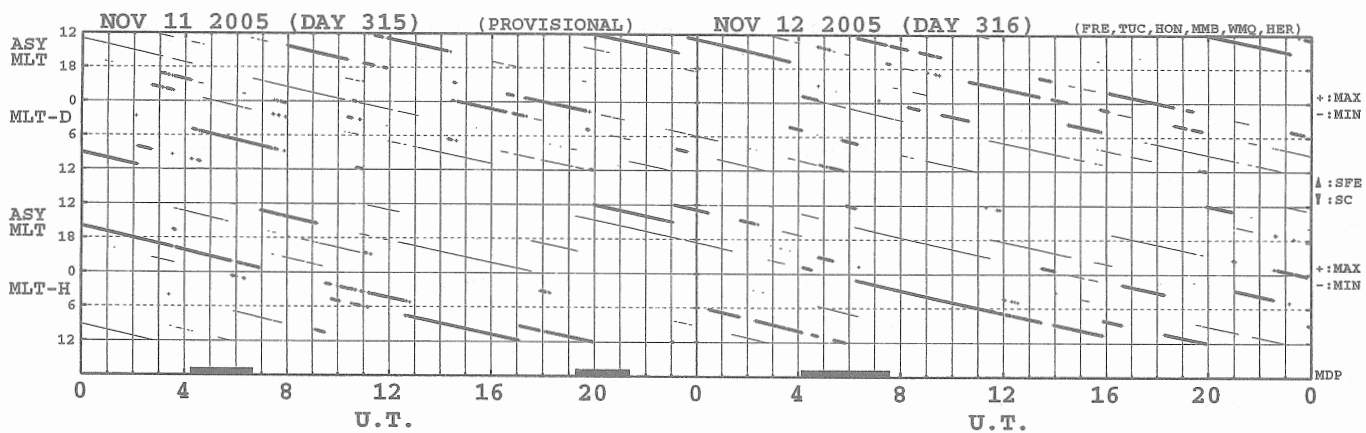
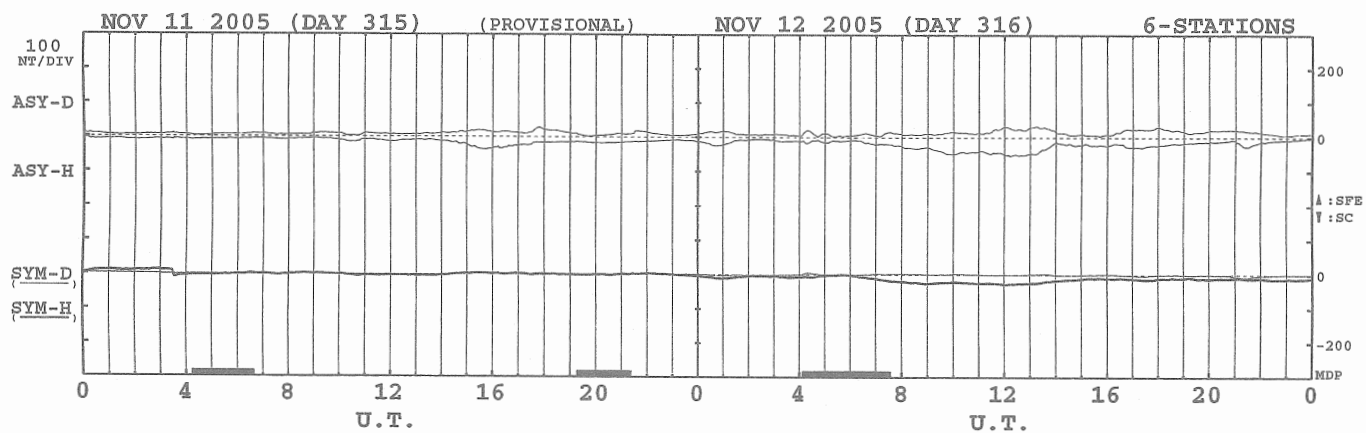
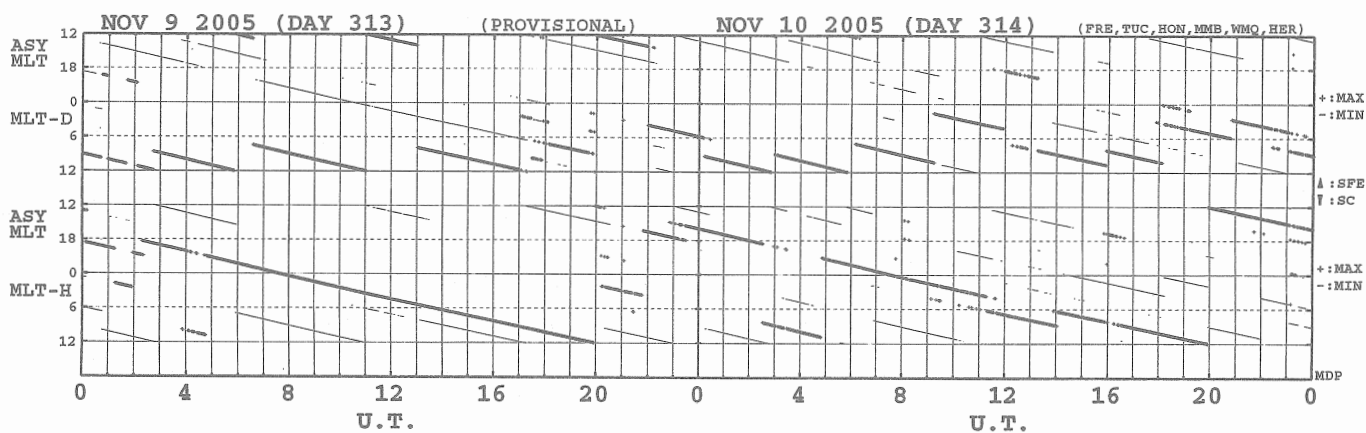
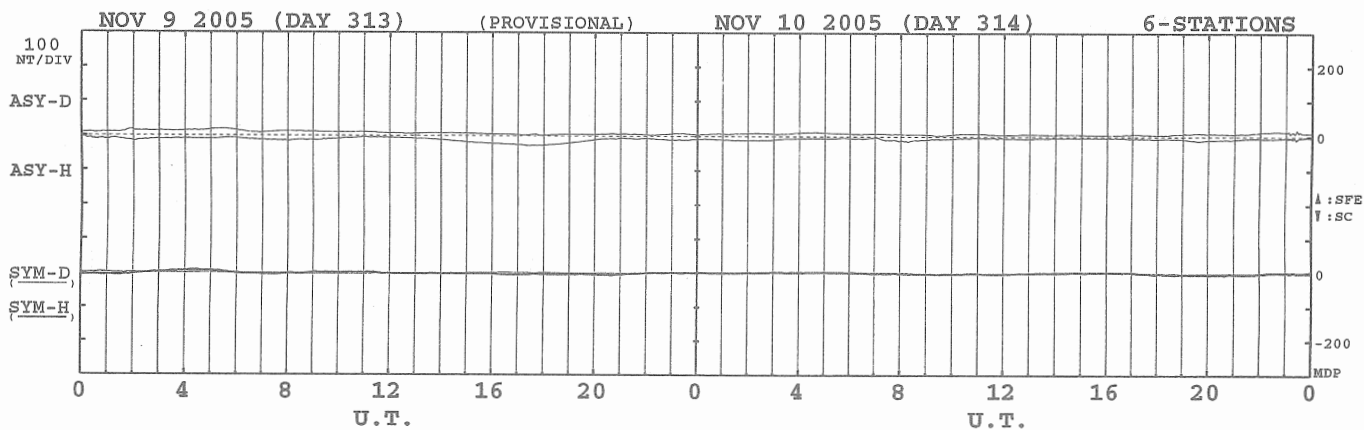


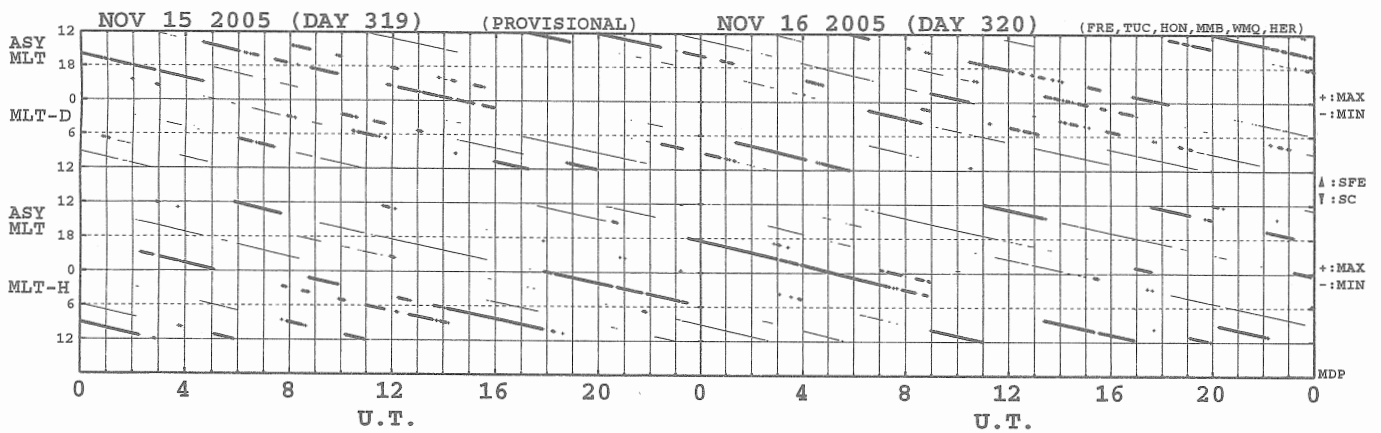
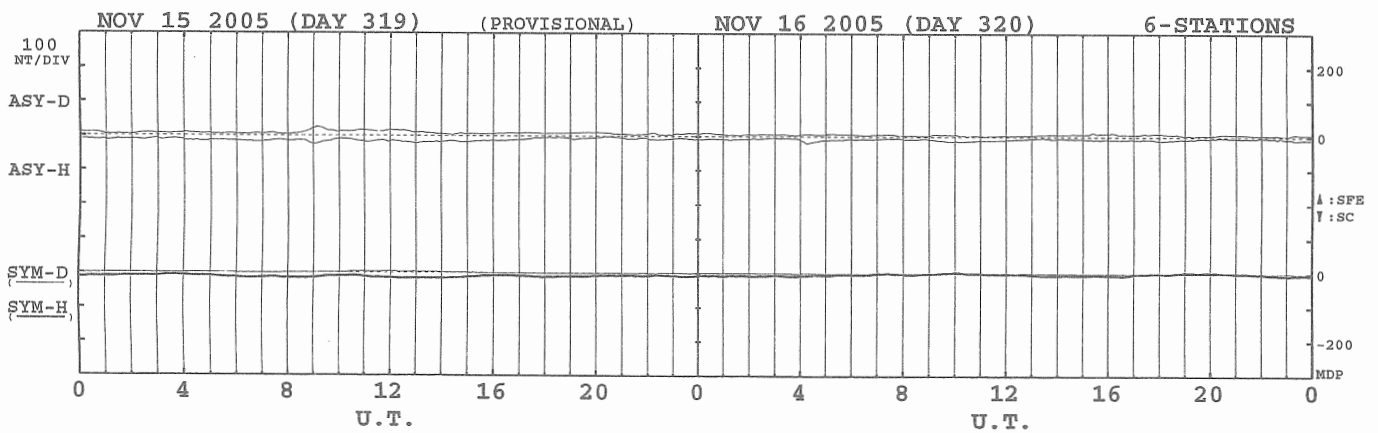
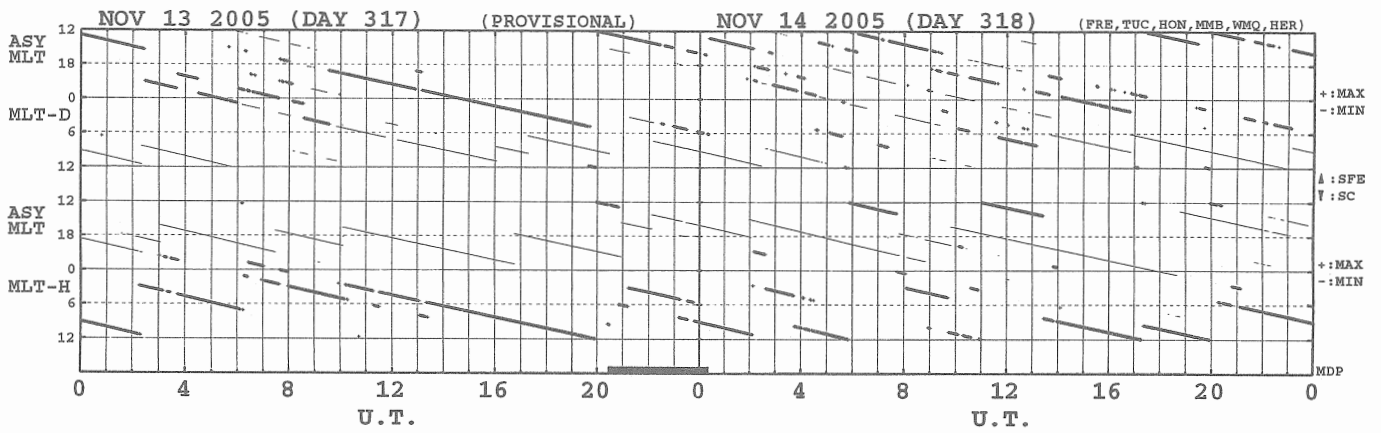
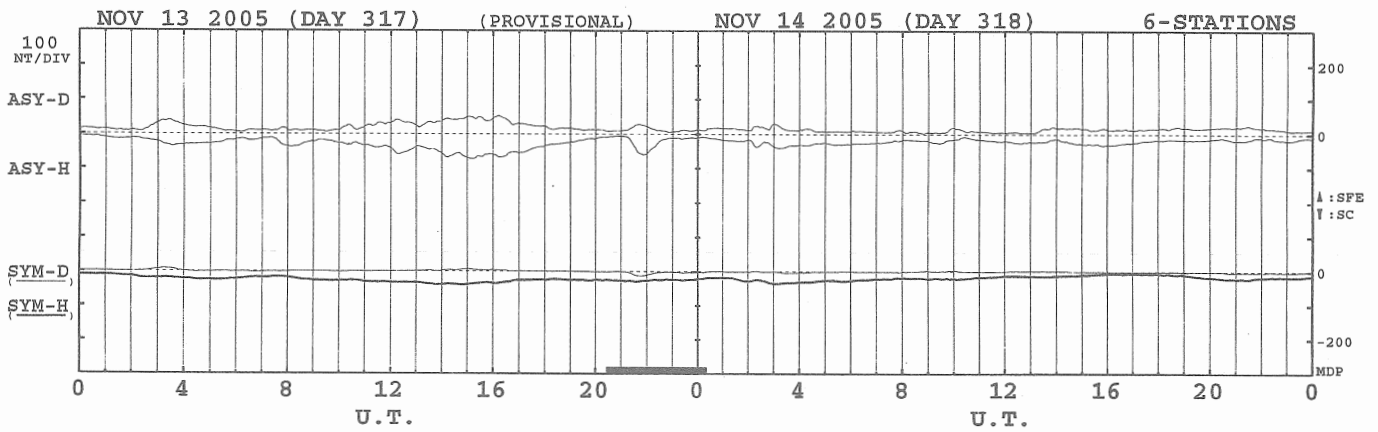


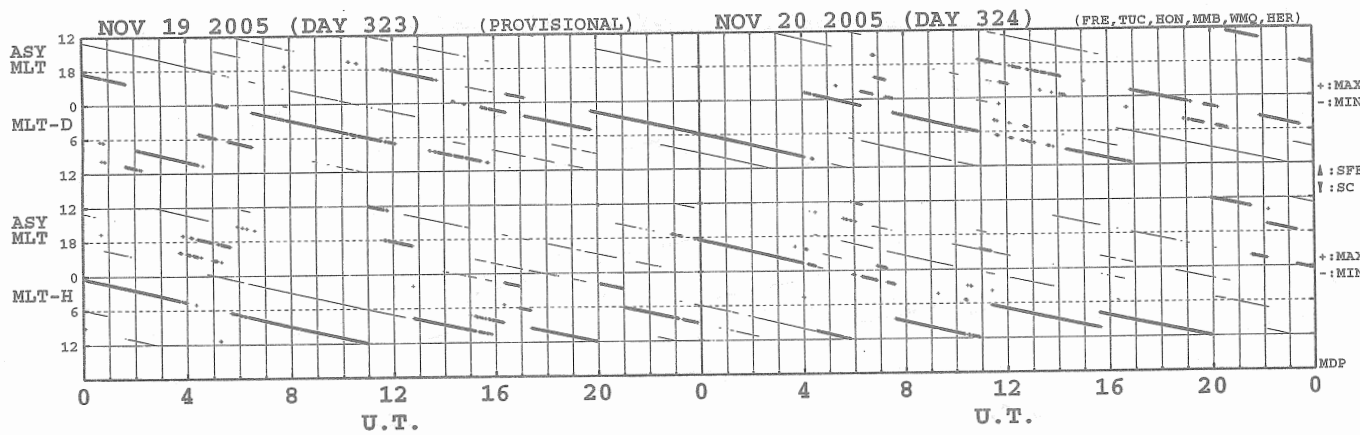
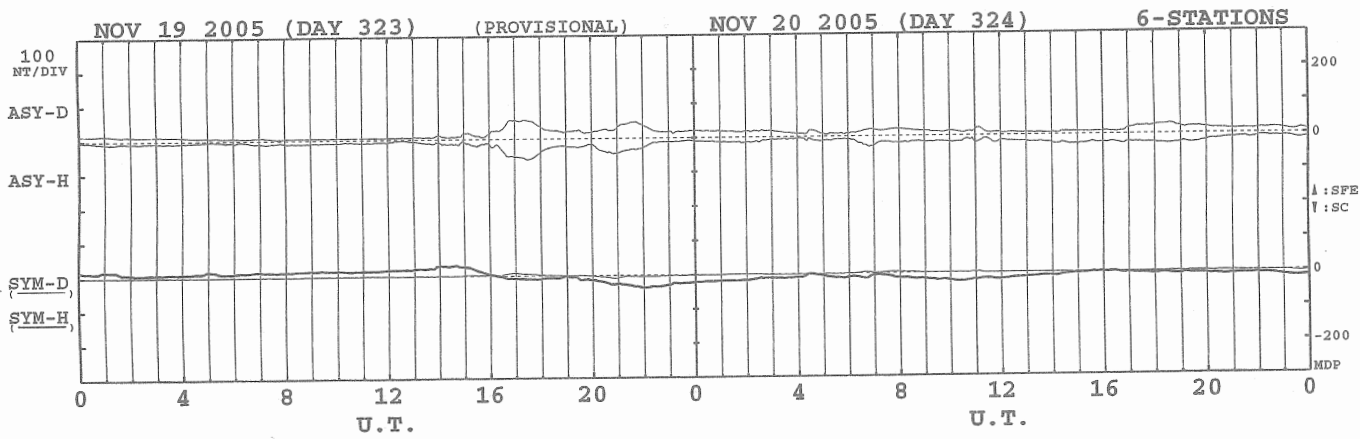
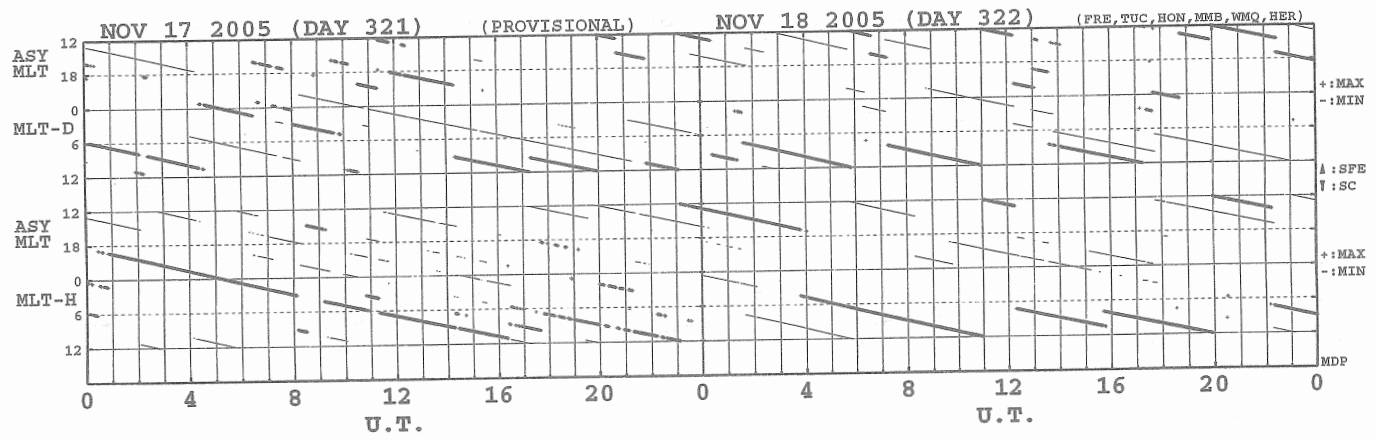
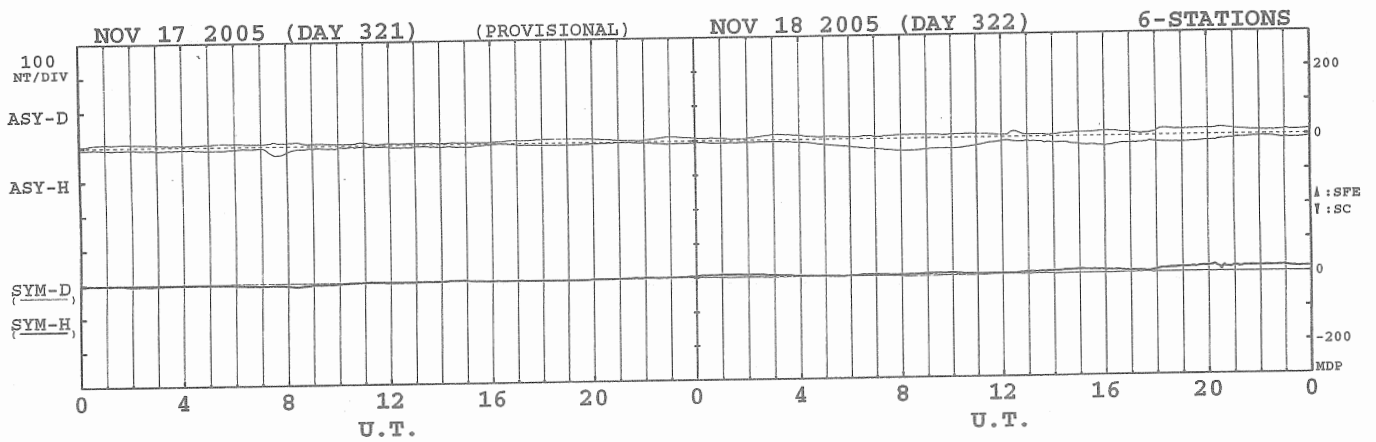


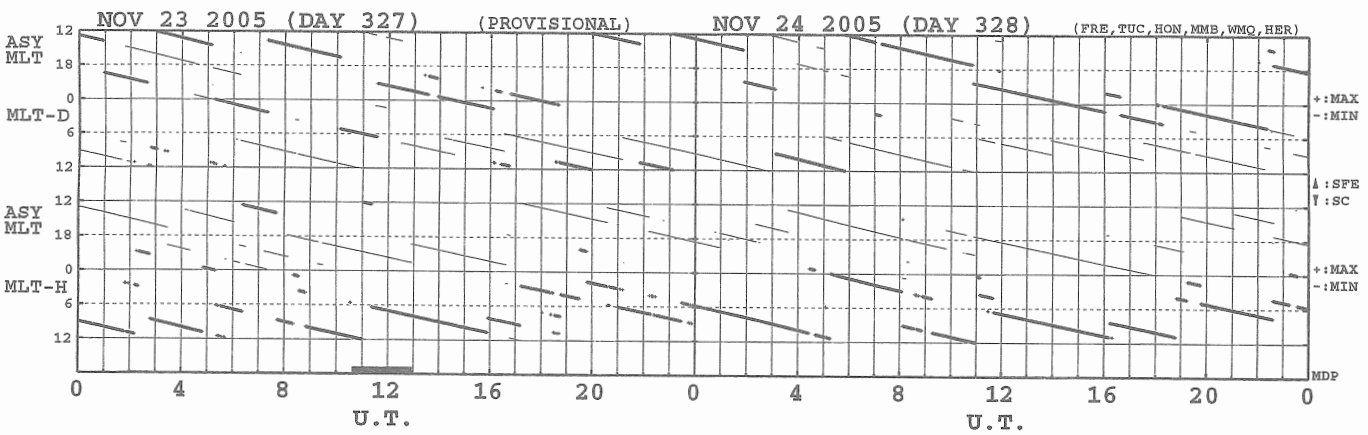
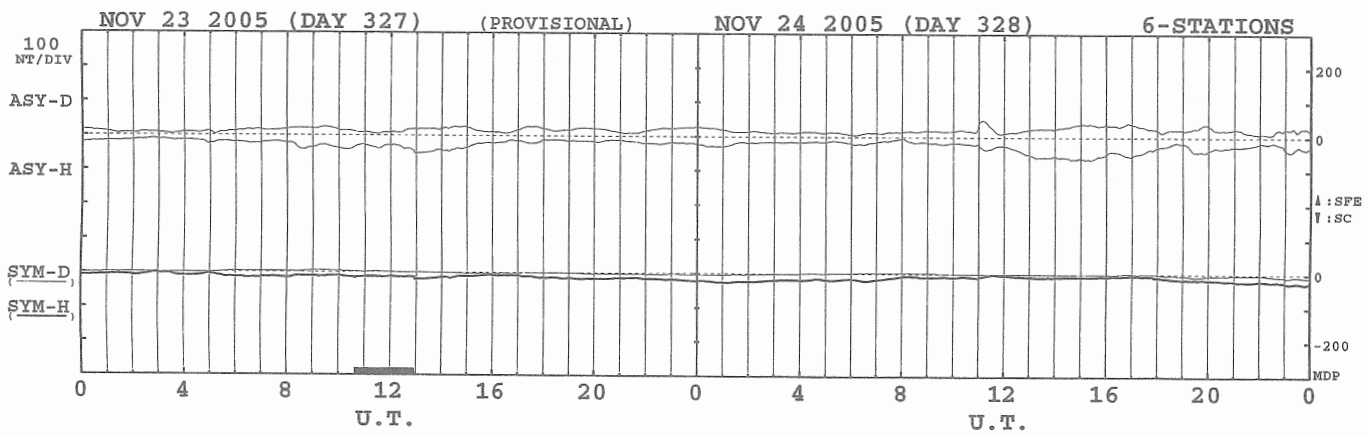
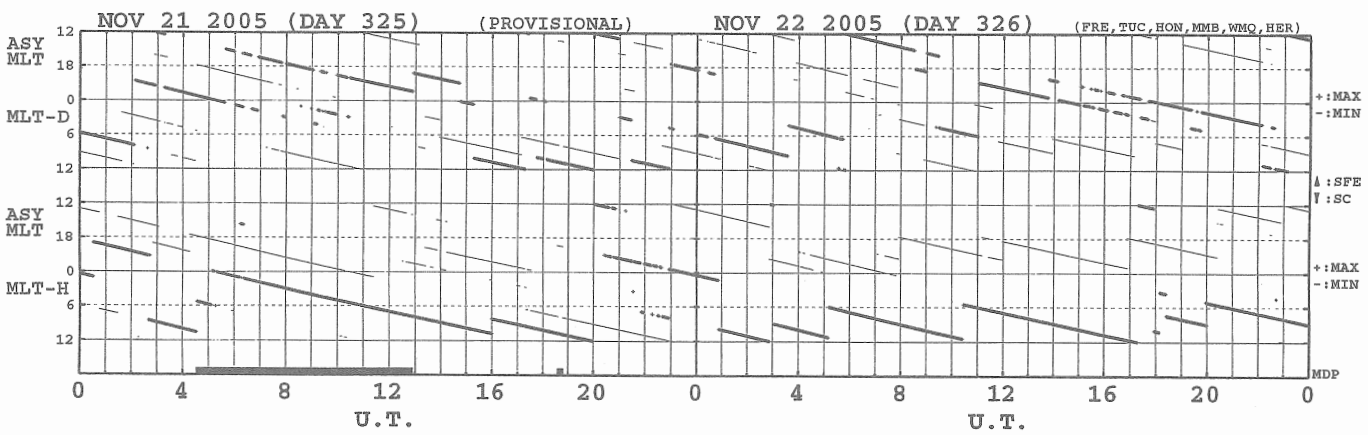
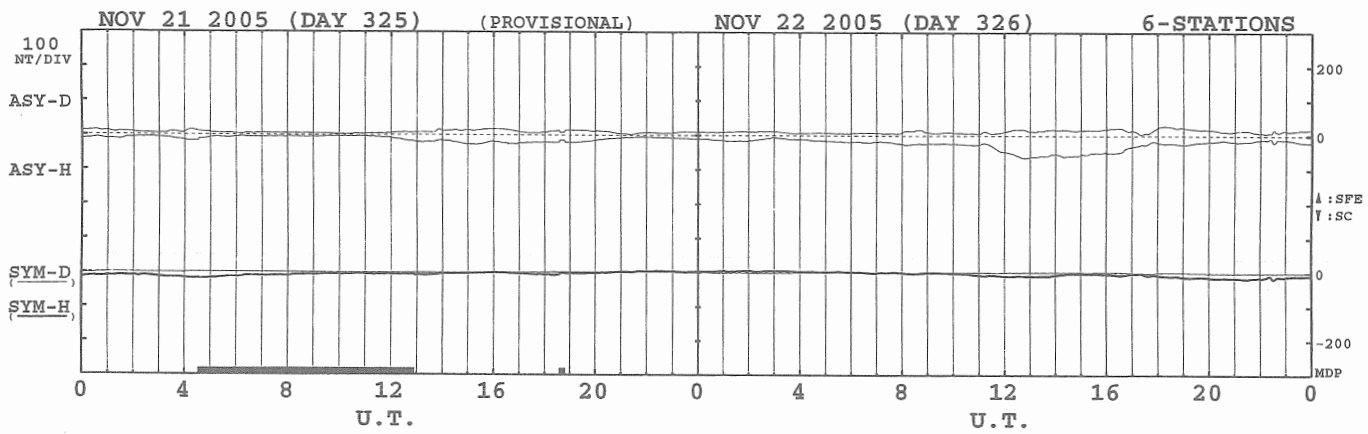


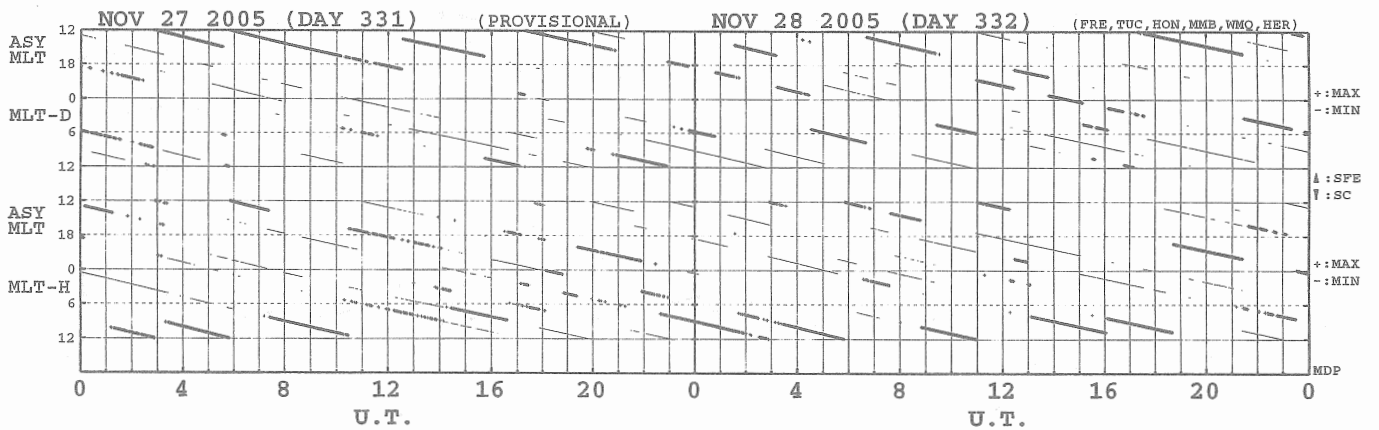
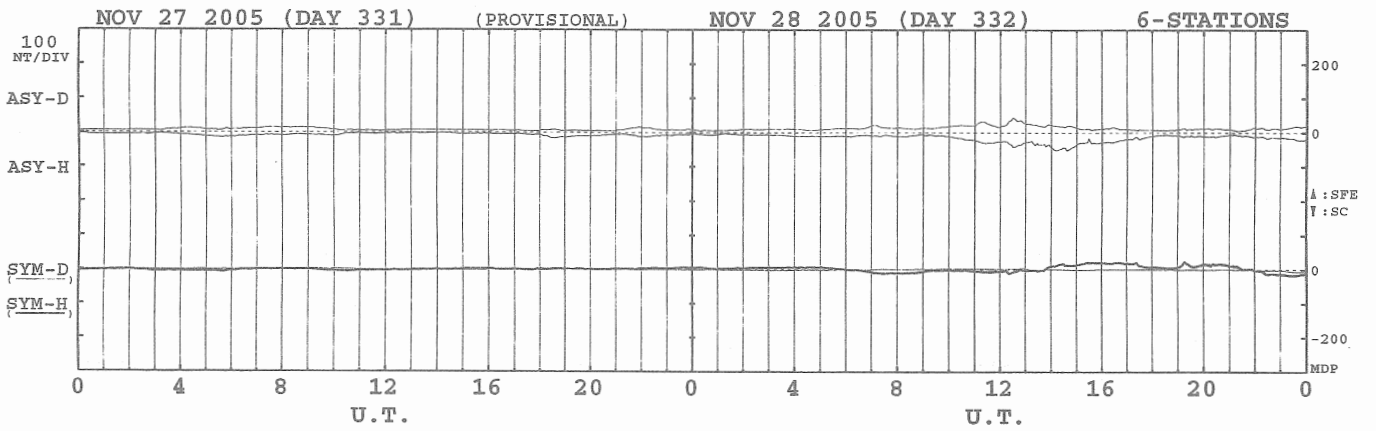
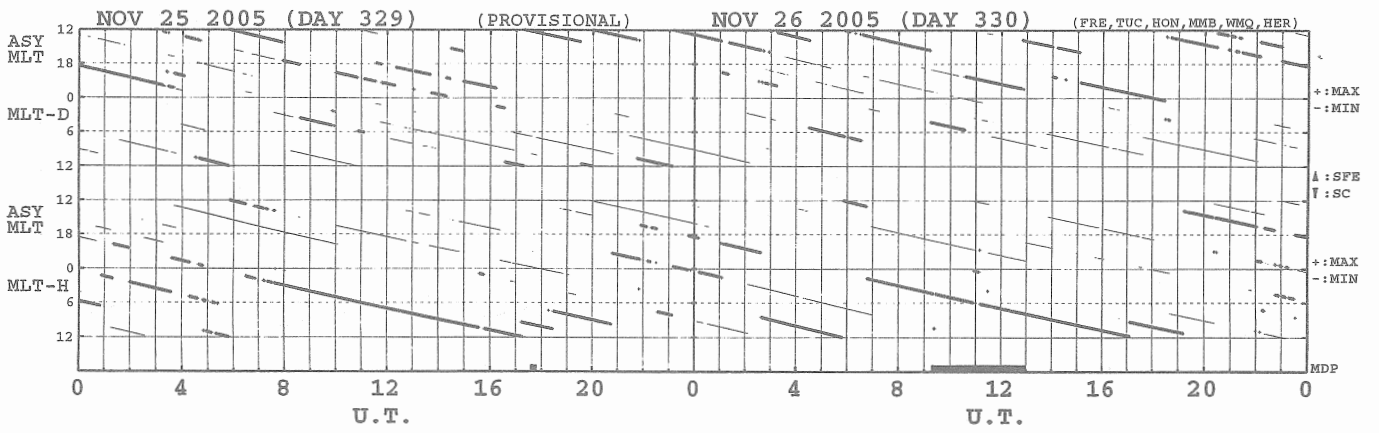
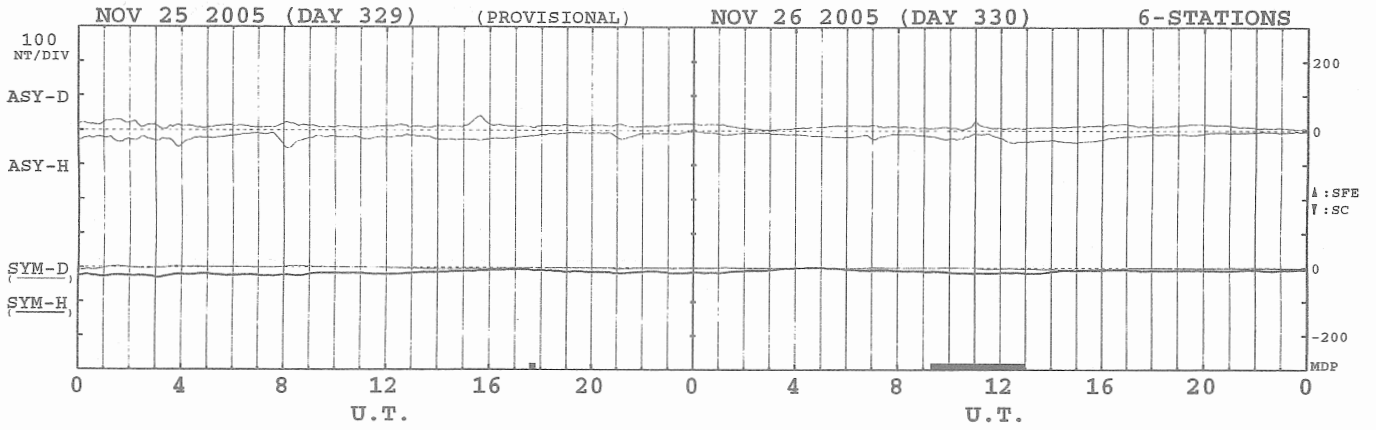


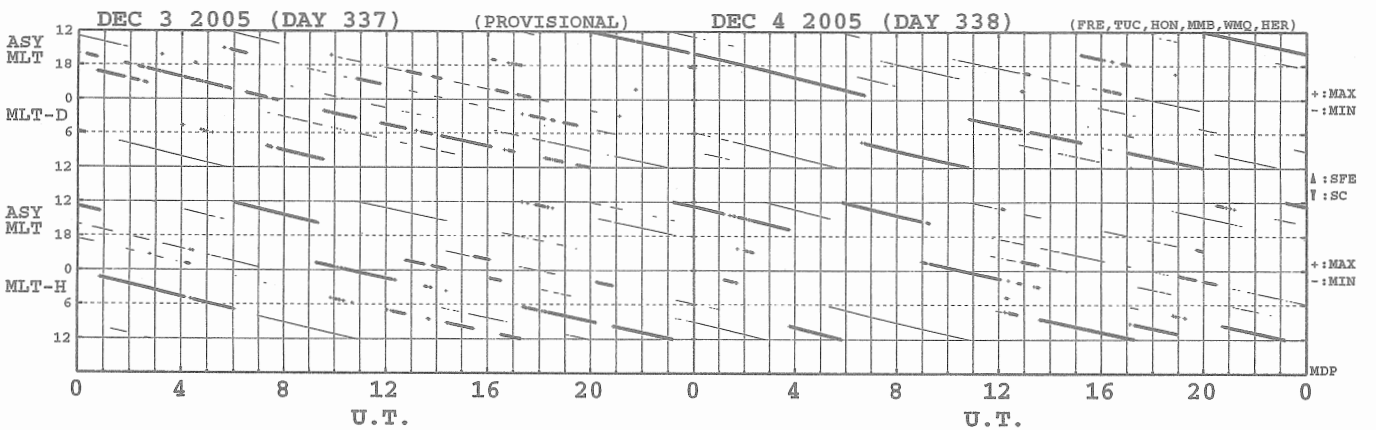
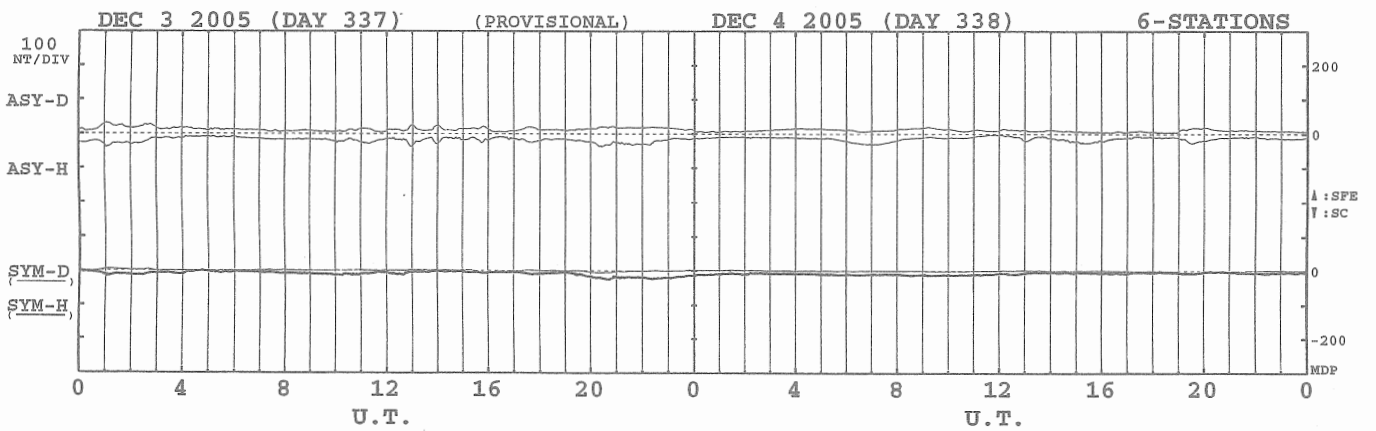
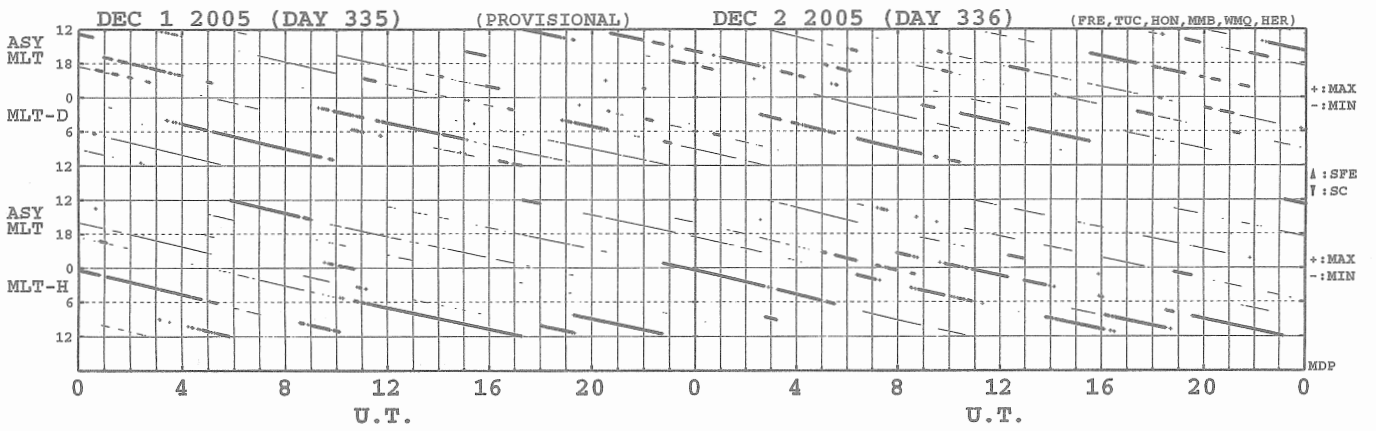
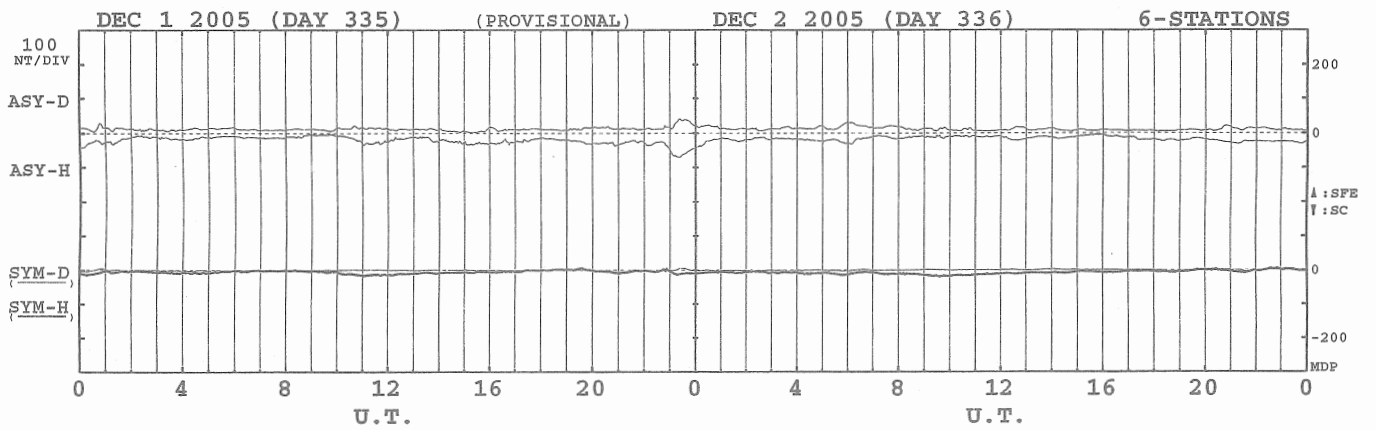


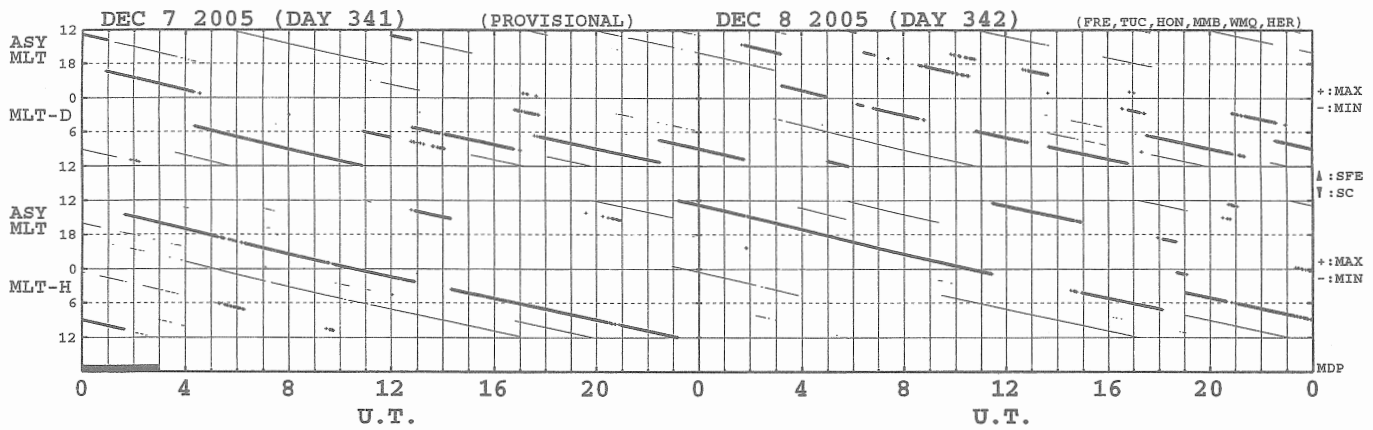
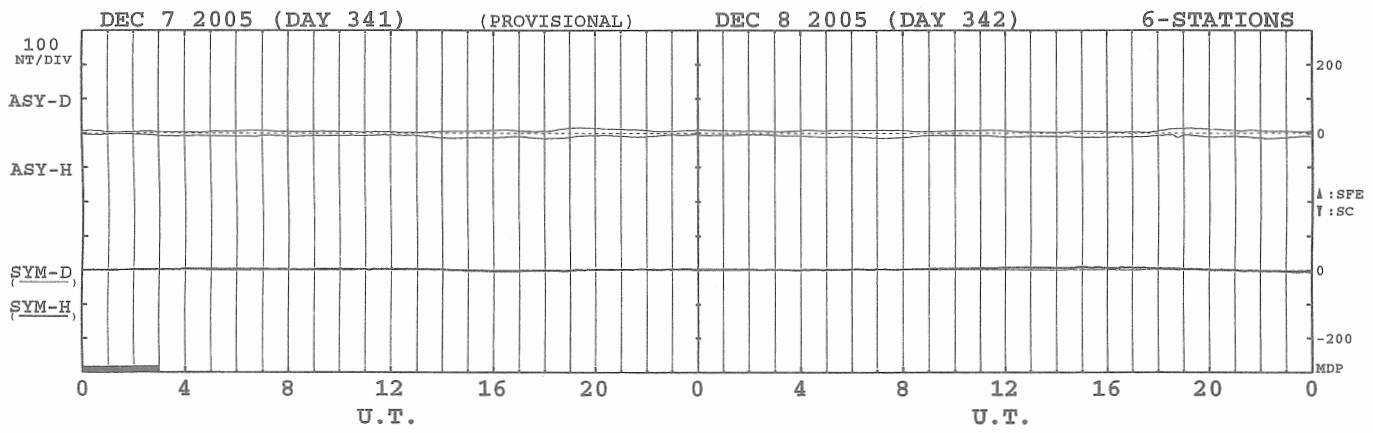
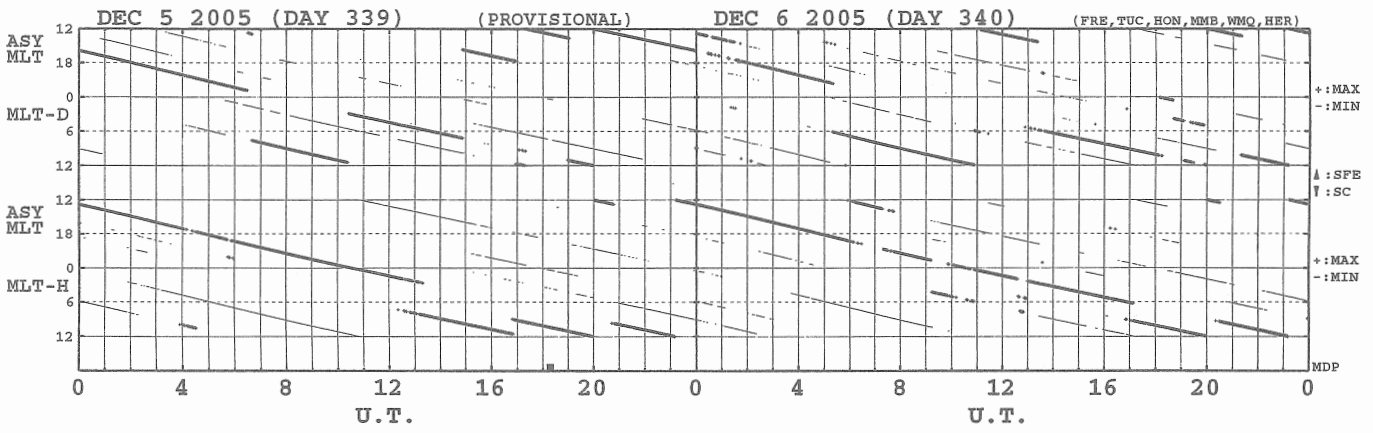
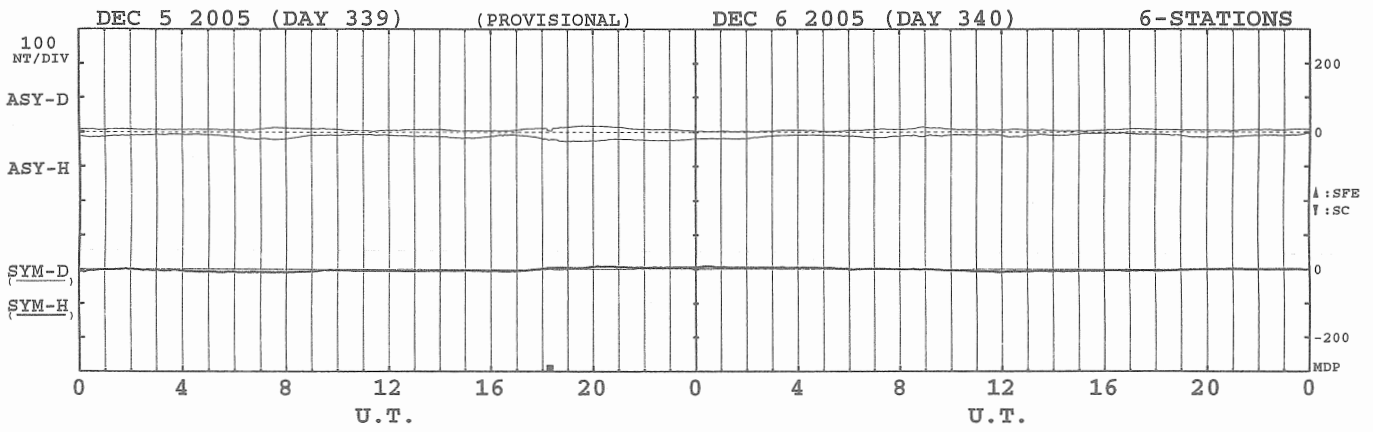


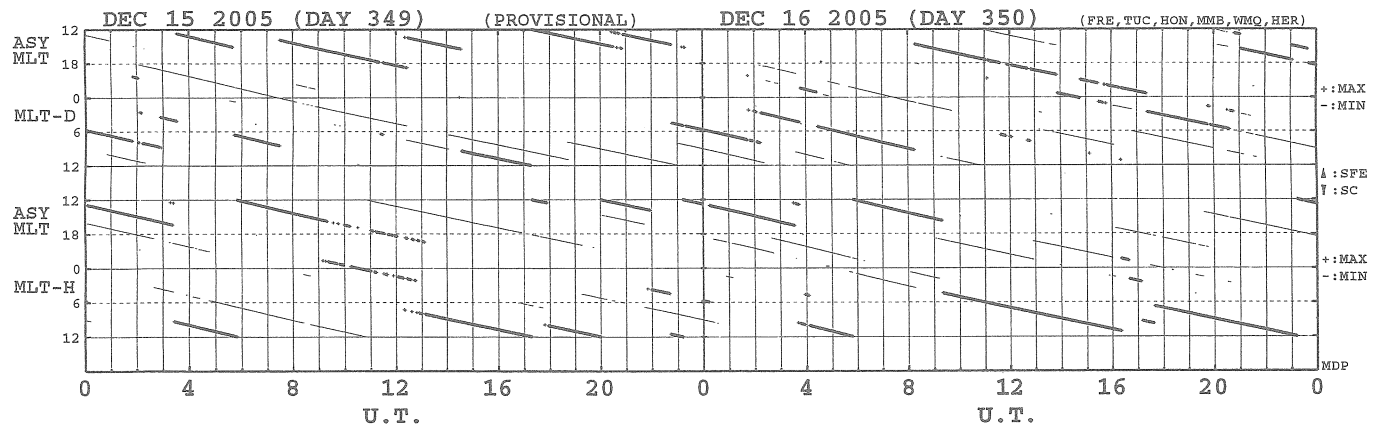
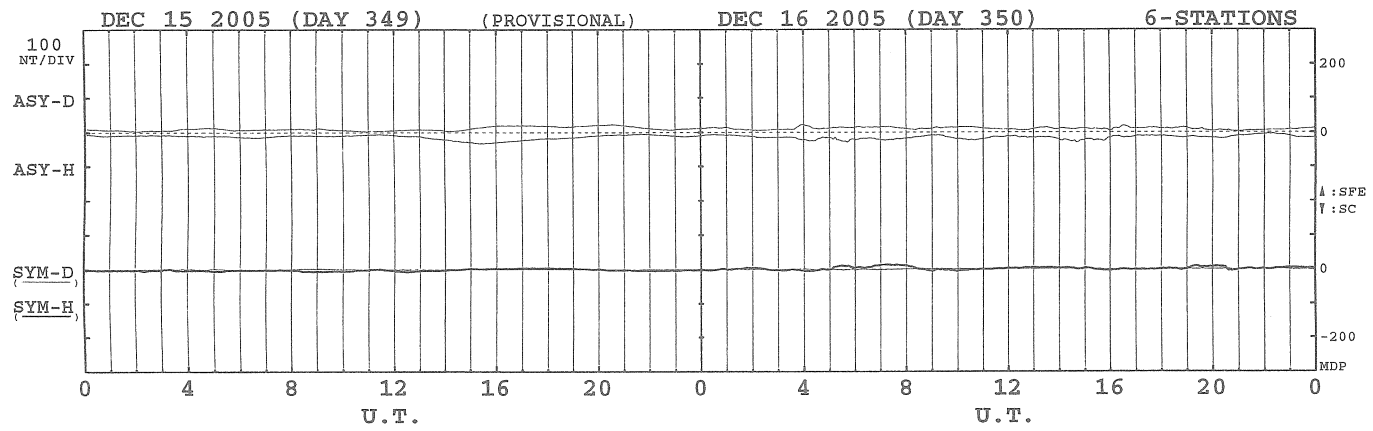
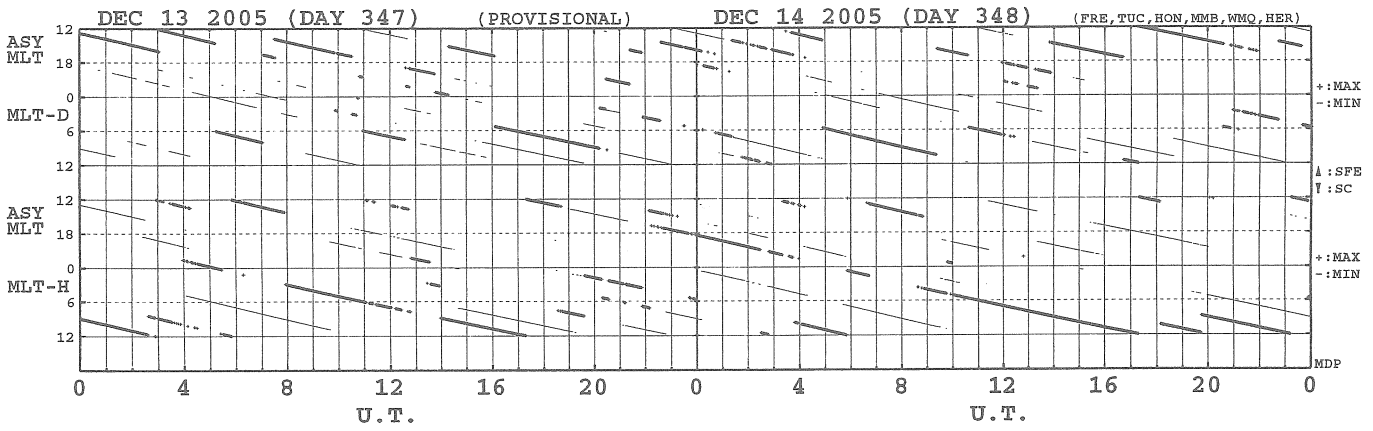
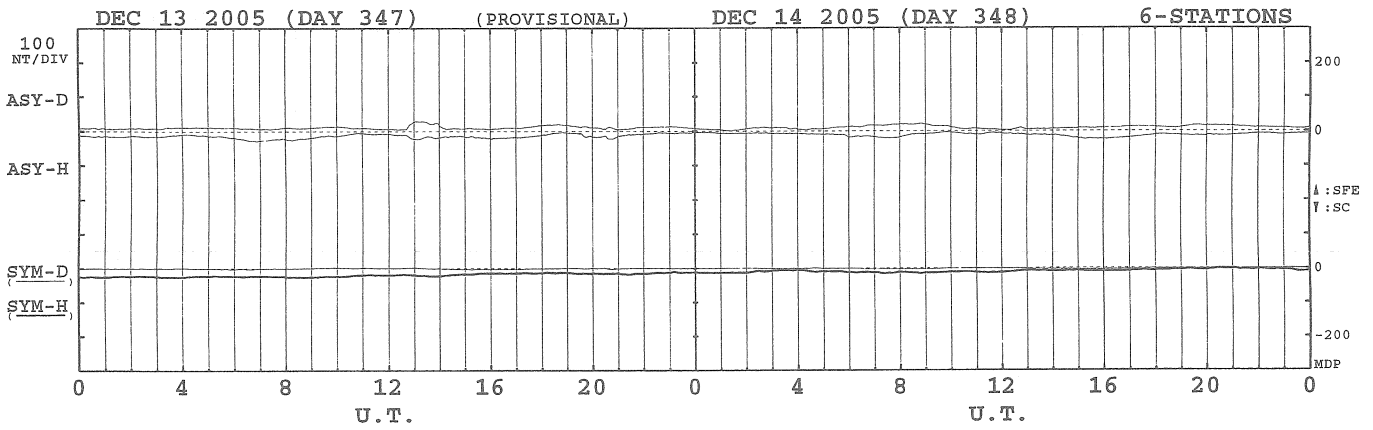


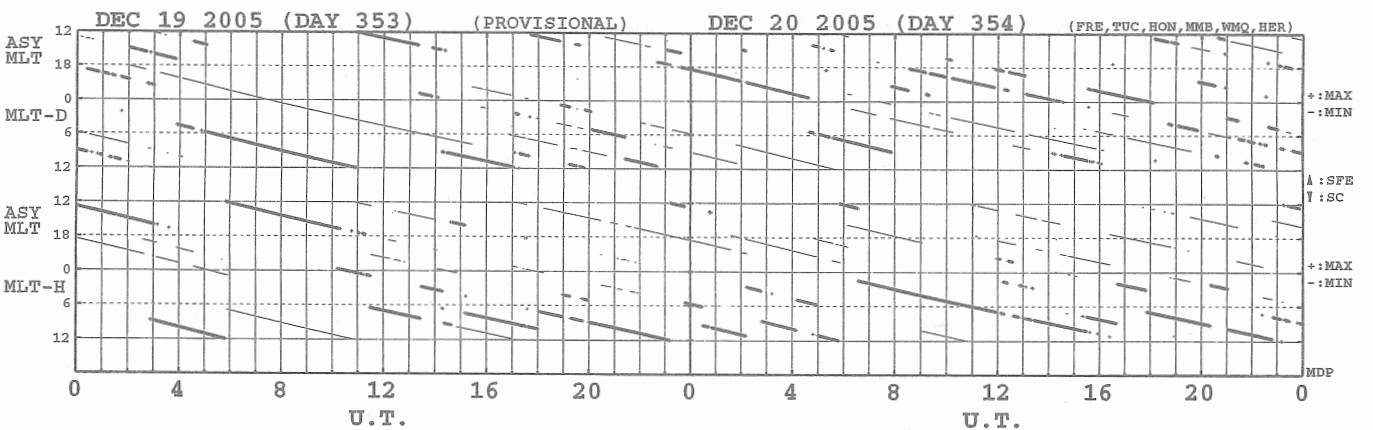
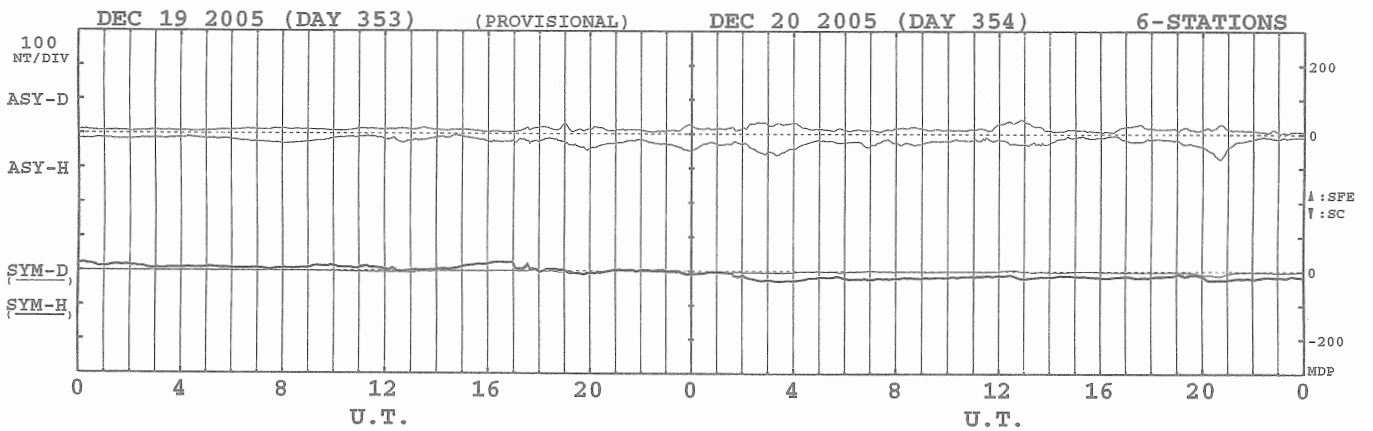
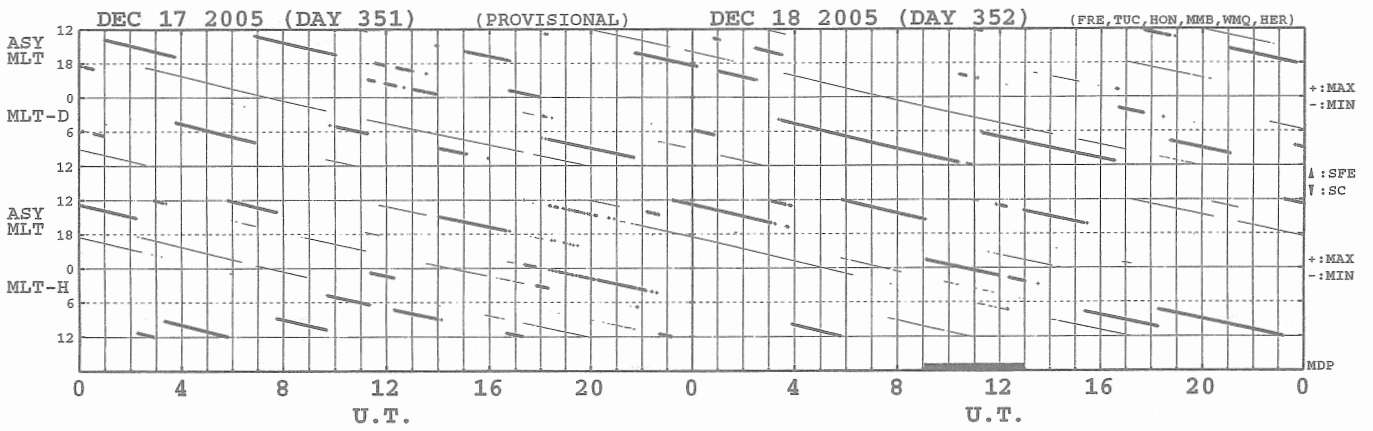
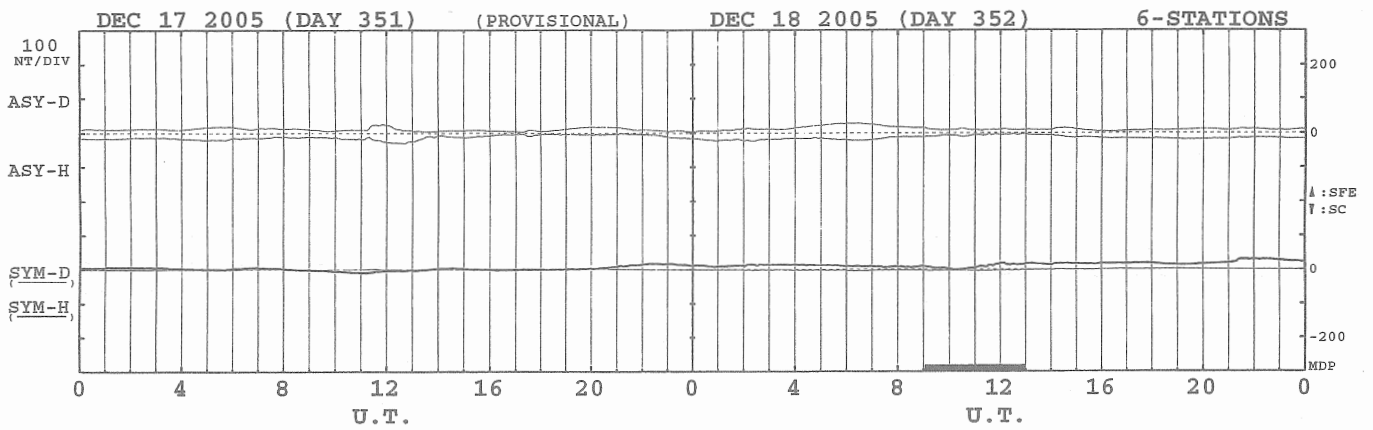


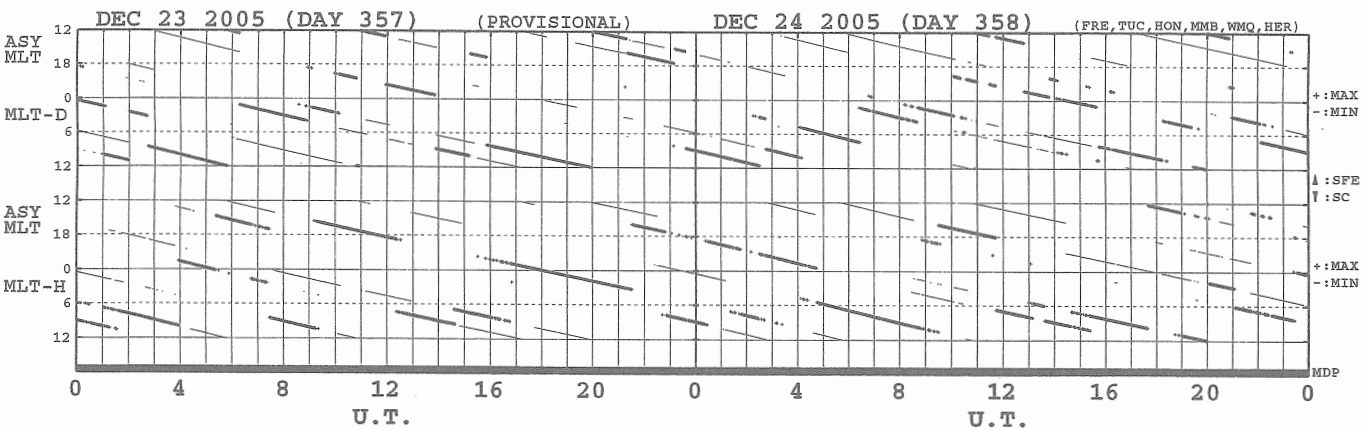
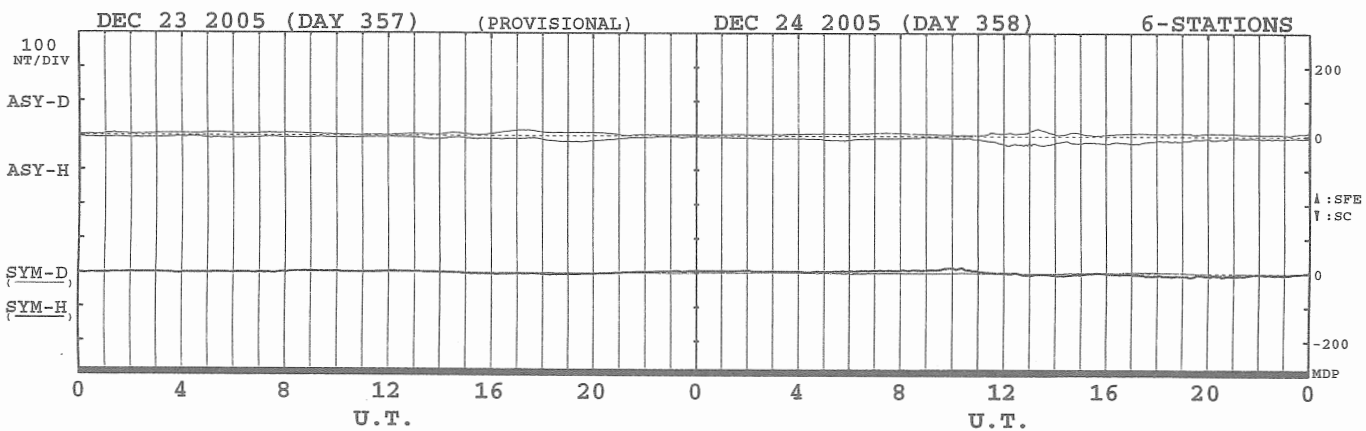
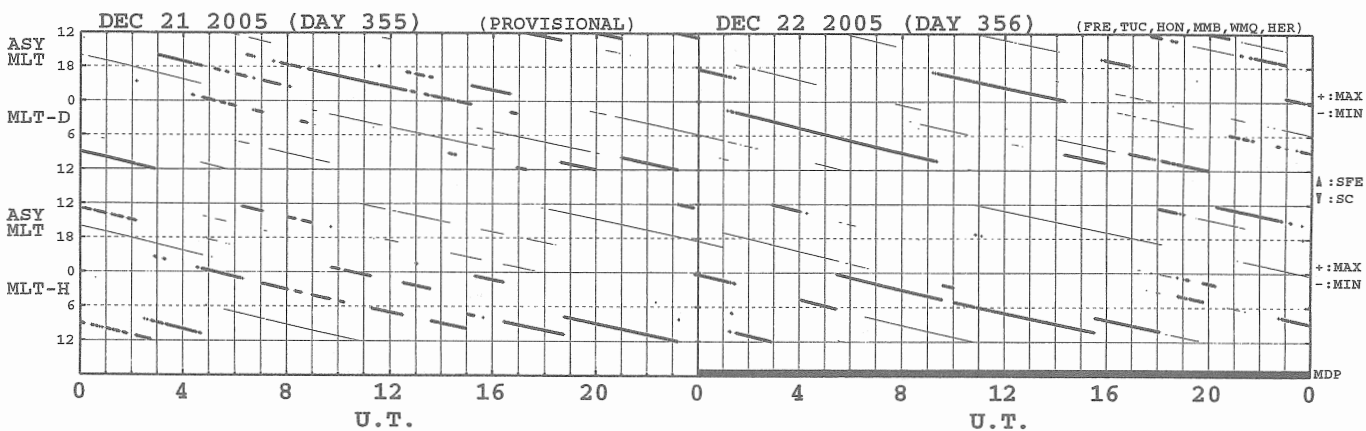
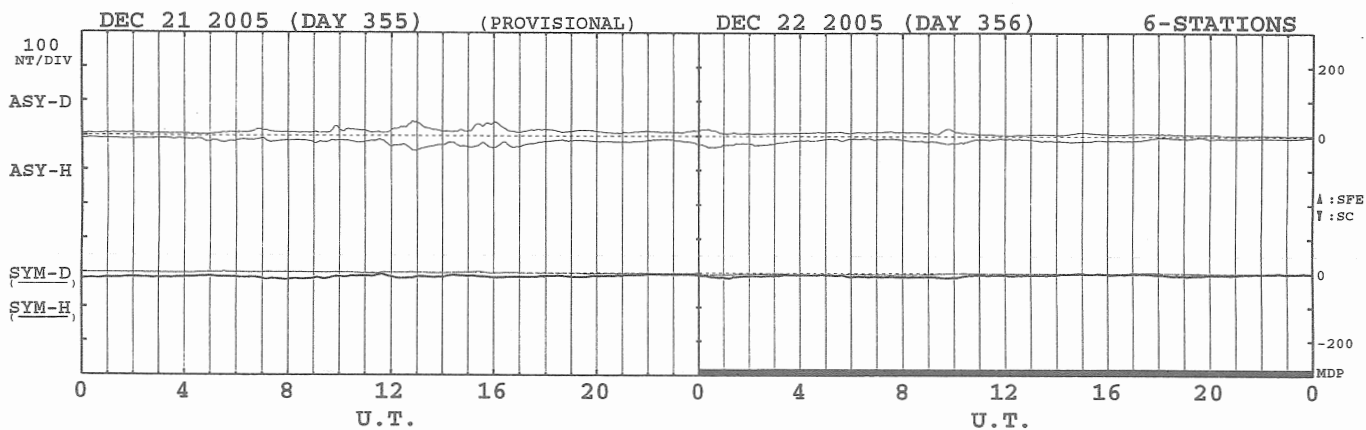


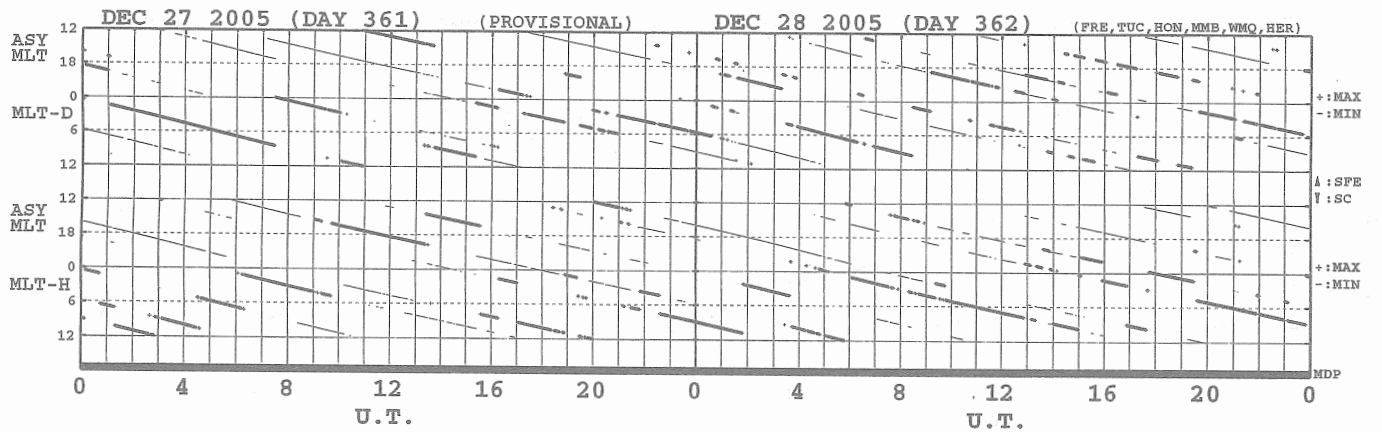
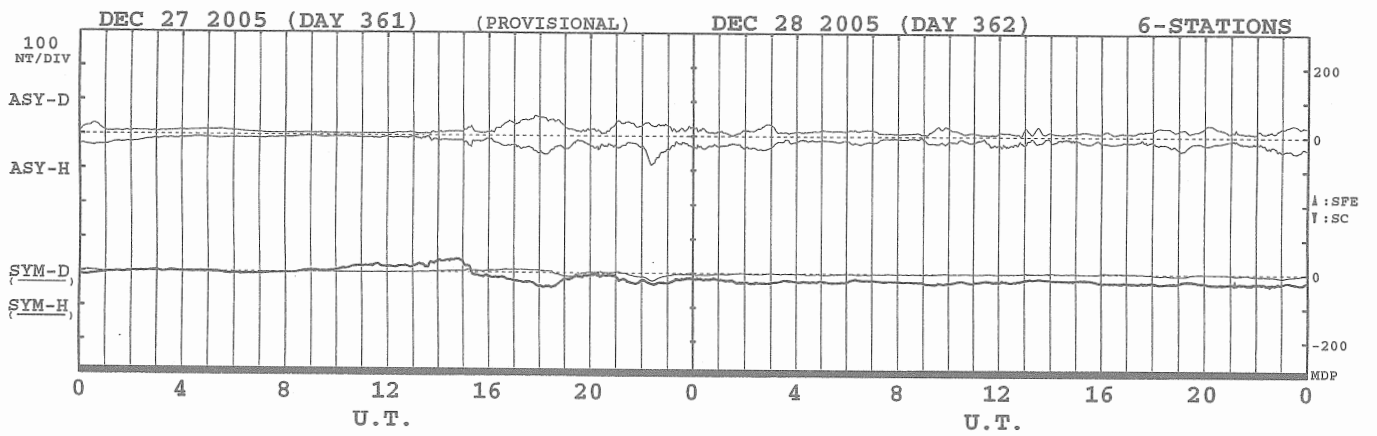
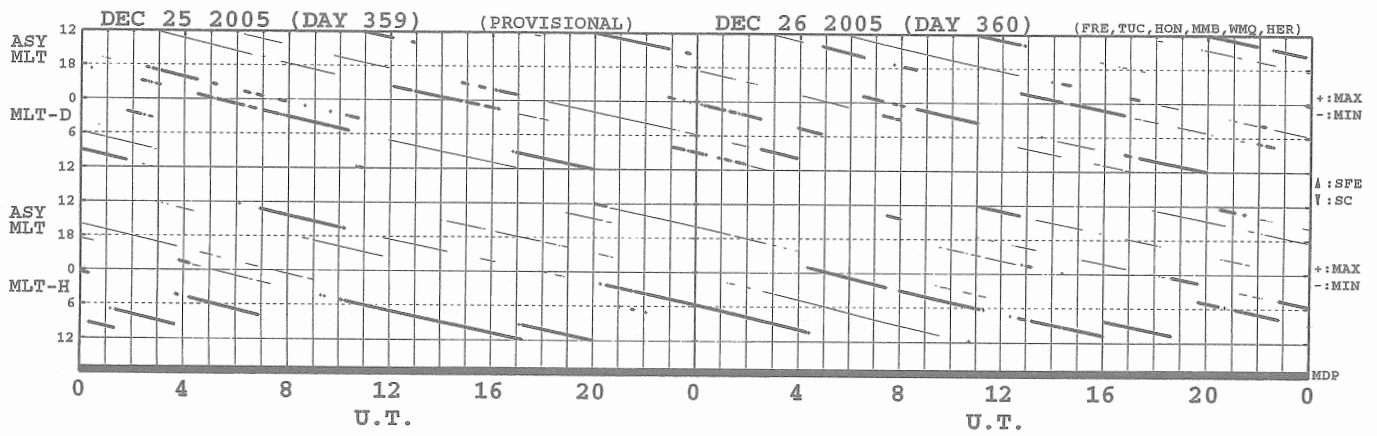
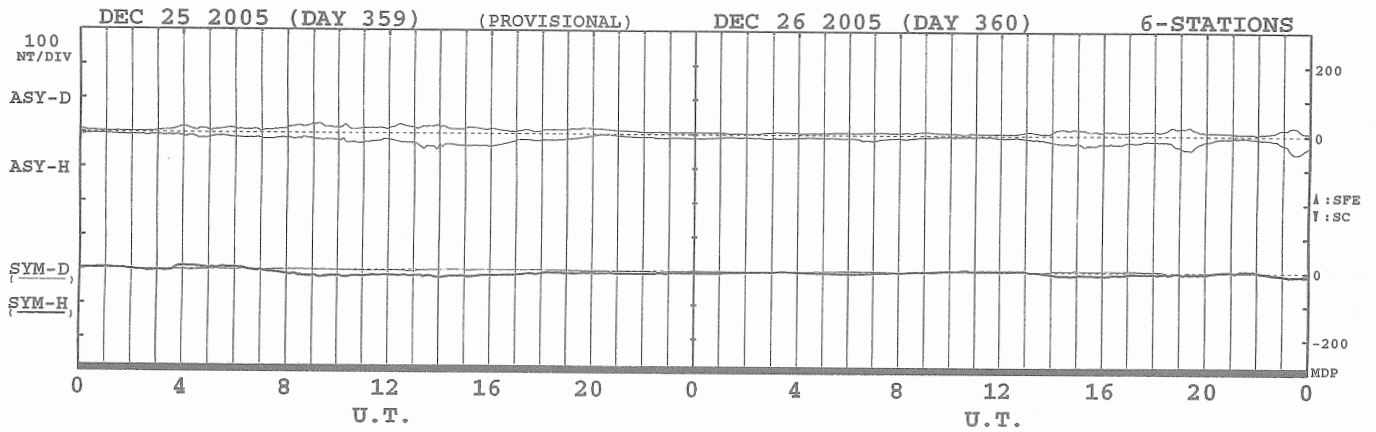


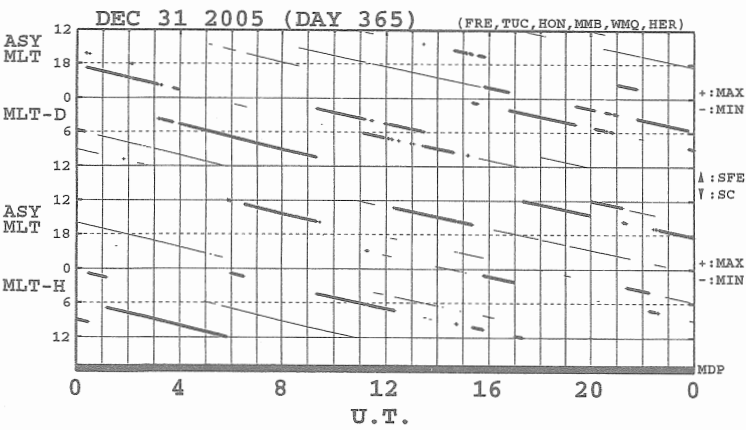
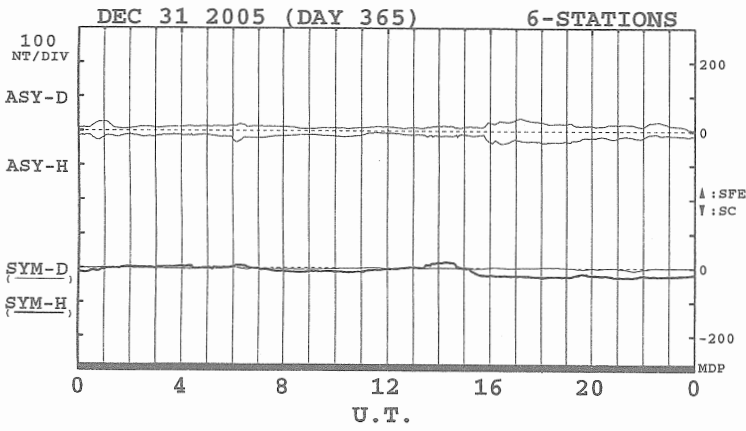
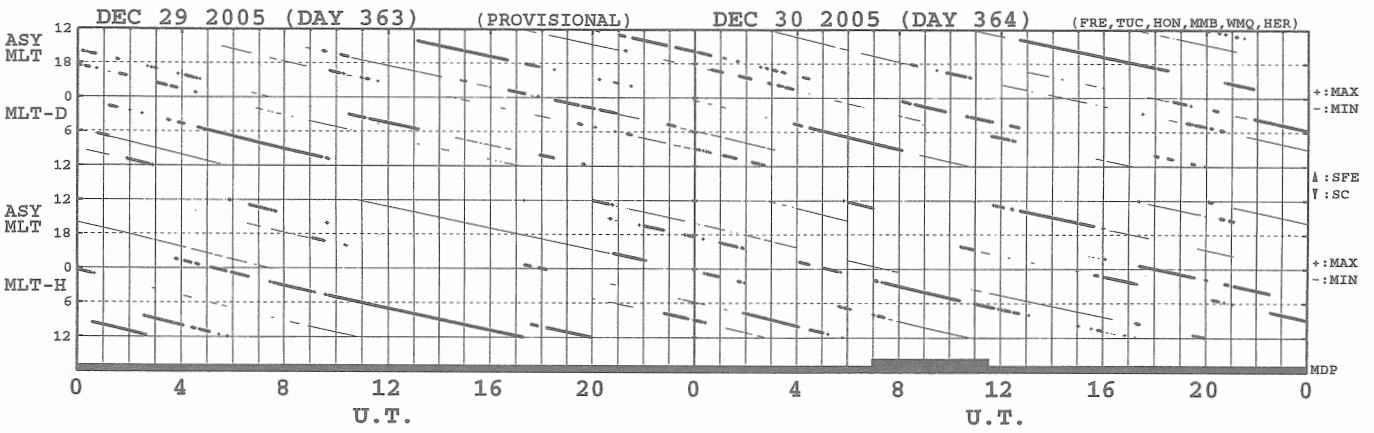
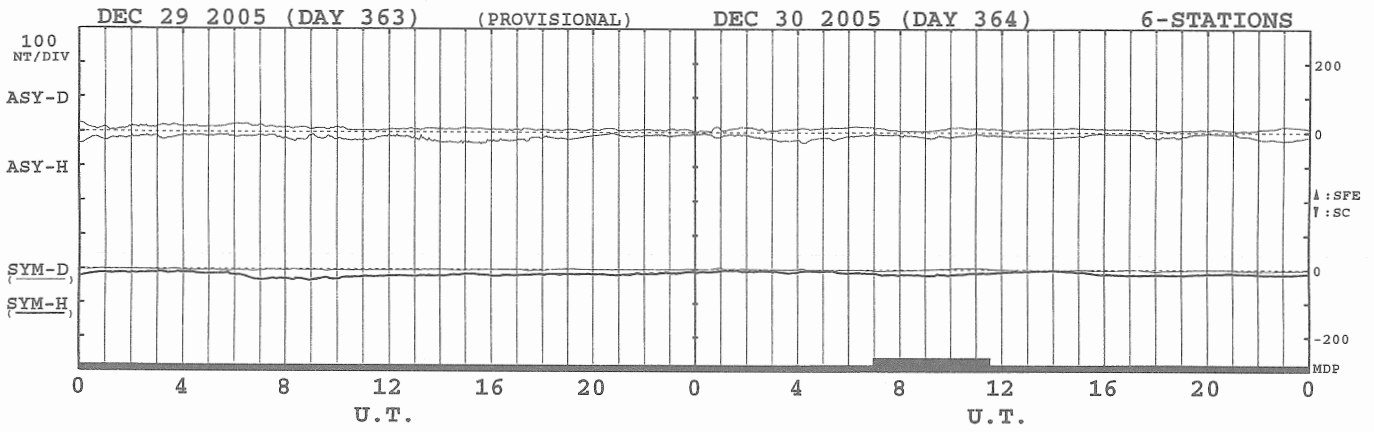












DAY	ASY-D INDEX										JAN 2005										(PROVISIONAL)				nT
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
01	17	8	11	14	14	18	18	8	6	5	15	25	31	24	9	8	7	8	35	60	28	21	18	14	18
02	13	29	51	37	45	18	30	31	53	41	19	15	13	17	25	72	63	53	21	21	26	71	31	28	34
03	48	27	20	19	41	25	26	17	19	30	44	38	44	50	37	13	13	19	18	9	15	23	20	20	26
04	20	26	43	27	11	7	7	10	14	25	24	24	43	20	33	21	32	15	14	8	9	13	12	21	20
05	42	28	26	13	10	12	7	11	39	23	22	42	27	16	13	20	14	8	9	6	10	14	15	22	19
06 Q	21	15	13	8	11	13	13	18	20	17	17	10	8	6	7	6	7	14	20	17	11	13	8	12	13
07	19	12	10	9	14	18	12	10	10	11	16	16	16	13	48	104	61	42	37	30	38	50	74	148	34
08	88	73	43	66	45	29	19	16	22	35	40	60	21	10	11	14	12	11	14	13	14	15	10	4	29
09 Q	10	9	6	6	12	16	13	12	15	12	10	8	6	7	8	10	9	6	8	10	9	9	3	11	9
10	17	17	12	12	18	18	13	9	8	12	17	19	21	20	13	12	19	18	17	15	20	25	17	19	16
11	29	28	24	23	26	33	24	10	17	13	18	18	17	17	12	16	16	10	8	14	20	23	32	27	20
12	37	28	28	38	43	35	23	12	15	24	47	34	28	58	28	24	16	25	38	35	29	21	20	24	30
13	24	24	18	14	23	24	22	12	10	5	18	23	24	23	20	11	16	19	11	15	15	20	21	16	18
14	13	16	16	10	7	12	9	11	11	8	9	13	20	12	11	9	8	8	10	12	20	28	25	30	14
15	32	28	23	21	14	19	25	11	19	17	22	22	19	21	29	18	9	13	10	14	10	11	18	35	19
16	25	18	22	15	6	8	8	14	13	18	18	18	17	16	17	21	13	12	9	10	12	12	14	21	15
17	22	17	26	27	21	14	8	10	23	24	38	89	72	57	35	39	98	101	64	34	21	17	24	29	38
18	52	56	75	23	30	15	27	84	76	31	25	8	22	49	59	59	27	25	31	37	37	43	43	41	41
19	39	68	76	48	62	52	45	53	79	87	87	152	112	71	36	25	44	26	20	25	32	43	64	50	58
20	36	25	17	21	23	15	10	24	11	8	9	12	11	8	16	34	45	25	25	36	42	38	29	18	22
21	21	24	9	13	10	12	11	14	8	9	11	13	12	11	10	11	10	63	86	55	43	48	68	56	26
22	38	33	55	76	25	24	16	13	10	15	10	14	13	27	19	32	19	12	17	24	37	46	29	22	26
23	9	8	14	22	11	7	9	8	7	14	10	12	20	16	14	11	20	13	9	6	5	6	17	15	12
24	9	10	11	10	17	16	18	18	13	12	9	9	10	12	6	14	13	15	10	9	10	14	21	23	13
25 Q	15	7	7	7	7	6	5	8	12	12	7	6	7	5	9	13	7	6	6	6	8	15	11	7	8
26 Q	11	19	18	15	12	13	12	14	21	24	19	13	7	6	7	8	8	7	5	5	14	13	10	15	12
27 Q	18	16	15	11	5	7	5	8	10	9	5	5	7	6	8	8	6	14	15	8	10	7	5	6	9
28	14	10	11	10	10	13	15	15	13	10	5	8	12	15	16	14	11	9	9	12	7	20	27	12	
29	17	11	12	9	10	13	11	8	17	23	28	16	6	10	19	32	10	10	21	30	9	9	19	33	16
30	16	22	23	22	26	18	20	19	15	15	40	13	17	32	14	6	11	12	9	8	11	11	10	6	17
31	4	9	22	15	14	11	12	16	8	7	7	24	85	44	26	39	25	23	15	13	14	7	6	12	19
MEAN	25	23	24	21	20	17	16	17	20	19	21	25	25	23	20	23	22	21	20	19	19	22	23	26	21

DAY	ASY-H INDEX										JAN 2005										(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	18	19	18	20	24	27	24	16	14	19	25	30	31	18	18	20	15	15	54	60	26	19	20	15	23
02	24	54	70	61	63	37	37	22	34	35	32	13	10	13	18	85	73	48	25	20	9	111	40	32	40
03	60	30	22	21	29	23	24	27	18	15	33	34	26	58	55	29	29	37	19	16	26	21	17	15	28
04	22	39	38	38	19	22	24	18	15	13	20	18	27	11	40	44	30	15	23	17	22	25	30	26	25
05	45	33	26	14	23	21	18	12	22	18	27	31	35	19	15	17	28	10	7	8	11	9	19	28	21
06 Q	19	19	20	16	15	16	14	7	4	7	11	14	14	7	9	15	12	14	14	18	23	17	12	9	14
07	9	10	11	9	11	13	13	9	7	10	14	18	24	21	46	92	72	72	45	35	32	36	123	235	40
08	156	140	78	79	57	37	32	25	28	33	43	41	25	26	19	15	13	19	22	24	27	21	9	7	41
09 Q	9	10	11	13	11	10	15	11	9	13	15	13	11	7	6	6	7	10	11	12	8	8	9	8	10
10	10	11	13	15	15	14	15	11	6	5	4	7	10	12	19	17	24	33	26	24	20	19	17	13	15
11	17	18	17	18	29	32	39	31	29	28	26	12	4	8	6	17	17	15	18	20	23	18	20	25	20
12	29	24	40	76	79	48	46	51	35	34	43	30	32	62	22	30	17	27	34	22	31	30	19	22	37
13	18	19	25	31	30	21	21	18	24	27	26	11	9	11	18	18	25	24	9	11	21	7	21	15	19
14	13	10	10	15	17	16	18	21	25	32	30	25	17	18	18	8	7	11	14	9	31	67	21	48	21
15	46	35	32	39	30	35	29	21	19	15	14	25	24	20	32	23	19	40	9	12	22	21	18	23	25
16	17	20	29	23	20	22	19	13	8	9	16	25	25	21	19	17	20	22	16	21	23	27	27	21	20
17	31	60	70	62	57	37	18	12	18	26	43	72	63	85	41	59	115	121	80	65	55	28	18	23	52
18	57	88	100	49	65	40	28	100	143	50	36	37	39	48	86	74	29	28	25	42	32	49	75	33	56
19	22	69	115	104	73	89	71	57	61	108	78	86	76	46	32	40	44	29	11	11	11	24	48	34	56
20	37	31	24	23	19	21	28	32	20	14	13	10	10	12	15	29	70	26	20	25	23	11	29	22	23
21	22	24	24	15	9	10	11	9	12	16	10	10	7	7	13	24	20	240	147	133	107	68	46	44	43
22	39	44	38	68	44	56	45	31	23	20	21	21	11	25	29	17	15	24	34	34	24	19	19	22	30
23	17	18	31	26	20	14	15	13	21	25	12	14	25	9	18	17	25	29	11	12	10	16	31	23	19
24	18	15	16	18	18	17	14	6	6	11	14	23	15	16	7	27	24	23	20	15	11	6	13	15	15
25 Q	13	16	17	11	6	10	11	12	12	5	9	6	6	7	11	13	6	6	9	16	15	6	7	6	10
26 Q	7	6	6	8	7	6	11	16	13	15	19	17	14	10	9	9	11	14	16	15	16	13	8	11	12
27 Q	13	13	13	16	17	12	9	8	9	6	7	8	6	11	13	14	17	10	13	12	12	7	5	10	11
28	11	21	24	17	12	9	9	9	11	15	16	16	16	12	11	15	21	28	25	29	32	15	12	25	17
29	48	25	17	16	19	24	16	17	24	21	49	42	22	26	37	40	21	21	26	54	16	13	32	70	29
30	29	19	21	22	33	11	14	19	12	12	25	9	14	25	17	16	13	16	17	19	12	6	7	9	17
31	12	18	31	21	20	15	13	30	19	16	9	22	65	37	37	30	31	21	19	13	11	7	8	14	22
MEAN	29	31	32	31	29	25	23	22	23	22	24	24	23	23	24	28	28	34	26	27	24	24	25	29	26

ASY-D INDEX					FEB 2005										(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	16	17	10	8	14	20	21	21	21	10	13	14	10	4	11	18	16	17	17	21	18	6	6	6	6	14
02	10	13	9	8	7	7	13	13	15	6	5	10	7	7	14	18	15	21	12	20	19	7	24	26	26	13
03	16	17	16	19	39	32	21	21	24	16	8	9	8	10	14	20	18	18	18	14	7	4	4	4	16	
04 Q	5	7	8	11	8	9	17	18	18	14	8	8	8	8	8	11	12	10	4	7	9	8	4	4	9	
05 Q	6	7	9	11	14	17	16	13	16	8	9	8	9	8	9	9	9	8	8	11	11	11	15	16	11	
06	13	9	9	10	12	11	13	23	30	15	11	7	7	6	8	8	11	12	11	11	15	13	14	14	12	
07	12	21	16	16	26	25	20	17	13	22	23	17	12	14	51	40	20	15	25	30	39	22	28	25	23	
08	21	28	40	54	25	23	26	32	27	14	13	13	17	32	33	23	14	19	17	29	22	15	22	20	24	
09	13	20	23	32	27	24	25	21	24	15	30	11	9	11	15	22	14	17	17	13	13	11	9	8	18	
10	11	14	34	24	18	22	21	24	19	23	20	15	10	13	17	14	11	10	18	22	16	16	16	18	18	
11	15	14	13	12	9	8	14	22	23	18	13	8	5	4	4	3	4	9	7	8	13	26	25	16	12	
12	9	6	4	8	10	14	24	29	26	19	10	12	12	11	7	5	6	12	13	13	12	7	7	5	12	
13 Q	6	8	10	12	12	9	10	8	10	12	15	15	12	9	7	5	4	5	7	6	4	6	6	4	8	
14	5	8	9	11	23	27	18	9	15	19	13	5	4	7	5	3	6	7	10	16	12	6	11	12	11	
15 Q	11	11	12	7	6	6	6	5	7	10	8	6	7	8	7	10	11	9	8	9	8	10	11	9	8	
16	9	10	10	8	8	14	8	15	17	13	9	10	13	11	35	26	27	44	39	31	28	30	24	18	19	
17	12	15	14	10	14	12	9	12	14	14	15	15	9	6	5	10	11	14	15	16	19	29	24	38	15	
18	53	28	26	31	17	21	32	43	43	45	38	30	23	17	19	39	24	12	9	10	18	22	23	20	27	
19	20	29	25	12	8	16	21	18	26	31	26	26	24	19	18	19	18	18	22	27	27	20	20	12	21	
20	25	20	17	14	16	21	22	16	12	11	12	6	8	3	9	11	16	22	22	22	30	25	16	15	16	
21	11	17	19	14	14	20	19	18	18	14	14	15	13	10	12	16	15	14	14	19	21	21	19	14	16	
22	8	11	10	9	7	10	10	12	9	8	11	15	17	13	10	13	12	11	16	15	11	8	7	13	11	
23 Q	18	17	12	7	7	10	8	13	12	10	11	12	13	12	9	13	13	11	9	7	9	11	12	17	11	
24	15	14	13	9	7	9	10	7	6	10	16	20	24	27	7	10	13	13	11	9	8	12	15	12	12	
25	10	10	19	20	20	18	10	6	9	10	14	21	15	14	12	16	26	24	32	25	13	15	15	11	16	
26	11	23	24	19	12	8	9	8	11	11	11	12	10	11	12	18	21	17	15	9	13	17	17	14	14	
27	12	16	20	16	15	15	15	15	10	21	23	18	18	27	14	13	19	20	17	12	6	4	9	11	15	
28	10	15	28	31	27	25	28	26	14	10	16	28	14	9	9	14	21	19	13	16	18	17	17	12	18	
MEAN	14	15	17	16	15	16	17	17	17	15	15	14	12	12	14	15	15	15	15	16	16	14	15	14	15	15

ASY-H INDEX					FEB 2005										(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	24	14	20	26	28	22	24	22	13	13	25	20	15	11	19	19	17	18	19	15	11	10	10	18	
02	9	16	12	5	9	11	9	12	17	15	11	6	14	12	18	18	12	13	8	19	26	16	15	15	13	
03	15	21	18	19	27	20	13	16	24	14	18	21	20	20	20	13	13	12	11	5	4	9	8	9	15	
04 Q	10	9	9	7	10	14	14	19	24	19	15	9	12	17	23	17	18	12	10	12	18	24	25	23	15	
05 Q	18	15	13	14	11	10	9	9	11	12	12	12	14	14	14	16	14	11	12	14	16	13	13	8	13	
06	9	12	14	17	20	25	14	33	33	33	28	27	19	11	8	6	11	24	31	27	14	22	28	20	20	
07	19	13	18	39	45	35	36	30	30	30	28	27	19	35	66	49	33	39	40	64	29	26	43	27	34	
08	17	10	23	68	32	37	42	41	46	38	34	36	37	53	41	31	25	49	45	23	24	26	28	16	34	
09	13	25	19	26	31	35	38	33	34	36	35	30	28	28	14	18	19	22	21	20	22	16	23	21	25	
10	22	23	37	31	25	23	18	19	20	23	32	26	27	34	29	16	14	12	16	34	17	17	14	15	23	
11	16	15	15	16	11	18	22	22	28	28	34	34	27	26	15	10	11	15	21	27	15	13	7	9	19	
12	9	14	15	20	20	19	16	11	10	8	9	9	7	9	13	13	13	10	19	11	11	10	9	11	12	
13 Q	14	14	11	5	8	10	8	8	17	17	13	7	9	10	9	9	9	11	14	17	6	6	8	8	10	
14	5	7	11	18	28	27	26	19	14	11	13	19	23	18	12	9	9	8	10	18	15	12	15	20	15	
15 Q	14	7	7	5	7	10	16	18	16	17	16	10	9	11	14	17	21	24	20	17	17	17	11	8	14	
16	7	13	16	13	9	12	17	19	11	21	28	29	31	28	45	47	46	52	57	35	21	18	20	14	25	
17	16	15	8	10	19	19	13	10	10	9	9	11	18	17	15	10	13	12	13	12	12	15	15	17	13	
18	91	101	66	60	40	33	48	52	49	45	30	24	21	30	42	70	43	42	31	14	19	24	25	17	42	
19	17	16	16	19	21	18	19	37	55	49	40	44	41	31	38	32	24	23	22	21	23	25	23	19	28	
20	38	21	17	12	15	27	21	20	31	26	16	10	13	13	17	16	23	44	42	39	27	24	17	17	23	
21	16	21	39	39	34	30	28	23	26	28	26	19	13	13	16	28	35	40	44	36	23	16	10	10	25	
22	11	12	13	14	14	15	18	16	15	21	19	19	19	15	16	12	14	17	27	34	27	19	10	8	17	
23 Q	8	12	16	15	16	17	19	20	16	11	8	8	14	19	20	13	7	9	17	23	16	14	18	18	15	
24	18	19	16	18	20	18	20	18	14	18	13	10	19	24	13	14	12	7	11	14	15	17	13	11	16	
25	11	12	16	23	25	25	23	16	15	22	25	21	7	11	15	16	25	23	36	29	20	16	10	10	19	
26	18	24	19	23	27	21	16	16	10	15	12	16	19	18	20	21	20	36	44	36	26	17	16	14	21	
27	19	20	19	20	22	22	17	25	24	15	12	16	15	22	17	9	11	16	26	26	21	15	9	10	18	
28	11	15	22	28	28	23	26	38	27	17	9	26	26	17	13	17	19	30	37	36	28	18	39	23	24	
MEAN	18	19	19	22	21	22	21	23	23	22	20	20	19	20	21	20	19	22	25	24	19	17	17	15	20	

ASY-D INDEX					MAR 2005										(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	26	26	20	17	17	19	16	16	31	24	12	14	16	16	14	15	21	21	22	20	27	46	43	22	
02	27	27	28	24	21	15	13	17	25	14	14	22	14	16	18	24	31	34	35	31	27	27	34	35	24	
03	26	22	22	18	15	13	13	15	14	14	15	14	13	12	12	14	15	22	24	27	25	26	29	25	19	
04 Q	19	22	21	15	15	16	20	20	15	15	15	14	14	12	15	20	23	29	26	22	21	29	36	31	20	
05	18	28	32	27	19	17	14	19	21	18	21	20	15	12	15	25	19	21	17	15	21	27	37	34	21	
06	33	51	33	33	32	28	32	30	43	45	25	18	21	15	8	30	54	61	20	33	22	28	39	43	32	
07	43	29	33	42	20	16	63	33	29	24	20	32	43	42	34	22	23	26	26	31	14	10	24	40	30	
08	54	49	25	45	33	12	30	33	27	30	20	20	6	13	17	14	17	18	16	24	20	21	25	17	24	
09	17	22	15	33	24	26	13	13	22	13	10	9	8	9	10	13	14	24	20	28	27	29	25	42	19	
10	49	34	25	11	7	8	10	11	8	12	11	7	6	19	17	42	24	19	15	14	28	35	30	25	19	
11	15	4	4	7	7	9	13	17	17	9	6	8	9	13	11	14	15	14	10	11	20	28	30	25	13	
12 Q	20	13	7	9	8	10	7	10	10	8	8	10	8	6	7	8	10	12	5	9	8	6	6	5	9	
13	8	14	10	5	7	9	9	9	10	11	9	6	6	6	9	7	10	17	33	35	22	20	15	14	13	
14	22	21	34	22	20	26	14	12	11	15	31	17	21	66	49	15	14	17	17	15	10	9	13	21	21	
15	13	10	11	12	14	15	8	8	8	7	7	5	6	10	12	9	7	13	19	16	10	6	9	8	10	
16	15	16	12	11	13	14	11	10	11	9	8	5	7	10	18	23	17	21	26	19	20	23	21	14	15	
17	13	11	12	12	10	17	23	22	20	15	14	18	11	11	17	16	18	25	16	18	23	19	15	13	16	
18	18	16	17	14	9	7	8	10	12	16	15	12	11	11	14	12	12	23	49	38	28	37	21	26	18	
19	39	35	31	23	11	14	18	17	11	7	6	6	12	11	13	12	13	11	5	8	17	19	18	13	15	
20 Q	9	11	14	14	8	11	9	7	7	9	12	13	12	9	12	12	13	15	13	13	17	14	12	18	12	
21	18	14	11	10	11	13	12	12	10	10	9	19	26	11	15	20	24	27	21	11	10	15	11	7	14	
22 Q	11	17	17	11	8	10	12	11	7	5	8	7	3	4	8	11	9	7	6	3	3	15	25	27	10	
23 Q	18	12	14	19	11	6	8	11	13	10	8	6	4	4	5	10	13	20	21	16	9	10	16	17	12	
24	15	17	17	14	8	2	5	6	9	8	7	10	11	14	11	12	13	13	17	17	14	8	11	15	11	
25	20	20	17	18	19	25	29	34	27	25	14	11	9	22	14	17	34	30	28	23	20	13	23	11	21	
26	14	17	19	18	20	19	17	16	18	30	24	35	28	22	25	9	9	13	16	20	18	8	5	9	18	
27	14	14	13	9	11	11	18	21	12	13	13	11	10	27	16	13	32	21	17	16	20	10	8	6	15	
28	9	10	13	14	10	10	9	7	9	9	6	5	5	5	5	8	6	3	7	10	11	17	21	21	10	
29	19	18	17	17	11	10	14	13	7	7	5	3	4	4	7	9	16	17	17	12	7	13	24	37	13	
30	40	32	25	21	21	24	28	19	11	8	11	7	5	5	6	6	9	19	20	32	30	21	11	15	18	
31	18	14	12	9	13	13	9	9	16	14	12	12	12	7	10	12	21	29	32	39	18	12	13	13	15	
MEAN	22	21	19	18	15	14	16	16	15	15	13	13	12	14	14	15	18	21	20	20	18	19	21	22	17	

ASY-H INDEX					MAR 2005										(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	27	25	18	22	21	15	14	25	30	31	28	18	9	5	6	11	9	11	10	15	14	17	51	34	19	
02	33	33	27	21	21	12	10	18	35	36	23	24	16	13	9	18	36	20	13	7	10	12	15	22	20	
03	28	21	16	18	19	13	11	9	10	16	16	13	11	10	6	9	16	19	27	19	12	9	8	14	14	
04 Q	9	10	16	22	25	18	10	6	8	11	14	16	14	8	6	9	11	16	19	20	20	17	21	29	15	
05	37	42	42	44	44	39	36	30	23	24	29	27	17	16	22	25	15	21	24	20	16	29	49	40	30	
06	30	85	44	38	35	27	29	35	51	53	40	32	29	25	27	41	66	64	40	40	24	21	88	45	42	
07	41	53	69	66	56	62	73	28	30	31	34	42	35	38	25	17	34	42	83	28	20	21	18	39	41	
08	58	54	44	71	64	42	33	45	38	25	27	22	13	16	14	12	21	29	20	21	33	20	26	21	32	
09	20	31	30	47	45	53	45	27	17	14	16	15	11	7	10	21	30	21	18	48	61	23	13	48	28	
10	55	55	52	33	25	24	26	18	15	18	14	11	13	30	21	52	19	19	27	26	26	28	18	9	26	
11	10	15	17	15	22	24	18	19	22	12	9	13	12	8	6	10	15	17	15	13	10	15	17	17	15	
12 Q	20	21	20	21	19	14	12	11	14	12	10	6	7	6	7	9	12	17	14	10	15	13	11	11	13	
13	7	8	8	9	8	10	12	18	23	20	19	21	20	12	6	11	19	22	32	23	8	9	22	26	16	
14	14	25	47	46	46	67	52	47	35	25	36	42	36	60	60	20	16	14	15	9	11	12	12	21	32	
15	7	5	17	21	16	11	11	13	13	12	10	8	10	10	12	7	5	7	12	18	18	15	16	16	12	
16	12	9	13	18	18	18	18	17	15	10	9	12	14	13	15	18	15	16	20	26	25	22	18	19	16	
17	11	11	15	23	38	47	50	42	33	24	21	17	16	13	13	17	15	37	24	32	29	21	16	17	24	
18	14	19	24	21	13	8	6	8	11	15	8	8	8	7	9	10	9	15	46	37	38	42	21	22	17	
19	41	27	46	33	23	24	27	17	14	11	13	13	24	22	27	29	28	21	15	14	12	10	9	7	21	
20 Q	8	7	6	7	12	9	11	10	8	8	13	14	13	12	5	4	4	8	14	15	13	9	9	10	10	
21	15	17	15	13	12	11	14	12	11	9	8	21	29	15	13	17	22	23	22	23	27	31	27	22	18	
22 Q	17	21	19	18	16	8	7	7	8	6	6	6	5	4	5	4	7	11	14	15	13	9	11	13	10	
23 Q	11	9	9	14	17	18	16	14	11	10	8	6	9	8	7	12	19	25	23	19	16	8	9	19	13	
24	21	13	6	5	7	9	8	8	7	9	15	19	19	18	31	21	12	14	17	21	19	11	10	11	14	
25	17	18	16	19	23	37	42	54	51	30	23	16	17	33	27	26	28	23	27	17	15	22	39	20	27	
26	18	25	28	22	45	31	28	28	31	39	29	38	32	37	25	16	18	20	13	14	10	9	12	11	24	
27	12	11	15	12	11	7	23	27	16	12	12	12	7	20	12	7	23	27	17	14	28	18	17	13	15	
28	11	13	11	10	10	7	7	11	9	9	8	5	5	9	14	15	16	16	15	14	14	14	12	8	11	
29	8	7	14	20	21	20	19	19	16	11	13	13	13	15	16	17	14	5	16	26	25	24	18	26	16	
30	20	18	19	20	23	25	33	32	28	25	31	20	17	14	15	22	32	37	35	26	20	14	13	9	23	
31	5	7	16	23	28	22	12	12	18	8	5	4	8	9	13	18	12	12	32	31	23	29	28	18	16	
MEAN	21	23	24	25	25	24	23	22	21	19	18	17	16	17	16	17	19	21	23	22	20	18	21	20	20	

ASY-D INDEX					APR 2005																	(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	12	10	9	18	14	13	17	17	9	7	9	5	6	13	17	22	24	25	32	33	33	26	14	13	17	
02	11	12	23	27	21	11	17	21	18	6	9	12	12	6	7	9	16	25	27	19	13	14	15	21	16	
03	20	14	15	16	14	15	19	16	10	6	8	13	11	6	8	14	18	16	12	14	10	13	20	18	14	
04	12	10	17	15	13	8	14	13	11	12	12	12	10	10	12	15	16	14	16	34	28	29	19	24	16	
05	59	48	48	67	32	30	34	31	20	36	31	26	22	21	23	18	17	30	31	22	27	26	17	25	31	
06	28	10	16	10	10	14	16	13	10	9	13	25	20	18	14	10	8	9	15	18	15	12	11	13	14	
07	17	13	10	14	12	12	16	15	10	7	11	19	10	11	12	9	12	17	20	18	15	11	7	8	13	
08	16	15	15	21	22	14	9	7	10	12	13	9	4	5	5	8	10	15	21	19	20	16	11	12	13	
09	10	10	17	20	19	12	11	14	9	5	7	7	5	5	5	9	16	19	23	19	12	10	18	25	13	
10 Q	33	30	24	29	31	22	13	7	7	12	15	15	14	10	10	11	13	19	25	27	23	11	10	18	18	
11	17	15	18	14	10	7	12	15	16	14	6	4	7	14	21	27	30	38	52	60	65	62	44	30	25	
12	38	45	28	57	40	27	18	20	24	21	15	20	48	21	14	14	16	19	31	33	44	38	27	21	28	
13	18	22	21	27	32	25	13	11	23	27	16	8	53	31	10	10	34	44	34	19	14	15	20	31	23	
14	16	11	19	15	27	18	13	13	19	29	27	23	19	19	8	7	10	21	24	15	17	20	19	14	18	
15	15	13	17	14	16	13	9	10	13	14	10	9	6	6	15	17	10	17	25	22	19	18	11	13	14	
16	20	16	23	16	13	12	11	12	11	7	5	8	10	7	7	8	19	26	27	20	14	14	16	8	14	
17	13	24	25	20	14	16	17	11	13	9	9	7	6	5	3	5	13	18	18	12	14	20	21	21	14	
18	21	28	32	27	21	19	15	9	8	11	10	7	15	7	8	6	13	15	14	12	11	16	18	12	15	
19	5	4	4	9	13	17	17	8	8	7	8	6	6	6	11	10	7	6	6	5	11	15	15	18	10	
20	15	15	12	17	34	43	35	20	16	14	15	31	38	29	22	21	10	10	19	24	20	27	25	18	22	
21 Q	18	20	15	11	21	24	21	14	8	7	9	11	10	9	9	8	10	14	13	14	13	13	17	16	14	
22	18	16	16	18	22	19	18	15	14	16	11	8	7	14	25	15	9	14	17	23	23	23	19	12	16	
23	16	24	22	15	13	19	16	12	9	9	8	7	8	9	10	14	17	22	19	14	11	16	17	15	14	
24	19	23	26	31	32	27	23	13	10	7	6	8	11	13	8	8	7	6	14	13	13	35	46	32	18	
25	13	11	20	20	22	31	40	29	17	8	10	13	12	9	7	8	7	6	8	7	17	22	16	11	15	
26 Q	9	13	18	23	25	18	9	8	8	8	7	10	14	11	7	7	3	8	9	9	10	5	4	4	10	
27 Q	4	4	4	6	12	9	5	5	6	7	7	8	5	6	8	8	14	18	16	11	8	6	8	5	8	
28 Q	4	6	5	10	9	5	8	9	8	7	6	6	9	7	6	8	7	12	18	17	11	7	11	15	9	
29	18	19	9	14	25	31	24	14	9	9	9	8	9	10	7	14	17	25	41	61	70	60	43	36	24	
30	37	41	42	31	27	31	25	22	19	12	11	13	24	23	27	16	13	15	26	23	28	17	19	30	24	
MEAN	18	18	19	21	21	19	17	14	12	12	11	12	14	12	12	12	14	18	22	21	21	21	19	18	17	

ASY-H INDEX					APR 2005																	(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	10	11	12	10	8	7	26	10	21	29	28	23	19	10	7	25	38	36	31	27	24	12	9	10	18	
02	16	24	19	10	12	15	16	16	18	21	25	23	21	18	17	9	15	13	13	12	15	21	26	31	18	
03	31	25	13	11	10	8	6	7	10	13	18	12	15	22	20	9	9	20	30	33	22	19	15	14	16	
04	16	8	6	9	11	15	13	7	6	6	7	10	18	20	20	12	31	38	52	50	34	54	57	52	23	
05	97	96	87	124	75	62	57	37	20	26	13	23	21	17	26	31	44	41	27	20	16	42	28	59	45	
06	57	35	35	24	19	10	13	14	18	22	18	20	16	25	11	19	28	15	14	18	20	10	22	27	21	
07	24	18	22	29	24	12	20	16	8	8	15	18	12	17	15	9	8	8	12	12	13	13	10	6	15	
08	13	13	18	10	8	8	5	3	8	8	12	7	7	12	12	17	24	23	18	22	15	9	5	4	12	
09	6	13	18	18	13	6	5	12	16	21	23	15	7	11	17	15	21	21	19	17	23	30	32	29	17	
10 Q	20	16	11	9	9	12	11	12	10	7	7	10	11	11	10	10	19	22	21	16	17	17	15	7	13	
11	3	8	11	17	23	22	19	13	7	9	11	6	10	16	29	39	39	29	28	39	43	57	42	36	23	
12	25	49	58	80	85	71	44	32	23	17	21	22	37	22	21	27	30	34	33	53	30	40	46	28	39	
13	12	9	18	52	76	55	43	28	38	30	13	15	56	41	35	20	63	52	39	20	18	18	34	46	35	
14	33	25	37	23	41	46	18	14	14	28	49	46	28	24	4	9	23	10	7	13	29	34	27	23	25	
15	18	14	30	25	24	30	24	15	14	18	13	10	13	14	18	21	20	27	20	16	12	10	8	26	18	
16	30	22	27	25	18	13	13	10	6	6	8	7	7	7	12	19	16	12	14	12	16	20	17	14	15	
17	10	8	18	25	22	20	22	11	5	12	13	6	5	6	6	12	24	27	20	14	18	25	26	22	16	
18	14	11	9	15	21	31	28	17	14	10	9	8	24	16	12	13	22	15	10	10	8	10	20	23	15	
19	24	16	15	17	15	15	24	6	6	7	8	8	10	11	17	15	9	12	10	12	17	18	17	16	14	
20	19	10	9	9	43	70	53	45	35	22	26	45	52	45	35	27	24	18	15	22	19	14	10	11	28	
21 Q	10	9	9	6	10	9	6	7	5	4	6	8	6	8	7	6	6	10	8	4	7	10	8	6	7	
22	12	18	17	13	9	10	17	16	13	9	6	6	6	13	14	13	5	8	19	26	23	19	14	14	13	
23	9	8	9	18	22	17	10	5	7	6	5	8	9	7	11	21	27	29	22	18	18	20	16	14	14	
24	15	29	35	34	19	15	14	18	12	5	4	8	10	8	8	11	7	6	16	12	11	15	17	19	14	
25	13	7	11	20	25	27	29	11	7	7	8	11	9	9	8	10	12	15	11	6	10	8	7	9	12	
26 Q	9	7	6	6	8	10	10	9	11	13	7	5	12	17	20	17	12	12	13	10	7	12	11	10	11	
27 Q	13	10	8	12	13	12	10	9	6	5	5	5	10	12	8	11	16	15	14	18	16	11	9	10	11	
28 Q	9	15	18	20	16	13	10	8	5	4	6	8	4	6	11	10	12	9	4	5	9	8	9	9	10	
29	10	17	22	19	14	10	11	18	14	7	5	5	6	18	13	23	33	35	42	53	57	45	37	28	23	
30	19	59	64	49	29	26	30	28	22	15	18	18	32	19	26	23	22	24	16	22	23	27	36	31	28	
MEAN	20	20	22	25	24	23	20	16	13	13	14	14	16	16	16	17	22	21	20	21	20	22	21	21	19	

DAY	ASY-D INDEX										MAY 2005										(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	18	28	33	29	19	24	19	15	13	17	22	7	17	15	22	21	32	40	38	32	28	15	12	17	22
02	15	17	22	21	18	19	13	14	21	17	14	12	13	12	11	7	9	5	6	8	13	15	12	21	14
03	23	25	17	19	23	21	24	15	12	13	23	24	14	13	16	19	21	15	23	27	18	14	13	10	18
04	8	10	12	14	18	21	11	13	19	21	16	13	11	13	10	9	10	12	12	20	24	25	17	9	14
05 Q	14	13	8	9	16	17	10	11	15	19	14	8	11	14	12	8	11	14	11	9	14	13	9	10	12
06	13	9	12	16	18	26	26	17	12	12	15	13	9	17	16	11	8	8	9	4	4	7	7	8	12
07	6	6	10	13	11	15	21	20	14	9	9	10	5	9	8	6	12	14	15	10	27	26	31	33	14
08	31	47	44	66	39	26	29	36	31	27	34	37	93	62	92	89	68	78	54	34	48	41	25	35	49
09	29	23	24	24	13	8	9	9	10	8	5	8	7	6	5	9	8	8	7	9	10	19	21	32	13
10	26	27	37	39	27	12	7	10	21	12	8	10	10	13	14	14	17	20	22	23	21	19	10	11	18
11	12	12	22	28	20	11	11	13	9	12	7	7	12	13	18	13	7	8	10	13	20	21	38	30	15
12	24	13	9	18	32	14	14	14	16	9	31	17	9	8	9	12	13	9	13	20	33	38	40	37	19
13	27	46	29	21	16	12	15	16	33	16	11	6	7	10	11	28	19	17	8	14	18	20	15	7	18
14	6	6	12	16	6	11	14	11	15	12	9	11	18	18	13	11	14	12	14	16	27	33	33	35	15
15	33	29	28	34	18	23	159	137	139	67	32	34	19	13	14	10	8	11	32	72	42	31	42	34	44
16	37	31	27	22	31	47	58	24	15	22	20	25	21	17	29	27	28	23	27	32	32	35	27	19	28
17	15	20	20	24	30	21	14	18	33	27	17	37	41	20	12	12	17	17	21	20	28	32	24	23	23
18	23	34	34	29	27	31	32	29	33	30	31	28	45	26	22	31	26	21	16	12	12	17	17	21	26
19	23	22	23	20	13	20	30	18	11	7	15	12	18	15	7	6	21	31	25	16	24	35	37	28	20
20	13	19	16	14	25	41	45	50	31	19	14	23	17	11	12	12	20	23	16	16	23	22	25	41	23
21	44	44	34	37	42	51	63	67	37	23	16	26	9	19	20	26	25	21	21	22	18	20	20	13	30
22	16	26	29	21	27	26	15	12	12	14	11	12	21	12	10	8	8	9	9	5	8	19	14	11	15
23	11	22	27	15	11	18	18	11	7	10	12	17	17	13	17	23	18	13	10	8	7	8	12	10	14
24 Q	8	11	9	9	11	6	6	8	9	9	9	13	12	10	6	9	9	8	5	11	12	11	11	10	9
25 Q	6	5	5	7	13	13	7	11	8	8	9	8	6	6	9	6	3	3	10	19	27	27	26	20	11
26 Q	17	18	16	16	15	14	10	7	6	7	9	9	7	6	8	9	9	8	4	7	7	4	5	13	10
27 Q	17	21	18	12	14	12	8	7	11	10	7	6	5	6	6	4	7	7	7	8	6	5	7	8	9
28	10	10	7	7	13	13	15	25	31	31	22	19	19	22	17	19	16	17	21	25	28	29	18	15	19
29	17	27	29	24	28	23	22	23	21	11	14	8	6	5	9	14	18	22	29	38	30	30	54	57	23
30	52	41	36	40	25	17	39	64	58	58	54	65	53	63	66	36	58	63	56	37	32	33	33	28	46
31	30	27	27	33	22	11	14	13	11	11	15	19	18	9	15	18	20	13	13	24	24	22	18	13	18
MEAN	20	22	22	22	21	20	25	24	23	18	17	17	18	16	17	17	18	18	18	20	21	22	22	21	20

DAY	ASY-H INDEX										MAY 2005										(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	16	29	48	59	41	43	41	23	21	19	17	13	24	10	17	23	38	52	44	27	14	15	18	11	28
02	14	22	15	17	14	14	22	28	25	18	13	11	8	8	18	16	14	25	28	30	17	10	15	16	18
03	20	22	22	20	18	17	24	21	22	19	30	33	15	9	16	24	22	23	17	9	13	13	7	12	19
04	16	17	18	21	17	14	20	27	26	23	15	9	7	8	16	25	19	17	12	11	14	11	9	8	16
05 Q	10	12	10	12	14	20	25	26	22	15	9	9	6	13	18	21	24	21	17	10	11	6	6	15	15
06	15	13	12	9	10	19	25	32	33	22	11	7	8	17	15	19	24	27	25	26	21	19	24	27	19
07	29	25	14	10	17	17	18	19	18	15	9	9	7	11	13	11	15	22	34	36	40	43	41	34	21
08	52	76	83	96	72	69	65	49	54	46	40	40	99	136	128	99	93	91	65	56	25	33	37	38	68
09	50	58	62	54	31	24	20	22	27	26	23	20	21	22	17	18	23	21	21	20	26	28	29	34	29
10	30	33	43	46	44	30	23	19	24	19	20	21	28	19	12	13	20	26	26	19	17	19	16	15	24
11	13	10	6	13	16	13	16	21	35	35	42	40	37	31	15	10	15	16	35	21	18	33	17	18	22
12	22	24	20	28	35	15	20	23	40	27	27	33	28	25	17	20	24	19	16	26	13	20	17	19	23
13	34	38	44	42	37	31	46	36	30	33	27	18	14	16	24	46	15	13	11	7	14	13	11	26	
14	8	8	15	19	13	9	11	11	16	16	22	27	34	30	33	32	25	14	14	14	5	6	15	21	18
15	16	16	44	60	21	33	139	144	221	170	139	114	110	100	83	71	64	68	79	103	93	103	100	63	90
16	62	81	91	94	99	89	62	35	40	29	25	34	25	38	59	58	44	36	37	38	36	34	36	37	51
17	49	47	53	63	70	49	52	46	30	25	23	24	35	44	46	34	20	23	28	26	16	28	32	34	37
18	24	33	44	40	36	33	35	40	39	36	34	36	36	46	49	41	30	22	27	32	30	23	20	21	34
19	20	19	18	16	19	24	32	16	16	15	23	37	31	23	24	22	17	11	12	17	19	17	19	21	20
20	18	17	12	19	56	92	67	72	83	65	33	34	29	32	23	24	18	17	16	18	32	45	47	41	38
21	33	37	43	58	74	68	69	64	52	53	43	21	25	27	20	22	39	32	26	26	40	21	18	27	39
22	29	46	50	28	28	32	33	28	29	27	23	21	21	30	38	39	34	40	35	28	24	25	24	22	31
23	19	19	19	18	14	15	14	11	15	12	7	5	5	14	16	38	44	35	29	30	30	27	21	17	20
24 Q	17	14	14	13	10	9	8	8	8	11	13	11	7	9	9	11	12	15	11	6	7	8	8	10	10
25 Q	5	7	6	8	10	13	13	16	10	8	10	8	6	8	5	6	9	9	4	3	10	18	20	15	9
26 Q	11	14	18	13	7	7	9	7	5	3	4	4	5	8	8	8	6	7	11	16	7	7	7	6	8
27 Q	9	15	16	13	9	10	13	13	11	13	16	12	19	14	12	6	3	6	10	10	15	14	10	8	12
28	7	7	6	6	8	11	13	9	6	7	5	6	8	9	18	11	8	20	30	43	39	33	27	28	15
29	36	34	28	34	46	37	34	29	28	20	16	12	13	18	20	21	16	14	23	34	22	40	59	51	29
30	42	50	51	45	28	17	25	96	98	118	120	118	87	99	108	137	65	79	88	82	44	59	36	52	73
31	57	62	61	78	51	38	36	29	28	28	30	29	29	22	20	18	14	11	11	12	22	27	30	24	32
MEAN	25	29	32	34	31	29	33	33	36	32	28	26	27	29	29	31	26	27	27	27	24	26	25	24	29

ASY-D INDEX										JUN 2005										(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	21	16	8	8	20	18	17	11	12	8	8	6	7	8	9	16	19	12	7	12	24	26	11	14	
02	10	26	35	30	14	9	11	14	18	20	16	12	10	7	11	11	18	18	15	16	17	18	17	15	16	
03	19	26	28	30	22	11	17	16	19	11	9	9	12	10	11	11	15	15	7	19	25	18	12	34	17	
04	38	28	17	15	11	10	9	6	9	10	14	18	25	30	26	16	30	37	42	46	35	25	33	34	24	
05	42	42	41	29	23	26	36	30	16	15	15	20	20	16	10	14	22	20	17	14	16	17	15	10	22	
06	16	25	31	29	18	11	9	10	5	6	9	9	7	9	6	6	10	8	12	20	28	29	19	15	14	
07	13	18	35	45	40	32	25	21	15	18	15	12	21	10	10	6	8	9	18	31	30	29	29	26	22	
08	12	12	18	17	18	19	15	14	18	16	10	9	15	16	8	21	27	20	14	12	11	18	20	19	16	
09	10	14	13	13	20	19	11	8	5	5	6	10	11	17	15	12	13	16	14	11	11	15	31	34	14	
10 Q	21	23	36	40	36	27	21	15	17	18	12	8	7	8	5	7	11	13	20	28	33	26	17	15	19	
11	12	11	18	14	12	22	27	20	14	13	13	11	9	16	18	14	8	13	17	18	24	23	25	22	16	
12	20	21	21	19	21	20	16	36	39	30	29	23	14	22	34	13	17	31	35	29	54	39	42	63	29	
13	51	53	48	52	40	38	28	25	22	27	28	32	54	39	18	13	25	29	28	15	11	11	16	19	30	
14	13	10	10	11	7	5	7	14	9	10	13	10	9	8	8	8	18	18	18	16	18	23	17	16	12	
15	25	33	31	34	39	31	32	31	21	14	25	28	38	32	20	14	17	15	9	5	10	18	21	20	23	
16	14	12	16	16	12	10	7	13	15	23	20	50	23	9	16	29	32	14	24	26	34	25	20	13	20	
17	12	36	48	32	21	19	20	21	18	20	20	16	11	11	15	16	20	18	19	16	7	17	30	32	21	
18	32	25	13	11	14	4	6	12	21	21	19	17	14	11	11	10	11	6	12	21	18	14	22	28	16	
19	19	10	12	15	21	18	13	7	9	12	10	13	11	10	7	6	9	8	9	15	14	11	13	8	12	
20 Q	5	14	16	9	6	8	7	6	9	11	13	12	10	13	13	9	12	10	14	23	22	17	17	17	12	
21 Q	25	19	10	10	19	14	5	7	9	9	8	6	8	10	8	5	11	14	8	11	17	24	24	23	13	
22	20	15	12	12	10	9	9	9	9	11	14	14	10	11	8	4	7	12	13	12	16	13	15	10	11	
23	16	25	17	37	40	57	64	65	79	99	78	56	44	38	30	20	17	29	37	58	71	57	46	36	47	
24	25	26	28	21	18	13	10	7	10	15	13	19	7	10	7	4	9	14	19	11	8	13	9	9	14	
25	16	18	25	17	15	18	19	15	11	10	9	7	5	8	8	7	17	21	19	13	15	13	18	17	14	
26	14	13	19	22	22	9	7	6	4	6	8	8	9	13	13	14	25	36	33	17	8	11	19	20	15	
27 Q	13	6	8	11	9	8	7	5	7	8	5	3	4	9	8	12	15	15	9	11	8	12	11	6	9	
28 Q	6	12	16	13	8	6	11	13	10	8	9	11	6	6	7	6	9	15	21	18	14	13	17	15	11	
29	18	20	12	10	8	7	14	17	18	16	7	8	6	9	9	7	5	9	6	5	8	11	7	10	10	
30	10	9	7	7	18	27	24	13	10	4	6	6	12	15	16	10	8	6	10	18	24	24	18	17	13	
MEAN	19	21	22	21	19	18	17	16	16	17	15	15	15	14	13	11	15	17	18	19	21	20	21	20	17	

ASY-H INDEX										JUN 2005										(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	36	30	26	16	8	20	17	14	7	8	13	15	12	9	6	12	11	5	7	7	9	11	9	10	13	
02	15	18	23	18	11	13	16	15	10	7	8	9	11	16	21	15	10	10	19	17	17	15	17	16	15	
03	11	14	16	18	12	13	29	23	21	12	6	6	13	17	9	8	10	8	12	13	17	14	14	15	14	
04	16	10	9	8	10	8	14	15	18	7	8	14	17	27	33	24	28	26	37	68	48	21	29	36	22	
05	38	47	46	44	33	24	40	54	31	28	19	14	18	17	15	25	29	24	38	17	15	31	30	27	29	
06	26	23	47	48	21	14	12	24	12	9	9	9	14	21	18	7	5	17	22	16	22	31	42	26	21	
07	24	35	44	61	43	44	27	30	26	22	15	14	24	11	14	20	25	15	11	14	15	11	12	8	23	
08	13	10	16	16	15	20	25	26	23	16	11	10	19	27	31	18	16	21	16	18	28	32	27	22	20	
09	16	15	8	7	5	6	6	7	10	11	12	19	20	21	29	16	8	13	19	15	14	17	14	14	13	
10 Q	18	18	18	15	13	16	18	18	19	13	9	10	10	8	5	5	4	7	16	12	19	24	24	19	14	
11	14	11	15	10	9	8	9	16	13	12	14	11	7	11	22	23	19	19	26	24	28	33	26	22	17	
12	17	16	15	15	14	9	24	25	30	26	19	21	14	17	36	38	29	40	105	96	98	101	81	91	41	
13	61	63	83	68	86	65	68	61	60	72	63	46	35	40	23	24	17	25	45	23	21	25	18	15	46	
14	12	14	23	16	15	22	34	33	24	19	14	11	8	7	11	9	13	18	23	37	39	34	23	20	20	
15	17	18	14	20	18	23	20	46	74	54	59	65	56	67	45	25	15	11	13	13	12	13	13	10	30	
16	7	7	5	5	8	9	9	8	9	20	42	73	83	69	43	54	50	40	26	33	32	27	26	26	30	
17	21	43	53	55	37	25	19	16	15	13	10	13	16	16	12	16	24	19	18	22	16	11	17	19	22	
18	19	13	9	12	15	10	11	20	22	15	14	17	16	7	9	12	18	25	26	21	18	16	21	26	16	
19	19	8	7	9	10	11	13	12	11	9	10	16	11	7	21	25	34	30	30	19	14	14	10	6	15	
20 Q	4	5	13	20	19	15	15	14	13	10	9	8	13	11	9	7	13	16	17	13	10	13	8	6	12	
21 Q	6	10	16	13	5	11	14	11	10	7	7	5	6	6	9	14	9	8	10	12	11	11	17	17	10	
22	13	15	9	8	14	9	4	4	7	11	16	19	16	12	9	11	15	8	8	14	21	23	19	24	13	
23	30	52	34	60	94	90	93	76	89	82	79	45	53	47	39	49	29	34	59	50	54	36	33	25	55	
24	23	46	43	35	32	28	22	20	23	15	13	11	12	13	23	31	33	32	24	11	8	14	20	21	23	
25	21	27	43	37	19	24	19	18	17	10	9	6	5	7	10	11	15	11	17	16	20	27	21	30	18	
26	25	20	26	30	25	13	7	7	9	8	6	9	8	17	20	13	13	17	24	25	19	12	13	16	16	
27 Q	15	13	17	12	8	10	9	8	7	5	8	11	8	5	5	8	11	17	22	17	16	10	8	6	11	
28 Q	5	8	12	9	13	16	11	10	12	10	10	11	11	10	8	7	11	12	9	10	11	11	9	9	10	
29	12	8	8	12	12	19	23	24	20	15	18	18	21	18	13	13	22	14	16	13	16	23	27	23	17	
30	15	10	13	11	4	9	11	8	7	10	15	21	19	8	9	17	10	10	7	9	6	9	10	6	11	
MEAN	19	21	24	24	21	20	21	22	22	19	18	19	19	19	19	19	18	18	24	23	22	22	21	20	21	

ASY-D INDEX					JUL 2005										(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	14	17	11	7	6	12	13	17	15	17	18	14	11	10	21	19	13	32	28	34	31	31	24	16	18	
02	19	38	27	12	11	15	20	15	11	11	12	9	7	7	6	10	13	13	12	9	6	9	16	16	13	
03	15	20	19	15	15	7	6	8	14	12	12	13	10	9	8	6	5	11	9	5	9	17	17	15	12	
04	11	11	14	16	16	12	9	10	15	15	14	12	10	9	7	8	11	14	11	10	14	10	14	22	12	
05 Q	24	23	13	7	9	9	7	7	7	9	7	7	11	10	7	6	6	9	10	11	7	8	9	12	10	
06 Q	15	13	10	19	27	32	27	16	12	10	14	15	14	12	8	10	11	11	11	6	5	5	5	15	13	
07	20	17	18	20	23	29	28	22	18	18	12	15	25	25	21	22	11	6	10	17	17	24	15	22	19	
08 Q	34	35	28	19	11	5	4	8	8	9	10	10	11	12	13	12	13	8	3	7	12	10	11	16	13	
09	11	15	24	34	43	26	16	22	24	34	32	39	29	17	39	31	41	36	26	25	21	20	23	29	27	
10	38	39	23	26	39	28	17	35	21	28	30	38	38	69	88	79	64	52	52	53	38	57	64	45	44	
11	31	31	23	21	17	17	25	30	20	21	21	23	16	25	10	12	17	10	17	37	21	26	22	15	21	
12	18	25	40	40	33	31	24	19	28	36	40	78	88	57	92	41	20	24	22	26	24	25	36	35	38	
13	28	16	10	9	9	16	18	22	30	28	24	28	26	38	18	12	12	20	17	14	26	37	36	20	21	
14	9	9	13	13	10	20	19	22	24	36	27	20	15	17	23	18	23	16	12	19	22	19	13	4	18	
15	4	6	8	17	21	25	24	19	15	13	10	6	7	8	8	12	14	9	5	7	7	13	20	14	12	
16	10	7	16	21	16	13	13	18	26	28	18	16	12	7	5	10	17	21	19	10	12	15	24	27	16	
17	20	18	20	22	29	34	35	34	29	36	40	31	17	19	20	16	18	15	11	9	7	12	18	33	23	
18	38	52	48	36	54	30	41	42	29	30	25	22	20	22	6	8	15	16	7	14	24	26	22	22	27	
19	18	19	20	16	7	8	17	20	18	25	24	15	11	16	14	9	14	15	12	11	14	25	32	28	17	
20	33	23	17	6	7	7	15	14	22	23	23	16	19	19	17	11	20	30	28	26	33	27	28	31	21	
21	43	30	32	52	34	22	32	21	29	34	23	12	15	13	12	7	8	14	14	22	15	15	16	19	22	
22	20	16	9	6	16	17	13	12	13	14	13	12	8	14	22	11	9	12	7	17	27	25	20	10	14	
23	15	15	14	14	10	5	5	9	13	16	15	9	7	6	7	13	22	23	19	15	23	26	31	27	15	
24 Q	18	10	9	14	18	14	13	13	8	13	16	16	12	8	8	8	5	12	22	23	11	7	10	10	12	
25 Q	6	5	12	10	12	11	10	11	10	8	8	7	9	8	6	8	9	15	19	27	27	14	8	8	11	
26	7	11	19	19	15	16	12	8	9	13	12	9	8	14	21	28	36	27	17	14	20	19	13	11	16	
27	12	14	14	10	6	11	21	20	19	17	16	11	10	15	15	13	11	14	22	17	12	30	22	24	16	
28	26	17	18	31	44	29	22	26	24	17	20	19	22	34	47	12	10	9	14	11	16	23	25	24	22	
29	22	21	13	15	19	19	20	20	27	25	22	20	10	12	11	13	9	16	16	20	26	19	13	12	18	
30	19	28	30	22	11	16	36	33	23	29	13	6	7	7	14	11	13	11	9	23	43	45	27	16	21	
31	14	17	16	22	23	19	21	23	28	26	21	14	11	15	12	6	8	22	23	19	14	12	22	21	18	
MEAN	20	20	19	19	20	18	19	19	19	21	19	18	17	18	19	15	16	17	16	18	19	21	21	20	19	

ASY-H INDEX					JUL 2005										(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	12	15	16	21	22	17	13	14	18	10	7	6	7	14	15	28	16	46	45	43	39	30	26	19	21	
02	16	40	30	12	16	19	13	8	9	11	11	11	7	8	13	17	14	20	25	29	38	28	27	23	19	
03	15	14	27	14	23	14	10	10	27	25	15	20	18	20	8	7	13	13	11	12	10	15	18	19	16	
04	17	9	8	22	15	16	13	10	14	9	6	6	15	18	23	22	19	16	12	16	22	23	17	15	15	
05 Q	14	20	29	26	18	10	8	12	16	12	10	8	13	17	10	14	19	22	20	19	15	12	11	13	15	
06 Q	13	15	14	15	21	30	31	23	20	15	9	5	7	7	6	4	6	7	9	6	4	6	8	15	12	
07	20	11	13	24	31	23	12	8	9	11	11	9	12	22	21	11	10	10	15	19	13	20	19	8	15	
08 Q	14	22	13	11	9	8	9	7	7	8	7	7	12	8	6	11	18	16	7	5	11	16	22	24	12	
09	16	16	22	25	18	14	12	10	19	32	23	33	40	37	42	37	57	46	39	28	29	27	57	35	30	
10	35	45	24	40	51	33	49	73	31	27	25	37	42	119	130	91	90	72	77	80	54	58	68	39	58	
11	29	31	40	41	35	34	57	53	19	24	19	15	16	26	20	16	19	13	27	50	20	21	19	19	28	
12	22	47	93	96	108	89	56	52	54	43	47	68	80	30	52	50	45	28	20	23	23	19	16	17	49	
13	16	16	16	17	17	25	22	22	34	60	65	90	54	43	52	36	10	39	21	15	18	24	18	12	31	
14	14	17	17	25	29	22	20	19	34	39	29	29	26	25	26	21	17	15	19	20	16	9	10	12	21	
15	11	10	11	14	13	17	24	21	12	15	15	12	10	16	22	17	7	10	9	7	5	4	9	7	12	
16	5	9	18	28	39	41	33	36	24	18	15	11	10	12	16	14	11	15	10	14	11	14	20	17	18	
17	12	15	18	17	22	18	20	29	67	92	71	26	19	21	23	17	21	28	19	21	31	27	38	29	29	
18	44	64	65	57	100	63	63	79	59	61	48	27	21	27	18	23	17	13	14	17	26	26	27	31	41	
19	28	24	28	20	22	25	30	30	13	10	11	10	11	10	12	14	12	10	12	20	23	22	25	17	18	
20	36	30	19	15	26	32	40	19	8	13	18	21	36	47	31	26	29	32	39	37	22	22	23	23	27	
21	59	40	37	78	70	35	50	39	29	31	22	12	11	7	8	12	10	12	17	25	19	18	20	20	28	
22	23	41	15	12	36	30	17	16	18	18	15	17	14	15	27	22	13	31	9	13	19	24	15	19	20	
23	21	22	25	26	23	23	23	26	23	23	20	19	19	23	26	24	25	19	21	23	21	21	21	23	23	
24 Q	23	21	19	18	19	18	18	18	16	18	18	14	19	21	10	1	4	17	17	18	7	12	9	15	15	
25 Q	23	22	23	20	16	11	10	11	8	10	14	10	10	9	6	10	10	12	11	12	22	34	33	36	16	
26	31	29	26	26	26	28	36	32	30	29	36	40	43	36	37	29	25	19	23	29	30	26	23	20	30	
27	19	21	23	23	26	30	42	27	30	36	43	46	43	33	36	40	51	50	47	49	52	52	43	41	38	
28	37	24	29	59	83	69	42	42	47	46	45	32	28	44	61	44	37	32	41	42	33	39	36	43	43	
29	47	49	42	52	37	29	34	25	24	21	29	23	49	53	48	37	41	25	18	21	20	14	14	21	32	
30	26	36	49	31	40	42	32	27	32	32	28	25	25	26	24	27	26	25	19	15	12	14	12	12	27	
31	21	27	28	29	37	44	36	26	23	23	24	27	24	21	30	37	48	38	37	39	32	33	36	38	32	
MEAN	23	26	27	29	34	30	28	26	23	26	25	25	24	26	28	25	24	24	23	25						

		ASY-D INDEX										AUG 2005										(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	18	18	14	19	20	21	20	24	21	25	30	36	27	19	22	28	27	24	27	33	29	24	22	16	24	
02	20	20	25	28	32	32	32	27	23	18	9	16	16	14	19	18	15	16	19	20	18	15	21	23	21	
03	22	25	26	38	42	37	24	18	16	17	17	18	17	14	15	16	19	21	17	20	21	27	33	38	23	
04	20	11	26	19	14	13	22	33	18	22	33	18	14	14	17	18	15	20	30	30	24	16	20	19	20	
05	14	15	15	13	14	12	11	12	11	10	10	12	13	18	25	21	18	26	35	25	20	25	36	29	18	
06	34	33	31	30	32	40	17	22	33	31	17	18	24	16	17	20	22	28	29	33	35	30	23	14	26	
07	32	29	28	36	31	27	33	28	18	17	42	15	16	16	16	13	21	33	37	29	28	24	25	16	25	
08	15	13	18	21	24	25	16	23	13	15	14	10	16	12	12	8	17	21	13	12	24	29	32	24	18	
09	15	23	24	29	19	12	10	11	12	13	16	11	11	13	11	12	18	26	28	29	34	30	25	11	19	
10	11	19	31	26	17	12	11	15	33	52	86	79	52	51	38	21	20	23	32	29	25	24	27	20	31	
11 Q	7	10	13	12	9	11	11	15	13	9	9	11	14	10	7	9	22	33	30	20	21	24	19	12	15	
12 Q	10	14	16	17	15	11	11	11	14	12	11	11	9	11	13	16	15	15	14	11	12	20	26	27	14	
13	23	20	18	21	37	20	12	15	12	12	22	26	25	29	25	17	11	12	16	15	15	23	25	12	19	
14	12	14	22	19	16	15	10	14	14	13	12	13	9	14	16	12	9	14	12	8	13	6	13	24	13	
15	25	14	9	7	8	11	12	10	9	9	5	10	12	12	10	7	11	10	8	11	8	7	14	12	10	
16	8	10	16	14	29	20	15	16	10	11	19	29	19	20	20	19	11	13	17	12	12	15	22	10	16	
17	20	14	15	14	15	24	14	12	8	10	16	13	13	14	15	13	19	27	26	29	25	19	16	13	17	
18	25	13	13	23	28	30	24	13	7	26	5	8	12	11	9	12	14	19	10	4	9	14	15	9	15	
19	11	18	23	18	12	4	9	14	13	13	18	8	10	6	7	9	8	7	10	16	20	20	22	20	13	
20	21	19	17	10	4	5	14	20	24	24	17	8	9	8	4	4	8	16	19	16	11	15	16	17	14	
21	22	15	10	7	14	15	13	9	13	16	12	11	16	11	12	14	17	16	13	11	13	16	19	18	14	
22	17	25	23	19	10	9	10	14	12	12	17	21	16	13	11	11	10	20	21	6	10	20	28	31	16	
23	19	20	19	17	10	9	7	10	15	18	20	17	18	14	12	13	16	10	18	24	24	19	15	16	16	
24	26	16	15	19	11	9	22	64	52	64	218	138	123	59	64	46	56	45	78	98	37	19	38	44	57	
25	31	29	30	20	23	30	36	34	20	26	35	25	32	26	15	24	31	25	22	27	18	15	23	25	26	
26	22	13	7	13	16	25	20	17	14	14	13	10	13	13	14	17	20	18	12	7	7	8	15	22	15	
27 Q	31	32	26	25	18	16	10	9	16	13	8	8	13	17	16	20	25	21	12	14	16	16	11	14	17	
28 Q	13	13	17	14	12	13	11	9	8	9	11	8	9	7	5	7	18	22	18	16	17	19	11	13	13	
29	23	18	12	22	25	22	18	15	19	17	10	7	8	7	11	8	12	14	14	7	9	15	18	10	14	
30 Q	6	11	15	15	9	10	14	12	11	8	9	8	10	9	6	6	9	13	13	17	18	15	19	16	12	
31	27	25	15	14	19	25	23	14	11	12	15	11	28	67	68	84	78	74	85	57	41	39	20	22	37	
MEAN	19	18	19	19	19	18	17	18	17	18	25	20	20	18	18	18	20	22	24	22	20	20	21	19	20	

		ASY-H INDEX										AUG 2005										(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	19	21	29	25	28	33	33	38	34	27	32	31	27	33	43	55	54	47	46	41	37	34	28	35	
02	37	34	36	26	30	30	31	31	32	34	45	33	39	29	30	27	30	31	28	25	30	30	27	27	31	
03	33	41	39	44	49	42	31	28	31	33	32	30	27	34	40	41	43	47	40	44	37	22	16	33	36	
04	19	23	21	25	23	25	26	40	27	35	42	32	28	21	20	36	50	51	45	37	28	27	21	22	30	
05	22	22	22	19	22	20	15	19	23	27	25	22	30	40	40	37	37	40	50	34	31	20	17	18	27	
06	40	41	36	35	29	52	33	30	50	46	16	21	35	29	27	35	34	35	32	30	38	28	17	16	33	
07	40	43	23	30	37	37	51	29	33	28	42	18	21	26	28	23	31	39	42	35	27	15	23	13	31	
08	19	16	16	16	17	23	20	33	20	19	20	24	22	17	26	27	28	25	19	22	21	17	23	25	21	
09	20	18	19	27	22	17	17	19	23	27	31	22	23	20	27	34	44	48	40	33	25	16	23	18	26	
10	16	19	16	15	19	23	21	31	63	79	82	84	82	48	46	44	29	25	19	21	18	12	8	7	35	
11 Q	10	15	17	16	14	14	14	19	25	29	32	26	21	21	26	31	34	28	21	18	21	26	25	21	22	
12 Q	20	21	19	16	15	16	21	21	22	20	18	17	19	20	17	13	15	15	20	25	27	27	26	31	20	
13	23	20	21	29	38	23	18	15	19	22	20	20	24	21	14	11	16	20	28	31	17	14	18	25	21	
14	21	17	34	28	21	23	18	16	16	20	16	16	21	23	20	19	19	23	25	22	20	20	21	15	21	
15	10	11	13	9	10	15	13	13	13	16	22	22	27	31	31	28	34	33	27	21	20	21	27	23	20	
16	18	17	20	17	42	30	19	19	18	23	18	16	38	43	33	15	17	21	17	19	22	27	16	10	22	
17	16	20	19	10	22	31	20	16	20	16	11	20	21	24	24	29	34	28	26	27	20	23	19	15	21	
18	26	17	25	23	25	29	18	10	13	23	11	17	26	40	33	23	15	19	11	14	13	9	9	12	19	
19	12	16	23	22	21	18	17	9	12	14	16	10	15	21	32	37	36	29	33	29	20	14	13	12	20	
20	15	18	21	19	17	20	15	11	11	12	11	7	11	18	25	25	21	19	19	19	15	10	12	22	16	
21	30	36	29	22	16	14	14	19	22	22	17	14	20	26	31	31	38	40	23	12	17	13	19	18	23	
22	16	26	25	32	43	22	10	9	11	12	10	16	16	18	25	35	43	56	30	16	12	11	17	28	23	
23	33	23	24	23	29	24	22	18	9	8	10	12	25	20	11	11	19	18	24	24	22	15	15	12	19	
24	23	25	18	19	15	14	18	81	81	69	172	118	79	134	49	45	44	43	94	112	84	89	70	66	65	
25	66	72	80	34	33	58	37	22	19	14	18	15	28	24	18	60	37	24	26	30	28	21	17	19	33	
26	20	28	29	33	29	36	43	40	20	17	16	10	8	13	18	16	10	7	7	11	10	12	13	12	19	
27 Q	14	39	35	20	19	13	11	13	15	12	16	16	10	8	10	10	12	18	32	36	35	31	25	21	20	
28 Q	22	15	10	12	20	20	15	13	16	17	20	16	9	11	19	19	12	7	9	11	15	18	16	19	15	
29	29	21	26	24	30	28	31	36	26	28	25	15	8	7	8	13	14	17	15	11	18	20	15	12	20	
30 Q	19	19	19	16	12	8	9	9	9	9	10	9	9	10	16	20	30	36	31	26	23	15	16	13	16	
31	10	22	35	35	21	16	20	24	13	16	24	17	30	70	106	100	105	103	115	78	77	69	48	28	49	
MEAN	23	25	25	23	25</																					

ASY-D INDEX					SEP 2005										(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	35	44	33	31	44	30	26	22	21	22	20	11	27	13	13	10	13	22	16	11	10	10	12	16	21	
02	19	11	9	11	21	34	28	26	45	22	25	29	14	14	18	28	47	49	48	60	47	31	27	26	29	
03	38	52	48	31	24	39	18	15	15	56	19	27	28	42	38	15	14	16	16	11	9	5	8	28	26	
04	30	29	29	49	31	30	24	27	39	34	35	31	27	17	27	20	18	23	18	12	8	14	18	26	26	
05	30	35	21	15	18	15	19	17	22	32	12	11	14	15	15	14	20	6	6	11	18	17	15	13	17	
06	18	31	25	19	12	7	7	10	10	7	10	8	9	10	18	26	22	17	10	13	19	21	21	22	16	
07	23	27	29	25	19	15	16	14	11	6	9	25	16	9	10	8	8	51	74	36	31	29	33	32	23	
08 Q	26	13	6	12	13	9	6	5	7	7	8	14	13	12	22	24	20	18	16	12	13	32	20	14	14	
09	15	16	14	25	20	26	15	6	3	4	11	8	13	12	28	14	17	36	34	47	97	48	24	24	23	
10	41	44	41	38	37	29	41	29	18	30	27	33	19	21	17	19	38	61	63	48	42	29	55	53	36	
11	51	74	50	66	45	47	139	80	80	68	76	83	78	79	33	34	14	20	26	20	26	35	42	45	55	
12	56	52	34	25	31	31	34	55	62	50	35	36	26	16	28	83	35	26	23	44	56	47	38	86	42	
13	59	48	41	21	23	36	22	34	62	40	113	101	91	85	42	13	6	5	11	21	27	17	15	32	40	
14	25	15	14	12	16	25	29	40	24	27	17	17	15	12	46	25	25	28	10	15	19	15	20	26	21	
15	31	26	17	9	9	14	14	14	15	23	30	25	14	53	49	46	56	29	50	36	26	32	33	27	28	
16	27	25	29	23	22	14	10	19	27	52	57	41	27	32	18	7	8	13	21	25	13	14	12	9	23	
17	15	18	13	8	14	18	19	10	9	16	23	17	22	17	14	23	21	14	10	14	20	17	19	13	16	
18	11	11	15	18	16	14	15	27	16	15	24	18	8	13	14	13	9	8	7	23	27	21	14	17	16	
19	21	18	10	17	19	18	16	17	13	9	7	9	10	11	10	10	14	15	12	10	17	19	18	15	14	
20 Q	17	22	26	19	10	6	12	12	10	9	16	14	18	12	10	7	8	10	7	8	11	14	12	7	12	
21 Q	9	14	22	17	11	8	11	14	11	8	11	9	7	8	12	10	12	12	8	9	16	16	15	14	12	
22	8	4	6	8	10	8	7	10	7	5	5	7	9	12	17	15	18	21	13	12	7	8	10	10	10	
23	9	9	8	7	16	14	13	15	13	12	9	9	7	7	8	11	13	18	12	15	26	29	21	9	13	
24 Q	4	6	13	10	7	9	15	18	16	8	7	9	5	9	12	10	13	24	22	7	5	14	16	10	11	
25 Q	6	20	27	21	16	13	9	6	5	8	7	9	20	16	10	11	10	16	9	11	20	25	23	19	14	
26	20	23	22	17	32	33	27	16	14	17	14	16	25	29	13	20	16	19	19	21	23	39	35	23	22	
27	11	8	17	10	33	24	24	16	13	16	22	7	6	8	9	9	12	17	21	18	14	10	15	18	15	
28	15	24	12	11	13	15	14	18	17	23	18	13	9	13	25	18	22	20	13	13	12	13	10	9	15	
29	8	8	7	7	14	11	12	14	15	11	12	14	16	23	13	8	13	14	13	18	16	10	7	4	12	
30	5	9	7	7	7	6	10	13	14	15	13	11	10	26	39	19	8	9	8	8	11	16	11	9	12	
MEAN	23	25	22	20	20	20	22	21	21	22	23	22	20	22	21	19	18	21	20	20	23	22	21	22	21	21

ASY-H INDEX					SEP 2005										(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	55	42	36	69	42	31	23	23	20	17	19	33	23	24	13	9	7	8	8	8	14	14	16	24	
02	17	16	17	19	41	44	28	23	41	25	14	29	32	27	23	34	44	83	77	68	42	29	17	8	33	
03	19	68	64	56	41	62	38	21	19	69	45	24	17	32	35	16	14	13	9	12	17	23	34	59	34	
04	42	25	25	69	63	63	50	50	33	59	42	35	27	17	25	29	23	29	22	15	16	21	24	18	34	
05	22	35	22	17	20	19	14	10	18	21	13	10	12	13	9	10	16	14	15	13	19	17	20	15	16	
06	28	30	22	19	10	11	11	15	13	8	22	18	8	10	11	19	16	17	15	13	10	9	7	7	15	
07	8	8	23	21	12	14	21	14	9	10	21	19	14	14	15	12	11	50	47	20	19	13	7	5	17	
08 Q	8	21	24	20	16	16	11	7	7	8	8	14	16	15	8	9	12	9	12	11	12	14	10	10	12	
09	10	11	10	17	14	11	9	11	14	17	18	17	16	8	45	34	32	57	41	38	42	36	30	20	23	
10	12	10	12	11	13	7	25	27	14	18	19	13	11	19	25	25	85	79	61	49	58	41	26	49	30	
11	62	87	54	98	78	86	187	96	82	83	81	89	74	99	63	46	16	44	54	37	57	53	31	48	71	
12	67	81	68	57	59	40	57	67	57	41	35	37	30	20	48	144	56	59	56	87	65	37	39	127	60	
13	76	62	79	53	57	50	36	31	42	64	76	76	60	51	29	24	28	31	31	39	47	34	26	36	48	
14	32	24	16	24	31	53	39	48	37	25	35	40	32	17	48	40	34	26	20	21	9	14	19	30	30	
15	27	24	17	19	19	13	14	13	21	23	23	38	24	52	72	68	68	52	42	23	67	67	37	28	35	
16	36	32	57	41	37	23	21	14	22	30	39	37	32	22	17	13	10	11	27	31	28	23	17	19	27	
17	15	16	21	18	19	14	20	11	10	8	13	15	16	17	16	29	16	21	22	14	11	13	25	15	16	
18	14	18	21	22	19	19	13	18	30	19	20	16	14	16	10	6	8	10	16	7	9	11	14	18	15	
19	19	20	19	19	18	17	18	22	26	25	21	10	5	10	8	13	17	18	17	16	12	12	10	12	16	
20 Q	9	11	16	15	14	11	11	12	13	8	14	17	10	5	9	7	5	5	8	10	8	7	6	10	10	
21 Q	8	9	9	7	6	7	10	16	19	15	16	11	6	5	11	9	5	7	13	13	12	10	8	9	10	
22	9	8	4	9	9	10	13	18	13	10	12	10	7	5	19	28	38	37	32	27	16	9	9	6	15	
23	6	11	11	9	15	20	20	24	23	12	12	14	15	13	7	13	21	21	22	20	19	13	9	13	15	
24 Q	14	13	13	13	12	12	10	7	6	7	4	5	8	11	16	21	12	8	9	11	9	8	9	11	10	
25 Q	13	7	7	5	5	8	10	11	13	15	13	18	20	24	17	11	9	8	11	13	12	9	11	16	12	
26	17	24	39	30	25	16	9	14	11	6	13	31	47	31	14	21	26	31	25	19	26	39	27	22	23	
27	24	23	21	26	27	26	22	32	28	28	15	20	20	19	15	15	25	26	23	13	8	6	13	26	21	
28	14	15	11	22	23	24	20	15	22	17	16	20	23	19	19	20	27	30	22	13	11	14	13	10	18	
29	12	13	11	7	15	15	10	8	8	10	16	19	18	35	25	18	20	22	14	9	12	11	7	7	14	
30	7	10	10	11	6	10	10	11	9	14	16	13	12	34	43	30	26	17	7	7	11	19	13	13	15	
MEAN	23	26	26	26	26	25	26	23	23	24	24	24	22	23	24	26	24	28	26	23	23	21	18	22	24	24

ASY-D INDEX					OCT 2005										(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	21	24	25	21	19	10	29	14	12	11	13	19	23	23	24	18	22	19	18	8	17	23	22	19	
02	30	38	34	25	25	19	13	8	31	10	10	10	20	21	27	29	20	12	14	16	11	11	13	9	19	
03	14	17	16	13	24	17	10	14	8	6	6	17	14	9	10	12	14	16	14	21	24	20	13	9	14	
04	16	19	14	11	14	16	14	8	11	14	10	6	11	12	10	10	14	15	11	5	5	10	13	7	12	
05	19	30	29	19	8	8	9	11	8	14	13	6	6	12	10	7	13	20	21	13	9	13	14	11	14	
06	13	14	13	11	10	10	8	6	8	8	7	7	5	8	6	9	10	18	17	15	13	12	11	9	10	
07	10	8	10	14	14	12	12	12	12	13	15	10	9	13	11	7	14	22	29	37	40	46	72	50	21	
08	48	28	19	15	25	42	48	44	20	19	37	12	9	9	6	11	8	8	9	19	11	13	17	18	21	
09	20	16	17	14	8	9	12	9	6	6	9	12	8	8	5	5	9	9	14	10	11	15	13	9	11	
10	8	11	11	12	12	10	18	15	9	16	7	13	7	6	6	5	6	9	12	9	10	13	11	16	10	
11	22	18	12	6	9	6	3	6	7	6	8	5	4	8	8	4	11	8	7	9	8	8	7	6	8	
12 Q	7	5	5	9	9	7	4	4	4	6	9	10	6	6	5	6	8	10	9	8	12	13	9	6	7	
13	4	6	7	7	7	7	8	6	7	4	3	6	7	8	7	6	8	9	9	9	10	9	7	7	7	
14 Q	8	7	12	13	12	7	6	7	5	3	4	4	3	2	3	3	4	7	10	10	13	10	6	3	7	
15 Q	4	6	7	8	12	9	6	5	6	6	4	6	7	6	5	5	3	7	7	9	19	15	13	13	8	
16	9	8	10	12	8	8	9	7	7	5	6	13	21	29	33	38	31	29	27	20	15	7	9	23	16	
17	13	11	17	27	36	19	22	15	11	7	8	12	23	38	44	31	20	21	20	21	22	16	10	10	20	
18	8	4	8	17	19	15	12	10	6	5	6	6	20	8	4	7	16	14	13	10	6	6	5	5	10	
19	5	8	10	16	18	22	20	16	11	8	3	5	10	15	24	27	14	10	13	11	11	10	11	12	13	
20 Q	9	5	3	4	5	5	7	6	6	4	8	2	2	2	2	4	8	11	11	15	16	15	9	6	7	
21	4	10	13	12	13	12	7	4	5	7	8	6	5	5	9	10	8	9	11	14	11	8	6	16	9	
22	12	11	15	16	19	6	10	12	12	7	6	5	4	5	4	5	12	16	12	11	12	11	11	8	10	
23 Q	6	4	6	9	7	5	10	11	9	5	5	6	4	4	6	8	10	7	4	7	6	4	6	7	6	
24	4	9	16	14	9	11	17	17	12	6	5	6	8	9	13	16	15	11	9	7	7	5	5	9	10	
25	12	17	38	40	17	12	27	34	16	37	17	28	19	21	24	27	14	27	27	33	33	19	18	25	25	
26	14	17	23	28	21	12	9	16	26	18	9	9	8	7	12	12	12	15	13	10	5	4	9	15	13	
27	21	22	17	21	17	7	12	13	11	5	6	7	7	10	21	24	28	13	8	14	13	10	9	18	14	
28	13	10	20	30	26	13	14	20	19	11	4	9	21	14	11	9	7	5	10	11	8	13	17	13	14	
29	8	14	29	39	33	19	13	19	20	14	7	7	7	9	8	9	11	7	8	16	16	10	4	5	14	
30	4	8	17	23	23	16	15	14	10	9	7	6	6	7	7	7	9	10	9	10	11	11	13	10	11	
31	6	10	20	27	24	17	18	20	24	20	12	11	28	35	47	45	49	48	51	50	35	44	14	23	28	
MEAN	12	13	16	17	17	13	13	14	12	10	9	9	11	12	13	14	14	14	14	14	15	14	14	13	13	13

ASY-H INDEX					OCT 2005										(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	16	17	17	24	18	14	27	28	27	34	38	34	17	8	15	18	24	21	22	18	22	35	25	22	
02	19	27	40	28	21	24	23	19	27	21	20	21	26	18	19	23	21	15	12	13	13	15	25	29	22	
03	18	15	17	13	25	14	15	10	10	8	8	17	11	6	9	16	19	17	11	6	6	14	12	11	13	
04	9	13	22	22	19	11	8	7	6	7	9	14	22	16	17	12	7	4	12	15	14	9	13	18	13	
05	16	13	12	11	10	8	12	17	10	8	7	8	7	13	12	16	14	8	12	16	19	18	15	11	12	
06	7	7	11	18	17	14	11	11	14	15	12	10	9	14	20	29	30	32	25	7	7	8	11	10	15	
07	9	8	13	12	14	21	21	12	13	29	20	10	13	17	29	26	29	30	30	32	34	37	57	57	24	
08	48	49	40	29	27	32	44	48	31	43	40	14	14	12	10	18	16	16	19	41	15	24	30	15	28	
09	19	23	18	16	16	14	10	8	7	7	9	10	10	5	10	10	9	10	11	18	10	11	27	25	13	
10	23	25	19	16	12	10	30	19	10	21	10	19	11	7	10	15	16	10	7	9	8	13	18	30	15	
11	29	17	13	9	11	10	7	5	5	6	6	6	5	6	11	8	11	9	5	11	9	14	16	14	10	
12 Q	11	12	13	12	8	4	4	6	6	5	5	6	5	6	6	6	8	9	10	10	10	11	9	5	8	
13	8	10	8	5	5	6	10	9	11	14	15	19	18	10	8	7	10	12	15	15	15	16	16	14	12	
14 Q	8	8	10	16	13	10	10	10	8	6	9	9	5	4	4	3	9	14	17	18	17	14	9	6	10	
15 Q	6	4	5	7	11	14	15	8	3	4	5	5	5	6	5	11	16	13	9	5	5	11	18	18	9	
16	17	16	12	13	11	10	16	28	23	19	23	31	49	56	56	57	53	39	37	23	15	10	22	45	28	
17	39	35	40	30	47	30	29	33	27	20	14	22	30	39	44	41	40	29	19	15	10	8	13	18	28	
18	22	20	20	20	18	16	11	11	10	9	13	23	23	14	8	16	21	12	13	7	11	17	15	9	15	
19	9	16	21	22	21	18	18	18	21	26	21	25	36	33	27	27	26	20	12	11	16	16	13	15	20	
20 Q	16	15	11	12	9	14	19	16	9	8	10	14	12	7	5	8	14	13	17	19	12	8	8	10	12	
21	6	9	9	11	12	10	10	12	13	8	5	4	4	5	6	14	20	23	22	18	14	12	11	17	12	
22	43	44	34	22	21	21	17	10	8	9	10	9	6	5	12	20	18	17	13	14	14	12	12	12	17	
23 Q	12	10	11	10	11	13	15	16	8	5	5	5	5	7	6	8	8	14	17	15	9	5	6	11	10	
24	14	21	23	24	26	25	22	17	10	6	6	5	11	16	34	42	32	24	22	17	11	10	9	17	18	
25	30	42	52	84	75	52	39	59	54	81	67	63	49	44	47	43	24	30	35	32	21	19	22	18	45	
26	25	30	31	23	29	36	36	21	29	24	16	14	13	20	22	21	16	21	22	11	7	8	10	12	21	
27	24	27	22	22	20	13	8	4	8	15	13	10	8	10	22	24	28	20	12	13	12	8	8	16	15	
28	21	25	25	19	15	16	13	12	28	46	35	19	18	17	22	21	16	10	11	15	8	8	11	15	19	
29	24	28	25	18	15	19	14	6	7	8	5	5	6	8	9	8	10	11	15	21	14	11	9	9	13	
30	14	23	32	31	26	20	19	16	15	13	12	11	7	8	7	9	10	10	8	21	22	25	15	16	16	
31	23	24	25	23	24	25	25	16	11	15	19	30	45	60	74	72	58	59	69	58	33	26	21	23	36	
MEAN	19	20	21	20	20	18	18	16	15	17	16	16	17	16	19	21	20	19	18	18	14	14	17	18	18	

ASY-D INDEX					NOV 2005										(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	20	18	19	11	9	11	11	7	10	16	18	16	17	21	9	6	17	29	21	22	20	15	10	16	15	
02	11	13	12	10	7	9	12	11	9	13	15	14	11	11	10	7	8	15	15	15	19	25	29	20	13	
03	10	16	10	15	25	26	15	7	9	11	10	31	18	11	16	14	21	28	39	19	18	29	24	14	18	
04	19	22	13	10	13	29	10	15	11	12	16	15	19	14	17	12	11	18	26	17	17	12	10	13	15	
05	15	14	8	11	7	9	25	20	9	9	10	10	9	10	12	17	7	11	11	9	5	7	9	14	11	
06	17	27	28	11	10	7	8	6	9	13	10	10	11	10	12	12	20	16	13	14	16	13	8	12	13	
07	11	17	11	9	7	7	8	10	11	7	7	4	5	6	6	3	4	6	8	9	7	5	8	7	8	
08 Q	7	8	8	6	5	4	4	5	4	6	5	4	4	4	6	7	8	6	10	7	5	5	8	5	6	
09	9	12	14	14	15	18	11	11	12	10	10	9	6	7	7	6	4	2	3	4	6	5	4	7	9	
10 Q	6	7	9	8	11	9	8	8	7	4	8	6	6	6	6	4	5	6	6	9	8	9	14	11	7	
11	8	5	6	7	3	6	7	6	6	10	4	8	6	8	12	17	13	16	16	5	6	13	8	6	8	
12	14	11	7	7	11	5	8	10	9	12	13	19	25	28	10	7	17	25	23	15	21	18	9	9	14	
13	13	9	14	34	19	10	8	11	10	8	17	27	33	29	42	44	40	25	16	13	10	20	11	10	20	
14	15	15	19	16	11	7	8	8	6	8	11	6	5	13	18	14	13	14	18	17	20	21	15	10	13	
15	8	4	6	6	7	5	5	6	9	18	14	14	14	8	5	6	7	8	8	10	8	5	5	7	8	
16 Q	8	4	5	5	5	7	4	5	3	5	3	2	3	6	7	8	7	7	6	3	6	5	3	5	5	
17 Q	6	9	8	5	6	8	7	9	8	5	5	4	4	4	4	4	6	8	11	10	7	4	9	11	7	
18	7	5	10	14	9	7	7	8	10	9	10	8	10	6	9	12	12	7	17	17	18	13	11	13	10	
19	14	12	11	11	8	7	6	5	4	4	5	5	5	7	8	11	34	49	24	19	23	42	23	18	15	
20	19	17	18	13	12	7	14	18	17	12	11	12	7	6	8	8	9	21	26	19	15	13	15	11	14	
21	12	8	5	7	11	5	4	5	4	3	3	4	7	9	13	14	14	7	11	13	9	4	6	9	8	
22	8	10	11	8	7	6	7	6	13	8	7	8	16	14	16	16	19	11	25	19	13	12	10	14	12	
23	14	7	8	6	9	9	15	15	20	21	12	7	12	19	24	15	10	23	16	21	17	10	21	25	15	
24	24	15	13	11	13	11	9	13	17	17	19	28	16	24	31	36	35	29	19	27	23	16	14	23	20	
25	18	26	16	9	10	12	11	10	17	10	10	9	12	10	10	26	13	11	13	13	14	13	12	18	13	
26	17	12	4	4	9	13	14	12	9	8	8	12	7	9	11	13	17	13	12	17	15	10	7	5	11	
27 Q	5	5	6	7	11	7	10	13	13	11	5	5	6	6	6	6	6	5	7	5	5	11	10	8	7	
28	6	7	9	10	8	11	13	16	12	14	20	24	31	22	18	10	12	8	7	10	11	8	12	15	13	
29	20	11	9	7	7	8	9	11	11	7	8	9	7	10	12	14	14	15	15	11	9	14	20	21	12	
30	15	11	11	11	9	12	13	13	18	13	38	16	11	21	20	19	17	12	9	6	4	9	13	14	14	
MEAN	13	12	11	10	10	10	10	10	10	10	11	12	11	12	13	13	14	15	15	13	13	13	12	12	12	12

ASY-H INDEX					NOV 2005										(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	28	25	22	17	15	14	16	15	11	16	26	20	28	20	19	23	37	23	21	16	13	9	12	20	
02	7	9	11	9	7	12	14	15	18	22	17	10	9	15	13	8	12	14	14	14	20	28	18	20	14	
03	18	26	23	22	34	45	24	26	21	16	11	36	29	26	13	16	29	36	36	28	9	16	31	18	25	
04	11	30	17	13	16	47	19	23	21	12	16	15	24	14	15	12	19	14	61	19	7	6	8	12	19	
05	12	11	11	13	8	12	40	21	10	8	12	13	8	10	17	19	8	5	3	8	8	6	7	19	12	
06	20	36	44	27	18	11	7	12	14	16	14	8	6	5	9	18	23	29	17	10	9	18	19	13	17	
07	14	19	13	8	7	6	6	11	14	10	10	6	6	10	12	9	11	15	12	11	6	7	10	9	10	
08 Q	8	6	8	9	8	9	6	5	9	13	12	9	6	7	6	5	6	6	8	5	4	6	6	5	7	
09	9	11	13	10	10	8	11	14	13	12	7	5	7	10	16	21	25	28	25	17	9	8	10	11	13	
10 Q	9	12	12	8	6	6	5	9	12	8	5	5	6	5	4	4	5	7	7	11	10	7	6	5	7	
11	7	8	9	8	9	8	7	8	7	7	13	11	12	10	17	33	30	21	16	16	17	14	11	10	13	
12	20	13	7	12	13	12	14	22	31	40	44	44	51	35	20	22	23	26	20	15	11	20	10	5	22	
13	8	14	17	31	30	23	17	20	32	21	30	38	51	44	62	65	59	45	29	18	8	33	27	11	31	
14	12	19	28	37	30	29	27	22	17	22	12	19	23	20	22	30	28	20	16	17	14	15	14	14	21	
15	11	12	11	11	15	14	17	14	16	17	12	16	18	19	17	15	13	8	5	7	4	7	9	7	12	
16 Q	8	9	6	6	15	9	7	6	7	11	13	11	7	5	6	8	8	9	10	6	4	5	5	9	8	
17 Q	7	8	9	10	10	10	7	19	11	8	6	5	8	6	8	6	2	6	7	6	4	3	6	7	7	
18	6	7	6	7	11	19	26	32	35	31	28	17	13	16	20	26	25	20	21	20	15	9	8	11	18	
19	6	9	8	8	6	6	8	10	11	10	8	9	5	10	14	16	34	54	27	23	36	35	16	10	16	
20	12	14	12	7	9	10	21	20	18	18	16	17	17	21	26	25	25	25	28	25	15	12	9	12	17	
21	10	11	6	10	14	7	5	5	5	4	6	6	14	19	21	24	23	22	20	19	11	7	7	10	12	
22	13	16	11	10	14	17	19	20	25	23	25	32	57	59	58	51	44	24	23	21	16	16	13	17	26	
23	18	16	12	14	17	20	22	20	33	32	36	33	36	48	41	25	18	19	13	16	15	17	22	20	23	
24	28	22	18	17	16	15	20	11	13	19	20	30	38	58	61	60	48	43	22	36	32	25	20	35	29	
25	22	27	25	33	26	20	12	16	37	19	20	23	18	19	27	27	24	17	11	8	10	18	9	7	20	
26	6	10	6	11	14	18	17	16	12	20	19	13	31	30	32	30	20	15	12	12	7	6	5	5	15	
27 Q	6	6	6	5	9	14	11	9	8	9	6	4	3	2	3	4	5	6	13	12	8	8	10	7	7	
28	7	5	7	8	11	11	9	10	9	9	18	28	33	33	47	30	26	16	8	10	11	9	14	18	16	
29	13	7	8	6	11	9	5	9	9	7	5	5	9	12	18	19	16	16	12	10	9	18	23	48	13	
30	10	12	13	12	14	19	20	17	14	11	38	34	23	18	16	25	20	16	9	15	15	13	13	18	17	
MEAN	12	14	13	13	14	15	15	15	17	16	16	18	20	20	22	22	22	21	18	15	12	13	13	14	16	

ASY-D INDEX					DEC 2005										(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	14	13	11	9	12	14	11	9	12	10	15	14	11	12	6	5	11	11	10	12	15	12	14	29	12	
02	19	12	10	14	14	17	22	17	12	11	9	6	12	10	8	8	8	7	6	8	12	12	11	9	11	
03	13	24	21	15	14	12	11	8	9	7	10	10	13	14	13	16	7	14	12	12	18	18	18	14	13	
04	6	7	9	13	15	13	9	10	16	16	10	10	12	9	9	6	5	7	5	15	13	11	9	7	10	
05	8	8	8	7	8	7	7	12	10	9	5	4	6	7	5	4	4	9	11	17	16	10	7	5	8	
06 Q	2	2	2	5	4	3	5	8	10	11	7	6	7	5	3	4	7	8	6	6	5	6	7	8	6	
07 Q	7	3	5	3	3	5	7	6	4	5	4	4	2	3	5	6	8	5	10	15	12	10	5	7	6	
08 Q	8	7	6	5	8	8	8	8	5	5	7	8	5	3	4	5	3	3	11	13	10	7	5	4	7	
09	5	8	11	8	5	5	11	10	9	7	7	12	12	9	6	8	6	5	8	7	7	10	18	11	9	
10	9	9	16	29	23	9	14	12	11	12	11	11	16	11	8	12	16	14	23	24	24	10	20	23	15	
11	9	13	10	13	14	11	13	13	13	22	49	14	5	6	11	47	63	61	45	26	20	31	23	16	23	
12	13	10	9	13	9	6	5	4	5	4	3	5	8	4	15	14	23	10	8	11	16	7	9	9	9	
13	8	7	8	9	11	10	8	7	9	11	10	7	9	24	8	7	8	12	18	13	8	8	12	10	10	
14	5	3	9	8	5	9	13	17	19	14	6	4	4	5	6	8	10	12	9	14	14	11	9	7	9	
15 Q	8	5	4	7	12	9	8	9	9	8	4	4	7	7	5	15	20	19	17	19	21	15	8	10	10	
16	13	9	7	12	13	14	15	14	9	13	14	9	7	12	10	9	12	12	11	8	4	4	6	10	10	
17	11	10	12	11	14	18	14	14	13	8	9	19	13	5	7	8	6	7	15	17	12	8	5	11	11	
18	6	9	12	11	19	26	27	20	16	10	10	9	9	9	13	7	5	7	8	10	10	11	10	10	12	
19	9	8	7	8	7	9	12	12	13	11	9	13	13	14	11	9	6	12	17	13	14	12	7	15	11	
20	16	15	28	28	19	13	11	10	17	12	12	16	35	22	10	9	10	22	15	13	19	11	8	5	16	
21	6	7	7	6	4	8	12	12	9	14	17	11	28	23	14	29	22	16	14	15	10	12	12	12	13	
22	15	8	7	9	10	11	11	13	11	14	9	5	4	5	7	8	5	7	6	5	4	3	3	3	8	
23 Q	3	5	4	6	6	7	5	7	7	4	2	2	3	4	7	3	11	15	9	9	7	2	3	3	6	
24	2	4	4	5	6	6	6	9	7	5	3	7	9	15	7	4	6	8	7	7	8	6	5	6	6	
25	5	4	3	10	12	11	10	10	20	20	15	15	20	19	14	14	9	8	11	14	13	8	6	5	11	
26	5	3	4	6	4	6	6	7	7	7	5	4	5	7	16	12	11	12	17	17	9	6	10	16	8	
27	21	9	9	10	13	14	9	5	6	5	4	5	7	6	10	13	26	46	45	17	17	36	33	20	16	
28	15	9	23	14	13	16	17	10	8	19	13	7	10	15	9	12	11	13	22	18	24	12	16	30	15	
29	14	8	14	18	15	17	21	15	12	10	8	5	9	9	10	10	7	8	7	9	6	7	7	7	11	
30	7	10	9	8	11	13	16	9	4	7	13	11	7	11	12	11	10	7	4	6	7	5	12	14	9	
31	15	12	10	10	12	13	15	13	9	8	8	11	9	10	12	14	26	31	22	17	16	17	22	11	14	
MEAN	10	8	10	11	11	11	12	11	10	10	10	9	10	10	9	11	12	14	14	13	13	11	11	11	11	

ASY-H INDEX					DEC 2005										(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	22	10	15	15	10	12	14	9	5	14	29	17	16	24	31	27	21	18	25	30	26	31	58	21	
02	27	20	16	16	20	23	19	12	12	12	10	11	18	12	14	7	10	17	21	18	23	27	25	27	17	
03	25	31	24	14	10	10	13	17	17	18	21	23	20	21	15	18	13	20	17	20	30	29	24	15	19	
04	13	10	11	11	13	16	27	26	14	11	11	5	8	12	18	24	15	10	10	21	14	10	12	14	14	
05	14	11	9	7	7	10	17	20	14	9	8	8	11	12	16	16	9	13	23	26	23	22	25	23	15	
06 Q	19	19	14	10	9	10	14	14	12	10	8	9	13	8	9	4	4	6	8	14	13	11	9	7	11	
07 Q	4	2	5	8	8	8	9	7	9	8	7	7	7	11	15	14	12	13	15	9	7	10	8	5	9	
08 Q	6	5	5	7	10	11	12	14	10	7	8	9	11	9	11	12	11	10	8	8	11	12	15	11	10	
09	9	7	9	7	10	13	14	11	12	12	9	9	6	8	13	15	11	18	18	20	26	28	41	32	15	
10	23	26	37	32	44	35	37	21	17	13	12	17	27	33	31	30	23	22	28	53	42	31	33	32	29	
11	20	21	27	35	35	35	35	35	43	56	69	36	16	16	22	42	67	62	55	38	23	20	20	16	35	
12	22	22	26	34	23	17	16	18	21	21	20	18	17	13	19	26	23	15	21	23	11	13	10	10	20	
13	14	15	15	13	10	15	25	24	23	15	9	8	12	19	15	18	19	15	6	9	18	10	6	6	14	
14	4	6	6	7	9	11	16	19	11	6	8	8	9	12	16	23	22	16	11	14	13	10	9	8	11	
15 Q	9	9	9	10	11	12	15	11	10	11	9	7	11	18	26	32	27	21	18	13	8	6	9	12	14	
16	8	10	15	17	21	23	19	21	14	13	22	15	14	16	26	22	14	11	14	15	16	9	7	15	16	
17	17	16	14	15	19	19	15	13	12	13	16	19	28	15	11	11	5	6	4	5	5	3	7	14	12	
18	20	20	21	17	16	18	21	15	12	9	8	5	5	6	11	13	16	17	17	19	18	15	14	16	15	
19	15	16	15	14	12	15	21	26	27	20	11	10	20	17	9	15	23	21	17	36	33	22	25	39	20	
20	33	29	45	53	29	23	28	24	30	23	19	17	26	29	15	11	10	21	16	30	56	24	11	11	25	
21	8	10	9	9	12	17	12	15	15	17	17	17	32	33	26	30	29	23	15	14	18	17	11	17	18	
22	31	24	25	17	13	10	8	8	14	19	16	9	9	13	16	14	14	9	5	6	7	7	5	5	13	
23 Q	6	6	7	5	4	7	7	5	6	5	6	5	4	8	7	8	9	8	15	17	12	6	4	4	7	
24	5	5	8	8	9	12	9	7	6	4	7	15	25	24	18	19	19	18	14	10	8	5	7	6	11	
25	4	5	7	7	13	11	14	16	15	19	25	22	24	38	34	36	30	19	18	12	3	8	10	11	17	
26	11	8	10	11	9	9	14	11	9	5	4	5	7	13	23	28	24	19	22	32	10	6	14	42	14	
27	31	25	18	12	9	10	9	9	6	5	6	7	7	10	15	19	24	38	42	24	31	27	57	26	19	
28	31	27	36	18	13	14	19	10	7	19	14	18	24	13	11	16	19	15	25	27	18	17	29	40	20	
29	24	20	14	17	11	10	13	13	21	16	23	18	13	22	29	29	24	20	17	16	7	12	9	9	17	
30	9	8	15	24	22	17	10	7	11	14	10	8	12	15	13	6	5	10	15	7	5	12	21	20	12	
31	18	15	16	13	13	16	24	17	13	13	16	7	9	13	14	16	32	30	33	25	20	19	12	15	17	
MEAN	16	15	16	16	15	15	17	16	15	14	14	13	15	16	17	19	19	18	18	19	18	15	17	18	16	

