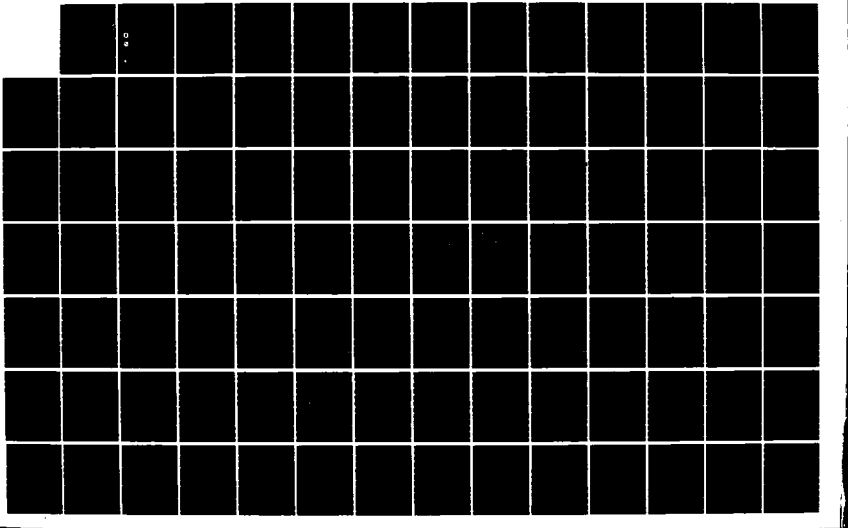
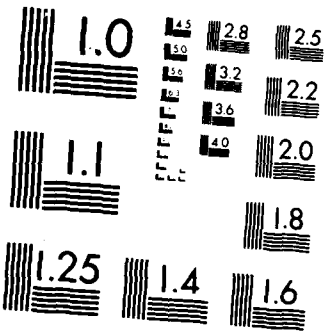
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AD-A173 765

AFGL-TR-85-0032
SPECIAL REPORTS, NO. 248

Daily Magnetograms for 1983 From the AFGL Network

DAVID J. KNECHT

21 March 1985

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AIR FORCE GEOPHYSICS LABORATORY
HANSCOM AFB, MA 01731

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"This technical report has been reviewed and is approved for publication"

FOR THE COMMANDER

WILLIAM J. BURKE, Chief
Space Plasmas and Fields Branch

RITA C. SAGALYN, Director
Space Physics Division

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A stacked plot of 24-hour magnetograms from the AFGL Magnetometer Network is presented for each UT day of the year 1983. Each plot, on a single page, contains all 21 traces from the fluxgate magnetometers of the network (three components at seven stations). The data plotted are 2½-min averages of the 1-min edited data set that has been provided to the World Data Center. To aid in comparisons between days, the magnetograms are plotted with a fixed amplitude scale that preserves a resolution of one or two nanoteslas. For the ten percent of all days that are more active, the plots have been repeated at a reduced amplitude. These magnetograms serve to assess the general character of magnetic activity, identify events for scientific study, and indicate the coverage and quality of the data available from the World Data Center.

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Preface

This volume of magnetograms from the AFGL Magnetometer Network is the last in a set of six yearly volumes covering the years 1978 through 1983. Descriptive material needed to explain the magnetograms is repeated so each volume can be used independently.

These volumes are dedicated to the memory of Robert W. Crowe, who as a high-school student, carried out much of the computer work that produced the edited data shown in these plots and who lost his life in October 1982 while the work was under way.

Many other persons have also contributed greatly to this effort. The project, which required reading more than 1200 input data tapes, writing more than 4500 edited-data tapes, and making and assembling more than 6500 separate plots for these volumes, was made possible by the dedicated efforts of a group of college and high-school students. Armand Paboojian supervised and personally undertook much of the production of the edited data base. Ric Laperriere, Stephen Morris, Catherine Whittaker, Glenn Ellis, and Ara Topjian also contributed many hours to this work. Fr. John F. Devane, S.J., directed the contractual effort of Boston College under which most of the students worked. Ric Laperriere carried out a large fraction of the production runs that produced the final plots. These generous contributions are gratefully acknowledged.

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Da. , Magnetograms for 1983 From the AFGL Network

1. INTRODUCTION

From mid-1976 through 1983, the AFGL Magnetometer Network made continuous measurements of the surface magnetic field at seven stations spanning the contiguous United States. An edited data base has been produced for the period 1978–1983; it consists of three-component measurements of the field at the seven network stations by fluxgate magnetometers sampled once per second. A subset of these data, consisting of 1-min average values in the standard IMS format, is available to the scientific community through the World Data Center.

This report, one of a series of yearly volumes, presents the 1-min subset of data for the year 1983 in the form of stacked daily magnetograms, one day per page. The anticipated uses of these plots include: (1) discovering the overall pattern of magnetic activity across the United States for any day, (2) identifying events for scientific study, and (3) indicating the coverage and quality of the data available from the World Data Center.

For the basic set of 365 daily plots, the question of amplitude scale was resolved in favor of a constant value for all plots to facilitate comparison when scanning over many pages. However, for about ten percent of all days this choice causes traces to be offscale or confused, so for these days the plot is repeated on a less sensitive scale in a subsequent section of supplemental plots.

(Received for publication 19 March 1985)

2. DESCRIPTION OF THE NETWORK

The AFGL Magnetometer Network consisted of seven remote instrumented stations at the locations shown in Figure 1 and listed in Table 1. The five northern stations form a line at approximately 55 degrees cgm latitude, while the two southern stations are both at about 40 degrees cgm latitude.

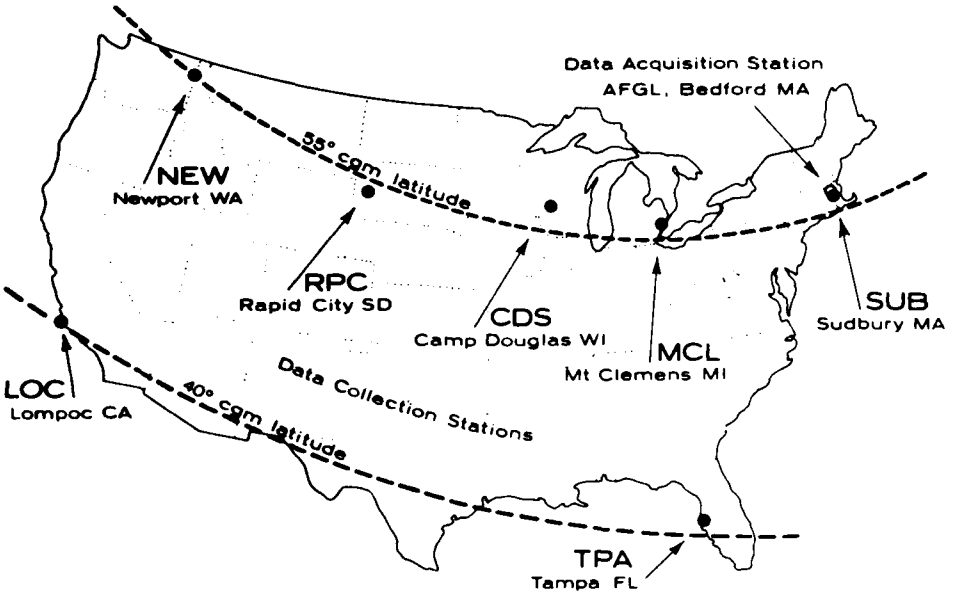


Figure 1. Map of the AFGL Magnetometer Network

The instrumentation at all sites was essentially identical. The instrument which made the measurements presented here is a three-component fluxgate magnetometer built by the University of California at Los Angeles. (Data from a second instrument, an induction-coil magnetometer, is not discussed.) The fluxgate magnetometer has a basic analog (fine-scale) range of -64 to +64 nanoteslas; it is kept onscale by applying to the sensor a precise (coarse-scale) nulling field of an integral multiple of 64 nT to cover the full range of approximately -65,000 to +65,000 nT. The fine-scale output is digitized by an 11-bit analog-to-digital converter, with the least significant bit representing 1/16 nT. The instrument was sampled once per second.

Data from all stations were returned to a data-acquisition station at AFGL via a single dedicated voice-grade circuit made up largely of ordinary phone lines and

having a branch to each of the stations. A polling signal sent from the data-acquisition station synchronized all stations to within several milliseconds accuracy by incorporating compensation for propagation delays. Data collected at each station during any 10-sec sampling interval were transmitted in a block at some point during the next interval. A forward-error-correcting scheme was used to eliminate transmission errors. Data were received, compressed, formatted, and archived on magnetic tape by a dedicated minicomputer. Subsequently, several series of edited-data tapes were produced from the archive tapes, using the same minicomputer, as described in the following section.

Table 1. Locations of the Data-Collection Stations

Station Symbol and Name (post office)		Corrected Geomagnetic Coordinates N Lat	E Long	Geographic Coordinates N Lat	E Long	Government Installation
NEW	Newport WA	55.2	299.6	48.3	117.1	USGS Newport Observatory
RPC	Rapid City SD	54.1	317.3	44.2	103.1	Ellsworth Air Force Base
CDS	Camp Douglas WI	56.3	334.2	44.0	90.3	Volk Field (Natl. Guard Base)
MCL	Mount Clemens MI	55.8	344.8	42.6	82.9	Selfridge Air Natl. Guard Base
SUB	Sudbury MA	55.8	1.9	42.2	71.3	Army Natick Laboratory Annex
LOC	Lompoc CA	40.2	300.6	34.7	120.6	Vandenberg Air Force Base
TPA	Tampa FL	40.7	344.9	27.8	82.5	MacDill Air Force Base

3. EDITING OF THE DATA

The content of the archive data tapes is the series of successive data transmissions, recorded with minimal processing at the time of reception. These raw tapes are somewhat inconvenient for general use, since they reflect network malfunctions of many kinds, include other scientific and housekeeping data, and use a complex format for economy. An edited version, containing only the fluxgate measurements, was desired, and an automated procedure for processing these tapes was developed.

The editing process was designed to correct for a number of errors likely (and often known) to occur in the data because of various equipment malfunctions. The basis for detecting and assessing the errors was a set of redundancy and consistency checks built into or inherent in the data. The faults corrected (in most cases by

discarding the faulty data) included: (1) magnetometer outputs differing from a nominal quiet-time value by more than 2048 nT, (2) transmissions not confirmed to have come from the correct station, and (3) incorrect time values associated with transmissions. At the same time, the data were organized by time interval, station, and component, with missing data filled with blanks.

It may be noted that the faults addressed in editing are almost exclusively those of the collection and transmission system; the only criterion placed on the magnetometer output was that it be reasonably close to an expected value. One reason for this is that rigorous criteria for assessing the correctness of the magnetometer data are so lacking that an automated procedure is not possible. But another reason is that, for many purposes, the usefulness of the data is only slightly (or not at all) diminished by the most common malfunctions. Therefore, most failures experienced with the magnetometers are still reflected in the edited data. Since the stations were unattended, a number of days often elapsed before a malfunction was corrected, and caution is necessary in using these data. Some specific guidance is provided in Section 6 below.

4. DESCRIPTION OF THE PLOTS

The basic set of plots is presented in Section 7. It includes, for each day in the year, daily magnetograms for all three components of the seven network stations, a total of 21 traces. These are grouped into three panels by component, in the order X, Y, Z from top to bottom of the page, where X is magnetic north, Y is magnetic east, and Z is vertically downward. This alignment was only approximate, and during the early years X and Y were often rotated slightly about Z to keep the Y component slightly positive. To facilitate comparisons between adjacent stations, the traces within each panel are further ordered by plotting the 55-degree stations first, west to east, followed by the two 40-degree stations, west to east.

For the basic set of plots a common fixed amplitude scale was selected for ease in comparing between days. The value 40 nT per major division was chosen because it kept about 90 percent of the plots onscale. A major division is the distance between the dotted baselines for adjacent traces. One minor division represents 10 nT, and a resolution of about one or two nT is preserved in the traces. For active days on which the traces go offscale or become confused by overlap, a supplementary set of plots, using a scale of 160 or 400 nT per major division is presented in Section 8. A small solid triangle following the date on the basic plot in Section 7 indicates that a supplementary plot has been provided.

Each trace is labeled at the left with a three-letter station code. Its absolute calibration is provided by the corresponding value (in nT) of the horizontal dotted baseline. This value, appearing just below the station code, is the 24-hour mean of

the data plotted, rounded to the nearest nanotesla. The station code and baseline value are omitted whenever all data points in a trace are blanks or, very rarely, when a badly malfunctioning trace has been eliminated to avoid obscuring good traces. The presence of the label usually (but not reliably) indicates that the trace is not completely blank.

The time scale covers the 24-hour UT day, with 1-hr and 10-min subdivisions The edited data base consists of one value per minute (good datum or blank) for each of the 21 traces, but since this sampling rate exceeds the resolution possible on the page, 2-min averages were plotted instead. This results in 720 points per day, and since the full-scale length of the time axis is roughly 144 mm, the point-to-point spacing is about 0.2 mm (0.008 in.).

The date is printed at the lower left corner of each plot, first in the form day-of-month, month, year. It is repeated, in parentheses, in the form year (followed by a period) and day-of-year. As noted above, a solid triangle after the final parenthesis indicates the presence of a supplementary plot in Section 8.

5. METHOD OF PRODUCING THE PLOTS

The plots were generated by the network minicomputer (Varian model V72, vintage 1972) with 7-track tape units to read input data. The automated plot program was written in FORTRAN and incorporated Varian Dataplot software. The output device was a Tektronix type 4014 terminal equipped with a type 4631 hardcopy unit. With this equipment the plot is first drawn by an electron beam on the screen of the CRT (a storage device) and then copied to the hardcopy unit by a second beam which scans the screen; a third beam in the hardcopy unit writes the plot onto a dry-silver heat-developed paper. The three panels for each day of data were produced separately and then trimmed and taped together by hand, using overlapping registration marks for alignment. Since the image on the dry-silver paper deteriorates rapidly, the assembled plots were then copied, with a reduction to 74 percent of original size, on an IBM series III model 20 photocopier. These copies were furnished for the printer to use without further reduction.

The linearity and accuracy afforded by this method is sufficient for most purposes but does not equal that achievable by producing all three panels at once on a good electrostatic plotter and photoreducing the plots in the printshop. Some care may therefore be necessary in attempting precise measurements from these plots.

6. CAUTIONS ABOUT USE OF THE PLOTS

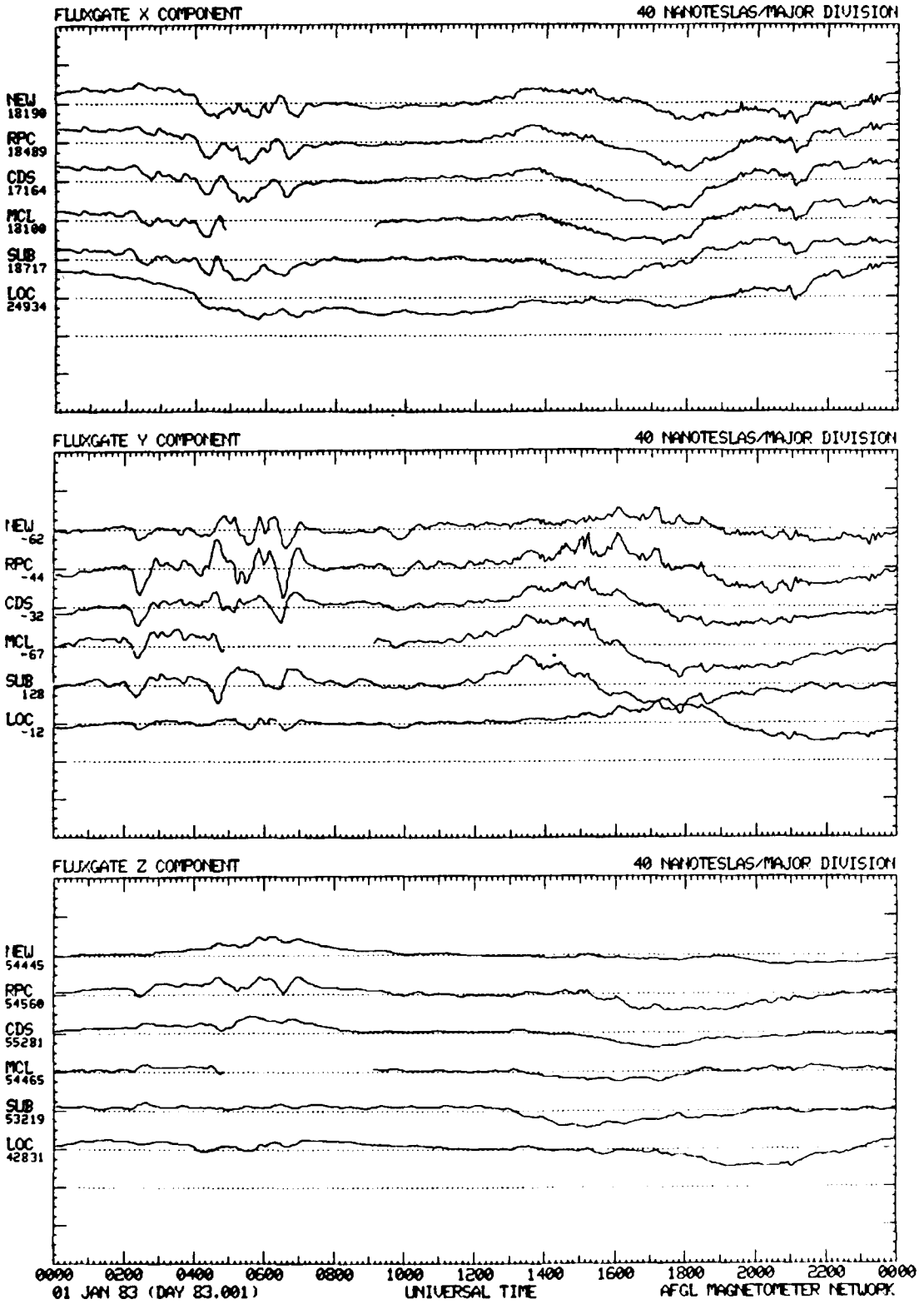
The following brief comment on some common faults in the data may be useful. Examples are given by a reference in parentheses to a plot which exhibits the particular fault described.

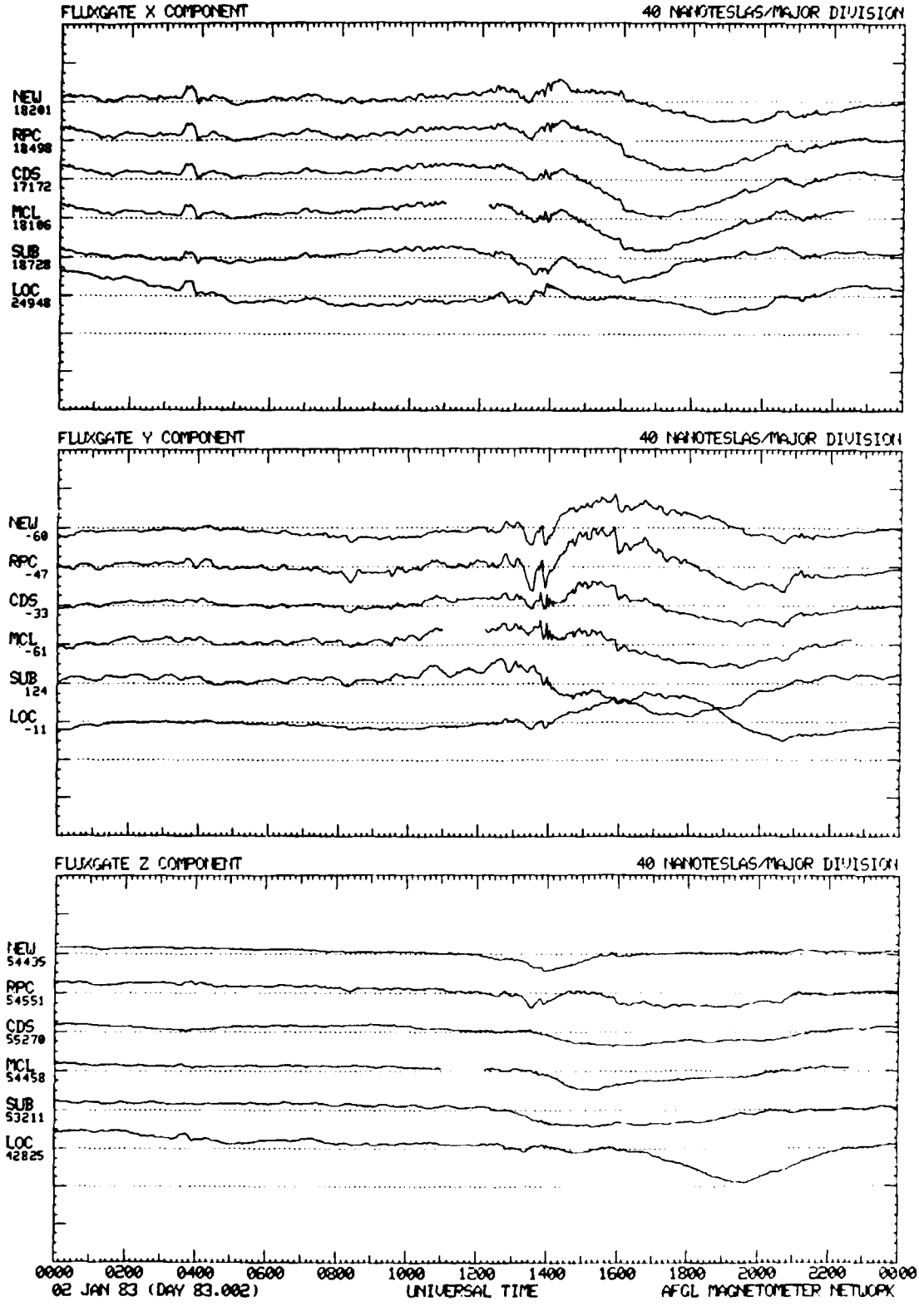
Two problems were caused by the plotting equipment: (1) some trace labels are occasionally shifted into the middle of a panel, to the right of their proper location (X traces, 19 May). This problem was ignored because it was not easy to cure and caused no serious harm. (2) The least significant digit of the baseline value for a trace is occasionally omitted (RPC-Z trace, 04 January). Since baseline values are all right-justified, the absence of the final digit can be seen, but the value will be uncertain by 5 nT. Again, the harm caused was not enough to justify the cost of solving it.

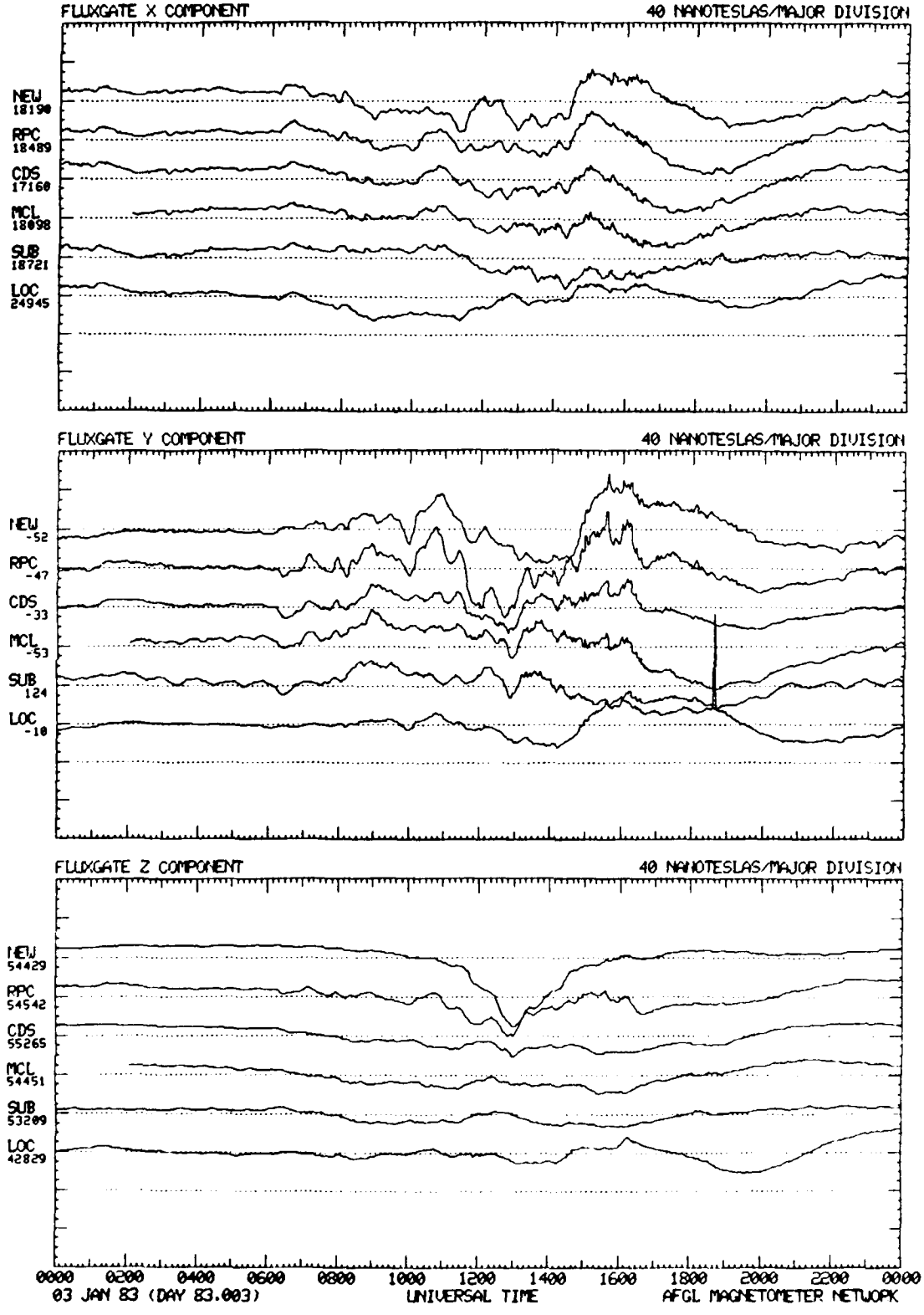
As noted earlier, data from malfunctioning magnetometers were not excluded unless they differed greatly from expected values. Usually, the integrity of the data can be adequately assessed by comparing any trace with those of adjacent stations and by observing its behavior over an extended interval. Five common malfunctions are these: (1) an instrument which does not change range properly may exhibit sudden positive or negative jumps of 64 nT, the amount of one coarse-scale step (CDS-Y trace, 11 February). (2) Some failures, such as a data-system bit that fails to turn on or off, cause smaller jumps (note the jumps of about 8 nT in the NEW-Z trace, 04-05 January and 27 March). (3) Some failures cause a trace to exhibit noise, which may be large (no examples in 1983) or small (NEW-X trace, 04-06 December). (4) Failure of the fine-scale output causes a trace to show no activity except an occasional range-change jump of 64 nT (MCL traces, 19 August through end of the year). (5) Failure of the temperature-compensating circuitry makes the output very dependent on electronics temperature; the trace will then reflect the regular cycles of the thermostatically controlled trailer temperature (TPA-Z trace, 04 June and continuing). (6) Other severe malfunctions can cause wild drifting (MCL-Y and MCL-Z traces, 09 February), large noise spikes (LOC-Y trace, 03 January), or bursts (LOC traces, 15 January and 12 June). All these faults can normally be detected in the context of the stacked plots.

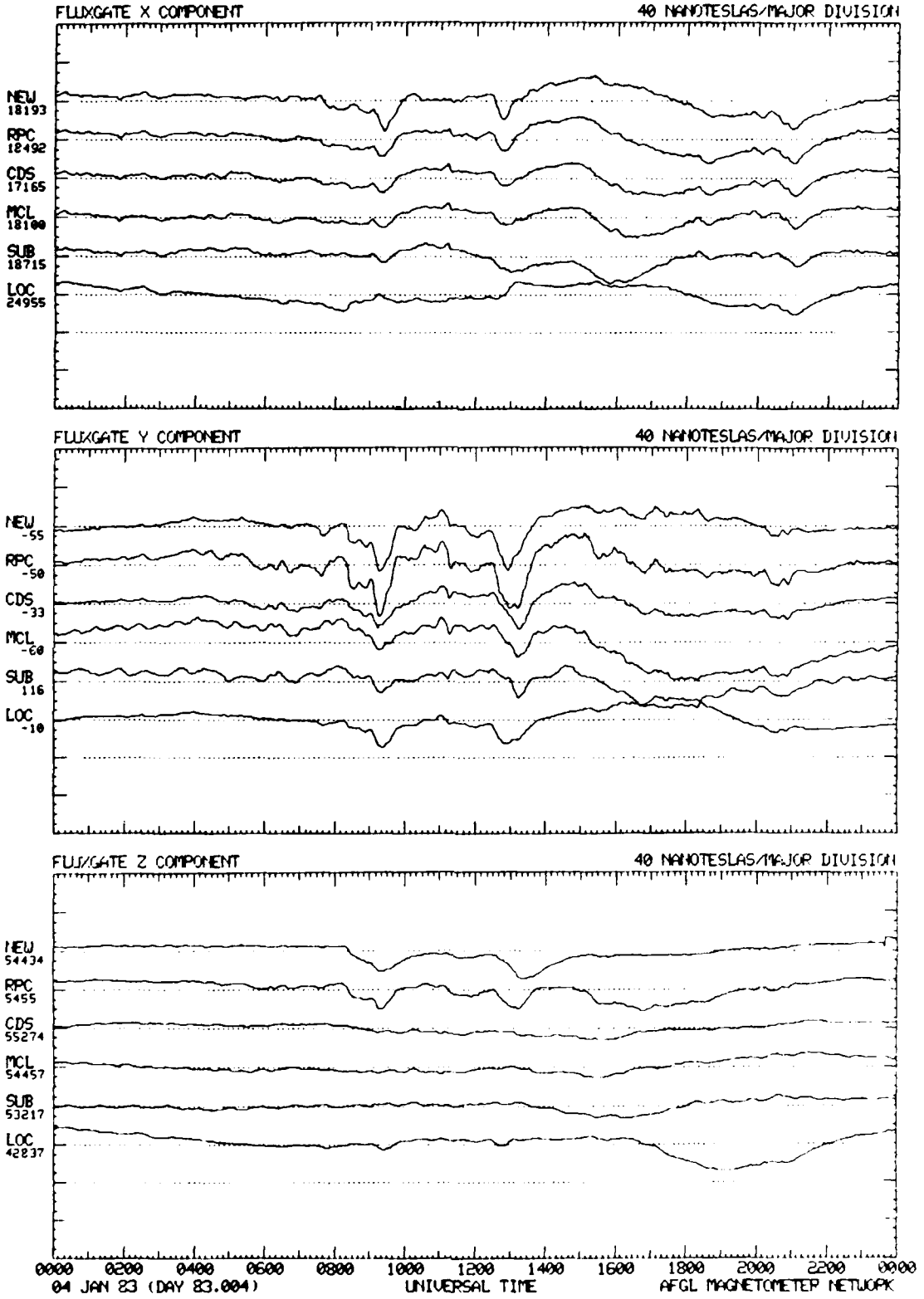
7. BASIC PLOTS AT STANDARD AMPLITUDE

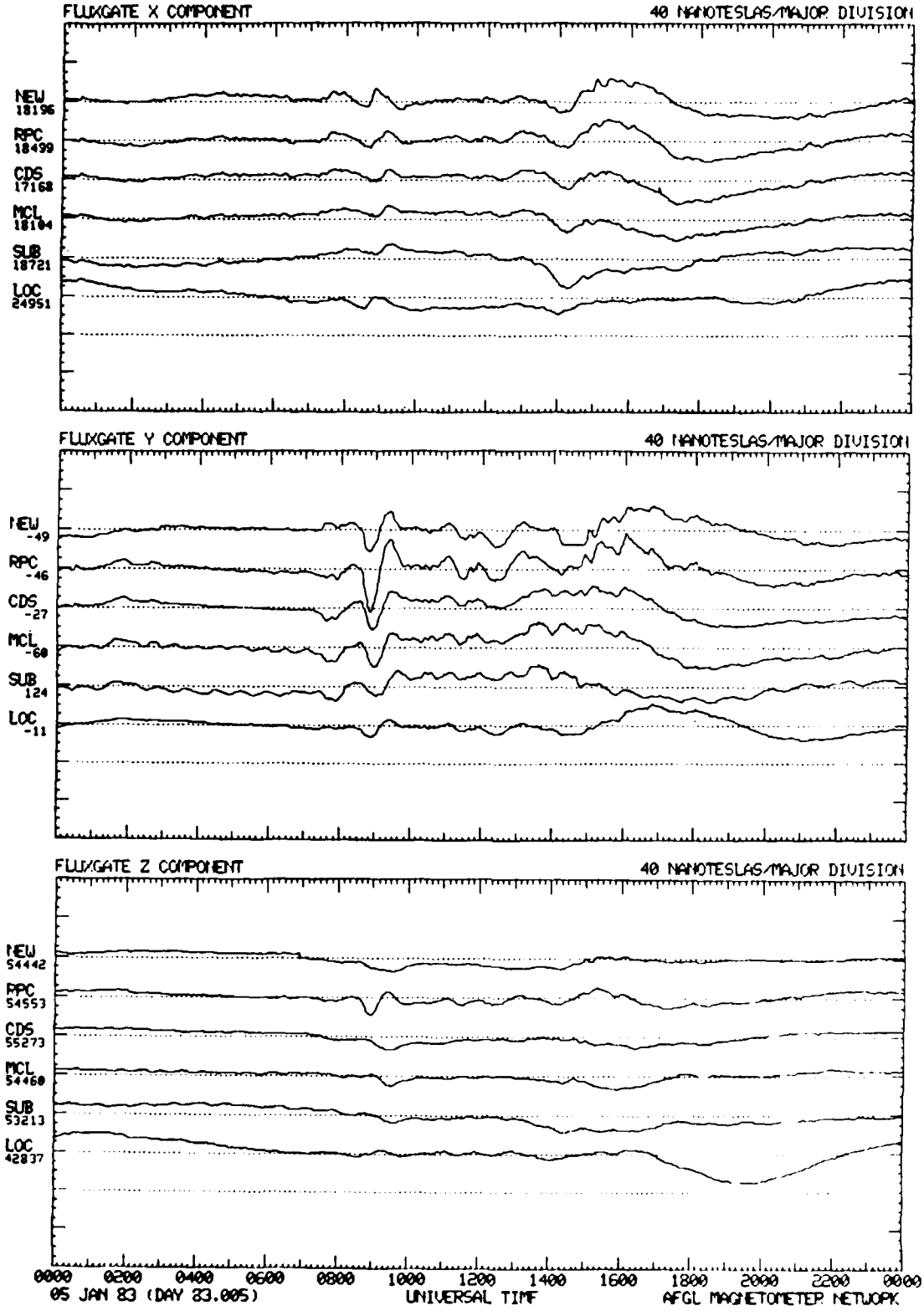
This section presents one stacked-magnetogram plot for each day of 1983, using the standard amplitude scale of 40 nT per major division.

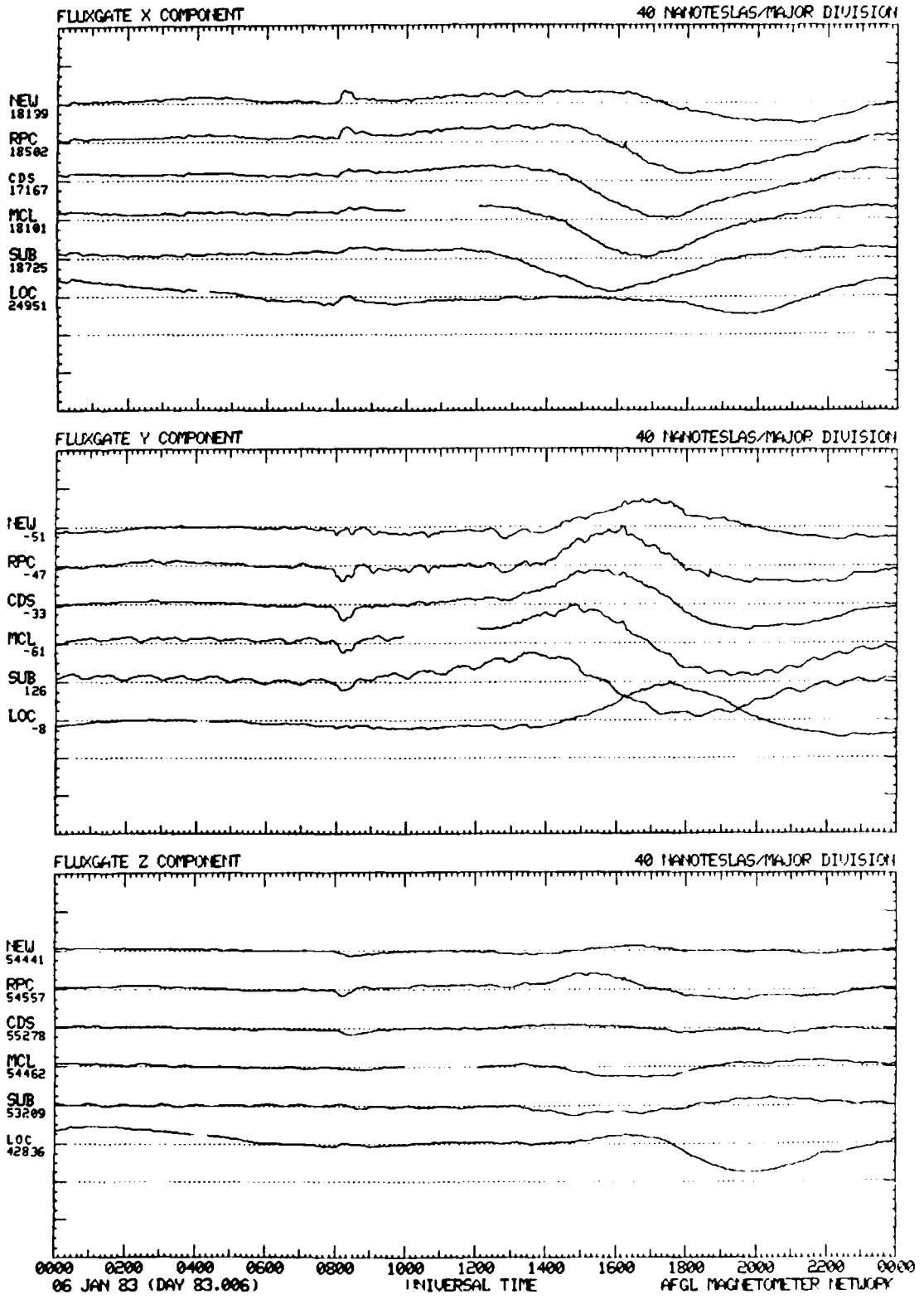

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MCL
18100
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24934
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
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-62
RPC
-44
CDS
-32
MCL
-67
SUB
128
LOC
-12
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54445
RPC
54560
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MCL
54465
SUB
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UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

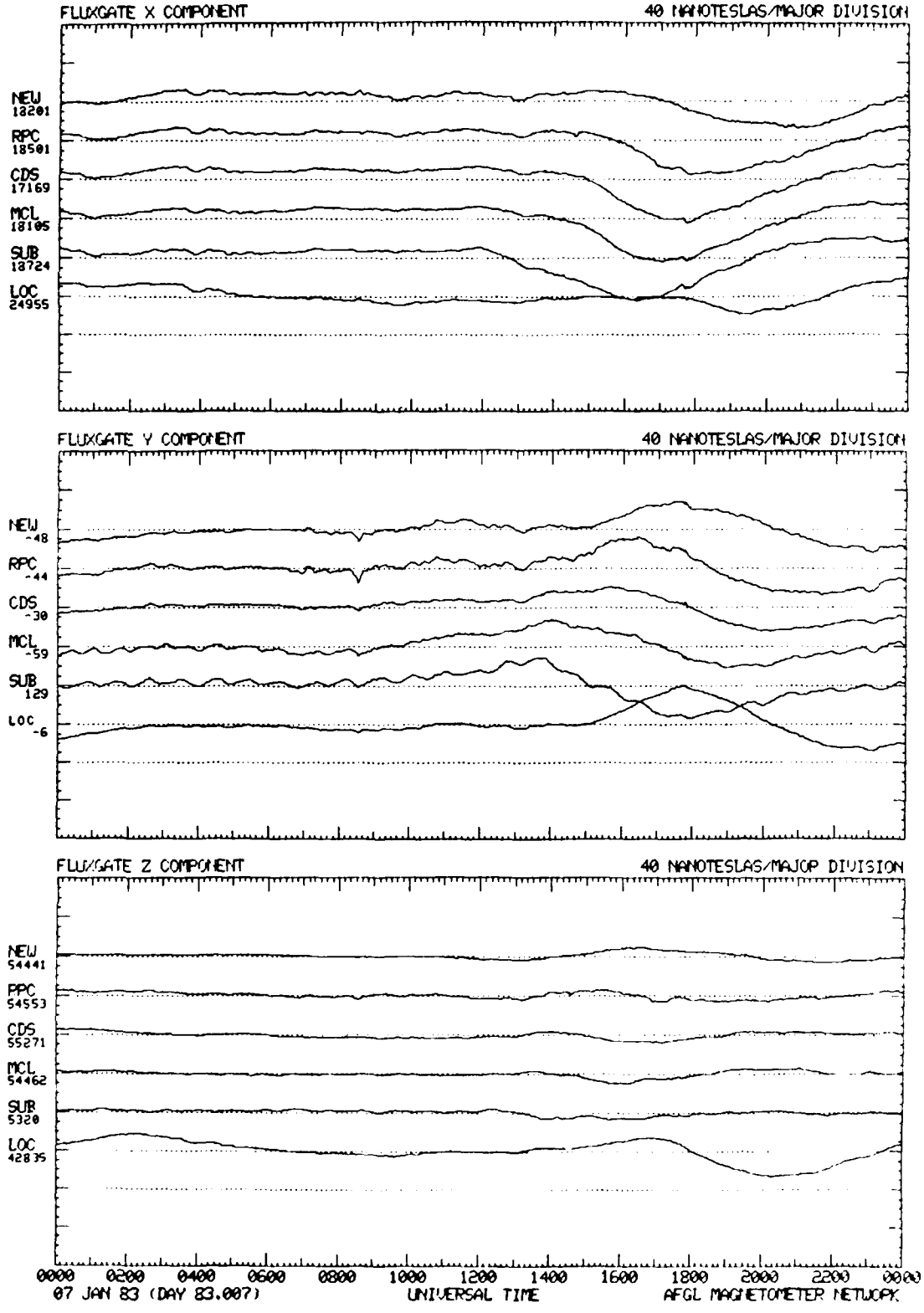

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RPC
-47
CDS
-33
MCL
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SUB
124
LOC
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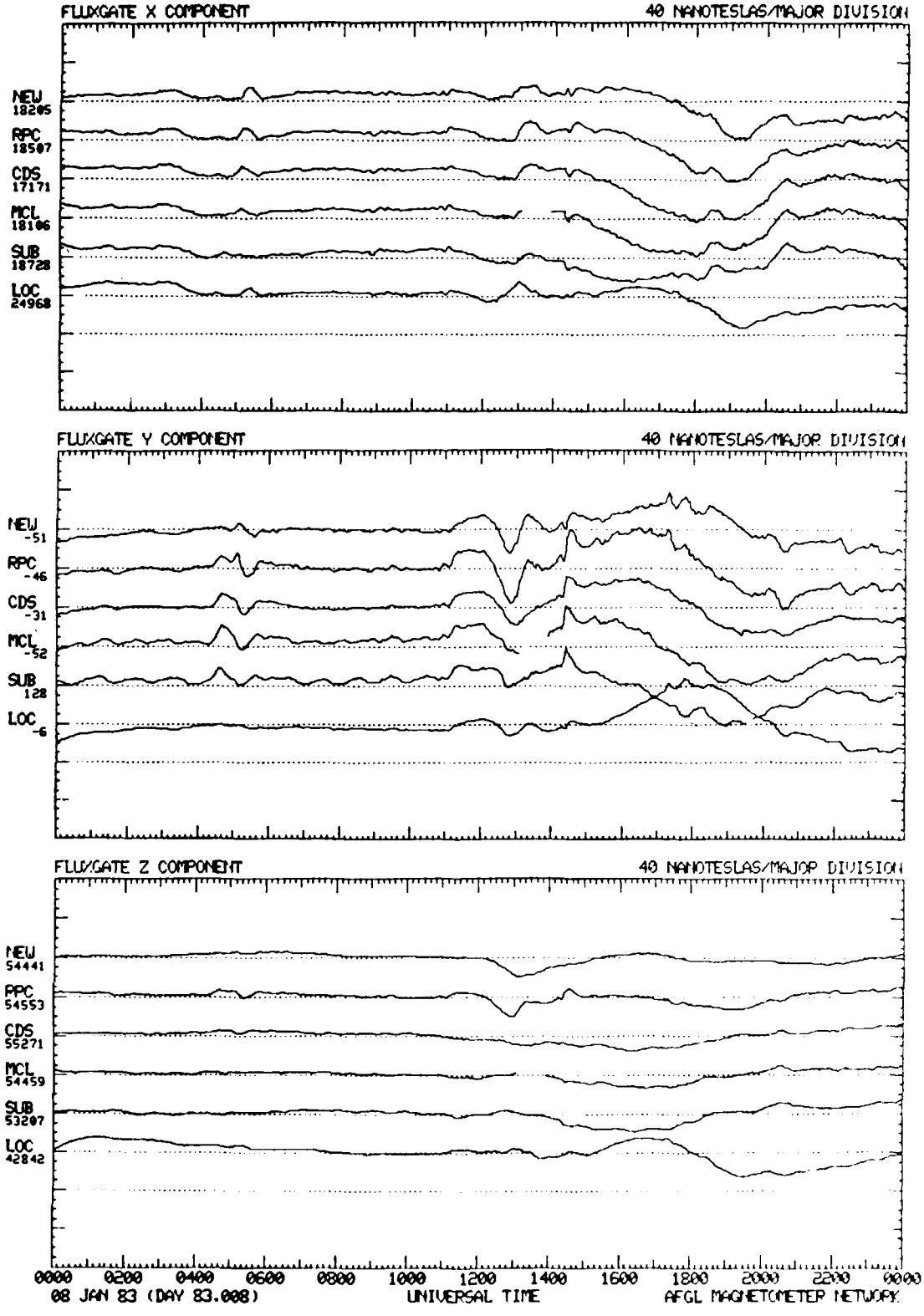

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24945
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RPC
-47
CDS
-33
MCL
-53
SUB
124
LOC
-10
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RPC
54542
CDS
55265
MCL
54451
SUB
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UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

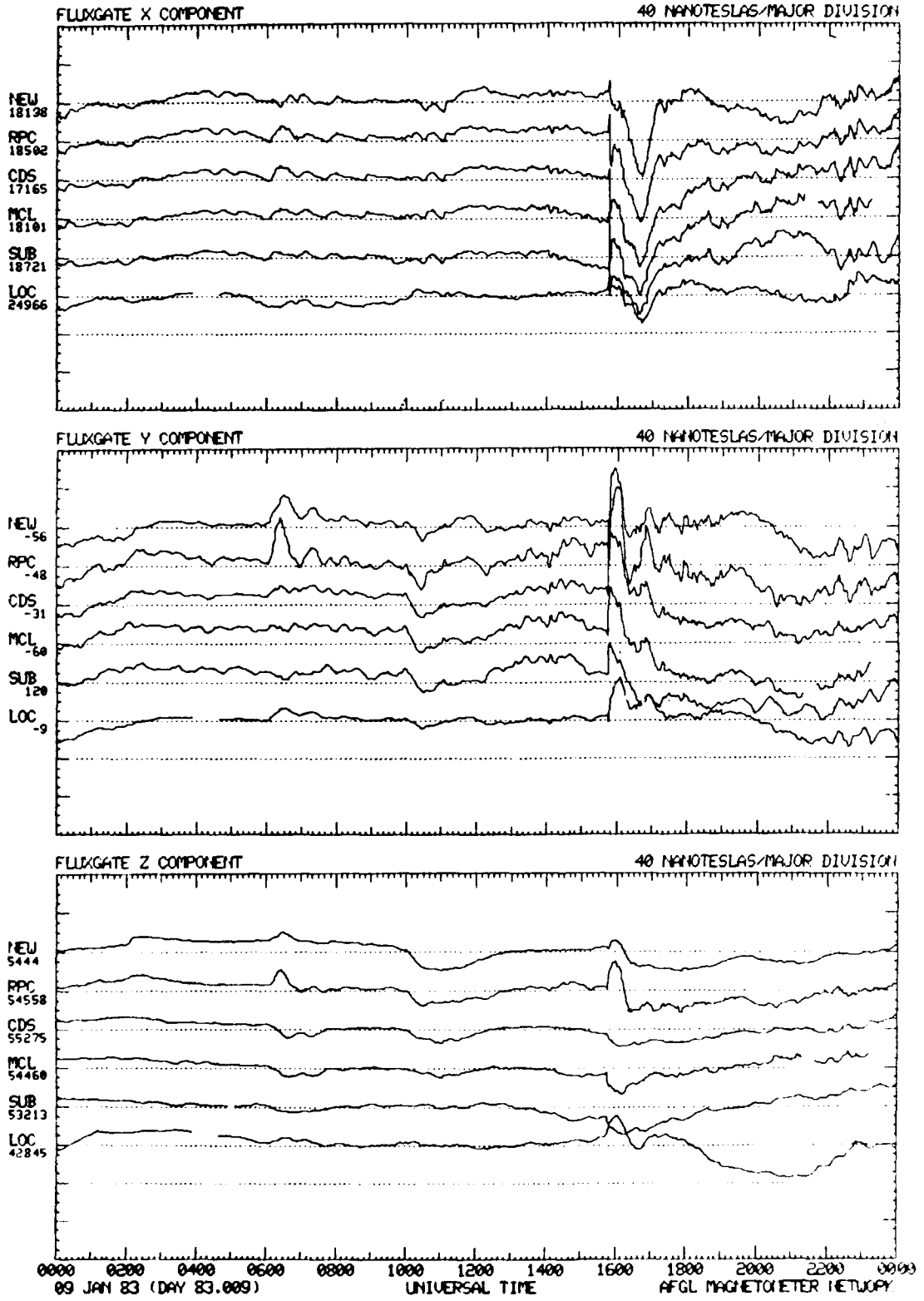

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24955
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-55
RPC
-50
CDS
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MCL
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SUB
116
LOC
-10
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SUB
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UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

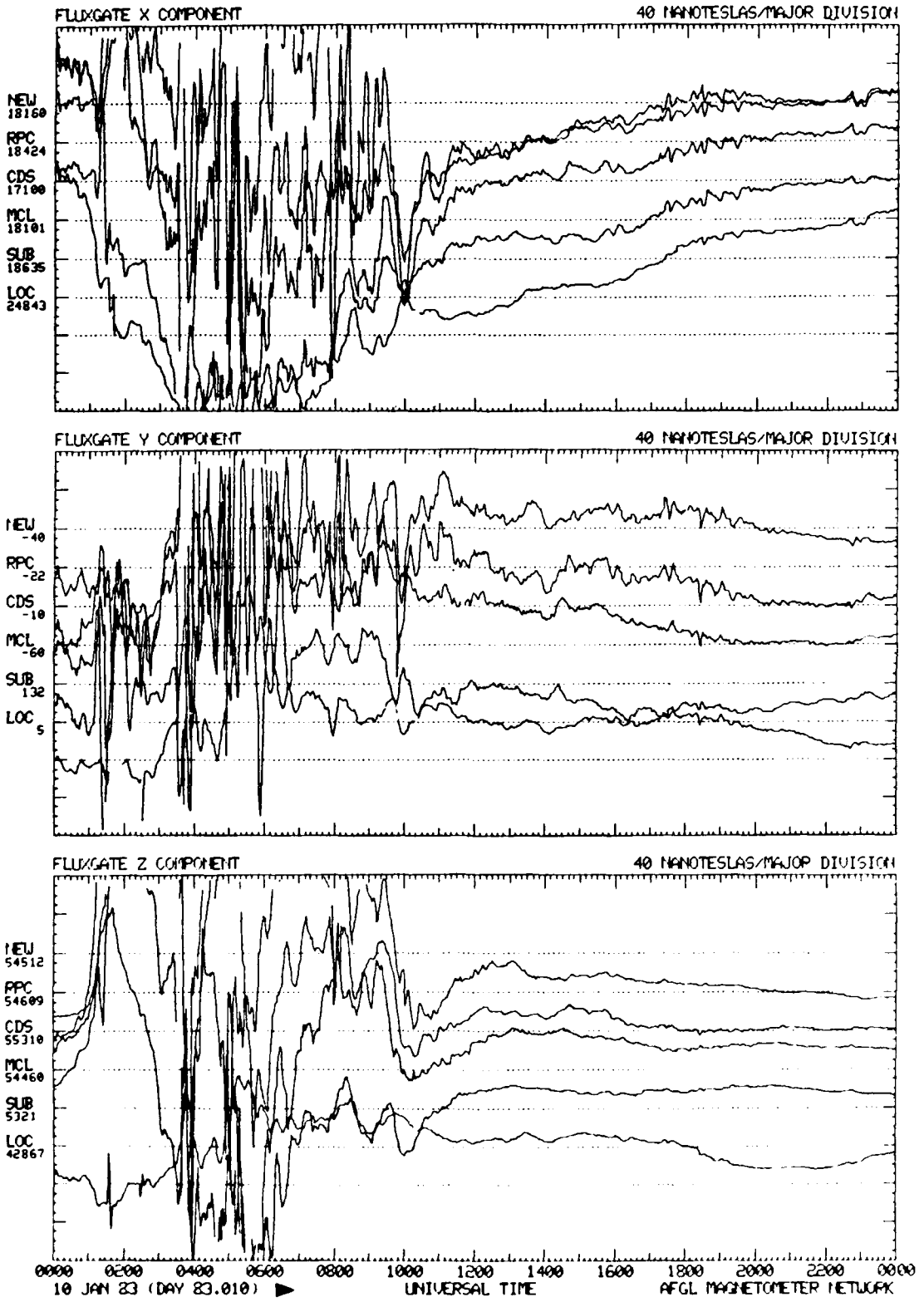

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CDS -27
MCL -60
SUB 124
LOC -11
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RPC 54553
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MCL 54460
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UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

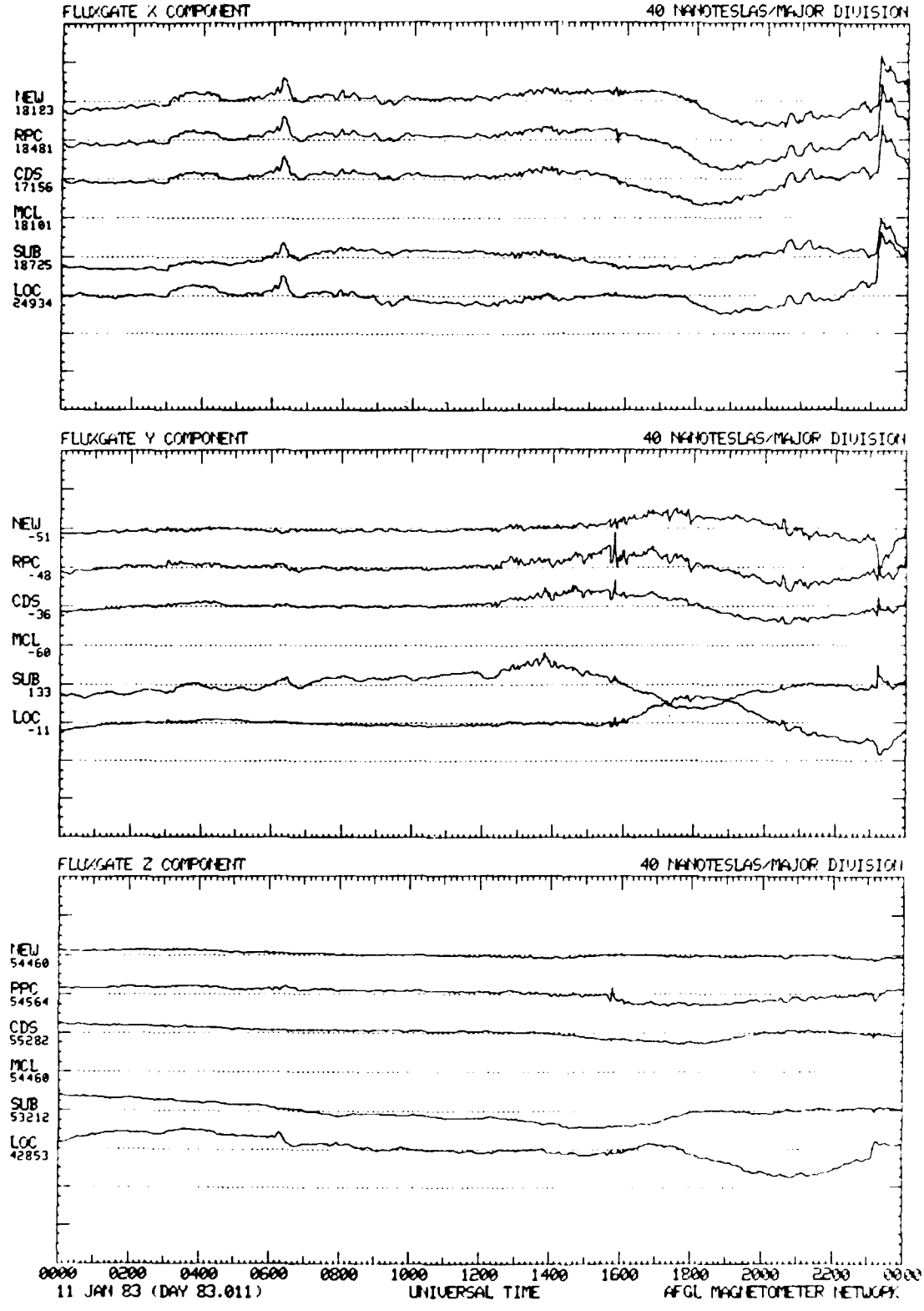

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FLUXGATE Y COMPONENT
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RPC
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CDS
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LOC
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54441
RPC
54557
CDS
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MCL
54462
SUB
53209
LOC
42836
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 JAN 83 (DAY 83.006)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

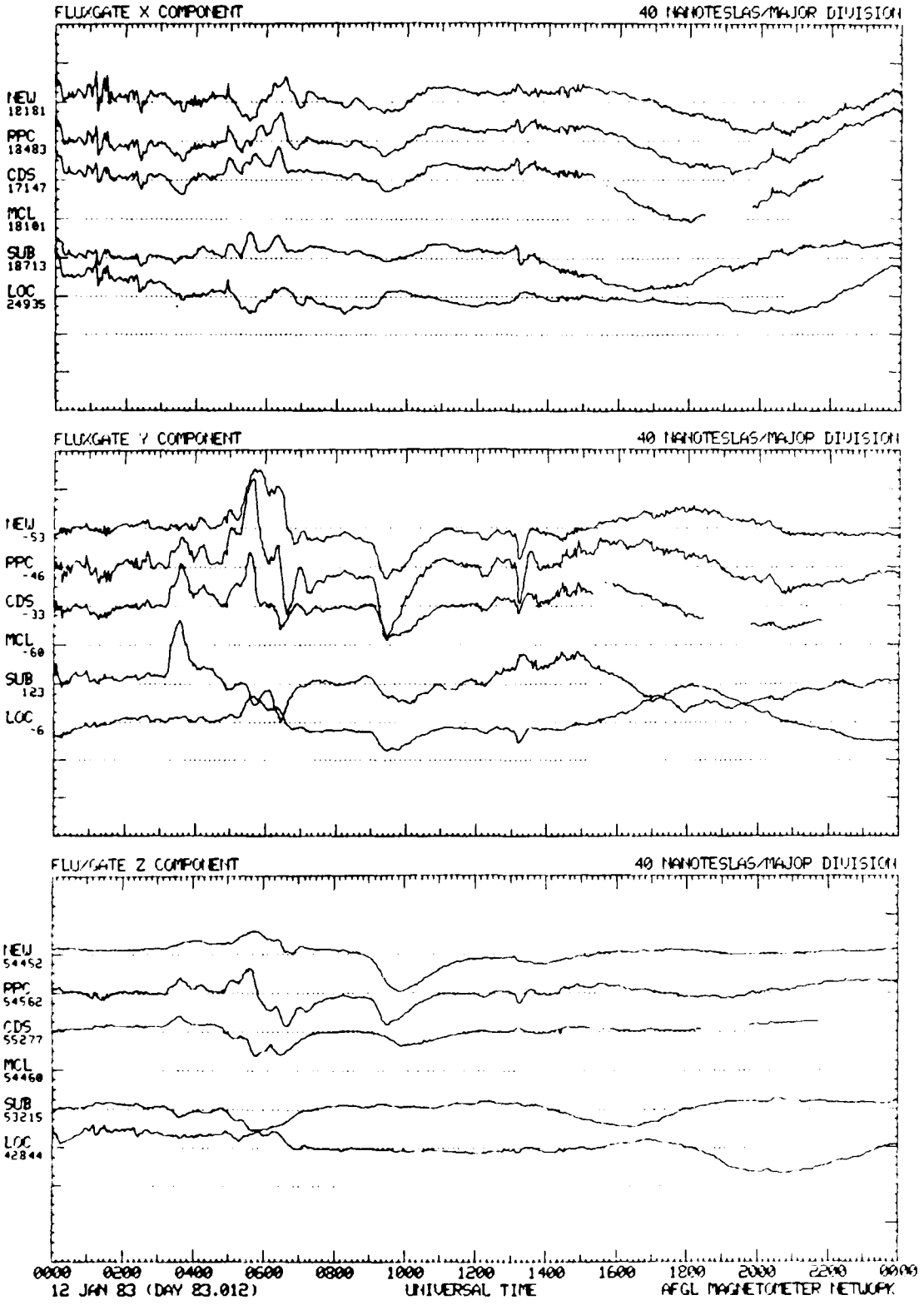

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18201
RPC
18501
CDS
17169
MCL
18105
SUB
18724
LOC
24955
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-48
RPC
-44
CDS
-30
MCL
-59
SUB
129
LOC
-6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54441
RPC
54553
CDS
55271
MCL
54462
SUB
5320
LOC
42835
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 JAN 83 (DAY 83.007)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

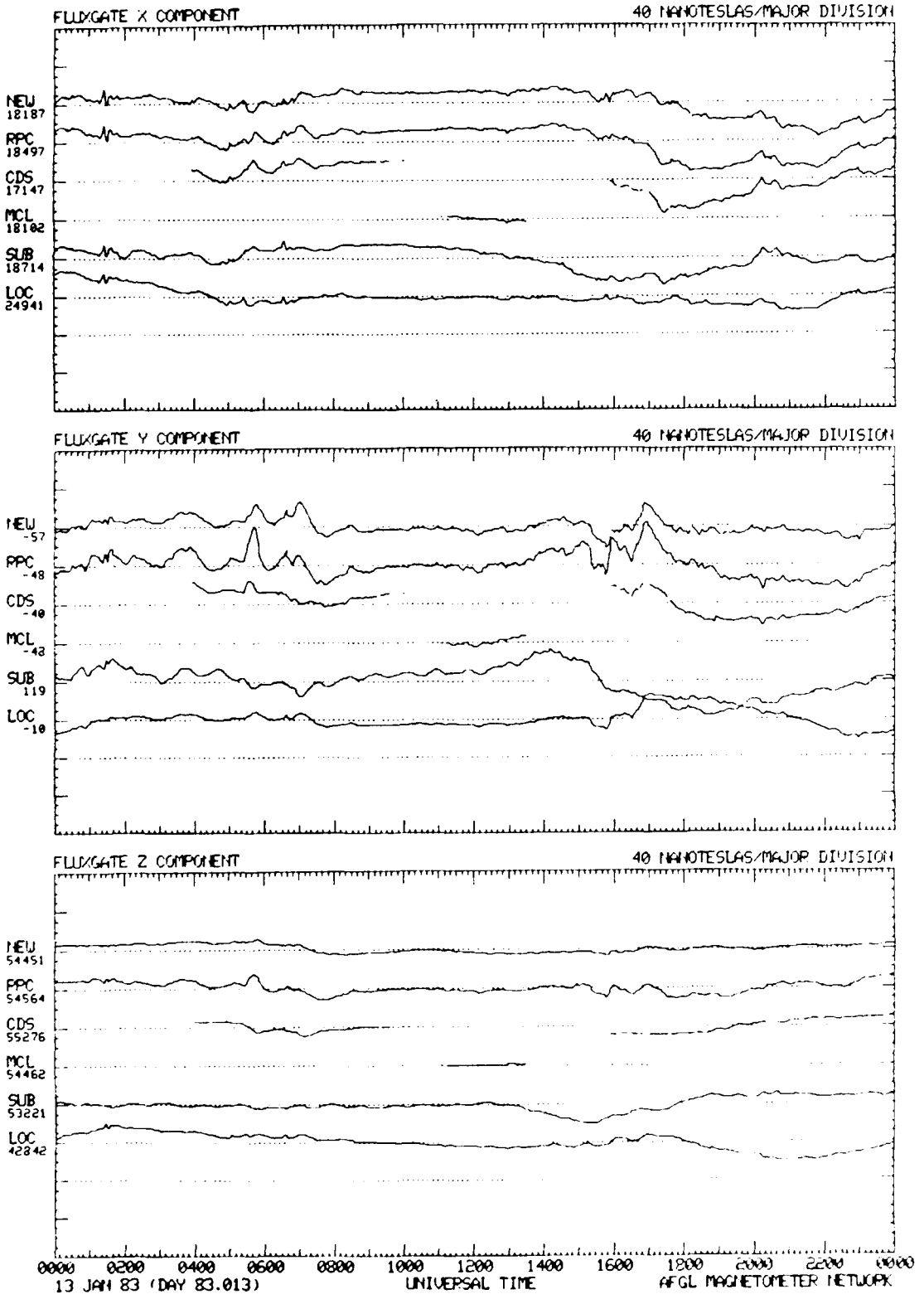

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18205
RPC
18507
CDS
17171
MCL
18106
SUB
18728
LOC
24968
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-51
RPC
-46
CDS
-31
MCL
-52
SUB
128
LOC
-6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54441
RPC
54553
CDS
55271
MCL
54459
SUB
53207
LOC
42842
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 JAN 83 (DAY 83.008)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

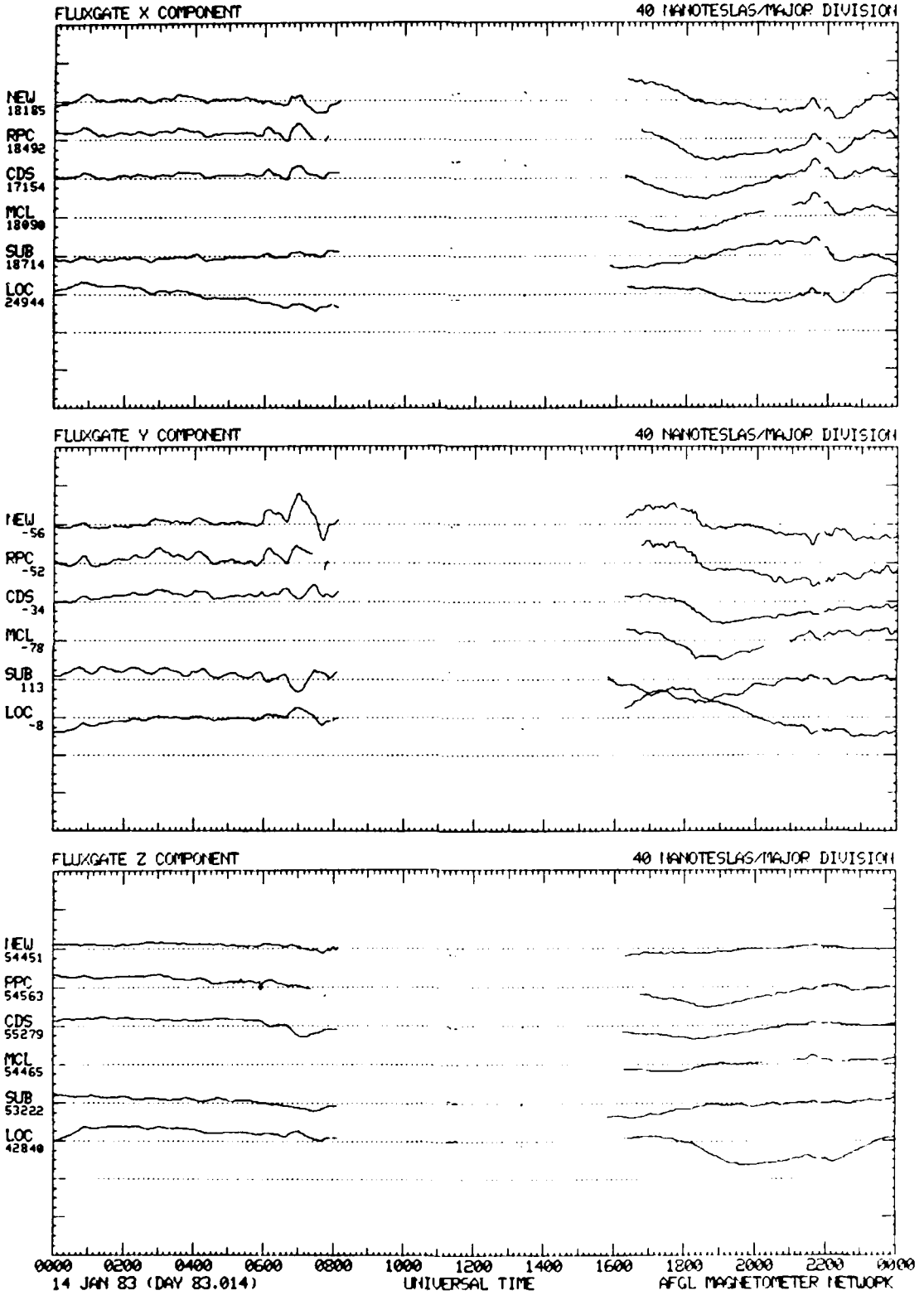

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18138
RPC 18502
CDS 17165
MCL 18101
SUB 18721
LOC 24966
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -48
CDS -31
MCL -60
SUB 120
LOC -9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 5444
RPC 54558
CDS 55275
MCL 54460
SUB 53213
LOC 42845
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 JAN 83 (DAY 83.009)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

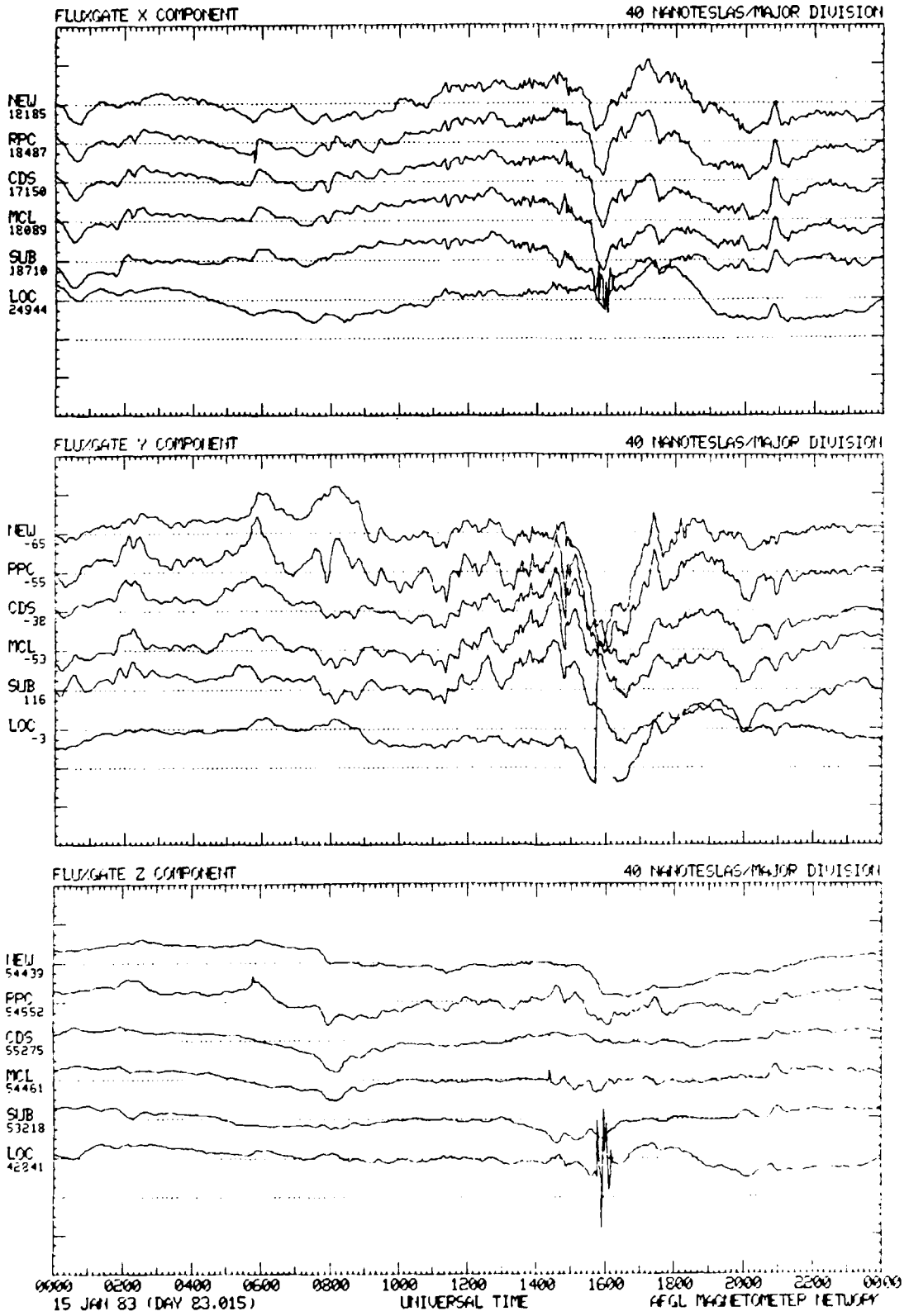

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18160
RPC 18424
CDS 17100
MCL 18101
SUB 18635
LOC 24843
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -40
RPC -22
CDS -10
MCL -60
SUB 132
LOC 5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54512
RPC 54609
CDS 55310
MCL 54460
SUB 5321
LOC 42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 JAN 83 (DAY 83.010)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

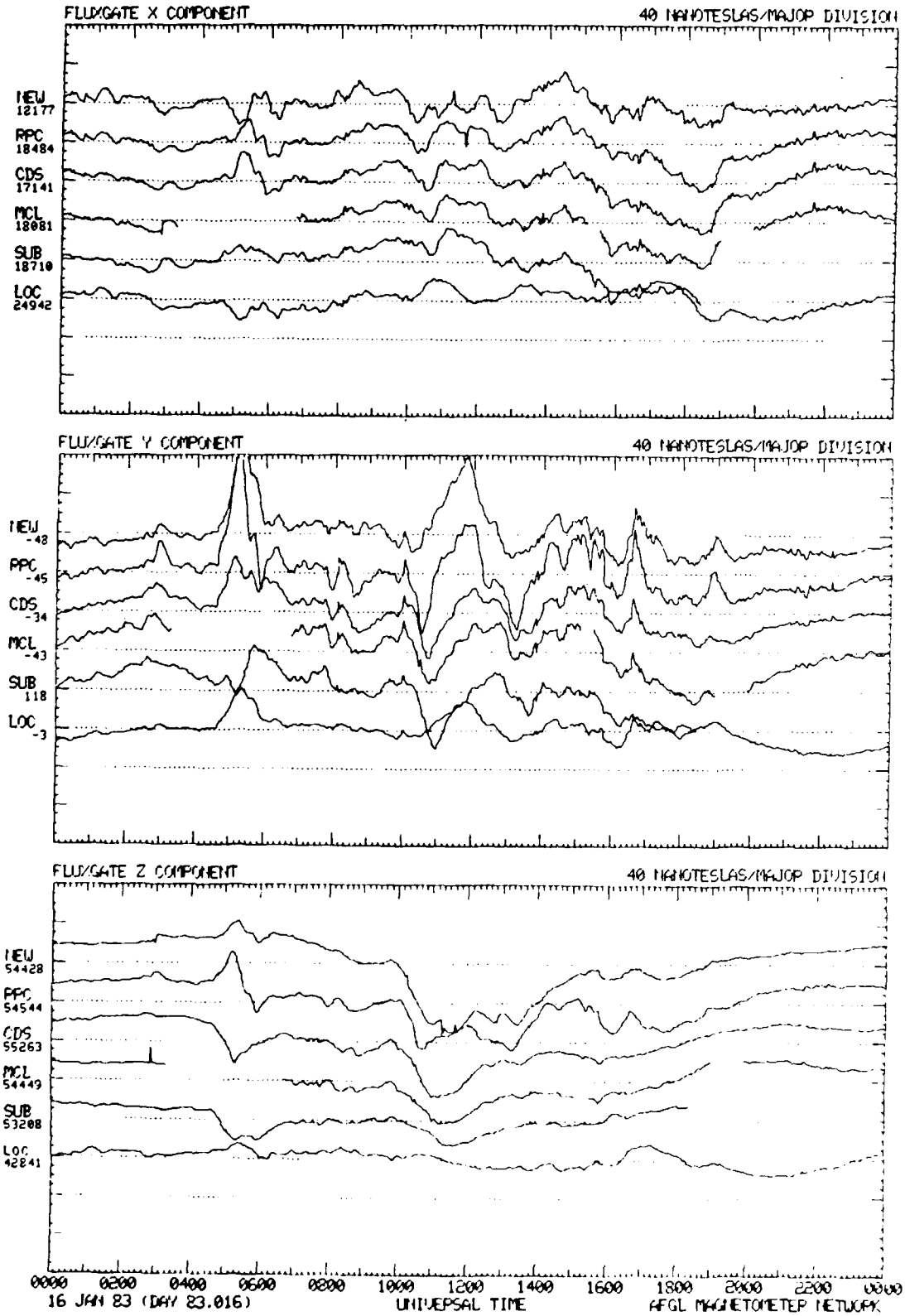

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18183
RPC
18481
CDS
17156
MCL
18101
SUB
18725
LOC
24934
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-51
RPC
-48
CDS
-36
MCL
-60
SUB
133
LOC
-11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54460
PPC
54564
CDS
55282
MCL
54460
SUB
53212
LOC
42853
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 JAN 83 (DAY 83.011)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

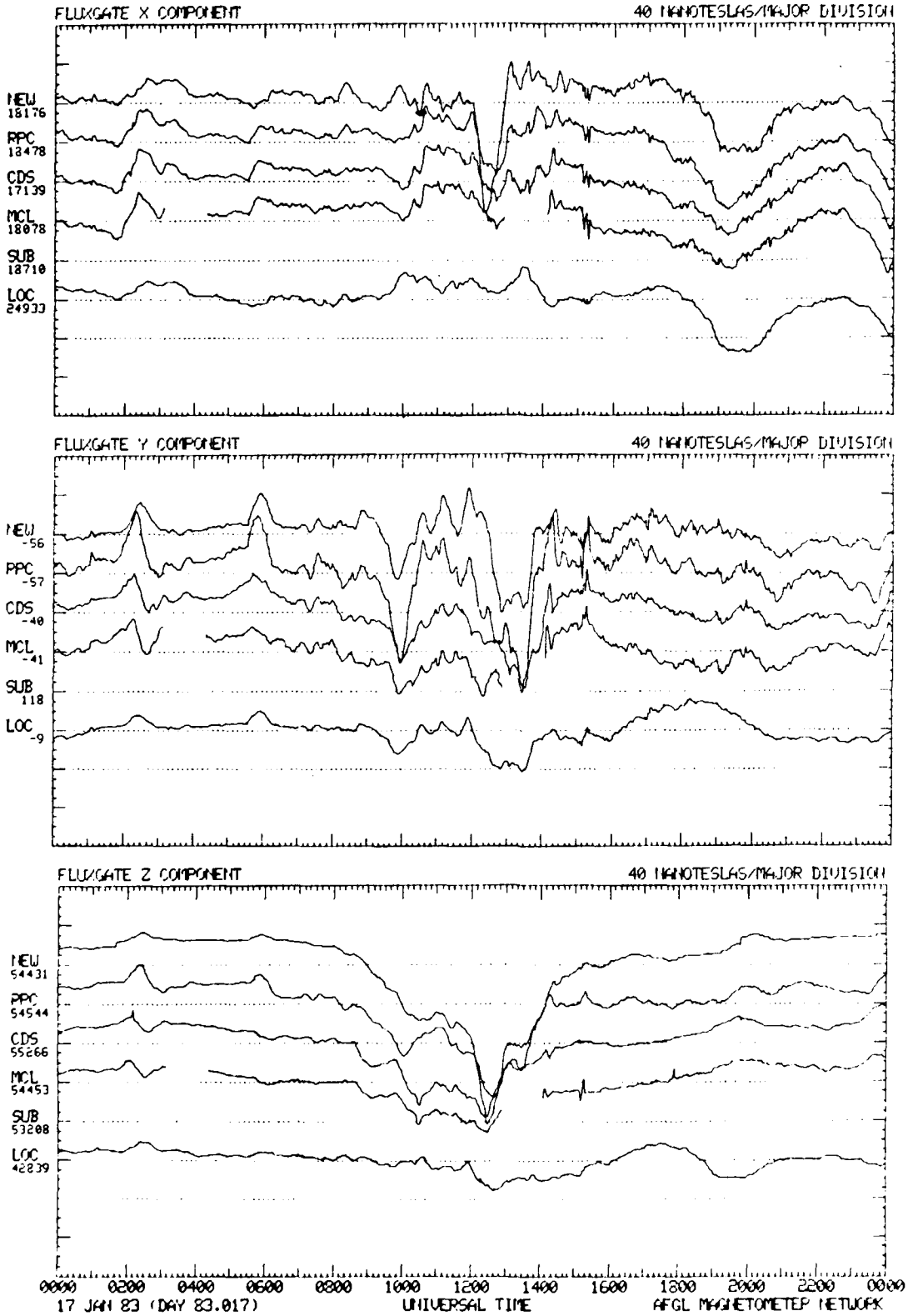

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18181
PPC
18483
CDS
17147
MCL
18101
SUB
18713
LOC
24935
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-53
PPC
-46
CDS
-33
MCL
-60
SUB
123
LOC
-6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54452
PPC
54562
CDS
55277
MCL
54460
SUB
53215
LOC
42844
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
12 JAN 83 (DAY 83.012)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

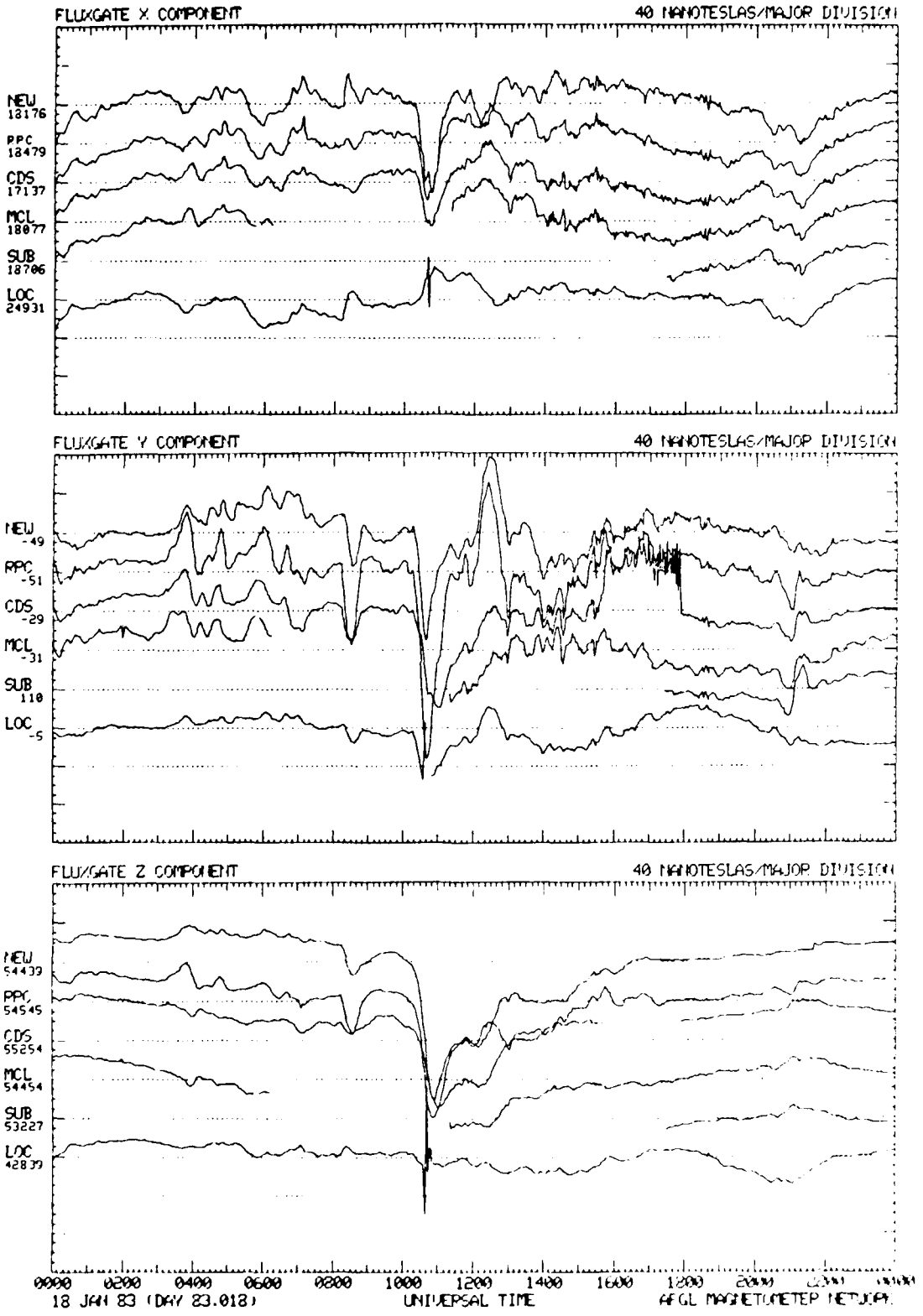

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18187
RPC 18497
CDS 17147
MCL 18102
SUB 18714
LOC 24941
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -57
RPC -48
CDS -40
MCL -43
SUB 119
LOC -10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54451
RPC 54564
CDS 55276
MCL 54462
SUB 53221
LOC 42842
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 JAN 83 (DAY 83.013)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

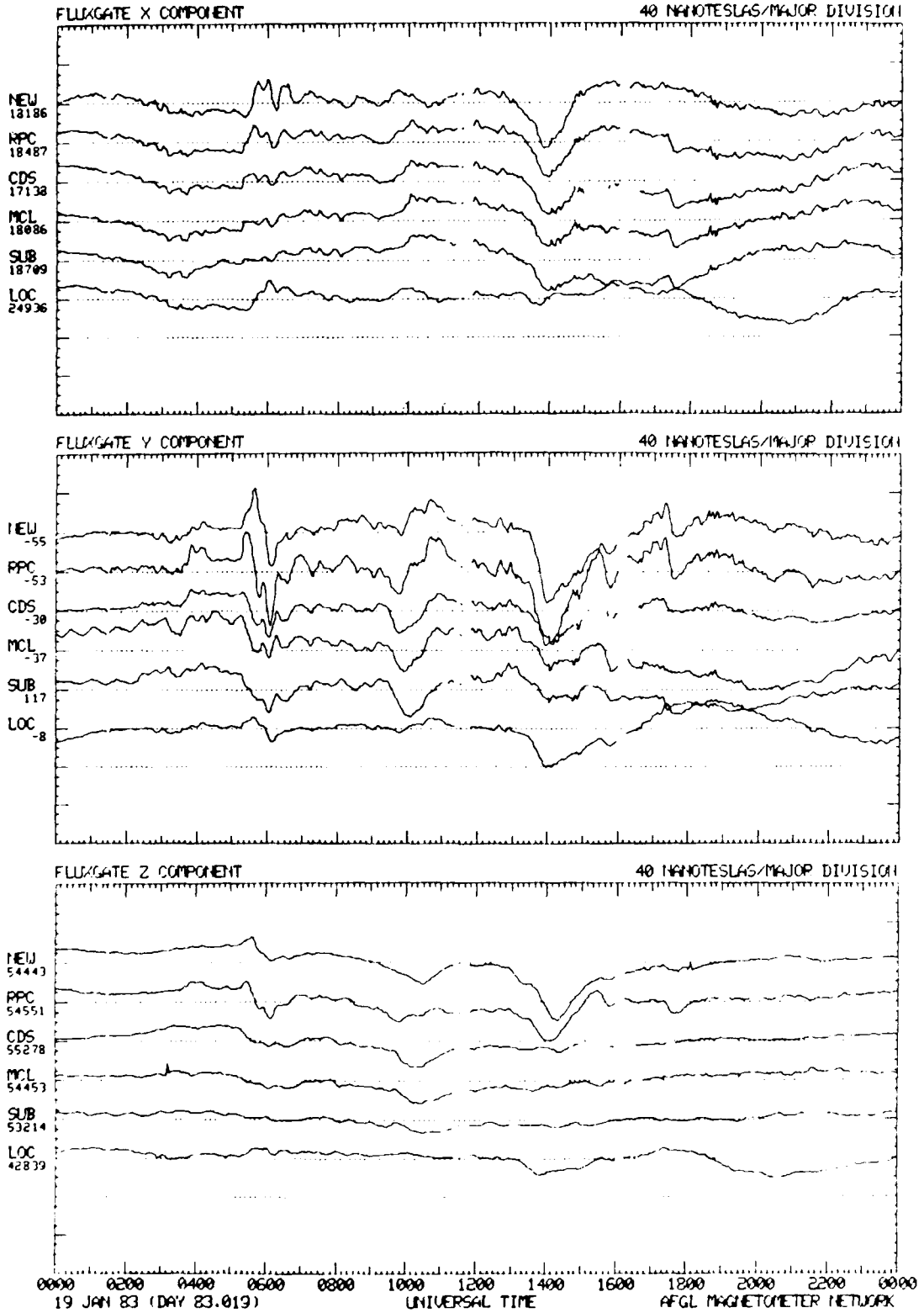

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18185
RPC
18492
CDS
17154
MCL
18090
SUB
18714
LOC
24944
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-56
RPC
-52
CDS
-34
MCL
-78
SUB
113
LOC
-8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54451
RPC
54563
CDS
55279
MCL
54465
SUB
53222
LOC
42840
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
14 JAN 83 (DAY 83.014)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

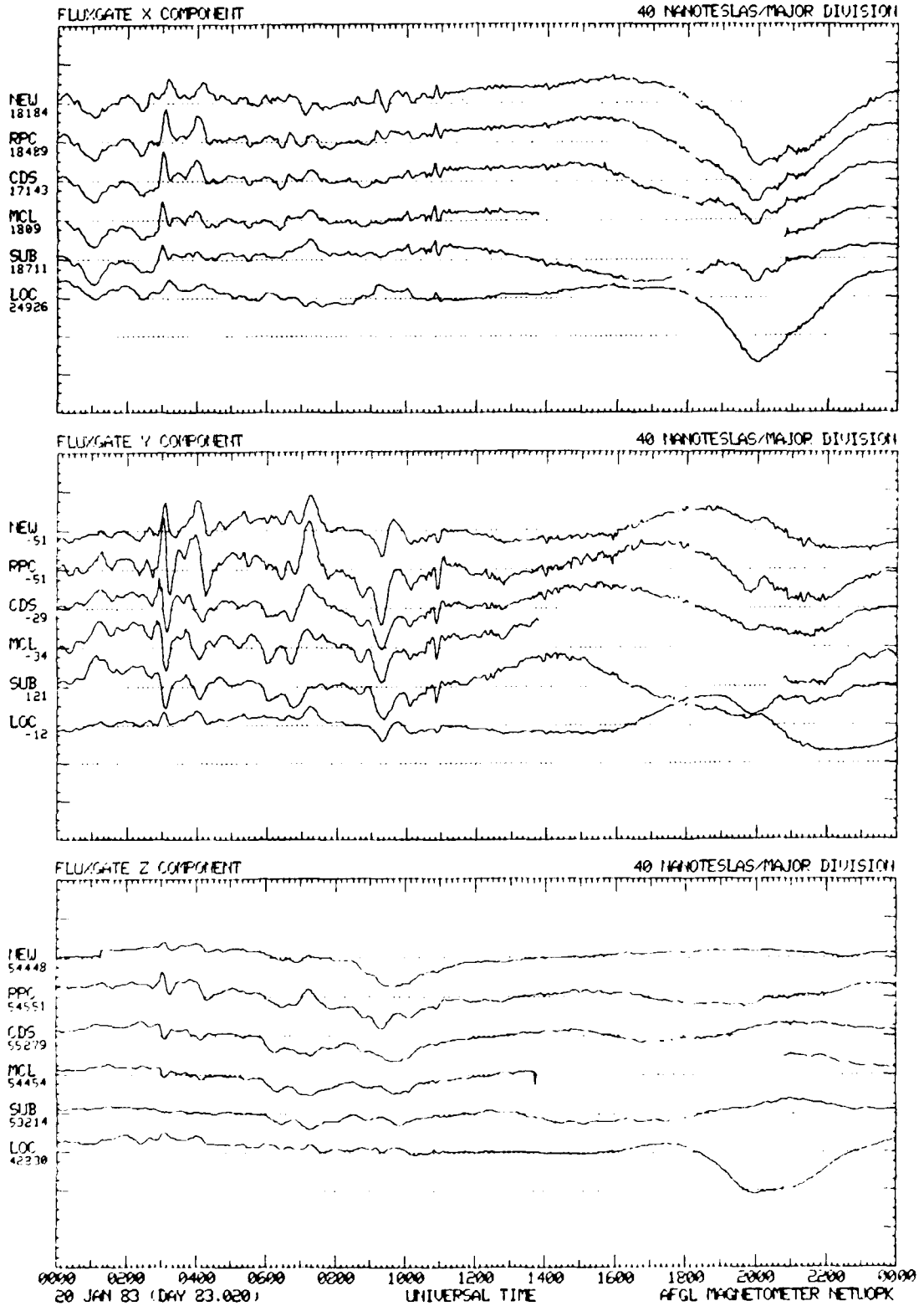

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18185
PPC
18487
CDS
17150
MCL
18089
SUB
18710
LOC
24944
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-65
PPC
-55
CDS
-38
MCL
-53
SUB
116
LOC
-3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54439
PPC
54552
CDS
55275
MCL
54461
SUB
53218
LOC
42241
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 JAN 83 (DAY 83.015)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

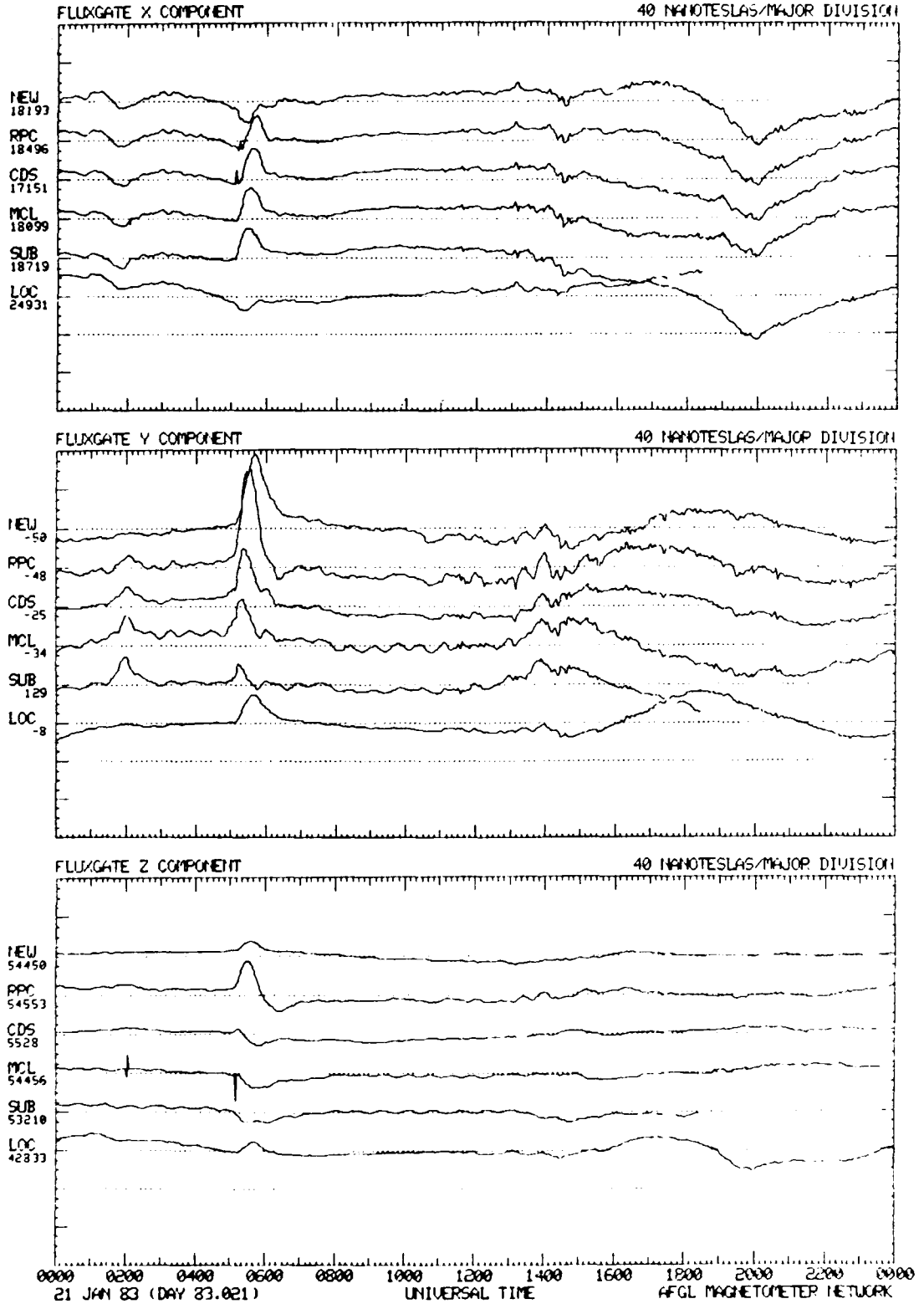

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 12177
RPC 18484
CDS 17141
MCL 18081
SUB 18710
LOC 24942
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -48
RPC -45
CDS -34
MCL -43
SUB 118
LOC -3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54428
RPC 54544
CDS 55263
MCL 54449
SUB 53208
LOC 42841
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 JAN 83 (DAY 83.016)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

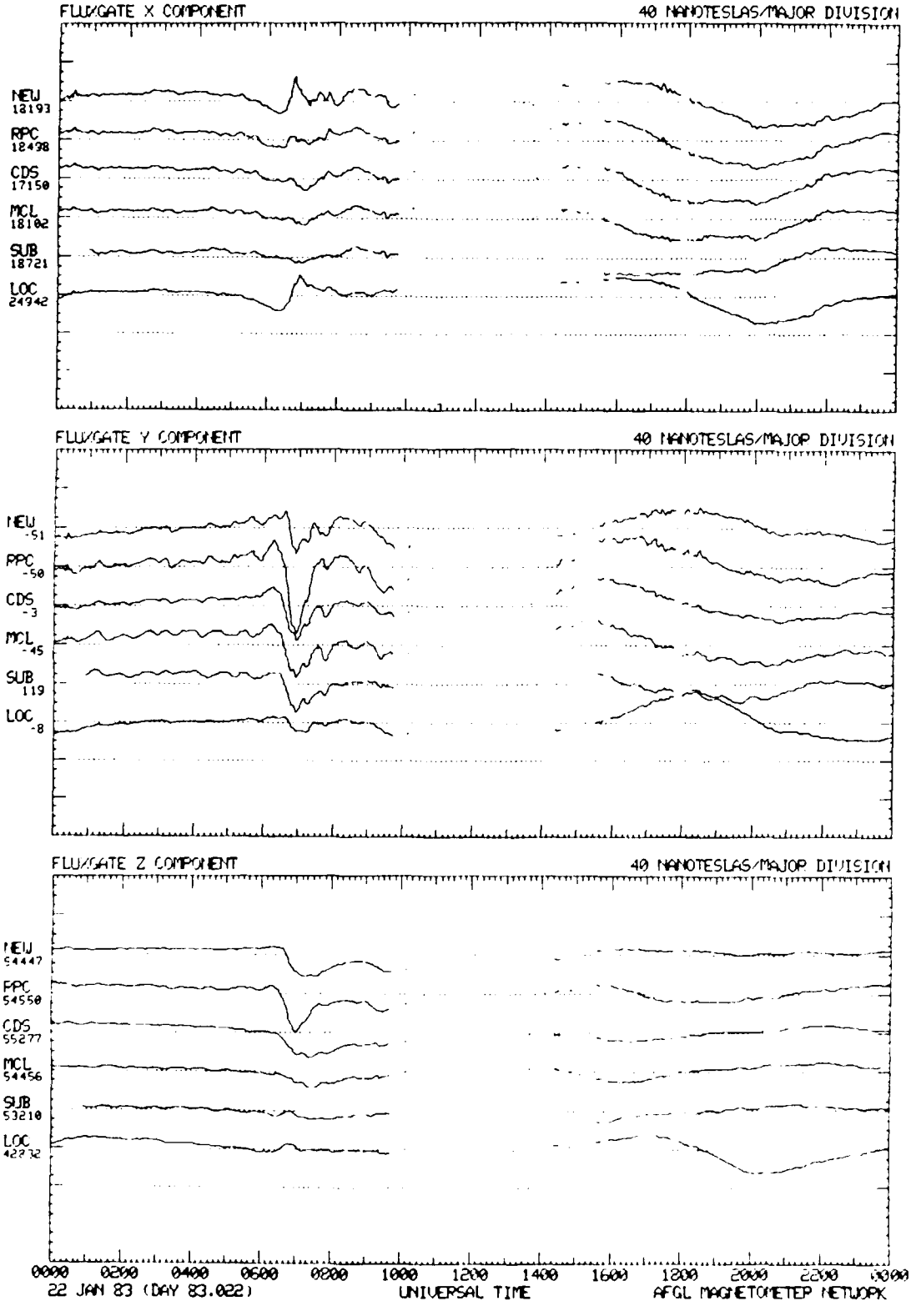

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18176
PPC 18478
CDS 17139
MCL 18078
SUB 18710
LOC 24933
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
PPC -57
CDS -40
MCL -41
SUB 118
LOC -9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54431
PPC 54544
CDS 55266
MCL 54453
SUB 53208
LOC 42839
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 JAN 83 (DAY 83.017)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

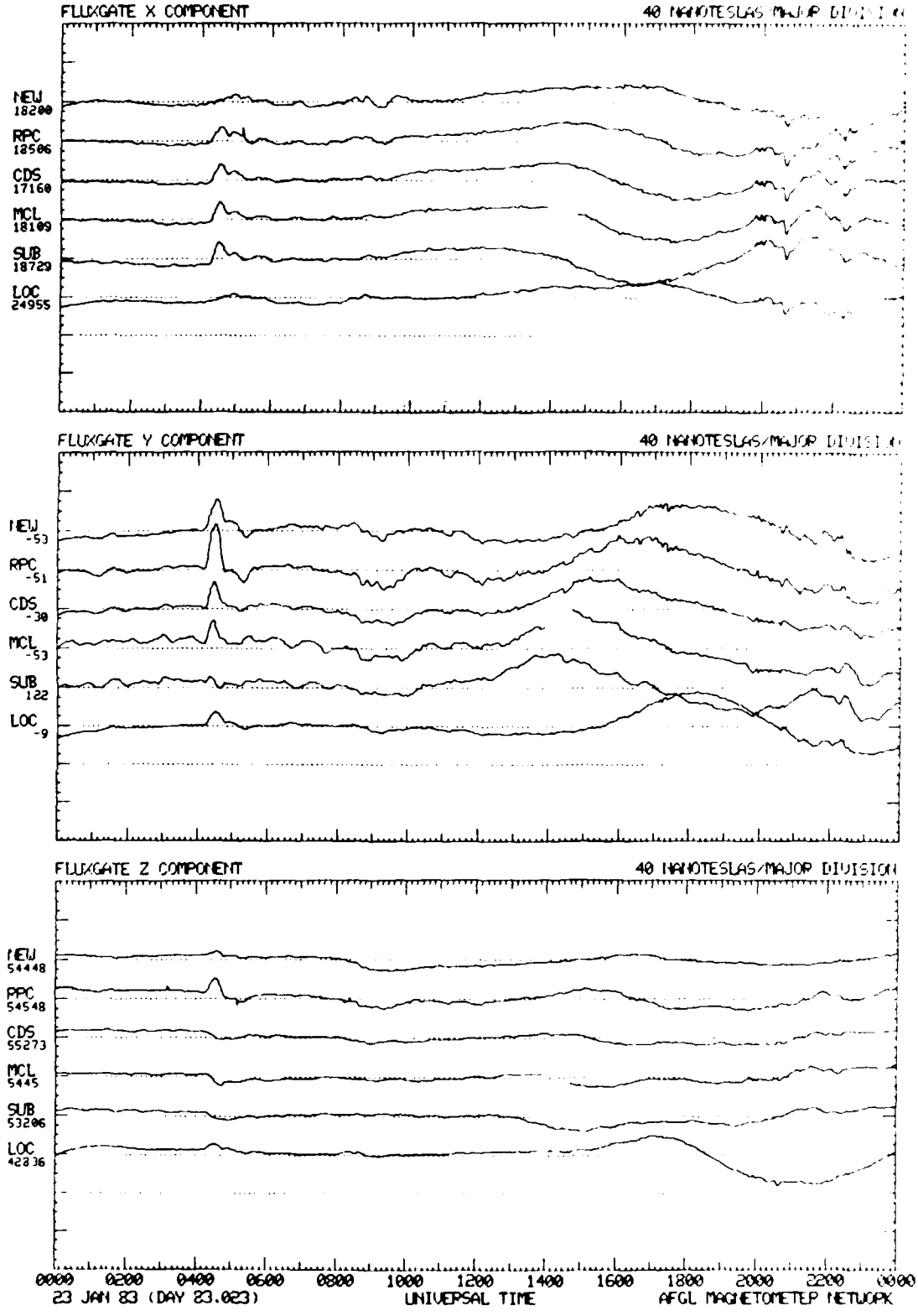

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18176
PPC
18479
CDS
17137
MCL
18077
SUB
18706
LOC
24931
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-49
PPC
-51
CDS
-29
MCL
-31
SUB
110
LOC
-5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54439
PPC
54545
CDS
55254
MCL
54454
SUB
53227
LOC
42839
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
18 JAN 83 (DAY 83.018)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

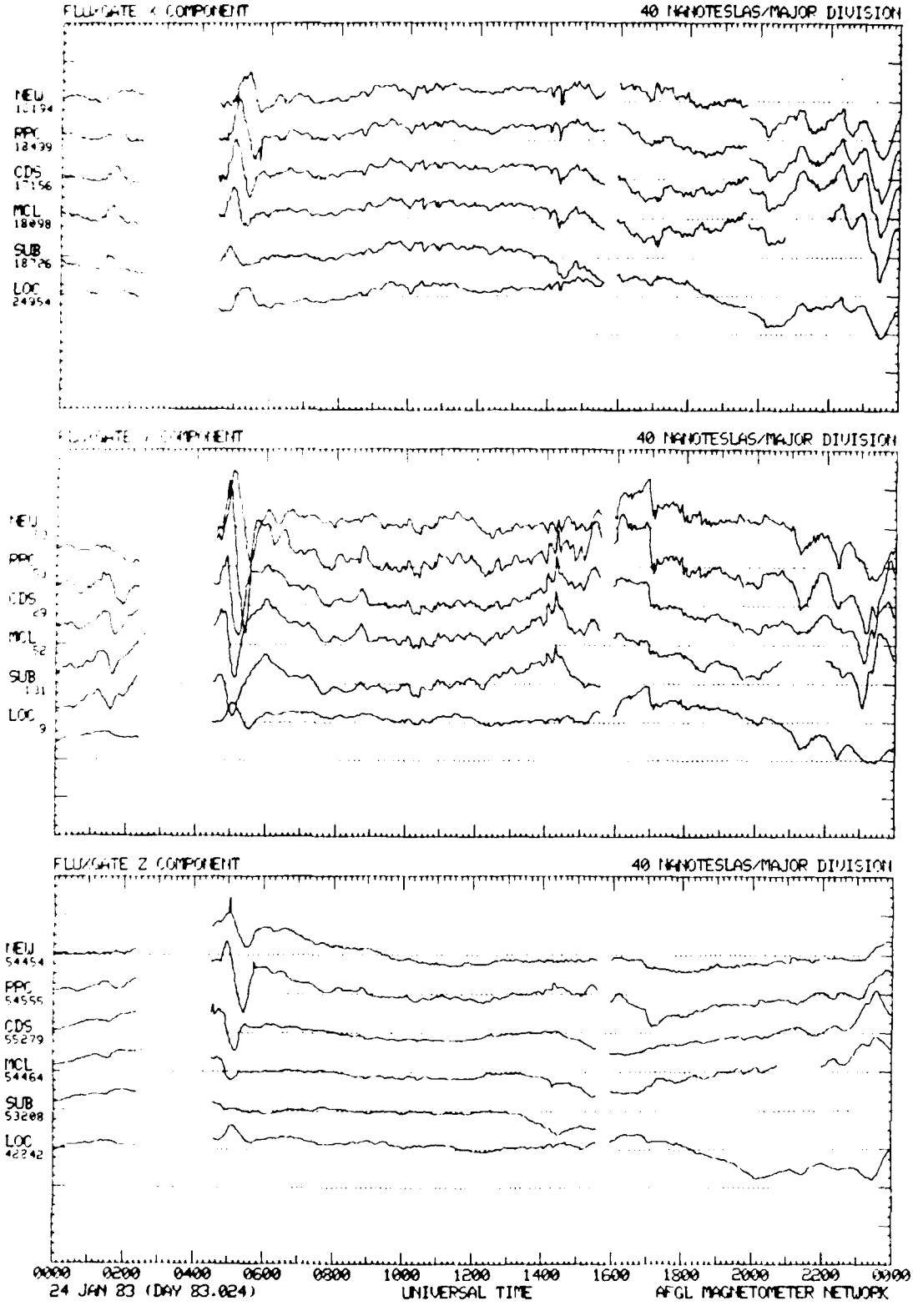

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18186
RPC 18487
CDS 17138
MCL 18086
SUB 18709
LOC 24936
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -55
RPC -53
CDS -30
MCL -37
SUB 117
LOC -8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54443
RPC 54551
CDS 55278
MCL 54453
SUB 53214
LOC 42839
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 JAN 83 (DAY 83.019)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

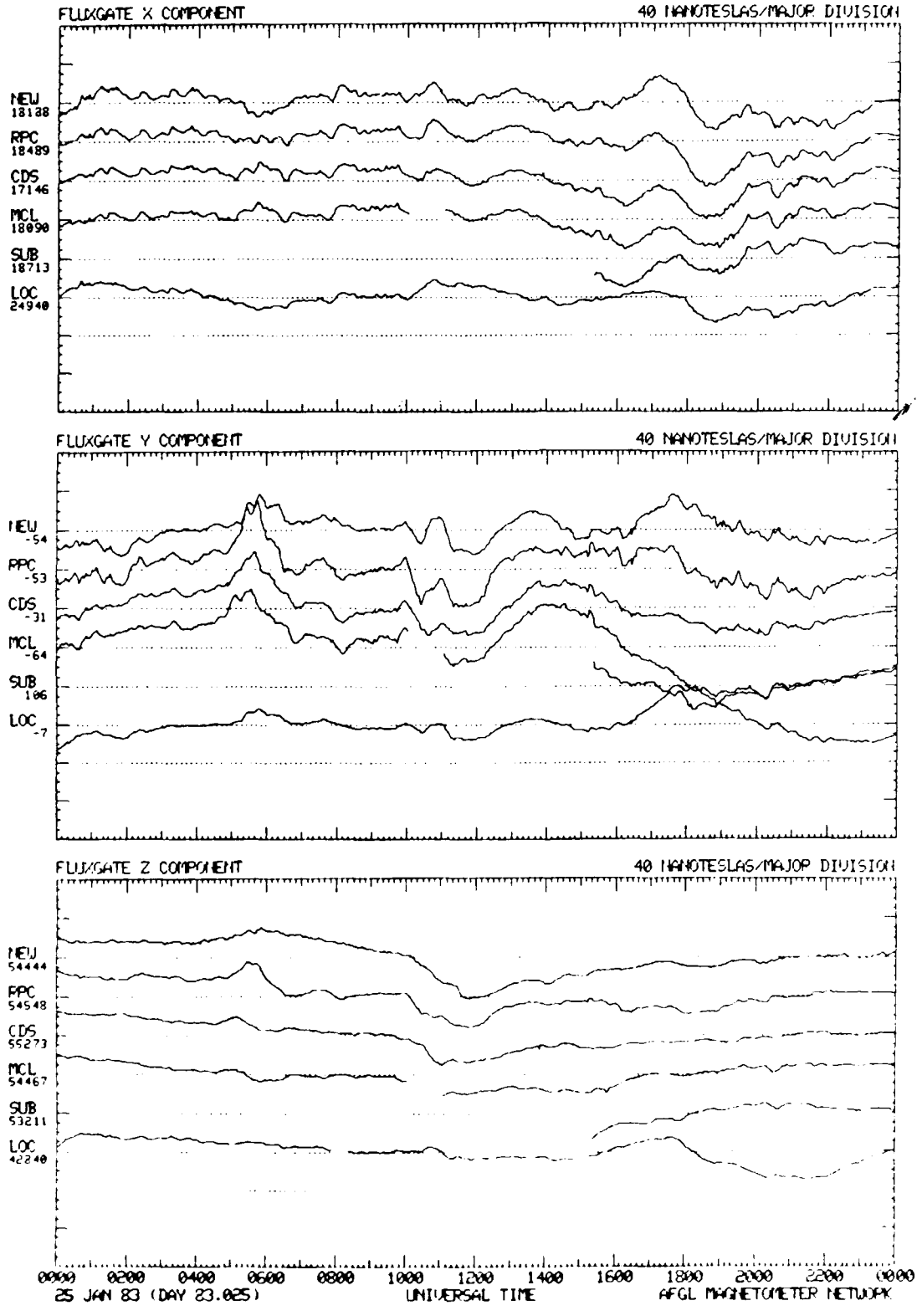

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18184
RPC 18489
CDS 17143
MCL 1809
SUB 18711
LOC 24926
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -51
RPC -51
CDS -29
MCL -34
SUB 121
LOC -12
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54448
RPC 54551
CDS 55279
MCL 54454
SUB 53214
LOC 42310
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 JAN 83 (DAY 23.020)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

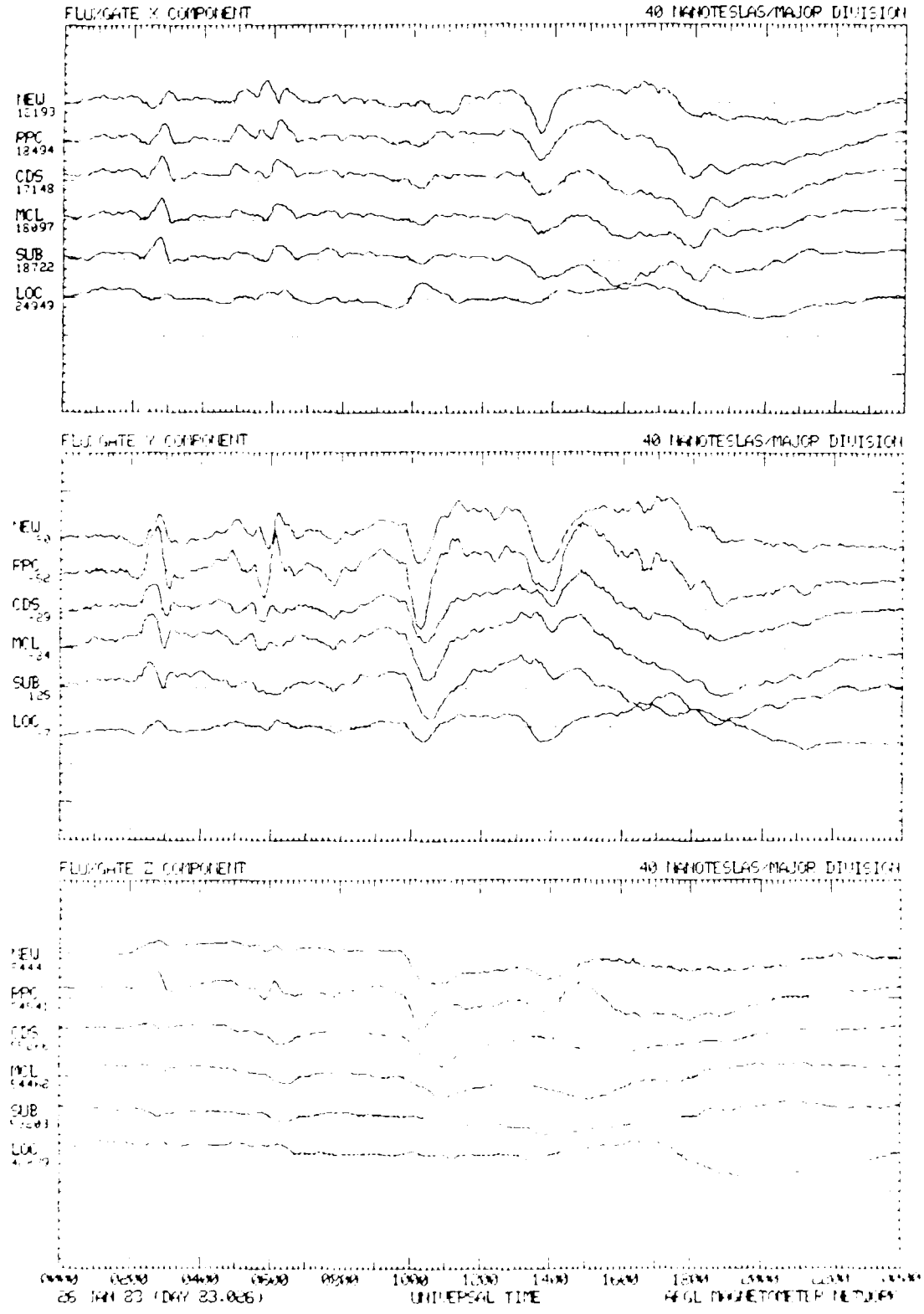

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18193
RPC 18496
CDS 17151
MCL 18099
SUB 18719
LOC 24931
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -50
RPC -48
CDS -25
MCL -34
SUB 129
LOC -8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54450
RPC 54553
CDS 55528
MCL 54456
SUB 53210
LOC 42833
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 JAN 83 (DAY 83.021)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

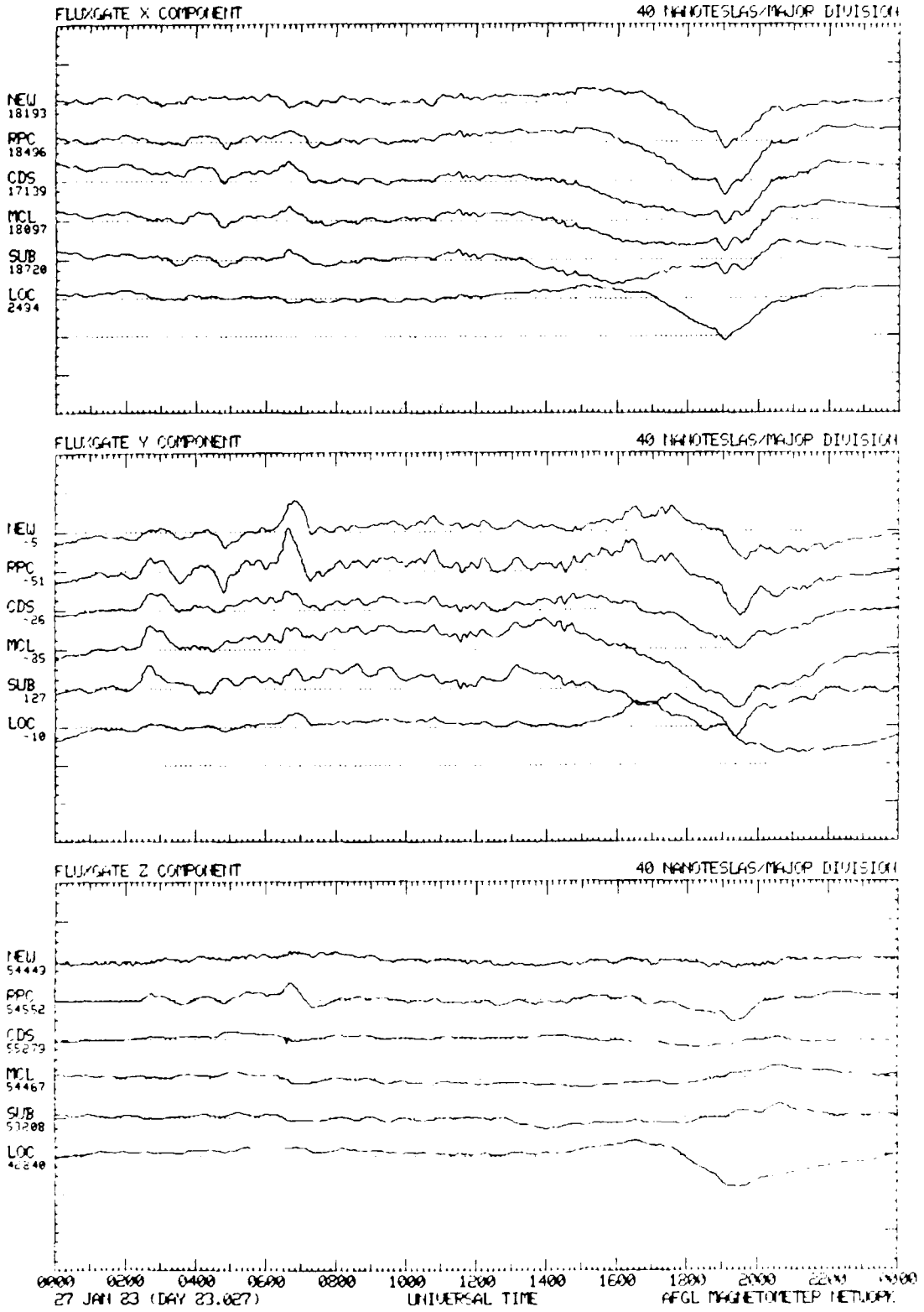

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18193
RPC 18498
CDS 17150
MCL 18102
SUB 18721
LOC 24942
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -51
PPC -50
CDS -3
MCL -45
SUB 119
LOC -8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54447
PPC 54550
CDS 55277
MCL 54456
SUB 53210
LOC 42232
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 JAN 83 (DAY 83.022)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

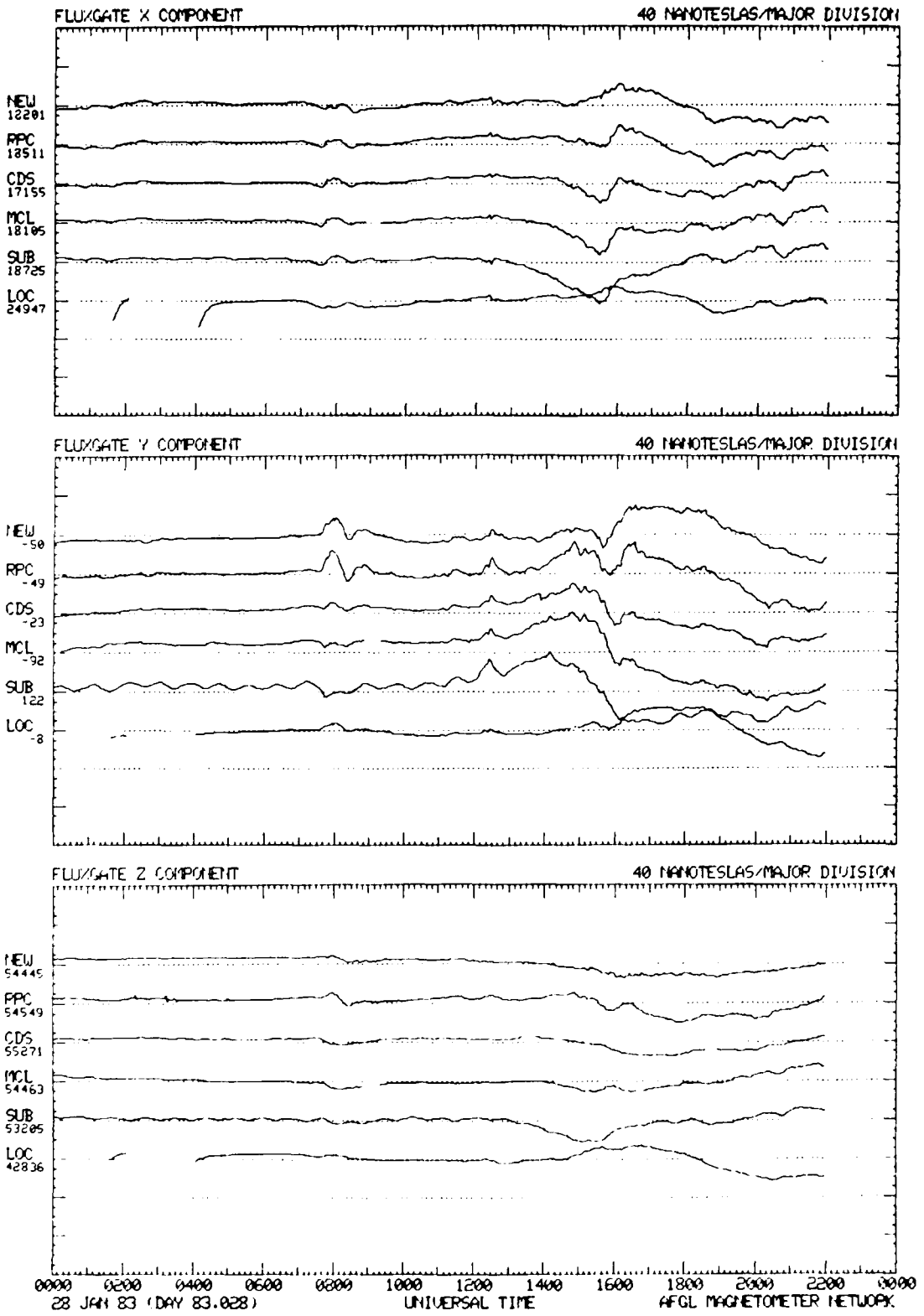

FLUXGATE X COMPONENT
40 NANOTESLAS MAJOR DIVI
NEW
18200
RPC
18506
CDS
17160
MCL
18109
SUB
18729
LOC
24955
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISI
NEW
-53
RPC
-51
CDS
-30
MCL
-53
SUB
122
LOC
-9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISIO
NEW
54448
PPC
54548
CDS
55273
MCL
5445
SUB
53206
LOC
42836
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 JAN 83 (DAY 23.023)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

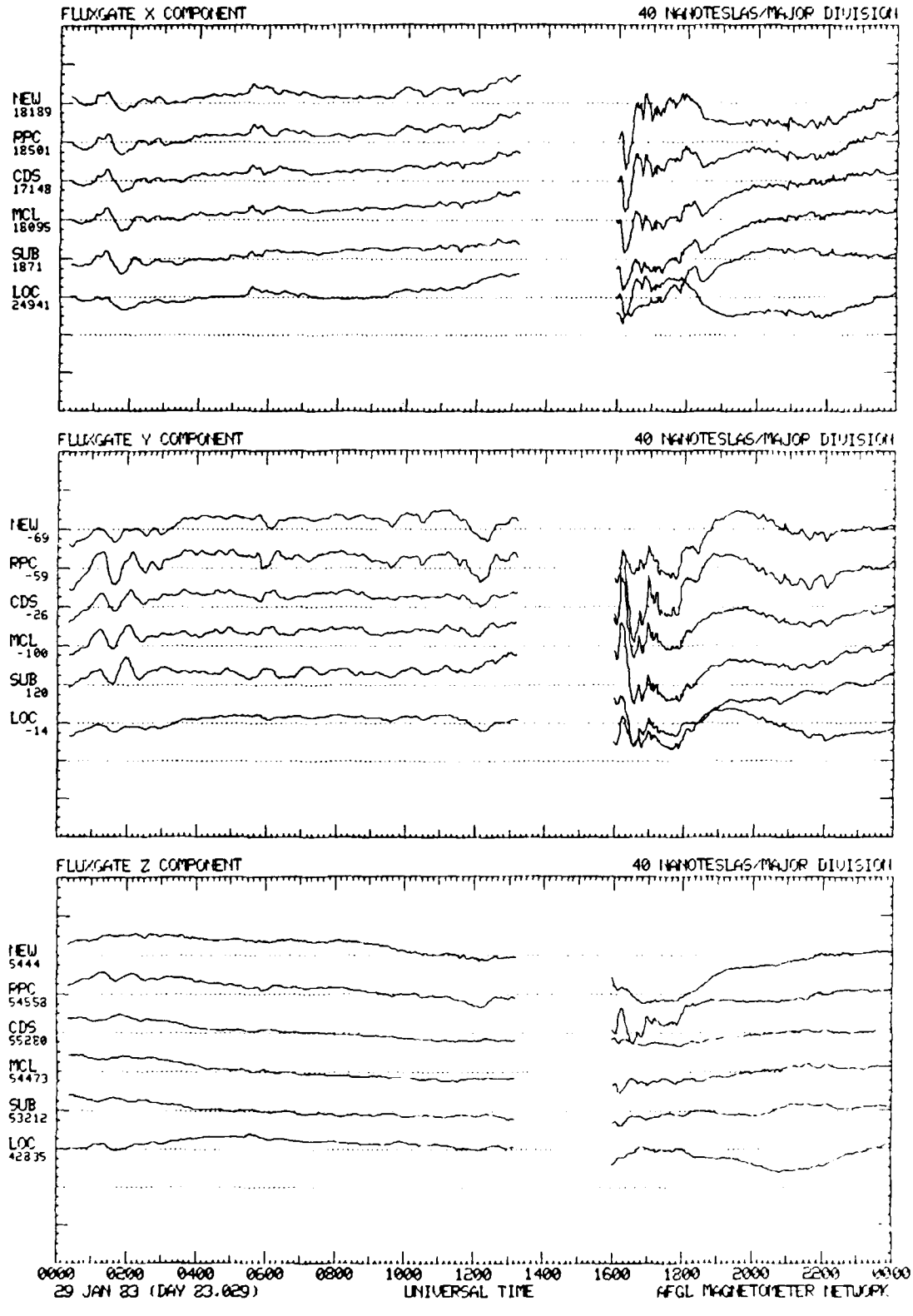

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPT
CDS
MCL
SUB
LOC
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 JAN 83 (DAY 83.024)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

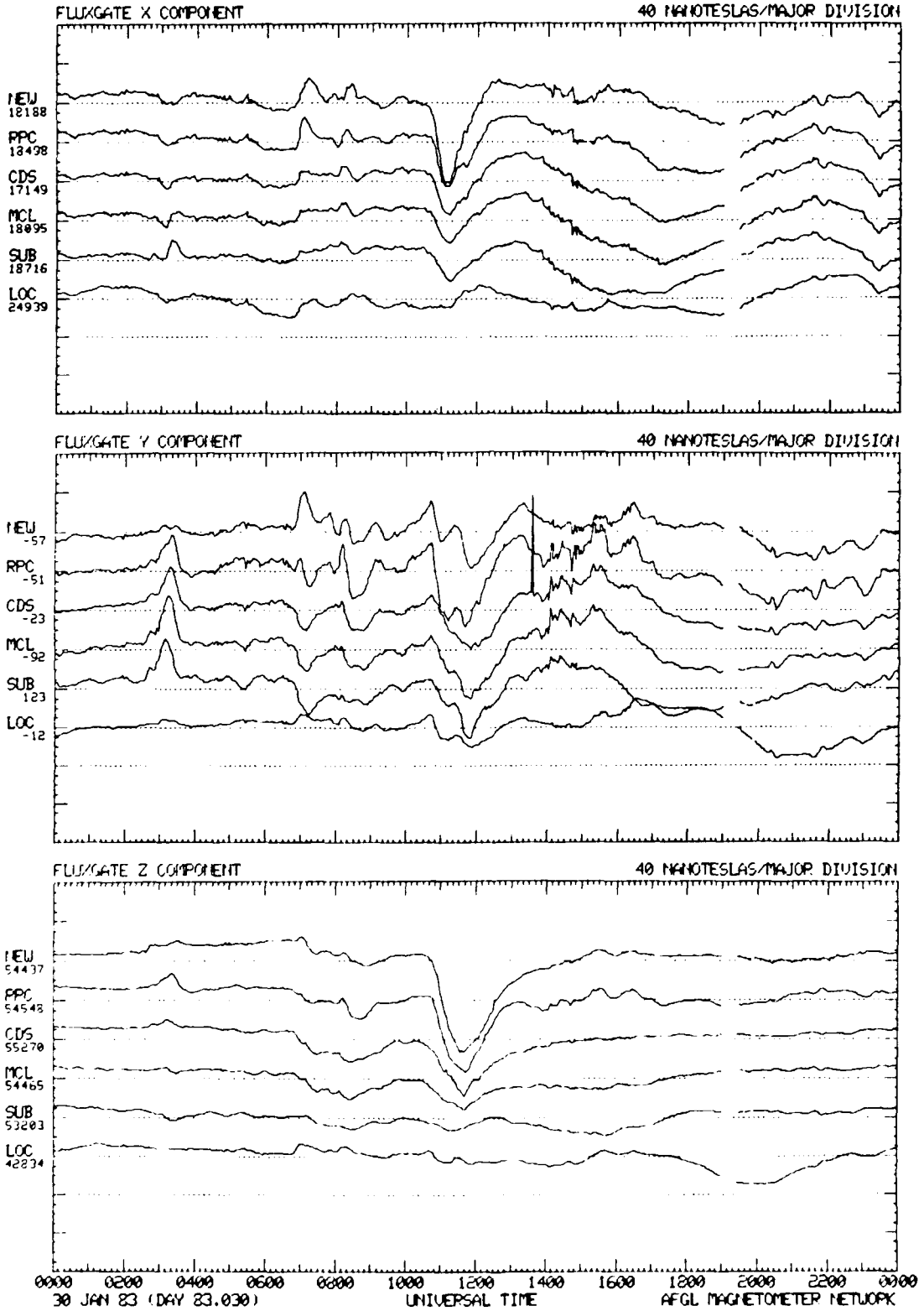

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18138
RPC
18489
CDS
17146
MCL
18090
SUB
18713
LOC
24940
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-54
RPC
-53
CDS
-31
MCL
-64
SUB
106
LOC
-7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54444
RPC
54548
CDS
55273
MCL
54467
SUB
53211
LOC
42240
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 JAN 83 (DAY 23.025)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

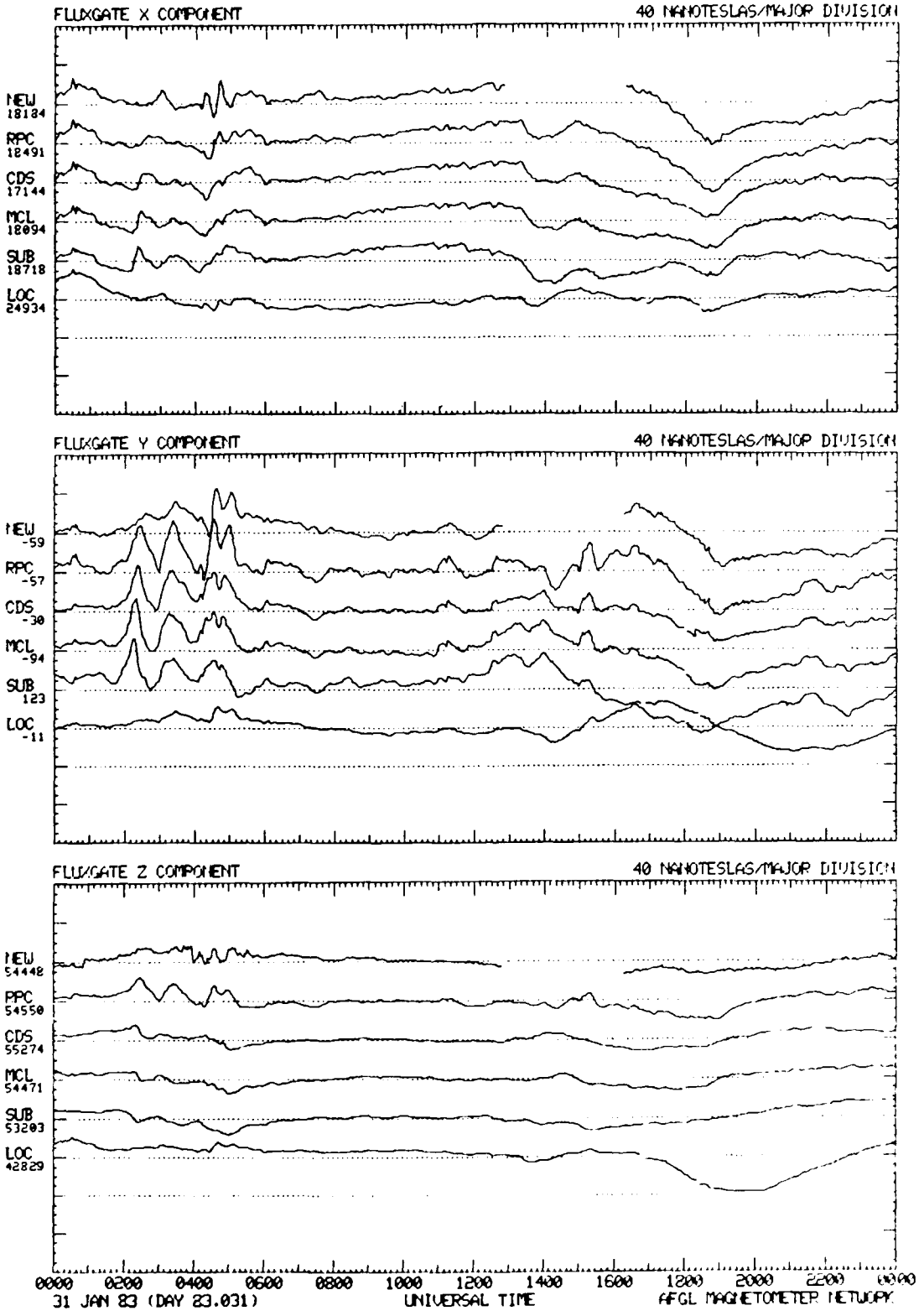

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEU
18193
PPC
18494
CDS
17148
MCL
18097
SUB
18722
LOC
24949
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
UNIVERSAL TIME

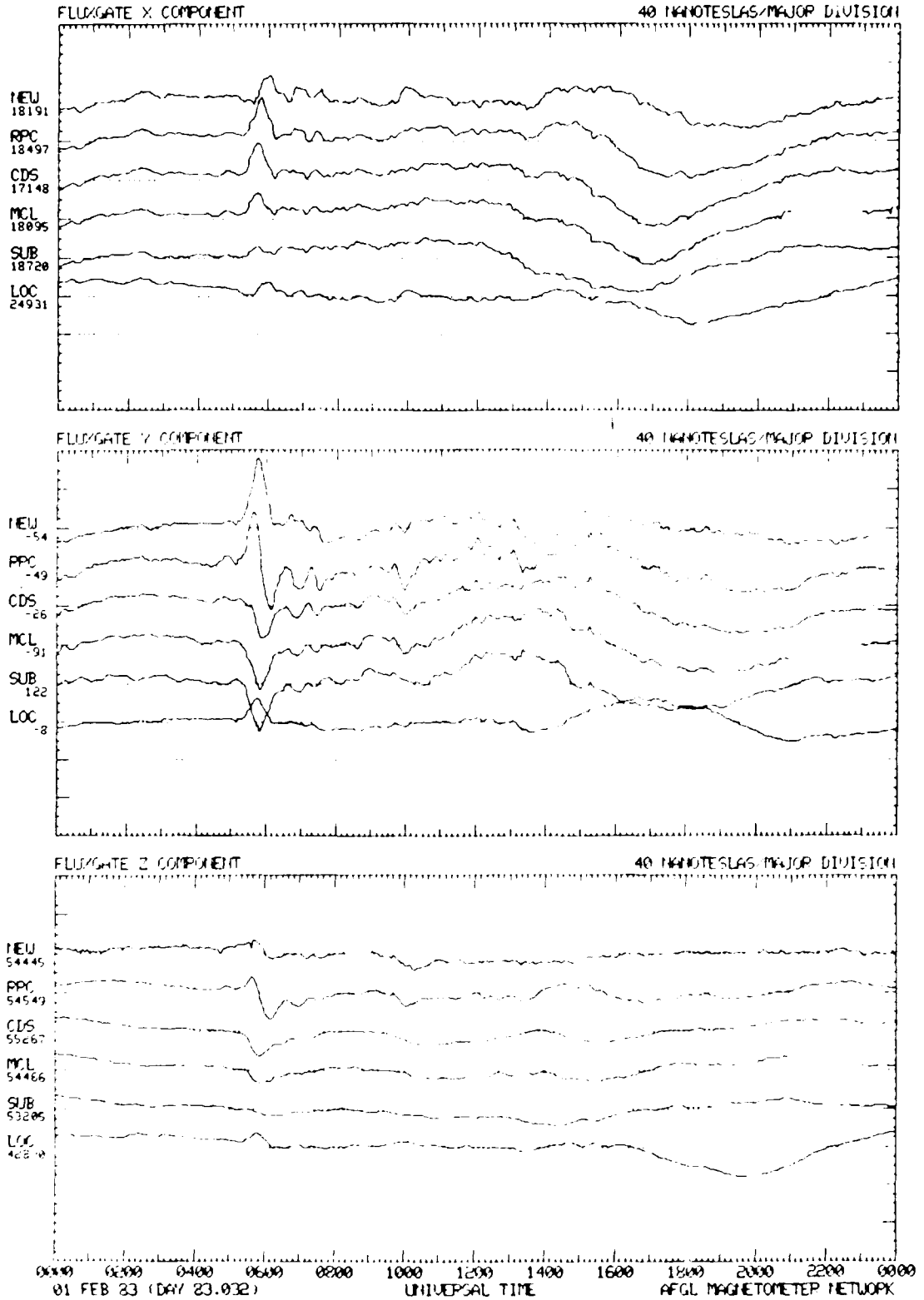

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18193
PPC
18496
CDS
17139
MCL
18097
SUB
18720
LOC
2494
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-5
PPC
-51
CDS
-26
MCL
-35
SUB
127
LOC
-10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54443
PPC
54552
CDS
55279
MCL
54467
SUB
51208
LOC
46840
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
2400
27 JAN 83 (DAY 23.027)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

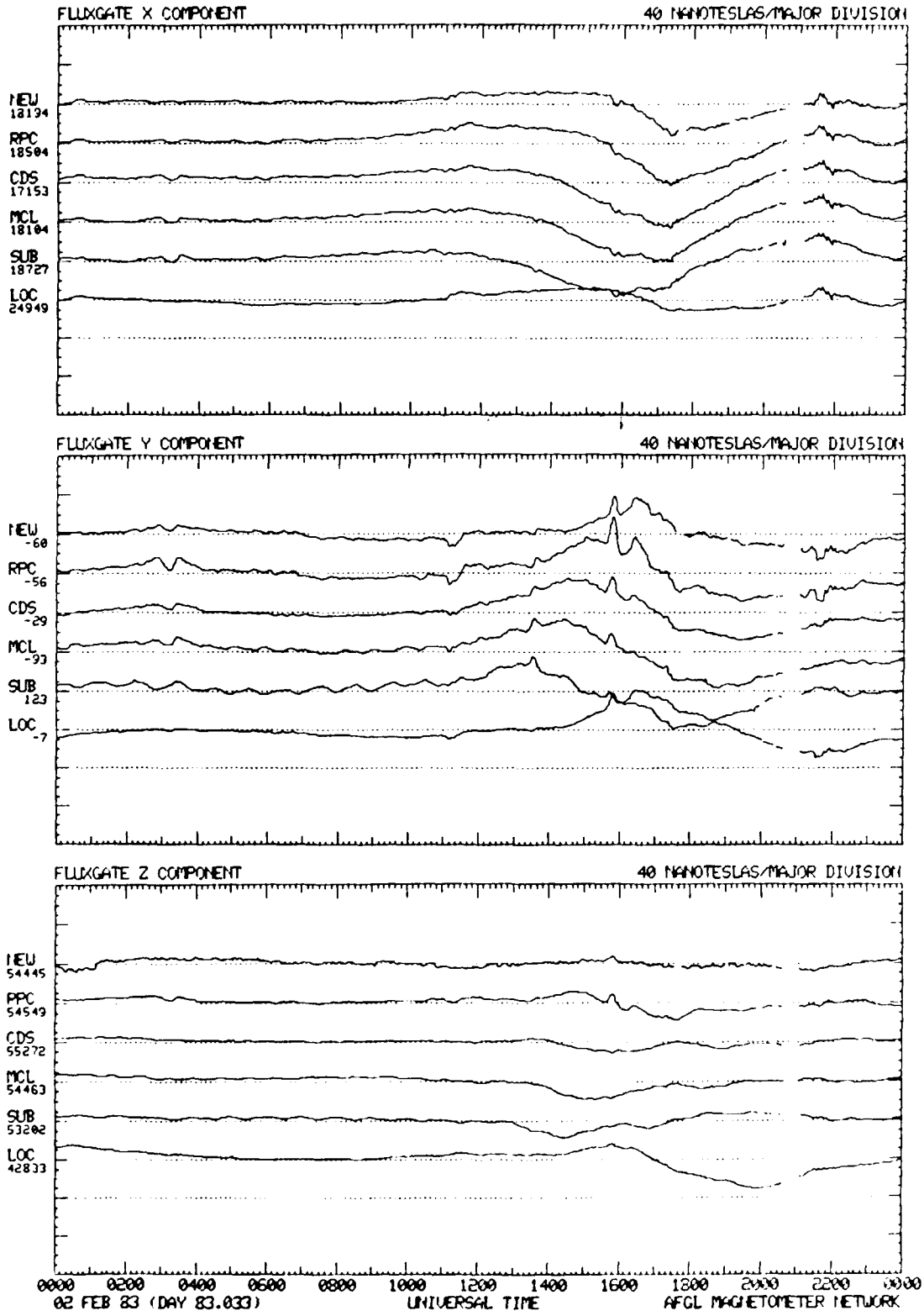

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12201
RPC
18511
CDS
17155
MCL
18105
SUB
18725
LOC
24947
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-50
RPC
-49
CDS
-23
MCL
-92
SUB
122
LOC
-8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54445
RPC
54549
CDS
55271
MCL
54463
SUB
53205
LOC
42836
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
28 JAN 83 (DAY 83.028)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

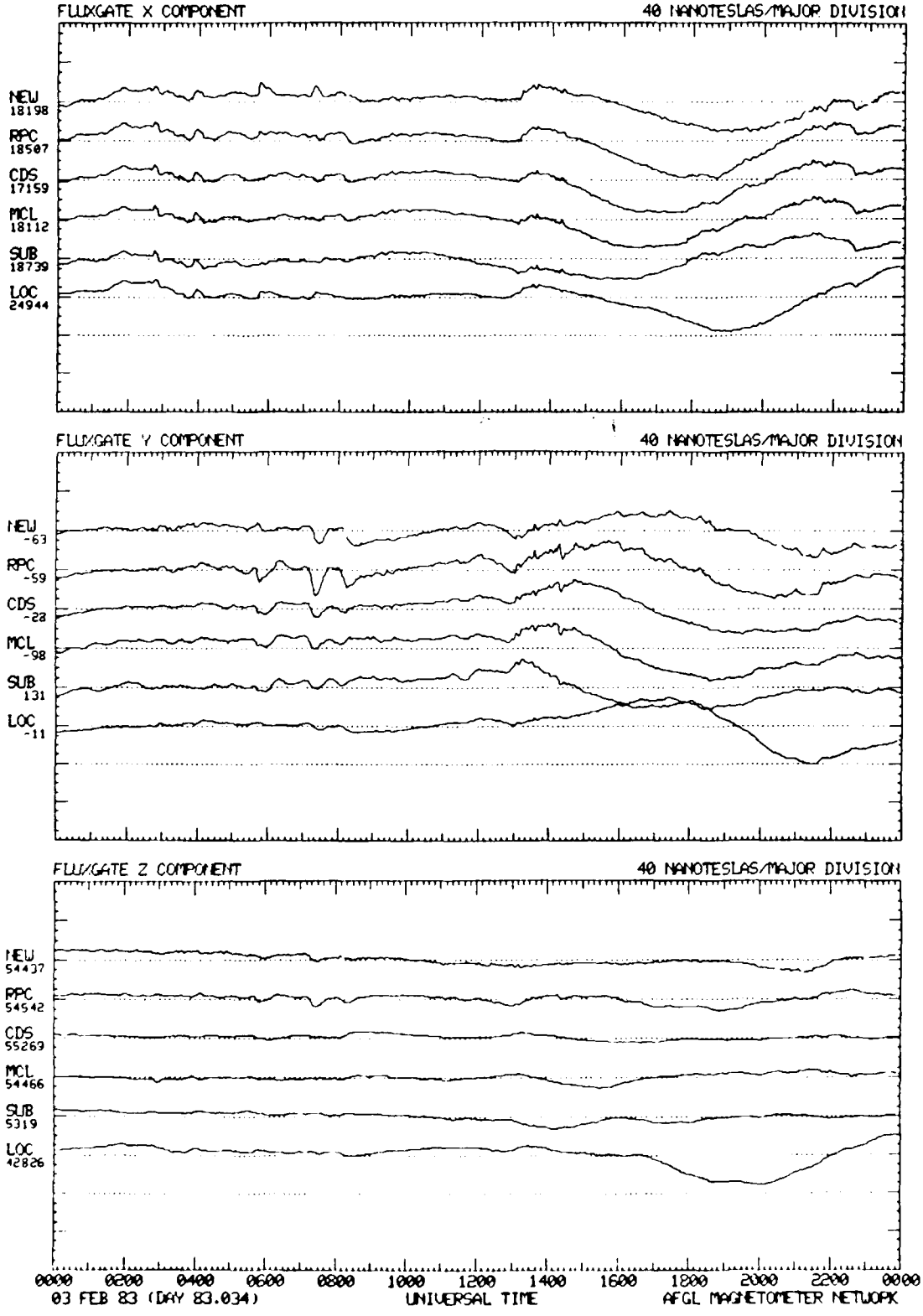

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18189
PPC 18501
CDS 17148
MCL 18095
SUB 1871
LOC 24941
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -69
PPC -59
CDS -26
MCL -100
SUB 120
LOC -14
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 5444
PPC 54558
CDS 55280
MCL 54473
SUB 53212
LOC 42835
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 JAN 83 (DAY 23.029)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

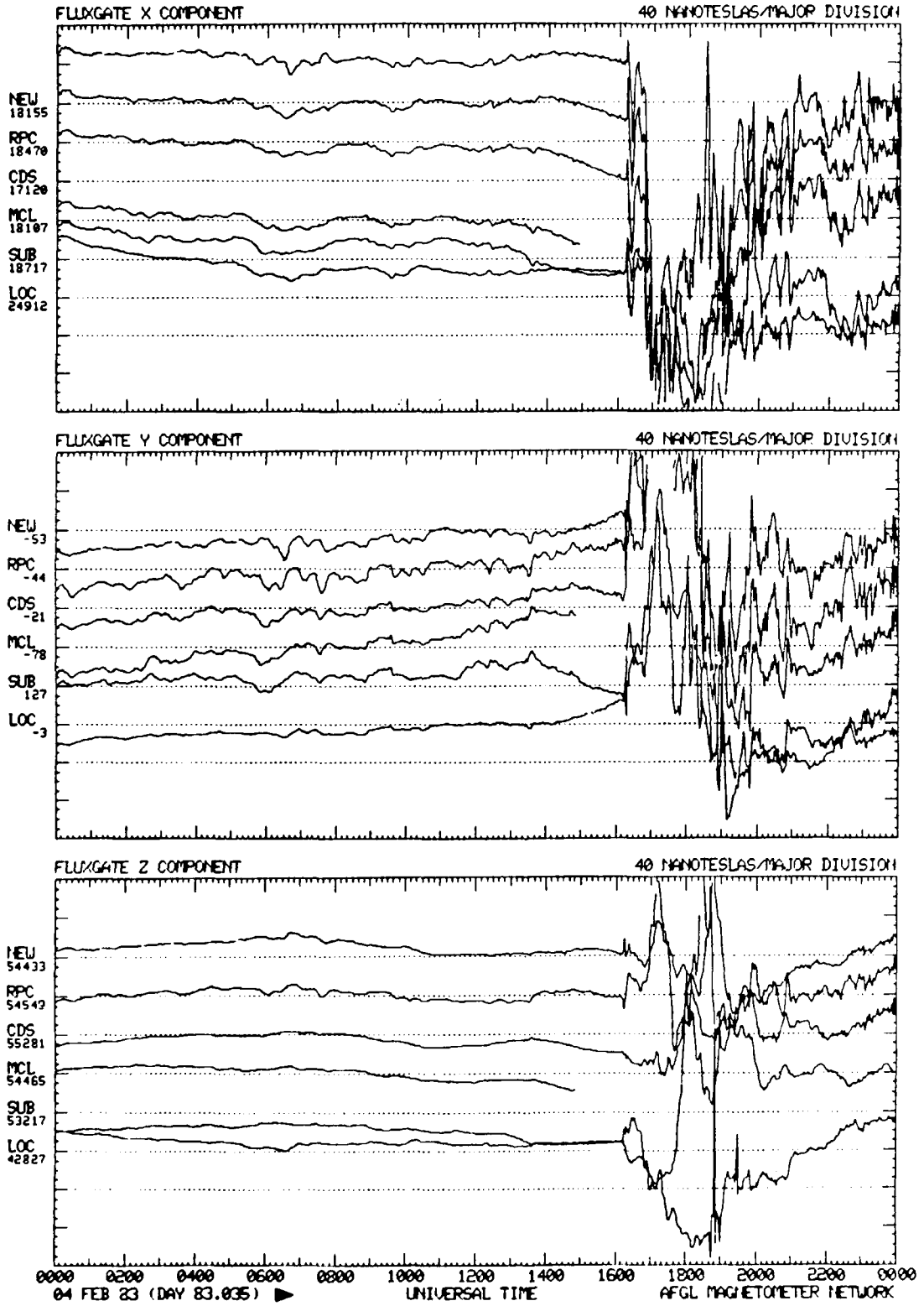

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18188
PPC 18498
CDS 17149
MCL 18095
SUB 18716
LOC 24939
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -57
RPC -51
CDS -23
MCL -92
SUB 123
LOC -12
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54437
PPC 54548
CDS 55270
MCL 54465
SUB 53203
LOC 42834
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 JAN 83 (DAY 83.030)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

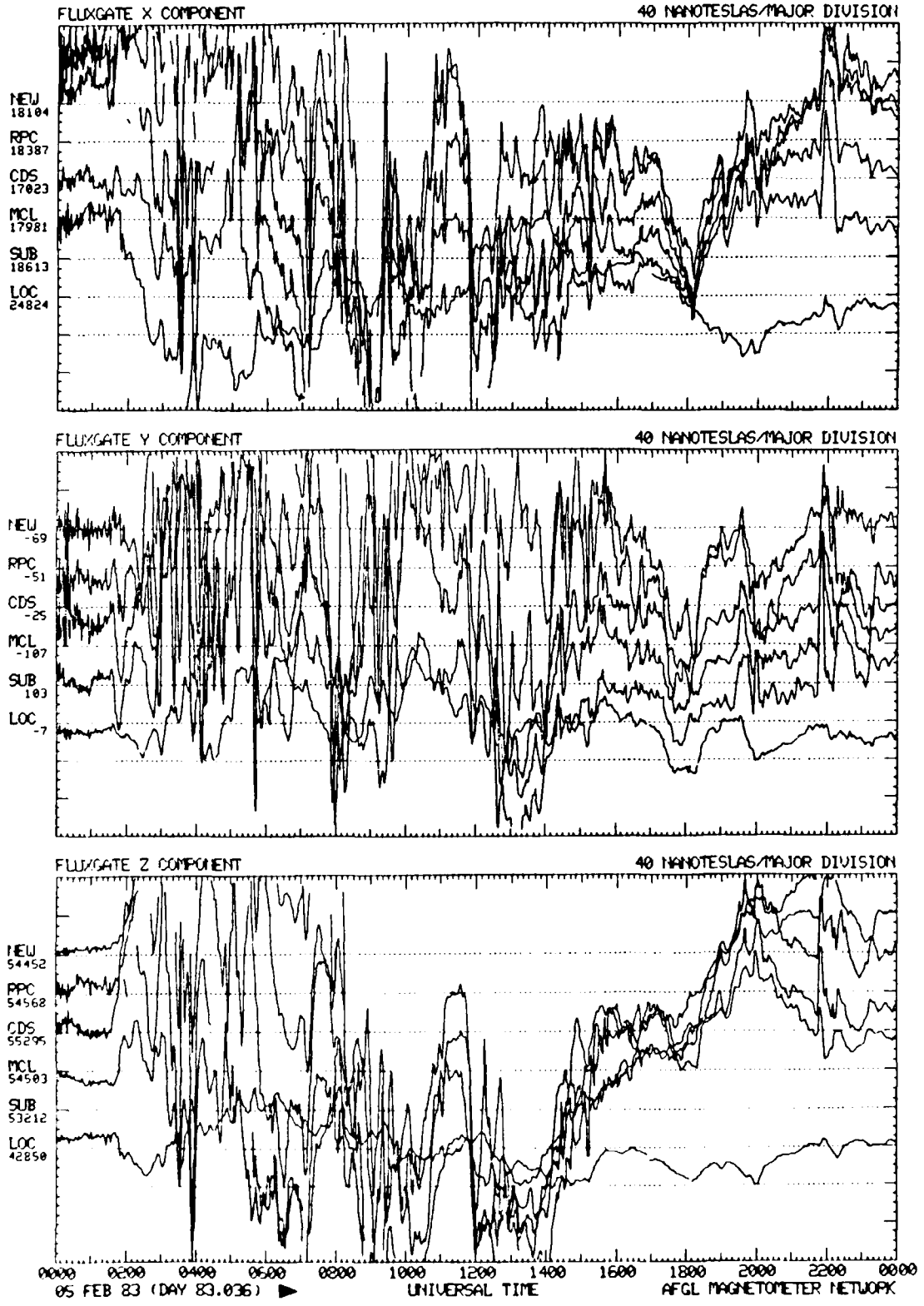

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18184
RPC
18491
CDS
17144
MCL
18094
SUB
18718
LOC
24934
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-59
RPC
-57
CDS
-30
MCL
-94
SUB
123
LOC
-11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54448
PPC
54550
CDS
55274
MCL
54471
SUB
53203
LOC
42829
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
31 JAN 83 (DAY 83.031)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

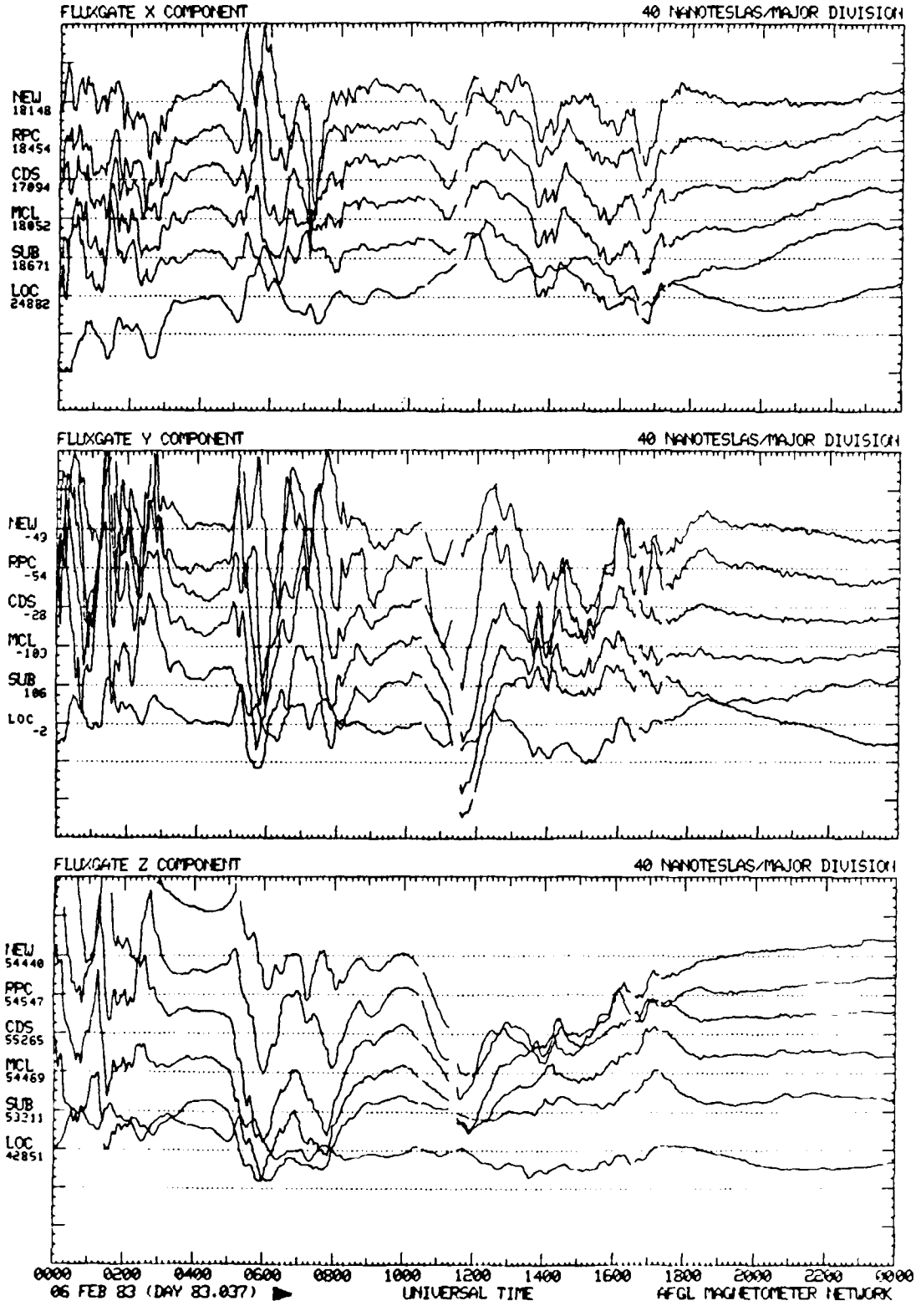

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18191
RPC
18497
CDS
17148
MCL
18095
SUB
18720
LOC
24931
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-54
RPC
-49
CDS
-26
MCL
-91
SUB
122
LOC
-8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54445
RPC
54549
CDS
55267
MCL
54466
SUB
53205
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
01 FEB 83 (DAY 83.032)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

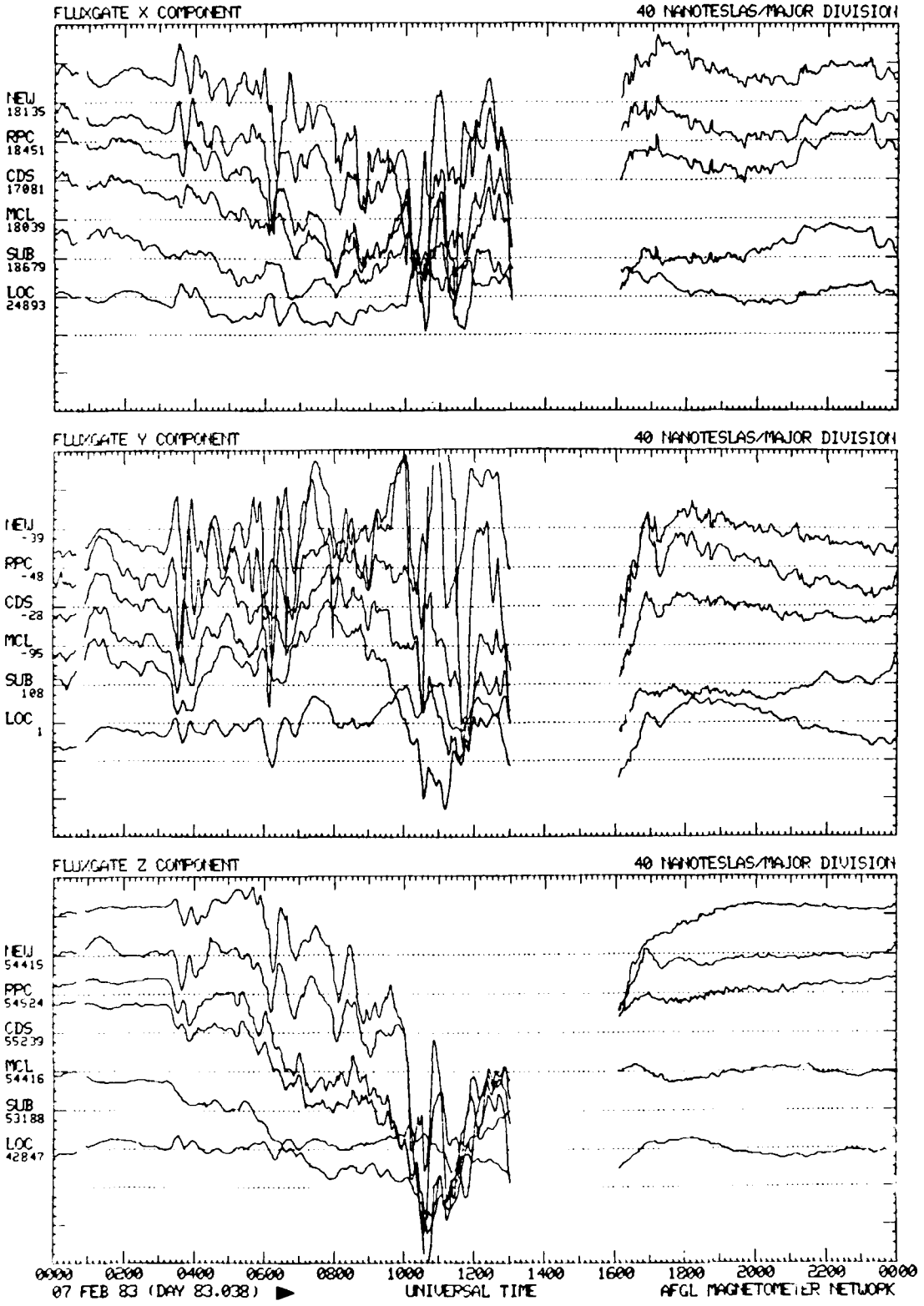

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18194
RPC
18504
CDS
17153
MCL
18104
SUB
18727
LOC
24949
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-60
RPC
-56
CDS
-29
MCL
-93
SUB
123
LOC
-7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54445
PPC
54549
CDS
55272
MCL
54463
SUB
53202
LOC
42833
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 FEB 83 (DAY 83.033)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

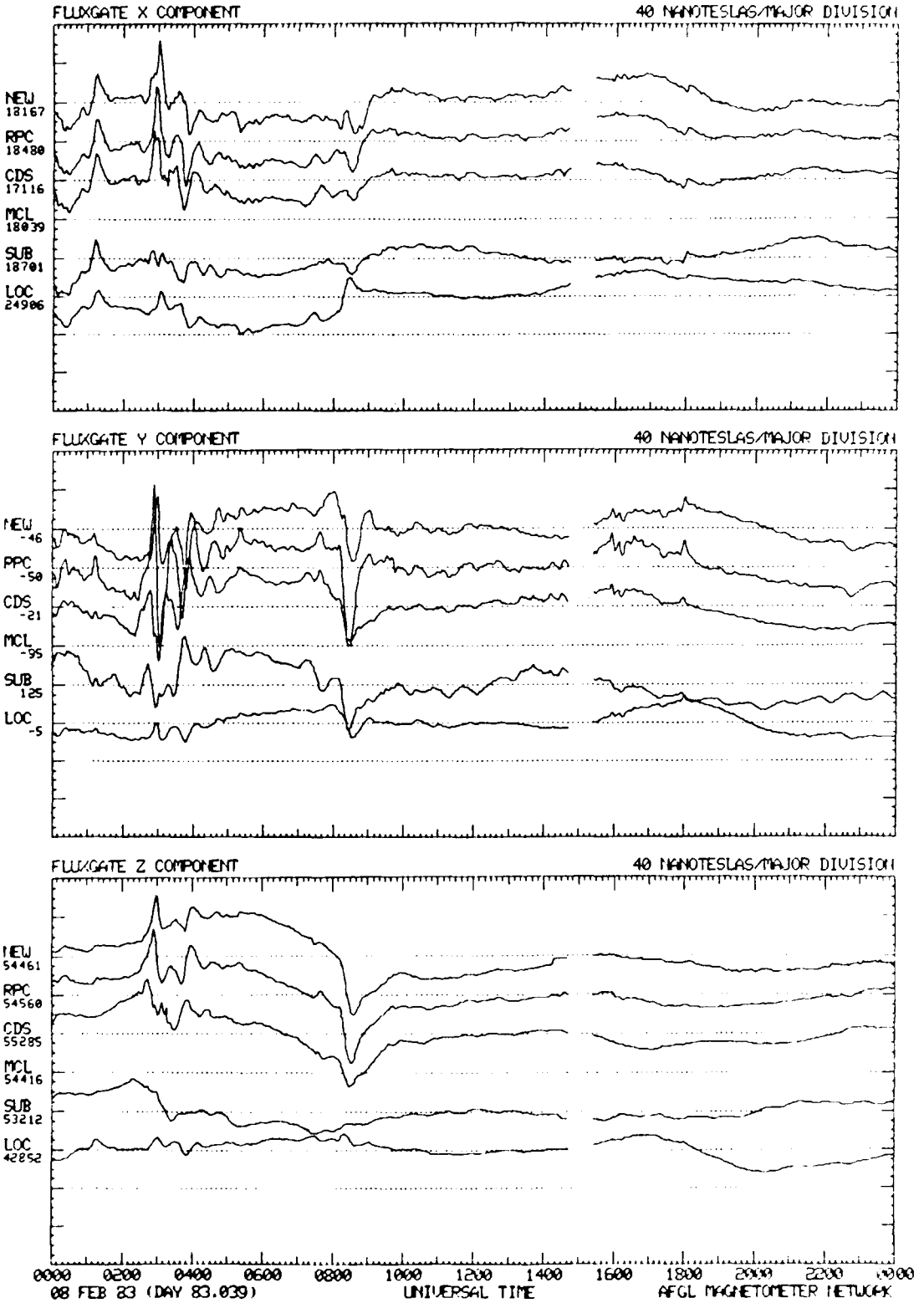

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18198
RPC
18507
CDS
17159
MCL
18112
SUB
18739
LOC
24944
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-63
RPC
-59
CDS
-28
MCL
-98
SUB
131
LOC
-11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54437
RPC
54542
CDS
55269
MCL
54466
SUB
5319
LOC
42826
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
03 FEB 83 (DAY 83.034)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

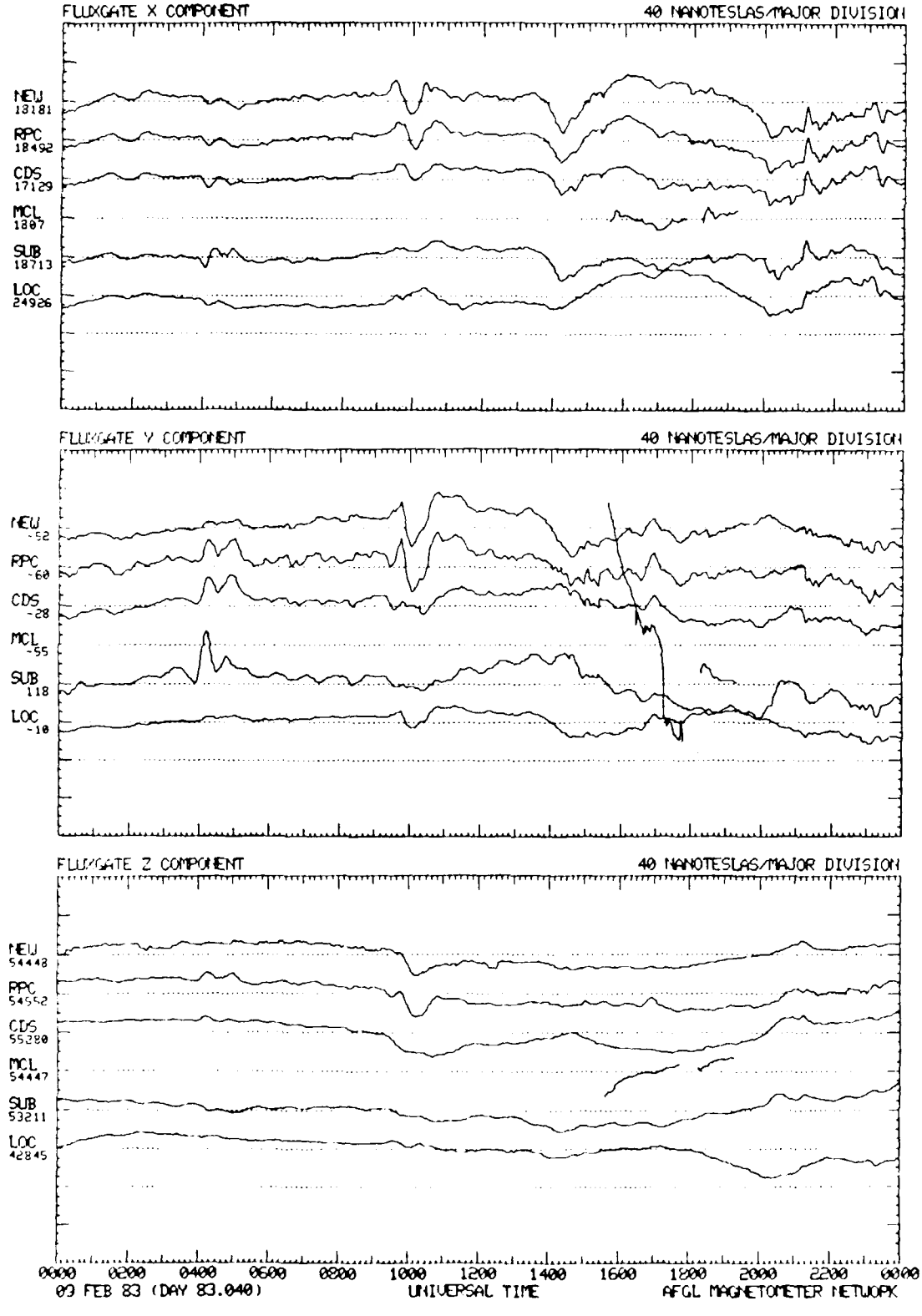

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18155
RPC
18470
CDS
17120
MCL
18107
SUB
18717
LOC
24912
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-53
RPC
-44
CDS
-21
MCL
-78
SUB
127
LOC
-3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54433
RPC
54549
CDS
55281
MCL
54465
SUB
53217
LOC
42827
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 FEB 83 (DAY 83.035)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

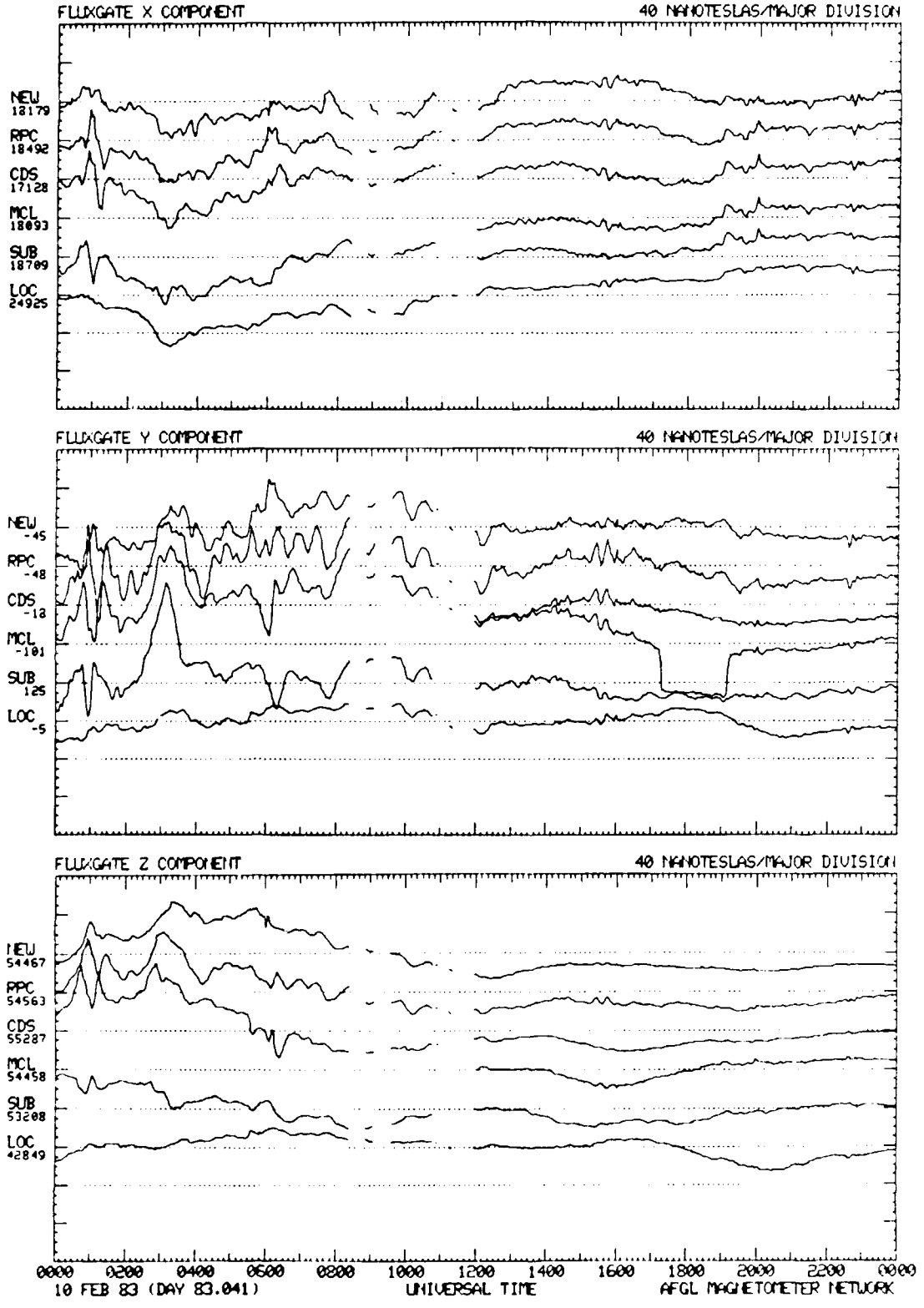

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18104
RPC
18387
CDS
17023
MCL
17981
SUB
18613
LOC
24824
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-69
RPC
-51
CDS
-25
MCL
-107
SUB
103
LOC
-7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54452
RPC
54568
CDS
55295
MCL
54503
SUB
53212
LOC
42850
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
05 FEB 83 (DAY 83.036)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

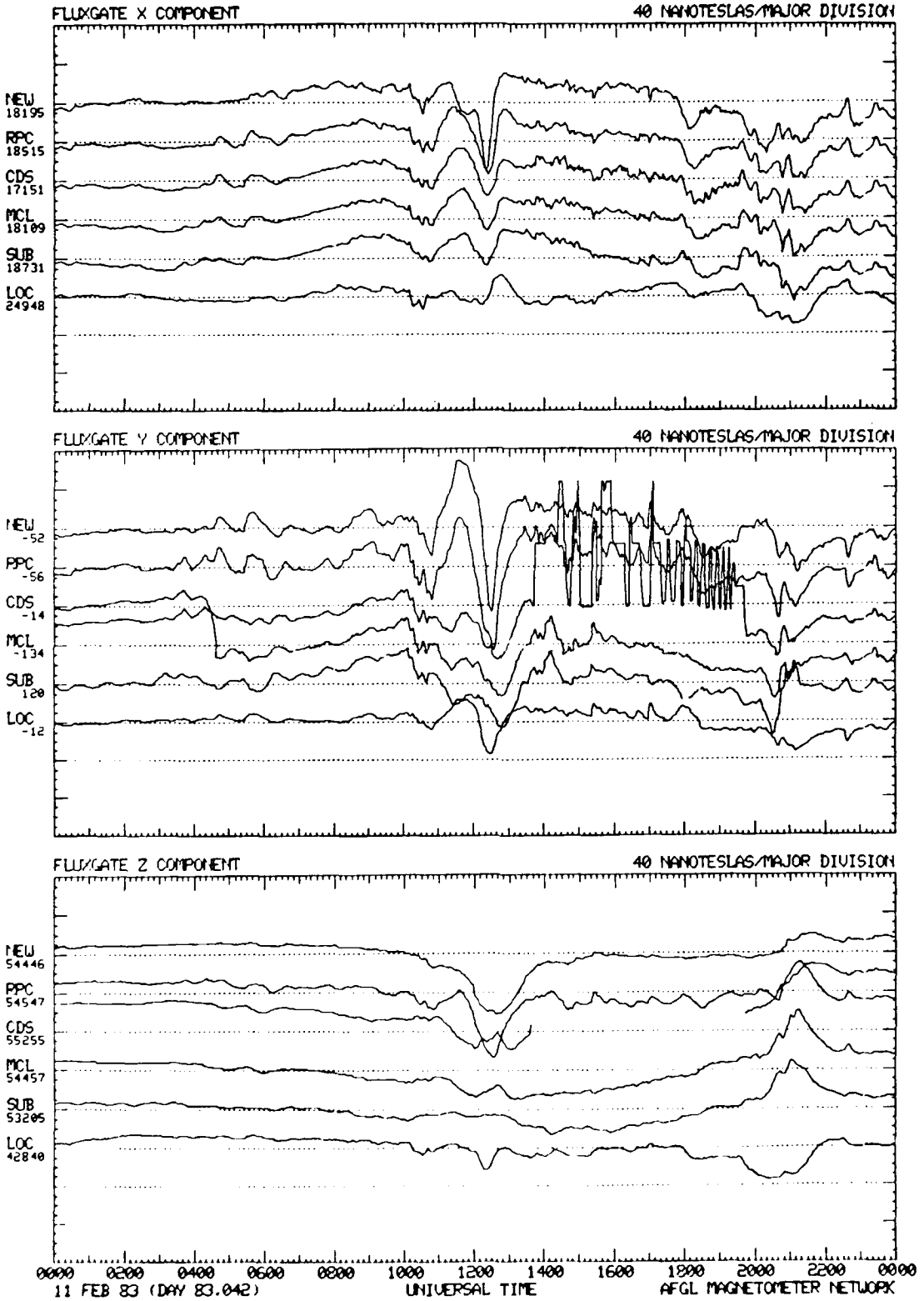

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18148
RPC 18454
CDS 17094
MCL 18052
SUB 18671
LOC 24882
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -49
RPC -54
CDS -28
MCL -100
SUB 106
LOC -2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54440
RPC 54547
CDS 55265
MCL 54469
SUB 53211
LOC 42851
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 FEB 83 (DAY 83.037)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

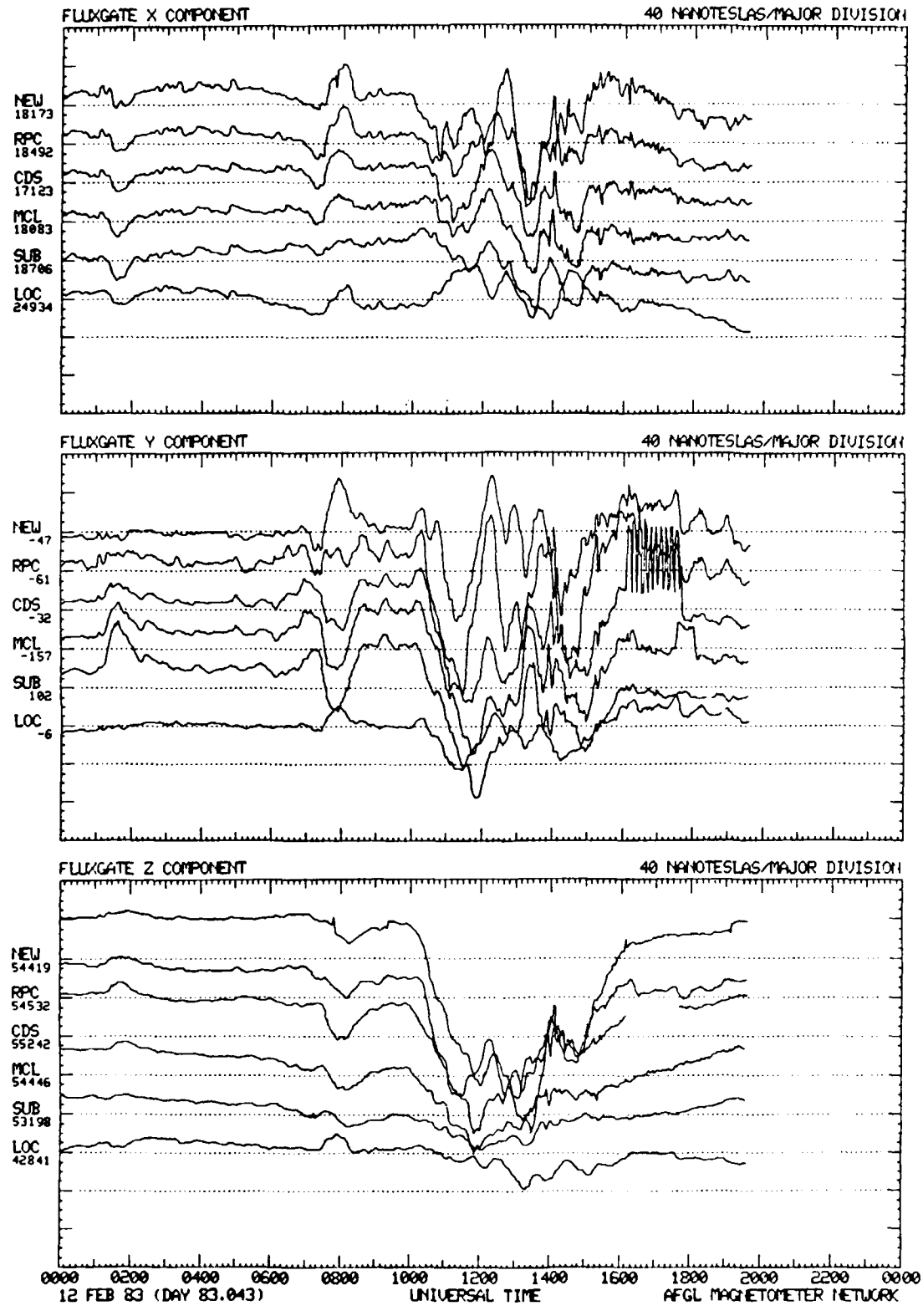

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18135
RPC 18451
CDS 17081
MCL 18039
SUB 18679
LOC 24893
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -39
RPC -48
CDS -28
MCL -95
SUB 108
LOC 1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54415
RPC 54524
CDS 55239
MCL 54416
SUB 53188
LOC 42847
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 FEB 83 (DAY 83.038)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

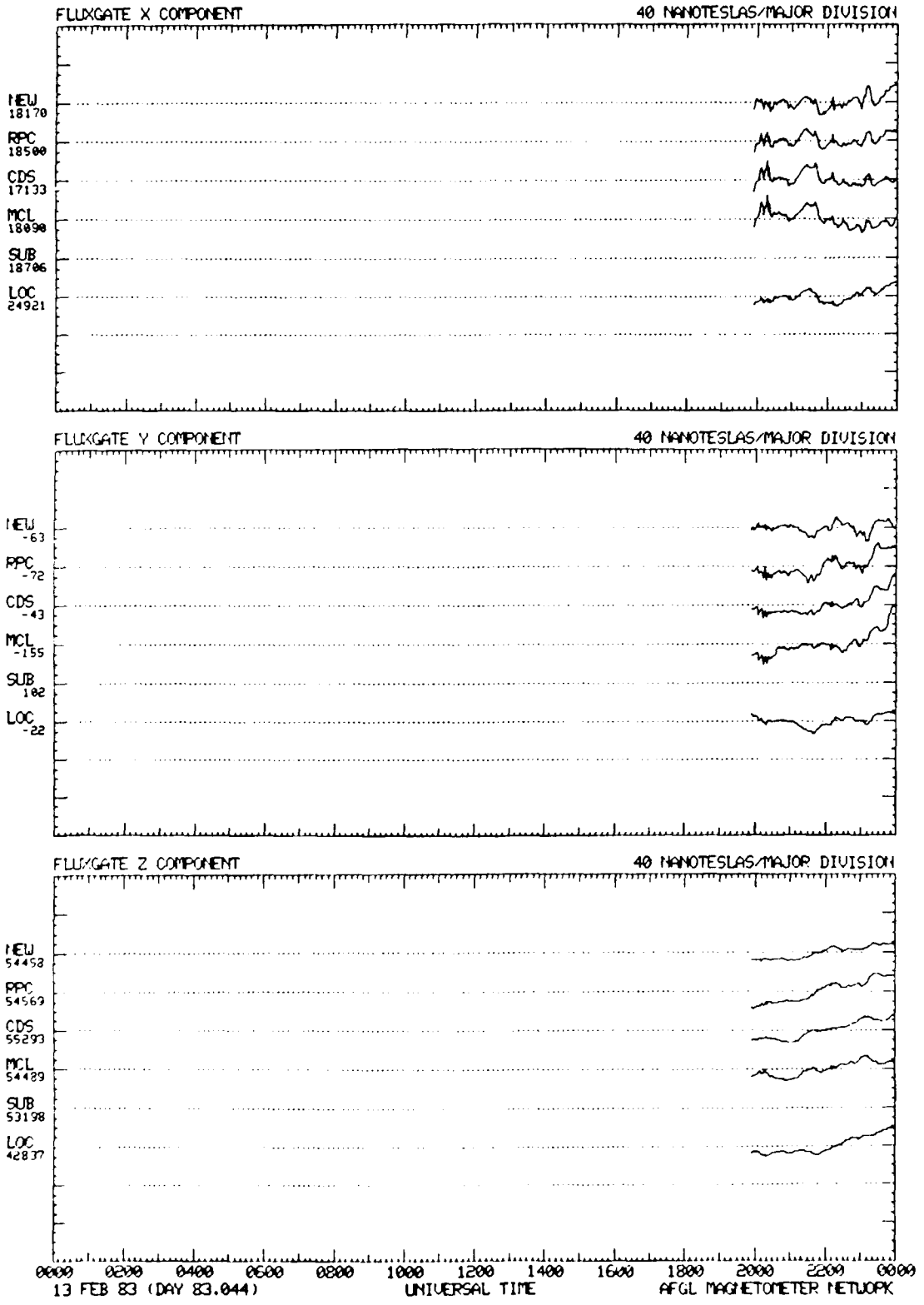

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18167
RPC 18480
CDS 17116
MCL 18039
SUB 18701
LOC 24986
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -46
PPC -50
CDS -21
MCL -95
SUB 125
LOC -5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54461
RPC 54560
CDS 55285
MCL 54416
SUB 53212
LOC 42852
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 FEB 83 (DAY 83.039)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

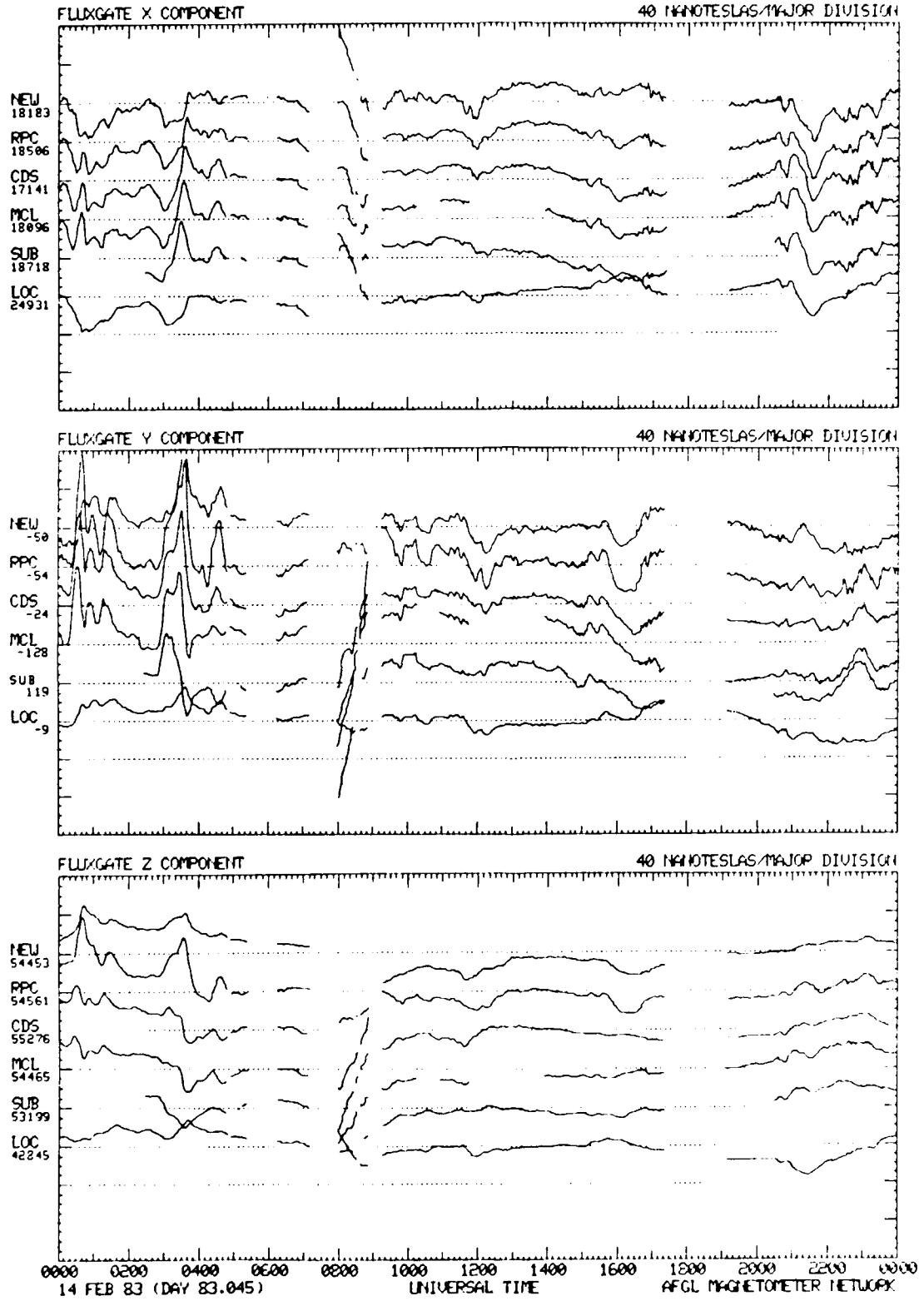

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18181
RPC
18492
CDS
17129
MCL
1807
SUB
18713
LOC
24926
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-52
RPC
-60
CDS
-28
MCL
-55
SUB
118
LOC
-10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54448
RPC
54562
CDS
55280
MCL
54447
SUB
53211
LOC
42845
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 FEB 83 (DAY 83.040)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

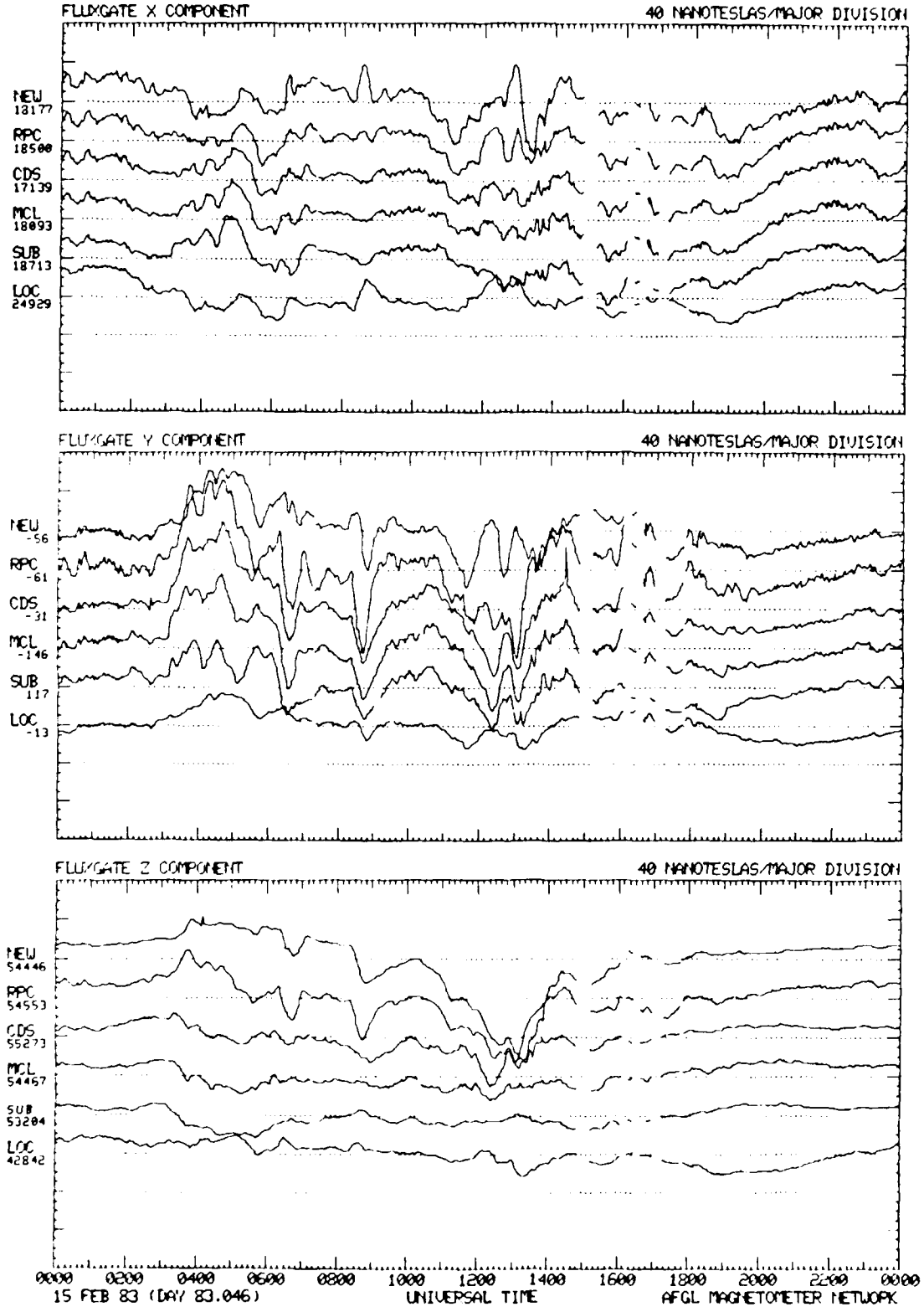

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18179
RPC 18492
CDS 17128
MCL 18093
SUB 18709
LOC 24925
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -45
RPC -48
CDS -13
MCL -101
SUB 125
LOC -5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54467
RPC 54563
CDS 55287
MCL 54458
SUB 53208
LOC 42849
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 FEB 83 (DAY 83.041)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

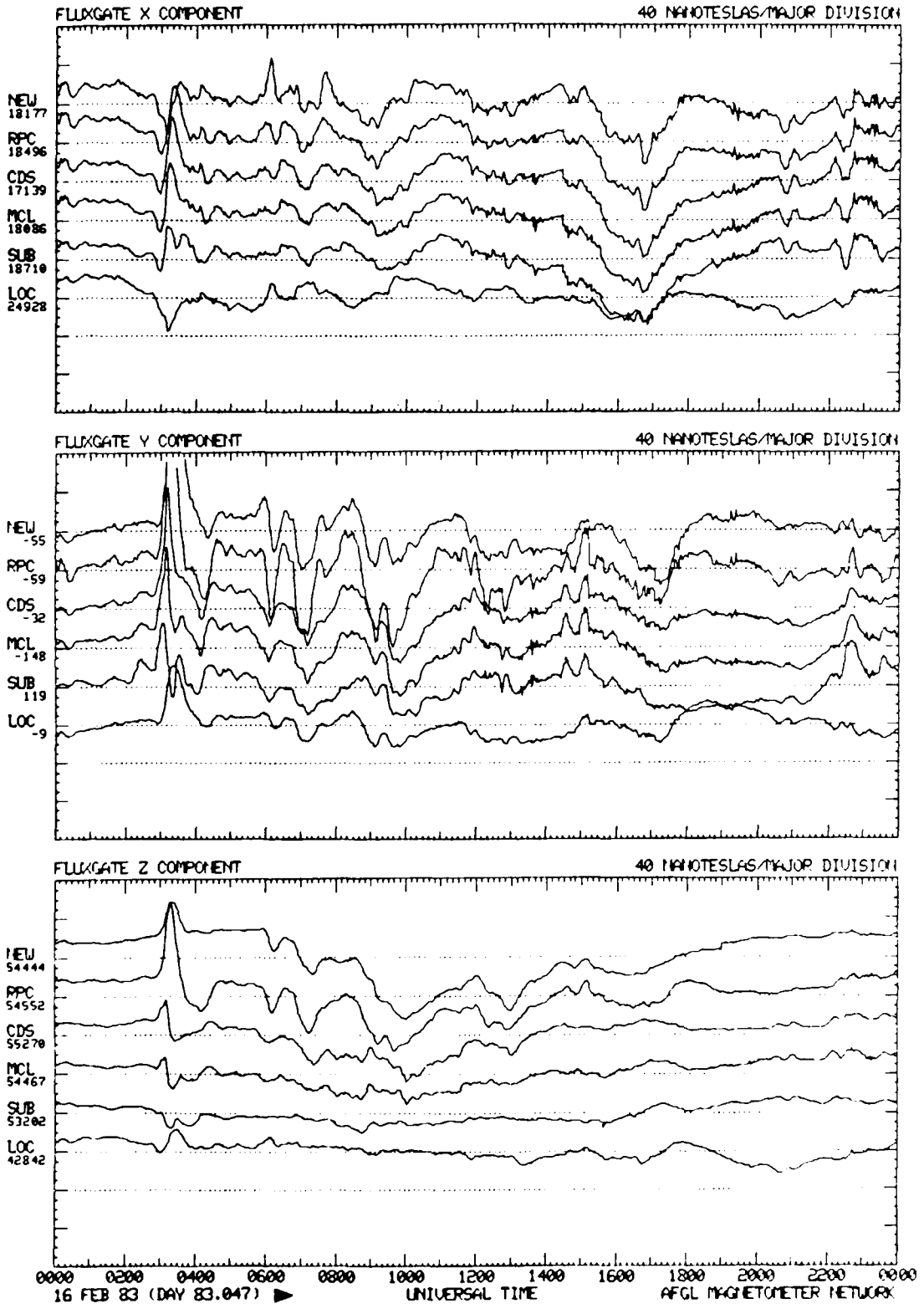

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18195
RPC
18515
CDS
17151
MCL
18109
SUB
18731
LOC
24948
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-52
PPC
-56
CDS
-14
MCL
-134
SUB
120
LOC
-12
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54446
PPC
54547
CDS
55255
MCL
54457
SUB
53205
LOC
42840
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 FEB 83 (DAY 83.042)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

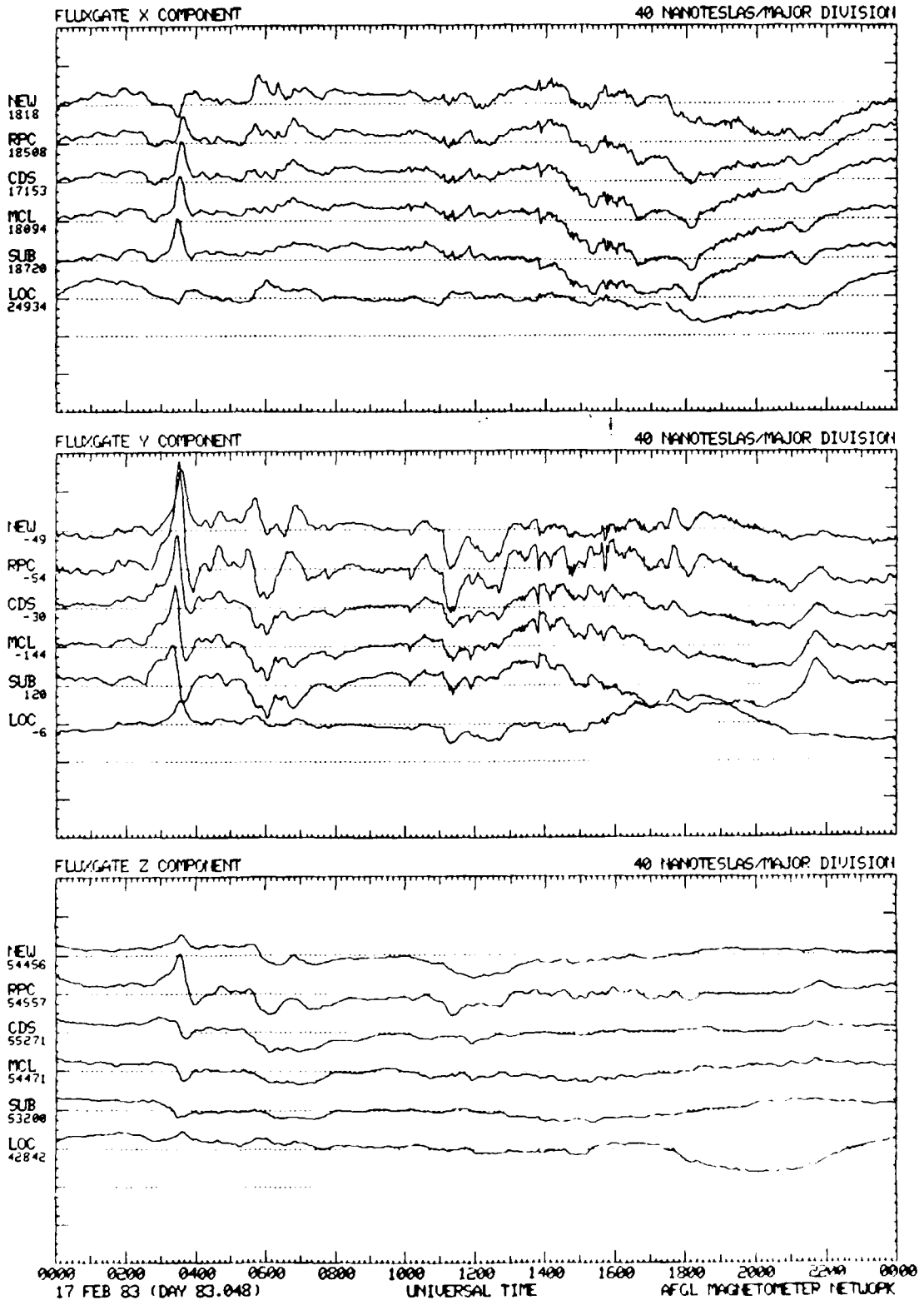

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18173
RPC 18492
CDS 17123
MCL 18083
SUB 18706
LOC 24934
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -47
RPC -61
CDS -32
MCL -157
SUB 102
LOC -6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54419
RPC 54532
CDS 55242
MCL 54446
SUB 53198
LOC 42841
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 FEB 83 (DAY 83.043)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

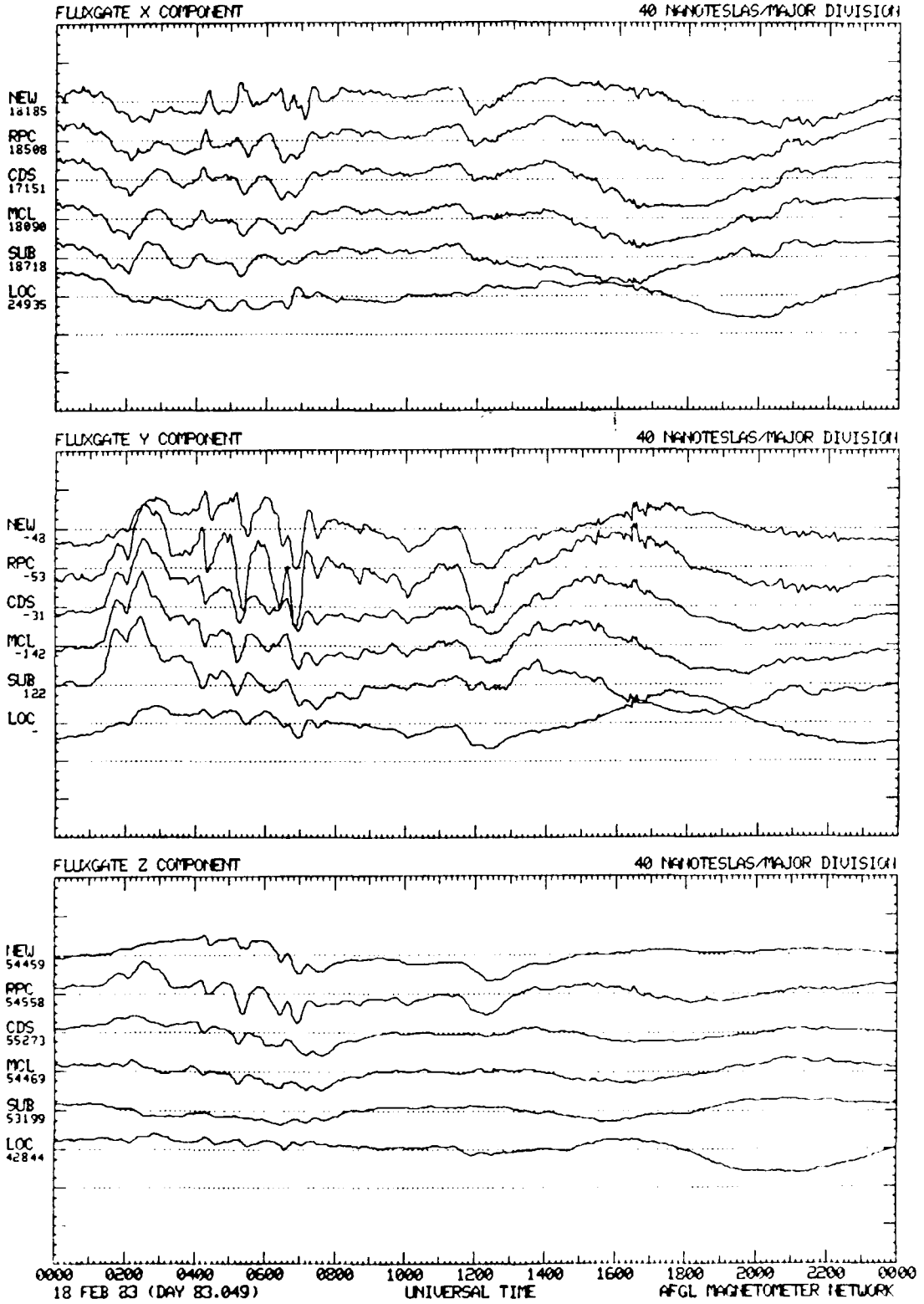

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18170
RPC
18500
CDS
17133
MCL
18090
SUB
18706
LOC
24921
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-63
RPC
-72
CDS
-43
MCL
-155
SUB
102
LOC
-22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54458
RPC
54569
CDS
55293
MCL
54489
SUB
53198
LOC
42837
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 FEB 83 (DAY 83.044)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

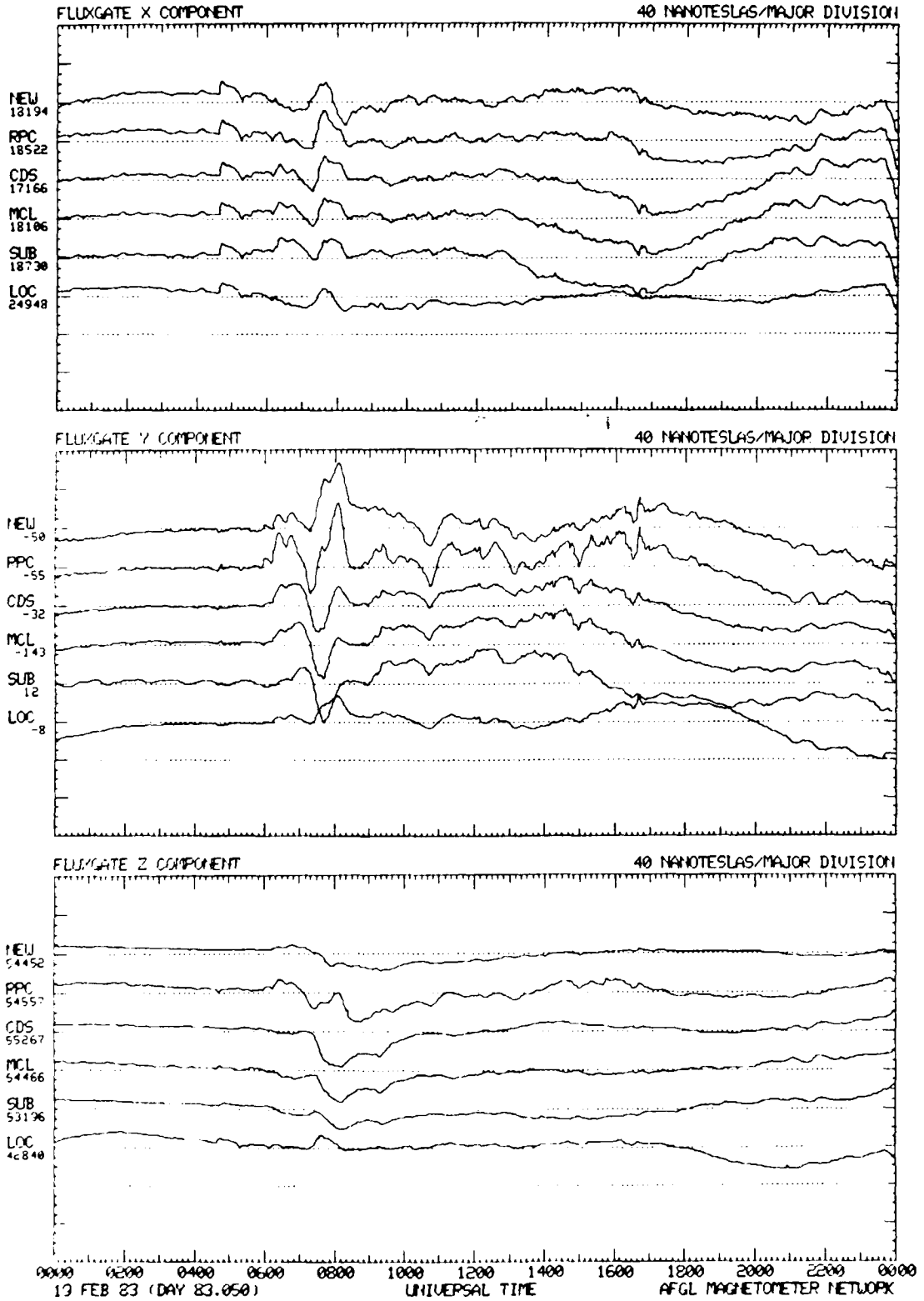

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18183
RPC 18506
CDS 17141
MCL 18096
SUB 18718
LOC 24931
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -50
RPC -54
CDS -24
MCL -128
SUB 119
LOC -9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54453
RPC 54561
CDS 55276
MCL 54465
SUB 53199
LOC 42245
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 FEB 83 (DAY 83.045)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

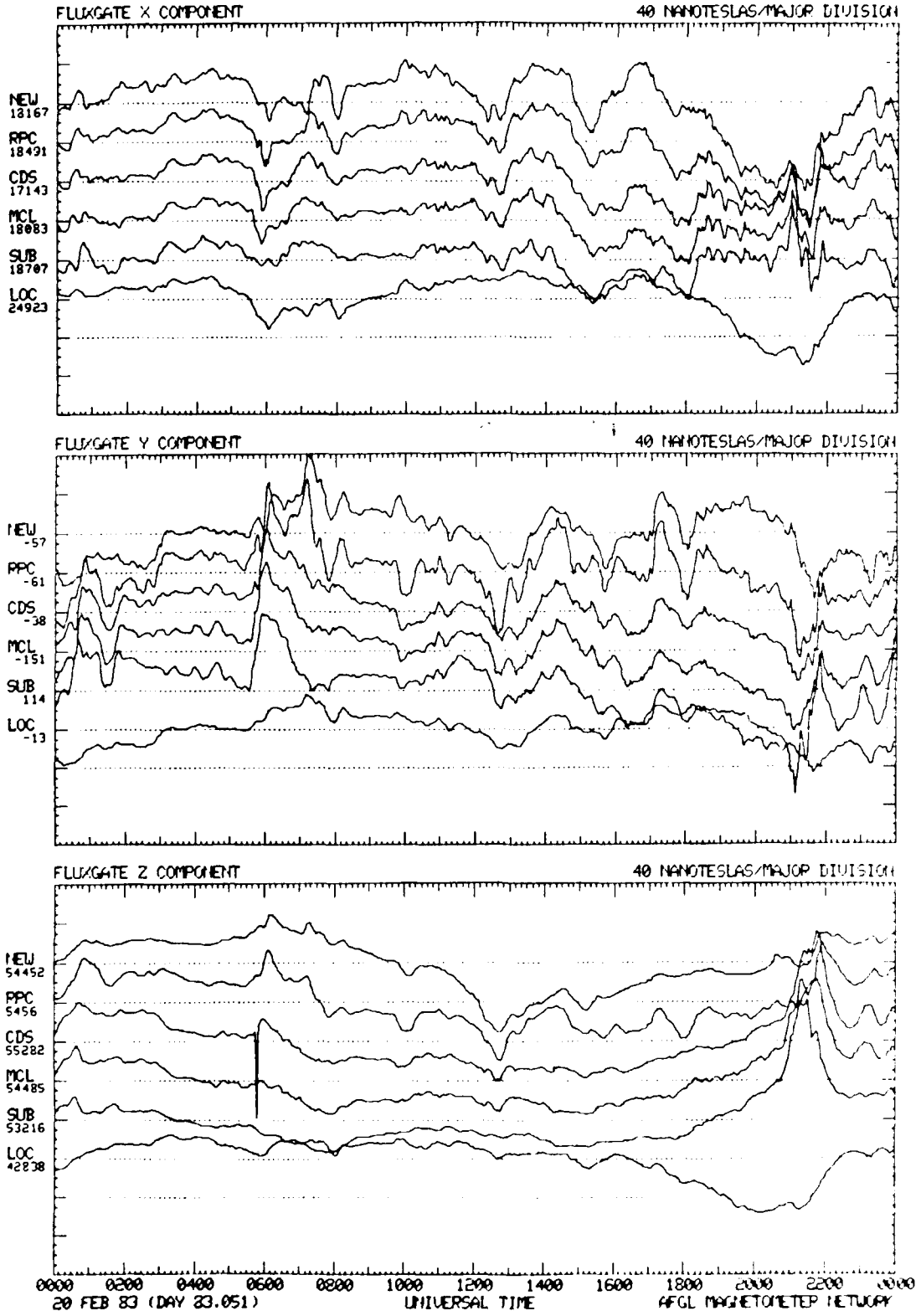

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18177
RPC
18500
CDS
17139
MCL
18093
SUB
18713
LOC
24929
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-56
RPC
-61
CDS
-31
MCL
-146
SUB
117
LOC
-13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54446
RPC
54553
CDS
55273
MCL
54467
SUB
53204
LOC
42842
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 FEB 83 (DAY 83.046)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

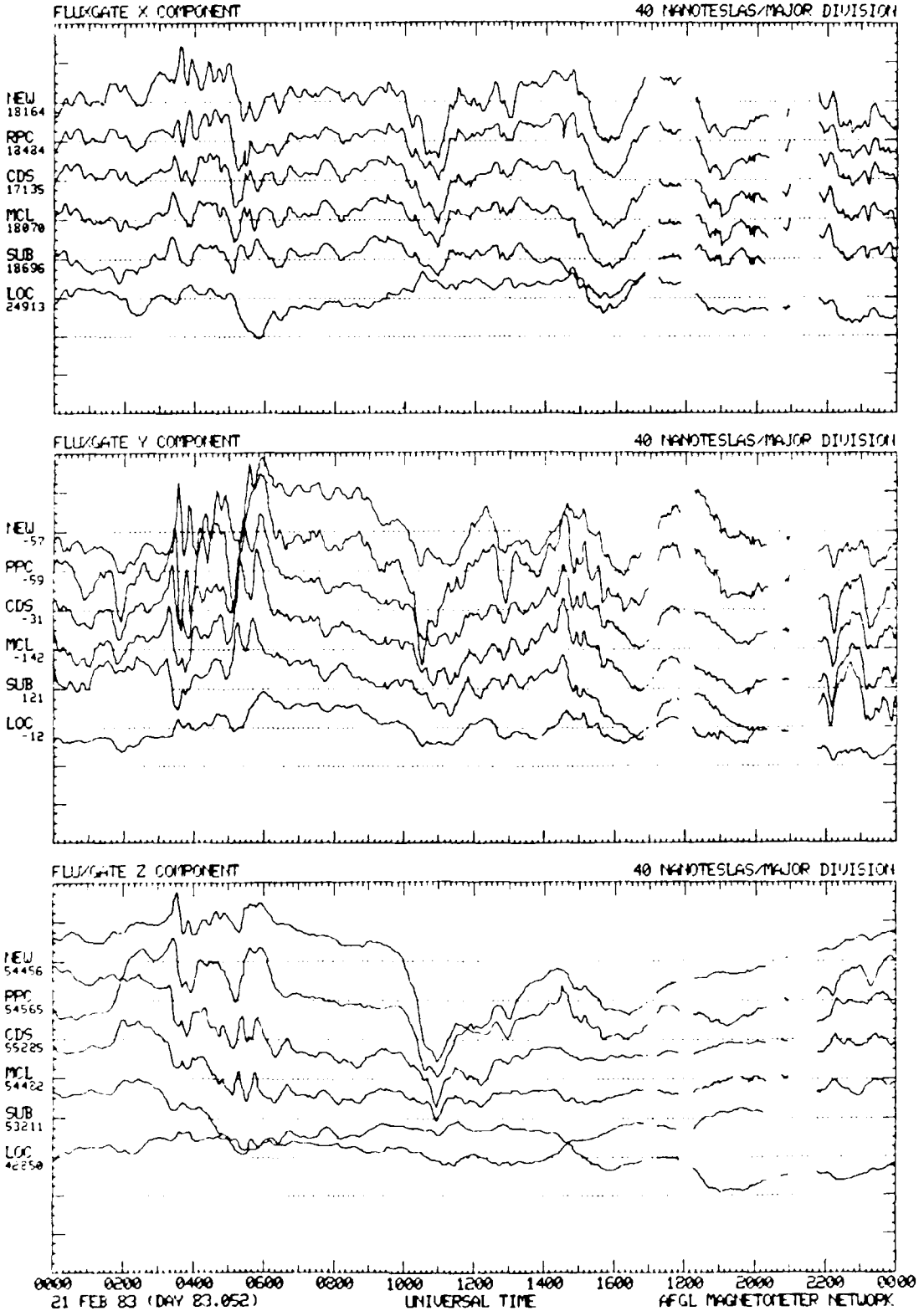

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18177
RPC 18496
CDS 17139
MCL 18086
SUB 18710
LOC 24928
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -55
RPC -59
CDS -32
MCL -148
SUB 119
LOC -9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54444
RPC 54552
CDS 55270
MCL 54467
SUB 53202
LOC 42842
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 FEB 83 (DAY 83.047)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

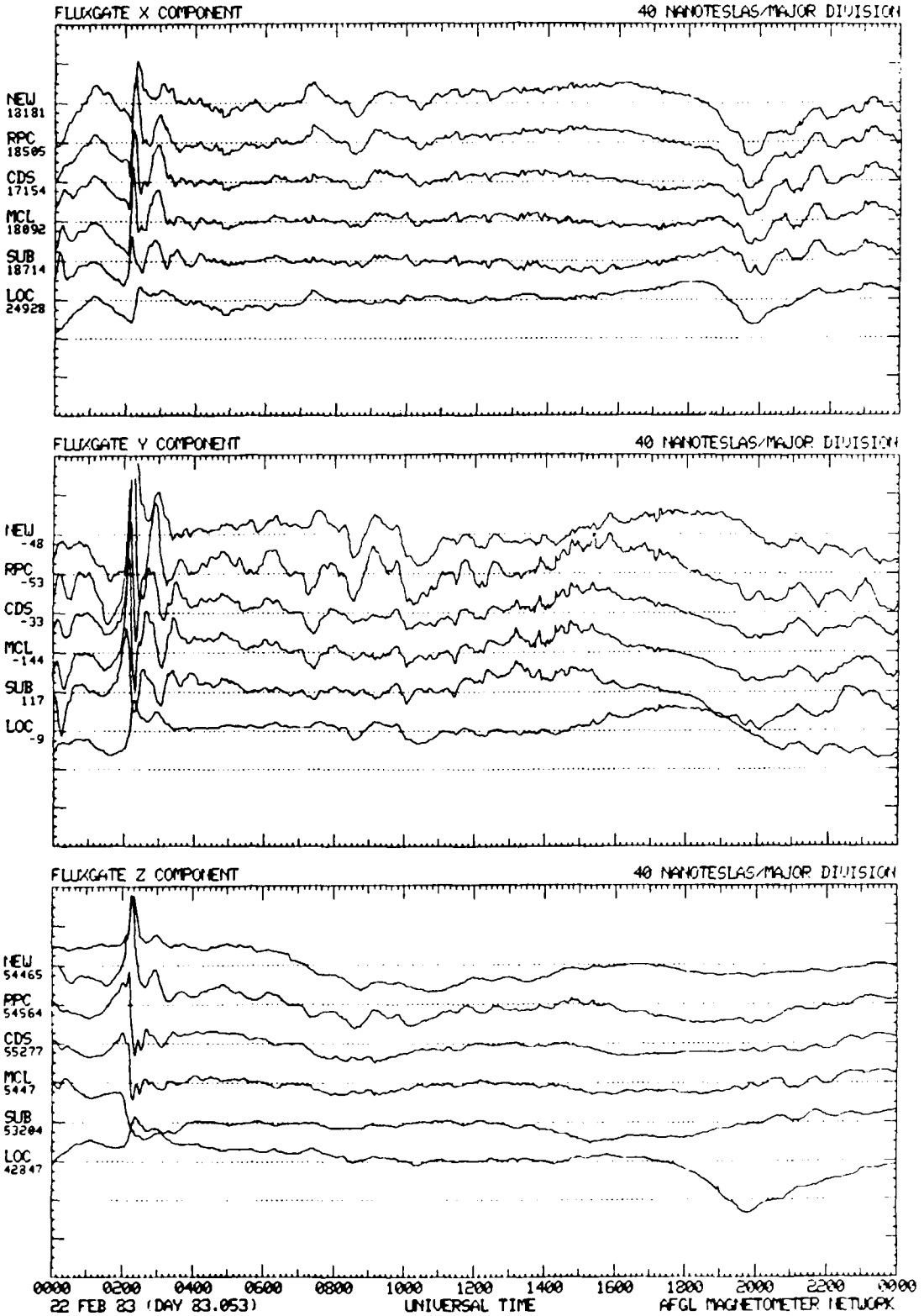

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1818
RPC
18508
CDS
17153
MCL
18094
SUB
18720
LOC
24934
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-49
RPC
-54
CDS
-30
MCL
-144
SUB
120
LOC
-6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54456
RPC
54557
CDS
55271
MCL
54471
SUB
53200
LOC
42842
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2400
0000
17 FEB 83 (DAY 83.048)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

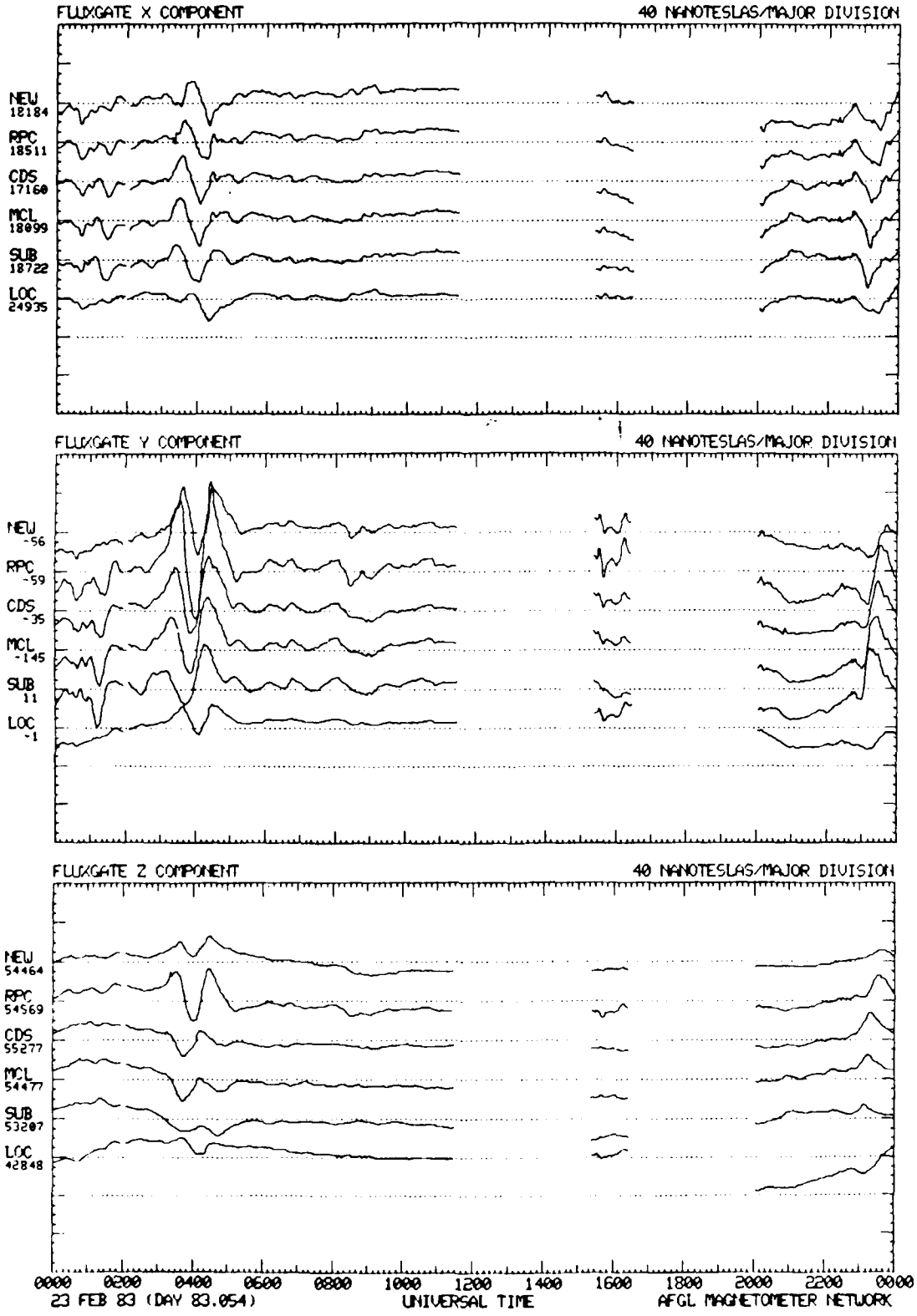

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18185
RPC
18508
CDS
17151
MCL
18090
SUB
18718
LOC
24935
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-48
RPC
-53
CDS
-31
MCL
-142
SUB
122
LOC
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54459
RPC
54558
CDS
55273
MCL
54469
SUB
53199
LOC
42844
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 FEB 83 (DAY 83.049)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

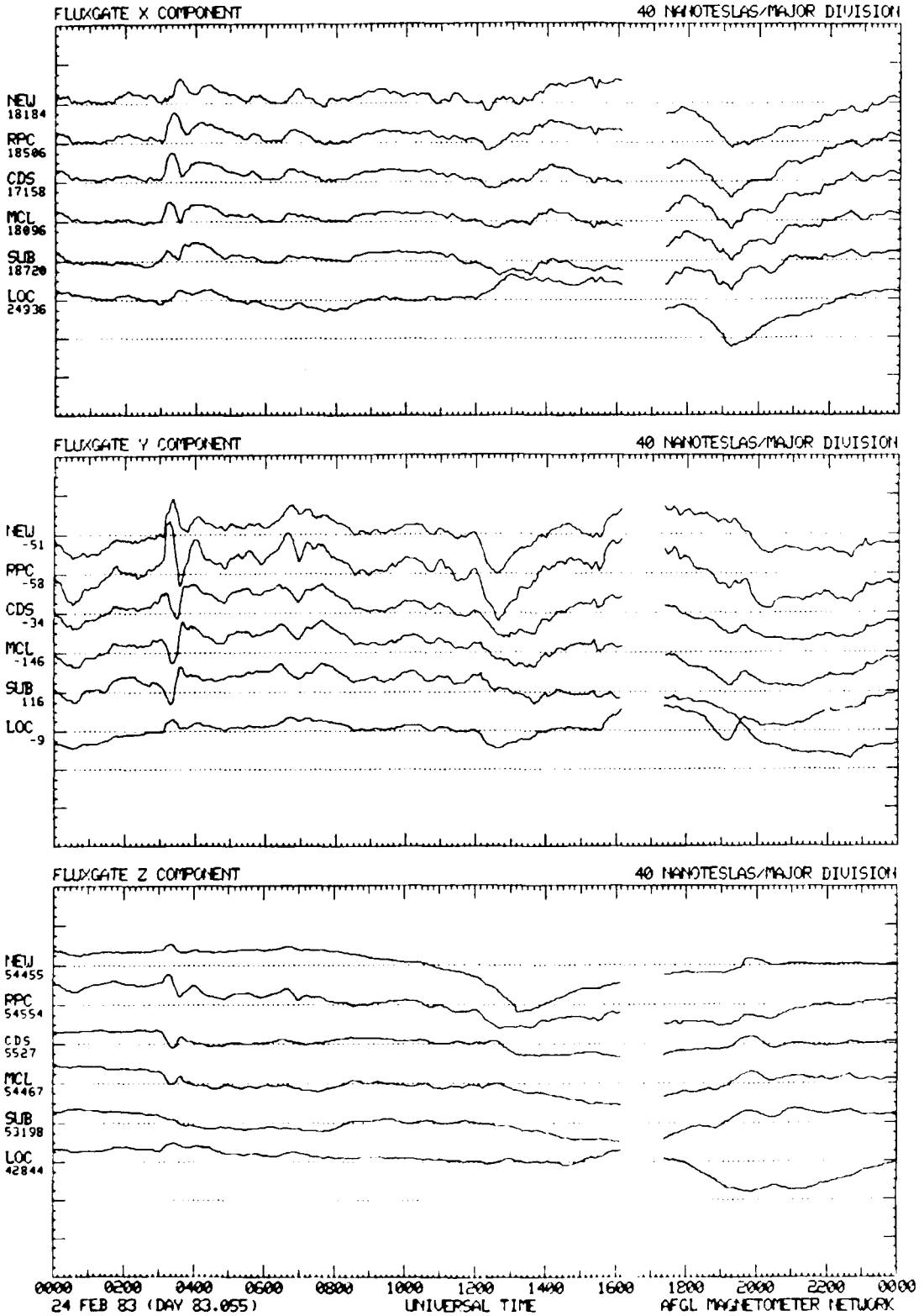

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18194
RPC 18522
CDS 17166
MCL 18106
SUB 18730
LOC 24948
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -50
PPC -55
CDS -32
MCL -143
SUB 12
LOC -8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54452
PPC 54557
CDS 55267
MCL 54466
SUB 53196
LOC 4c840
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 FEB 83 (DAY 83.050)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

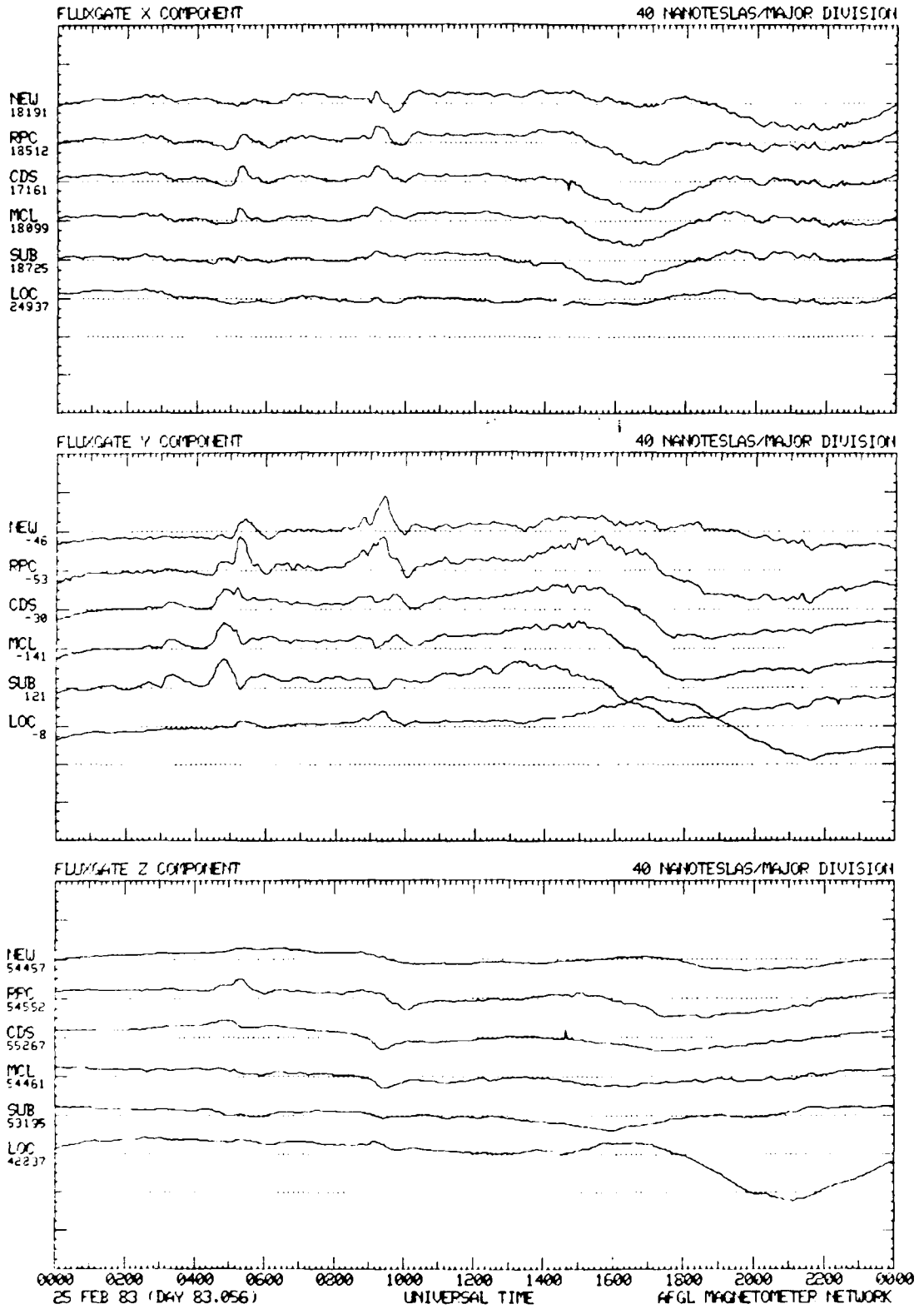

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18167
RPC 18491
CDS 17143
MCL 18083
SUB 18707
LOC 24923
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -57
RPC -61
CDS -38
MCL -151
SUB 114
LOC -13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54452
RPC 5456
CDS 55282
MCL 54485
SUB 53216
LOC 42838
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 FEB 83 (DAY 83.051)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

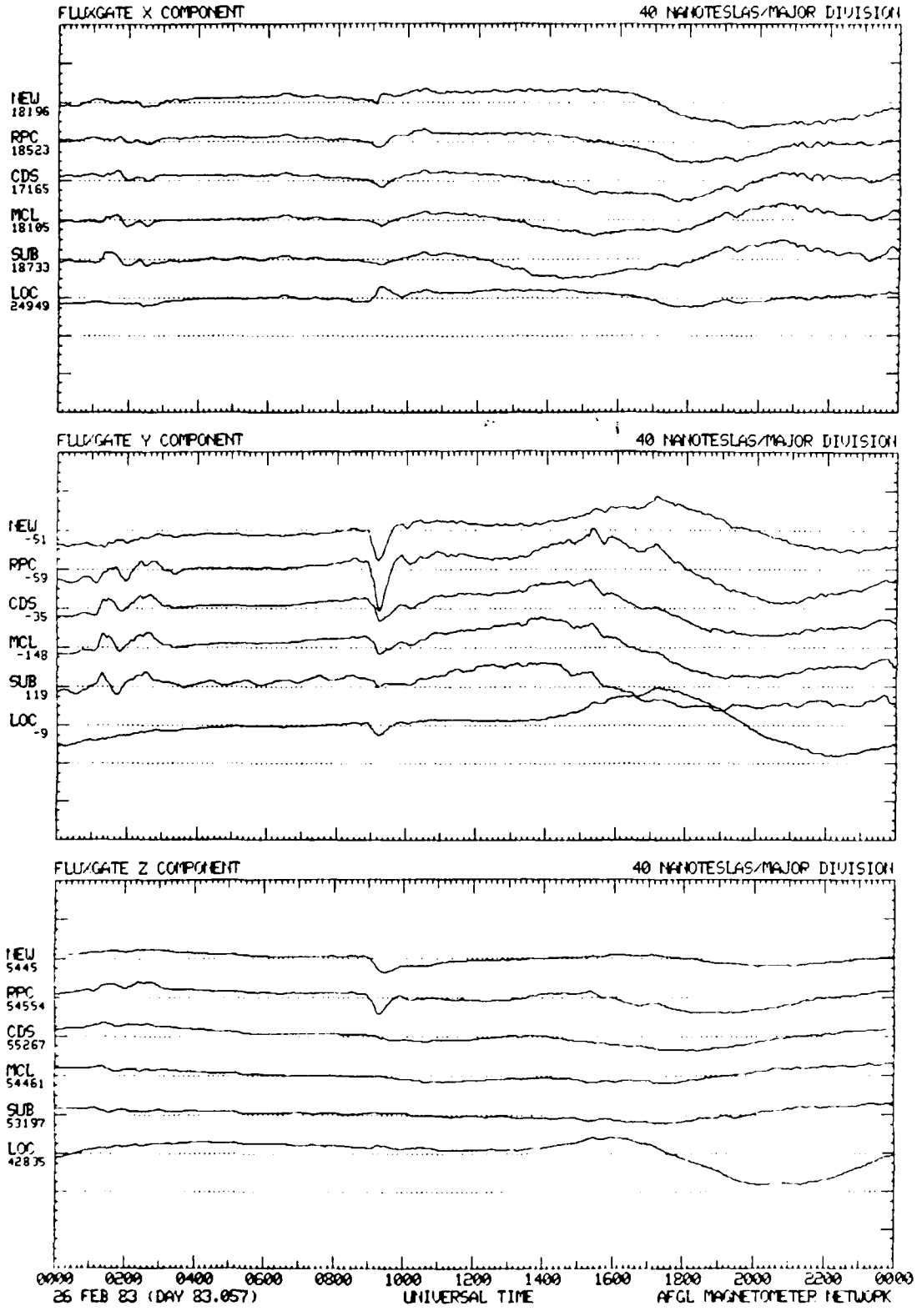

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18164
RPC 18484
CDS 17135
MCL 18070
SUB 18696
LOC 24913
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -57
PPC -59
CDS -31
MCL -142
SUB 121
LOC -12
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54456
PPC 54565
CDS 55285
MCL 54482
SUB 53211
LOC 4c250
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 FEB 83 (DAY 83.052)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

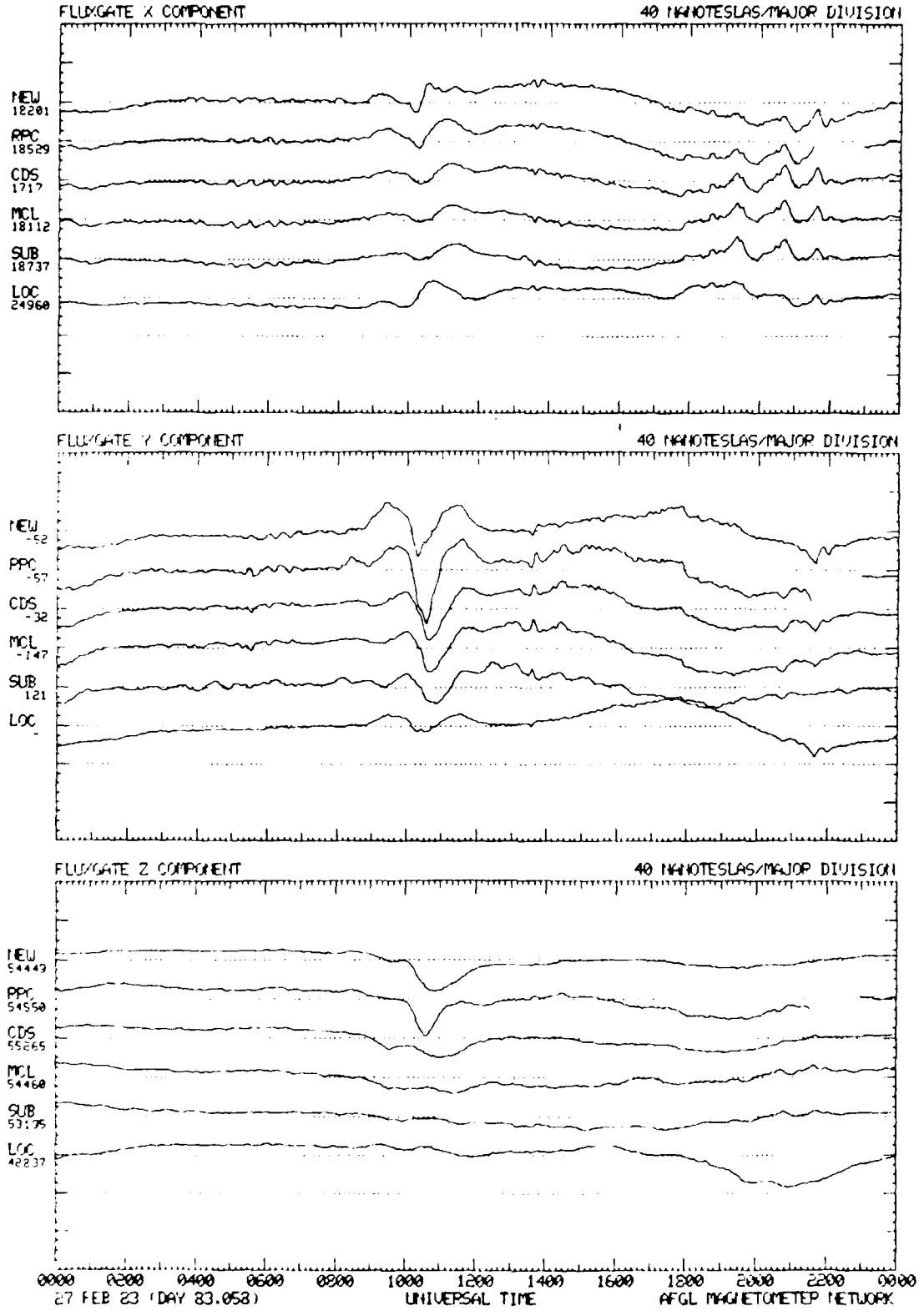

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18181
RPC 18505
CDS 17154
MCL 18092
SUB 18714
LOC 24928
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -48
RPC -53
CDS -33
MCL -144
SUB 117
LOC -9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54465
RPC 54564
CDS 55277
MCL 5447
SUB 53204
LOC 42847
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 FEB 83 (DAY 83.053)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

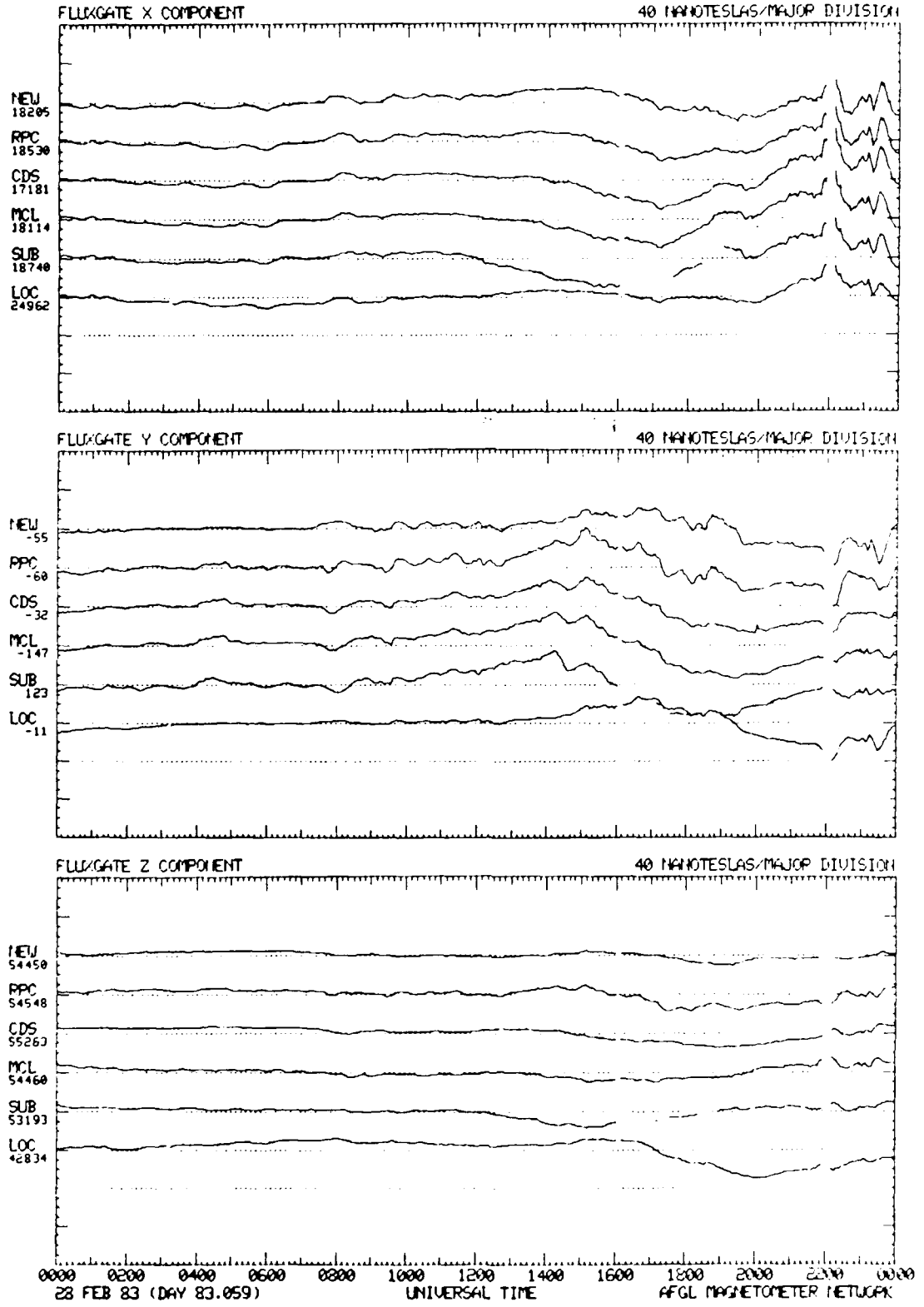

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18184
RPC
18511
CDS
17160
MCL
18099
SUB
18722
LOC
24935
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-56
RPC
-59
CDS
-35
MCL
-145
SUB
11
LOC
-1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54464
RPC
54569
CDS
55277
MCL
54477
SUB
53207
LOC
42848
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 FEB 83 (DAY 83.054)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

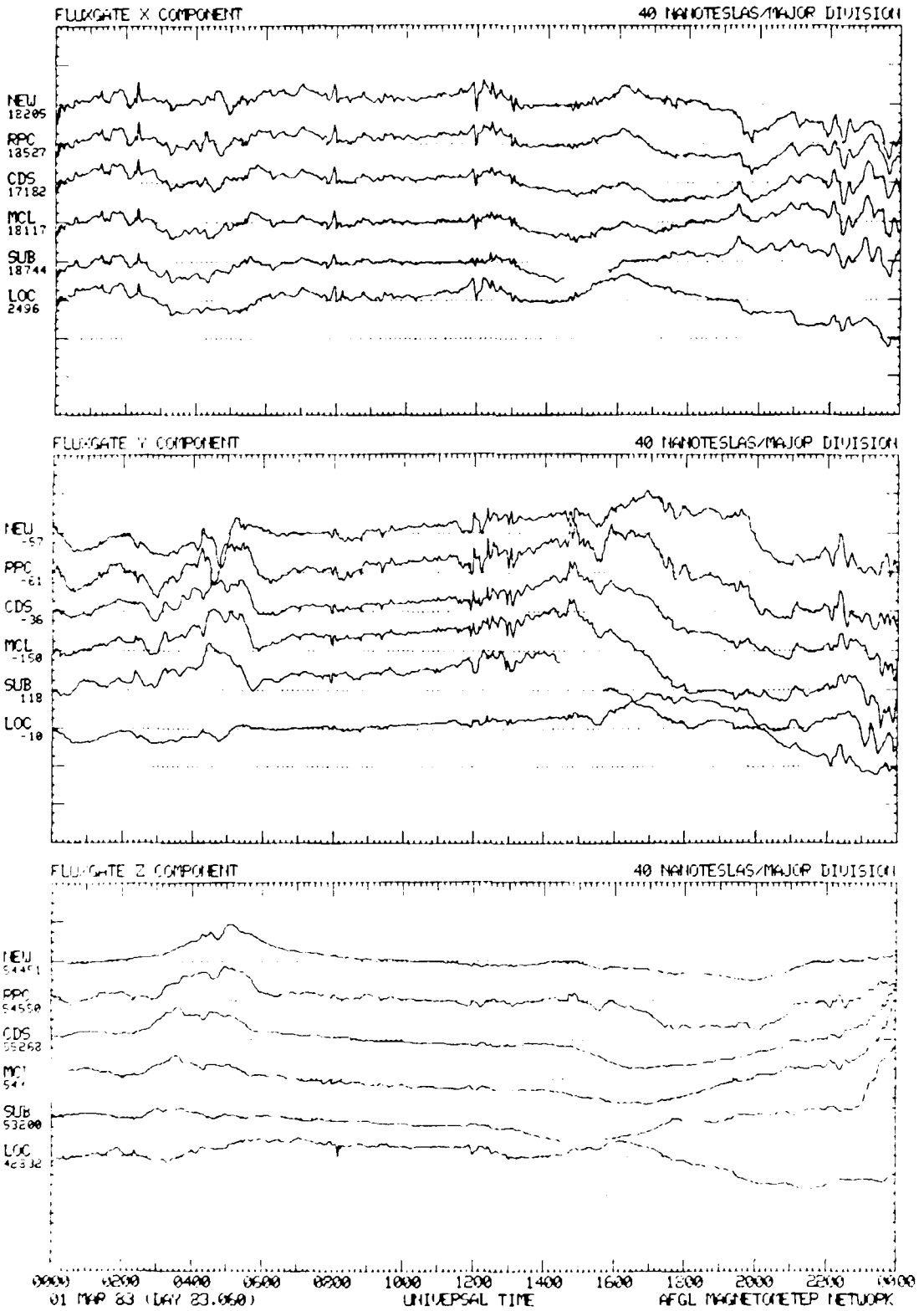

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18184
RPC 18506
CDS 17158
MCL 18096
SUB 18720
LOC 24936
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -51
RPC -58
CDS -34
MCL -146
SUB 116
LOC -9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54455
RPC 54554
CDS 5527
MCL 54467
SUB 53198
LOC 42844
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 FEB 83 (DAY 83.055)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

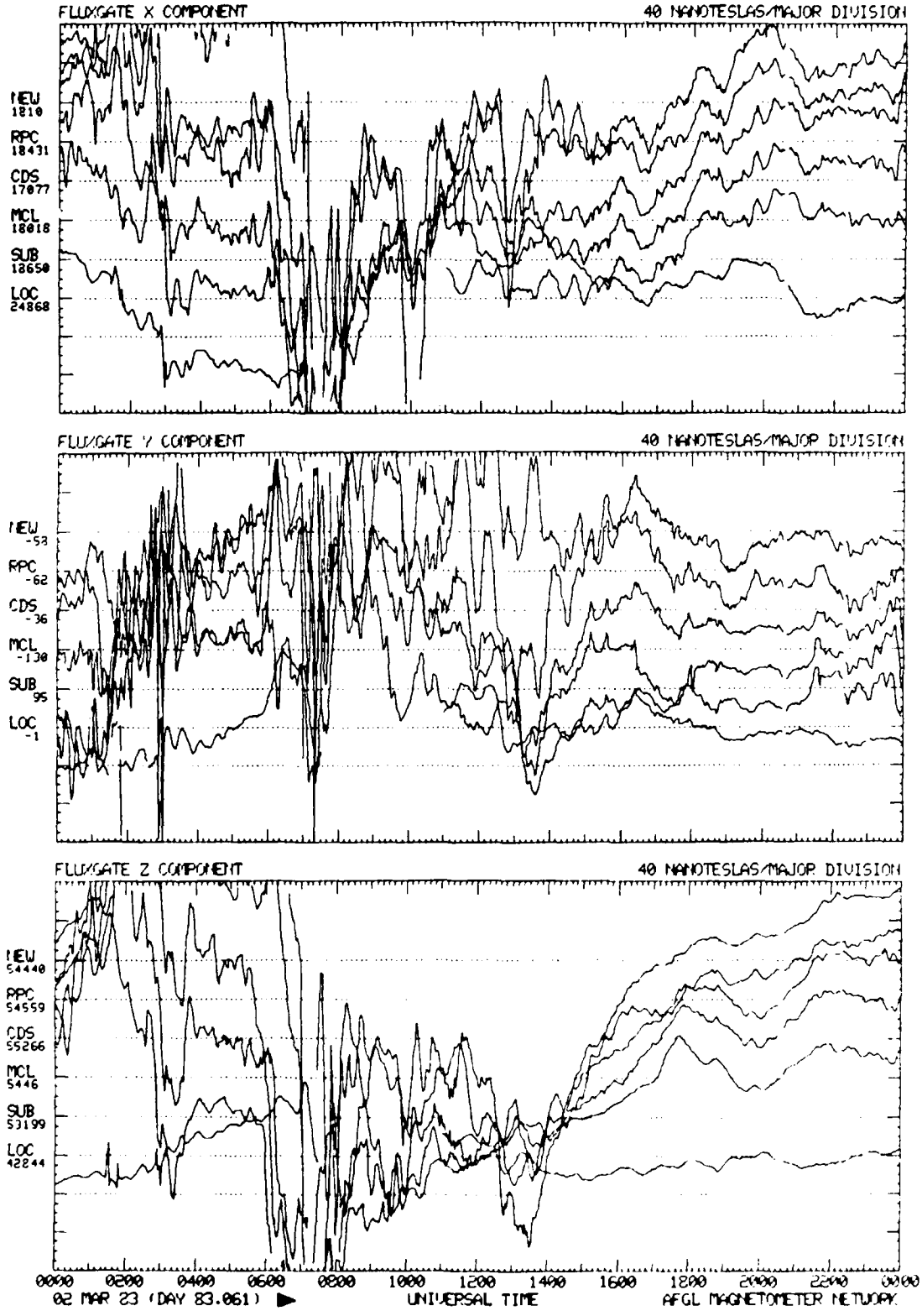

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18191
RPC
18512
CDS
17161
MCL
18099
SUB
18725
LOC
24937
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-46
RPC
-53
CDS
-30
MCL
-141
SUB
121
LOC
-8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54457
RPC
54552
CDS
55267
MCL
54461
SUB
53195
LOC
42237
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
25 FEB 83 (DAY 83.056)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

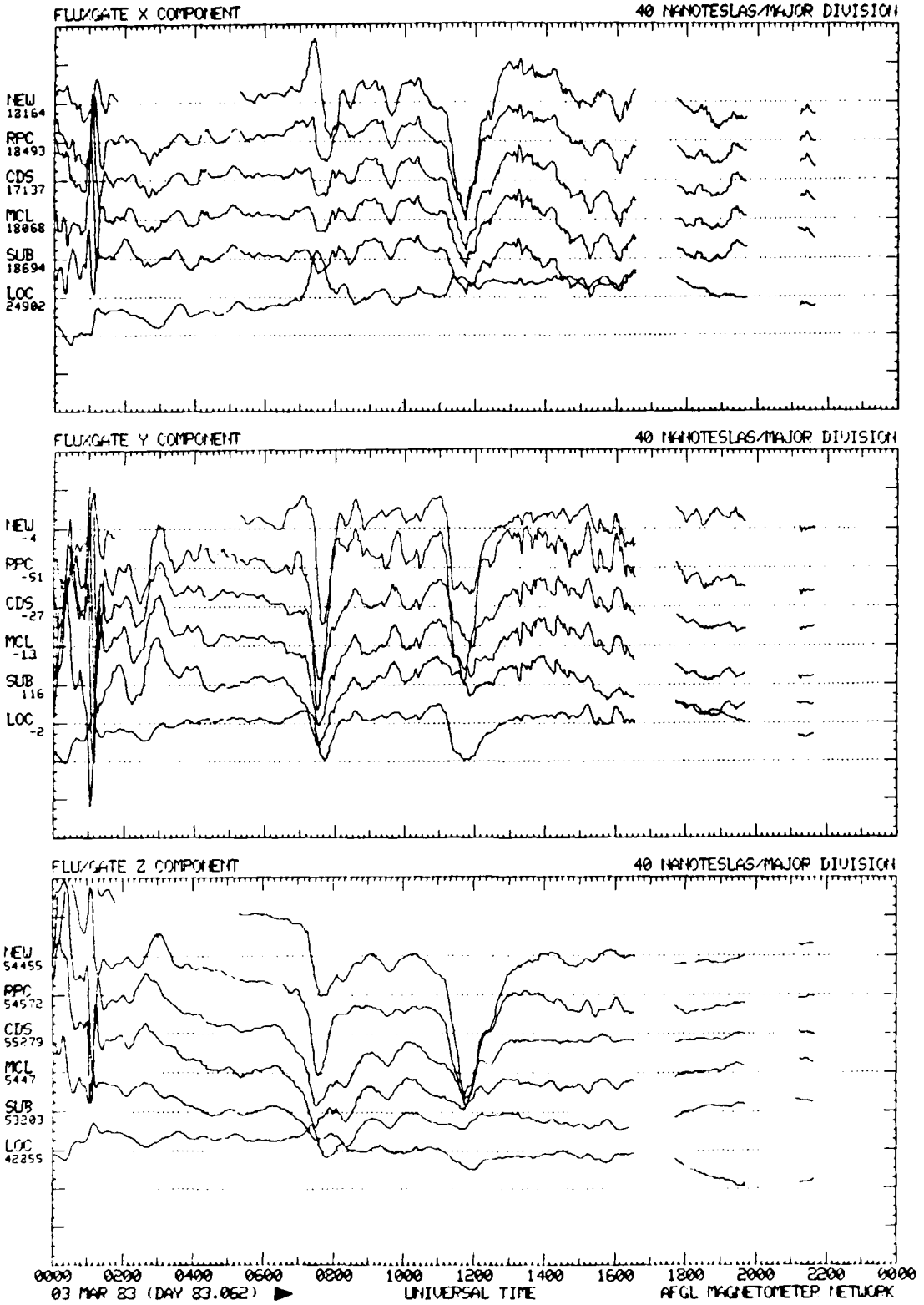

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18196
RPC
18523
CDS
17165
MCL
18105
SUB
18733
LOC
24949
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-51
RPC
-59
CDS
-35
MCL
-148
SUB
119
LOC
-9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54455
RPC
54554
CDS
55267
MCL
54461
SUB
53197
LOC
42835
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 FEB 83 (DAY 83.057)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

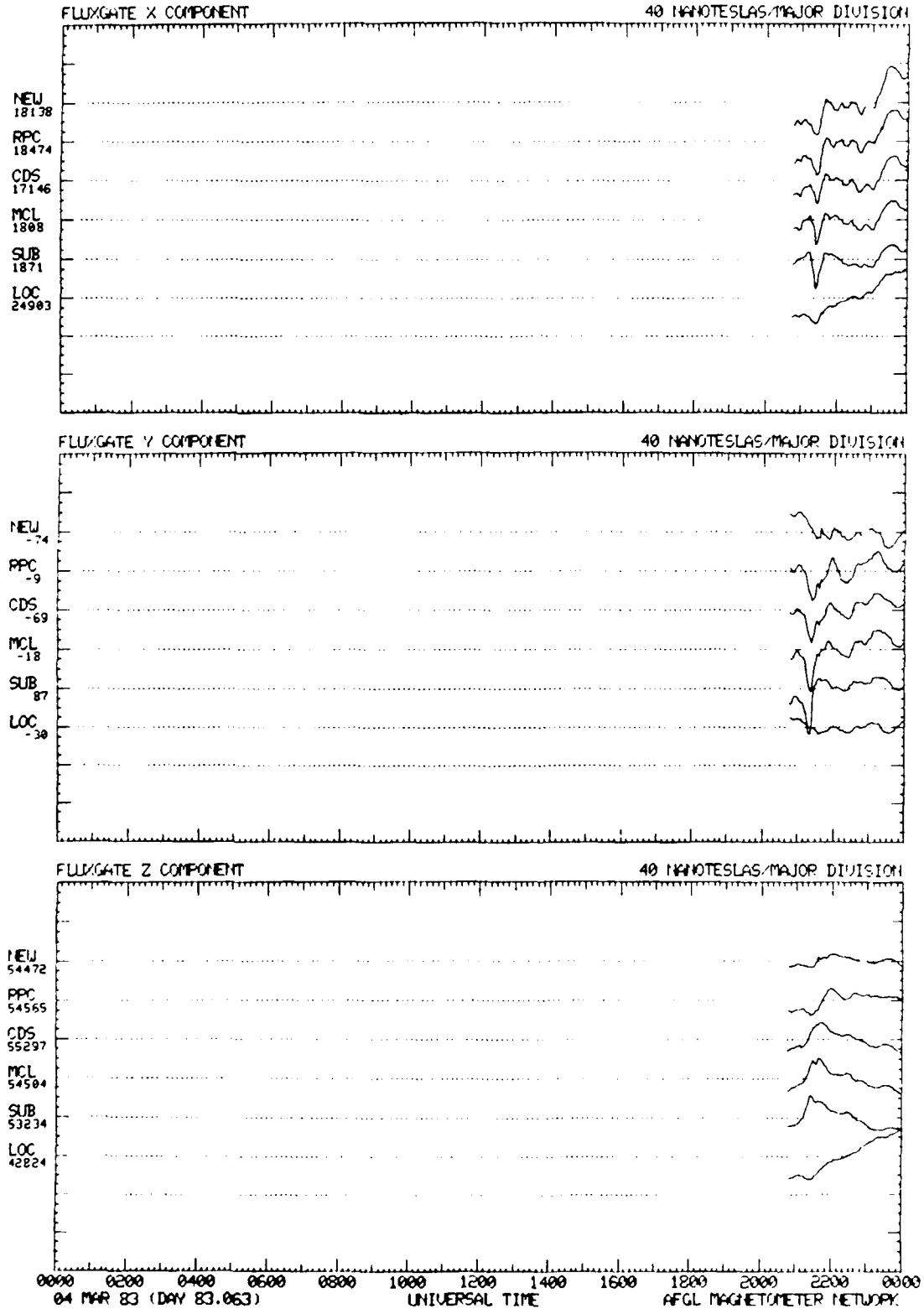

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18201
PPC
18529
CDS
1717
MCL
18112
SUB
18737
LOC
24960
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-52
PPC
-57
CDS
-32
MCL
-147
SUB
121
LOC
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54449
PPC
54550
CDS
55065
MCL
54460
SUB
53195
LOC
42837
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 FEB 83 (DAY 83.058)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

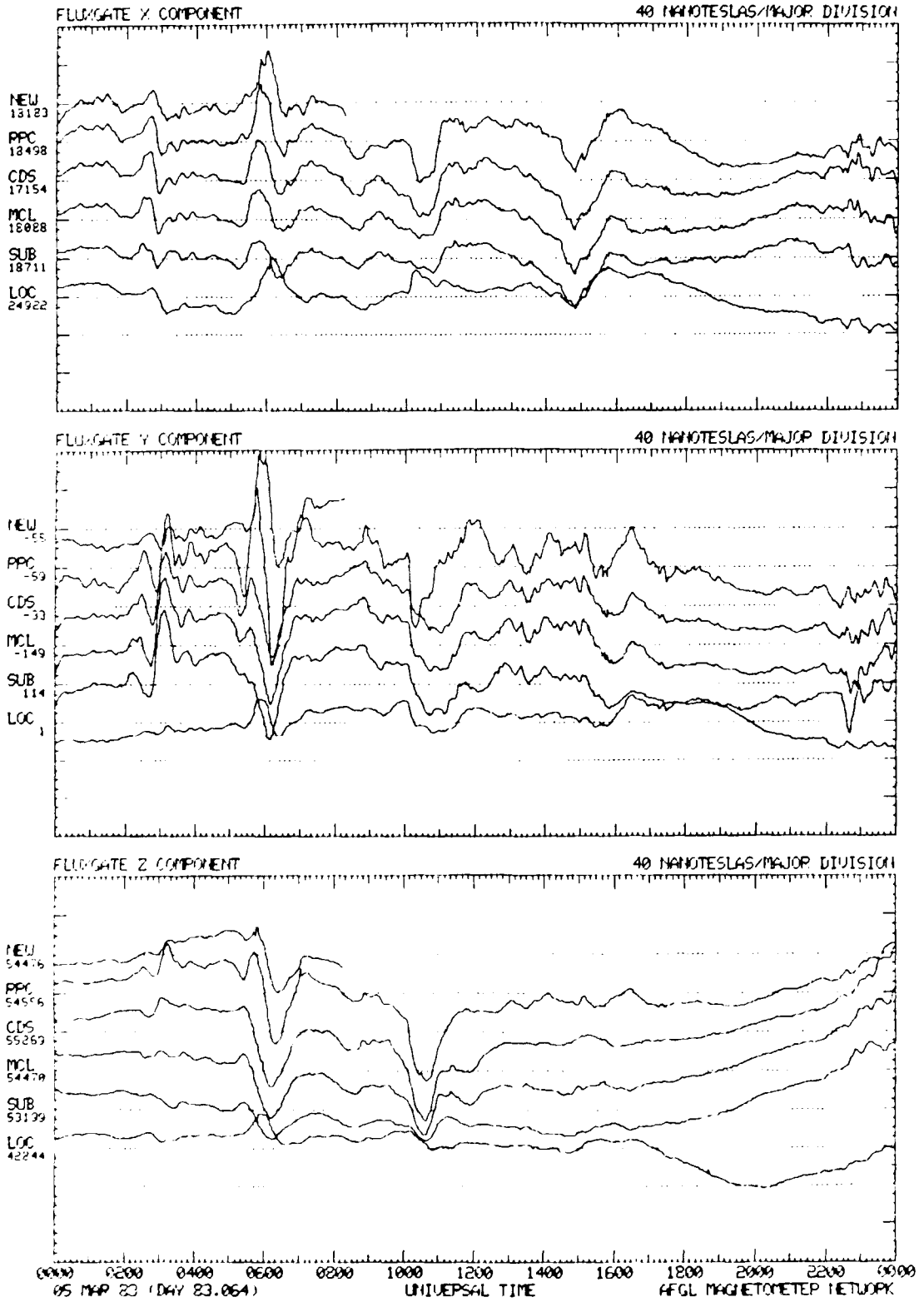

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18205
RPC
18530
CDS
17181
MCL
18114
SUB
18740
LOC
24962
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-55
RPC
-60
CDS
-32
MCL
-147
SUB
123
LOC
-11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54450
RPC
54548
CDS
55263
MCL
54460
SUB
53193
LOC
42834
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 FEB 83 (DAY 83.059)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

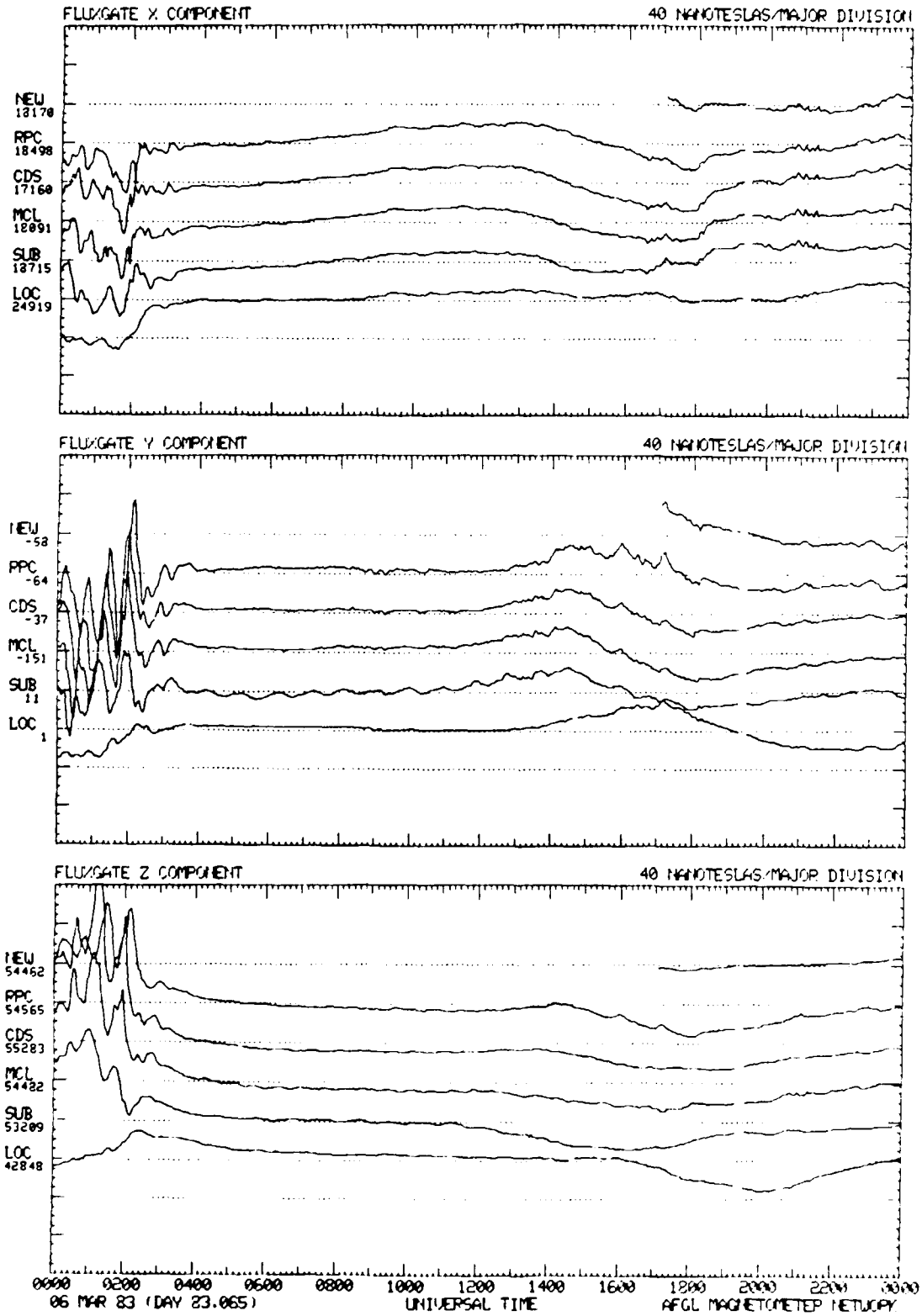

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18205
RPC
18527
CDS
17182
MCL
18117
SUB
18744
LOC
2496
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-57
RPC
-61
CDS
-36
MCL
-150
SUB
118
LOC
-10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54451
RPC
54550
CDS
55262
MCL
547
SUB
53200
LOC
4c832
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
2400
01 MAR 83 (DAY 23.060)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

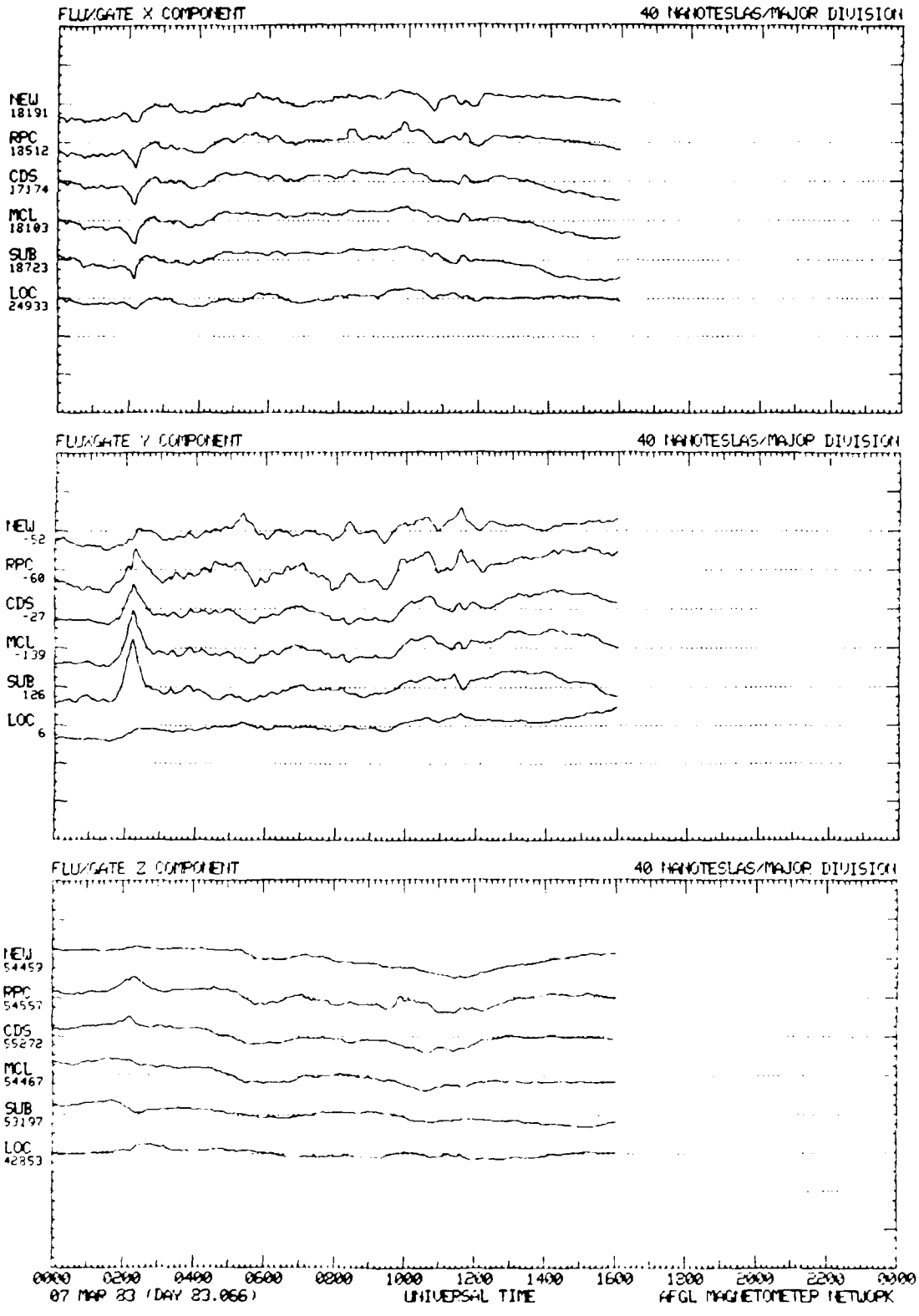

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1810
RPC
18431
CDS
17077
MCL
18018
SUB
18650
LOC
24868
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-53
RPC
-62
CDS
-36
MCL
-130
SUB
95
LOC
-1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54440
RPC
54559
CDS
55266
MCL
5446
SUB
53199
LOC
42844
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 MAR 23 (DAY 83.061)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

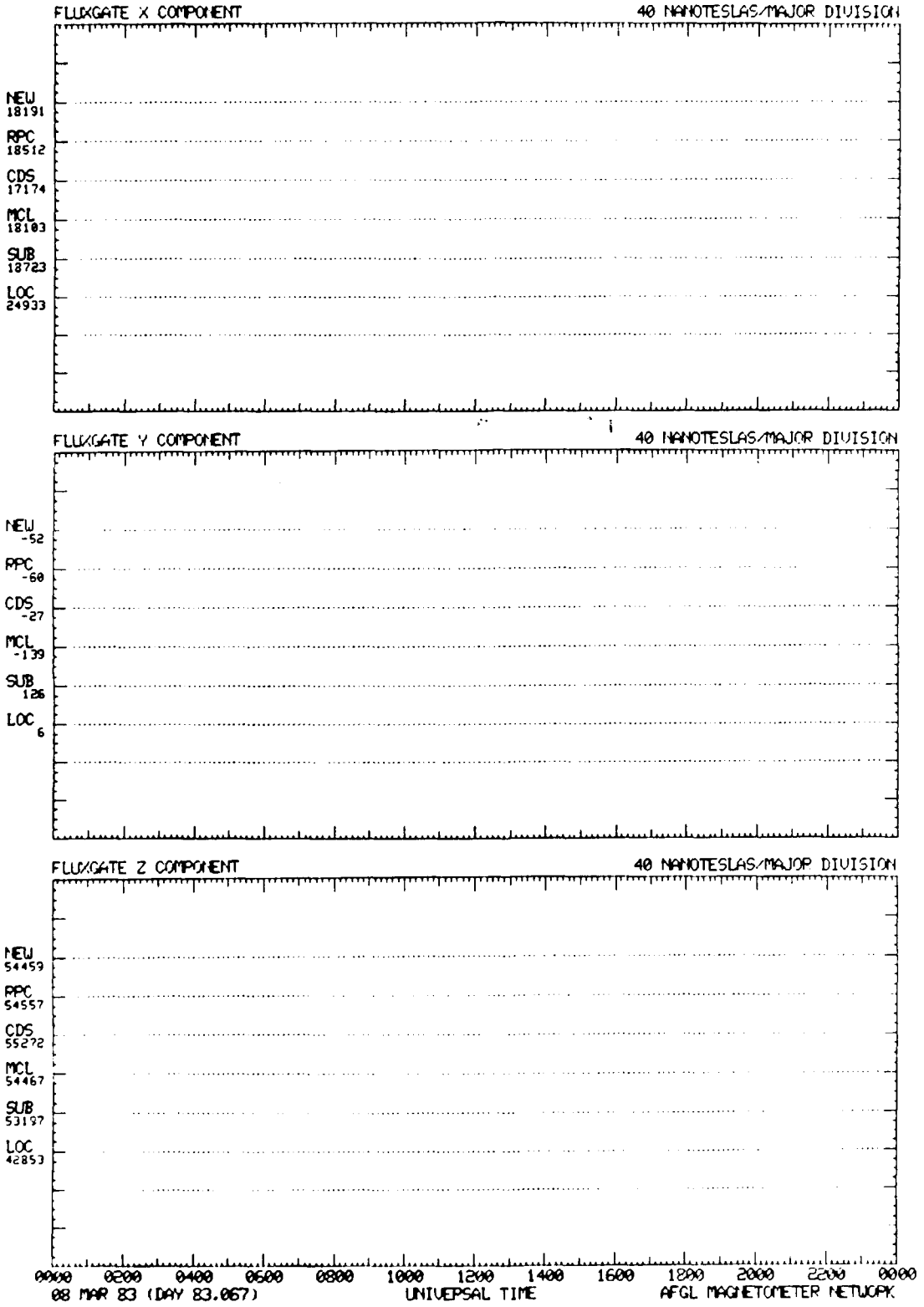

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18164
RPC
18493
CDS
17137
MCL
18068
SUB
18694
LOC
24902
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-4
RPC
-51
CDS
-27
MCL
-13
SUB
116
LOC
-2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54455
RPC
54572
CDS
55279
MCL
5447
SUB
53203
LOC
42855
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
03 MAR 83 (DAY 83.062)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

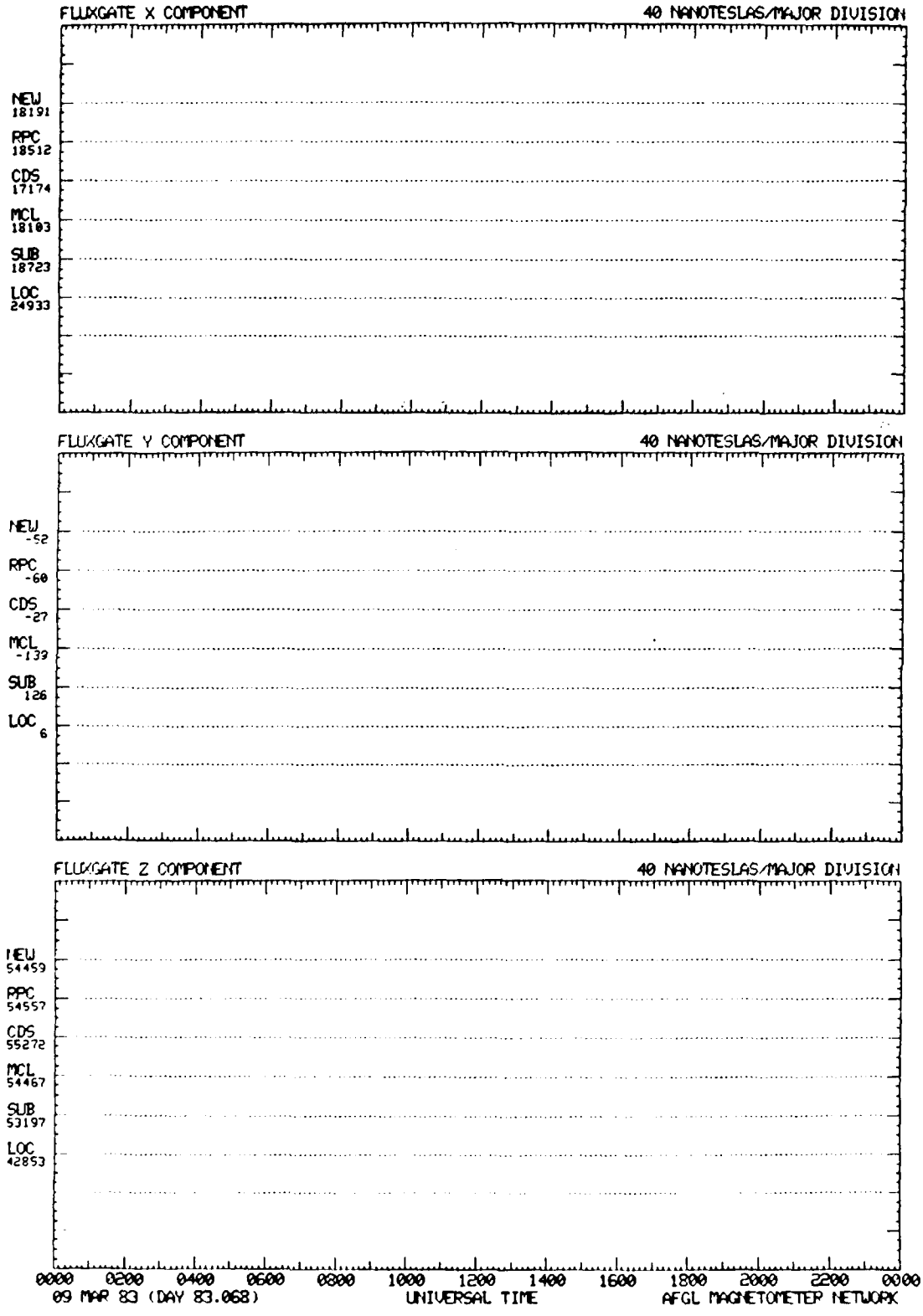

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18138
RPC
18474
CDS
17146
MCL
1808
SUB
1871
LOC
24903
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-74
RPC
-9
CDS
-69
MCL
-18
SUB
87
LOC
-30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54472
RPC
54565
CDS
55297
MCL
54504
SUB
53234
LOC
42824
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 MAR 83 (DAY 83.063)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

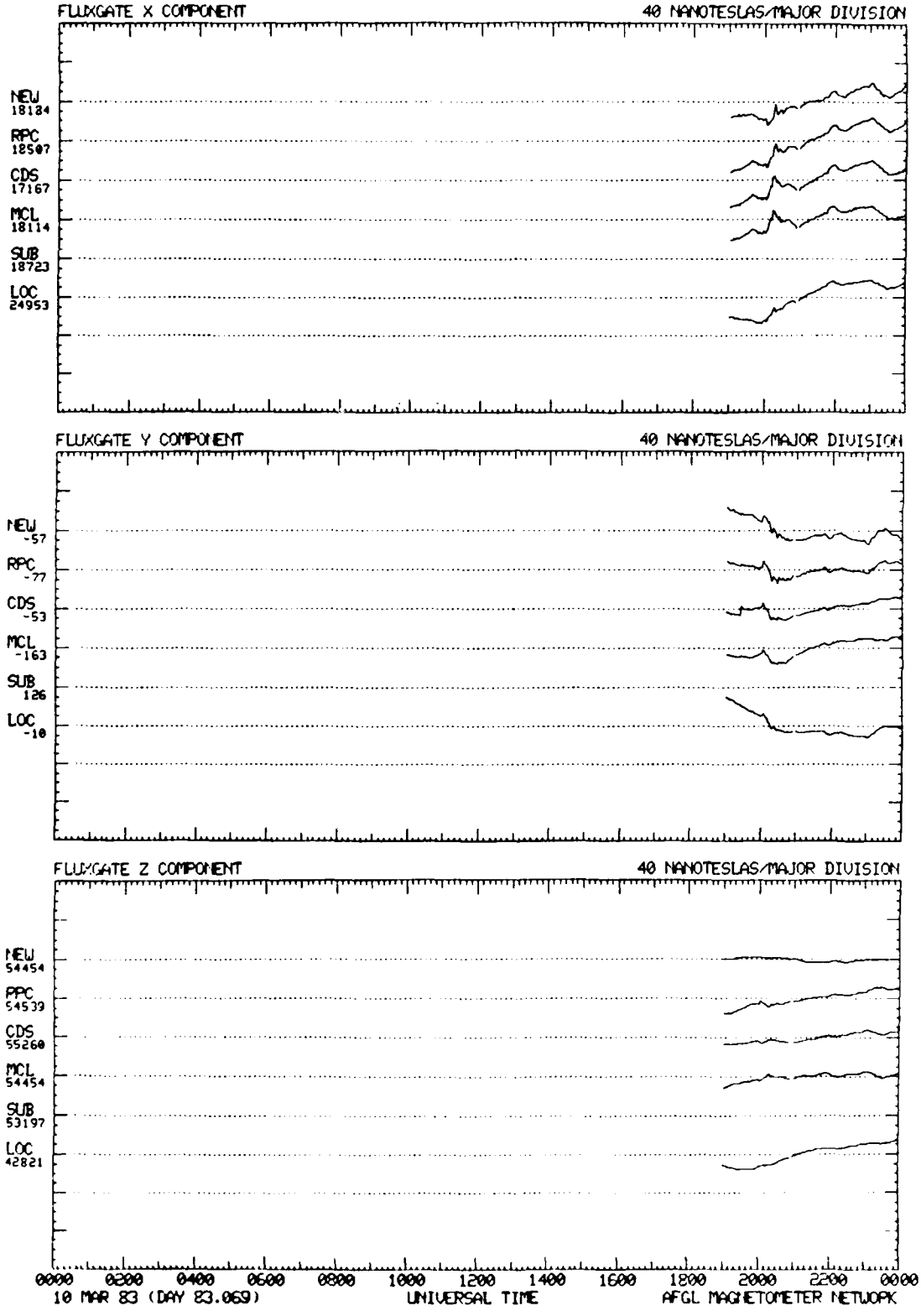

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13183
PPC
18498
CDS
17154
MCL
18088
SUB
18711
LOC
24922
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-65
PPC
-59
CDS
-33
MCL
-149
SUB
114
LOC
1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54476
PPC
54556
CDS
55269
MCL
54470
SUB
53139
LOC
42244
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 MAR 83 (DAY 83.064)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

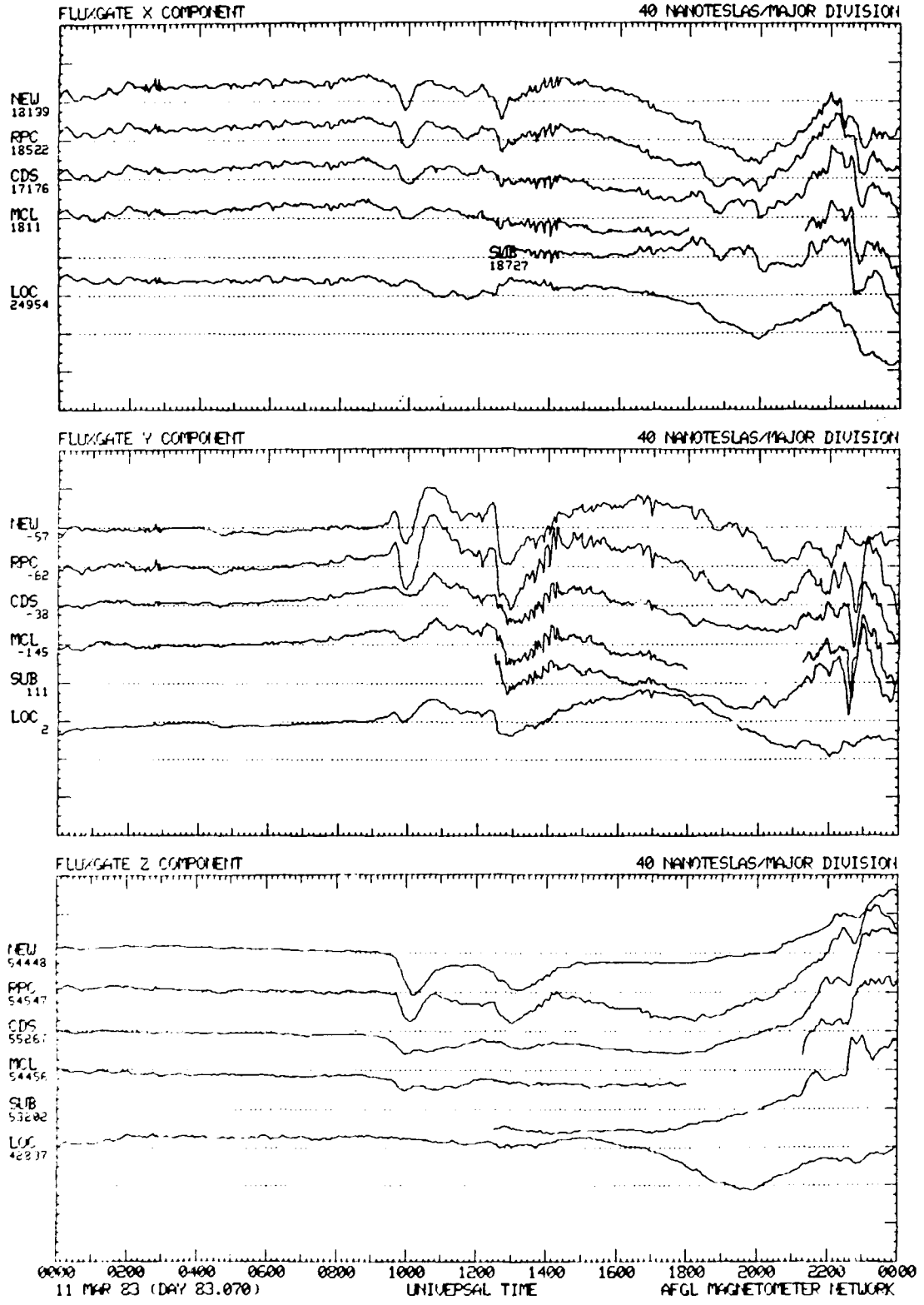

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18170
RPC
18498
CDS
17160
MCL
18091
SUB
18715
LOC
24919
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-58
PPC
-64
CDS
-37
MCL
-151
SUB
11
LOC
1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54462
PPC
54565
CDS
55283
MCL
54432
SUB
53209
LOC
42848
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
06 MAR 83 (DAY 23.065)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

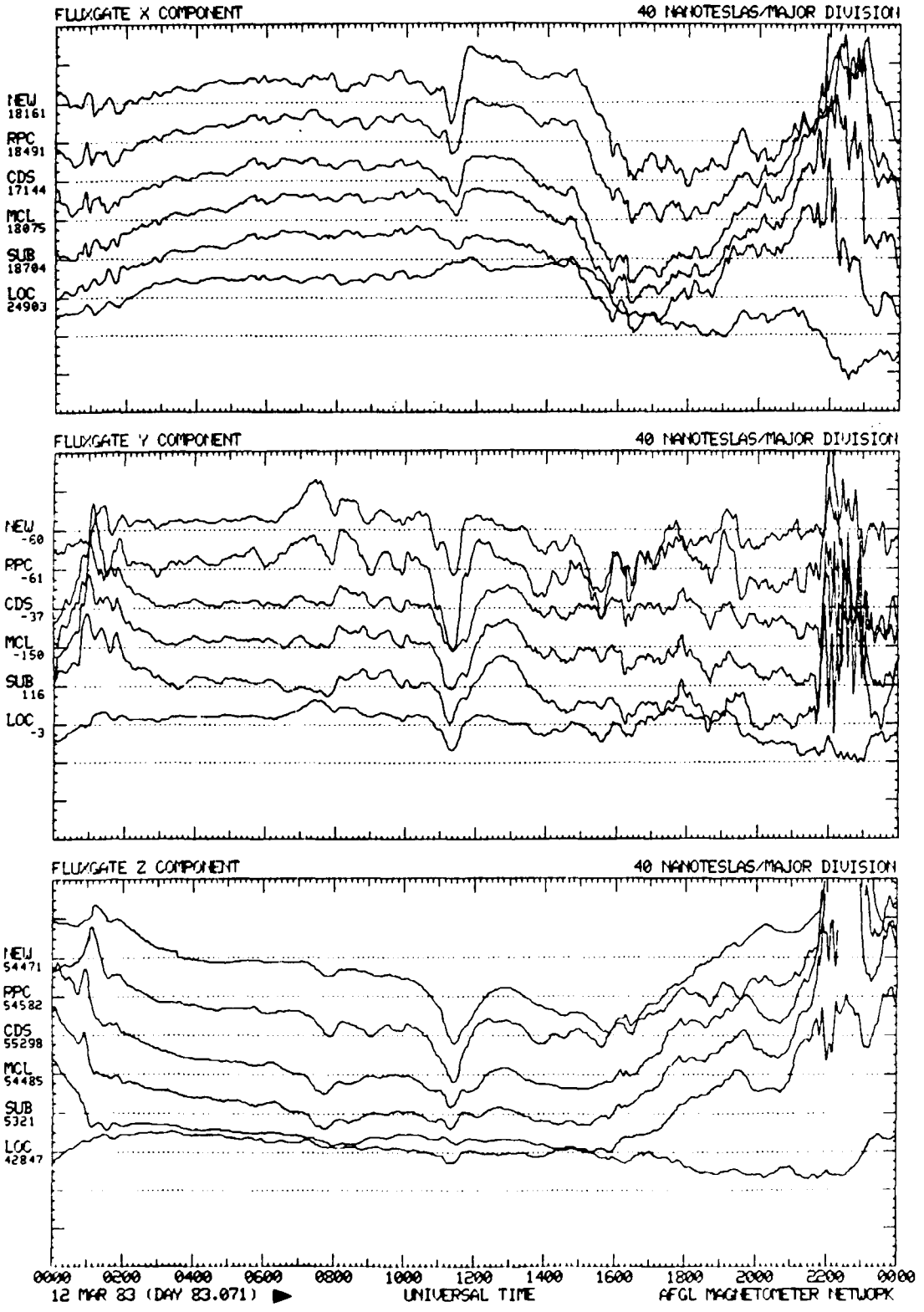

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18191
RPC 18512
CDS 17174
MCL 18103
SUB 18723
LOC 24933
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -52
RPC -60
CDS -27
MCL -139
SUB 126
LOC 6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54459
RPC 54557
CDS 55272
MCL 54467
SUB 53197
LOC 42853
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 MAR 83 (DAY 83.066)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

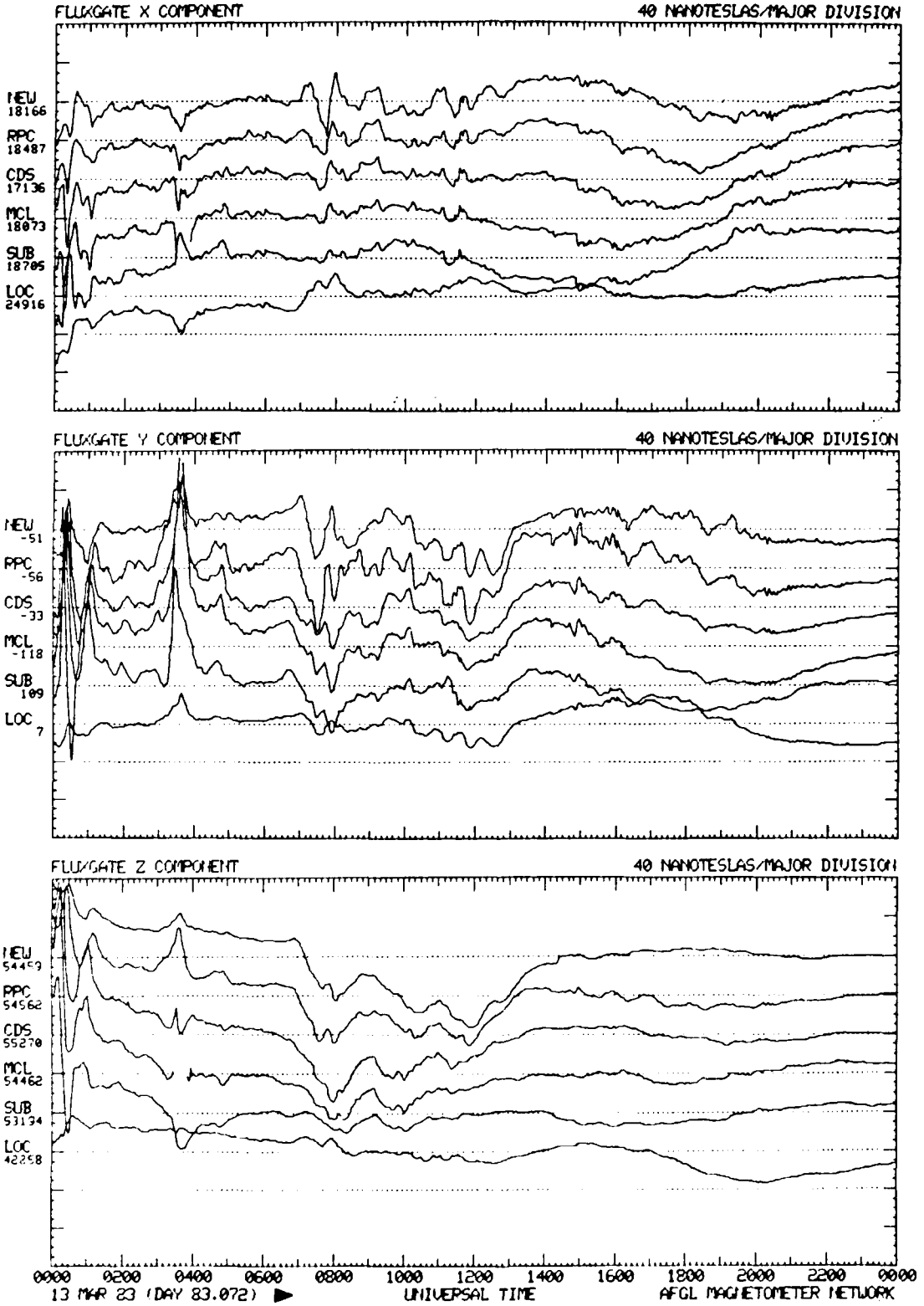

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18191
RPC 18512
CDS 17174
MCL 18103
SUB 18723
LOC 24933
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -52
RPC -60
CDS -27
MCL -139
SUB 126
LOC 6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54459
RPC 54557
CDS 55272
MCL 54467
SUB 53197
LOC 42853
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 MAR 83 (DAY 83.067)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

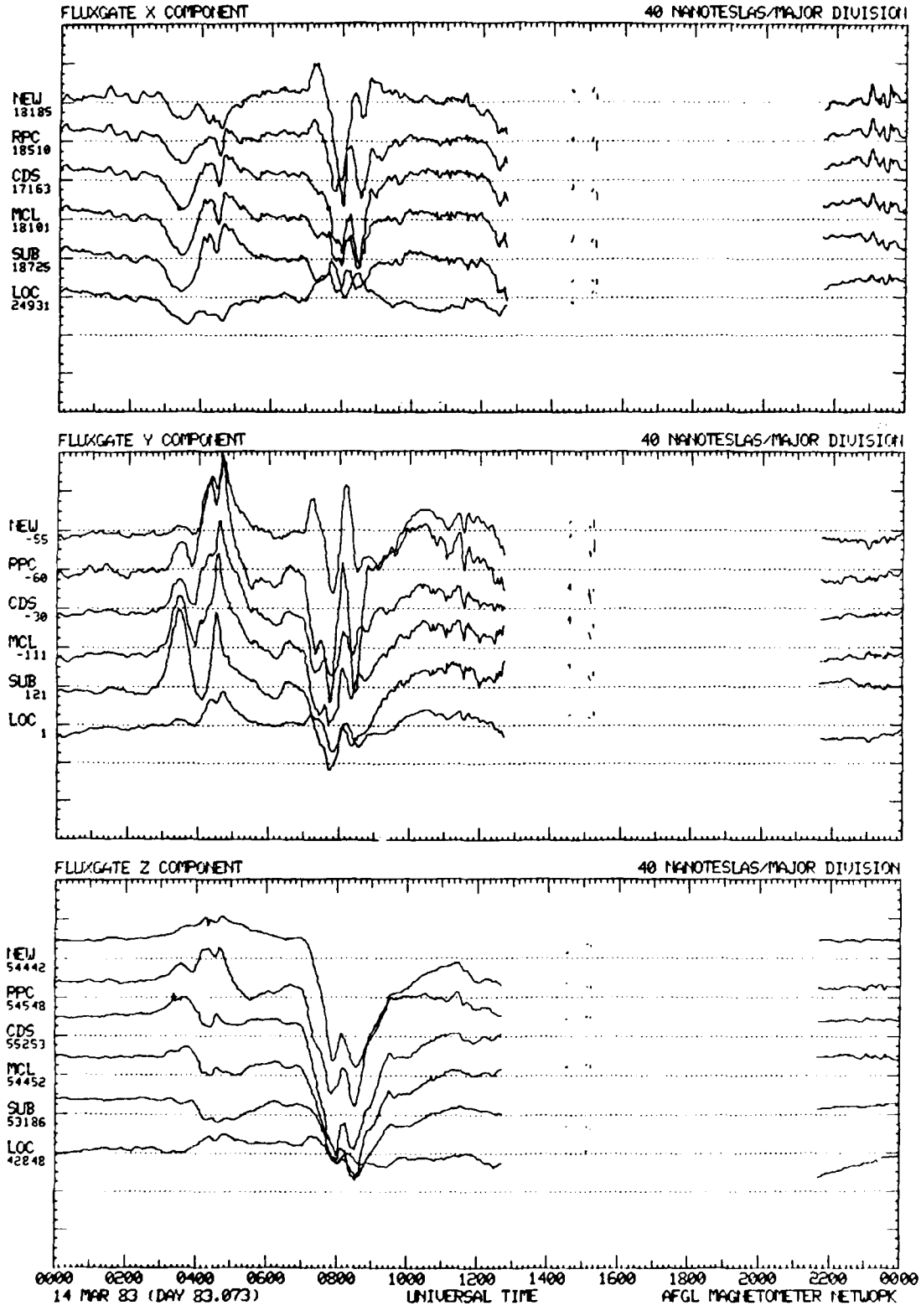

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18191
RPC 18512
CDS 17174
MCL 18103
SUB 18723
LOC 24933
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -52
RPC -60
CDS -27
MCL -139
SUB 126
LOC 6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54459
RPC 54557
CDS 55272
MCL 54467
SUB 53197
LOC 42853
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 MAR 83 (DAY 83.068)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

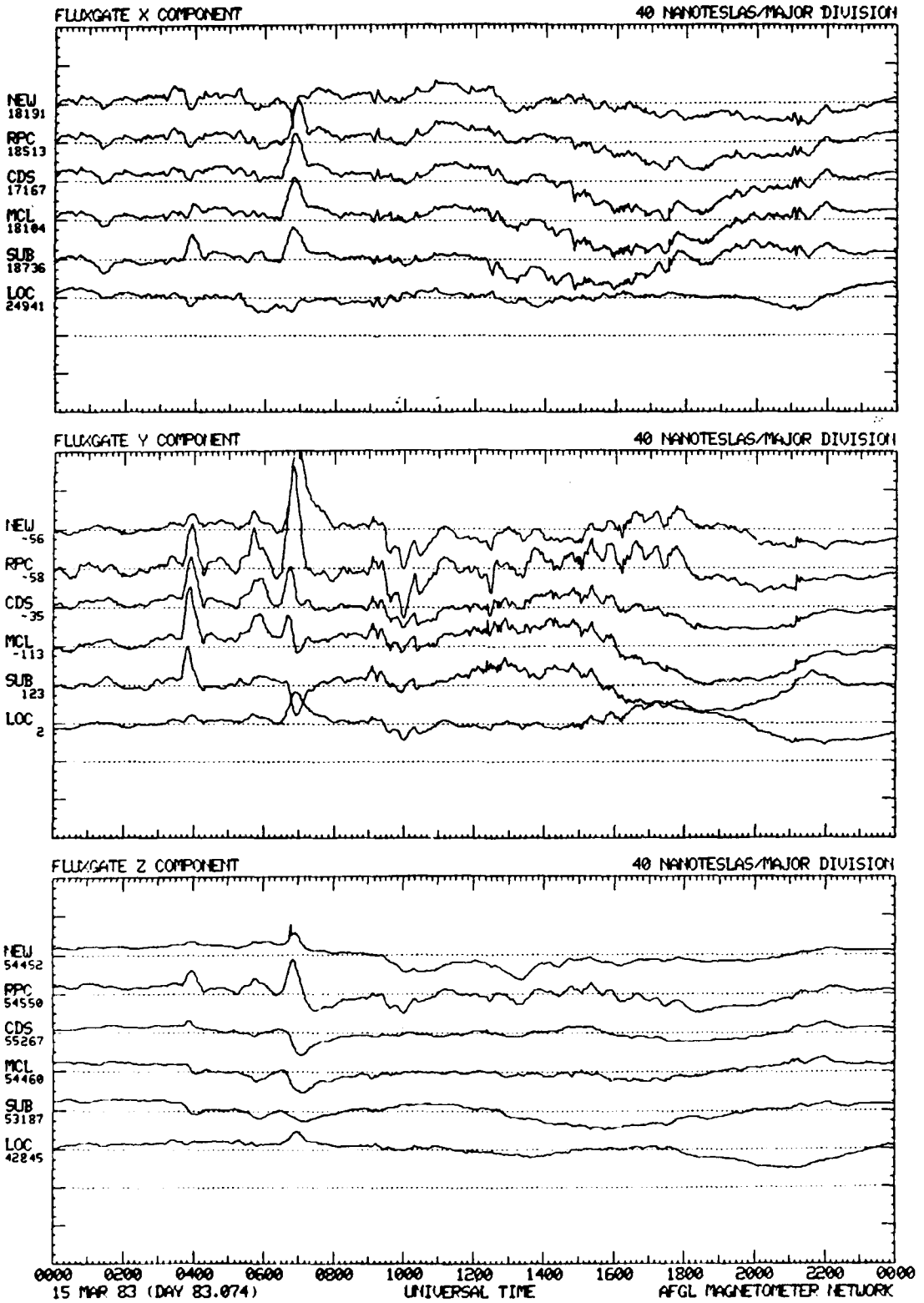

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18134
RPC 18507
CDS 17167
MCL 18114
SUB 18723
LOC 24953
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -57
RPC -77
CDS -53
MCL -163
SUB 126
LOC -10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54454
PPC 54539
CDS 55260
MCL 54454
SUB 53197
LOC 42821
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 MAR 83 (DAY 83.069)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

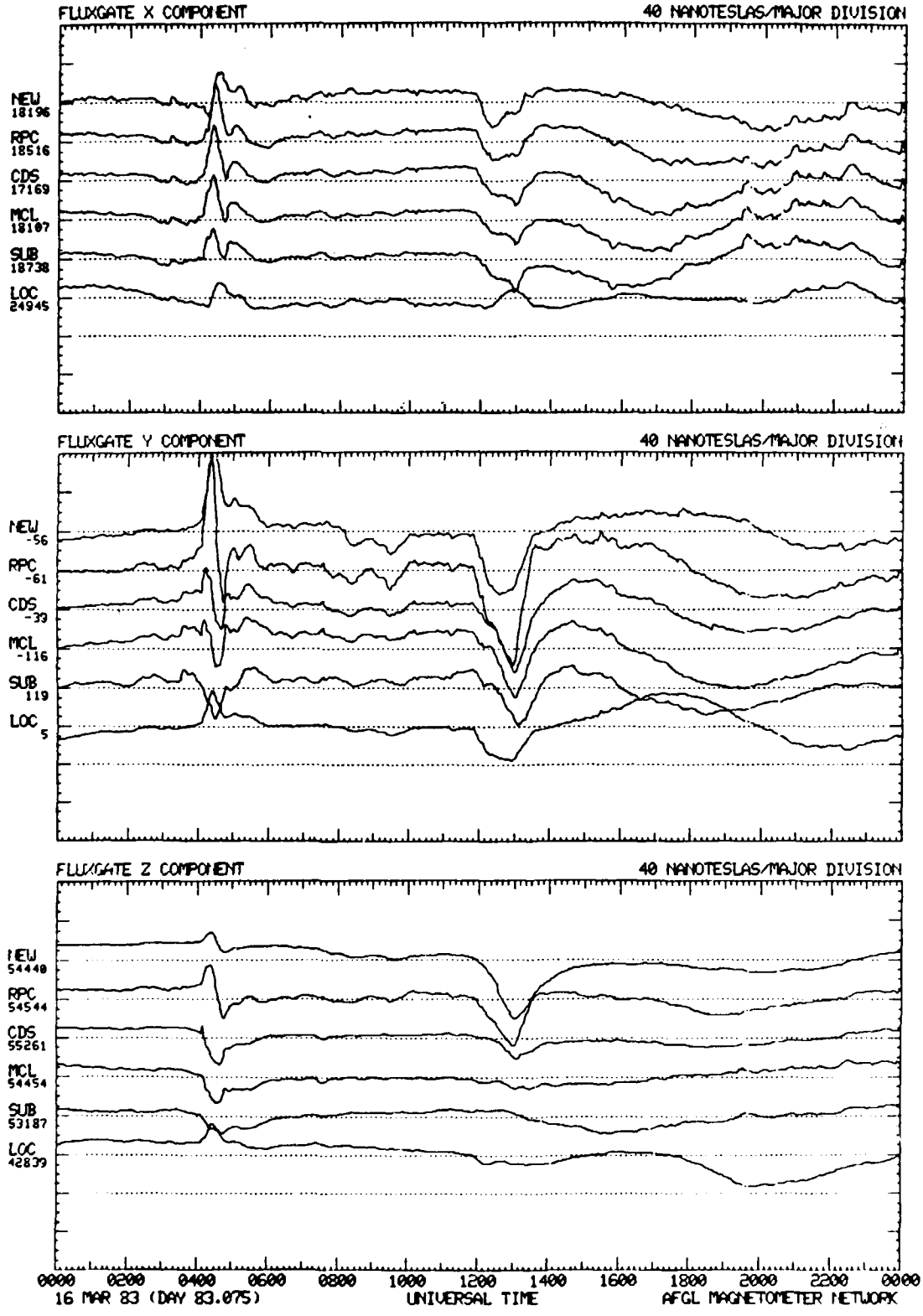

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18139
RPC
18522
CDS
17176
MCL
1811
SUB
18727
LOC
24954
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-57
RPC
-62
CDS
-38
MCL
-145
SUB
111
LOC
2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54448
RPC
54547
CDS
55267
MCL
54456
SUB
53e02
LOC
42837
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 MAR 83 (DAY 83.070)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

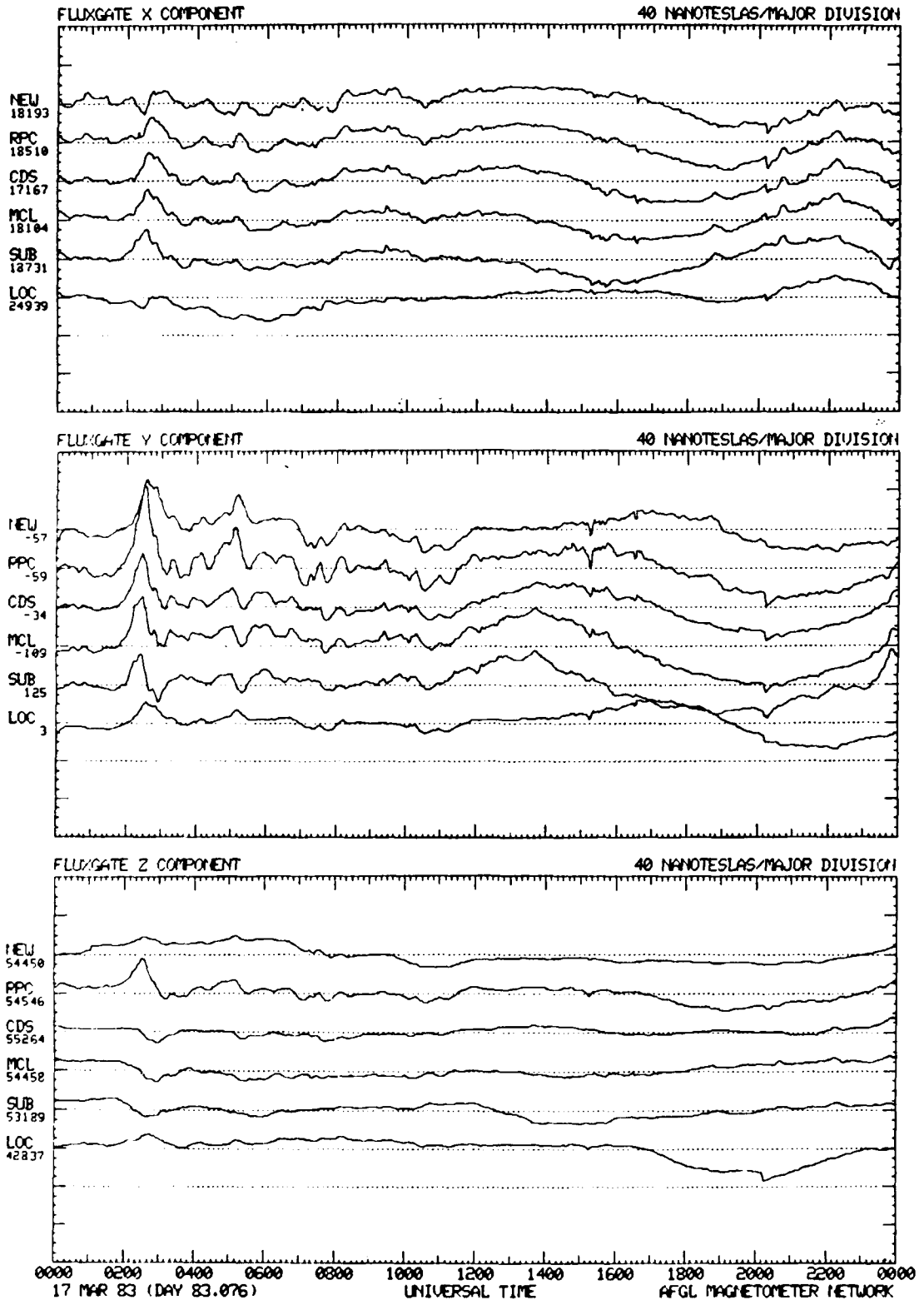

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18161
RPC 18491
CDS 17144
MCL 18075
SUB 18704
LOC 24903
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -60
RPC -61
CDS -37
MCL -150
SUB 116
LOC -3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54471
RPC 54582
CDS 55298
MCL 54485
SUB 5321
LOC 42847
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 MAR 83 (DAY 83.071)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

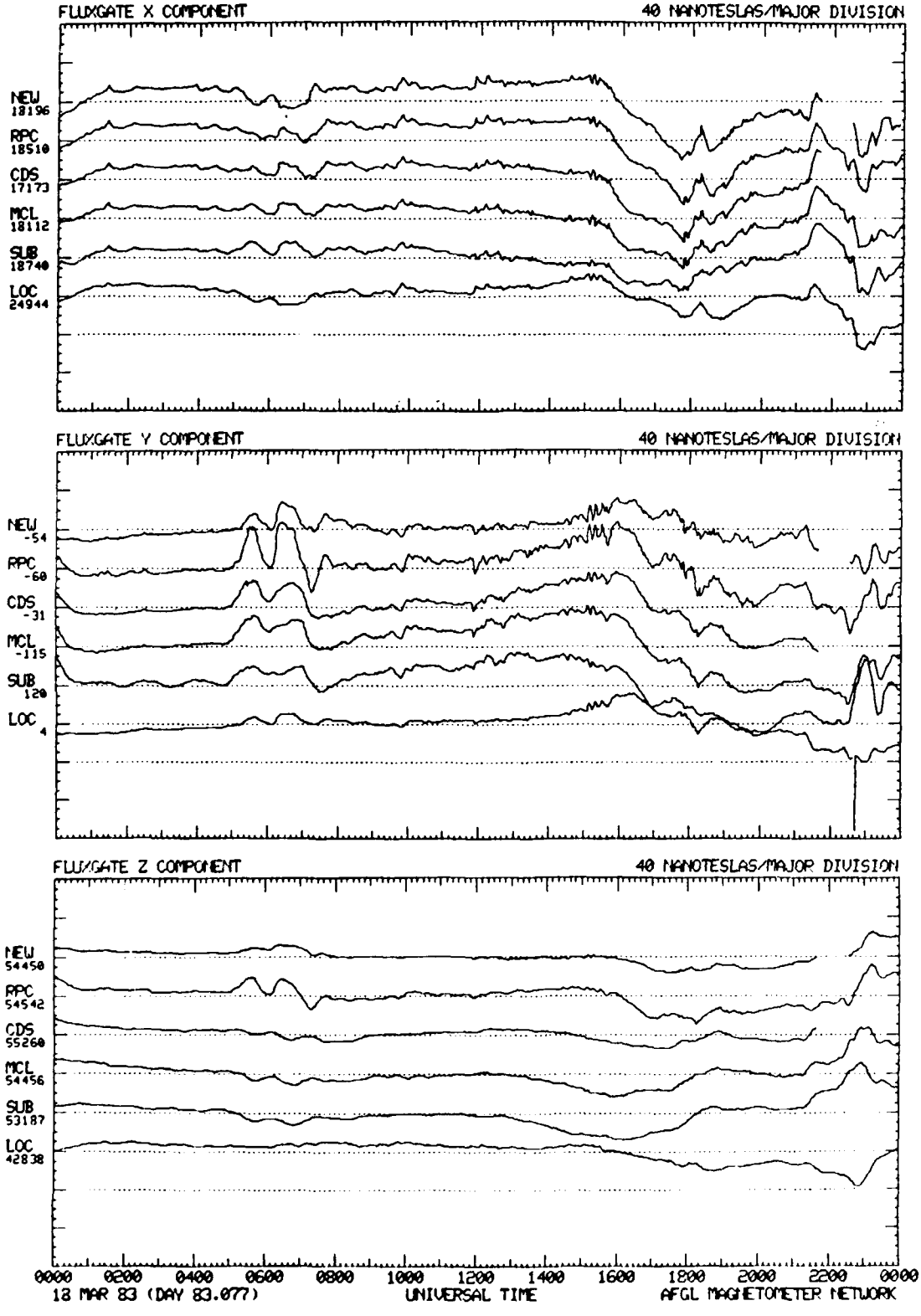

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18166
RPC
18487
CDS
17136
MCL
18073
SUB
18705
LOC
24916
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-51
PPC
-56
CDS
-33
MCL
-118
SUB
109
LOC
7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54459
PPC
54562
CDS
55270
MCL
54462
SUB
53134
LOC
42258
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 MAR 83 (DAY 83.072)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

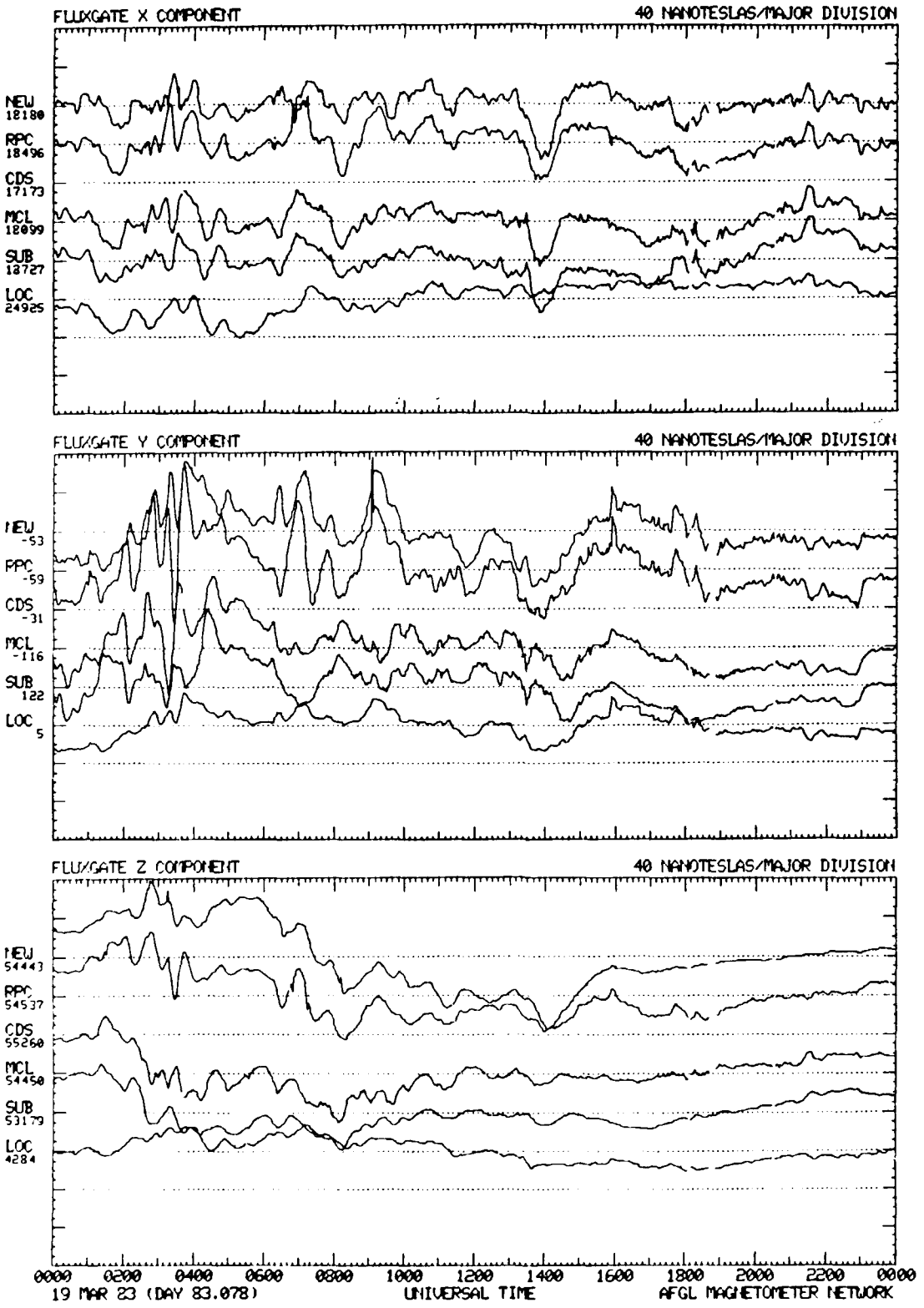

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18185
RPC 18510
CDS 17163
MCL 18101
SUB 18725
LOC 24931
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -55
PPC -60
CDS -30
MCL -111
SUB 121
LOC 1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54442
PPC 54548
CDS 55253
MCL 54452
SUB 53186
LOC 42848
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 MAR 83 (DAY 83.073)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

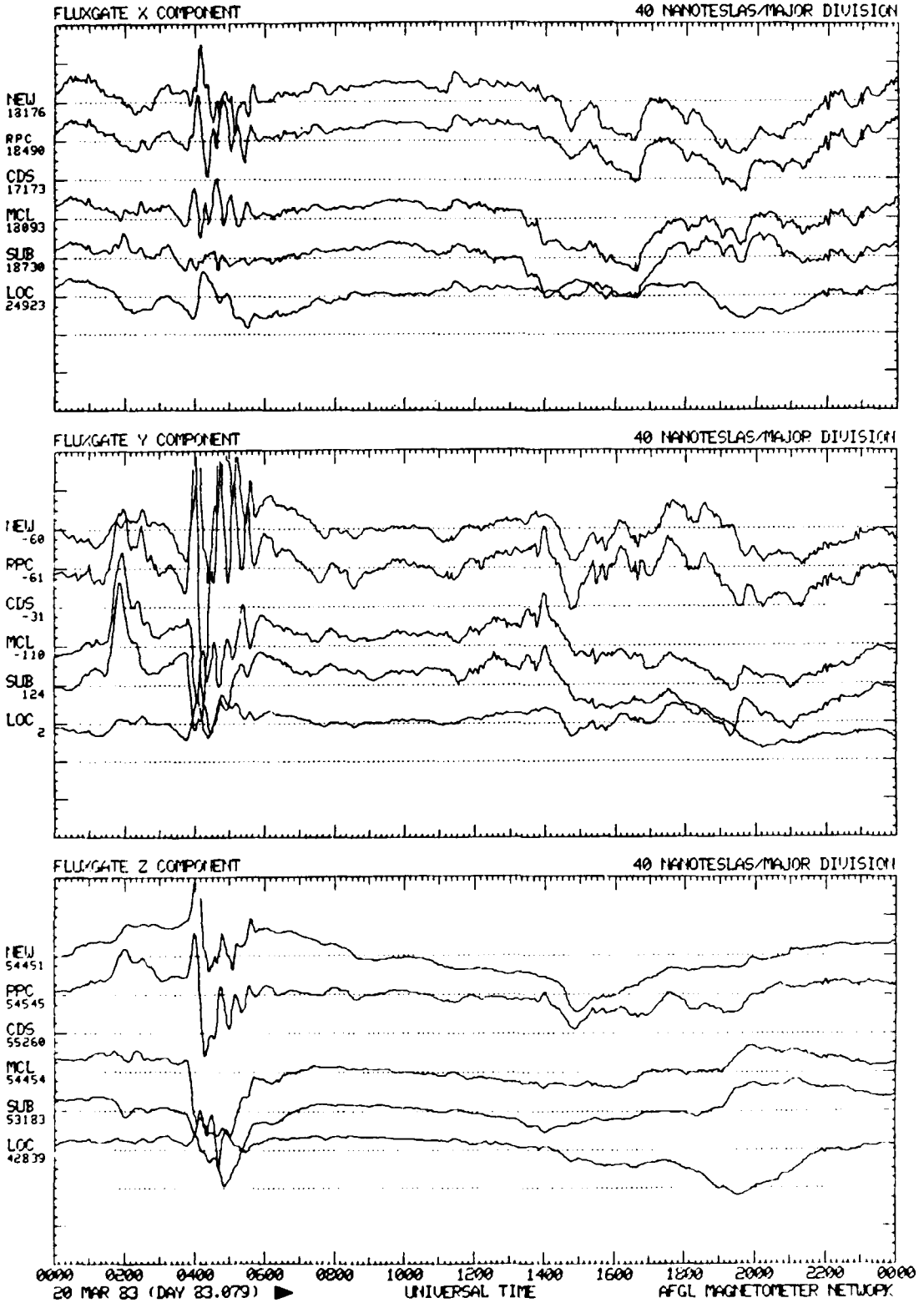

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18191
RPC 18513
CDS 17167
MCL 18104
SUB 18736
LOC 24941
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -58
CDS -35
MCL -113
SUB 123
LOC 2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54452
RPC 54550
CDS 55267
MCL 54460
SUB 53187
LOC 42845
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 MAR 83 (DAY 83.074)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

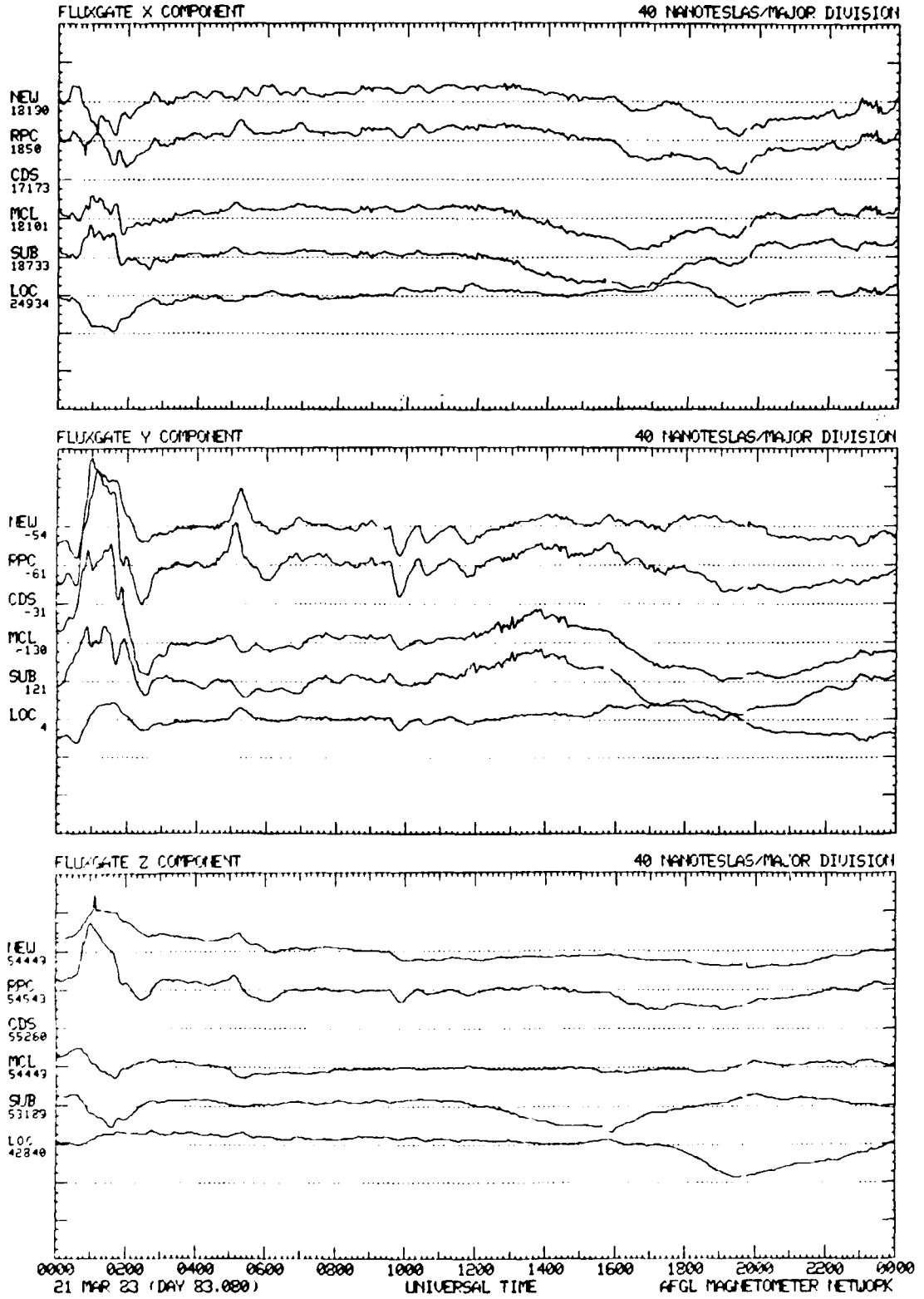

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18196
RPC 18516
CDS 17169
MCL 18107
SUB 18738
LOC 24945
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -61
CDS -39
MCL -116
SUB 119
LOC 5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54440
RPC 54544
CDS 55261
MCL 54454
SUB 53187
LOC 42839
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 MAR 83 (DAY 83.075)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

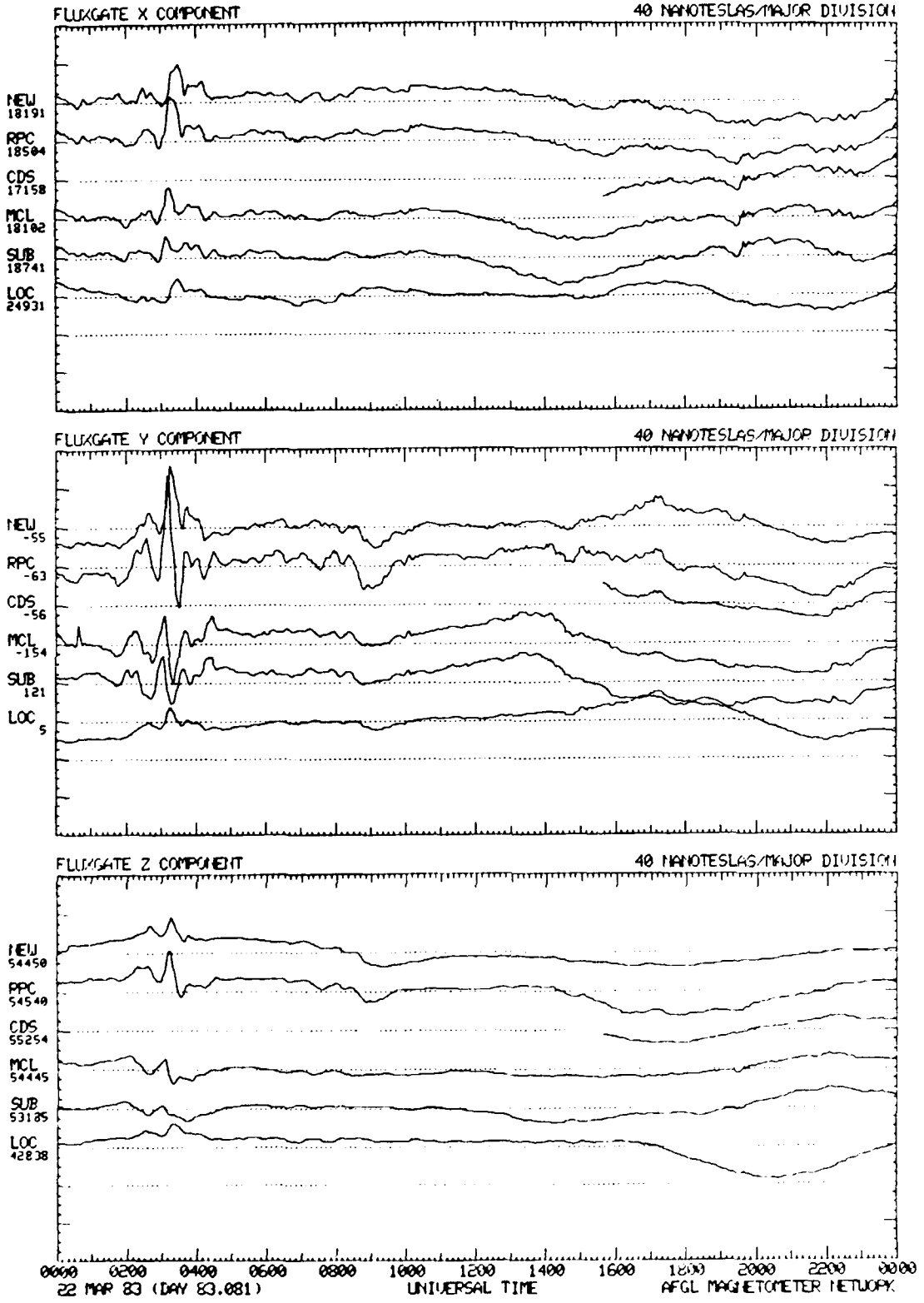

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18193
RPC
18510
CDS
17167
MCL
18104
SUB
18731
LOC
24939
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-57
RPC
-59
CDS
-34
MCL
-109
SUB
125
LOC
3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54450
RPC
54546
CDS
55264
MCL
54458
SUB
53189
LOC
42837
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 MAR 83 (DAY 83.076)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

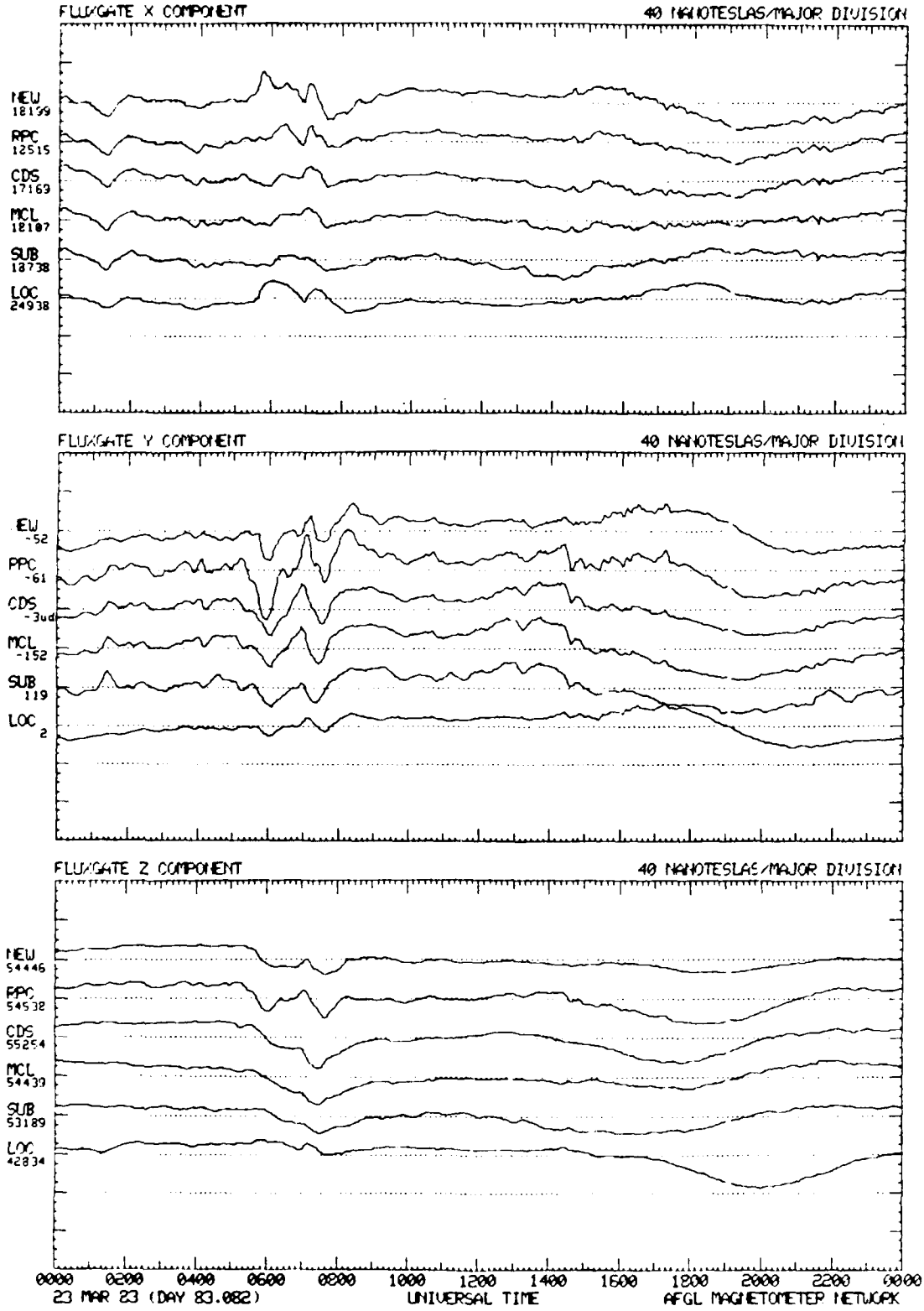

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18196
RPC
18510
CDS
17173
MCL
18112
SUB
18740
LOC
24944
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-54
RPC
-60
CDS
-31
MCL
-115
SUB
120
LOC
4
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54450
RPC
54542
CDS
55260
MCL
54456
SUB
53187
LOC
42838
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 MAR 83 (DAY 83.077)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

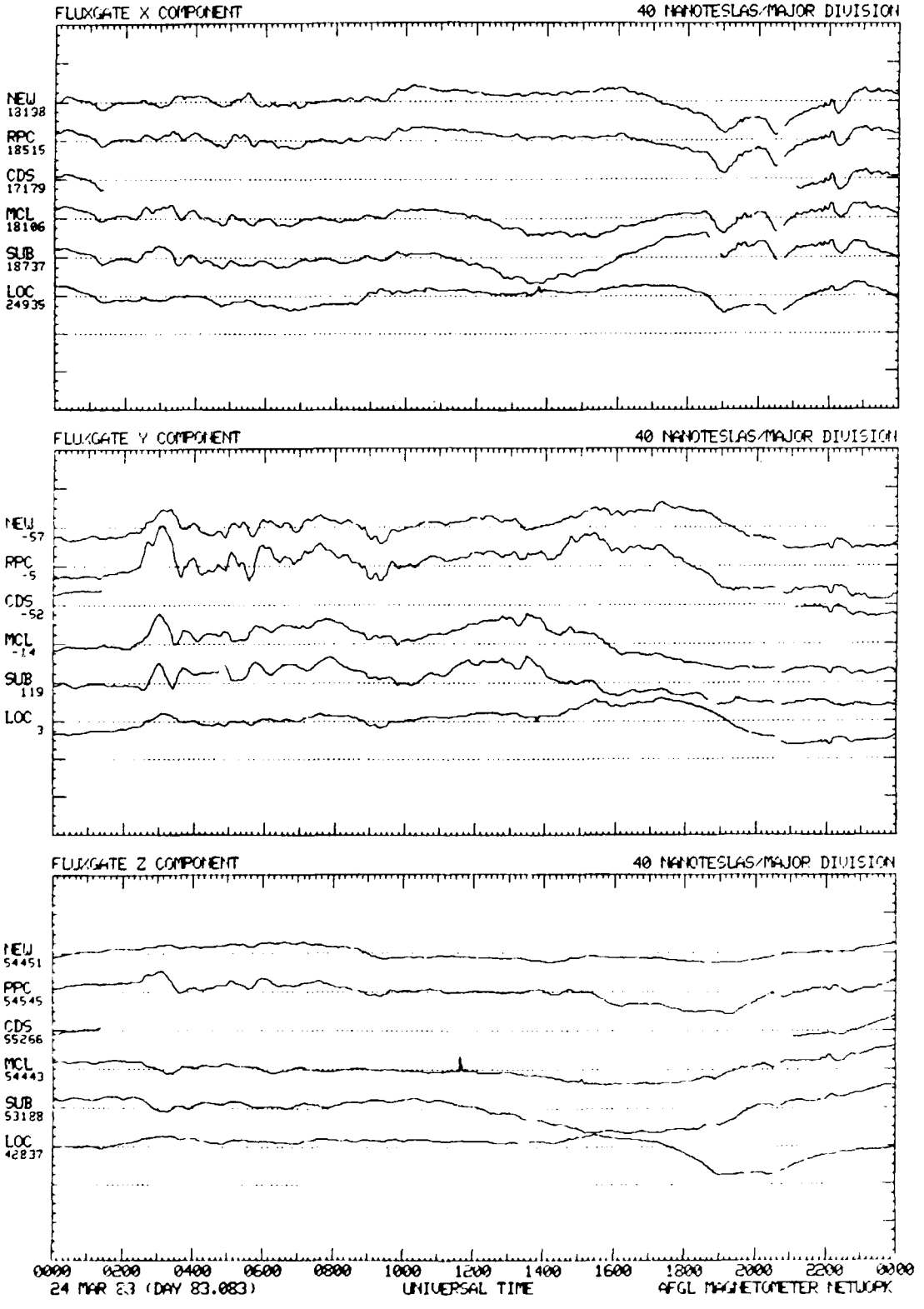

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18180
RPC
18496
CDS
17173
MCL
18099
SUB
18727
LOC
24925
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-53
RPC
-59
CDS
-31
MCL
-116
SUB
122
LOC
5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54443
RPC
54537
CDS
55260
MCL
54458
SUB
53179
LOC
4284
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 MAR 23 (DAY 83.078)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18176
RPC
18490
CDS
17173
MCL
18093
SUB
18730
LOC
24923
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-60
RPC
-61
CDS
-31
MCL
-110
SUB
124
LOC
2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54451
RPC
54545
CDS
55260
MCL
54454
SUB
53183
LOC
42839
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 MAR 83 (DAY 83.079)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18190
RPC
1850
CDS
17173
MCL
18101
SUB
18733
LOC
24934
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-54
RPC
-61
CDS
-31
MCL
-130
SUB
121
LOC
4
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54449
RPC
54543
CDS
55260
MCL
54449
SUB
53129
LOC
42840
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 MAR 23 (DAY 83.080)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

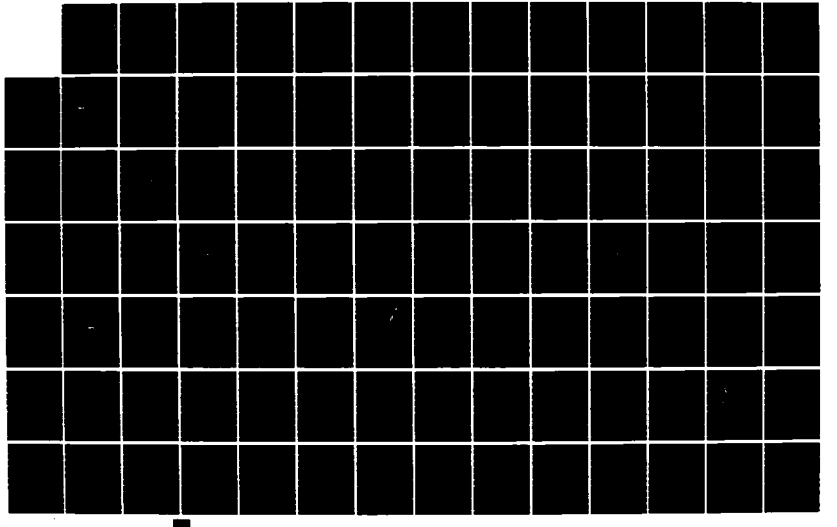

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18191
RPC 18504
CDS 17158
MCL 18102
SUB 18741
LOC 24931
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -55
RPC -63
CDS -56
MCL -154
SUB 121
LOC 5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54450
PPC 54540
CDS 55254
MCL 54445
SUB 53185
LOC 42838
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 MAR 83 (DAY 83.081)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

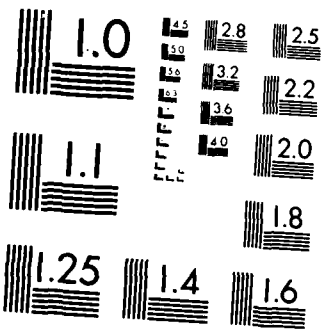

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18159
PPC
12515
CDS
17169
MCL
18187
SUB
18738
LOC
24938
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-52
PPC
-61
CDS
-3ud
MCL
-152
SUB
119
LOC
2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54446
PPC
54538
CDS
55254
MCL
54439
SUB
53189
LOC
42834
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 MAR 23 (DAY 83.082)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18138
RPC
18515
CDS
17179
MCL
18106
SUB
18737
LOC
24935
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-57
RPC
-5
CDS
-52
MCL
-14
SUB
119
LOC
3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54451
RPC
54545
CDS
55266
MCL
54443
SUB
53188
LOC
42837
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 MAR 83 (DAY 83.083)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

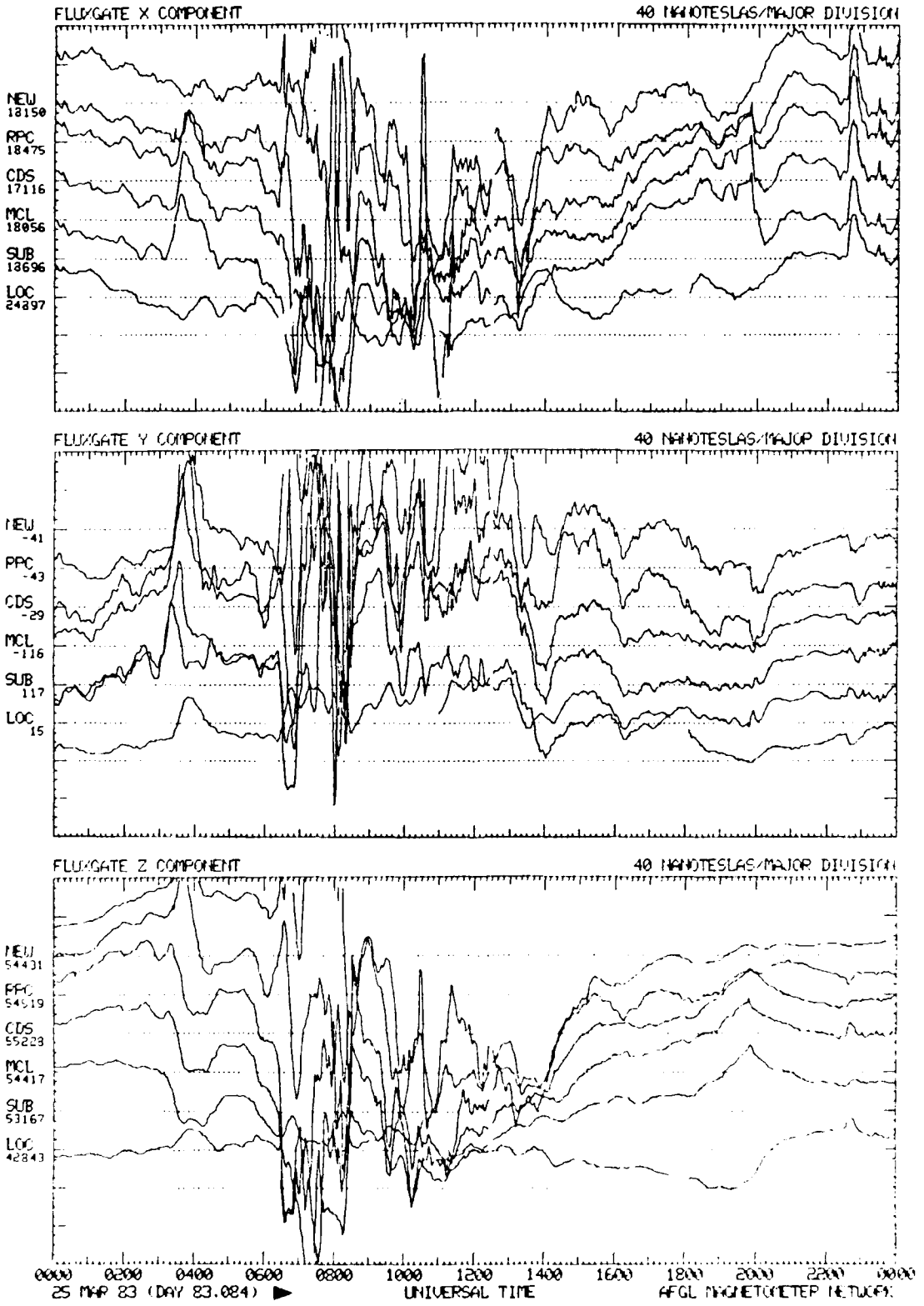
AD-A173 765 DAILY MAGNETOGRAMS FOR 1983 FROM THE AFGL (AIR FORCE GEOPHYSICS LABORATORY) NETWORK(U) AIR FORCE GEOPHYSICS LAB HANSCOM AFB MA D J KNECHT 21 MAR 85 2/5

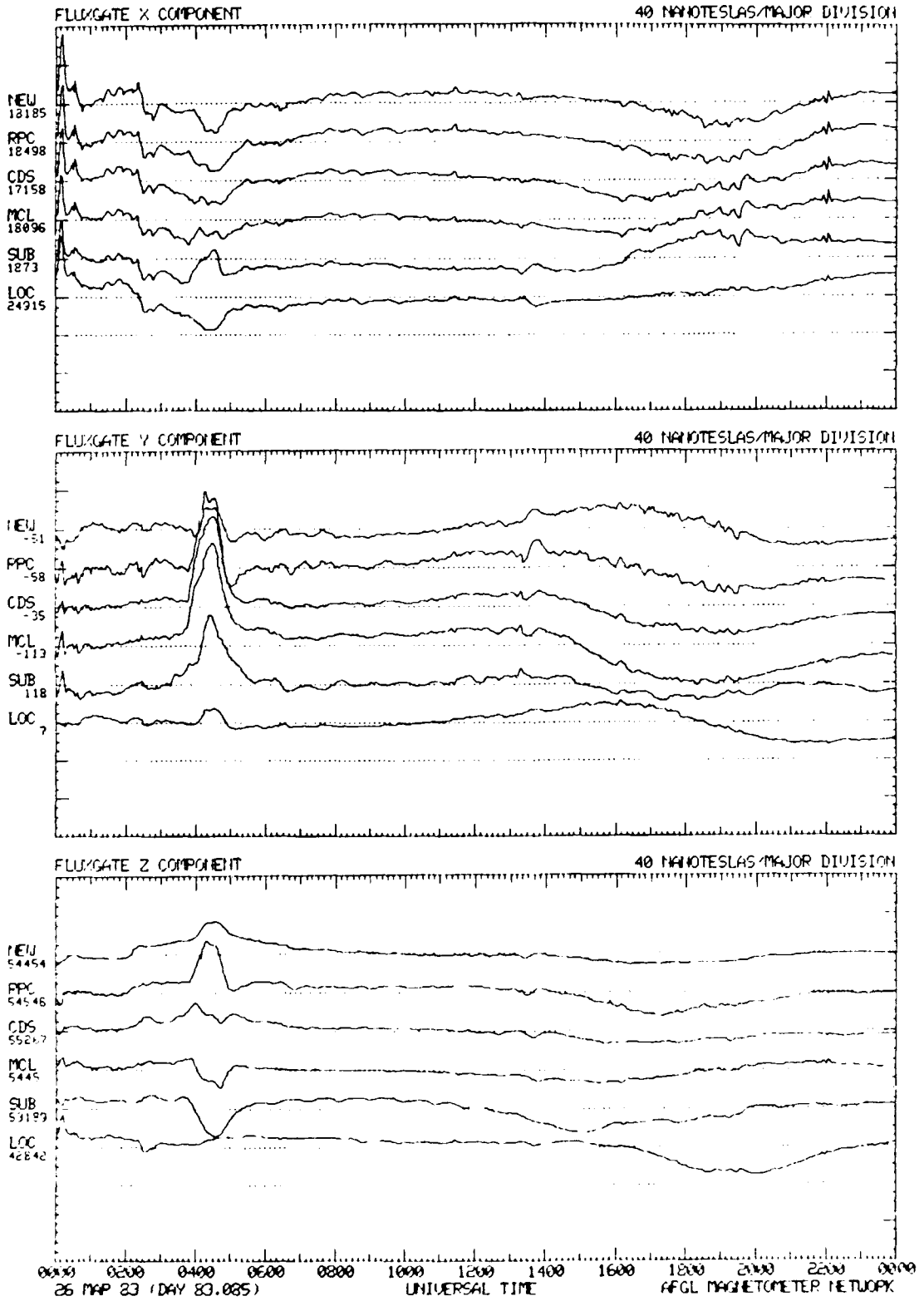
UNCLASSIFIED AFGL-TR-85-0032 F/G 8/14 NL

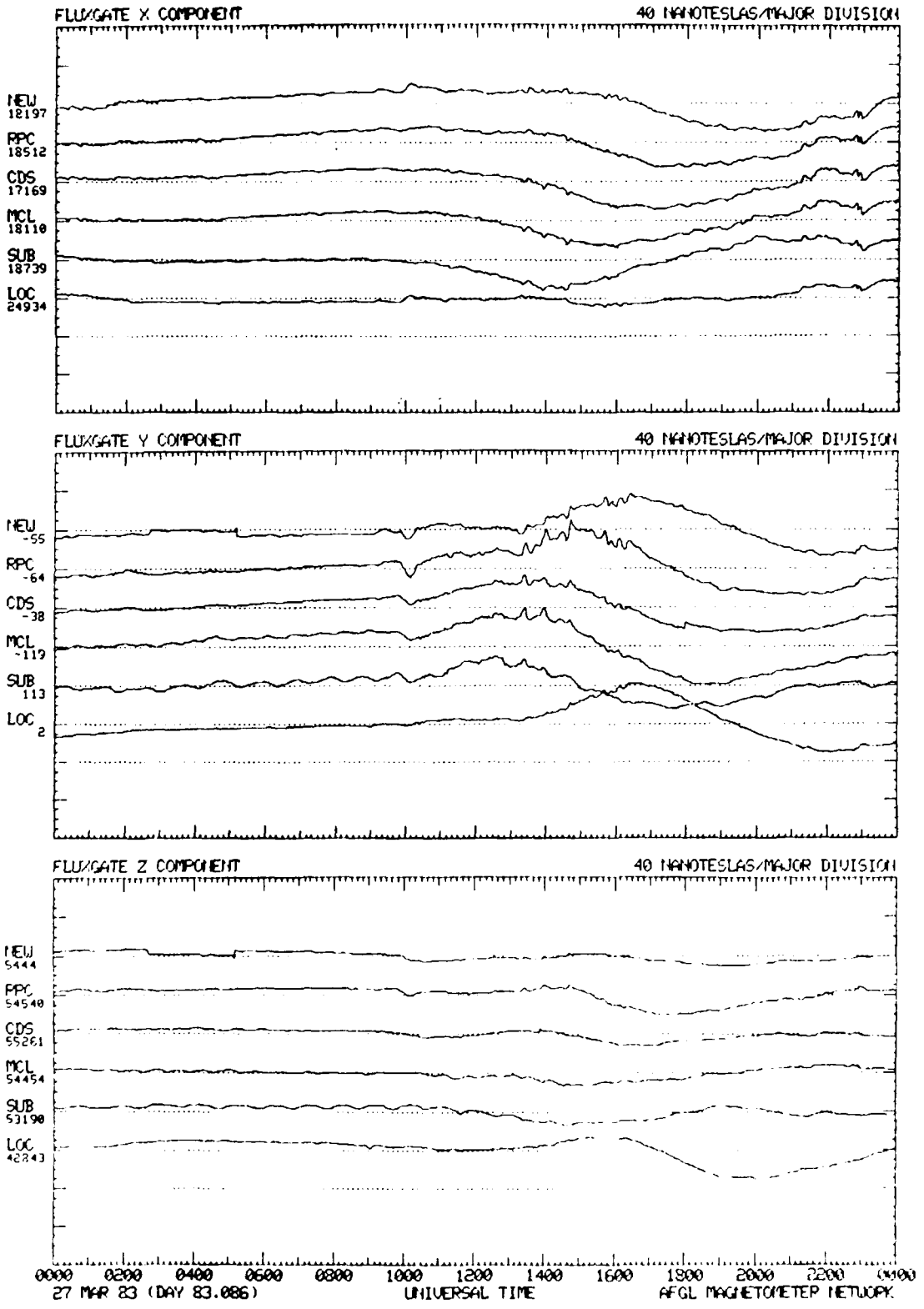


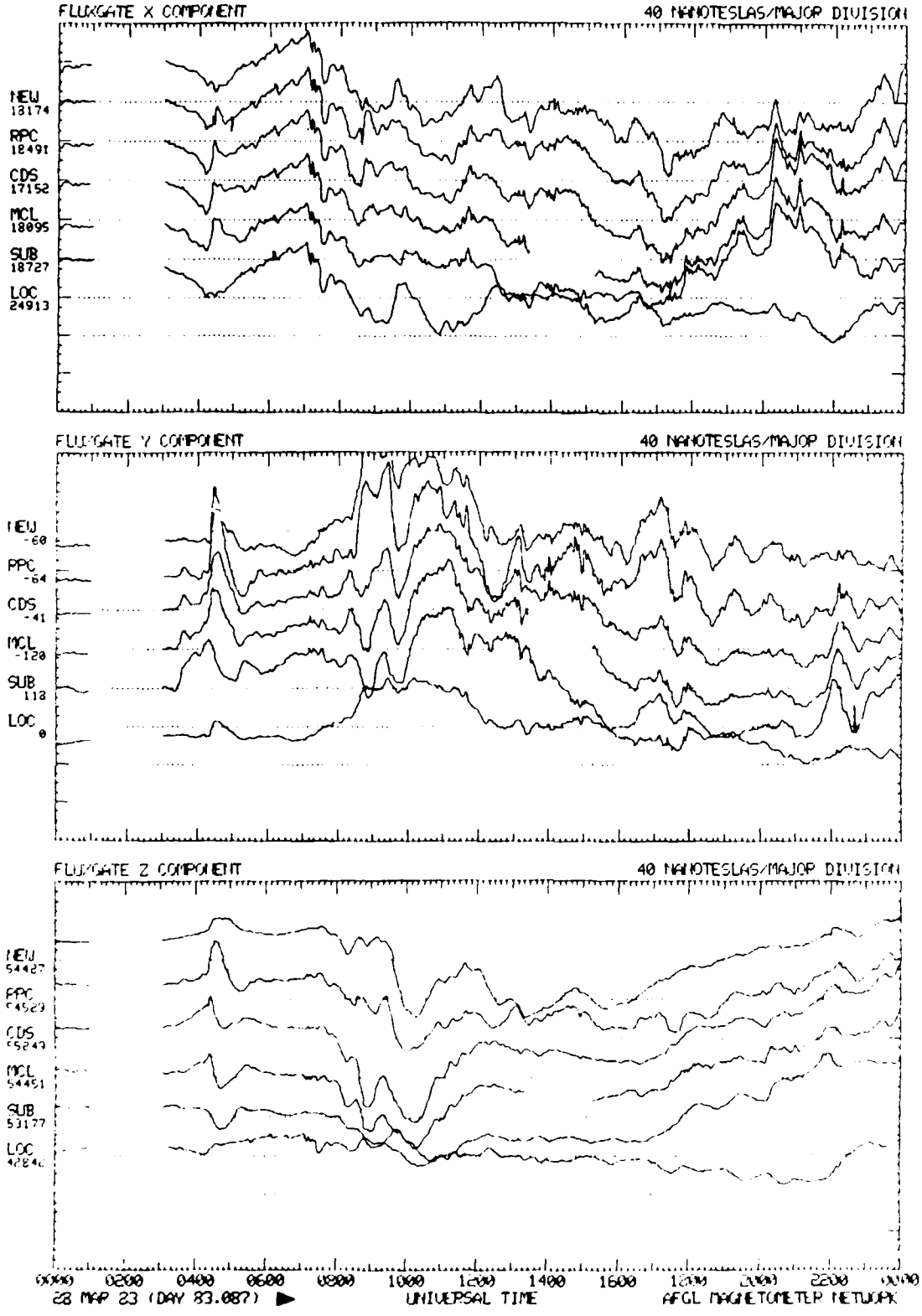


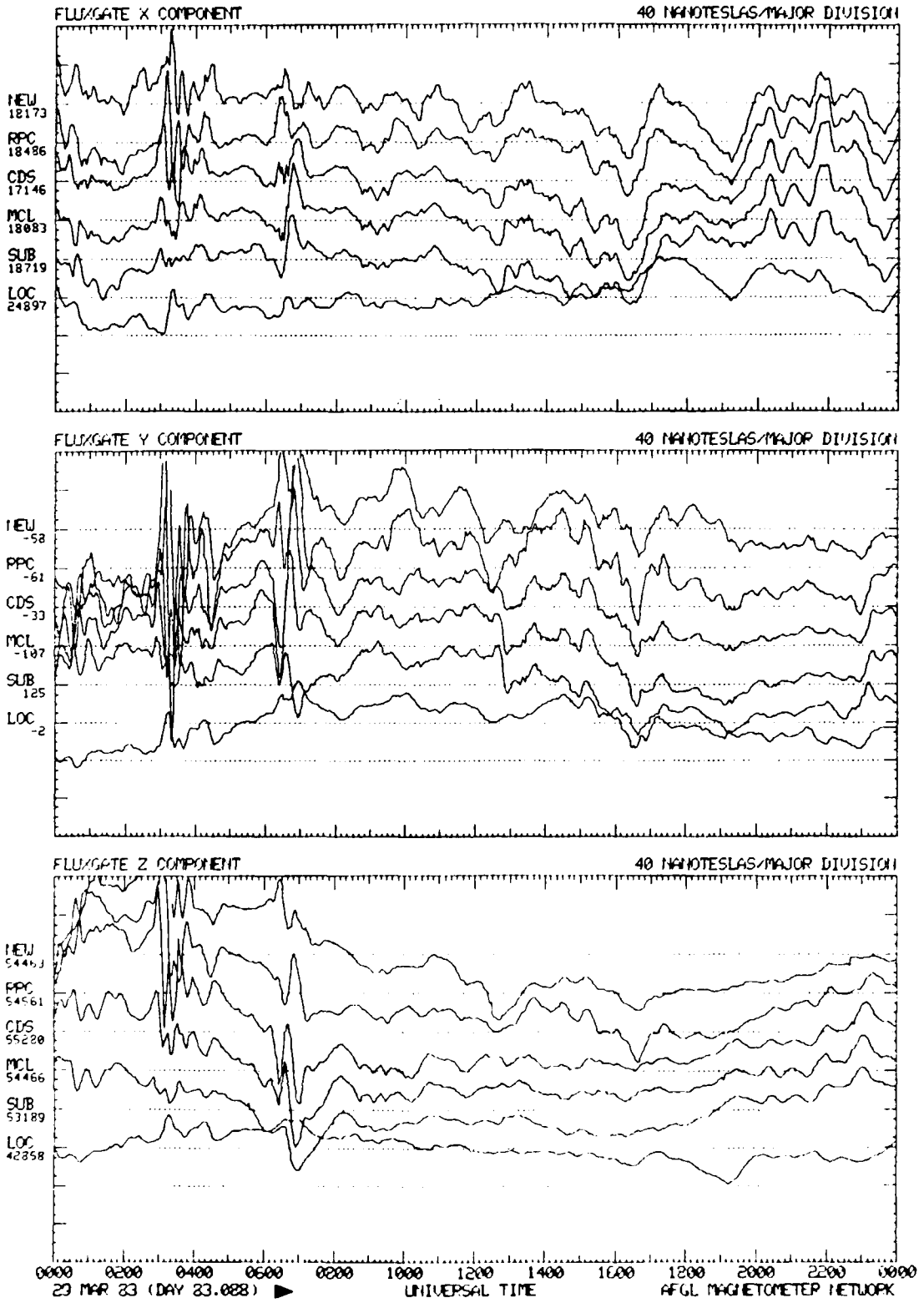
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

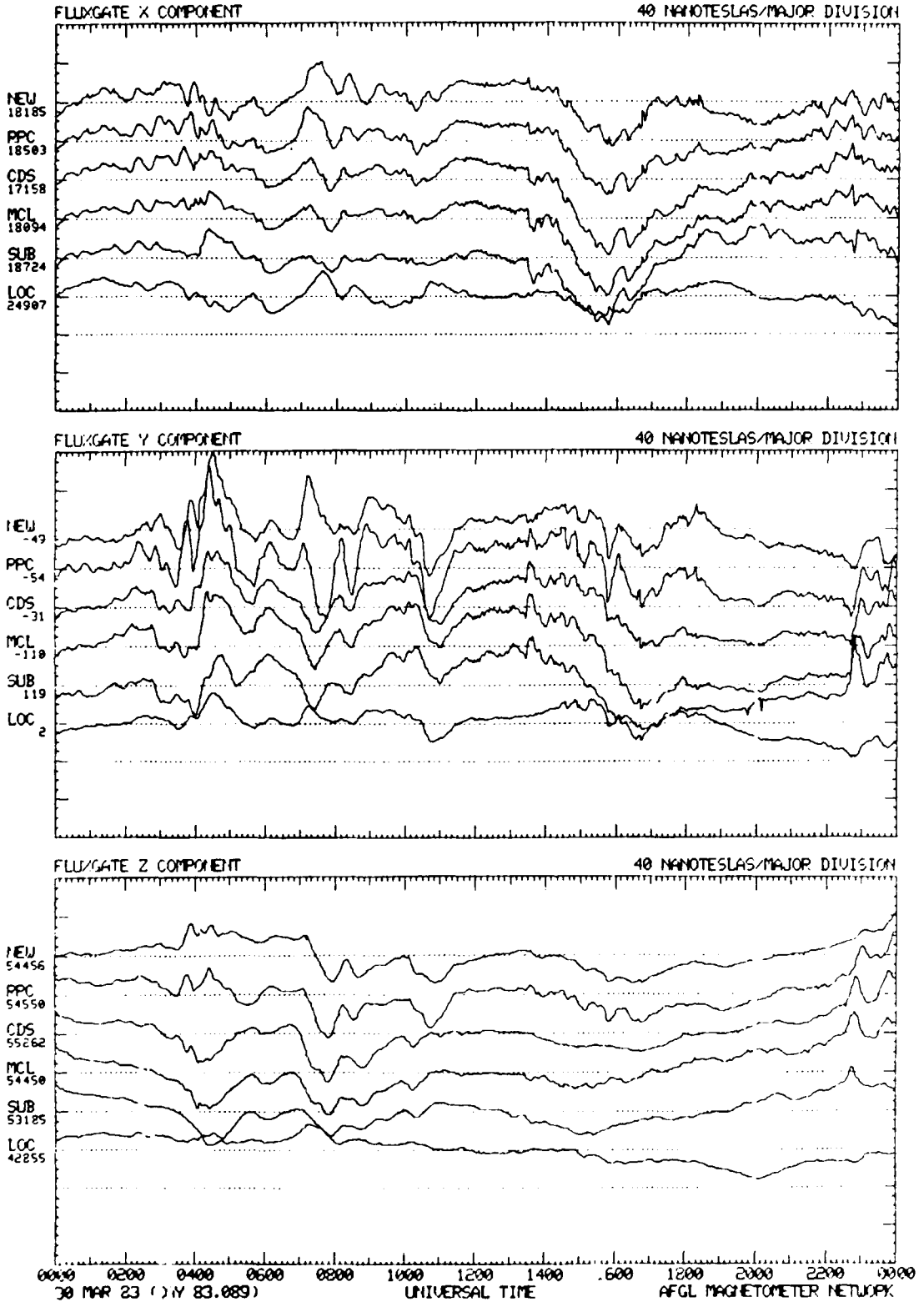

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18150
PPC 18475
CDS 17116
MCL 18056
SUB 18696
LOC 24897
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -41
PPC -43
CDS -29
MCL -116
SUB 117
LOC 15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54431
PPC 54519
CDS 55223
MCL 54417
SUB 53167
LOC 42843
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 MAR 83 (DAY 83.084)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

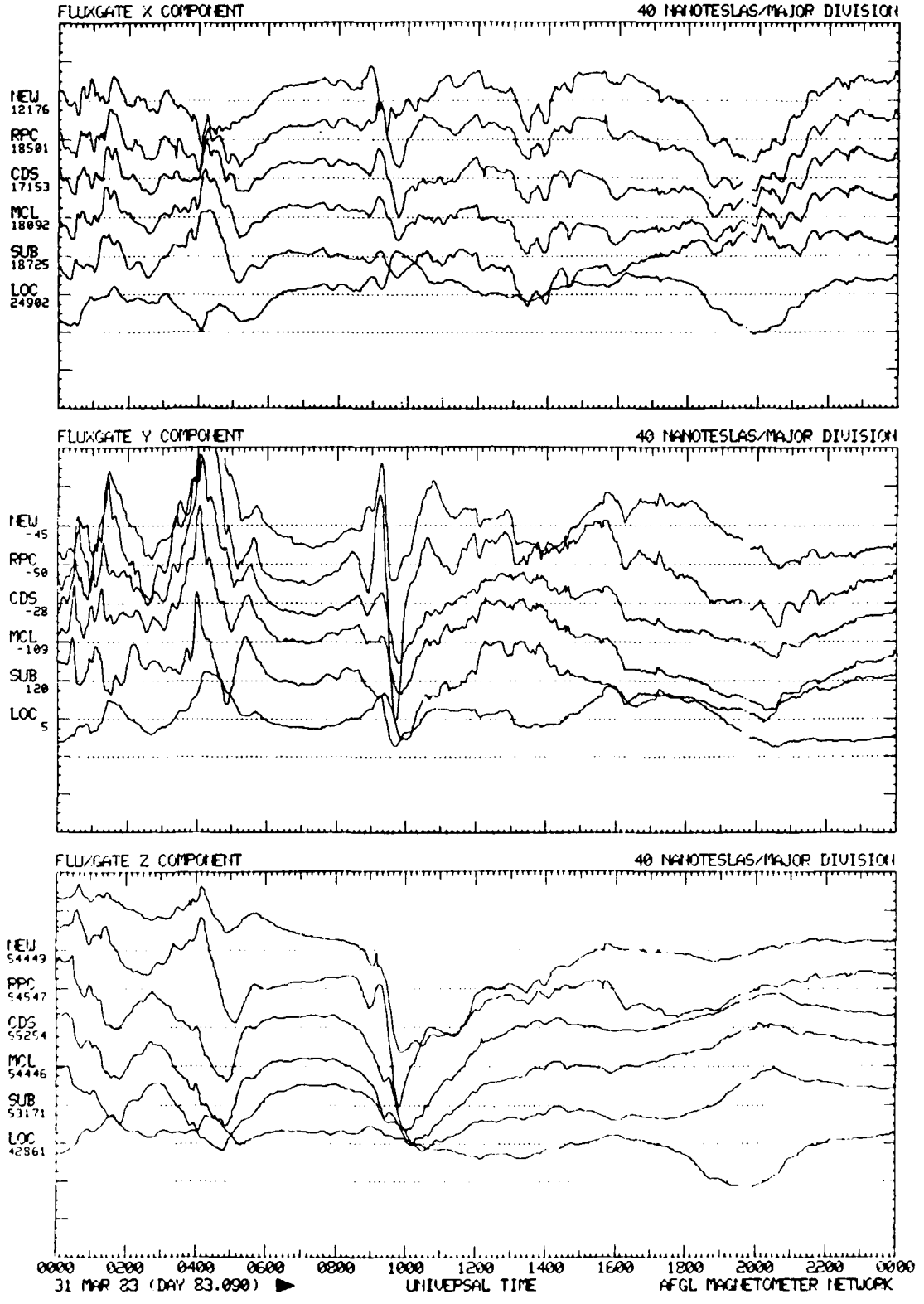

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18185
PPC
18498
CDS
17158
MCL
18096
SUB
1273
LOC
24915
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-51
PPC
-58
CDS
-35
MCL
-113
SUB
118
LOC
7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54454
PPC
54546
CDS
55267
MCL
5445
SUB
53199
LOC
42842
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
26 MAR 83 (DAY 83.085)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

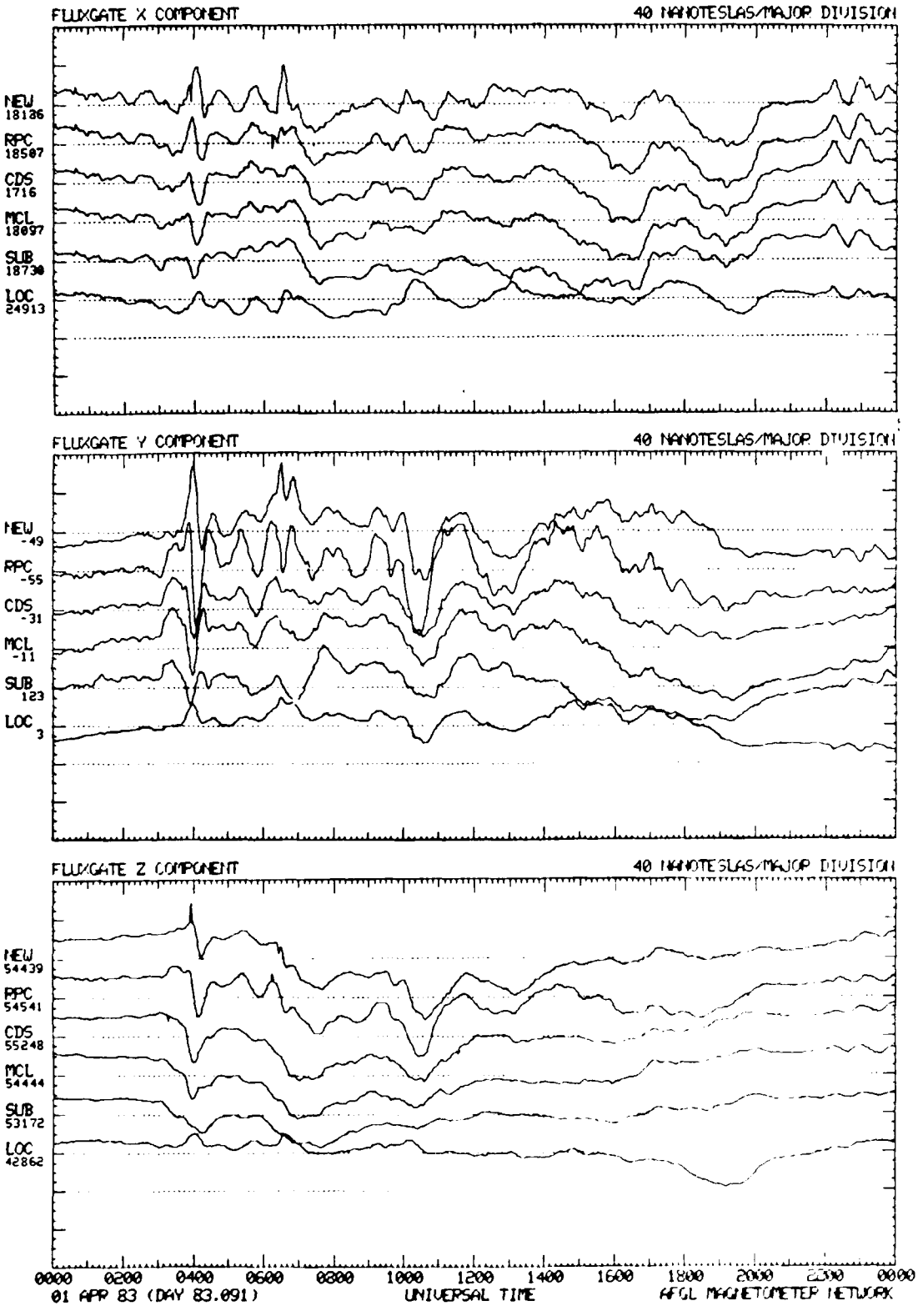

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18197
RPC
18512
CDS
17169
MCL
18110
SUB
18739
LOC
24934
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-55
RPC
-64
CDS
-38
MCL
-119
SUB
113
LOC
2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54444
RPC
54540
CDS
55261
MCL
54454
SUB
53190
LOC
42843
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 MAR 83 (DAY 83.086)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

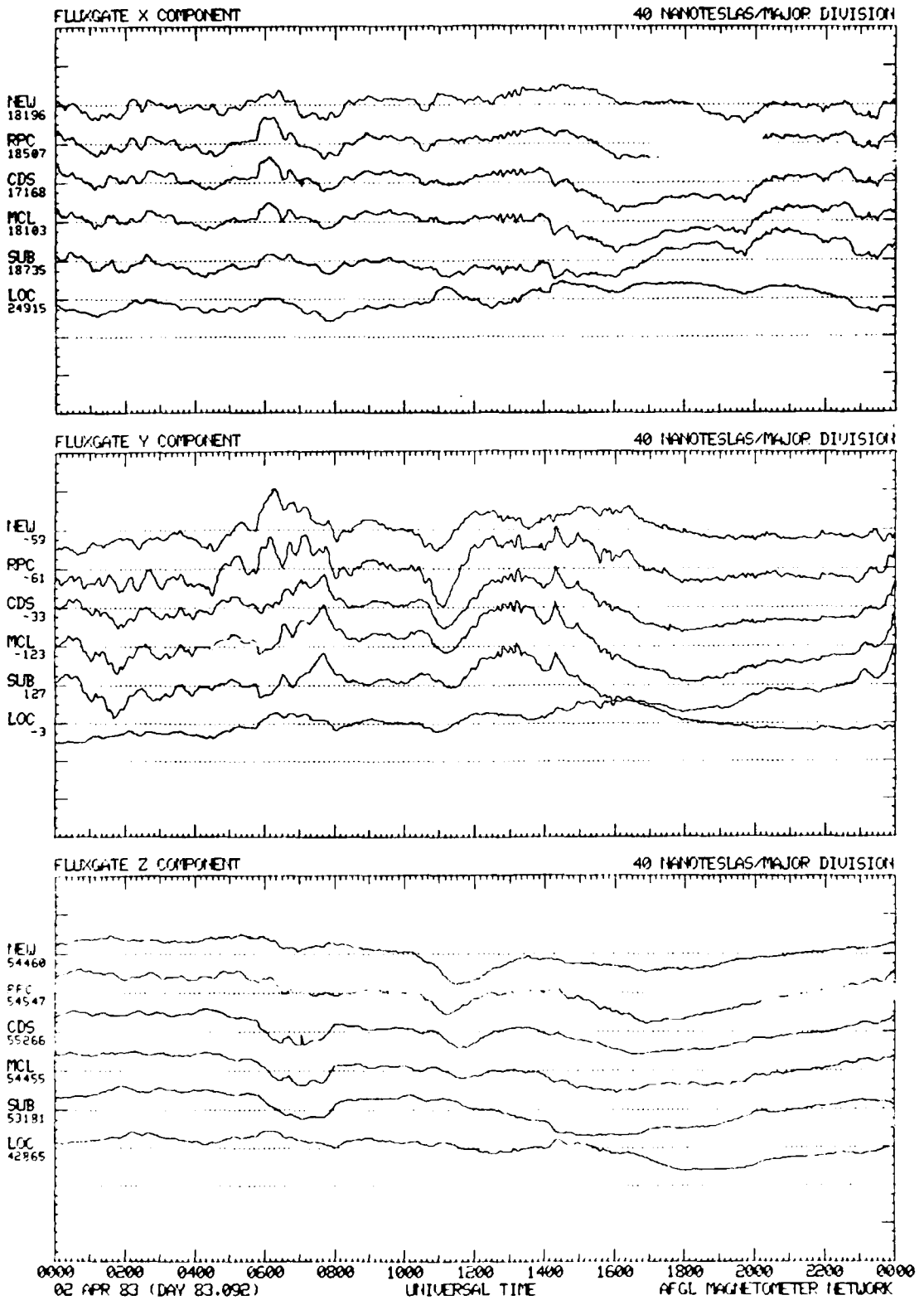

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18174
RPC 18491
CDS 17152
MCL 18095
SUB 18727
LOC 24913
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -60
PPC -64
CDS -41
MCL -120
SUB 118
LOC 0
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54427
RPC 54529
CDS 55243
MCL 54451
SUB 53177
LOC 42840
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 MAR 23 (DAY 83.087)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

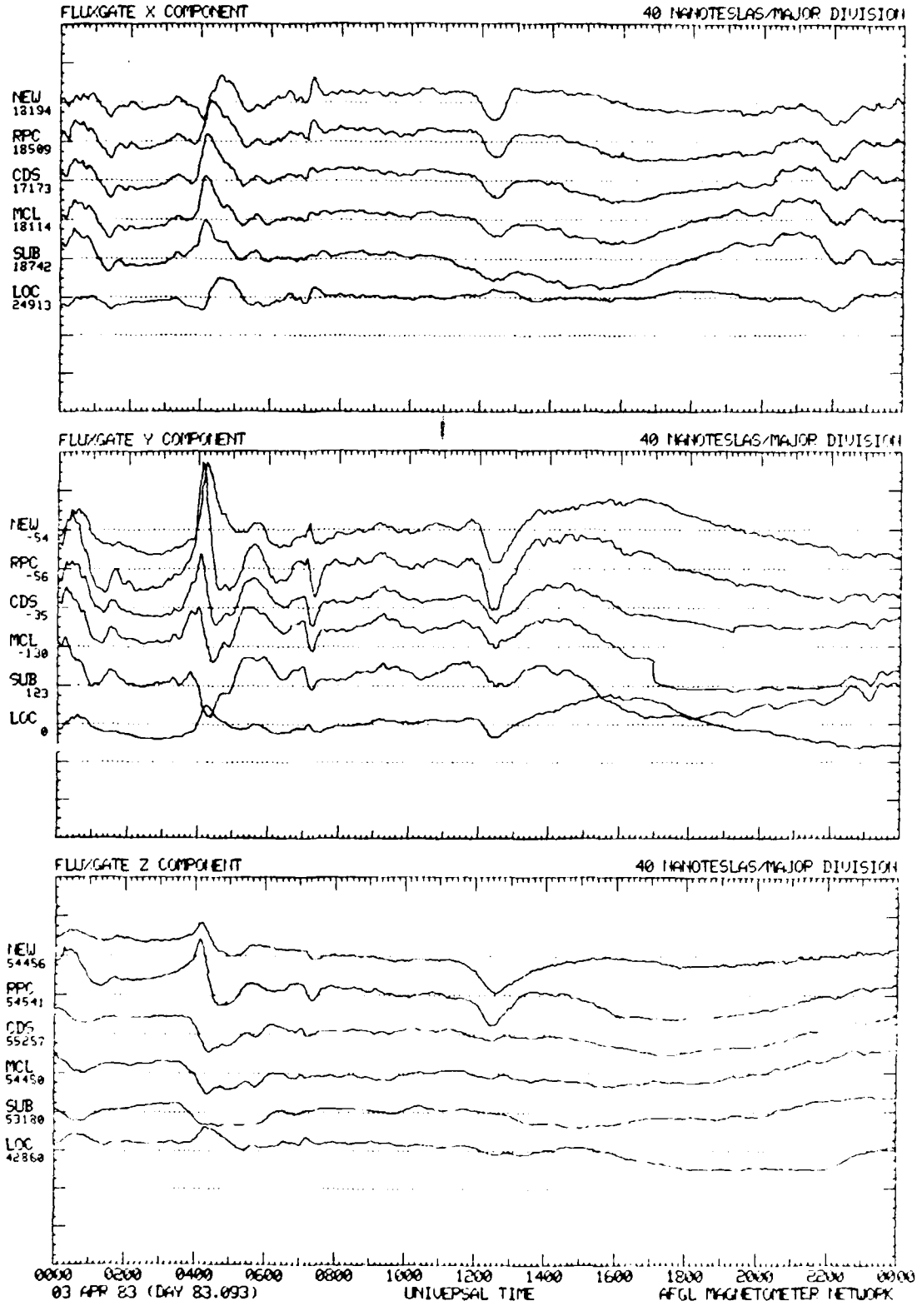

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18173
RPC
18486
CDS
17146
MCL
18083
SUB
18719
LOC
24897
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-58
RPC
-61
CDS
-33
MCL
-107
SUB
125
LOC
-2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54461
RPC
54661
CDS
55220
MCL
54466
SUB
53189
LOC
42858
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 MAR 83 (DAY 83.088)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

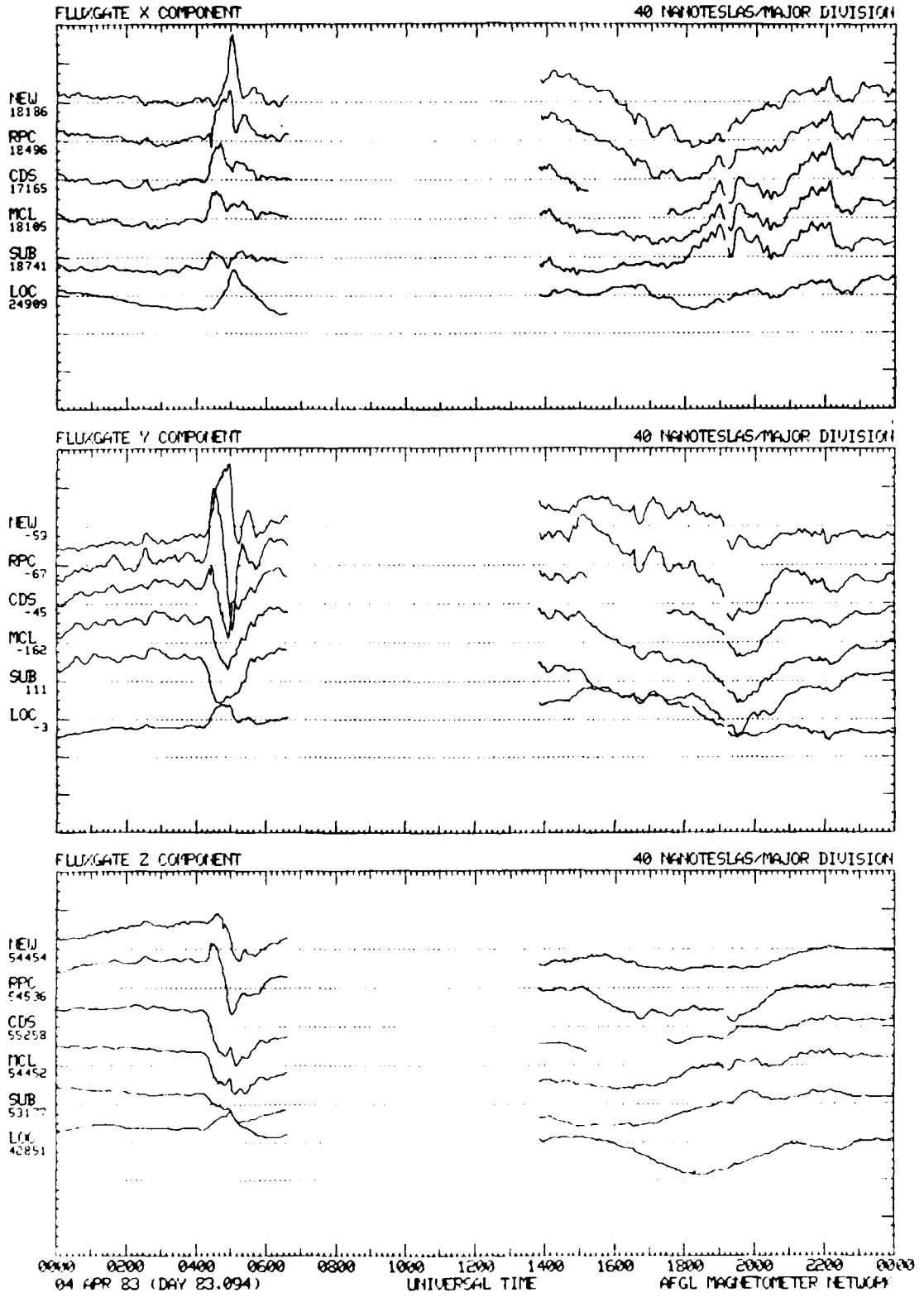

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18185
PPC
18503
CDS
17158
MCL
18094
SUB
18724
LOC
24907
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-49
PPC
-54
CDS
-31
MCL
-110
SUB
119
LOC
2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54456
PPC
54550
CDS
55262
MCL
54450
SUB
53185
LOC
42855
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 MAR 23 (089 83.089)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

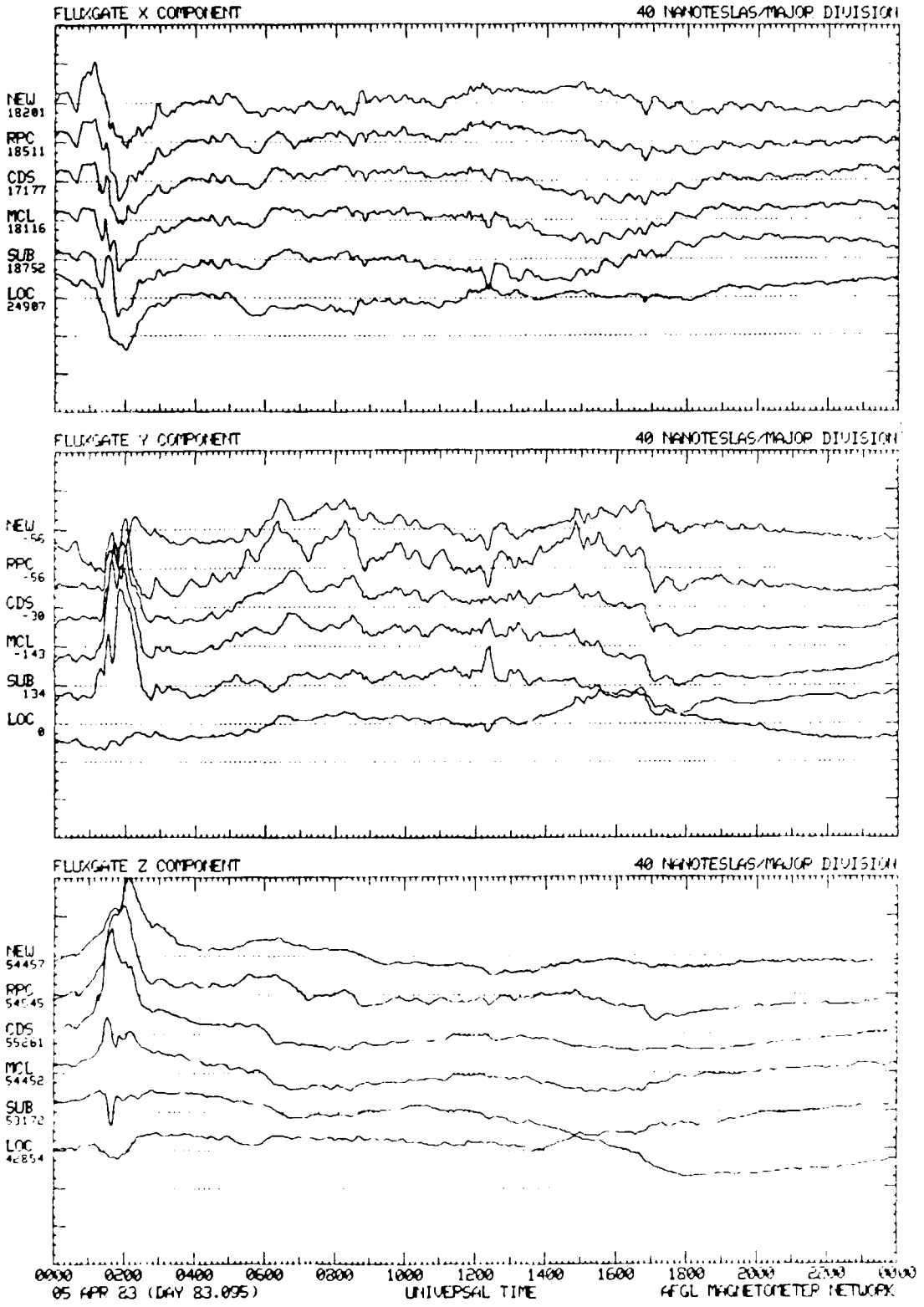

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12176
RPC
18501
CDS
17153
MCL
18092
SUB
18725
LOC
24902
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-45
RPC
-50
CDS
-28
MCL
-109
SUB
120
LOC
5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54449
RPC
54547
CDS
55254
MCL
54446
SUB
53171
LOC
42861
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
31 MAR 83 (DAY 83.090)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

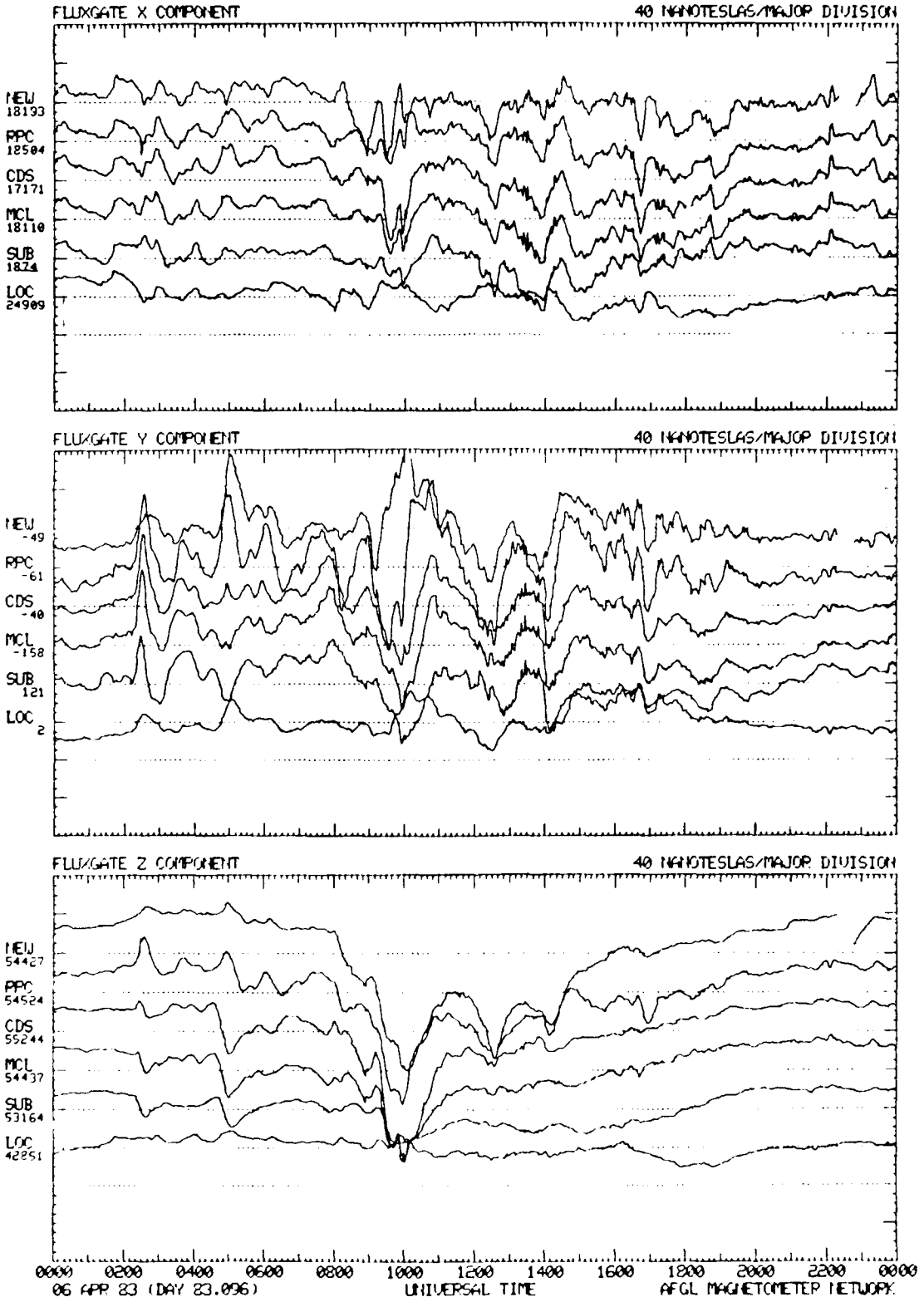

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18186
RPC 18507
CDS 1716
MCL 18097
SUB 18730
LOC 24913
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -49
RPC -55
CDS -31
MCL -11
SUB 123
LOC 3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54439
RPC 54541
CDS 55248
MCL 54444
SUB 53172
LOC 42862
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2300 0000
01 APR 83 (DAY 83.091)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

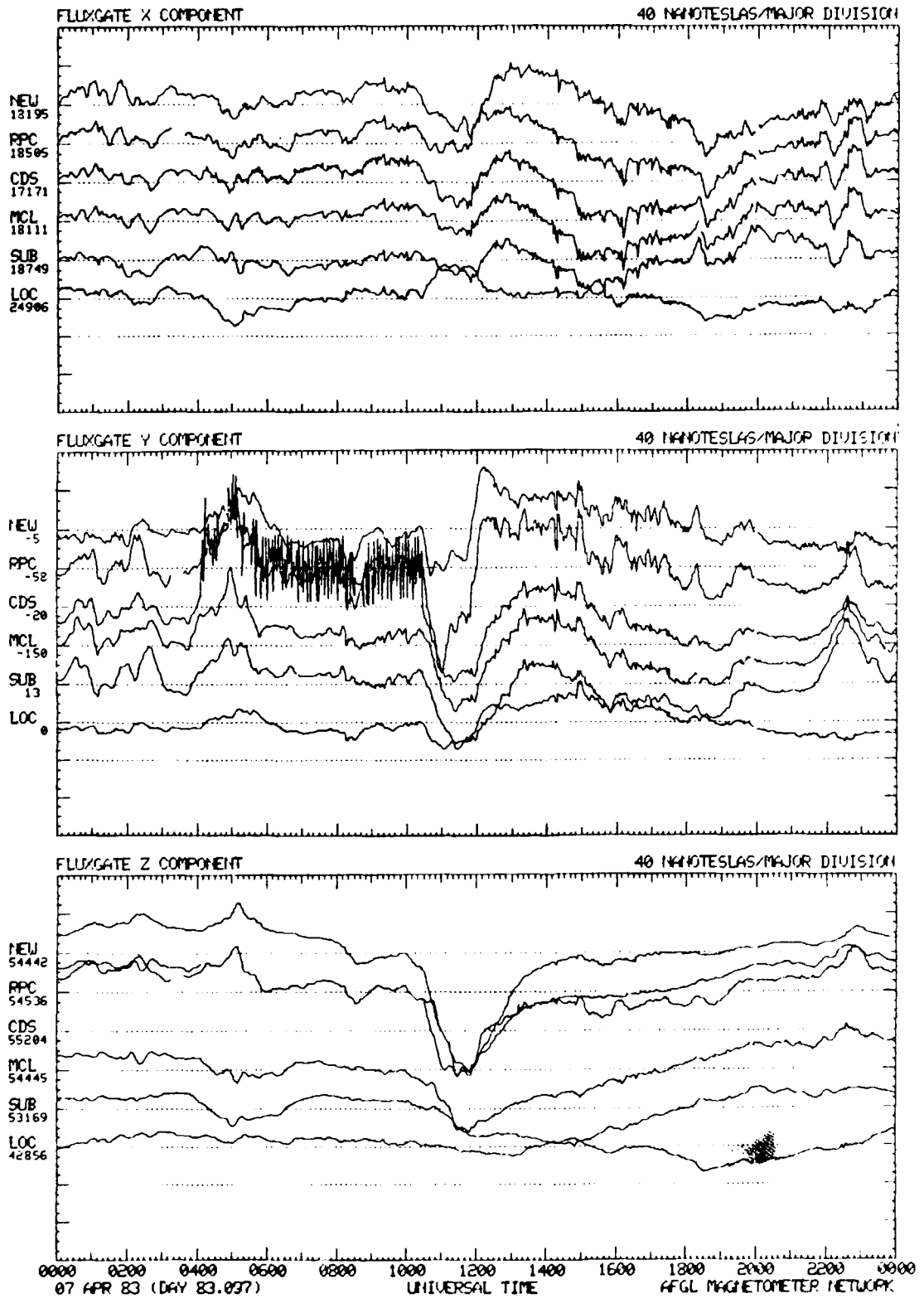

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18196
RPC
18507
CDS
17168
MCL
18103
SUB
18735
LOC
24915
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-59
RPC
-61
CDS
-33
MCL
-123
SUB
127
LOC
-3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54460
RPC
54547
CDS
55266
MCL
54455
SUB
53181
LOC
42865
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 APR 83 (DAY 83.092)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

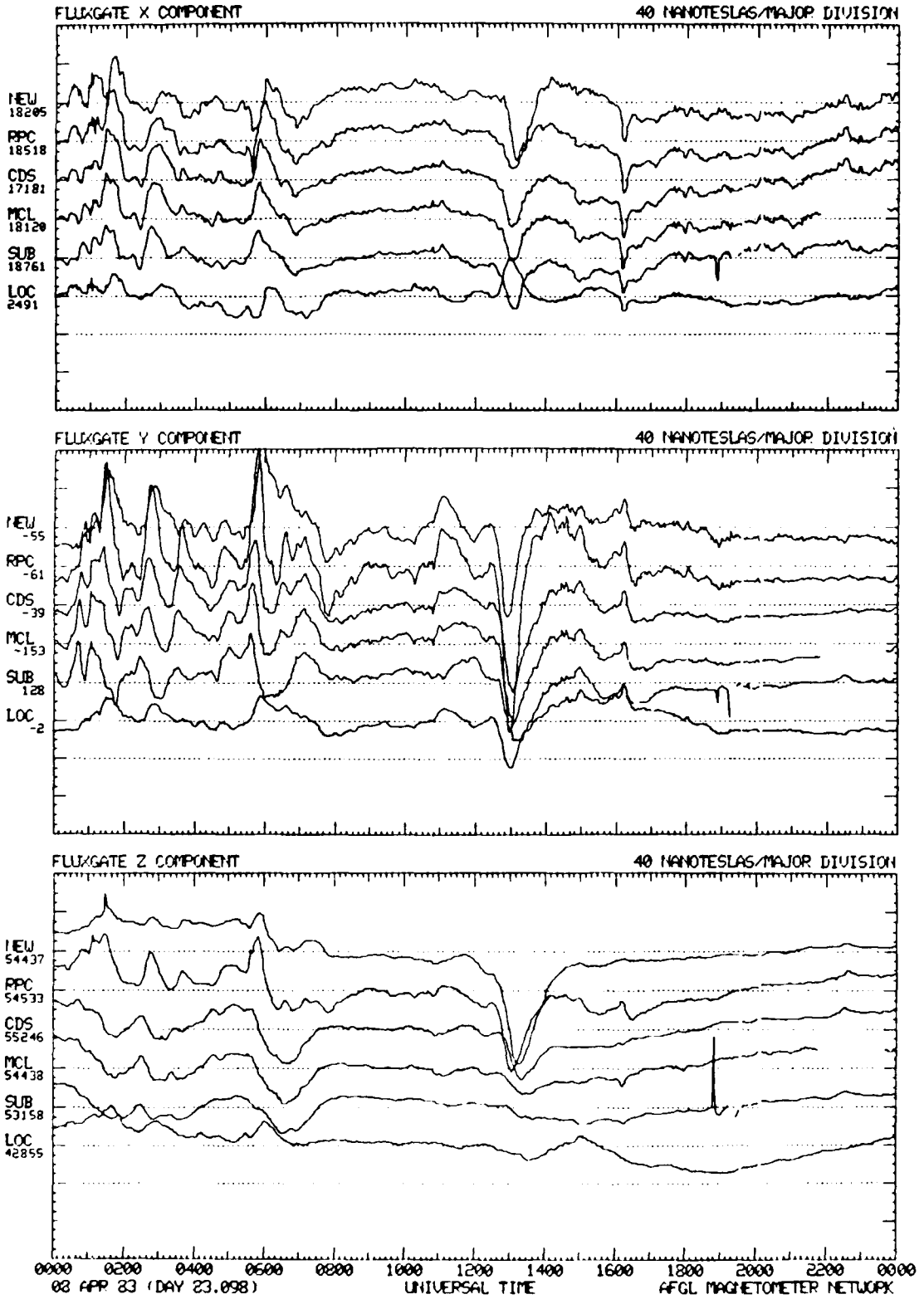

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18194
RPC 18509
CDS 17173
MCL 18114
SUB 18742
LOC 24913
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -54
RPC -56
CDS -35
MCL -130
SUB 123
LOC 0
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54456
RPC 54541
CDS 55257
MCL 54450
SUB 53180
LOC 42860
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 APR 83 (DAY 83.093)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

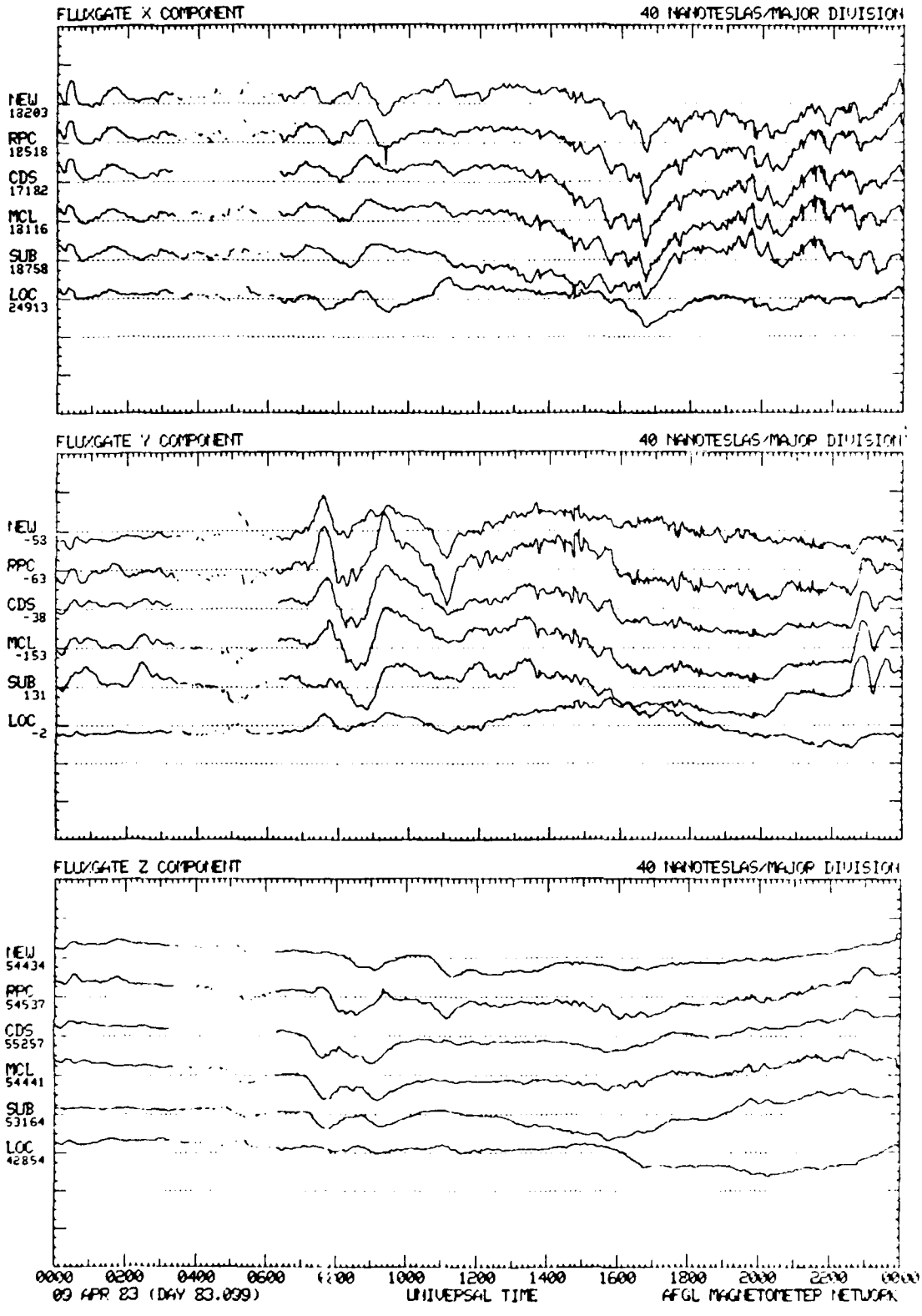

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18186
RPC
18496
CDS
17165
MCL
18105
SUB
18741
LOC
24909
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-59
RPC
-67
CDS
-45
MCL
-162
SUB
111
LOC
-3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54454
RPC
54536
CDS
55258
MCL
54452
SUB
LOC
42851
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 APR 83 (DAY 83.094)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

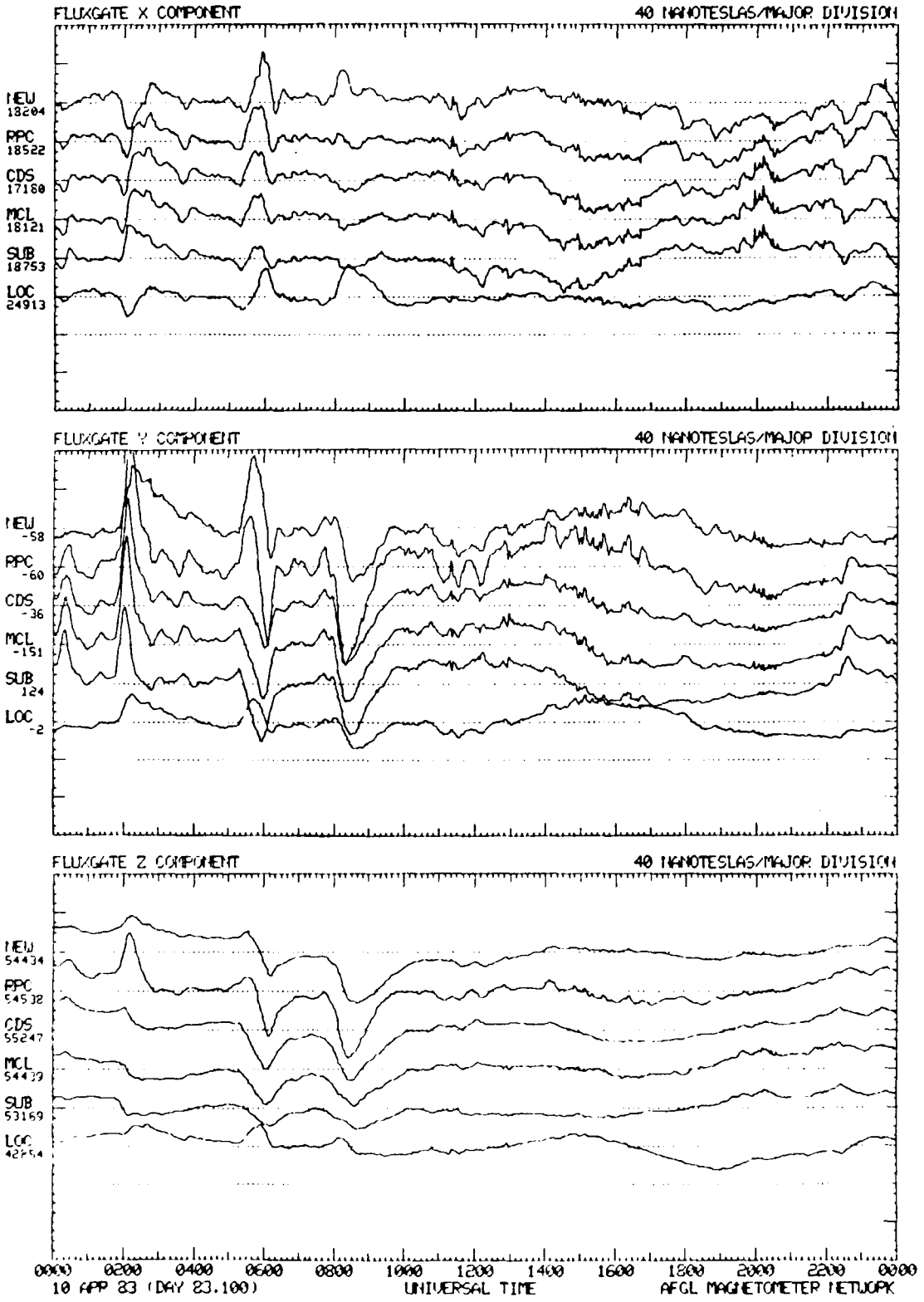

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18201
RPC 18511
CDS 17177
MCL 18116
SUB 18752
LOC 24907
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -56
CDS -30
MCL -143
SUB 134
LOC 0
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54457
RPC 54545
CDS 55261
MCL 54452
SUB 53172
LOC 42854
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 APR 83 (DAY 83.095)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

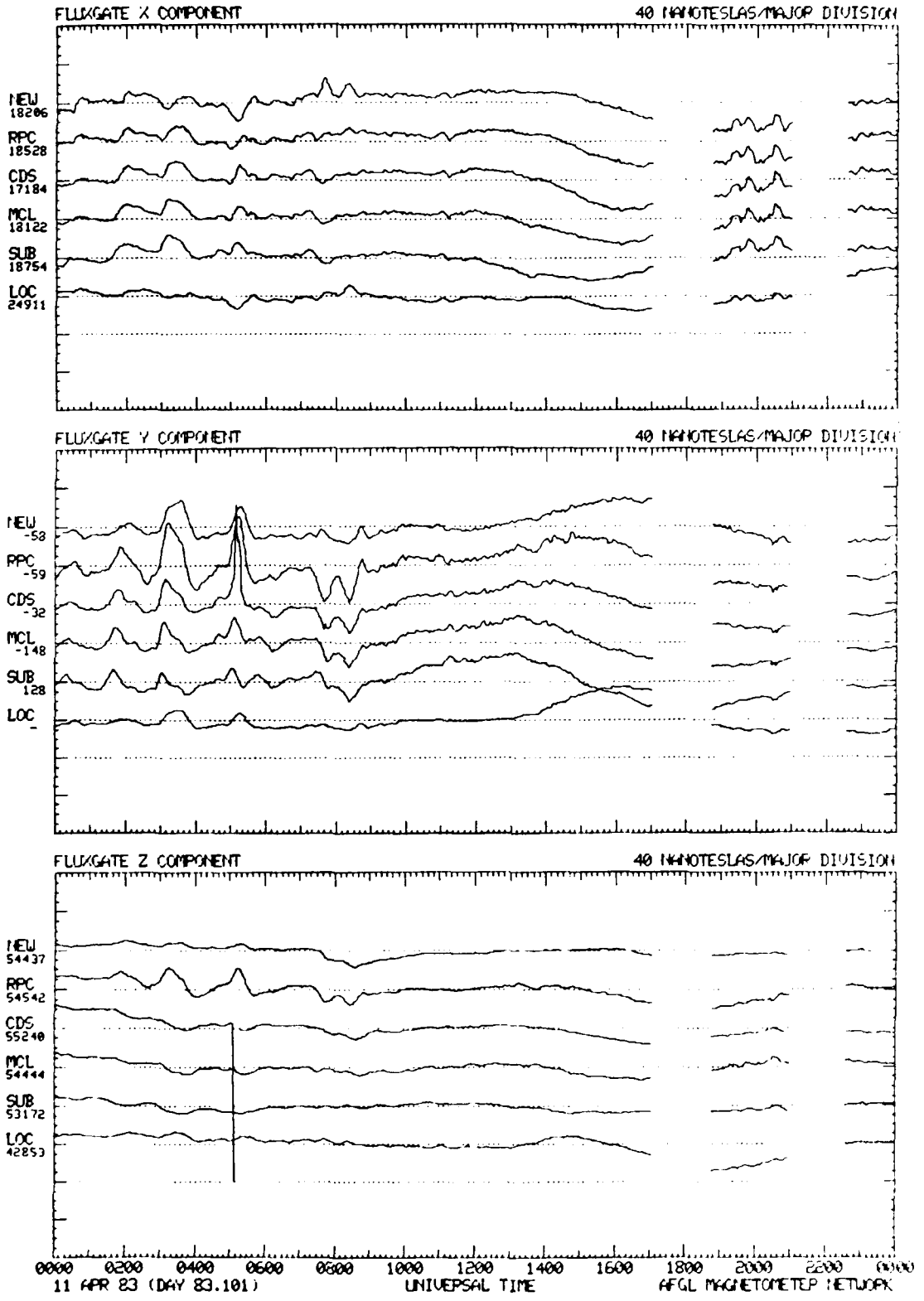

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18193
RPC 18504
CDS 17171
MCL 18110
SUB 18744
LOC 24909
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -49
RPC -61
CDS -40
MCL -158
SUB 121
LOC 2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54427
RPC 54524
CDS 55244
MCL 54437
SUB 53164
LOC 42851
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 APR 83 (DAY 83.096)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

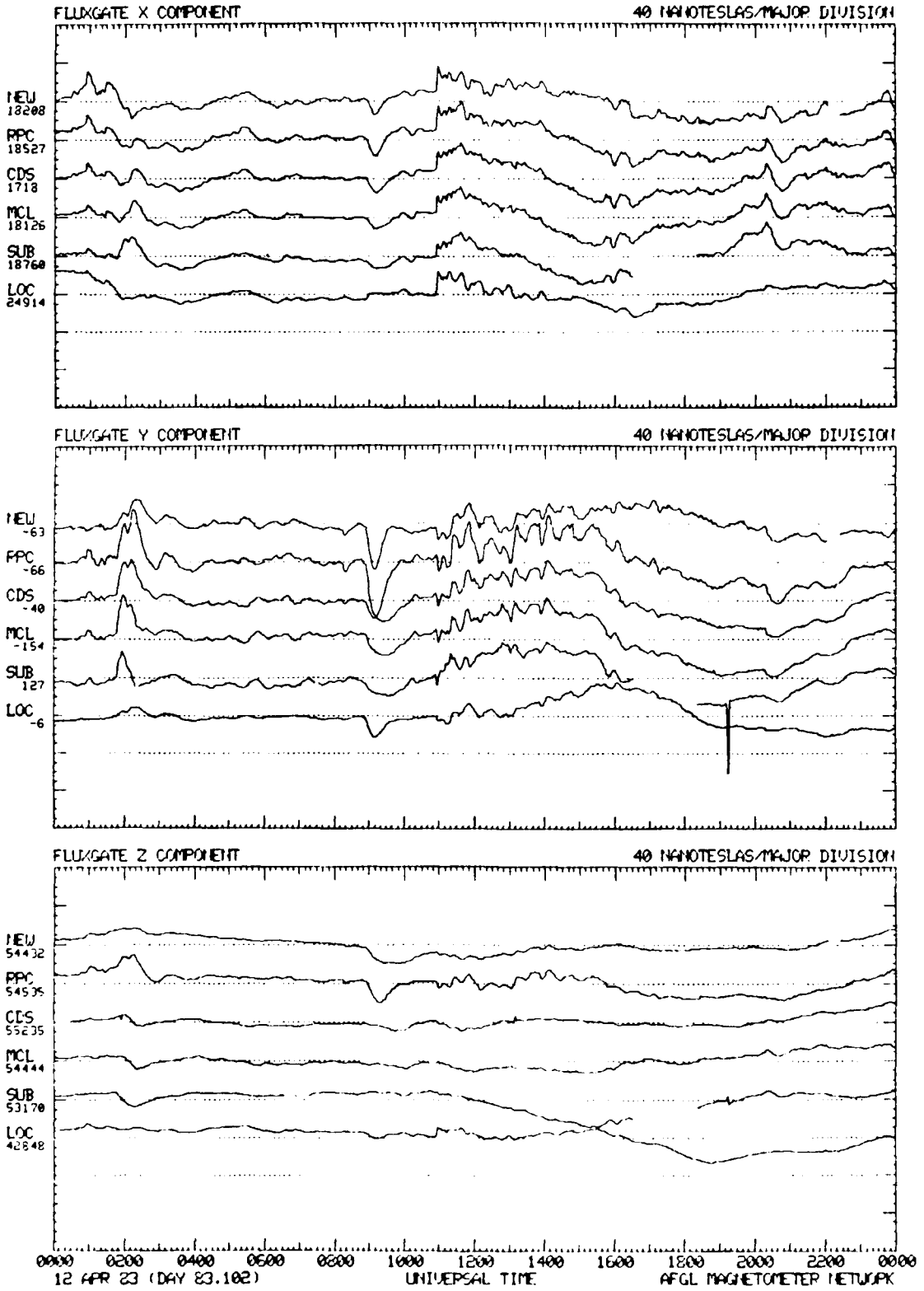

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13195
RPC 18505
CDS 17171
MCL 18111
SUB 18749
LOC 24906
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -5
RPC -52
CDS -20
MCL -150
SUB 13
LOC 0
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54442
RPC 54536
CDS 55204
MCL 54445
SUB 53169
LOC 42856
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 APR 83 (DAY 83.097)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

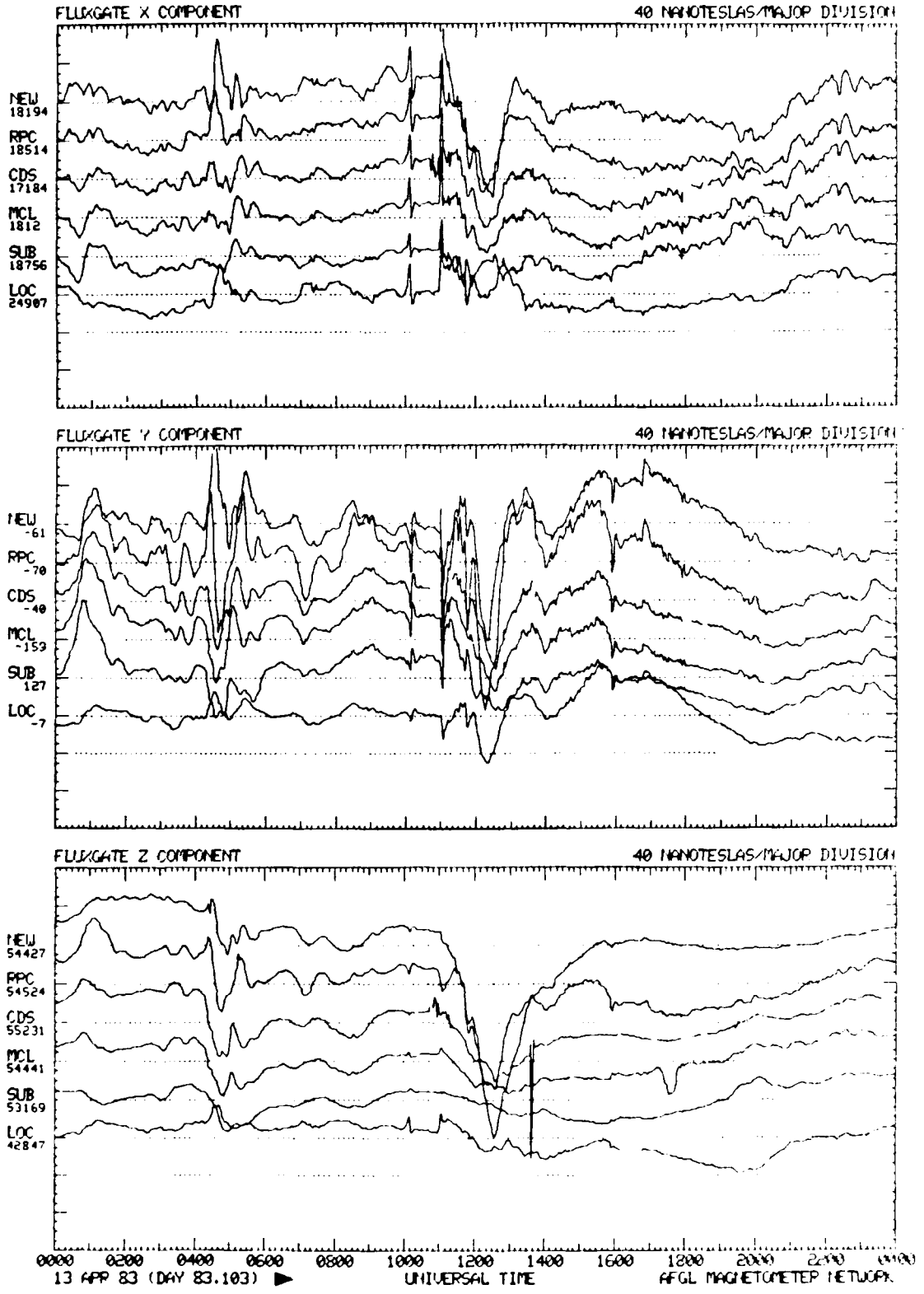

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18205
RPC
18518
CDS
17181
MCL
18120
SUB
18761
LOC
2491
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-55
RPC
-61
CDS
-39
MCL
-153
SUB
128
LOC
-2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54437
RPC
54533
CDS
55246
MCL
54438
SUB
53158
LOC
42855
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
08 APR 83 (DAY 23.098)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

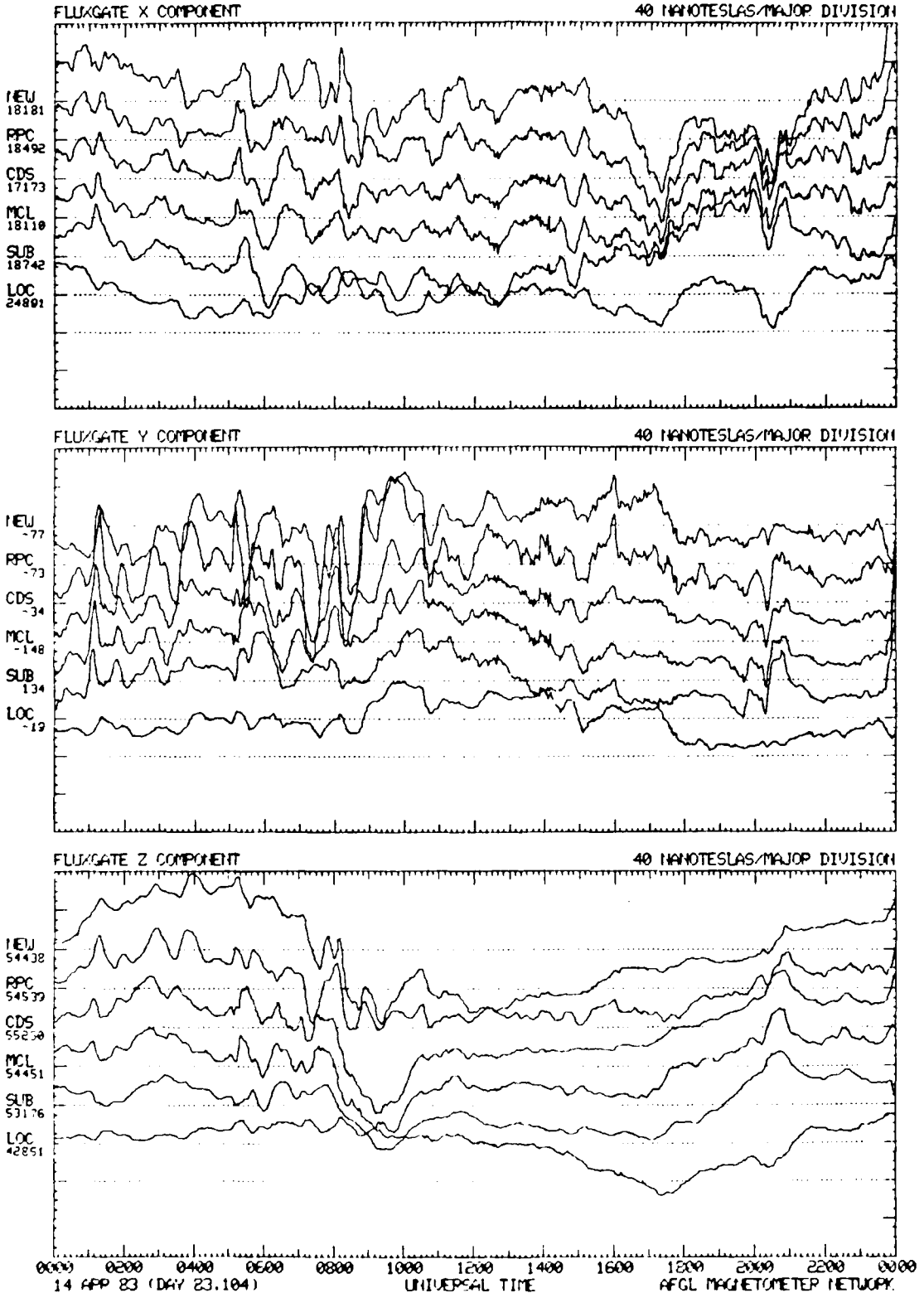

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18203
RPC
18518
CDS
17182
MCL
18116
SUB
18758
LOC
24913
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-53
RPC
-63
CDS
-38
MCL
-153
SUB
131
LOC
-2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54434
RPC
54537
CDS
55257
MCL
54441
SUB
53164
LOC
42854
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
09 APR 83 (DAY 83.099)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

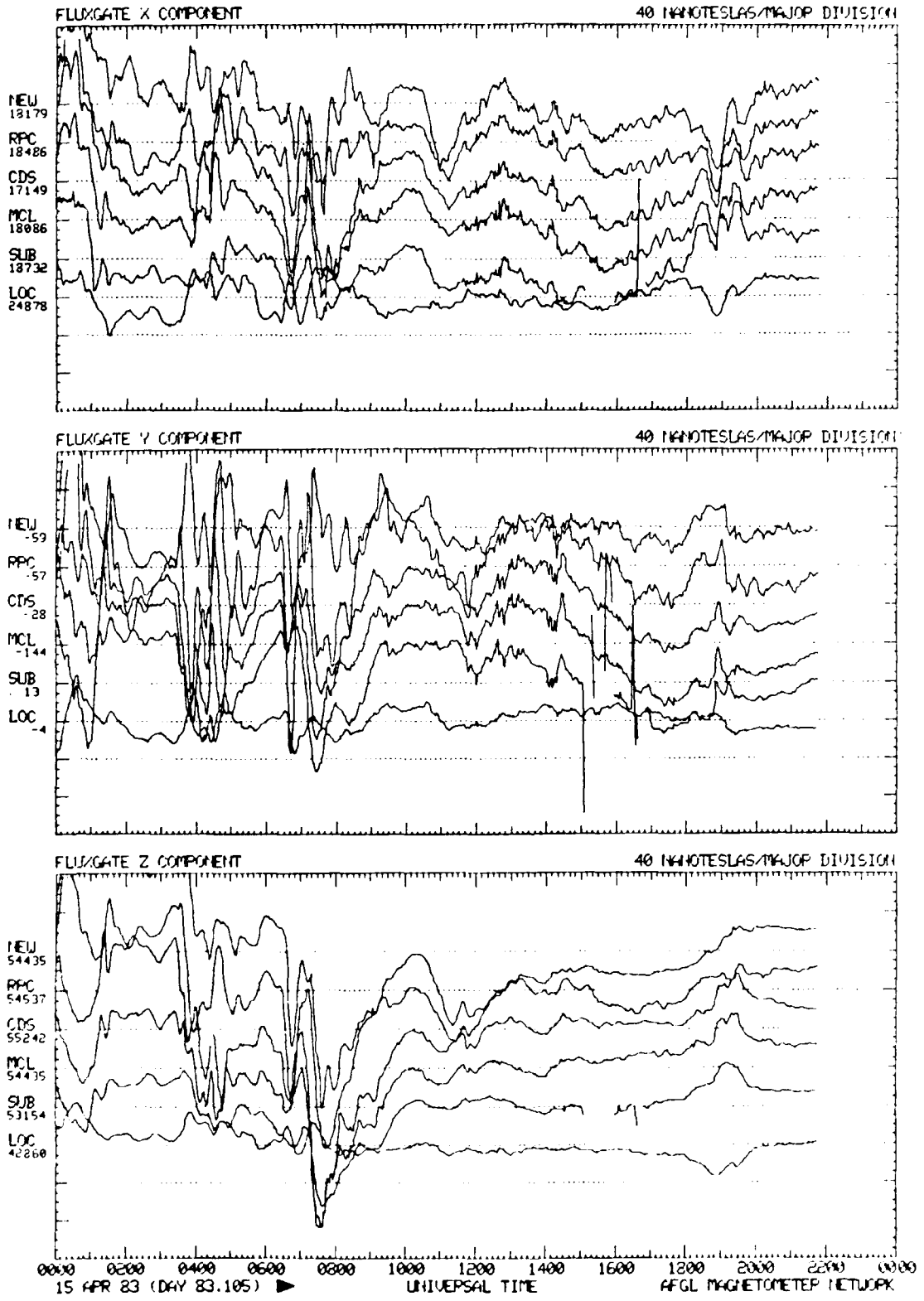

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18204
RPC
18522
CDS
17180
MCL
18121
SUB
18753
LOC
24913
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-58
RPC
-60
CDS
-36
MCL
-151
SUB
124
LOC
-2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54434
RPC
54532
CDS
55247
MCL
54439
SUB
53169
LOC
42754
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 APR 83 (DAY 83.100)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

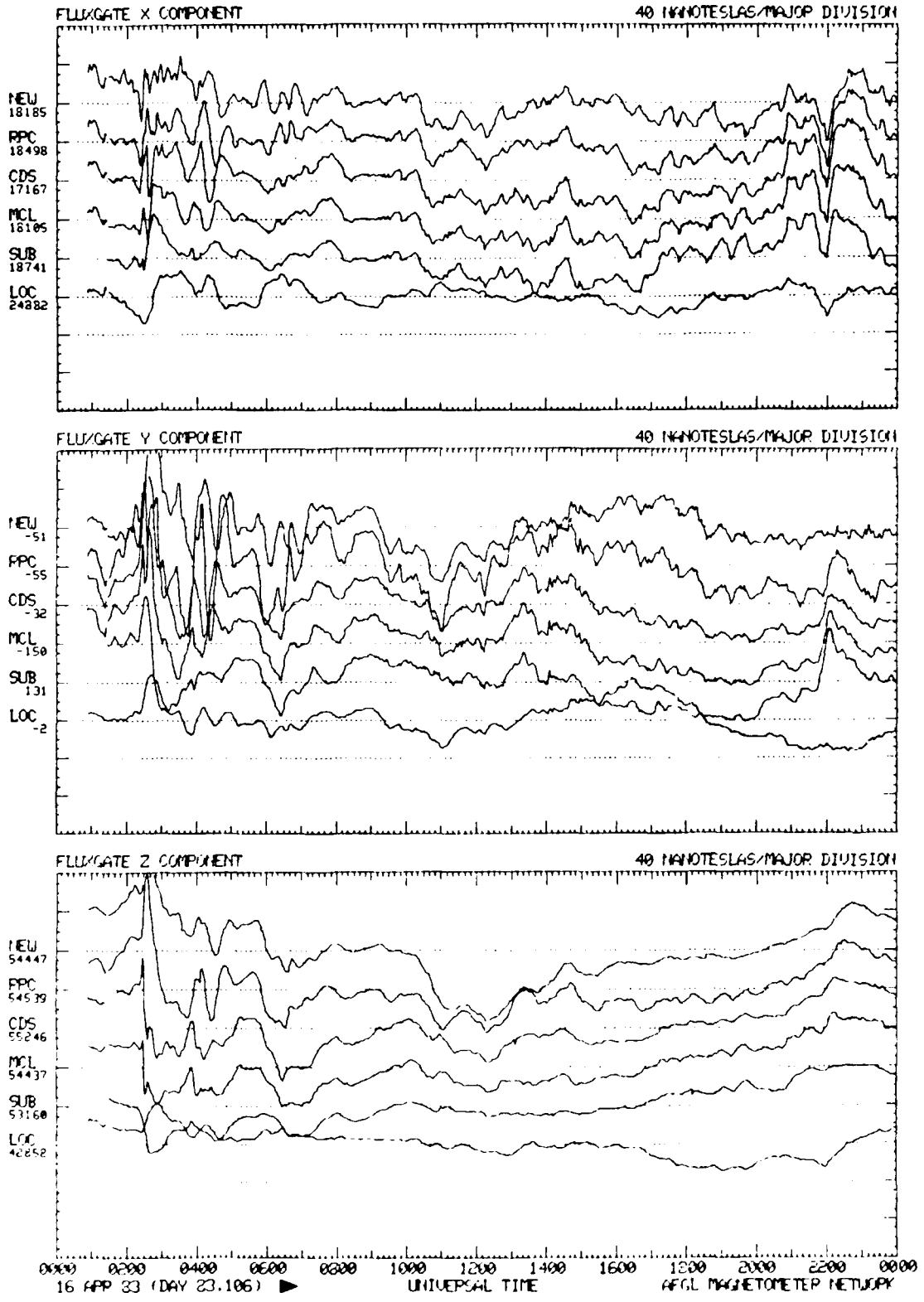

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18206
RPC 18528
CDS 17184
MCL 18122
SUB 18754
LOC 24911
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -58
RPC -59
CDS -32
MCL -148
SUB 128
LOC
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54437
RPC 54542
CDS 55240
MCL 54444
SUB 53172
LOC 42853
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 (2400)
11 APR 83 (DAY 83.101)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

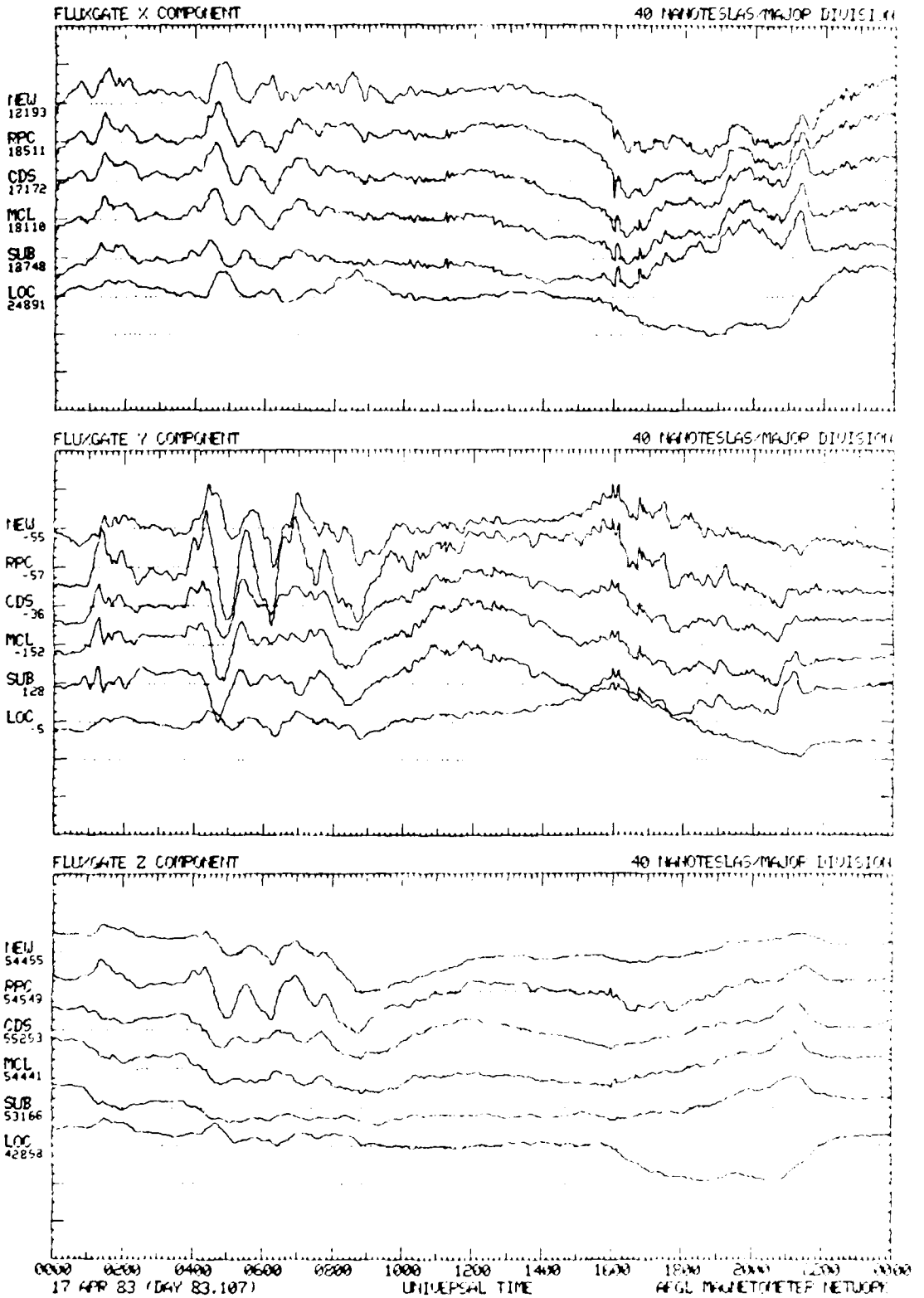

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18208
PPC
18527
CDS
1718
MCL
18126
SUB
18760
LOC
24914
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-63
PPC
-66
CDS
-40
MCL
-154
SUB
127
LOC
-6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54432
PPC
54535
CDS
55035
MCL
54444
SUB
53170
LOC
42848
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 APR 83 (DAY 83.102)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

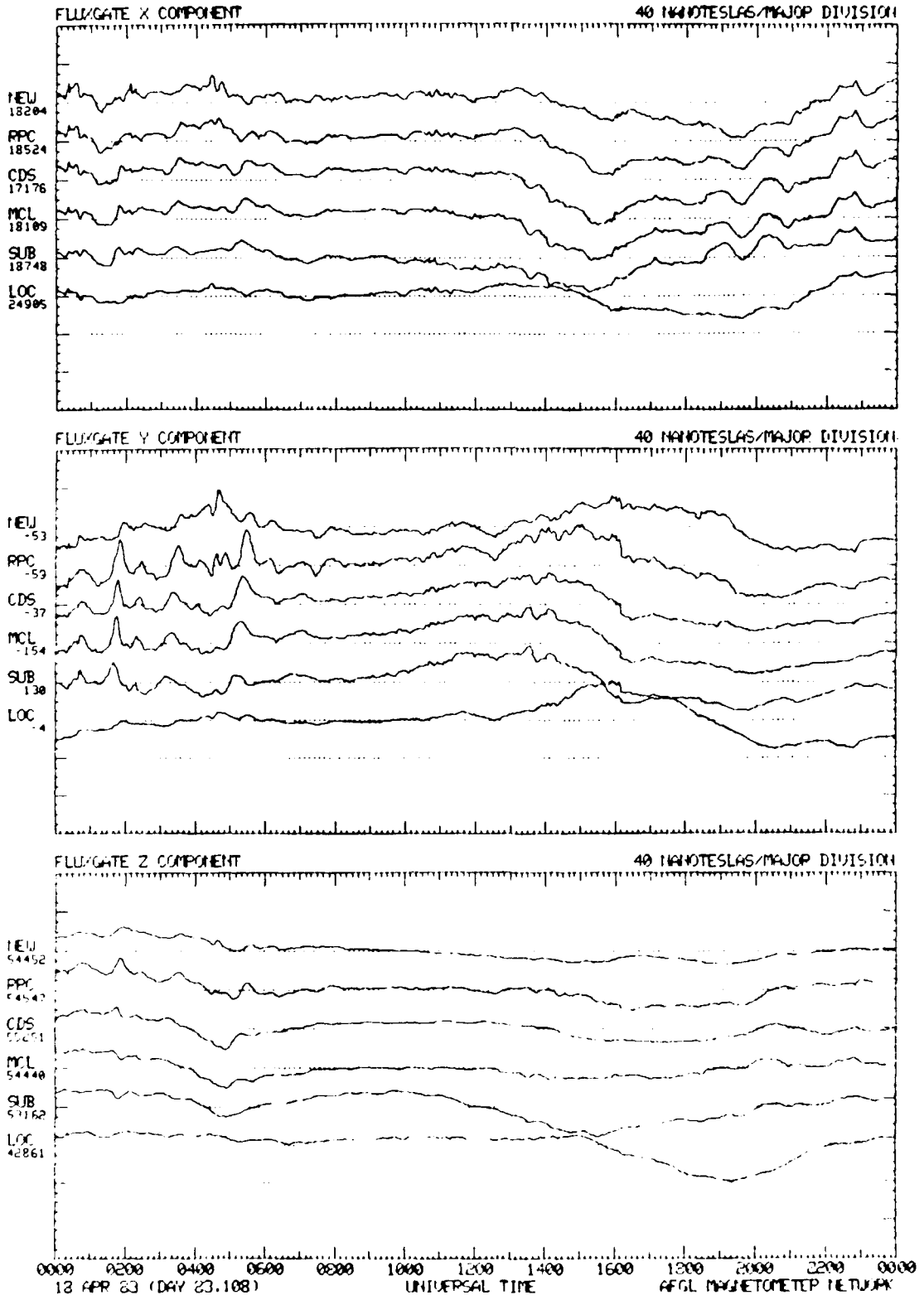

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18194
RPC 18514
CDS 17184
MCL 1812
SUB 18756
LOC 24907
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -61
RPC -70
CDS -40
MCL -159
SUB 127
LOC -7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54427
RPC 54524
CDS 55231
MCL 54441
SUB 53169
LOC 42847
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2400
13 APR 83 (DAY 83.103)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

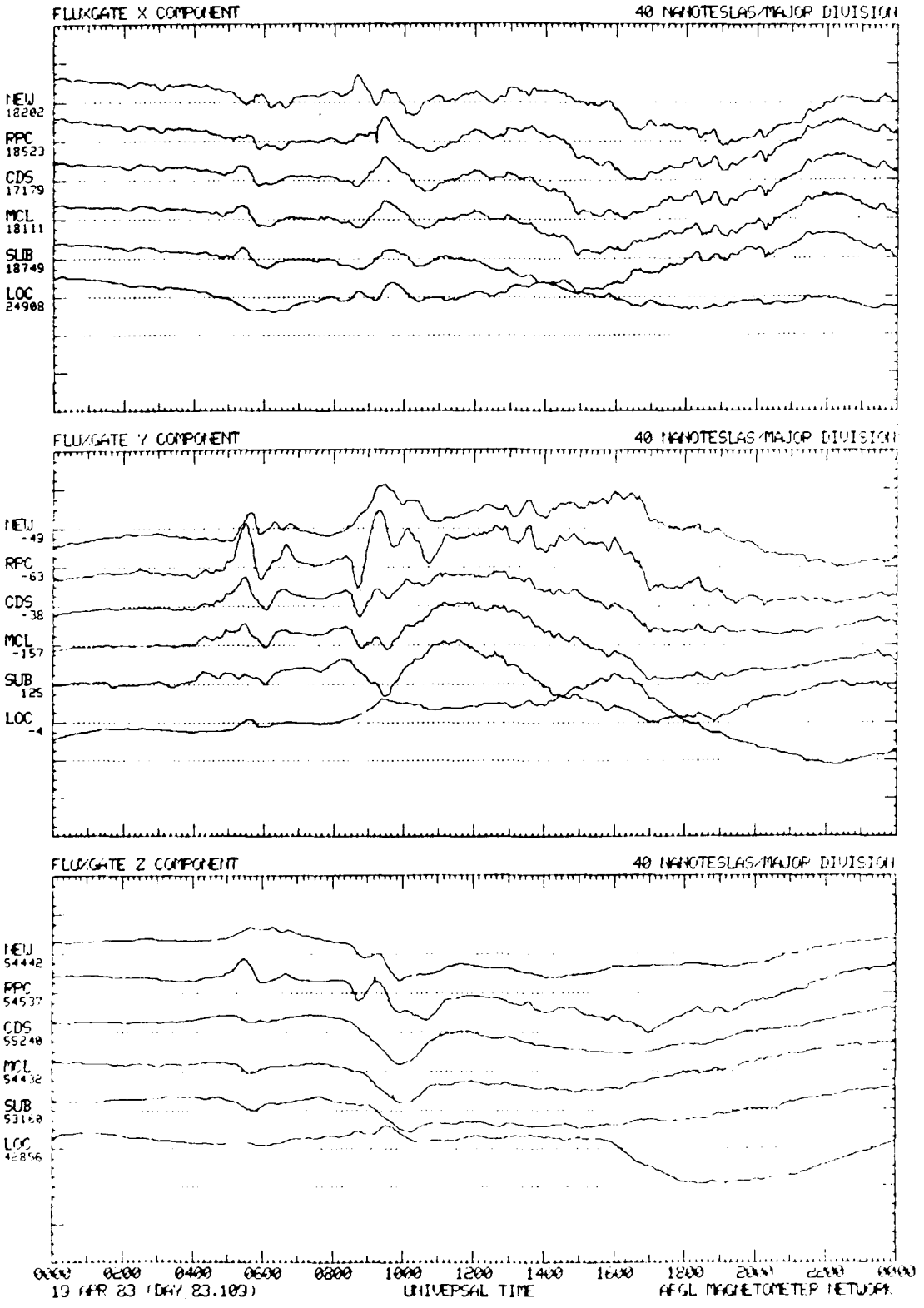

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18181
RPC
18492
CDS
17173
MCL
18110
SUB
18742
LOC
24891
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-77
RPC
-73
CDS
-34
MCL
-148
SUB
134
LOC
-19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54438
RPC
54539
CDS
55250
MCL
54451
SUB
53176
LOC
42851
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 APR 83 (DAY 23.104)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

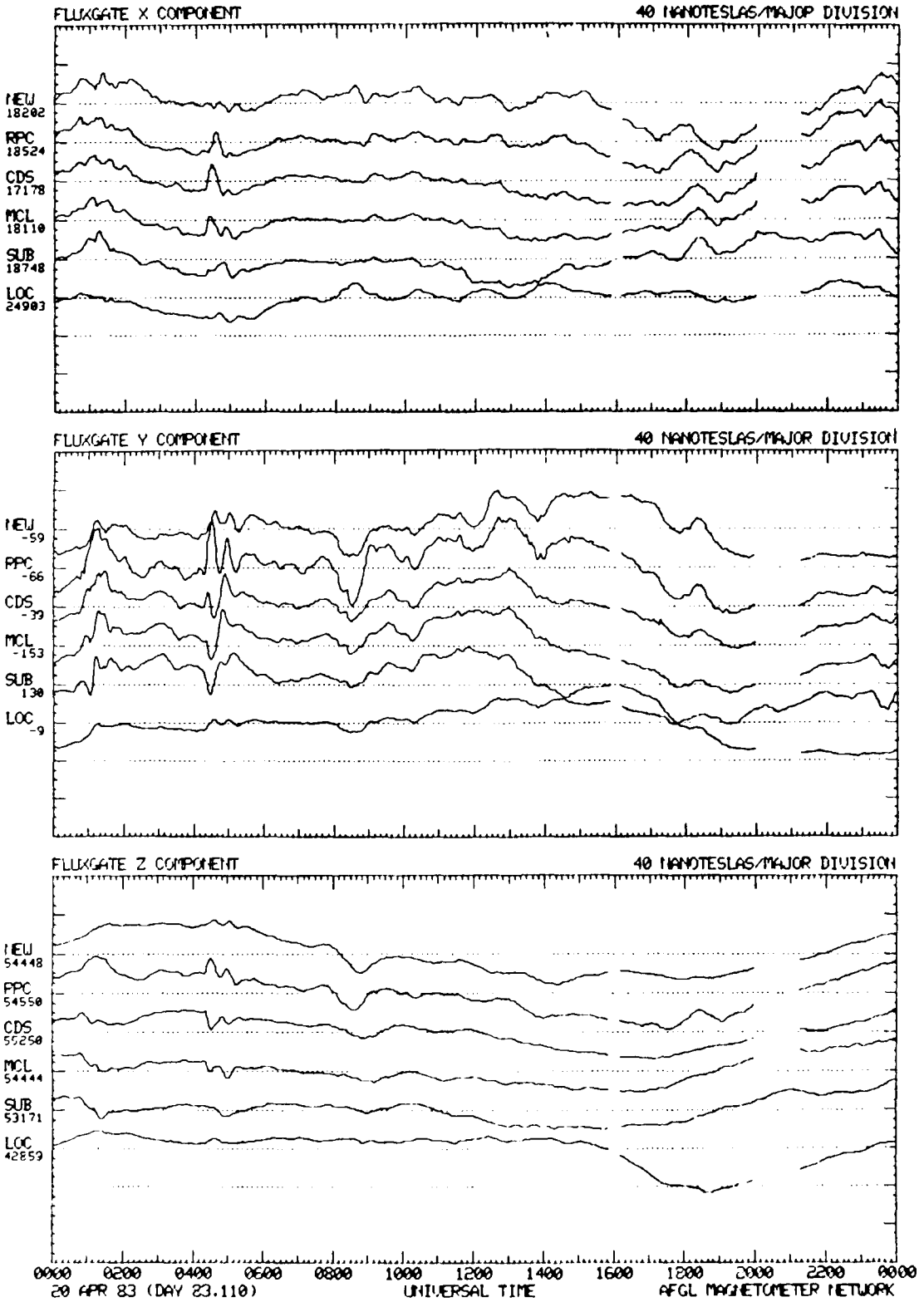

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18179
RPC 18486
CDS 17149
MCL 18086
SUB 18732
LOC 24878
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -59
RPC -57
CDS -28
MCL -144
SUB 13
LOC -4
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54435
RPC 54537
CDS 55242
MCL 54435
SUB 53154
LOC 42860
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 APR 83 (DAY 83.105)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

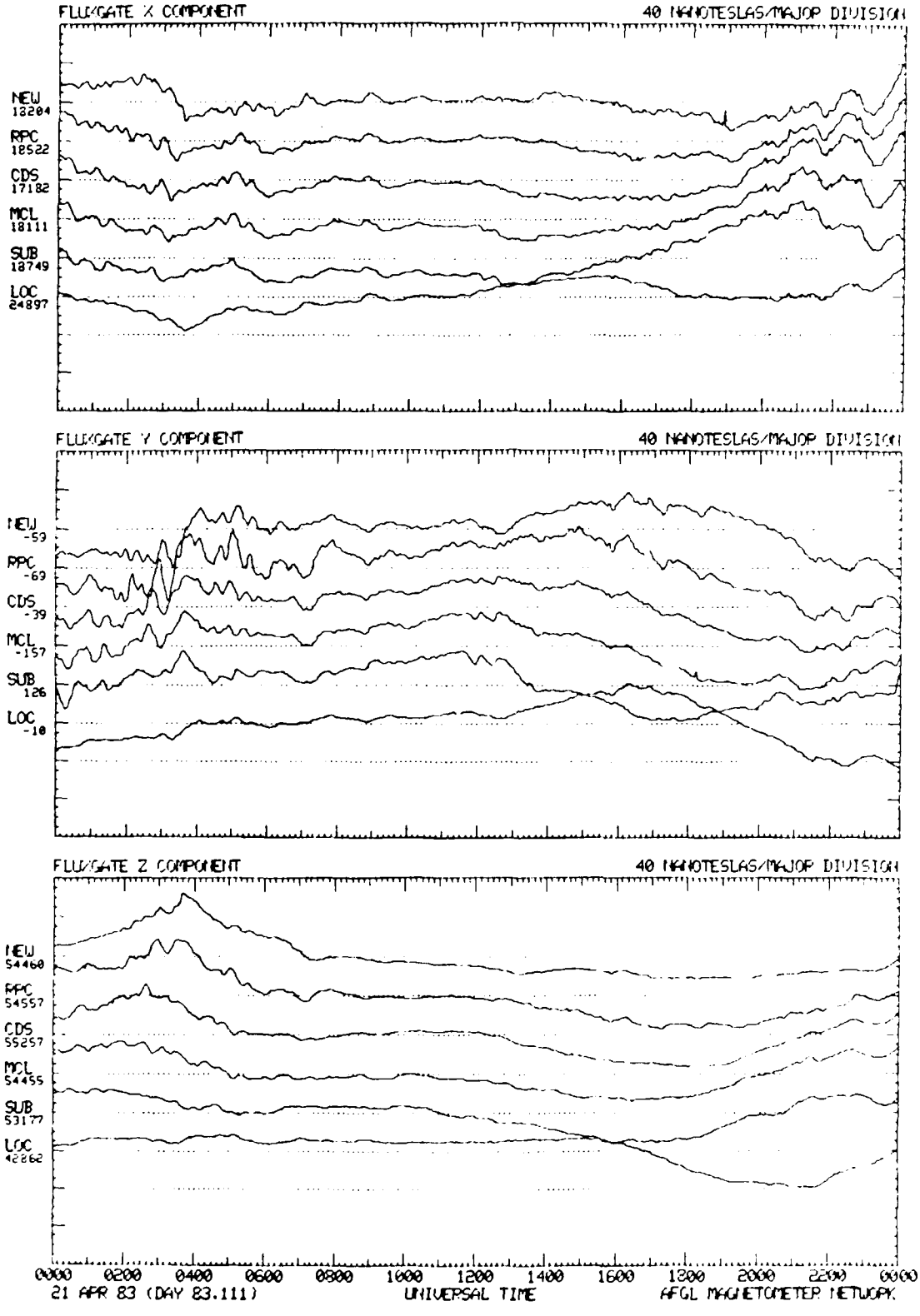

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18185
PPC 18498
CDS 17167
MCL 18105
SUB 18741
LOC 24882
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -51
PPC -55
CDS -32
MCL -150
SUB 131
LOC -2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54447
PPC 54539
CDS 55246
MCL 54437
SUB 53160
LOC 42852
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 APR 83 (DAY 23.106)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

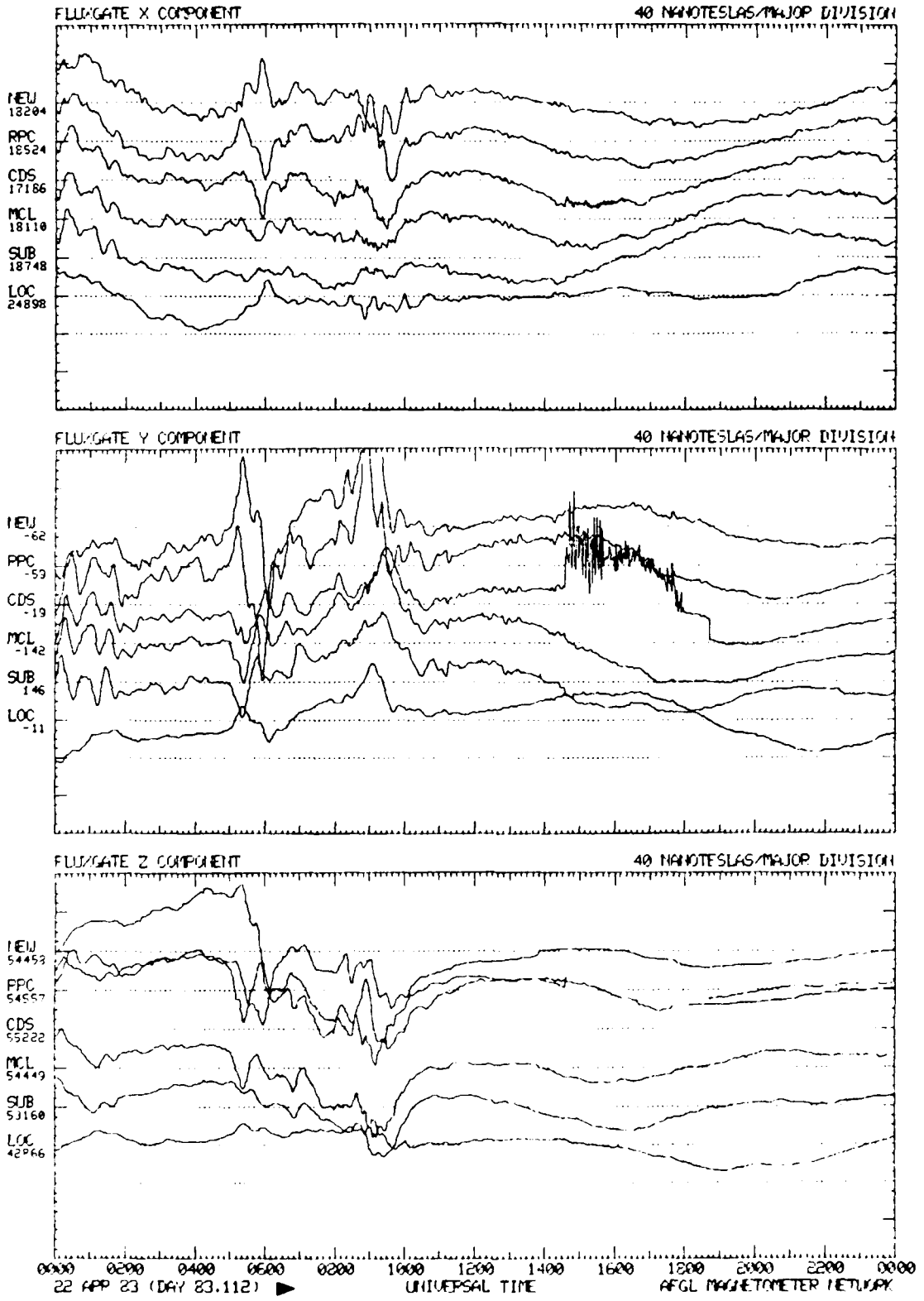

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISI
NEW 12193
RPC 18511
CDS 17172
MCL 18110
SUB 18748
LOC 24891
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -55
RPC -57
CDS -36
MCL -152
SUB 128
LOC -5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54455
RPC 54549
CDS 55253
MCL 54441
SUB 53166
LOC 42858
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 APR 83 (DAY 83.107)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

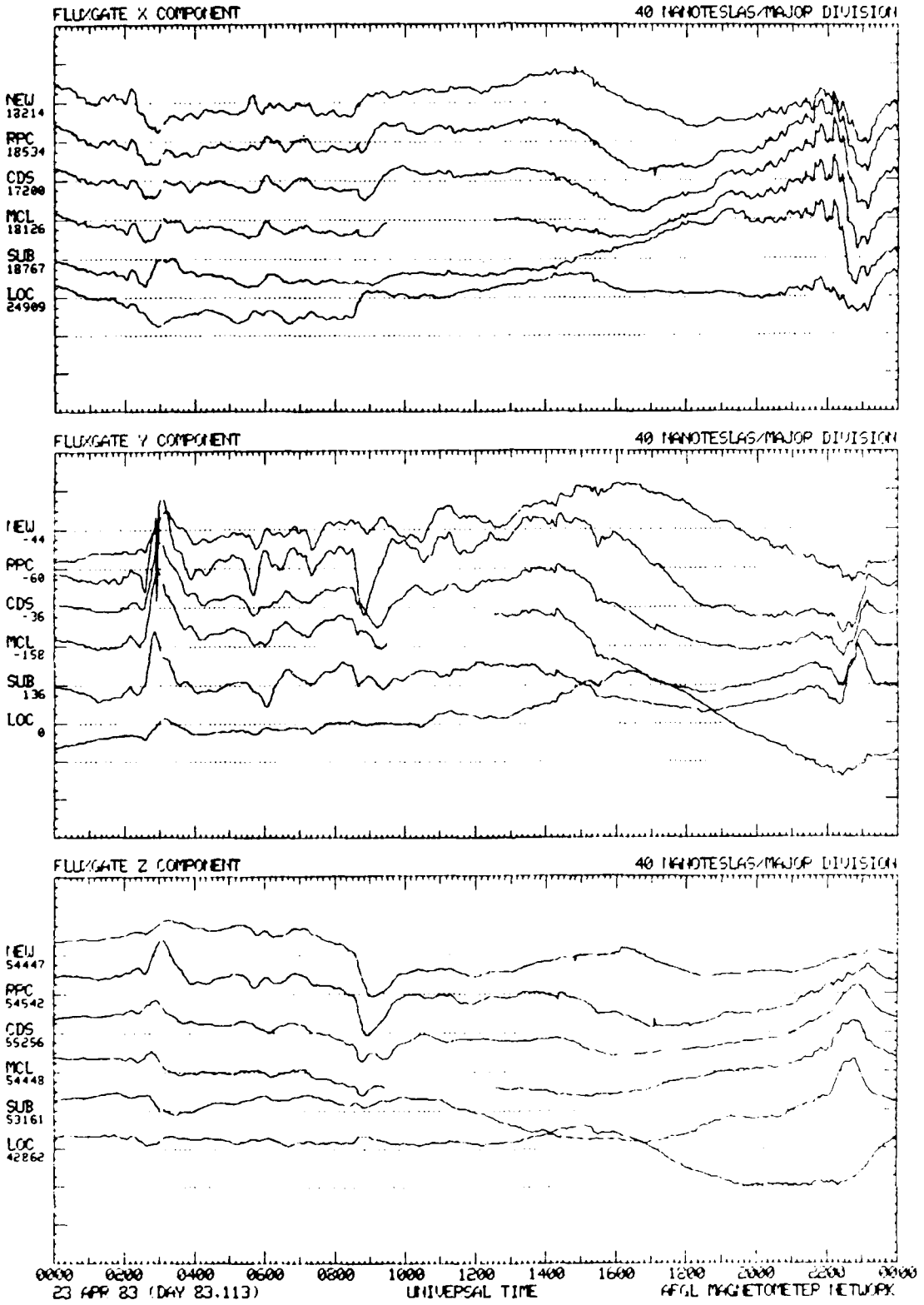

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18204
RPC
18524
CDS
17176
MCL
18109
SUB
18748
LOC
24905
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-53
RPC
-59
CDS
-37
MCL
-154
SUB
130
LOC
-4
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54452
MCL
54440
LOC
42861
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 APR 83 (DAY 83.108)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

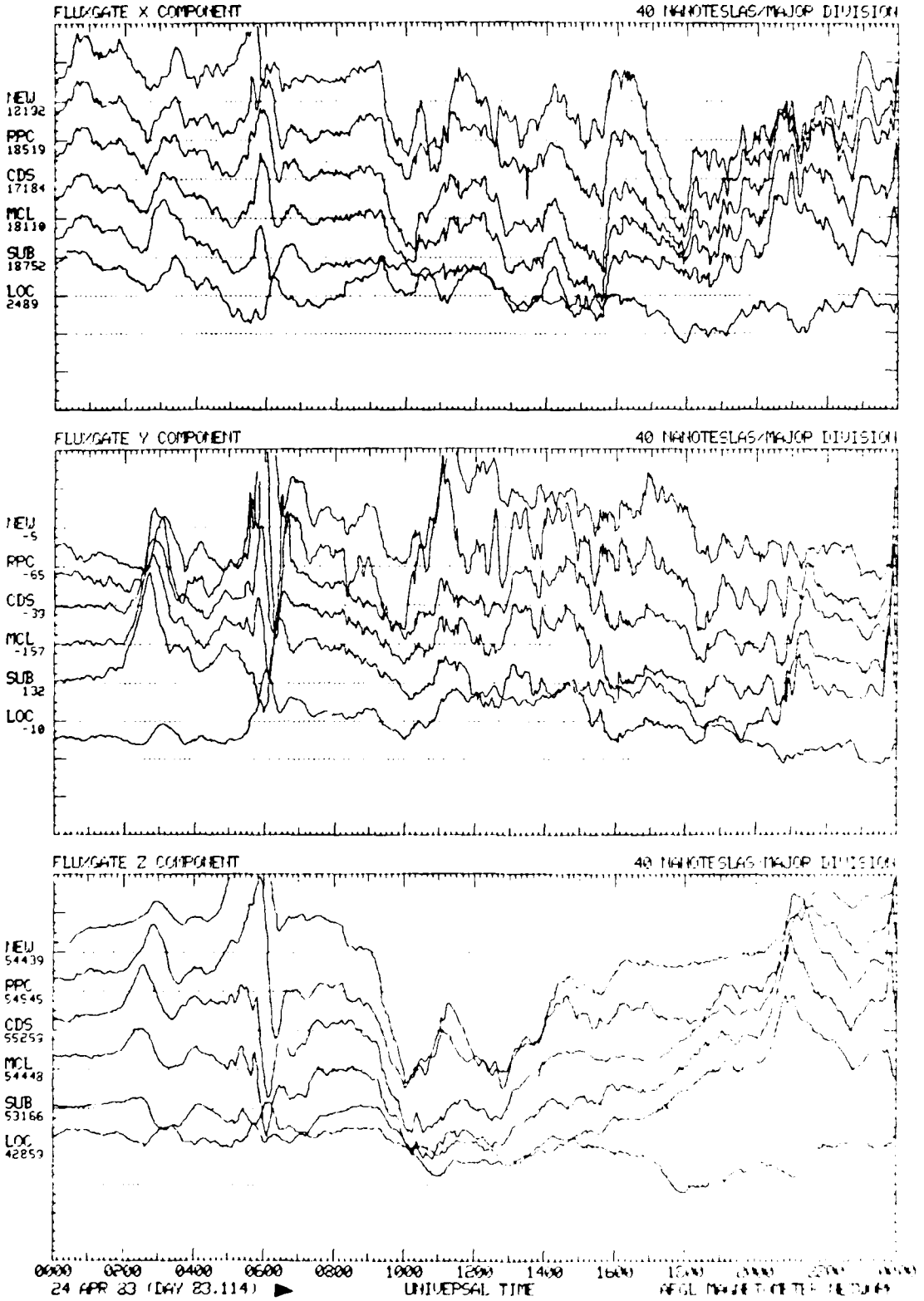

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18202
RPC
18523
CDS
17179
MCL
18111
SUB
18749
LOC
24908
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-49
RPC
-63
CDS
-38
MCL
-157
SUB
125
LOC
-4
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54442
RPC
54537
CDS
55240
MCL
54432
SUB
53160
LOC
48846
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 APR 83 (DAY 83.109)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

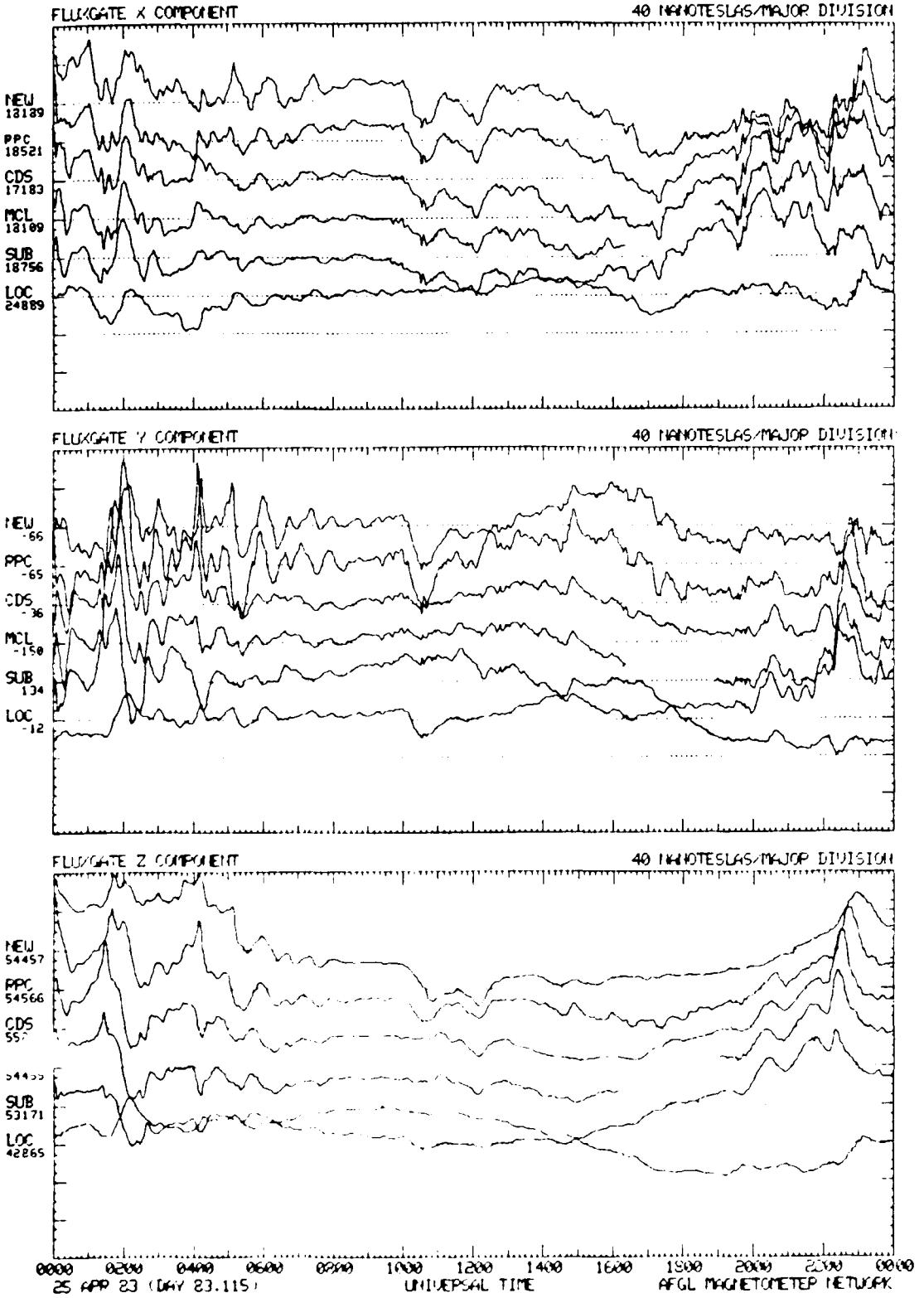

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18202
RPC 18524
CDS 17178
MCL 18110
SUB 18748
LOC 24903
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -59
PPC -66
CDS -39
MCL -153
SUB 130
LOC -9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54448
PPC 54550
CDS 55250
MCL 54444
SUB 53171
LOC 42859
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 APR 83 (DAY 23.110)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

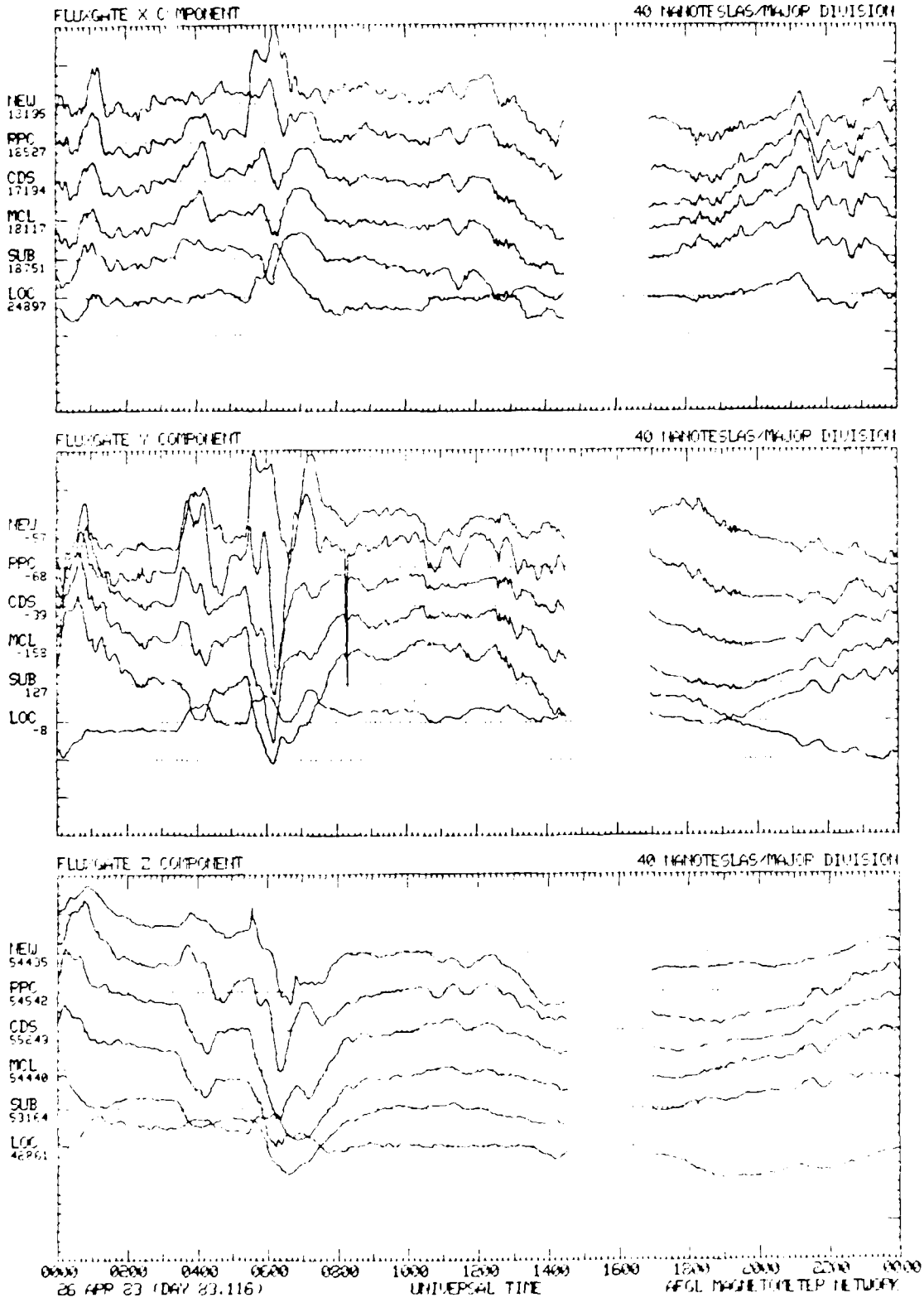

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18204
RPC 18522
CDS 17182
MCL 18111
SUB 18749
LOC 24897
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -59
RPC -69
CDS -39
MCL -157
SUB 126
LOC -10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54460
RPC 54557
CDS 55257
MCL 54455
SUB 53177
LOC 42862
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 APR 83 (DAY 83.111)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

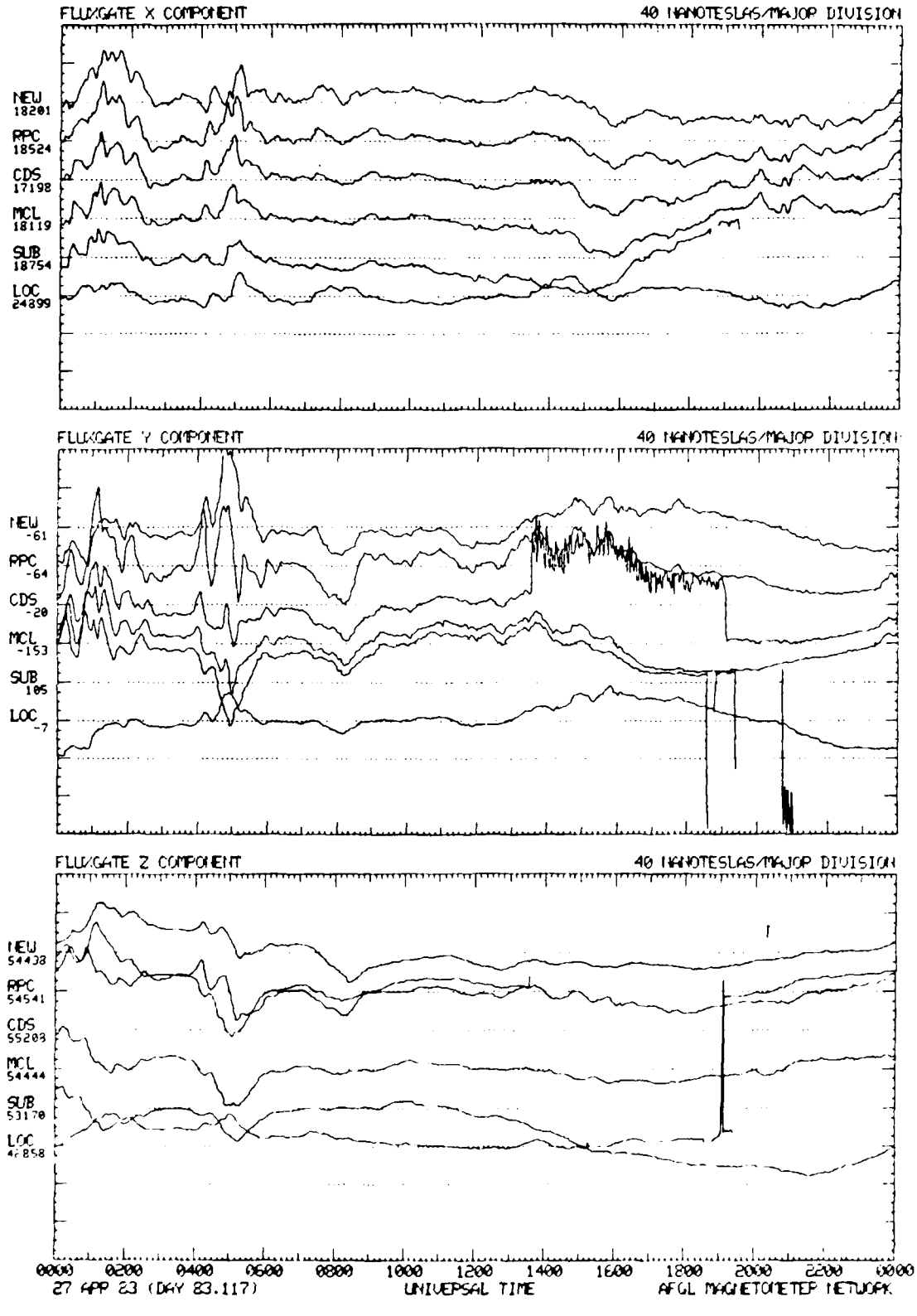

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18204
RPC 18524
CDS 17186
MCL 18110
SUB 18748
LOC 24898
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -62
PPC -59
CDS -19
MCL -142
SUB 146
LOC -11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54453
PPC 54557
CDS 55222
MCL 54449
SUB 53160
LOC 42966
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 APR 83 (DAY 83.112)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

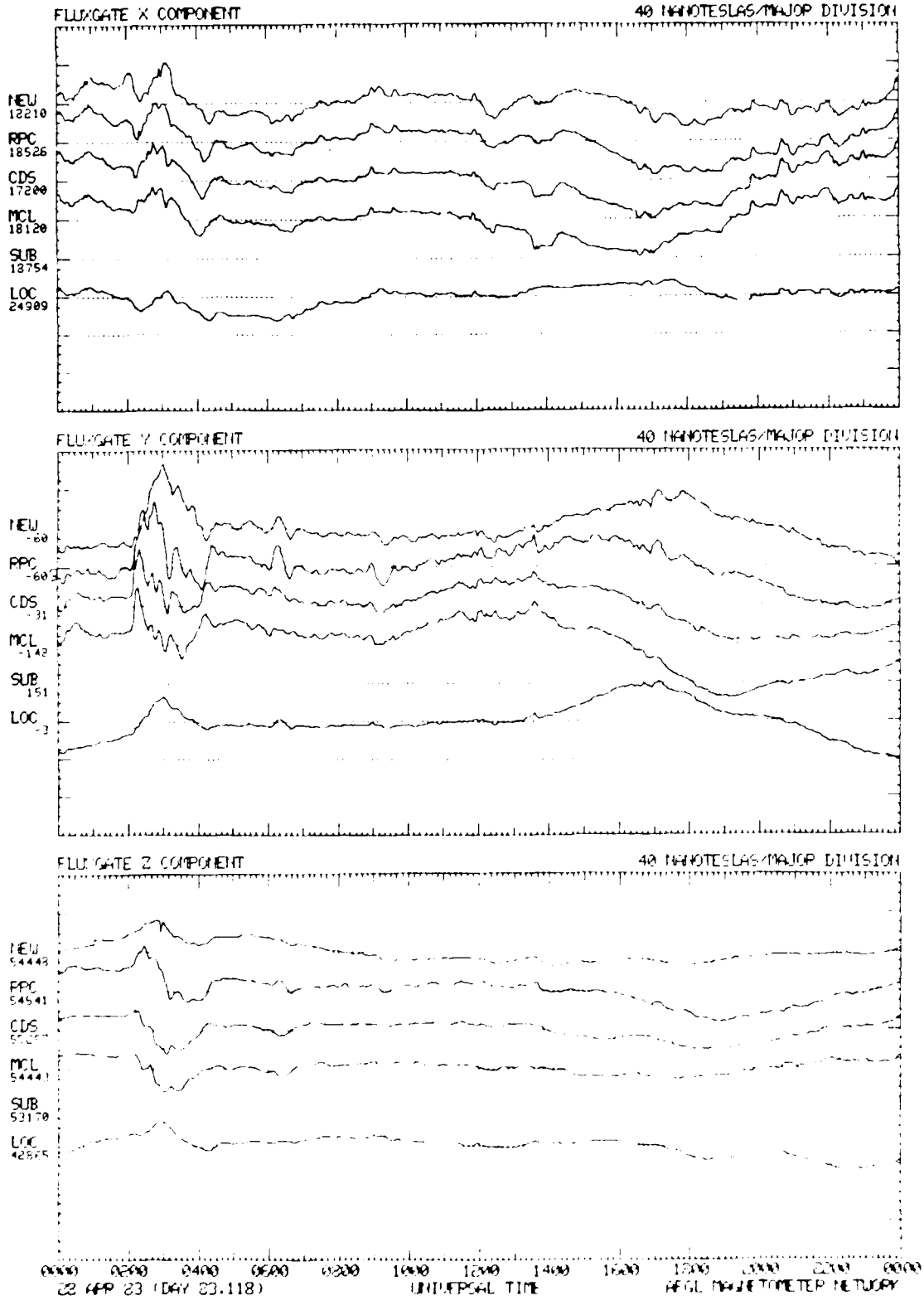

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
PPC
18534
CDS
17200
MCL
18126
SUB
18767
LOC
24909
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-44
PPC
-60
CDS
-36
MCL
-158
SUB
136
LOC
0
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54447
PPC
54542
CDS
55256
MCL
54448
SUB
53161
LOC
42862
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 APR 83 (DAY 83.113)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

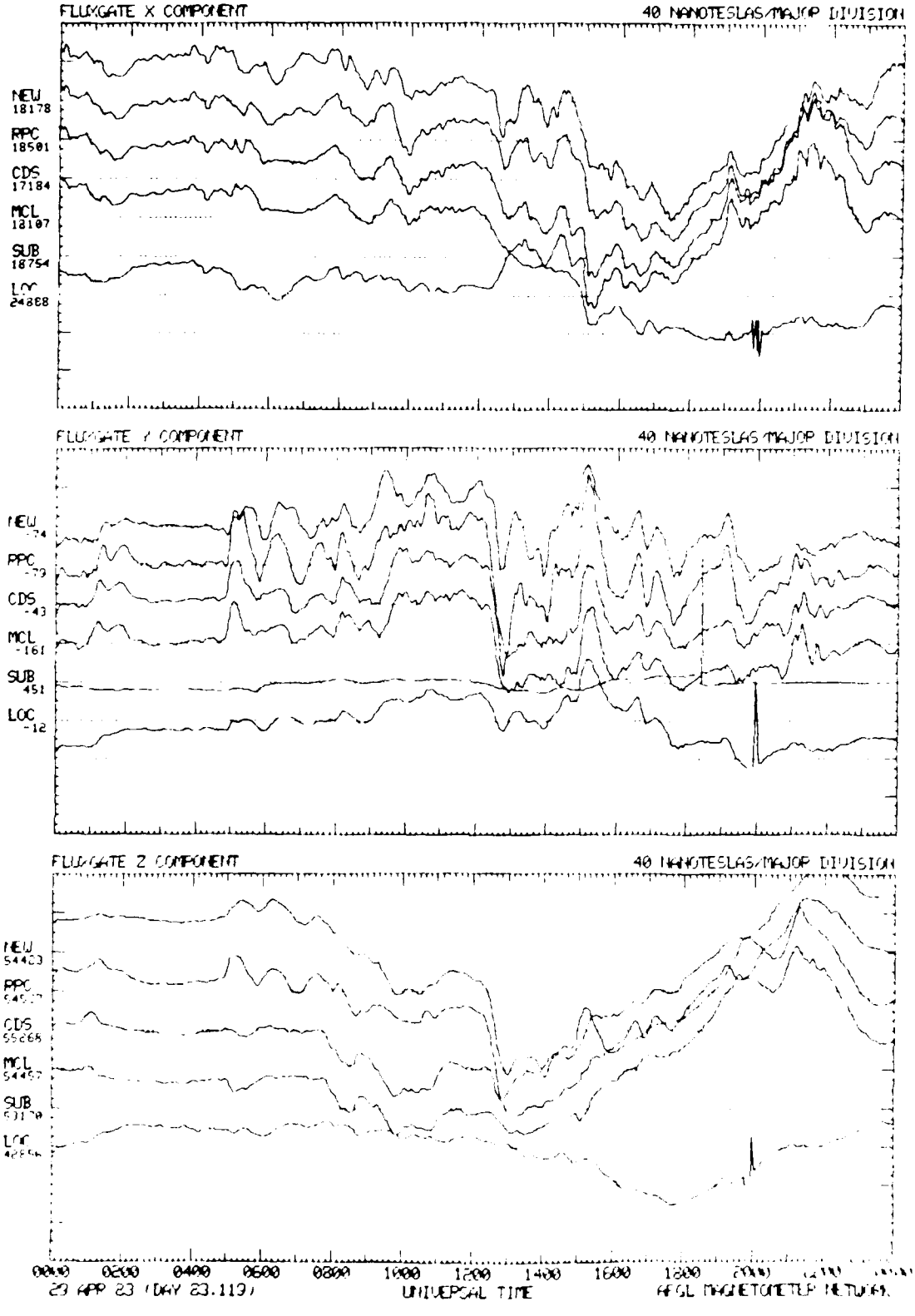

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12192
PPC
18519
CDS
17184
MCL
18110
SUB
18752
LOC
2489
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-5
PPC
-65
CDS
-39
MCL
-157
SUB
132
LOC
-10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54439
PPC
54545
CDS
55259
MCL
54448
SUB
53166
LOC
42859
0000
0200
0400
0600
0800
1000
1200
1400
1600
24 APR 83 (DAY 83.114)
UNIVERSAL TIME

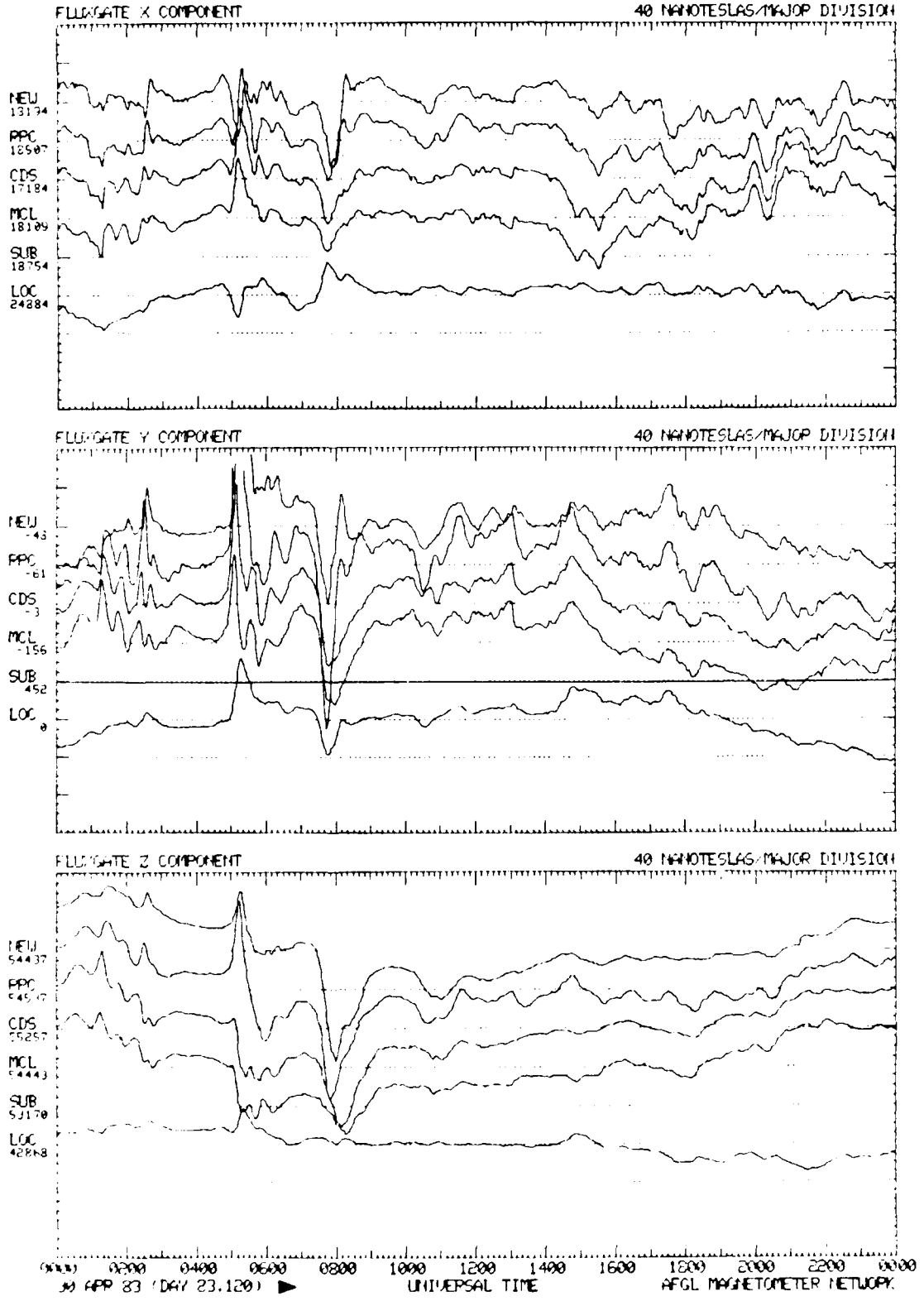

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13189
PPC
18521
CDS
17183
MCL
18109
SUB
18756
LOC
24889
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-66
PPC
-65
CDS
-36
MCL
-150
SUB
134
LOC
-12
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54457
PPC
54566
CDS
SUB
53171
LOC
42865
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
25 APR 83 (DAY 83.115)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

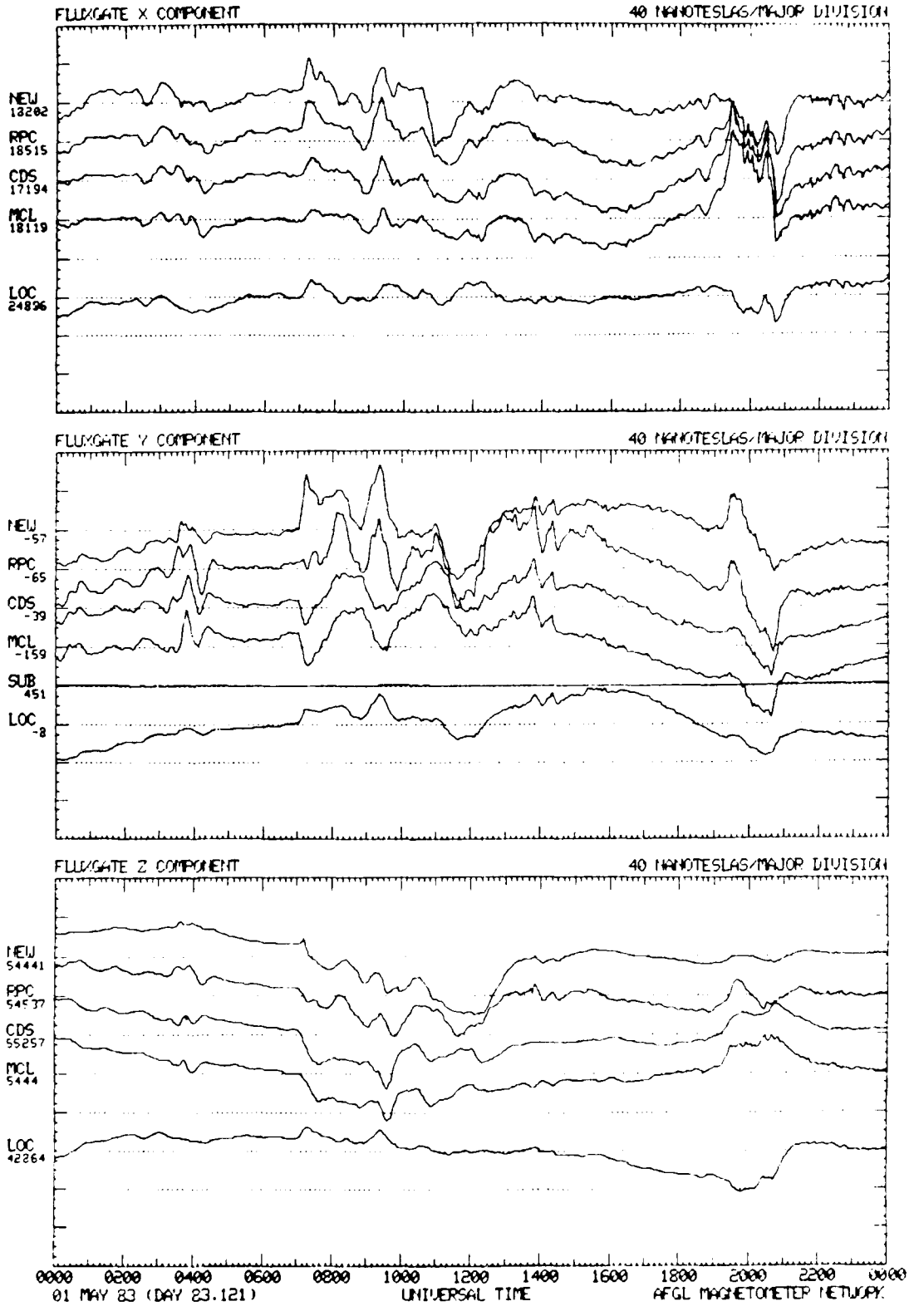

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13195
PPC 18527
CDS 17194
MCL 18117
SUB 18751
LOC 24897
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -57
PPC -68
CDS -39
MCL -153
SUB 127
LOC -8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54435
PPC 54542
CDS 55243
MCL 54440
SUB 53184
LOC 46961
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 APR 83 (DAY 83.116)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

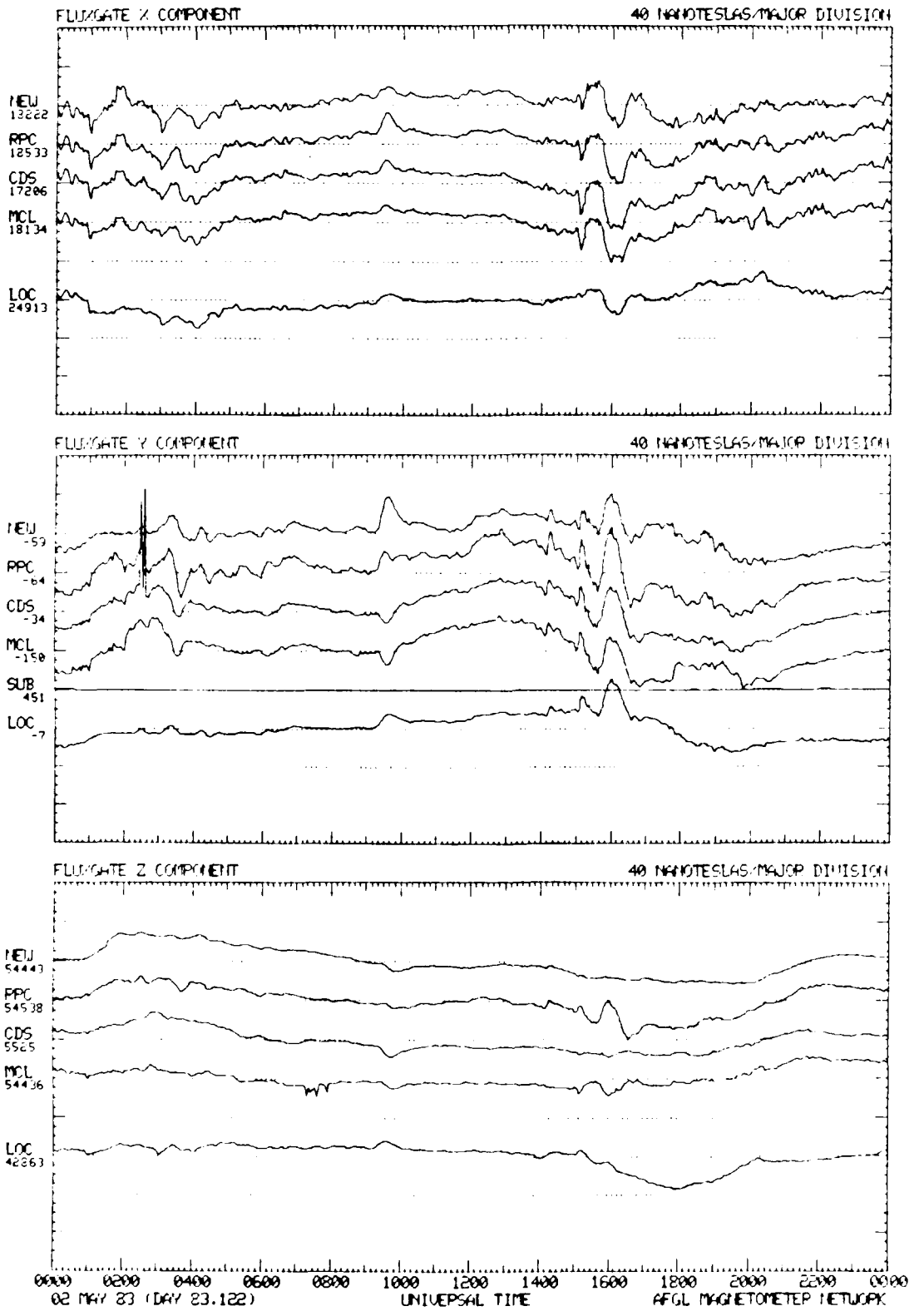

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18201
RPC 18524
CDS 17198
MCL 18119
SUB 18754
LOC 24899
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -61
RPC -64
CDS -20
MCL -153
SUB 105
LOC -7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54438
RPC 54541
CDS 55203
MCL 54444
SUB 53170
LOC 47858
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 APR 83 (DAY 83.117)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

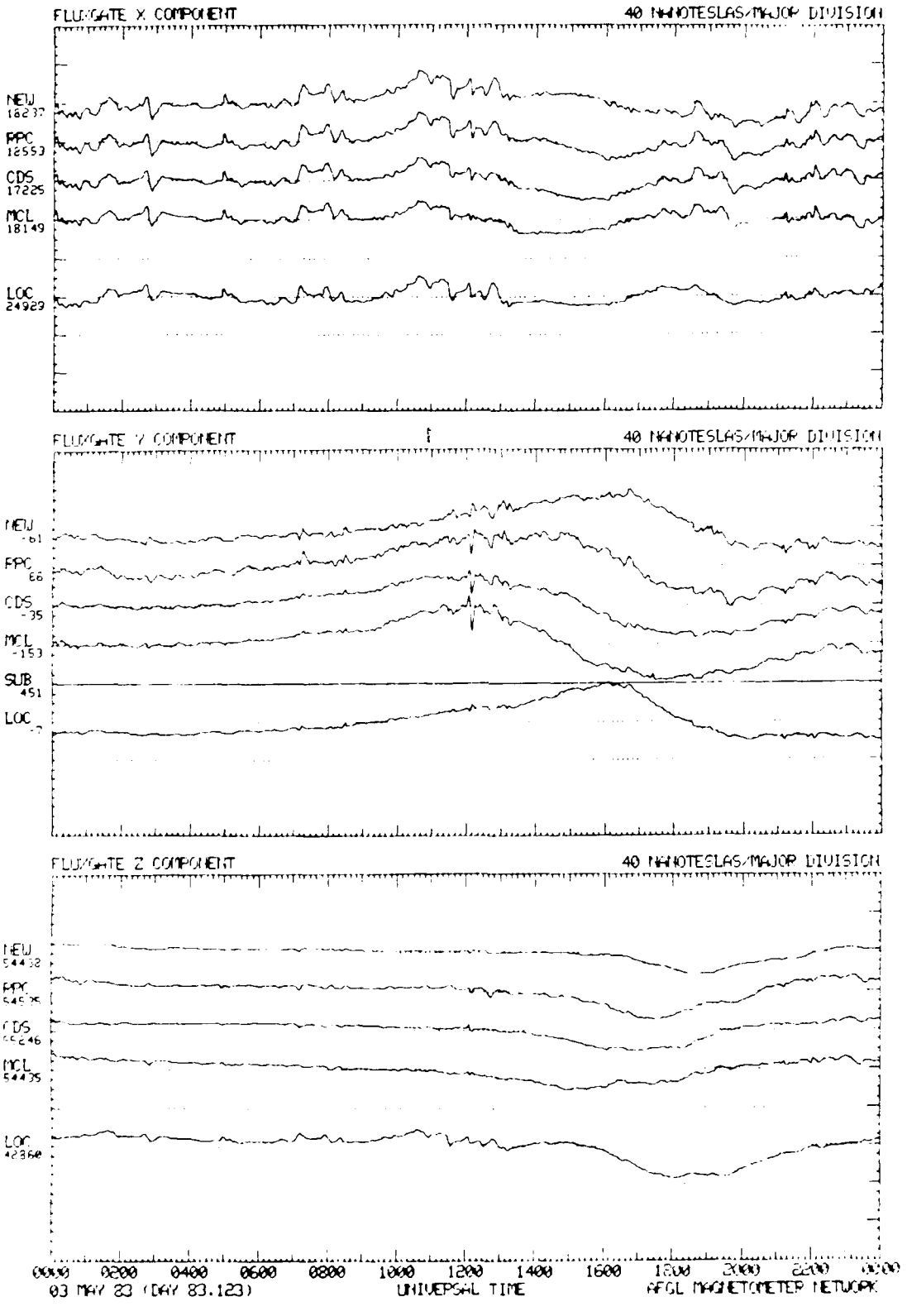

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12210
RPC
18526
CDS
17200
MCL
18120
SUB
18754
LOC
24909
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-60
RPC
-60
CDS
-31
MCL
-142
SUB
151
LOC
-3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54443
RPC
54541
CDS
MCL
54441
SUB
53170
LOC
42565
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
22 APR 83 (DAY 83.118)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

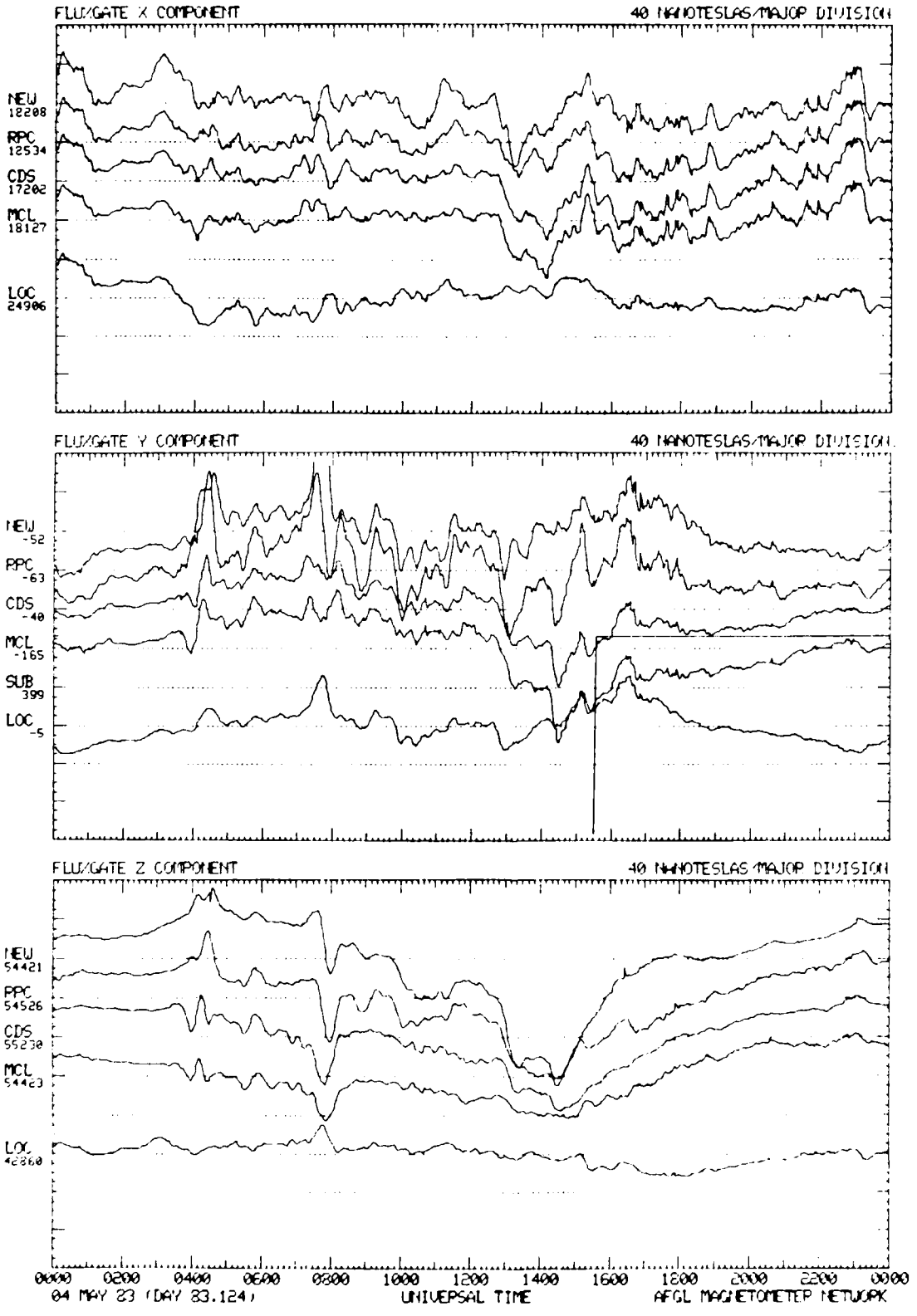

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18178
RPC
18501
CDS
17184
MCL
18107
SUB
18754
LOC
24868
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-74
RPC
-79
CDS
-43
MCL
-161
SUB
451
LOC
-12
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54403
CDS
55668
MCL
54457
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
23 APR 23 (DAY 23.119)
UNIVERSAL TIME
AFGL MAGNETOMETER RETURN

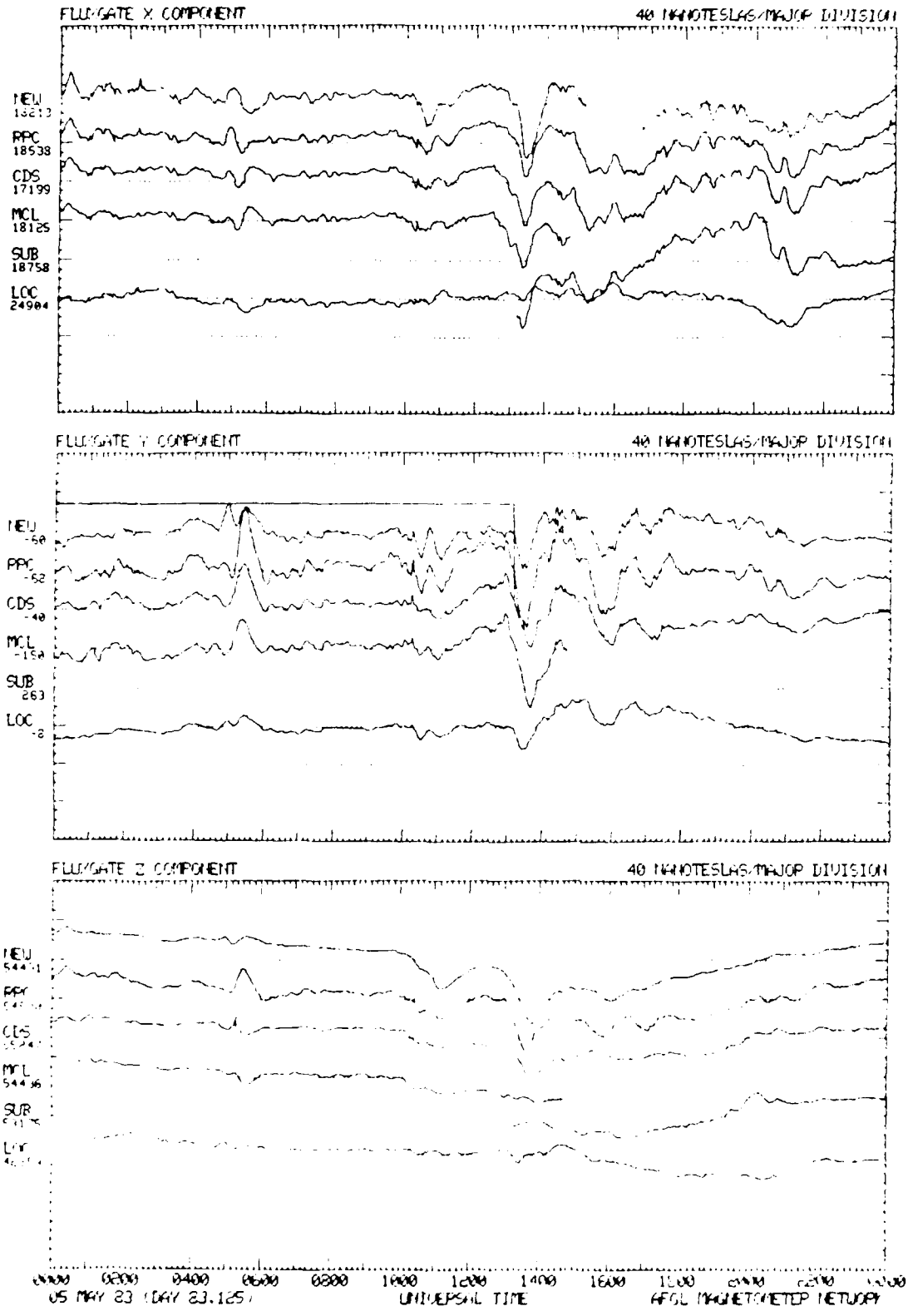

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13194
PPC
18507
CDS
17184
MCL
18109
SUB
18754
LOC
24884
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-43
PPC
-61
CDS
-3
MCL
-156
SUB
452
LOC
0
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54437
PPC
CDS
55257
MCL
54443
SUB
53170
LOC
42868
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
30 APR 83 (DAY 23.120)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

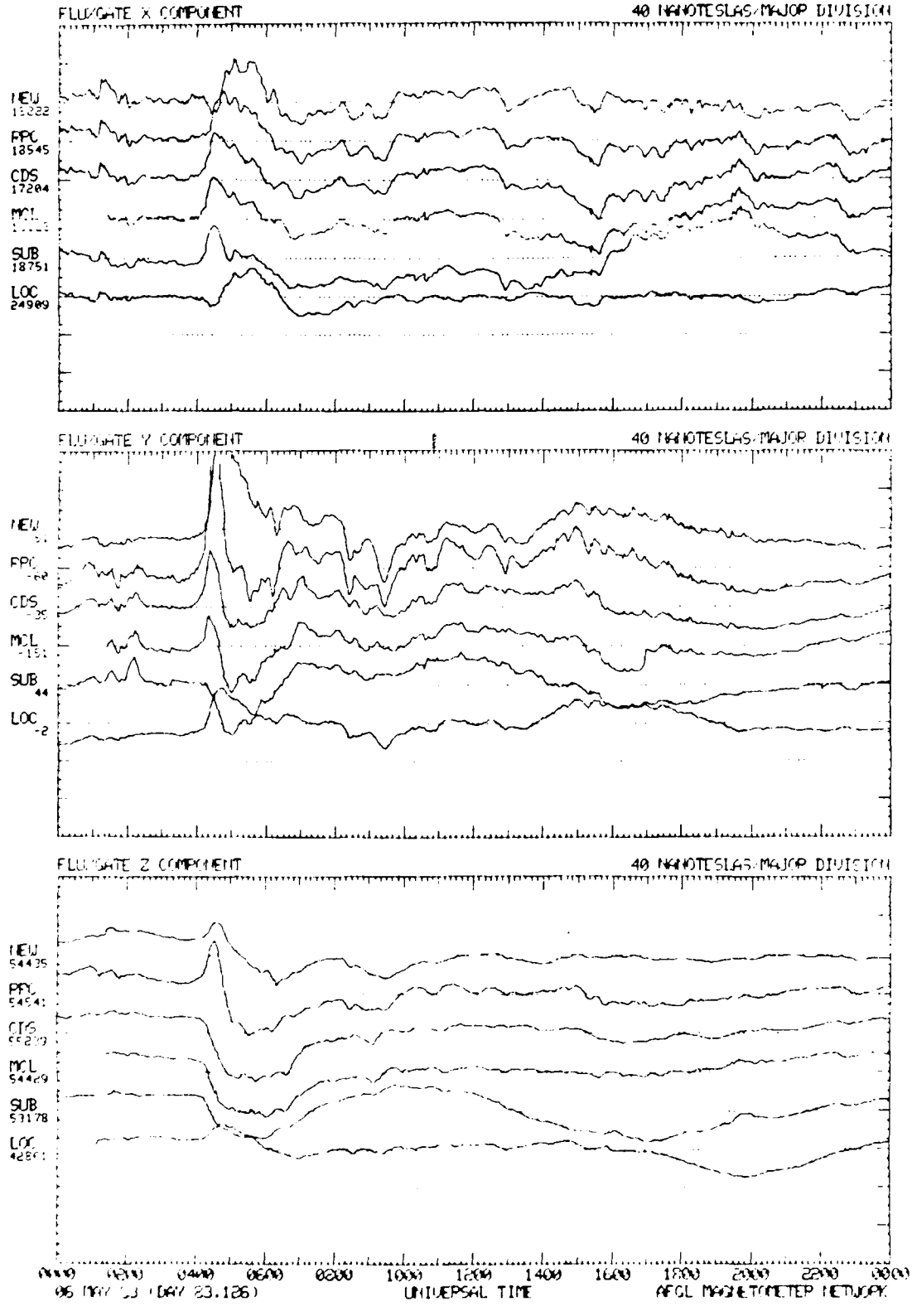

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13202
RPC
18515
CDS
17194
MCL
18119
LOC
24896
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-57
RPC
-65
CDS
-39
MCL
-159
SUB
451
LOC
-8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54441
RPC
54537
CDS
55257
MCL
5444
LOC
42264
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 MAY 83 (DAY 83.121)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

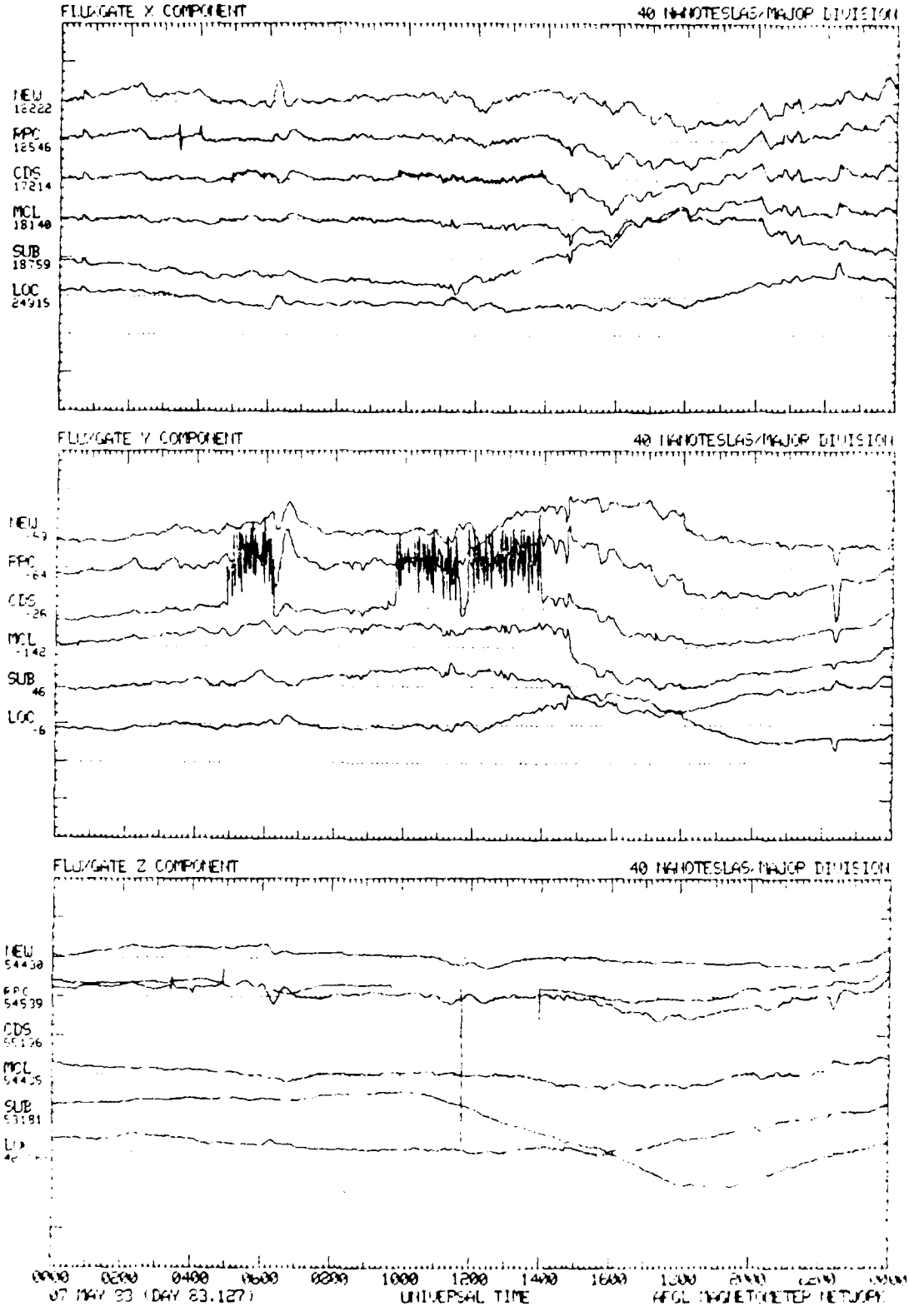

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13222
RPC
18533
CDS
17206
MCL
18134
LOC
24913
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-59
RPC
-64
CDS
-34
MCL
-150
SUB
451
LOC
-7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54447
RPC
54538
CDS
5565
MCL
54436
LOC
48863
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 MAY 83 (DAY 83.122)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

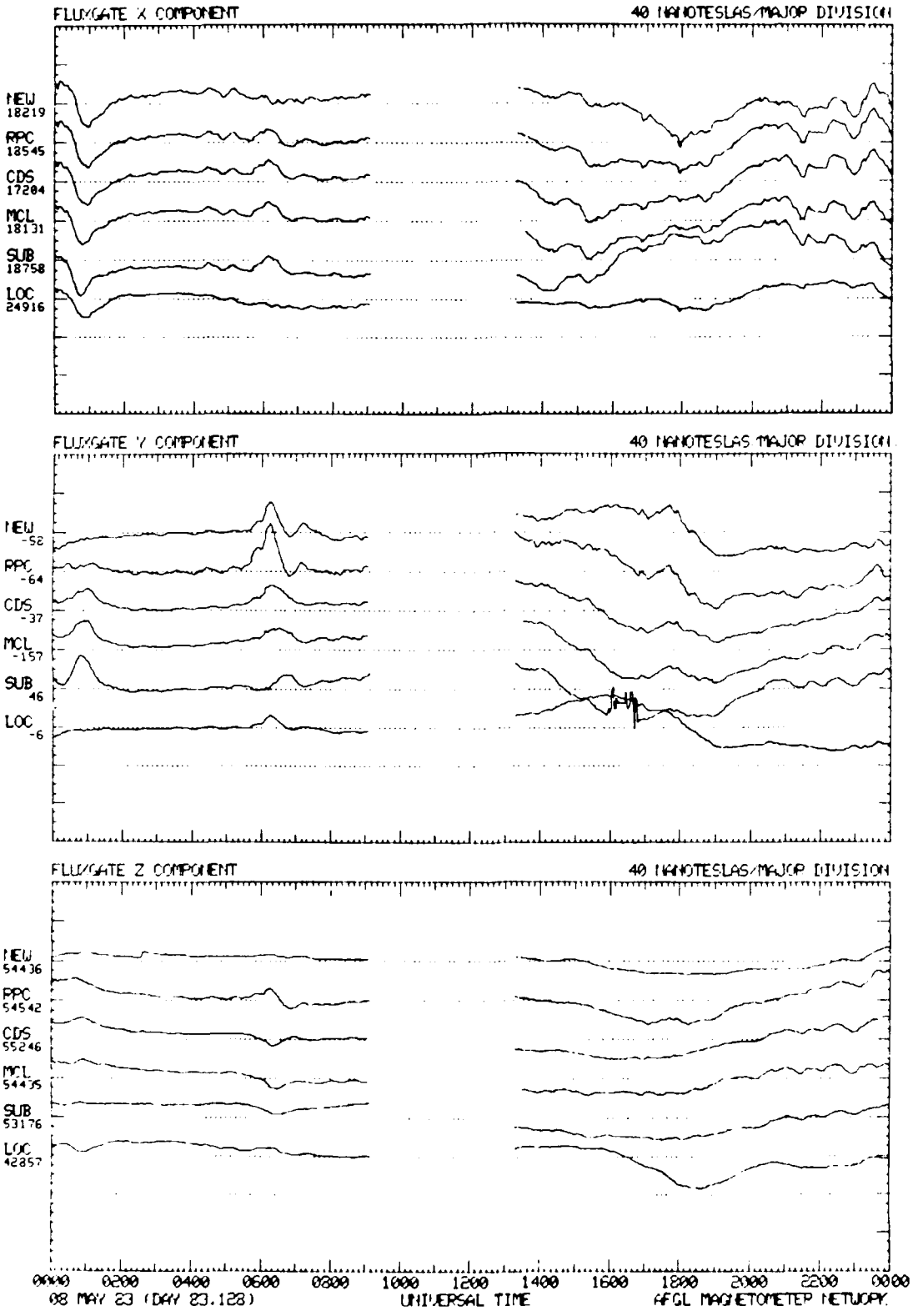

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18237
FRD
12553
CDS
17225
MCL
18149
LOC
24929
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-61
FRD
66
CDS
-35
MCL
-153
SUB
451
LOC
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54432
MCL
54435
LOC
42360
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 MAY 83 (DAY 83.123)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

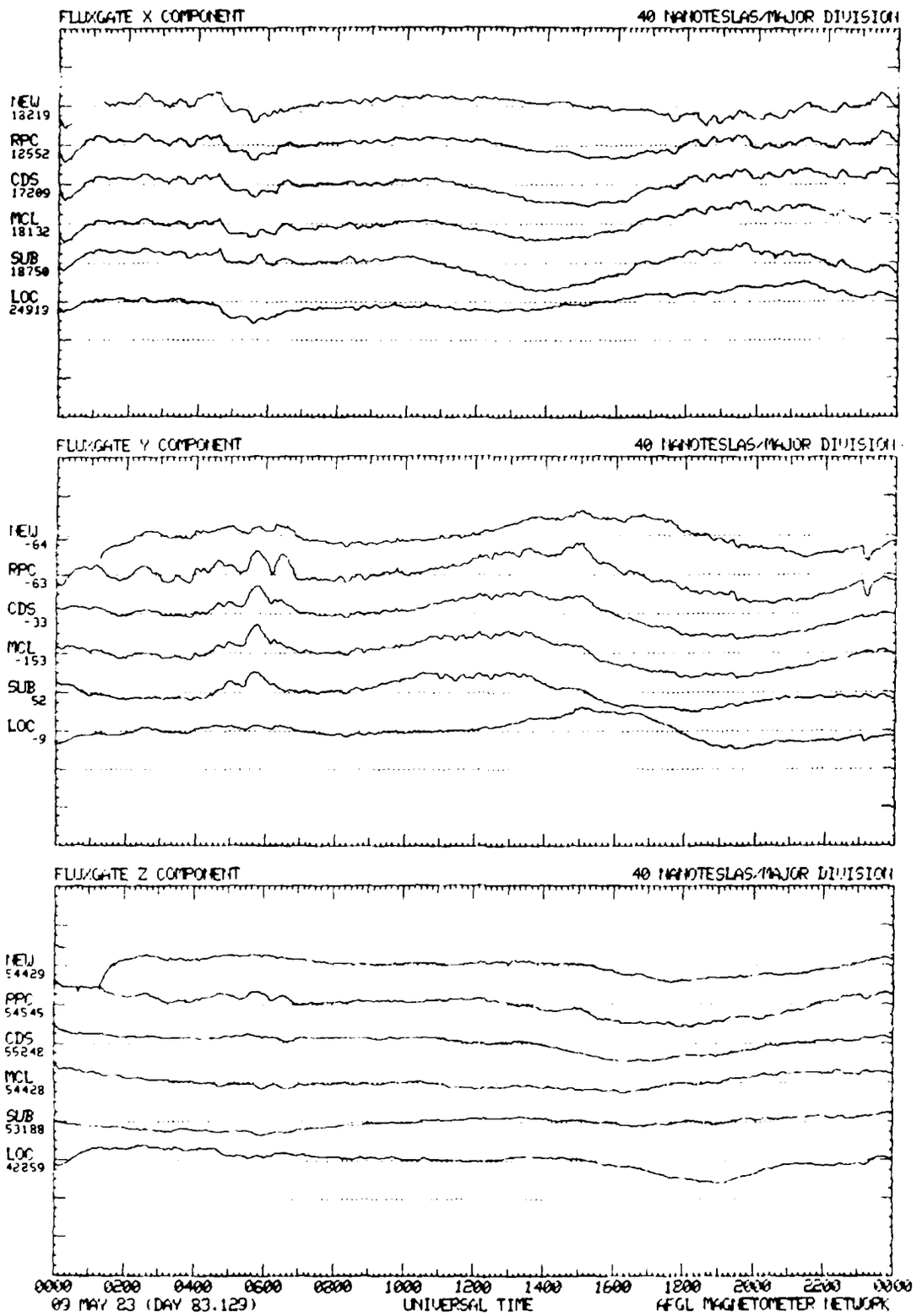

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18208
RPC 12534
CDS 17202
MCL 18127
LOC 24906
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -52
RPC -63
CDS -40
MCL -165
SUB 399
LOC -5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54421
RPC 54526
CDS 55230
MCL 54463
LOC 42860
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 MAY 83 (DAY 83.124)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

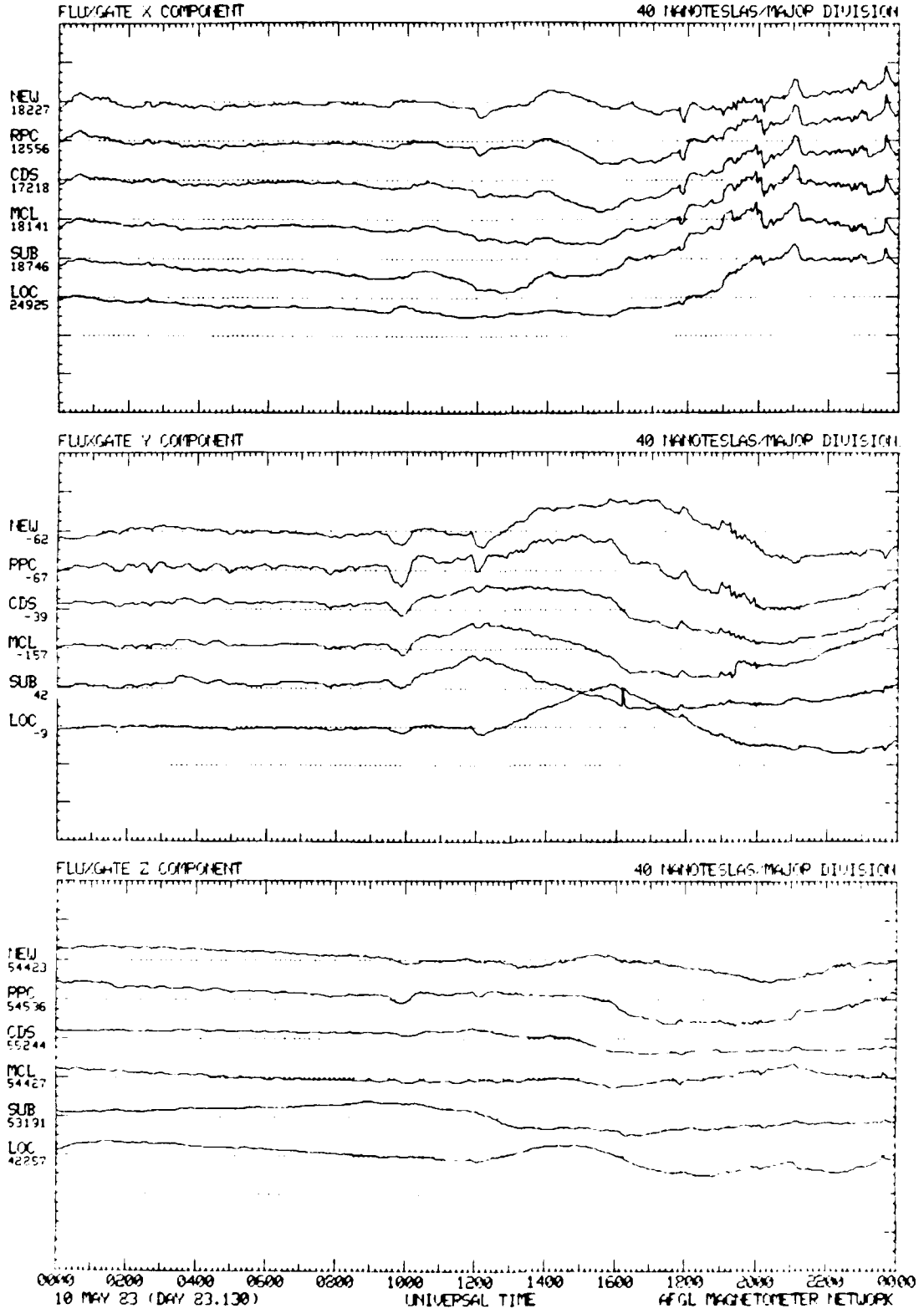

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13213
PPC
18538
CDS
17199
MCL
18125
SUB
18758
LOC
24904
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-60
PPC
-62
CDS
-40
MCL
-154
SUB
263
LOC
-8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
CDS
MCL
SUB
LOC
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
2400
05 MAY 83 (DAY 83.125)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

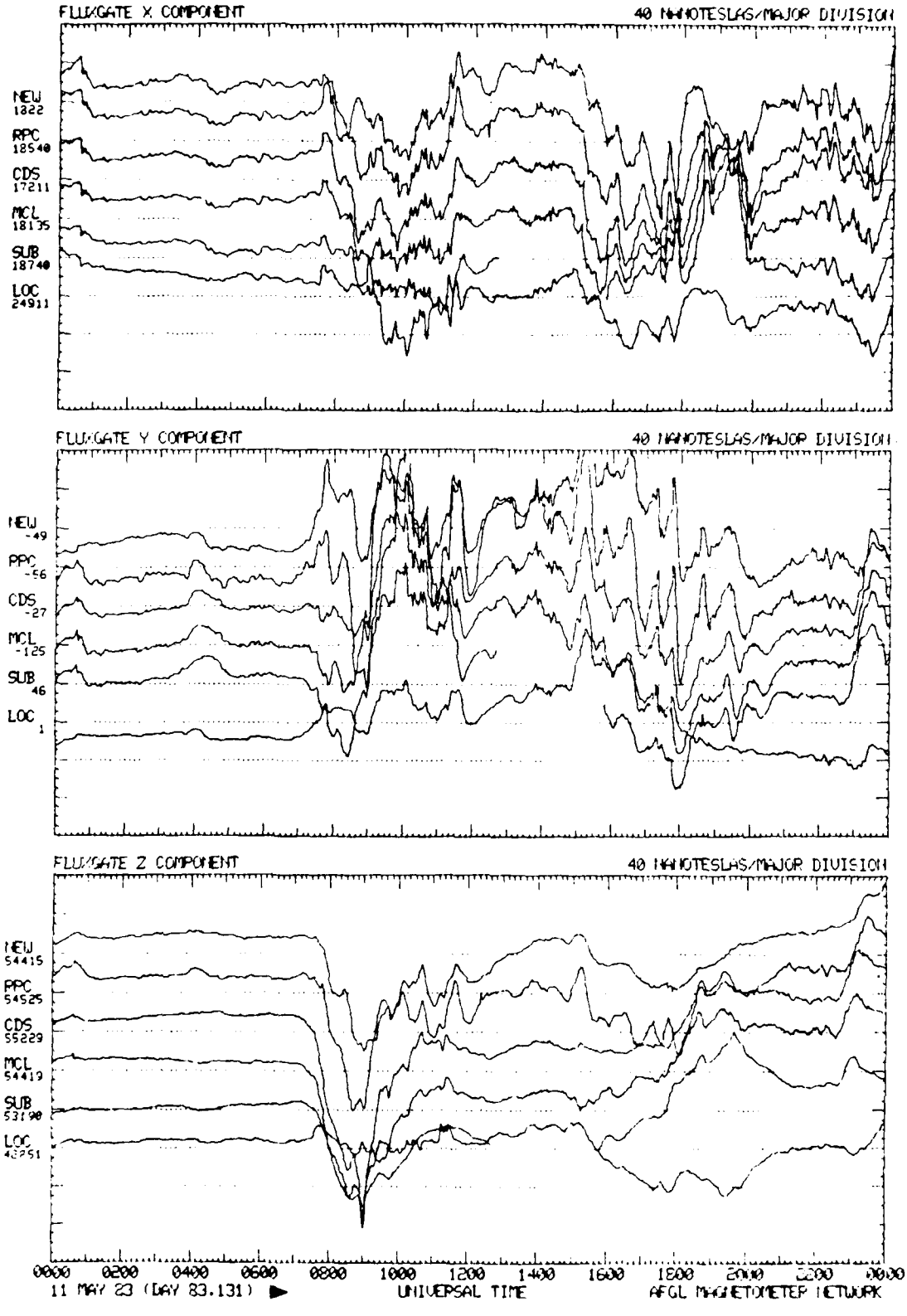

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18222
FRD
18545
CDS
17204
MCL
SUB
18751
LOC
24989
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
FRD
CDS
MCL
SUB
44
LOC
-2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54435
FRD
54941
CDS
MCL
54429
SUB
53178
LOC
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
06 MAY 83 (DAY 83.186)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

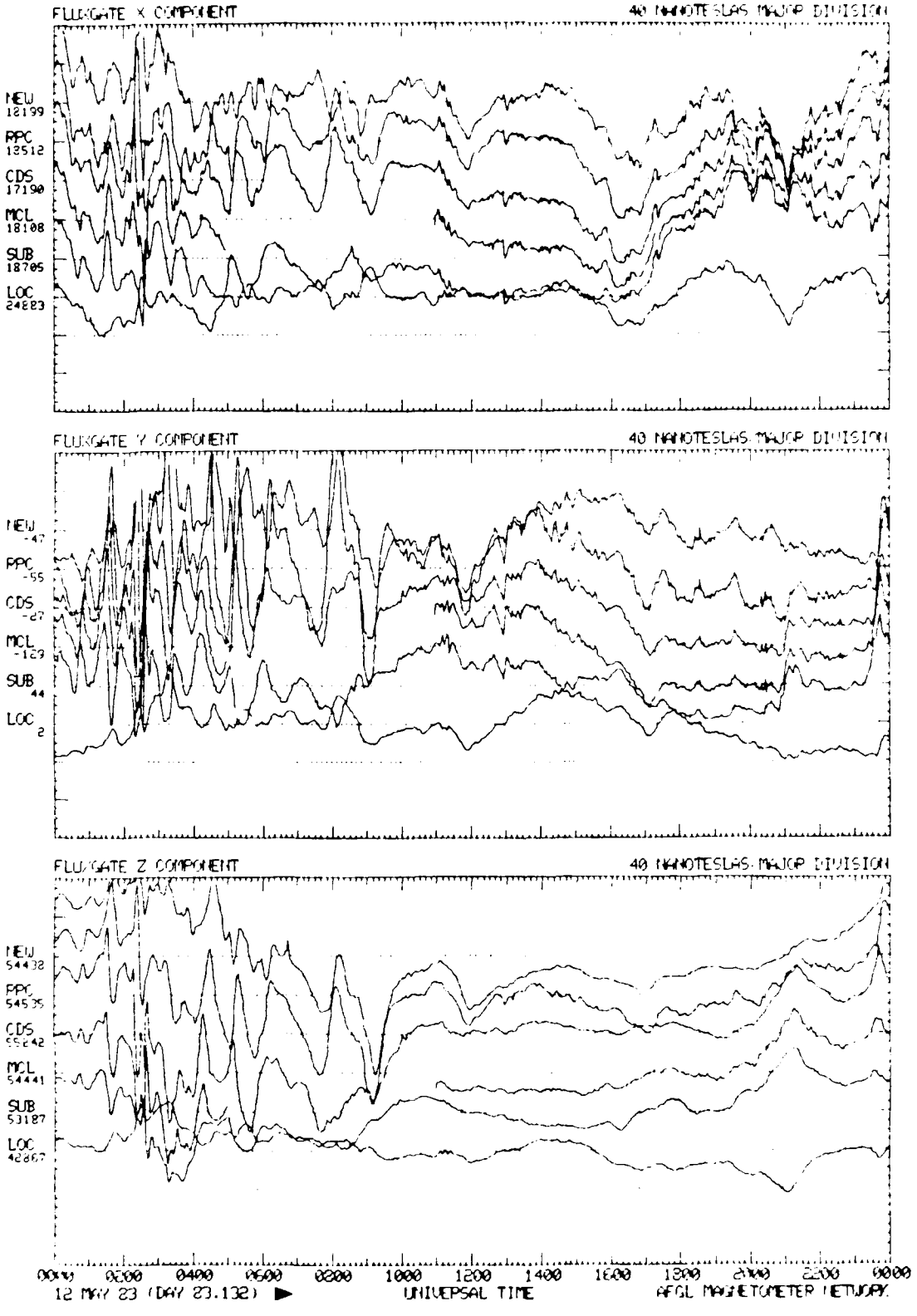

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
16222
FPC
12546
CDS
17214
MCL
18140
SUB
18759
LOC
24915
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-43
FPC
-64
CDS
-26
MCL
-142
SUB
46
LOC
-6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54430
FPC
54539
CDS
MCL
54435
SUB
53181
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
07 MAY 83 (DAY 83.127)
UNIVERSAL TIME

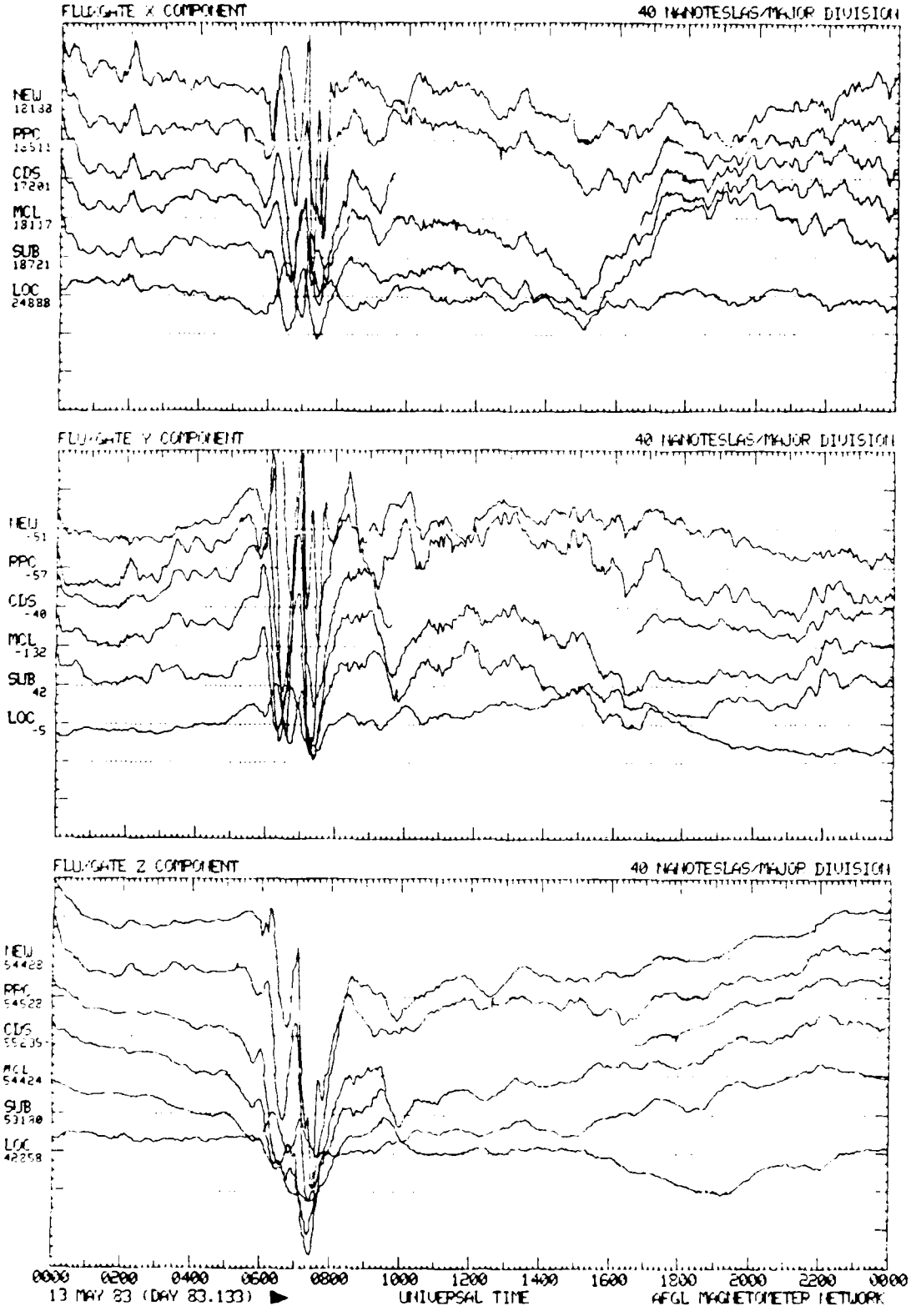

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18219
RPC 18545
CDS 17204
MCL 18131
SUB 18758
LOC 24916
FLUXGATE Y COMPONENT
40 NANOTESLAS MAJOR DIVISION
NEW -52
RPC -64
CDS -37
MCL -157
SUB 46
LOC -6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54436
RPC 54542
CDS 55246
MCL 54435
SUB 53176
LOC 42857
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 MAY 23 (DAY 23.128)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

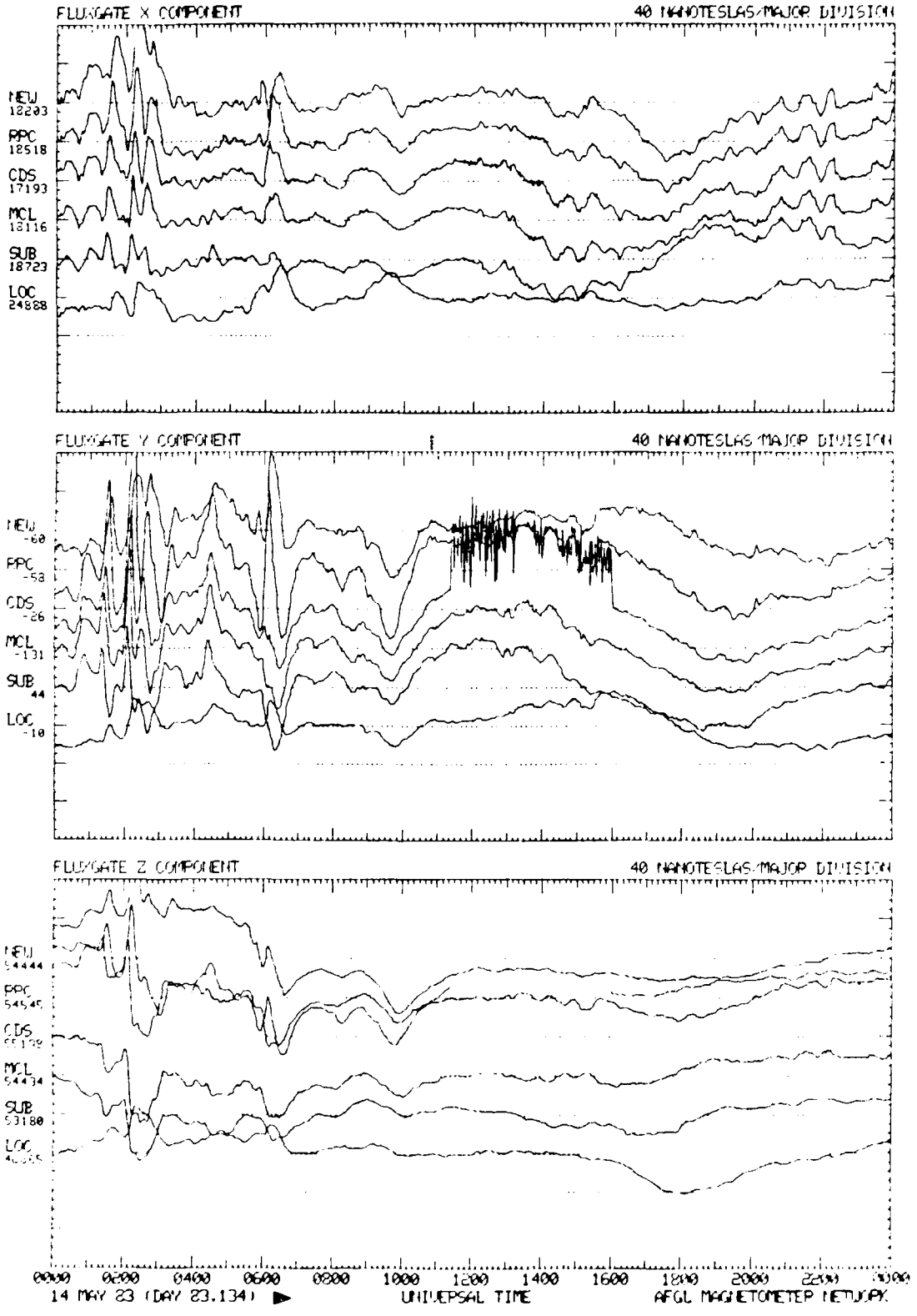

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18219
RPC 12552
CDS 17209
MCL 18132
SUB 18750
LOC 24919
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -64
RPC -63
CDS -33
MCL -153
SUB 52
LOC -9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54429
RPC 54545
CDS 55248
MCL 54428
SUB 53188
LOC 42259
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 MAY 83 (DAY 83.129)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

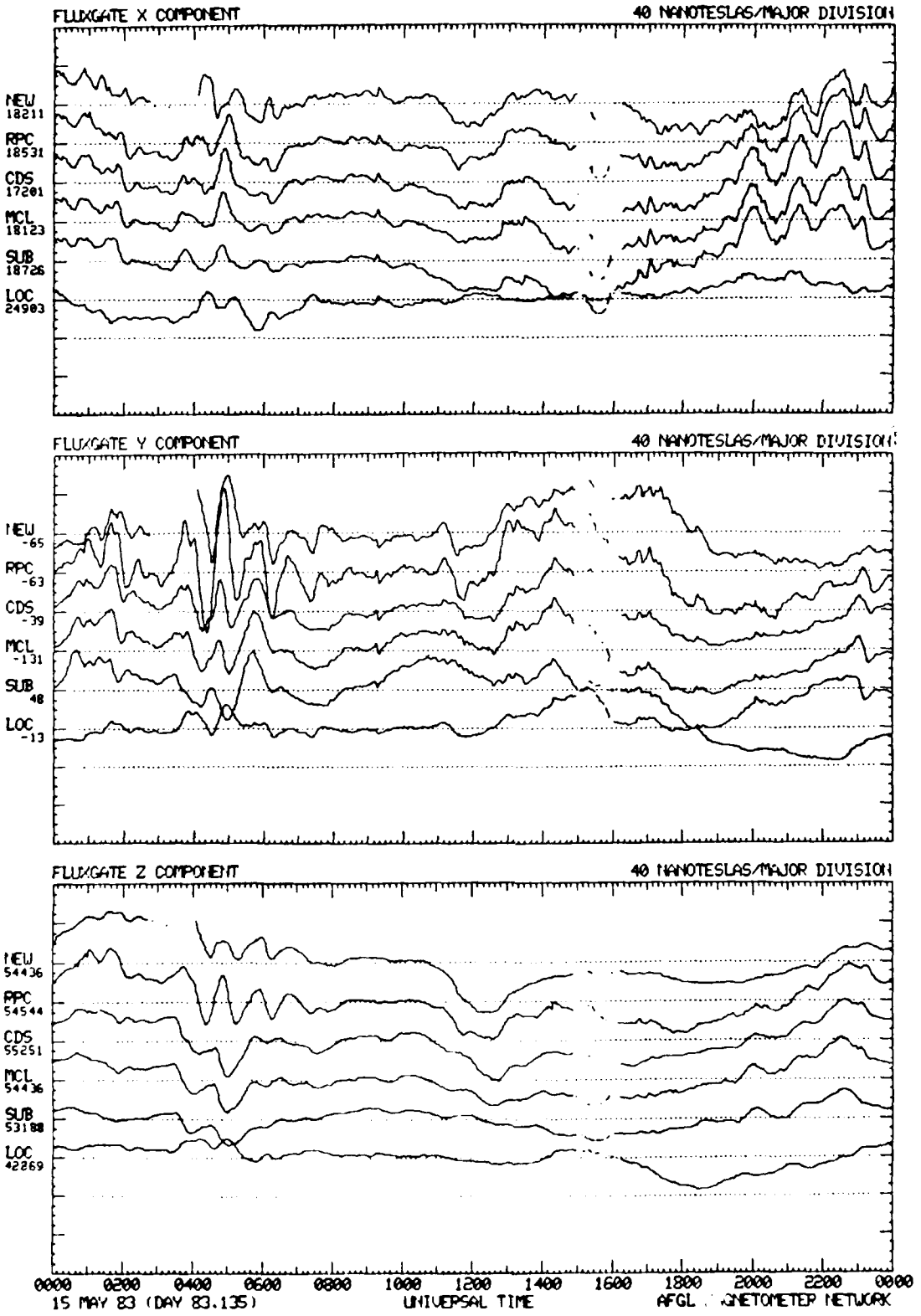

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18227
RPC 12556
CDS 17218
MCL 18141
SUB 18746
LOC 24925
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -62
PPC -67
CDS -39
MCL -157
SUB 42
LOC -9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54423
PPC 54536
CDS 55244
MCL 54427
SUB 53191
LOC 42257
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 MAY 83 (DAY 23.130)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

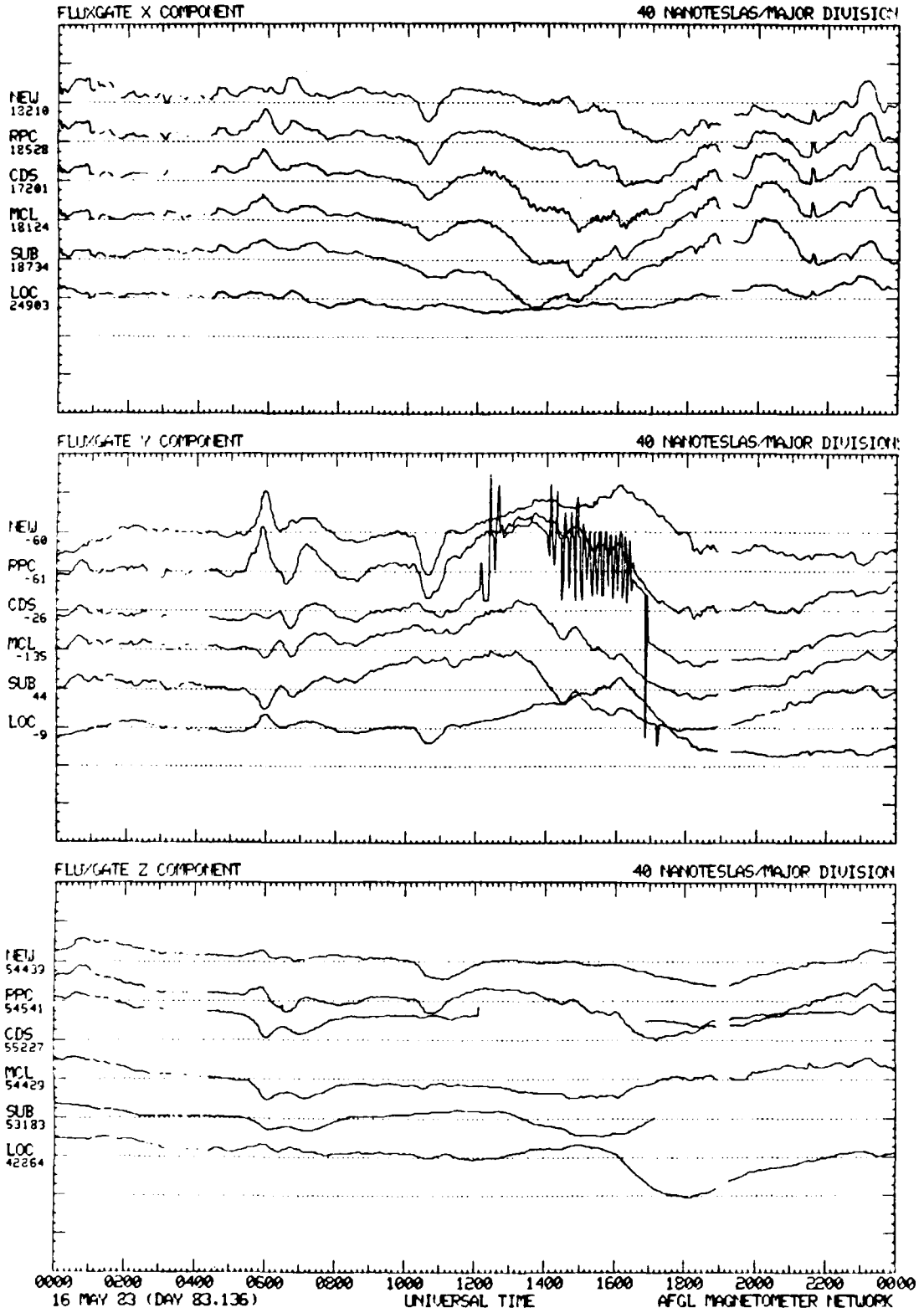

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1822
RPC
18540
CDS
17211
MCL
18135
SUB
18740
LOC
24911
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-49
RPC
-56
CDS
-27
MCL
-125
SUB
46
LOC
1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54415
RPC
54525
CDS
55229
MCL
54419
SUB
53190
LOC
43251
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
11 MAY 83 (DAY 83.131)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

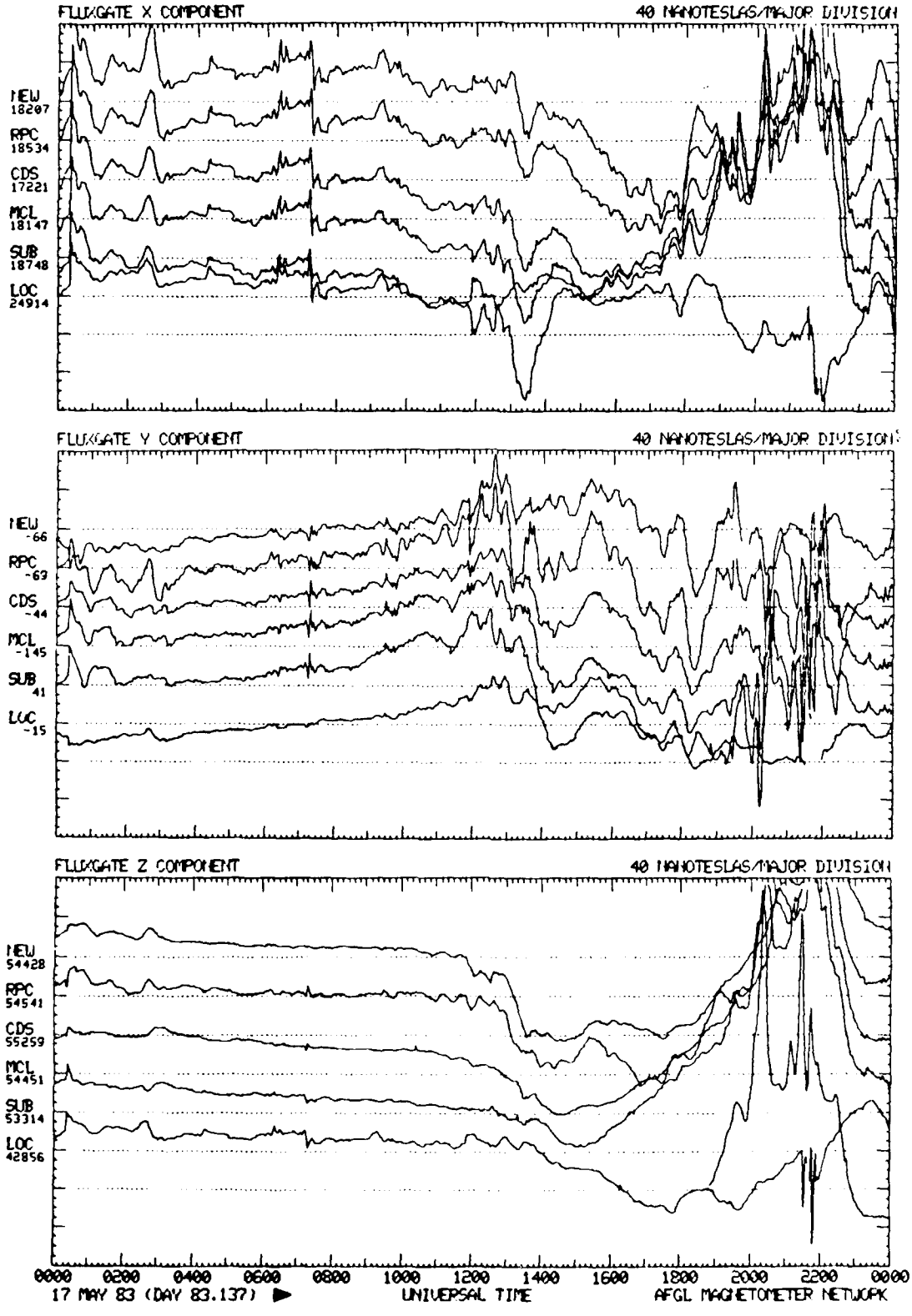

FLUXGATE X COMPONENT
40 NANOTESLAS MAJOR DIVISION
NEW 18199
PPC 13512
CDS 17190
MCL 18108
SUB 18705
LOC 24883
FLUXGATE Y COMPONENT
40 NANOTESLAS MAJOR DIVISION
NEW -47
PPC -55
CDS -27
MCL -129
SUB 44
LOC 2
FLUXGATE Z COMPONENT
40 NANOTESLAS MAJOR DIVISION
NEW 54438
PPC 54535
CDS 55642
MCL 54441
SUB 53187
LOC 42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 MAY 83 (DAY 83.132)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

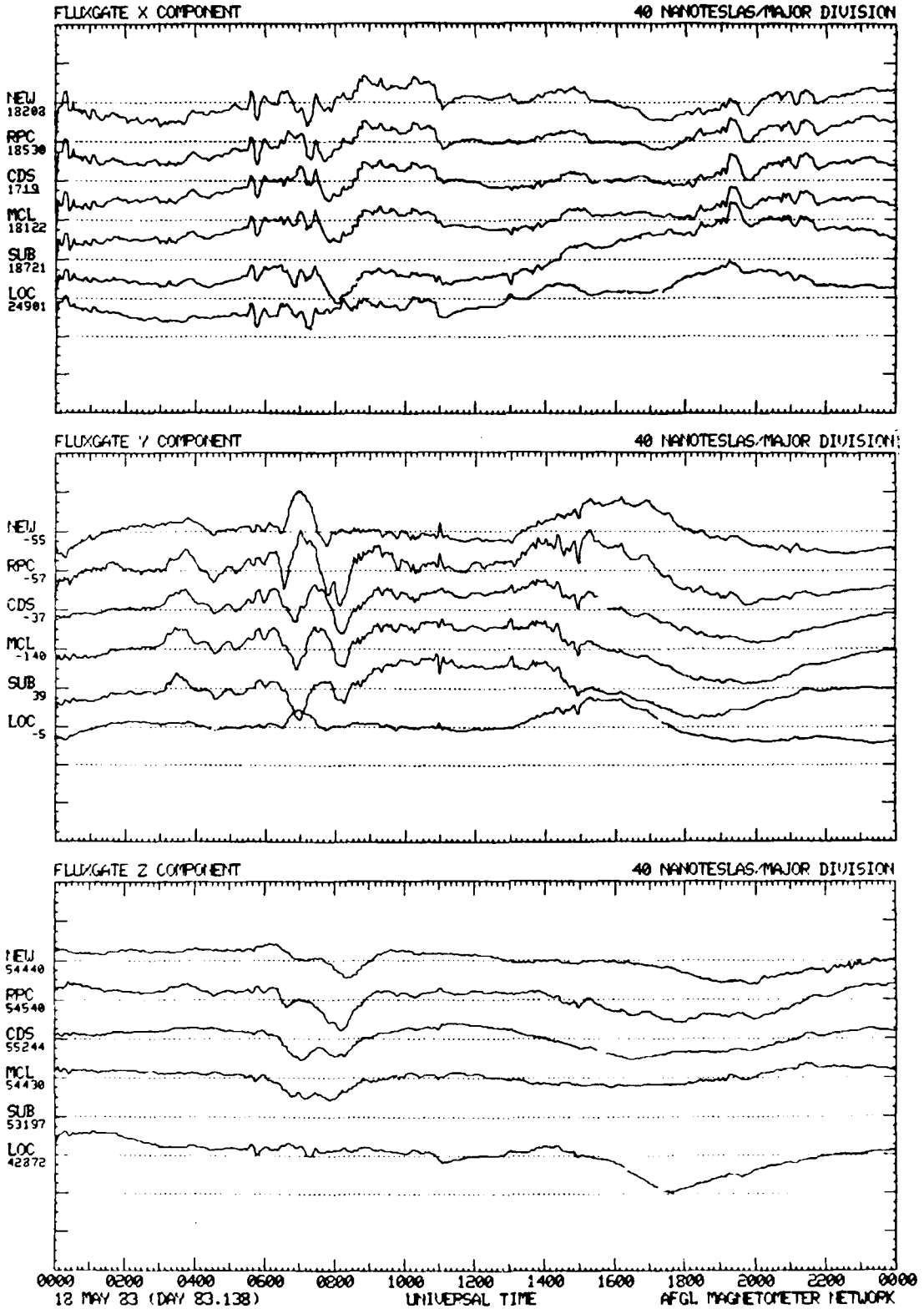

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18138
PPC 18511
CDS 17201
MCL 18117
SUB 18721
LOC 24888
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -51
PPC -57
CDS -40
MCL -132
SUB 42
LOC -5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54428
PPC 54522
CDS 55235
MCL 54424
SUB 53190
LOC 42258
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 MAY 83 (DAY 83.133)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

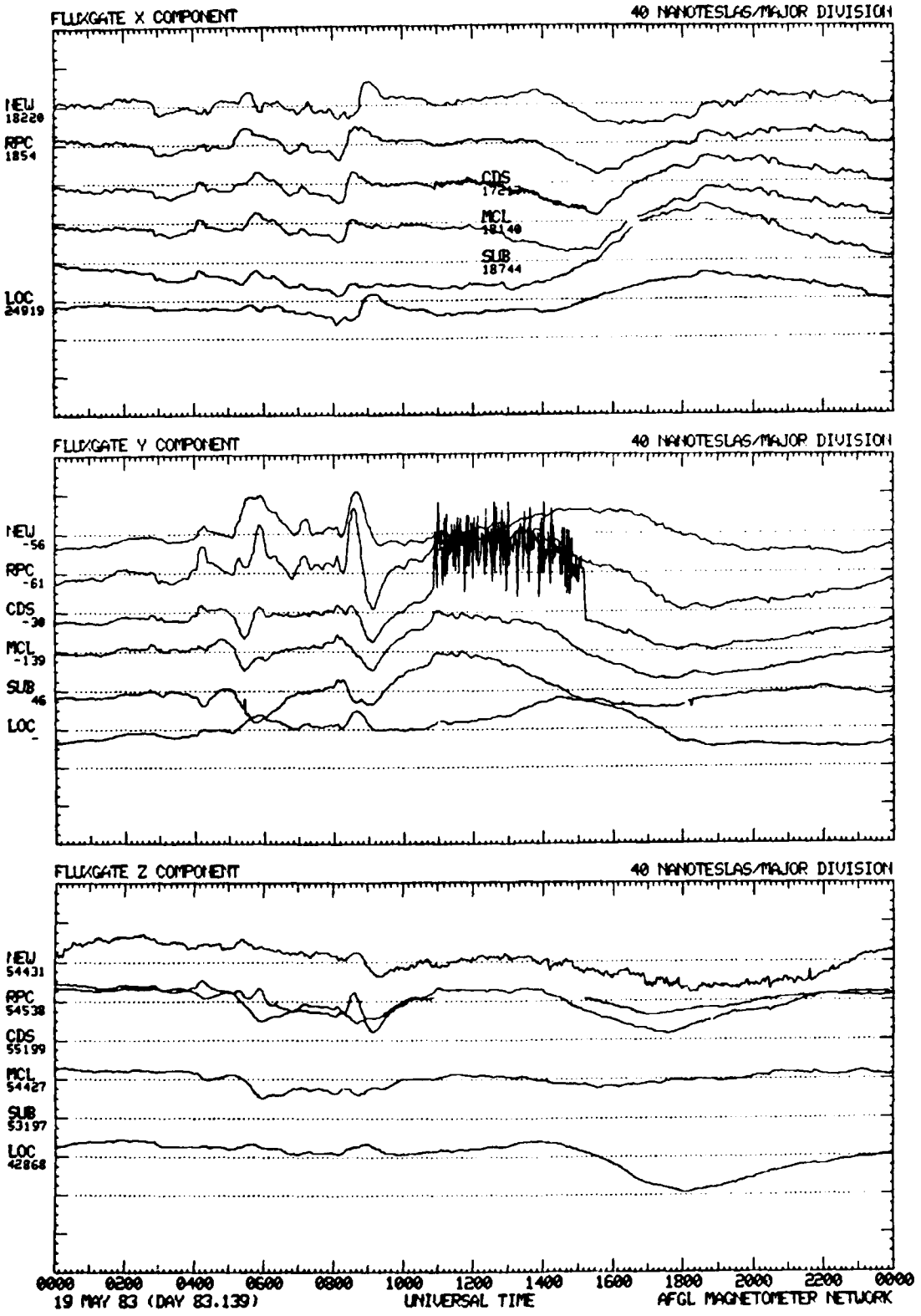

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18203
PPC
18518
CDS
17193
MCL
18116
SUB
18723
LOC
24888
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-60
PPC
-53
CDS
-26
MCL
-131
SUB
44
LOC
-10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54444
PPC
54545
MCL
54434
SUB
53180
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
14 MAY 83 (DAY 83.134)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

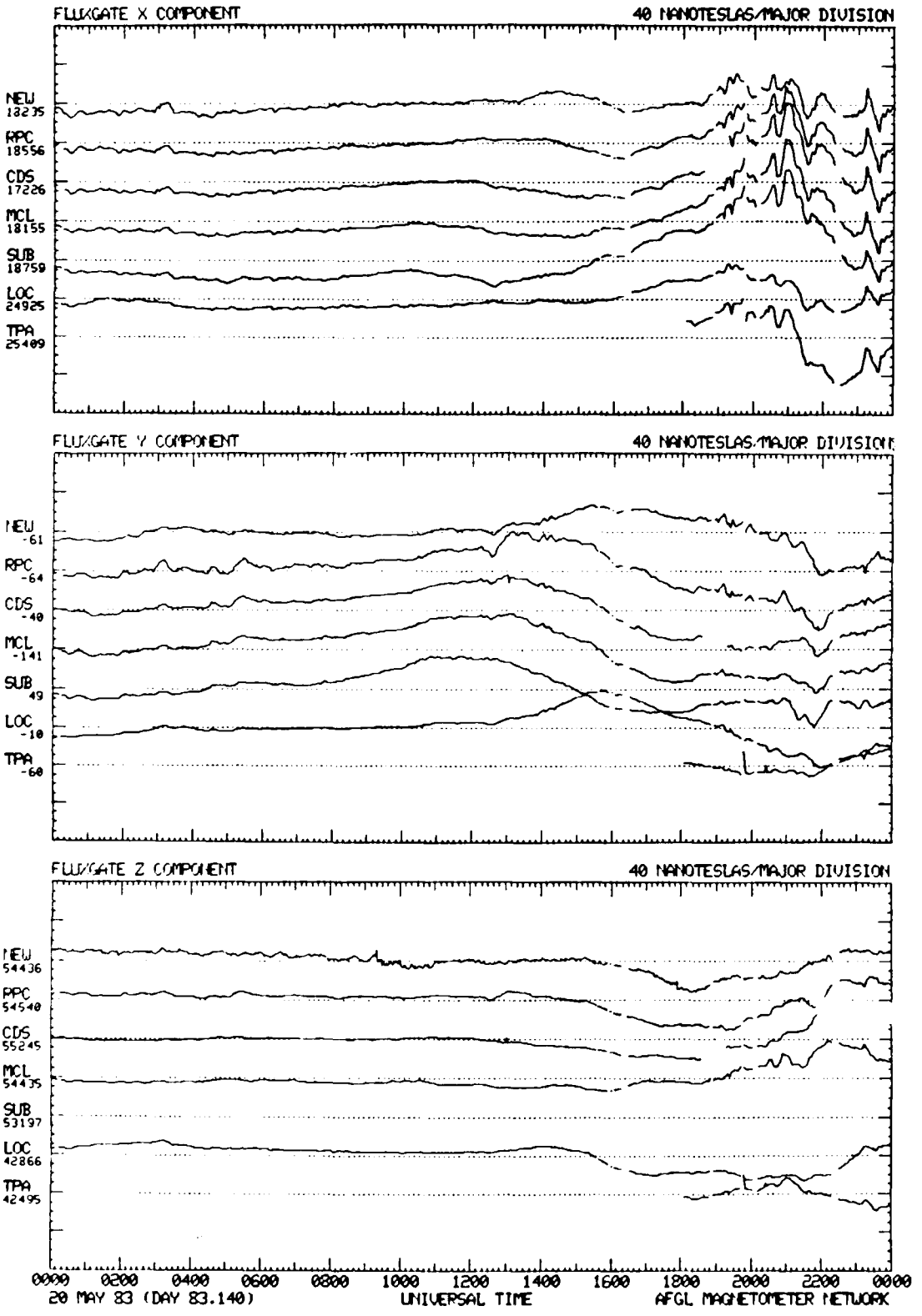

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18211
RPC 18531
CDS 17201
MCL 18123
SUB 18726
LOC 24903
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -65
RPC -63
CDS -39
MCL -131
SUB 48
LOC -13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54436
RPC 54544
CDS 55251
MCL 54436
SUB 53188
LOC 42269
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 MAY 83 (DAY 83.135)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

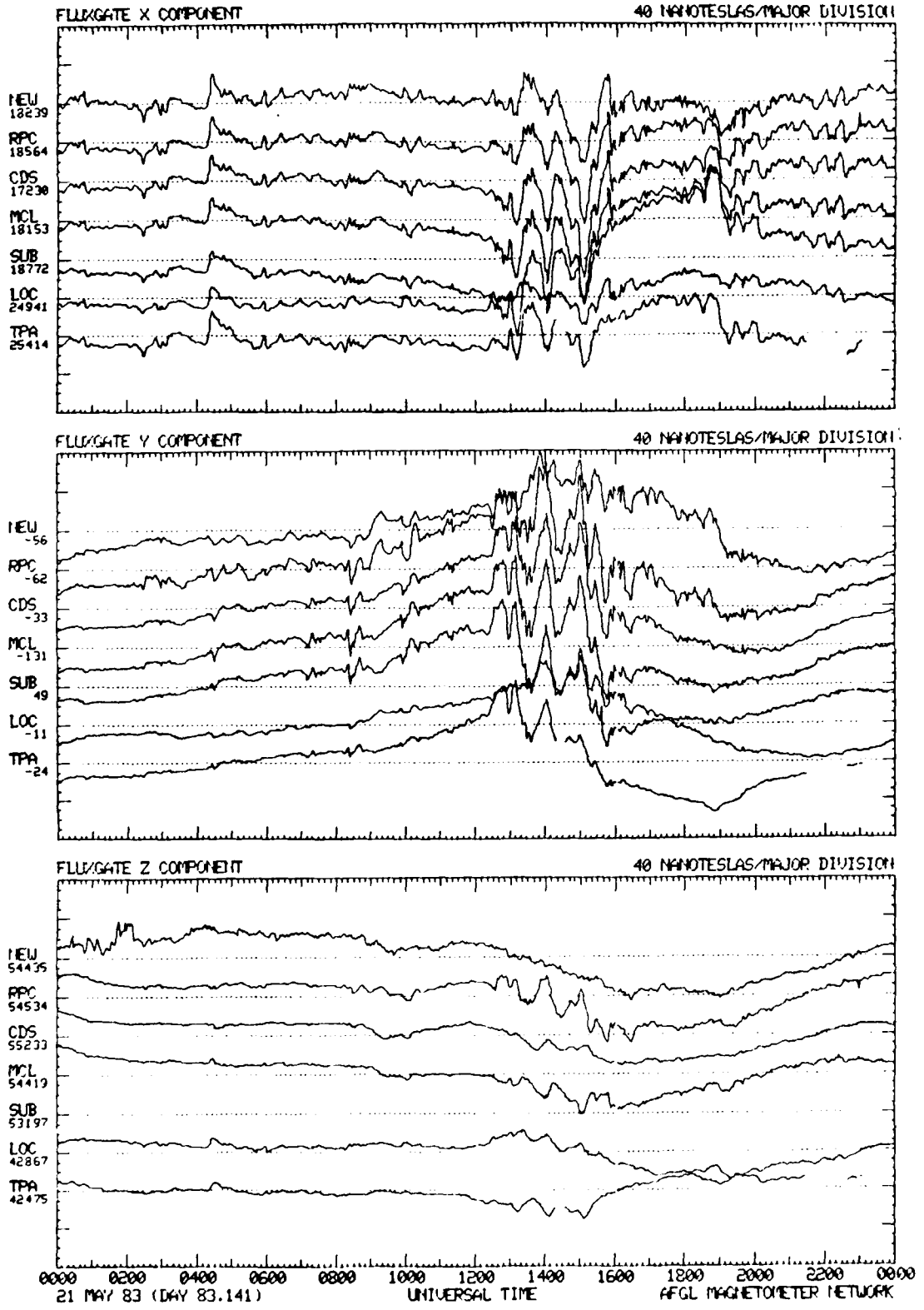

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13210
RPC 18528
CDS 17201
MCL 18124
SUB 18734
LOC 24903
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -60
RPC -61
CDS -26
MCL -135
SUB 44
LOC -9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54439
RPC 54541
CDS 55227
MCL 54429
SUB 53183
LOC 42264
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 MAY 23 (DAY 83.136)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

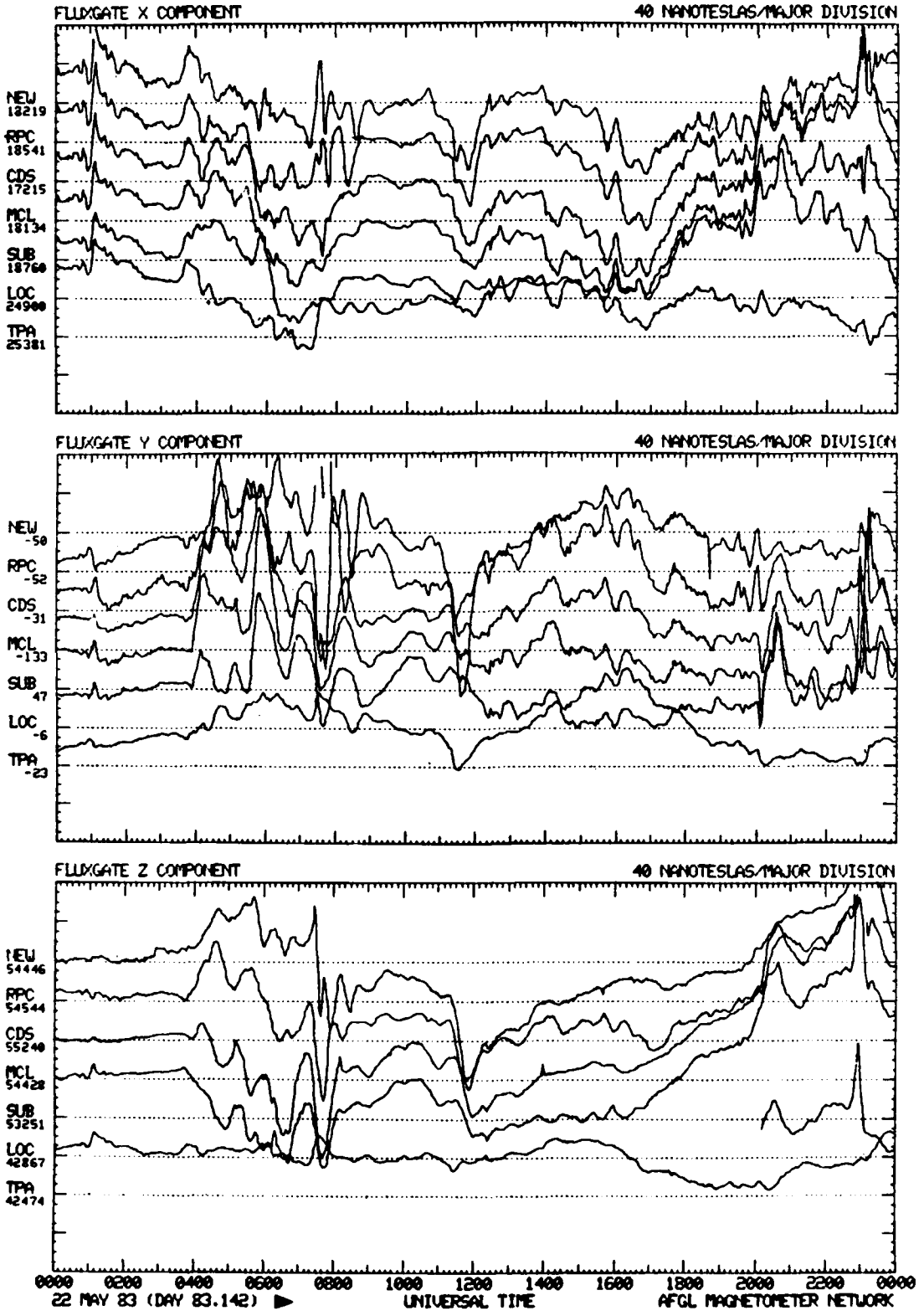

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18207
RPC 18534
CDS 17221
MCL 18147
SUB 18748
LOC 24914
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -66
RPC -69
CDS -44
MCL -145
SUB 41
LOC -15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54428
RPC 54541
CDS 55259
MCL 54451
SUB 53314
LOC 42856
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 MAY 83 (DAY 83.137)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

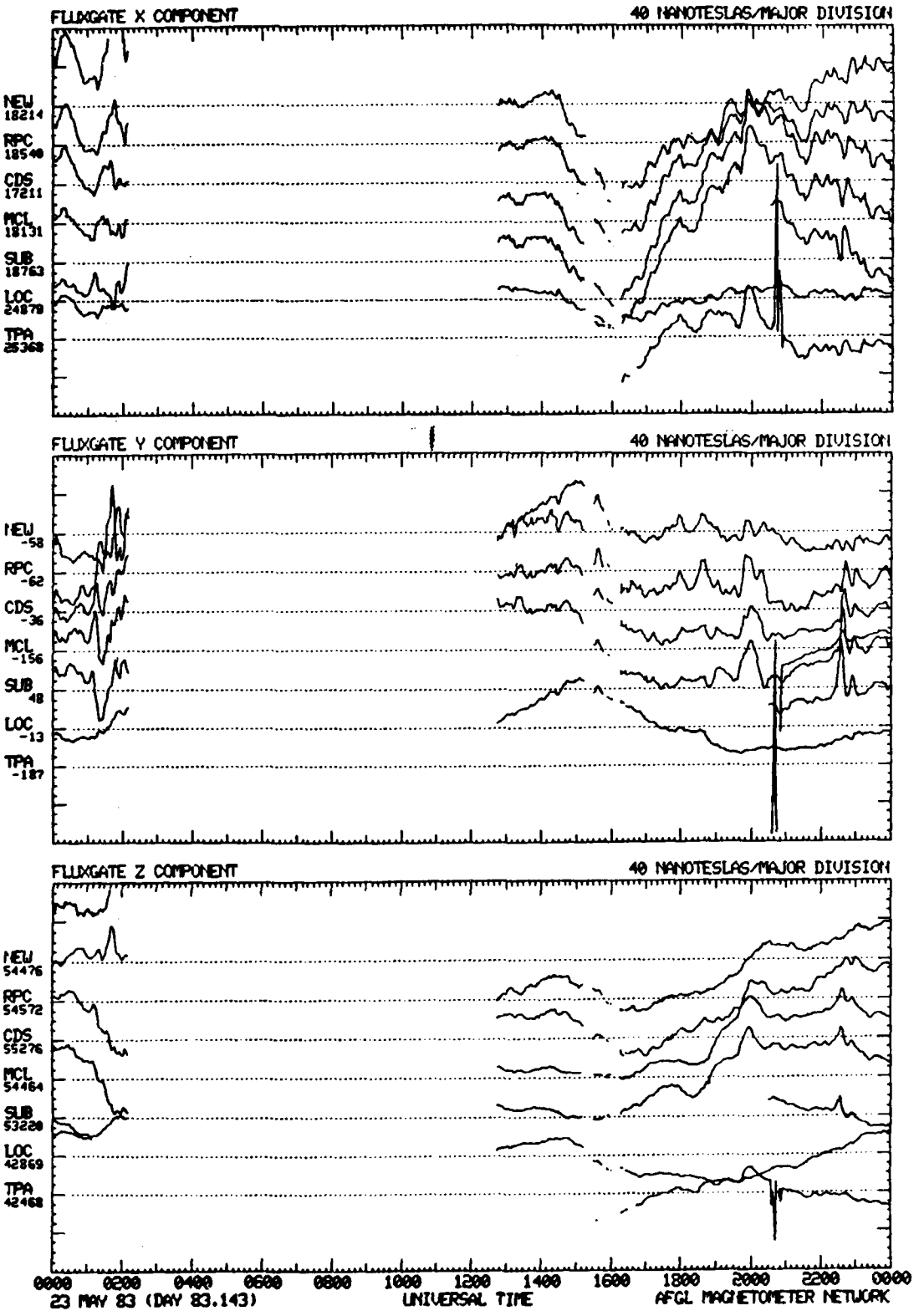

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18203
RPC
18530
CDS
1713
MCL
18122
SUB
18721
LOC
24901
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-55
RPC
-57
CDS
-37
MCL
-140
SUB
39
LOC
-5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54440
RPC
54540
CDS
55244
MCL
54430
SUB
53197
LOC
42872
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 MAY 83 (DAY 83.138)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

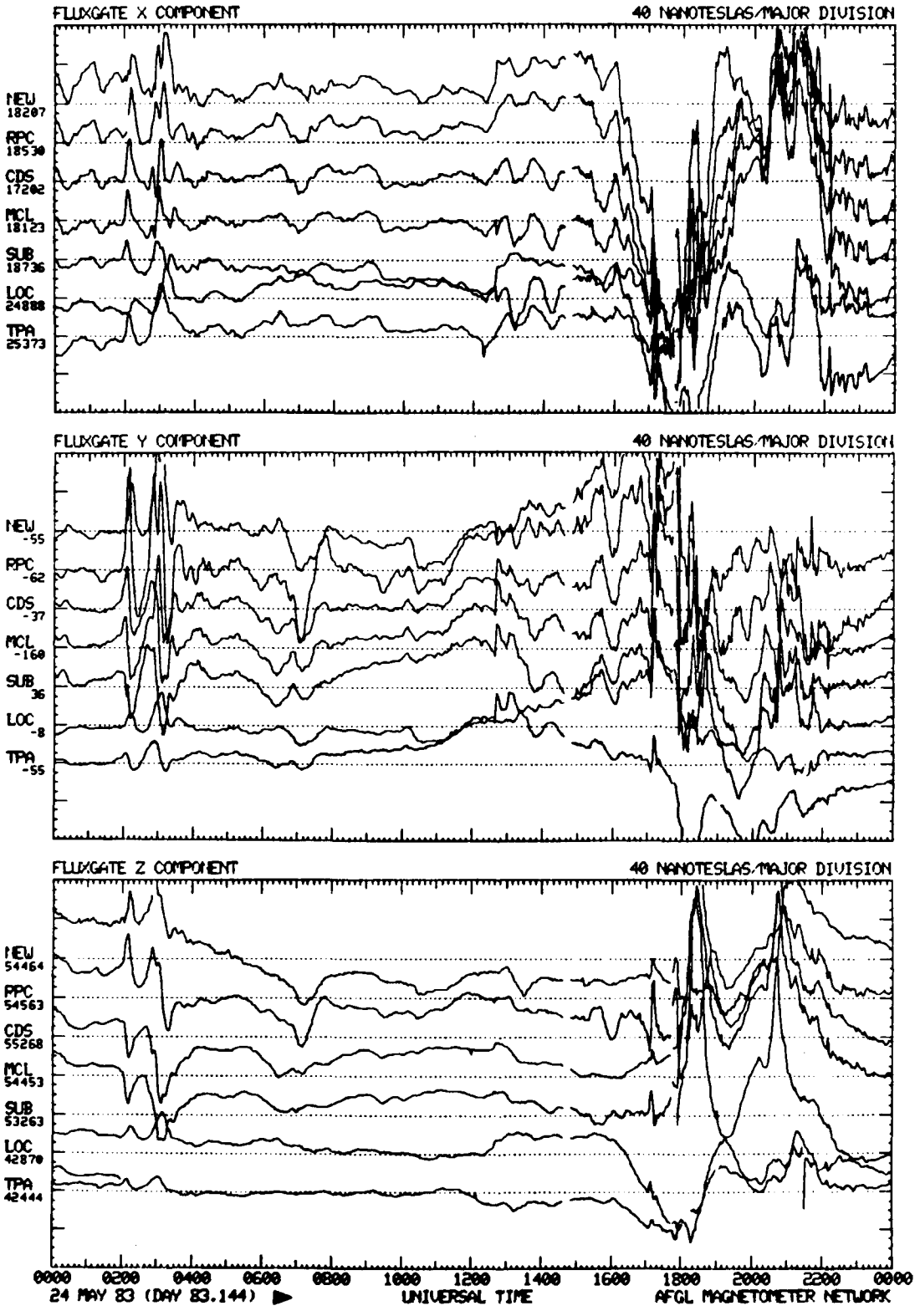

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18220
RPC
1854
CDS
MCL
18140
SUB
18744
LOC
24919
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-56
RPC
-61
CDS
-30
MCL
-139
SUB
46
LOC
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54431
RPC
54538
CDS
55199
MCL
54427
SUB
53197
LOC
42868
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 MAY 83 (DAY 83.139)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

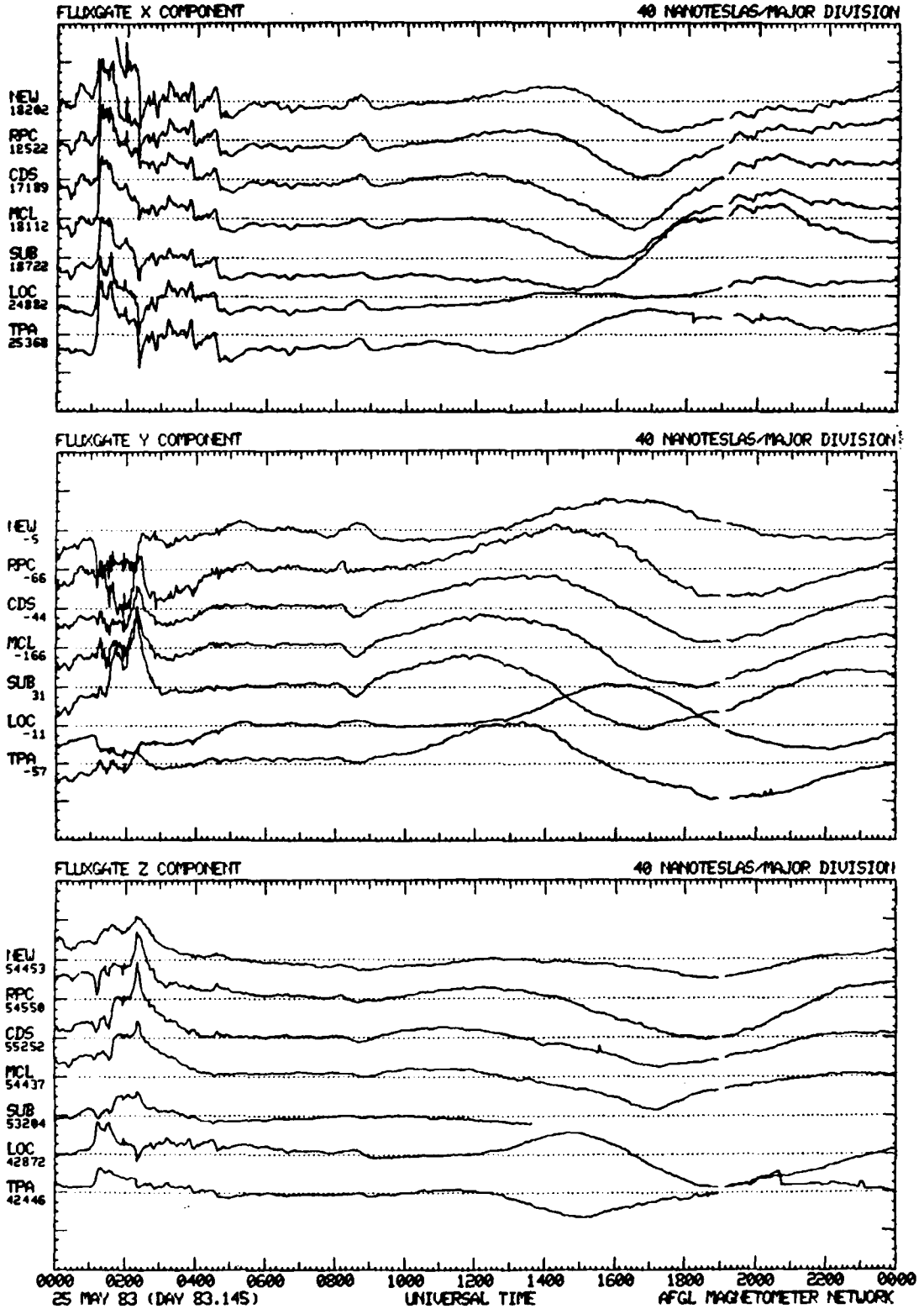

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13235
RPC 18556
CDS 17226
MCL 18155
SUB 18759
LOC 24925
TPA 25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -61
RPC -64
CDS -40
MCL -141
SUB 49
LOC -10
TPA -60
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54436
RPC 54540
CDS 55245
MCL 54435
SUB 53197
LOC 42866
TPA 42495
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 MAY 83 (DAY 83.140)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

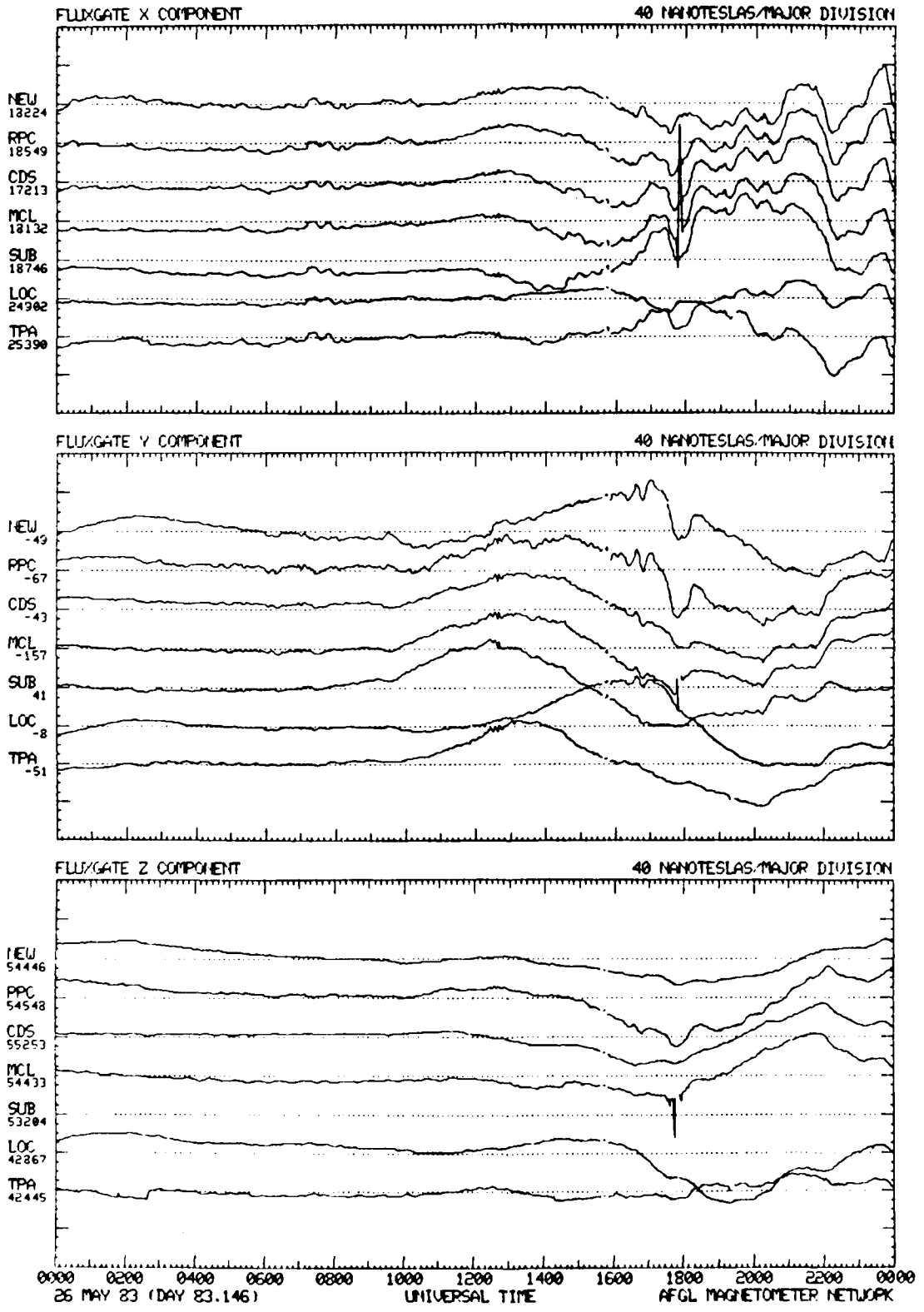

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18239
RPC 18564
CDS 17230
MCL 18153
SUB 18772
LOC 24941
TPA 25414
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -62
CDS -33
MCL -131
SUB 49
LOC -11
TPA -24
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54435
RPC 54534
CDS 55233
MCL 54419
SUB 53197
LOC 42867
TPA 42475
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 MAY 83 (DAY 83.141)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

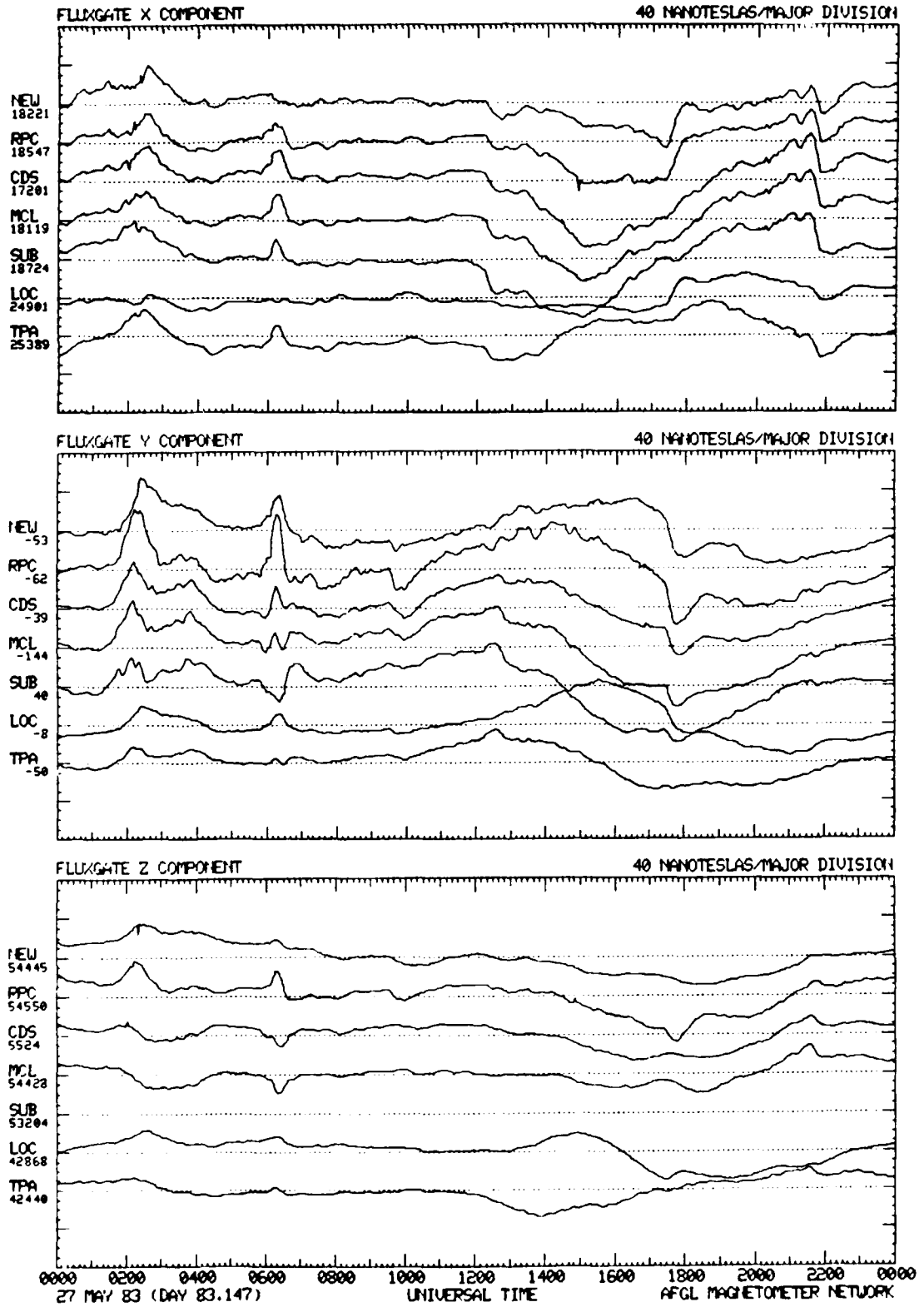

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13219
RPC 18541
CDS 17215
MCL 18134
SUB 18760
LOC 24900
TPA 25381
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -50
RPC -52
CDS -31
MCL -133
SUB 47
LOC -6
TPA -23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54446
RPC 54544
CDS 55240
MCL 54428
SUB 53251
LOC 42867
TPA 42474
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 MAY 83 (DAY 83.142)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

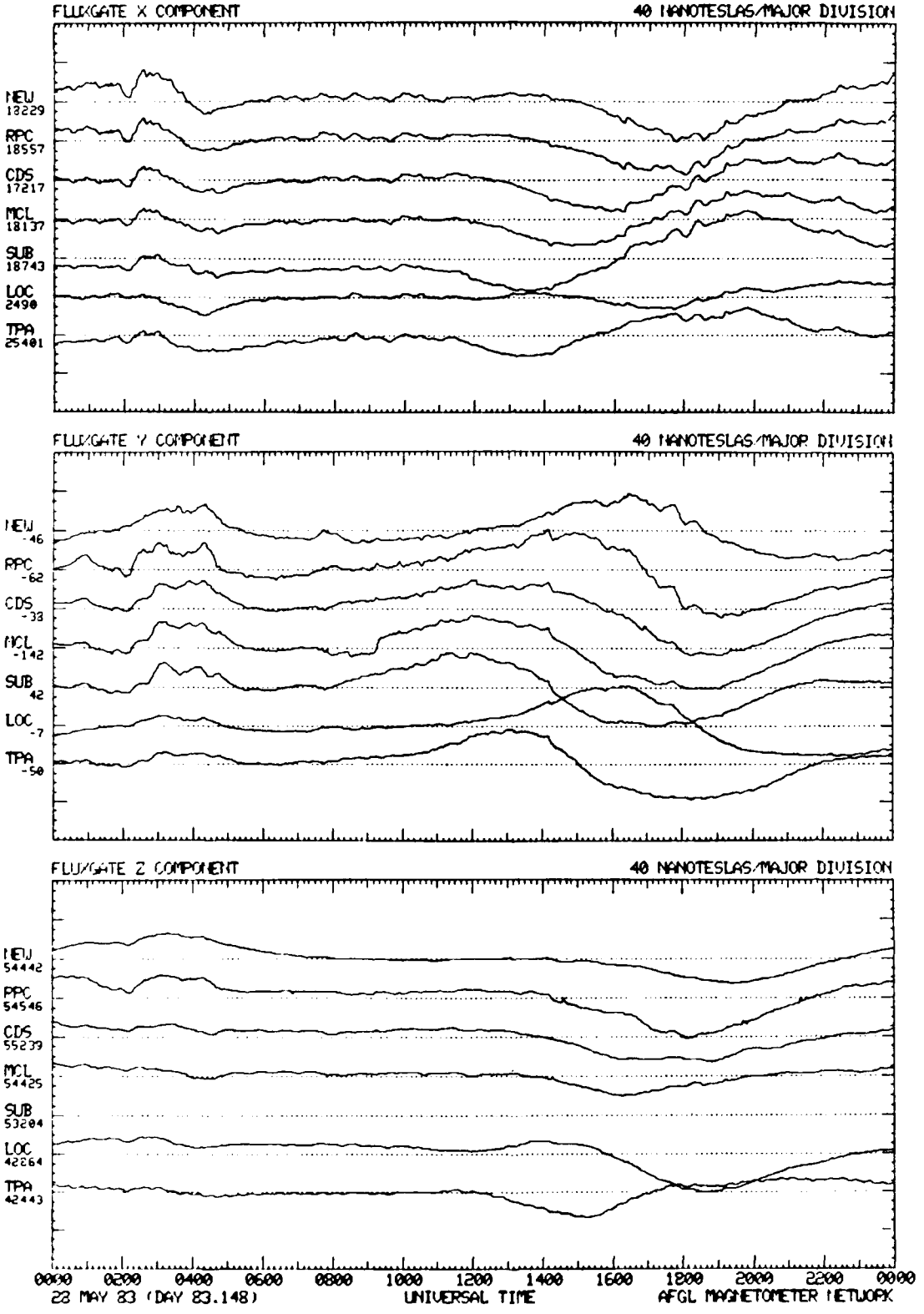

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18214
RPC 18540
CDS 17211
MCL 18131
SUB 18763
LOC 24879
TPA 25368
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -58
RPC -62
CDS -36
MCL -156
SUB 48
LOC -13
TPA -187
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54476
RPC 54572
CDS 55276
MCL 54464
SUB 53220
LOC 42869
TPA 42468
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 MAY 83 (DAY 83.143)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

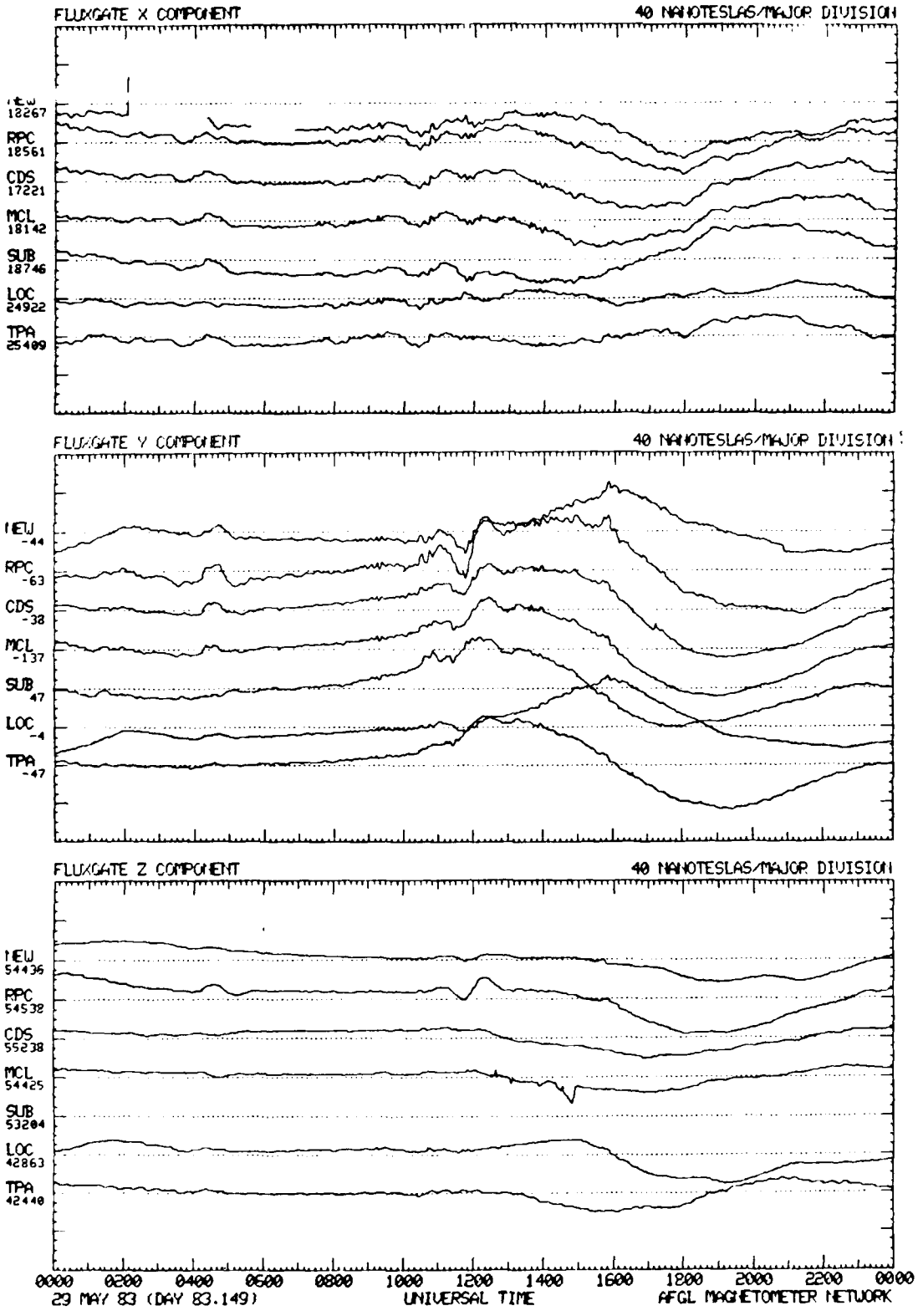

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18207
RPC 18530
CDS 17202
MCL 18123
SUB 18736
LOC 24888
TPA 25373
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -55
RPC -62
CDS -37
MCL -160
SUB 36
LOC -8
TPA -55
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54464
RPC 54563
CDS 55268
MCL 54453
SUB 53263
LOC 42870
TPA 42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 MAY 83 (DAY 83.144)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

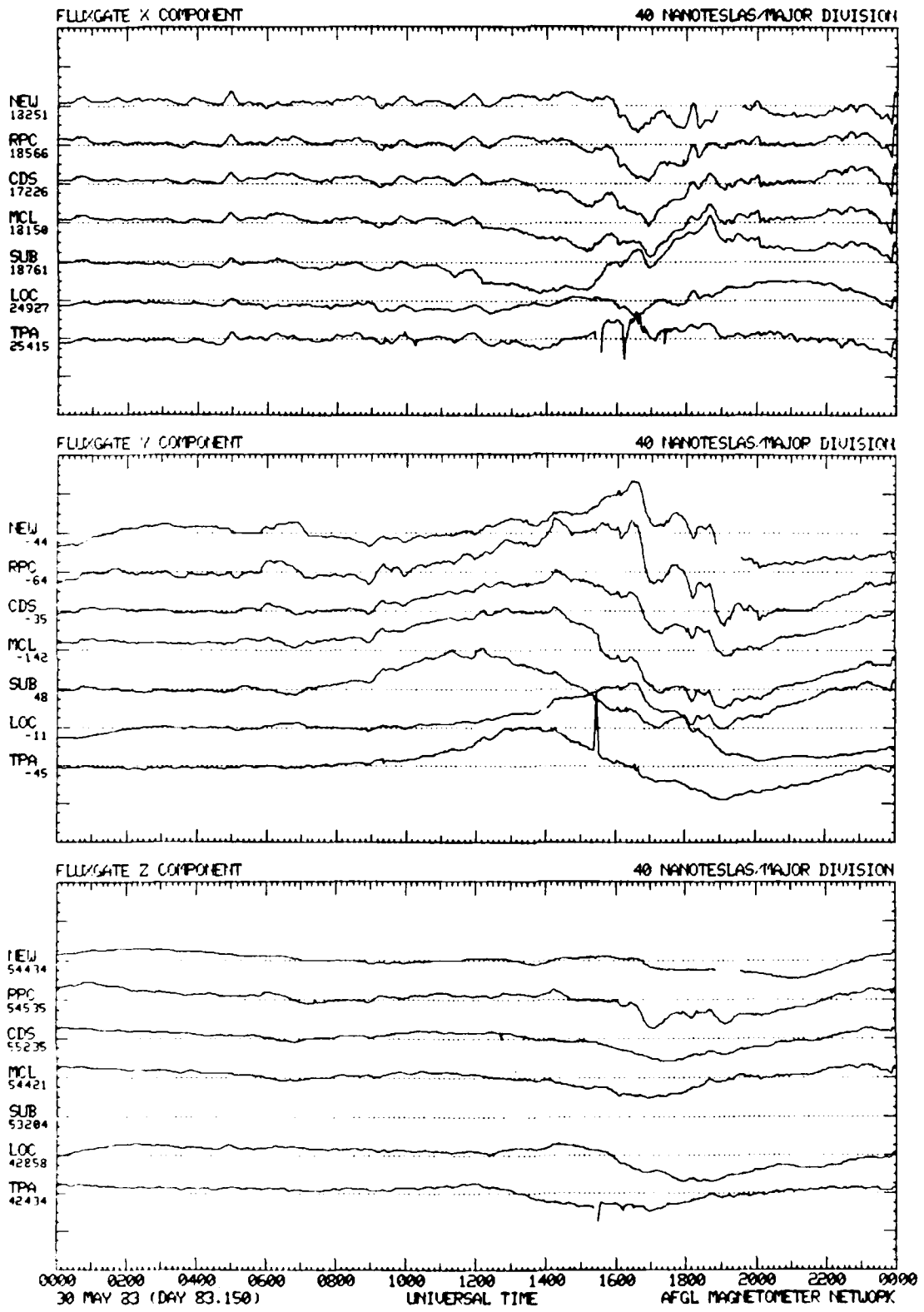

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18202
RPC 18522
CDS 17189
MCL 18112
SUB 18722
LOC 24882
TPA 25368
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -5
RPC -66
CDS -44
MCL -166
SUB 31
LOC -11
TPA -57
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54453
RPC 54550
CDS 55252
MCL 54437
SUB 53284
LOC 42872
TPA 42446
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 MAY 83 (DAY 83.145)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

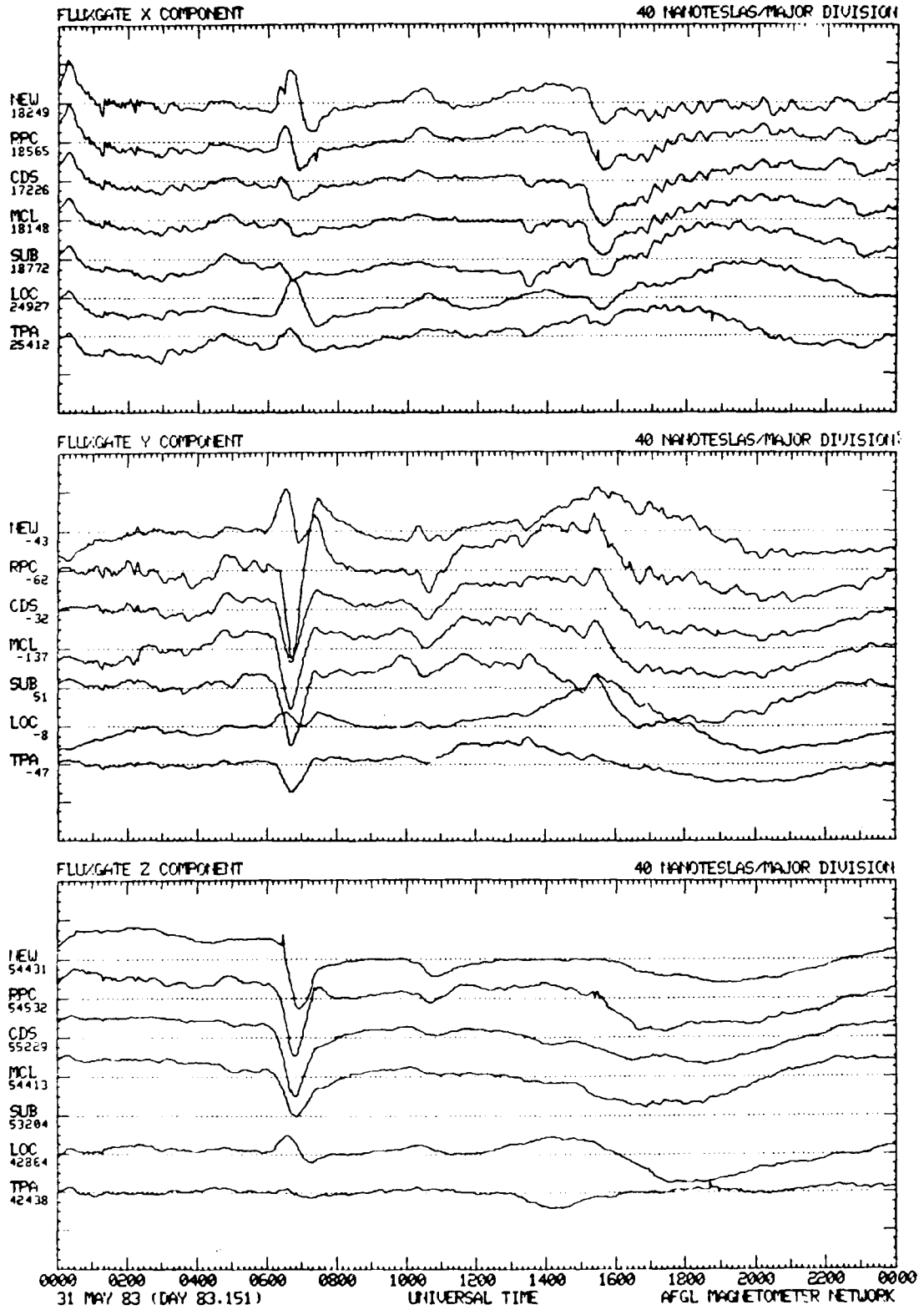

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18224
RPC 18549
CDS 17213
MCL 18132
SUB 18746
LOC 24902
TPA 25390
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -49
PPC -67
CDS -43
MCL -157
SUB 41
LOC -8
TPA -51
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54446
PPC 54548
CDS 55253
MCL 54433
SUB 53204
LOC 42867
TPA 42445
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 MAY 83 (DAY 83.146)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

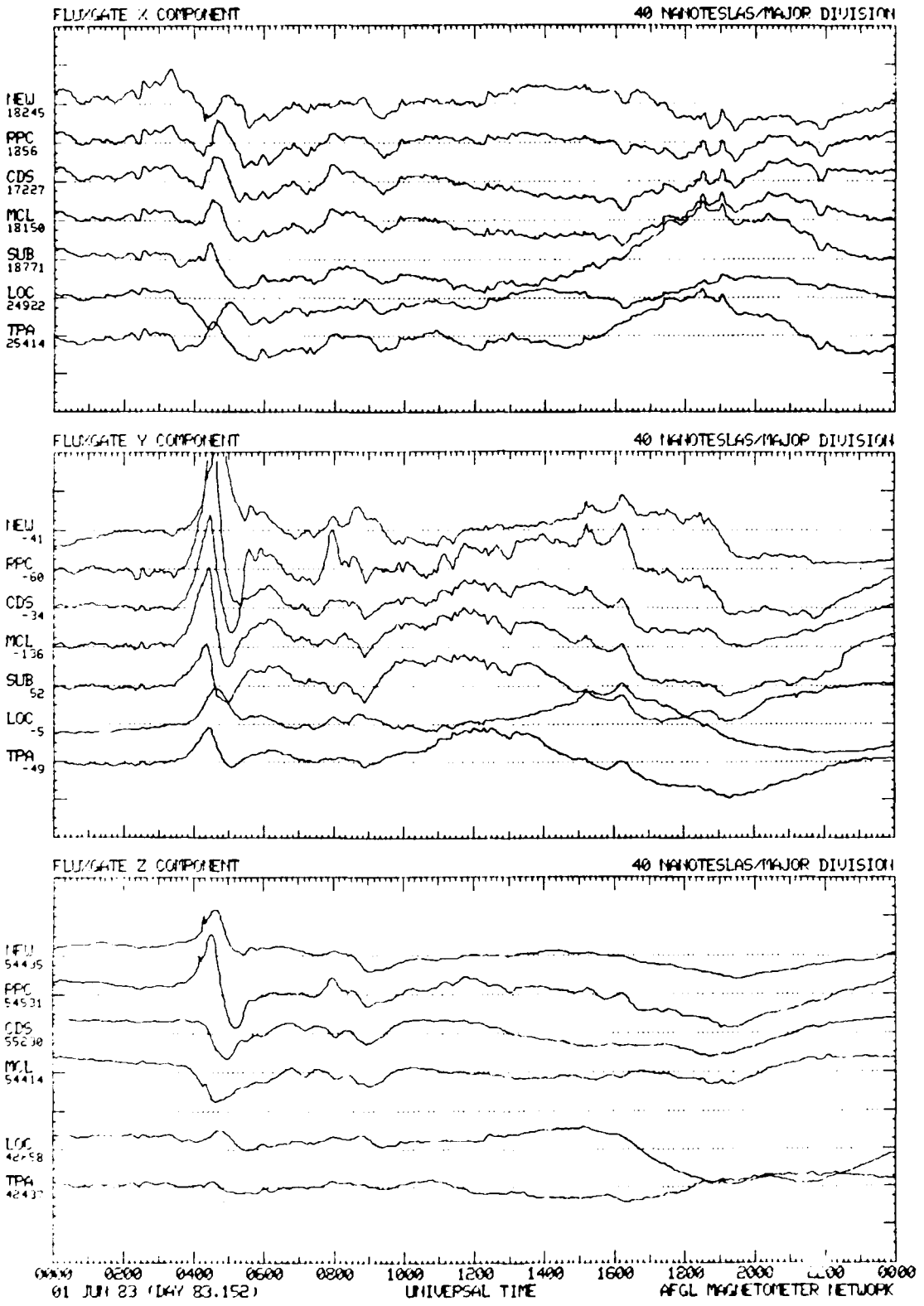

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18221
RPC 18547
CDS 17201
MCL 18119
SUB 18724
LOC 24901
TPA 25389
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -53
RPC -62
CDS -39
MCL -144
SUB 40
LOC -8
TPA -50
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54445
RPC 54550
CDS 5524
MCL 54428
SUB 53204
LOC 42868
TPA 42440
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 MAY 83 (DAY 83.147)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

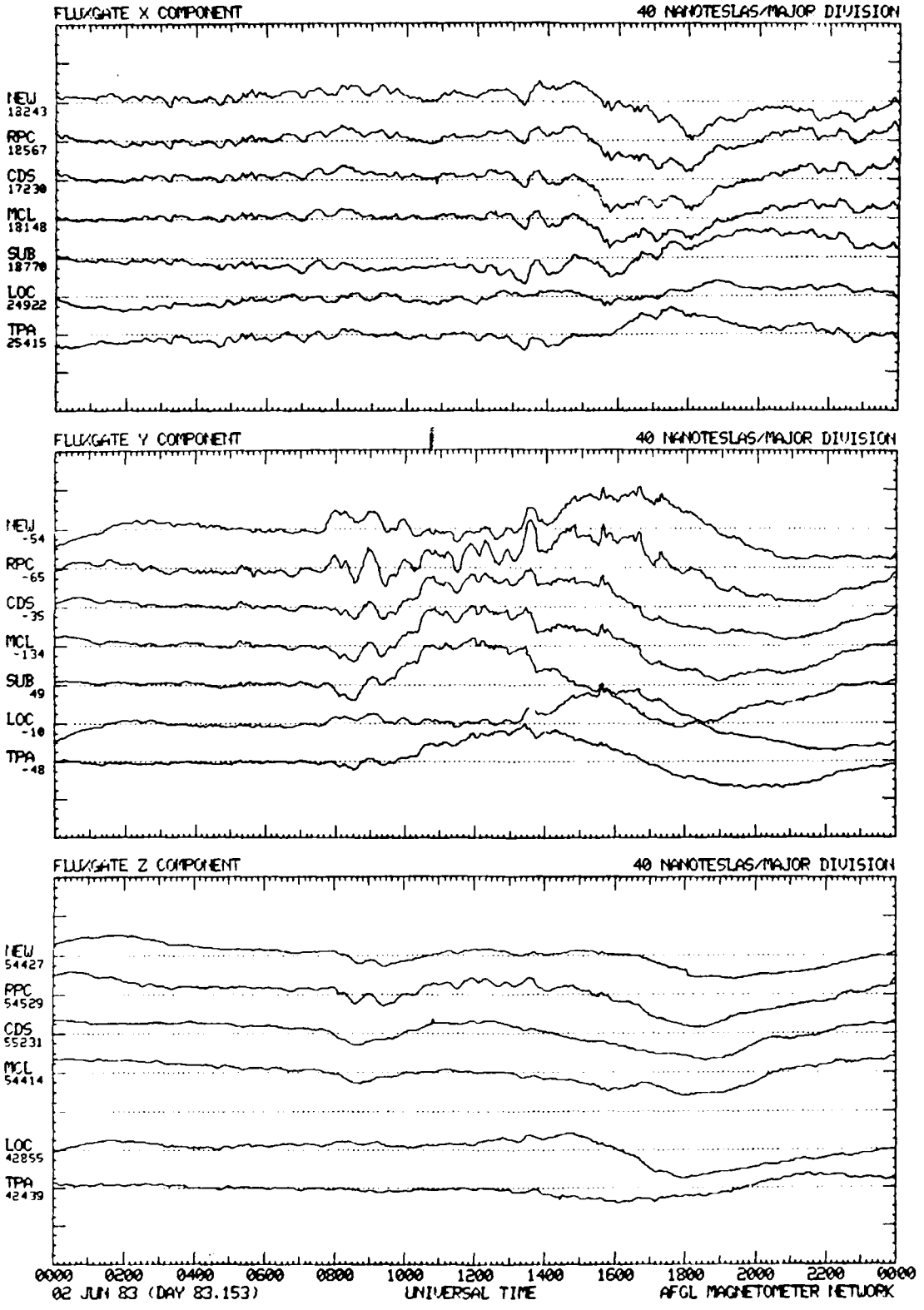

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13229
RPC 18557
CDS 17217
MCL 18137
SUB 18743
LOC 2490
TPA 25401
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -46
RPC -62
CDS -33
MCL -142
SUB 42
LOC -7
TPA -50
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54442
RPC 54546
CDS 55239
MCL 54425
SUB 53204
LOC 42264
TPA 42443
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 MAY 83 (DAY 83.148)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

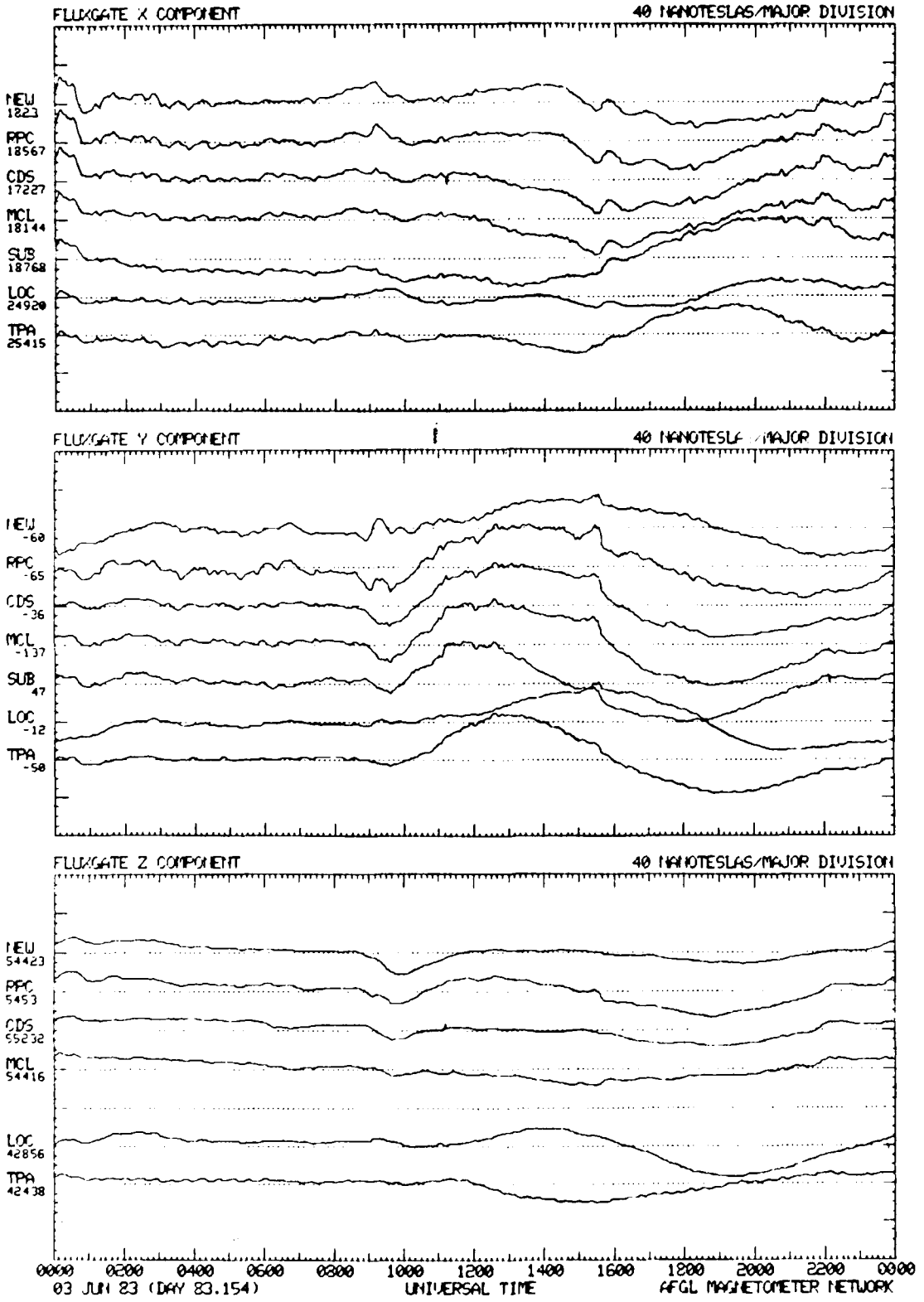

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18267
RPC
18561
CDS
17221
MCL
18142
SUB
18746
LOC
24922
TPA
25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-44
RPC
-63
CDS
-38
MCL
-137
SUB
47
LOC
-4
TPA
-47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54436
RPC
54538
CDS
55238
MCL
54425
SUB
53204
LOC
42863
TPA
42440
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 MAY 83 (DAY 83.149)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

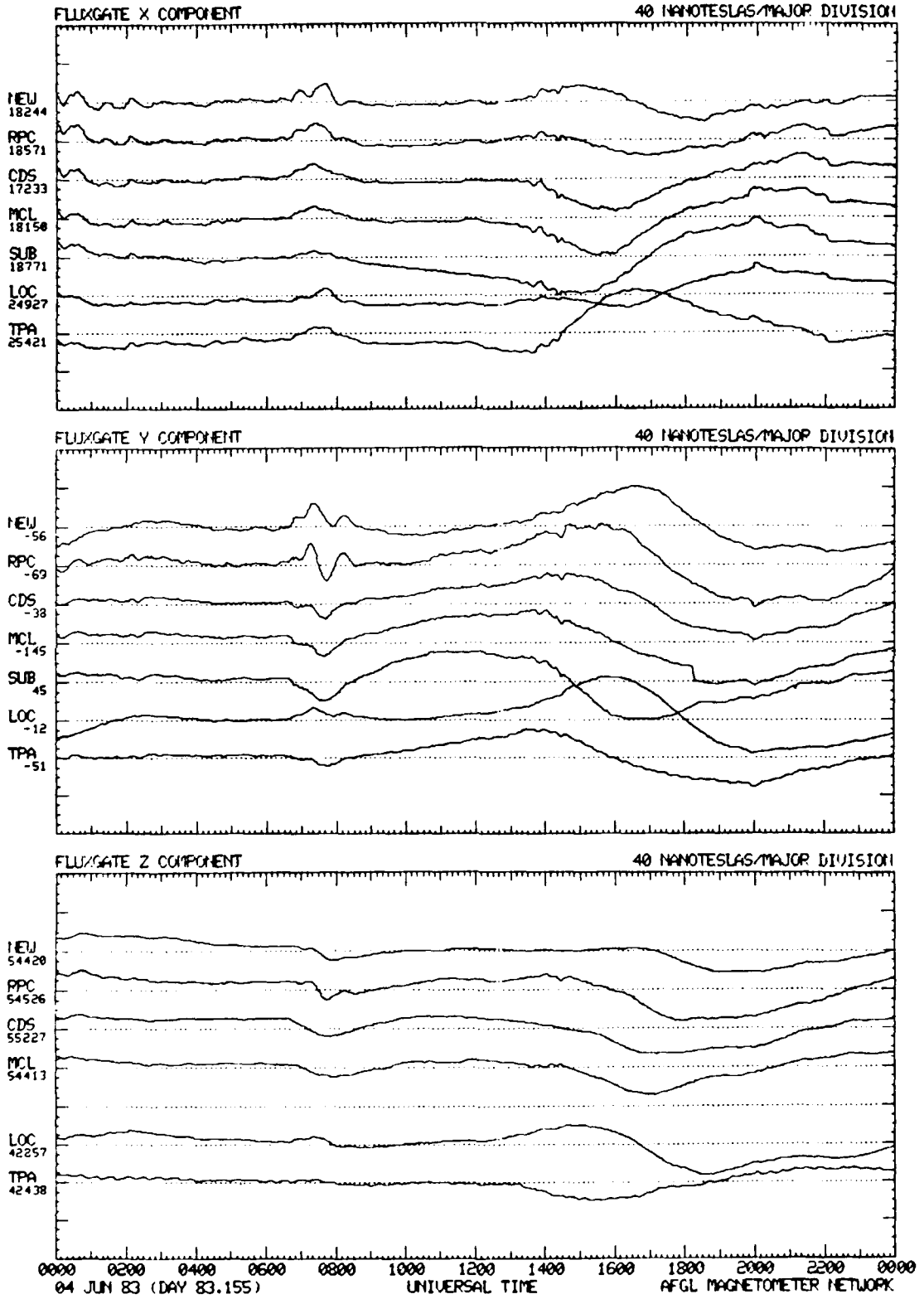

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13251
RPC 18566
CDS 17226
MCL 18150
SUB 18761
LOC 24927
TPA 25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -44
RPC -64
CDS -35
MCL -142
SUB 48
LOC -11
TPA -45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54434
RPC 54535
CDS 55235
MCL 54421
SUB 53204
LOC 42858
TPA 42434
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 MAY 83 (DAY 83.150)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

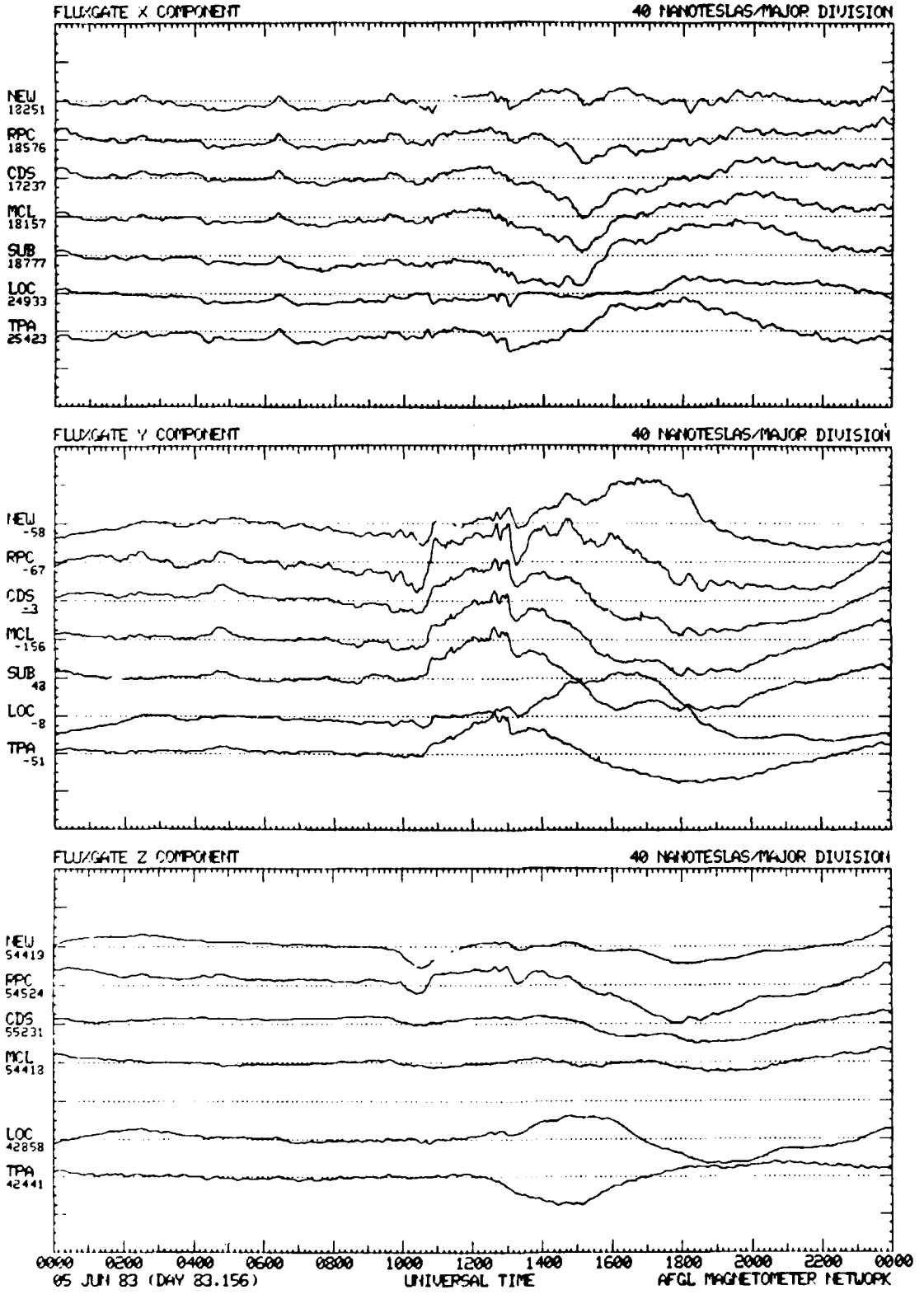

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18249
PPC 18565
CDS 17226
MCL 18148
SUB 18772
LOC 24927
TPA 25412
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -43
RPC -62
CDS -32
MCL -137
SUB 51
LOC -8
TPA -47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54431
RPC 54532
CDS 55229
MCL 54413
SUB 53204
LOC 42864
TPA 42438
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
31 MAY 83 (DAY 83.151)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

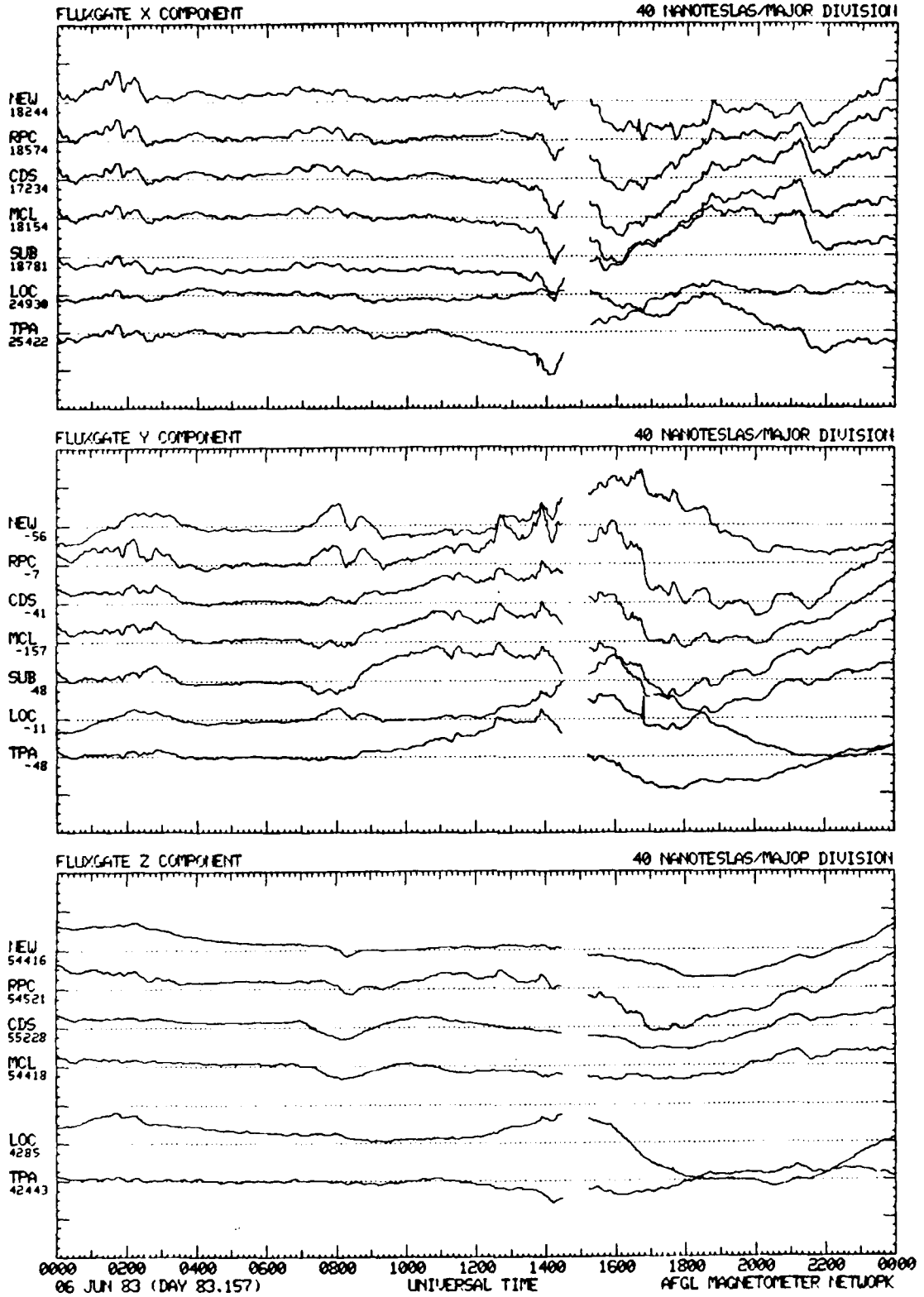

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18245
PPC
1856
CDS
17227
MCL
18150
SUB
18771
LOC
24922
TPA
25414
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-41
PPC
-60
CDS
-34
MCL
-136
SUB
52
LOC
-5
TPA
-49
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54435
PPC
54531
CDS
55230
MCL
54414
LOC
42658
TPA
42437
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 JUN 83 (DAY 83.152)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

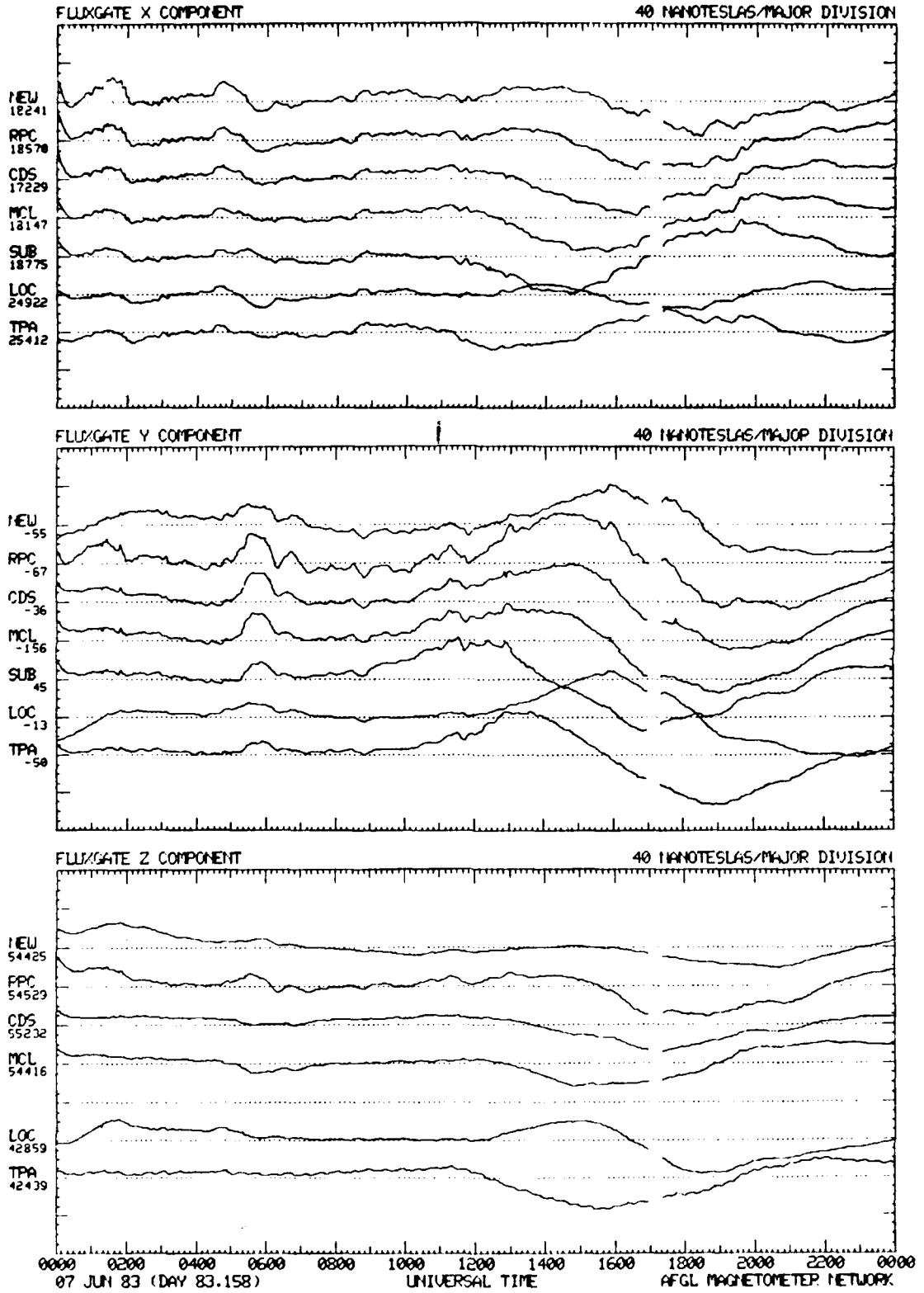

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18243
RPC 18567
CDS 17230
MCL 18148
SUB 18770
LOC 24922
TPA 25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -54
RPC -65
CDS -35
MCL -134
SUB 49
LOC -10
TPA -48
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54427
RPC 54529
CDS 55231
MCL 54414
LOC 42855
TPA 42439
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 JUN 83 (DAY 83.153)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

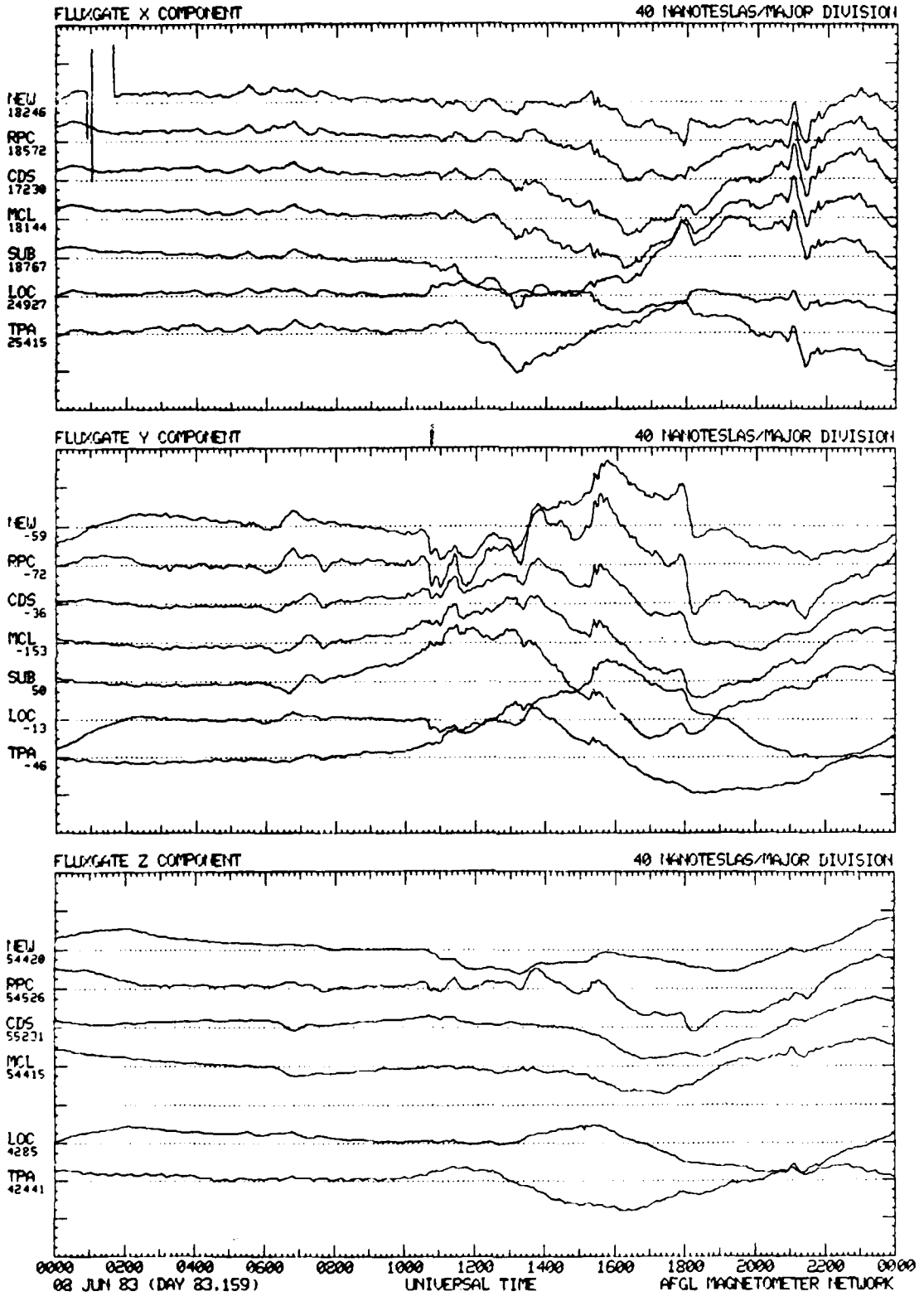

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 1823
RPC 18567
CDS 17227
MCL 18144
SUB 18768
LOC 24920
TPA 25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -60
RPC -65
CDS -36
MCL -137
SUB 47
LOC -12
TPA -58
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54423
RPC 5453
CDS 55232
MCL 54416
LOC 42856
TPA 42438
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 JUN 83 (DAY 83.154)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

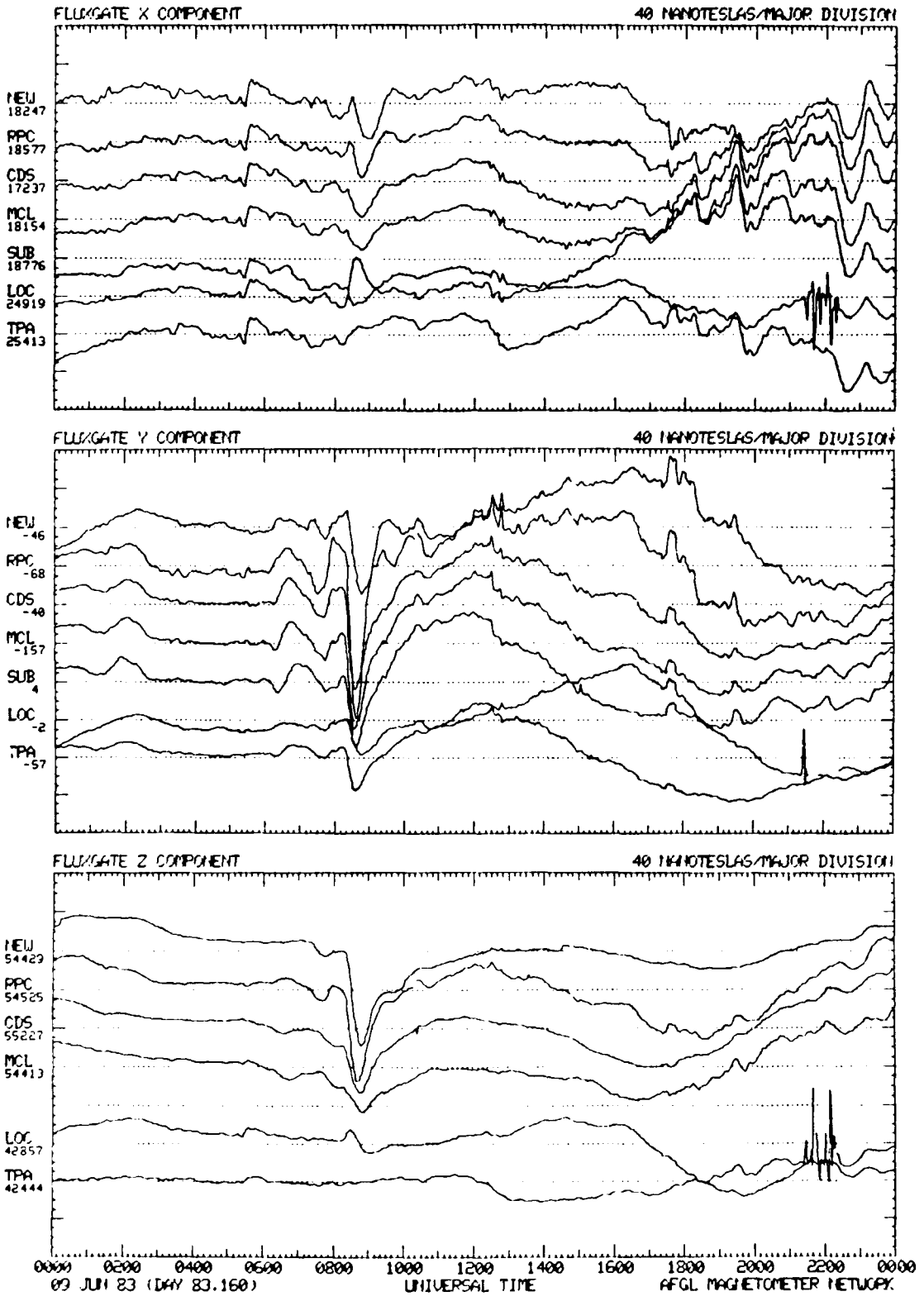

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18244
RPC 18571
CDS 17233
MCL 18158
SUB 18771
LOC 24927
TPA 25421
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -69
CDS -38
MCL -145
SUB 45
LOC -12
TPA -51
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54420
RPC 54526
CDS 55227
MCL 54413
LOC 42257
TPA 42438
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 JUN 83 (DAY 83.155)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

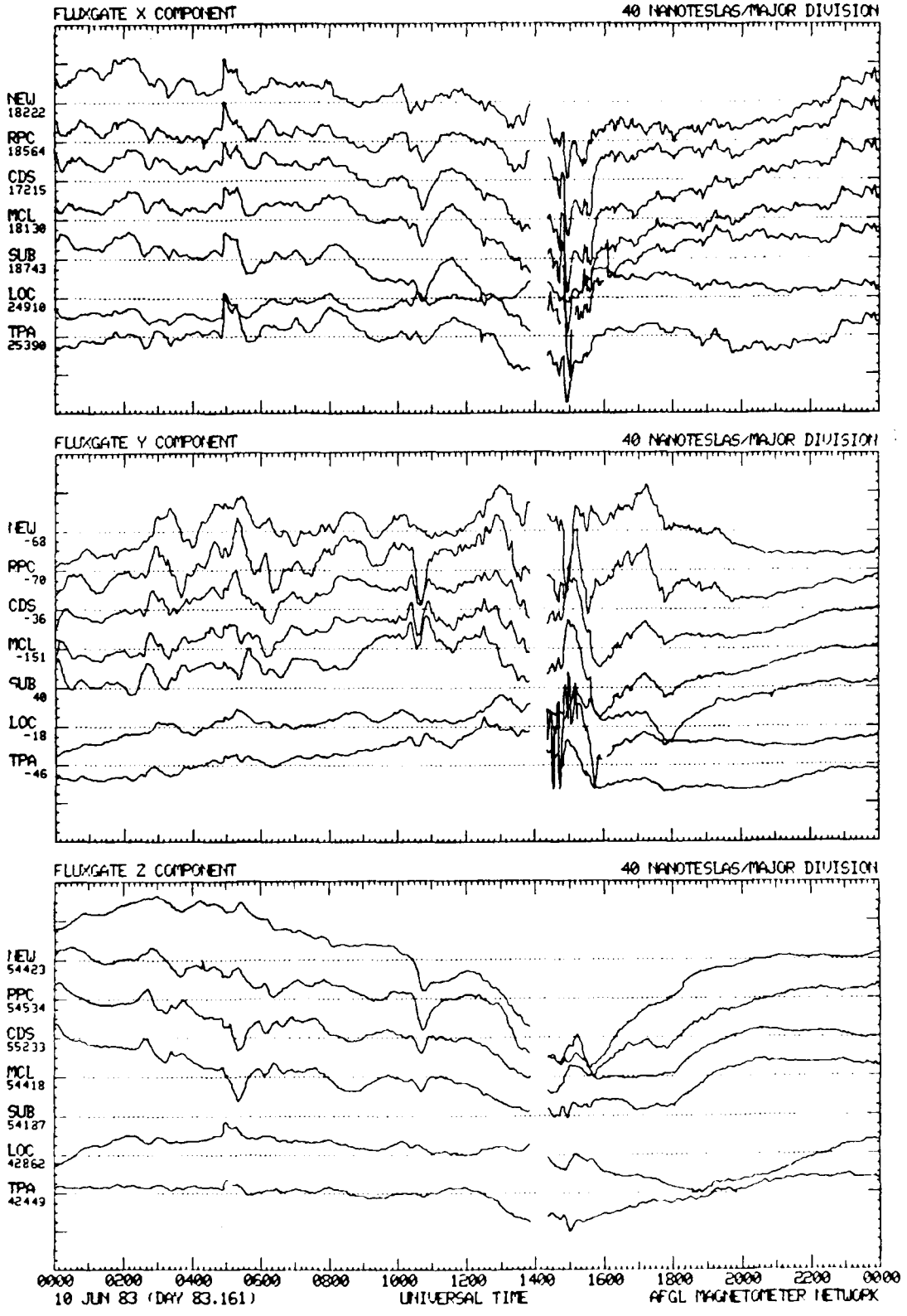

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18251
RPC 18576
CDS 17237
MCL 18157
SUB 18777
LOC 24933
TPA 25423
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -58
RPC -67
CDS -3
MCL -156
SUB 48
LOC -8
TPA -51
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54419
RPC 54524
CDS 55231
MCL 54418
LOC 42858
TPA 42441
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 JUN 83 (DAY 83.156)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

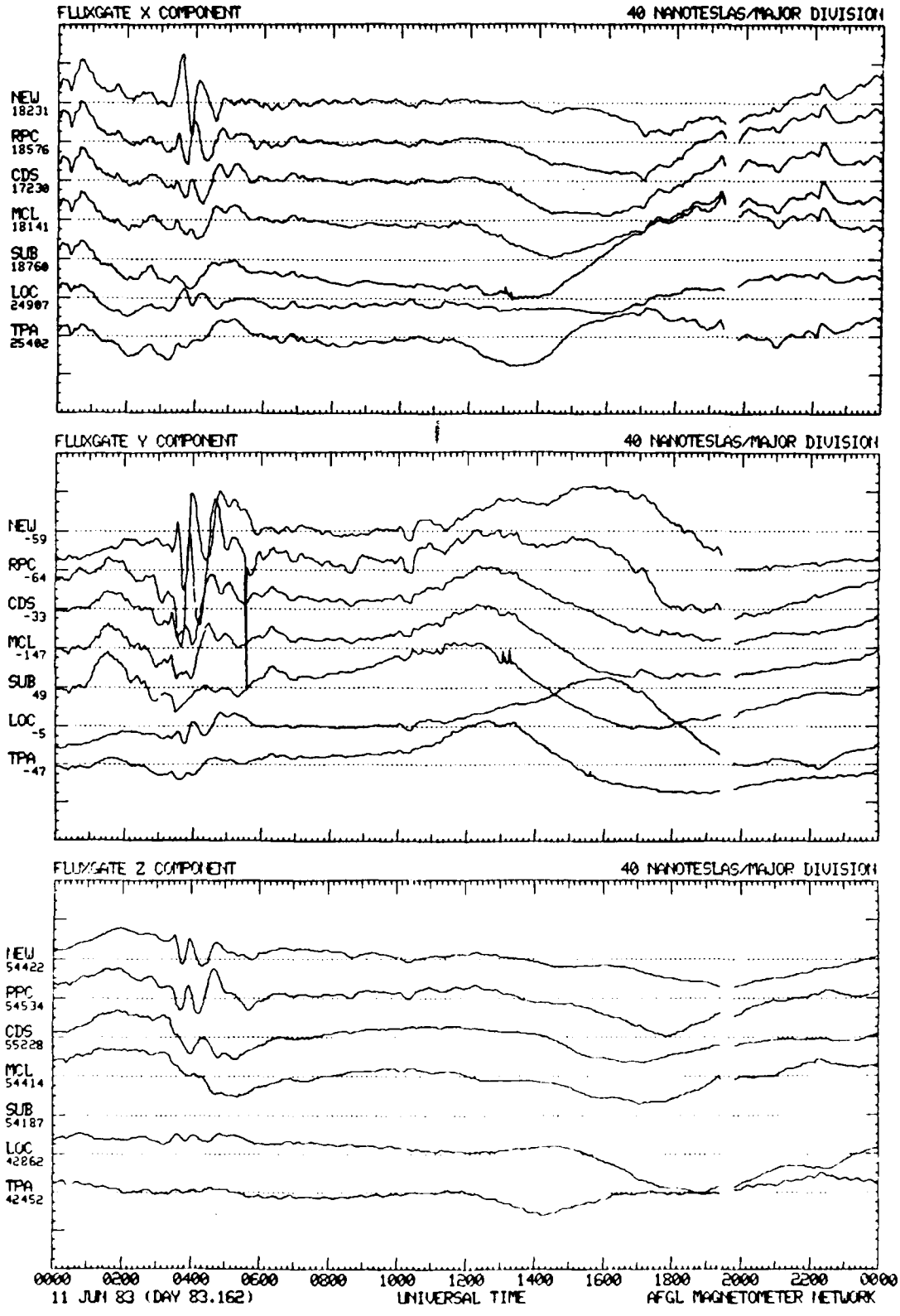

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18244
RPC 18574
CDS 17234
MCL 18154
SUB 18781
LOC 24930
TPA 25422
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -7
CDS -41
MCL -157
SUB 48
LOC -11
TPA -48
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54416
RPC 54521
CDS 55228
MCL 54418
LOC 42851
TPA 42443
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 JUN 83 (DAY 83.157)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

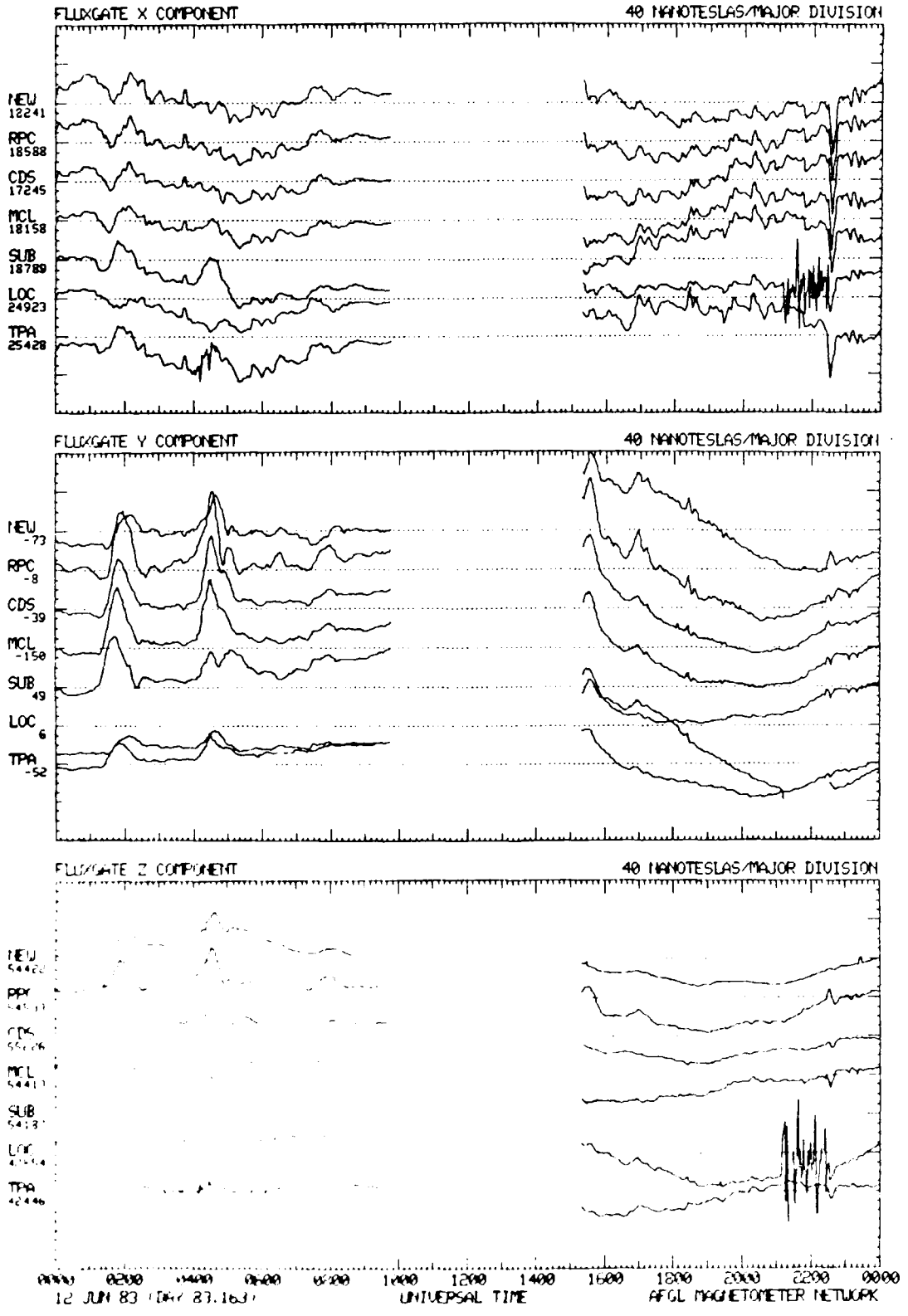

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18241
RPC 18578
CDS 17229
MCL 18147
SUB 18775
LOC 24922
TPA 25412
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -55
RPC -67
CDS -36
MCL -156
SUB 45
LOC -13
TPA -50
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54425
RPC 54529
CDS 55232
MCL 54416
LOC 42859
TPA 42439
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 JUN 83 (DAY 83.158)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

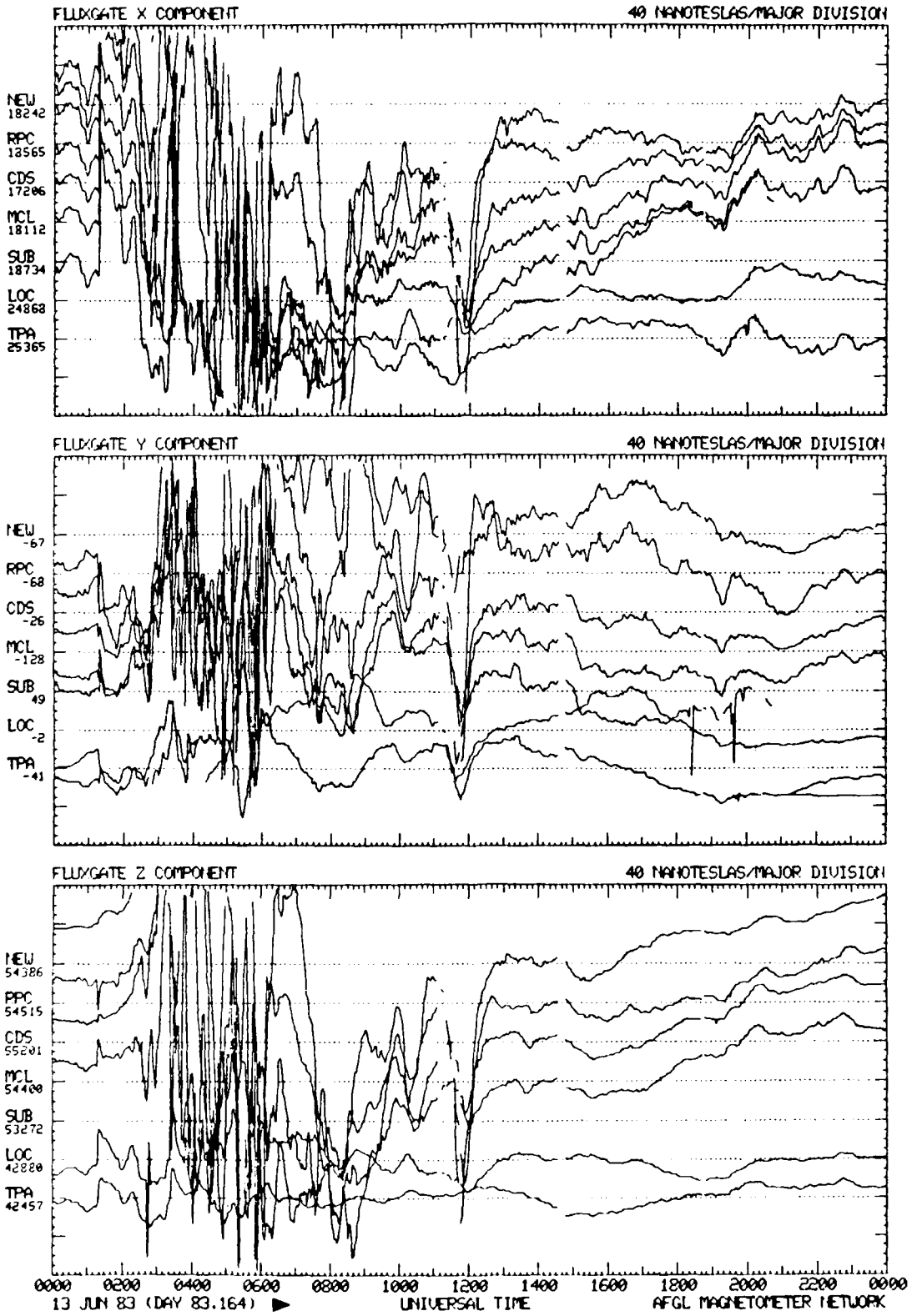

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18246
RPC 18572
CDS 17230
MCL 18144
SUB 18767
LOC 24927
TPA 25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -59
RPC -72
CDS -36
MCL -153
SUB 50
LOC -13
TPA -46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54420
RPC 54526
CDS 55231
MCL 54415
LOC 4285
TPA 42441
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 JUN 83 (DAY 83.159)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

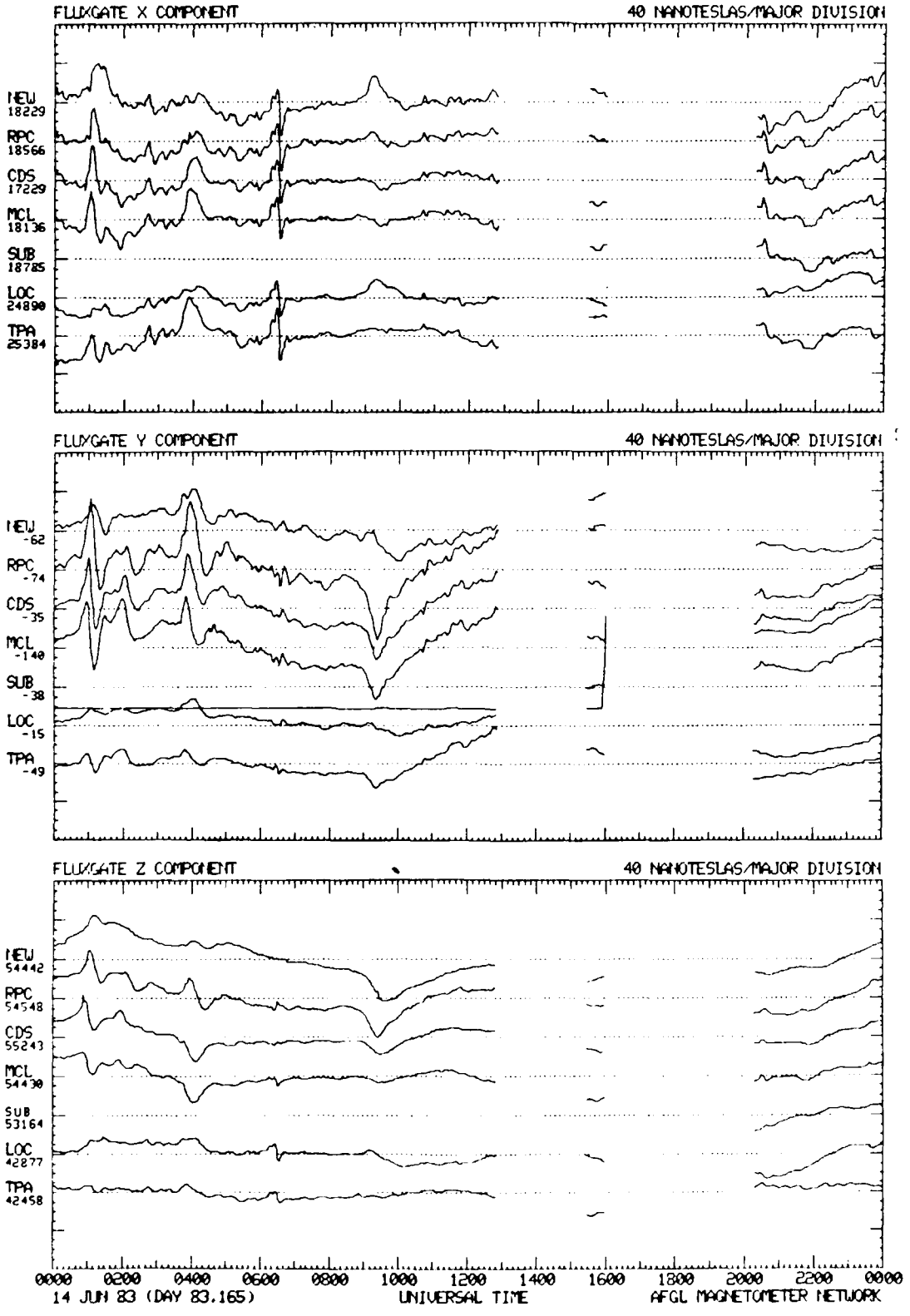

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18247
RPC 18577
CDS 17237
MCL 18154
SUB 18776
LOC 24919
TPA 25413
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -46
RPC -68
CDS -40
MCL -157
SUB 4
LOC -2
TPA -57
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54429
RPC 54525
CDS 55227
MCL 54413
LOC 42857
TPA 42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 JUN 83 (DAY 83.160)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

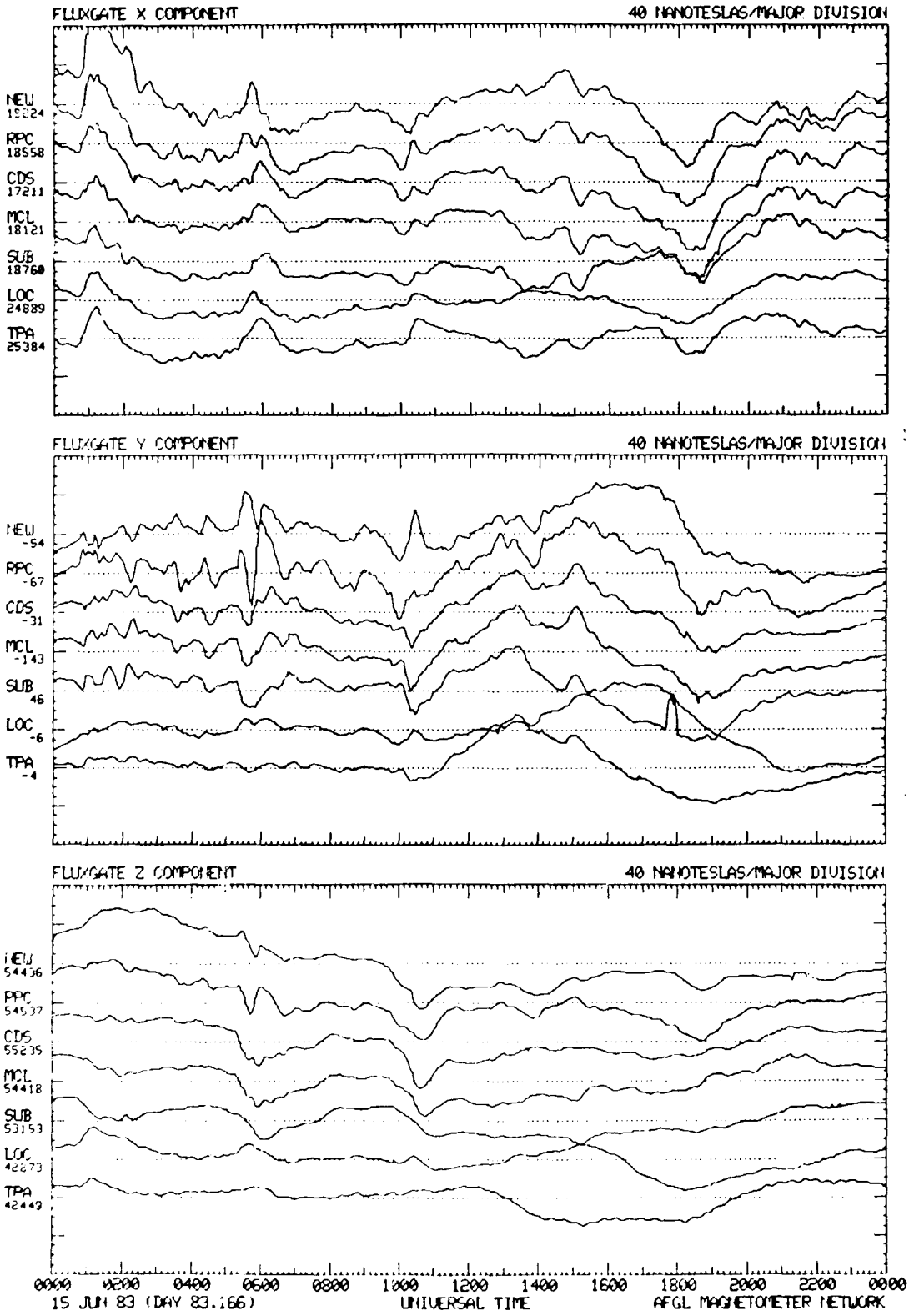

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18222
RPC 18564
CDS 17215
MCL 18130
SUB 18743
LOC 24910
TPA 25390
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -68
RPC -70
CDS -36
MCL -151
SUB 40
LOC -18
TPA -46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54423
RPC 54534
CDS 55233
MCL 54418
SUB 54187
LOC 42862
TPA 42449
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 JUN 83 (DAY 83.161)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

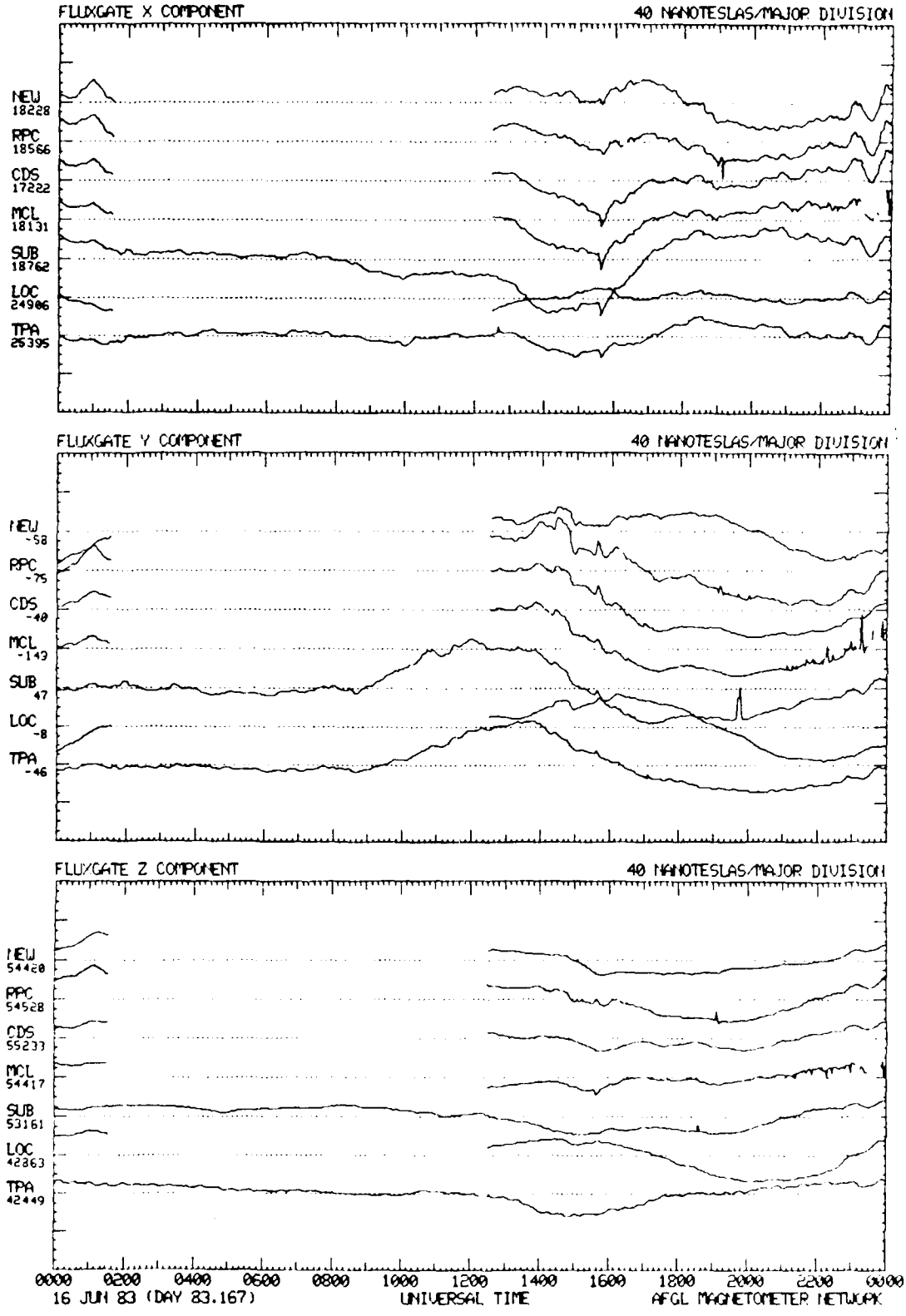

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18231
RPC 18576
CDS 17230
MCL 18141
SUB 18760
LOC 24907
TPA 25402
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -59
RPC -64
CDS -33
MCL -147
SUB 49
LOC -5
TPA -47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54422
PPC 54534
CDS 55228
MCL 54414
SUB 54187
LOC 42862
TPA 42452
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 JUN 83 (DAY 83.162)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

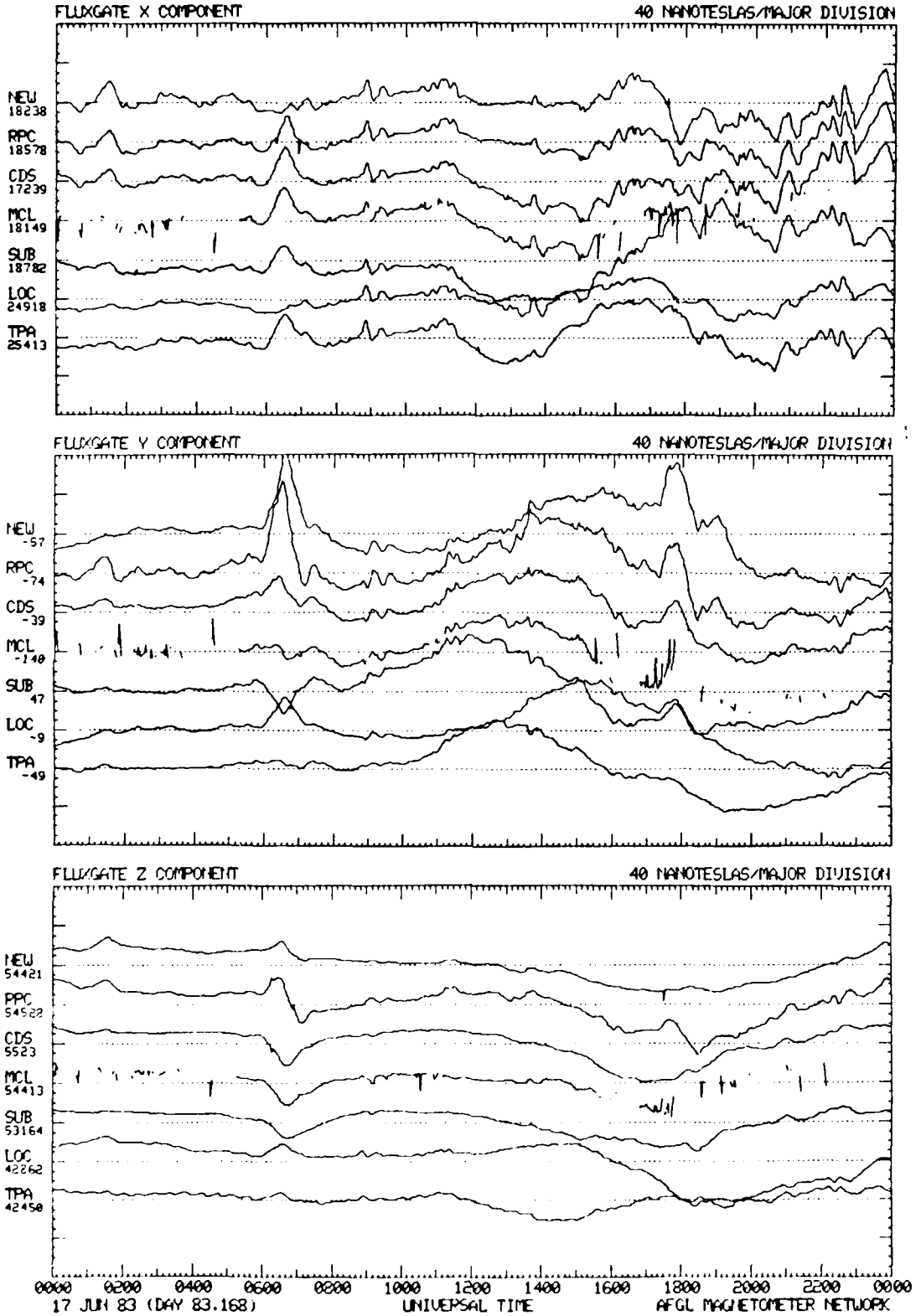

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12241
RPC
18588
CDS
17245
MCL
18158
SUB
18789
LOC
24923
TPA
25428
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-73
RPC
-8
CDS
-39
MCL
-150
SUB
49
LOC
6
TPA
-52
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
12 JUN 83 (DAY 83.163)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

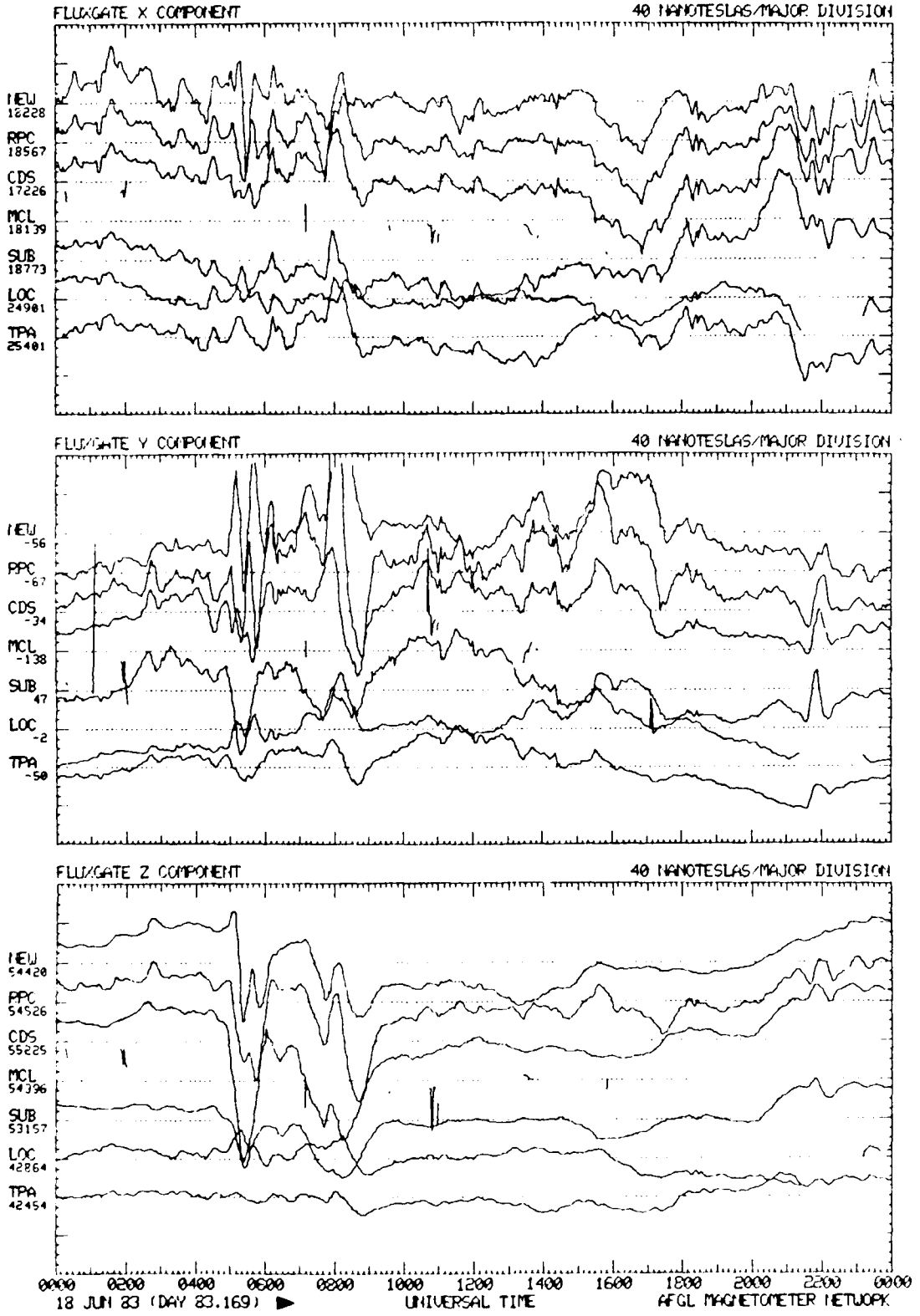

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18242
RPC 13565
CDS 17206
MCL 18112
SUB 18734
LOC 24868
TPA 25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -67
RPC -68
CDS -26
MCL -128
SUB 49
LOC -2
TPA -41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54386
RPC 54515
CDS 55201
MCL 54400
SUB 53272
LOC 42880
TPA 42457
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 JUN 83 (DAY 83.164)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

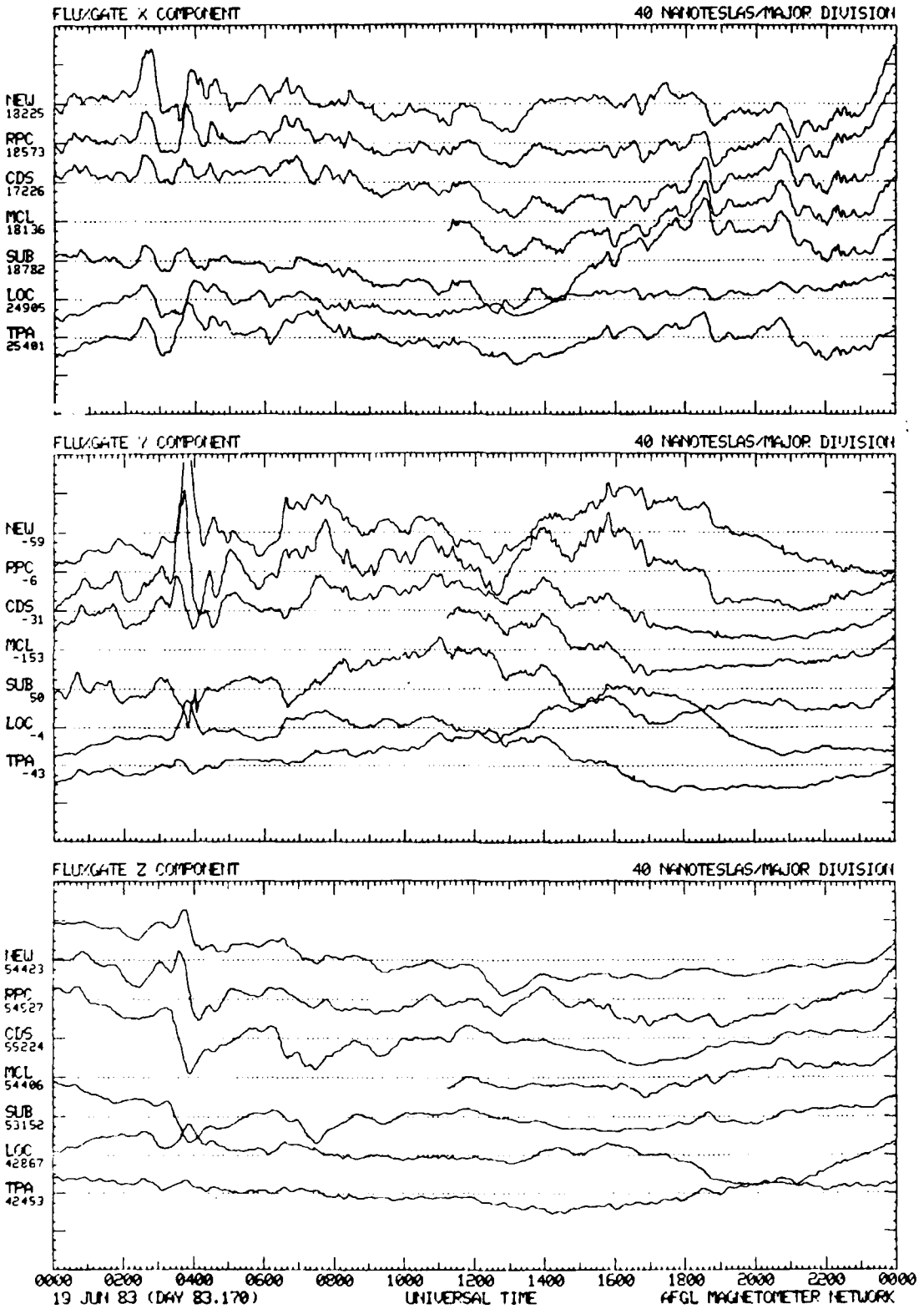

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18229
RPC
18566
CDS
17229
MCL
18136
SUB
18785
LOC
24890
TPA
25384
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-62
RPC
-74
CDS
-35
MCL
-140
SUB
-38
LOC
-15
TPA
-49
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54442
RPC
54548
CDS
55243
MCL
54430
SUB
53164
LOC
42877
TPA
42458
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 JUN 83 (DAY 83.165)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

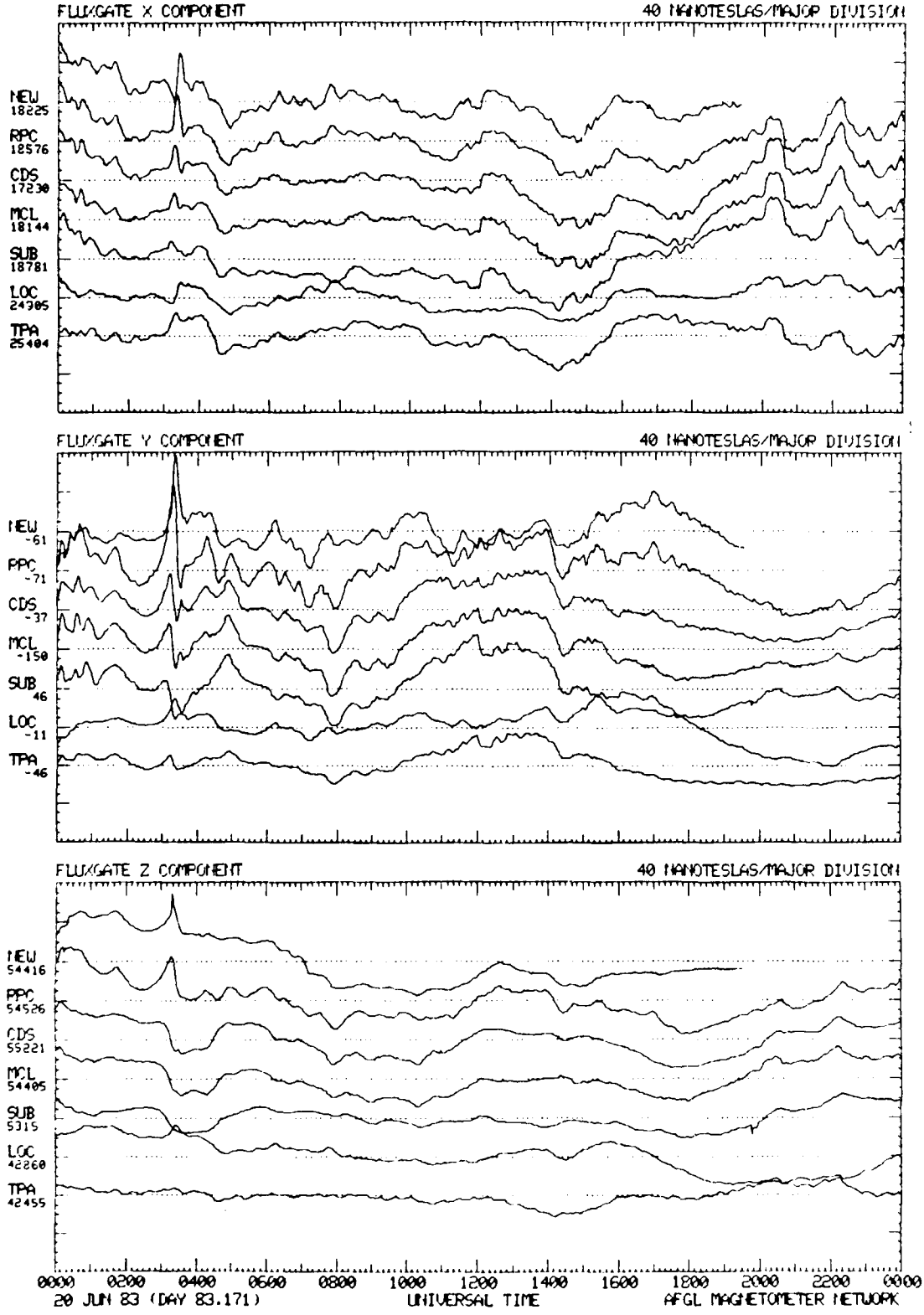

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 19224
RPC 18558
CDS 17211
MCL 18121
SUB 18760
LOC 24889
TPA 25384
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -54
RPC -67
CDS -31
MCL -143
SUB 46
LOC -6
TPA -4
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54436
RPC 54537
CDS 55235
MCL 54418
SUB 53153
LOC 42673
TPA 42449
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 JUN 83 (DAY 83.166)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

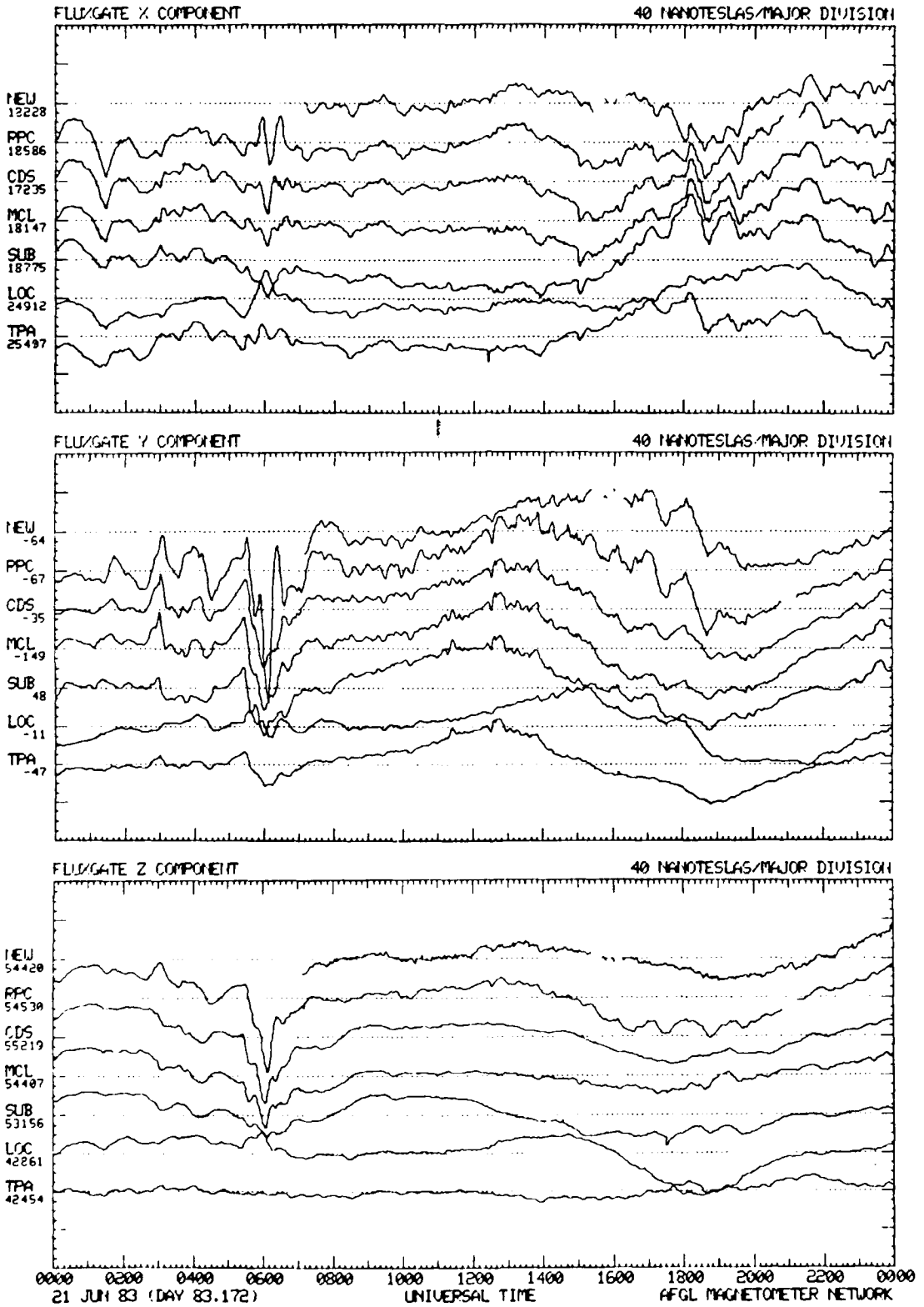

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18228
RPC 18566
CDS 17222
MCL 18131
SUB 18762
LOC 24986
TPA 25395
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -58
RPC -75
CDS -40
MCL -149
SUB 47
LOC -8
TPA -46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54420
RPC 54528
CDS 55233
MCL 54417
SUB 53161
LOC 42863
TPA 42449
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 JUN 83 (DAY 83.167)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

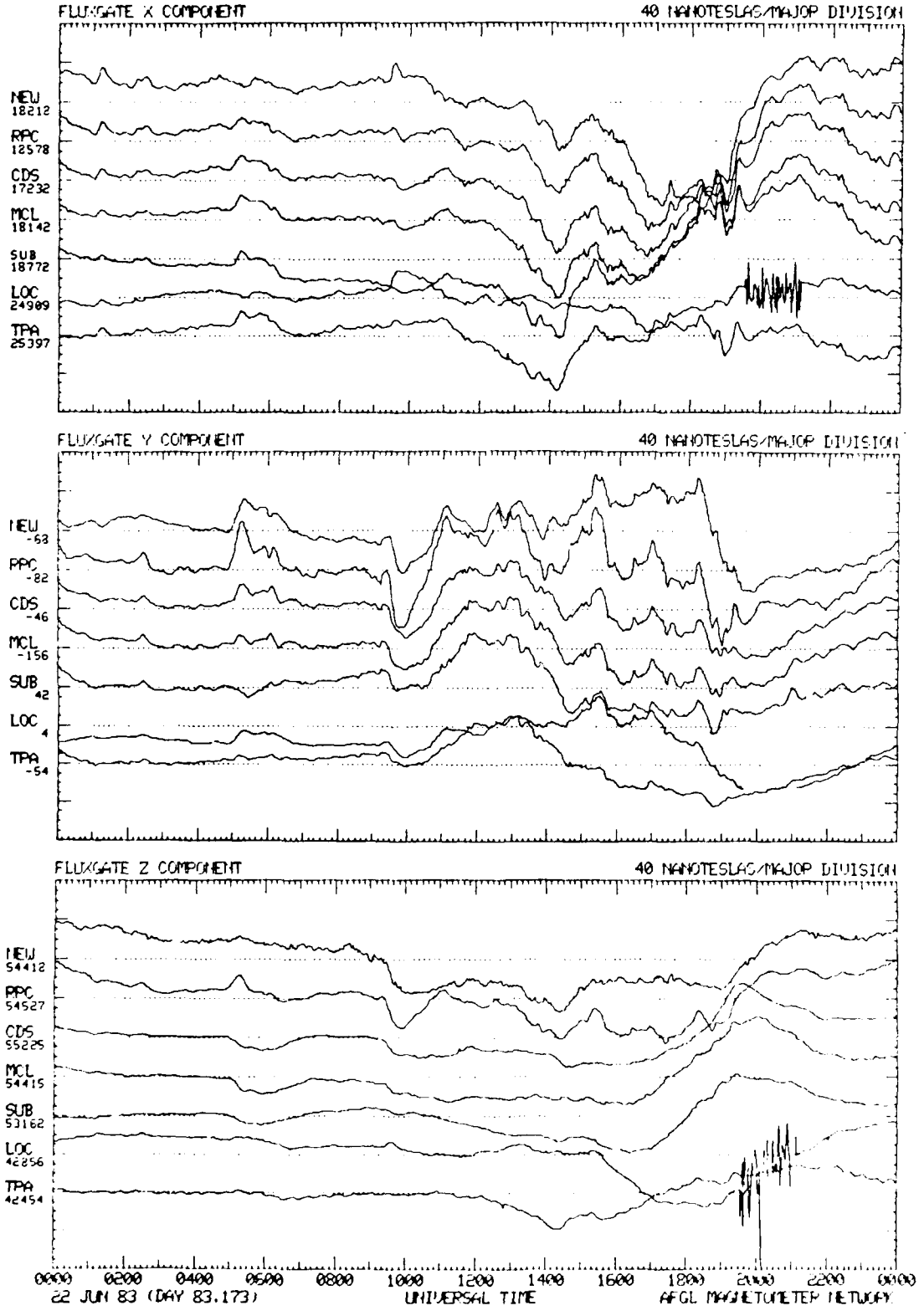

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18238
RPC 18578
CDS 17239
MCL 18149
SUB 18782
LOC 24918
TPA 25413
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -57
RPC -74
CDS -39
MCL -140
SUB 47
LOC -9
TPA -49
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54421
PPC 54522
CDS 55231
MCL 54413
SUB 53164
LOC 42862
TPA 42458
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 JUN 83 (DAY 83.168)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

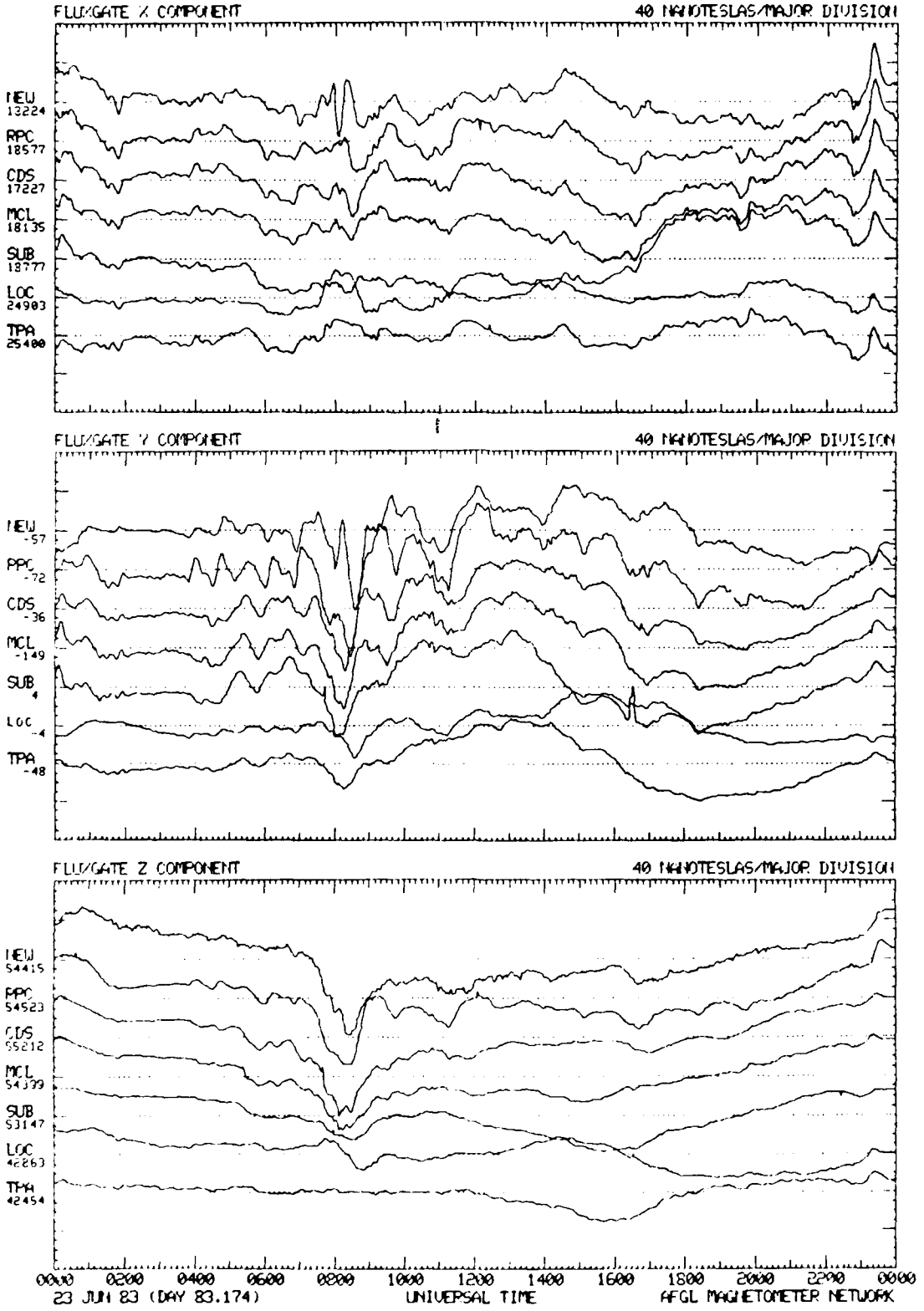

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 12228
RPC 18567
CDS 17226
MCL 18139
SUB 18773
LOC 24901
TPA 25401
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -67
CDS -34
MCL -138
SUB 47
LOC -2
TPA -50
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54420
RPC 54526
CDS 55225
MCL 54396
SUB 53157
LOC 42864
TPA 42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 JUN 83 (DAY 83.169)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

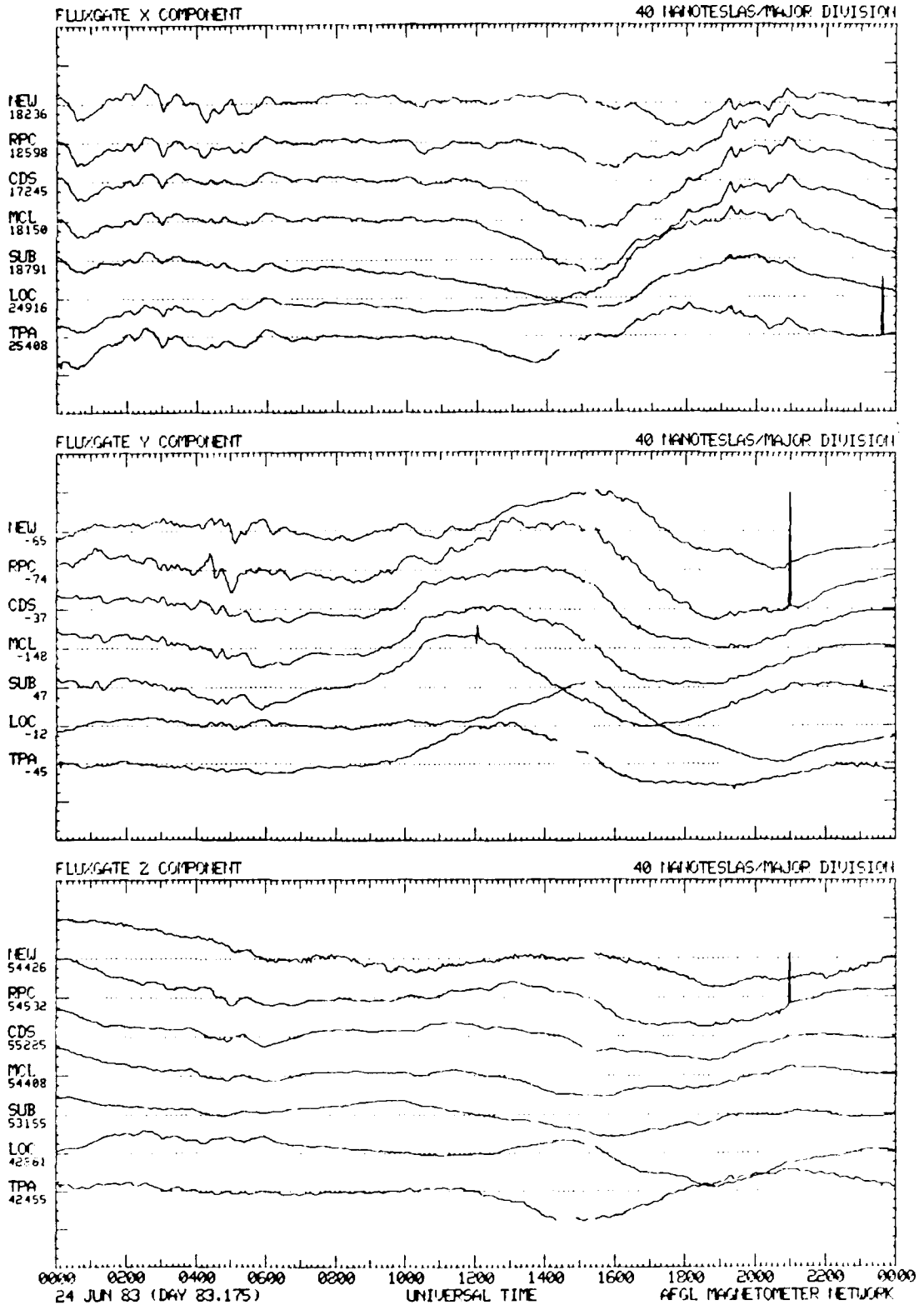

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18225
RPC 18573
CDS 17226
MCL 18136
SUB 18782
LOC 24905
TPA 25401
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -59
RPC -6
CDS -31
MCL -153
SUB 50
LOC -4
TPA -43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54423
RPC 54527
CDS 55224
MCL 54406
SUB 53152
LOC 42867
TPA 42453
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 JUN 83 (DAY 83.170)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

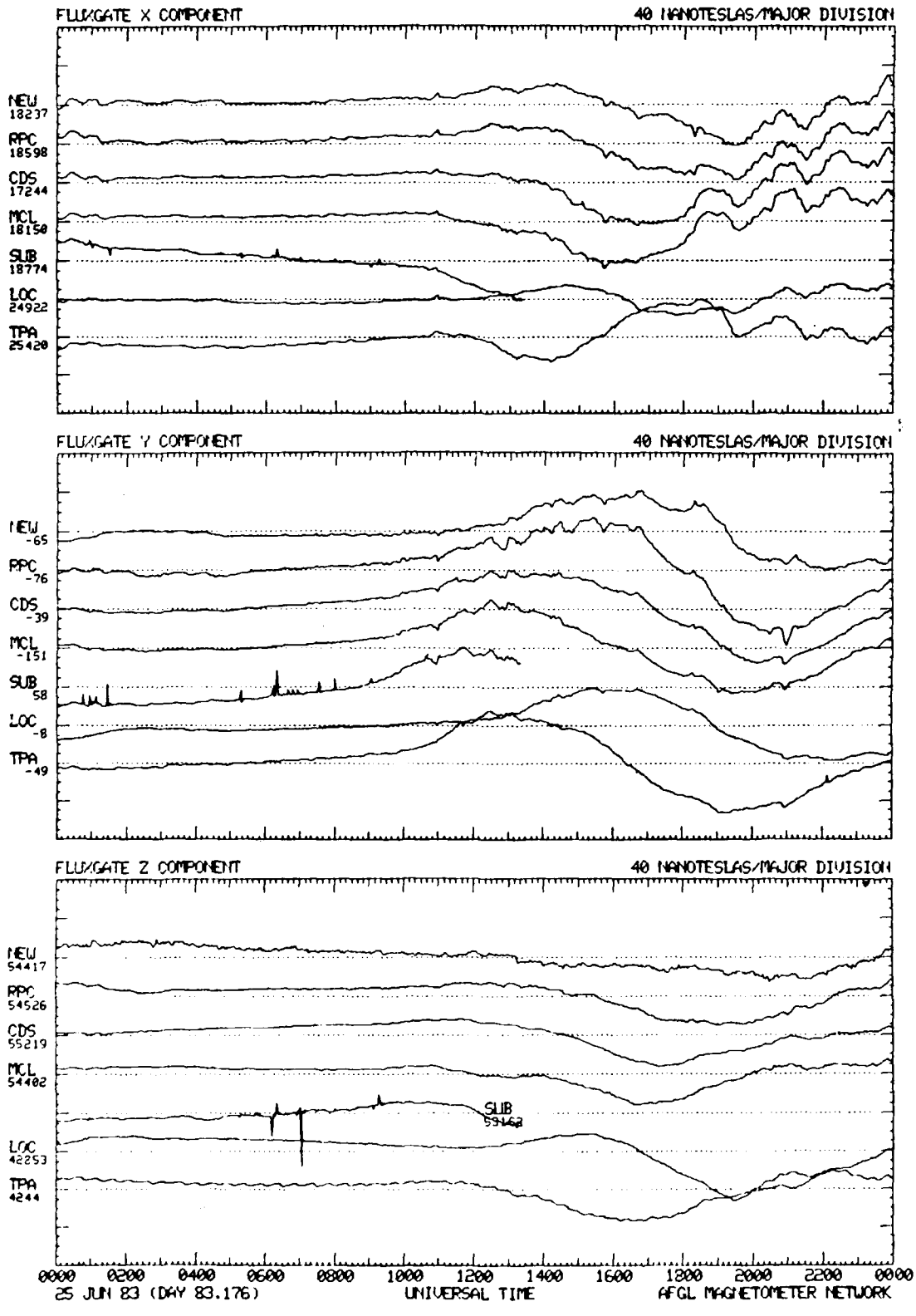

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18225
RPC 18576
CDS 17230
MCL 18144
SUB 18781
LOC 24905
TPA 25404
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -61
PPC -71
CDS -37
MCL -150
SUB 46
LOC -11
TPA -46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54416
PPC 54526
CDS 55221
MCL 54405
SUB 5315
LOC 42860
TPA 42455
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 JUN 83 (DAY 83.171)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

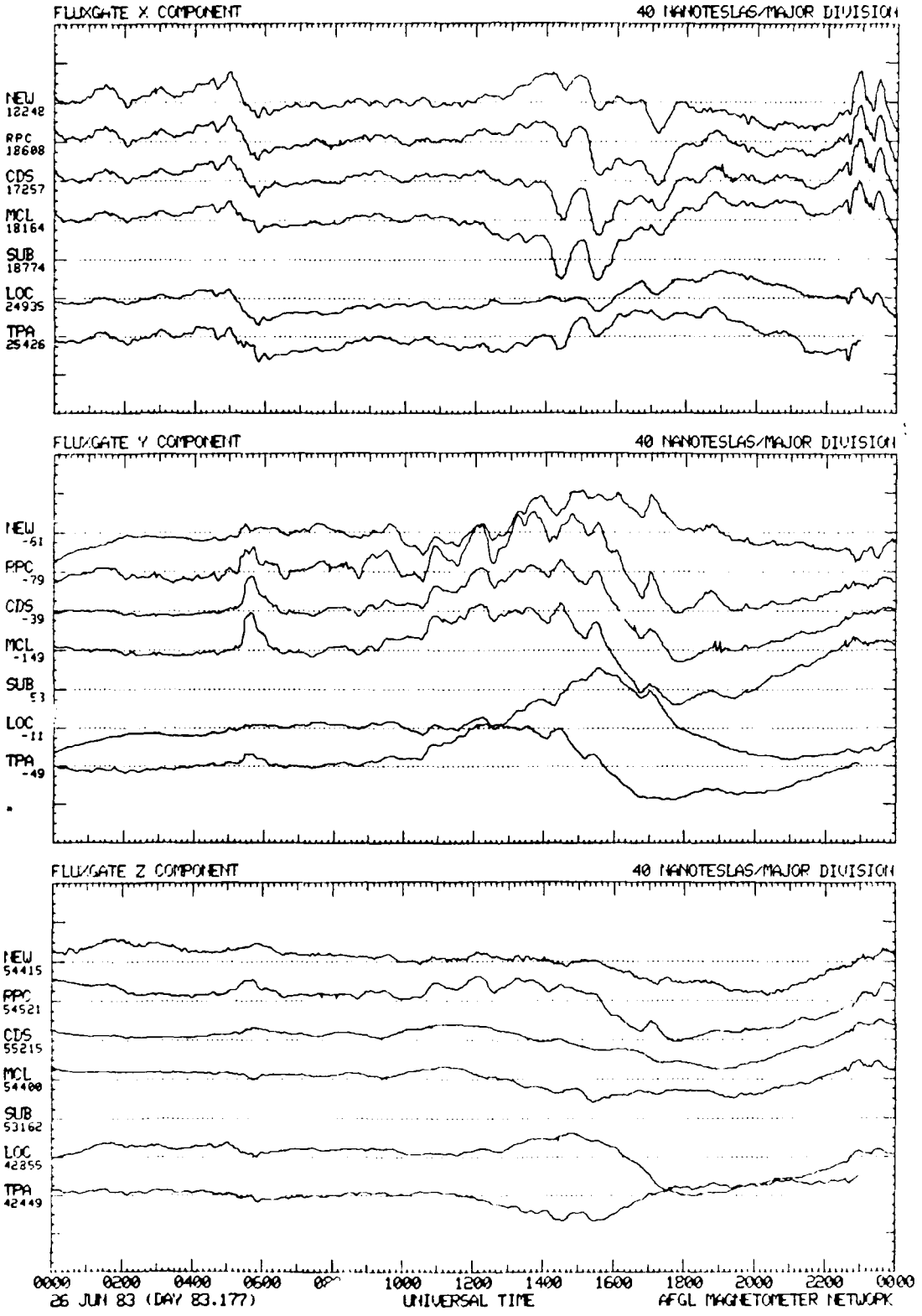

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 12228
PPC 18586
CDS 17235
MCL 18147
SUB 18775
LOC 24912
TPA 25497
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -64
PPC -67
CDS -35
MCL -149
SUB 48
LOC -11
TPA -47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54420
PPC 54530
CDS 55219
MCL 54407
SUB 53156
LOC 42261
TPA 42454
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21 JUN 83 (DAY 83.172)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

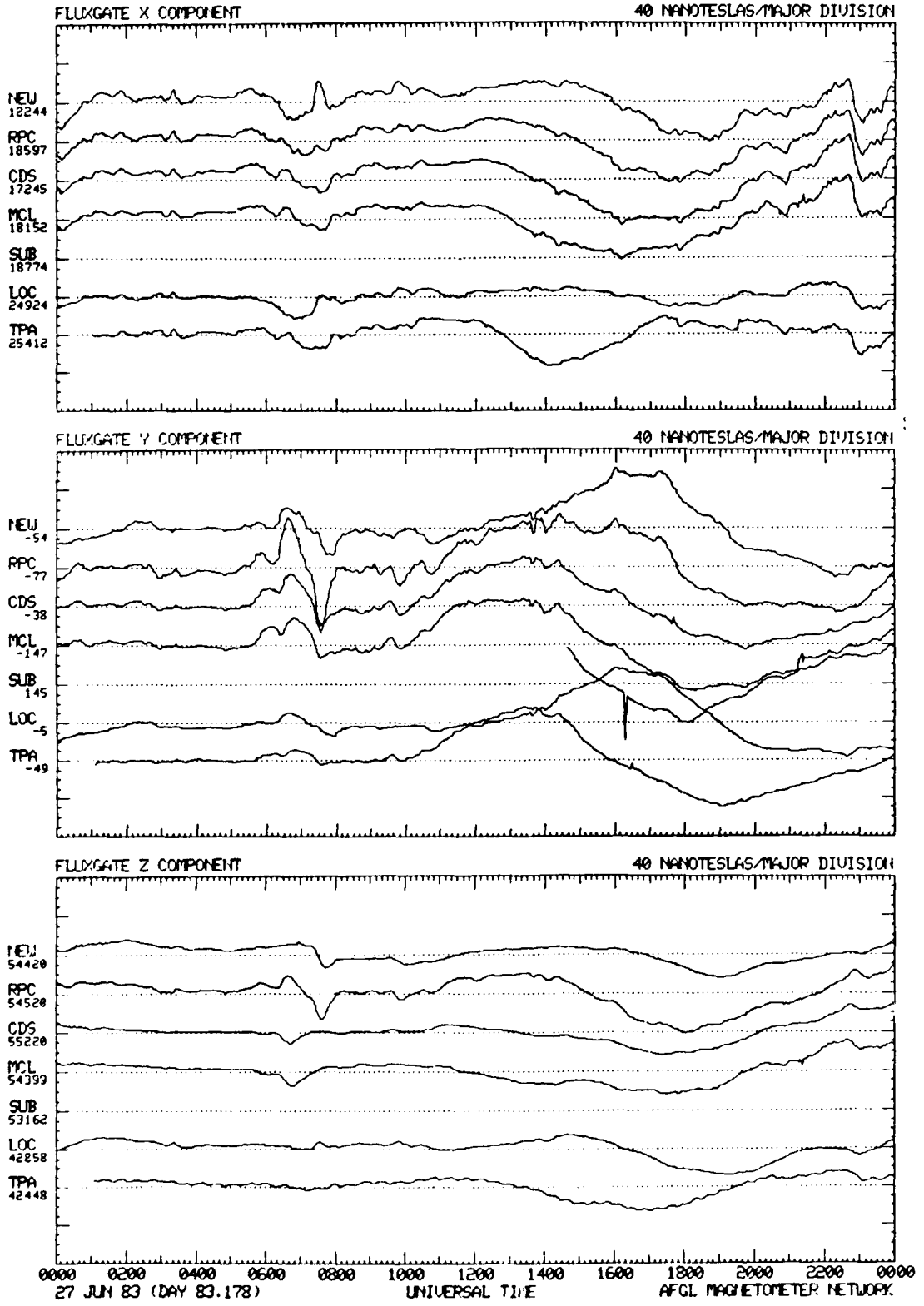

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18212
RPC 12578
CDS 17232
MCL 18142
SUB 18772
LOC 24909
TPA 25397
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -63
RPC -82
CDS -46
MCL -156
SUB 42
LOC 4
TPA -54
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54412
RPC 54527
CDS 55225
MCL 54415
SUB 53162
LOC 42856
TPA 42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 JUN 83 (DAY 83.173)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

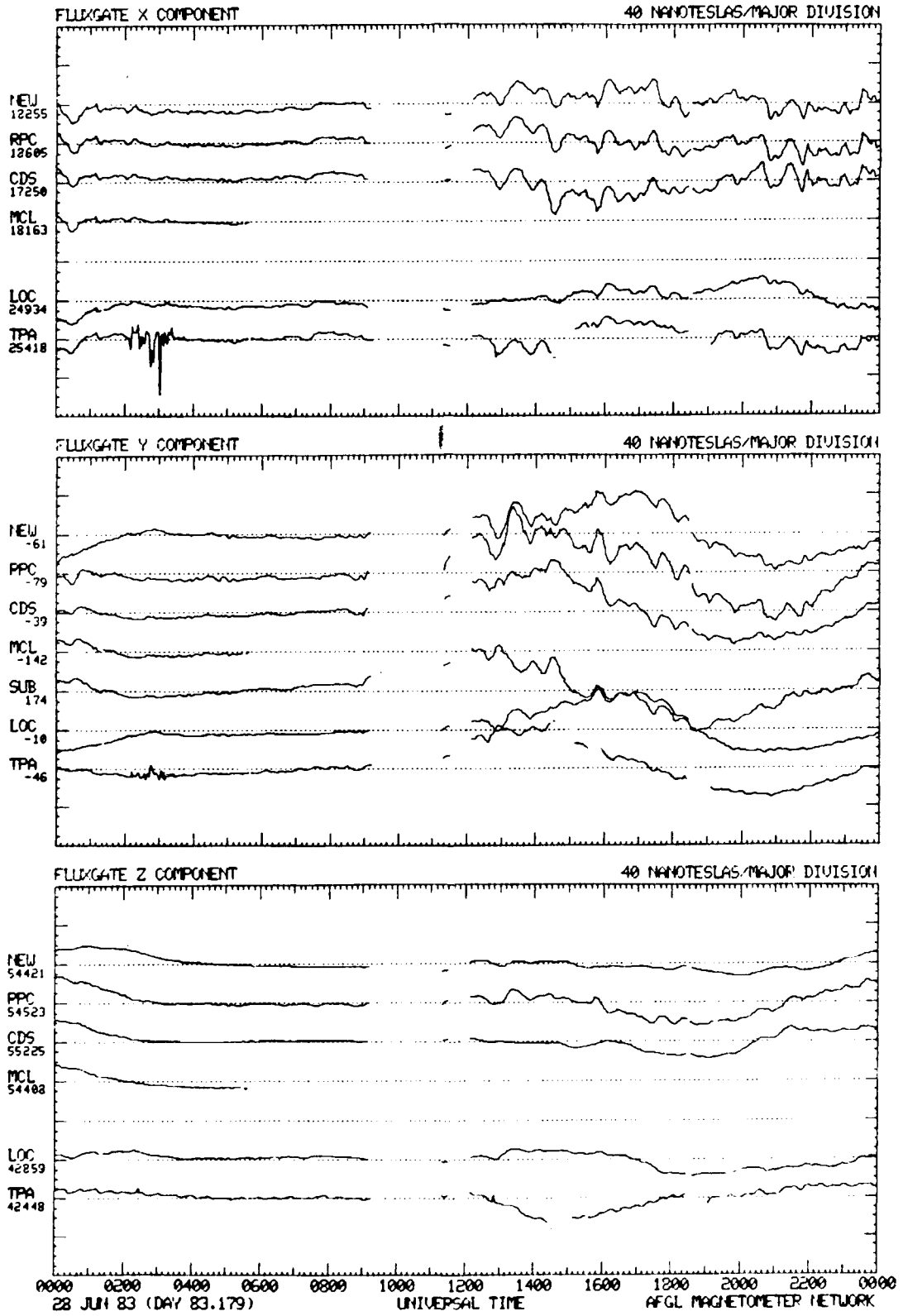

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13224
RPC 18577
CDS 17227
MCL 18135
SUB 18777
LOC 24903
TPA 25400
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -57
RPC -72
CDS -36
MCL -149
SUB 4
LOC -4
TPA -48
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54415
RPC 54523
CDS 55212
MCL 54399
SUB 53147
LOC 42863
TPA 42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 JUN 83 (DAY 83.174)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18236
RPC 18598
CDS 17245
MCL 18150
SUB 18791
LOC 24916
TPA 25408
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -65
RPC -74
CDS -37
MCL -148
SUB 47
LOC -12
TPA -45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54426
RPC 54532
CDS 55225
MCL 54408
SUB 53155
LOC 42861
TPA 42455
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 JUN 83 (DAY 83.175)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18237
RPC 18598
CDS 17244
MCL 18150
SUB 18774
LOC 24922
TPA 25420
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -65
RPC -76
CDS -39
MCL -151
SUB 58
LOC -8
TPA -49
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54417
RPC 54526
CDS 55219
MCL 54402
SUB 53462
LOC 42253
TPA 4244
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 JUN 83 (DAY 83.176)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

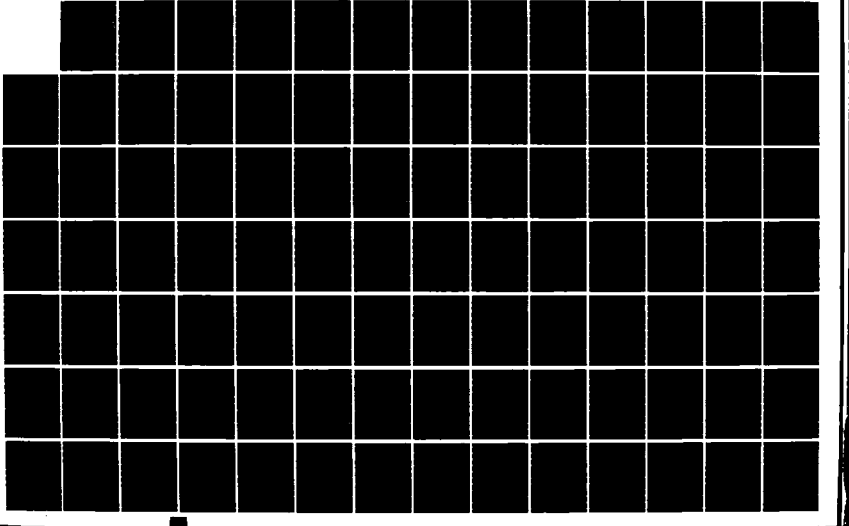

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 12248
RPC 18608
CDS 17257
MCL 18164
SUB 18774
LOC 24935
TPA 25426
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -61
RPC -79
CDS -39
MCL -149
SUB 53
LOC -11
TPA -49
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54415
RPC 54521
CDS 55215
MCL 54400
SUB 53162
LOC 42855
TPA 42449
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 JUN 83 (DAY 83.177)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

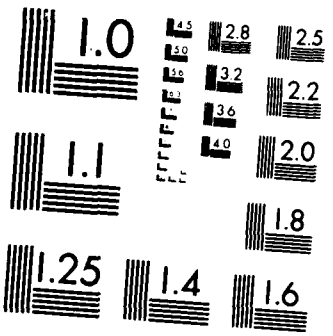

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12244
RPC
18597
CDS
17245
MCL
18152
SUB
18774
LOC
24924
TPA
25412
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-54
RPC
-77
CDS
-38
MCL
-147
SUB
145
LOC
-5
TPA
-49
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54420
RPC
54520
CDS
55220
MCL
54399
SUB
53162
LOC
42858
TPA
42448
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
27 JUN 83 (DAY 83.178)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12255
RPC
12605
CDS
17250
MCL
18163
LOC
24934
TPA
25418
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-61
PPC
-79
CDS
-39
MCL
-142
SUB
174
LOC
-10
TPA
-46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54421
PPC
54523
CDS
55225
MCL
54408
LOC
42859
TPA
42448
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 JUN 83 (DAY 83.179)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

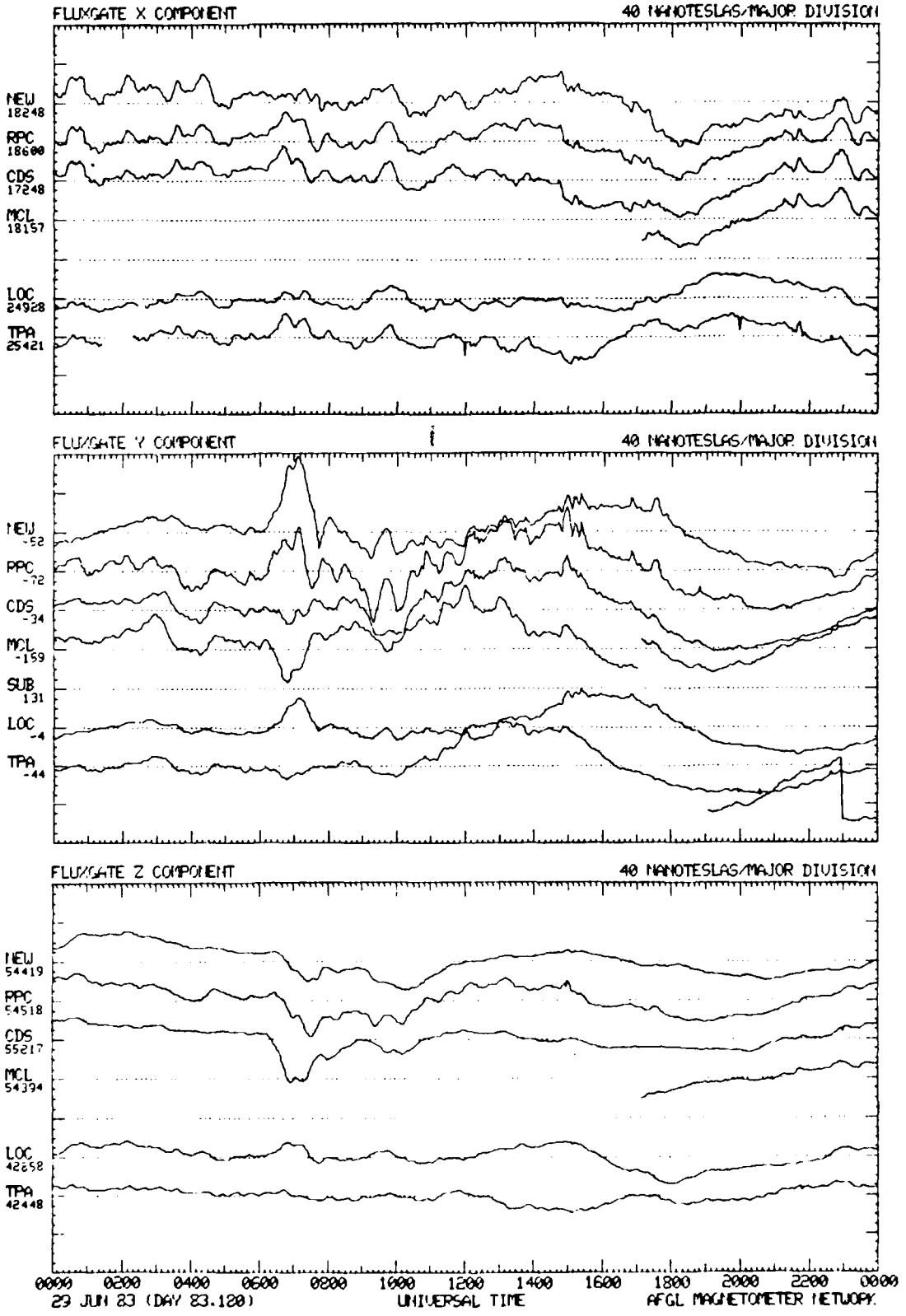
AD-A173 765 DAILY MAGNETOGRAMS FOR 1983 FROM THE AFGL (AIR FORCE GEOPHYSICS LABORATORY) NETWORK(U) AIR FORCE GEOPHYSICS LAB HANSCOM AFB MA D J KNECHT 21 MAR 85 3/5

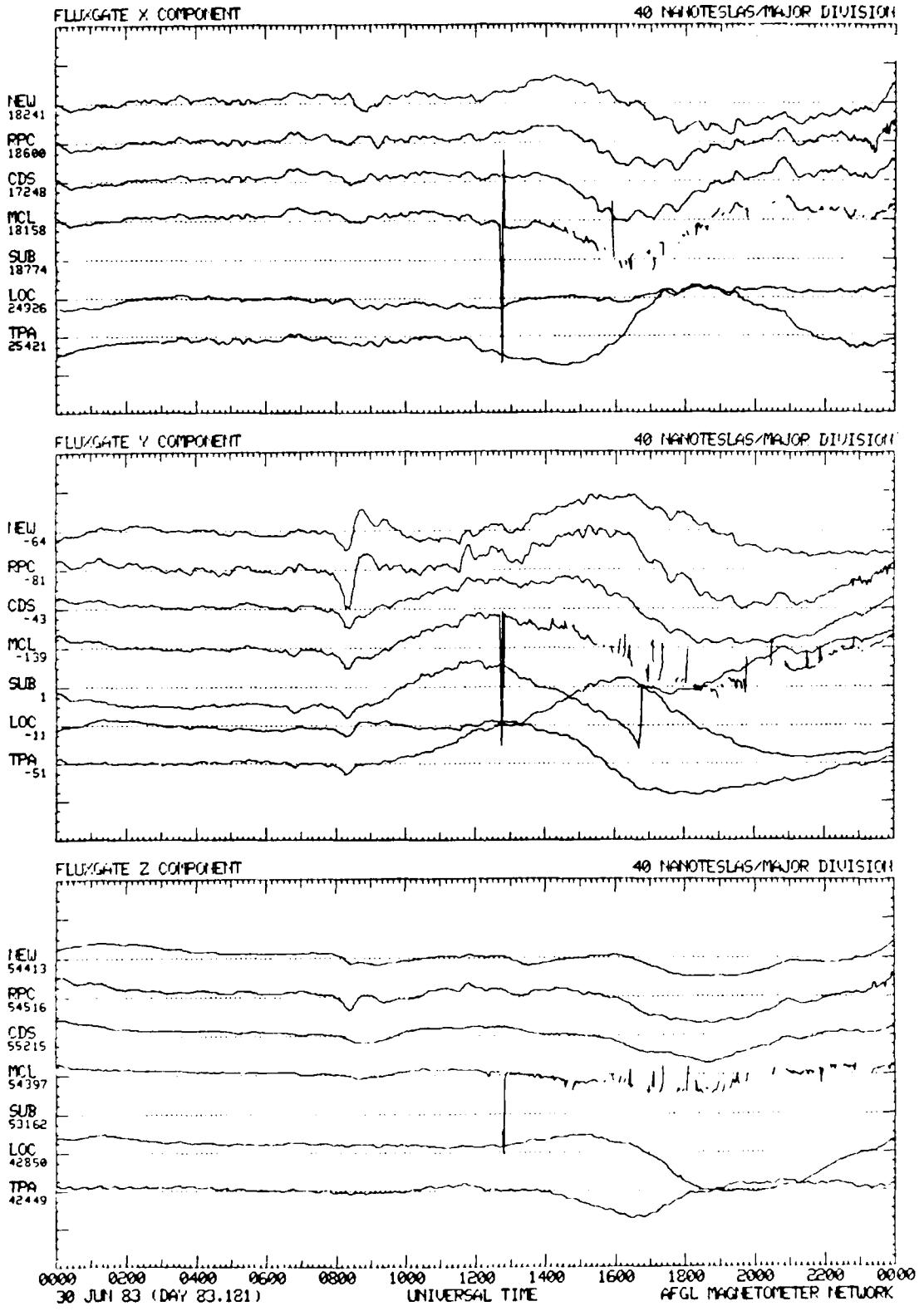
UNCLASSIFIED AFGL-TR-85-0032 F/G 8/14 NL

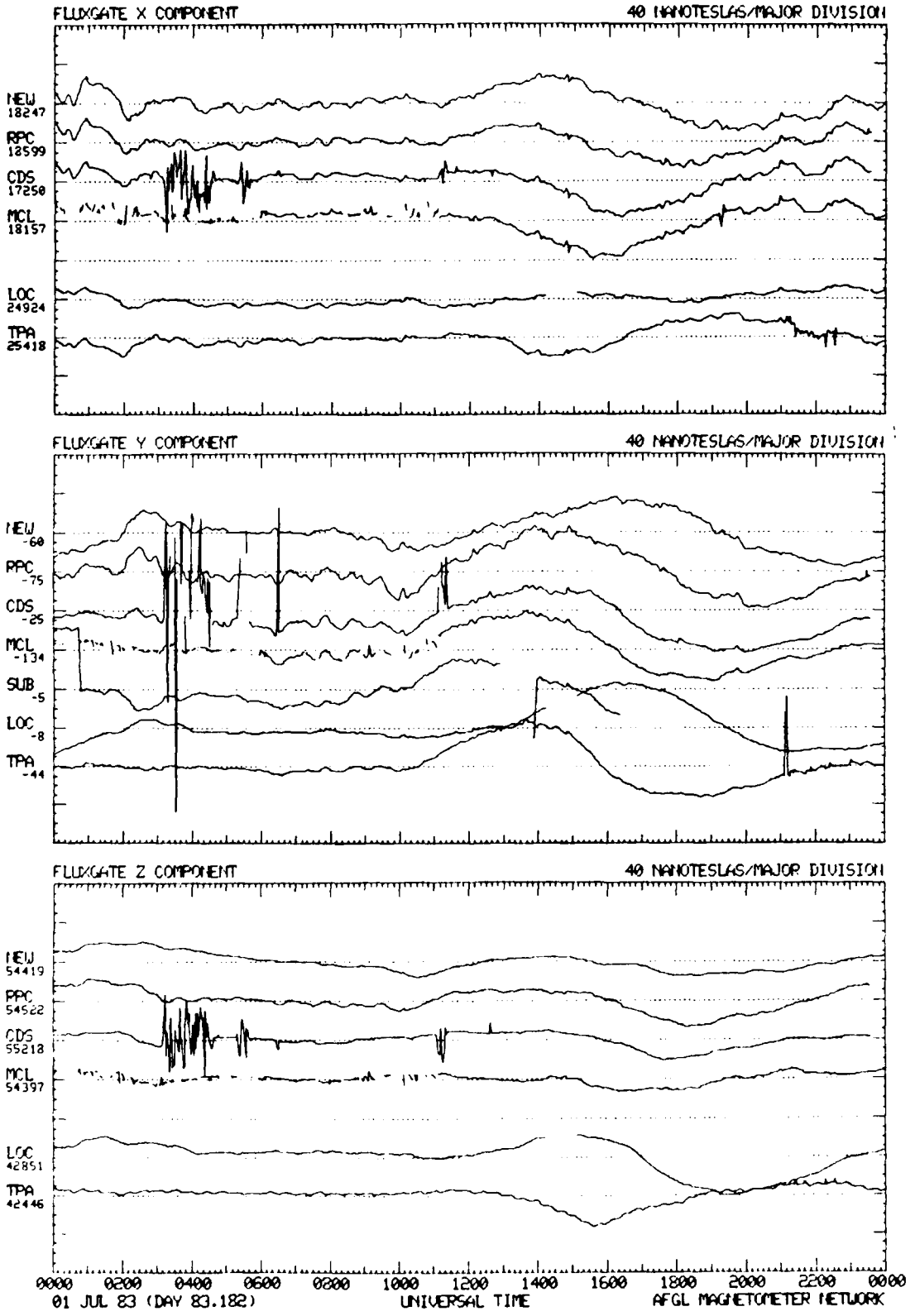


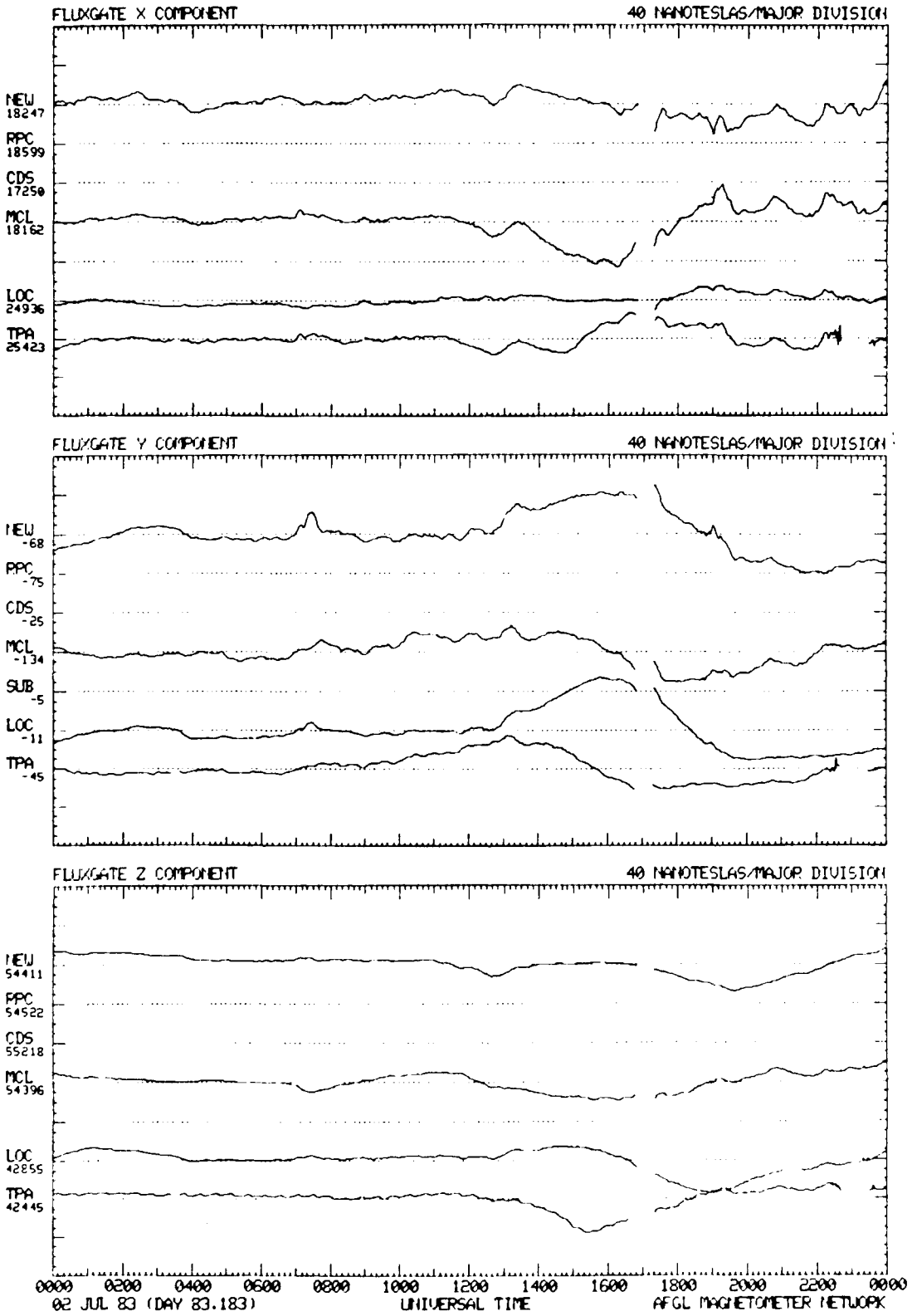


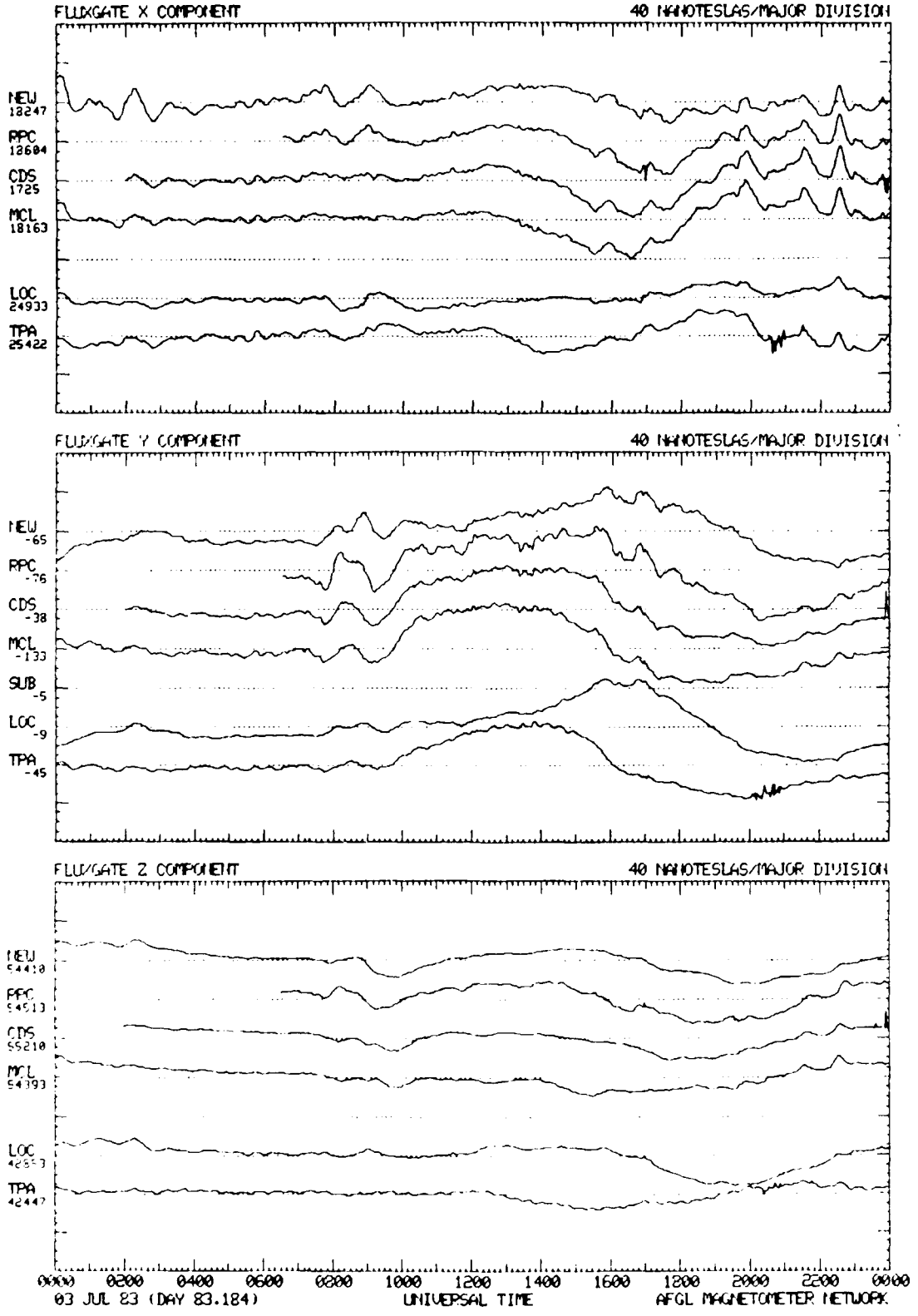
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

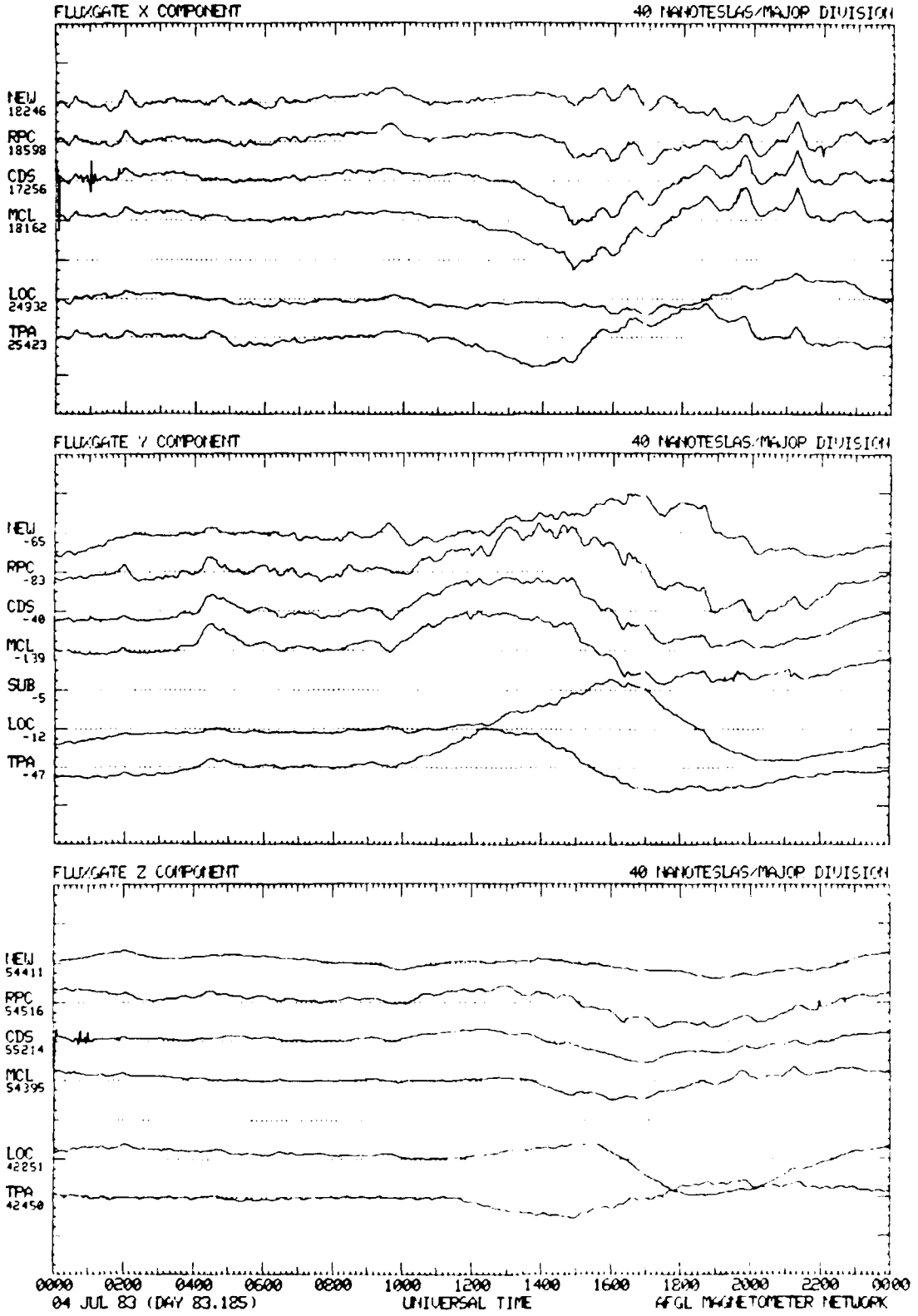

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18248
RPC 18600
CDS 17248
MCL 18157
LOC 24928
TPA 25421
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -52
PPC -72
CDS -34
MCL -159
SUB 131
LOC -4
TPA -44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54419
PPC 54518
CDS 55217
MCL 54394
LOC 42658
TPA 42448
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 JUN 83 (DAY 83.180)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

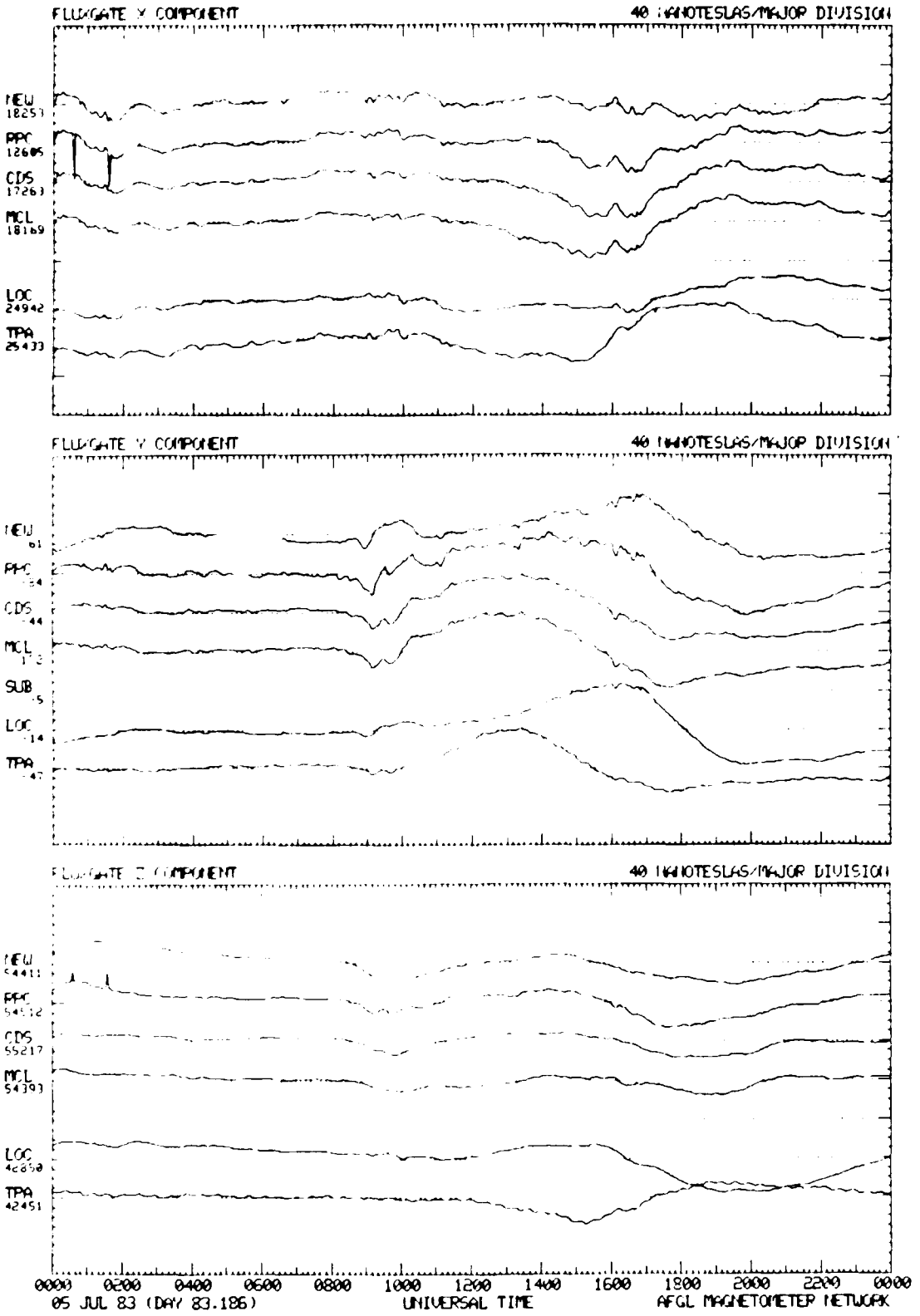

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18241
RPC 18600
CDS 17248
MCL 18158
SUB 18774
LOC 24926
TPA 25421
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -64
RPC -81
CDS -43
MCL -139
SUB 1
LOC -11
TPA -51
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54413
RPC 54516
CDS 55215
MCL 54397
SUB 53162
LOC 42850
TPA 42449
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 JUN 83 (DAY 83.181)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

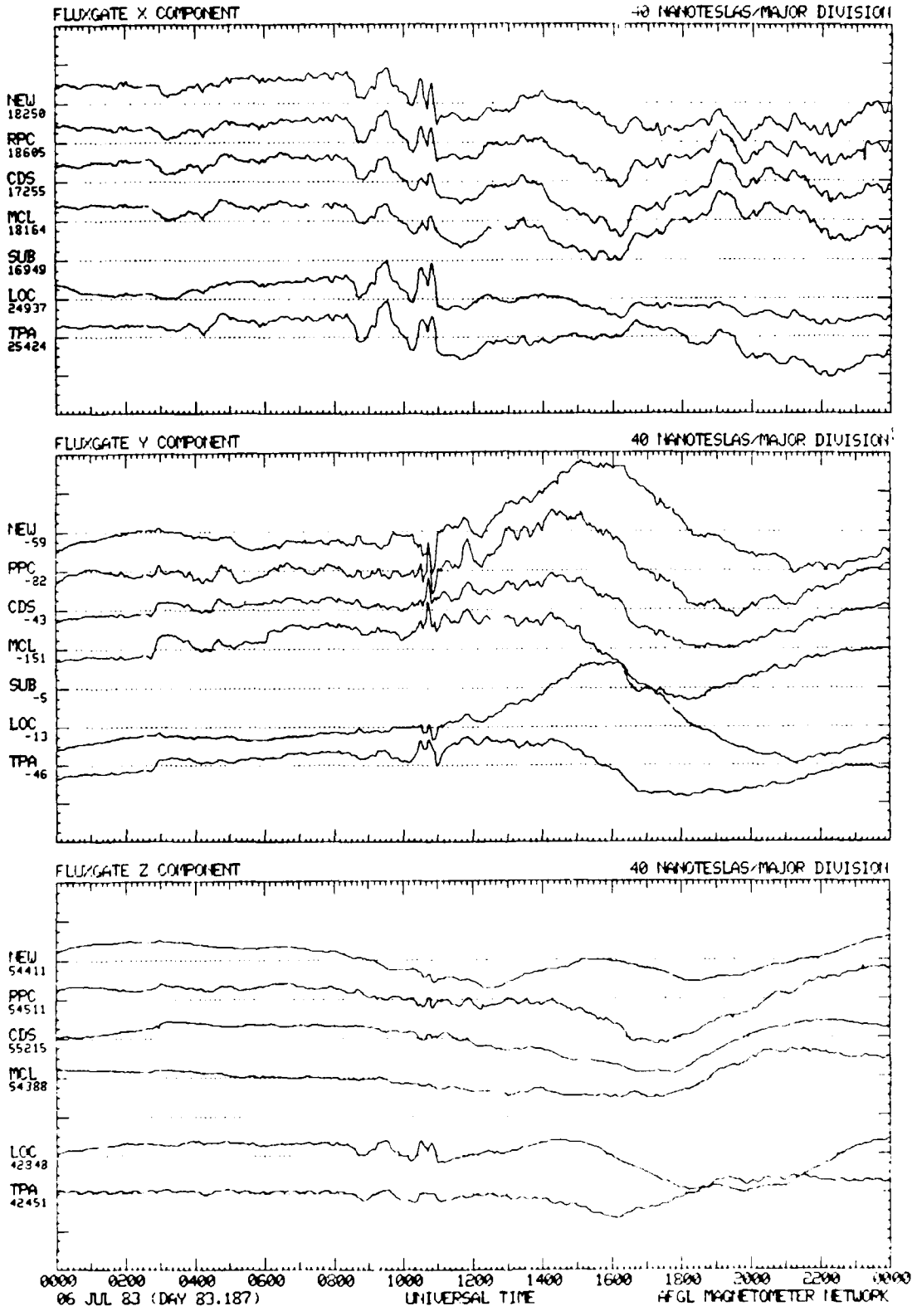

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18247
RPC 18599
CDS 17250
MCL 18157
LOC 24924
TPA 25418
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -60
RPC -75
CDS -25
MCL -134
SUB -5
LOC -8
TPA -44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54419
RPC 54522
CDS 55218
MCL 54397
LOC 42851
TPA 42446
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 JUL 83 (DAY 83.182)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

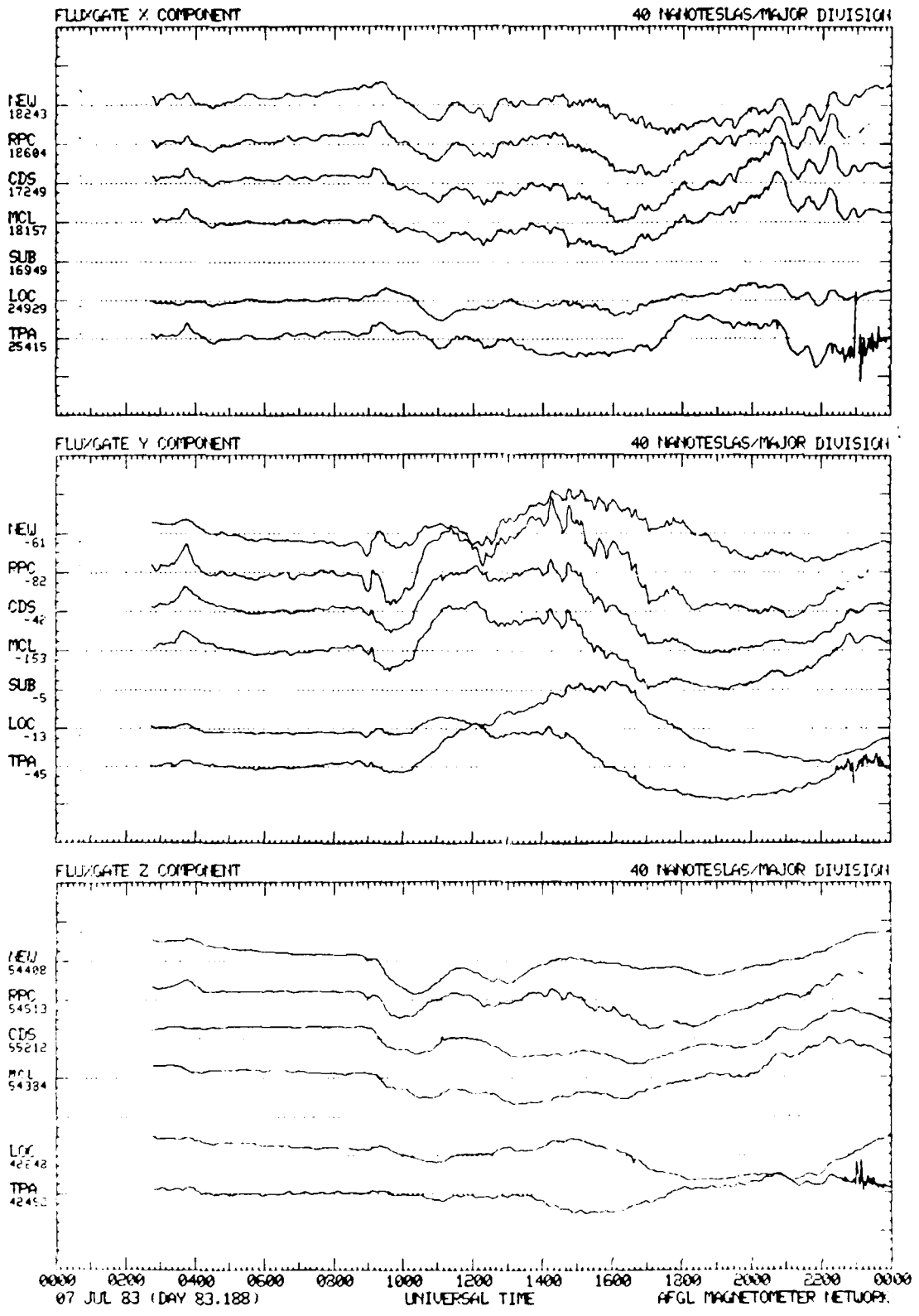

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18247
RPC
18599
CDS
17250
MCL
18162
LOC
24936
TPA
25423
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-68
RPC
-75
CDS
-25
MCL
-134
SUB
-5
LOC
-11
TPA
-45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54411
RPC
54522
CDS
55218
MCL
54396
LOC
42855
TPA
42445
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 JUL 83 (DAY 83.183)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

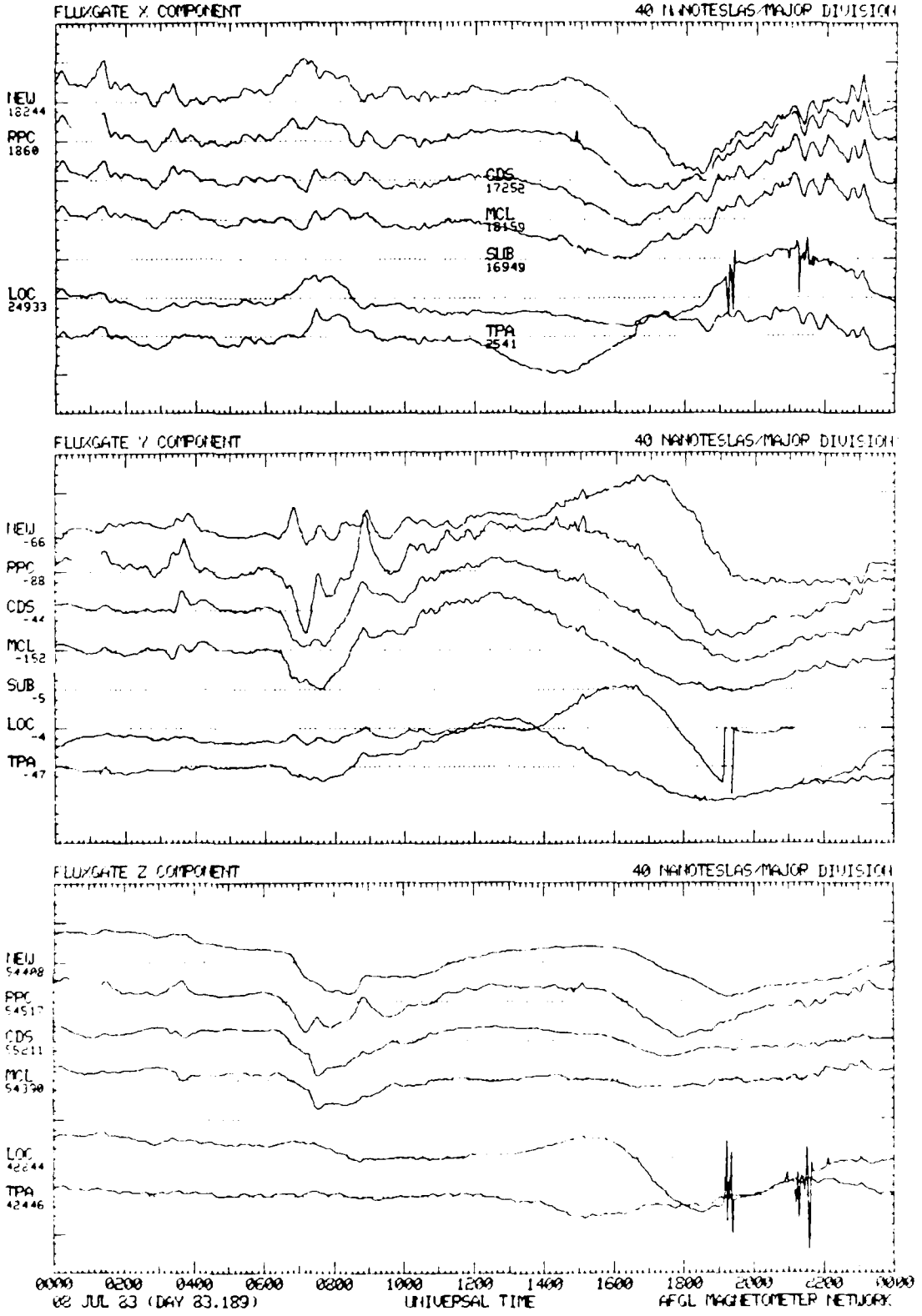

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18247
RPC
18604
CDS
1725
MCL
18163
LOC
24933
TPA
25422
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-65
RPC
-76
CDS
-38
MCL
-133
SUB
-5
LOC
-9
TPA
-45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54410
RPC
54513
CDS
55210
MCL
54393
LOC
42853
TPA
42447
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 JUL 83 (DAY 83.184)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

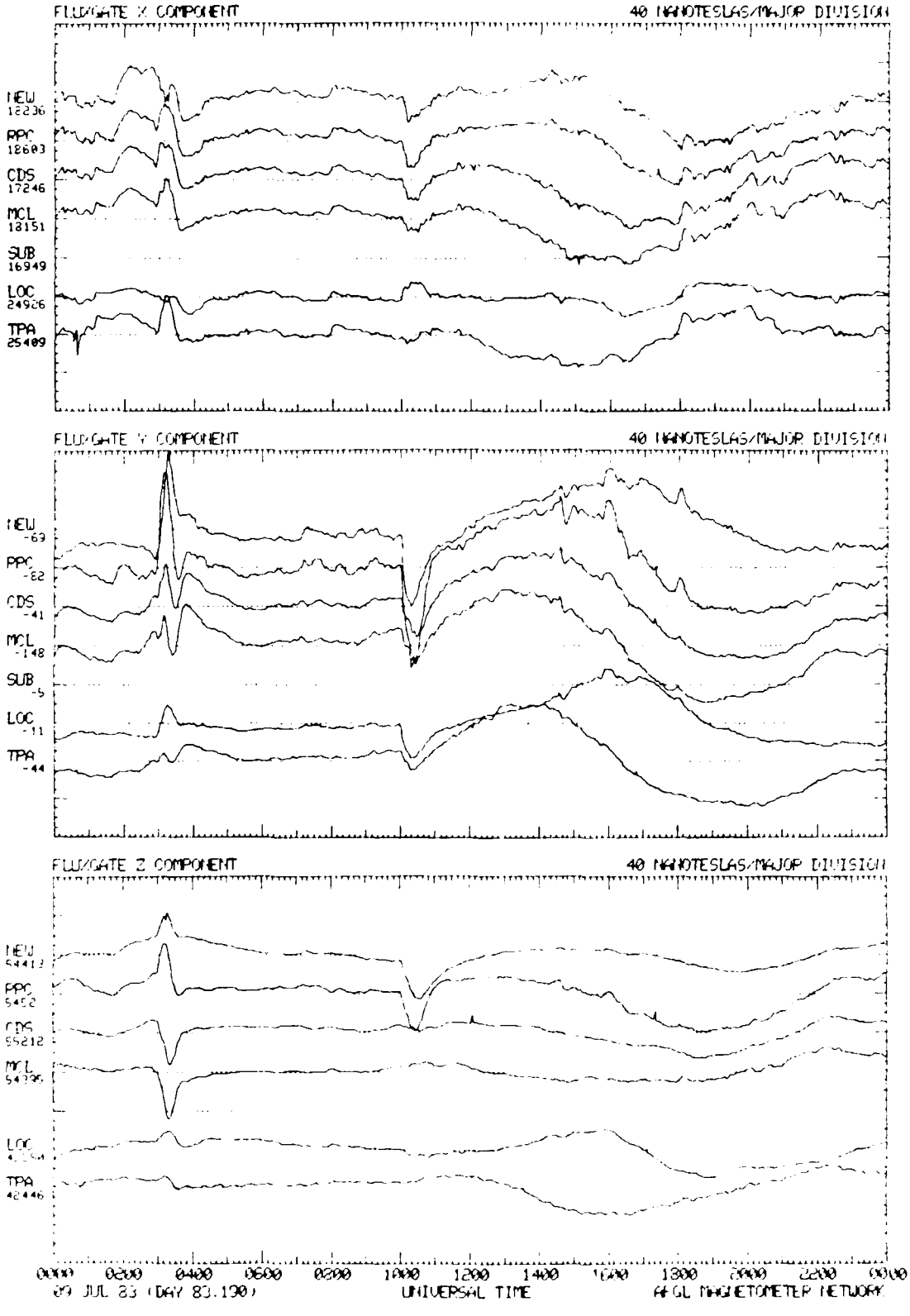

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18246
RPC
18598
CDS
17256
MCL
18162
LOC
24932
TPA
25423
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-65
RPC
-83
CDS
-40
MCL
-139
SUB
-5
LOC
-12
TPA
-47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54411
RPC
54516
CDS
55214
MCL
54395
LOC
42851
TPA
42450
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 JUL 83 (DAY 83.185)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

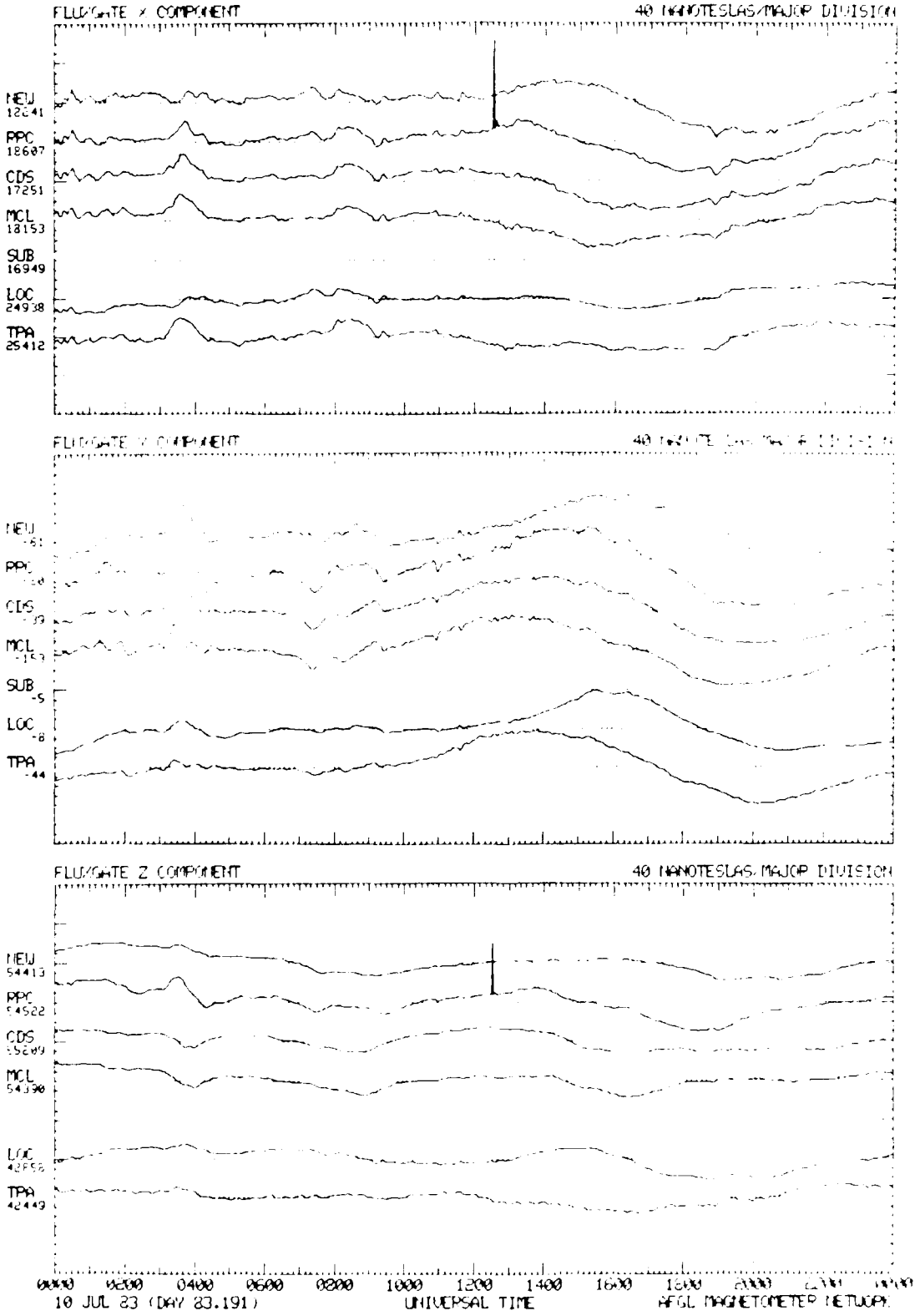

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18257
PPC
12605
CDS
17263
MCL
18169
LOC
24942
TPA
25433
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
61
PPC
-54
CDS
-44
MCL
-13
SUB
-5
LOC
-14
TPA
-47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54411
PPC
54512
CDS
55217
MCL
54393
LOC
46850
TPA
42451
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
05 JUL 83 (DAY 83.186)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

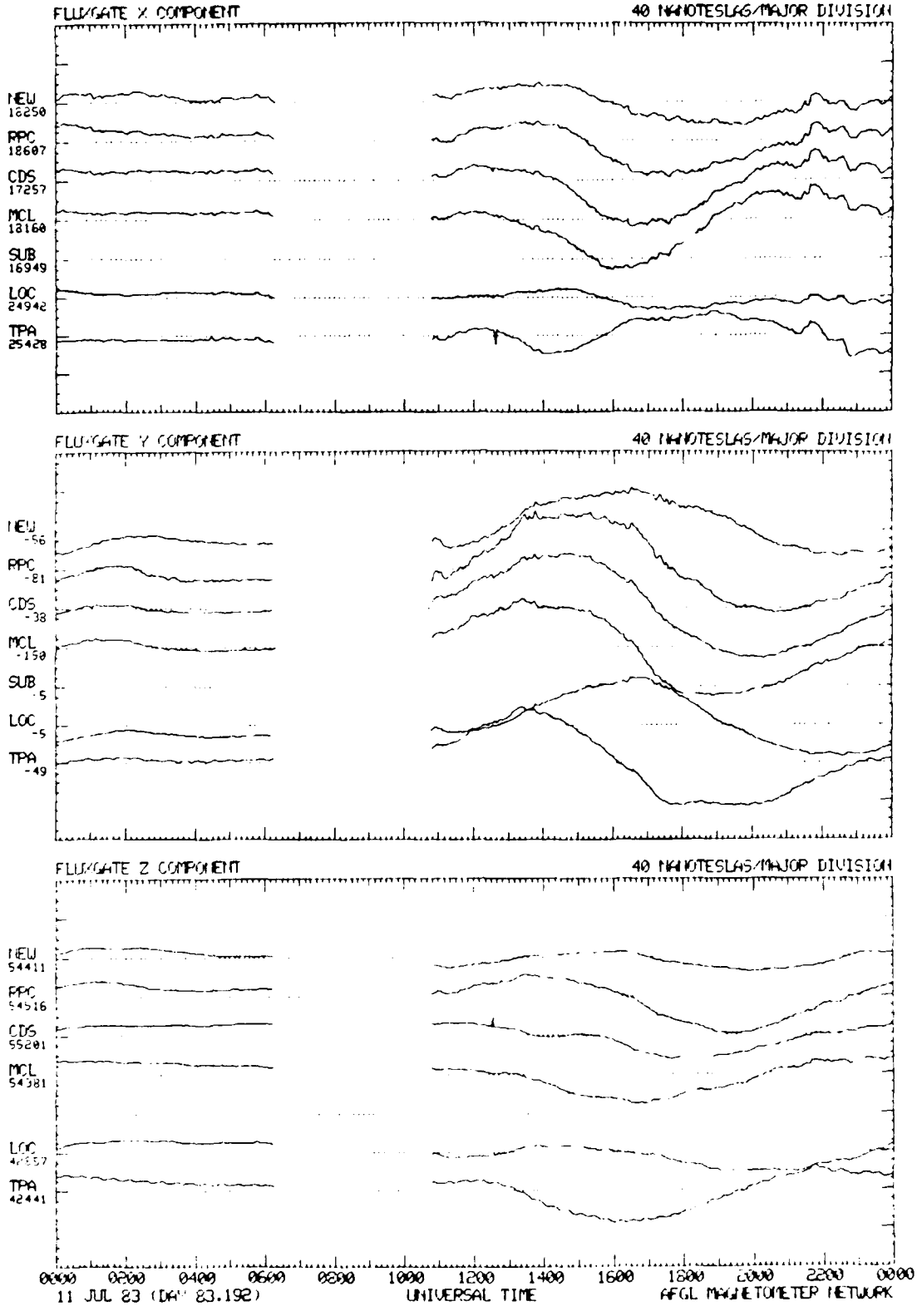

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18250
RPC 18605
CDS 17255
MCL 18164
SUB 16949
LOC 24937
TPA 25424
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -59
PPC -82
CDS -43
MCL -151
SUB -5
LOC -13
TPA -46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54411
PPC 54511
CDS 55215
MCL 54388
LOC 42348
TPA 42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 JUL 83 (DAY 83.187)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

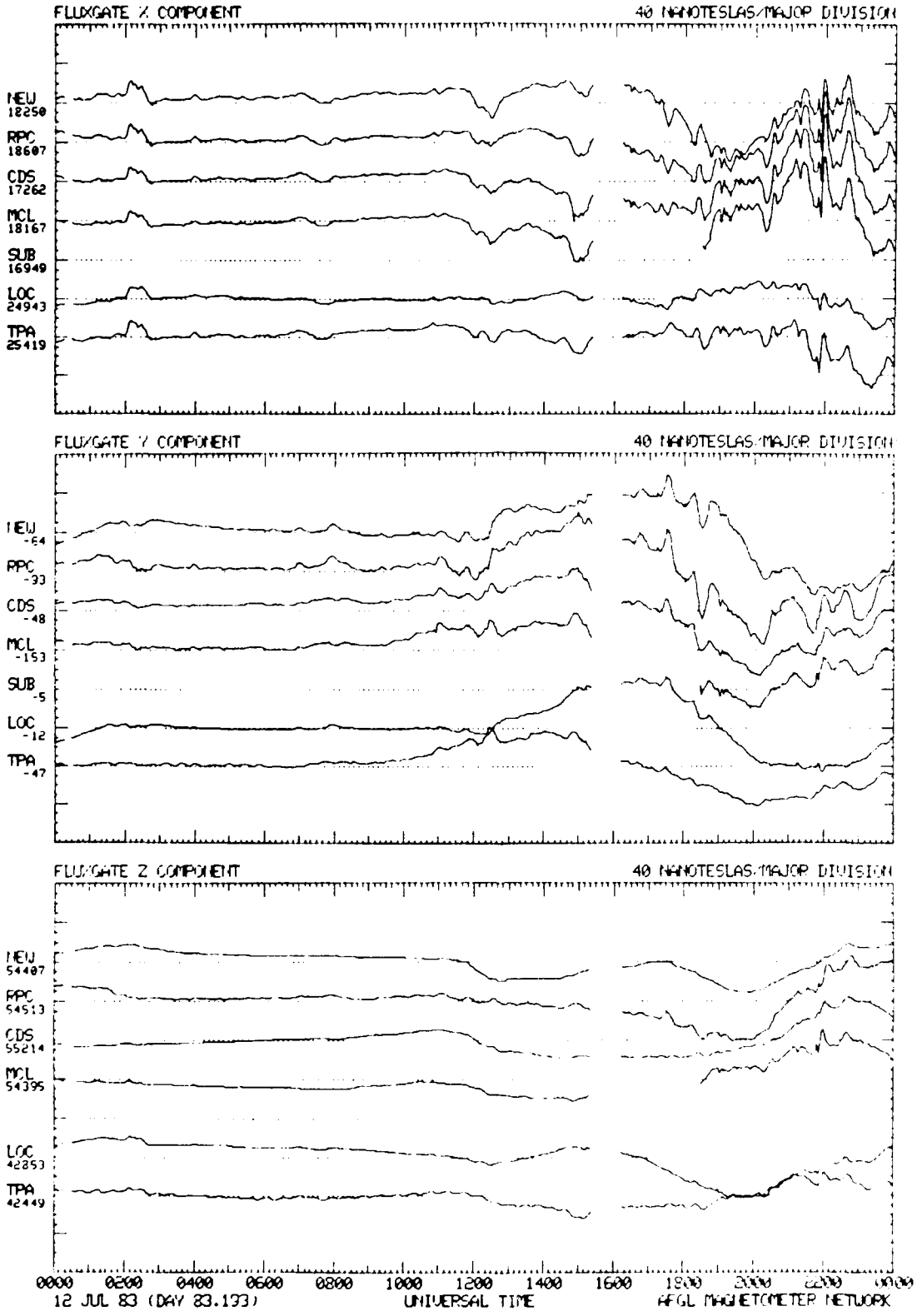

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18243
RPC
18604
CDS
17249
MCL
18157
SUB
16949
LOC
24929
TPA
25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-61
RPC
-82
CDS
-42
MCL
-153
SUB
-5
LOC
-13
TPA
-45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54408
RPC
54513
CDS
55212
MCL
54384
LOC
42648
TPA
42450
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 JUL 83 (DAY 83.188)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

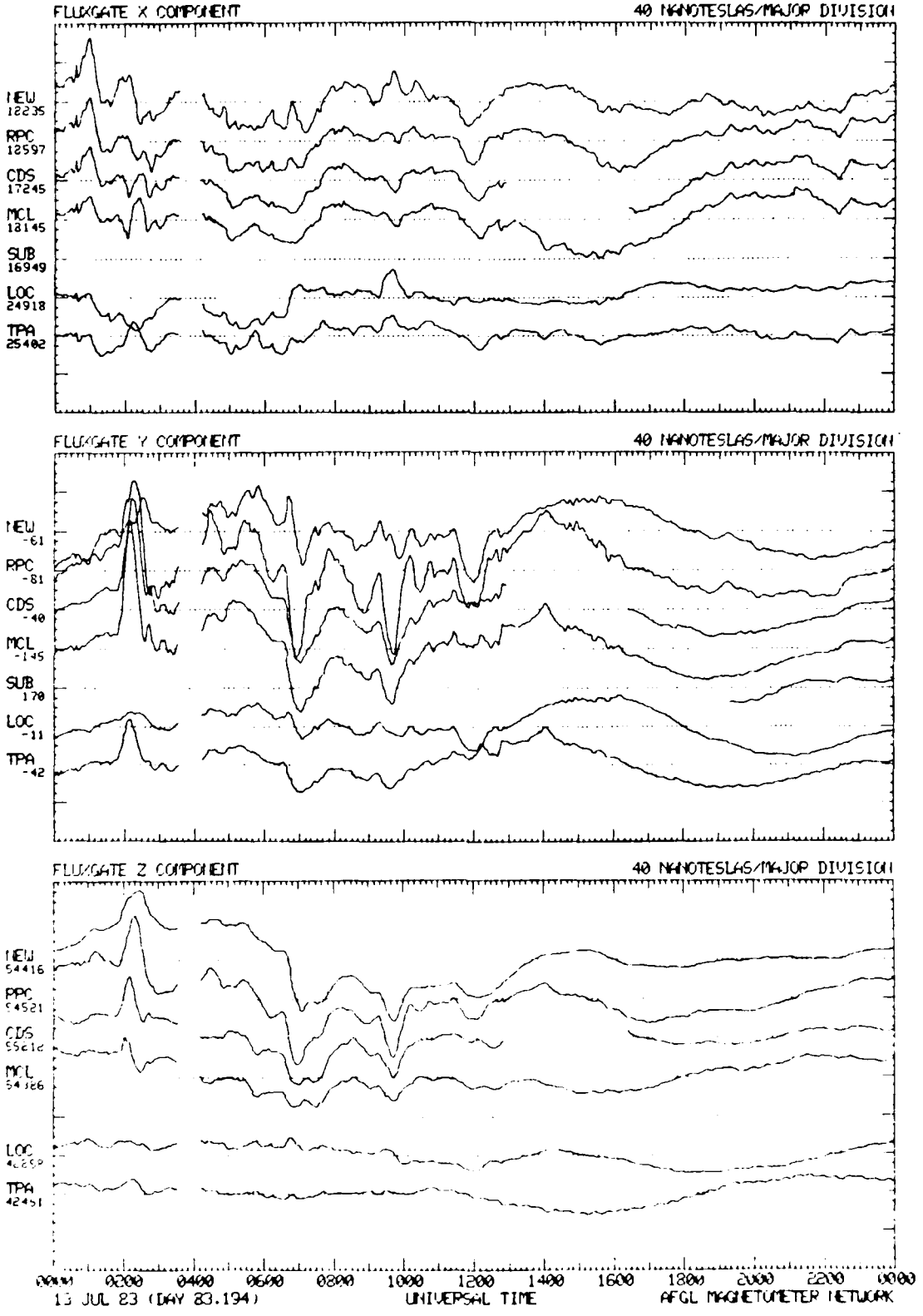

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18244
PPC
1860
CDS
17252
MCL
18159
SUB
16949
LOC
24933
TPA
2541
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-66
PPC
-88
CDS
-44
MCL
-152
SUB
-5
LOC
-4
TPA
-47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54498
PPC
54510
CDS
55011
MCL
54390
LOC
42644
TPA
42446
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
02 JUL 83 (DAY 83.189)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

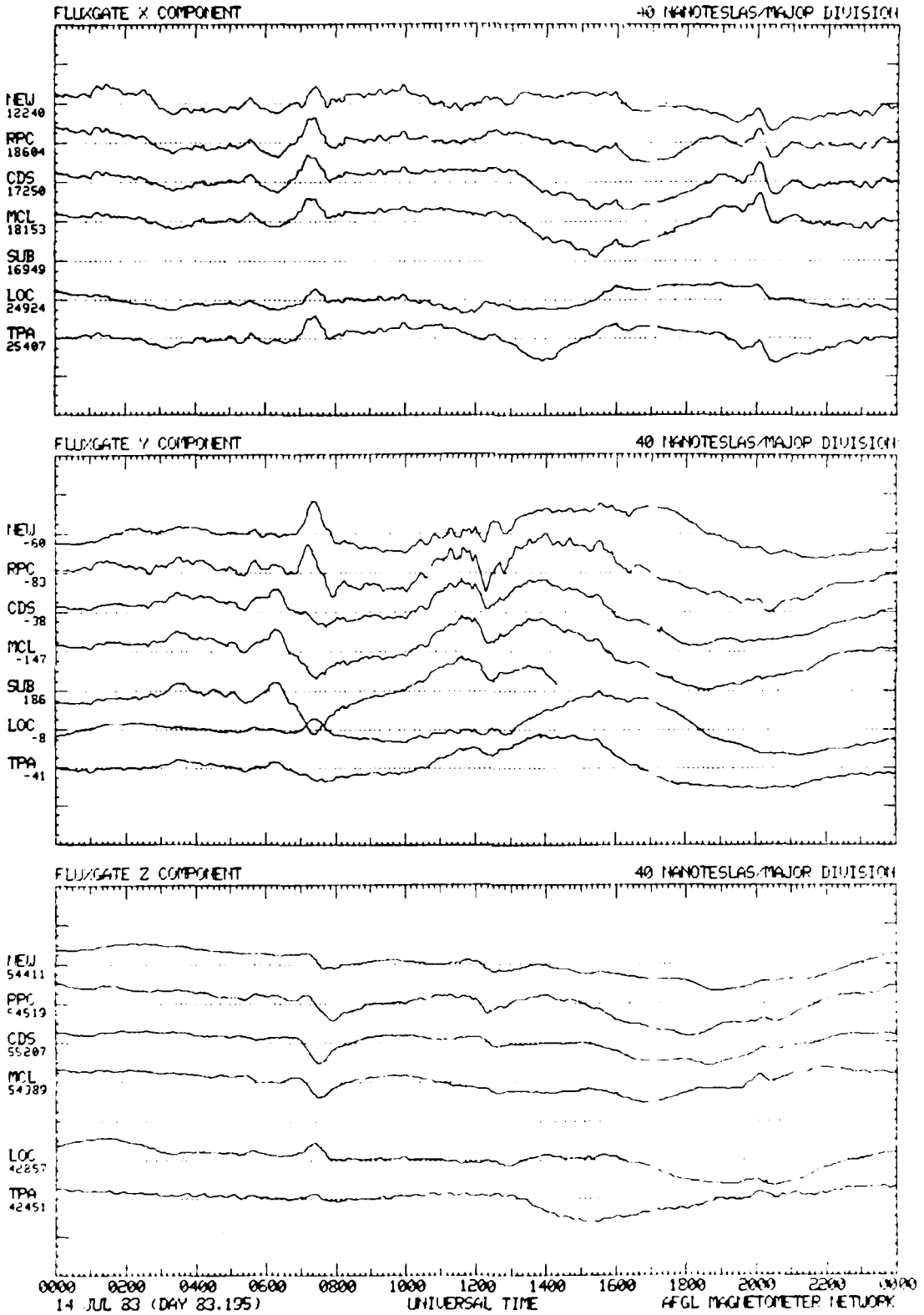

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 12236
PPC 18603
CDS 17246
MCL 18151
SUB 16949
LOC 24926
TPA 25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -69
PPC -82
CDS -41
MCL -148
SUB -5
LOC -11
TPA -44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54413
PPC 5452
CDS 55212
MCL 54796
LOC 42564
TPA 42446
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09 JUL 83 (DAY 83.190)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

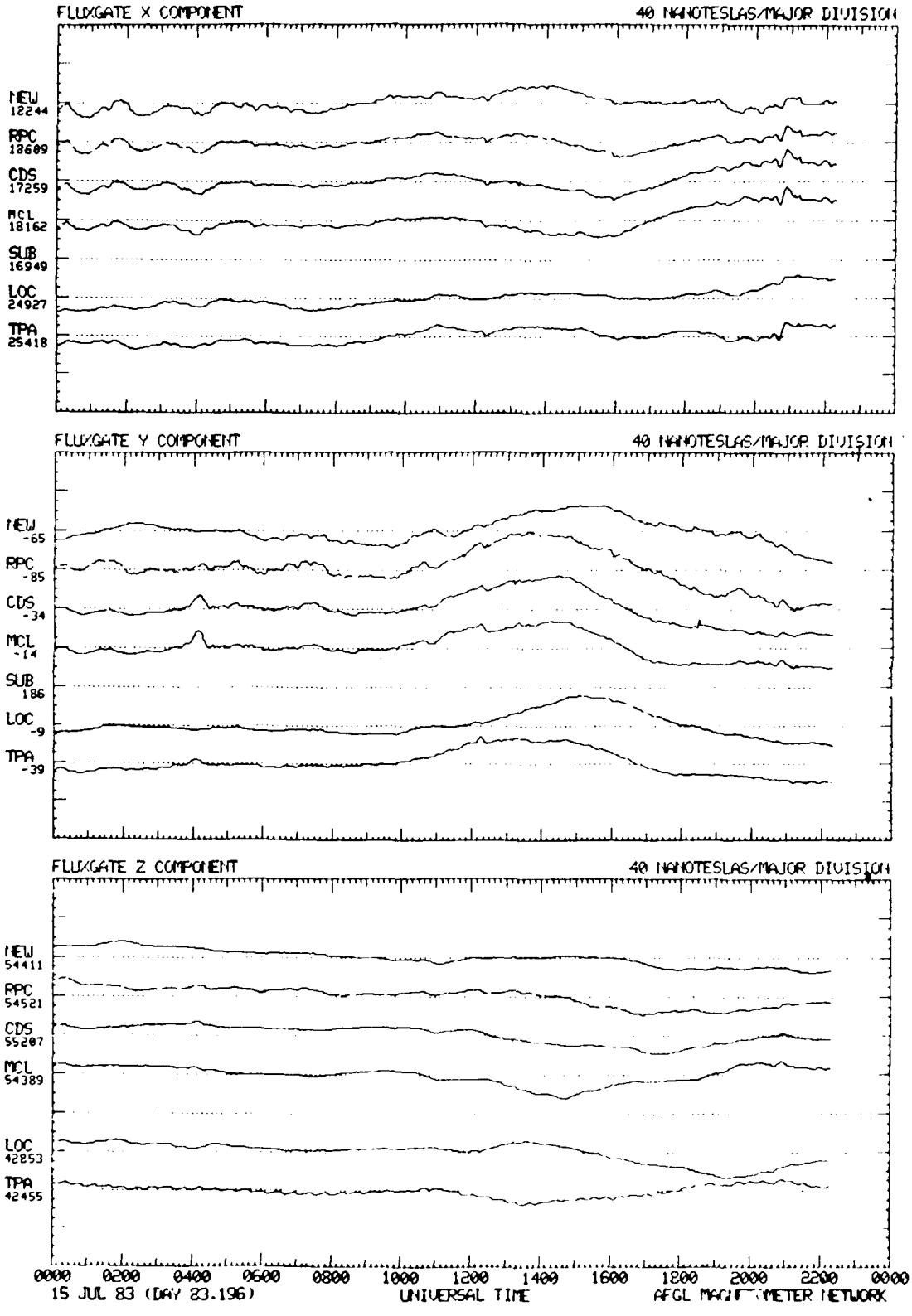

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12241
PPC
18607
CDS
17251
MCL
18153
SUB
16949
LOC
24938
TPA
25412
FLUXGATE Y COMPONENT
NEW
-61
PPC
CDS
MCL
SUB
-5
LOC
-8
TPA
-44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54413
PPC
54522
CDS
55209
MCL
54390
LOC
42858
TPA
42449
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
10 JUL 83 (DAY 83.191)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

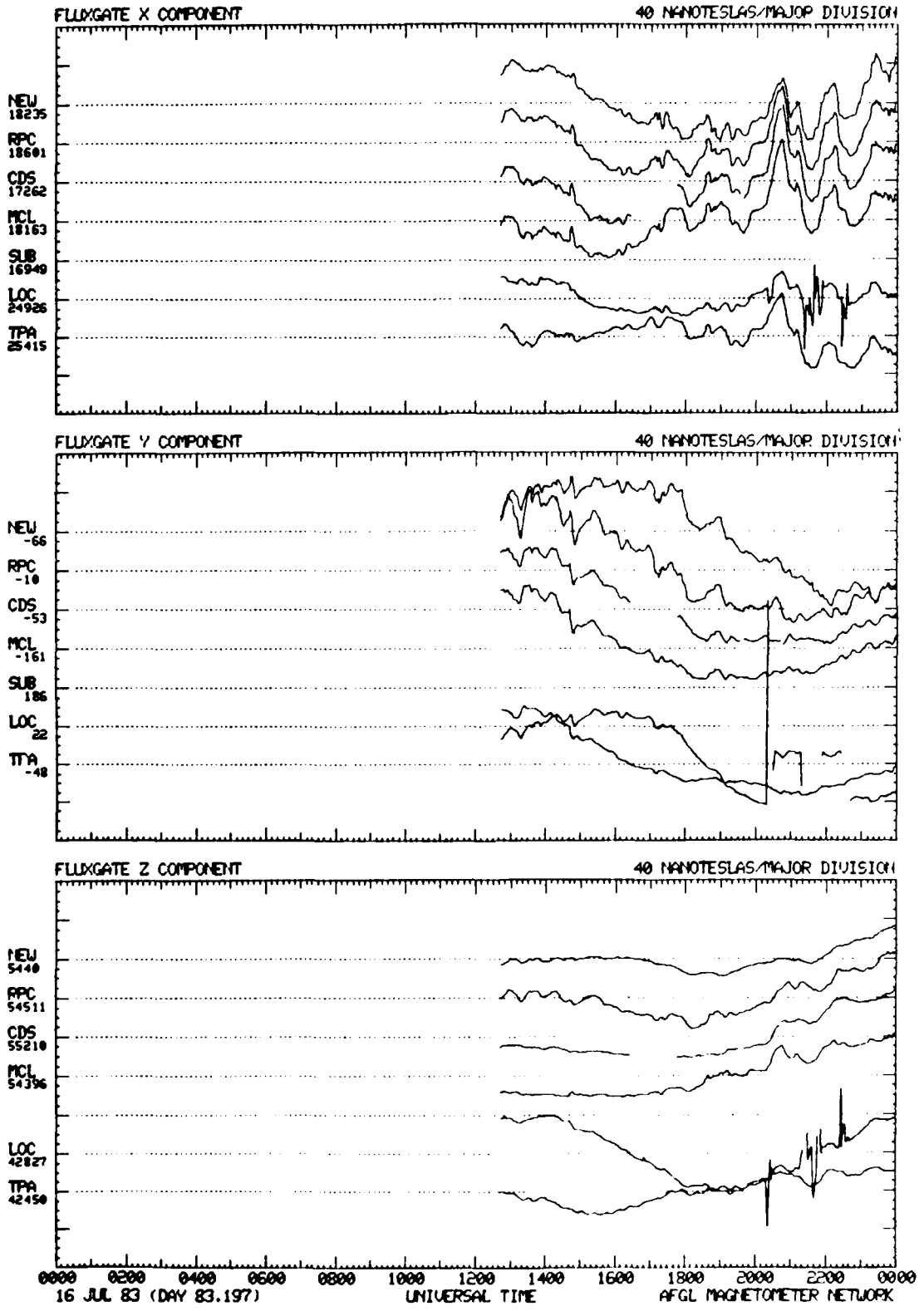

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18250
RPC 18607
CDS 17257
MCL 18160
SUB 16949
LOC 24942
TPA 25428
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -81
CDS -38
MCL -150
SUB -5
LOC -5
TPA -49
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54411
RPC 54516
CDS 55201
MCL 54381
LOC
TPA 42441
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 JUL 83 (DAY 83.192)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

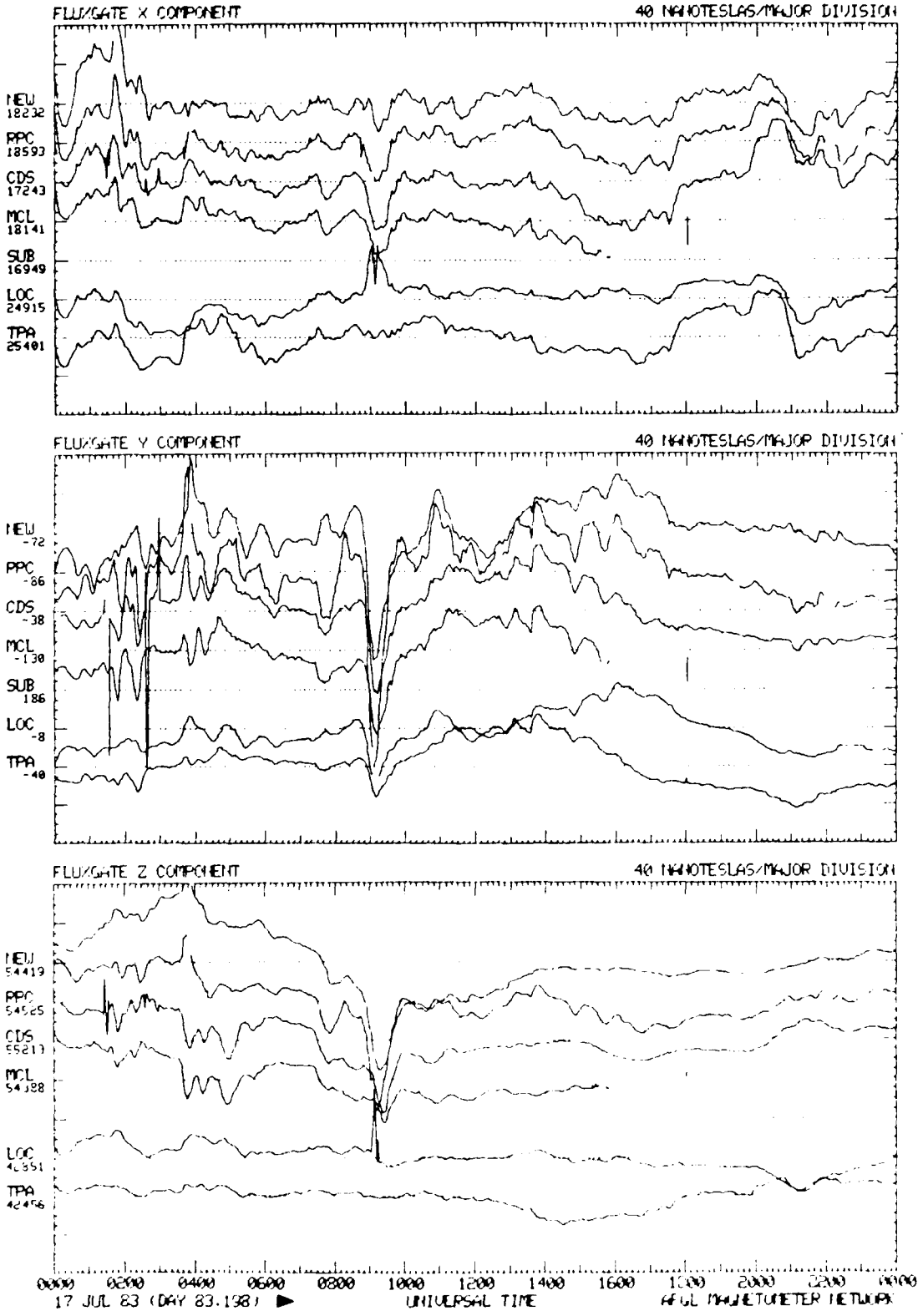

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18250
RPC
18607
CDS
17262
MCL
18167
SUB
16949
LOC
24943
TPA
25419
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-64
RPC
-93
CDS
-48
MCL
-153
SUB
-5
LOC
-12
TPA
-47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54407
RPC
54513
CDS
55214
MCL
54395
LOC
42853
TPA
42449
0000
0200
0400
0600
0800
1000
1200
1400
1600
12 JUL 83 (DAY 83.193)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

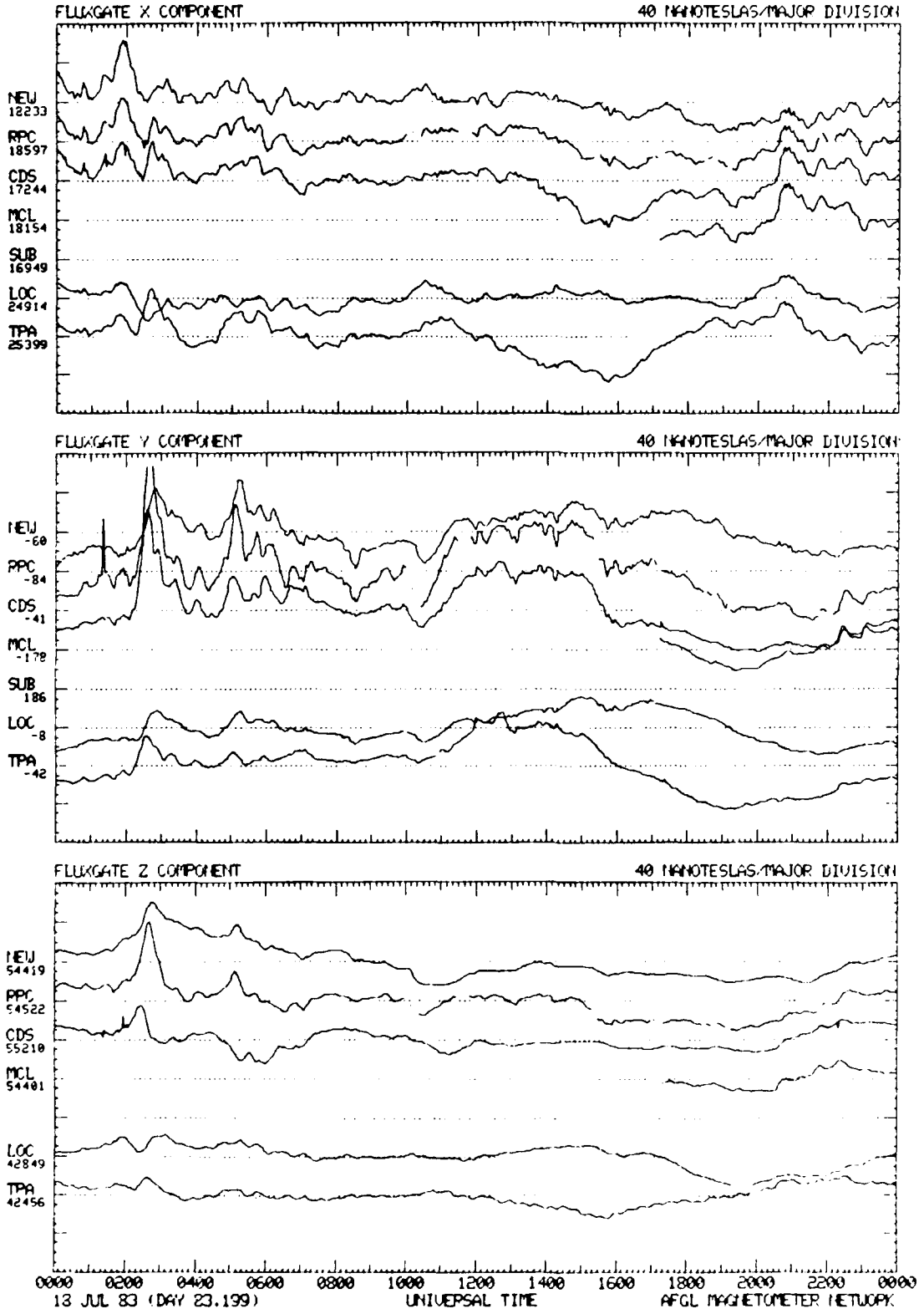

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12235
RPC
12597
CDS
17245
MCL
18145
SUB
16949
LOC
24918
TPA
25402
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-61
RPC
-81
CDS
-40
MCL
-145
SUB
170
LOC
-11
TPA
-42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54416
RPC
54521
CDS
55616
MCL
54186
LOC
42259
TPA
42451
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
13 JUL 83 (DAY 83.194)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

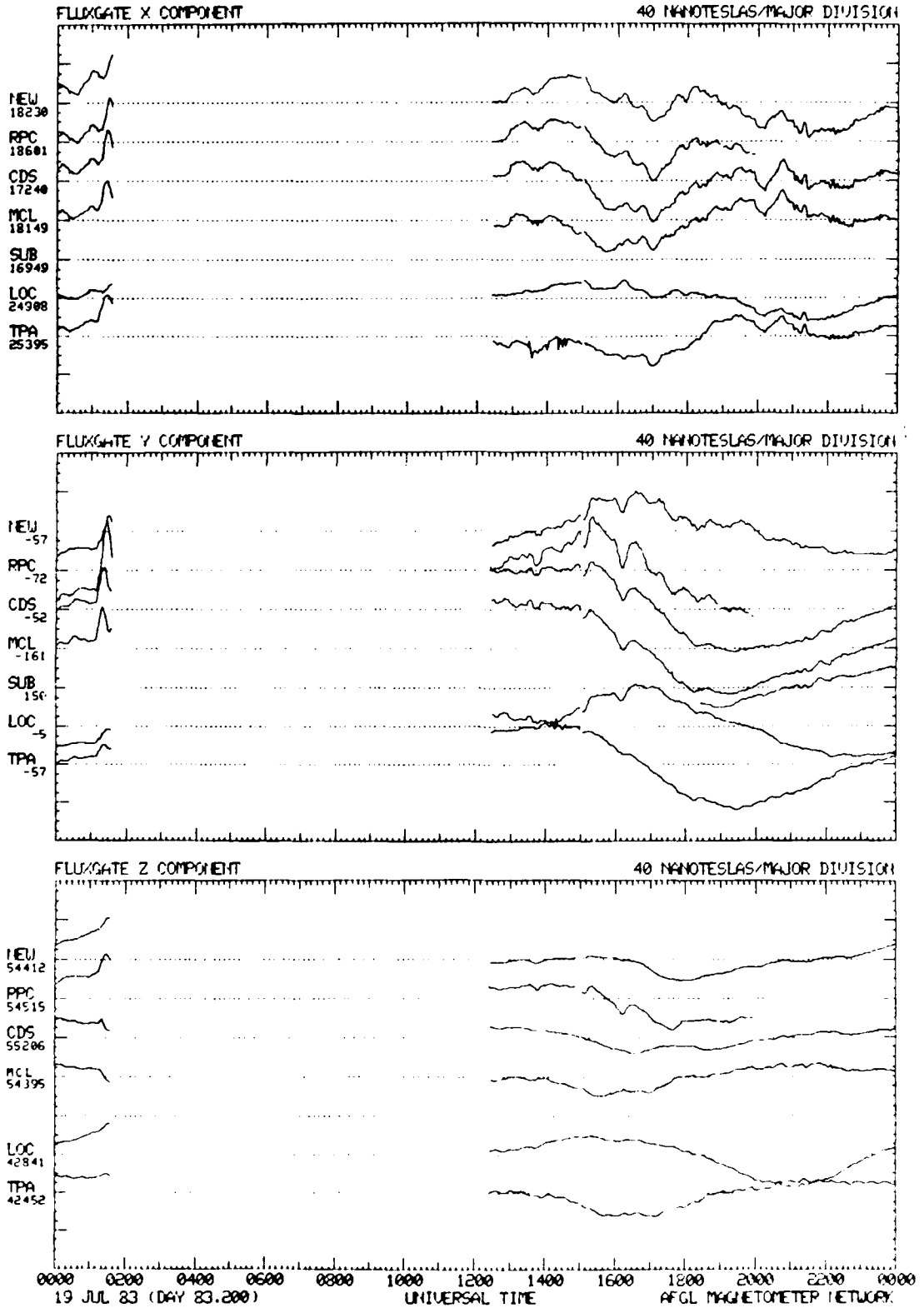

FLUXGATE X COMPONENT
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NEW
12240
RPC
18604
CDS
17250
MCL
18153
SUB
16949
LOC
24924
TPA
25407
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-60
RPC
-83
CDS
-38
MCL
-147
SUB
186
LOC
-8
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54411
RPC
54519
CDS
55207
MCL
54389
LOC
42857
TPA
42451
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
14 JUL 83 (DAY 83.195)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

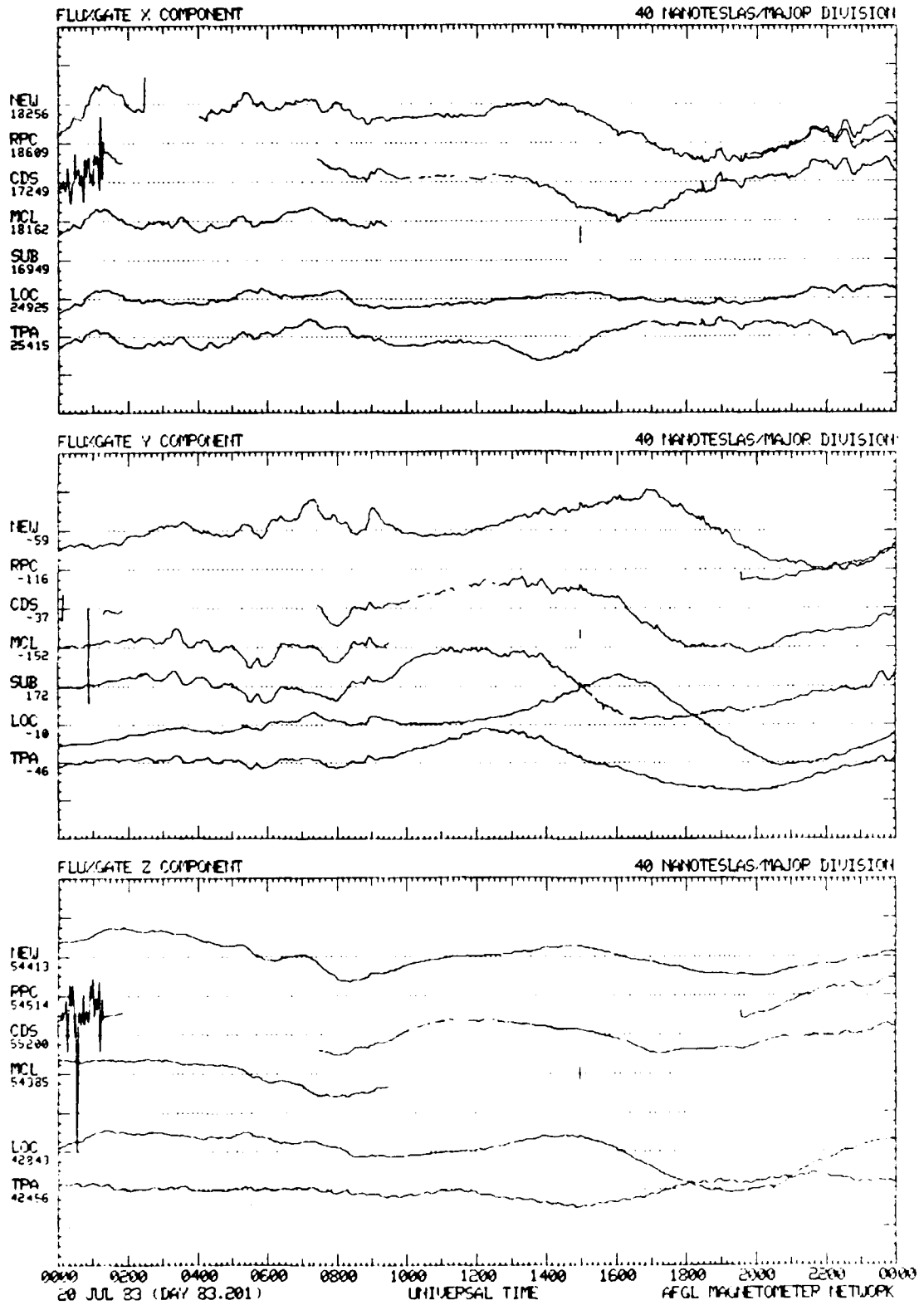

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12244
RPC
13609
CDS
17259
MCL
18162
SUB
16949
LOC
24927
TPA
25418
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-65
RPC
-85
CDS
-34
MCL
-14
SUB
186
LOC
-9
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54411
RPC
54521
CDS
55207
MCL
54389
LOC
42853
TPA
42455
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 JUL 83 (DAY 83.196)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

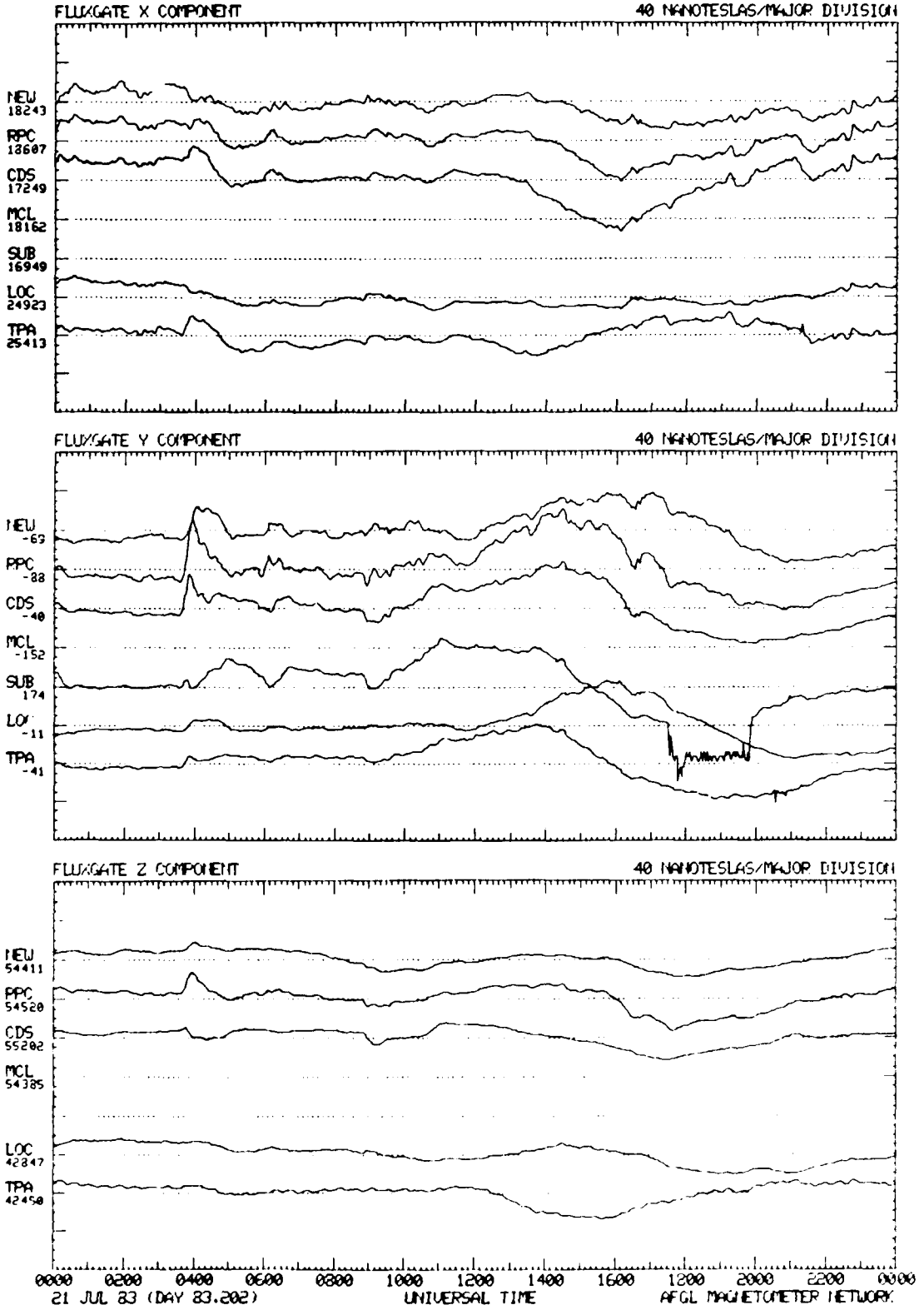

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18235
RPC 18601
CDS 17262
MCL 18163
SUB 16949
LOC 24926
TPA 25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -66
RPC -10
CDS -53
MCL -161
SUB 186
LOC 22
TPA -48
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54410
RPC 54511
CDS 55210
MCL 54396
LOC 42827
TPA 42450
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 JUL 83 (DAY 83.197)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

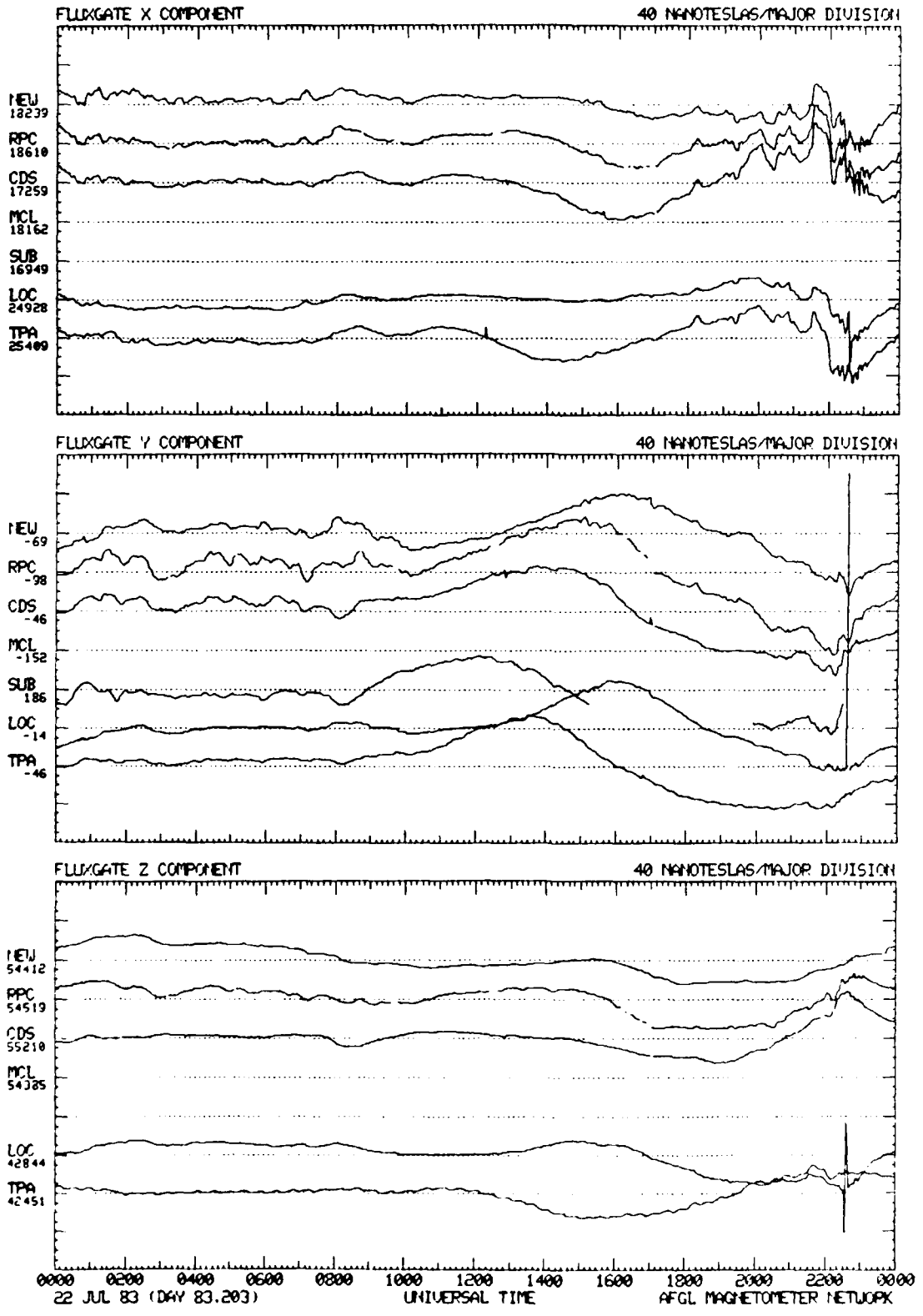

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18232
PPC 18593
CDS 17243
MCL 18141
SUB 16949
LOC 24915
TPA 25401
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -72
PPC -86
CDS -38
MCL -130
SUB 186
LOC -8
TPA -40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54419
PPC 54525
CDS 55213
MCL 54388
LOC 41351
TPA 42456
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 2400
17 JUL 83 (DAY 83.198)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

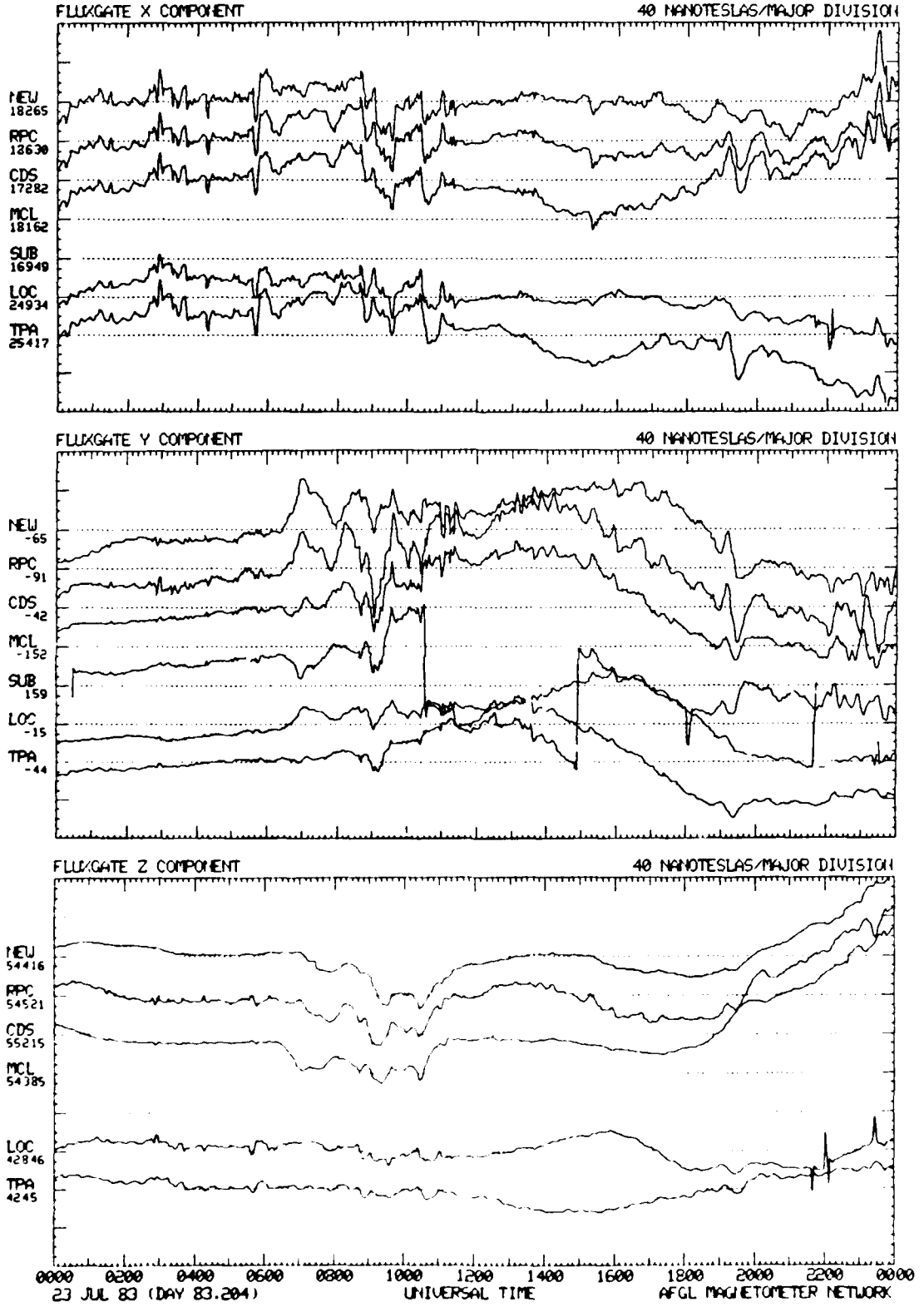

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12233
RPC
18597
CDS
17244
MCL
18154
SUB
16949
LOC
24914
TPA
25399
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-60
PPC
-84
CDS
-41
MCL
-178
SUB
186
LOC
-8
TPA
-42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54419
PPC
54522
CDS
55210
MCL
54401
LOC
42849
TPA
42456
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
13 JUL 83 (DAY 23.199)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

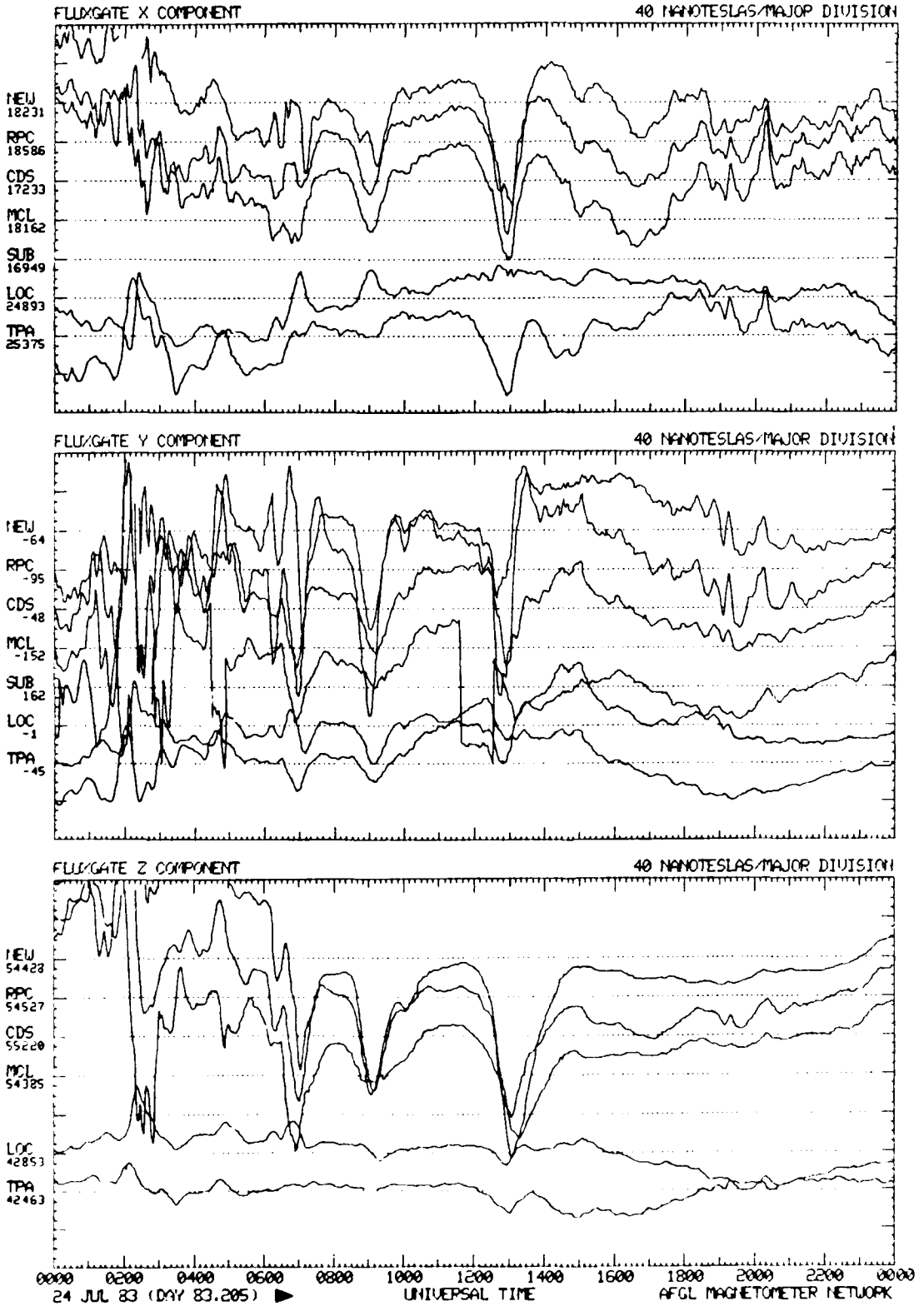

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18230
RPC
18601
CDS
17240
MCL
18149
SUB
16949
LOC
24908
TPA
25395
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-57
RPC
-72
CDS
-52
MCL
-161
SUB
LOC
-5
TPA
-57
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54412
RPC
54515
CDS
55206
MCL
54395
LOC
42841
TPA
42452
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
19 JUL 83 (DAY 83.200)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

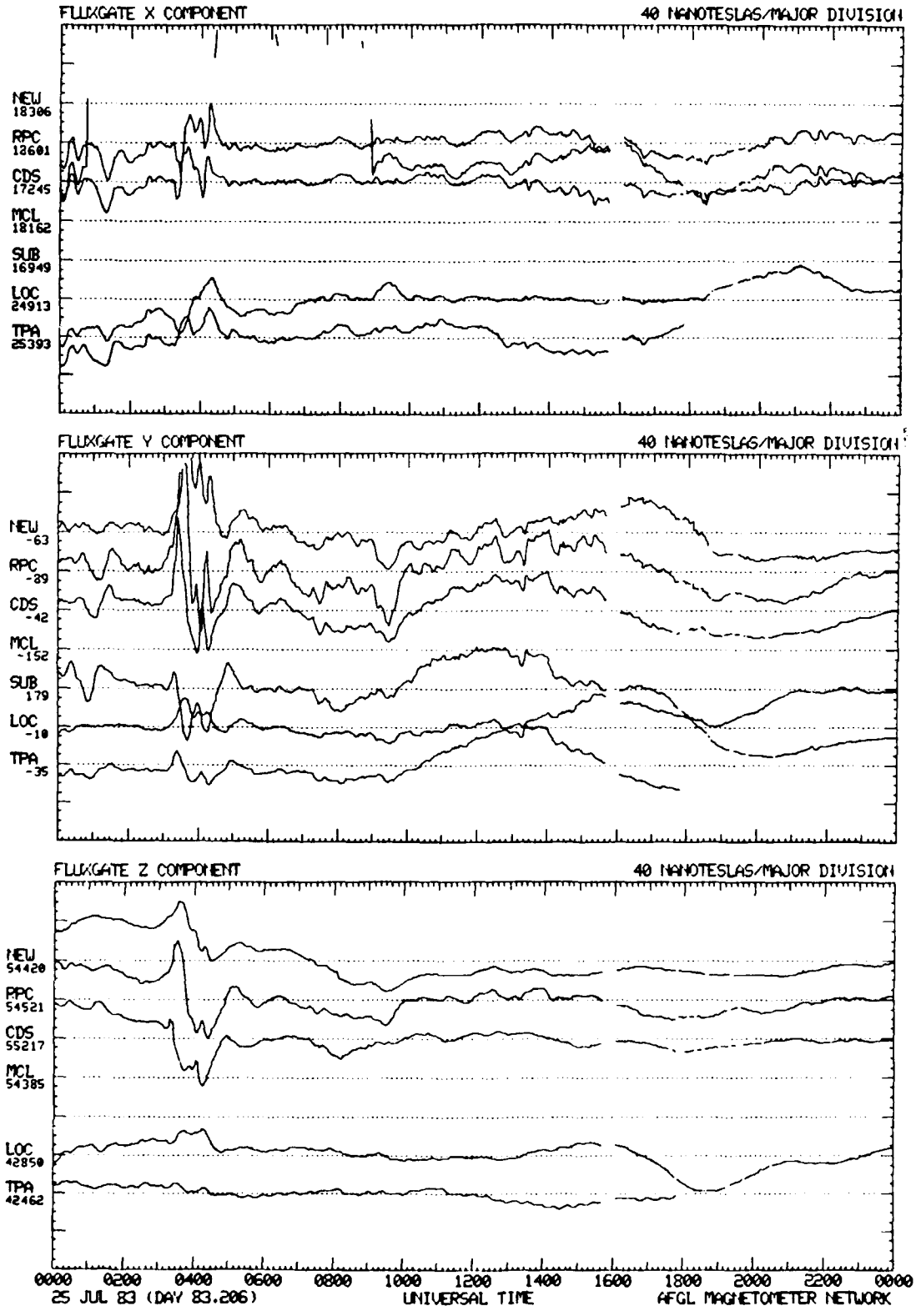

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18256
RPC 18609
CDS 17249
MCL 18162
SUB 16949
LOC 24925
TPA 25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -59
RPC -116
CDS -37
MCL -152
SUB 172
LOC -10
TPA -46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54413
RPC 54514
CDS 55200
MCL 54385
LOC 42843
TPA 42456
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 JUL 83 (DAY 83.201)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

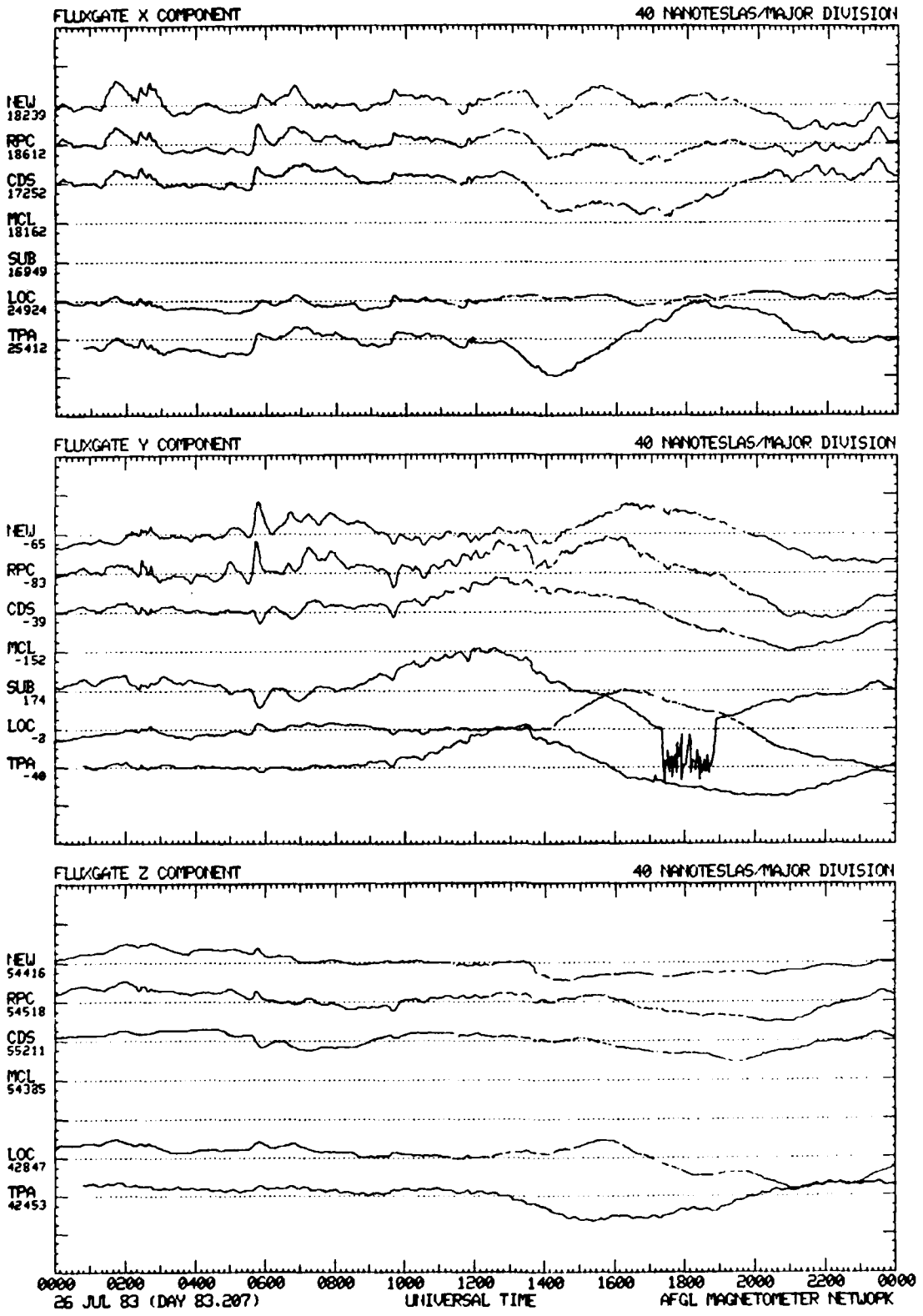

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18243
RPC
18607
CDS
17249
MCL
18162
SUB
16949
LOC
24923
TPA
25413
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-69
PPC
-88
CDS
-40
MCL
-152
SUB
174
LOC
-11
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54411
PPC
54520
CDS
55202
MCL
54385
LOC
42847
TPA
42450
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 JUL 83 (DAY 83.202)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

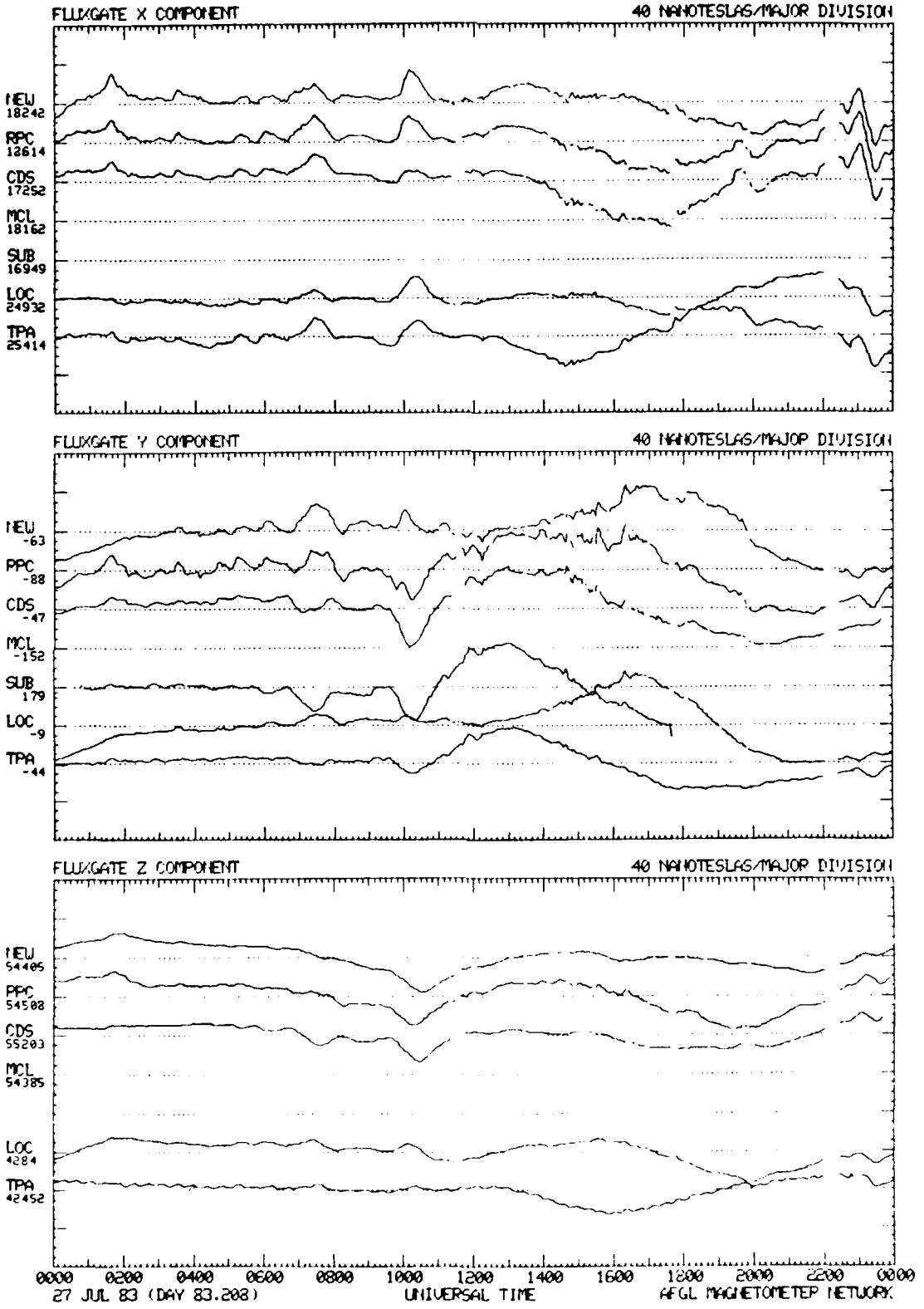

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18239
RPC
18610
CDS
17259
MCL
18162
SUB
16949
LOC
24928
TPA
25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-69
RPC
-98
CDS
-46
MCL
-152
SUB
186
LOC
-14
TPA
-46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54412
RPC
54519
CDS
55210
MCL
54385
LOC
42844
TPA
42451
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
22 JUL 83 (DAY 83.203)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

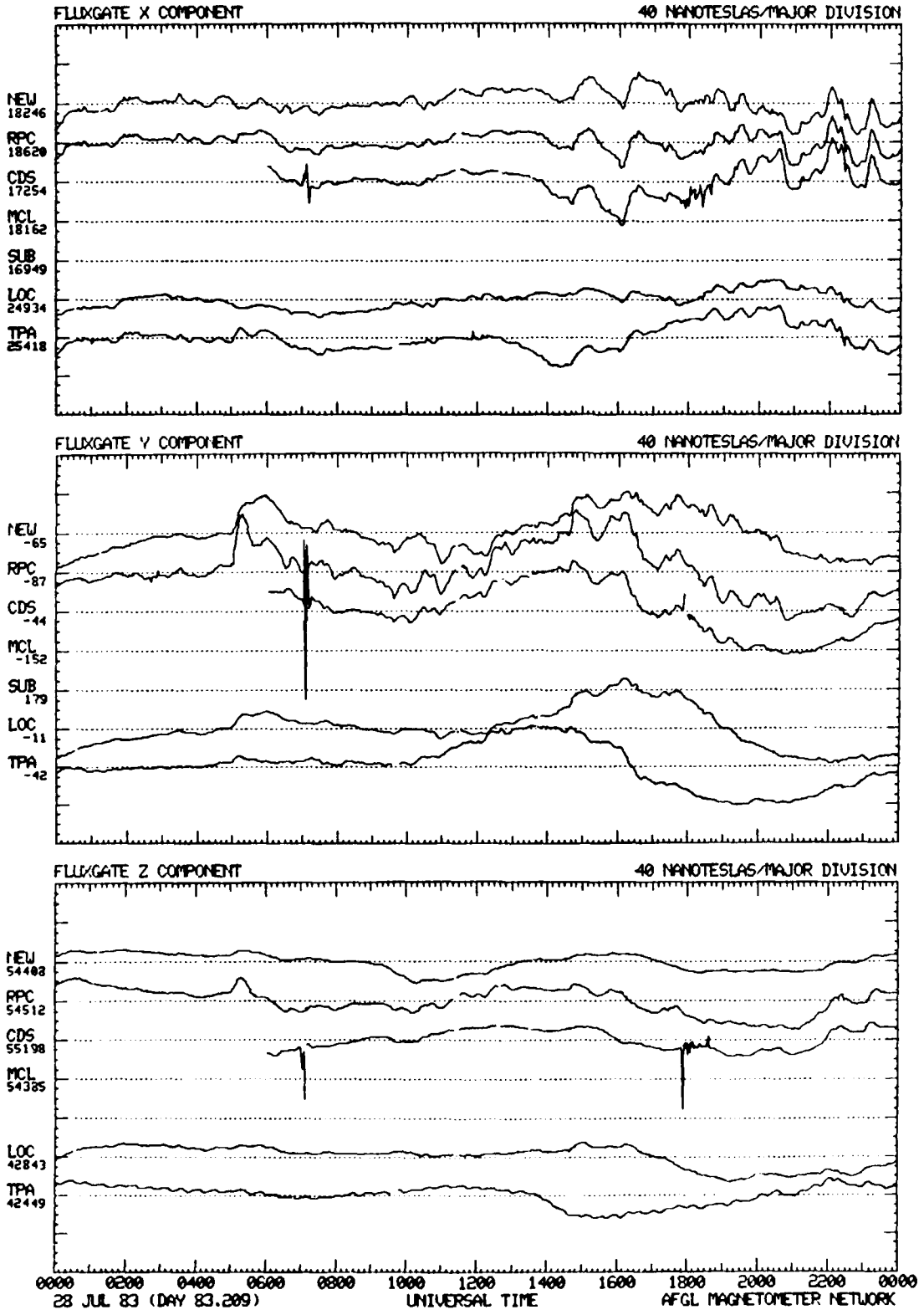

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18265
RPC
12630
CDS
17282
MCL
18162
SUB
16949
LOC
24934
TPA
25417
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-65
RPC
-91
CDS
-42
MCL
-152
SUB
159
LOC
-15
TPA
-44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54416
RPC
54521
CDS
55215
MCL
54385
LOC
42846
TPA
4245
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
23 JUL 83 (DAY 83.204)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

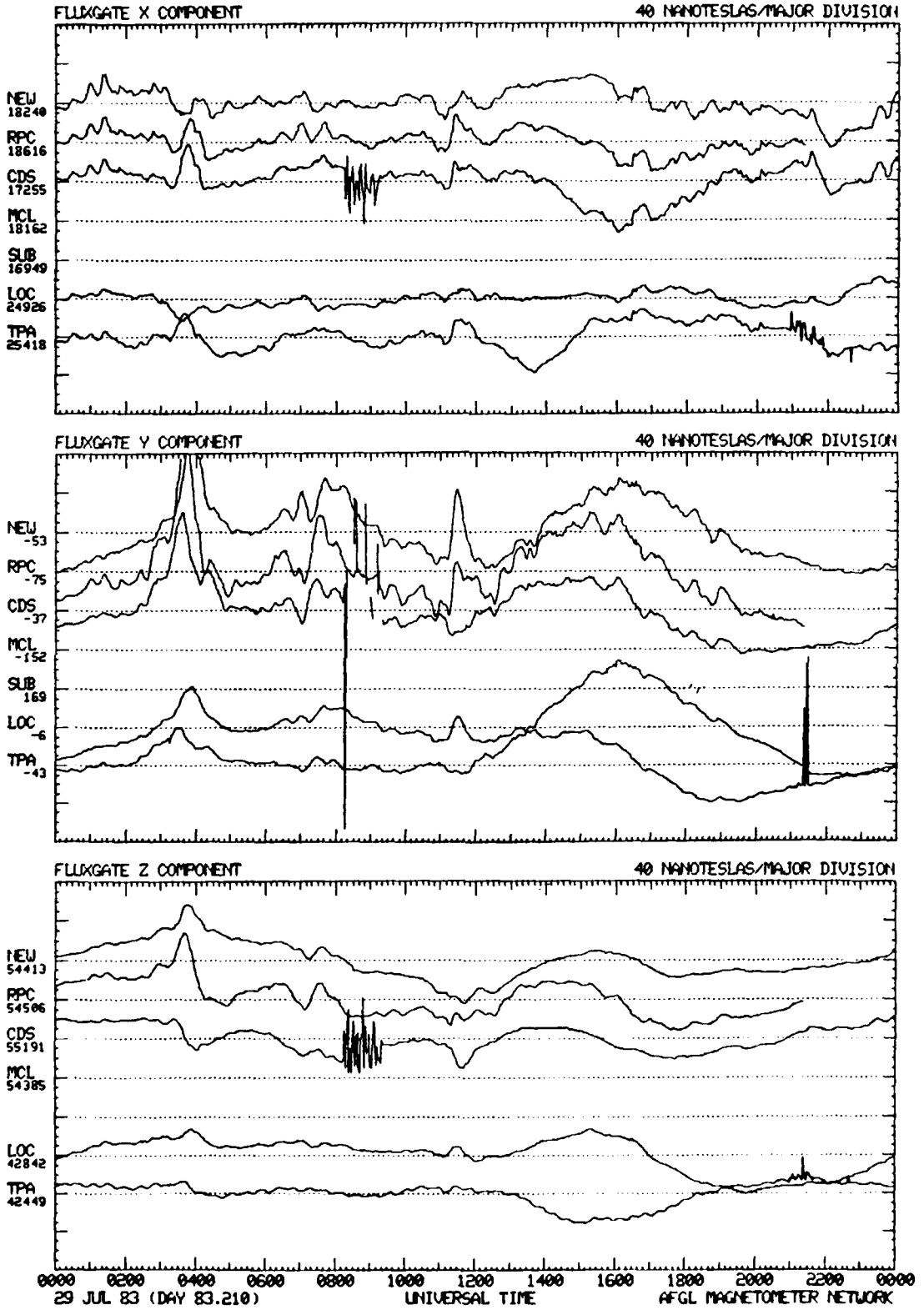

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18231
RPC
18586
CDS
17233
MCL
18162
SUB
16949
LOC
24893
TPA
25375
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-64
RPC
-95
CDS
-48
MCL
-152
SUB
162
LOC
-1
TPA
-45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54428
RPC
54527
CDS
55220
MCL
54385
LOC
42853
TPA
42463
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 JUL 83 (DAY 83.205)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

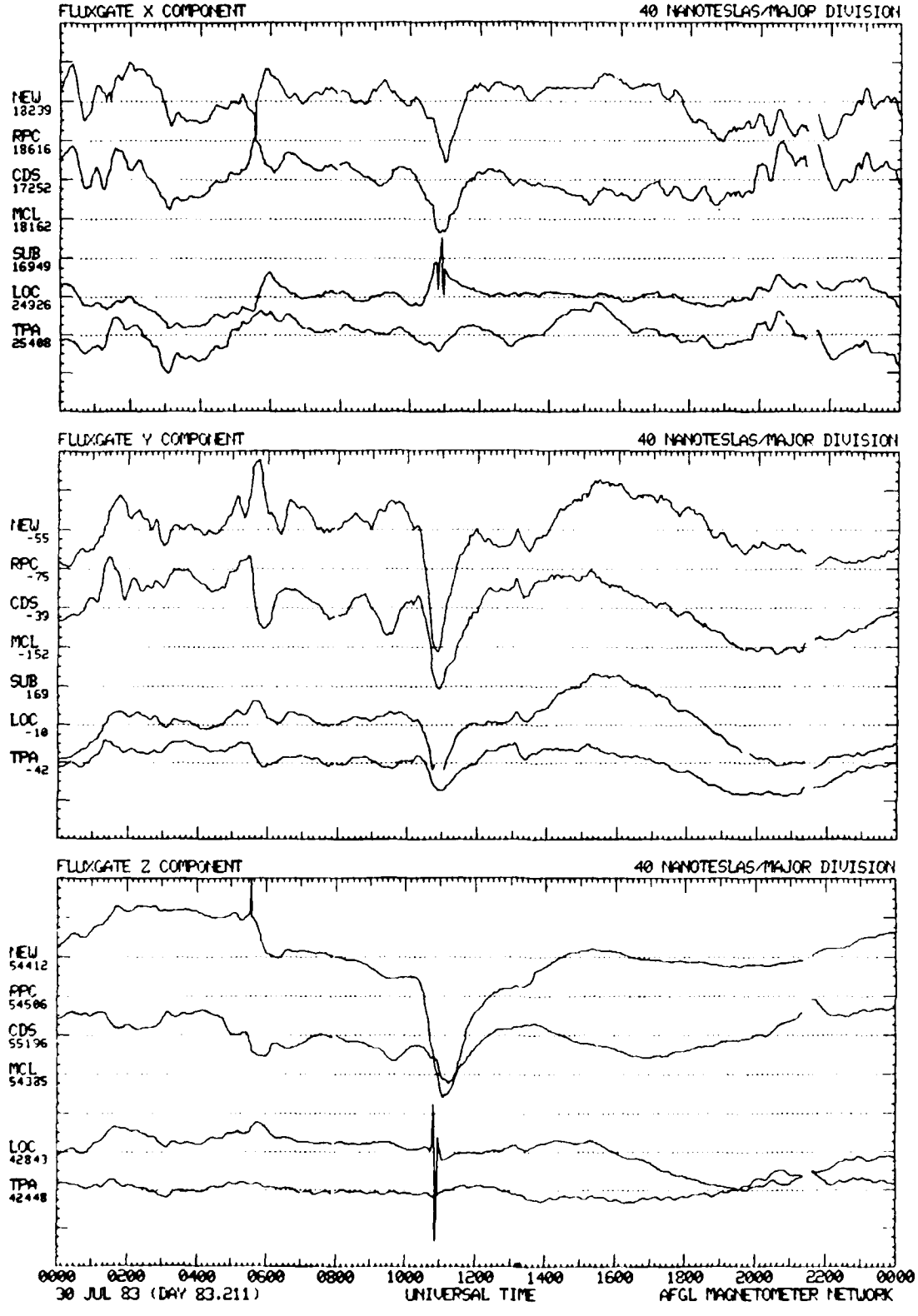

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18306
RPC
12601
CDS
17245
MCL
18162
SUB
16949
LOC
24913
TPA
25393
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-63
RPC
-89
CDS
-42
MCL
-152
SUB
179
LOC
-10
TPA
-35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54420
RPC
54521
CDS
55217
MCL
54385
LOC
42850
TPA
42462
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 JUL 83 (DAY 83.206)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

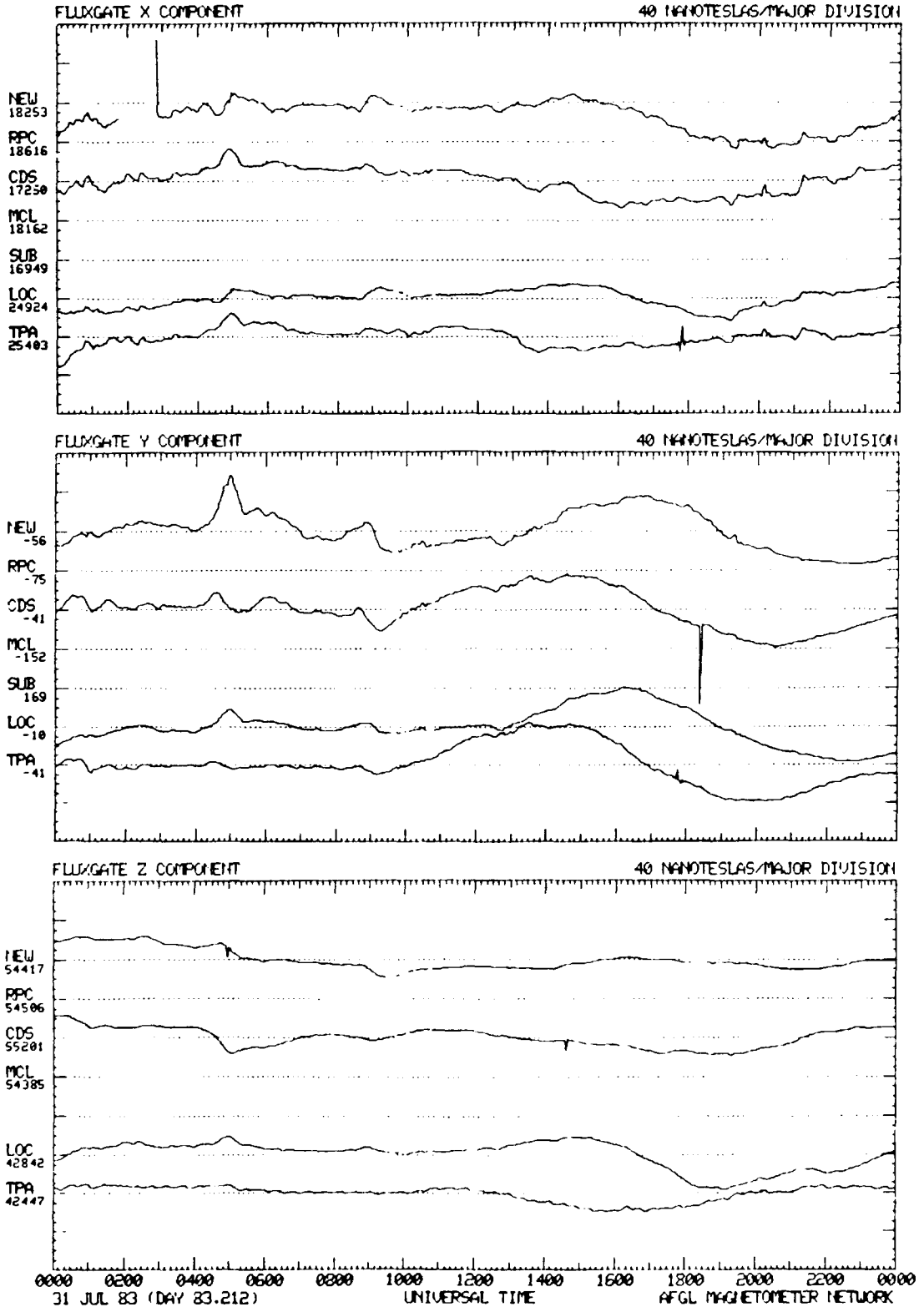

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18239
RPC
18612
CDS
17252
MCL
18162
SUB
16949
LOC
24924
TPA
25412
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-65
RPC
-83
CDS
-39
MCL
-152
SUB
174
LOC
-2
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54416
RPC
54518
CDS
55211
MCL
54385
LOC
42847
TPA
42453
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 JUL 83 (DAY 83.207)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

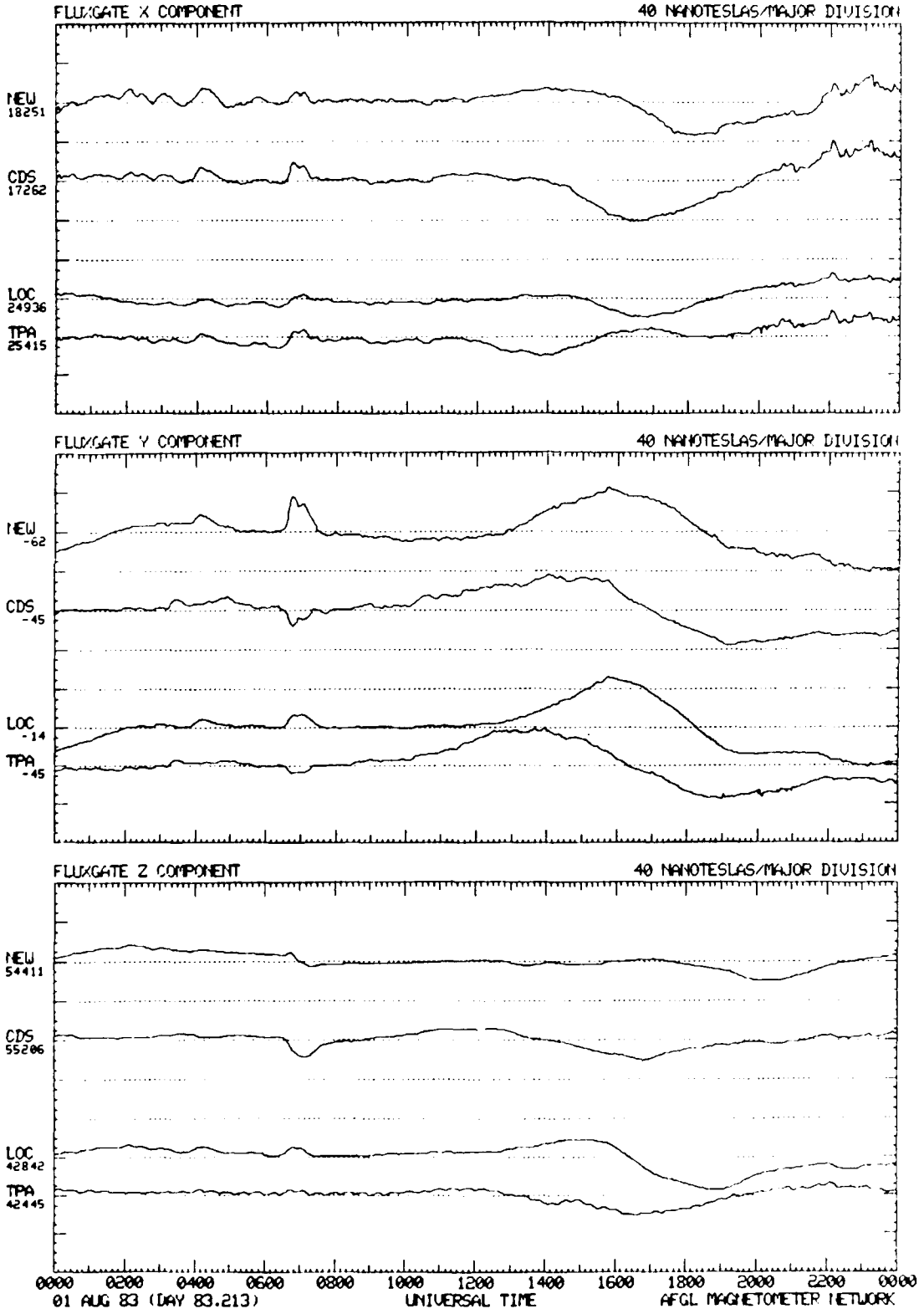

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18242
RPC
12614
CDS
17252
MCL
18162
SUB
16949
LOC
24932
TPA
25414
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-63
PPC
-88
CDS
-47
MCL
-152
SUB
179
LOC
-9
TPA
-44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54405
PPC
54508
CDS
55203
MCL
54385
LOC
4284
TPA
42452
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 JUL 83 (DAY 83.208)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

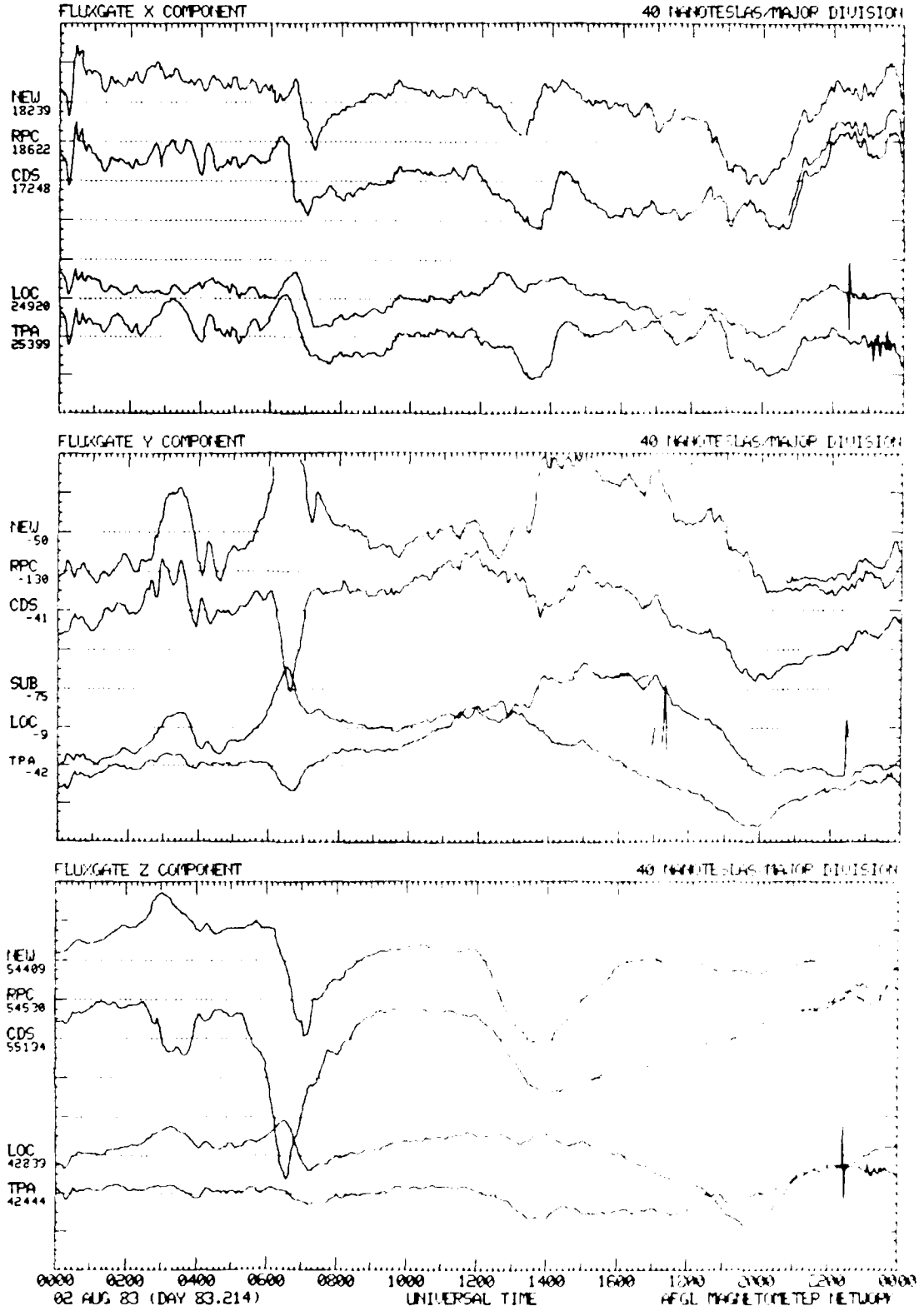

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18246
RPC
18620
CDS
17254
MCL
18162
SUB
16949
LOC
24934
TPA
25418
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-65
RPC
-87
CDS
-44
MCL
-152
SUB
179
LOC
-11
TPA
-42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54408
RPC
54512
CDS
55198
MCL
54385
LOC
42843
TPA
42449
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 JUL 83 (DAY 83.209)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

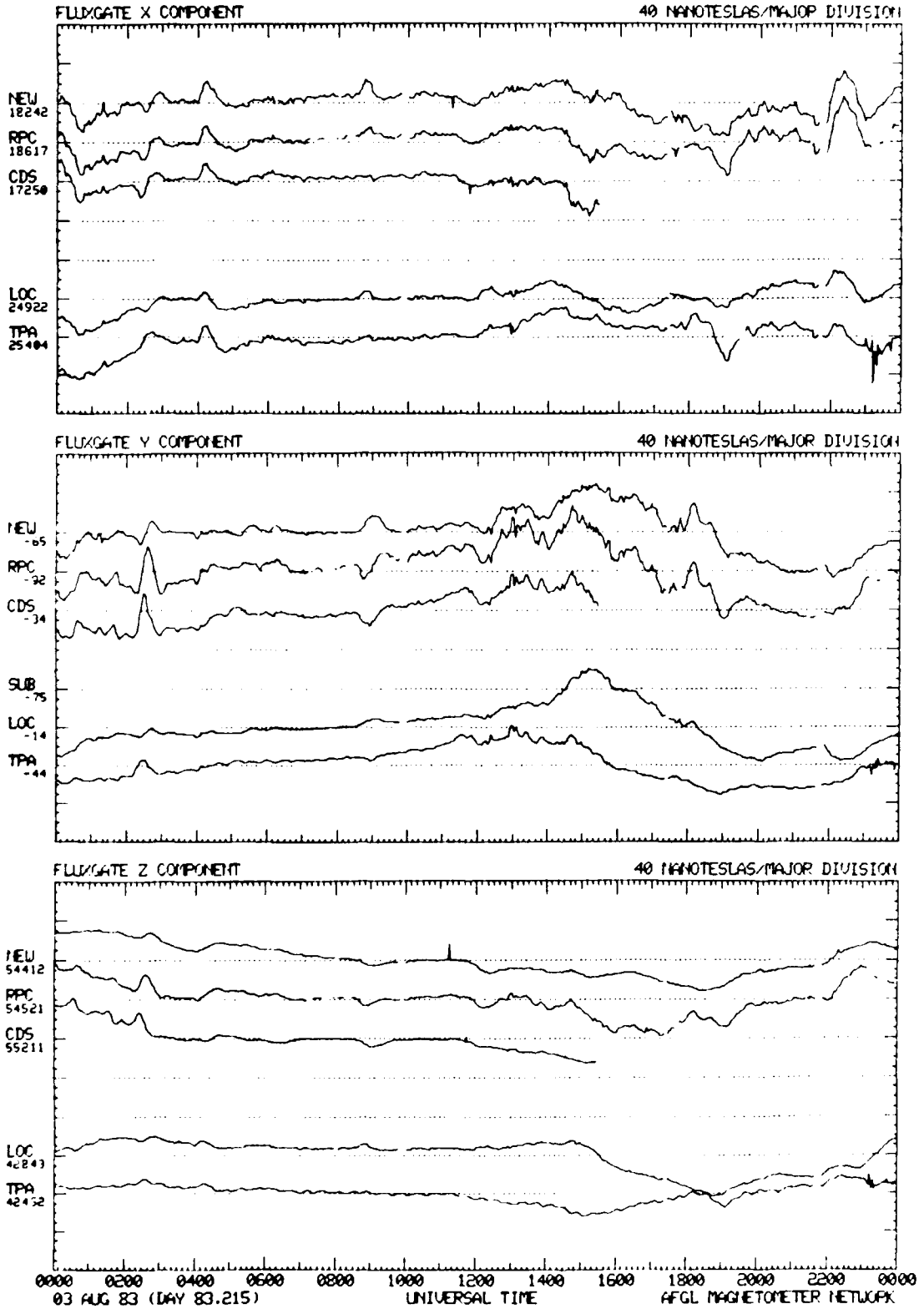

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18240
RPC
18616
CDS
17255
MCL
18162
SUB
16949
LOC
24926
TPA
25418
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-53
RPC
-75
CDS
-37
MCL
-152
SUB
169
LOC
-6
TPA
-43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54413
RPC
54506
CDS
55191
MCL
54385
LOC
42842
TPA
42449
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
29 JUL 83 (DAY 83.210)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

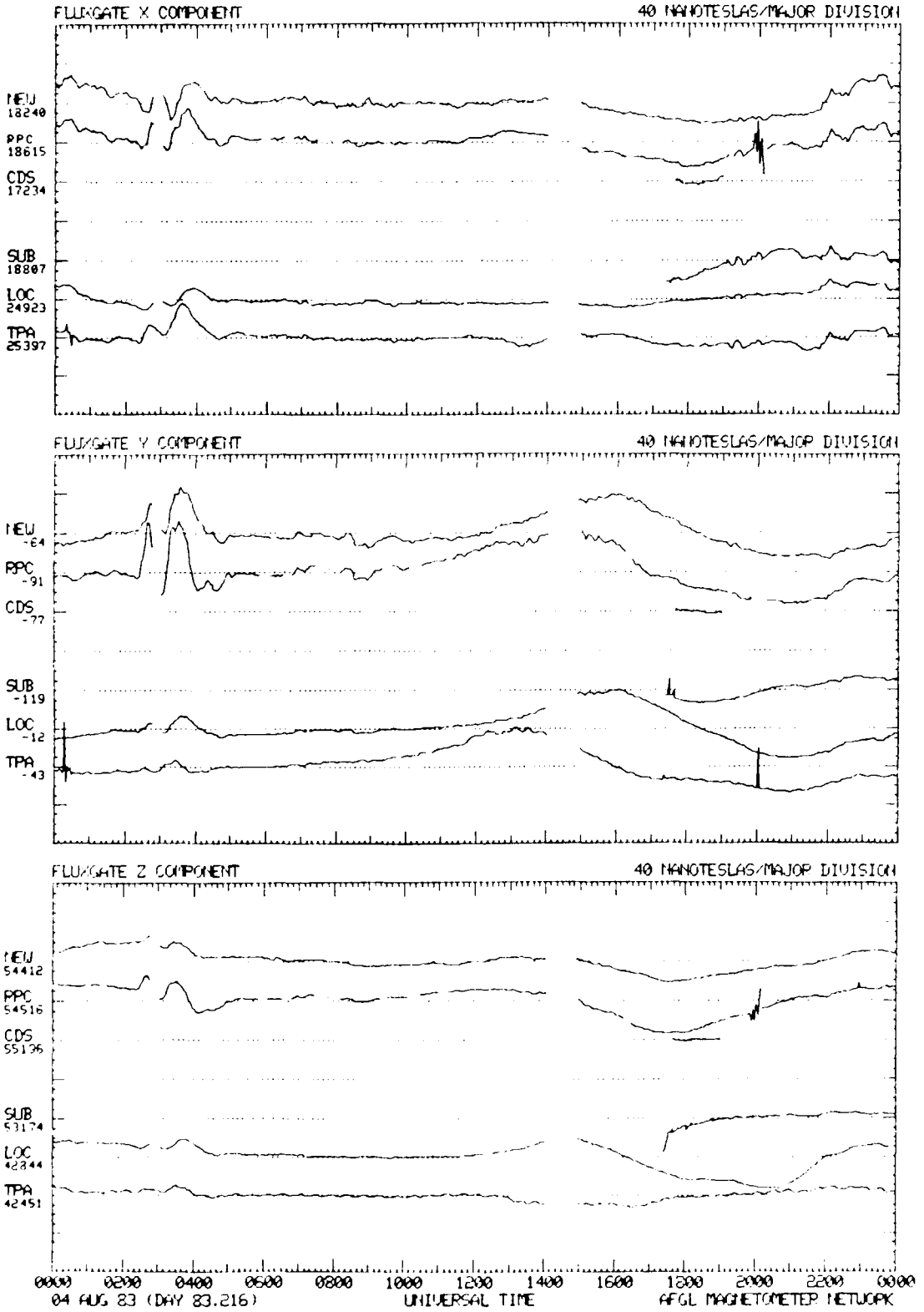

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18239
RPC
18616
CDS
17252
MCL
18162
SUB
16949
LOC
24926
TPA
25408
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-55
RPC
-75
CDS
-39
MCL
-152
SUB
169
LOC
-10
TPA
-42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54412
RPC
54506
CDS
55196
MCL
54385
LOC
42843
TPA
42448
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
30 JUL 83 (DAY 83.211)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

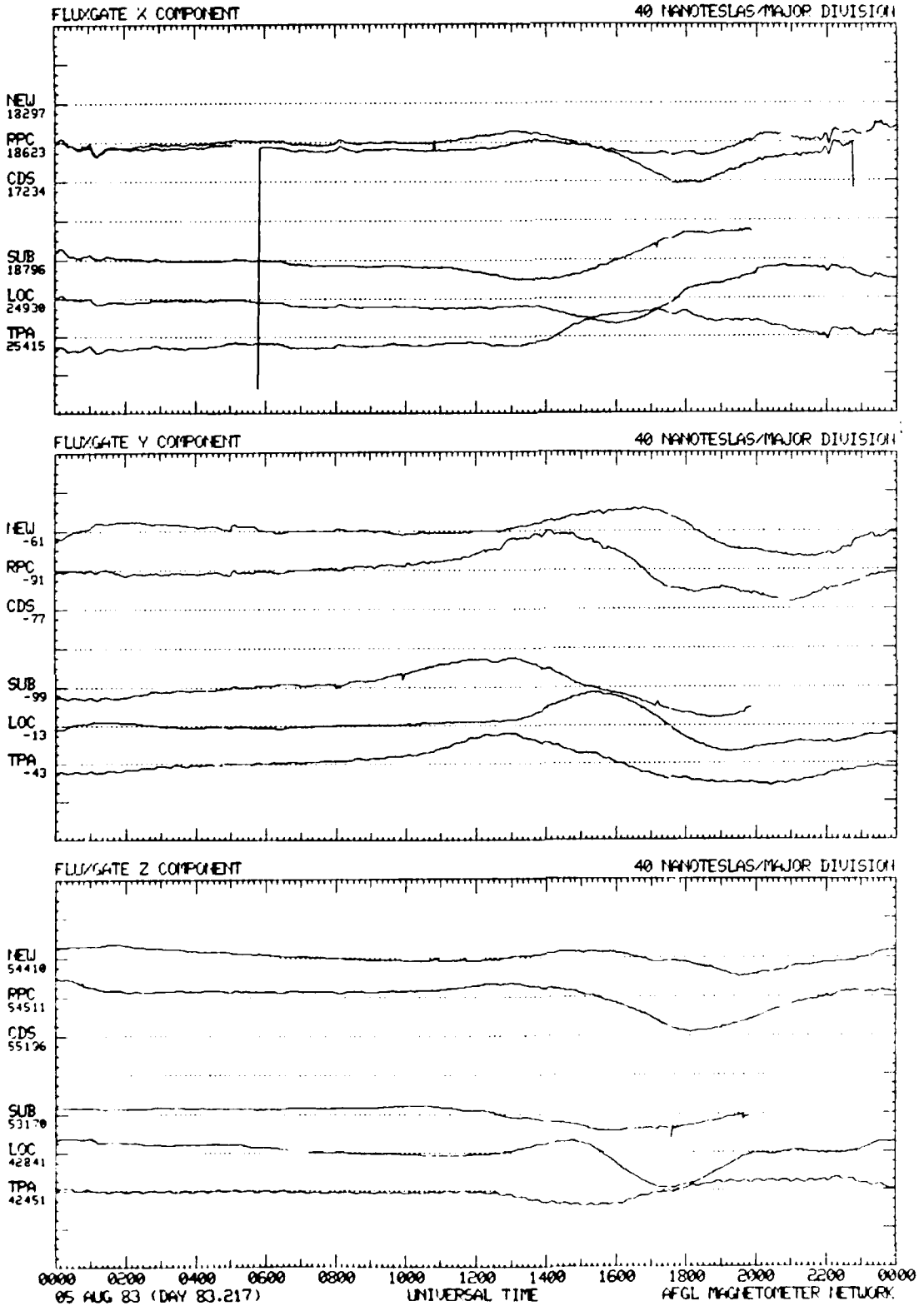

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18253
RPC 18616
CDS 17250
MCL 18162
SUB 16949
LOC 24924
TPA 25403
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -75
CDS -41
MCL -152
SUB 169
LOC -10
TPA -41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54417
RPC 54506
CDS 55201
MCL 54385
LOC 42842
TPA 42447
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
31 JUL 83 (DAY 83.212)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

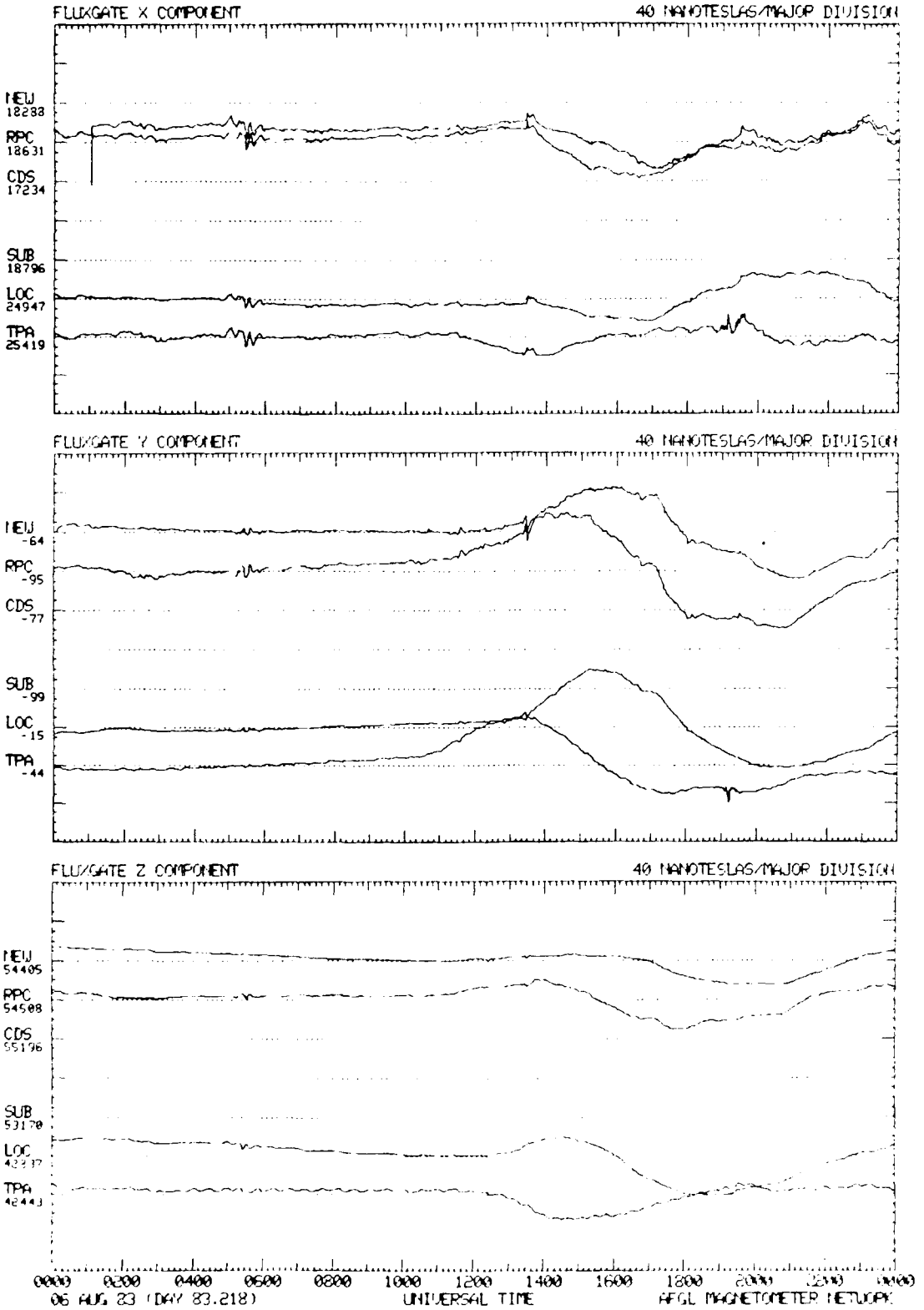

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18251
CDS
17262
LOC
24936
TPA
25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-62
CDS
-45
LOC
-14
TPA
-45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54411
CDS
55206
LOC
42842
TPA
42445
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 AUG 83 (DAY 83.213)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

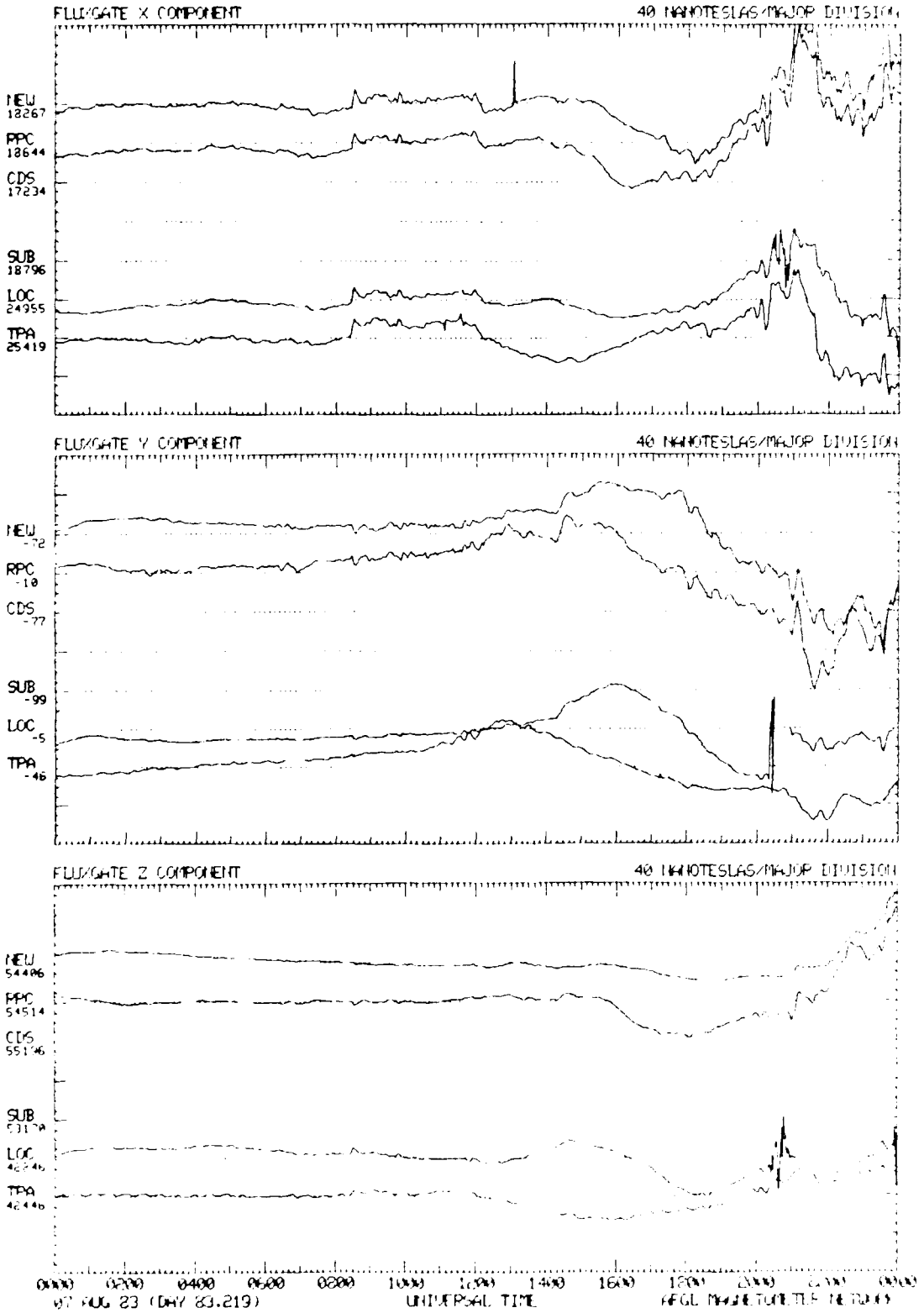

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18239
RPC
18622
CDS
17248
LOC
24920
TPA
25399
FLUXGATE Y COMPONENT
NEW
-50
RPC
-130
CDS
-41
SUB
-75
LOC
-9
TPA
-42
FLUXGATE Z COMPONENT
NEW
54409
RPC
54538
CDS
55134
LOC
42839
TPA
42444
0000
0200
0400
0600
0800
1000
1200
1400
1600
02 AUG 83 (DAY 83.214)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

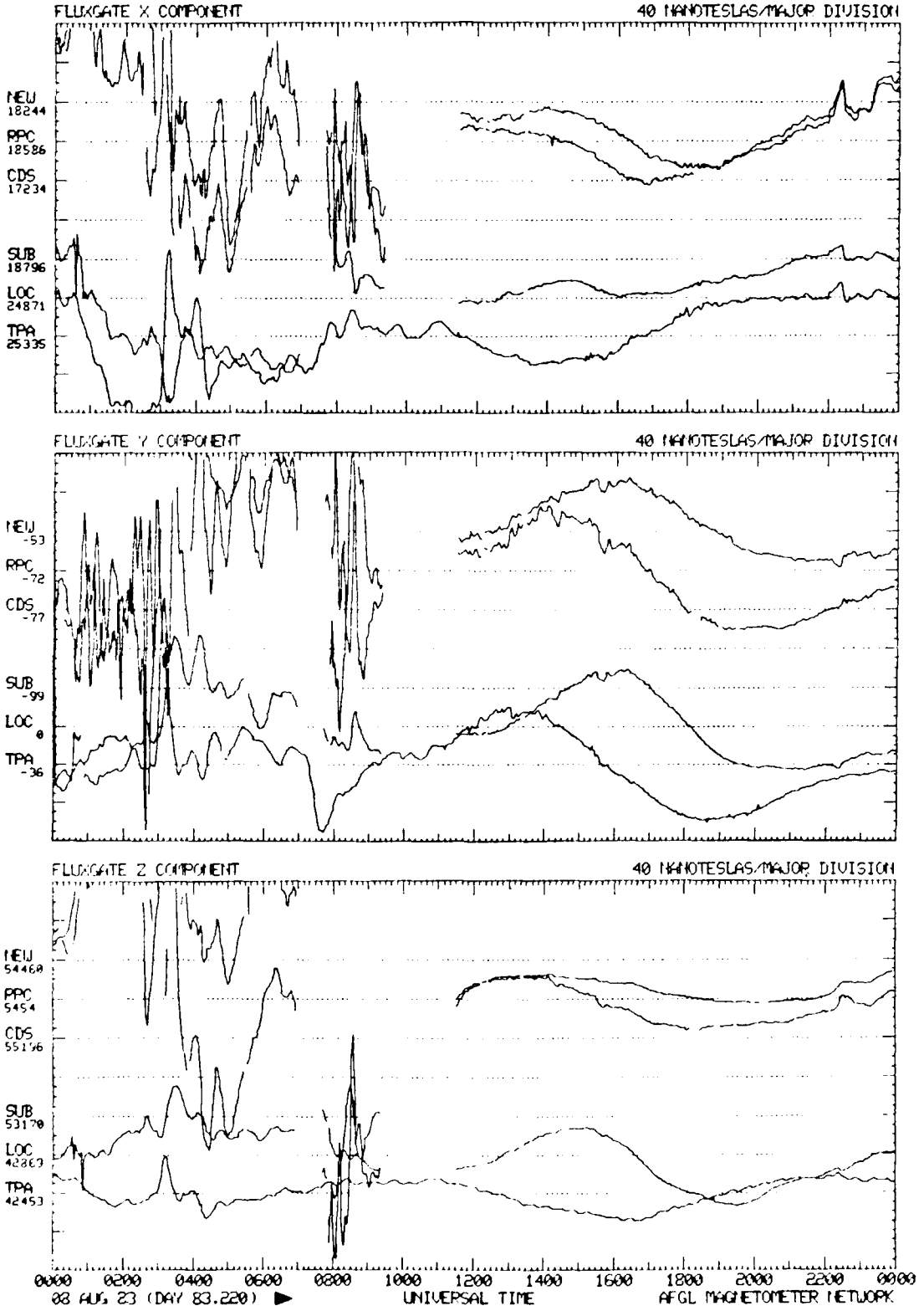

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18242
RPC
18617
CDS
17250
LOC
24922
TPA
25404
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-65
RPC
-32
CDS
-34
SUB
-75
LOC
-14
TPA
-44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54412
RPC
54521
CDS
55211
LOC
42843
TPA
42452
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 AUG 83 (DAY 83.215)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

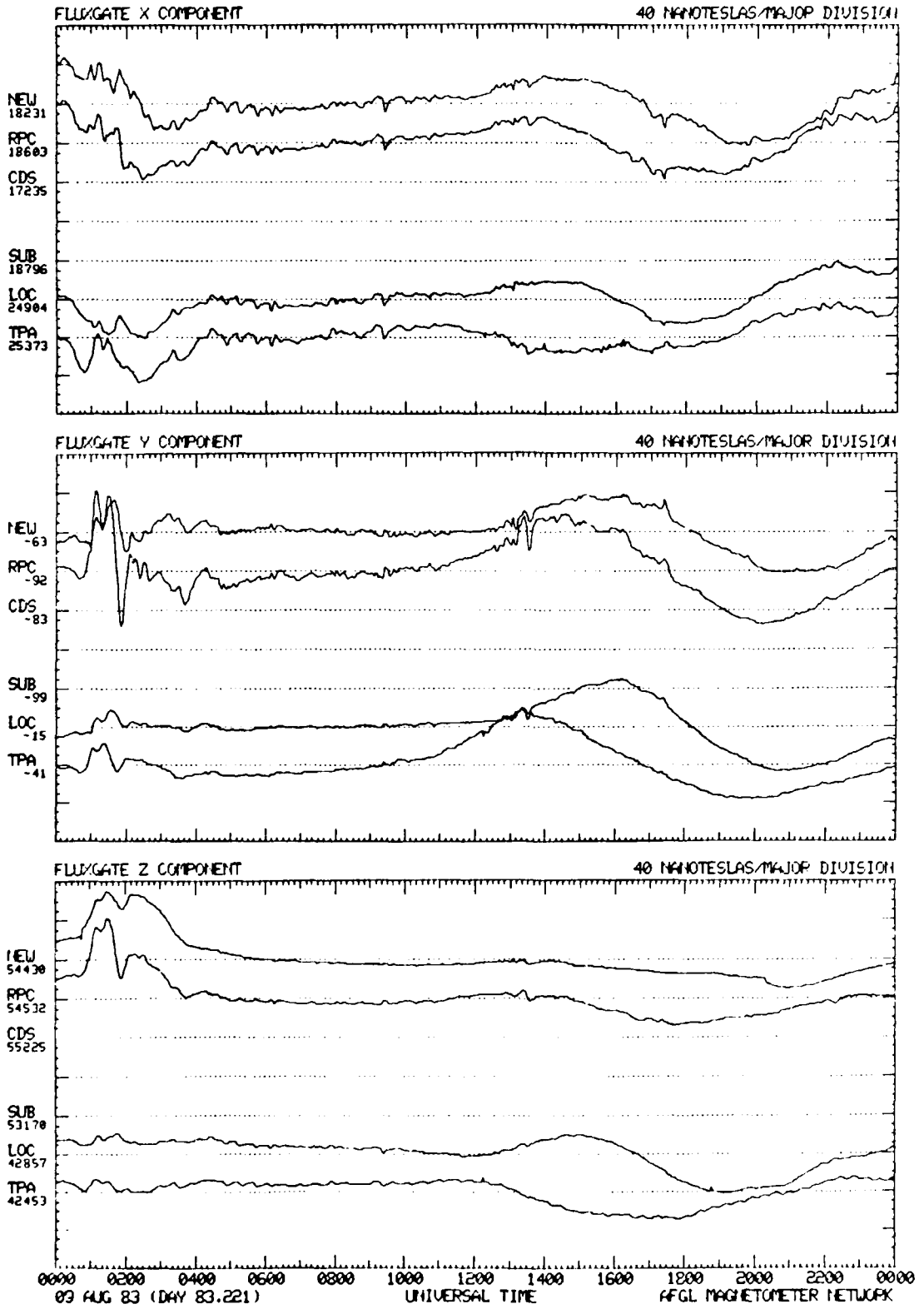

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18240
PPC
18615
CDS
17234
SUB
18807
LOC
24923
TPA
25397
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-64
PPC
-91
CDS
-77
SUB
-119
LOC
-12
TPA
-43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54412
PPC
54516
CDS
55136
SUB
53174
LOC
42844
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 AUG 83 (DAY 83.216)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

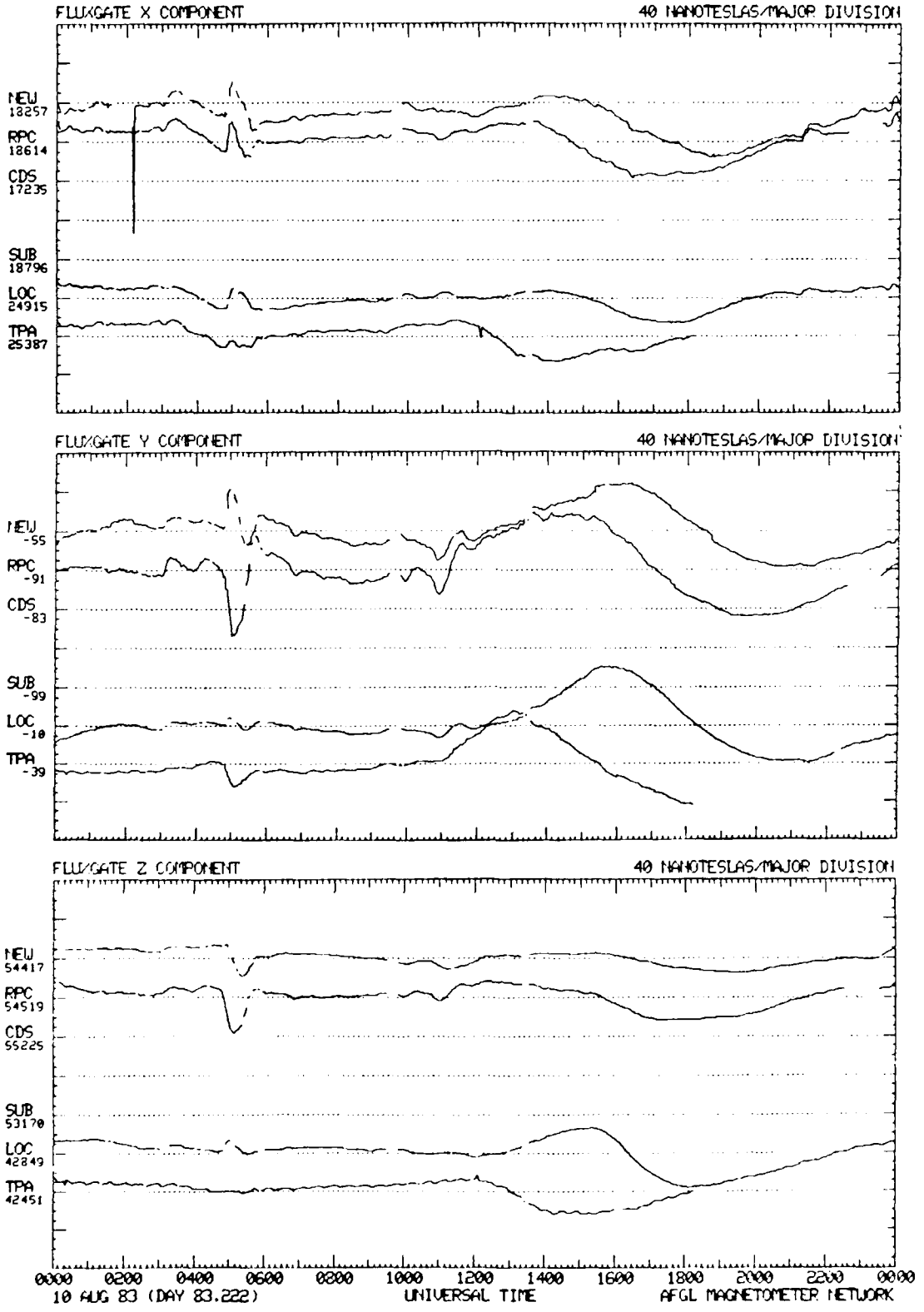

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18297
RPC
18623
CDS
17234
SUB
18796
LOC
24930
TPA
25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-61
RPC
-91
CDS
-77
SUB
-99
LOC
-13
TPA
-43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54410
RPC
54511
CDS
55196
SUB
53170
LOC
42841
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 AUG 83 (DAY 83.217)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

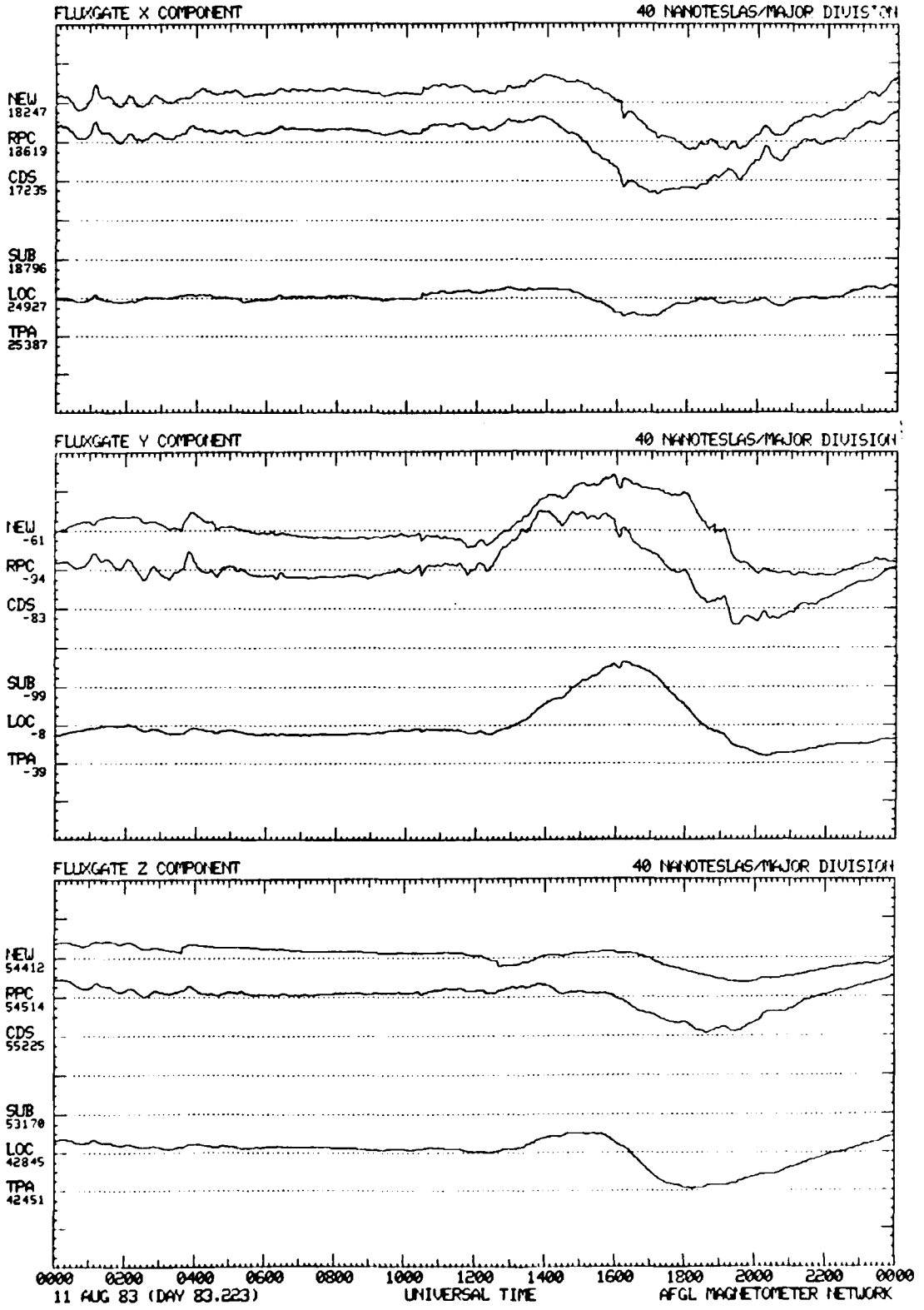

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18288
RPC
18631
CDS
17234
SUB
18796
LOC
24947
TPA
25419
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-64
RPC
-95
CDS
-77
SUB
-99
LOC
-15
TPA
-44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54405
RPC
54508
CDS
55196
SUB
53170
LOC
42417
TPA
42443
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
2400
06 AUG 83 (DAY 83.218)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

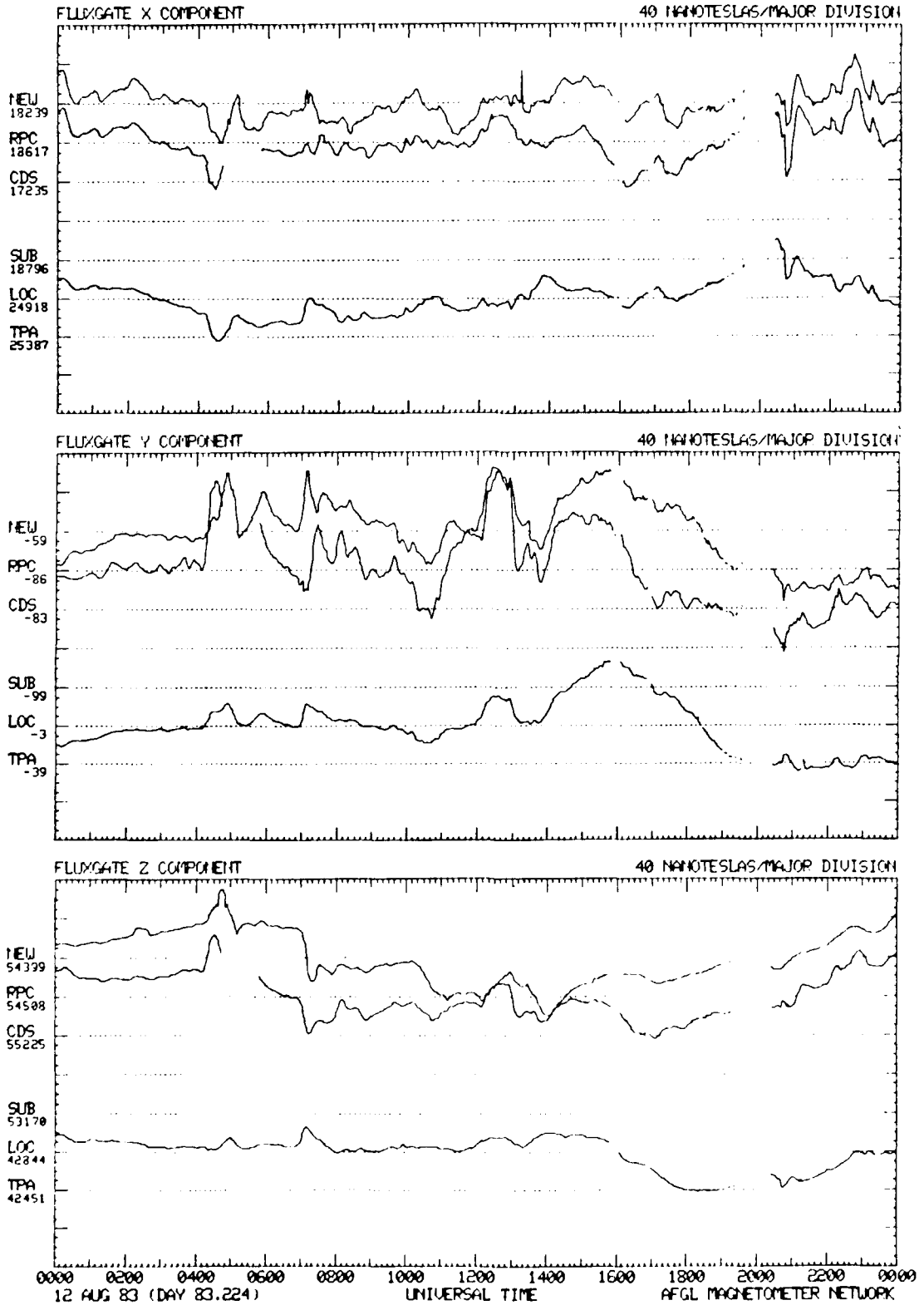

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18267
RPC
18644
CDS
17234
SUB
18796
LOC
24955
TPA
25419
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-72
RPC
-10
CDS
-77
SUB
-99
LOC
-5
TPA
-46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54496
RPC
54514
CDS
55196
SUB
LOC
42946
TPA
42446
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
07 AUG 23 (DAY 83.219)
UNIVERSAL TIME

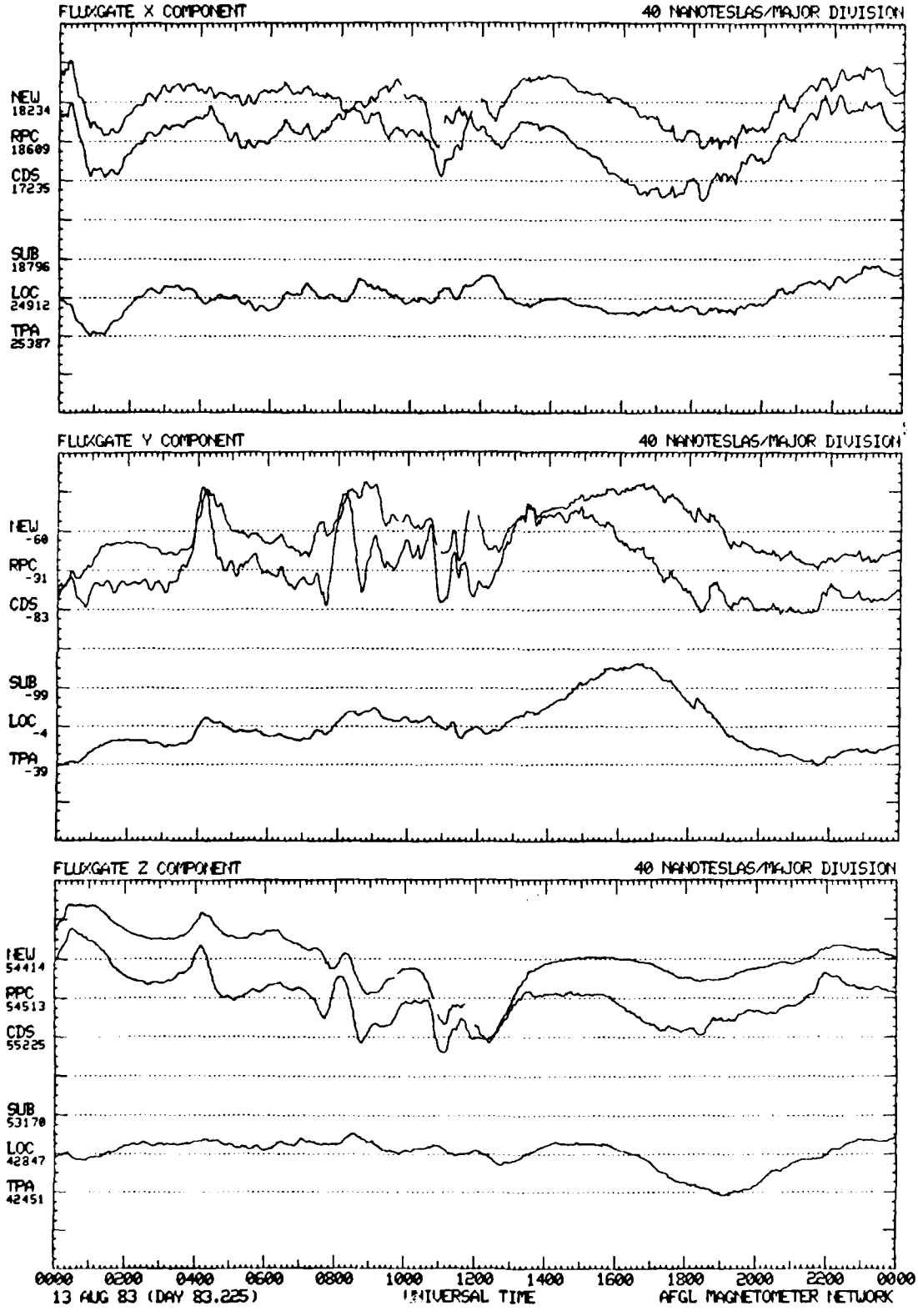

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18244
PPC
18586
CDS
17234
SUB
18796
LOC
24871
TPA
25335
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-53
PPC
-72
CDS
-77
SUB
-99
LOC
0
TPA
-36
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54460
PPC
5454
CDS
55196
SUB
53170
LOC
42863
TPA
42453
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
88 AUG 23 (DAY 83.220)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

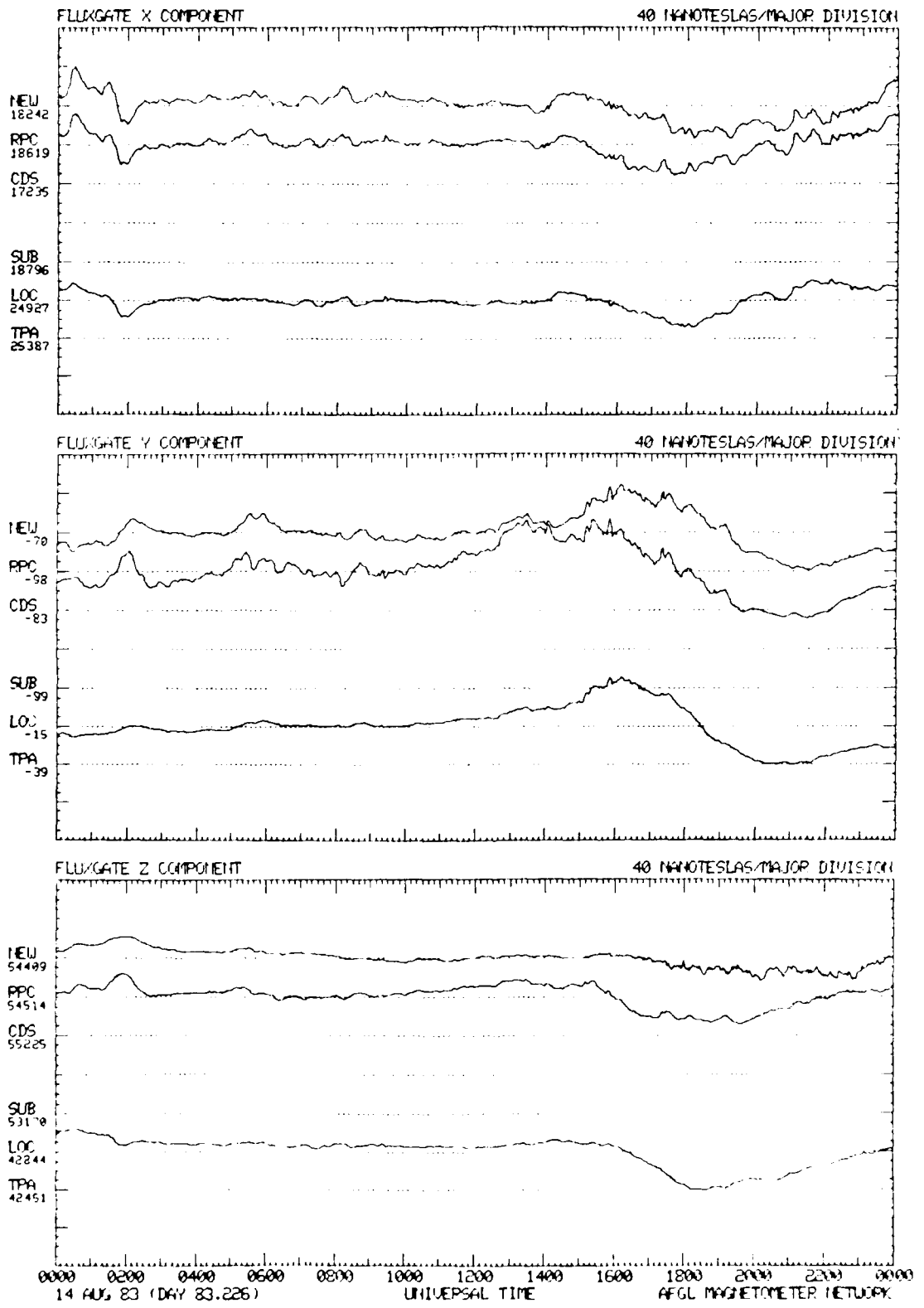

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18231
RPC
18603
CDS
17235
SUB
18796
LOC
24904
TPA
25373
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-63
RPC
-92
CDS
-83
SUB
-99
LOC
-15
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54430
RPC
54532
CDS
55225
SUB
53170
LOC
42857
TPA
42453
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 AUG 83 (DAY 83.221)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

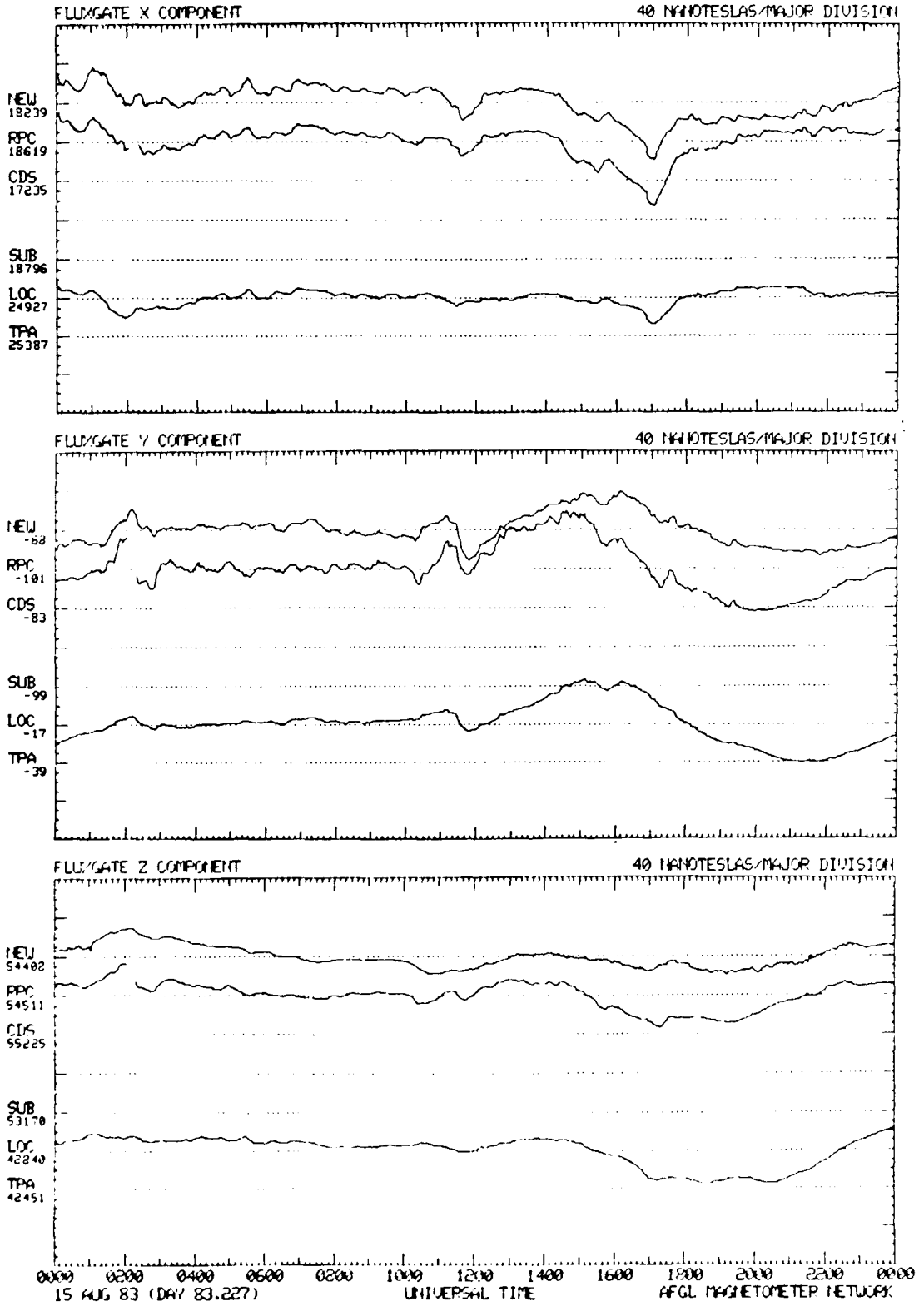

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18257
RPC
18614
CDS
17235
SUB
18796
LOC
24915
TPA
25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-55
RPC
-91
CDS
-83
SUB
-99
LOC
-10
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54417
RPC
54519
CDS
55225
SUB
53170
LOC
42849
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 AUG 83 (DAY 83.222)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

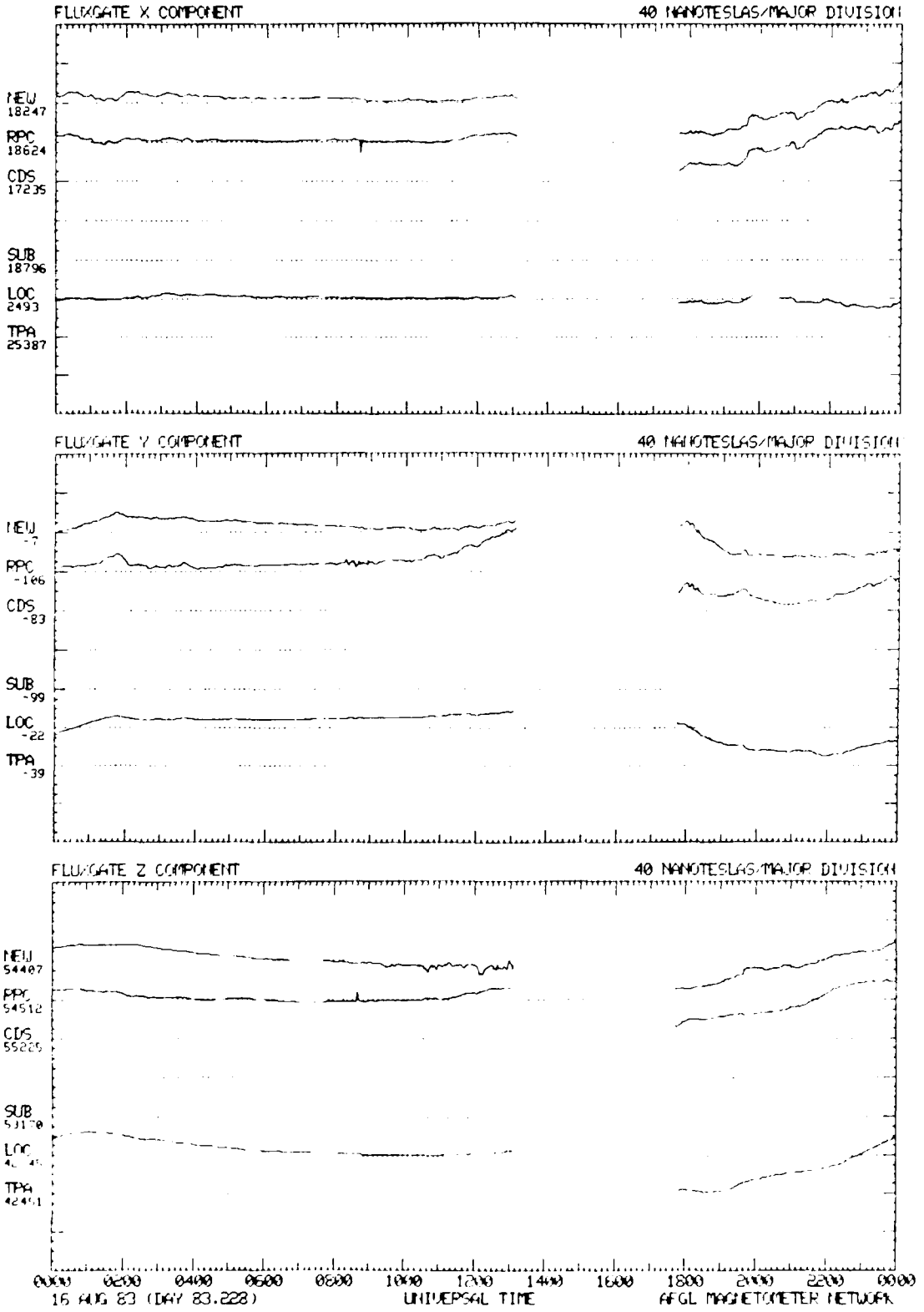

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18247
RPC
18619
CDS
17235
SUB
18796
LOC
24927
TPA
25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-61
RPC
-94
CDS
-83
SUB
-99
LOC
-8
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54412
RPC
54514
CDS
55225
SUB
53170
LOC
42845
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 AUG 83 (DAY 83.223)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

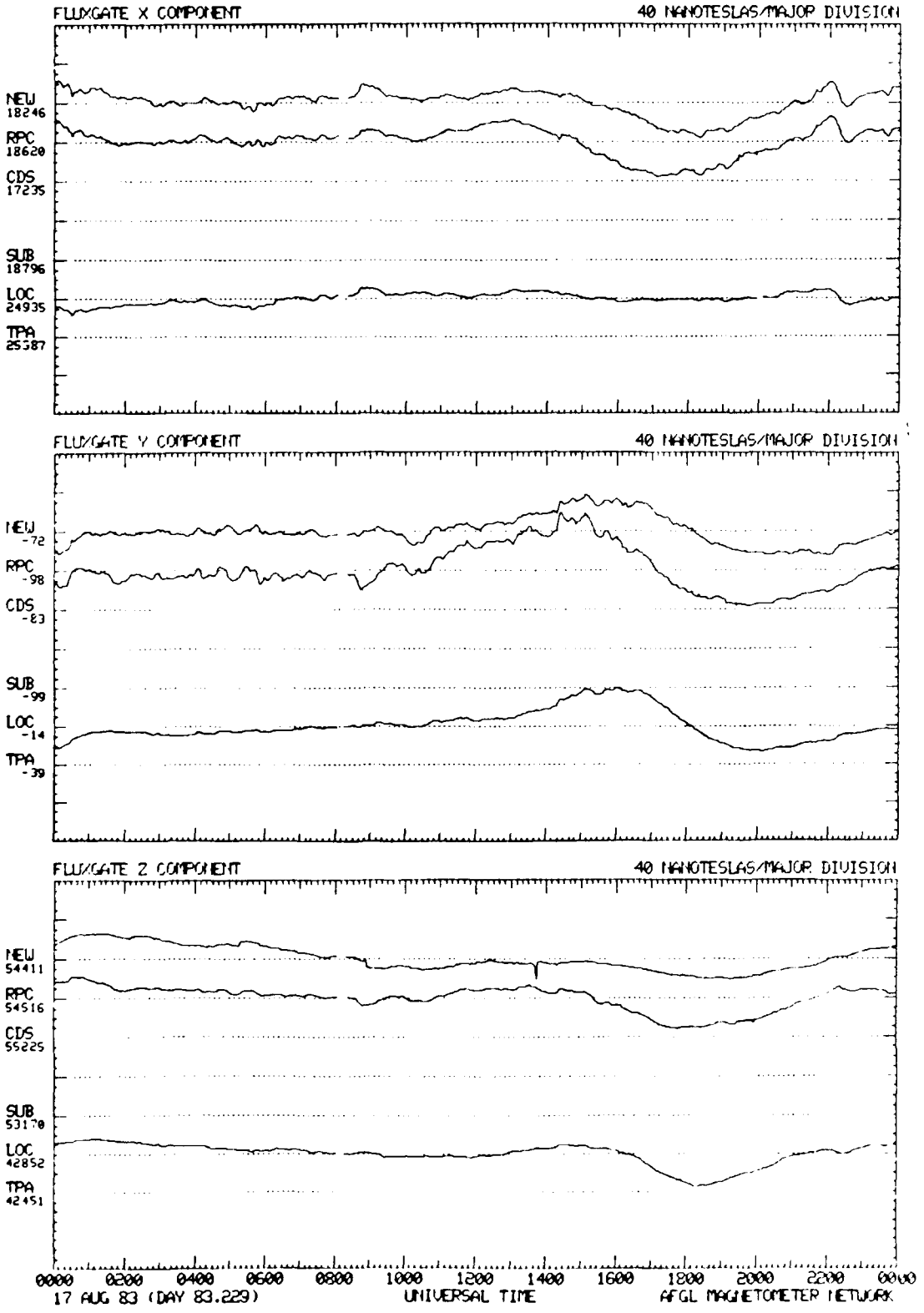

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18239
RPC
18617
CDS
17235
SUB
18796
LOC
24918
TPA
25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-59
RPC
-86
CDS
-83
SUB
-99
LOC
-3
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54399
RPC
54508
CDS
55225
SUB
53170
LOC
42844
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 AUG 83 (DAY 83.224)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

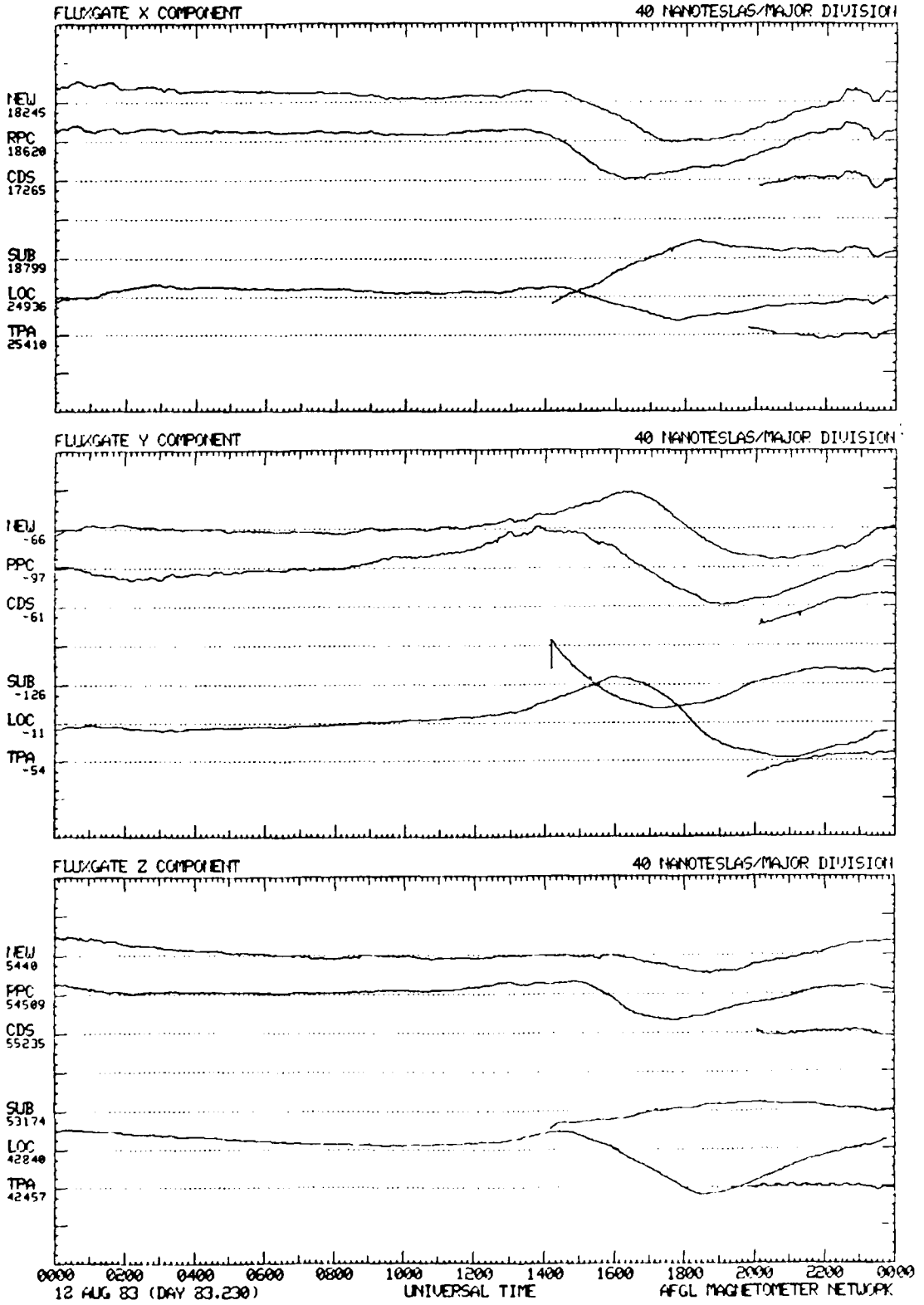

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18234
RPC
18609
CDS
17235
SUB
18796
LOC
24912
TPA
25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-60
RPC
-91
CDS
-83
SUB
-99
LOC
-4
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54414
RPC
54513
CDS
55225
SUB
53170
LOC
42847
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 AUG 83 (DAY 83.225)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

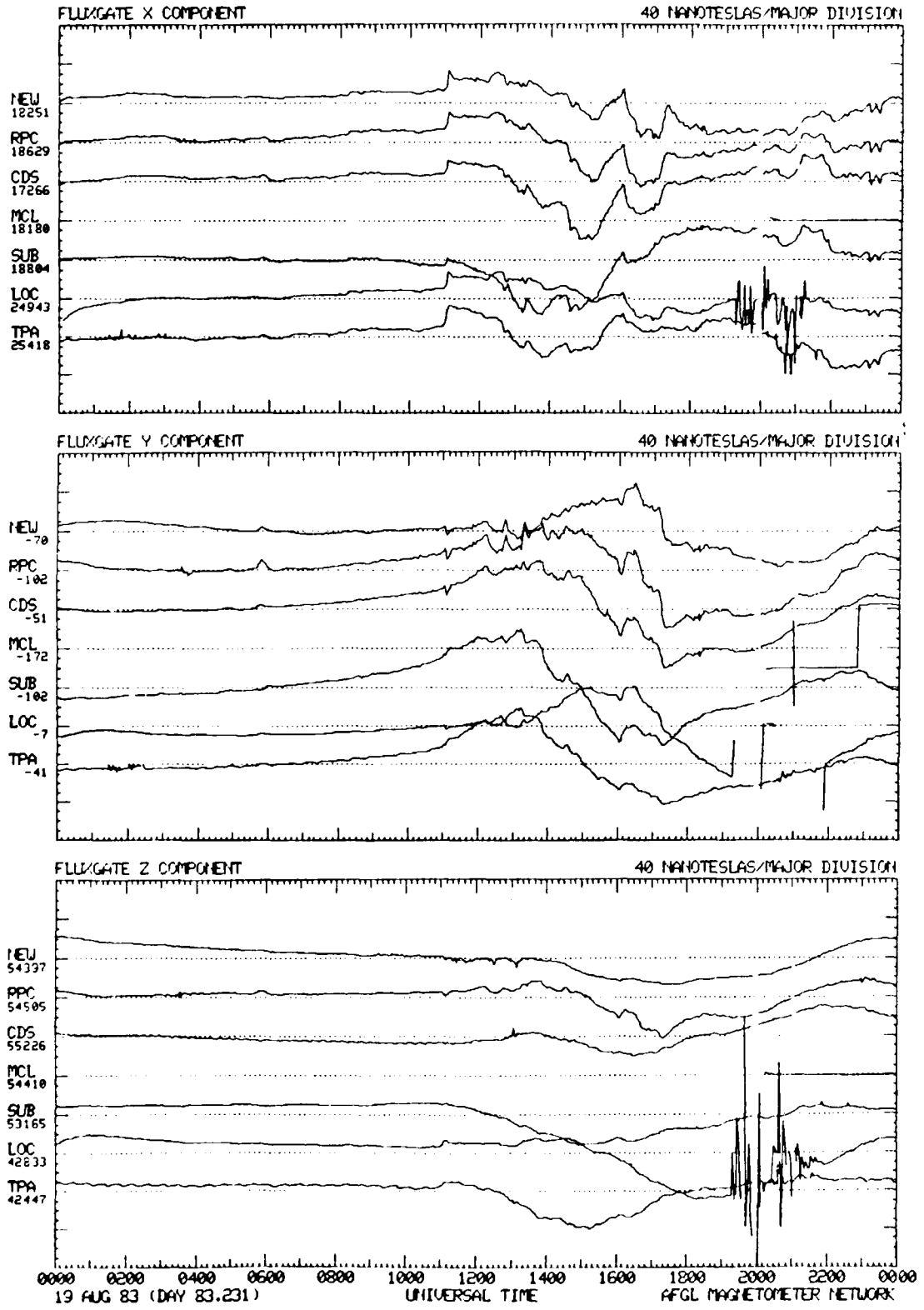

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18242
RPC
18619
CDS
17235
SUB
18796
LOC
24927
TPA
25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-70
RPC
-98
CDS
-83
SUB
-99
LOC
-15
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54409
RPC
54514
CDS
55225
SUB
53170
LOC
42844
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 AUG 83 (DAY 83.226)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

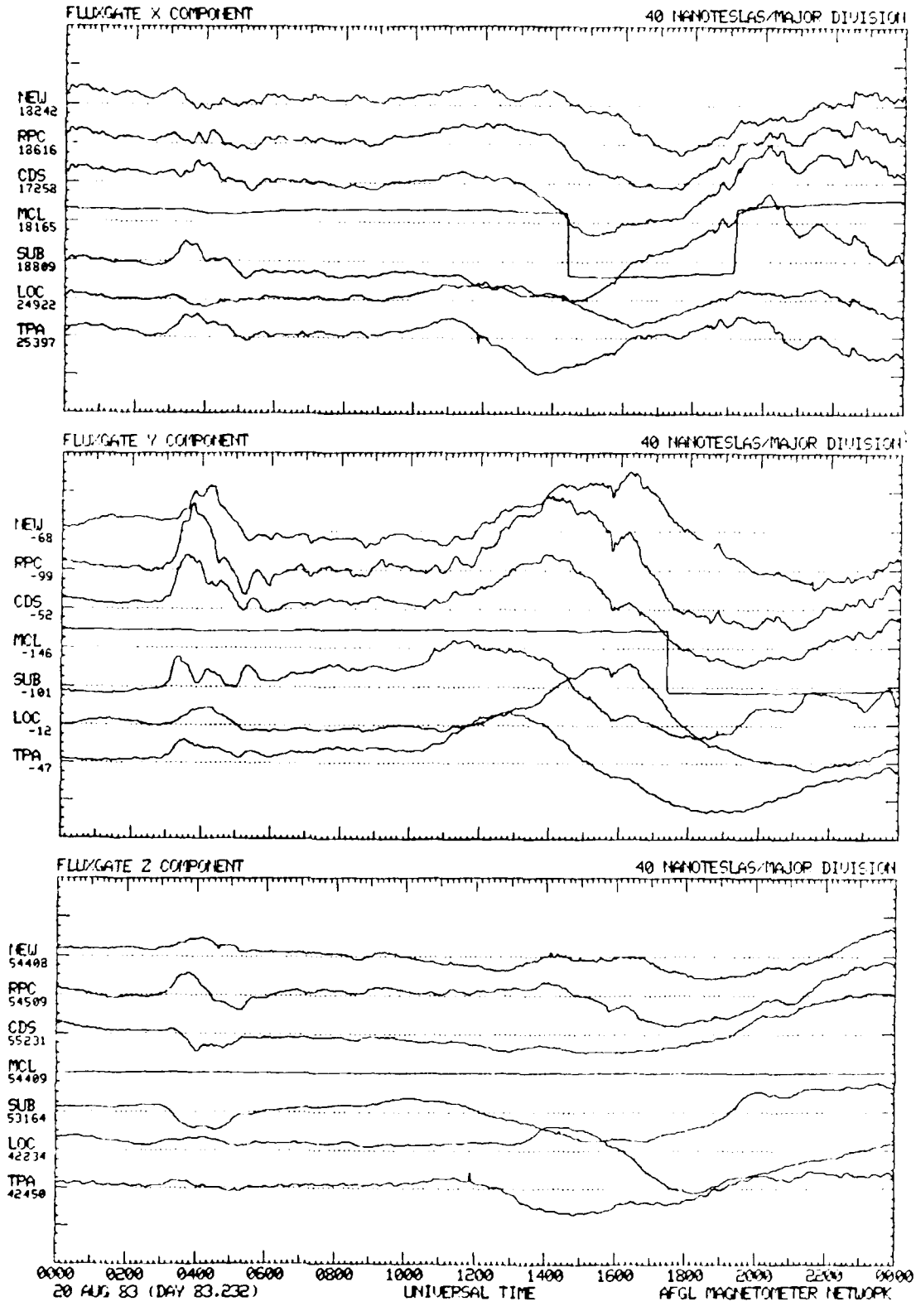

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18239
RPC
18619
CDS
17235
SUB
18796
LOC
24927
TPA
25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-68
RPC
-101
CDS
-83
SUB
-99
LOC
-17
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54402
RPC
54511
CDS
55225
SUB
53170
LOC
42840
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 AUG 83 (DAY 83.227)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

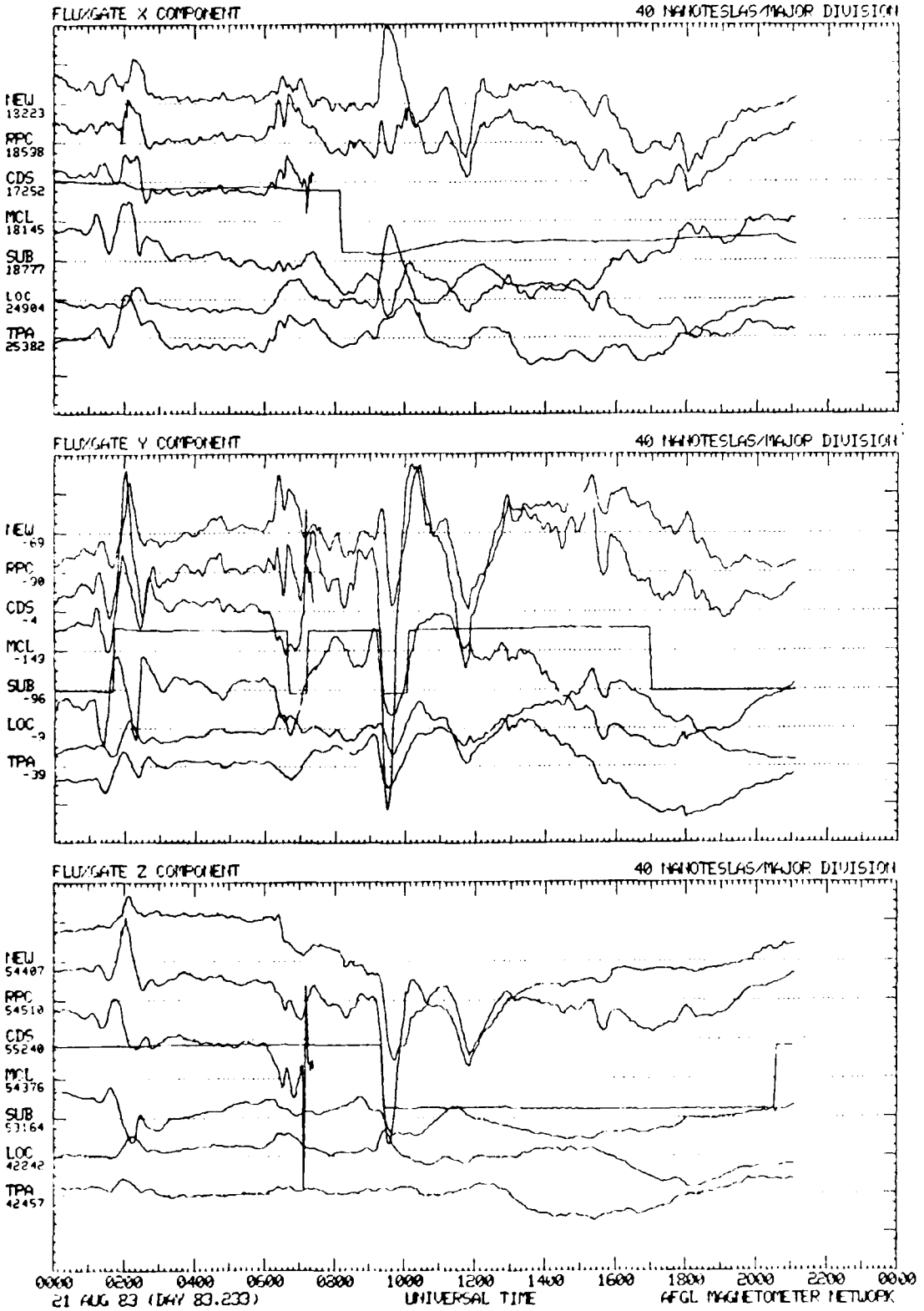

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18247
RPC
18624
CDS
17235
SUB
18796
LOC
2493
TPA
25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-7
RPC
-106
CDS
-83
SUB
-99
LOC
-22
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54407
RPC
54512
CDS
55225
SUB
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 AUG 83 (DAY 83.228)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

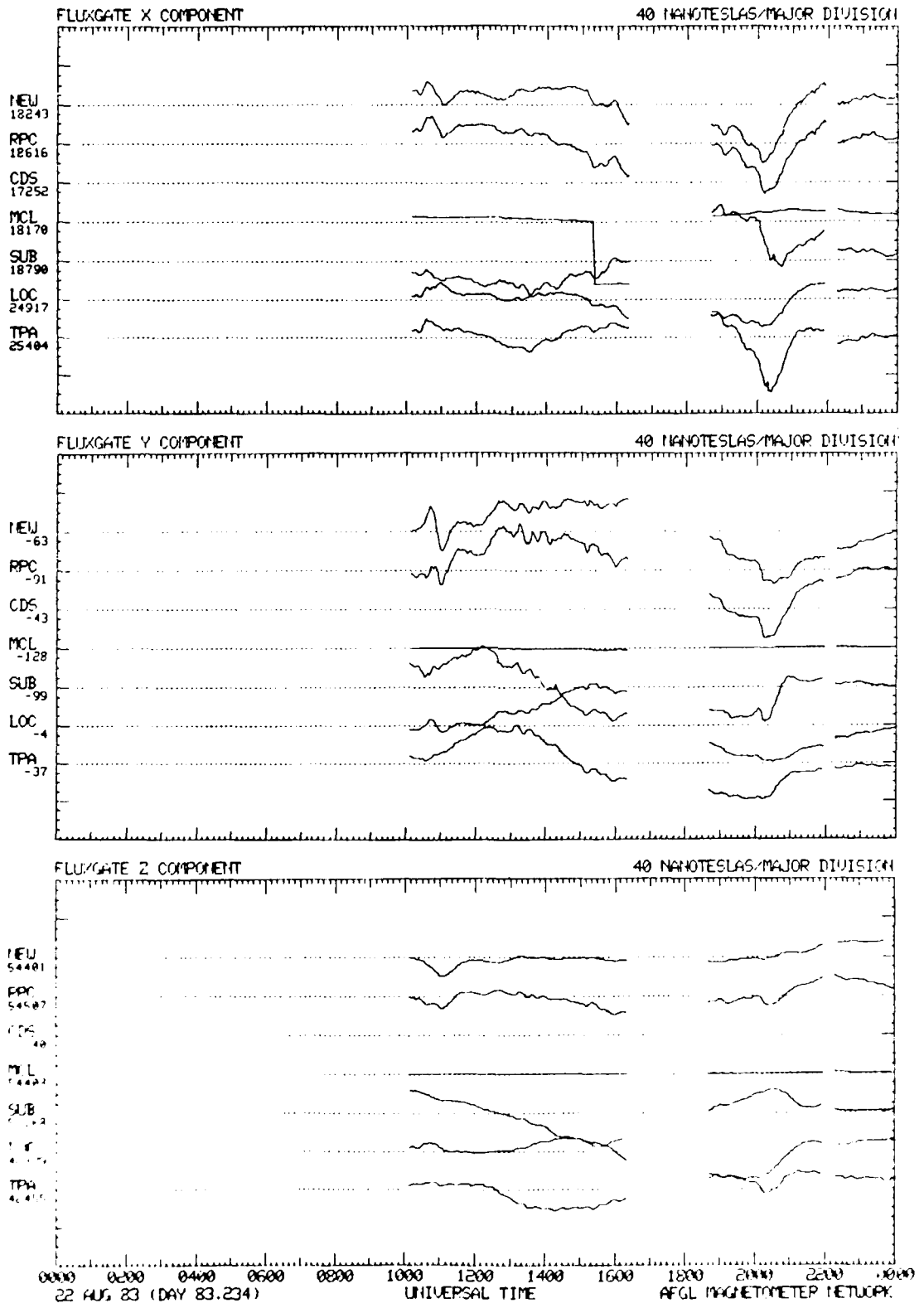

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18246
RPC
18620
CDS
17235
SUB
18796
LOC
24935
TPA
25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-72
RPC
-98
CDS
-83
SUB
-99
LOC
-14
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54411
RPC
54516
CDS
55225
SUB
53170
LOC
42852
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 AUG 83 (DAY 83.229)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

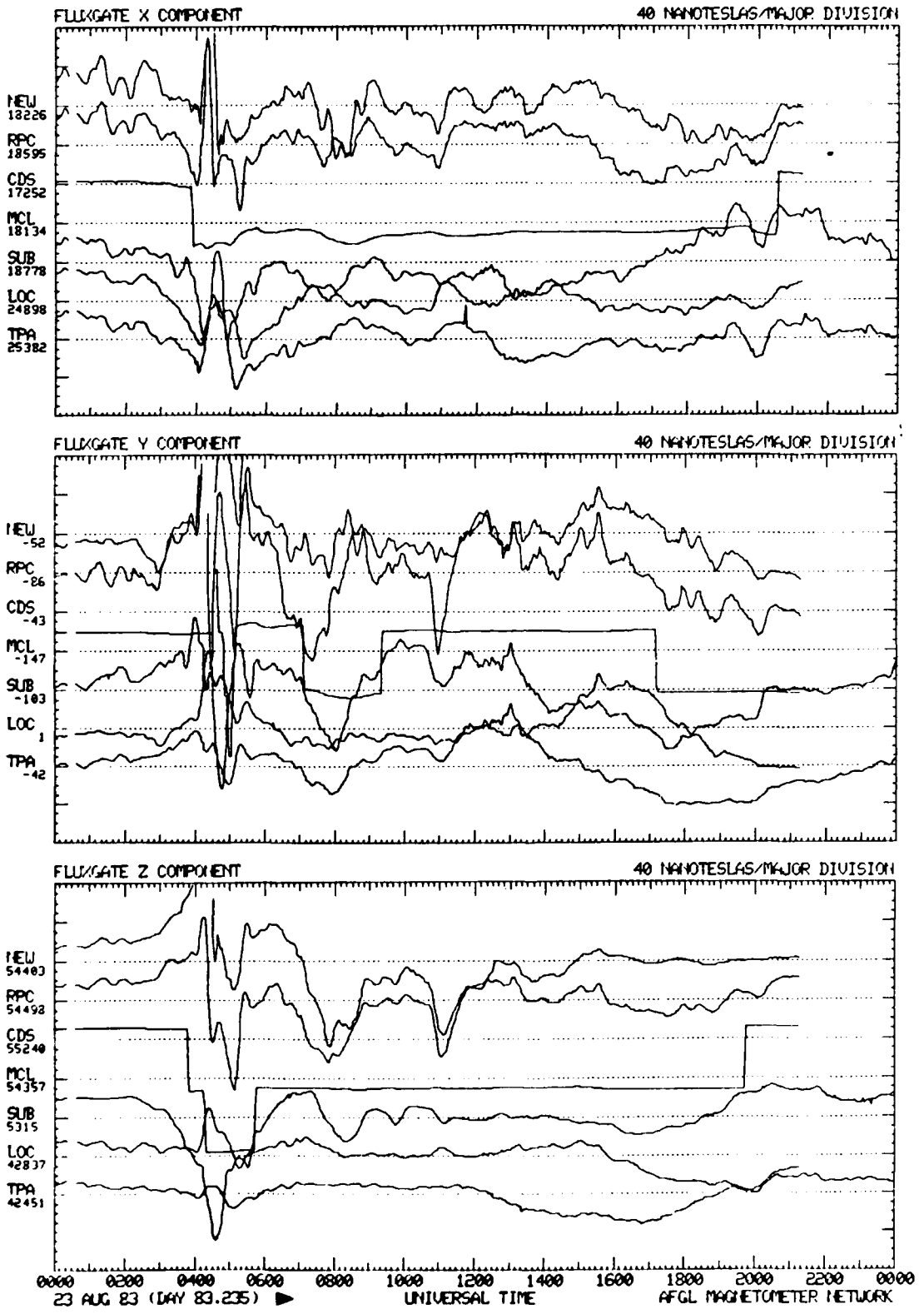

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18245
RPC
18620
CDS
17265
SUB
18799
LOC
24936
TPA
25410
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-66
PPC
-97
CDS
-61
SUB
-126
LOC
-11
TPA
-54
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54408
PPC
54509
CDS
55235
SUB
53174
LOC
42840
TPA
42457
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 AUG 83 (DAY 83.230)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

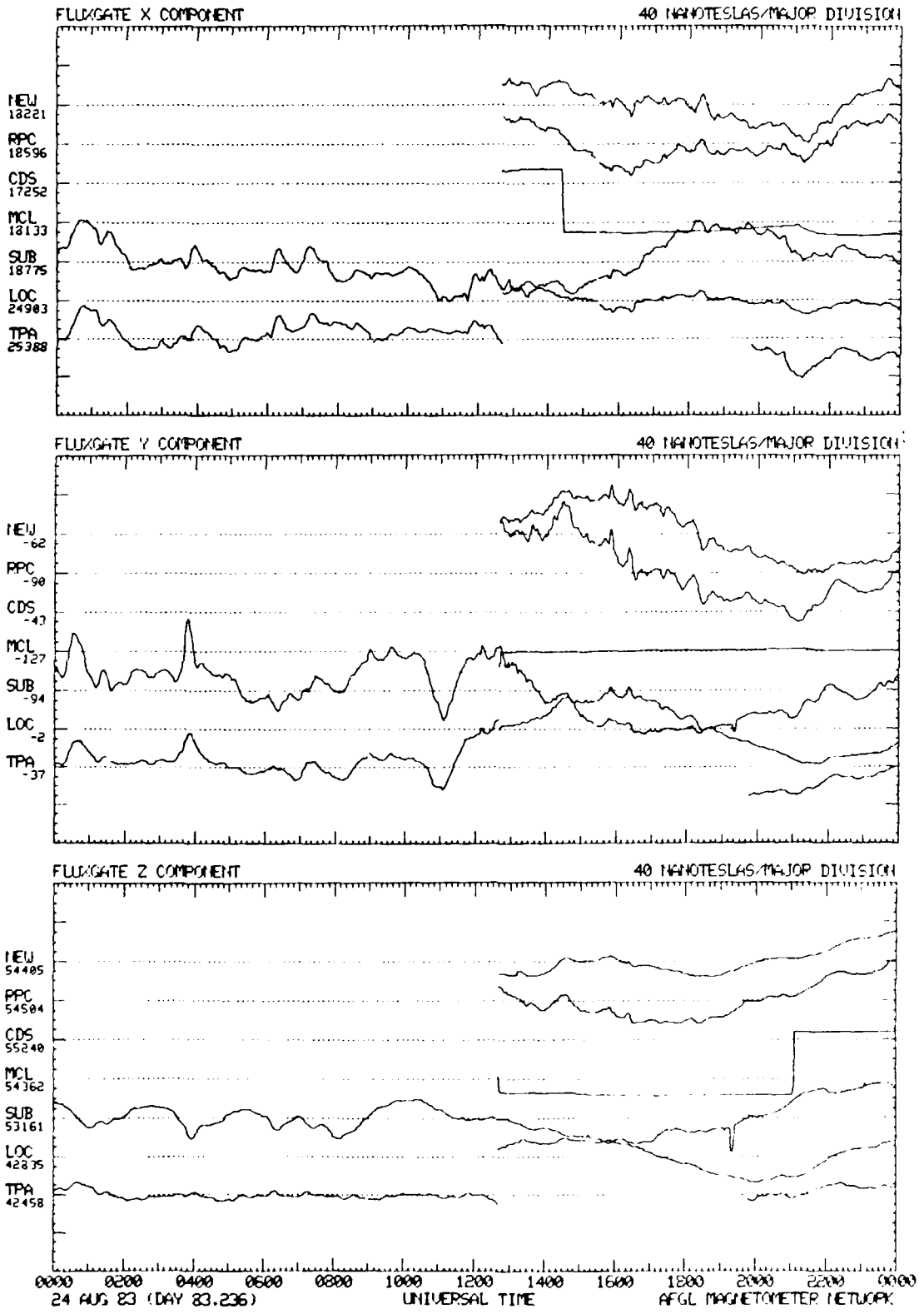

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18251
RPC 18629
CDS 17266
MCL 18180
SUB 18804
LOC 24943
TPA 25418
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -70
RPC -102
CDS -51
MCL -172
SUB -102
LOC -7
TPA -41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54397
RPC 54505
CDS 55226
MCL 54410
SUB 53165
LOC 42833
TPA 42447
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 AUG 83 (DAY 83.231)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

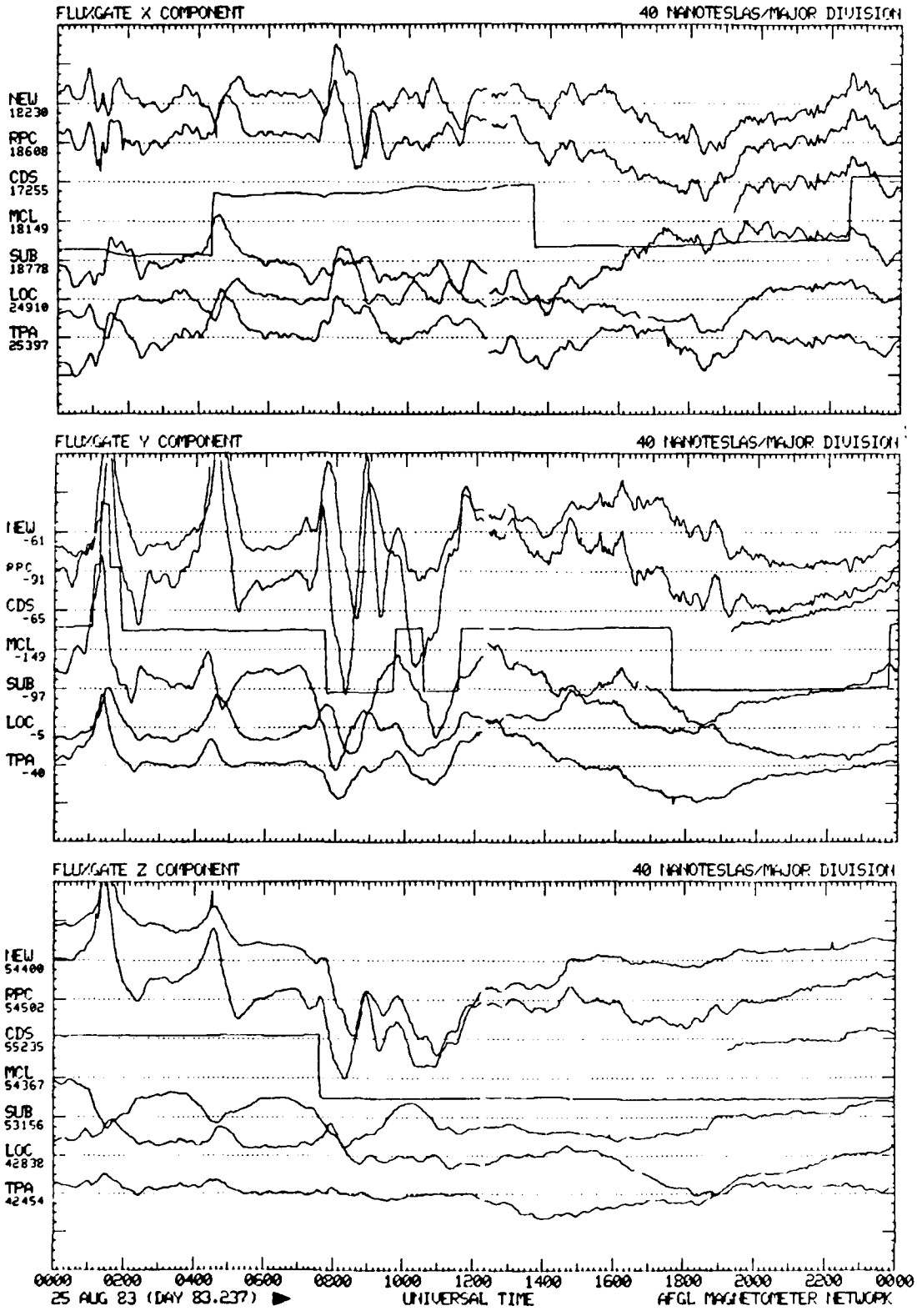

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18242
RPC 18616
CDS 17258
MCL 18165
SUB 18809
LOC 24922
TPA 25397
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -68
RPC -99
CDS -52
MCL -146
SUB -101
LOC -12
TPA -47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54408
RPC 54509
CDS 55231
MCL 54409
SUB 53164
LOC 42234
TPA 42450
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 AUG 83 (DAY 83.232)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

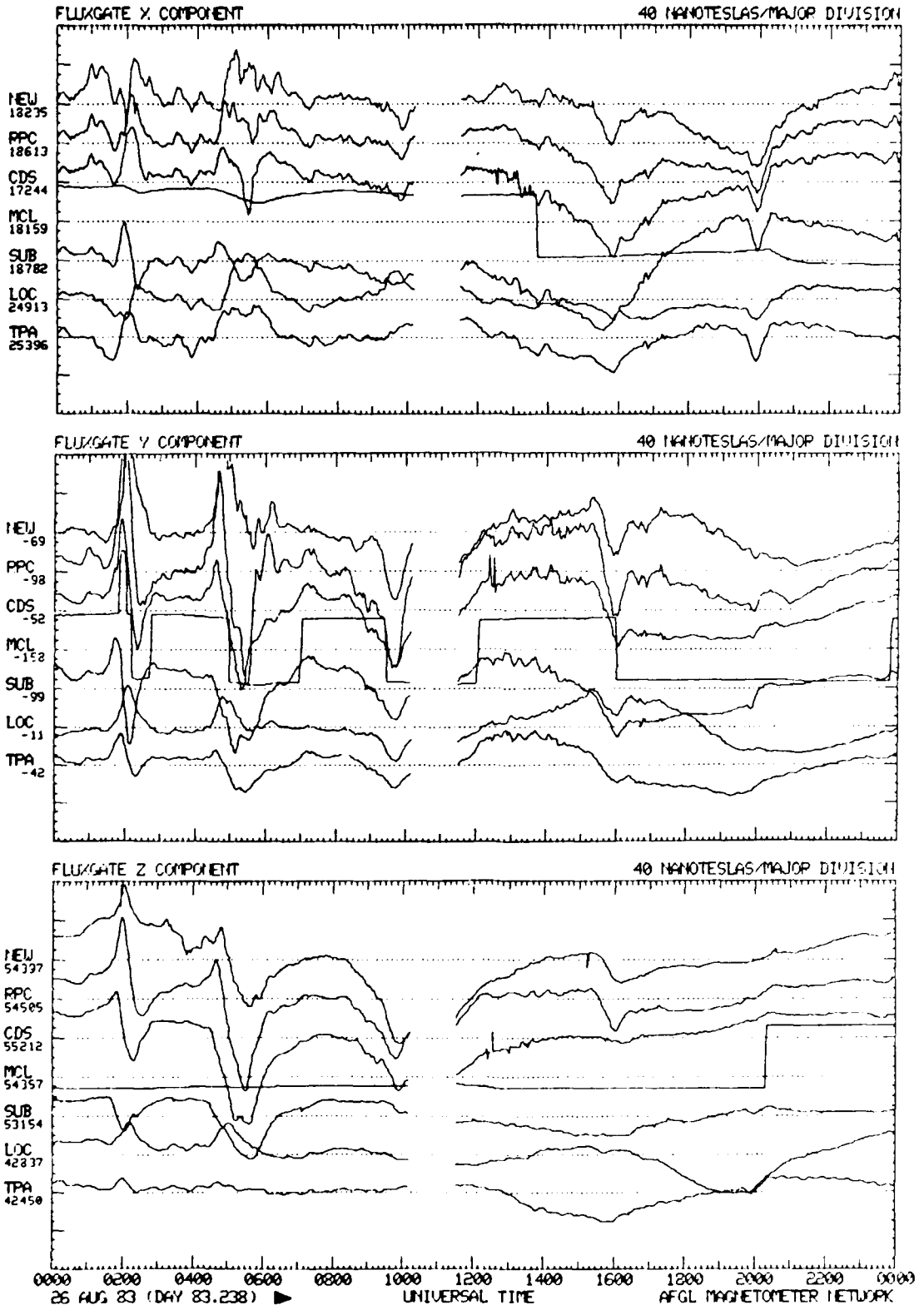

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13223
RPC
18538
CDS
17252
MCL
18145
SUB
18777
LOC
24904
TPA
25382
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-69
RPC
-90
CDS
-4
MCL
-149
SUB
-96
LOC
-9
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54407
RPC
54510
CDS
55240
MCL
54376
SUB
53164
LOC
42242
TPA
42457
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 AUG 83 (DAY 83.233)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

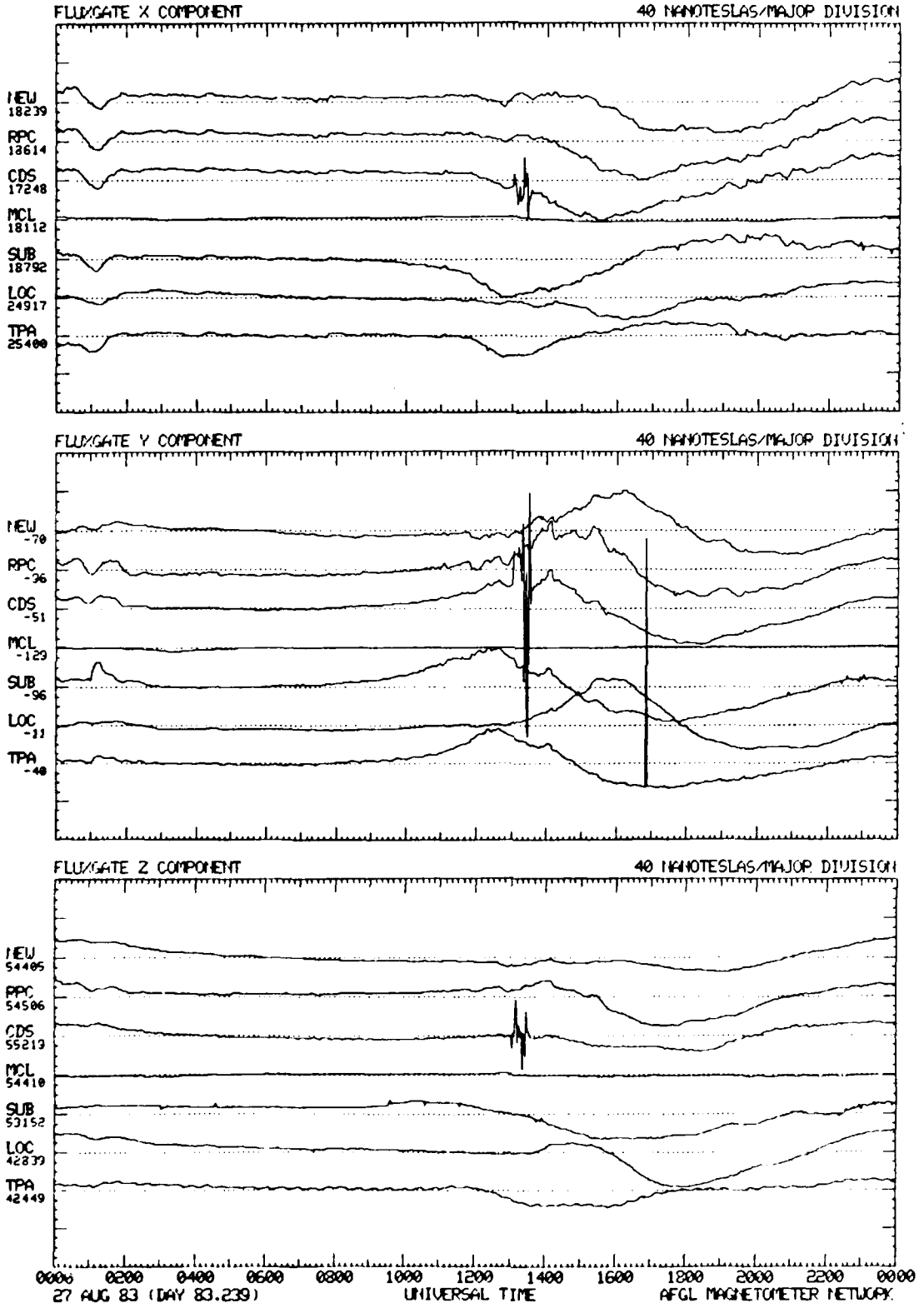

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18243
RPC 18616
CDS 17252
MCL 18170
SUB 18790
LOC 24917
TPA 25404
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -63
RPC -91
CDS -43
MCL -128
SUB -99
LOC -4
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54401
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 AUG 83 (DAY 83.234)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

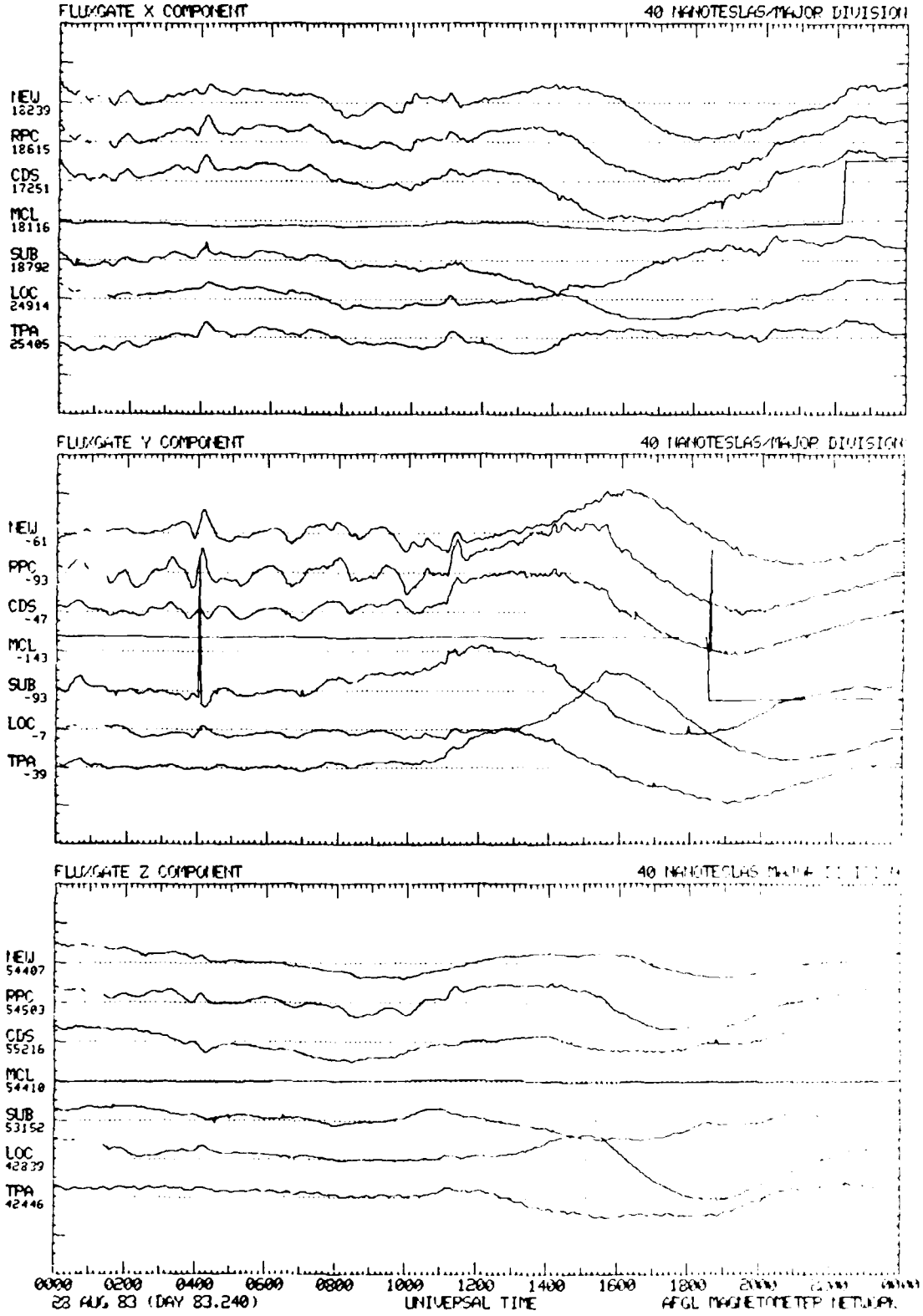

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18226
RPC 18595
CDS 17252
MCL 18134
SUB 18778
LOC 24898
TPA 25382
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -52
RPC -86
CDS -43
MCL -147
SUB -103
LOC 1
TPA -42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54403
RPC 54498
CDS 55240
MCL 54357
SUB 5315
LOC 42837
TPA 42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 AUG 83 (DAY 83.235)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

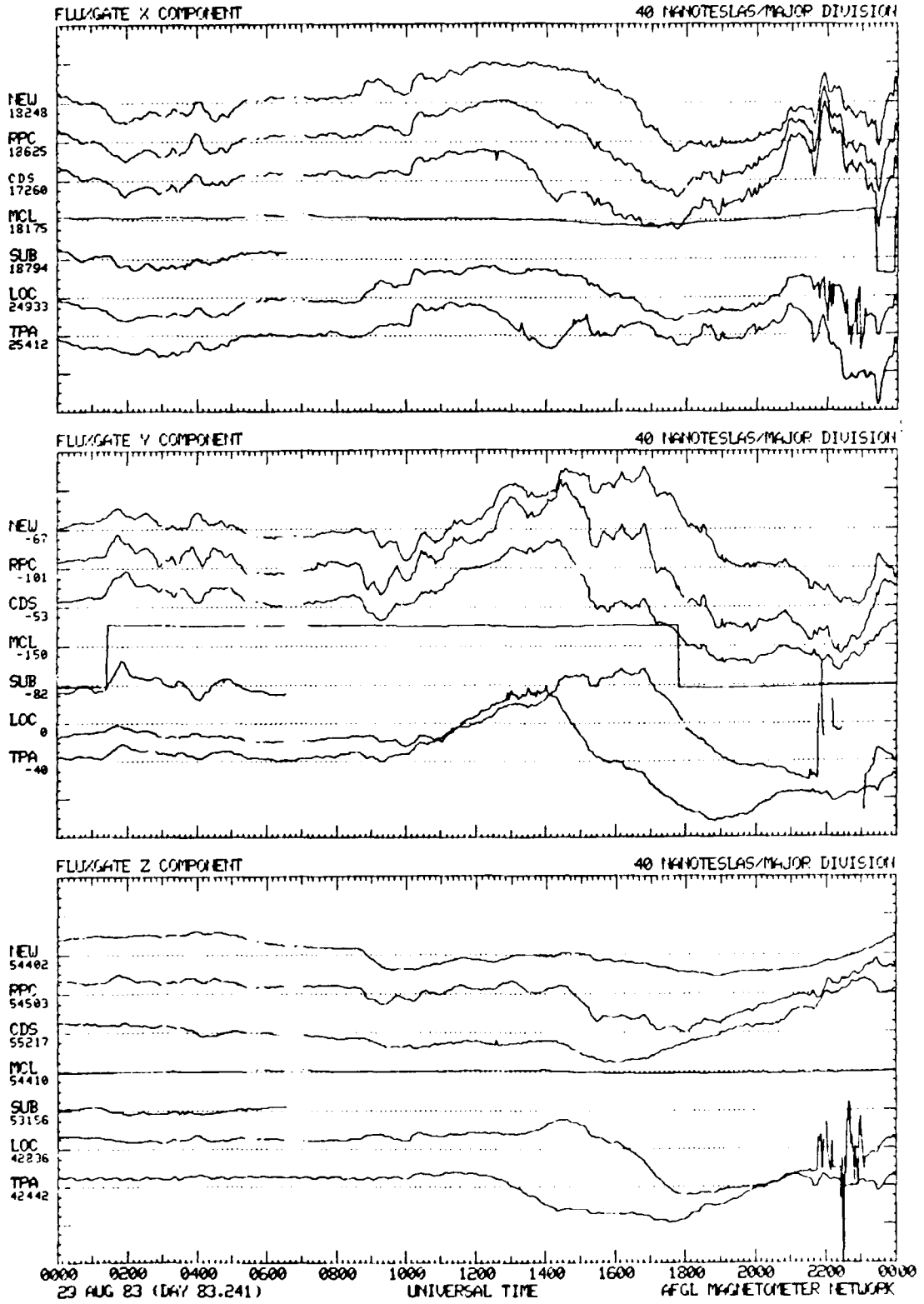

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18221
RPC
18596
CDS
17252
MCL
18133
SUB
18775
LOC
24903
TPA
25388
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-62
RPC
-90
CDS
-47
MCL
-127
SUB
-94
LOC
-2
TPA
-37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54405
RPC
54504
CDS
55240
MCL
54362
SUB
53161
LOC
42835
TPA
42458
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
24 AUG 83 (DAY 83.236)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

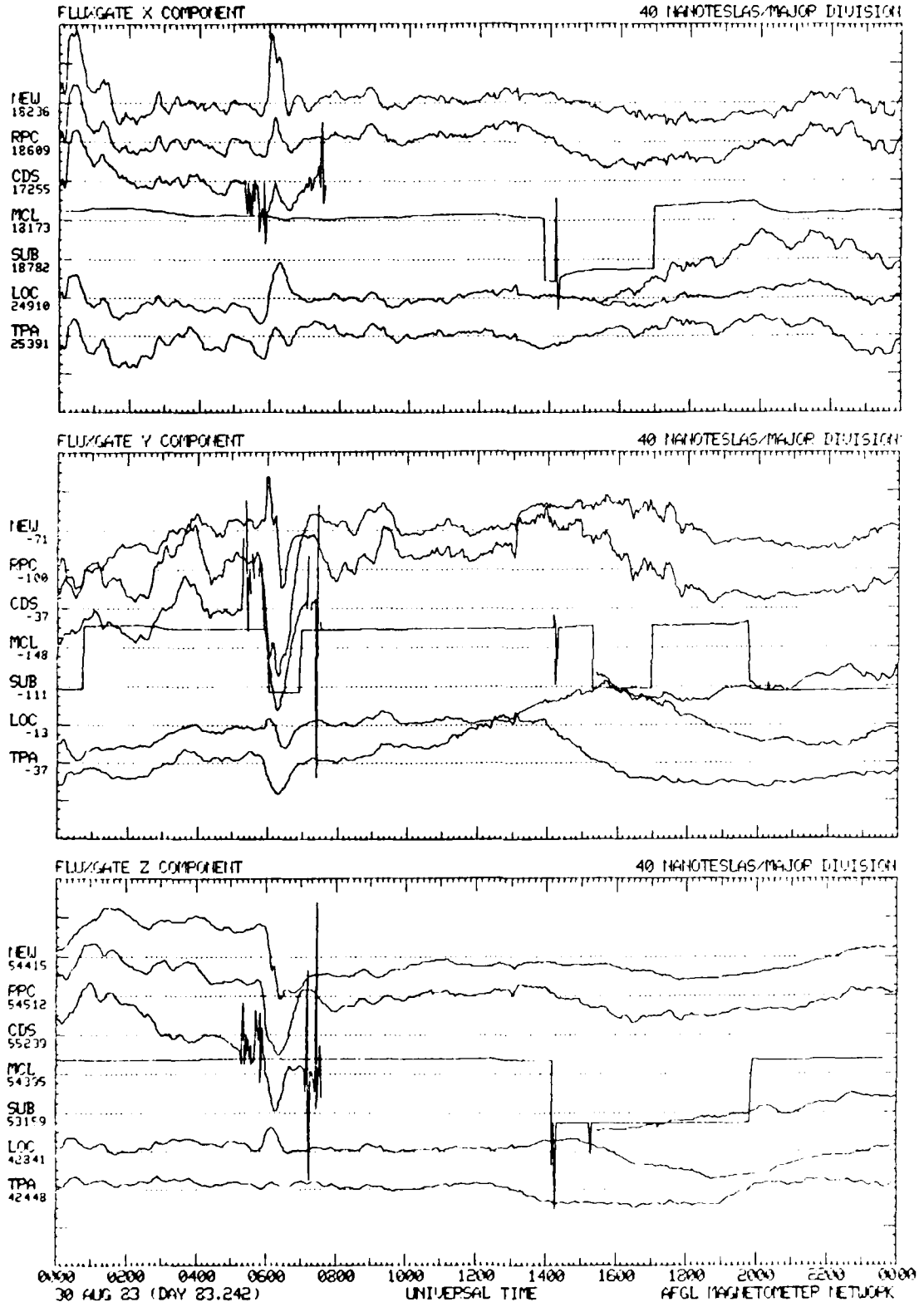

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18230
RPC 18608
CDS 17255
MCL 18149
SUB 18778
LOC 24910
TPA 25397
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -61
RPC -91
CDS -65
MCL -149
SUB -97
LOC -5
TPA -40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54400
RPC 54502
CDS 55235
MCL 54367
SUB 53156
LOC 42838
TPA 42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 AUG 83 (DAY 83.237)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

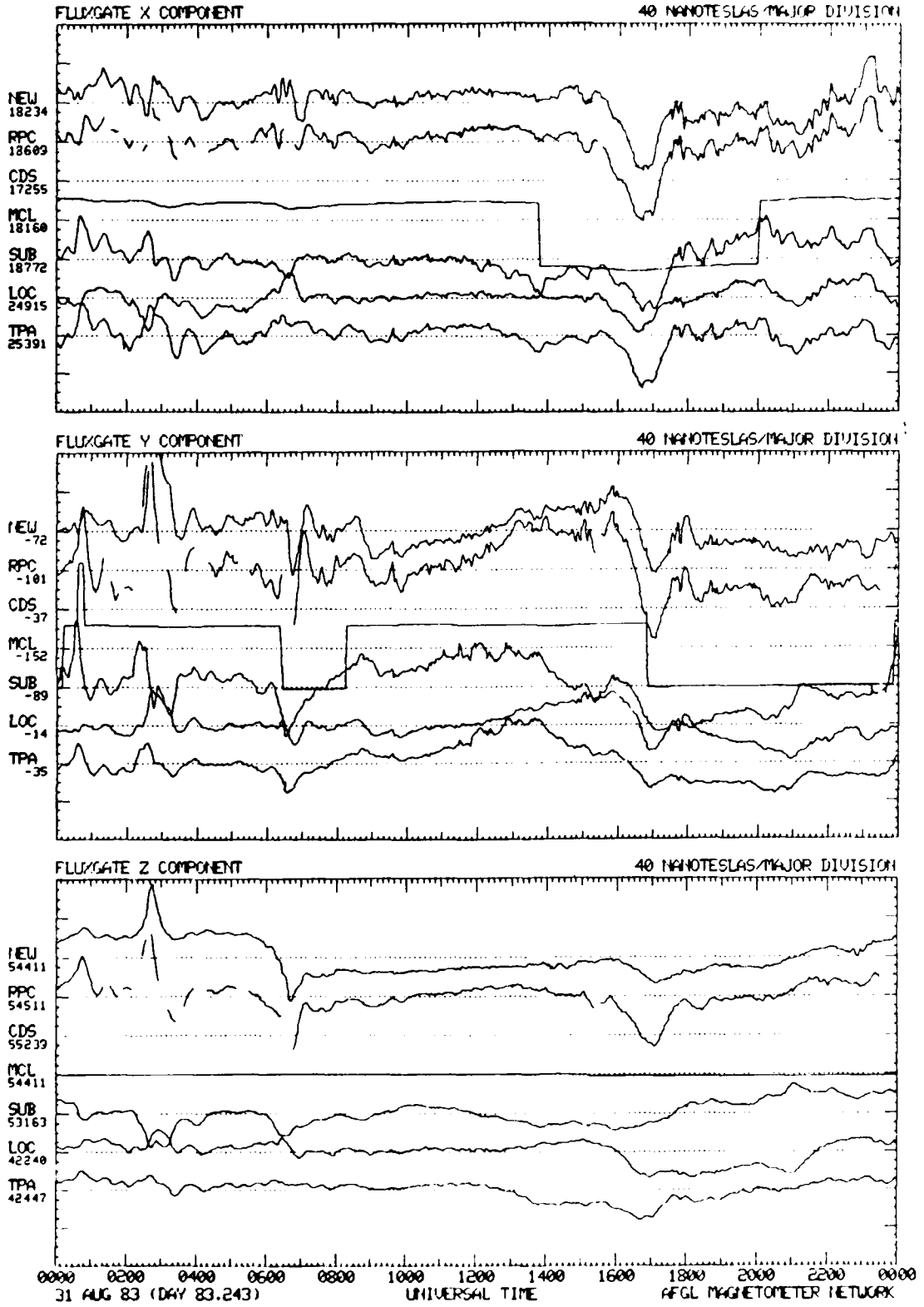

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18235
PPC 18613
CDS 17244
MCL 18159
SUB 18782
LOC 24913
TPA 25396
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -69
PPC -98
CDS -52
MCL -152
SUB -99
LOC -11
TPA -42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54397
PPC 54505
CDS 55212
MCL 54357
SUB 53154
LOC 42837
TPA 42450
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 AUG 83 (DAY 83.238)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

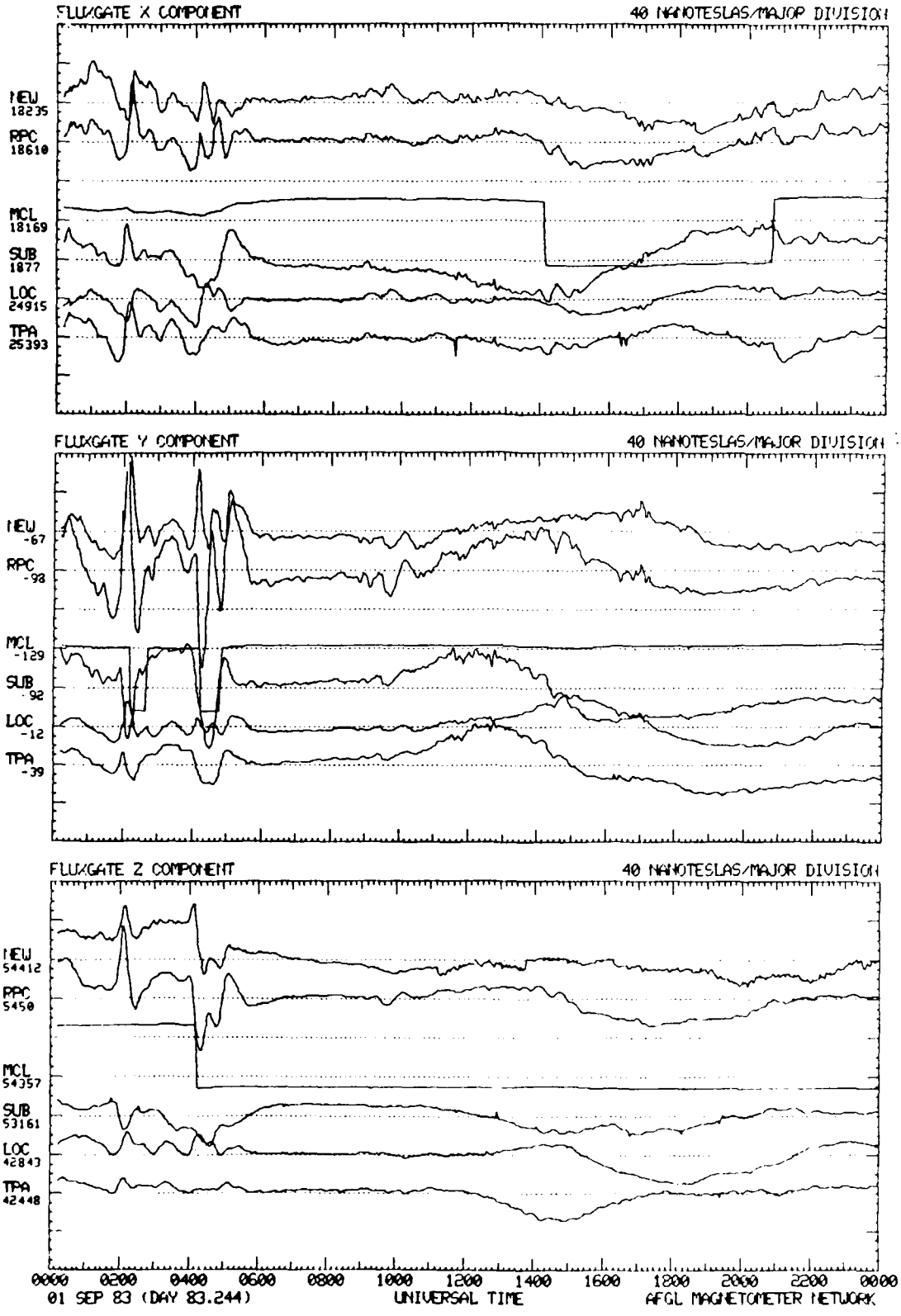

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18239
RPC 18614
CDS 17248
MCL 18112
SUB 18792
LOC 24917
TPA 25400
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -70
RPC -96
CDS -51
MCL -129
SUB -96
LOC -11
TPA -40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54405
RPC 54506
CDS 55219
MCL 54410
SUB 53152
LOC 42839
TPA 42449
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 AUG 83 (DAY 83.239)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

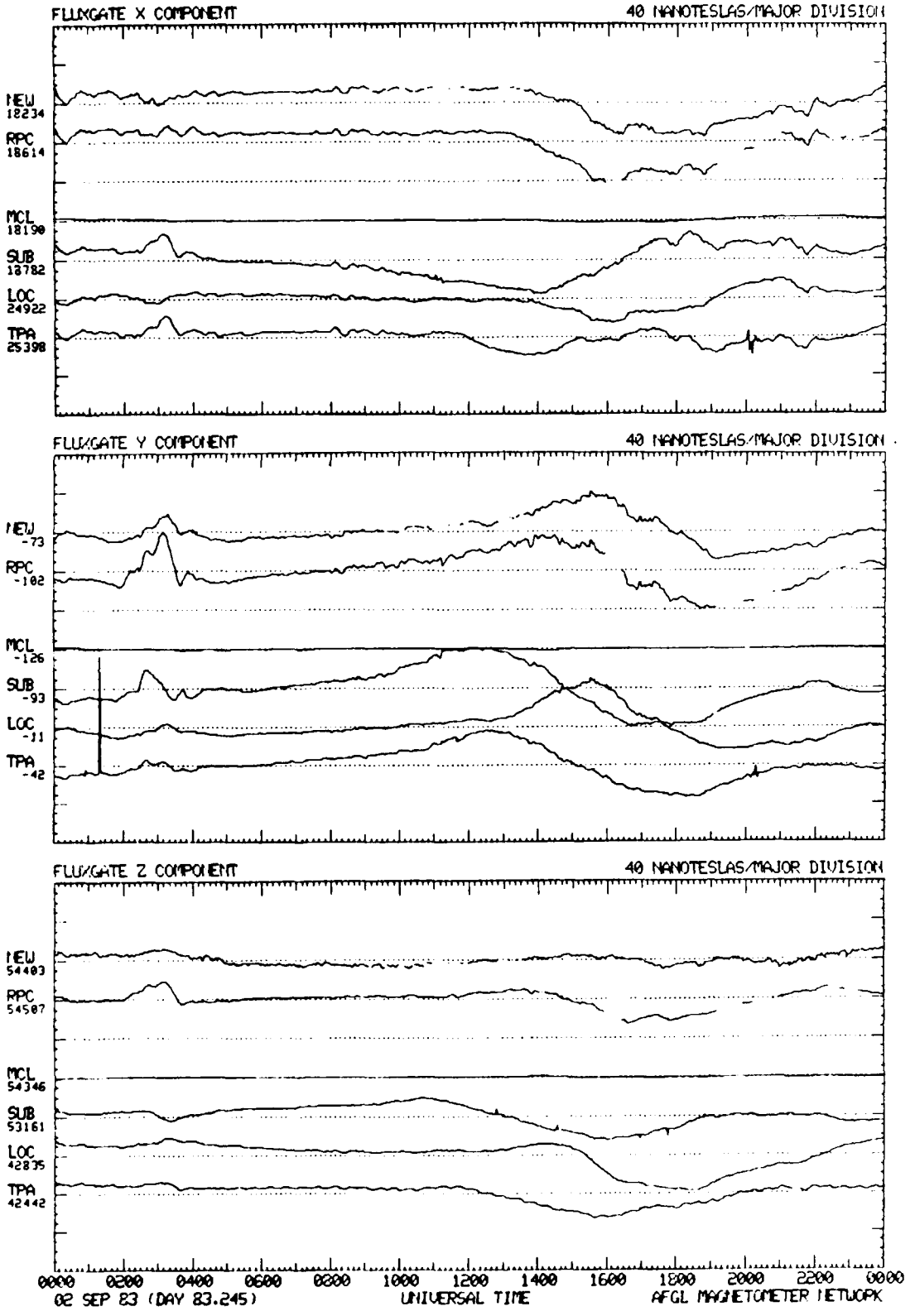

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18239
RPC 18615
CDS 17251
MCL 18116
SUB 18792
LOC 24914
TPA 25405
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -61
RPC -93
CDS -47
MCL -143
SUB -93
LOC -7
TPA -39
FLUXGATE Z COMPONENT
NEW 54407
RPC 54503
CDS 55216
MCL 54410
SUB 53152
LOC 42839
TPA 42446
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800
28 AUG 83 (DAY 83.240)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

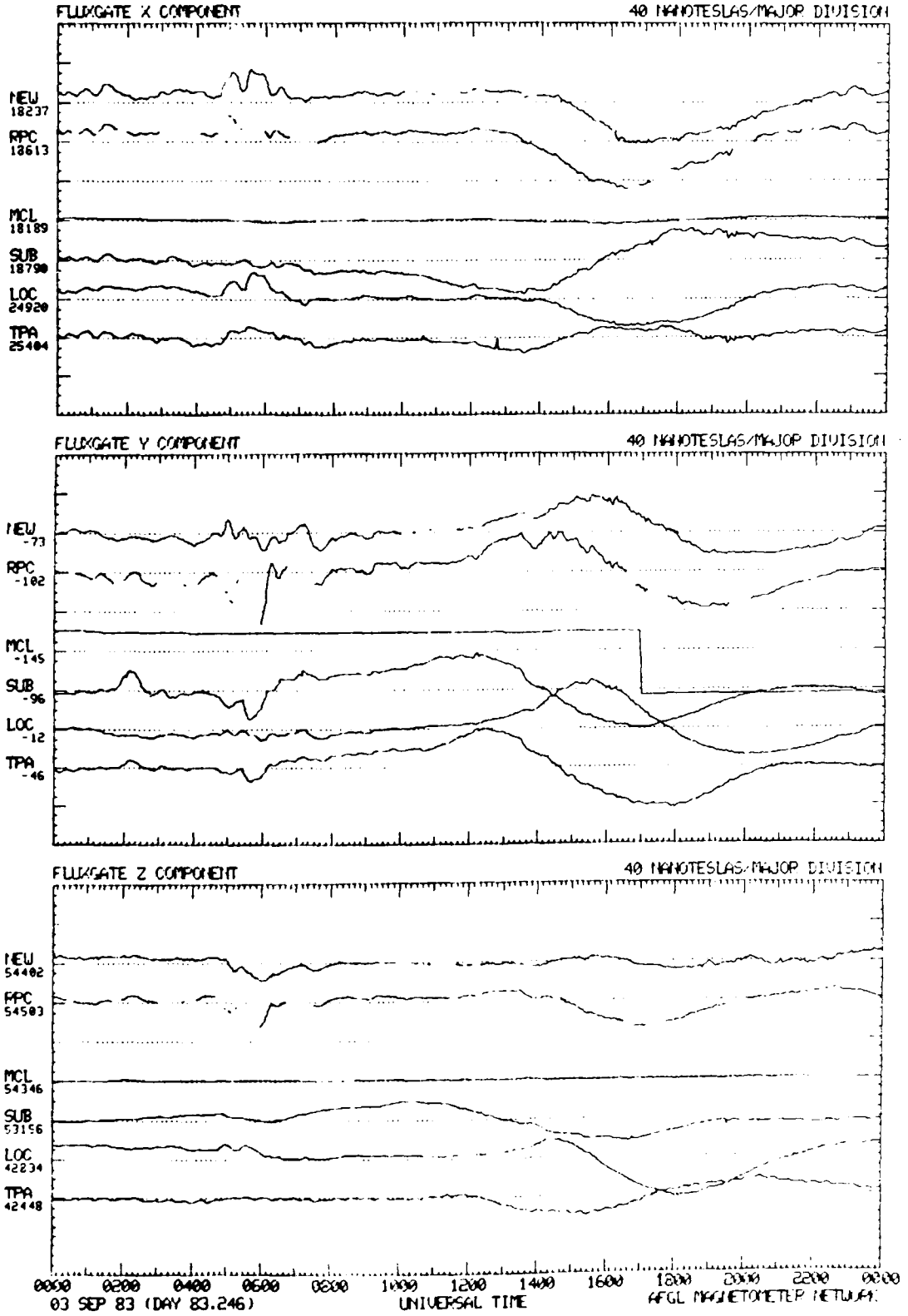

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18248
RPC 18625
CDS 17260
MCL 18175
SUB 18794
LOC 24933
TPA 25412
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -67
RPC -101
CDS -53
MCL -150
SUB -82
LOC 0
TPA -40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54402
RPC 54503
CDS 55217
MCL 54410
SUB 53156
LOC 42836
TPA 42442
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 AUG 83 (DAY 83.241)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

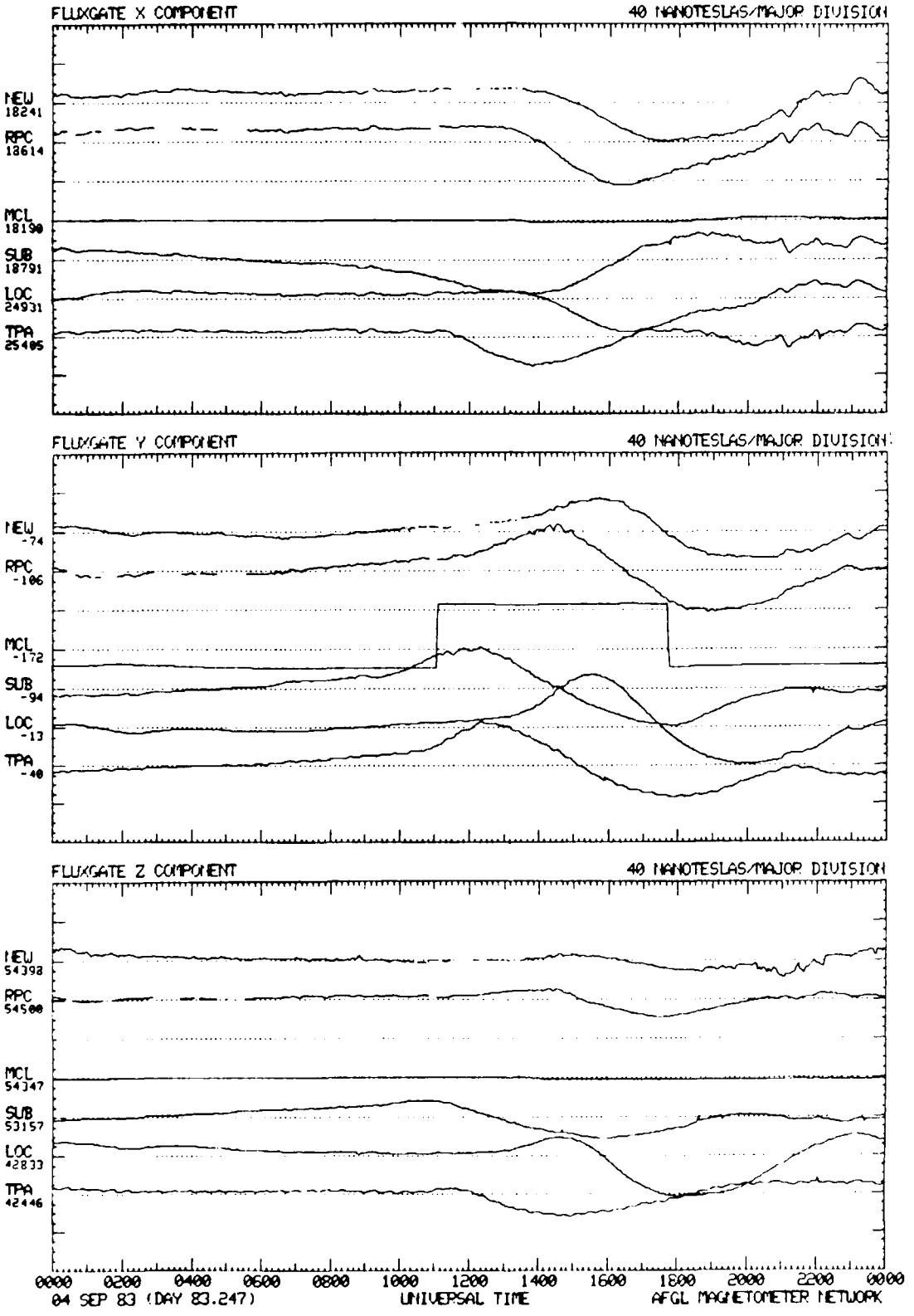

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18236
RPC 18609
CDS 17255
MCL 18173
SUB 18782
LOC 24910
TPA 25391
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -71
RPC -100
CDS -37
MCL -148
SUB -111
LOC -13
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54415
RPC 54512
CDS 55239
MCL 54375
SUB 53159
LOC 42841
TPA 42448
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 AUG 83 (DAY 83.242)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

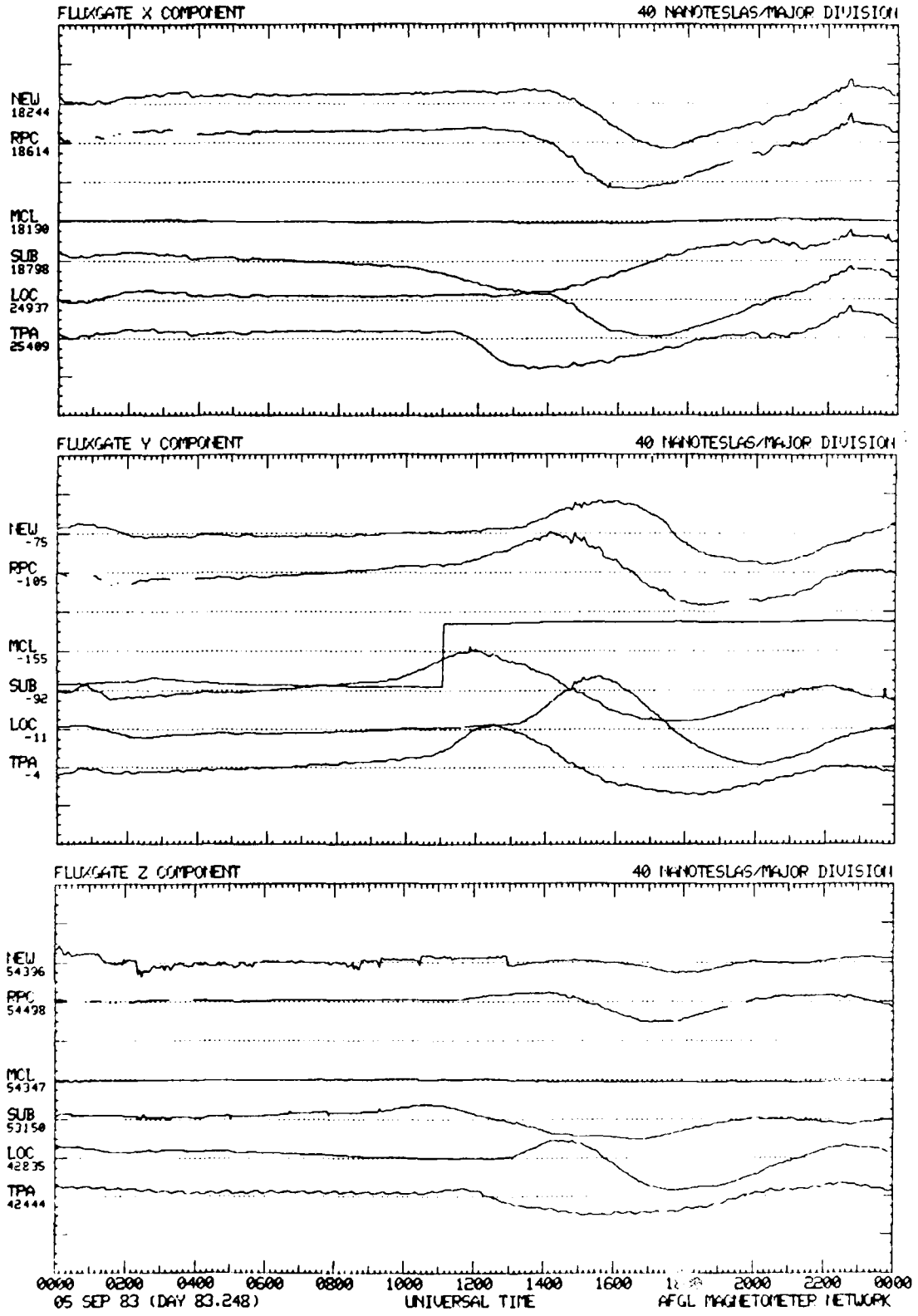

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18234
RPC 18609
CDS 17255
MCL 18160
SUB 18772
LOC 24915
TPA 25391
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -72
RPC -101
CDS -37
MCL -152
SUB -89
LOC -14
TPA -35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54411
RPC 54511
CDS 55239
MCL 54411
SUB 53163
LOC 42240
TPA 42447
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
31 AUG 83 (DAY 83.243)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

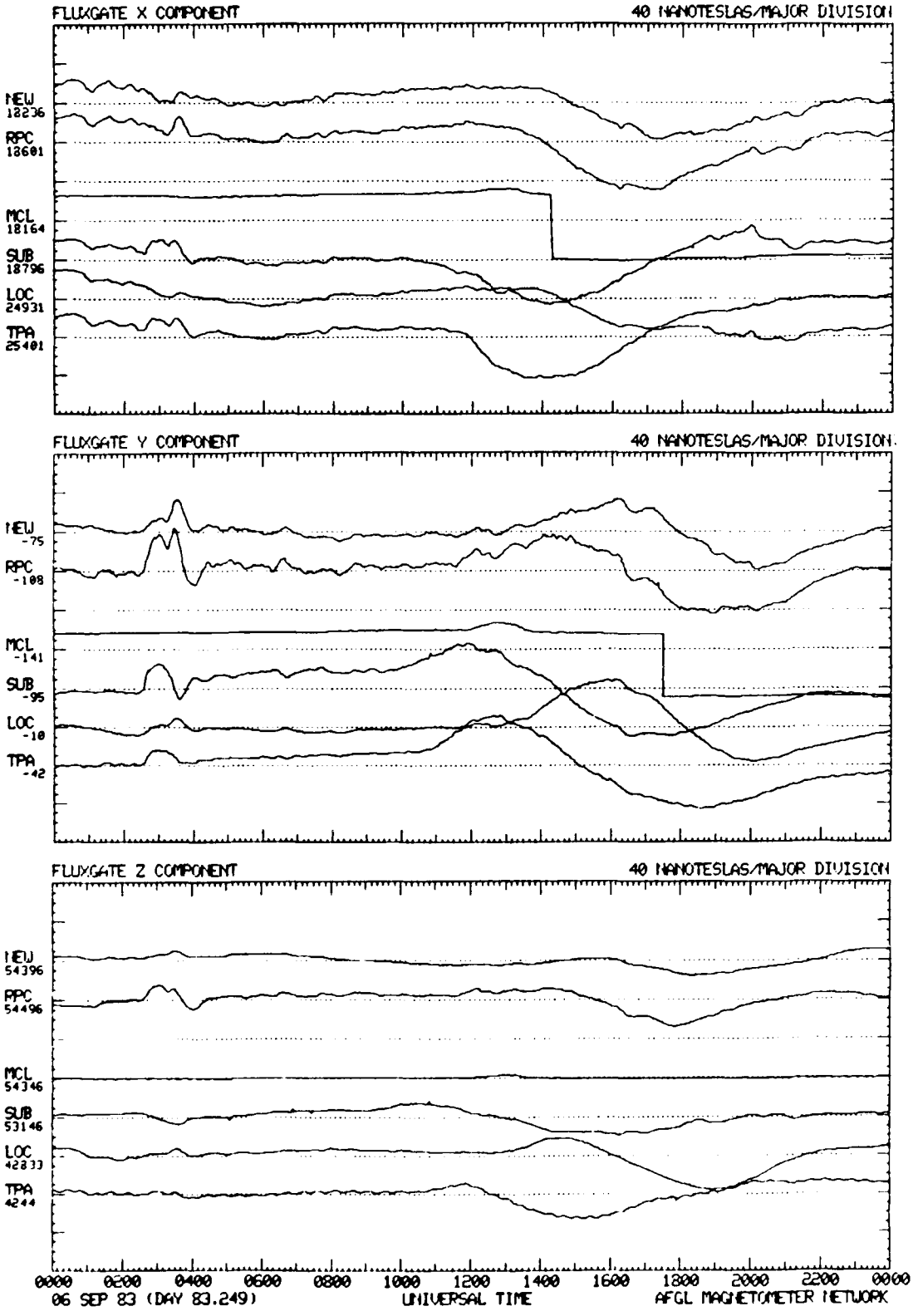

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18235
RPC
18610
MCL
18169
SUB
1877
LOC
24915
TPA
25393
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-67
RPC
-98
MCL
-129
SUB
-92
LOC
-12
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54412
RPC
5450
MCL
54357
SUB
53161
LOC
42843
TPA
42448
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 SEP 83 (DAY 83.244)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

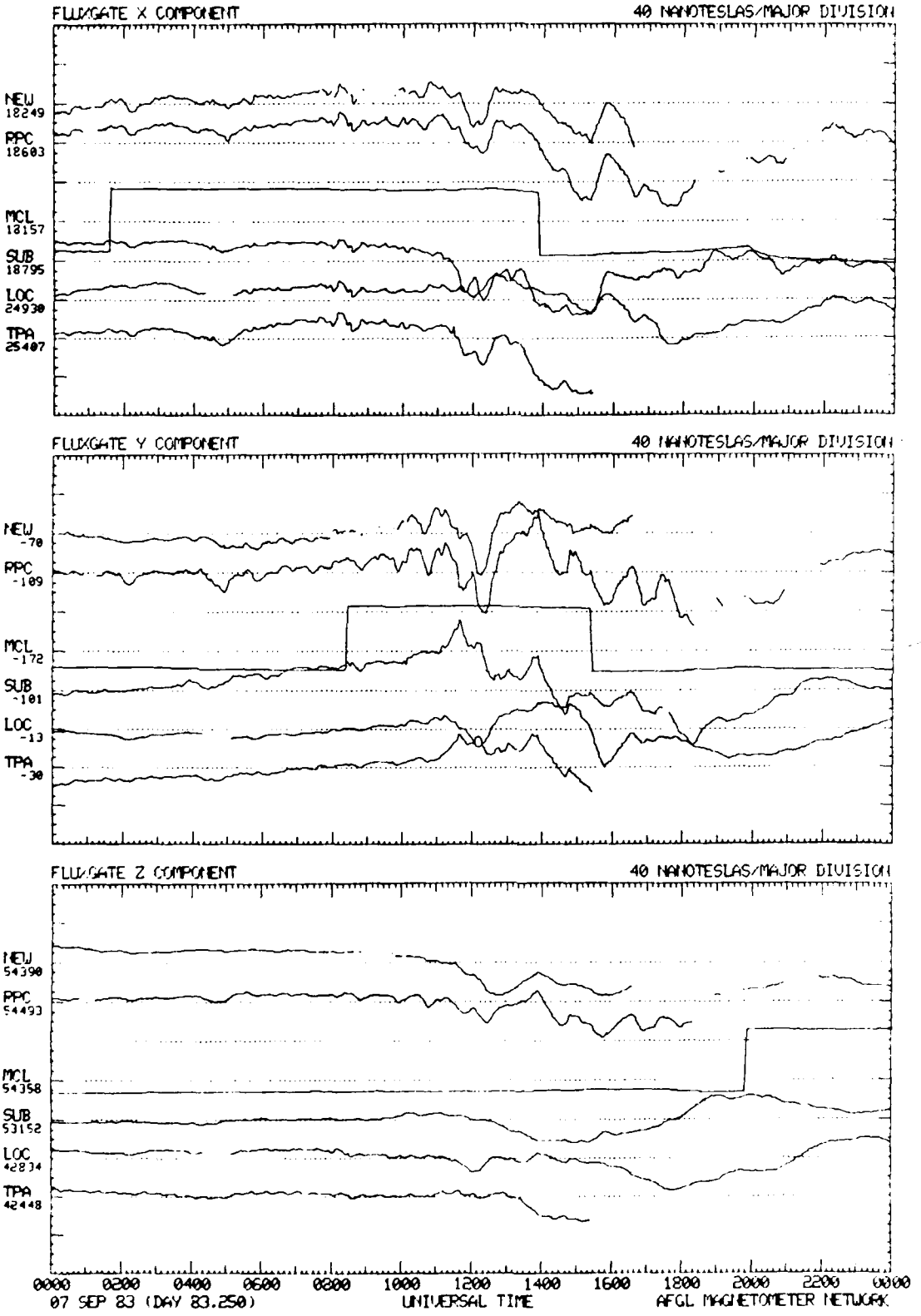

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18234
RPC
18614
MCL
18190
SUB
18782
LOC
24922
TPA
25398
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-73
RPC
-102
MCL
-126
SUB
-93
LOC
-11
TPA
-42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54403
RPC
54507
MCL
54346
SUB
53161
LOC
42835
TPA
42442
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 SEP 83 (DAY 83.245)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

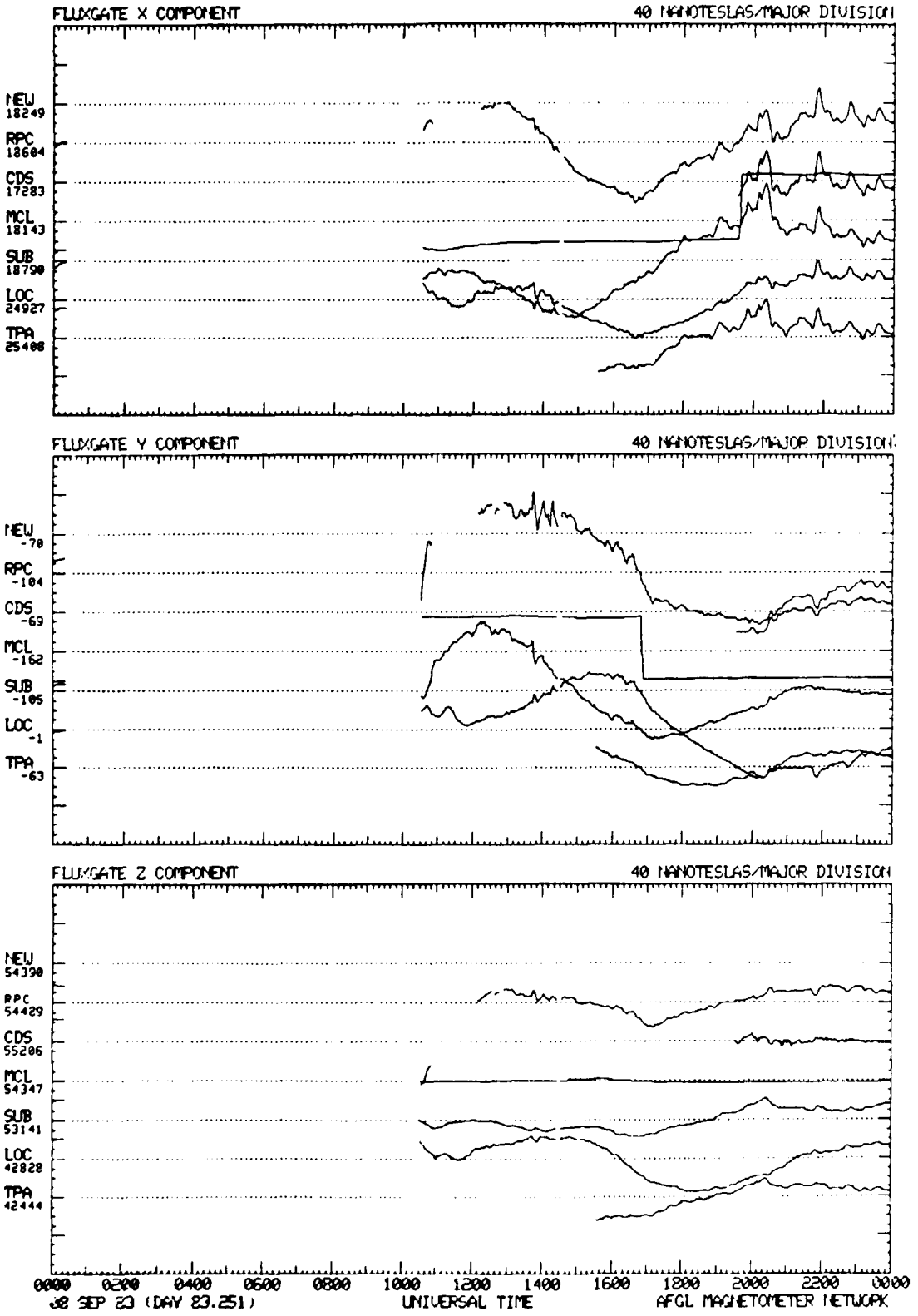

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18237
RPC
18613
MCL
18189
SUB
18790
LOC
24920
TPA
25404
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-73
RPC
-102
MCL
-145
SUB
-96
LOC
-12
TPA
-46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54402
RPC
54503
MCL
54346
SUB
53156
LOC
42234
TPA
42448
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 SEP 83 (DAY 83.246)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

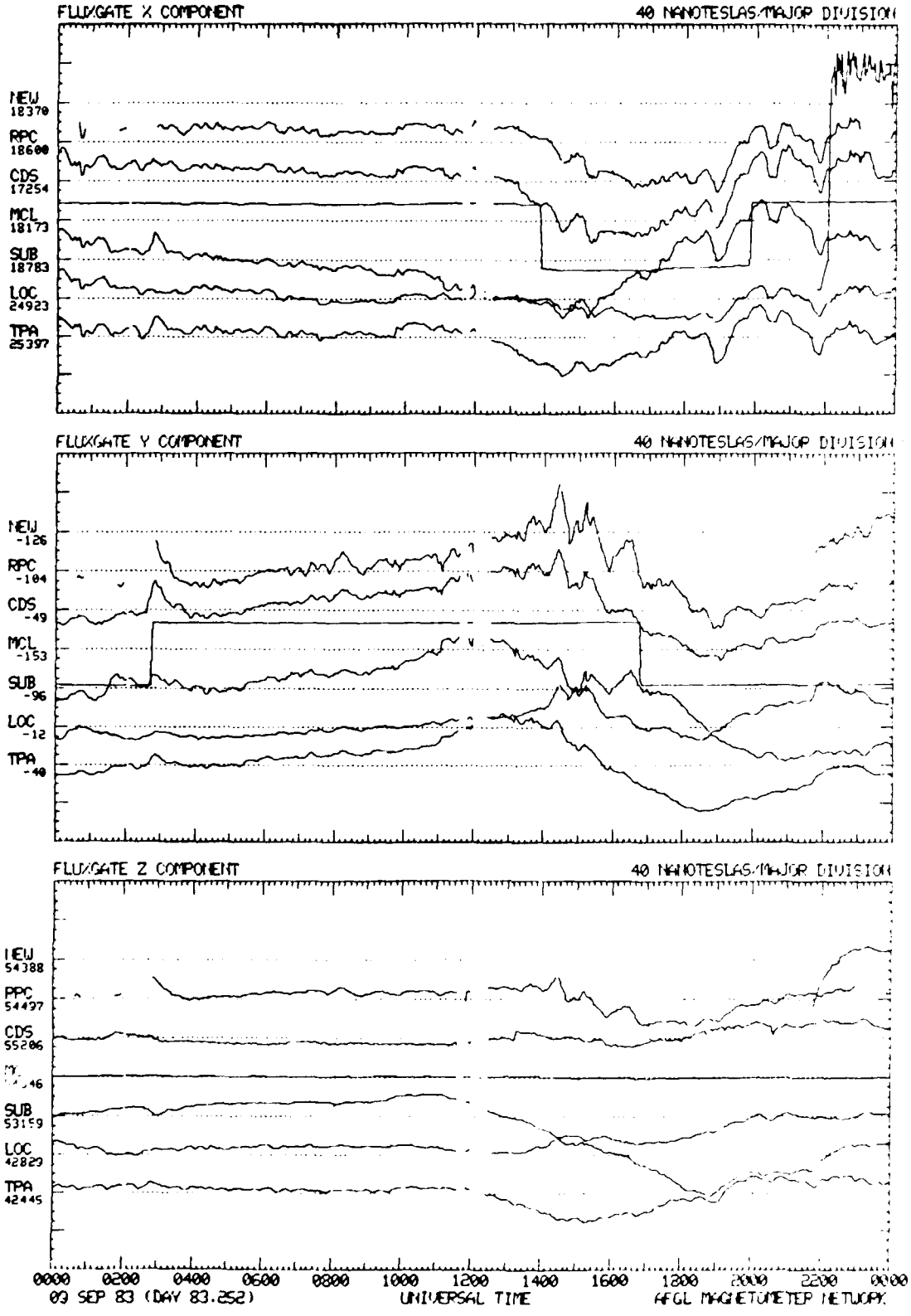

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18241
RPC
18614
MCL
18190
SUB
18791
LOC
24931
TPA
25405
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-74
RPC
-106
MCL
-172
SUB
-94
LOC
-13
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54398
RPC
54500
MCL
54347
SUB
53157
LOC
42833
TPA
42446
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 SEP 83 (DAY 83.247)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

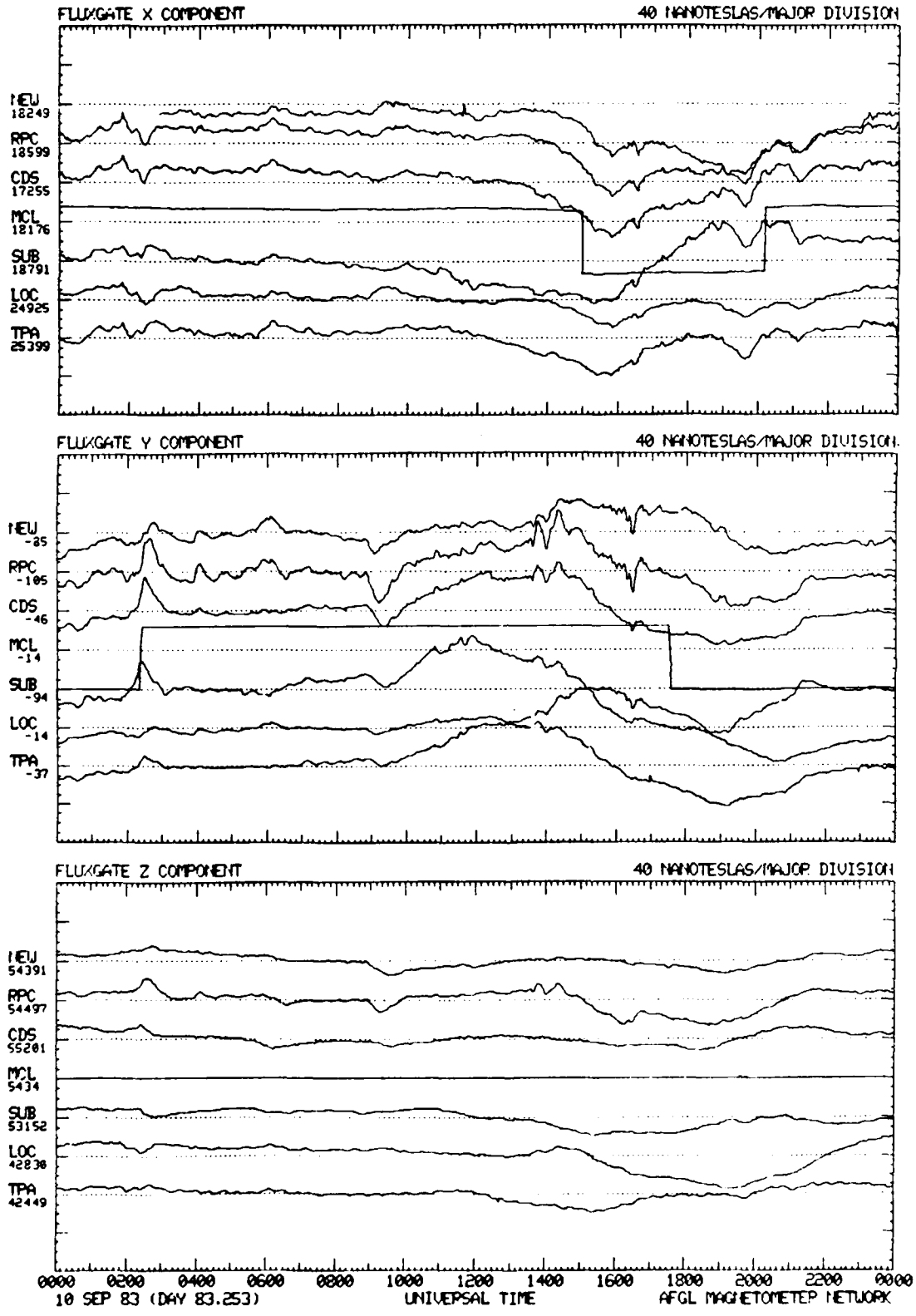

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18244
RPC
18614
MCL
18190
SUB
18798
LOC
24937
TPA
25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-75
RPC
-105
MCL
-155
SUB
-92
LOC
-11
TPA
-4
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54396
RPC
54498
MCL
54347
SUB
53150
LOC
42835
TPA
42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 SEP 83 (DAY 83.248)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

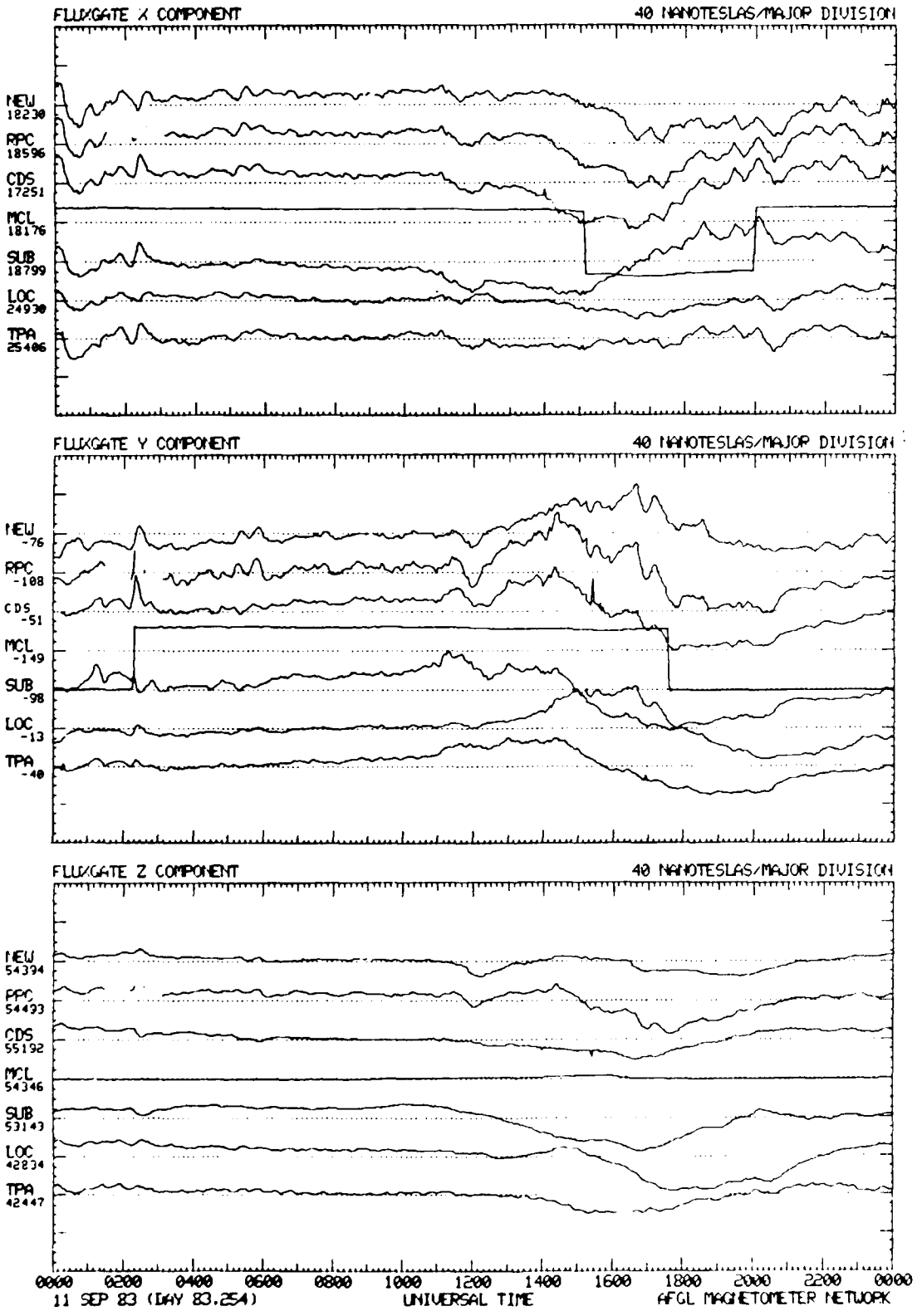

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12236
RPC
13601
MCL
18164
SUB
18796
LOC
24931
TPA
25401
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-75
RPC
-108
MCL
-141
SUB
-95
LOC
-10
TPA
-42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54396
RPC
54496
MCL
54346
SUB
53146
LOC
42833
TPA
4244
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 SEP 83 (DAY 83.249)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

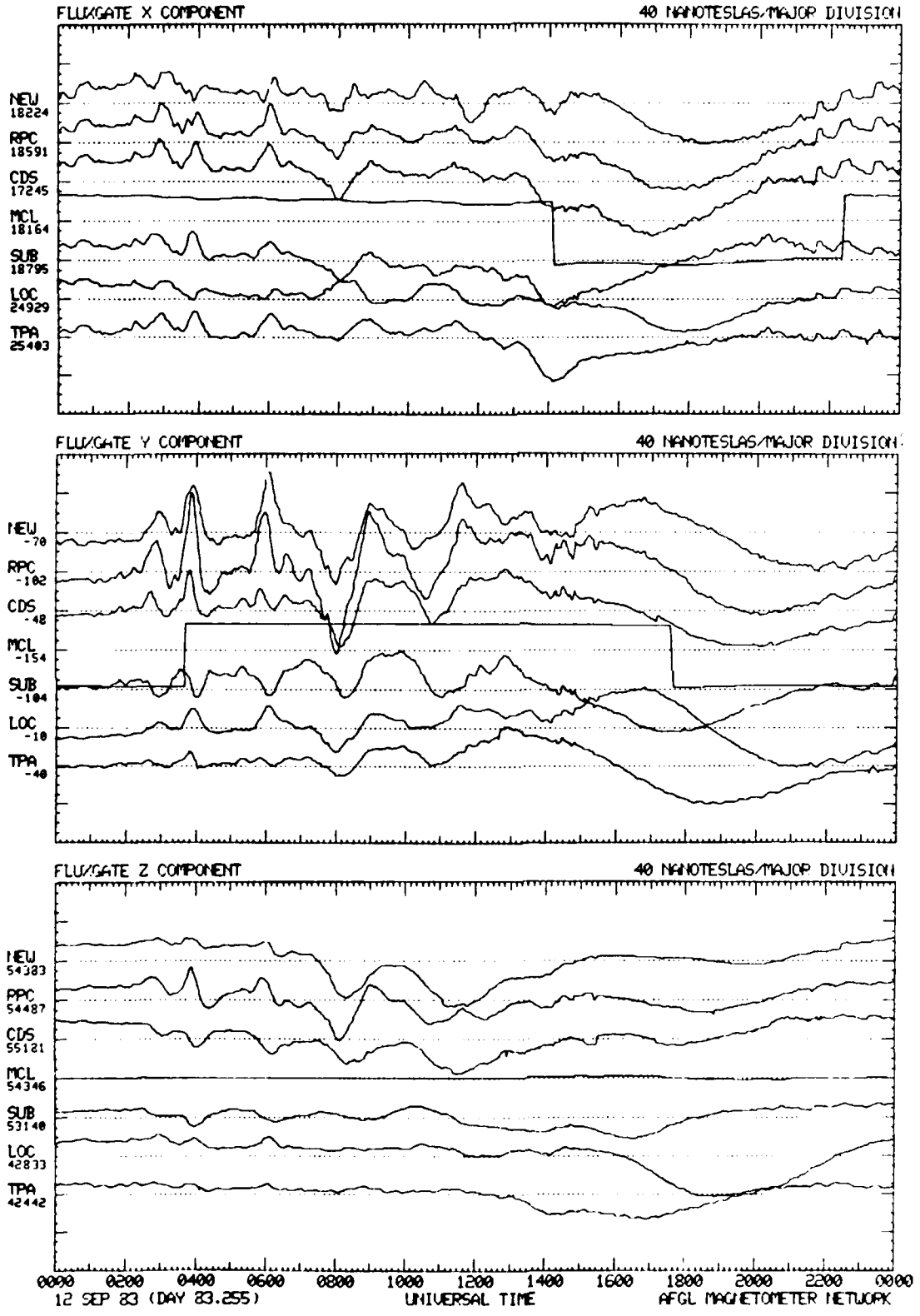

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18249
PPC
18603
MCL
18157
SUB
18795
LOC
24930
TPA
25407
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-70
PPC
-109
MCL
-172
SUB
-101
LOC
-13
TPA
-30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54390
PPC
54493
MCL
54358
SUB
53152
LOC
42834
TPA
42448
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 SEP 83 (DAY 83.250)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

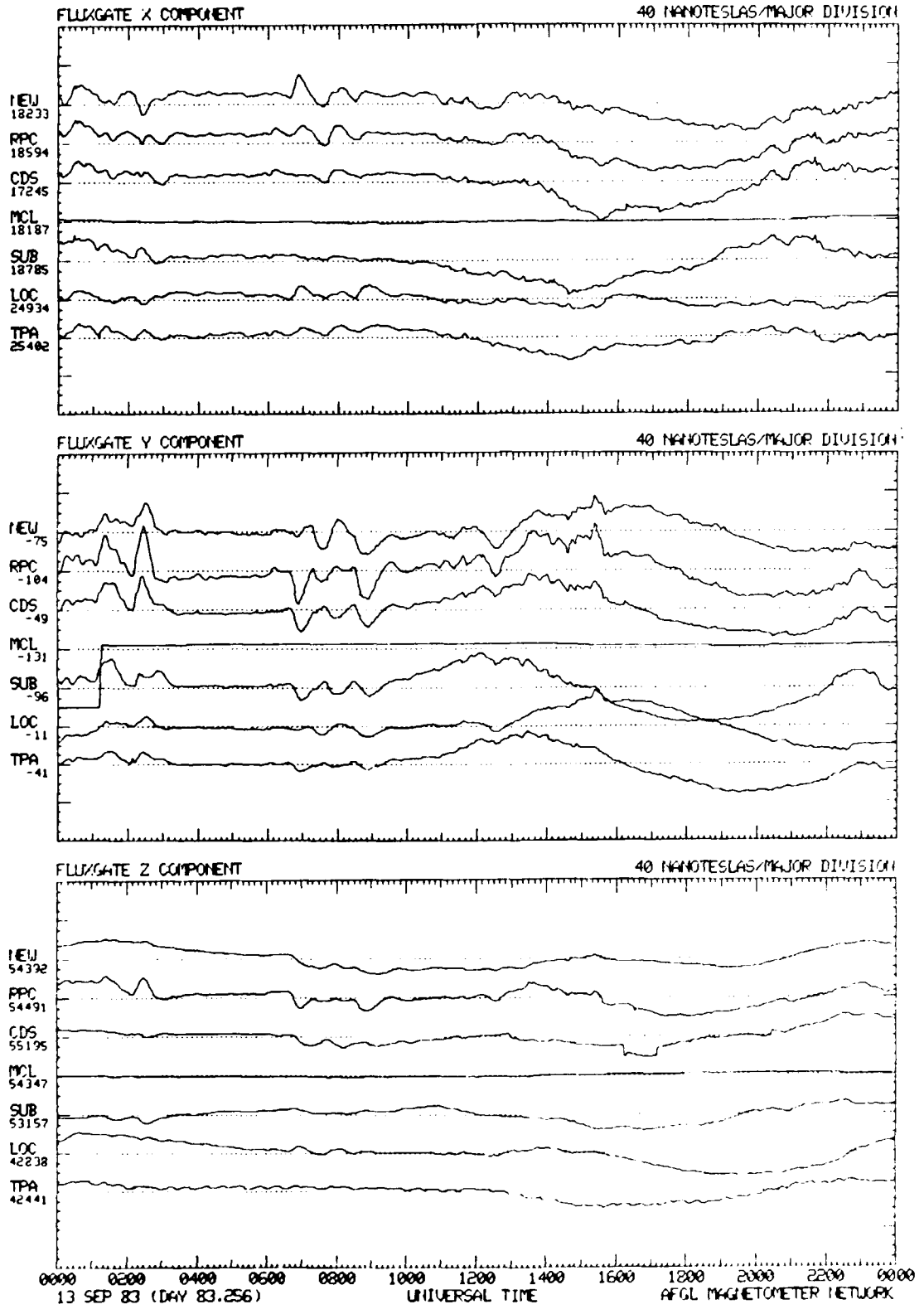

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18249
RPC 18604
CDS 17283
MCL 18143
SUB 18790
LOC 24927
TPA 25408
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -70
RPC -104
CDS -69
MCL -162
SUB -105
LOC -1
TPA -63
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54390
RPC 54429
CDS 55206
MCL 54347
SUB 53141
LOC 42828
TPA 42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
82 SEP 23 (DAY 83.251)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

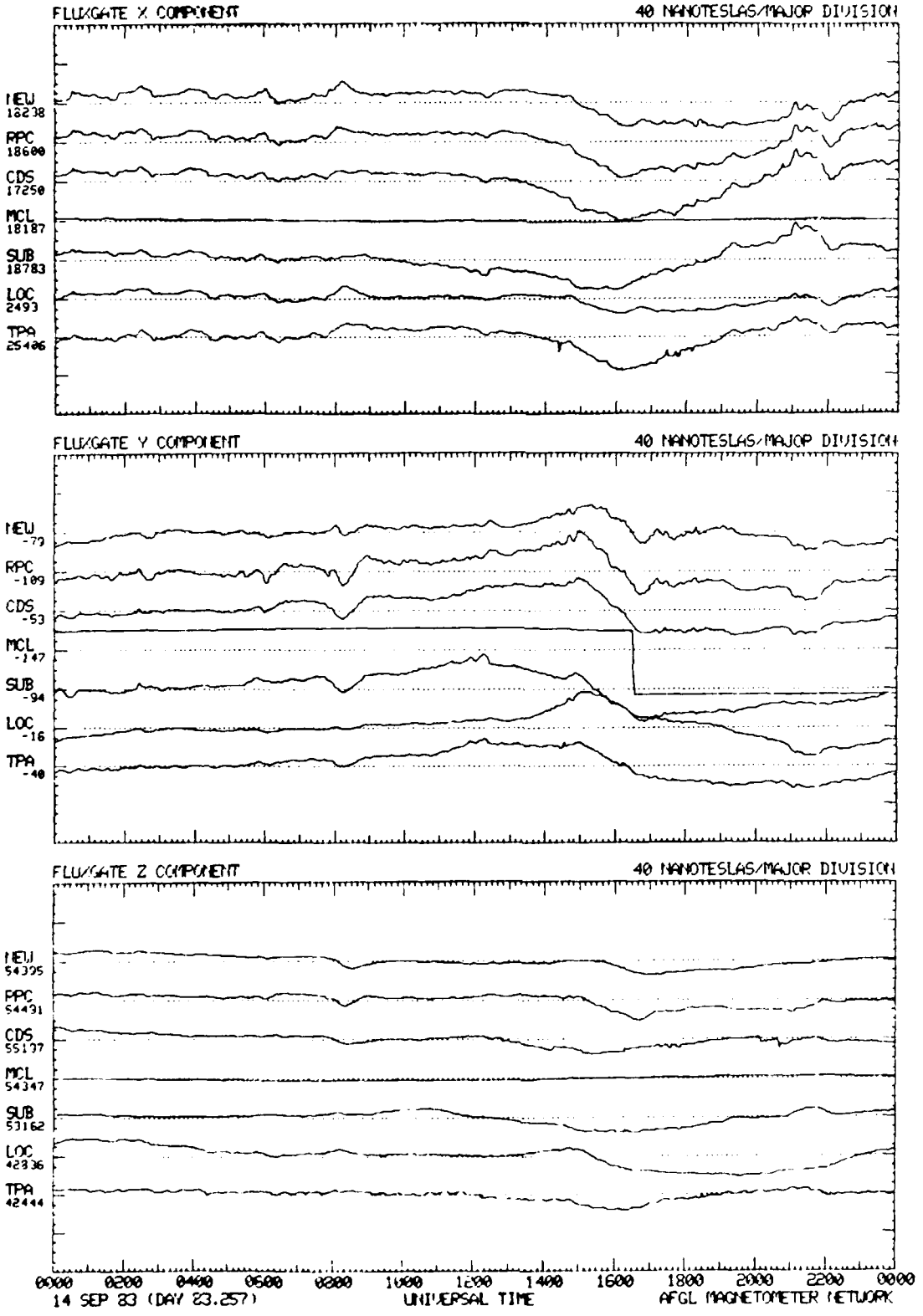

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18370
RPC
18600
CDS
17254
MCL
18173
SUB
18783
LOC
24923
TPA
25397
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-126
RPC
-104
CDS
-49
MCL
-153
SUB
-96
LOC
-12
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54388
PPC
54497
CDS
55206
SUB
53159
LOC
42829
TPA
42445
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 SEP 83 (DAY 83.252)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

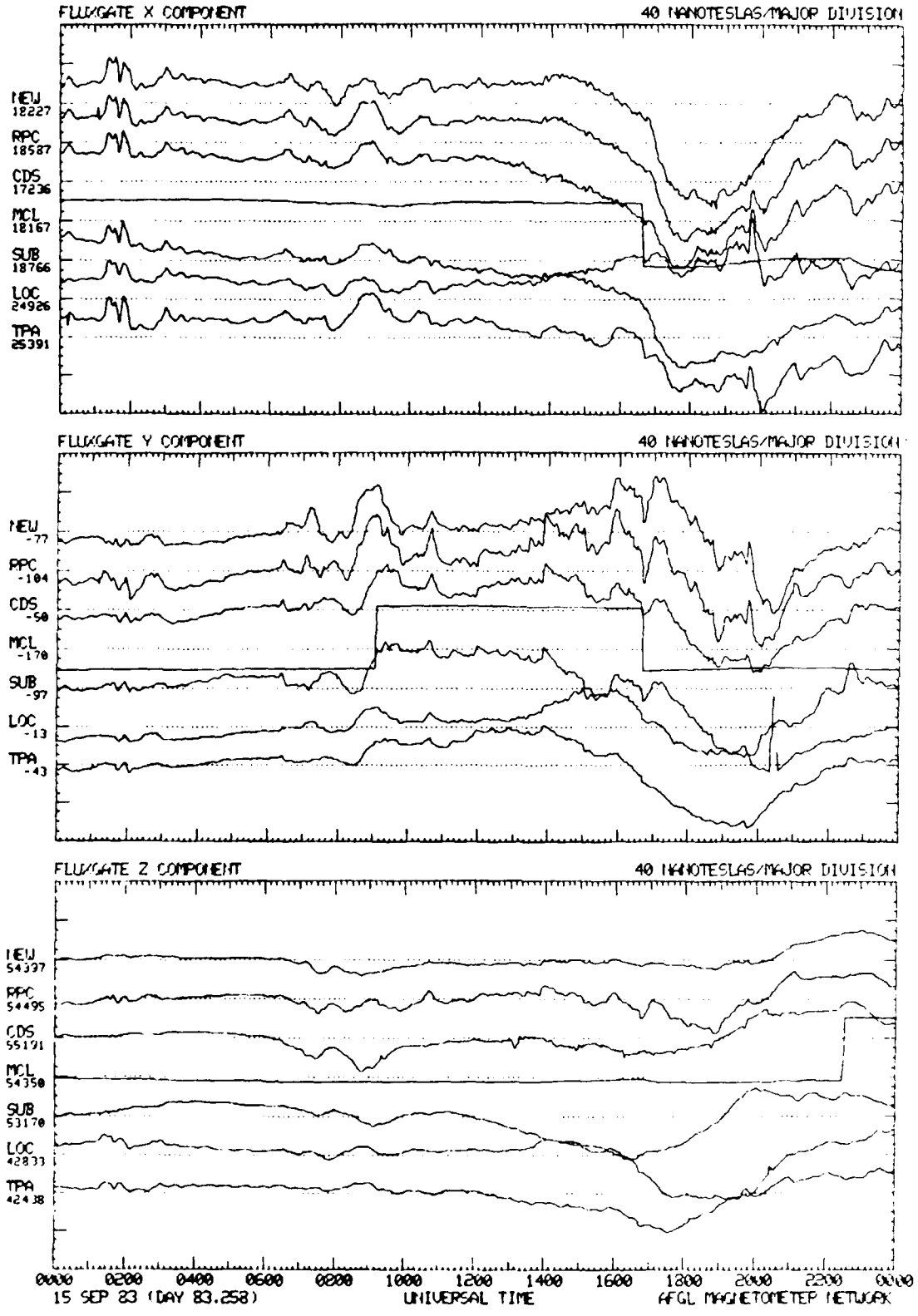

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18249
RPC
18599
CDS
17255
MCL
18176
SUB
18791
LOC
24925
TPA
25399
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-85
RPC
-105
CDS
-46
MCL
-14
SUB
-94
LOC
-14
TPA
-37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54391
RPC
54497
CDS
55201
MCL
5434
SUB
53152
LOC
42838
TPA
42449
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 SEP 83 (DAY 83.253)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

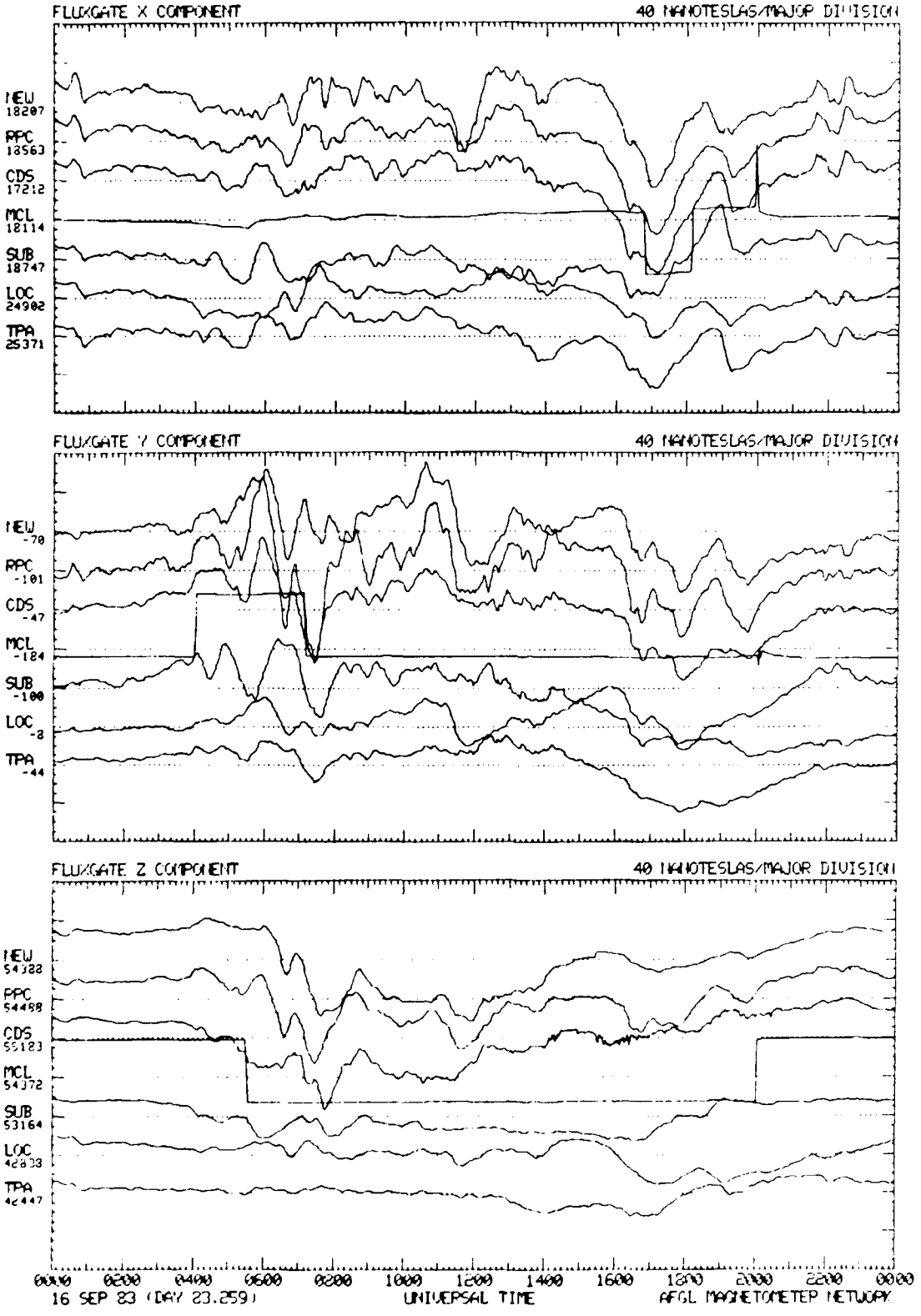

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18230
RPC 18596
CDS 17251
MCL 18176
SUB 18799
LOC 24930
TPA 25486
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -76
RPC -108
CDS -51
MCL -149
SUB -98
LOC -13
TPA -40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54394
RPC 54493
CDS 55192
MCL 54346
SUB 53143
LOC 42834
TPA 42447
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 SEP 83 (DAY 83.254)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

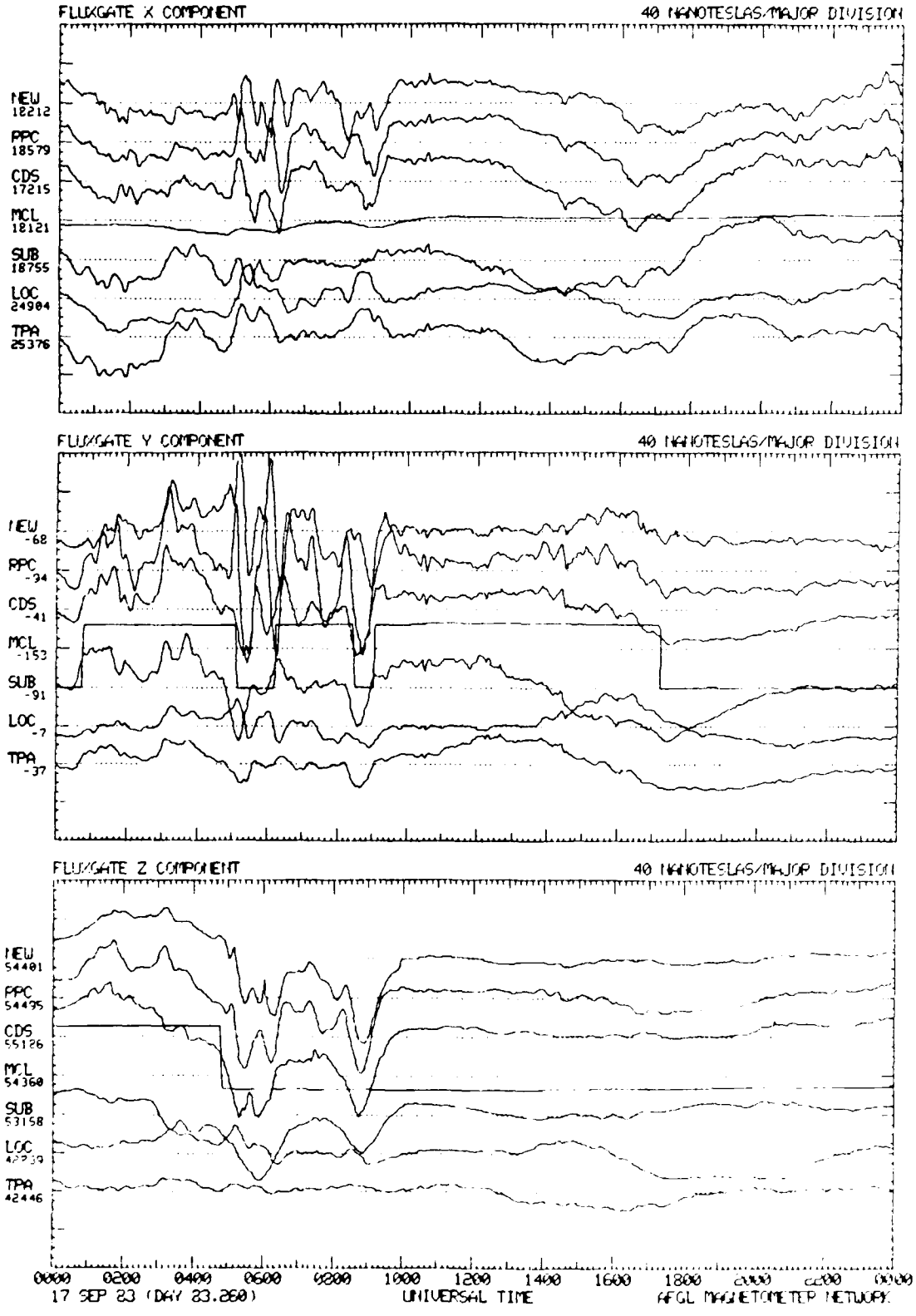

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18224
RPC 18591
CDS 17245
MCL 18164
SUB 18795
LOC 24929
TPA 25403
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -70
RPC -102
CDS -48
MCL -154
SUB -104
LOC -10
TPA -40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54383
RPC 54487
CDS 55121
MCL 54346
SUB 53140
LOC 42833
TPA 42442
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 SEP 83 (DAY 83.255)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

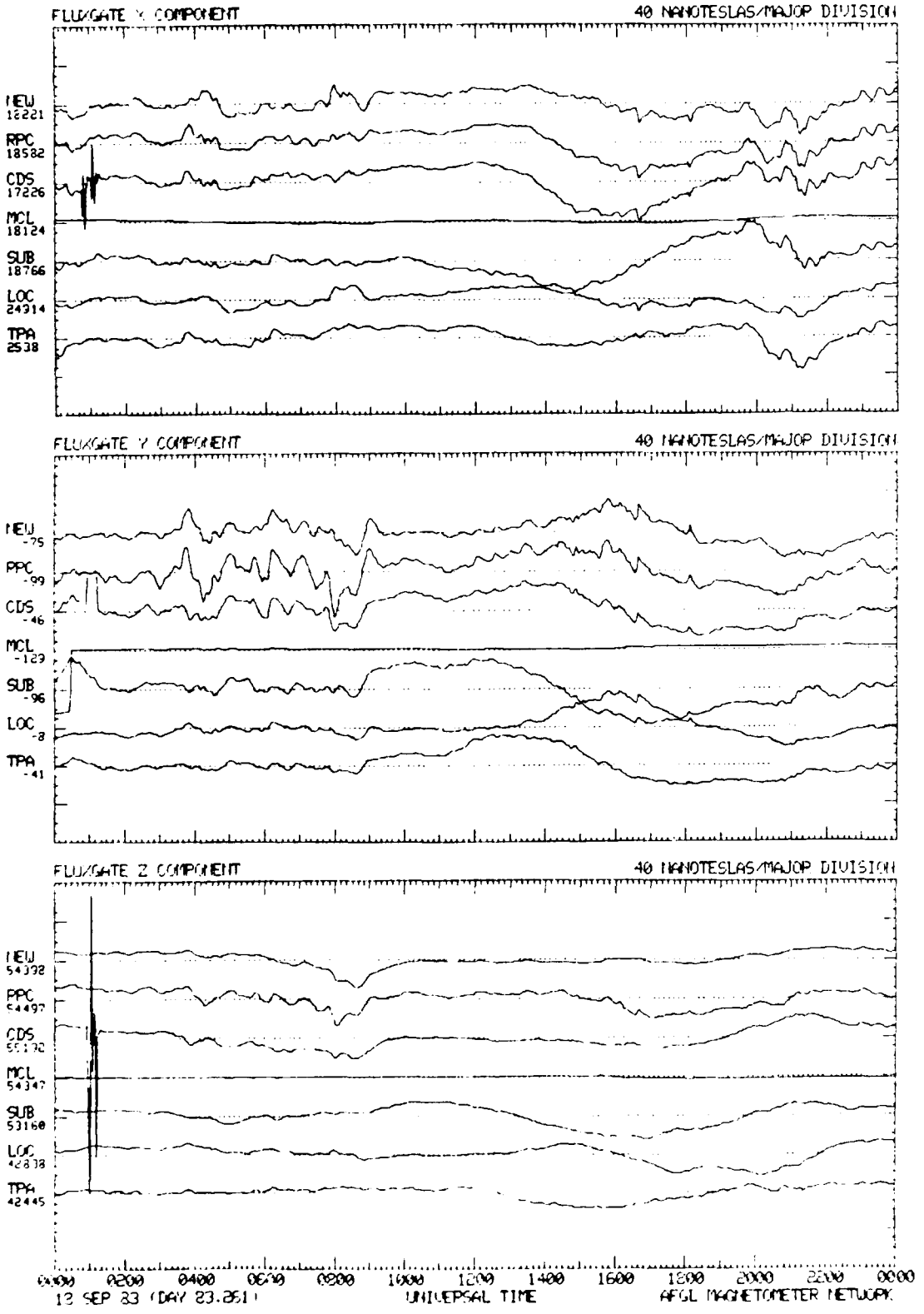

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18233
RPC
18594
CDS
17245
MCL
18187
SUB
18785
LOC
24934
TPA
25402
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-75
RPC
-104
CDS
-49
MCL
-131
SUB
-96
LOC
-11
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54392
RPC
54491
CDS
55195
MCL
54347
SUB
53157
LOC
42238
TPA
42441
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 SEP 83 (DAY 83.256)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

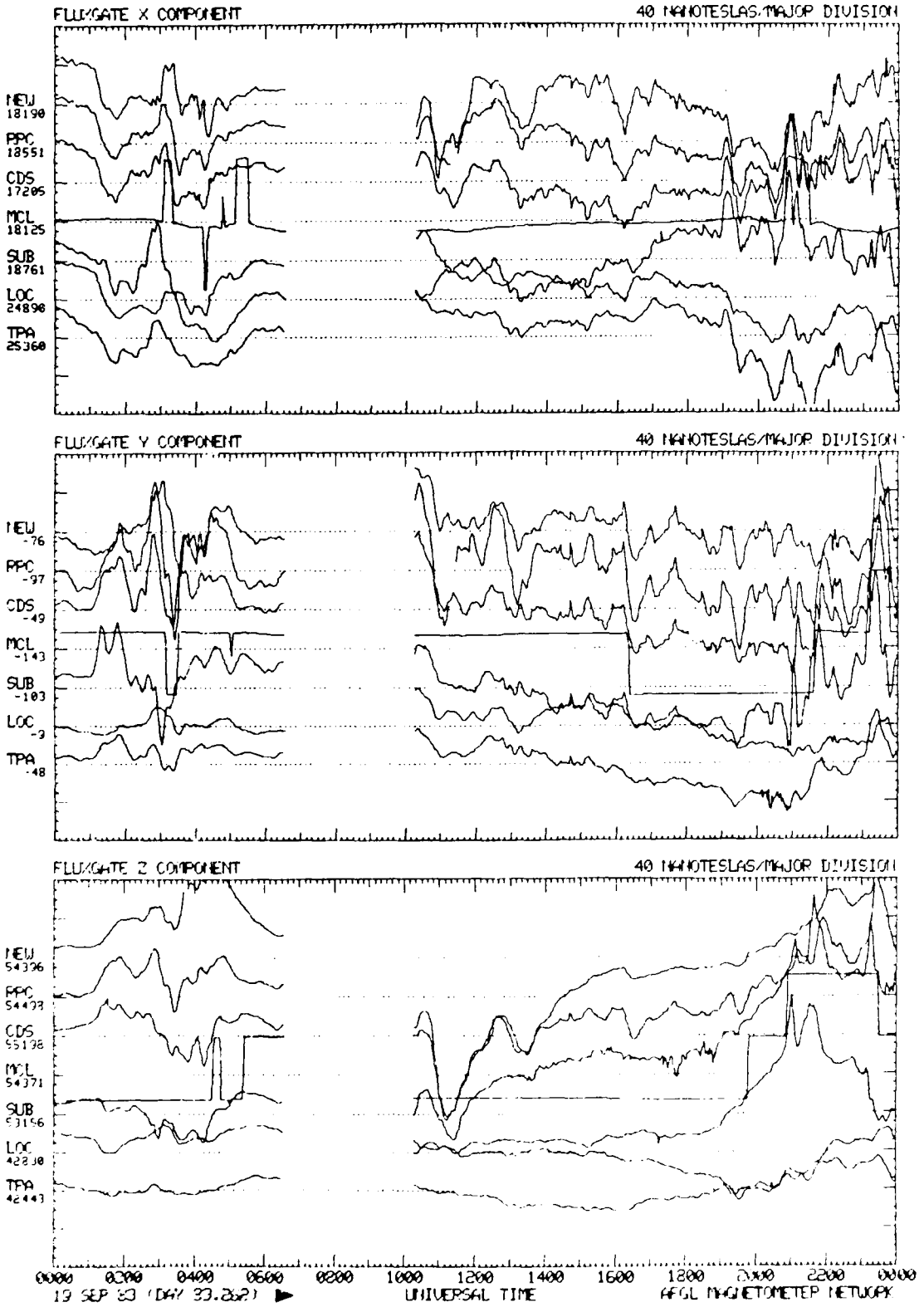

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18238
RPC
18600
CDS
17250
MCL
18187
SUB
18783
LOC
2493
TPA
25406
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-79
RPC
-109
CDS
-53
MCL
-147
SUB
-94
LOC
-16
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54395
RPC
54491
CDS
55197
MCL
54347
SUB
53162
LOC
42836
TPA
42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 SEP 83 (DAY 83.257)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

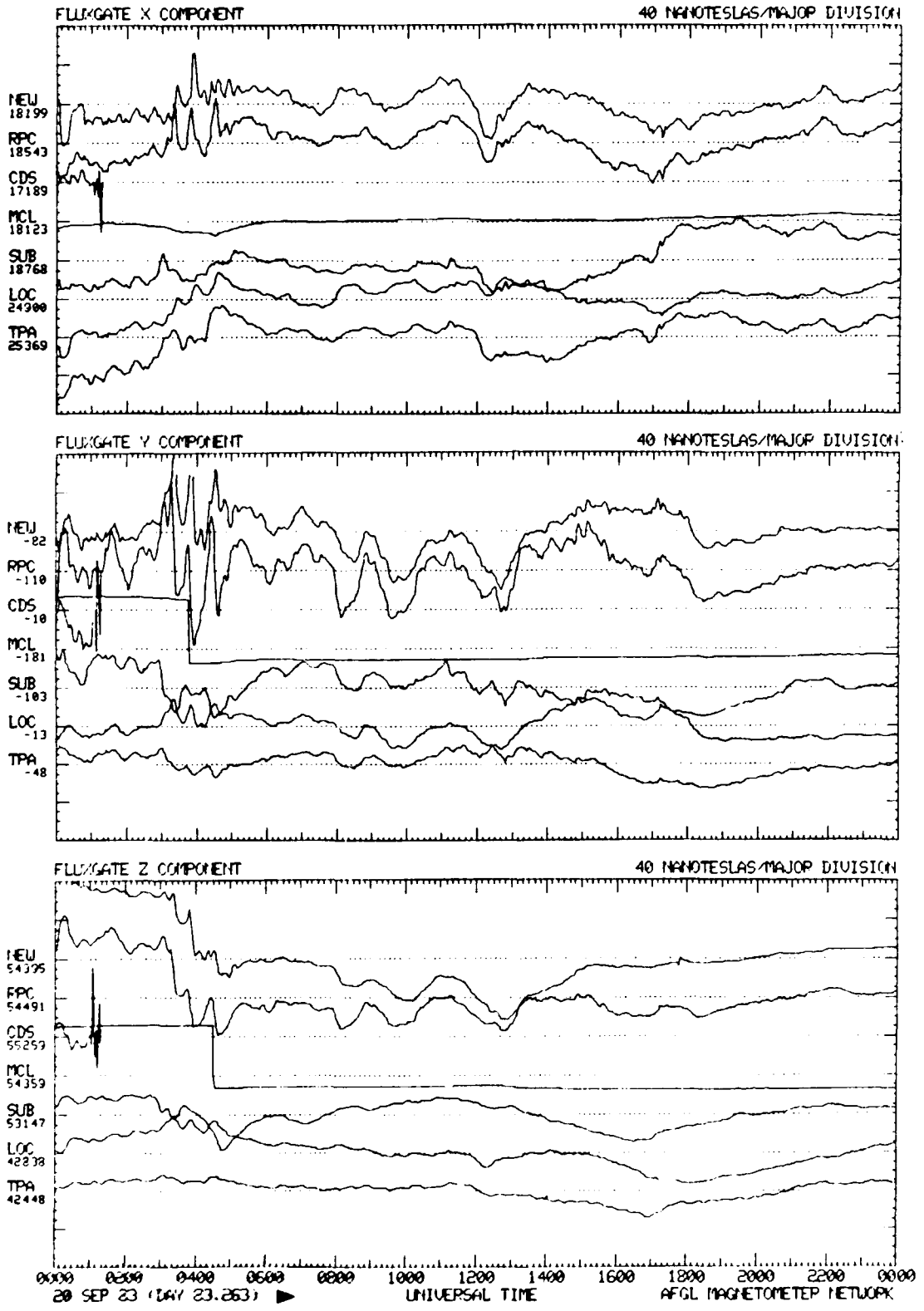

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18227
RPC
18587
CDS
17236
MCL
18167
SUB
18766
LOC
24926
TPA
25391
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-77
RPC
-104
CDS
-50
MCL
-170
SUB
-97
LOC
-13
TPA
-43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54397
RPC
54495
CDS
55191
MCL
54350
SUB
53170
LOC
42833
TPA
42438
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
15 SEP 83 (DAY 83.258)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

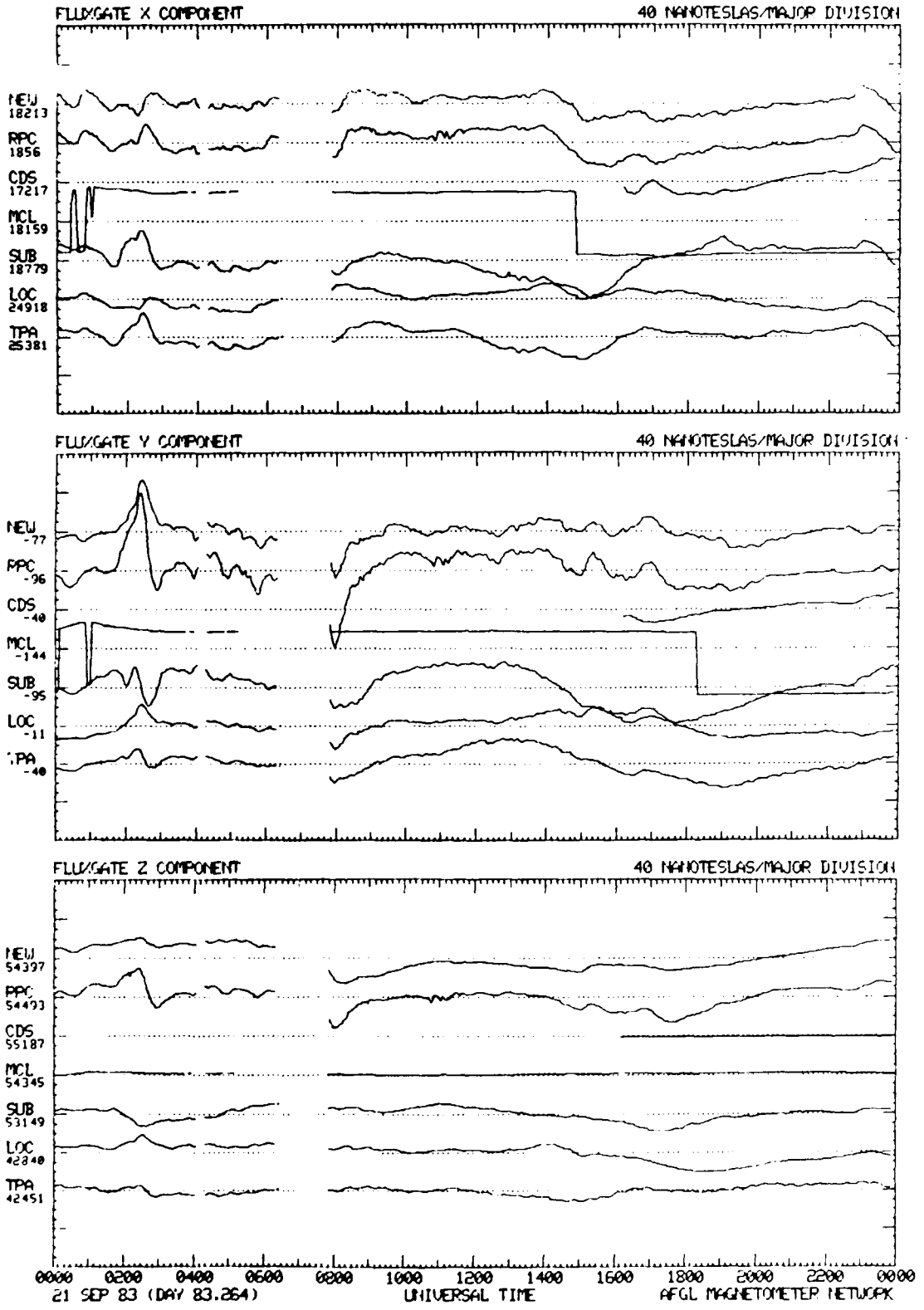

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18207
RPC 18563
CDS 17212
MCL 18114
SUB 18747
LOC 24902
TPA 25371
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -70
RPC -101
CDS -47
MCL -184
SUB -100
LOC -8
TPA -44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54388
RPC 54488
CDS 55183
MCL 54372
SUB 53164
LOC 42803
TPA 42447
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 SEP 83 (DAY 259)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

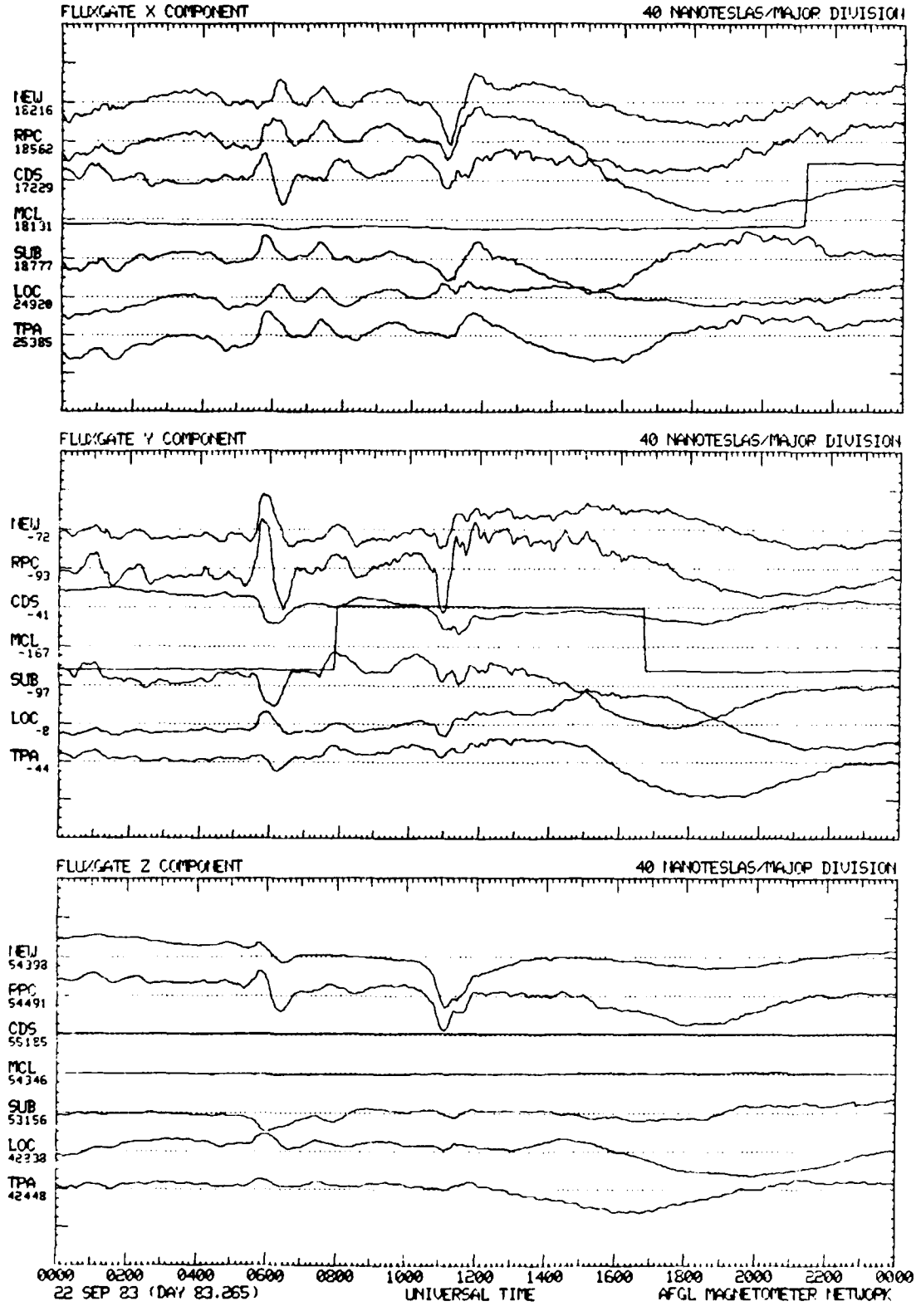

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18212
PPC
18579
CDS
17215
MCL
18121
SUB
18755
LOC
24984
TPA
25376
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-68
PPC
-94
CDS
-41
MCL
-153
SUB
-91
LOC
-7
TPA
-37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54401
PPC
54495
CDS
55126
MCL
54360
SUB
53158
LOC
42446
TPA
42446
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 SEP 23 (DAY 23.260)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

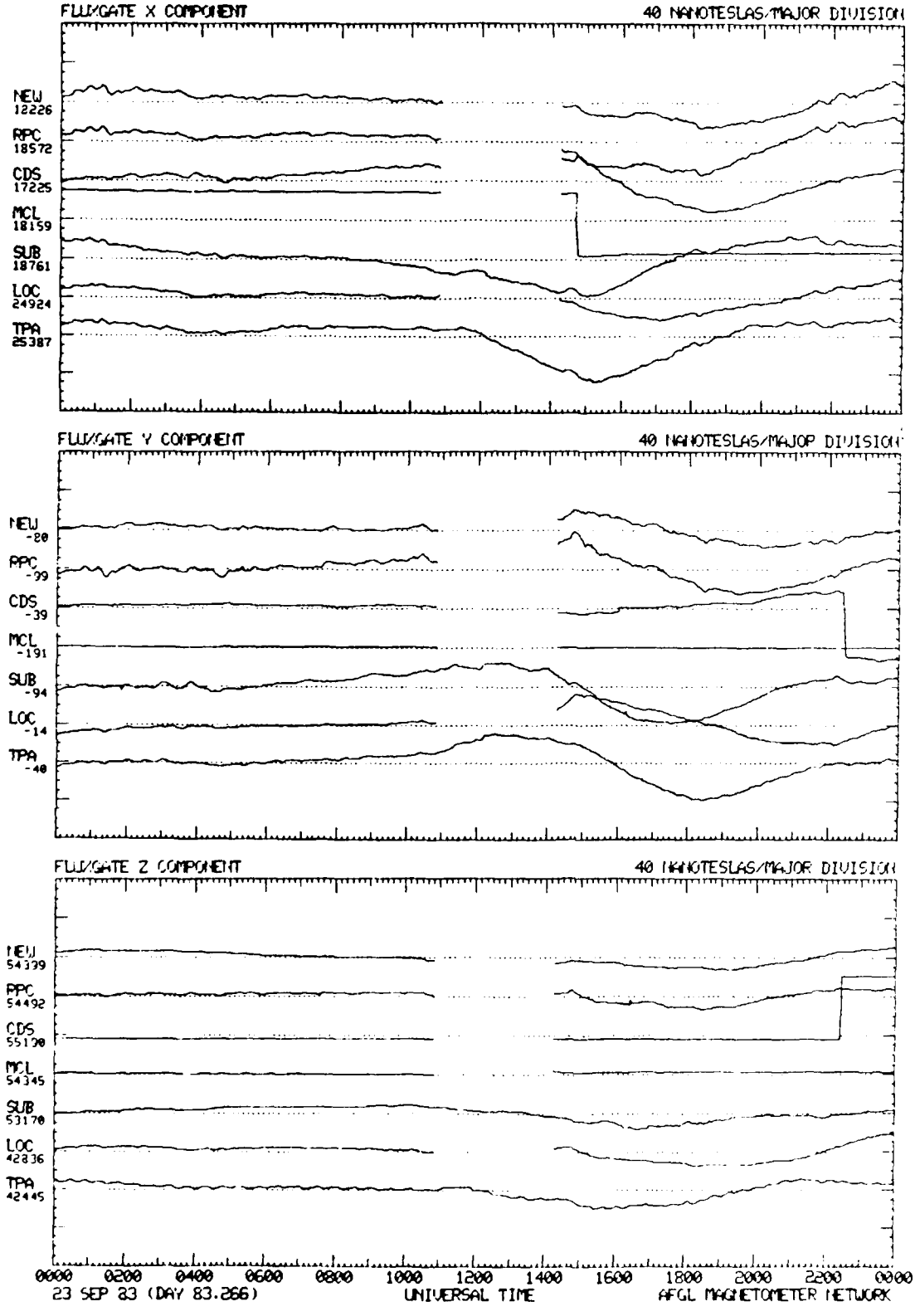

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12221
RPC
18582
CDS
17226
MCL
18124
SUB
18766
LOC
24314
TPA
2538
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-75
PPC
-99
CDS
-46
MCL
-129
SUB
-96
LOC
-8
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54392
PPC
54497
CDS
55170
MCL
54347
SUB
53160
LOC
42838
TPA
42445
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
13 SEP 83 (DAY 83.261)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

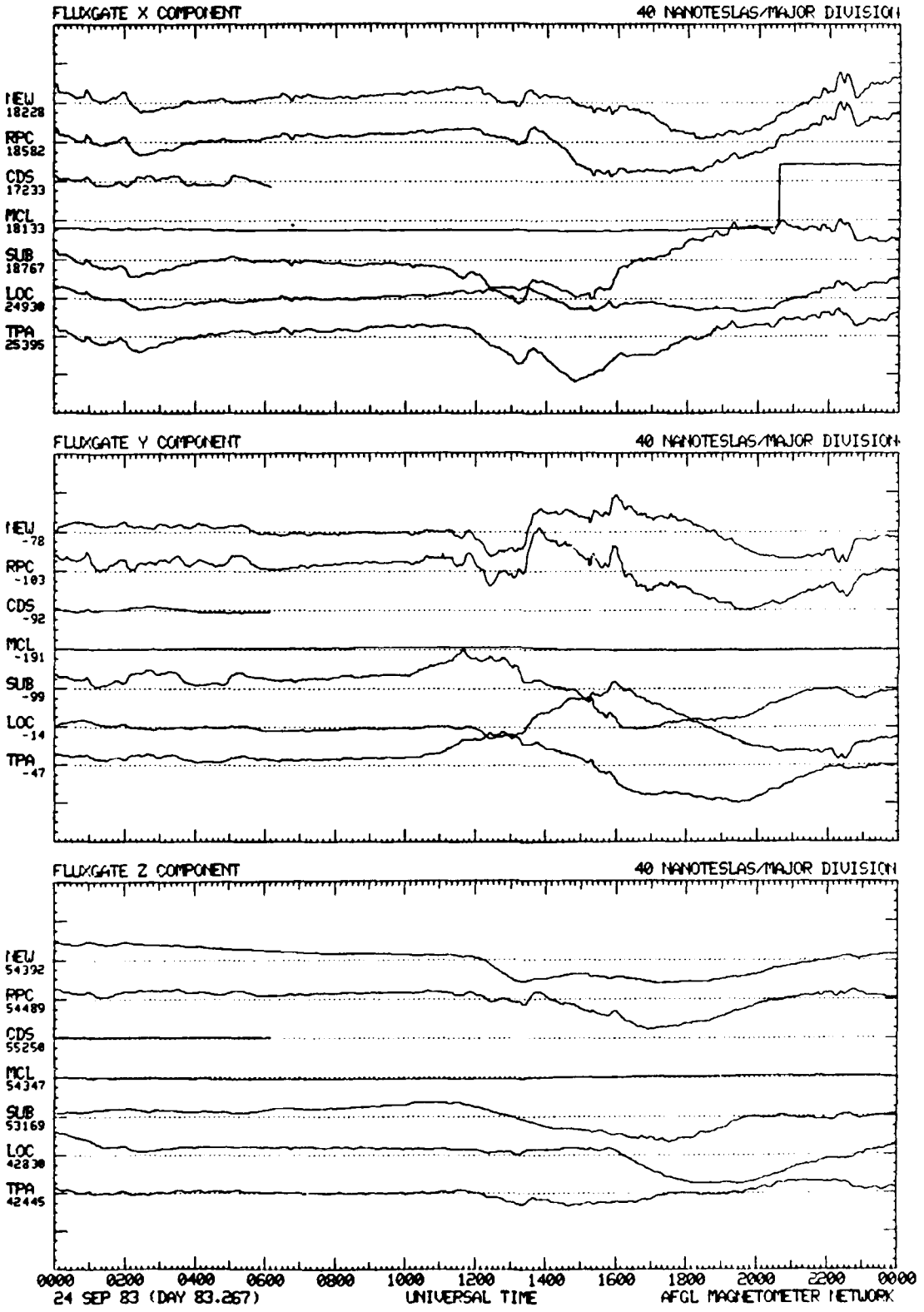

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18190
PPC 18551
CDS 17205
MCL 18125
SUB 18761
LOC 24898
TPA 25360
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -76
PPC -97
CDS -49
MCL -143
SUB -103
LOC -9
TPA -48
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54396
PPC 54493
CDS 55198
MCL 54371
SUB 53196
LOC 42830
TPA 46443
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19 SEP 83 (DAY 33.262)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

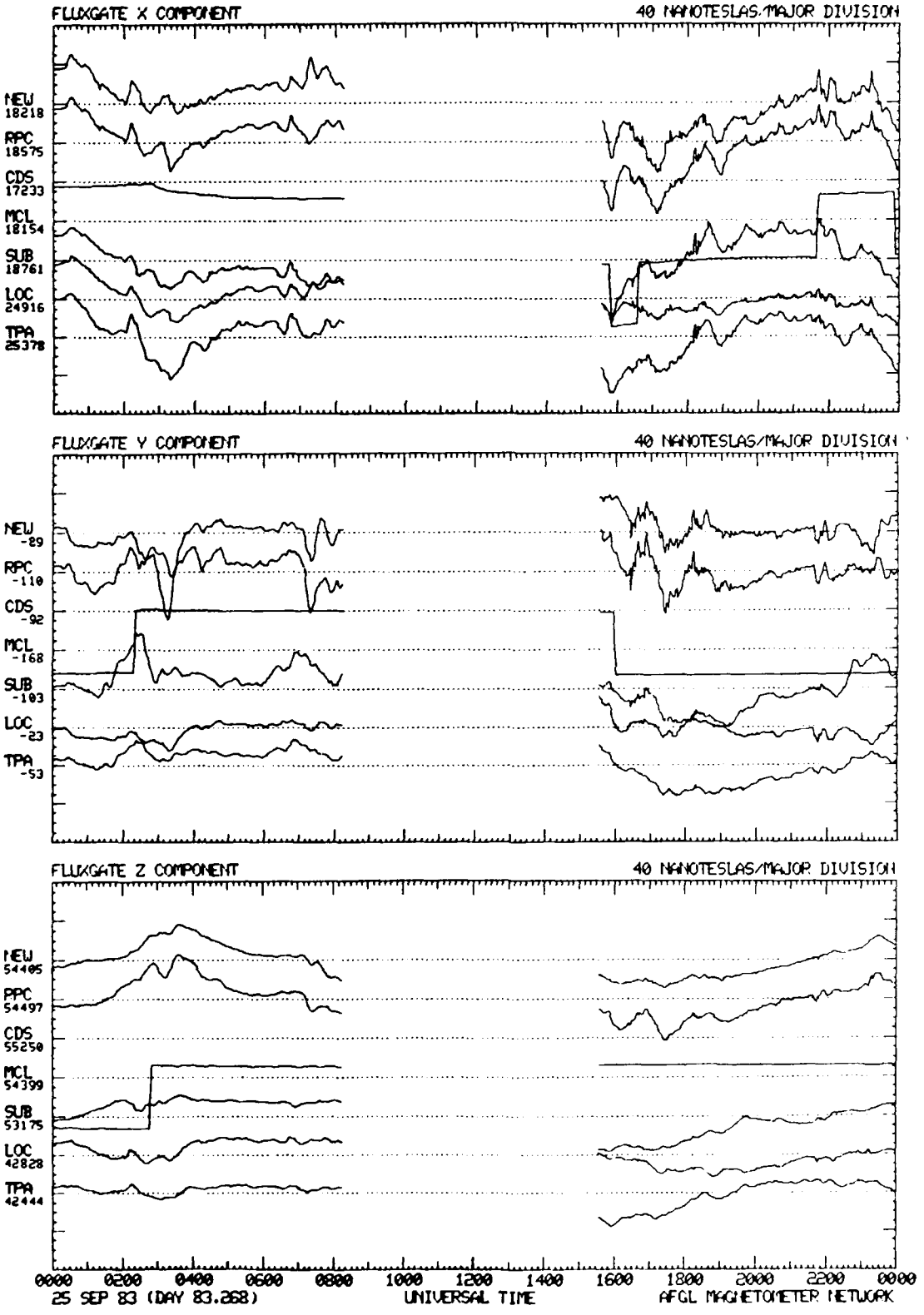

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18199
RPC
18543
CDS
17189
MCL
18123
SUB
18768
LOC
24900
TPA
25369
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-82
RPC
-110
CDS
-10
MCL
-181
SUB
-103
LOC
-13
TPA
-48
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54395
RPC
54491
CDS
55259
MCL
54359
SUB
53147
LOC
42838
TPA
42448
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 SEP 23 (DAY 23.263)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

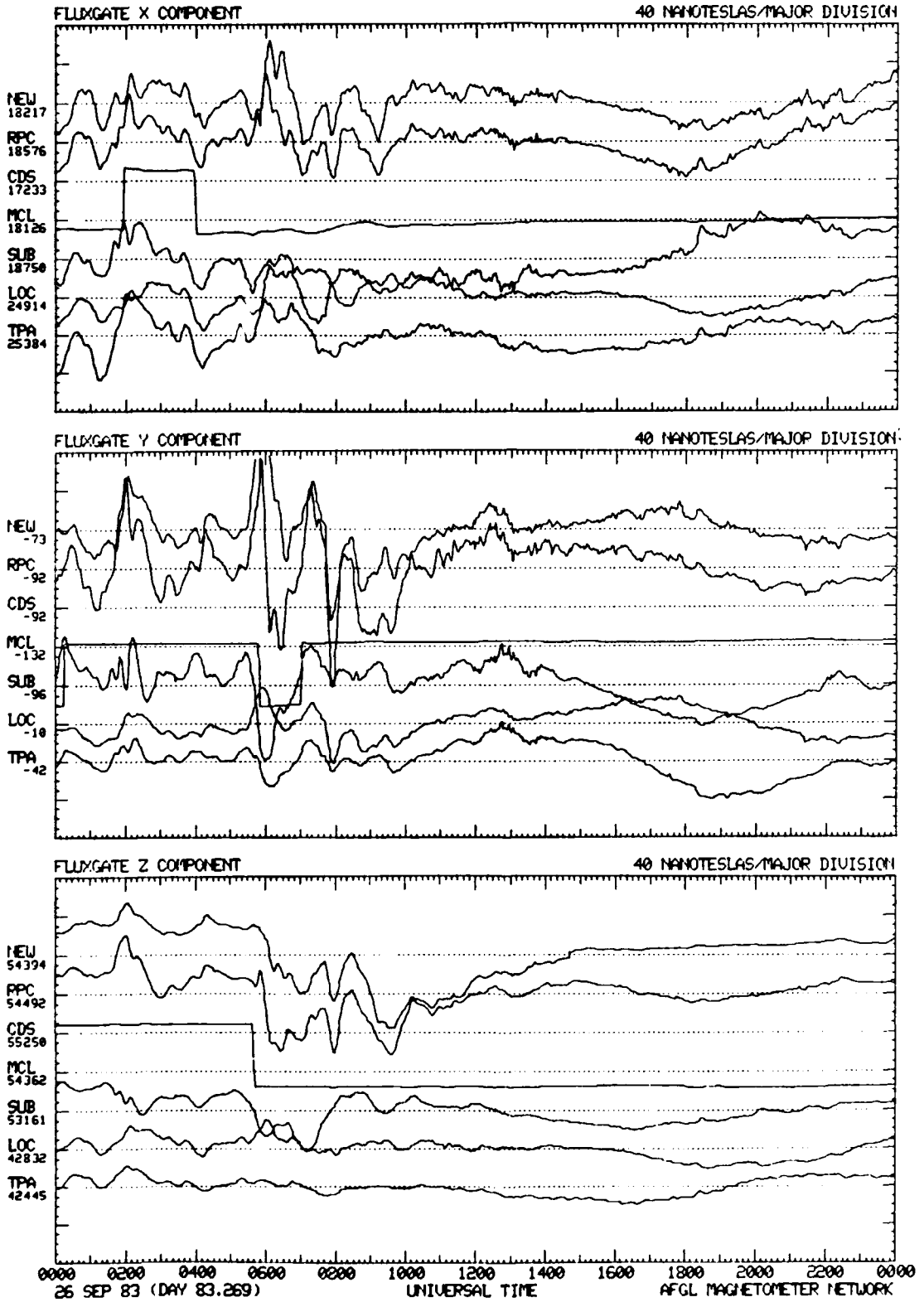

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18213
RPC 1856
CDS 17217
MCL 18159
SUB 18779
LOC 24918
TPA 25381
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -77
RPC -96
CDS -40
MCL -144
SUB -95
LOC -11
TPA -40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54397
RPC 54493
CDS 55187
MCL 54345
SUB 53149
LOC 42840
TPA 42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 SEP 83 (DAY 83.264)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

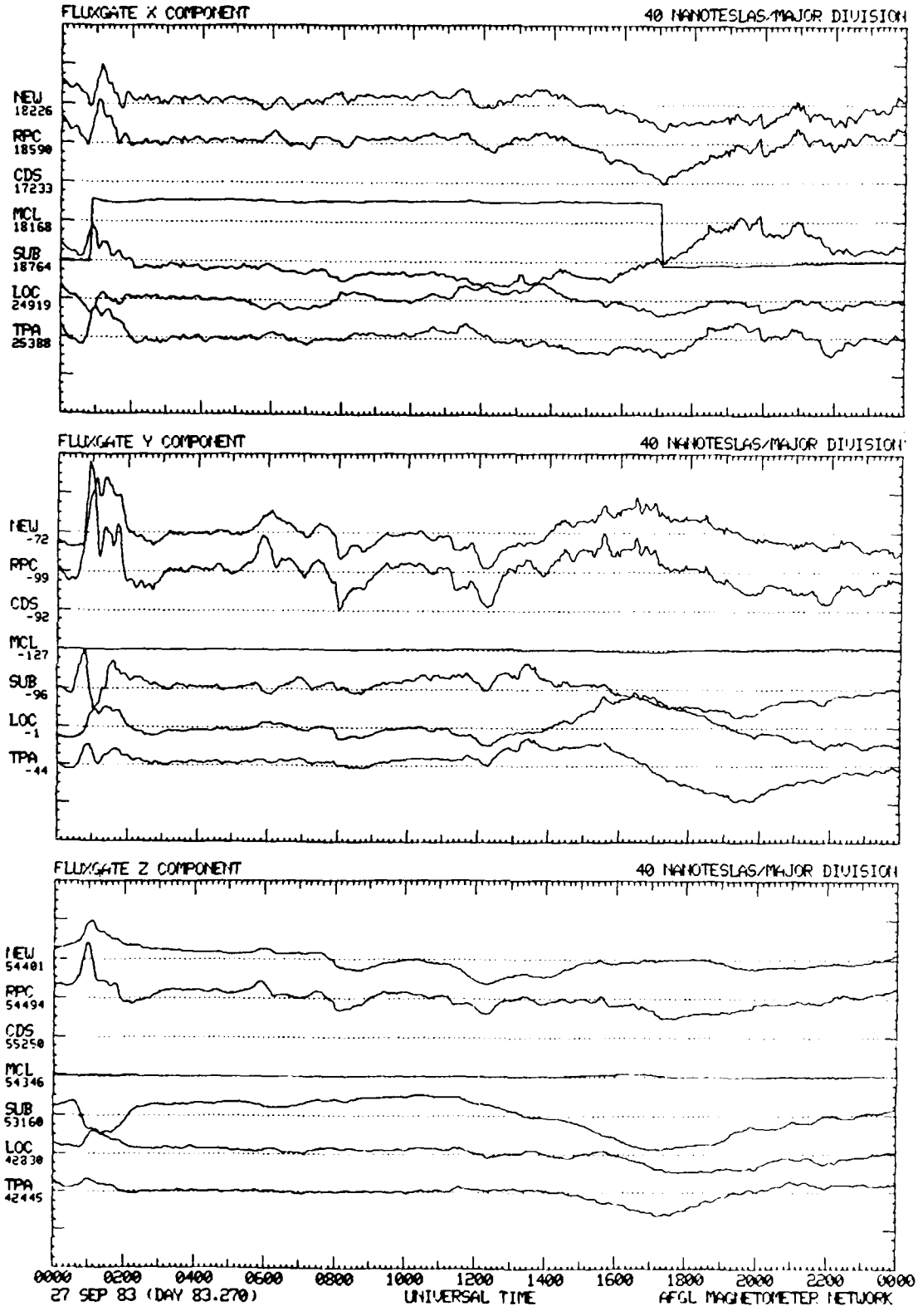

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18216
RPC
18562
CDS
17229
MCL
18131
SUB
18777
LOC
24920
TPA
25385
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-72
RPC
-93
CDS
-41
MCL
-167
SUB
-97
LOC
-8
TPA
-44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54398
RPC
54491
CDS
55185
MCL
54346
SUB
53156
LOC
42938
TPA
42448
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 SEP 23 (DAY 83.265)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

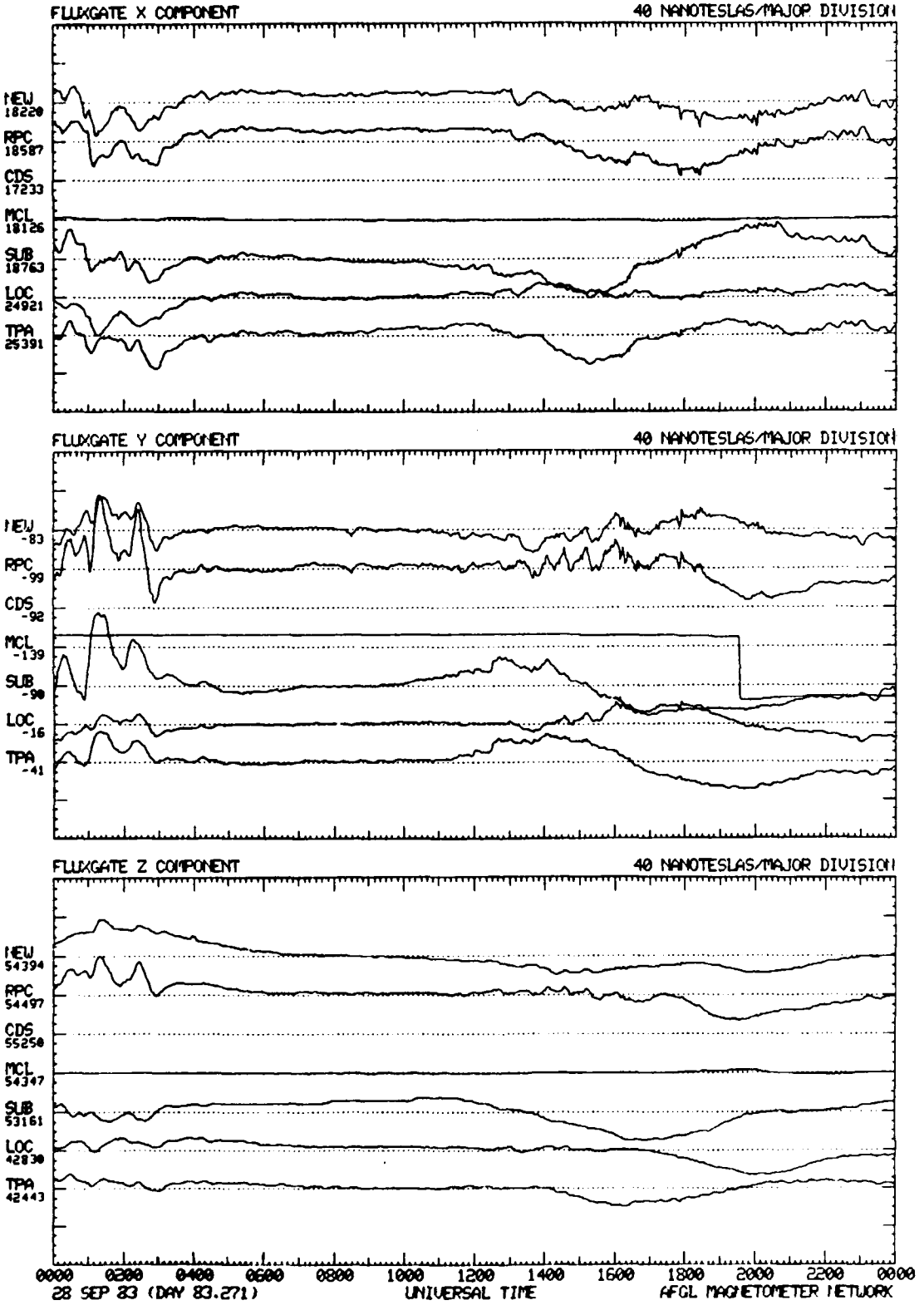

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 12226
RPC 18572
CDS 17225
MCL 18159
SUB 18761
LOC 24924
TPA 25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -80
RPC -99
CDS -39
MCL -191
SUB -94
LOC -14
TPA -40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54399
RPC 54492
CDS 55170
MCL 54345
SUB 53170
LOC 42836
TPA 42445
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 SEP 83 (DAY 83.266)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

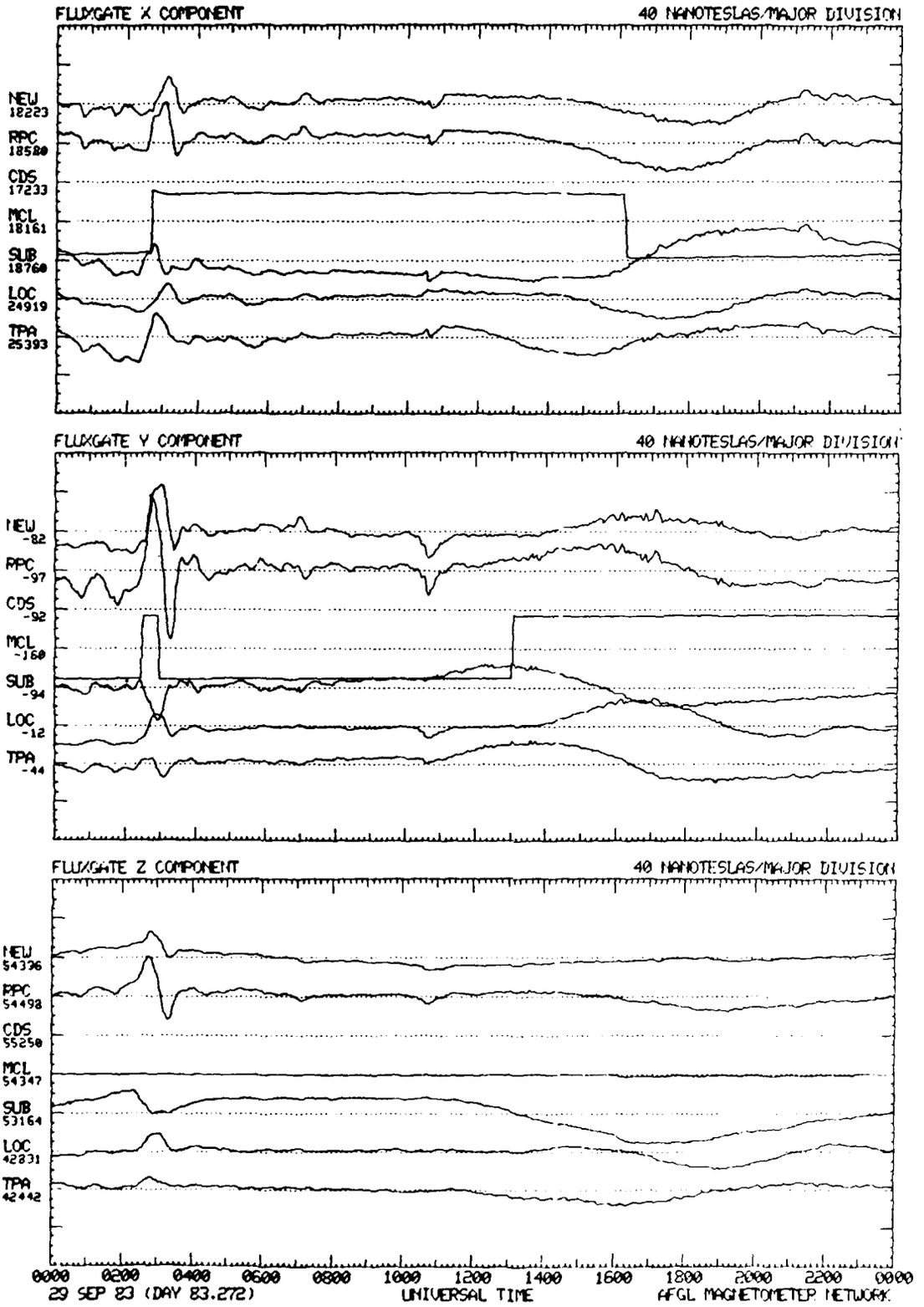

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18228
RPC 18582
CDS 17233
MCL 18133
SUB 18767
LOC 24930
TPA 25395
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -78
RPC -103
CDS -92
MCL -191
SUB -99
LOC -14
TPA -47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54392
RPC 54489
CDS 55250
MCL 54347
SUB 53169
LOC 42830
TPA 42445
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 SEP 83 (DAY 83.267)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

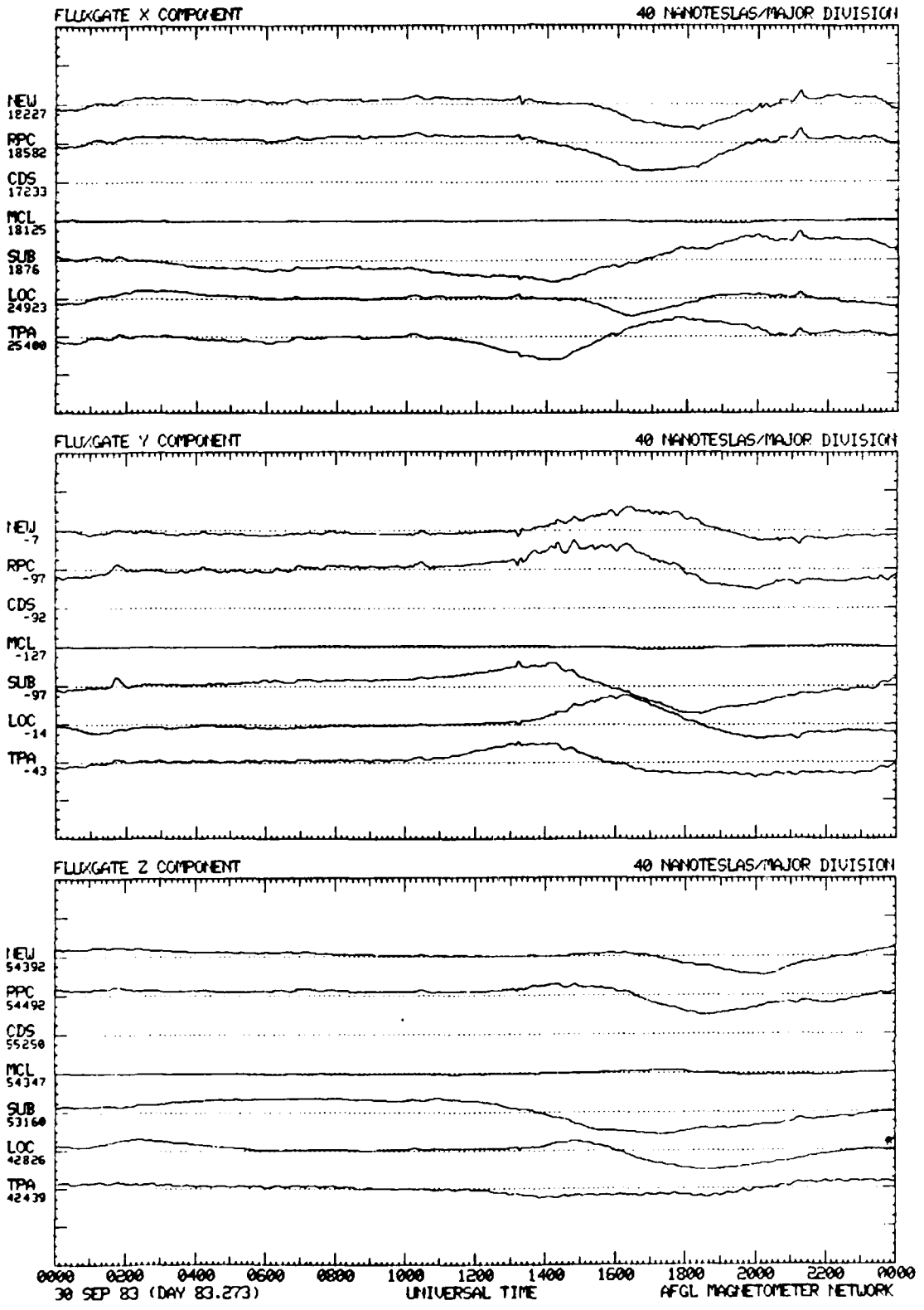

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18218
RPC
18575
CDS
17233
MCL
18154
SUB
18761
LOC
24916
TPA
25378
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-89
RPC
-110
CDS
-92
MCL
-168
SUB
-103
LOC
-23
TPA
-53
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54405
RPC
54497
CDS
55250
MCL
54399
SUB
53175
LOC
42828
TPA
42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 SEP 83 (DAY 83.268)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

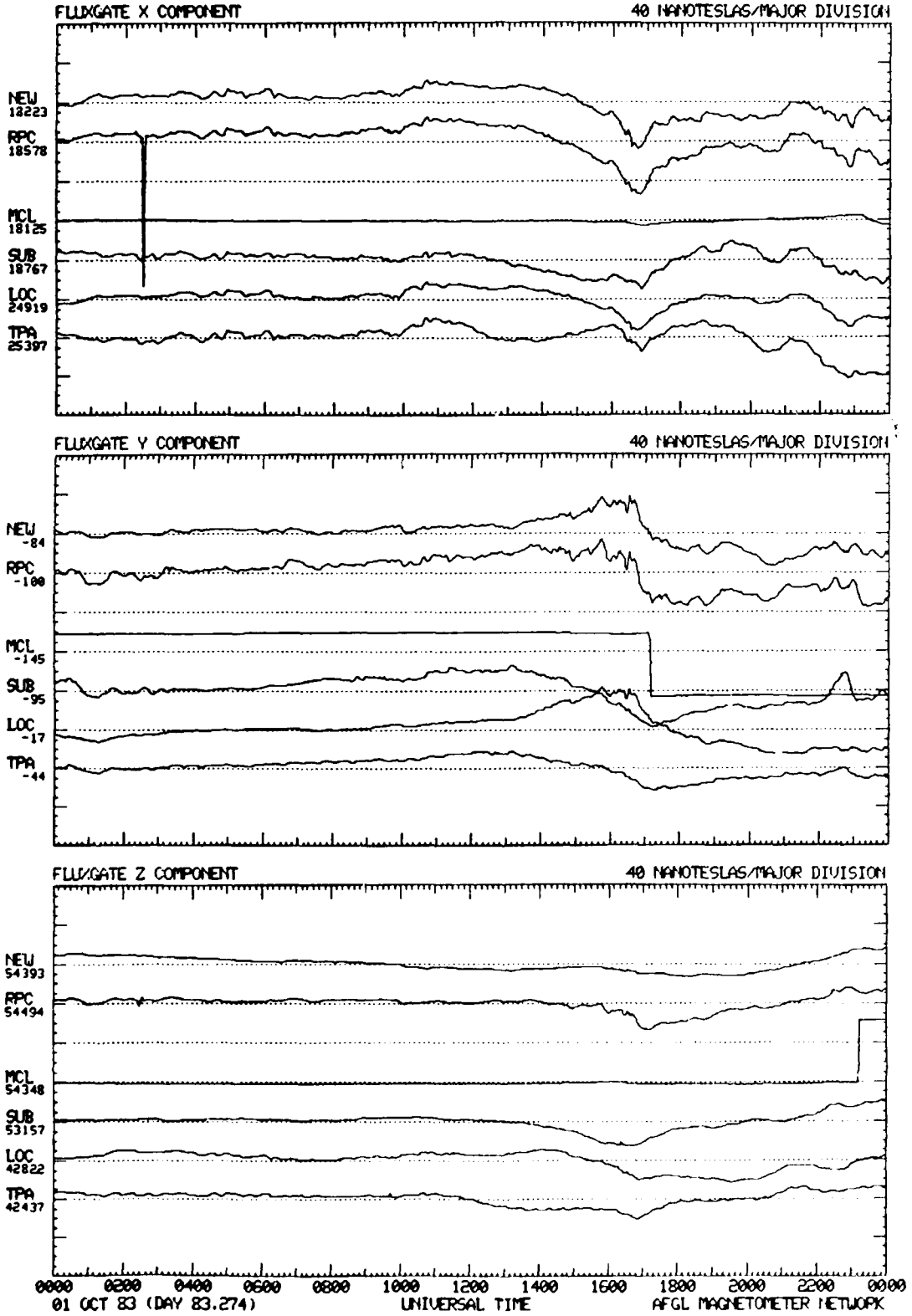

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18217
RPC
18576
CDS
17233
MCL
18126
SUB
18750
LOC
24914
TPA
25384
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-73
RPC
-92
CDS
-92
MCL
-132
SUB
-96
LOC
-10
TPA
-42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54394
RPC
54492
CDS
55250
MCL
54362
SUB
53161
LOC
42832
TPA
42445
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 SEP 83 (DAY 83.269)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

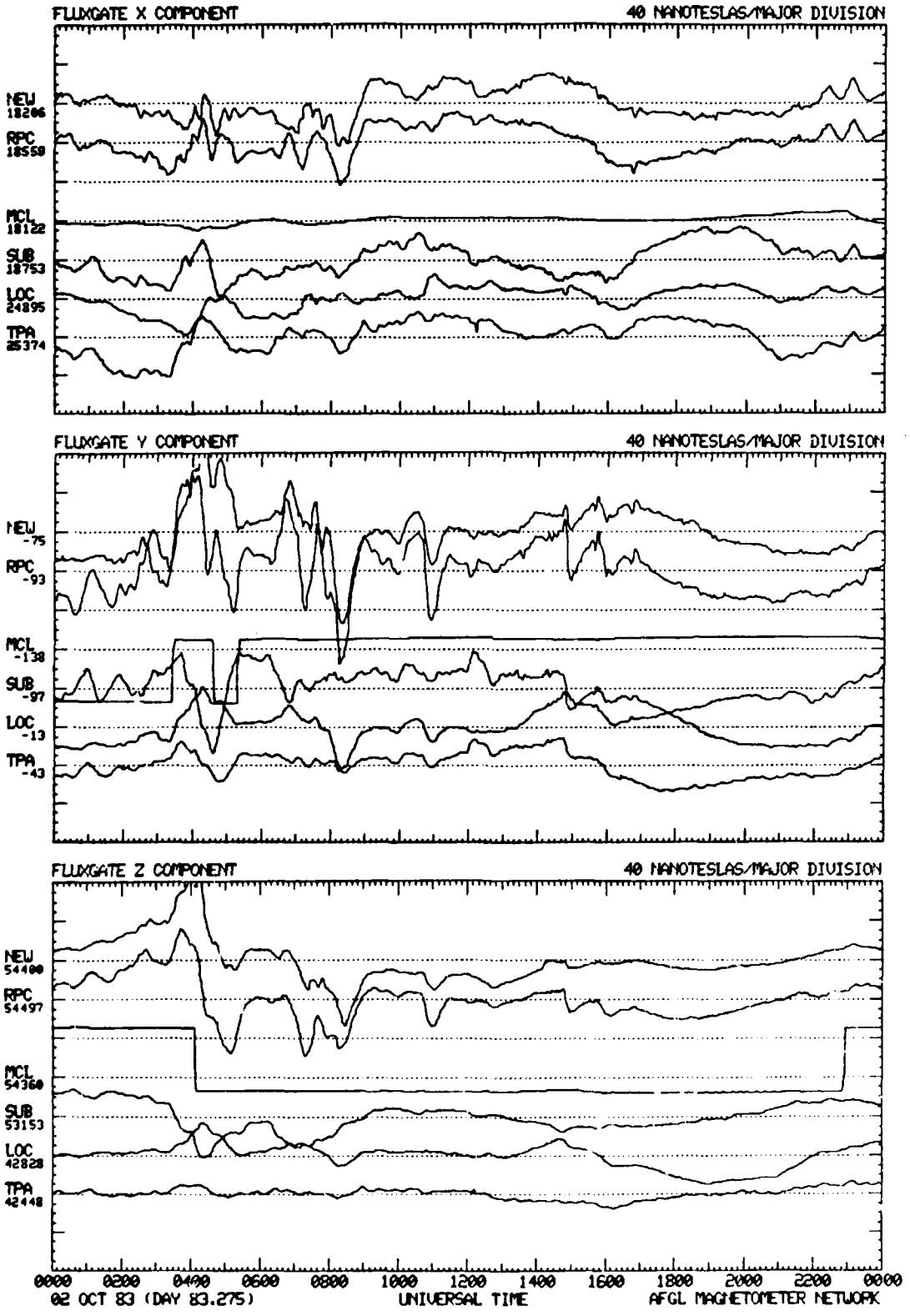

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18226
RPC
18590
CDS
17233
MCL
18168
SUB
18764
LOC
24919
TPA
25388
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-72
RPC
-99
CDS
-92
MCL
-127
SUB
-96
LOC
-1
TPA
-44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54401
RPC
54494
CDS
55250
MCL
54346
SUB
53160
LOC
42830
TPA
42445
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
27 SEP 83 (DAY 83.270)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18220
RPC
18587
CDS
17233
MCL
18126
SUB
18763
LOC
24921
TPA
25391
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-83
RPC
-99
CDS
-92
MCL
-139
SUB
-90
LOC
-16
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54394
RPC
54497
CDS
55250
MCL
54347
SUB
53161
LOC
42830
TPA
42443
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 SEP 83 (DAY 83.271)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18223
RPC 18580
CDS 17233
MCL 18161
SUB 18760
LOC 24919
TPA 25393
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -82
RPC -97
CDS -92
MCL -160
SUB -94
LOC -12
TPA -44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54396
RPC 54498
CDS 55250
MCL 54347
SUB 53164
LOC 42831
TPA 42442
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 SEP 83 (DAY 83.272)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

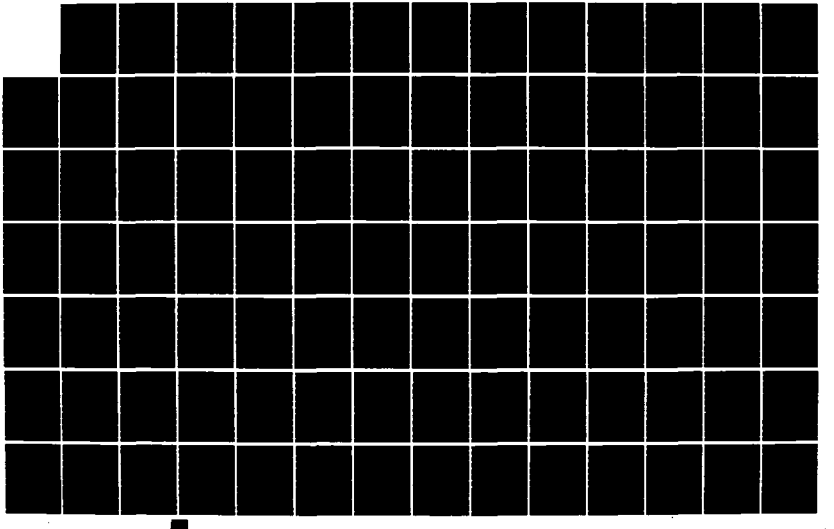

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18227
RPC
18582
CDS
17233
MCL
18125
SUB
1876
LOC
24923
TPA
25480
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-7
RPC
-97
CDS
-92
MCL
-127
SUB
-97
LOC
-14
TPA
-43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54392
RPC
54492
CDS
55250
MCL
54347
SUB
53160
LOC
42826
TPA
42439
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30 SEP 83 (DAY 83.273)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

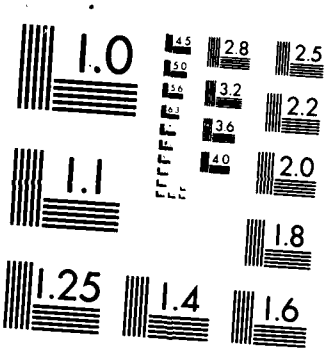

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13223
RPC
18578
MCL
18125
SUB
18767
LOC
24919
TPA
25397
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-84
RPC
-100
MCL
-145
SUB
-95
LOC
-17
TPA
-44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54393
RPC
54494
MCL
54348
SUB
53157
LOC
42822
TPA
42437
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 OCT 83 (DAY 83.274)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18206
RPC
18559
MCL
18122
SUB
18753
LOC
24895
TPA
25374
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-75
RPC
-93
MCL
-138
SUB
-97
LOC
-13
TPA
-43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54400
RPC
54497
MCL
54360
SUB
53153
LOC
42828
TPA
42448
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02 OCT 83 (DAY 83.275)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

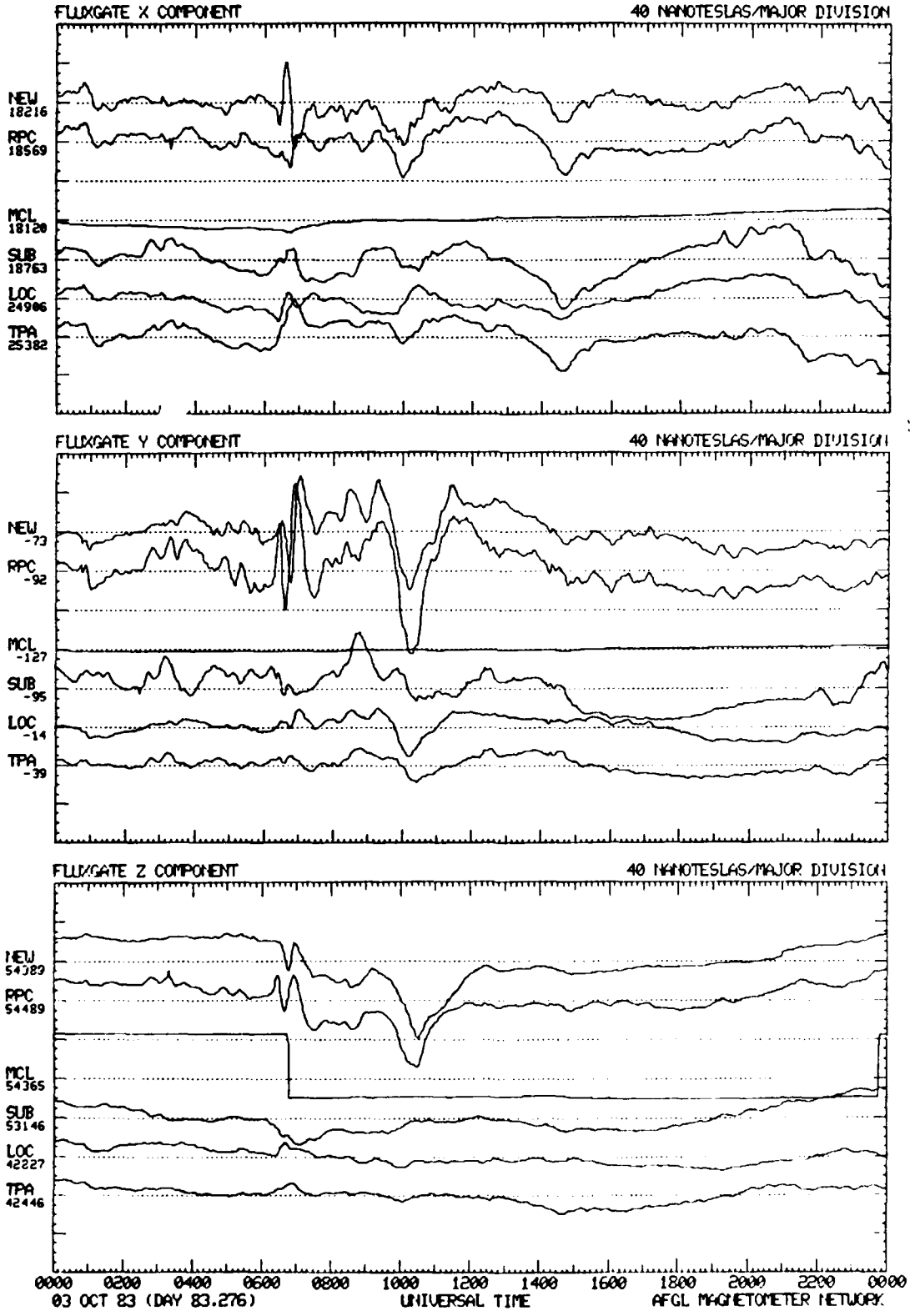
AD-A173 765 DAILY MAGNETOGRAMS FOR 1983 FROM THE AFGL (AIR FORCE GEOPHYSICS LABORATORY) NETWORK(U) AIR FORCE GEOPHYSICS LAB HANSCOM AFB MA D J KNECHT 21 MAR 85 4/5

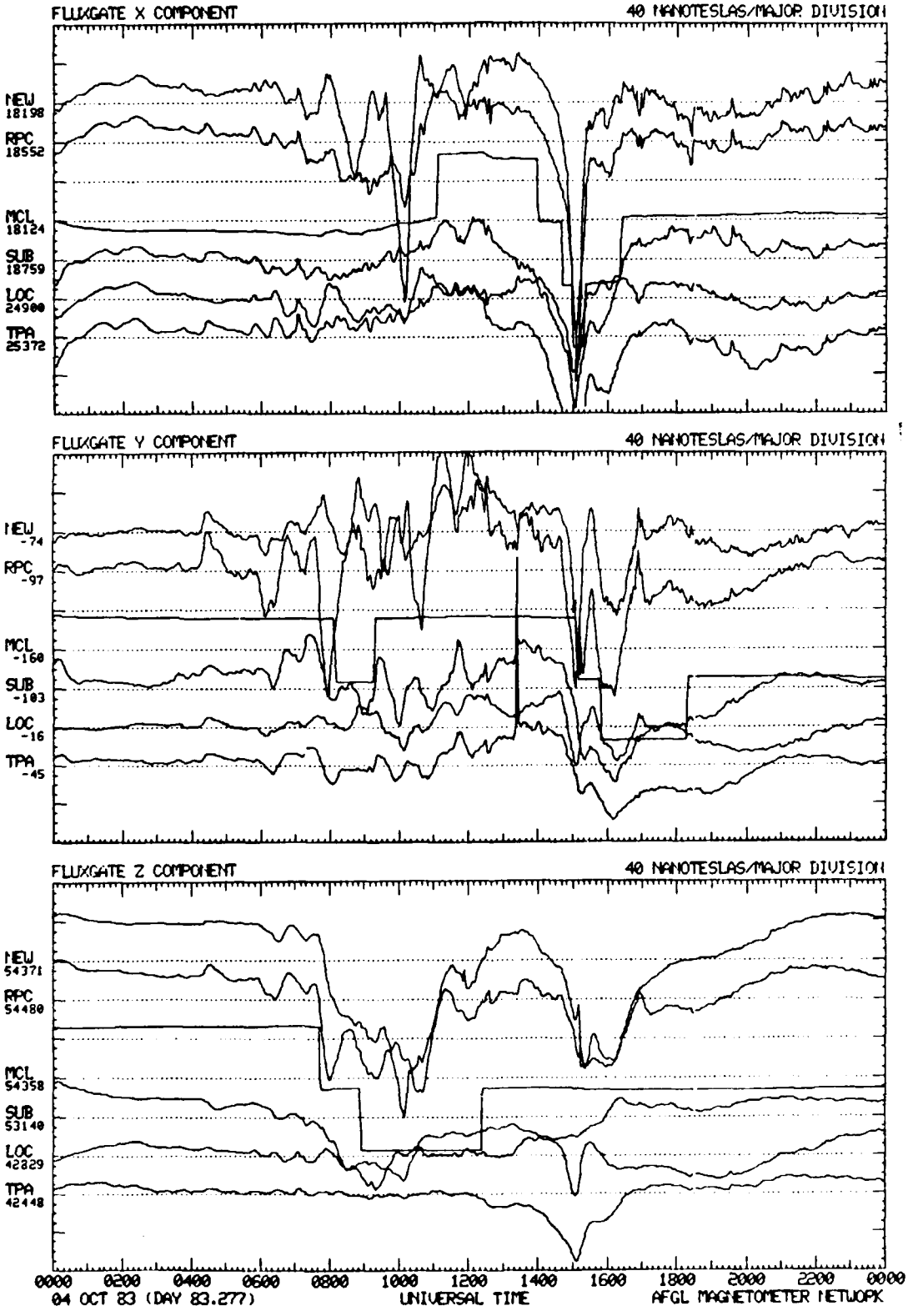
UNCLASSIFIED AFGL-TR-85-0032 F/G 8/14 NL

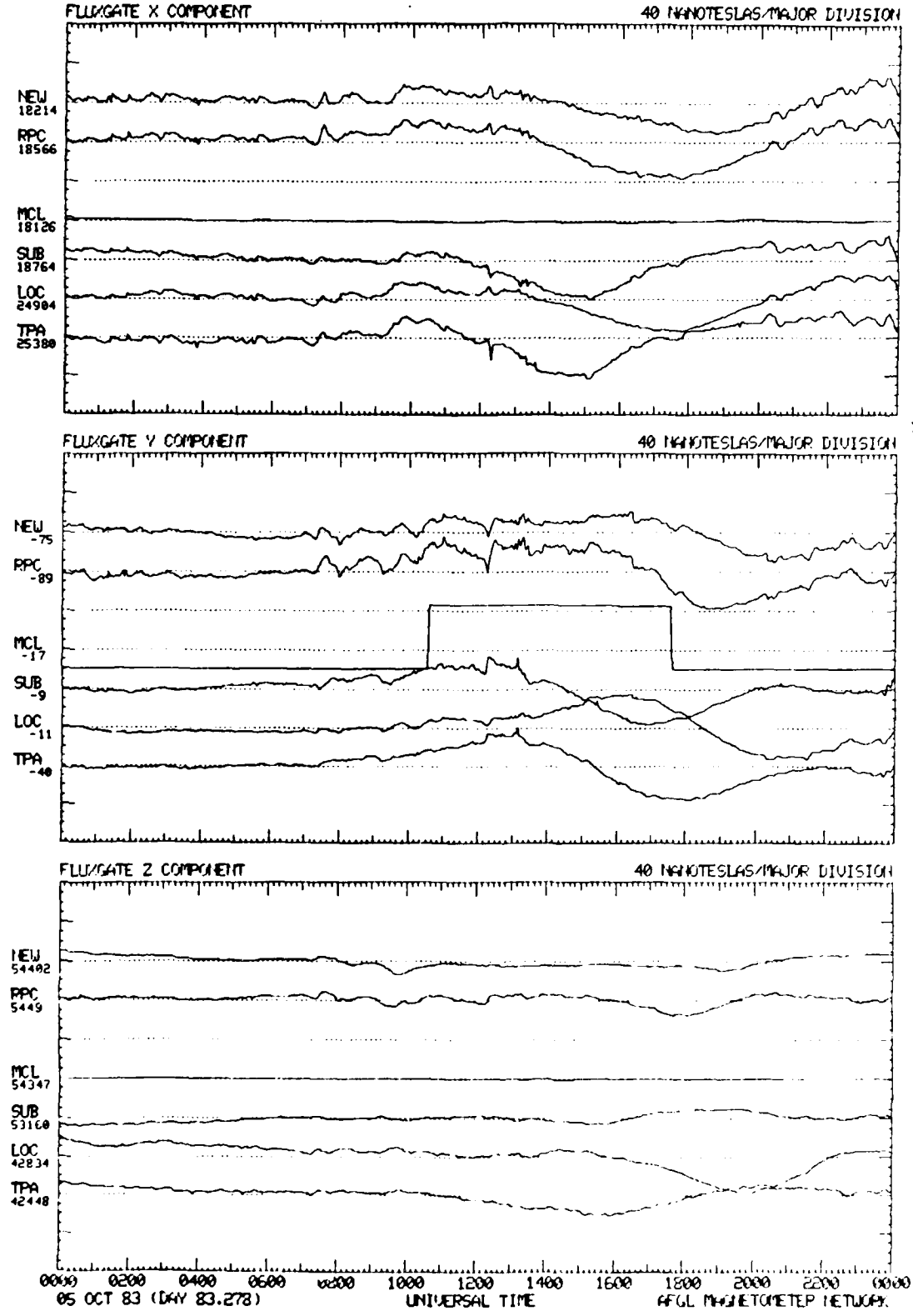


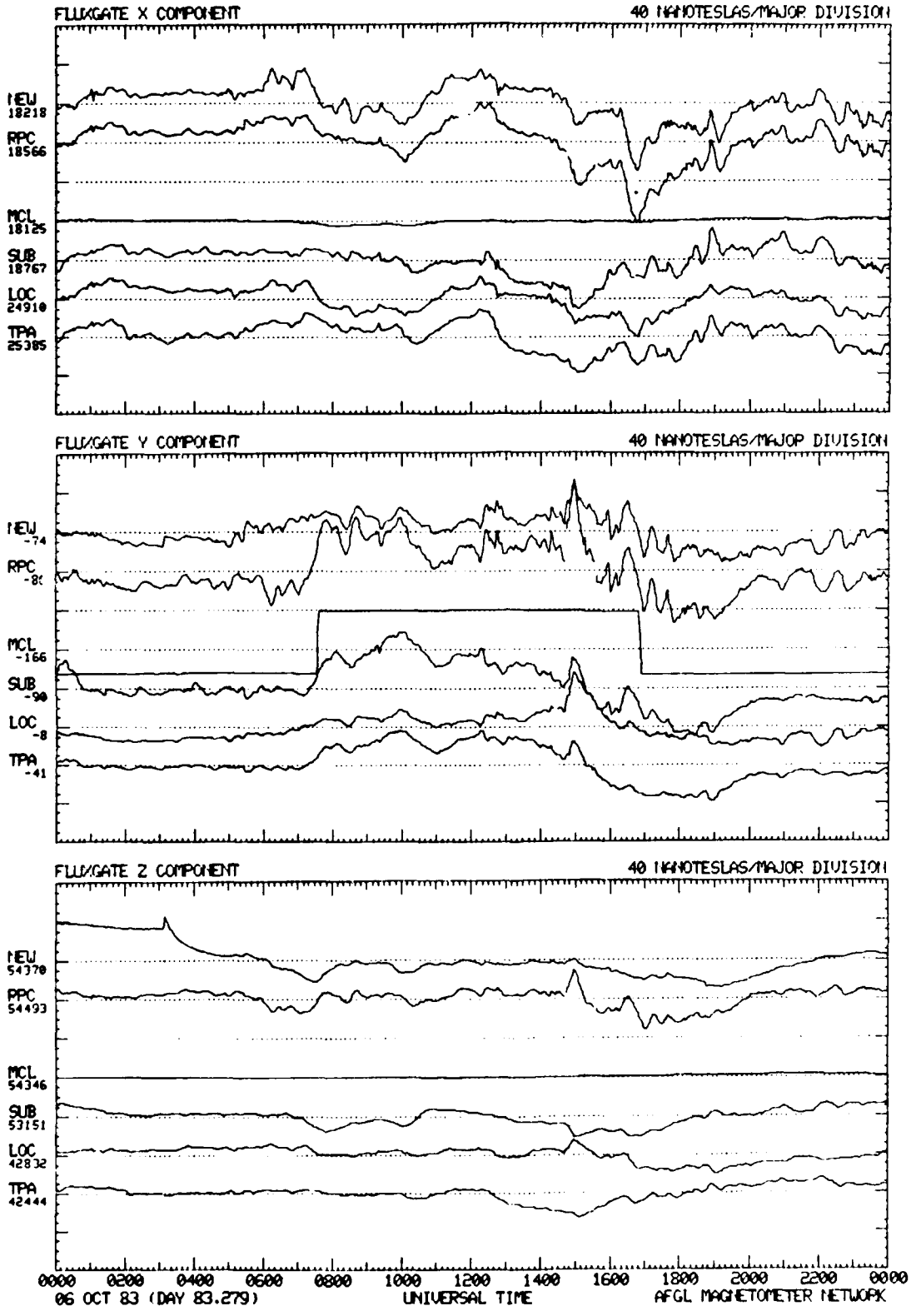


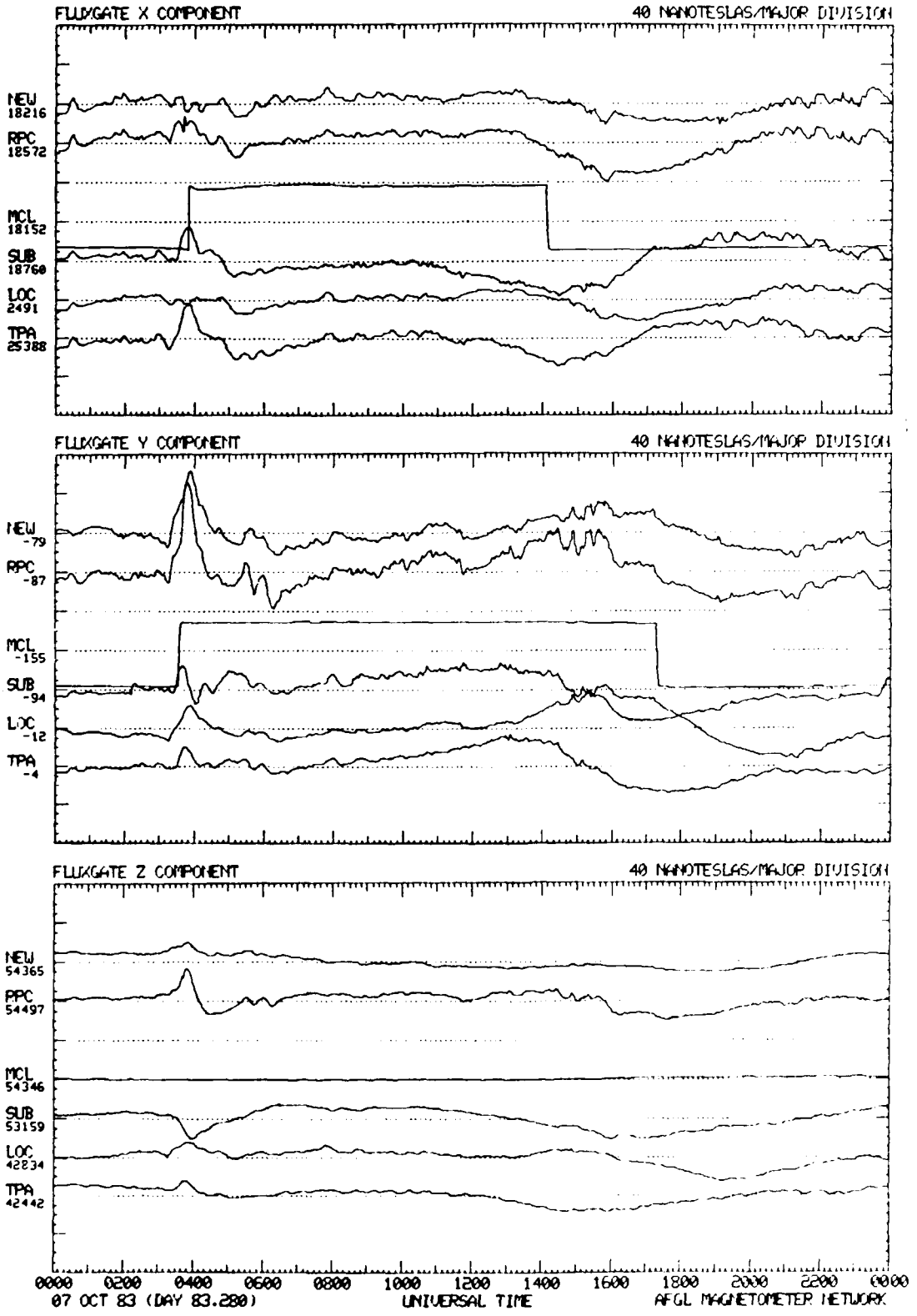
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

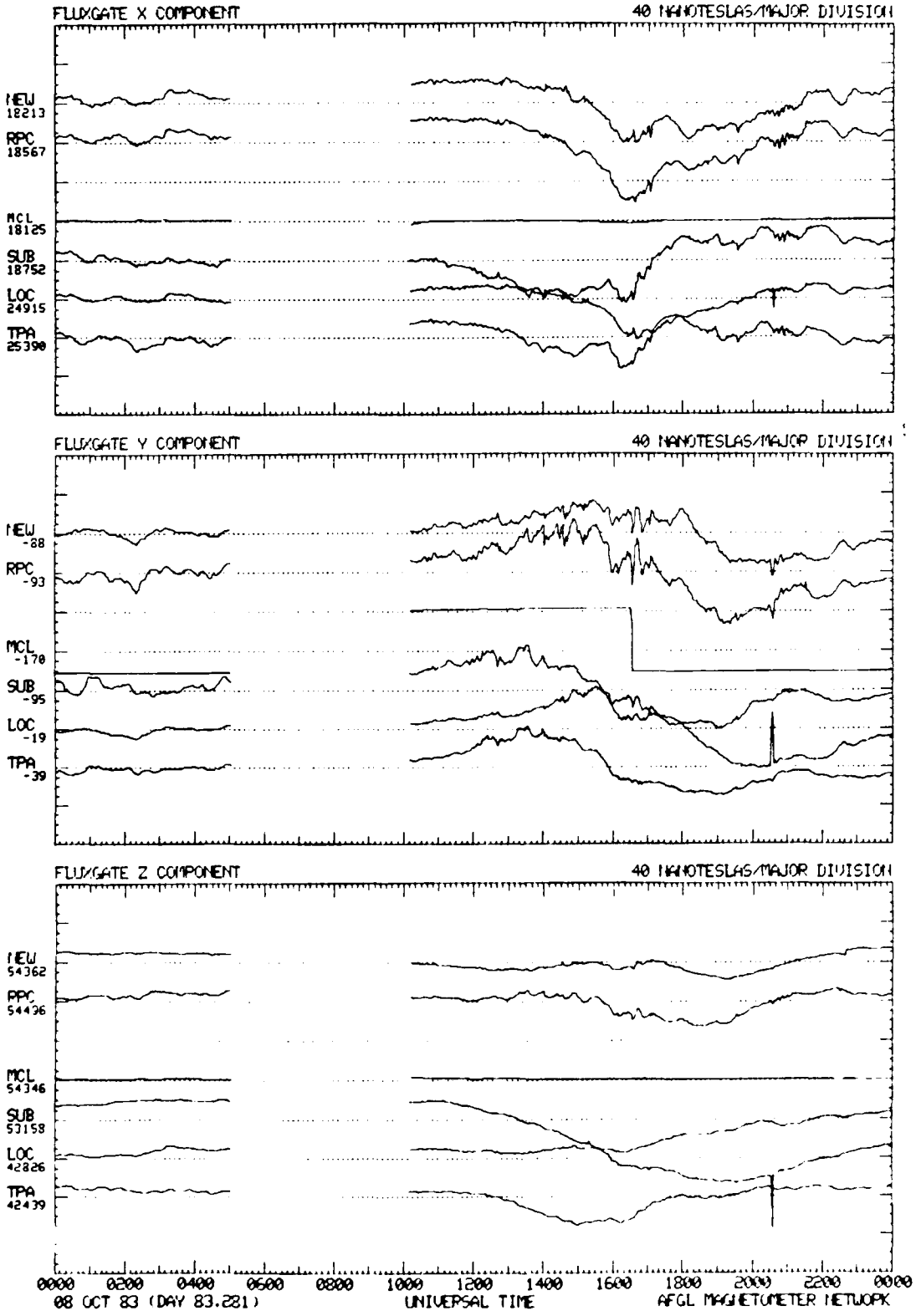

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18216
RPC
18569
MCL
18120
SUB
18763
LOC
24906
TPA
25382
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-73
RPC
-92
MCL
-127
SUB
-95
LOC
-14
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54389
RPC
54489
MCL
54365
SUB
53146
LOC
42227
TPA
42446
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 OCT 83 (DAY 83.276)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

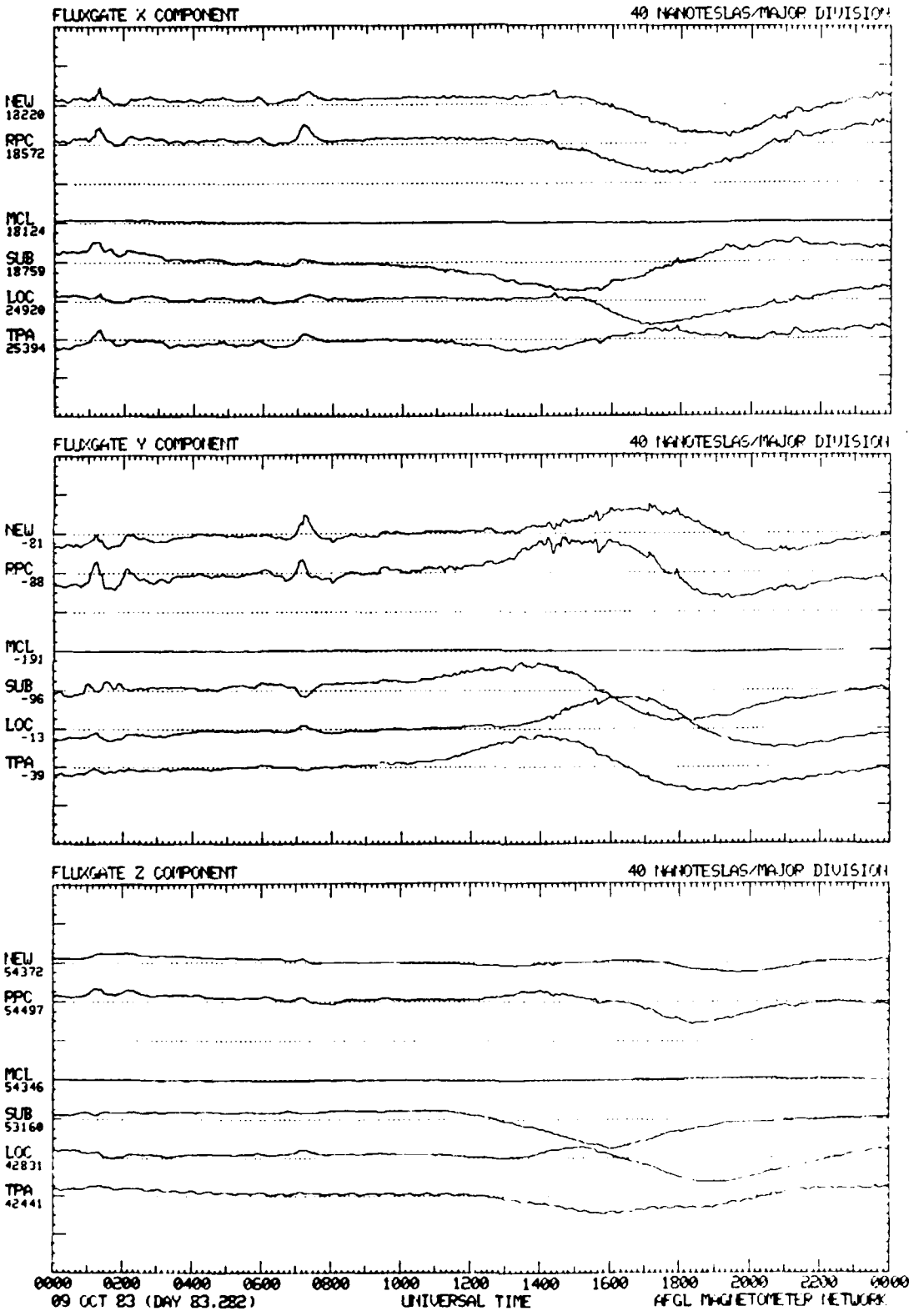

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18198
RPC
18552
MCL
18124
SUB
18759
LOC
24900
TPA
25372
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-74
RPC
-97
MCL
-160
SUB
-103
LOC
-16
TPA
-45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54371
RPC
54480
MCL
54358
SUB
53140
LOC
42829
TPA
42448
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 OCT 83 (DAY 83.277)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

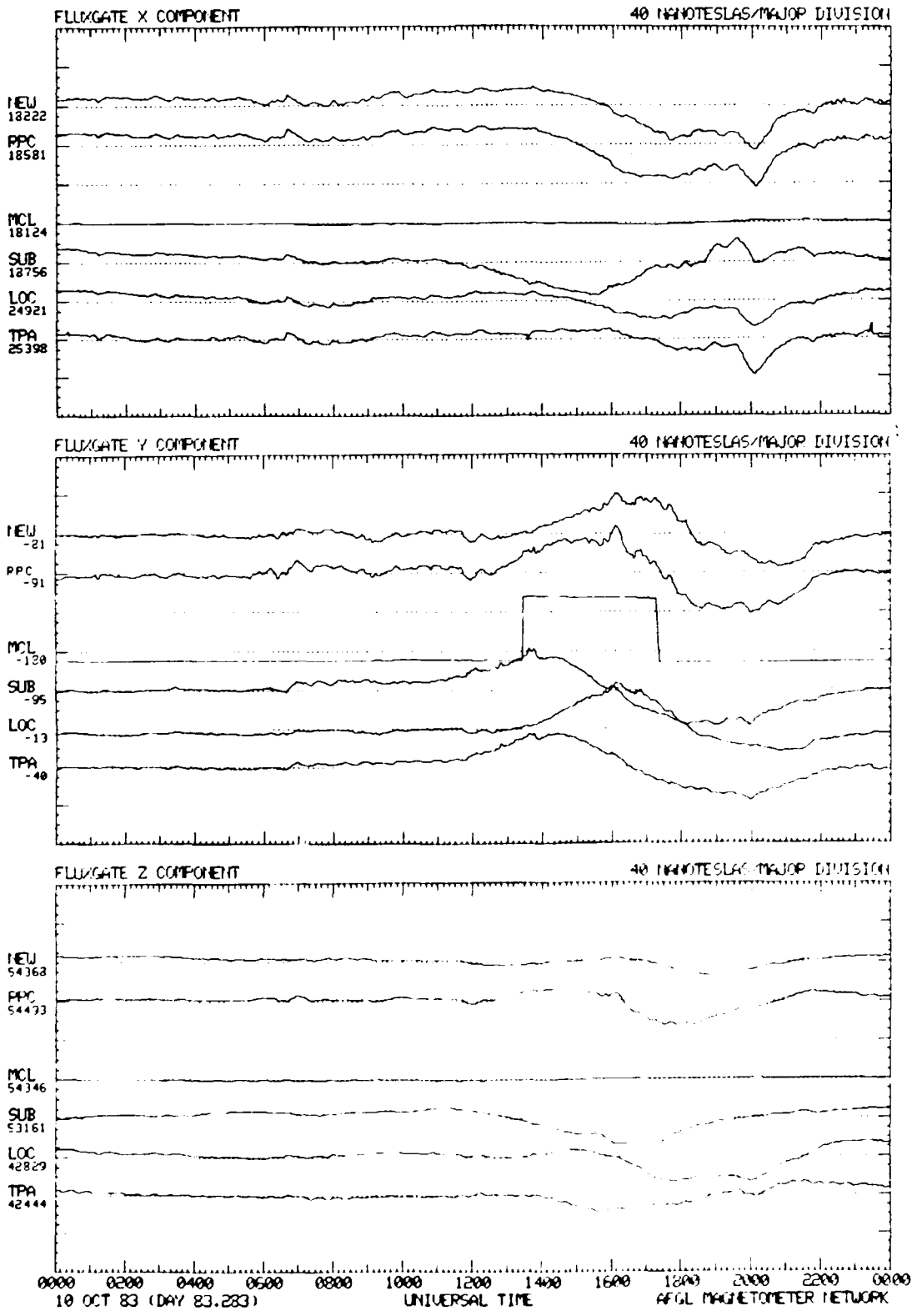

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
RPC
18566
MCL
18126
SUB
18764
LOC
24904
TPA
25380
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-75
RPC
-89
MCL
-17
SUB
-9
LOC
-11
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54402
RPC
5449
MCL
54347
SUB
53160
LOC
42834
TPA
42448
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 OCT 83 (DAY 83.278)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

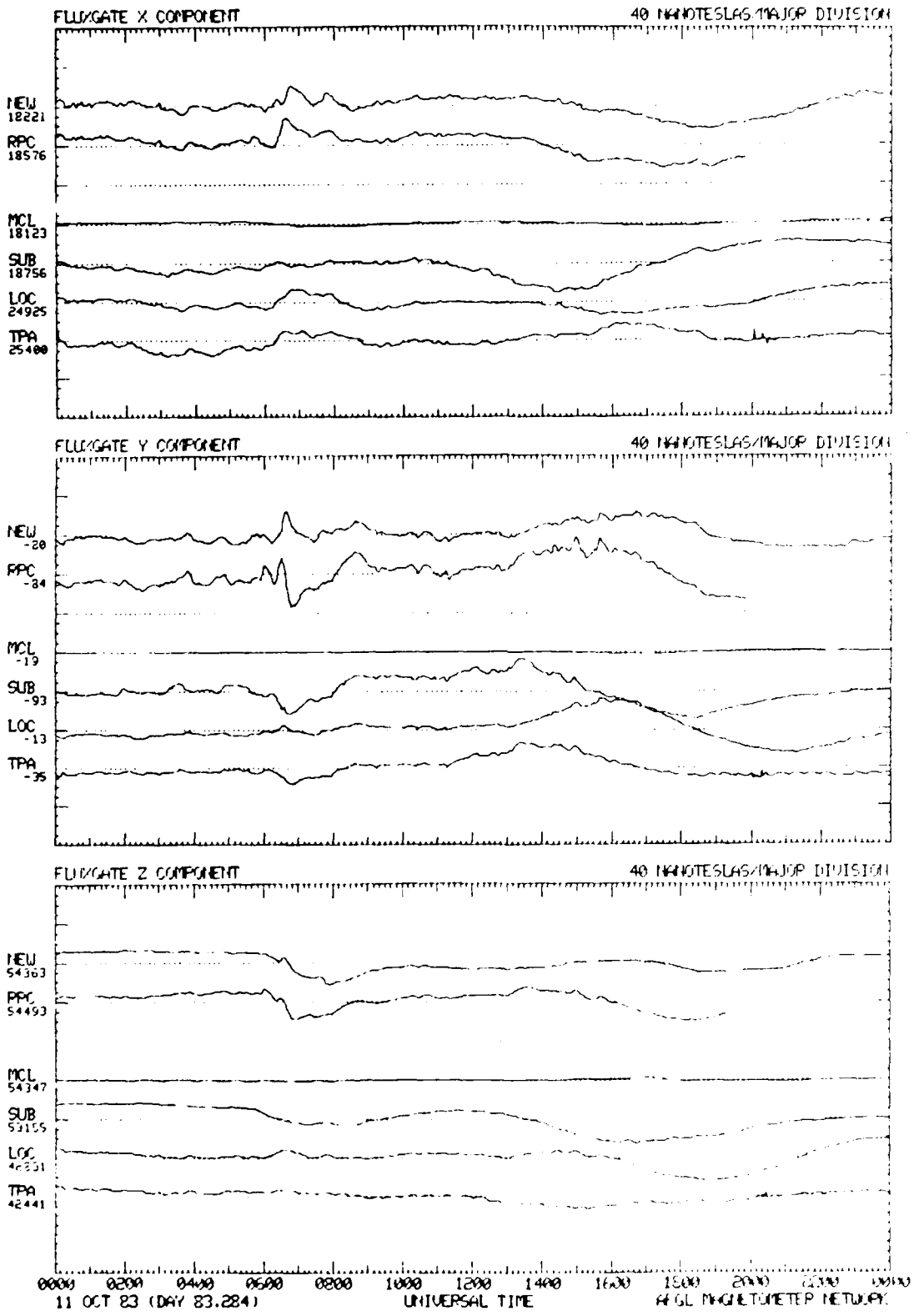

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18218
RPC
18566
MCL
18125
SUB
18767
LOC
24910
TPA
25385
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-74
RPC
-8(
MCL
-166
SUB
-90
LOC
-8
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54370
RPC
54493
MCL
54346
SUB
53151
LOC
42832
TPA
42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 OCT 83 (DAY 83.279)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

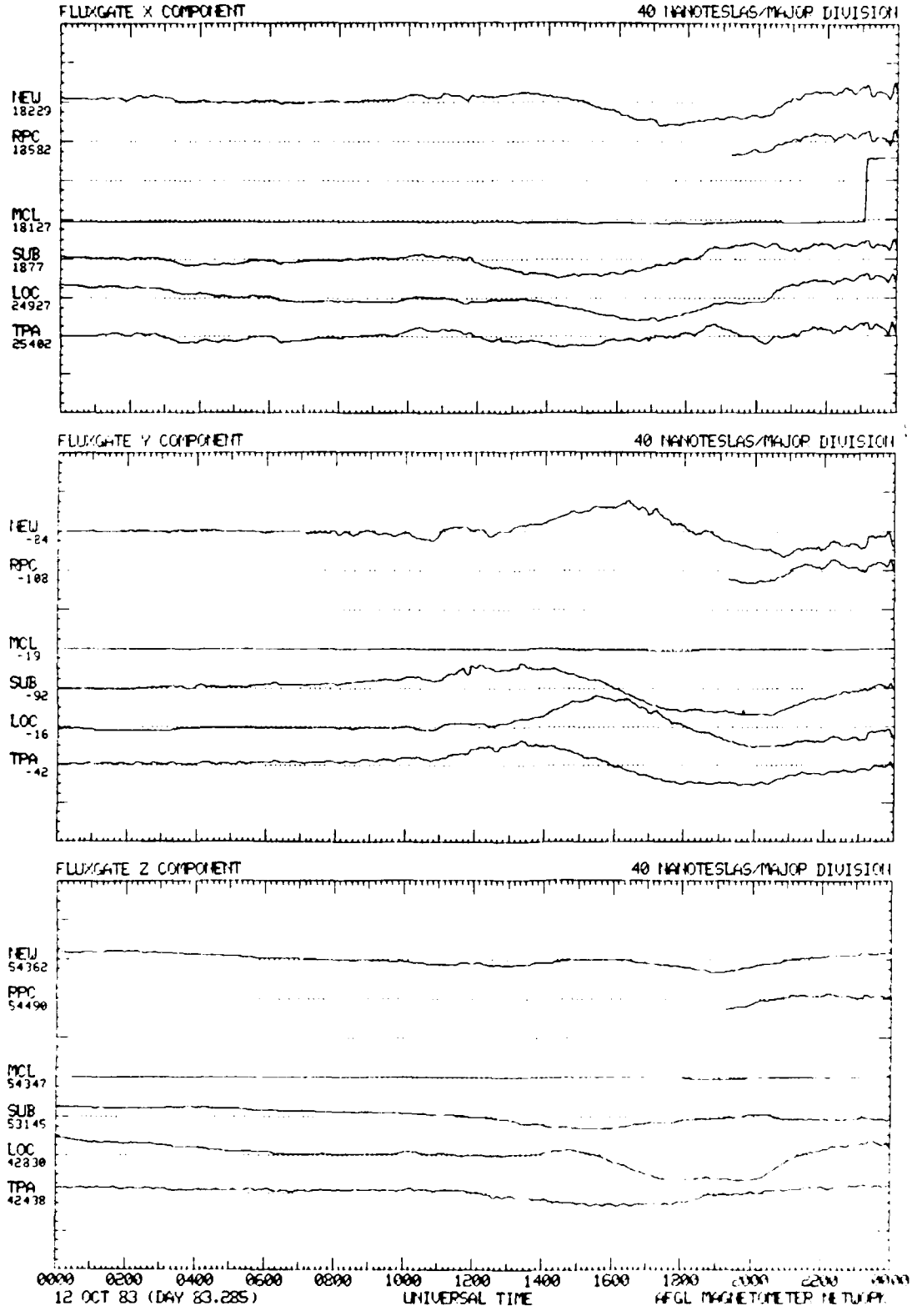

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18216
RPC
18572
MCL
18152
SUB
18760
LOC
2491
TPA
25388
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-79
RPC
-87
MCL
-155
SUB
-94
LOC
-12
TPA
-4
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54365
RPC
54497
MCL
54346
SUB
53159
LOC
42834
TPA
42442
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 OCT 83 (DAY 83.280)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

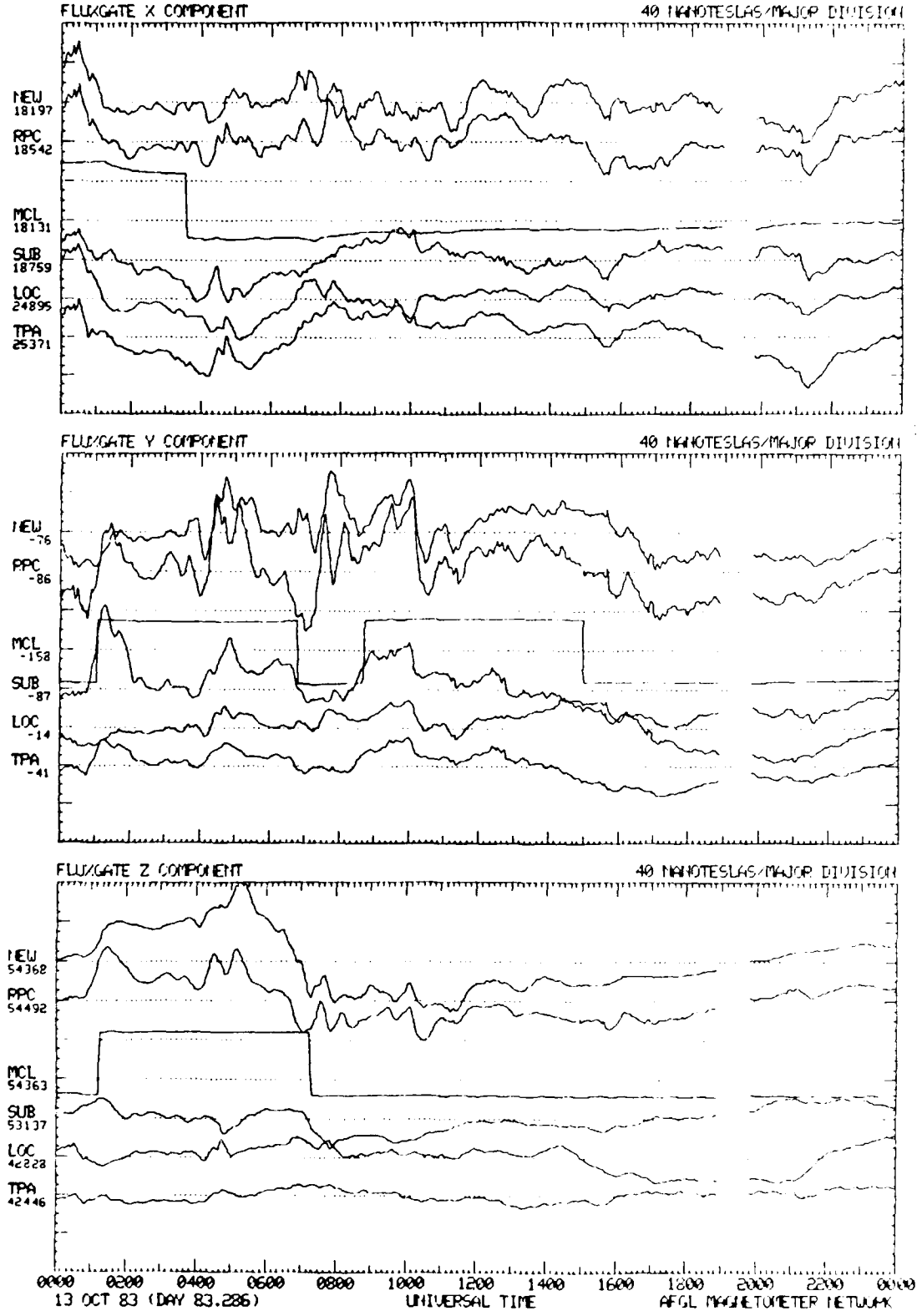

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18213
RPC
18567
MCL
18125
SUB
18752
LOC
24915
TPA
25390
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-88
RPC
-93
MCL
-170
SUB
-95
LOC
-19
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54362
RPC
54496
MCL
54346
SUB
53158
LOC
42826
TPA
42439
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 OCT 83 (DAY 83.281)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

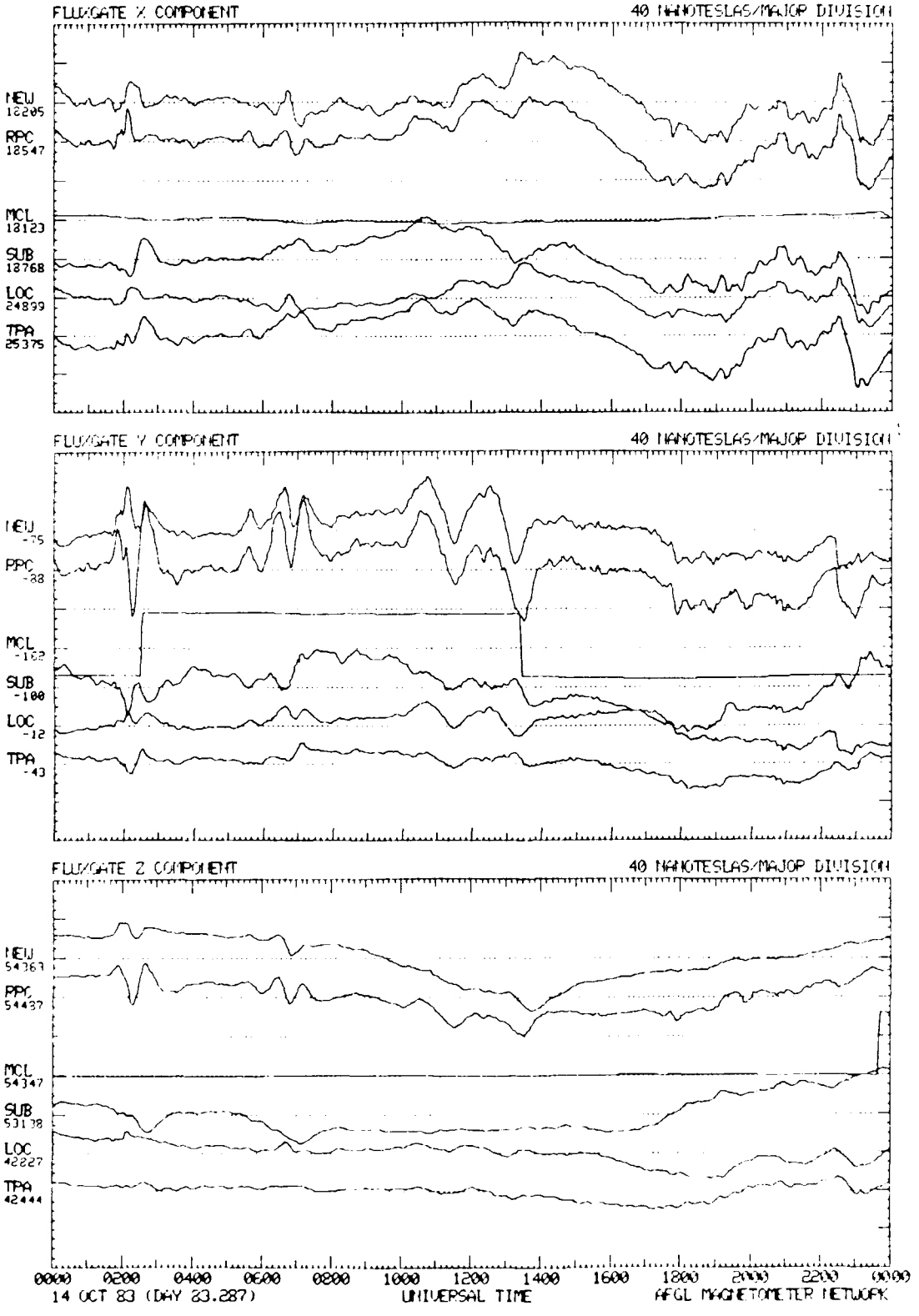

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13220
RPC
18572
MCL
18124
SUB
18759
LOC
24920
TPA
25394
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-81
RPC
-88
MCL
-191
SUB
-96
LOC
-13
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54372
RPC
54497
MCL
54346
SUB
53160
LOC
42831
TPA
42441
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 OCT 83 (DAY 83.282)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

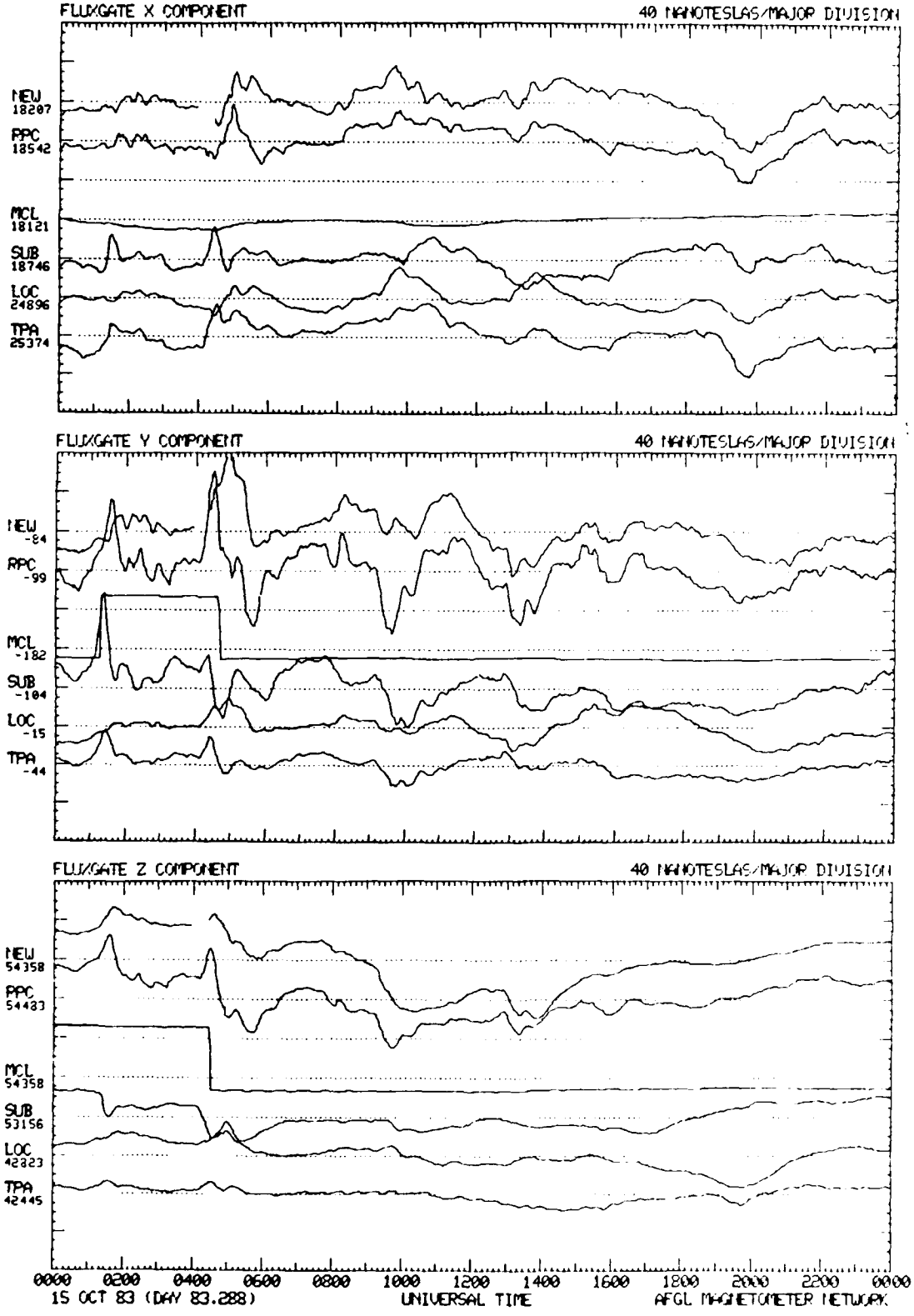

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18222
PPC
18581
MCL
18124
SUB
18756
LOC
24921
TPA
25398
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-21
PPC
-91
MCL
-120
SUB
-95
LOC
-13
TPA
-40
FLUXGATE Z COMPONENT
NEW
54368
PPC
54473
MCL
54346
SUB
53161
LOC
42829
TPA
42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 OCT 83 (DAY 83.283)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

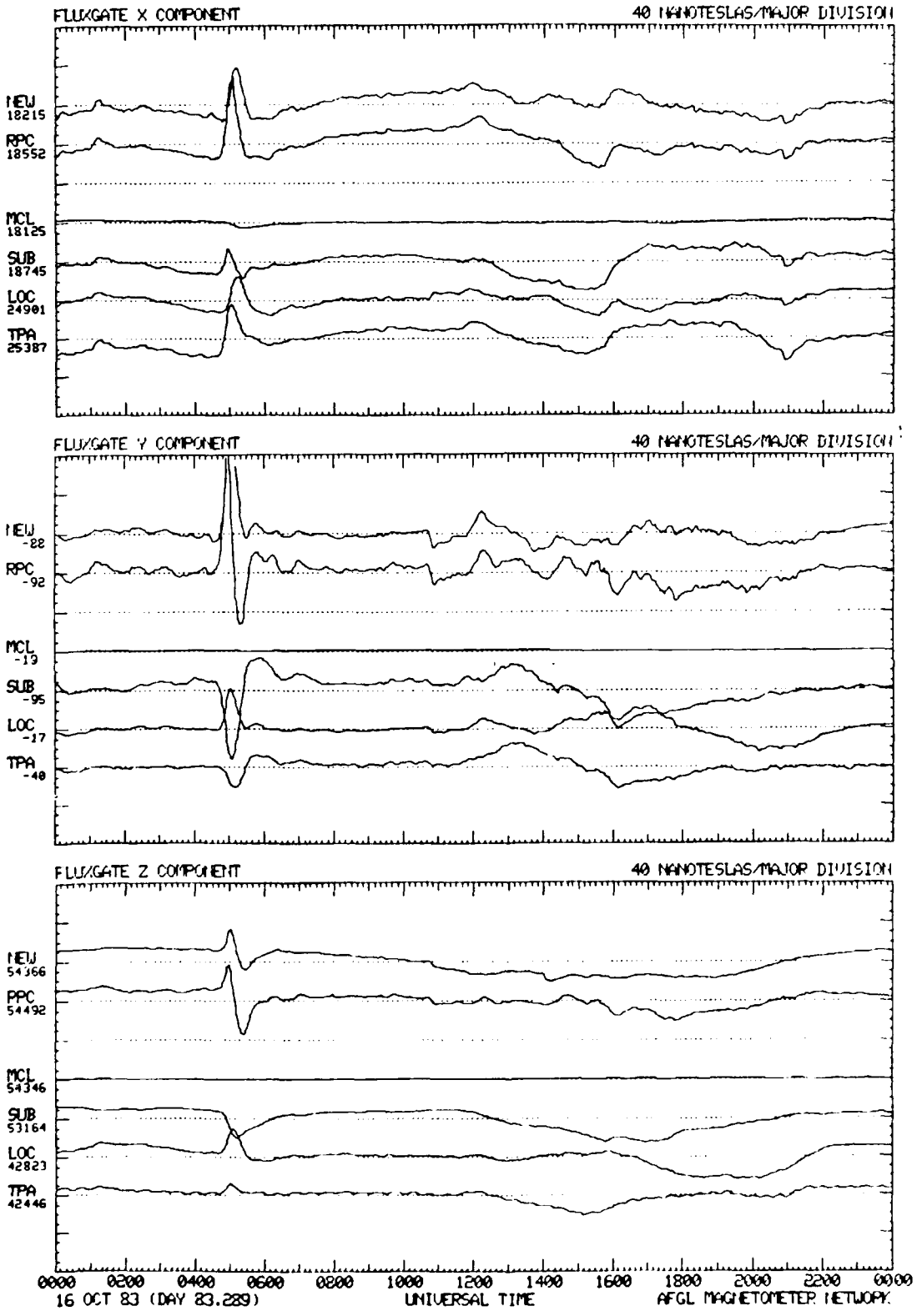

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18221
RPC
18576
MCL
18123
SUB
18756
LOC
24925
TPA
25400
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-20
RPC
-84
MCL
-19
SUB
-93
LOC
-13
TPA
-35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54363
RPC
54493
MCL
54347
SUB
53155
LOC
TPA
42441
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 OCT 83 (DAY 83.284)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

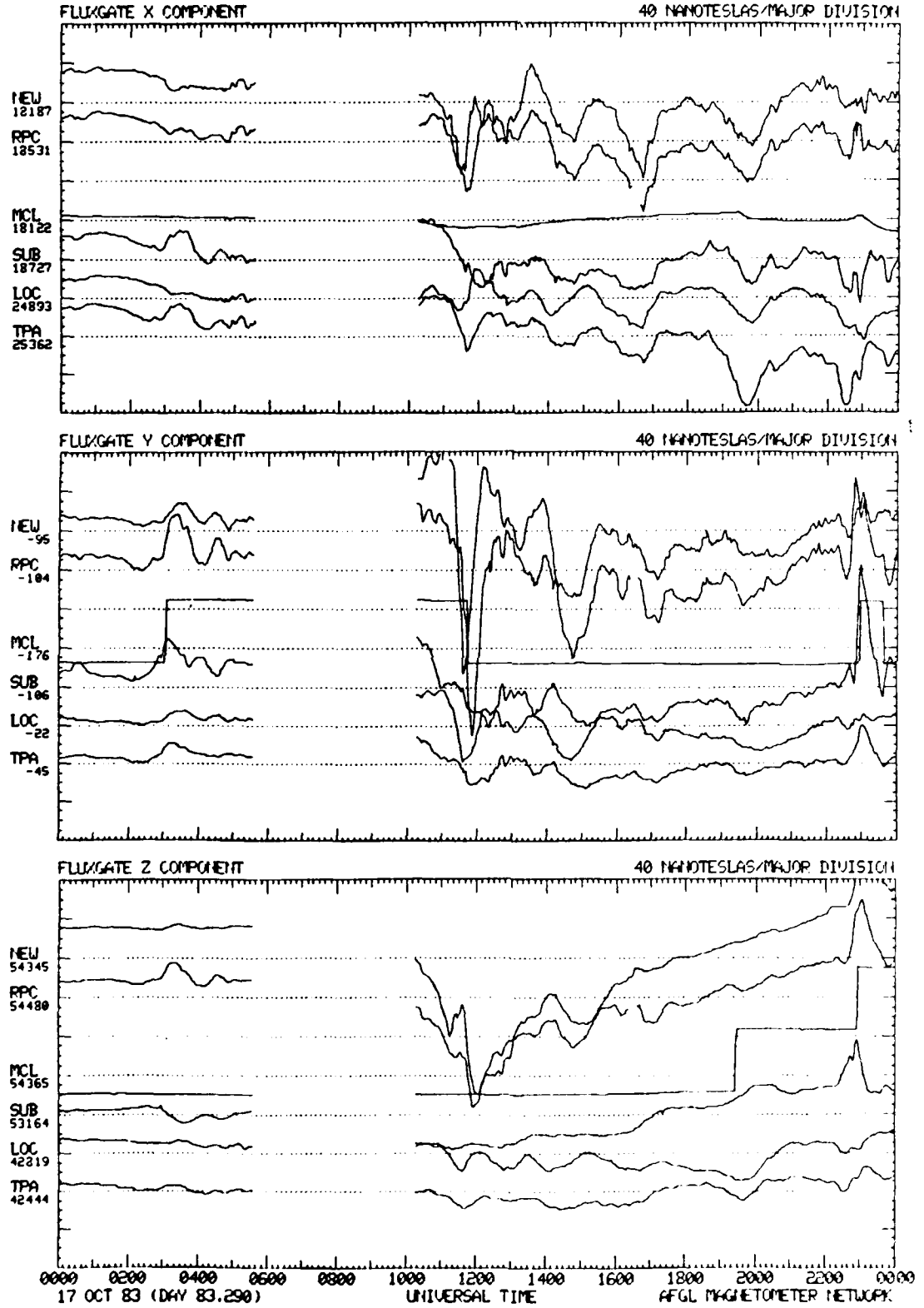

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18229
RPC
18582
MCL
18127
SUB
1877
LOC
24927
TPA
25402
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-84
RPC
-108
MCL
-19
SUB
-92
LOC
-16
TPA
-42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54362
RPC
54490
MCL
54347
SUB
53145
LOC
42830
TPA
42438
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
12 OCT 83 (DAY 83.285)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

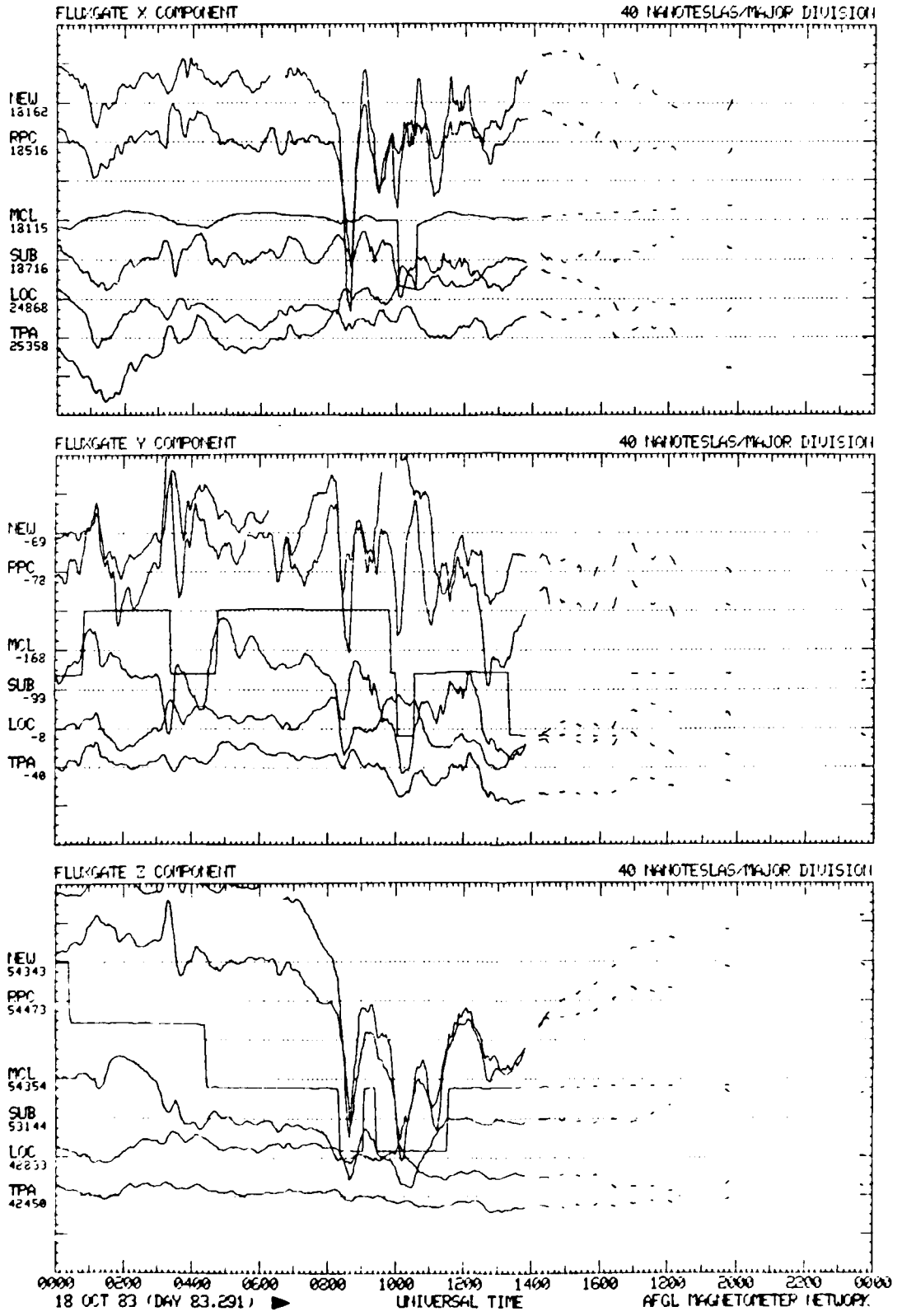

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18197
PPC
18542
MCL
18131
SUB
18759
LOC
24895
TPA
25371
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-76
PPC
-86
MCL
-158
SUB
-87
LOC
-14
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54362
PPC
54492
MCL
54363
SUB
53137
LOC
42228
TPA
42446
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 OCT 83 (DAY 83.286)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

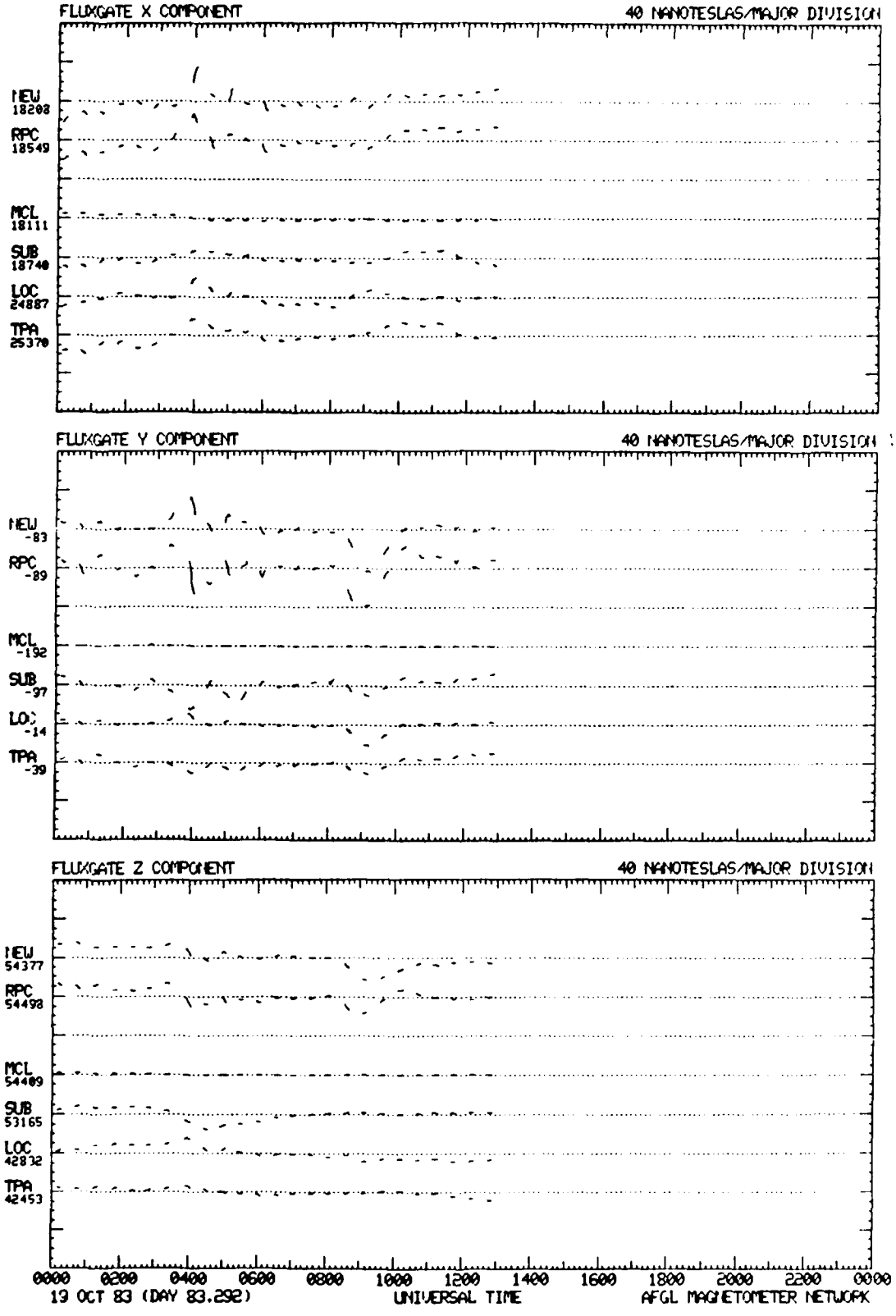

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18205
RPC
18547
MCL
18123
SUB
18768
LOC
24899
TPA
25375
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-75
RPC
-88
MCL
-102
SUB
-100
LOC
-12
TPA
-43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54363
RPC
54437
MCL
54347
SUB
53138
LOC
42227
TPA
42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 OCT 83 (DAY 83.287)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

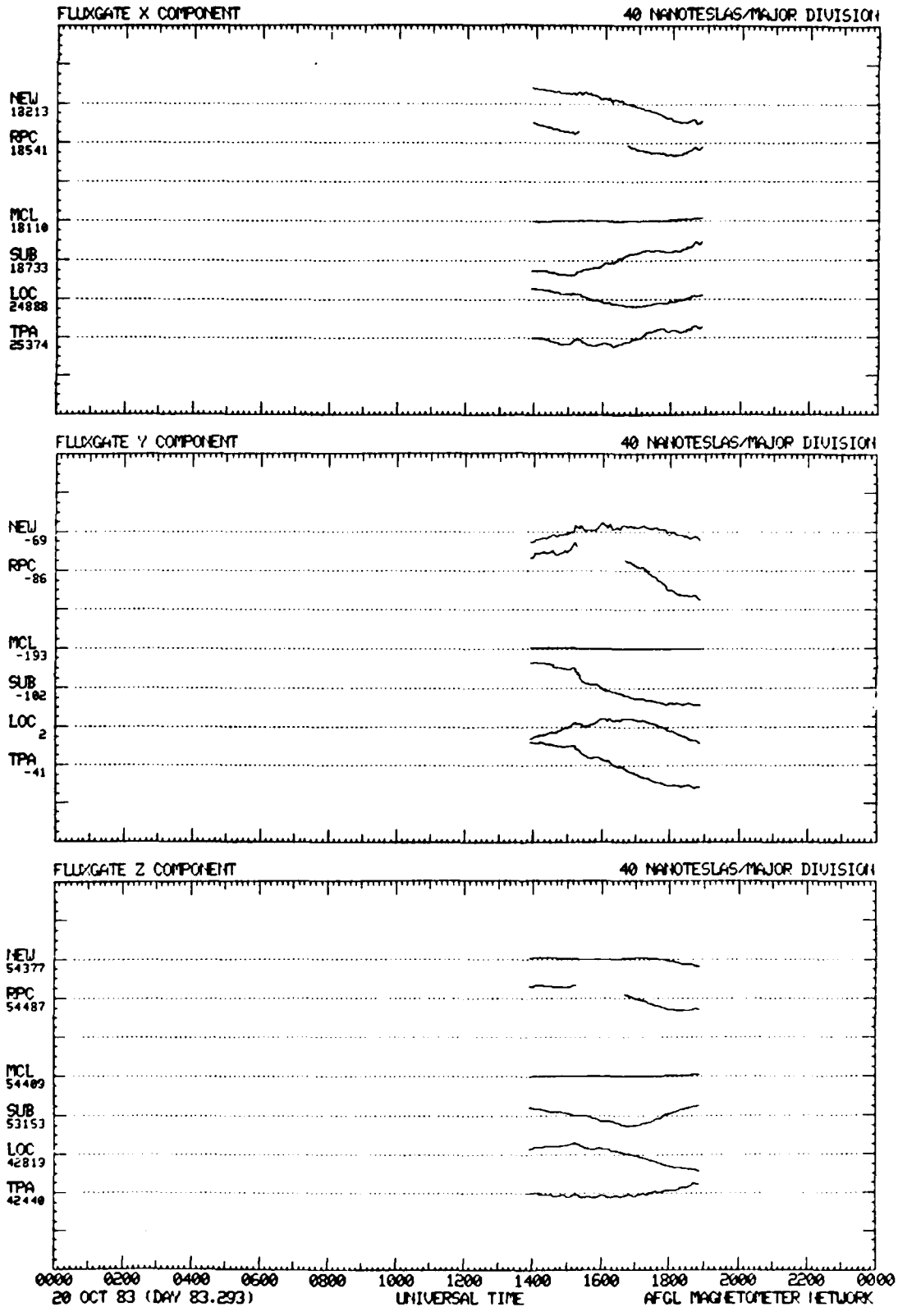

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18207
PPC
18542
MCL
18121
SUB
18746
LOC
24896
TPA
25374
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-84
PPC
-99
MCL
-182
SUB
-104
LOC
-15
TPA
-44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54358
PPC
54483
MCL
54358
SUB
53156
LOC
42823
TPA
42445
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 OCT 83 (DAY 83.288)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

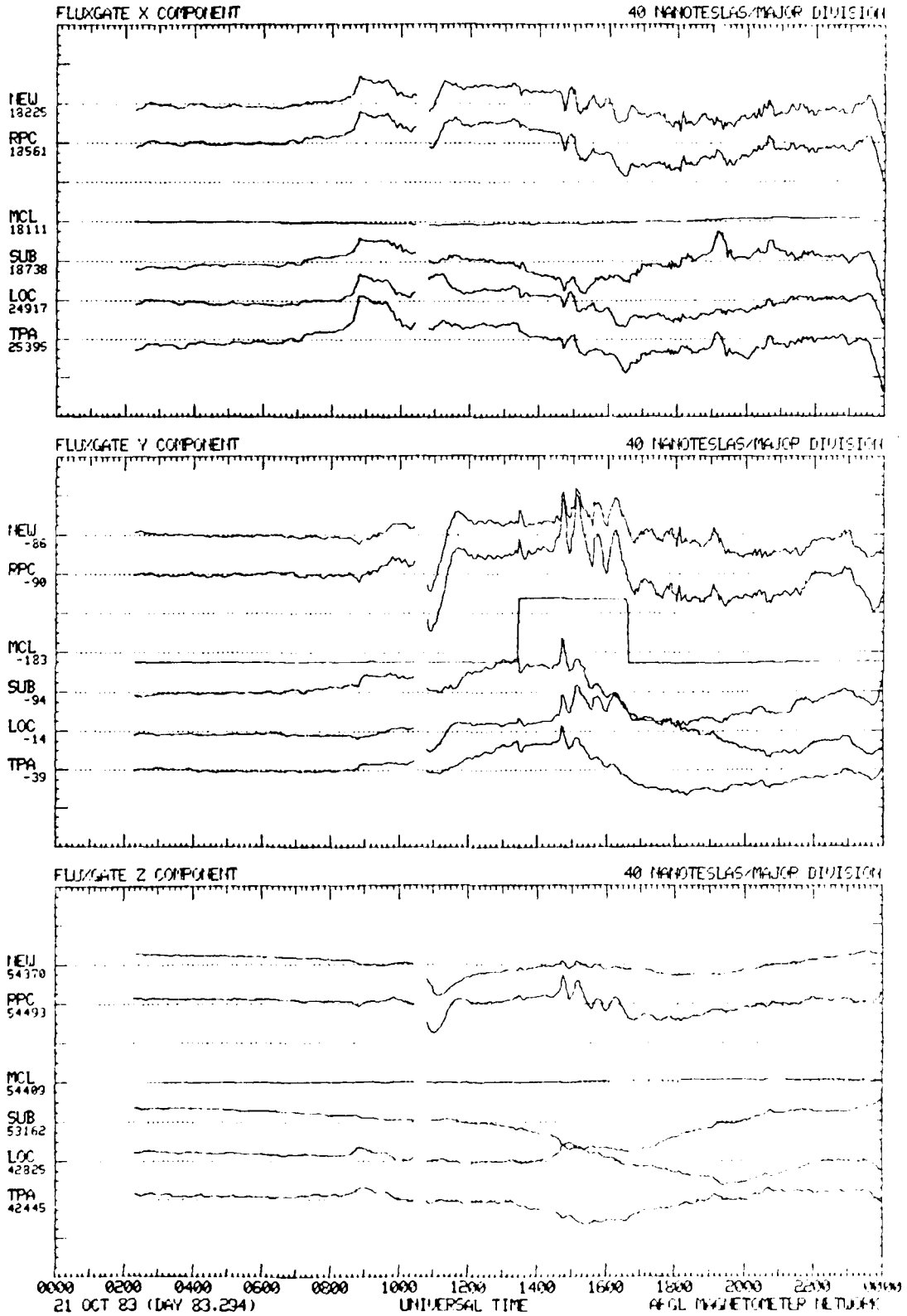

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18215
RPC
18552
MCL
18125
SUB
18745
LOC
24901
TPA
25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-88
RPC
-92
MCL
-19
SUB
-95
LOC
-17
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54366
PPC
54492
MCL
54346
SUB
53164
LOC
42823
TPA
42446
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 OCT 83 (DAY 83.289)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

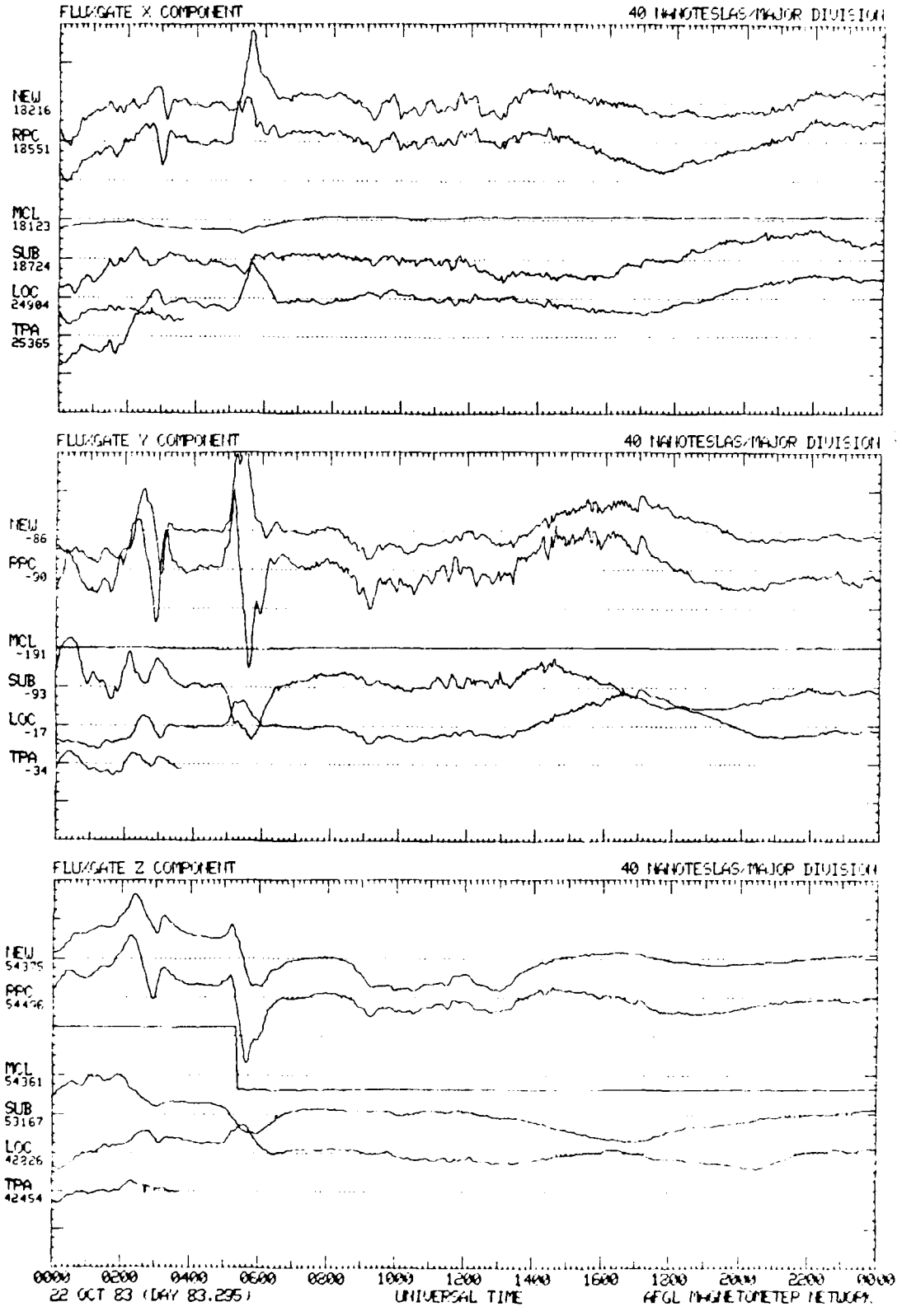

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12187
RPC
18531
MCL
18122
SUB
18727
LOC
24893
TPA
25362
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-95
RPC
-184
MCL
-176
SUB
-106
LOC
-22
TPA
-45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54345
RPC
54480
MCL
54365
SUB
53164
LOC
42219
TPA
42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 OCT 83 (DAY 83.290)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

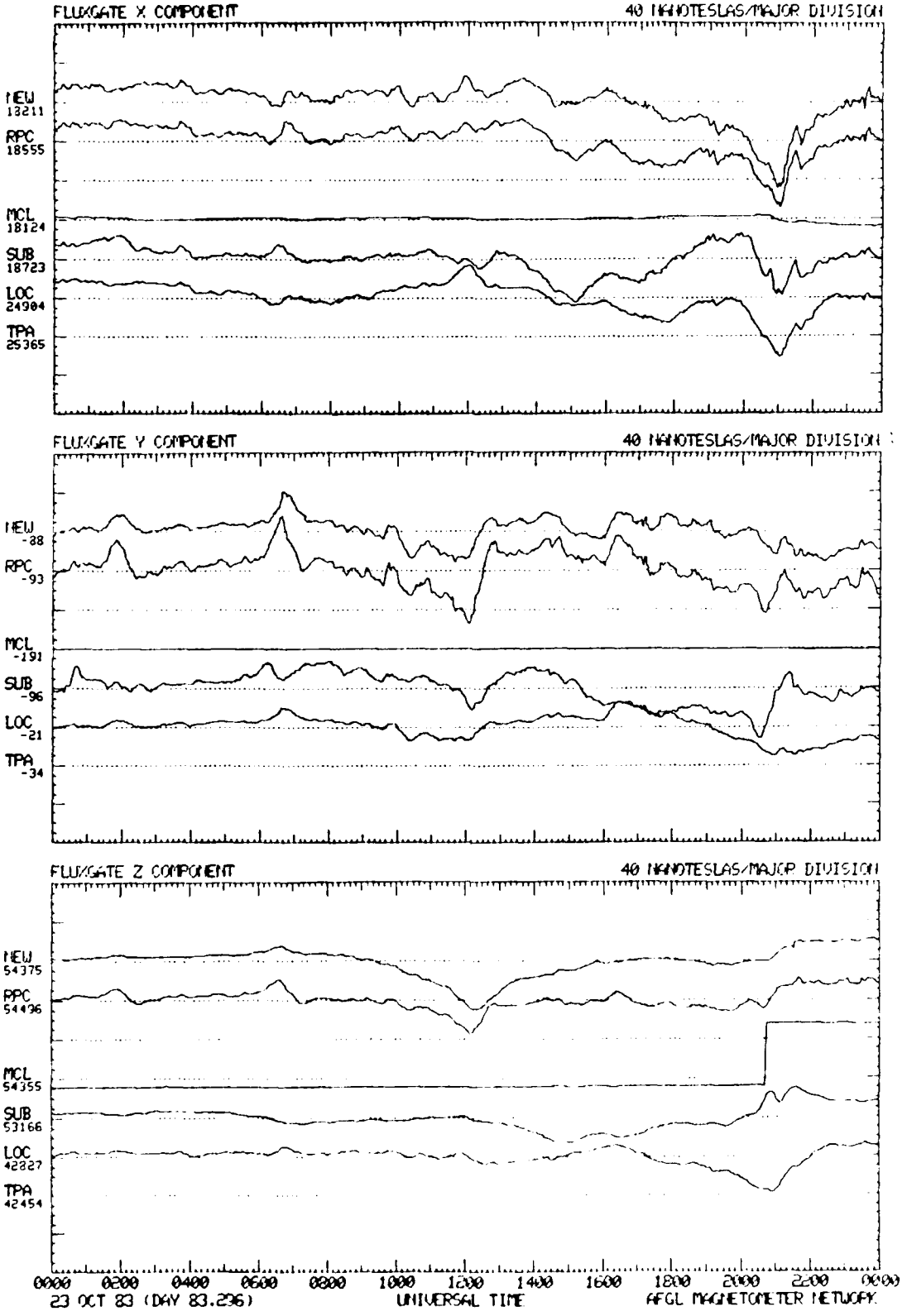

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18162
PPC
18516
MCL
18115
SUB
18716
LOC
24868
TPA
25358
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-69
PPC
-72
MCL
-168
SUB
-99
LOC
-8
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54343
PPC
54473
MCL
54354
SUB
53144
LOC
42833
TPA
42450
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 OCT 83 (DAY 83.291)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

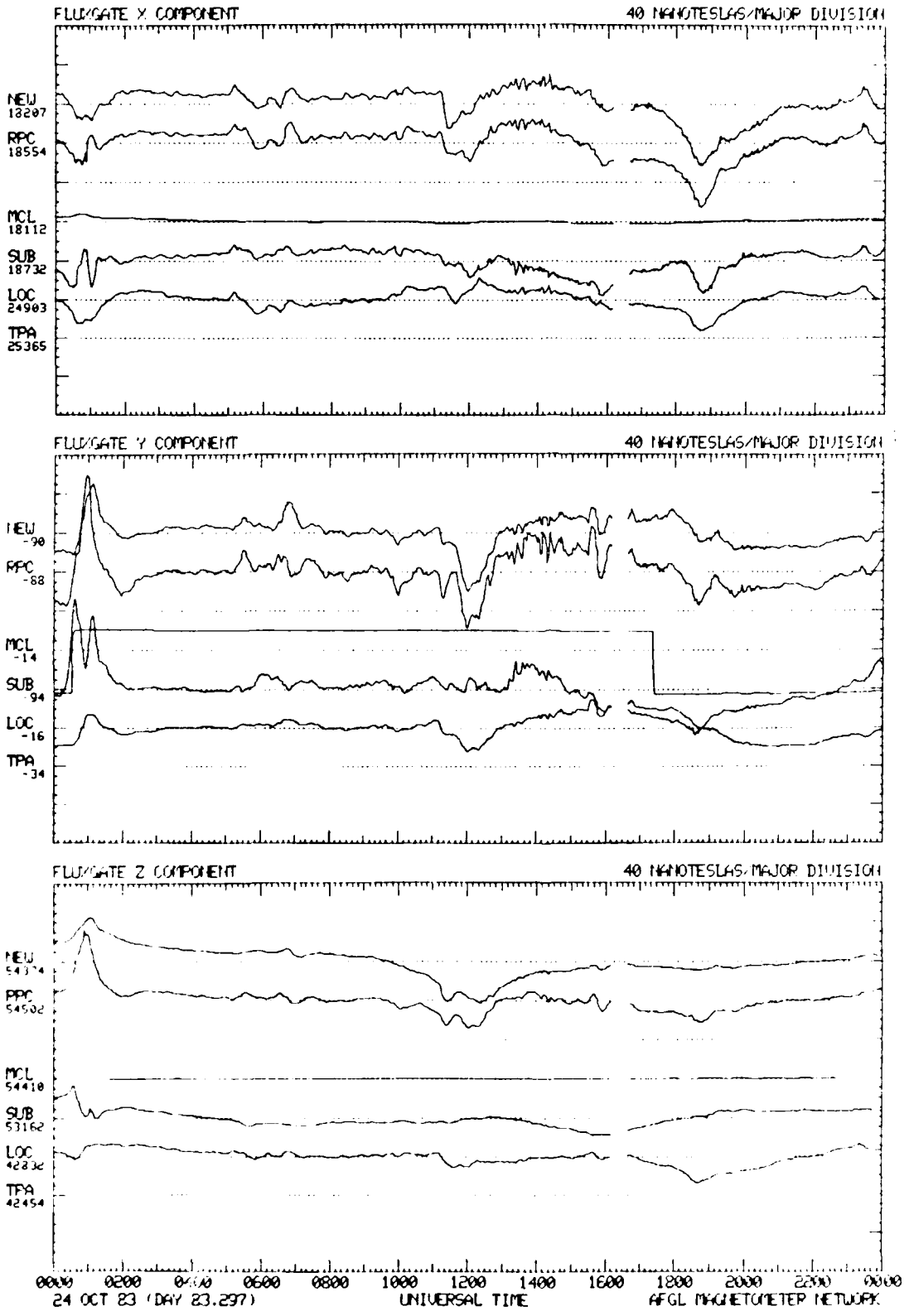

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18208
RPC
18549
MCL
18111
SUB
18740
LOC
24887
TPA
25370
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-83
RPC
-89
MCL
-192
SUB
-97
LOC
-14
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54377
RPC
54498
MCL
54409
SUB
53165
LOC
42832
TPA
42453
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 OCT 83 (DAY 83.292)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

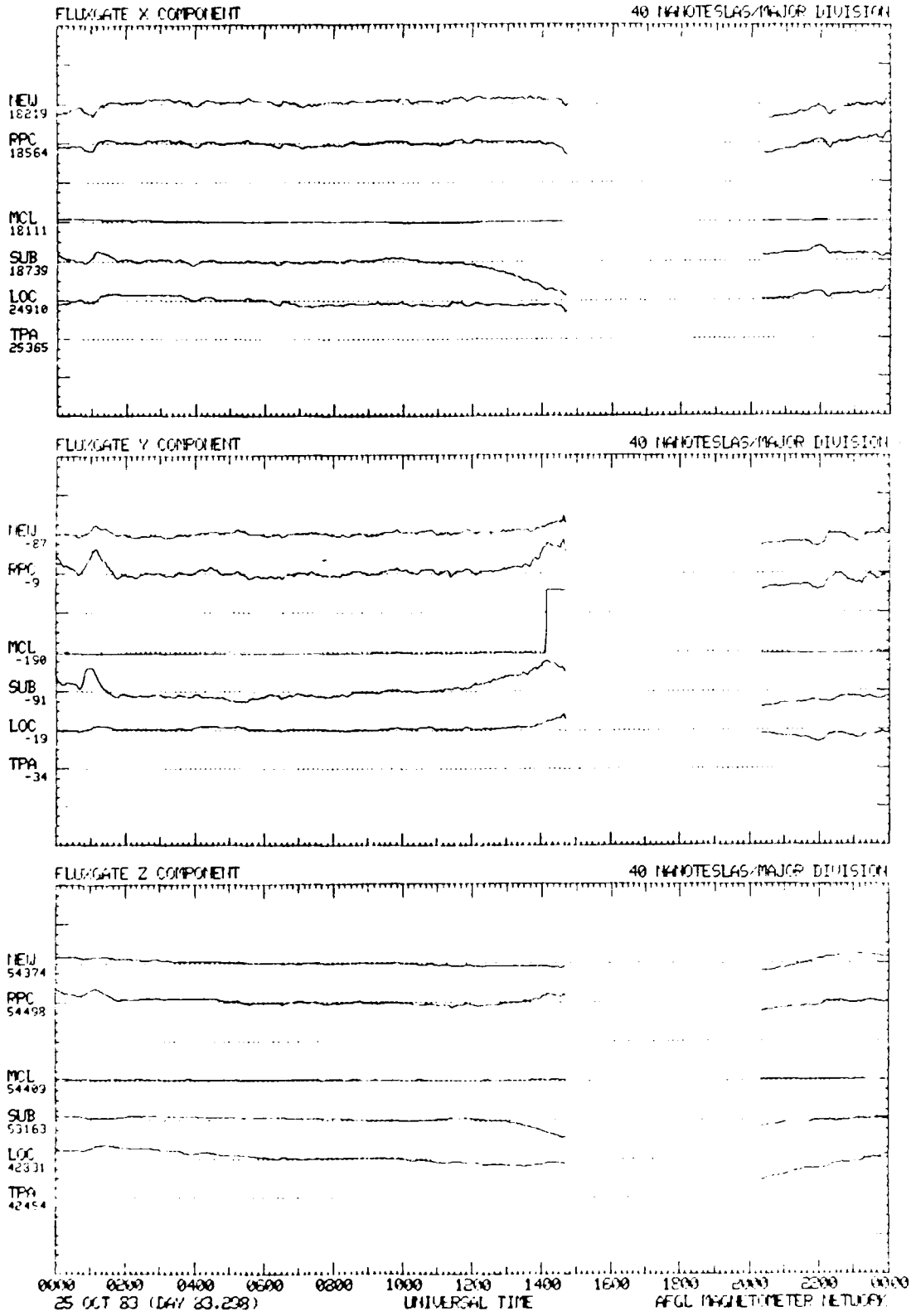

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18213
RPC
18541
MCL
18110
SUB
18733
LOC
24888
TPA
25374
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-69
RPC
-86
MCL
-193
SUB
-102
LOC
2
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54377
RPC
54487
MCL
54409
SUB
53153
LOC
42819
TPA
42440
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 OCT 83 (DAY 83.293)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

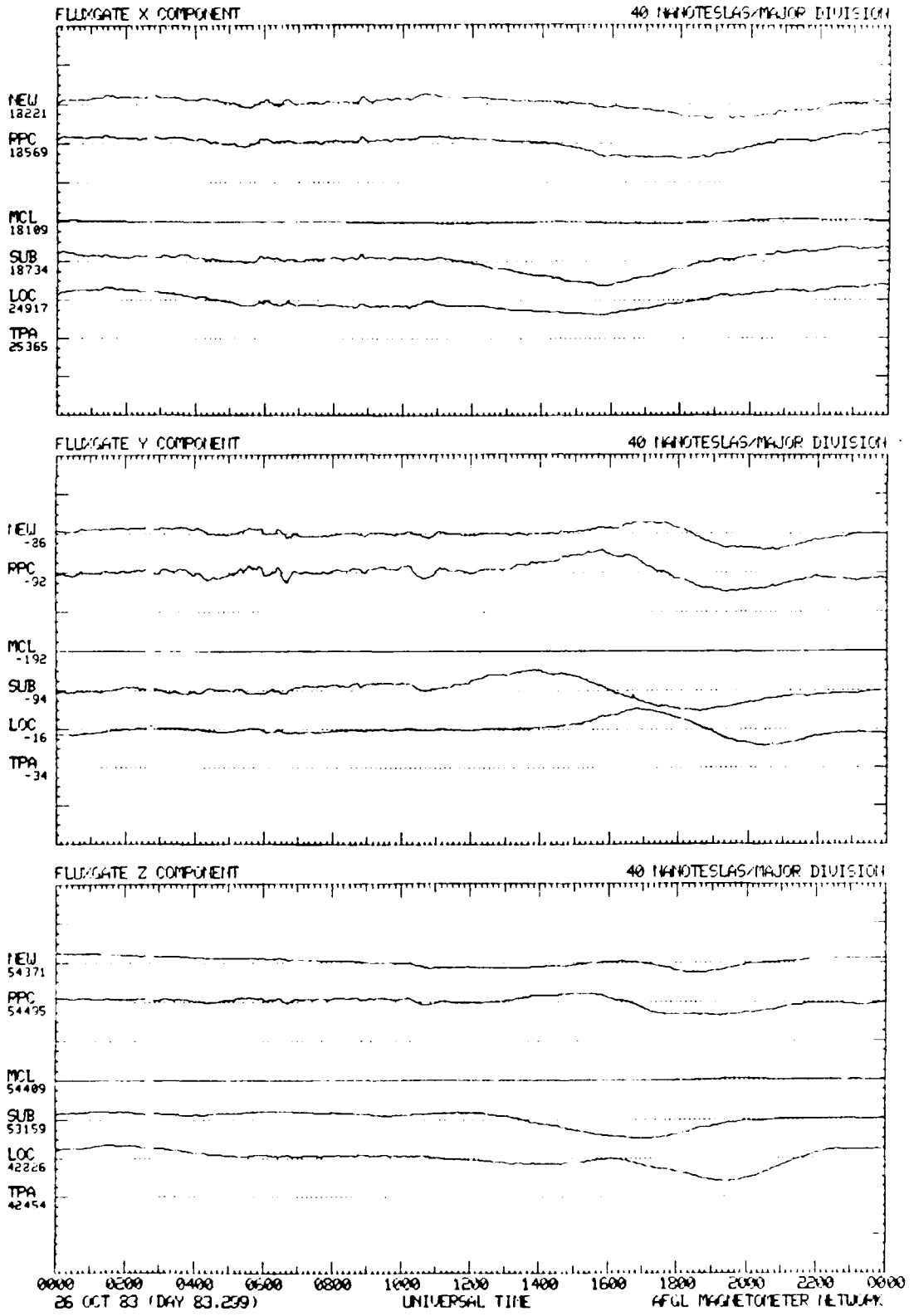

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18225
RPC
18561
MCL
18111
SUB
18738
LOC
24917
TPA
25395
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-86
RPC
-90
MCL
-183
SUB
-94
LOC
-14
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54370
RPC
54493
MCL
54409
SUB
53162
LOC
42825
TPA
42445
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200
21 OCT 83 (DAY 83.294)
UNIVERSAL TIME
AFGL MAGNETOMETER RESULTS

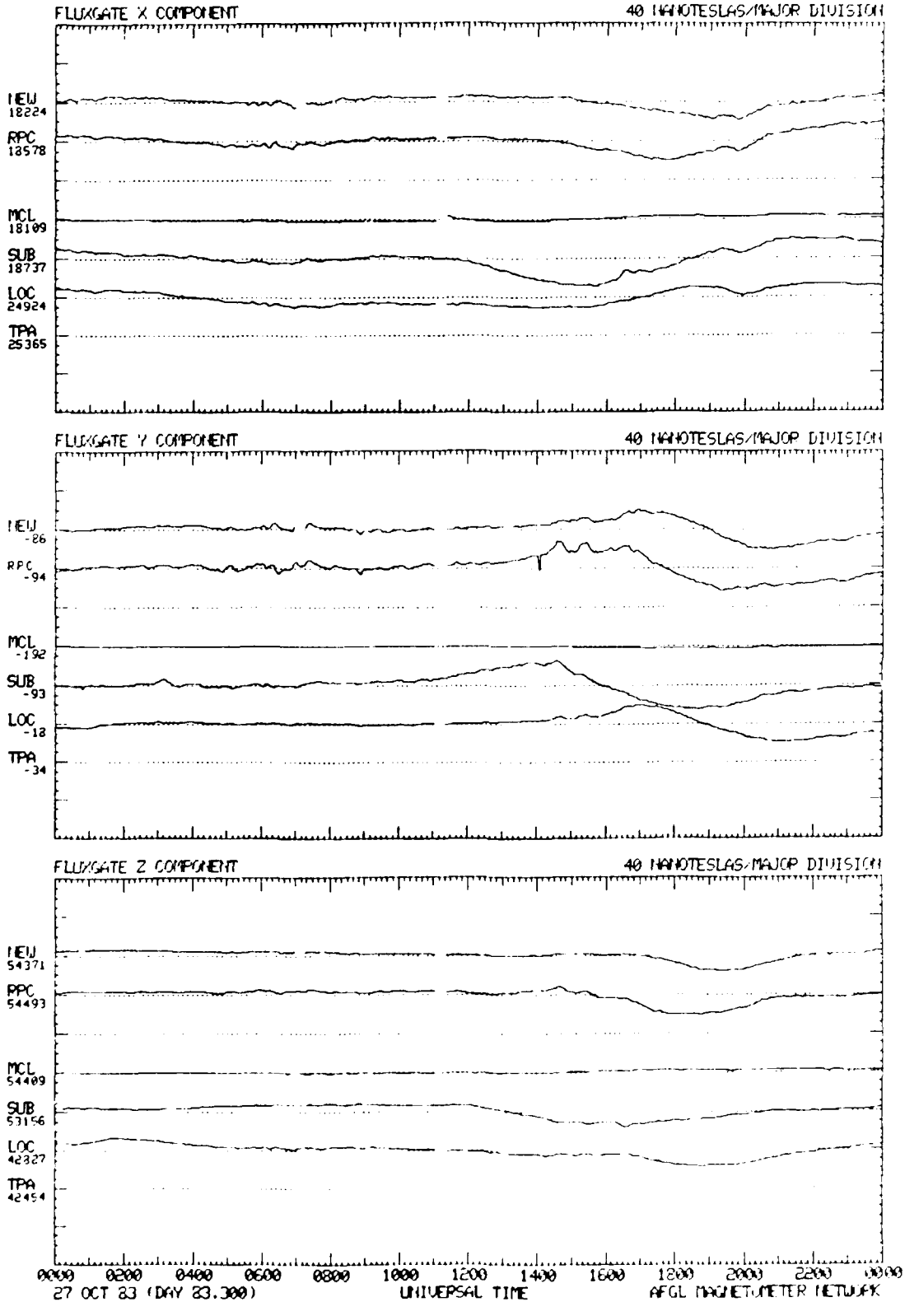

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18216
RPC
18551
MCL
18123
SUB
18724
LOC
24904
TPA
25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-86
RPC
-90
MCL
-191
SUB
-93
LOC
-17
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54375
RPC
54496
MCL
54361
SUB
53167
LOC
42226
TPA
42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 OCT 83 (DAY 83.295)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

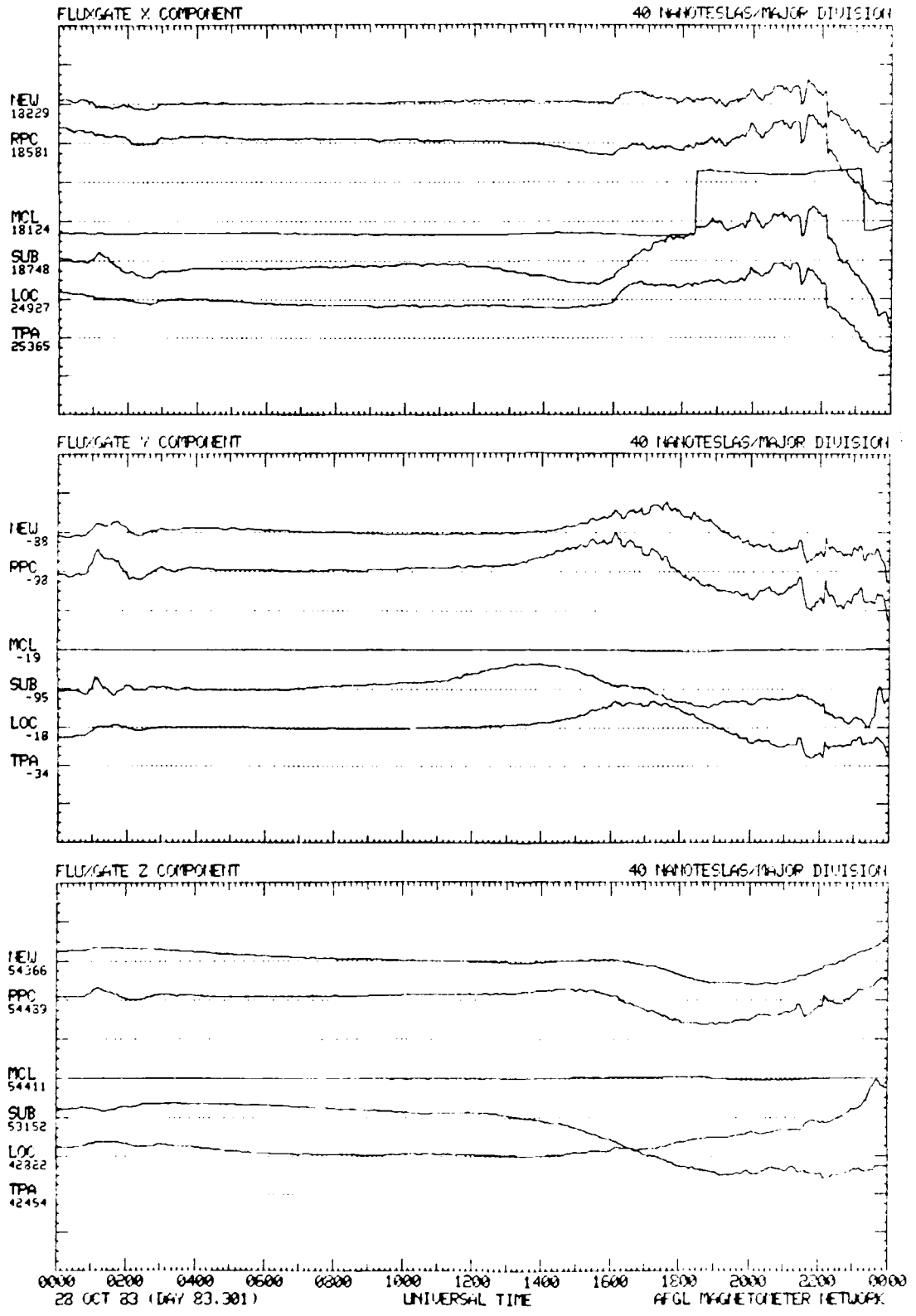

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18211
RPC
18555
MCL
18124
SUB
18723
LOC
24904
TPA
25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-88
RPC
-93
MCL
-191
SUB
-96
LOC
-21
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54375
RPC
54496
MCL
54355
SUB
53166
LOC
42227
TPA
42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 OCT 83 (DAY 83.296)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

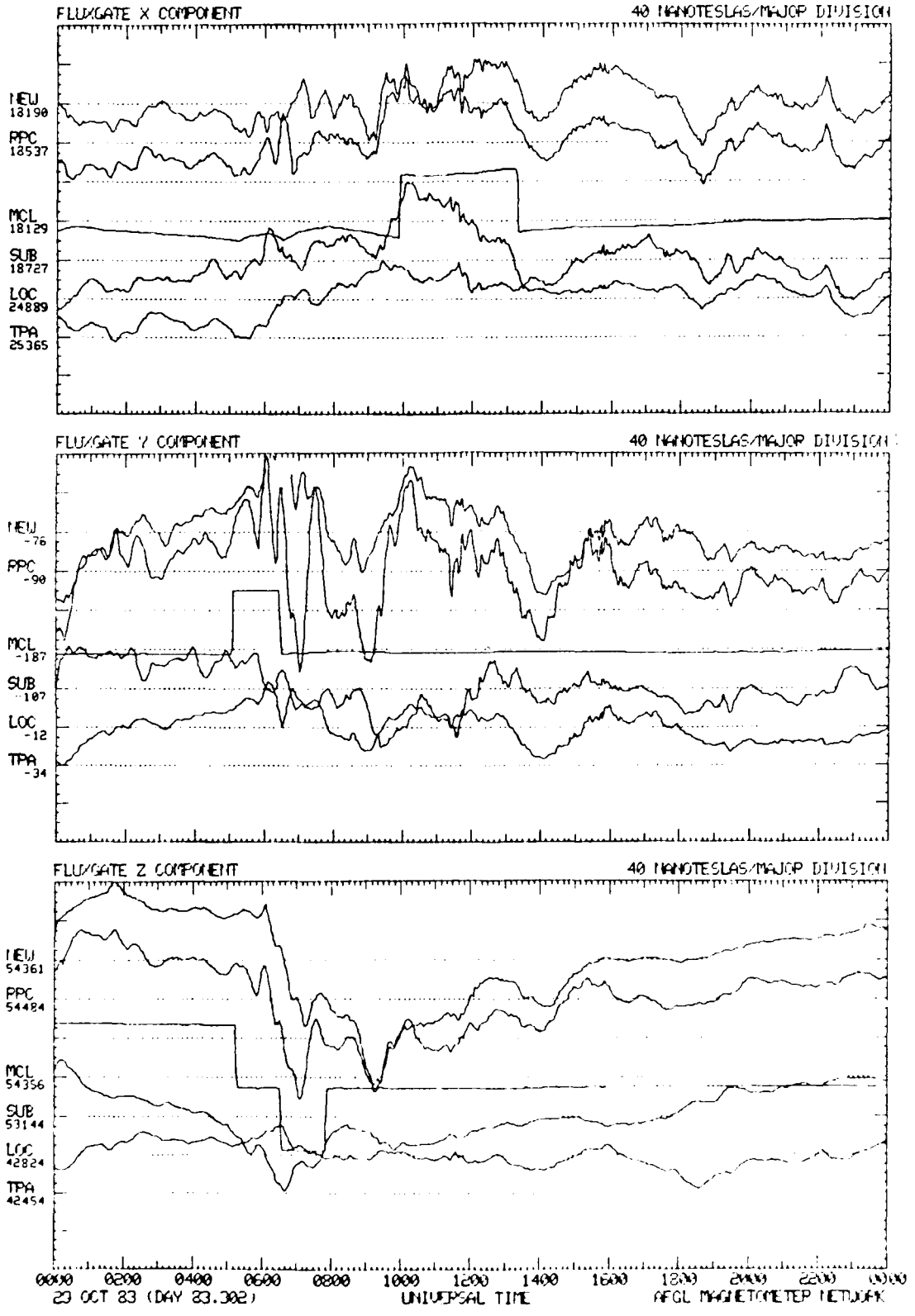

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13207
RPC
18554
MCL
18112
SUB
18732
LOC
24903
TPA
25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-90
RPC
-88
MCL
-14
SUB
-94
LOC
-16
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54374
RPC
54502
MCL
54410
SUB
53162
LOC
42836
TPA
42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 OCT 83 (DAY 83.297)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

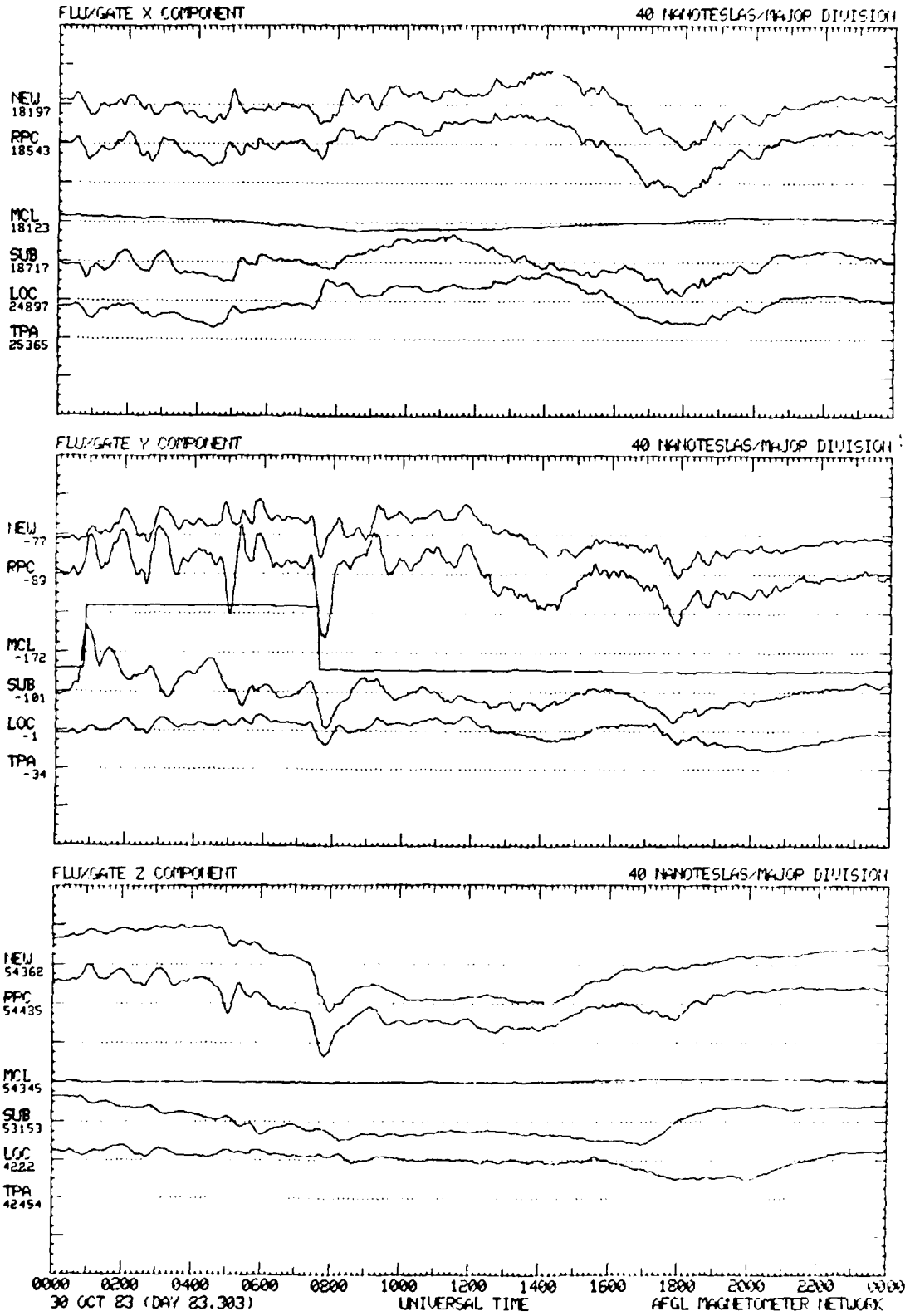

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18219
PPC
18564
MCL
18111
SUB
18739
LOC
24910
TPA
25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-87
PPC
-9
MCL
-190
SUB
-91
LOC
-19
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54374
PPC
54498
MCL
54409
SUB
53163
LOC
42331
TPA
42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 OCT 83 (DAY 83.298)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

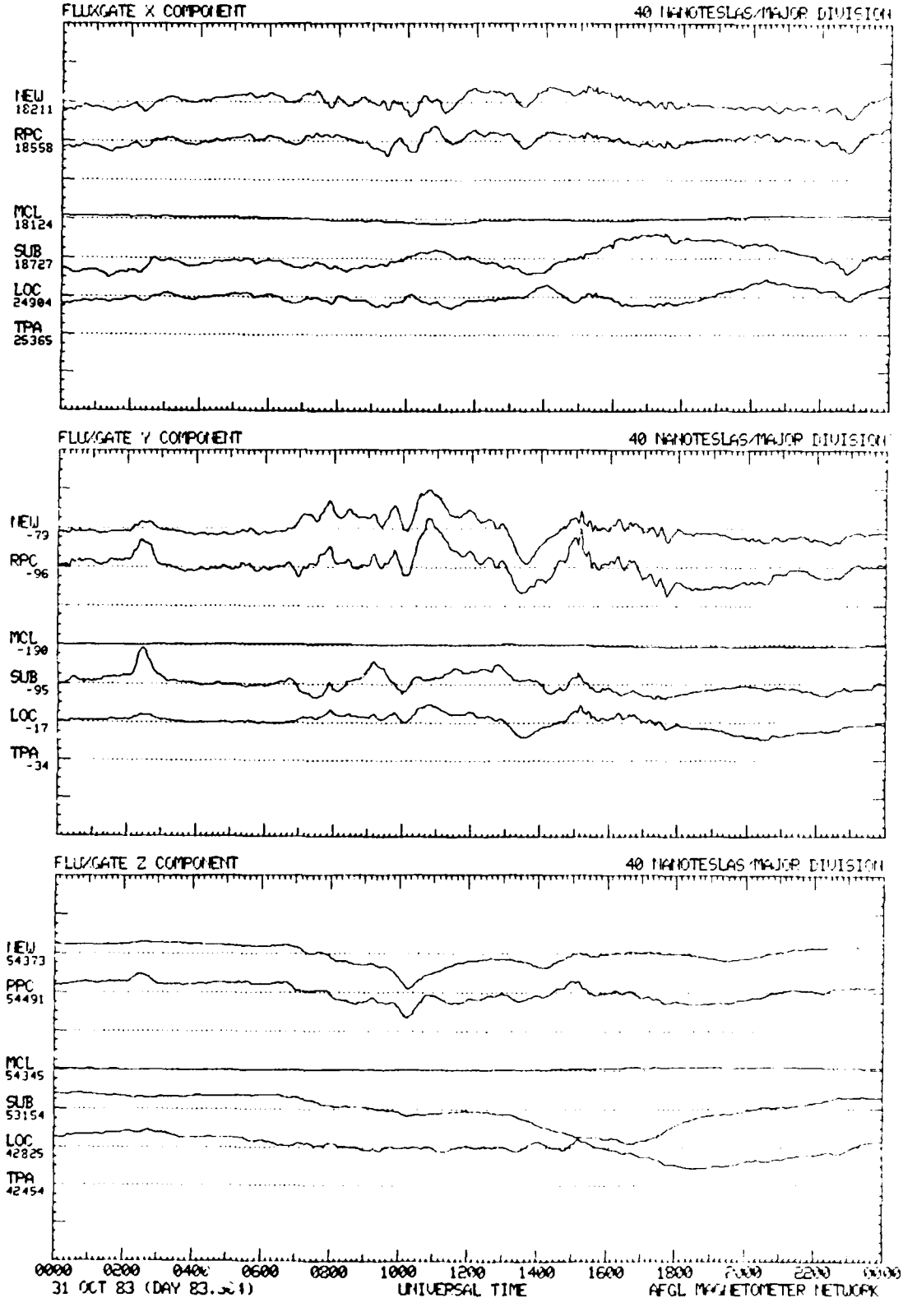

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18221
PPC
18569
MCL
18109
SUB
18734
LOC
24917
TPA
25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-86
PPC
-92
MCL
-192
SUB
-94
LOC
-16
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54371
PPC
54495
MCL
54409
SUB
53159
LOC
42226
TPA
42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 OCT 83 (DAY 83.299)
UNIVERSAL TIME
AFGL MAGNETOMETER RETURN

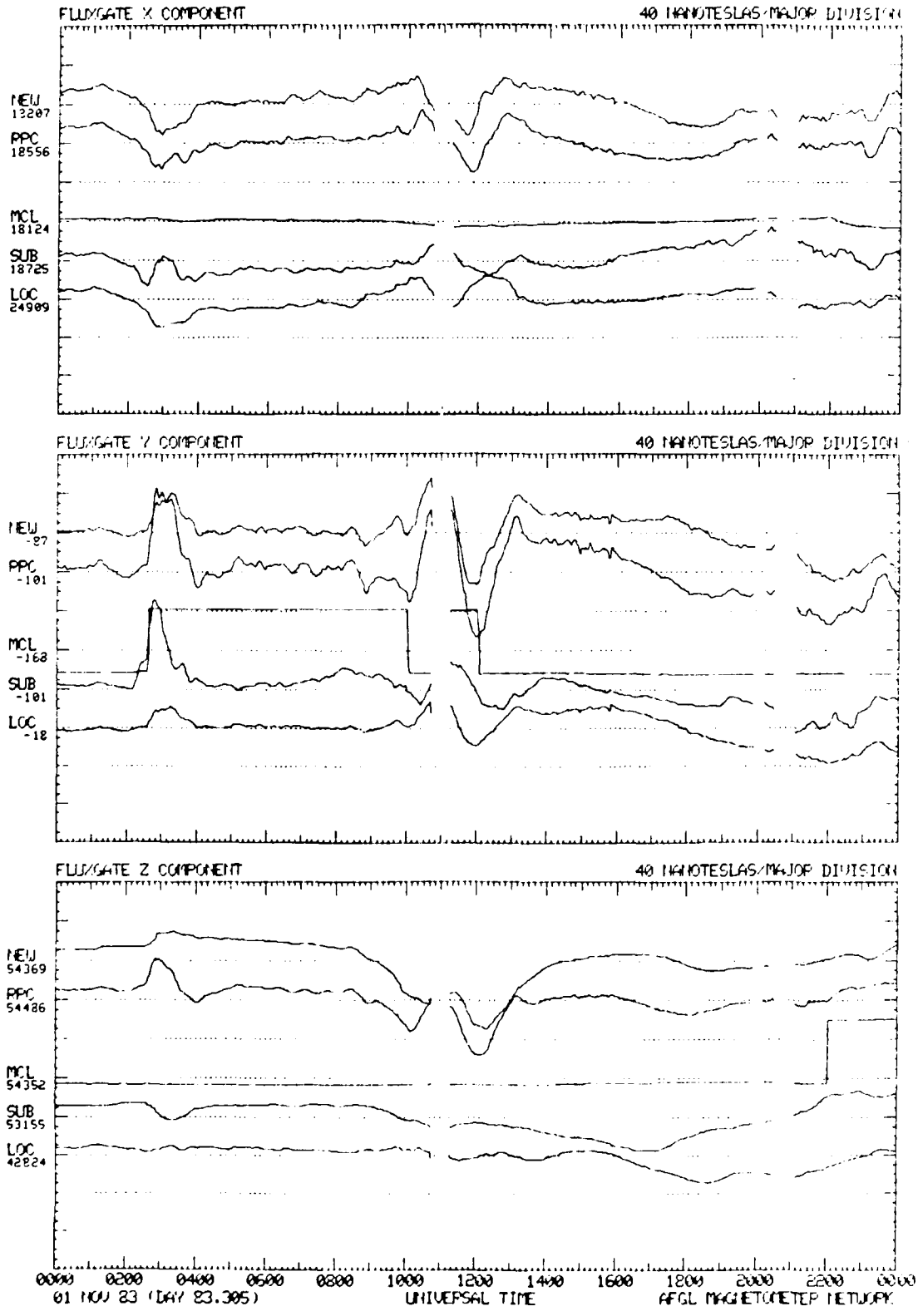

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18224
RPC
18578
MCL
18109
SUB
18737
LOC
24924
TPA
25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-86
RPC
-94
MCL
-192
SUB
-93
LOC
-18
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54371
RPC
54493
MCL
54409
SUB
53156
LOC
42827
TPA
42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 OCT 83 (DAY 83.300)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

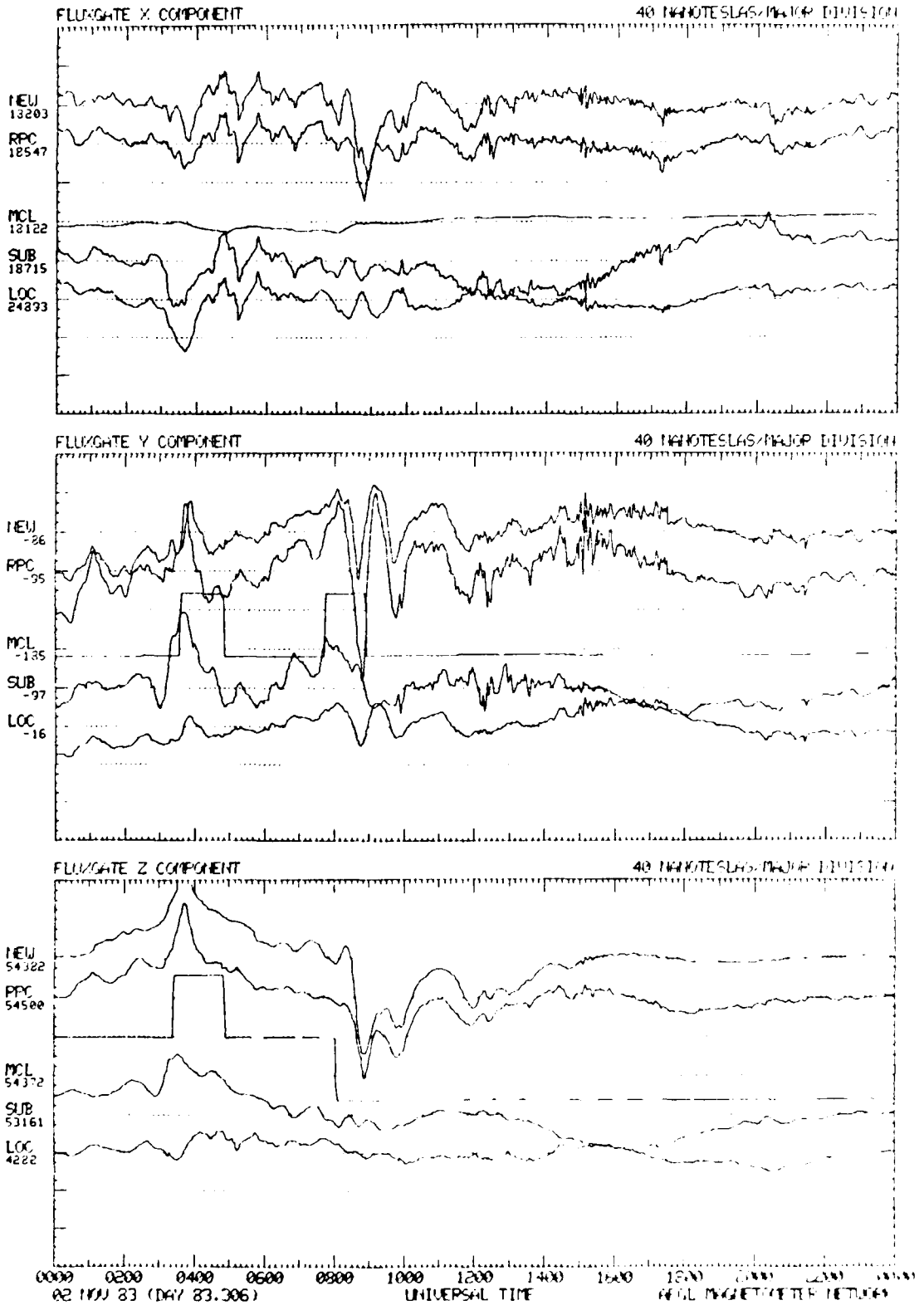

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18229
RPC
18581
MCL
18124
SUB
18748
LOC
24927
TPA
25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-88
PPC
-98
MCL
-19
SUB
-95
LOC
-18
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54366
PPC
54439
MCL
54411
SUB
53152
LOC
42822
TPA
42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 OCT 83 (DAY 83.301)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

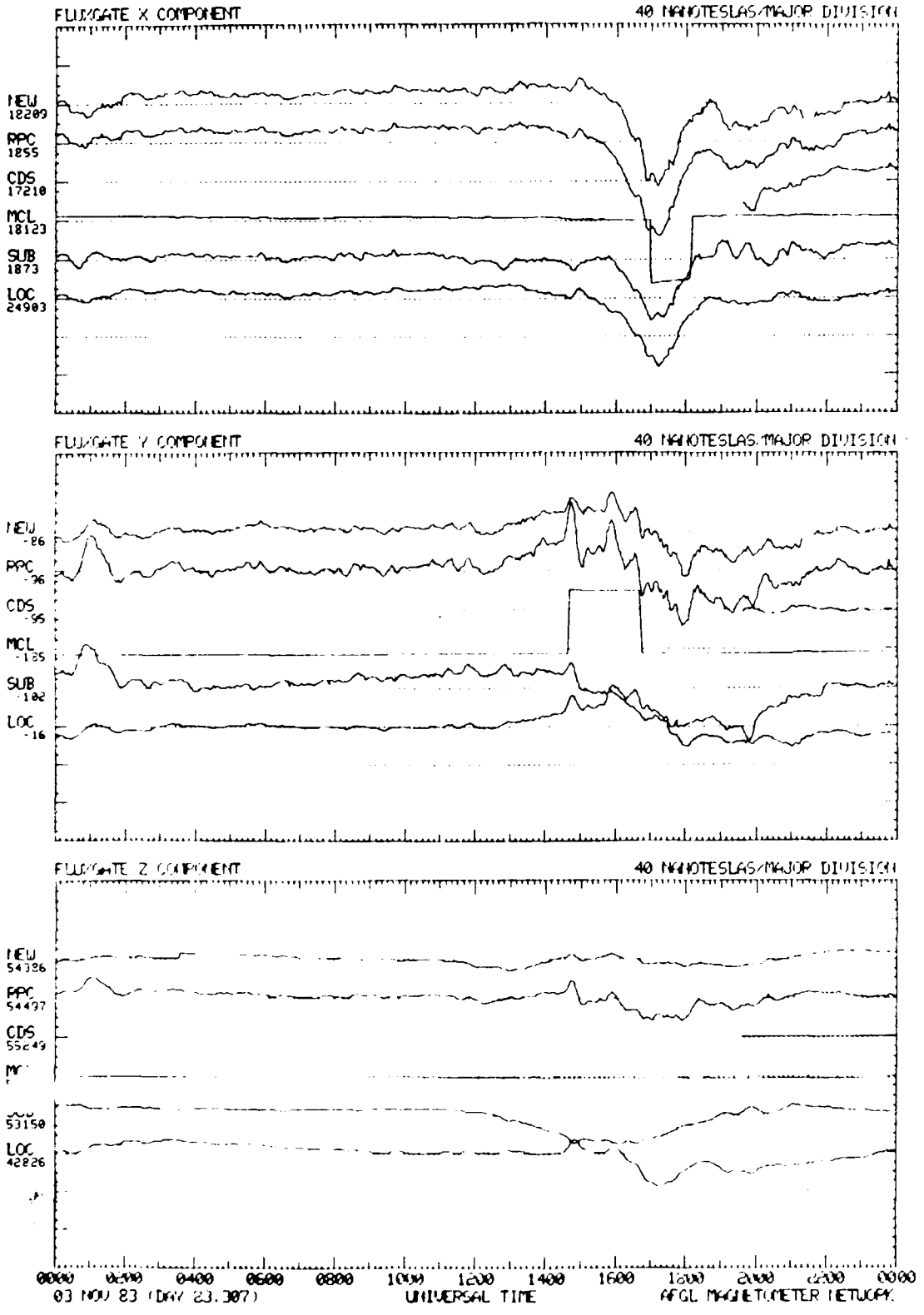

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18190
PPC
18537
MCL
18129
SUB
18727
LOC
24889
TPA
25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-76
PPC
-90
MCL
-187
SUB
-107
LOC
-12
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54361
PPC
54484
MCL
54356
SUB
53144
LOC
42824
TPA
42454
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
29 OCT 83 (DAY 83.302)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

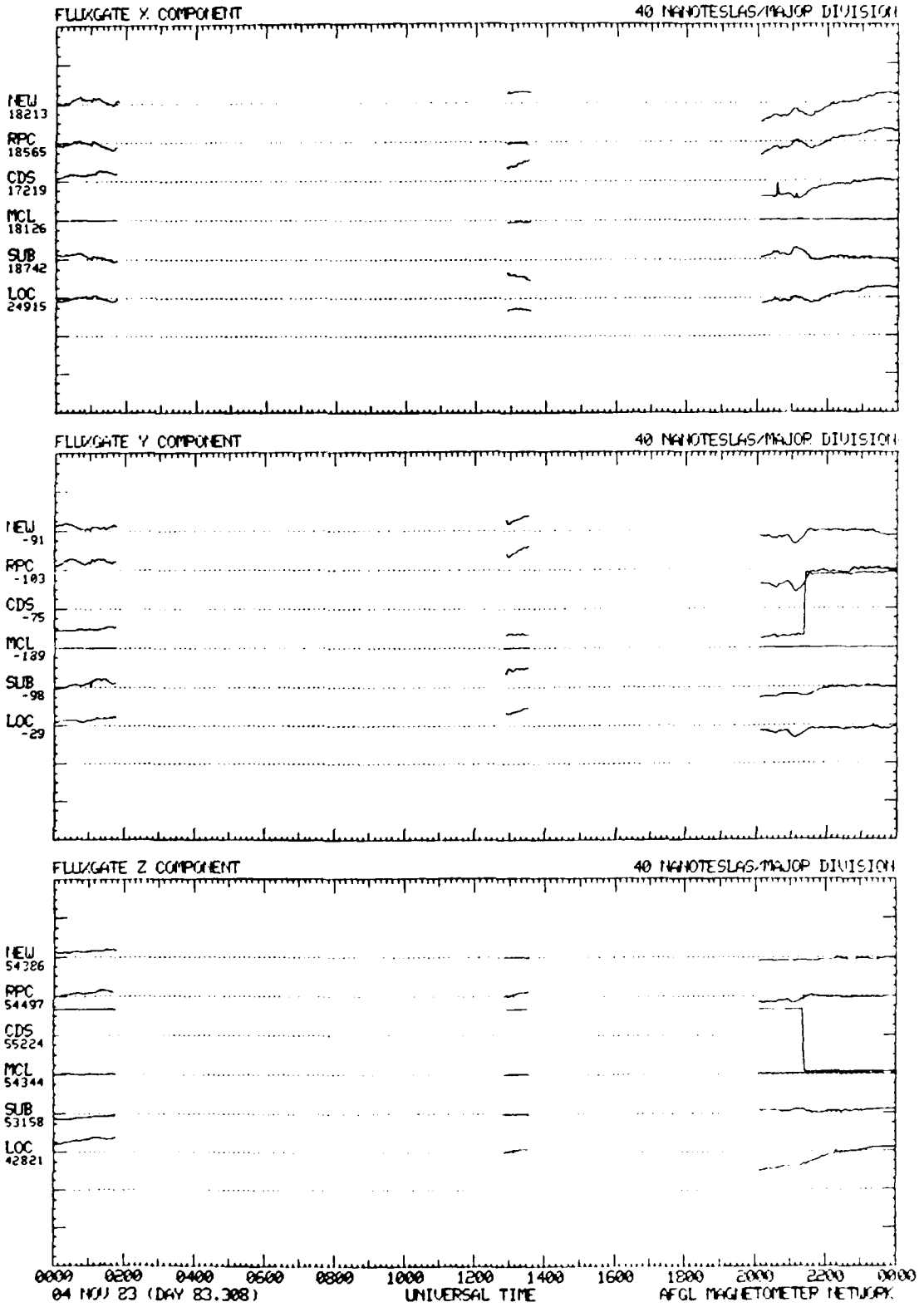

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18197
RPC
18543
MCL
18123
SUB
18717
LOC
24897
TPA
25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-77
RPC
-89
MCL
-172
SUB
-101
LOC
-1
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54362
RPC
54435
MCL
54345
SUB
53153
LOC
4222
TPA
42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 OCT 83 (DAY 83.303)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

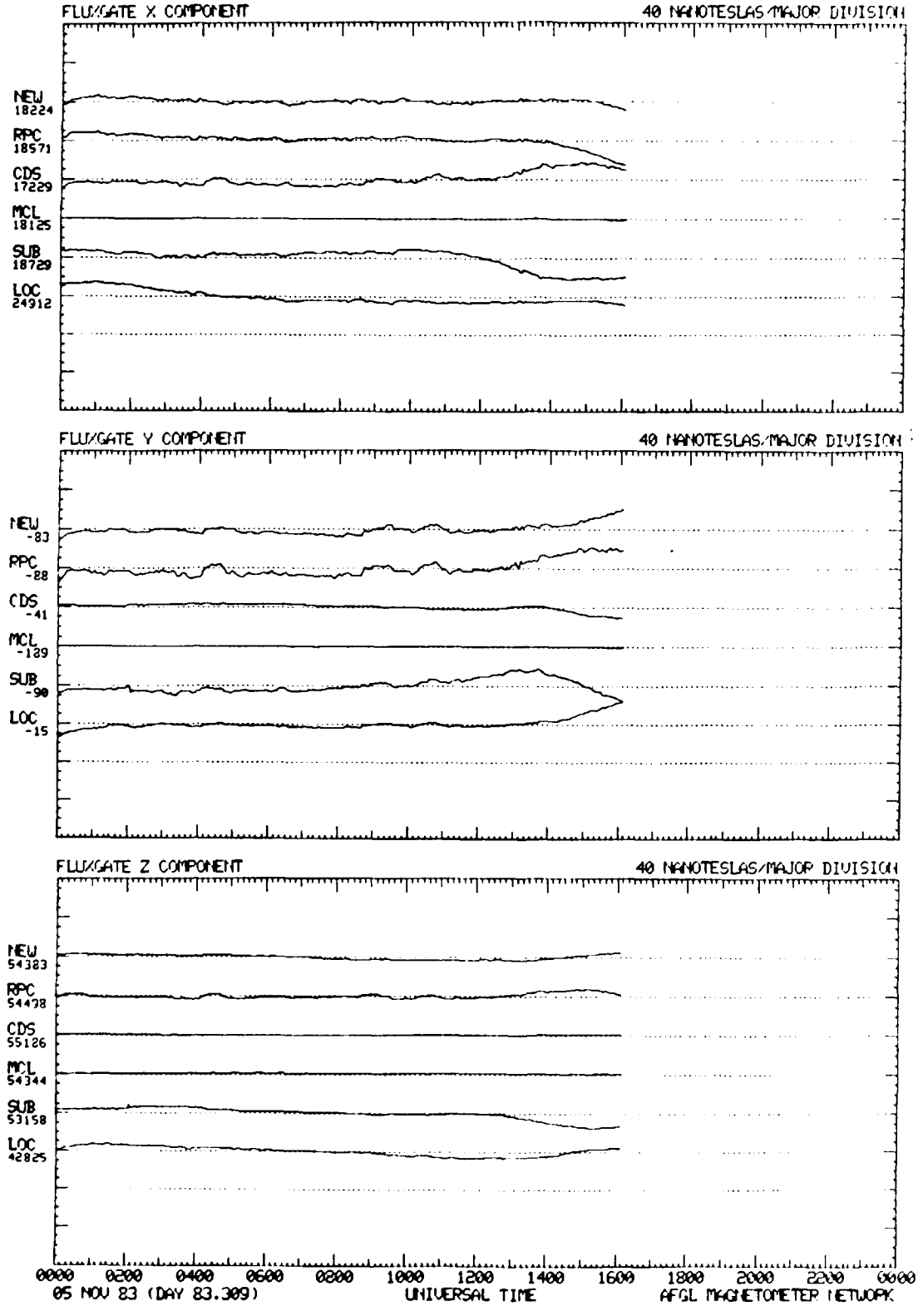

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18211
RPC
18558
MCL
18124
SUB
18727
LOC
24904
TPA
25365
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-79
RPC
-96
MCL
-190
SUB
-95
LOC
-17
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54373
PPC
54491
MCL
54345
SUB
53154
LOC
42825
TPA
42454
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
31 OCT 83 (DAY 83.304)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

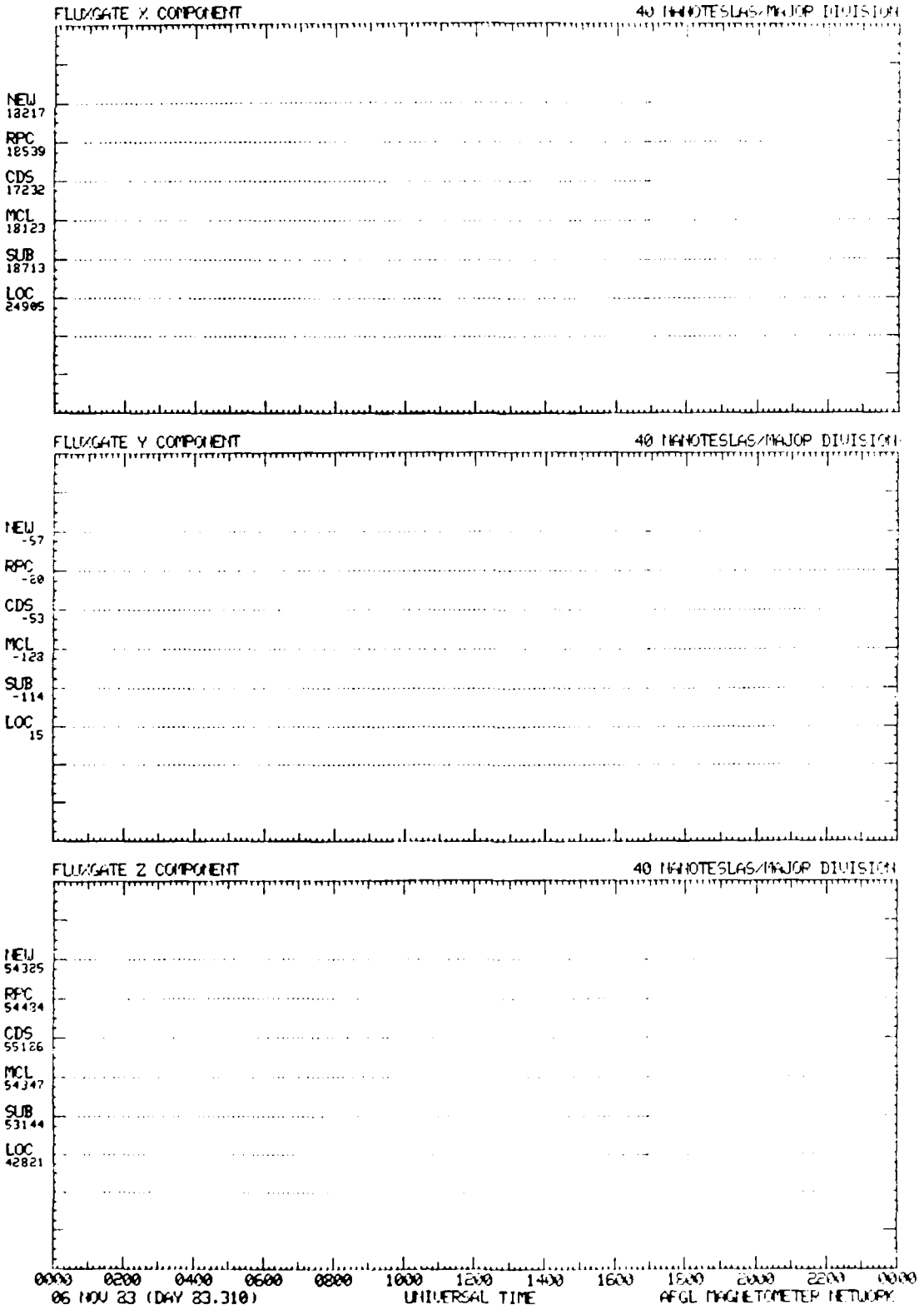

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13207
PPC
18556
MCL
18124
SUB
18725
LOC
24909
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-87
PPC
-101
MCL
-168
SUB
-101
LOC
-18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54369
PPC
54486
MCL
54352
SUB
53155
LOC
42824
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 NOV 83 (DAY 83.305)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

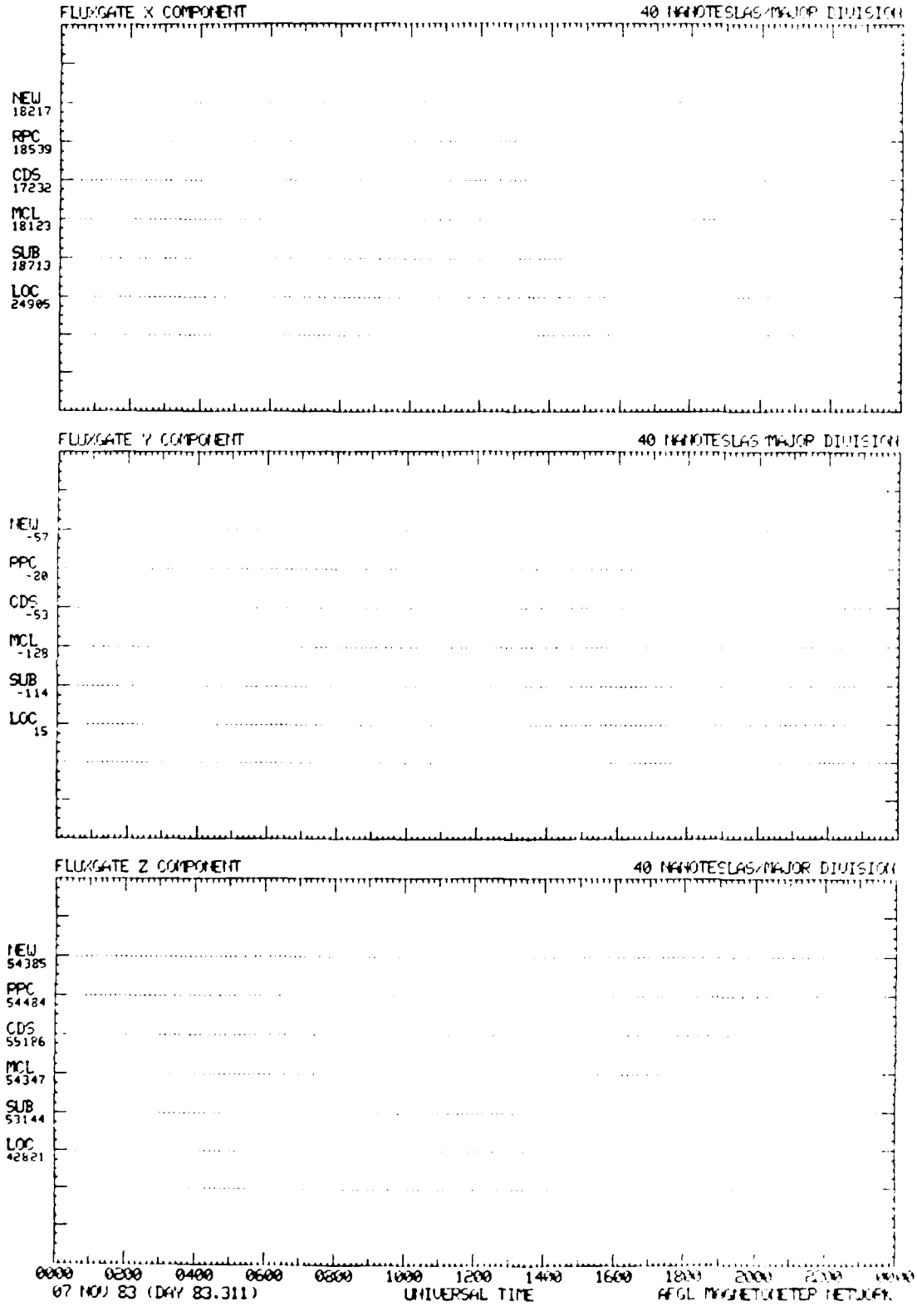

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13203
RPC
18547
MCL
18122
SUB
18715
LOC
24893
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-86
RPC
-95
MCL
-135
SUB
-97
LOC
-16
FLUXGATE Z COMPONENT
NEW
54322
RPC
54500
MCL
54372
SUB
53161
LOC
4222
0000
0200
0400
0600
0800
1000
1200
1400
02 NOV 83 (DAY 83.306)
UNIVERSAL TIME

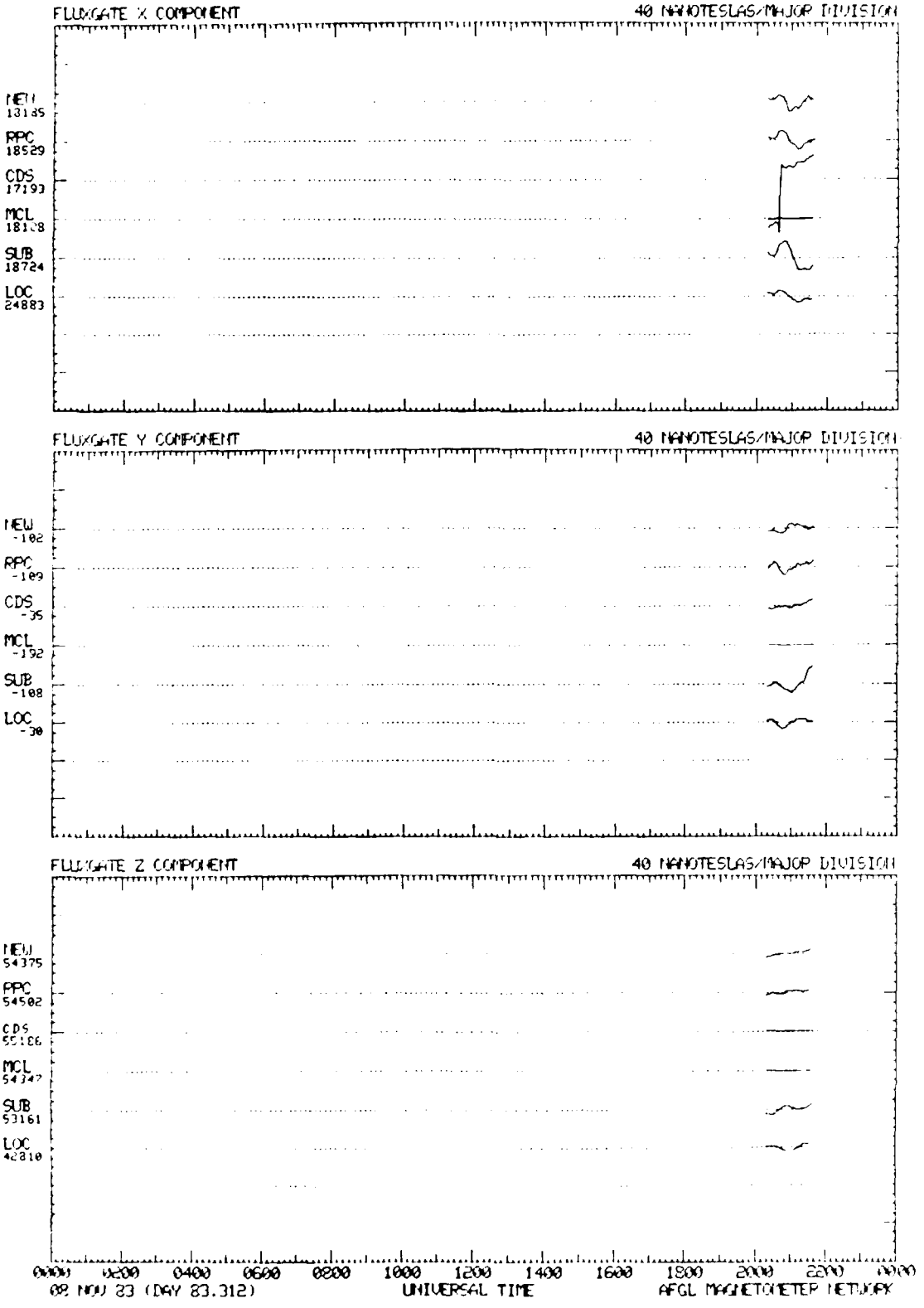

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18209
RPC
1855
CDS
17210
MCL
18123
SUB
1873
LOC
24903
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-86
RPC
-96
CDS
-95
MCL
-185
SUB
-102
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54386
RPC
54497
CDS
55249
53150
LOC
42826
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
03 NOV 83 (DAY 23.307)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

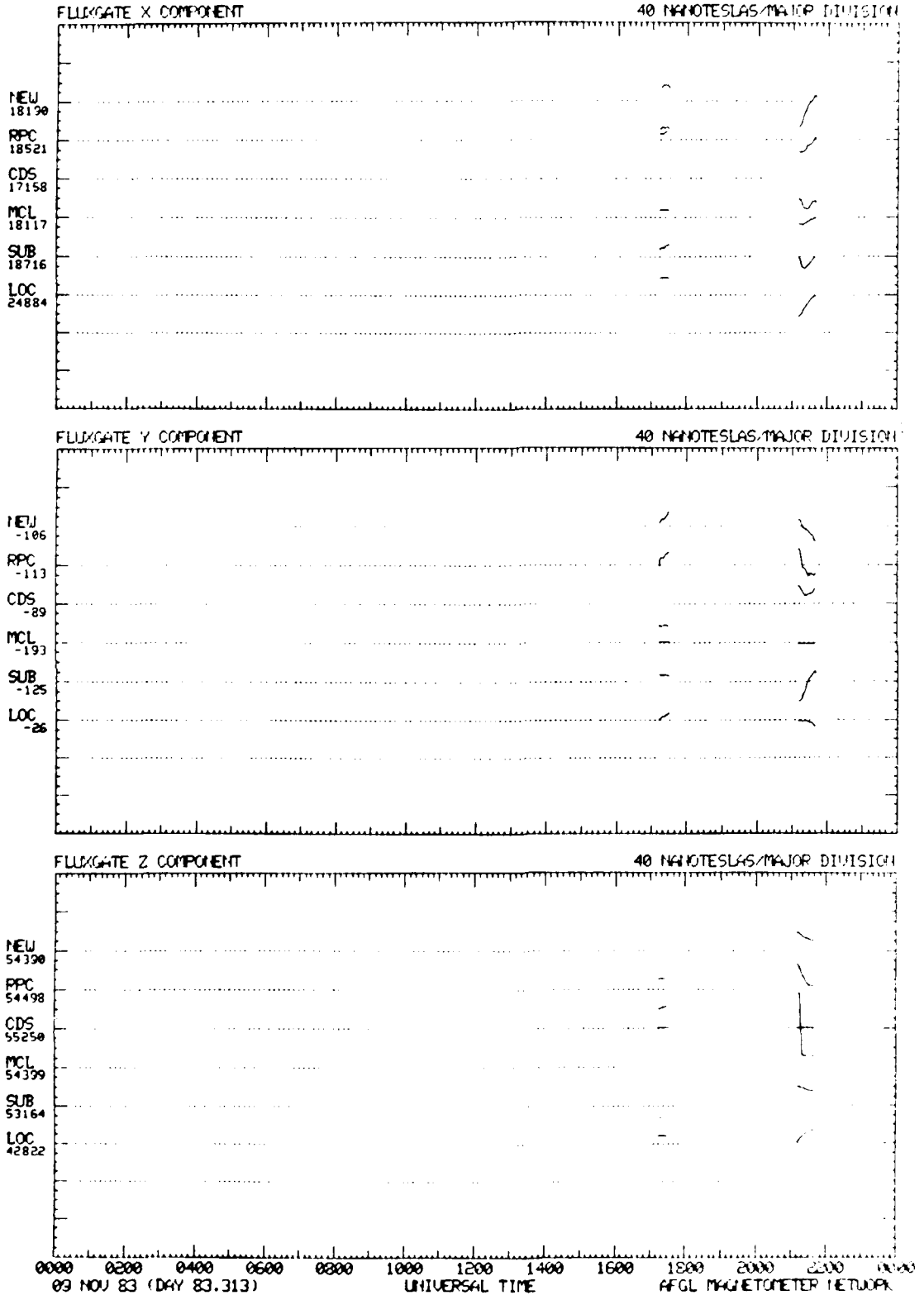

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18213
RPC 18565
CDS 17219
MCL 18126
SUB 18742
LOC 24915
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -91
RPC -103
CDS -75
MCL -189
SUB -98
LOC -29
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54386
RPC 54497
CDS 55224
MCL 54344
SUB 53158
LOC 42821
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 NOV 83 (DAY 83.308)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

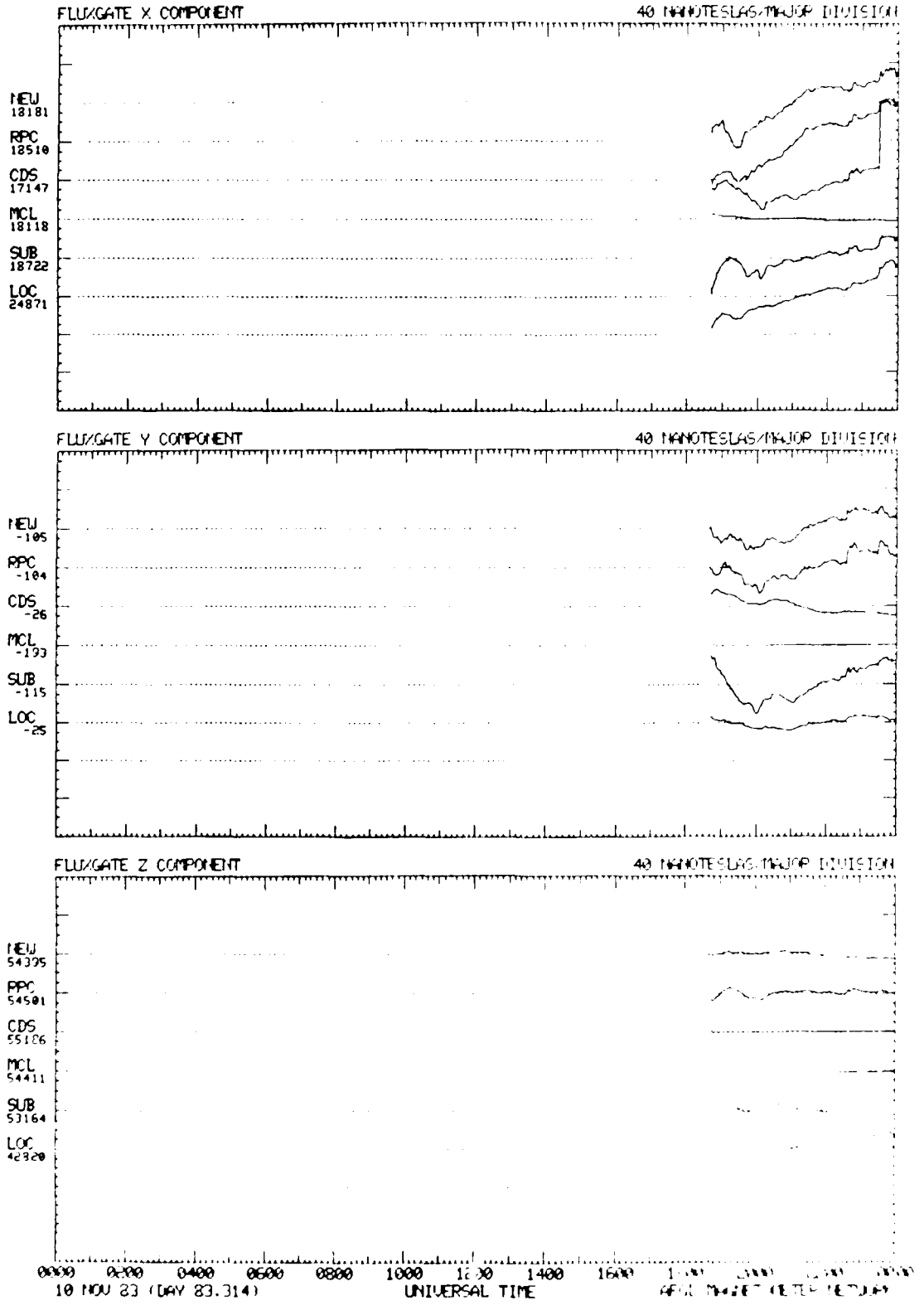

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18224
RPC
18571
CDS
17229
MCL
18125
SUB
18729
LOC
24912
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-83
RPC
-88
CDS
-41
MCL
-139
SUB
-90
LOC
-15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54383
RPC
54478
CDS
55126
MCL
54344
SUB
53158
LOC
42825
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 NOV 83 (DAY 83.309)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

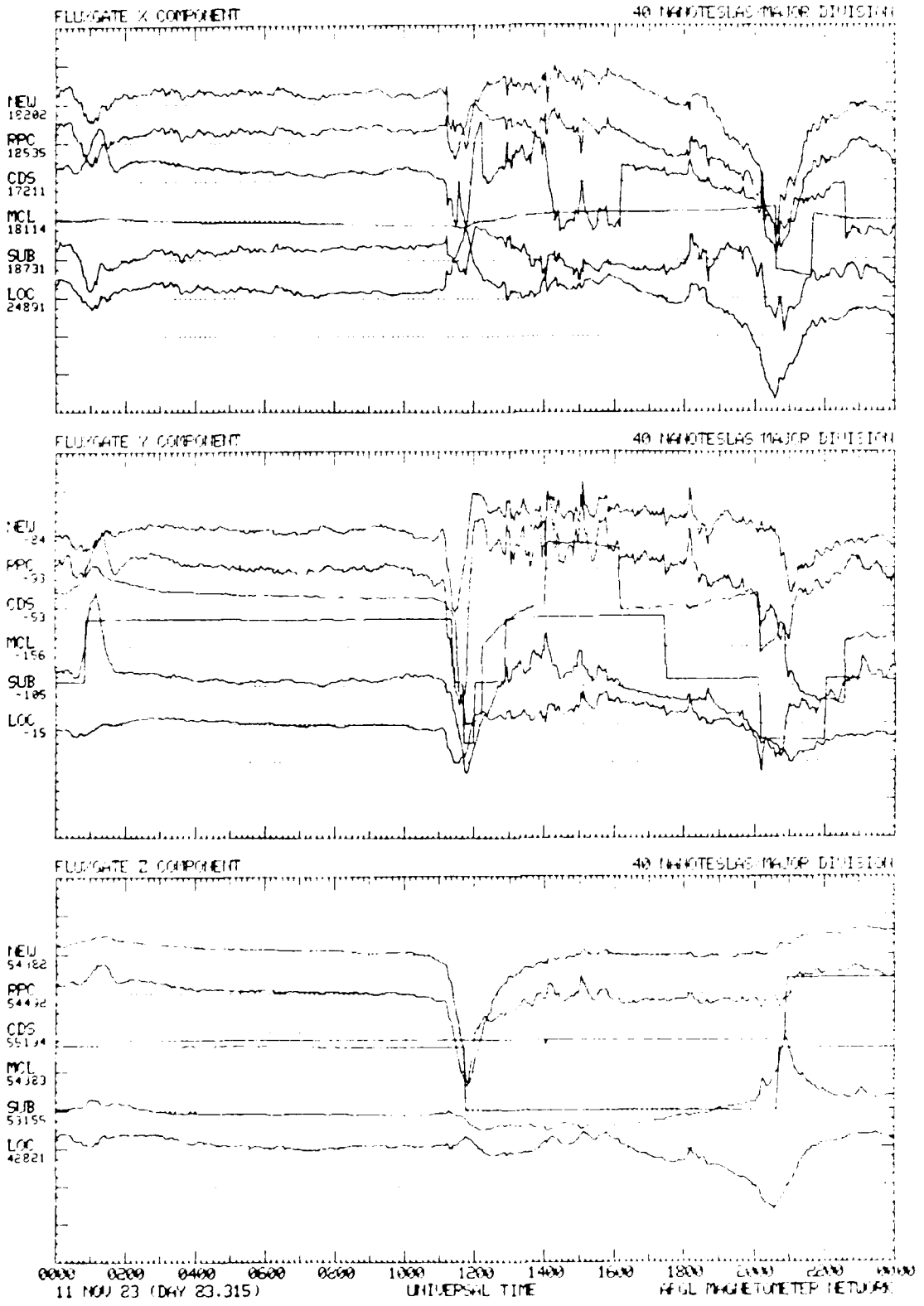

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18217
RPC 18539
CDS 17232
MCL 18123
SUB 18713
LOC 24905
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -57
RPC -80
CDS -53
MCL -123
SUB -114
LOC 15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54325
RPC 54434
CDS 55186
MCL 54347
SUB 53144
LOC 42821
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 NOV 83 (DAY 83.310)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

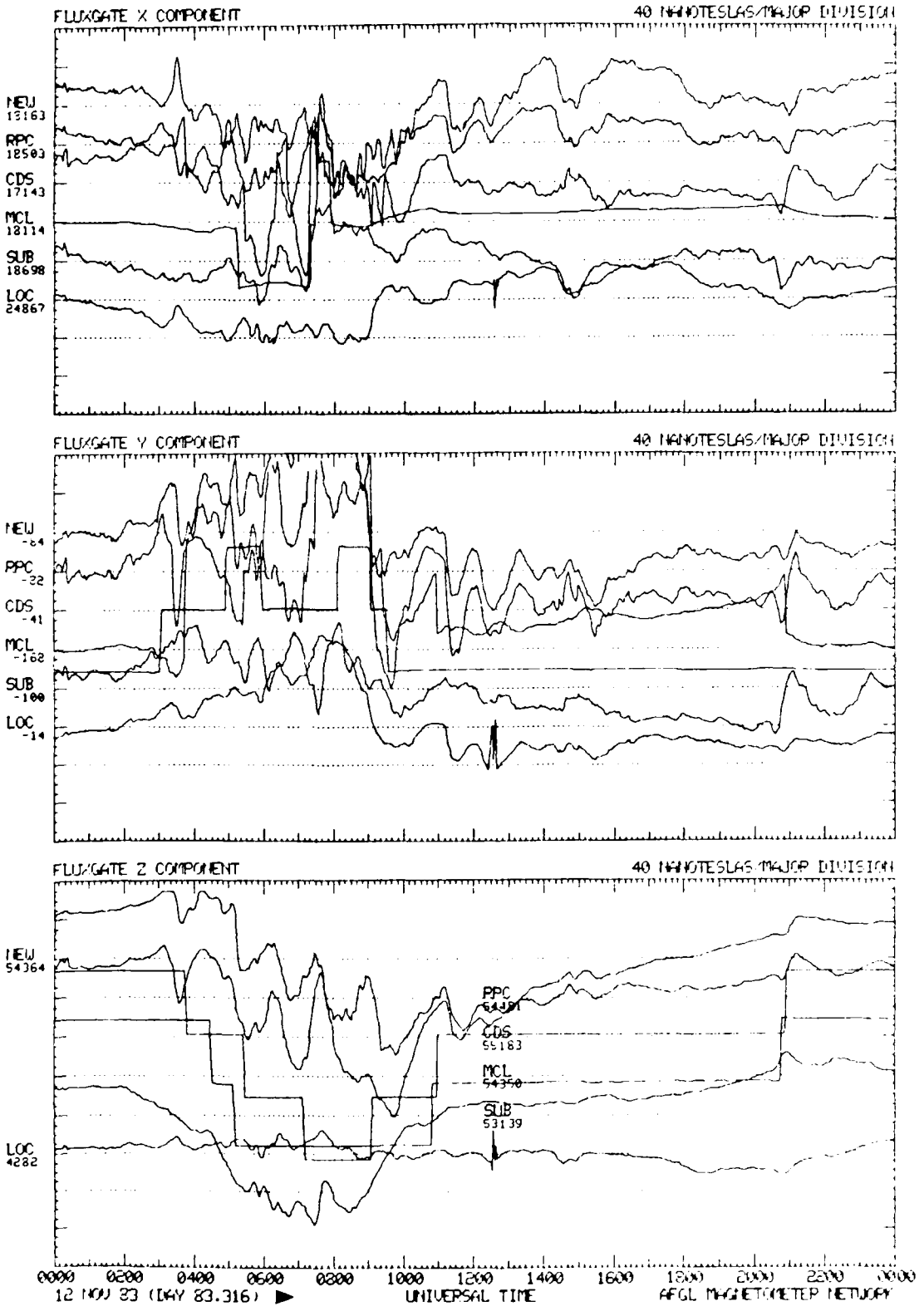

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18217
RPC 18539
CDS 17232
MCL 18123
SUB 18713
LOC 24905
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -57
PPC -20
CDS -53
MCL -128
SUB -114
LOC 15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54385
PPC 54484
CDS 55186
MCL 54347
SUB 53144
LOC 42621
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200
07 NOV 83 (DAY 83.311)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

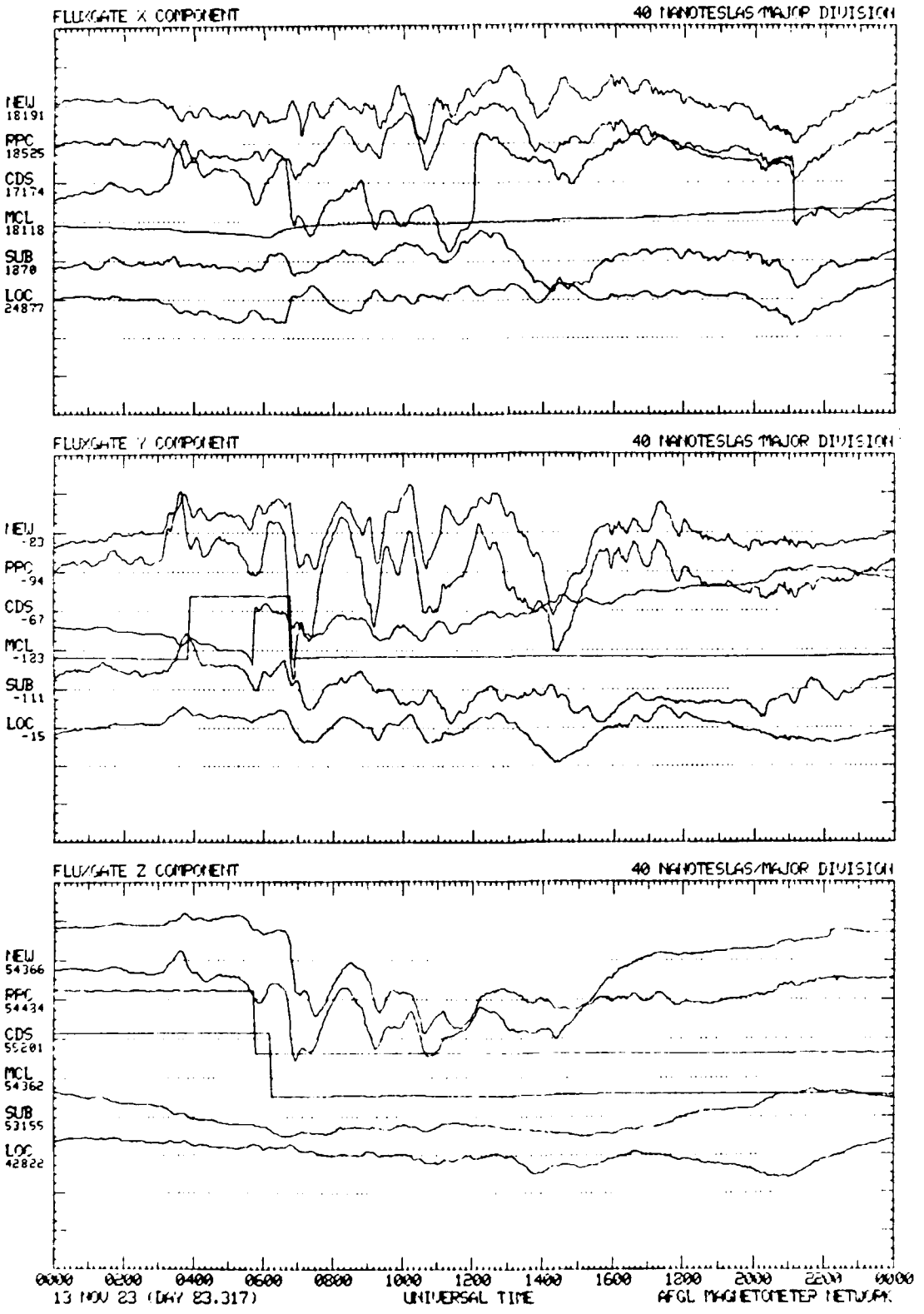

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13185
RPC
18529
CDS
17193
MCL
18138
SUB
18724
LOC
24883
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-102
RPC
-109
CDS
-35
MCL
-192
SUB
-108
LOC
-30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54375
RPC
54502
CDS
55106
MCL
54347
SUB
53161
LOC
42810
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
02 NOV 83 (DAY 83.312)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

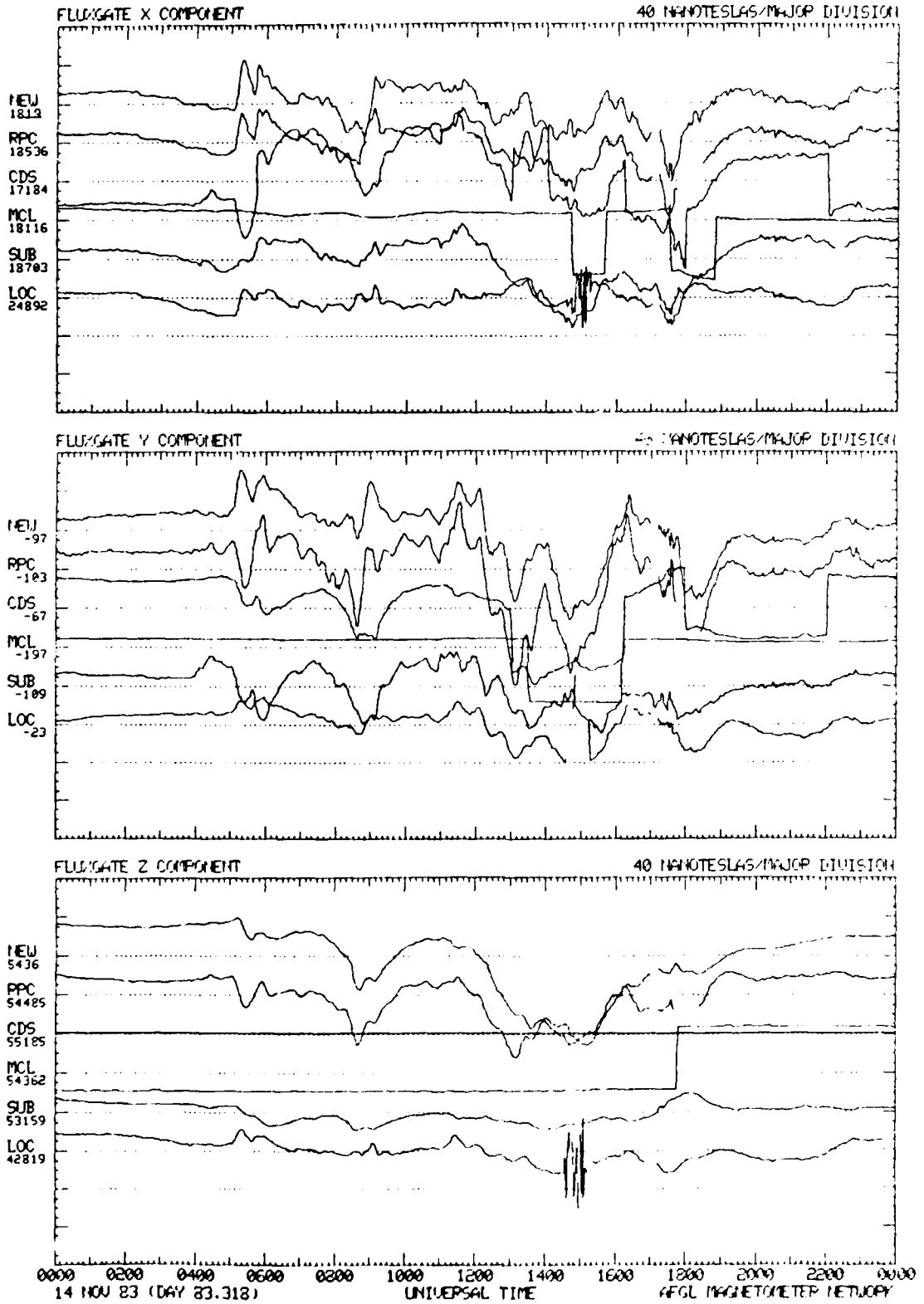

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18190
RPC 18521
CDS 17158
MCL 18117
SUB 18716
LOC 24884
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -106
RPC -113
CDS -89
MCL -193
SUB -125
LOC -26
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54390
RPC 54498
CDS 55250
MCL 54399
SUB 53164
LOC 42822
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200
09 NOV 83 (DAY 83.313)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

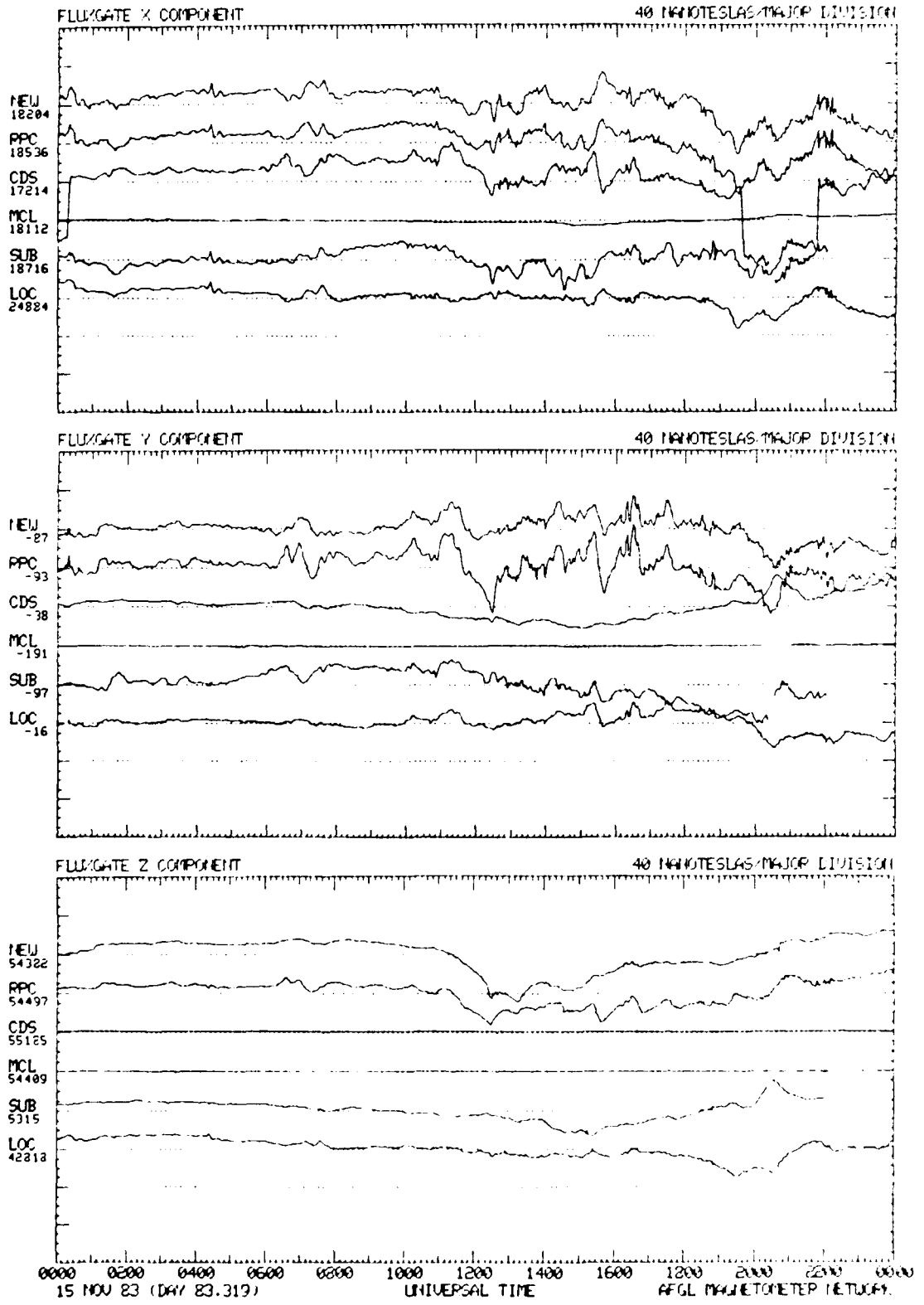

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18181
RPC
18510
CDS
17147
MCL
18118
SUB
18722
LOC
24871
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-105
RPC
-104
CDS
-26
MCL
-193
SUB
-115
LOC
-25
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54395
RPC
54501
CDS
55106
MCL
54411
SUB
53164
LOC
42820
0000
0200
0400
0600
0800
1000
1200
1400
1600
10 NOV 83 (DAY 83.314)
UNIVERSAL TIME

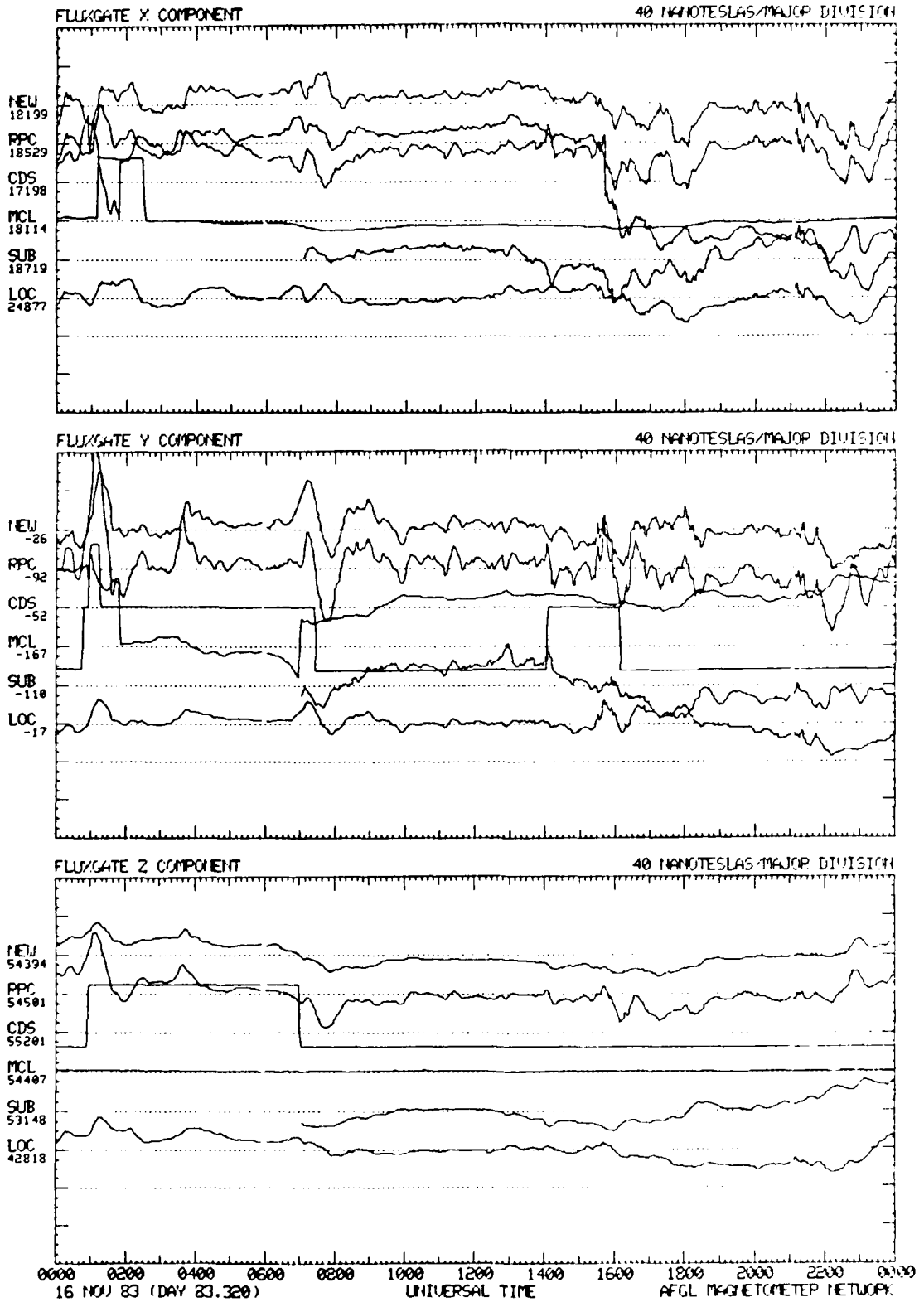

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18202
RPC 18535
CDS 17211
MCL 18114
SUB 18731
LOC 24891
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -24
RPC -93
CDS -93
MCL -156
SUB -105
LOC -15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54182
RPC 54432
CDS 55194
MCL 54383
SUB 53155
LOC 42821
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800
11 NOV 23 (DAY 23.315)
UNIVERSAL TIME
AFGL MAGNETOMETER RETURNS

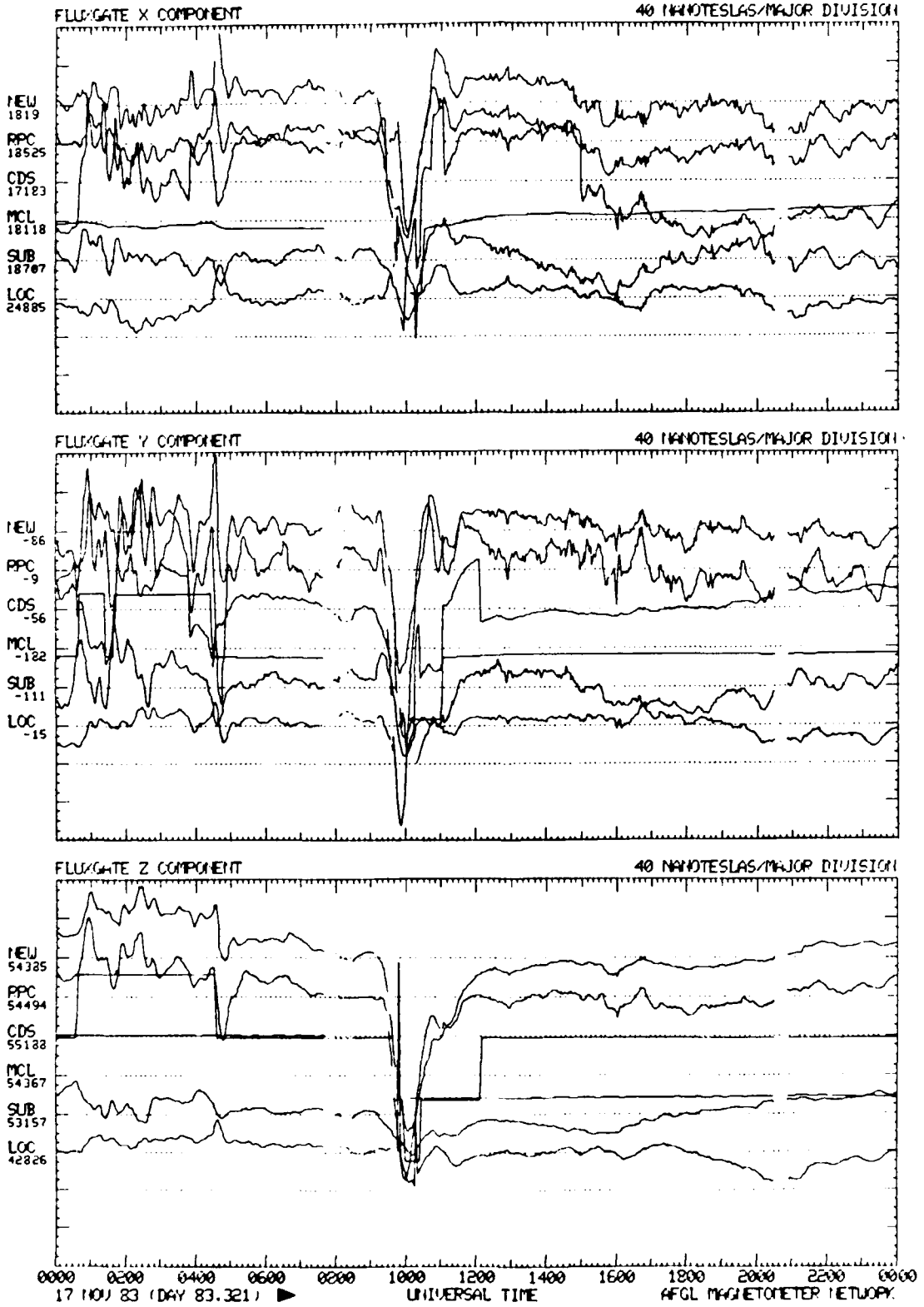

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13163
RPC
18503
CDS
17143
MCL
18114
SUB
18698
LOC
24867
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-64
RPC
-22
CDS
-41
MCL
-162
SUB
-100
LOC
-14
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54364
RPC
54304
CDS
55183
MCL
54350
SUB
53139
LOC
4282
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
12 NOV 83 (DAY 83.316)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

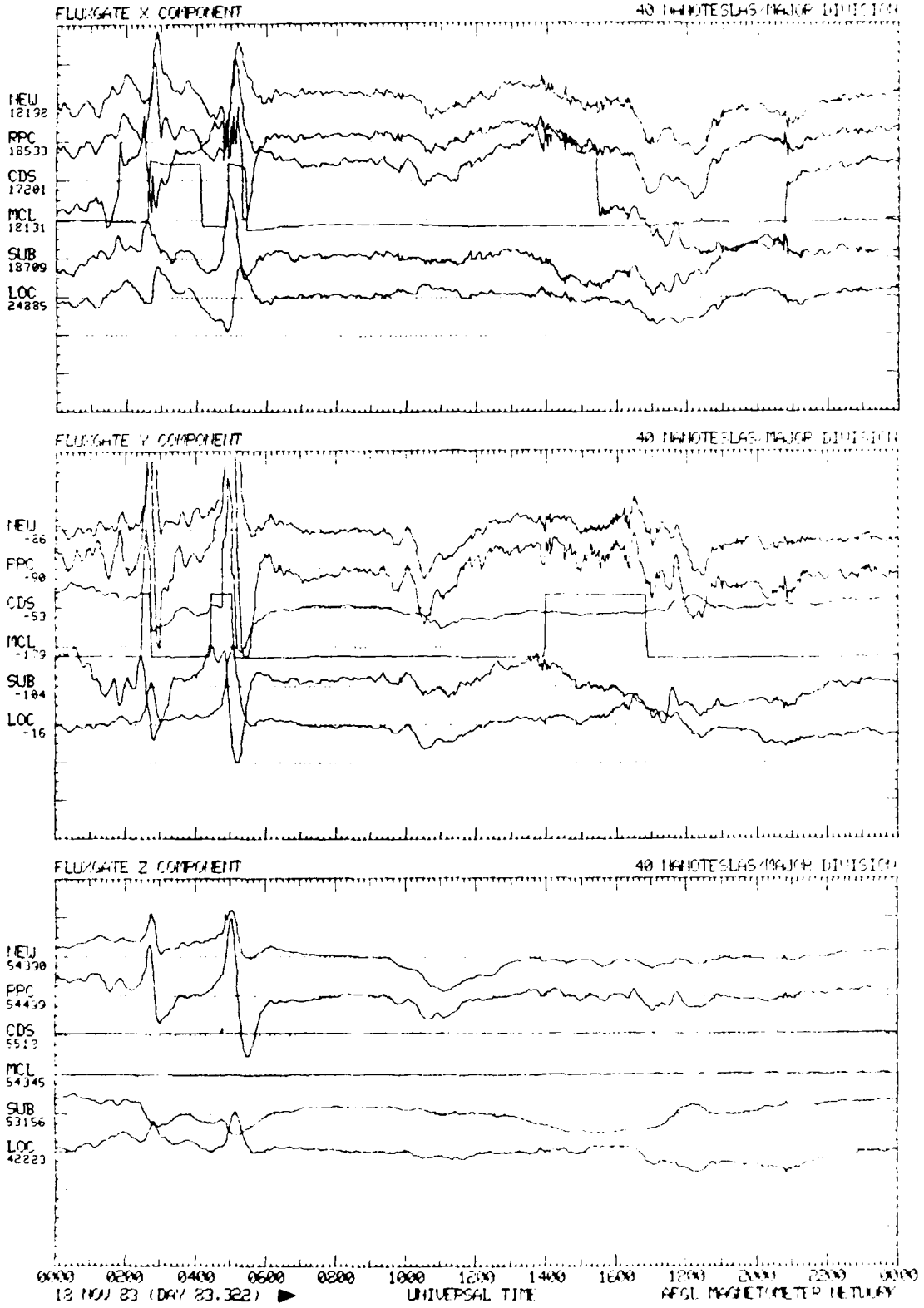

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18191
PPC
18525
CDS
17174
MCL
18118
SUB
1870
LOC
24877
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-83
PPC
-94
CDS
-67
MCL
-123
SUB
-111
LOC
-15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54366
PPC
54434
CDS
55201
MCL
54362
SUB
53155
LOC
42822
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 NOV 23 (DAY 83.317)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

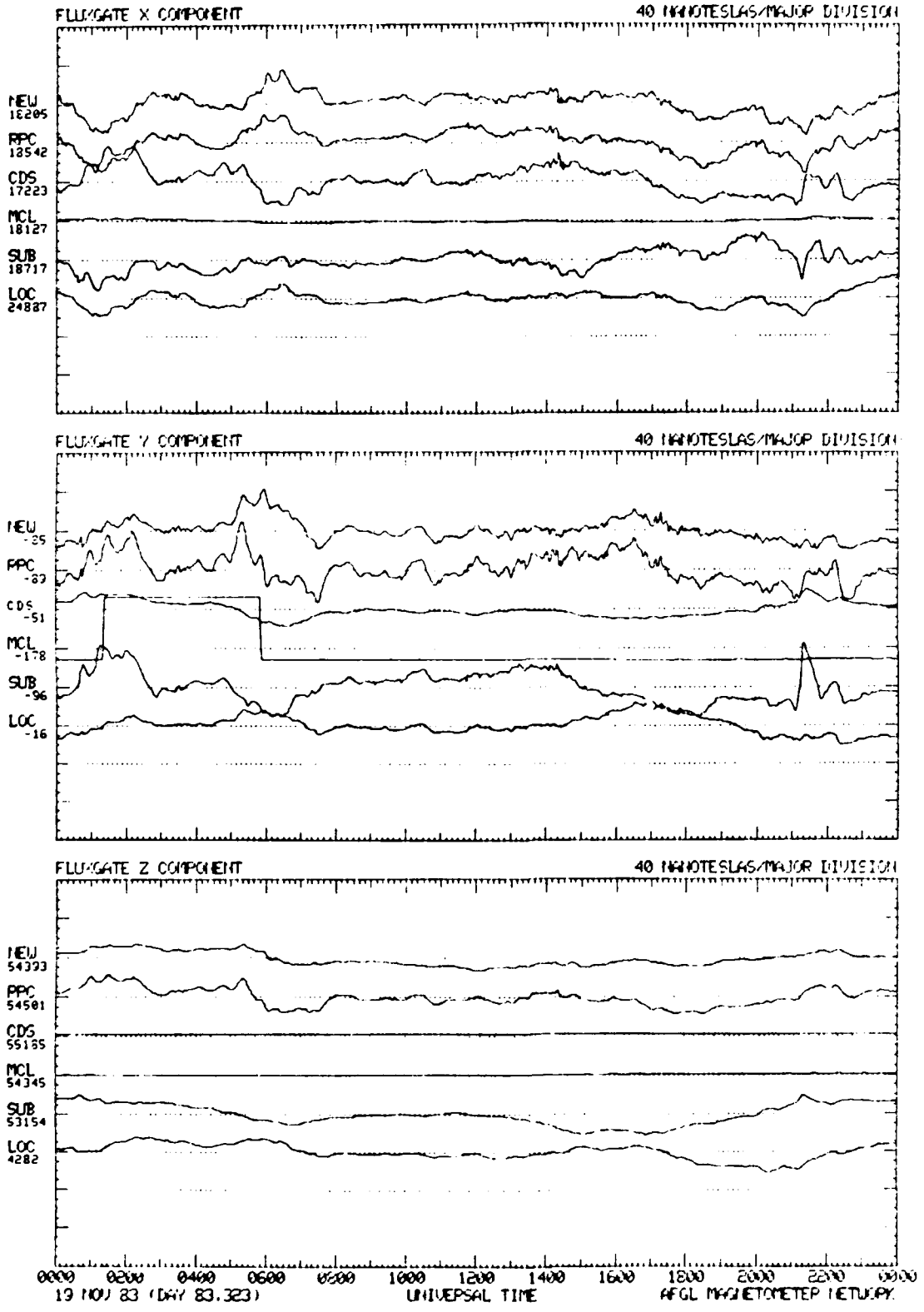

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1813
RPC
18536
CDS
17184
MCL
18116
SUB
18703
LOC
24892
FLUXGATE Y COMPONENT
NEW
-97
RPC
-103
CDS
-67
MCL
-197
SUB
-109
LOC
-23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54436
RPC
54485
CDS
55185
MCL
54362
SUB
53159
LOC
42819
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 NOV 83 (DAY 83.318)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

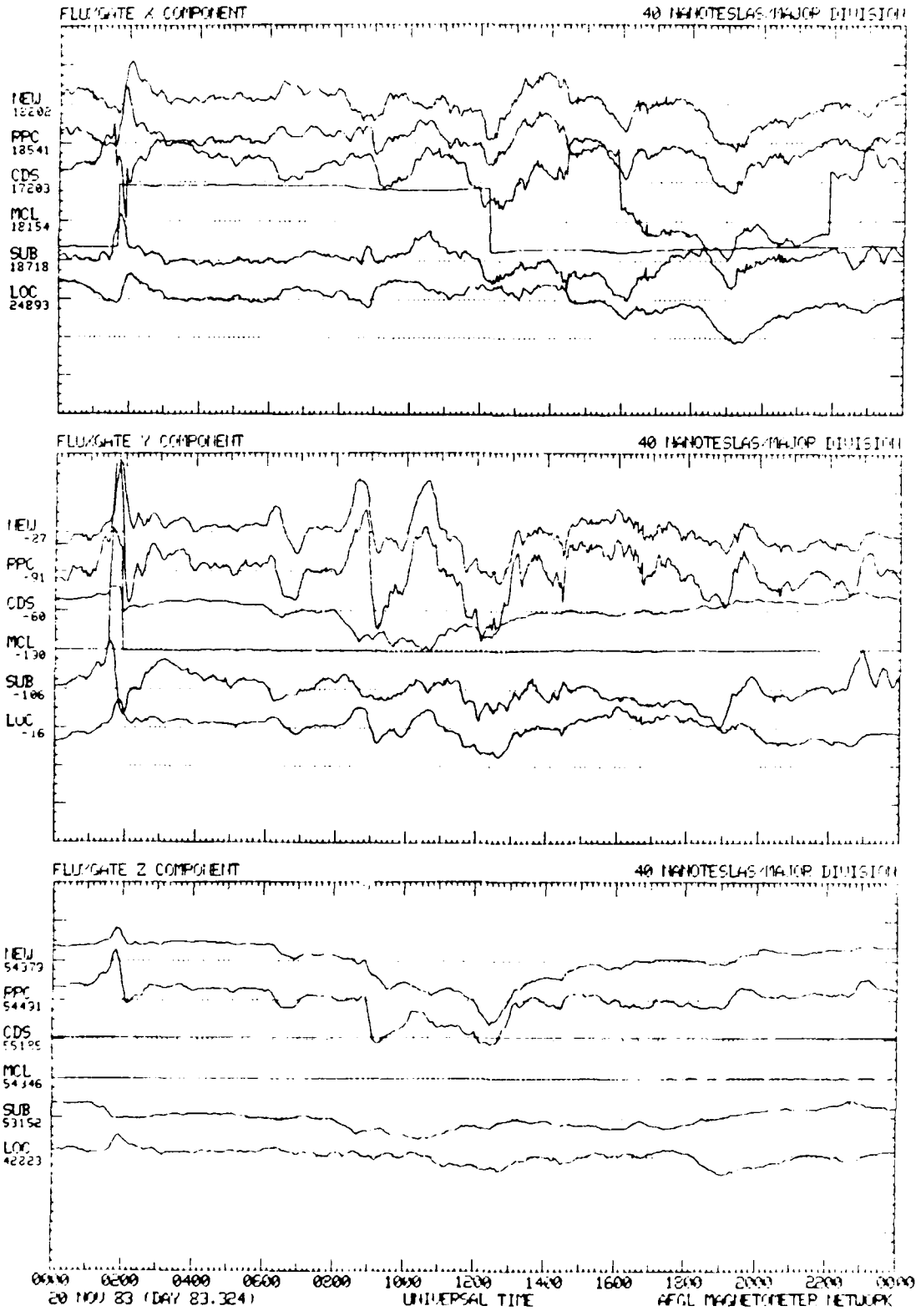

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18204
PPC
18536
CDS
17214
MCL
18112
SUB
18716
LOC
24884
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-87
PPC
-93
CDS
-38
MCL
-191
SUB
-97
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54322
PPC
54497
CDS
55125
MCL
54409
SUB
5315
LOC
42818
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
15 NOV 83 (DAY 83.319)
UNIVERSAL TIME
AFGL MAGNETOMETER RETUGEN

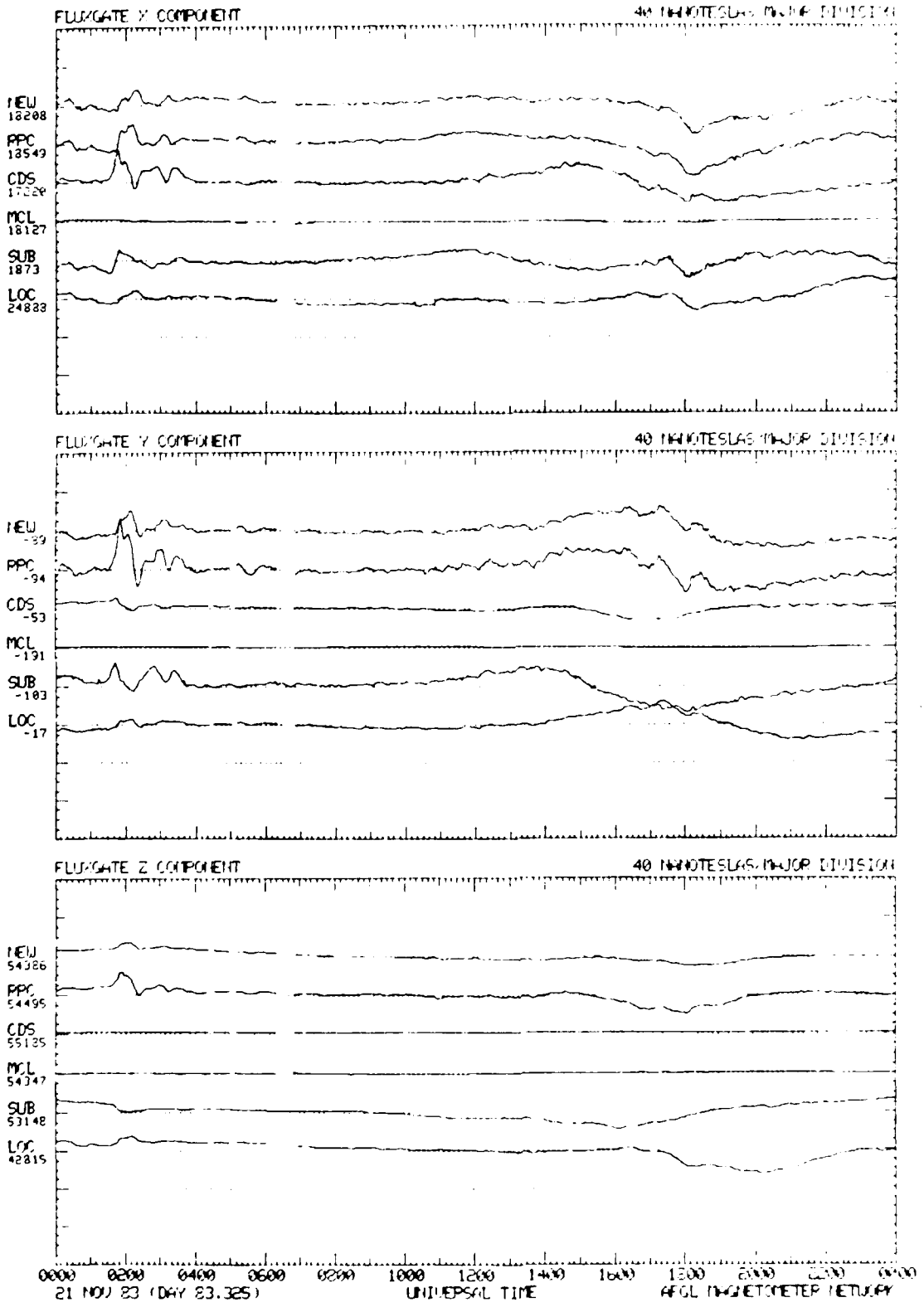

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18199
RPC 18529
CDS 17198
MCL 18114
SUB 18719
LOC 24877
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -26
RPC -92
CDS -52
MCL -167
SUB -110
LOC -17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54394
RPC 54501
CDS 55201
MCL 54407
SUB 53148
LOC 42818
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 NOV 83 (DAY 83.320)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

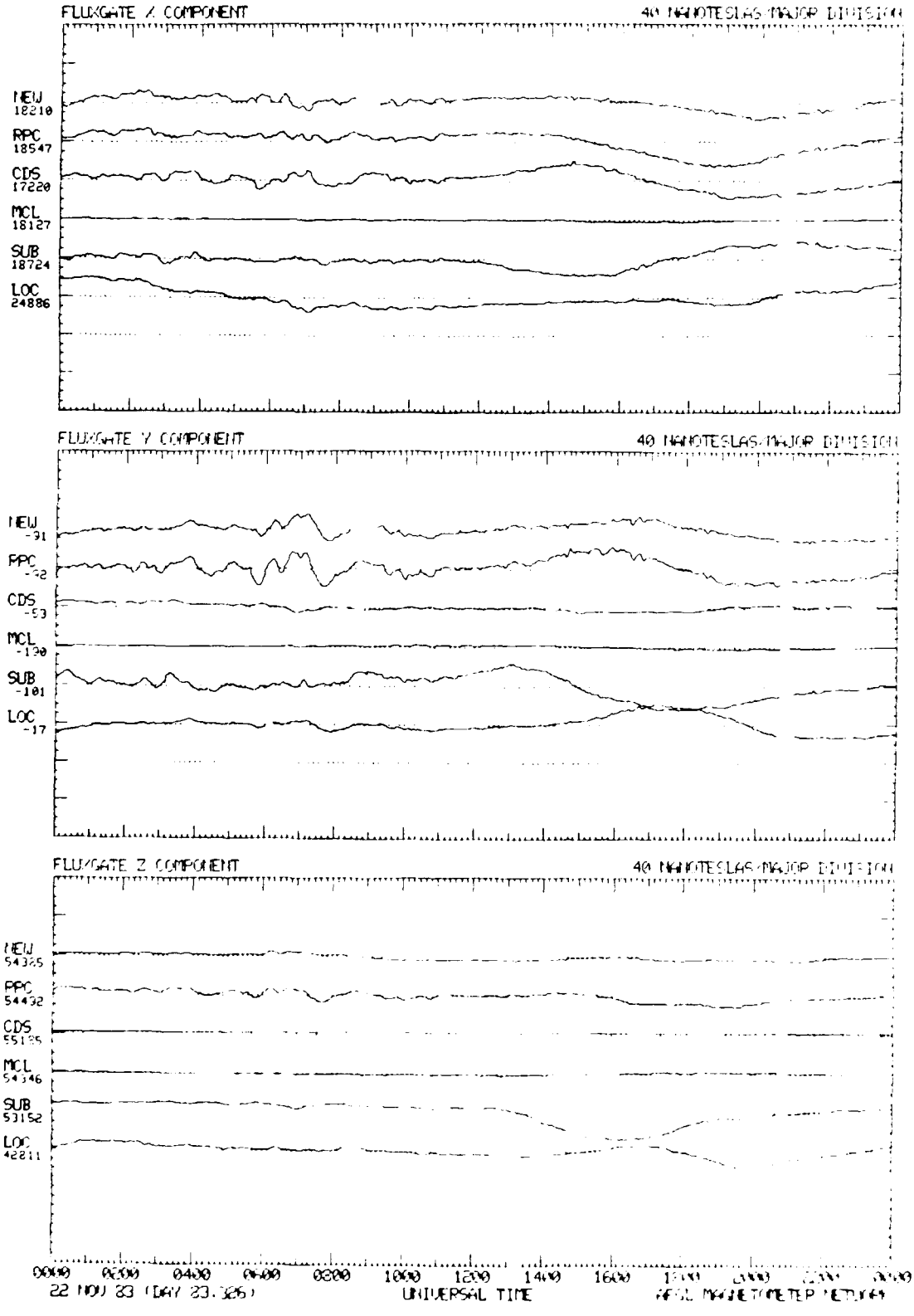

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 1819
RPC 18525
CDS 17183
MCL 18118
SUB 18707
LOC 24885
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -86
RPC -9
CDS -56
MCL -122
SUB -111
LOC -15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54385
RPC 54494
CDS 55188
MCL 54367
SUB 53157
LOC 42826
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 NOV 83 (DAY 83.321)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

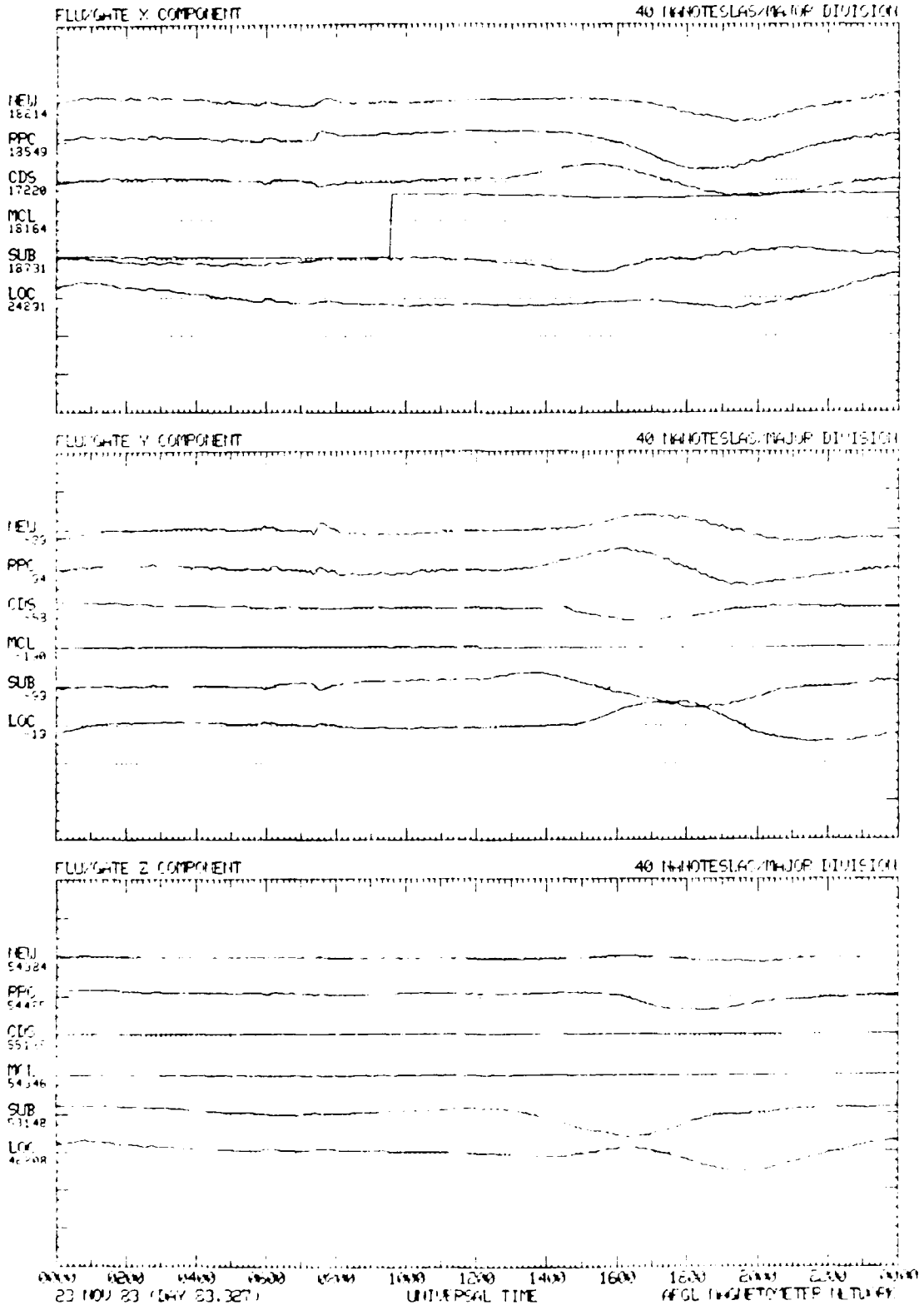

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12192
RPC
18533
CDS
17201
MCL
18131
SUB
18709
LOC
24885
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-26
RPC
-90
CDS
-53
MCL
-179
SUB
-104
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54390
RPC
54439
CDS
5513
MCL
54345
SUB
53156
LOC
42823
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
13 NOV 83 (DAY 23.322)
UNIVERSAL TIME
AFGL MAGNETOMETER RETURN

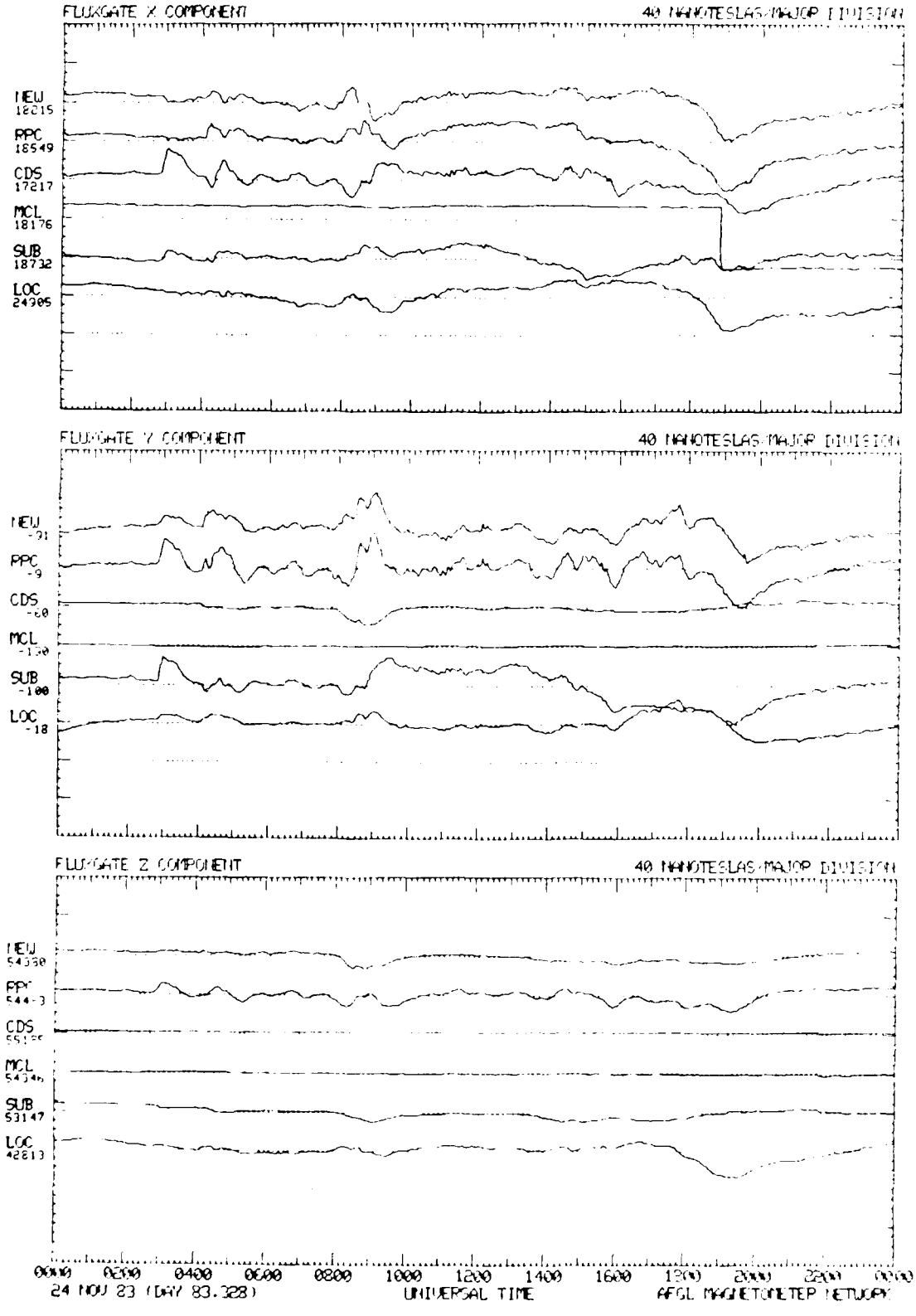

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18205
PPC
18542
CDS
17223
MCL
18127
SUB
18717
LOC
24887
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-35
PPC
-87
CDS
-51
MCL
-178
SUB
-96
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54393
PPC
54501
CDS
55165
MCL
54345
SUB
53154
LOC
4282
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 NOV 83 (DAY 83.323)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

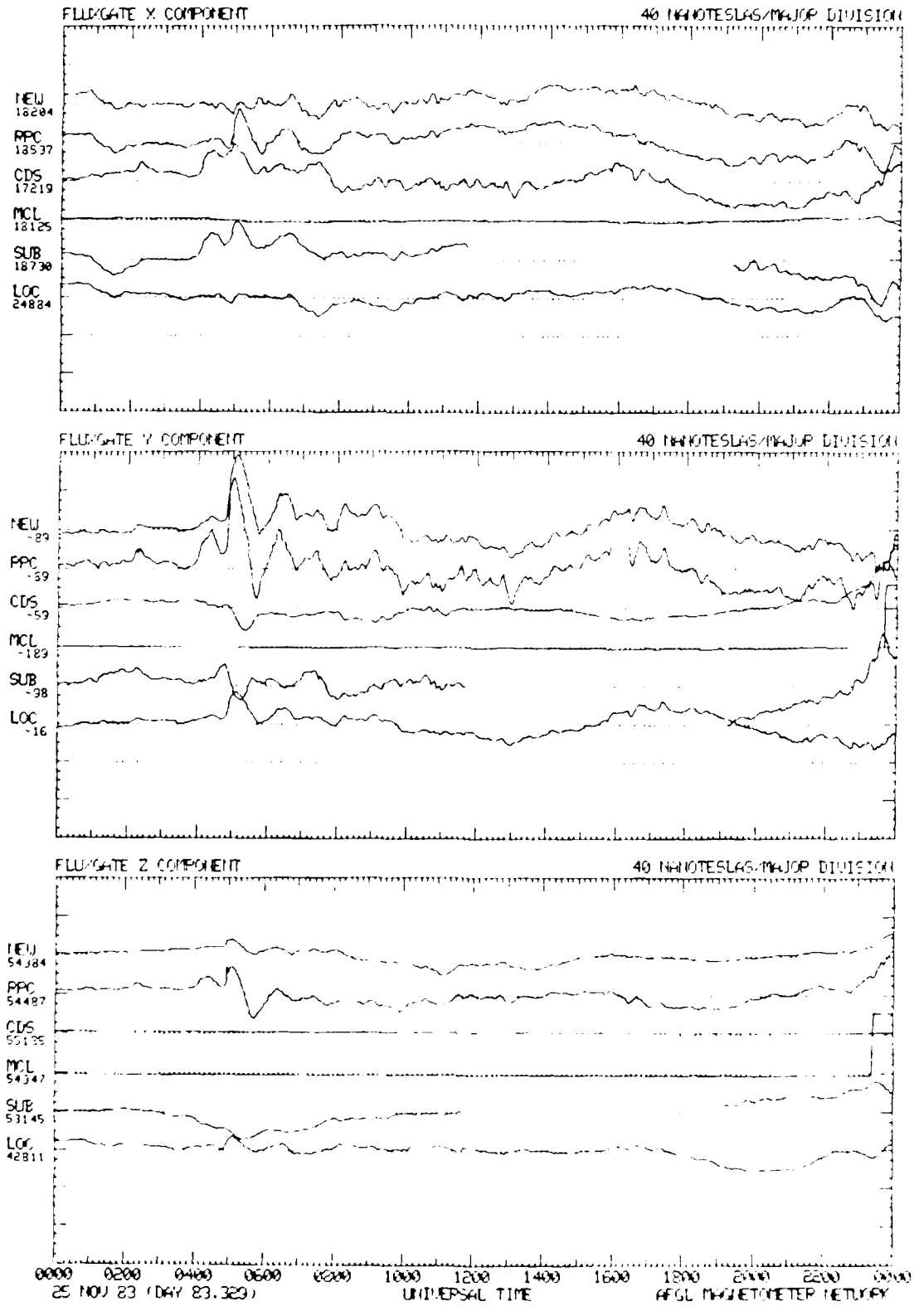

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18202
PPC
18541
CDS
17203
MCL
18154
SUB
18718
LOC
24893
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-27
PPC
-91
CDS
-60
MCL
-130
SUB
-106
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54379
PPC
54431
CDS
55195
MCL
54346
SUB
53152
LOC
42223
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
20 NOV 83 (DAY 83.324)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

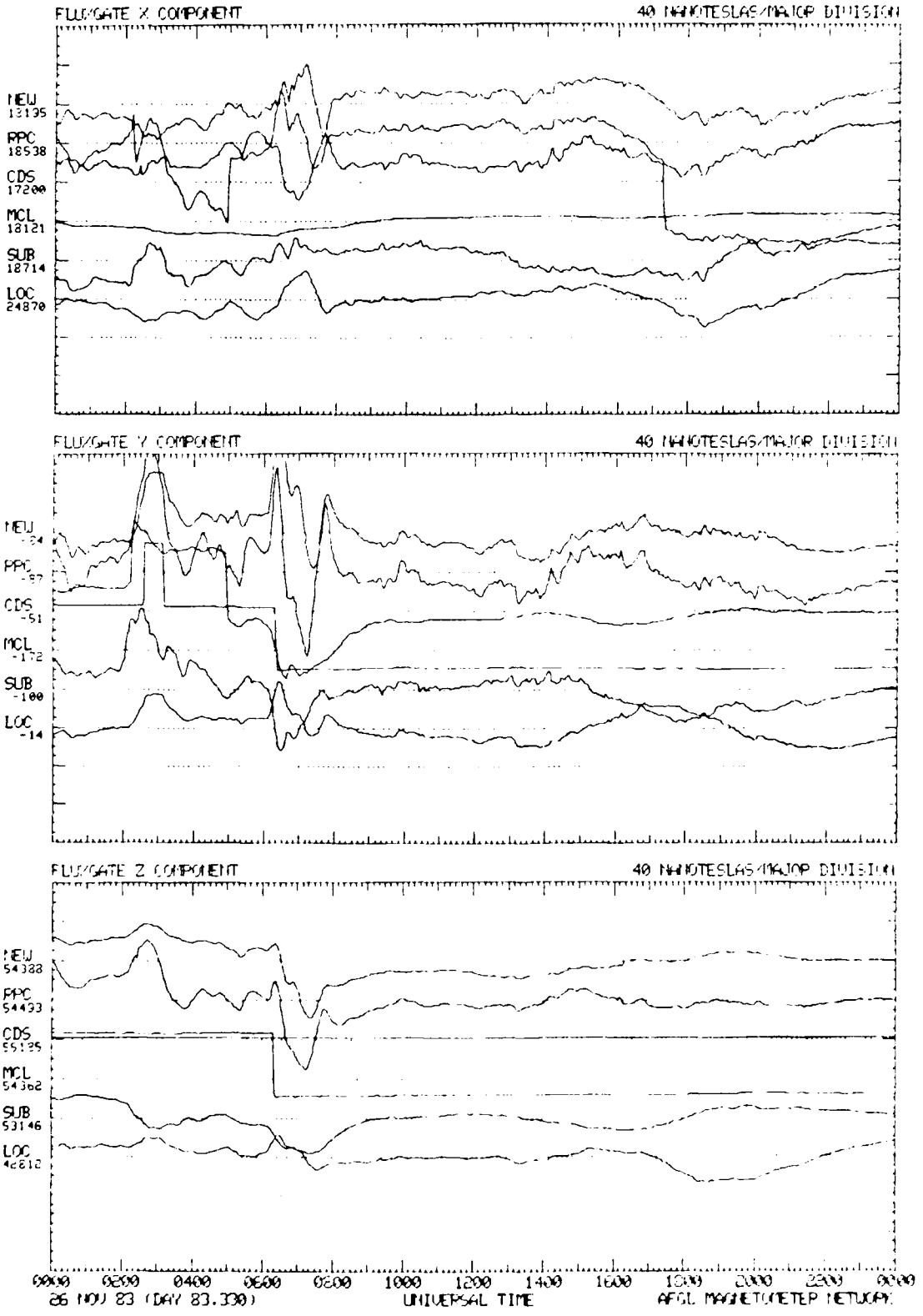

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18208
PPC
18549
CDS
17220
MCL
18127
SUB
1873
LOC
24883
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-99
PPC
-94
CDS
-53
MCL
-191
SUB
-103
LOC
-17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54386
PPC
54496
CDS
55135
MCL
54047
SUB
53148
LOC
42815
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
21 NOV 83 (DAY 83.325)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

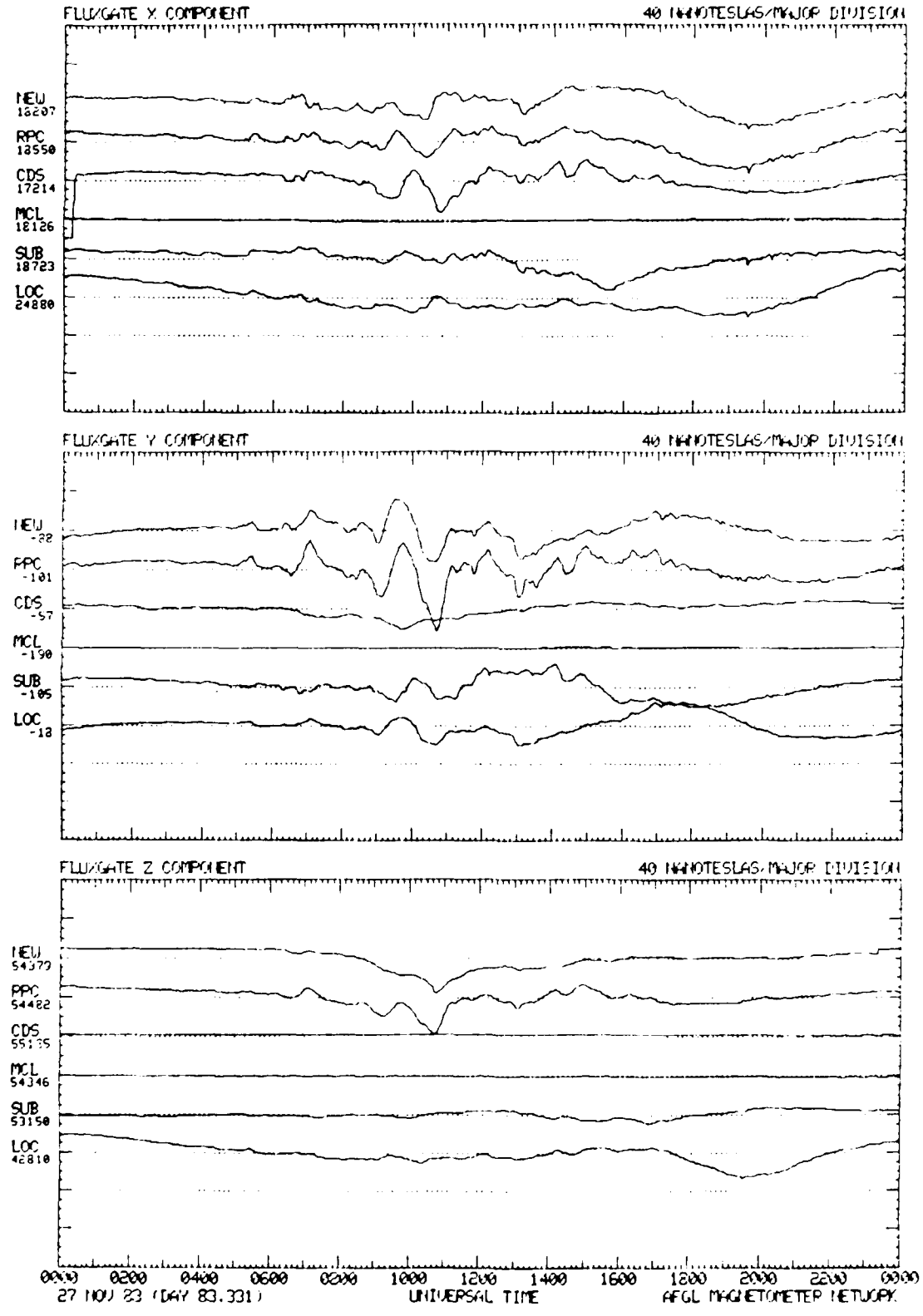

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18210
PPC
18547
CDS
17220
MCL
18127
SUB
18724
LOC
24886
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-91
PPC
-52
CDS
-53
MCL
-190
SUB
-101
LOC
-17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54345
PPC
54432
CDS
55135
MCL
54346
SUB
53152
LOC
42811
0000
0400
0800
1200
1600
22 NOV 83 (DAY 23.326)
UNIVERSAL TIME

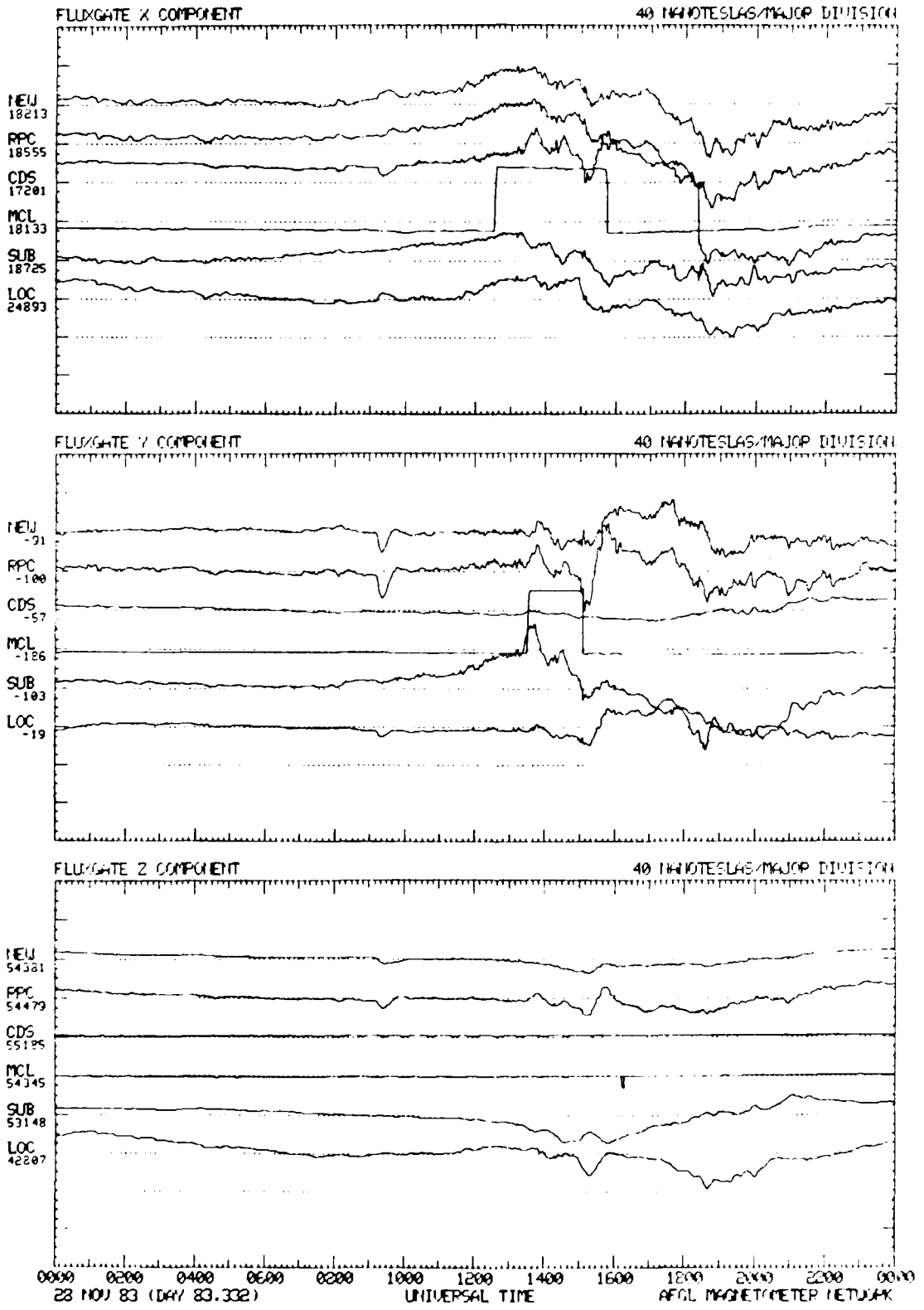

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEU
18614
PPC
13549
CDS
17220
MCL
18164
SUB
18731
LOC
24891
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
23 NOV 83 (DAY 83.327)
UNIVERSAL TIME
AFGL MAGNETOMETER RESULTS

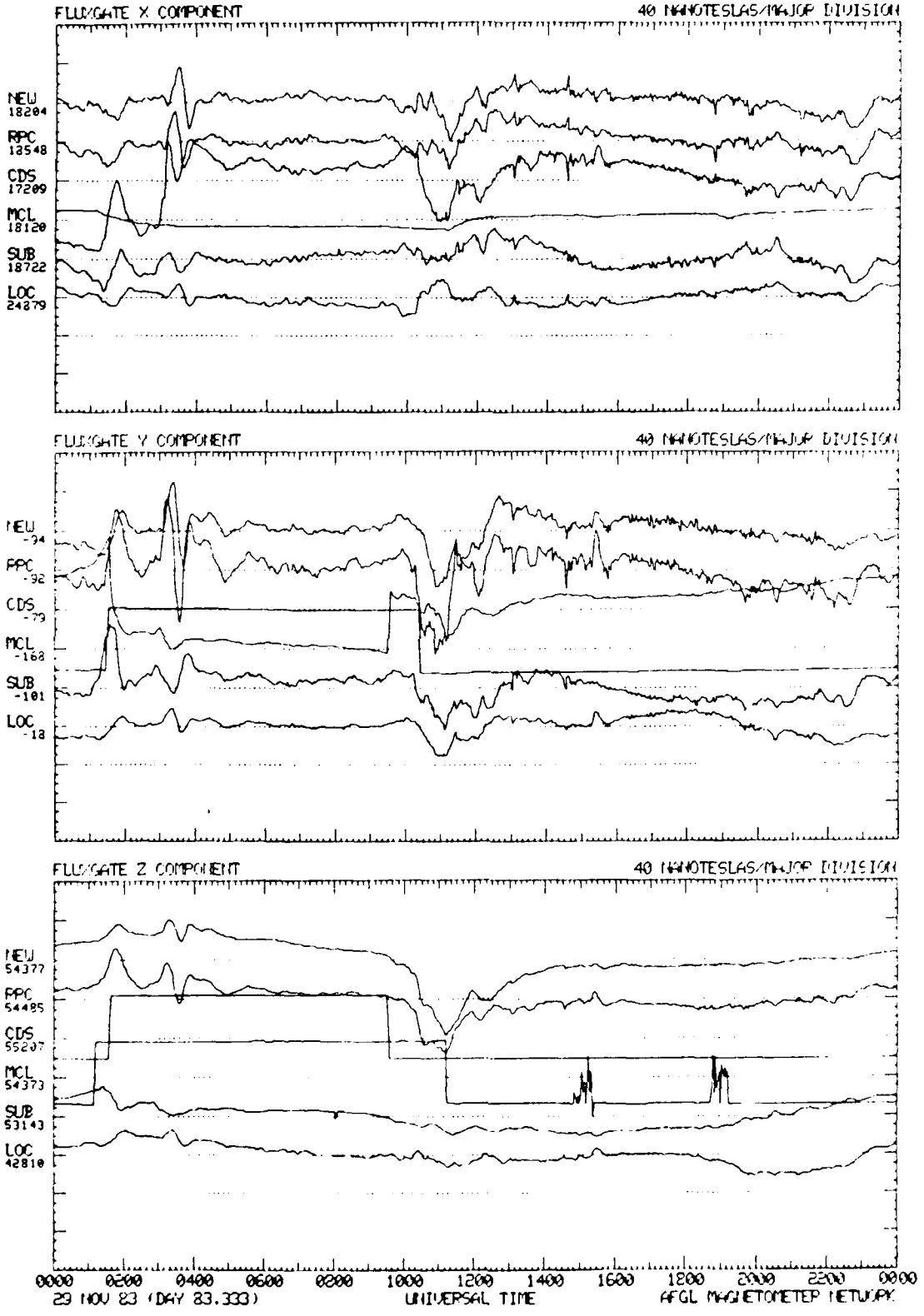

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18015
PPC
18549
CDS
17217
MCL
18176
SUB
18732
LOC
24905
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-91
PPC
-9
CDS
-60
MCL
-130
SUB
-100
LOC
-18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54350
SUB
53147
LOC
42813
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 NOV 83 (DAY 83.328)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

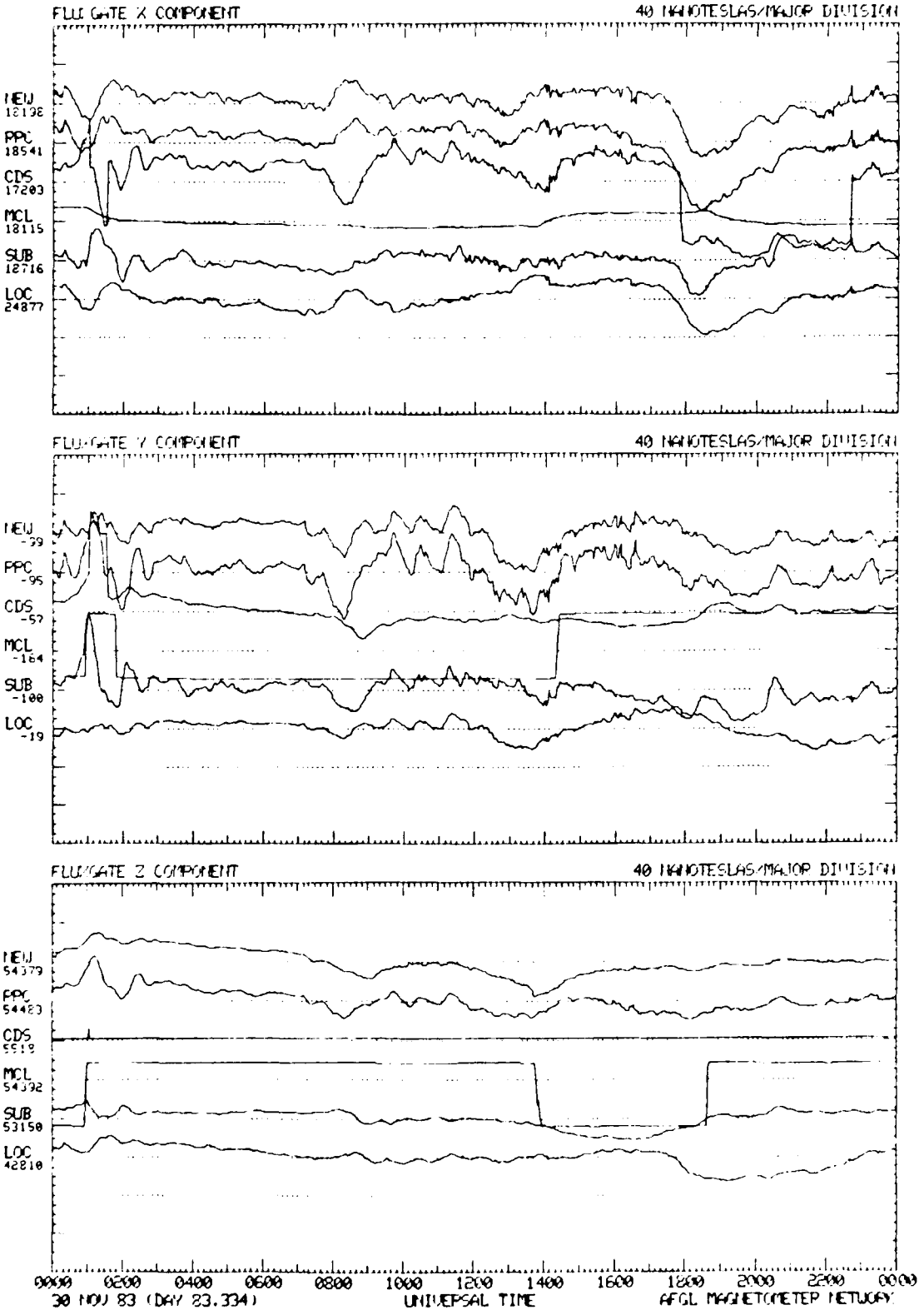

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18204
PPC
18537
CDS
17219
MCL
18125
SUB
18730
LOC
24884
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-89
PPC
-59
CDS
-59
MCL
-189
SUB
-98
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54384
PPC
54487
CDS
55135
MCL
54347
SUB
53145
LOC
42811
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
2400
25 NOV 83 (DAY 83.329)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

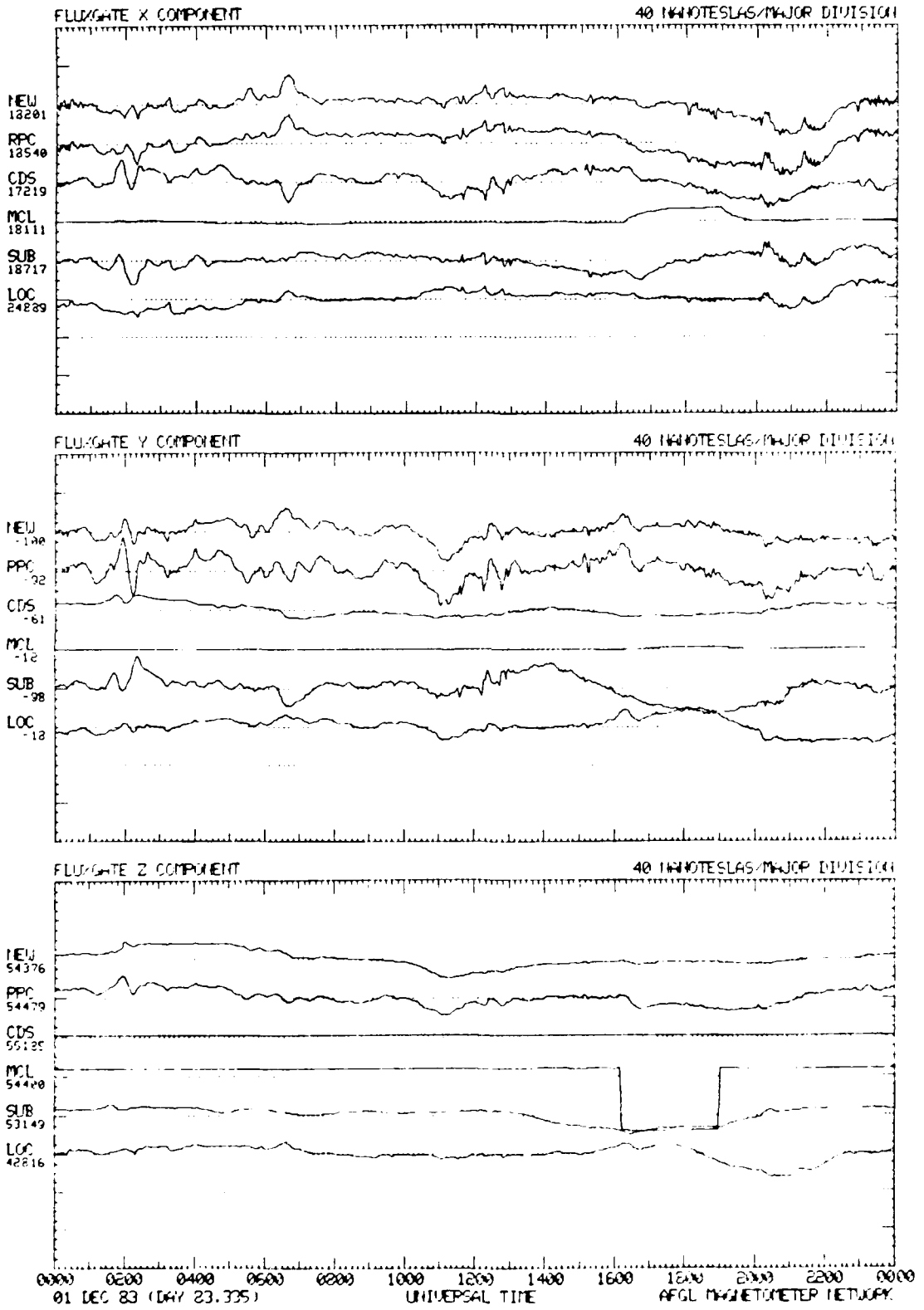

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13135
PPC
18538
CDS
17200
MCL
18121
SUB
18714
LOC
24870
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
CDS
-51
MCL
-172
SUB
-100
LOC
-14
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54388
PPC
54493
CDS
55195
MCL
54362
SUB
53146
LOC
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 NOV 83 (DAY 83.330)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

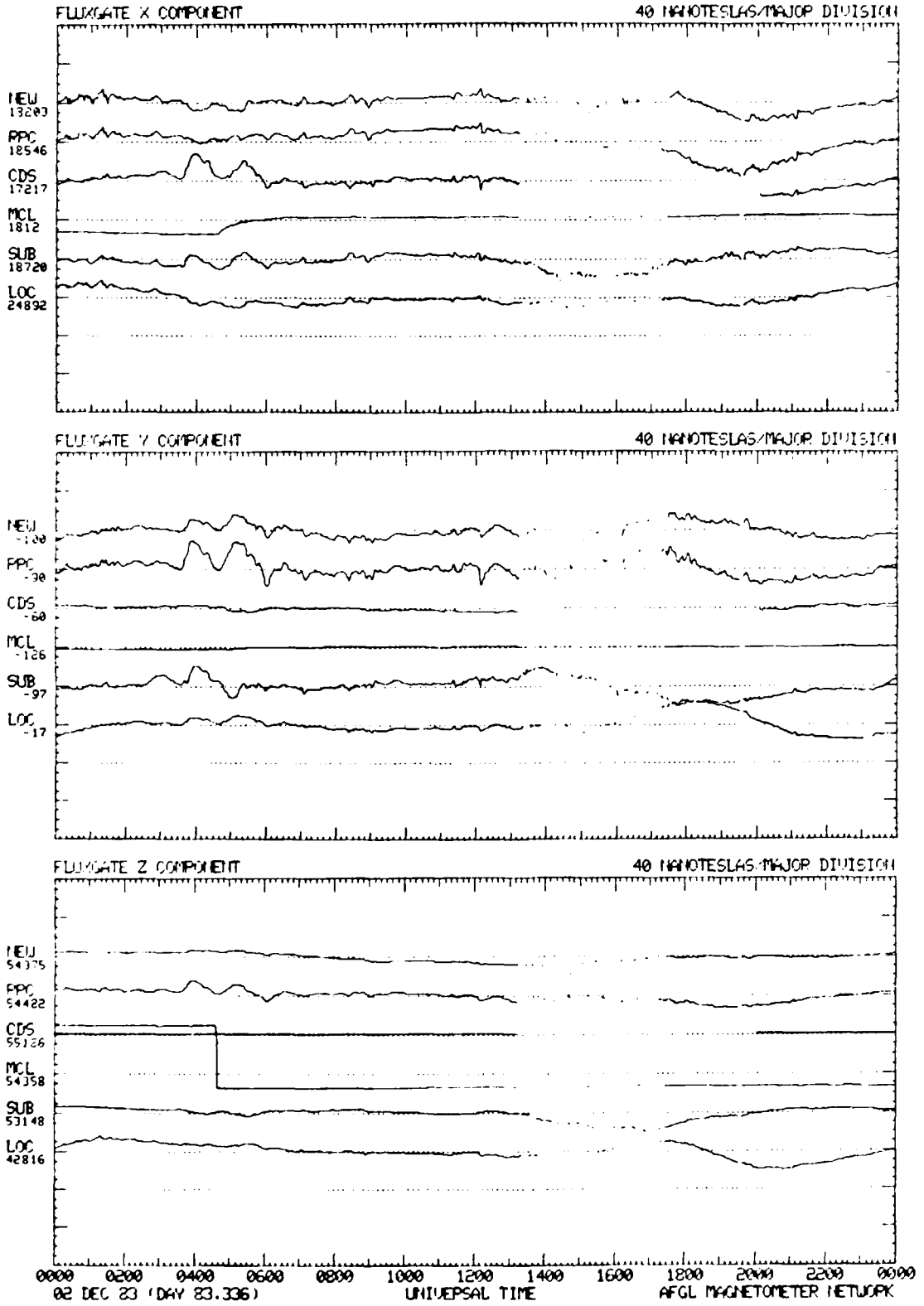

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18207
RPC
18550
CDS
17214
MCL
18126
SUB
18723
LOC
24880
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-22
RPC
-101
CDS
-57
MCL
-190
SUB
-105
LOC
-18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54379
RPC
54482
CDS
55135
MCL
54346
SUB
53150
LOC
42810
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 NOV 83 (DAY 83.331)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

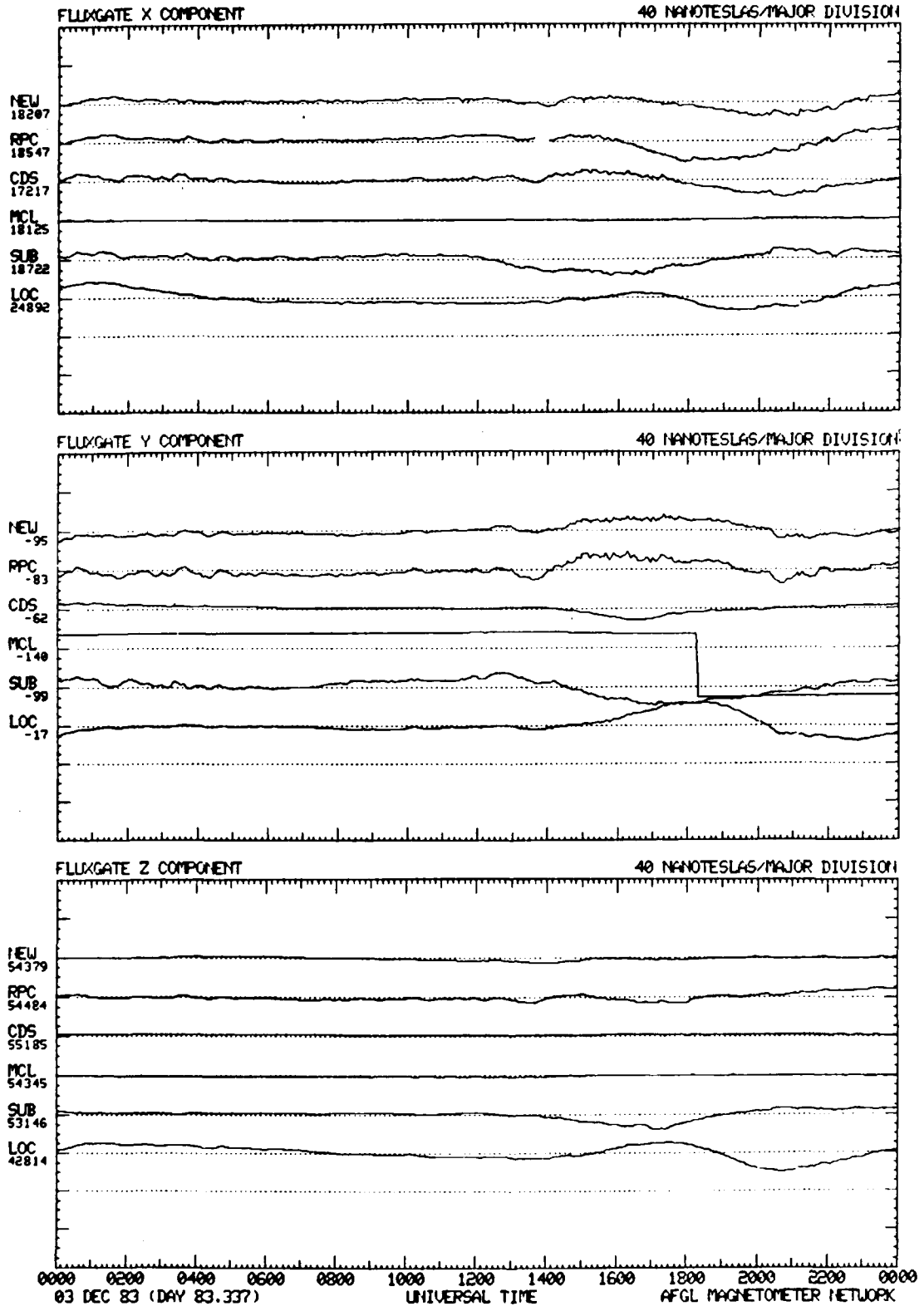

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18213
RPC 18555
CDS 17201
MCL 18133
SUB 18725
LOC 24893
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -91
RPC -100
CDS -57
MCL -186
SUB -103
LOC -19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54381
RPC 54479
CDS 55195
MCL 54345
SUB 53148
LOC 42207
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 NOV 83 (DAY 83.332)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

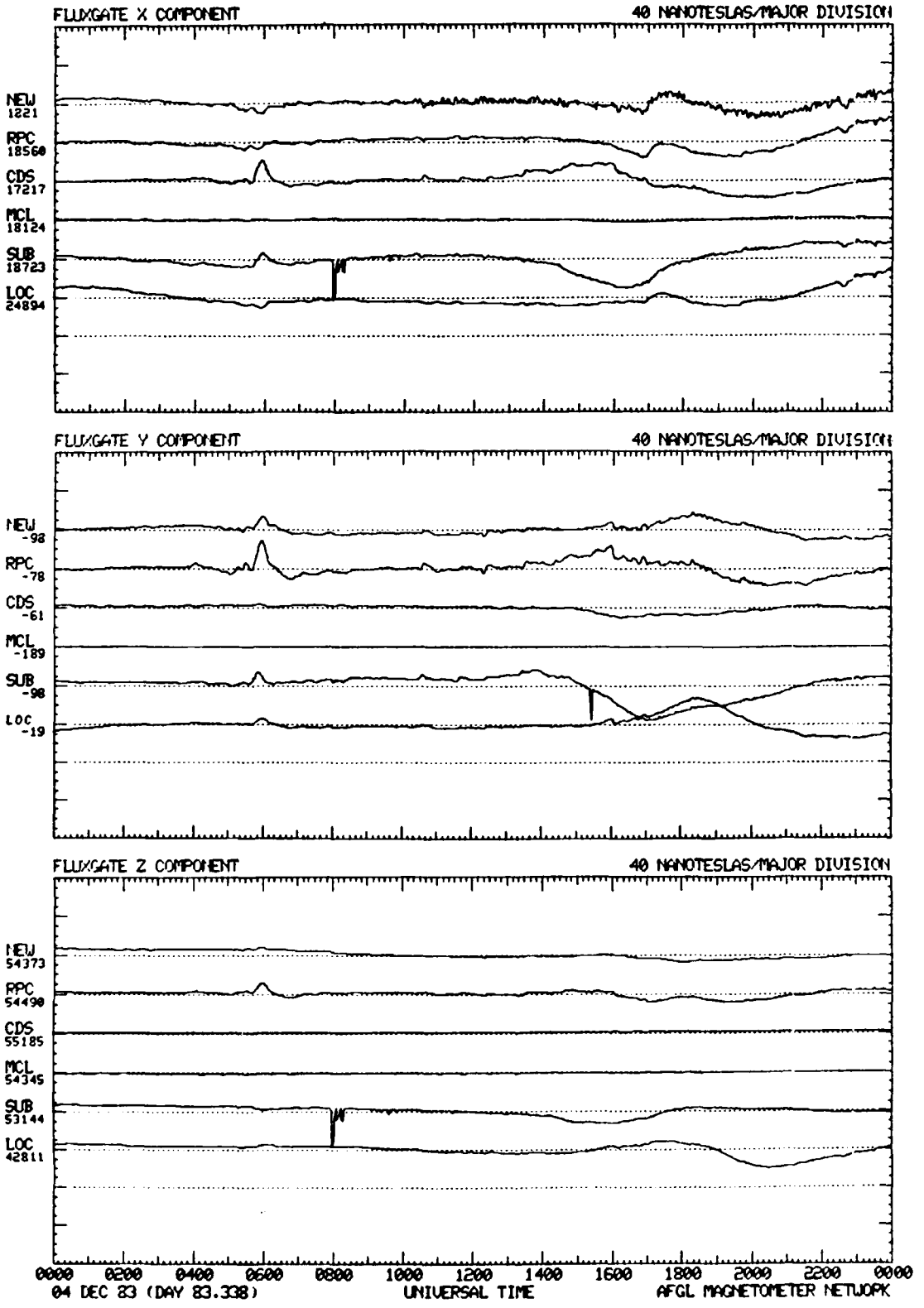

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18204
RPC
13548
CDS
17209
MCL
18120
SUB
18722
LOC
24879
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-94
RPC
-92
CDS
-79
MCL
-168
SUB
-101
LOC
-18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54377
RPC
54485
CDS
55207
MCL
54373
SUB
53143
LOC
42810
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
29 NOV 83 (DAY 83.333)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

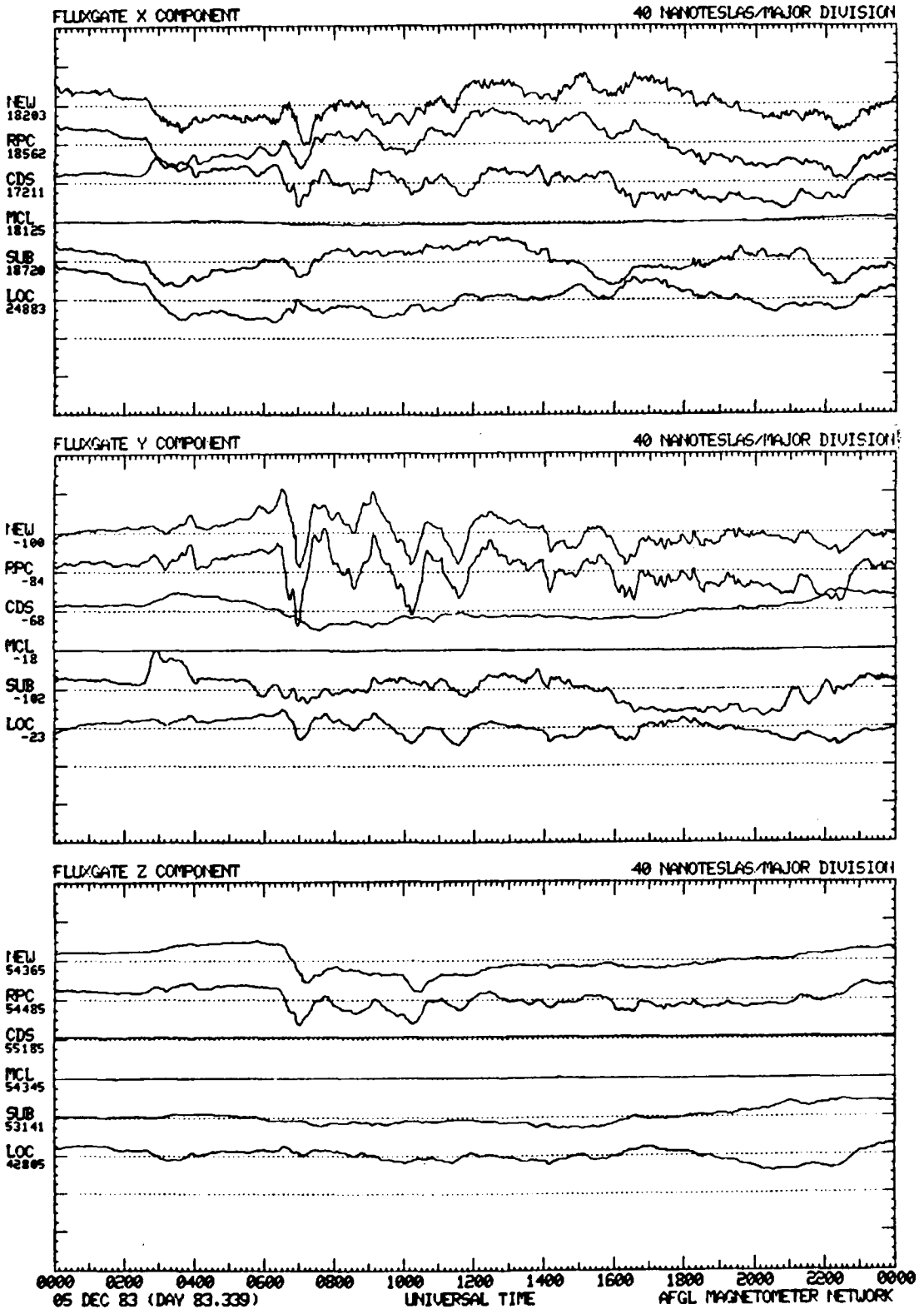

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12198
PPC
18541
CDS
17203
MCL
18115
SUB
12716
LOC
24877
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-99
PPC
-95
CDS
-57
MCL
-184
SUB
-100
LOC
-19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54379
PPC
54483
CDS
55119
MCL
54392
SUB
53150
LOC
42810
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 NOV 83 (DAY 23.334)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

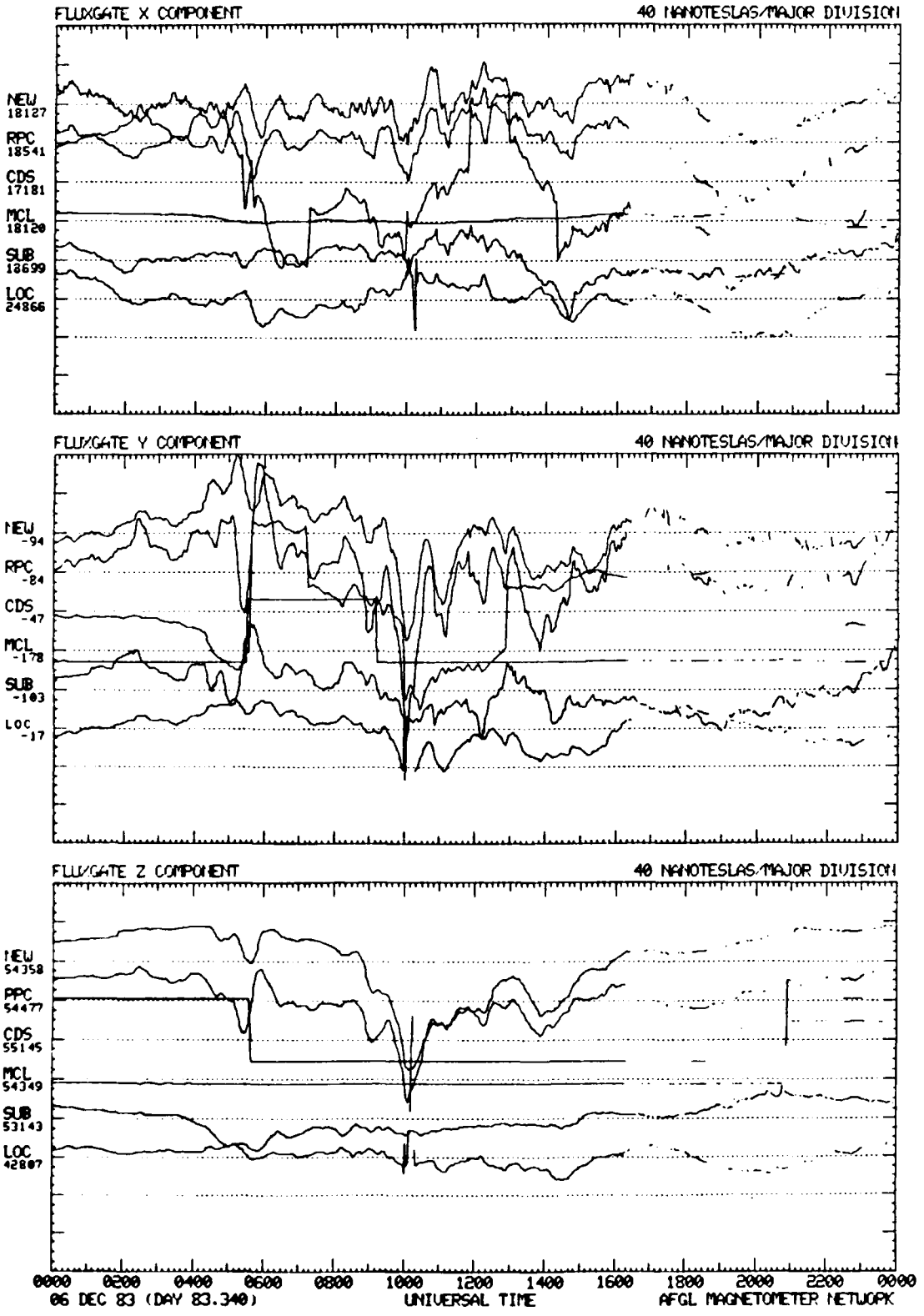

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13201
RPC
13540
CDS
17219
MCL
18111
SUB
18717
LOC
24889
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-100
PPC
-92
CDS
-61
MCL
-12
SUB
-98
LOC
-18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54376
PPC
54479
CDS
55135
MCL
54420
SUB
53149
LOC
42816
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 DEC 83 (DAY 23.335)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

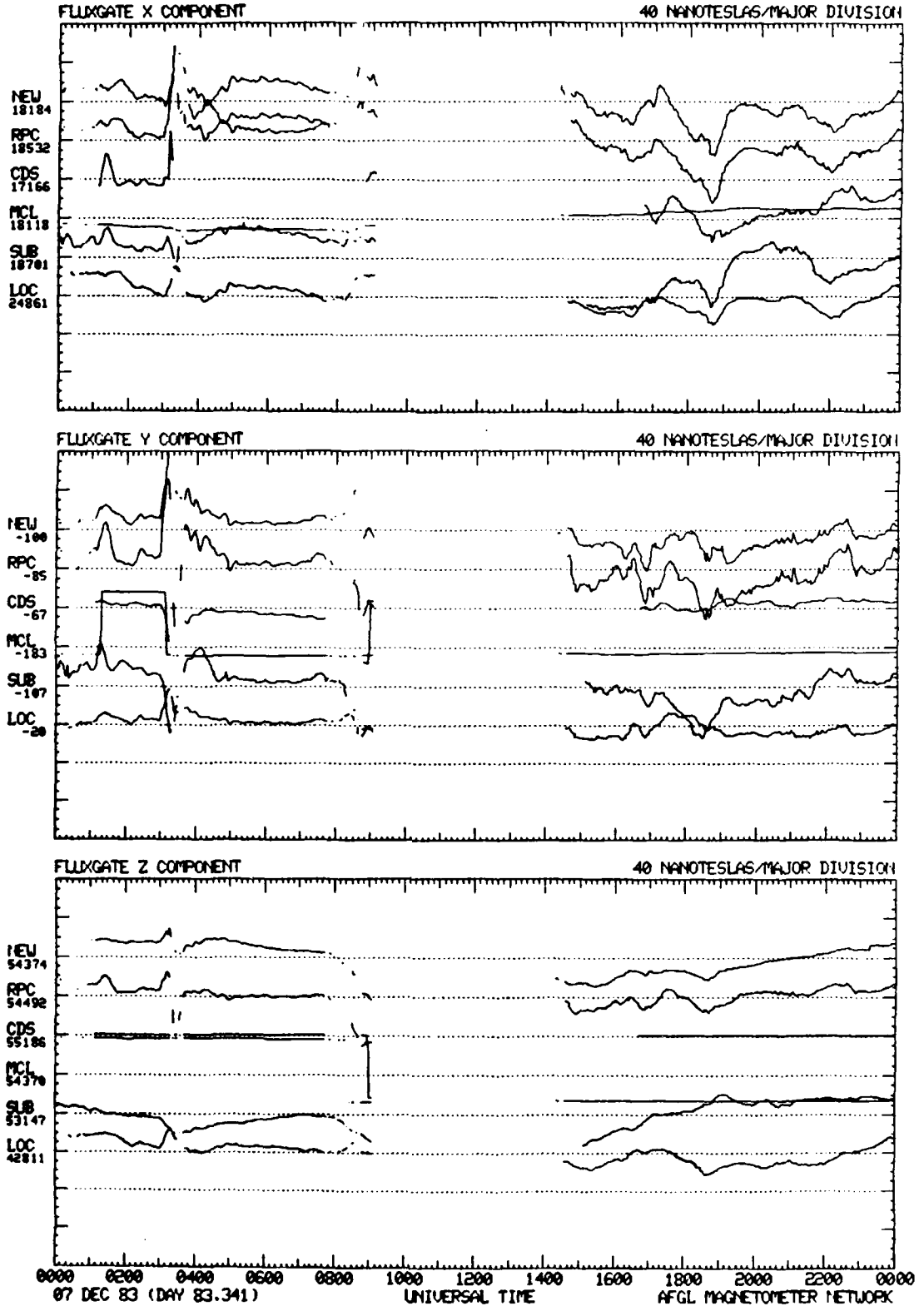

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13203
PPC
18546
CDS
17217
MCL
1812
SUB
18720
LOC
24892
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-120
PPC
-30
CDS
-60
MCL
-126
SUB
-97
LOC
-17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54375
PPC
54422
CDS
55136
MCL
54358
SUB
53148
LOC
42816
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 DEC 83 (DAY 83.336)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

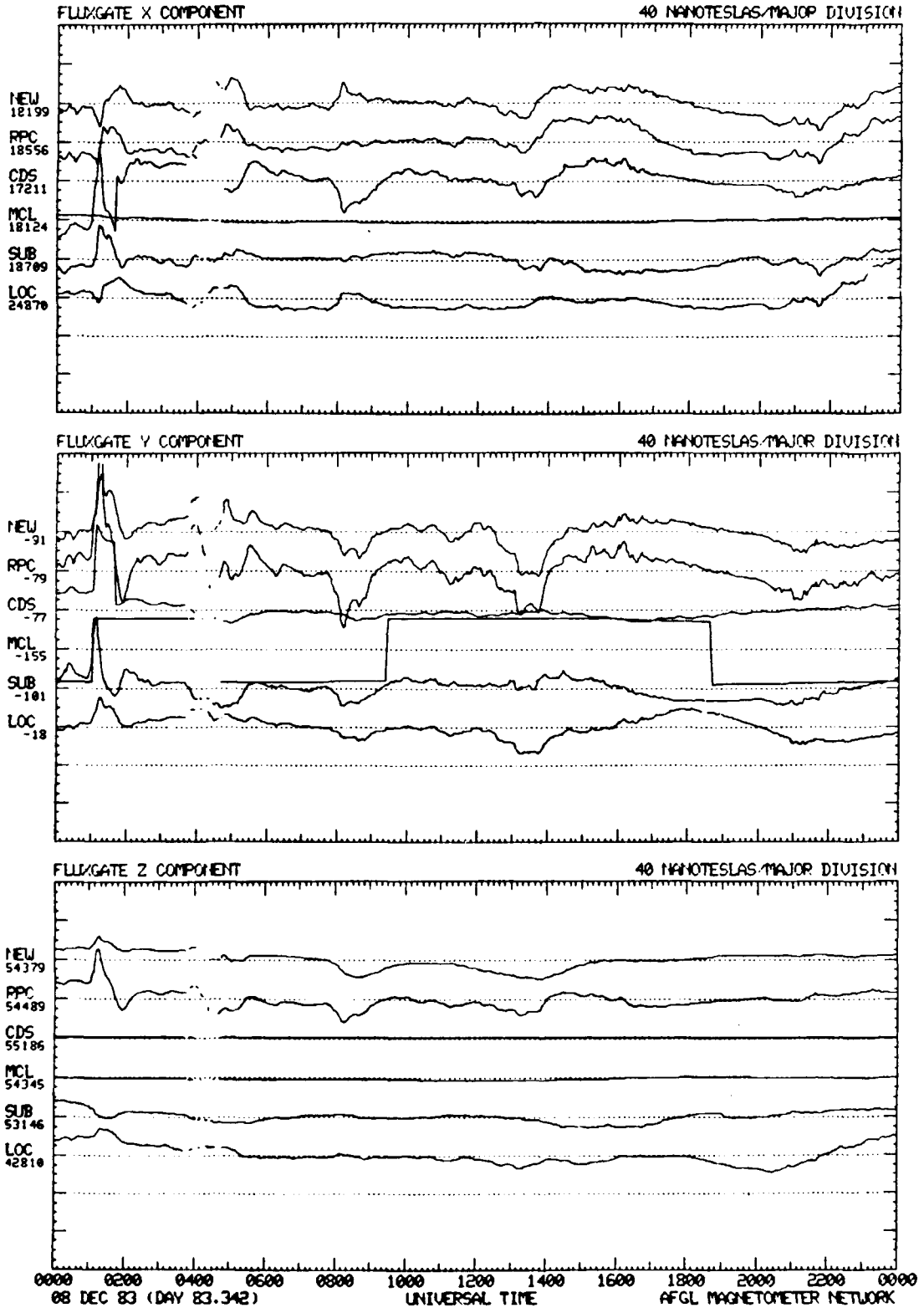

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18207
RPC
18547
CDS
17217
MCL
18125
SUB
18722
LOC
24892
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-95
RPC
-83
CDS
-62
MCL
-140
SUB
-99
LOC
-17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54379
RPC
54484
CDS
55185
MCL
54345
SUB
53146
LOC
42814
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 DEC 83 (DAY 83.337)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

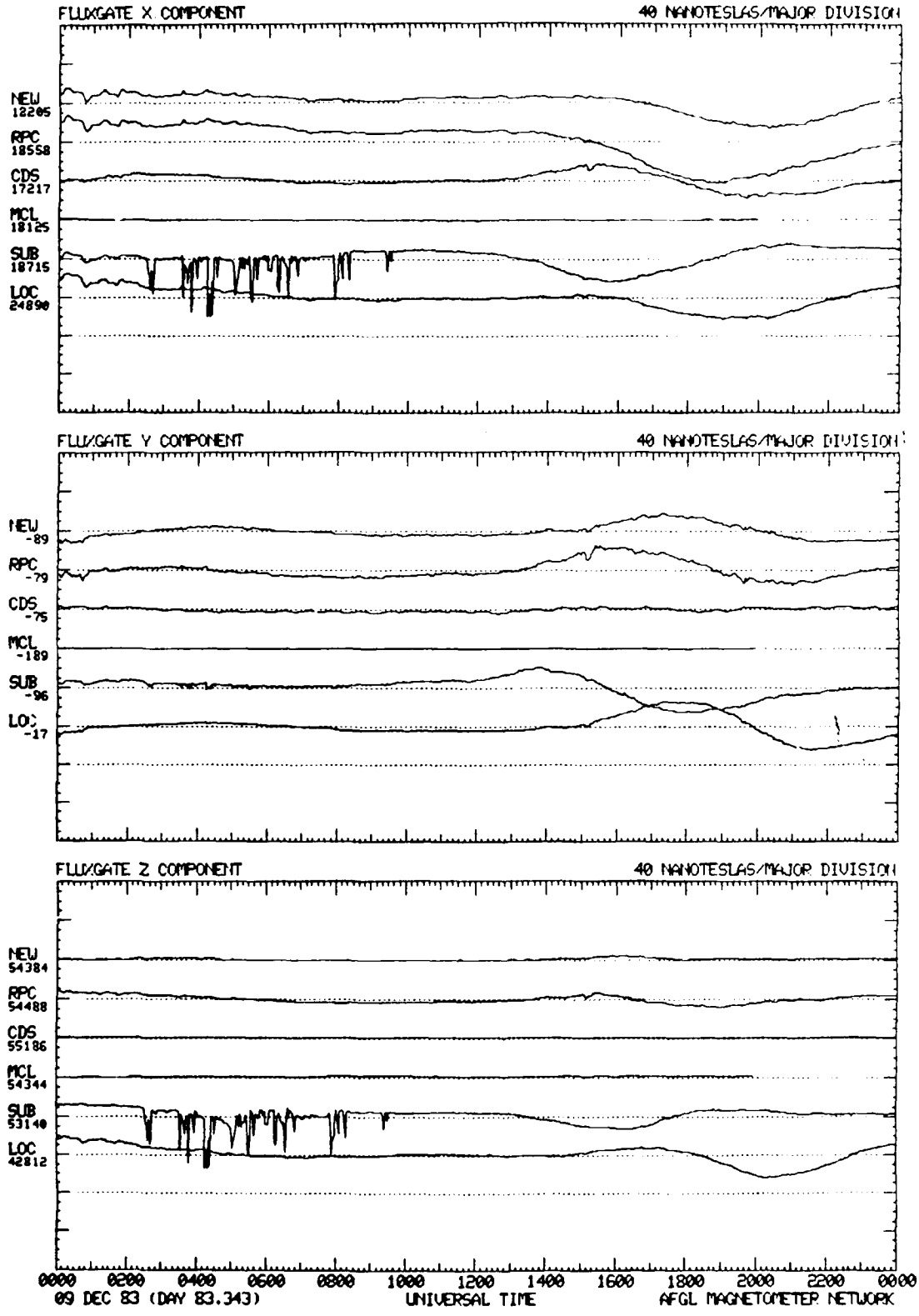

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1221
RPC
18560
CDS
17217
MCL
18124
SUB
18723
LOC
24894
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-98
RPC
-78
CDS
-61
MCL
-189
SUB
-98
LOC
-19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54373
RPC
54490
CDS
55185
MCL
54345
SUB
53144
LOC
42811
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 DEC 83 (DAY 83.338)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

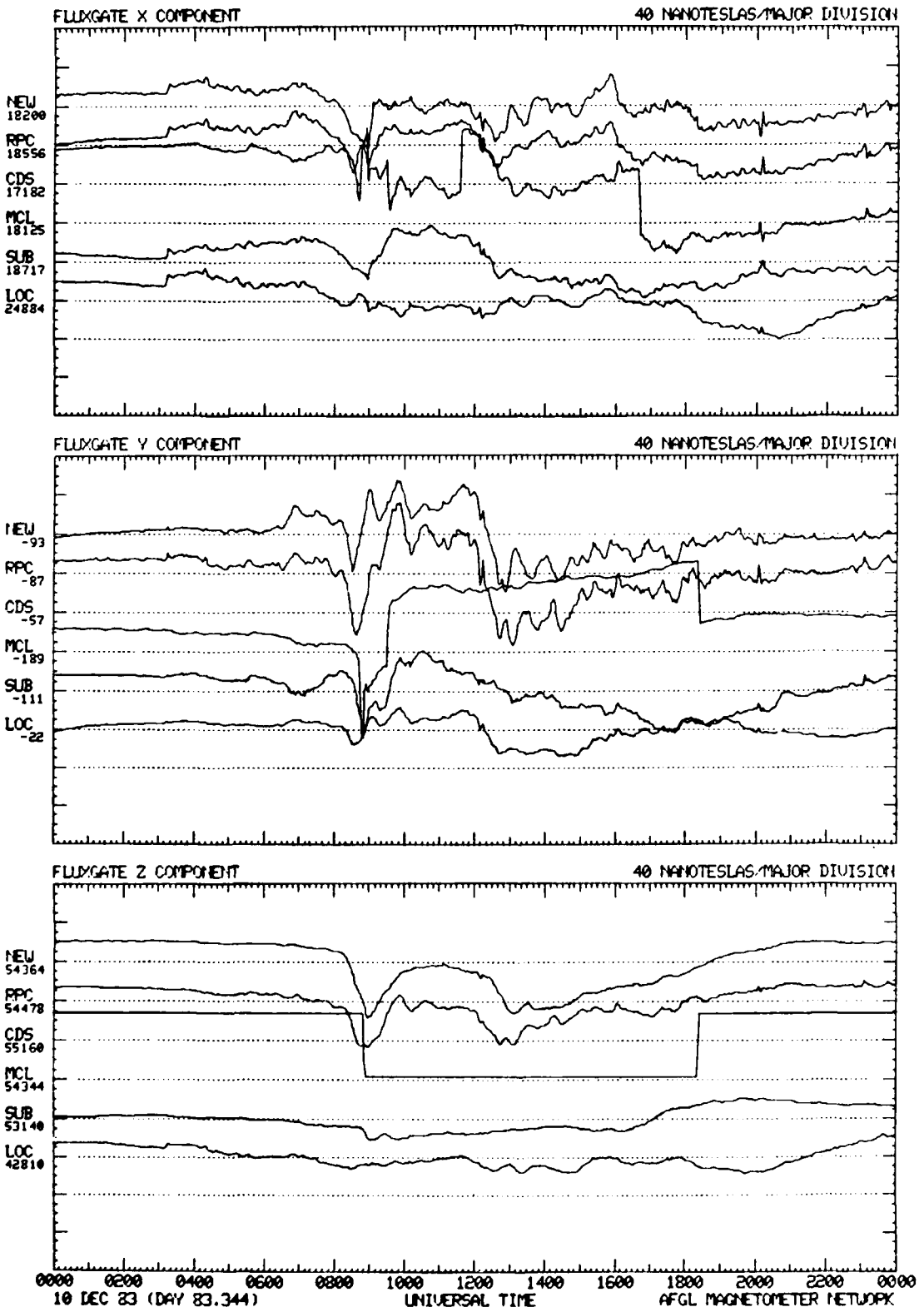

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18203
RPC
18562
CDS
17211
MCL
18125
SUB
18720
LOC
24883
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-100
RPC
-84
CDS
-68
MCL
-18
SUB
-102
LOC
-23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54365
RPC
54485
CDS
55185
MCL
54345
SUB
53141
LOC
42805
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 DEC 83 (DAY 83.339)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

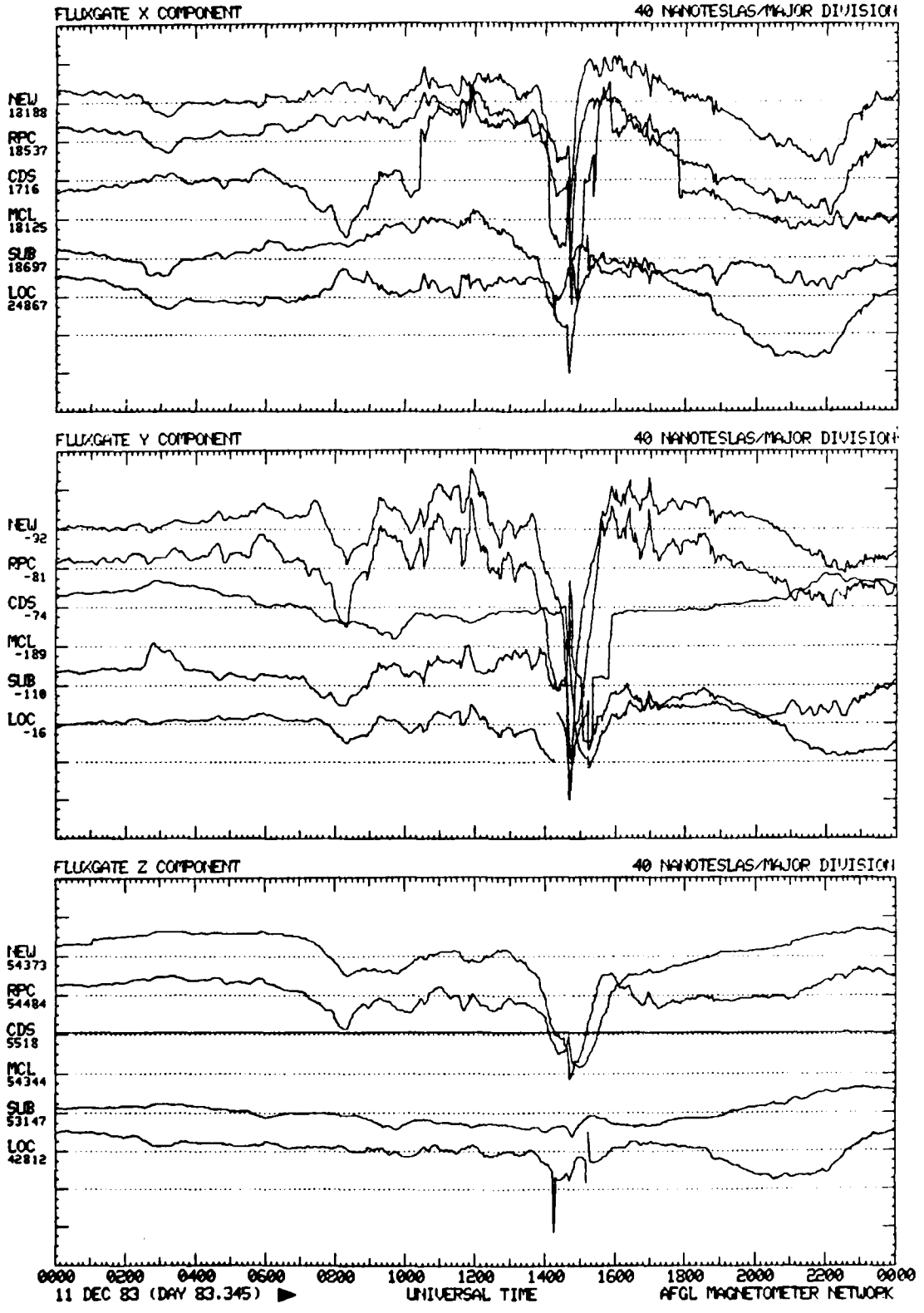

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18127
RPC 18541
CDS 17181
MCL 18120
SUB 18699
LOC 24866
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -94
RPC -84
CDS -47
MCL -178
SUB -103
LOC -17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54358
RPC 54477
CDS 55145
MCL 54349
SUB 53143
LOC 42807
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 DEC 83 (DAY 83.340)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

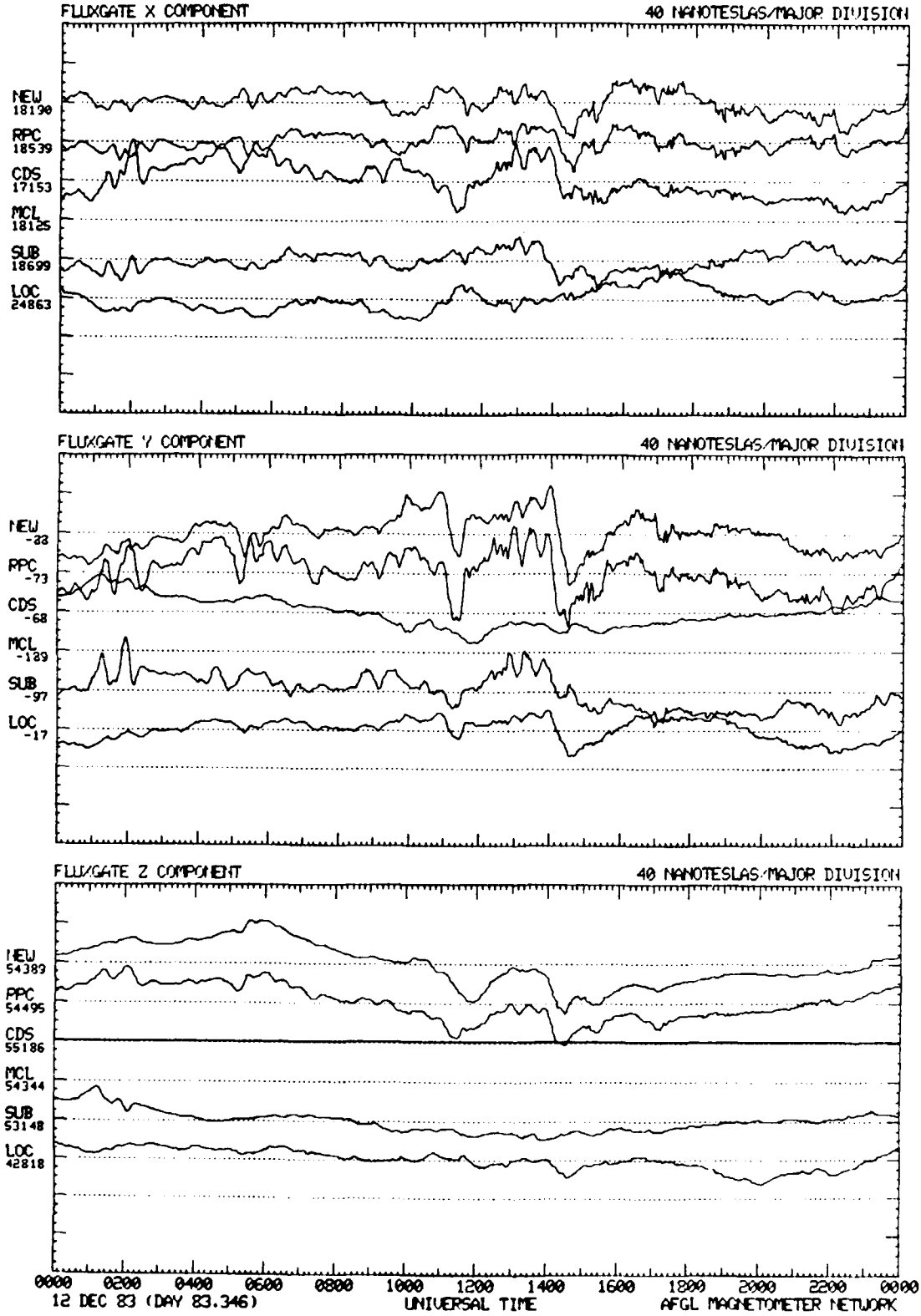

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18184
RPC 18532
CDS 17166
MCL 18118
SUB 18701
LOC 24861
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -100
RPC -85
CDS -67
MCL -183
SUB -107
LOC -20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54374
RPC 54492
CDS 55186
MCL 54370
SUB 53147
LOC 42811
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 DEC 83 (DAY 83.341)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

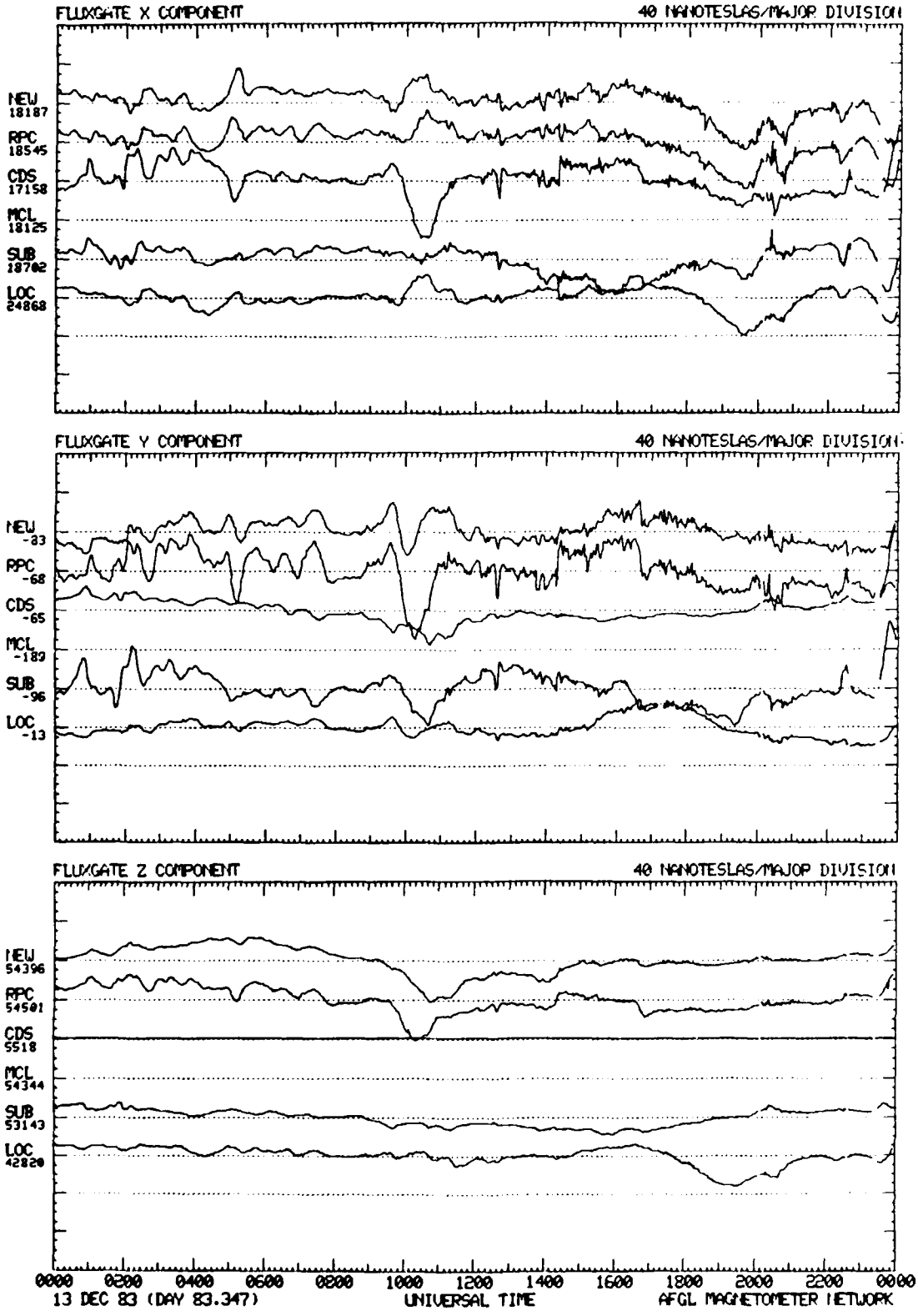

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12199
RPC
18556
CDS
17211
MCL
18124
SUB
18709
LOC
24870
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-91
RPC
-79
CDS
-77
MCL
-155
SUB
-101
LOC
-18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54379
RPC
54489
CDS
55186
MCL
54345
SUB
53146
LOC
42810
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 DEC 83 (DAY 83.342)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

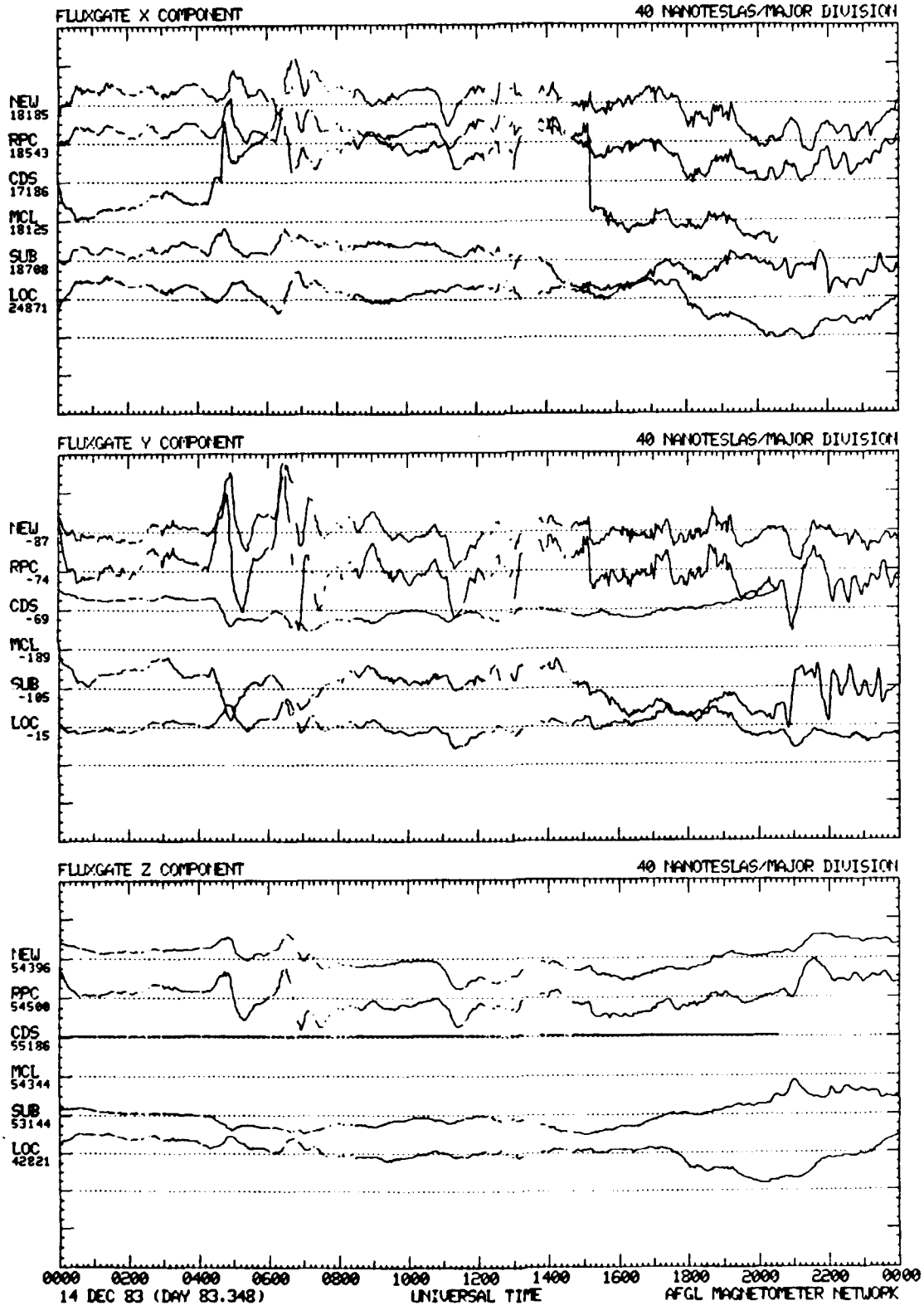

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12205
RPC
18558
CDS
17217
MCL
18125
SUB
18715
LOC
24890
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-89
RPC
-79
CDS
-75
MCL
-189
SUB
-96
LOC
-17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54384
RPC
54488
CDS
55186
MCL
54344
SUB
53140
LOC
42812
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 DEC 83 (DAY 83.343)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

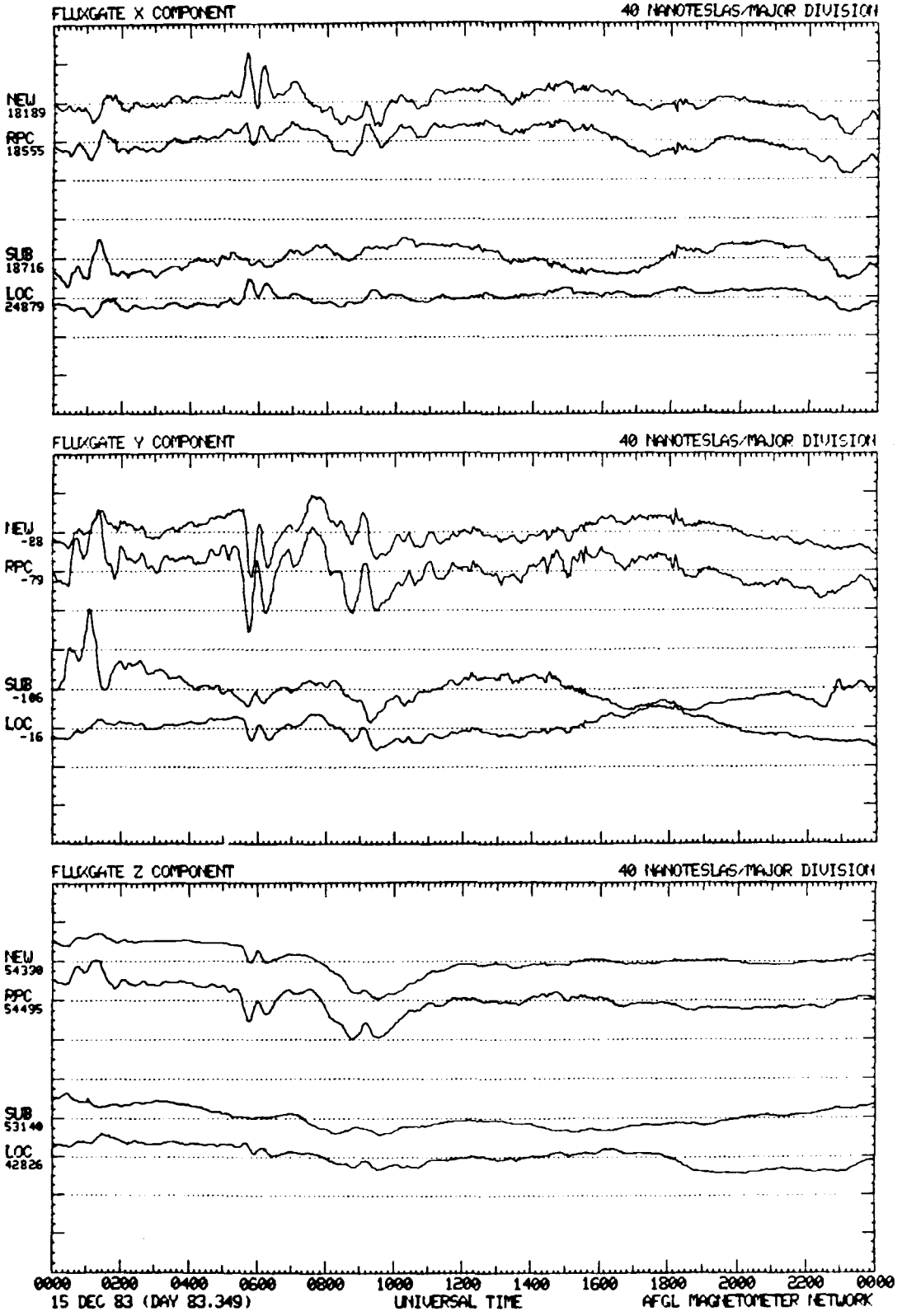

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18200
RPC
18556
CDS
17182
MCL
18125
SUB
18717
LOC
24884
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-93
RPC
-87
CDS
-57
MCL
-189
SUB
-111
LOC
-22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54364
RPC
54478
CDS
55160
MCL
54344
SUB
53140
LOC
42810
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 DEC 83 (DAY 83.344)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

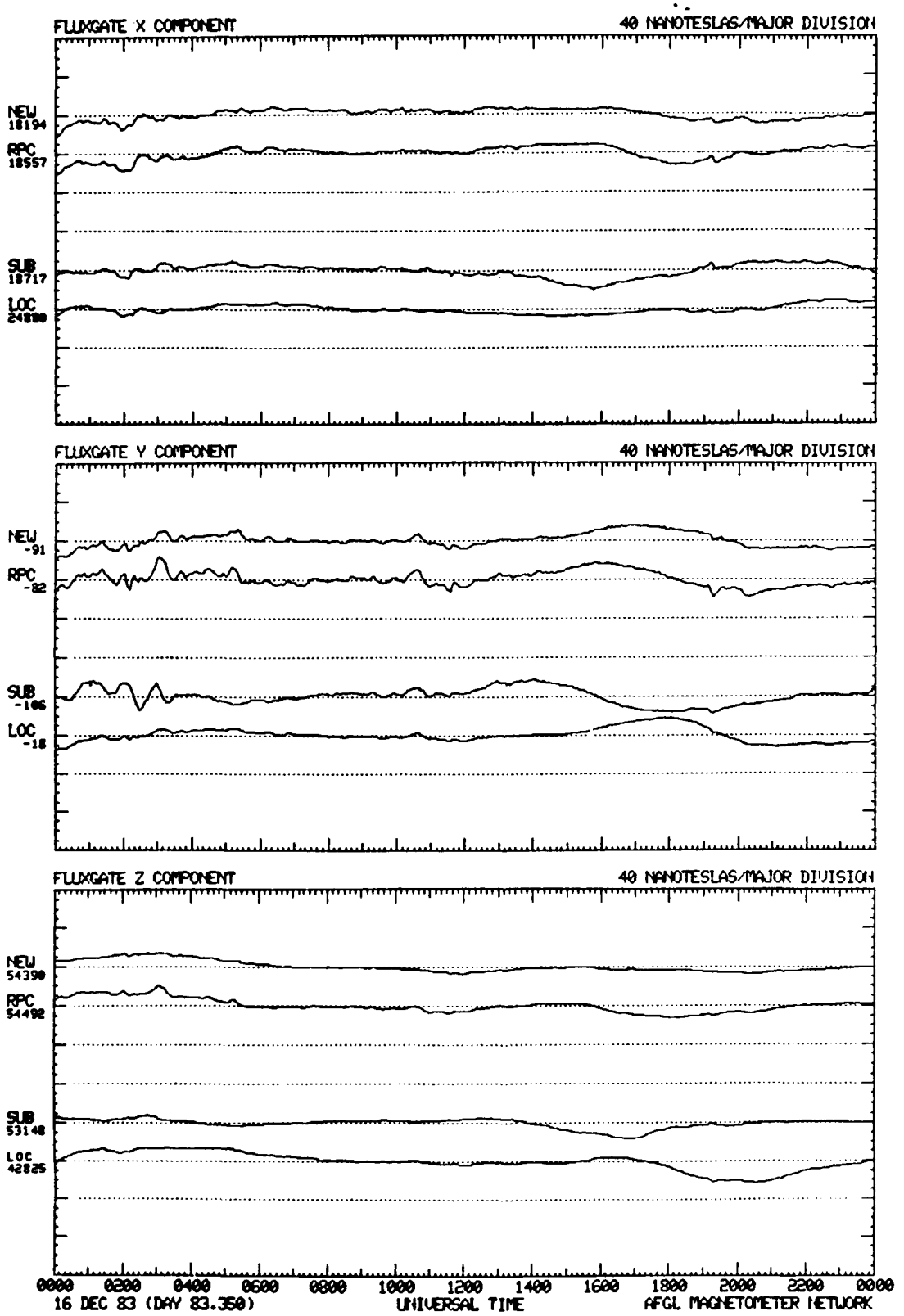

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18188
RPC
18537
CDS
1716
MCL
18125
SUB
18697
LOC
24867
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-92
RPC
-81
CDS
-74
MCL
-189
SUB
-110
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54373
RPC
54484
CDS
5518
MCL
54344
SUB
53147
LOC
42812
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 DEC 83 (DAY 83.345)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

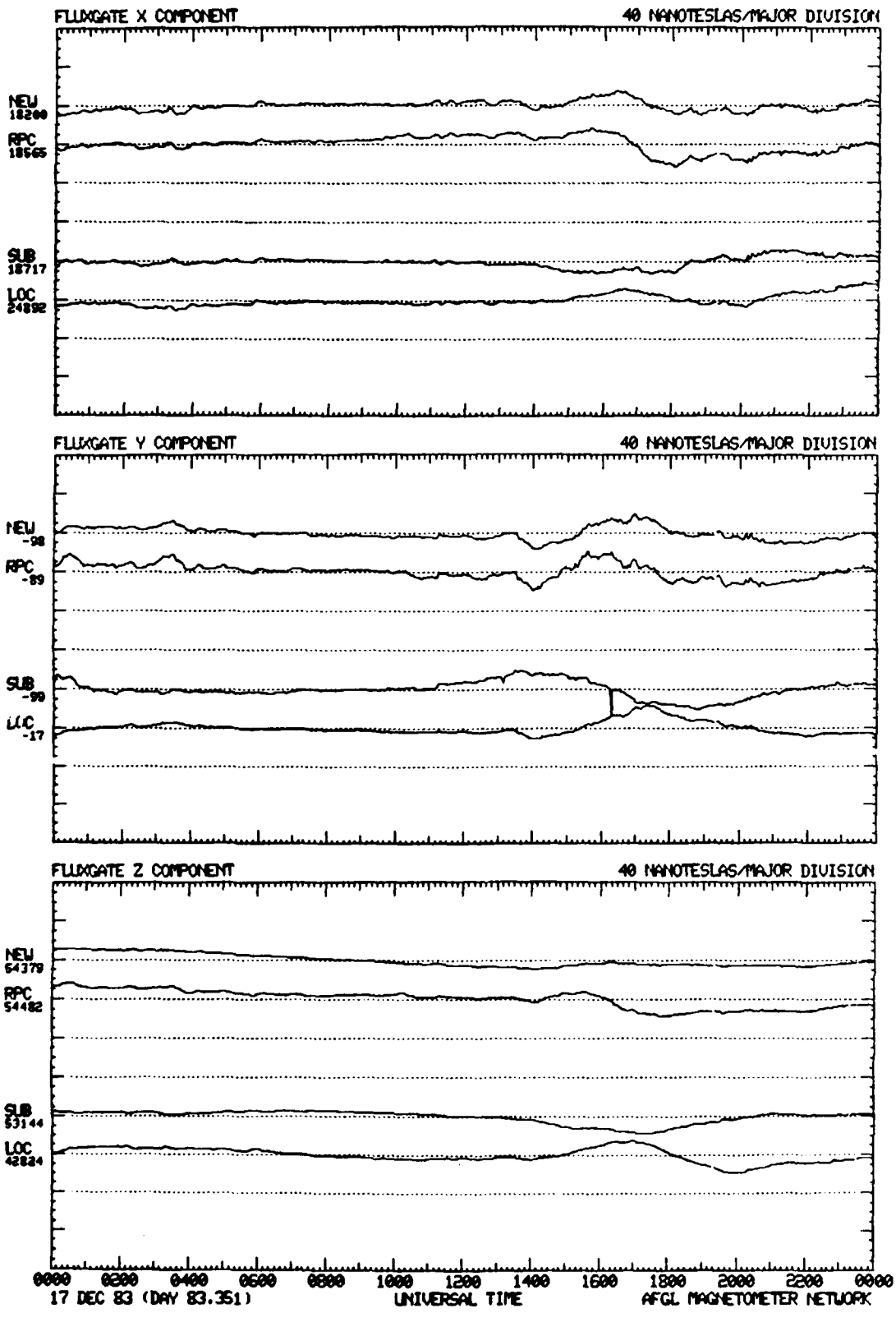

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18190
RPC
18539
CDS
17153
MCL
18125
SUB
18699
LOC
24863
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-88
RPC
-73
CDS
-68
MCL
-189
SUB
-97
LOC
-17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54389
RPC
54495
CDS
55186
MCL
54344
SUB
53148
LOC
42818
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 DEC 83 (DAY 83.346)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

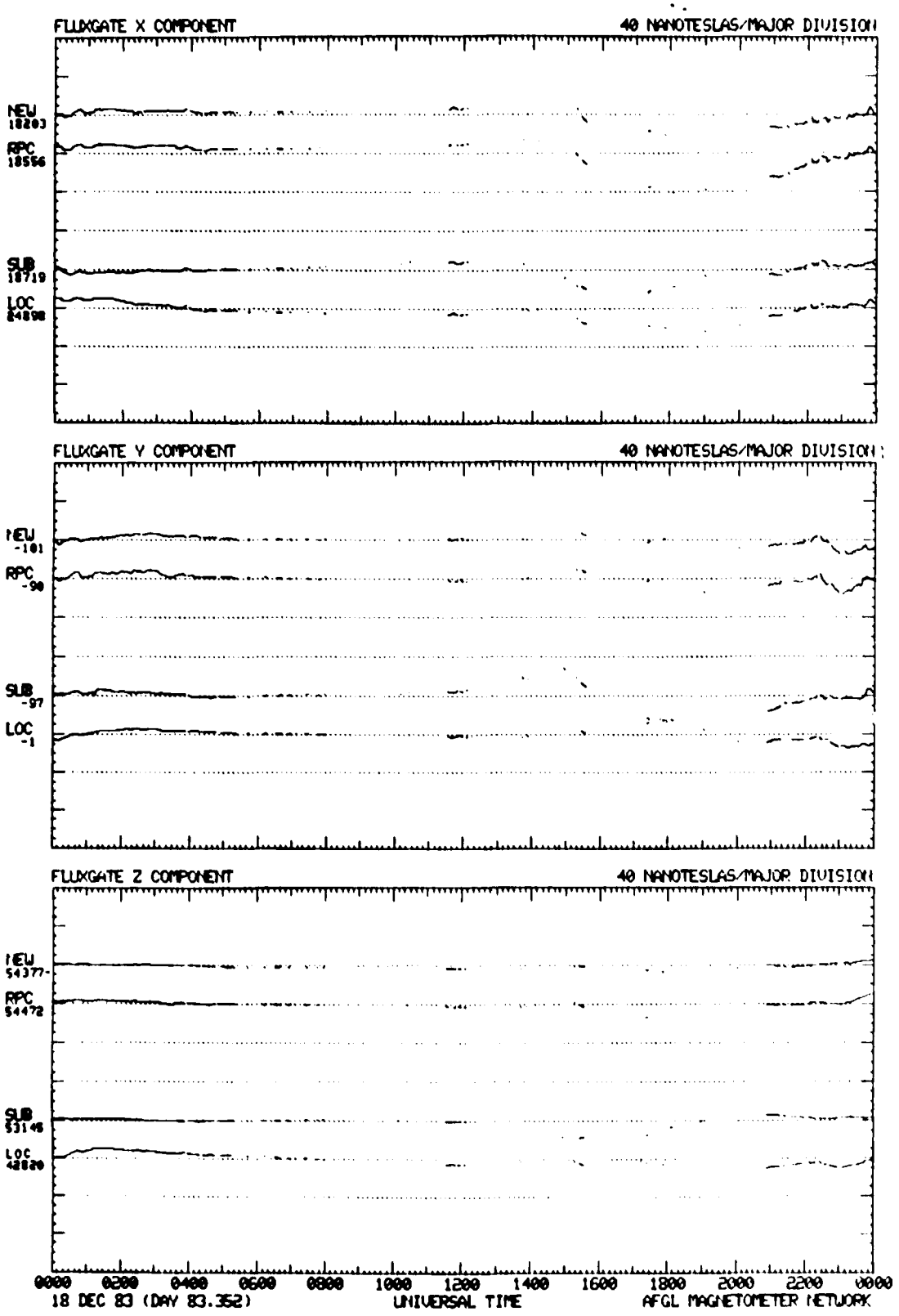

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18187
RPC 18545
CDS 17158
MCL 18125
SUB 18702
LOC 24868
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -83
RPC -68
CDS -65
MCL -189
SUB -96
LOC -13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54396
RPC 54501
CDS 55118
MCL 54344
SUB 53143
LOC 42820
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 DEC 83 (DAY 83.347)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

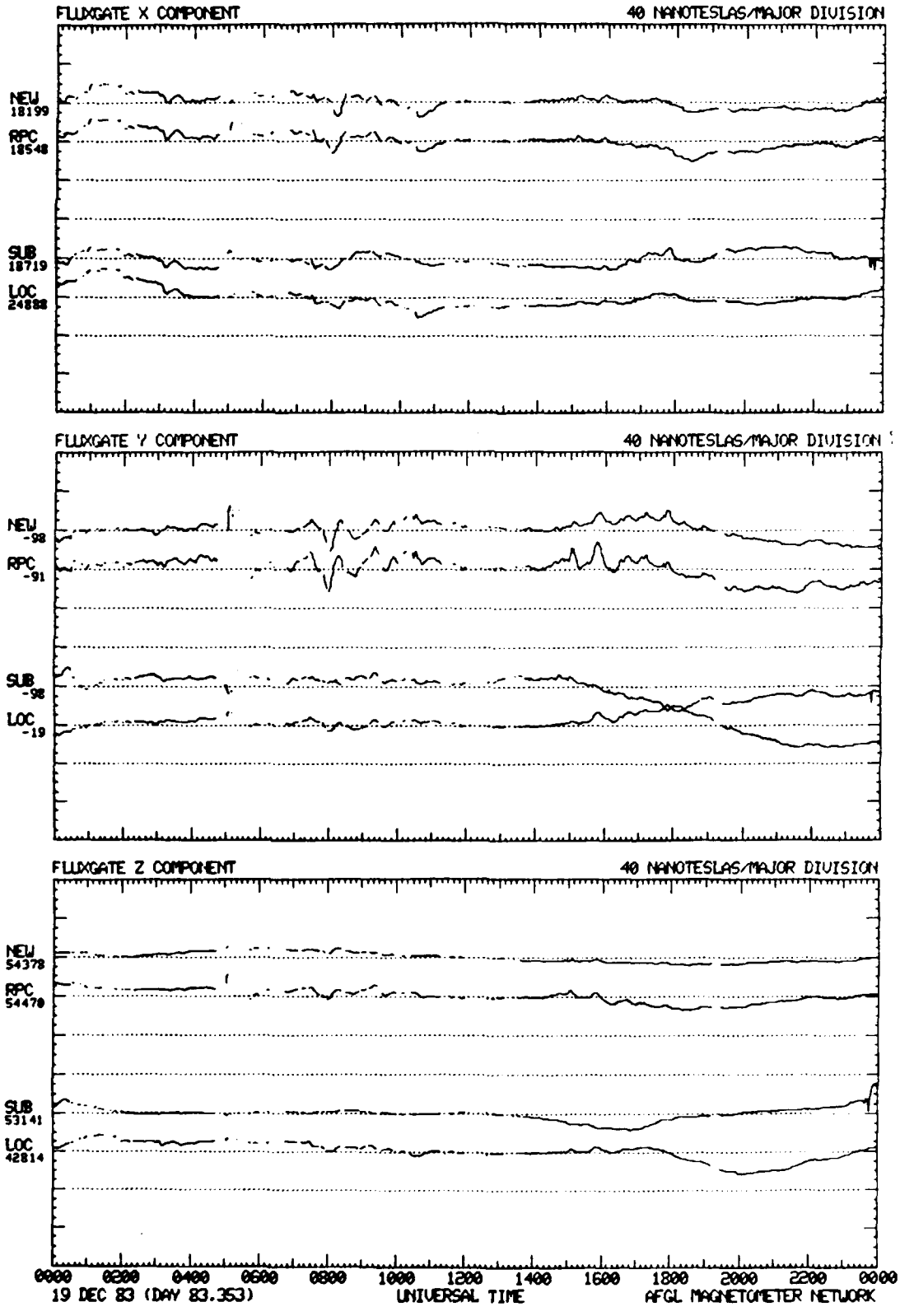

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18185
RPC
18543
CDS
17186
MCL
18125
SUB
18708
LOC
24871
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-87
RPC
-74
CDS
-69
MCL
-189
SUB
-105
LOC
-15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54396
RPC
54500
CDS
55186
MCL
54344
SUB
53144
LOC
42821
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 DEC 83 (DAY 83.348)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

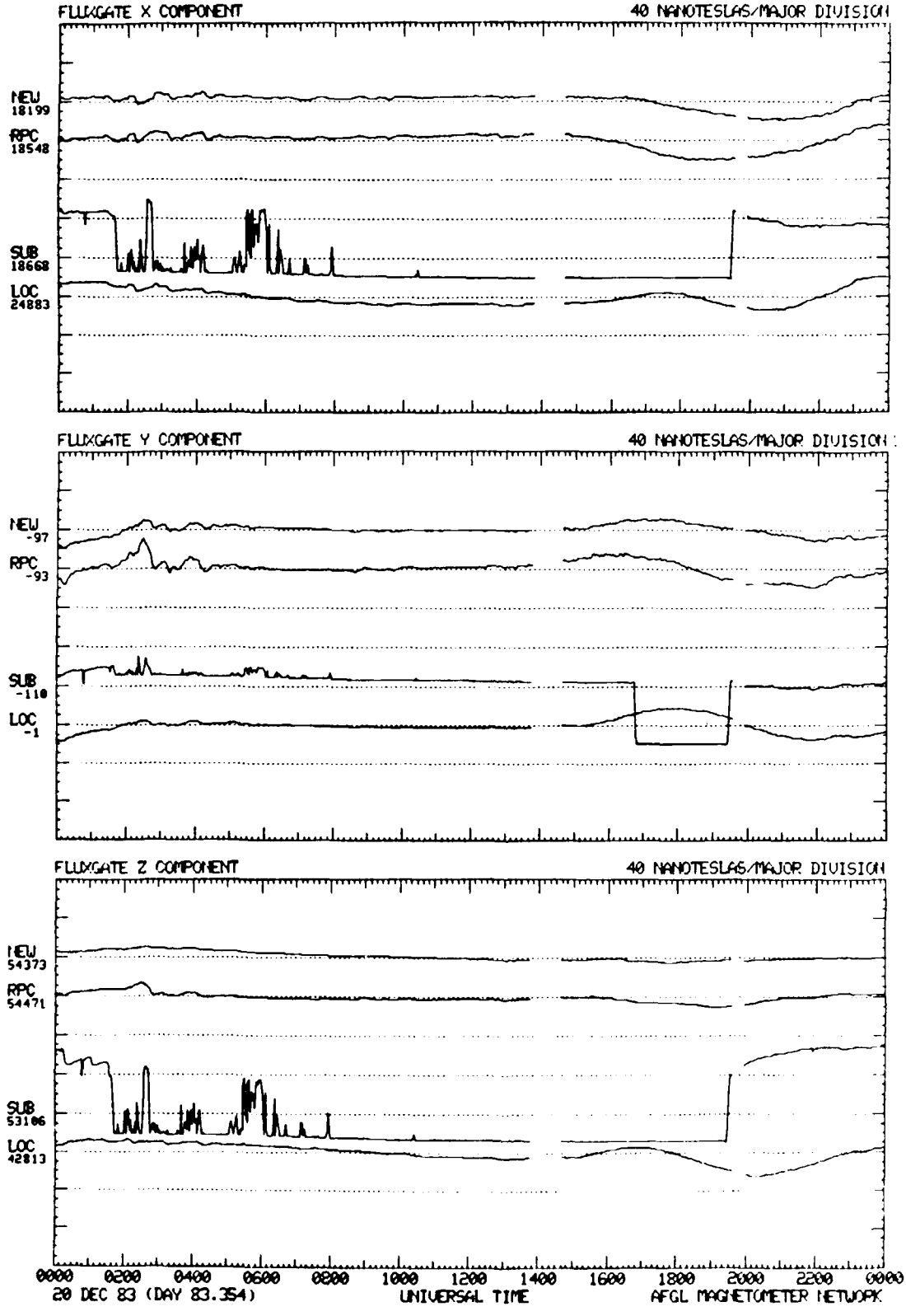

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18189
RPC
18555
SUB
18716
LOC
24879
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-88
RPC
-79
SUB
-106
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54390
RPC
54495
SUB
53140
LOC
42826
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 DEC 83 (DAY 83.349)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

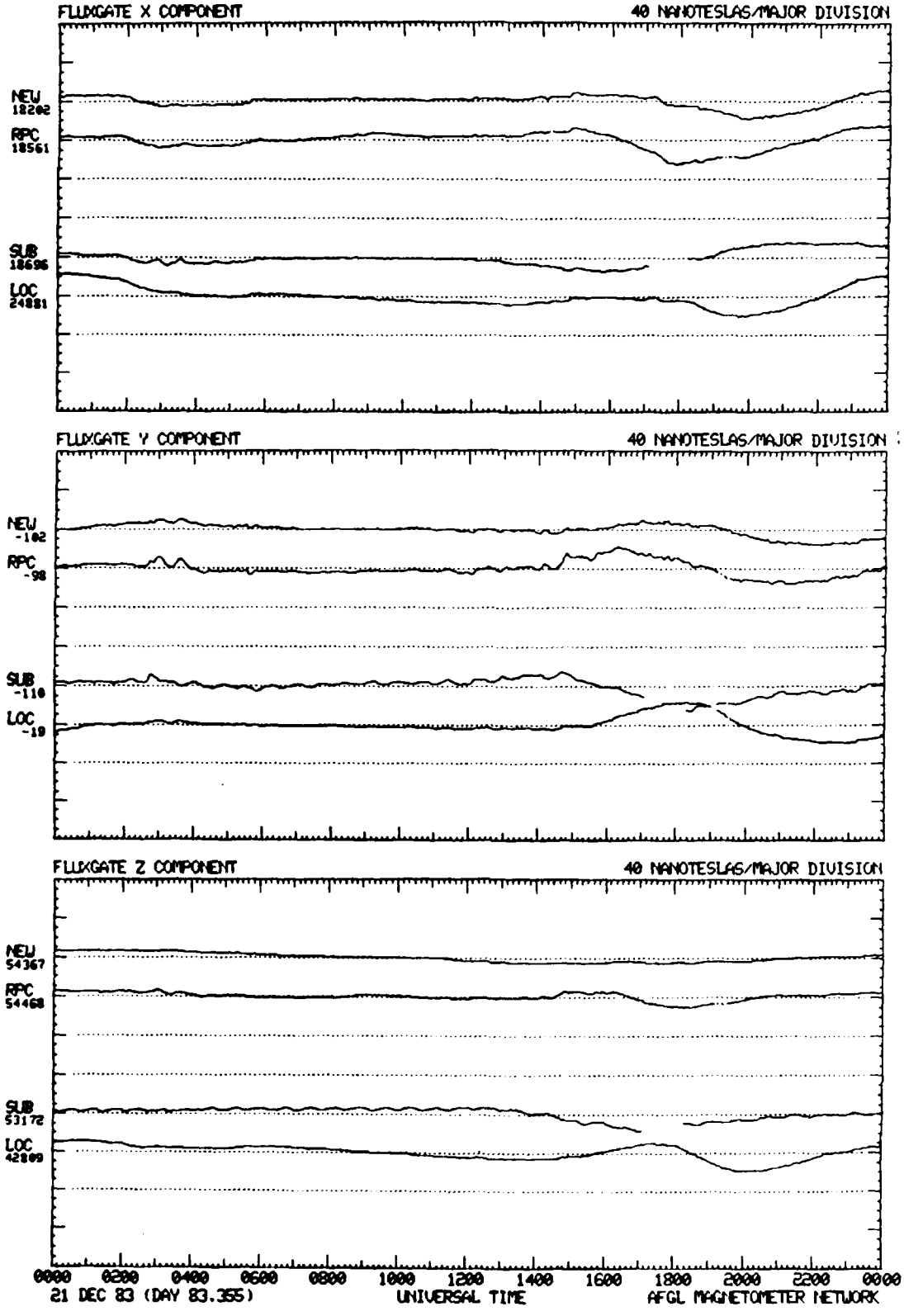

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18194
RPC
18557
SUB
18717
LOC
24890
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-91
RPC
-82
SUB
-106
LOC
-18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54390
RPC
54492
SUB
53148
LOC
42825
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 DEC 83 (DAY 83.350)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

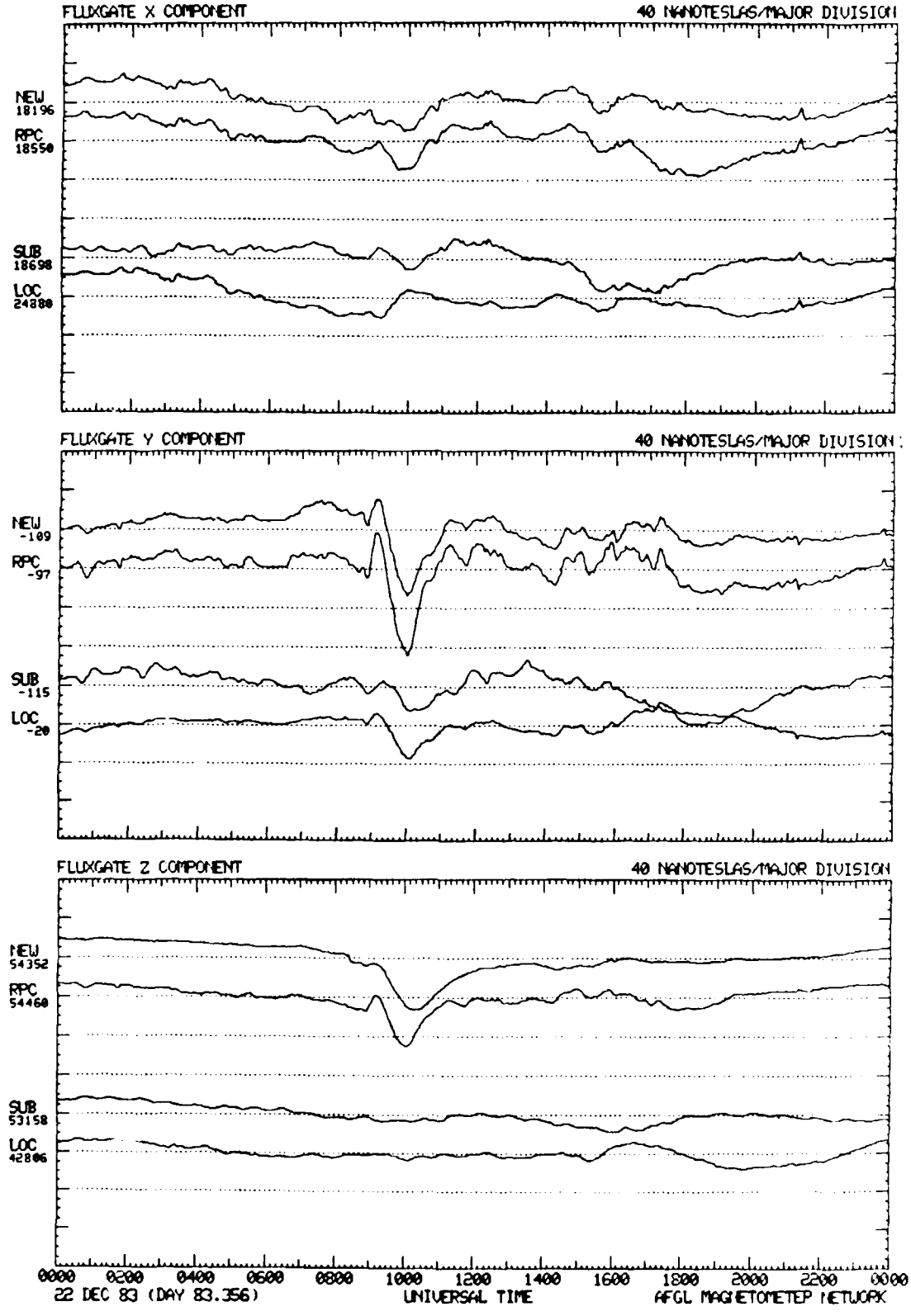

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18200
RPC
18565
SUB
18717
LOC
24892
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-98
RPC
-89
SUB
-99
LOC
-17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54379
RPC
54482
SUB
53144
LOC
42824
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 DEC 83 (DAY 83.351)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

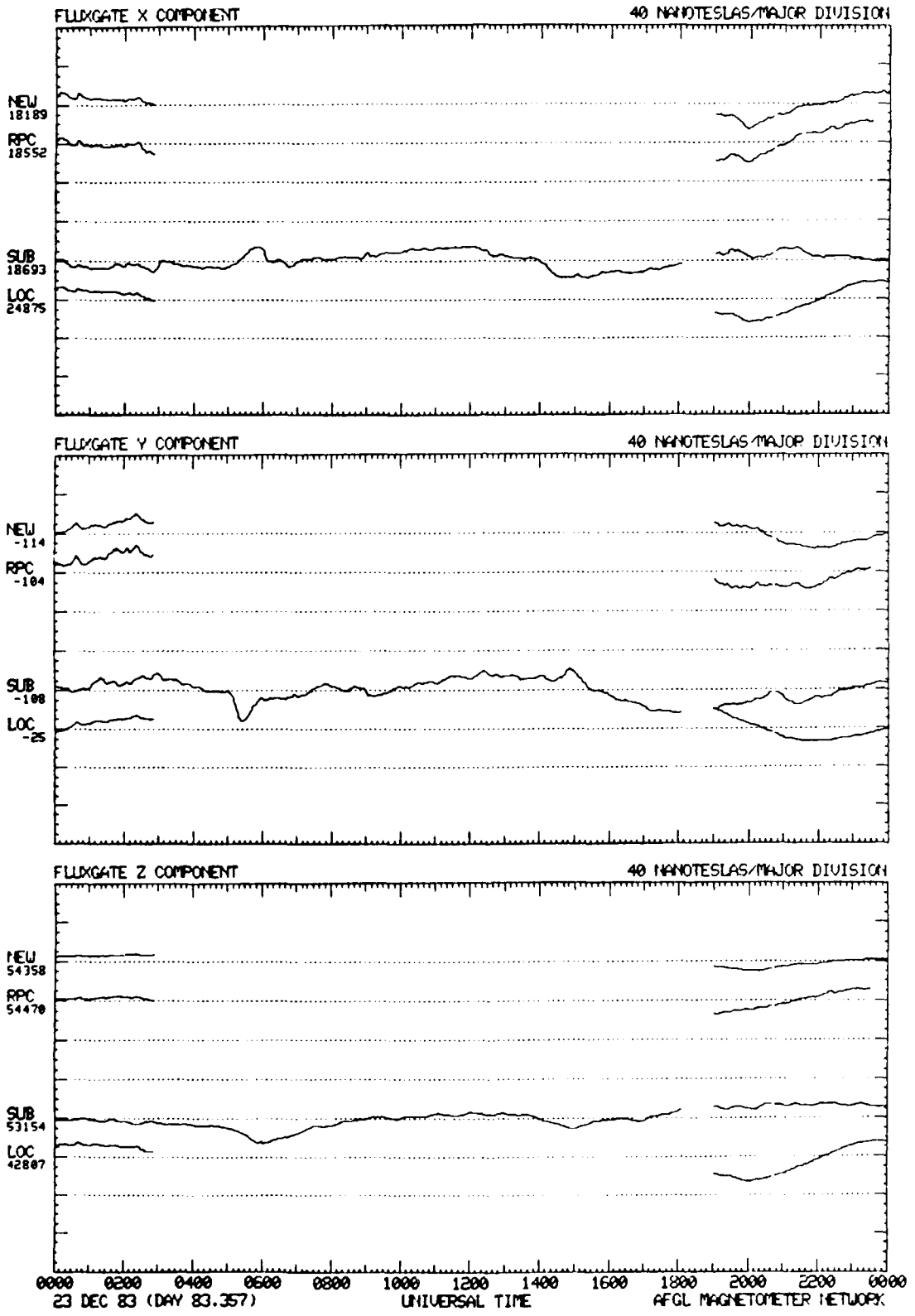

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18203
RPC
18596
SUB
18719
LOC
84898
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-101
RPC
-90
SUB
-97
LOC
-1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54377
RPC
54472
SUB
53146
LOC
48820
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 DEC 83 (DAY 83.352)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

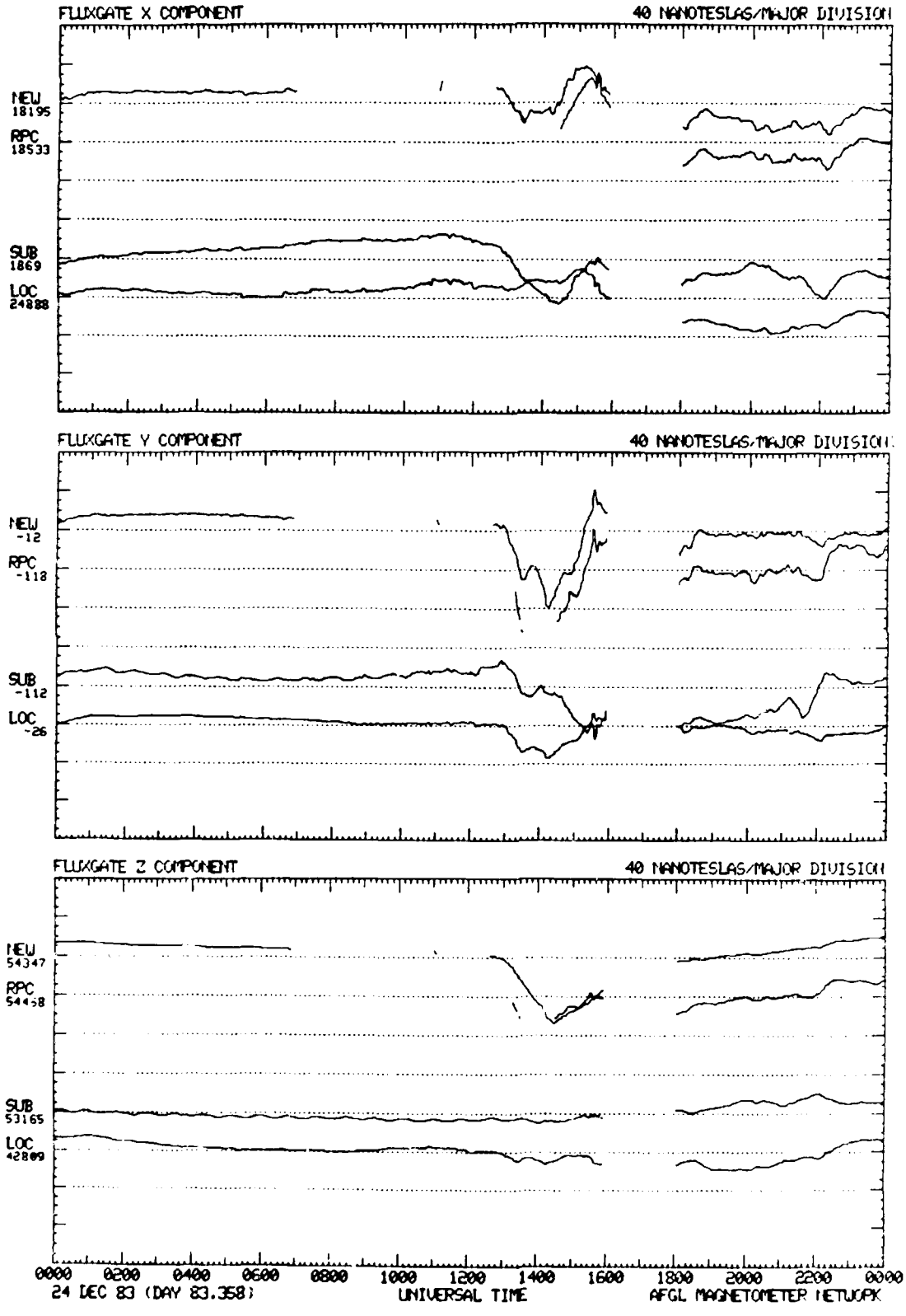

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18199
RPC
18548
SUB
18719
LOC
24888
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-98
RPC
-91
SUB
-98
LOC
-19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54378
RPC
54478
SUB
53141
LOC
42814
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 DEC 83 (DAY 83.353)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

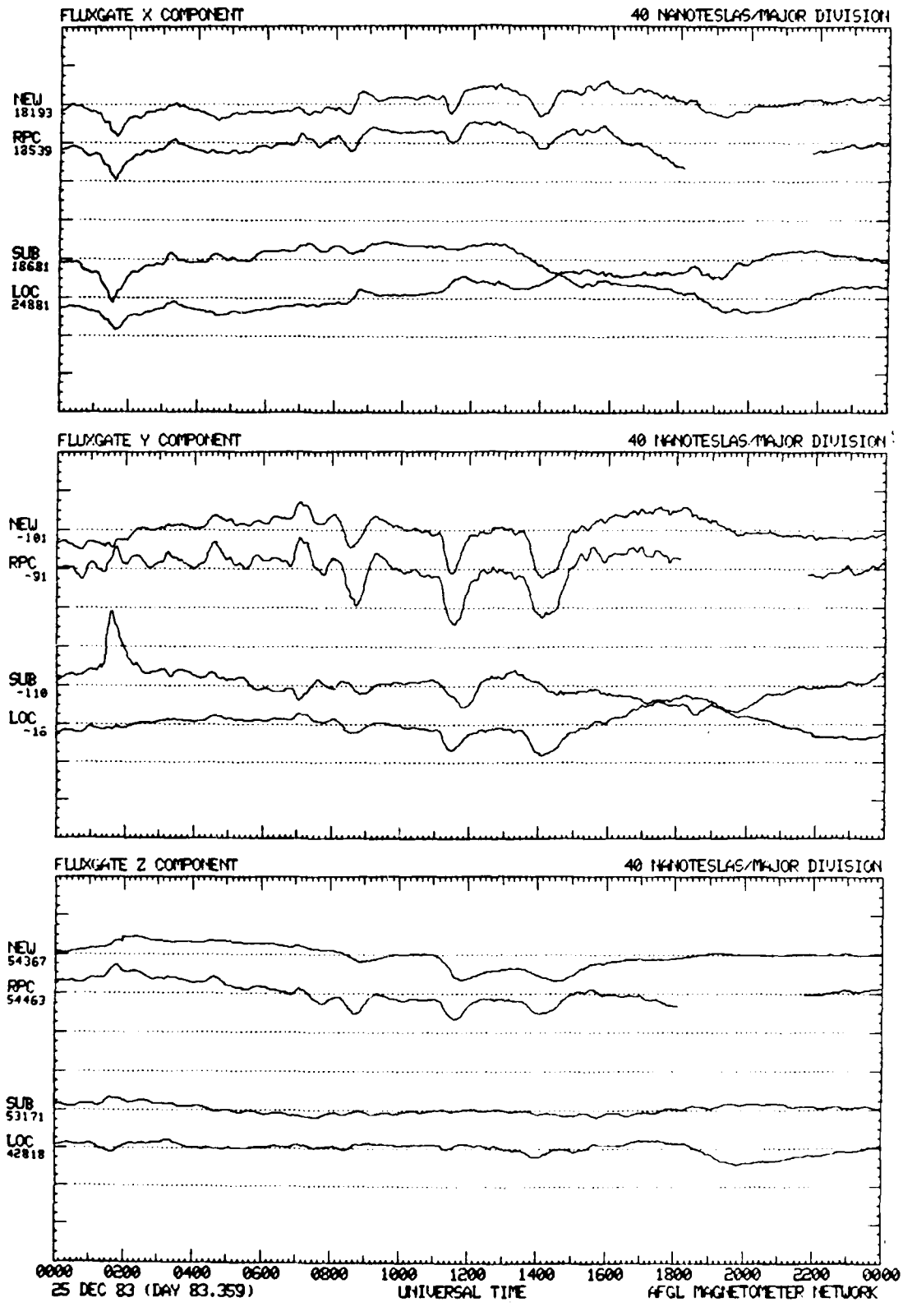

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18199
RPC
18548
SUB
18668
LOC
24883
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-97
RPC
-93
SUB
-110
LOC
-1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54373
RPC
54471
SUB
53106
LOC
42813
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 DEC 83 (DAY 83.354)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

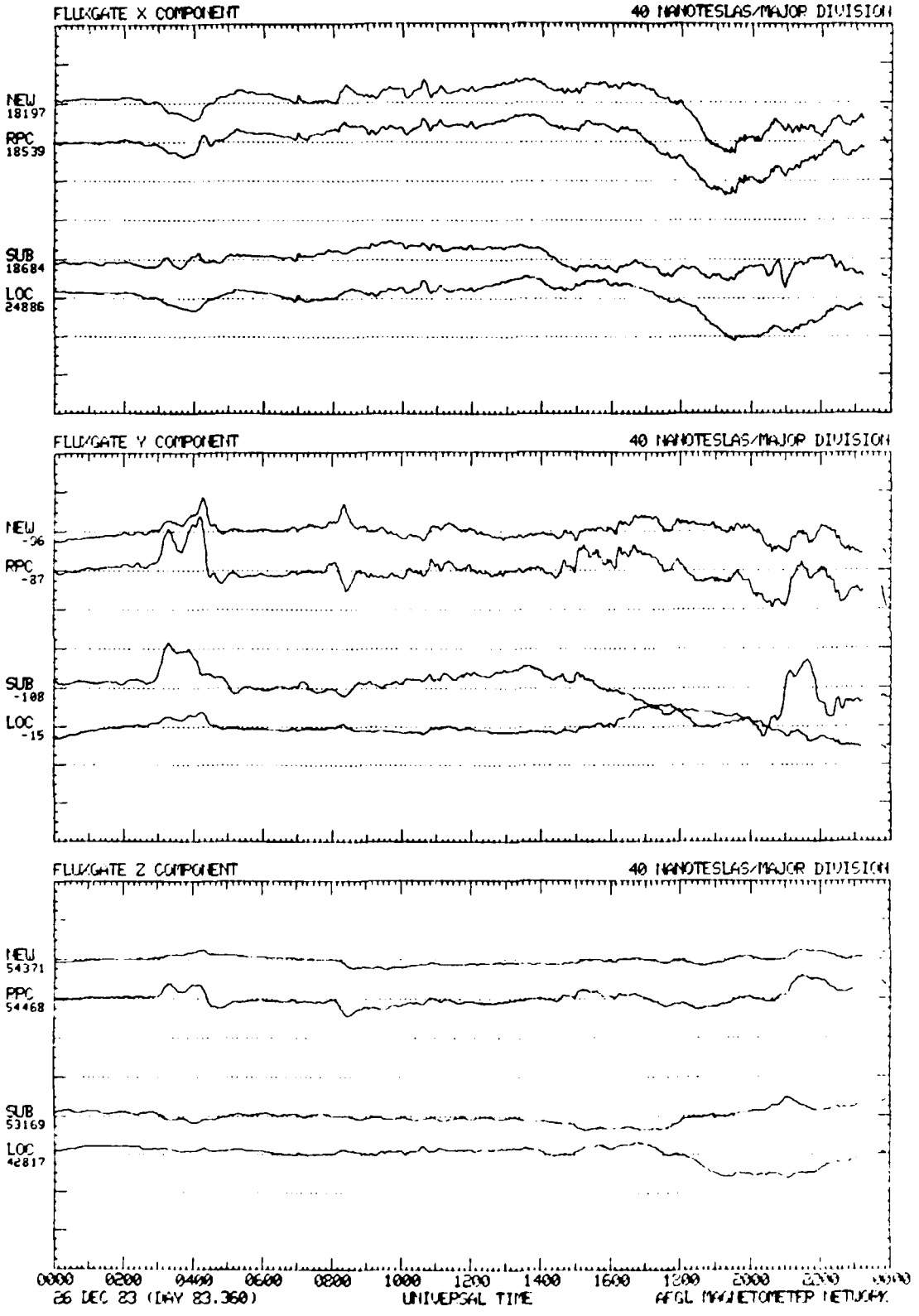

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18202
RPC
18561
SUB
18696
LOC
24881
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-102
RPC
-98
SUB
-110
LOC
-19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54367
RPC
54468
SUB
53172
LOC
42809
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 DEC 83 (DAY 83.355)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

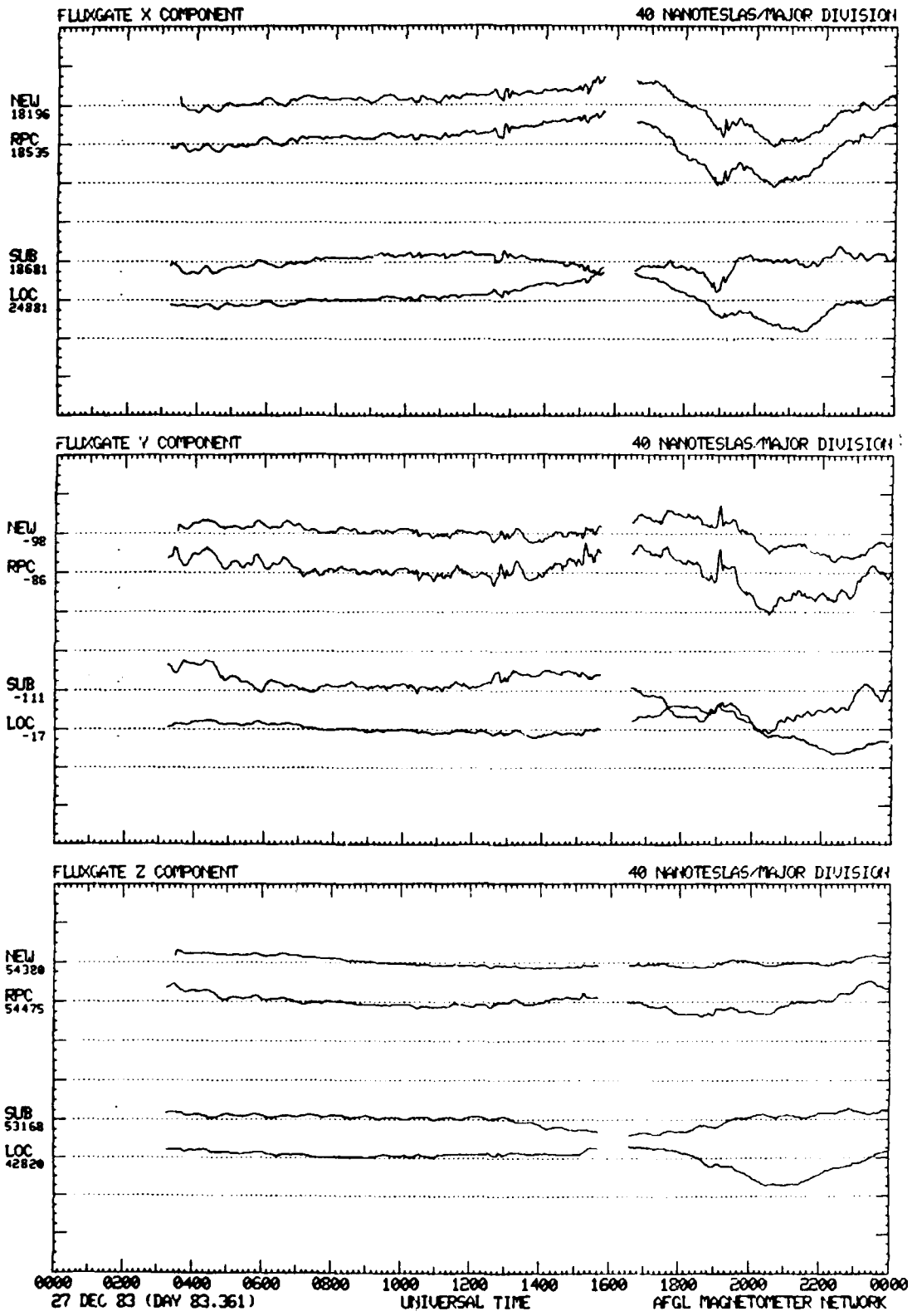

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18196
RPC
18550
SUB
18698
LOC
24880
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-109
RPC
-97
SUB
-115
LOC
-20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54352
RPC
54460
SUB
53158
LOC
42806
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 DEC 83 (DAY 83.356)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

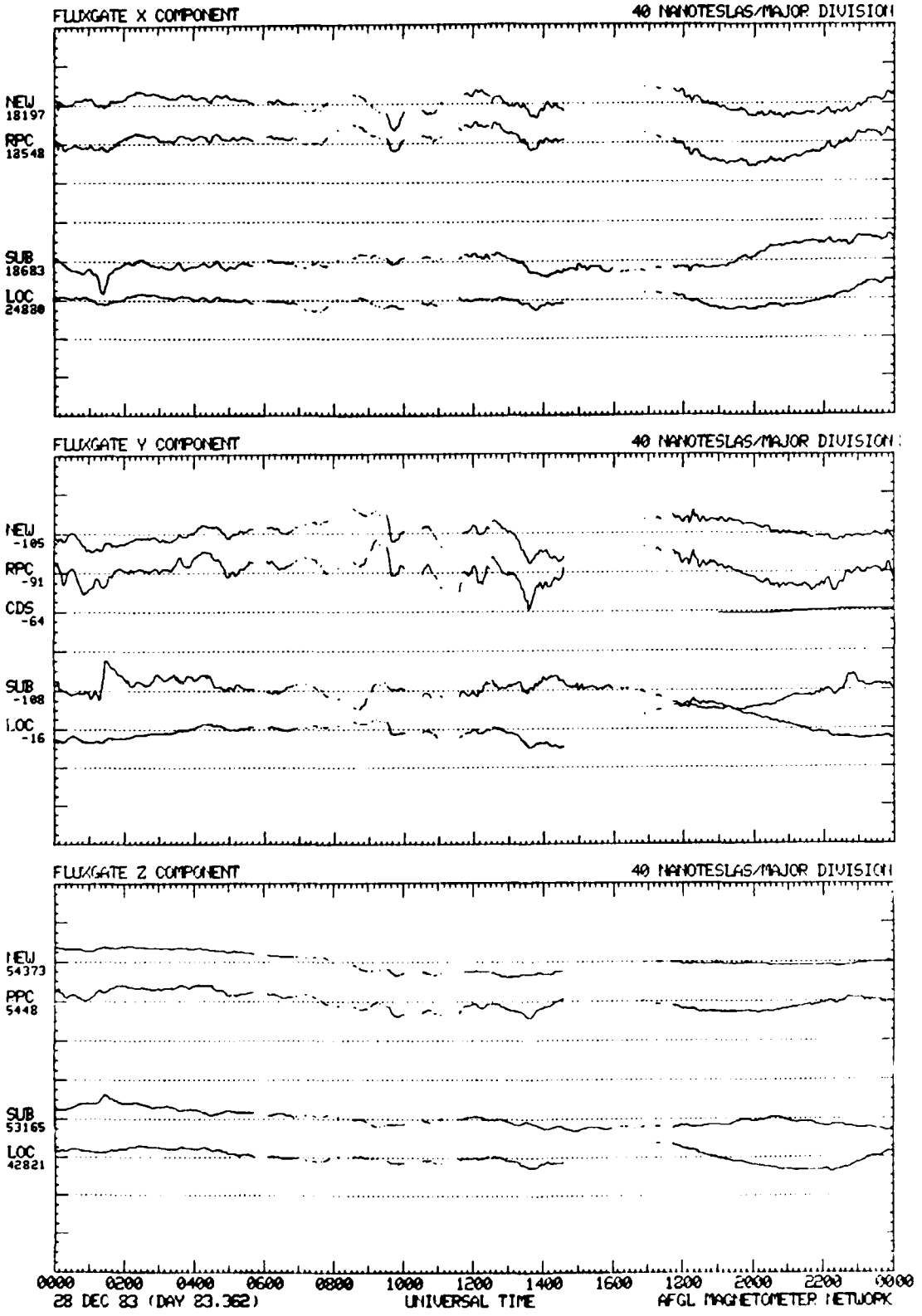

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18189
RPC
18552
SUB
18693
LOC
24875
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-114
RPC
-104
SUB
-108
LOC
-25
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54358
RPC
54470
SUB
53154
LOC
42807
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 DEC 83 (DAY 83.357)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

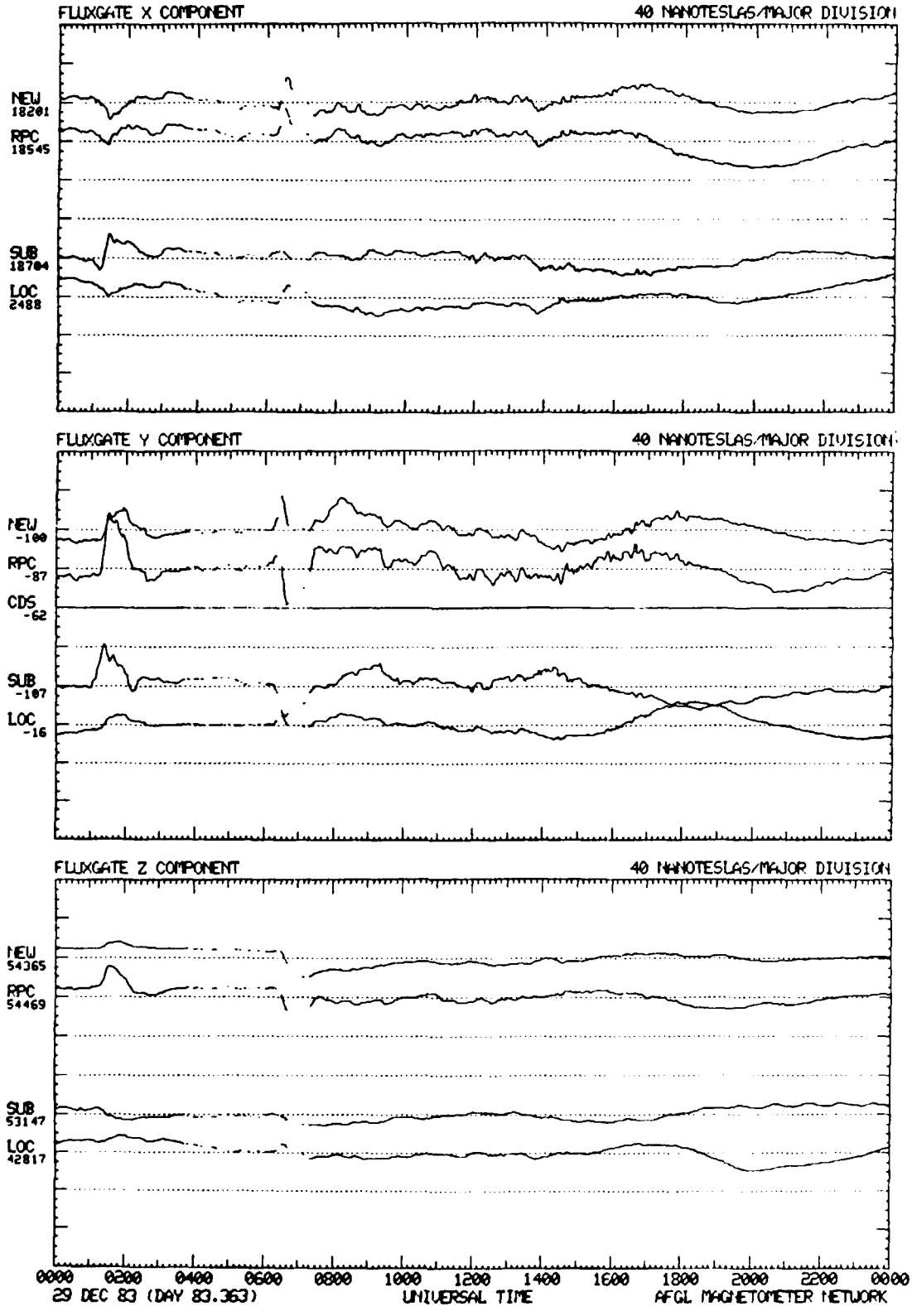

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18195
RPC
18533
SUB
1869
LOC
24888
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-12
RPC
-118
SUB
-112
LOC
-26
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54347
RPC
54458
SUB
53165
LOC
42809
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 DEC 83 (DAY 83.358)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

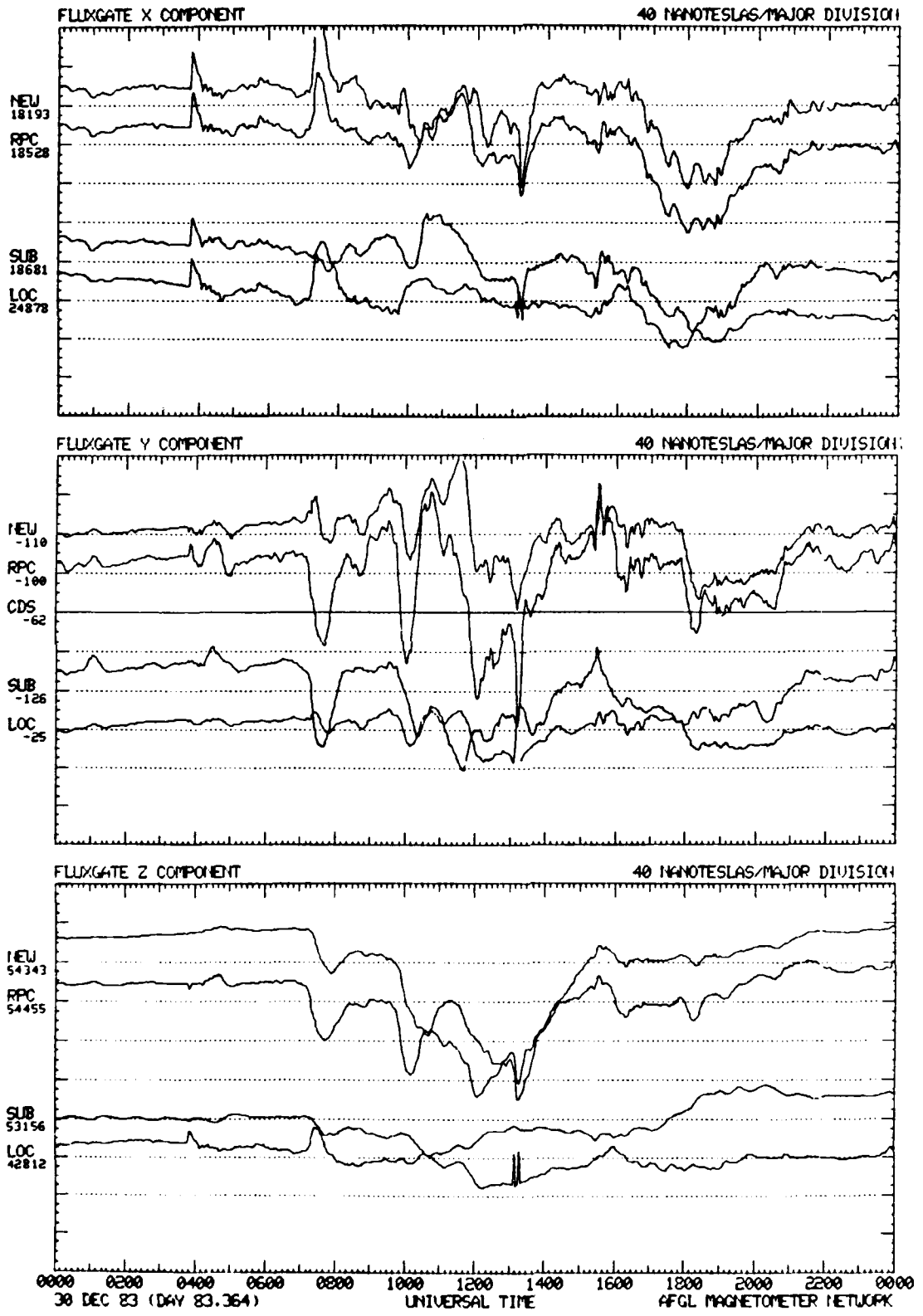

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18193
RPC
18539
SUB
18681
LOC
24881
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-101
RPC
-91
SUB
-110
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54367
RPC
54463
SUB
53171
LOC
42818
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 DEC 83 (DAY 83.359)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

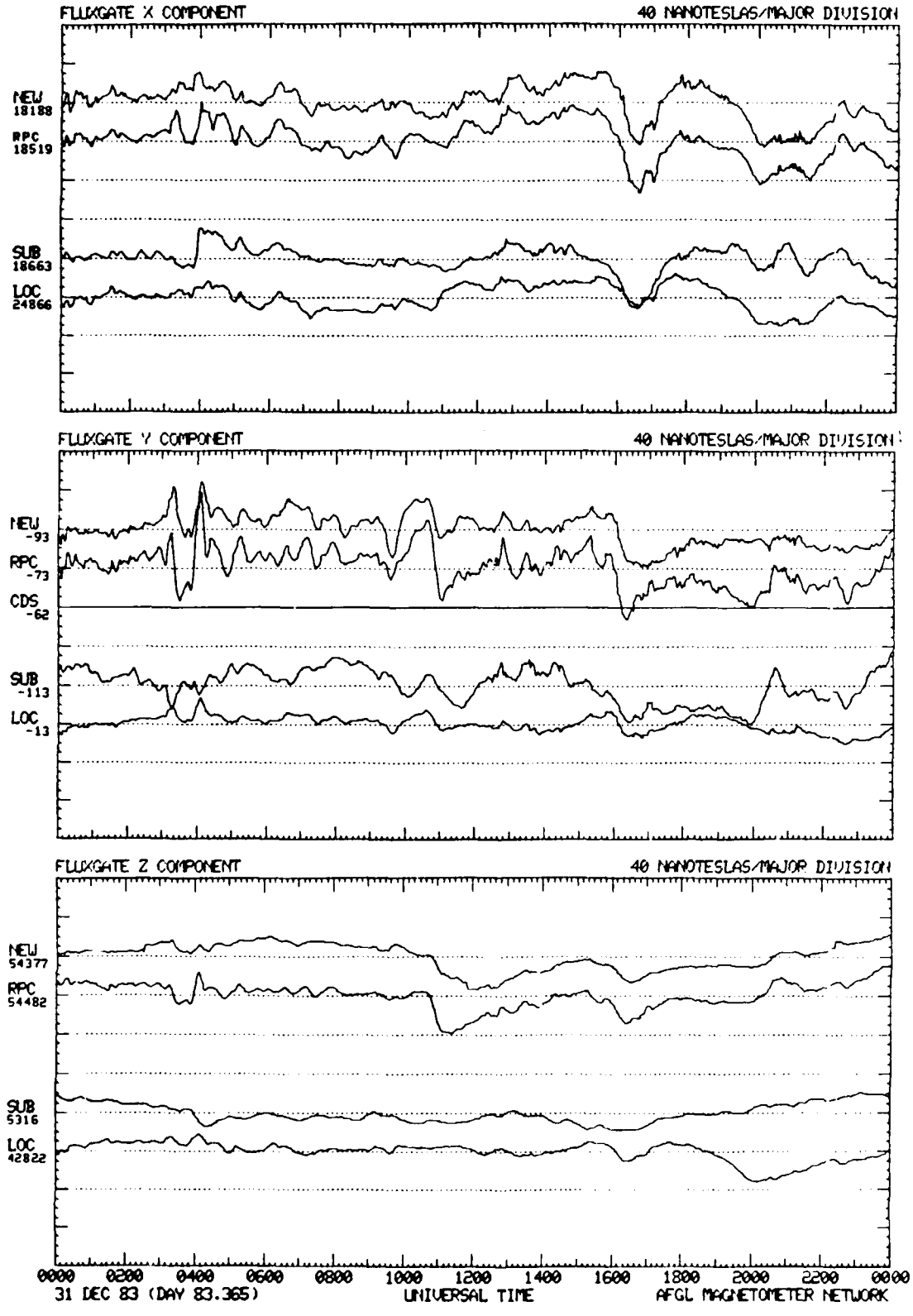

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18197
RPC
18539
SUB
18684
LOC
24886
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-96
RPC
-87
SUB
-108
LOC
-15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54371
PPC
54468
SUB
53169
LOC
42817
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
26 DEC 83 (DAY 83.360)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18196
RPC
18535
SUB
18681
LOC
24881
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-98
RPC
-86
SUB
-111
LOC
-17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54380
RPC
54475
SUB
53168
LOC
42820
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 DEC 83 (DAY 83.361)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18197
RPC
18548
SUB
18683
LOC
24880
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-105
RPC
-91
CDS
-64
SUB
-108
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54373
PPC
5448
SUB
53165
LOC
42821
0000 0200 0400 0600 0800 1000 1200 1400 1600 1200 2000 2200 0000
28 DEC 83 (DAY 23.362)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18201
RPC
18545
SUB
18784
LOC
2488
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-100
RPC
-87
CDS
-62
SUB
-107
LOC
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54365
RPC
54469
SUB
53147
LOC
42817
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 DEC 83 (DAY 83.363)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

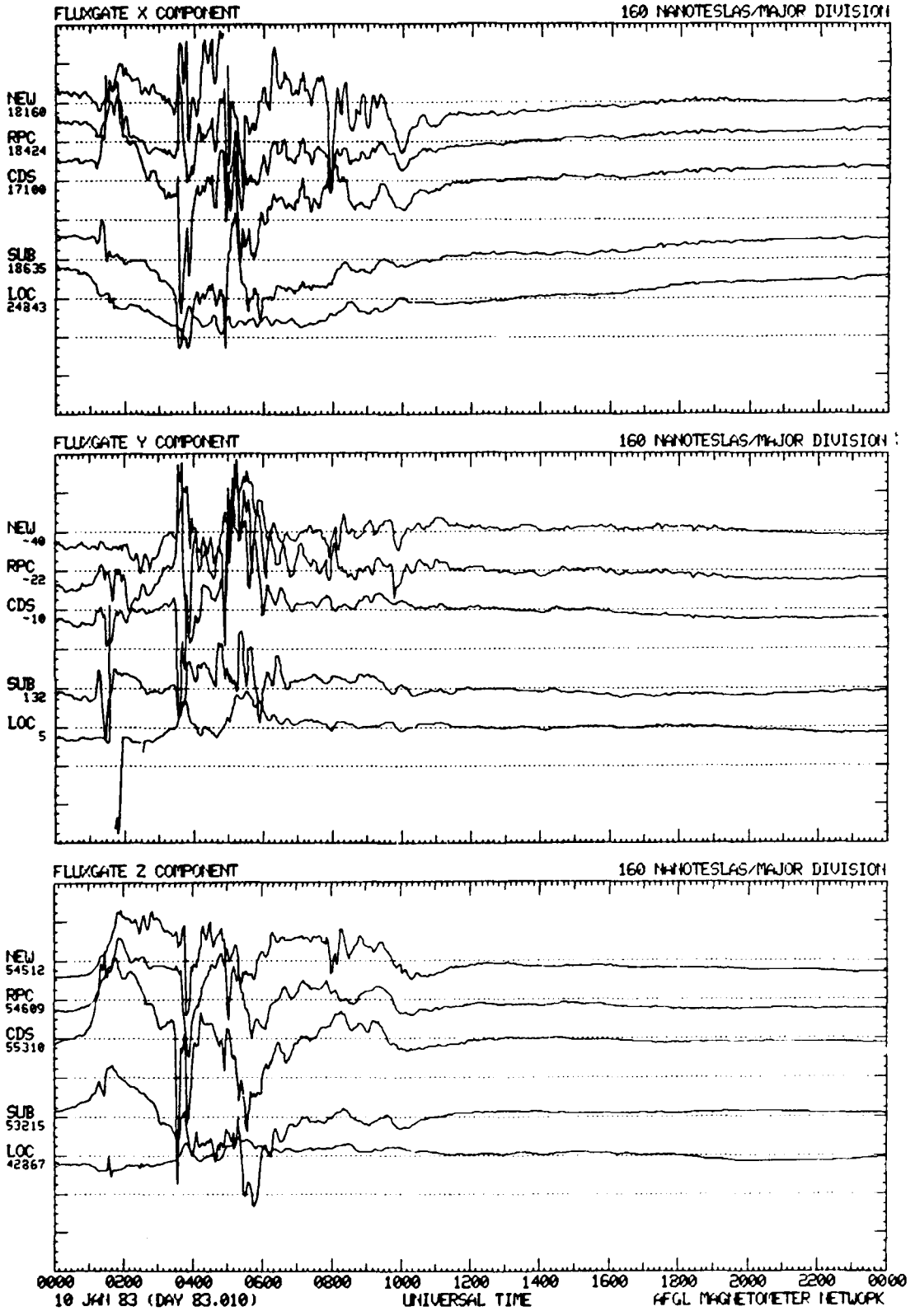

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18193
RPC
18528
SUB
18681
LOC
24878
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-110
RPC
-100
CDS
-62
SUB
-126
LOC
-25
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54343
RPC
54455
SUB
53156
LOC
42812
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 DEC 83 (DAY 83.364)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

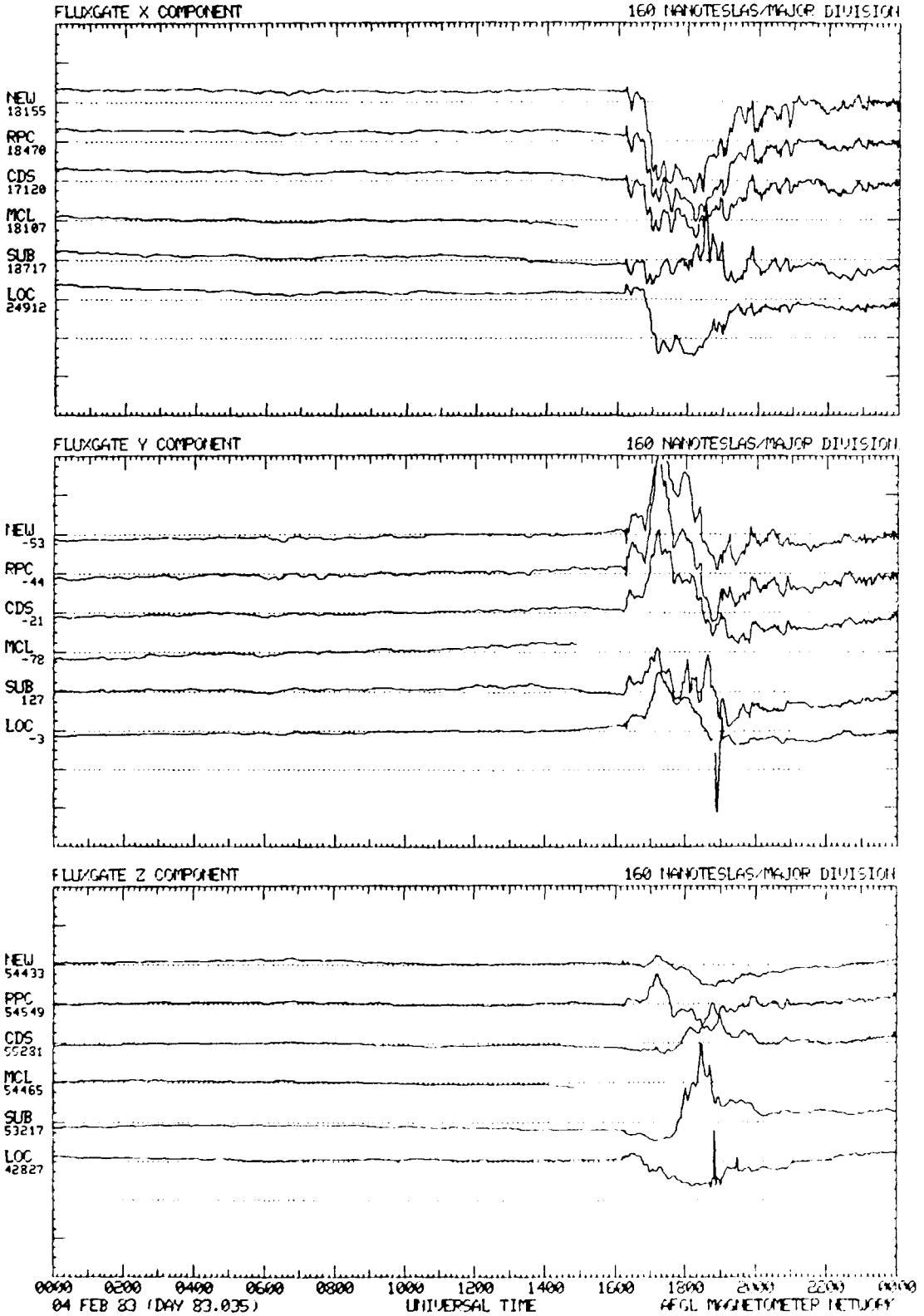

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18188
RPC
18519
SUB
18663
LOC
24866
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-93
RPC
-73
CDS
-62
SUB
-113
LOC
-13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54377
RPC
54482
SUB
5316
LOC
42822
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
31 DEC 83 (DAY 83.365)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

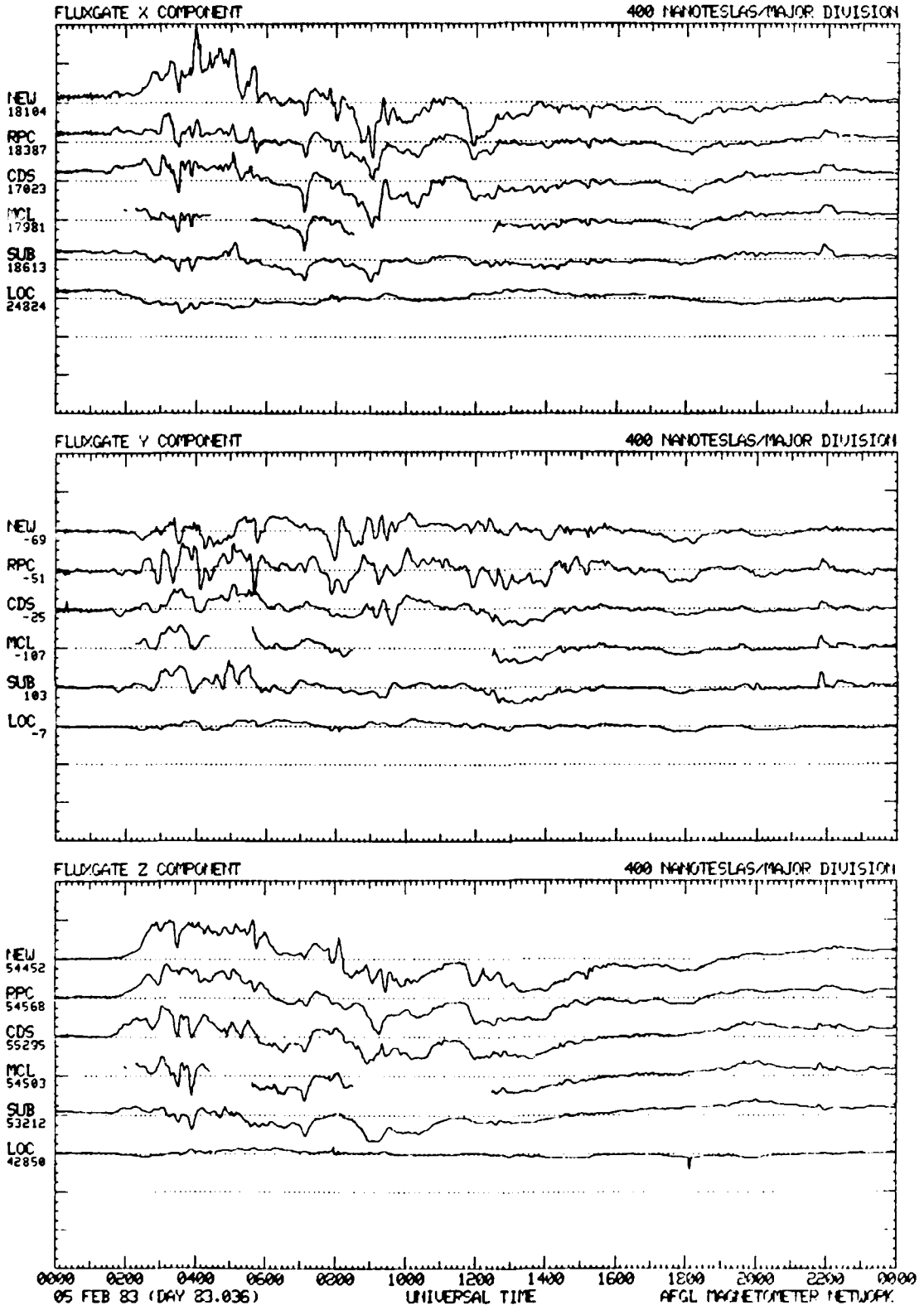
8. SUPPLEMENTARY PLOTS AT REDUCED AMPLITUDE

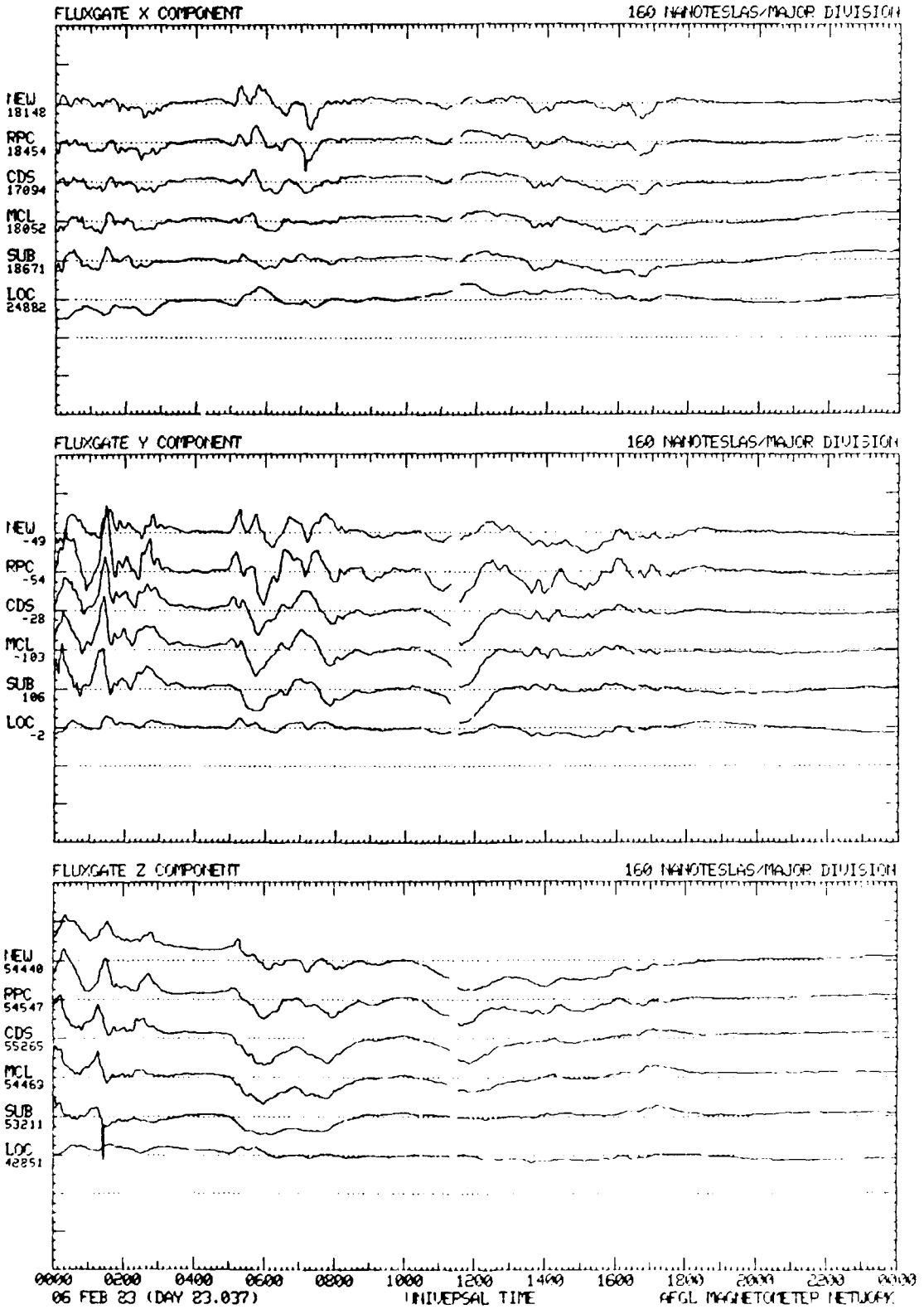
This section presents a stacked-magnetogram plot for each of the following days of 1983, using an amplitude scale of 160 or 140 nT per major division:

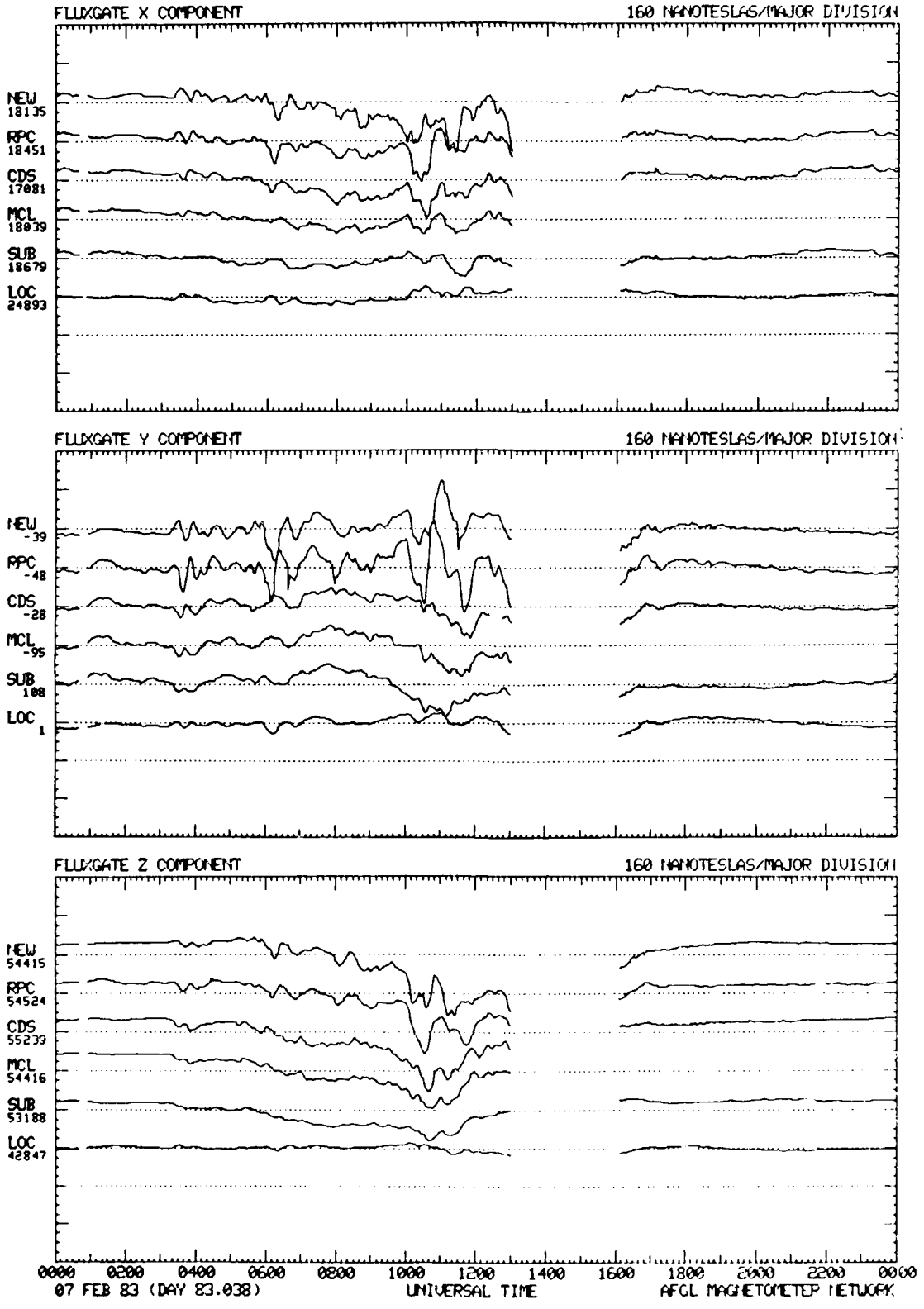
January	10
February	04, 05, 06, 07, 16
March	02, 03, 12, 13, 20, 25, 28, 29, 31
April	13, 15, 16, 22, 24, 30
May	11, 12, 13, 14, 17, 22, 24
June	13, 18
July	17, 24
August	08, 23, 25, 26
September	19, 20
October	18
November	12, 17, 18
December	11


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18160
RPC
18424
CDS
17100
SUB
18635
LOC
24843
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-40
RPC
-22
CDS
-10
SUB
132
LOC
5
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54512
RPC
54609
CDS
55310
SUB
53215
LOC
42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 JAN 83 (DAY 83.010)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18155
RPC
18470
CDS
17120
MCL
18107
SUB
18717
LOC
24912
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-53
RPC
-44
CDS
-21
MCL
-72
SUB
127
LOC
-3
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54433
PPC
54549
CDS
55231
MCL
54465
SUB
53217
LOC
42827
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 2400
04 FEB 83 (DAY 83.035)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

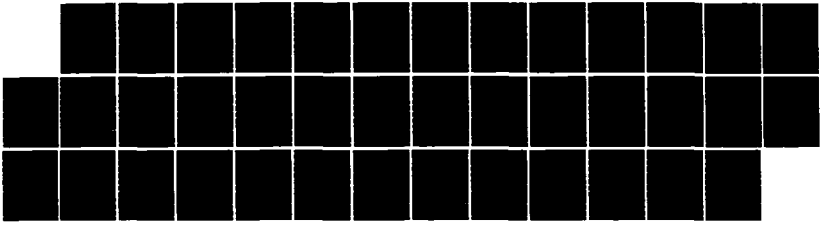

FLUXGATE X COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
18104
RPC
18387
CDS
17023
MCL
17981
SUB
18613
LOC
24824
FLUXGATE Y COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
-69
RPC
-51
CDS
-25
MCL
-107
SUB
103
LOC
-7
FLUXGATE Z COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
54452
PPC
54568
CDS
55295
MCL
54503
SUB
53212
LOC
42850
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 FEB 83 (DAY 83.036)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

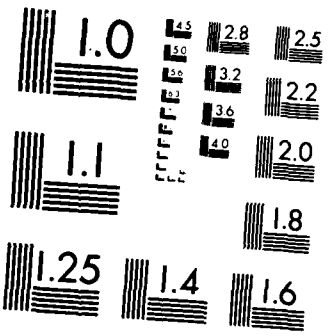

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18148
RPC
18454
CDS
17094
MCL
18052
SUB
18671
LOC
24882
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-49
RPC
-54
CDS
-28
MCL
-103
SUB
106
LOC
-2
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54440
RPC
54547
CDS
55265
MCL
54463
SUB
53211
LOC
42851
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 FEB 83 (DAY 83.037)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18135
RPC
18451
CDS
17081
MCL
18039
SUB
18679
LOC
24893
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-39
RPC
-48
CDS
-28
MCL
-95
SUB
108
LOC
1
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54415
RPC
54524
CDS
55239
MCL
54416
SUB
53188
LOC
42847
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 FEB 83 (DAY 83.038)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

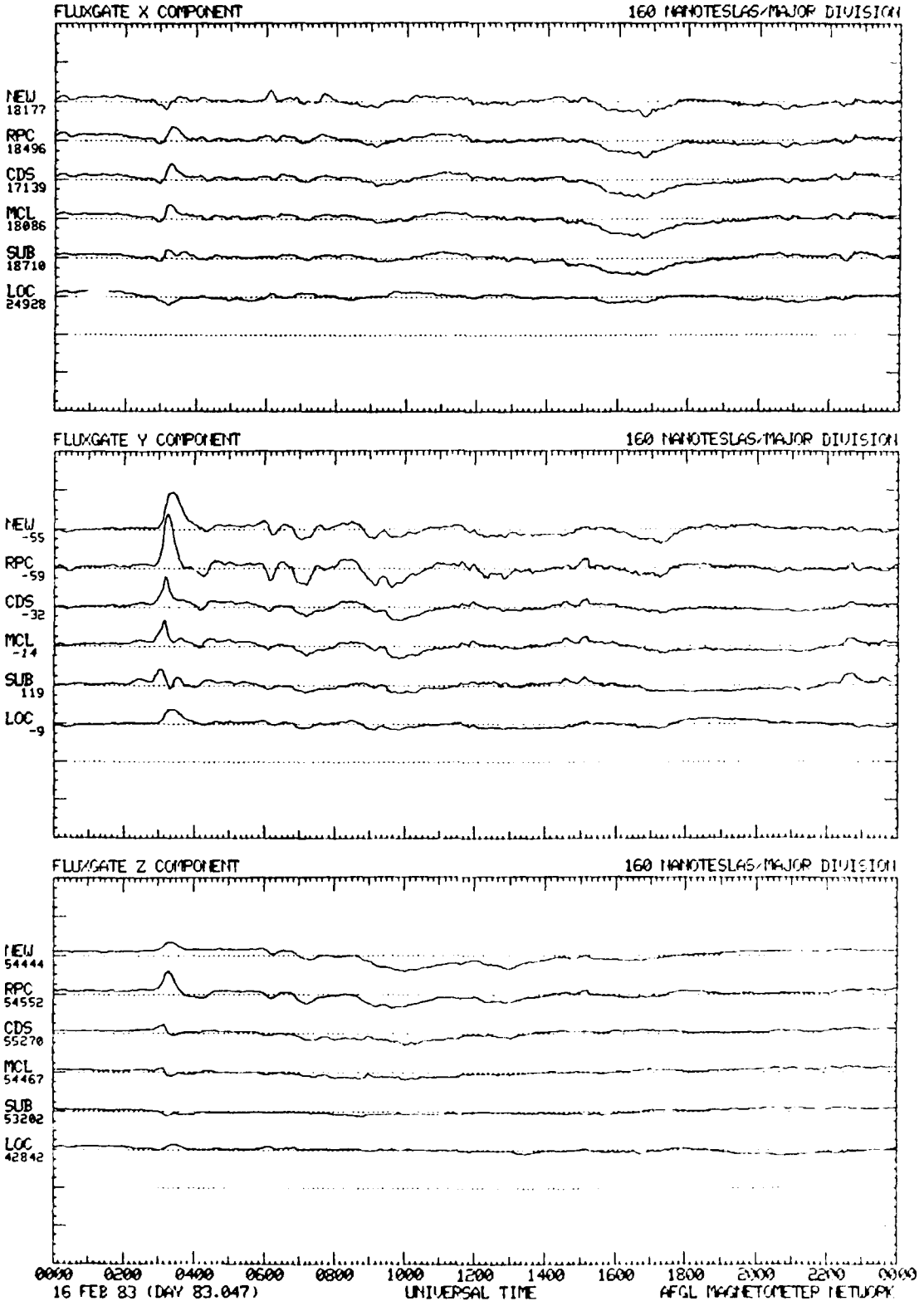
AD-A173 765 DAILY MAGNETOGRAMS FOR 1983 FROM THE AFGL (AIR FORCE GEOPHYSICS LABORATORY) NETWORK(U) AIR FORCE GEOPHYSICS LAB HANSCOM AFB MA D J KNECHT 21 MAR 85 5/5

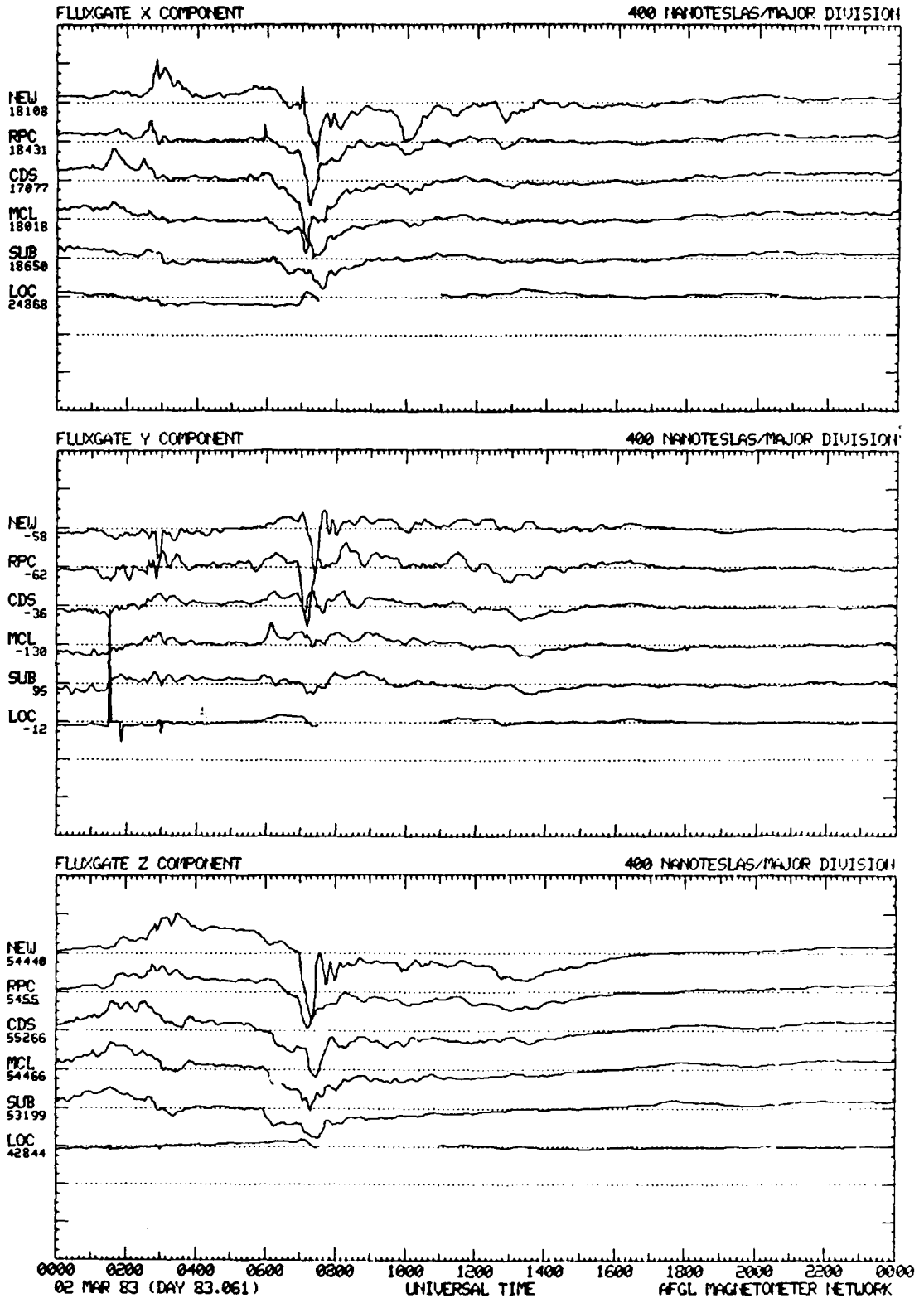
UNCLASSIFIED AFGL-TR-85-0032 F/G 8/14 NL

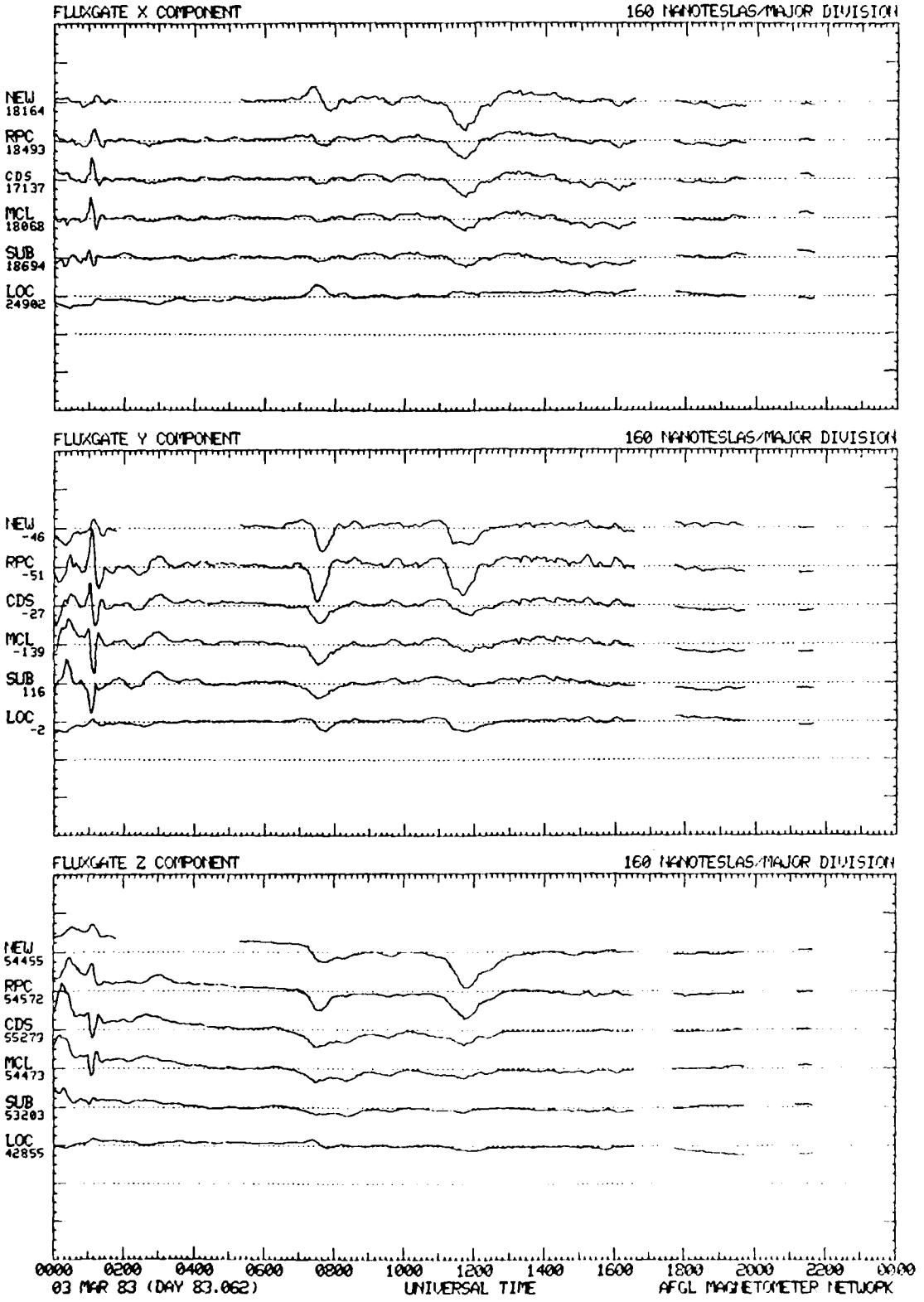


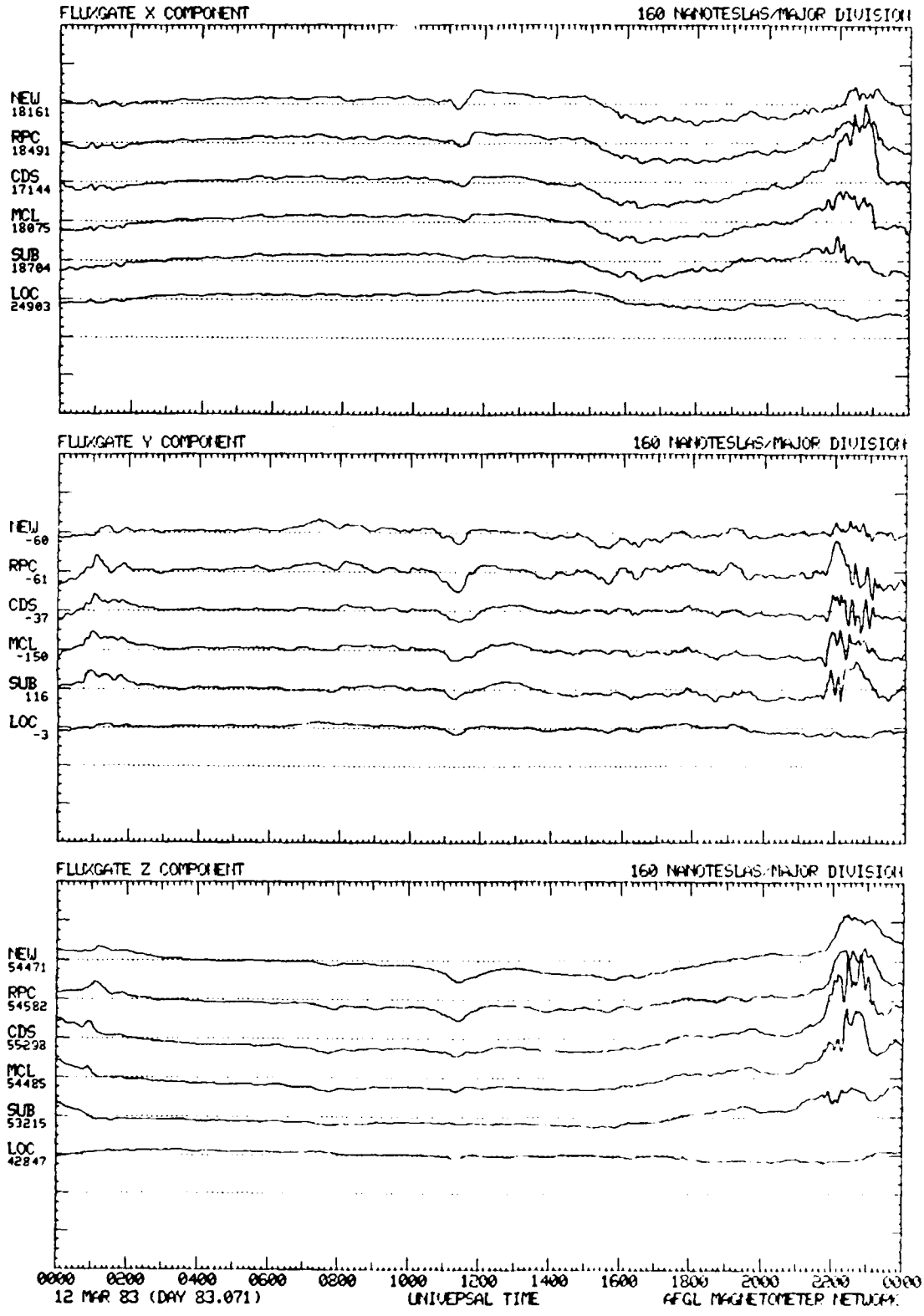


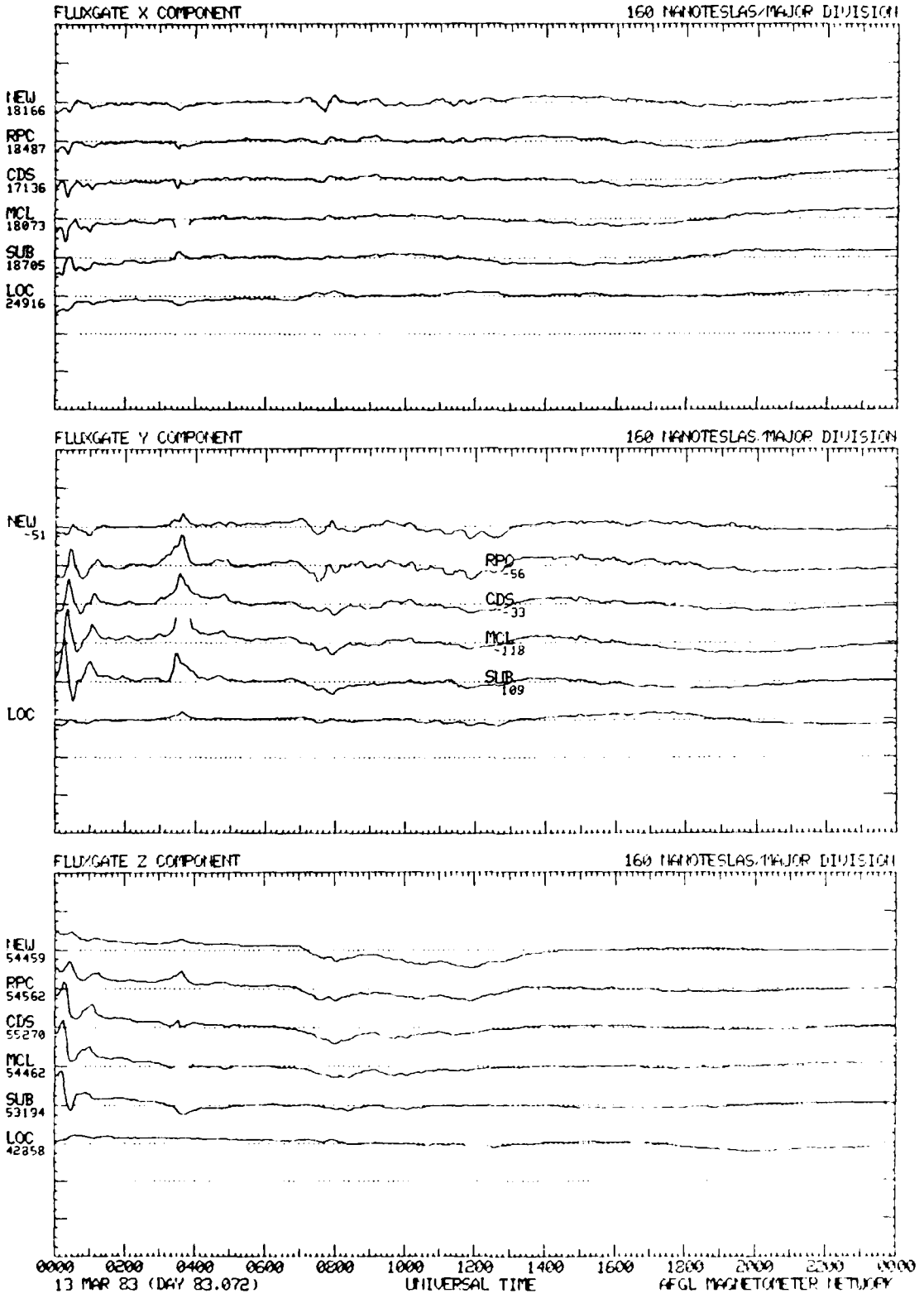
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

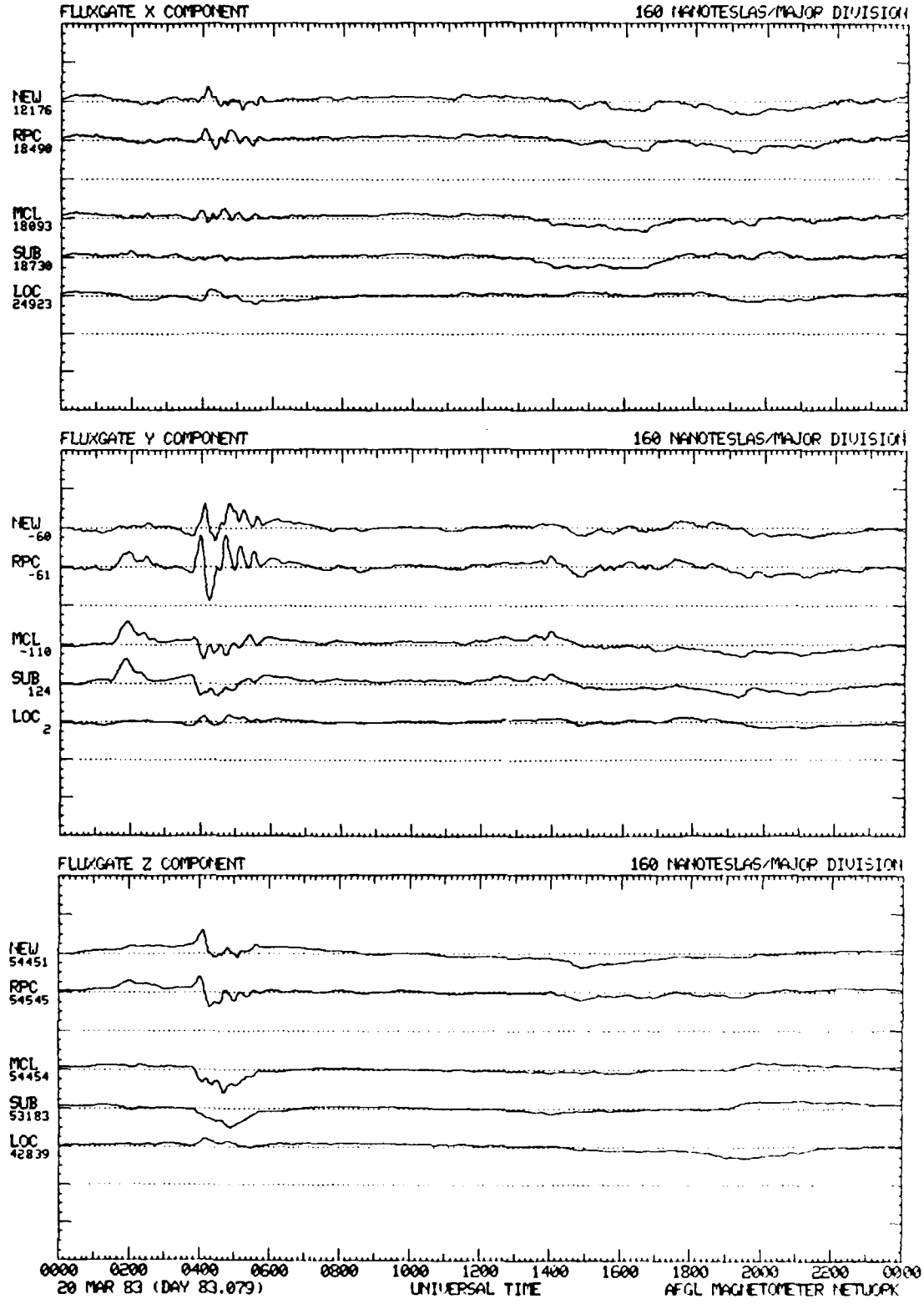

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18177
RPC 18496
CDS 17139
MCL 18086
SUB 18710
LOC 24928
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -55
RPC -59
CDS -32
MCL -14
SUB 119
LOC -9
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54444
RPC 54552
CDS 55270
MCL 54467
SUB 53202
LOC 42842
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 FEB 83 (DAY 83.047)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

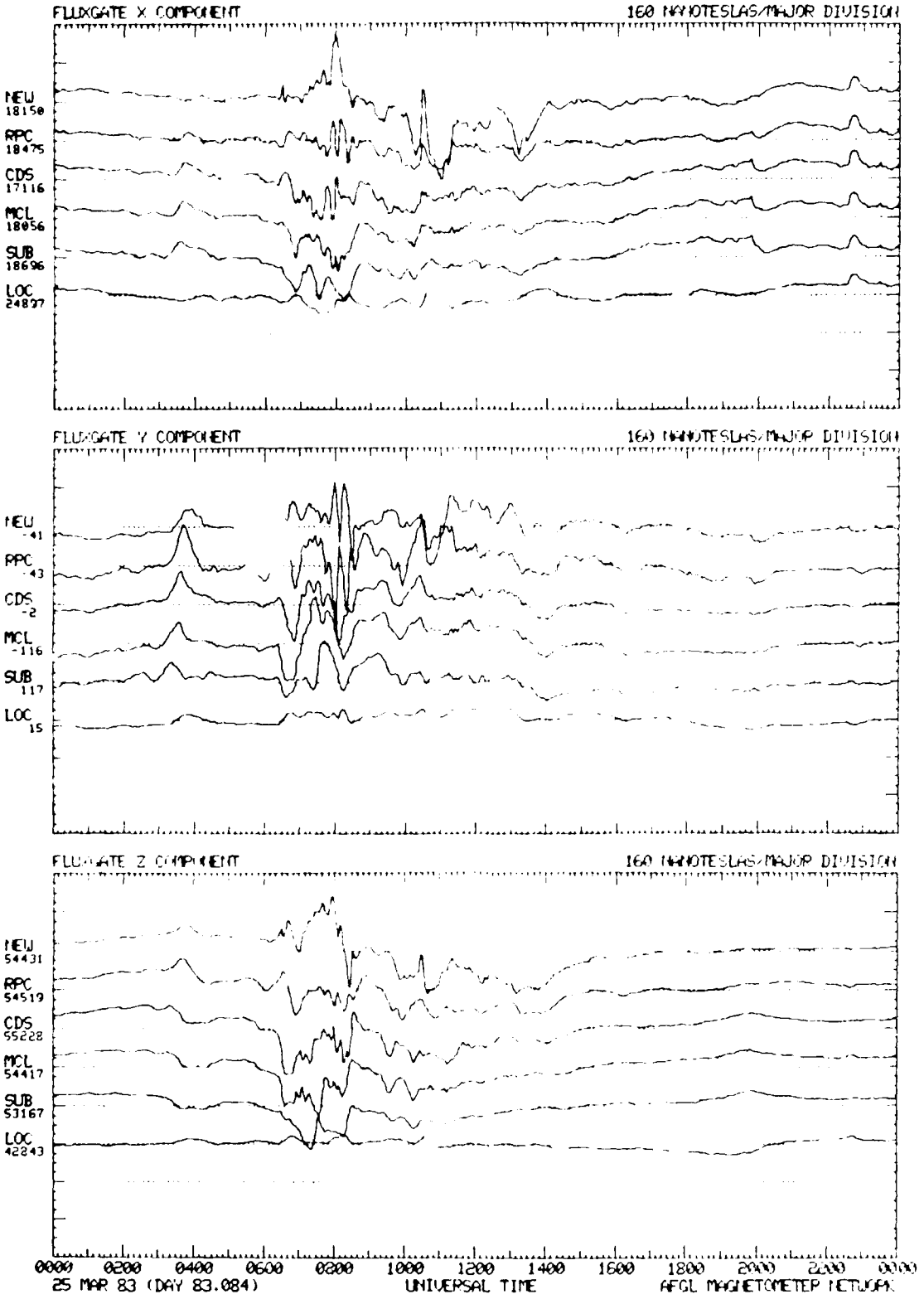

FLUXGATE X COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
18108
RPC
18431
CDS
17077
MCL
18018
SUB
18650
LOC
24868
FLUXGATE Y COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
-58
RPC
-62
CDS
-36
MCL
-130
SUB
95
LOC
-12
FLUXGATE Z COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
54440
RPC
5455
CDS
55266
MCL
54466
SUB
53199
LOC
42844
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 MAR 83 (DAY 83.061)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

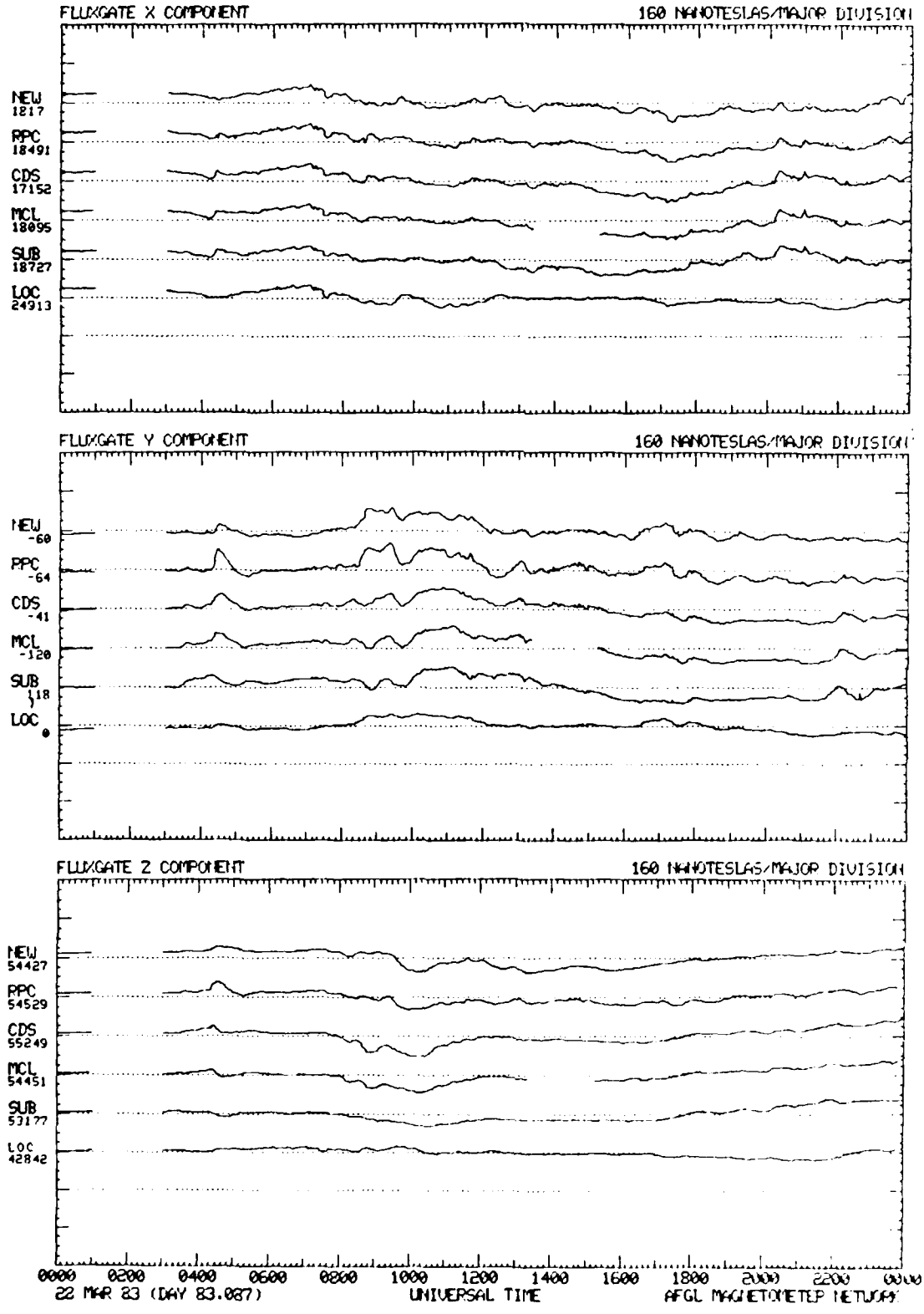

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18164
RPC
18493
CDS
17137
MCL
18068
SUB
18694
LOC
24982
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-46
RPC
-51
CDS
-27
MCL
-139
SUB
116
LOC
-2
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54455
RPC
54572
CDS
55272
MCL
54473
SUB
53203
LOC
42855
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 MAR 83 (DAY 83.062)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

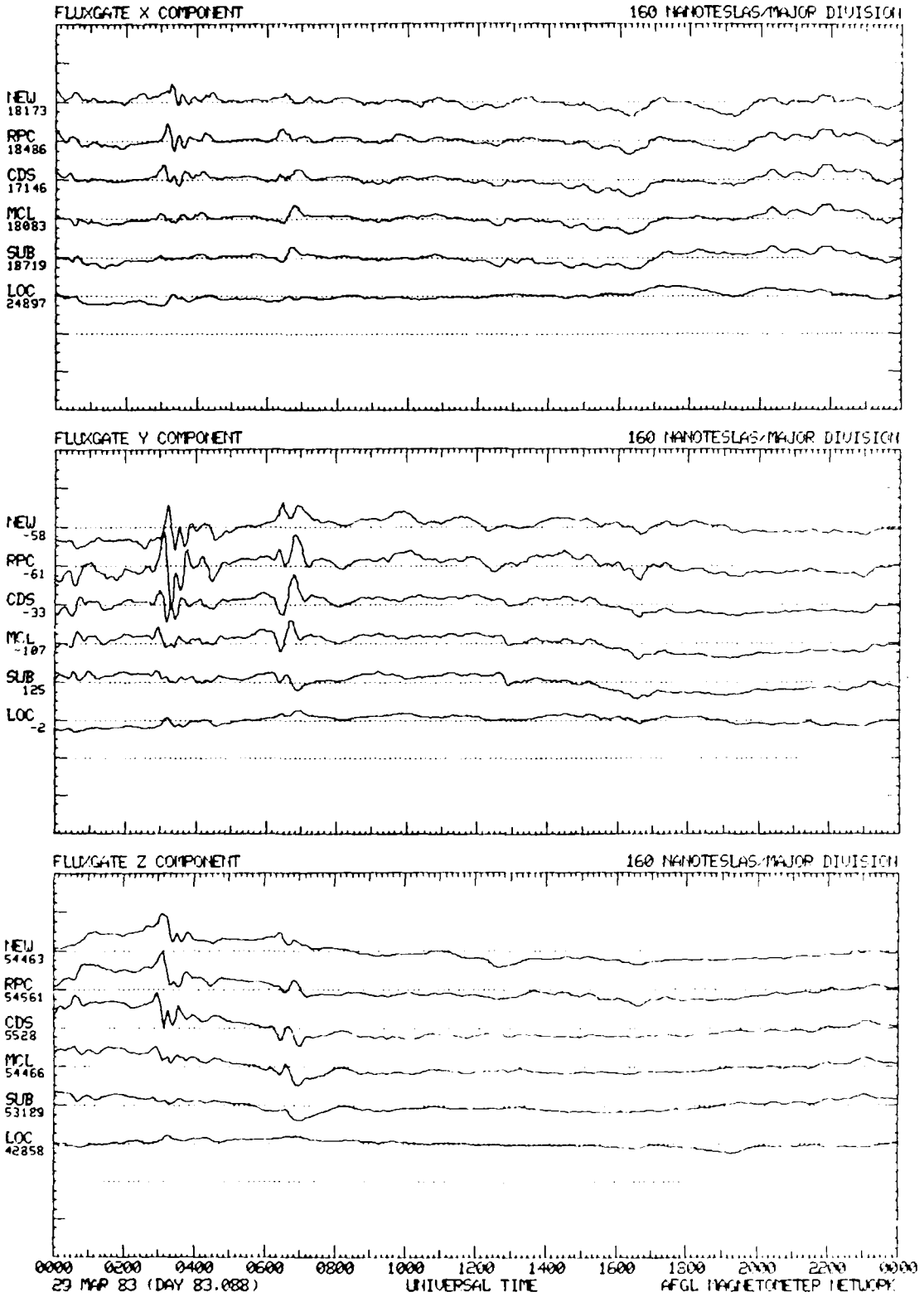

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18161
RPC 18491
CDS 17144
MCL 18075
SUB 18704
LOC 24903
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -60
RPC -61
CDS -37
MCL -150
SUB 116
LOC -3
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54471
RPC 54582
CDS 55298
MCL 54485
SUB 53215
LOC 42847
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 MAR 83 (DAY 83.071)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

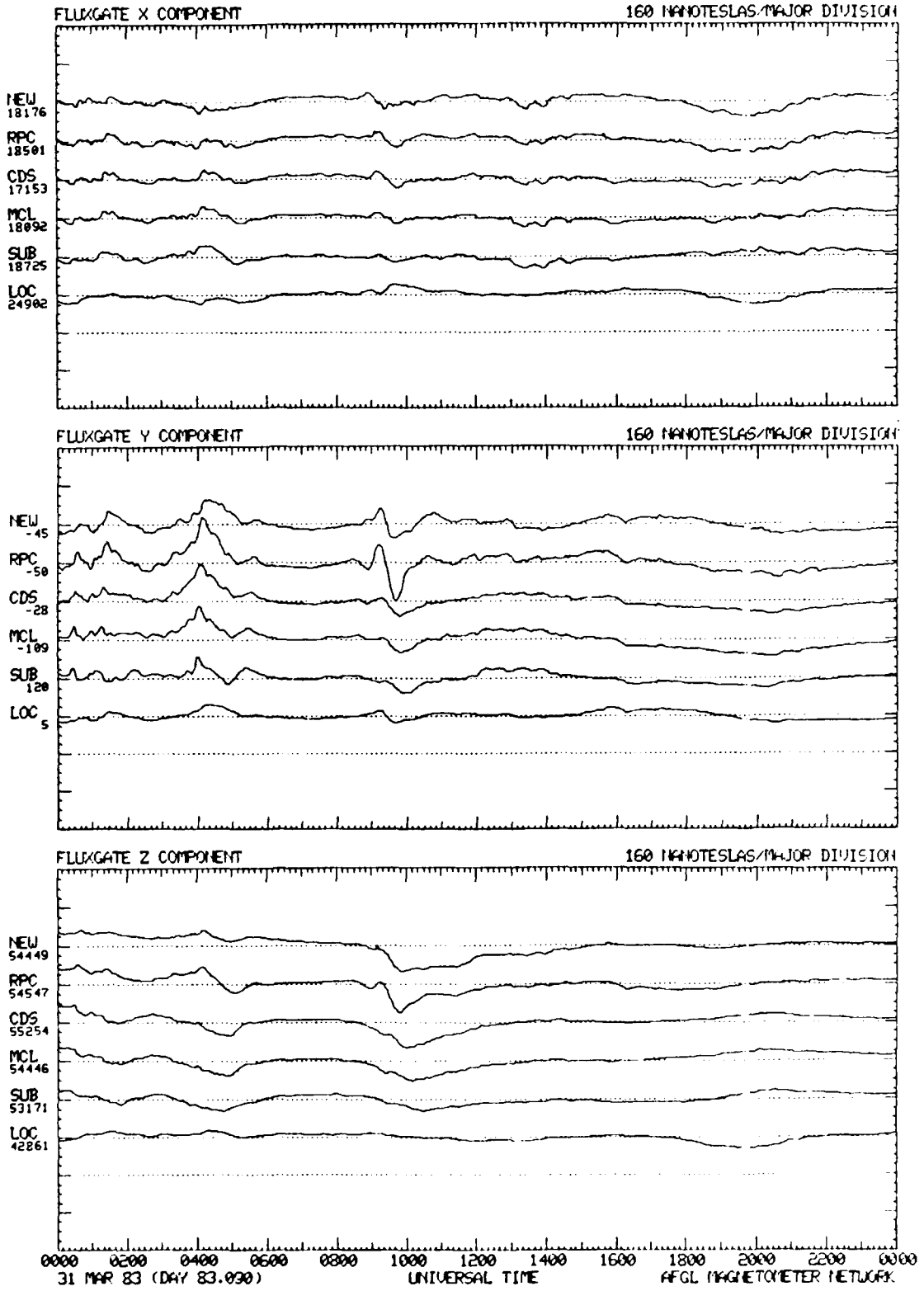

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18166
RPC
18487
CDS
17136
MCL
18073
SUB
18705
LOC
24916
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-51
RPO
-56
CDS
-33
MCL
-118
SUB
109
LOC
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54459
RPC
54562
CDS
55270
MCL
54462
SUB
53194
LOC
42858
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 MAR 83 (DAY 83.072)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

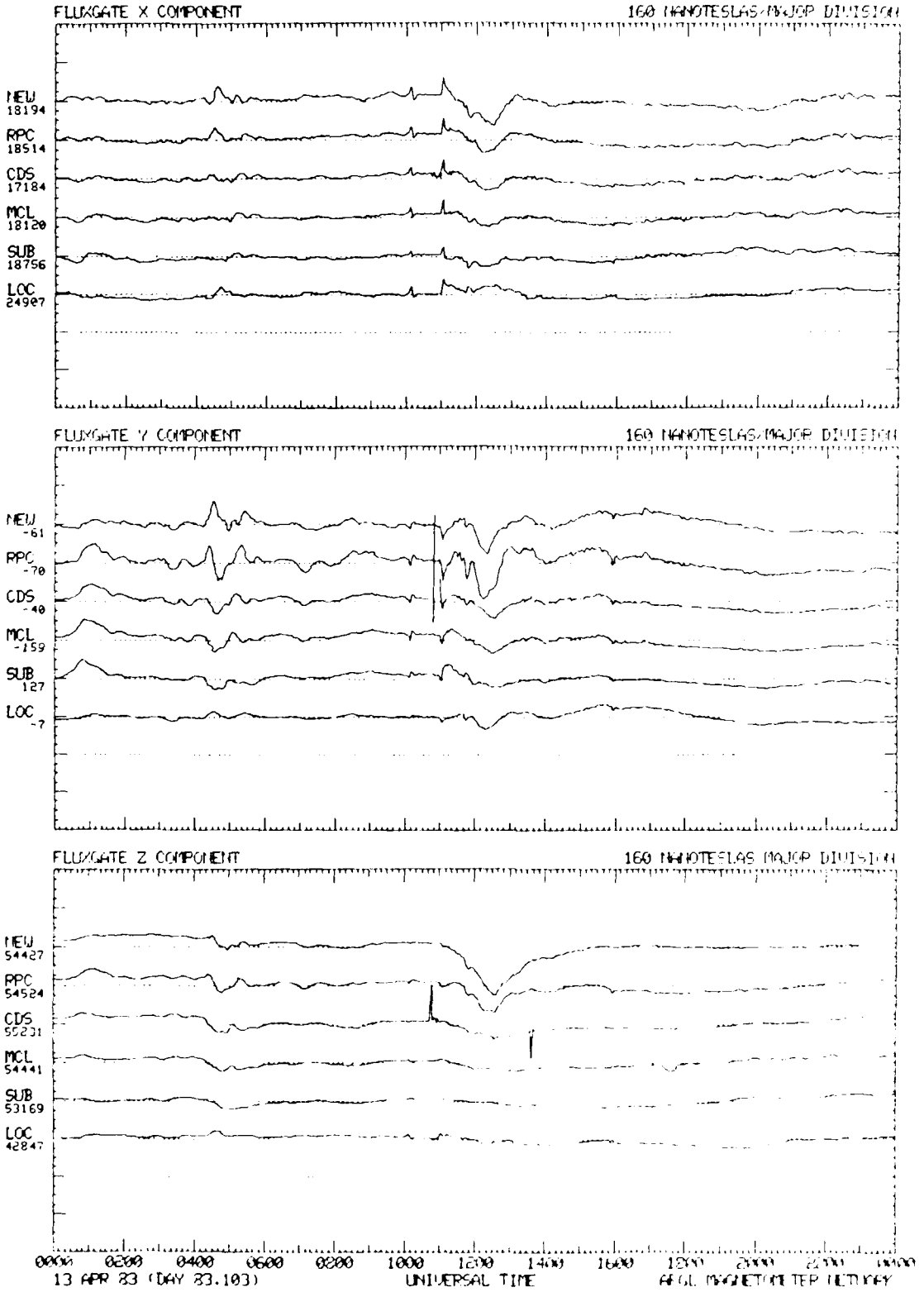

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
12176
RPC
18490
MCL
18093
SUB
18730
LOC
24923
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-60
RPC
-61
MCL
-110
SUB
124
LOC
2
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54451
RPC
54545
MCL
54454
SUB
53183
LOC
42839
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 MAR 83 (DAY 83.079)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

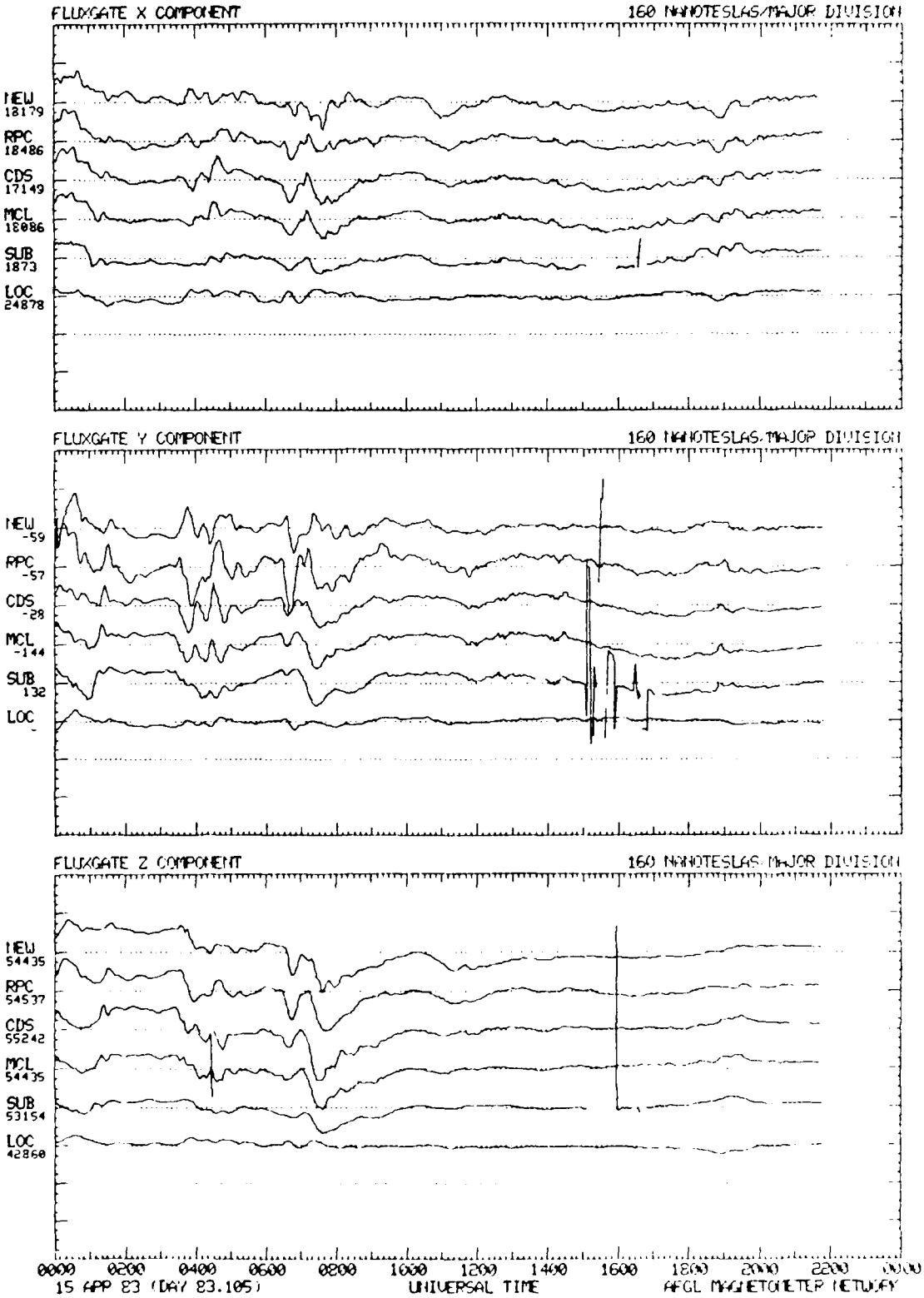

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18150
RPC
18475
CDS
17116
MCL
18056
SUB
18696
LOC
24897
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-41
RPC
-43
CDS
-2
MCL
-116
SUB
117
LOC
15
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54431
RPC
54519
CDS
55228
MCL
54417
SUB
53167
LOC
42243
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 MAR 83 (DAY 83.084)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

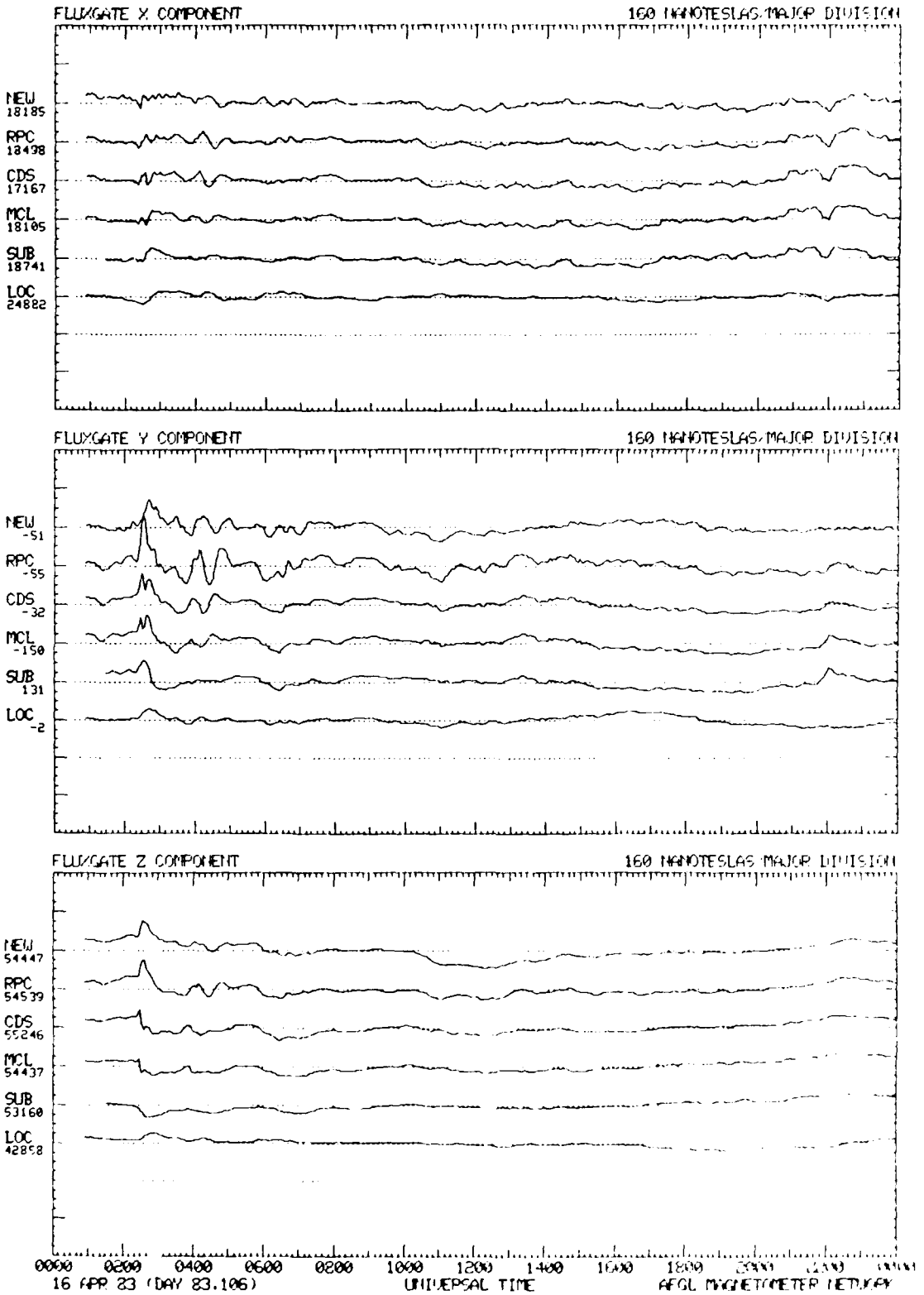

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
1817
RPC
18491
CDS
17152
MCL
18095
SUB
18727
LOC
24913
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-60
RPC
-64
CDS
-41
MCL
-120
SUB
118
LOC
0
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54427
RPC
54529
CDS
55249
MCL
54451
SUB
53177
LOC
42842
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
22 MAR 83 (DAY 83.087)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

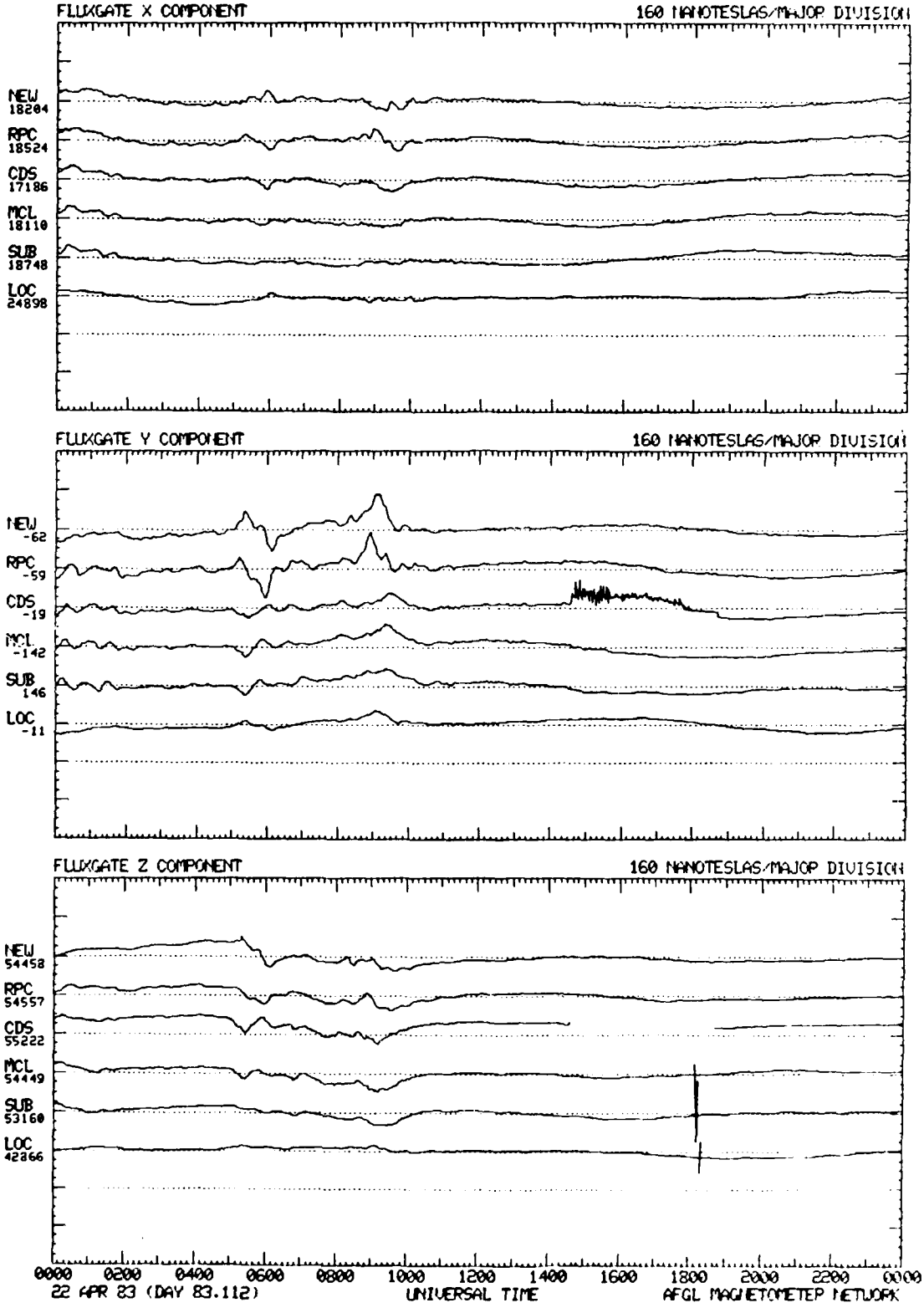

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18173
RPC
18486
CDS
17146
MCL
18083
SUB
18719
LOC
24897
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-58
RPC
-61
CDS
-33
MCL
-107
SUB
125
LOC
-2
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54463
RPC
54561
CDS
5528
MCL
54466
SUB
53189
LOC
42858
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 MAR 83 (DAY 83.088)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

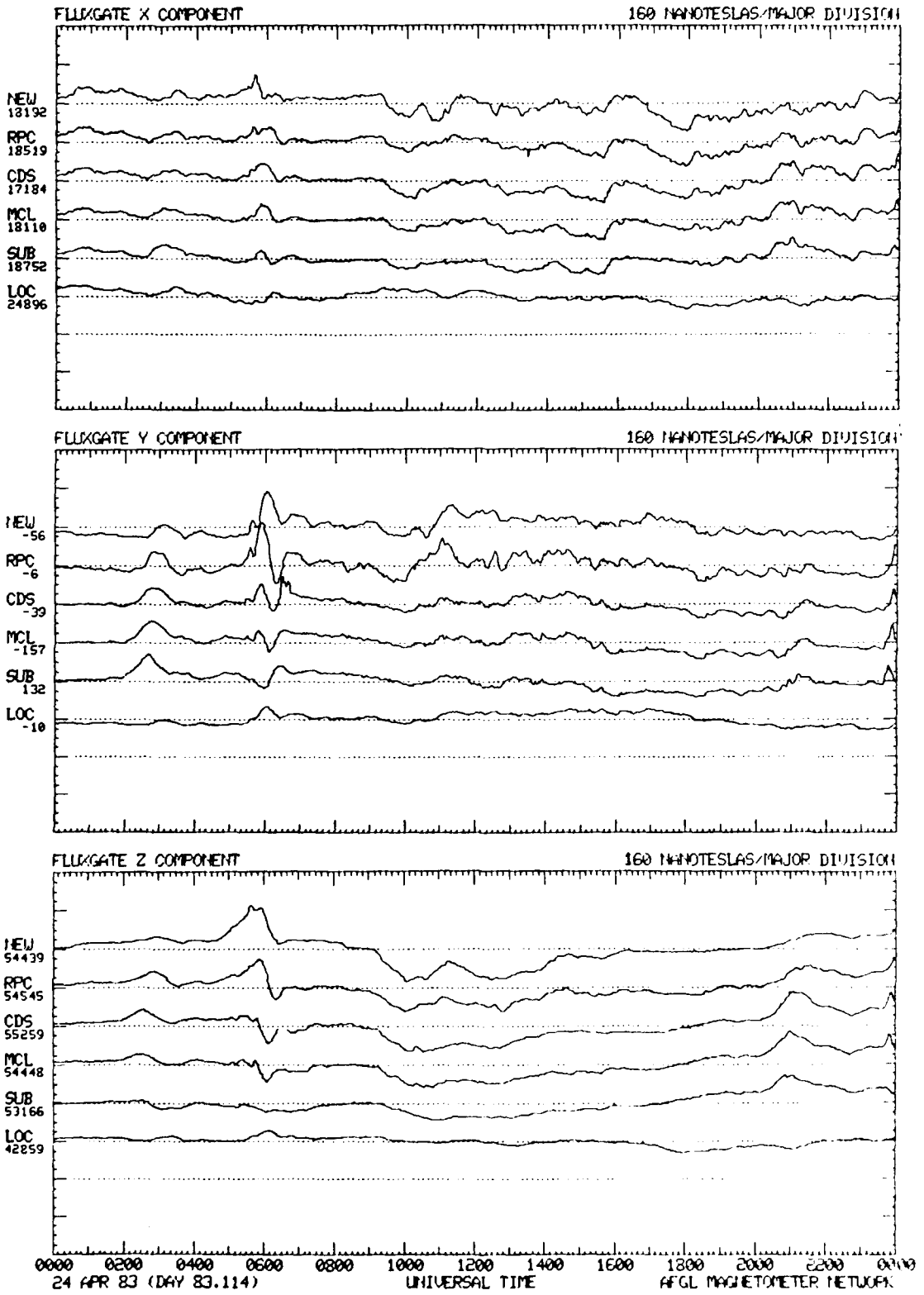

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18176
RPC 18501
CDS 17153
MCL 18092
SUB 18725
LOC 24902
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -45
RPC -50
CDS -28
MCL -109
SUB 120
LOC 5
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54449
RPC 54547
CDS 55254
MCL 54446
SUB 53171
LOC 42861
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
31 MAR 83 (DAY 83.090)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

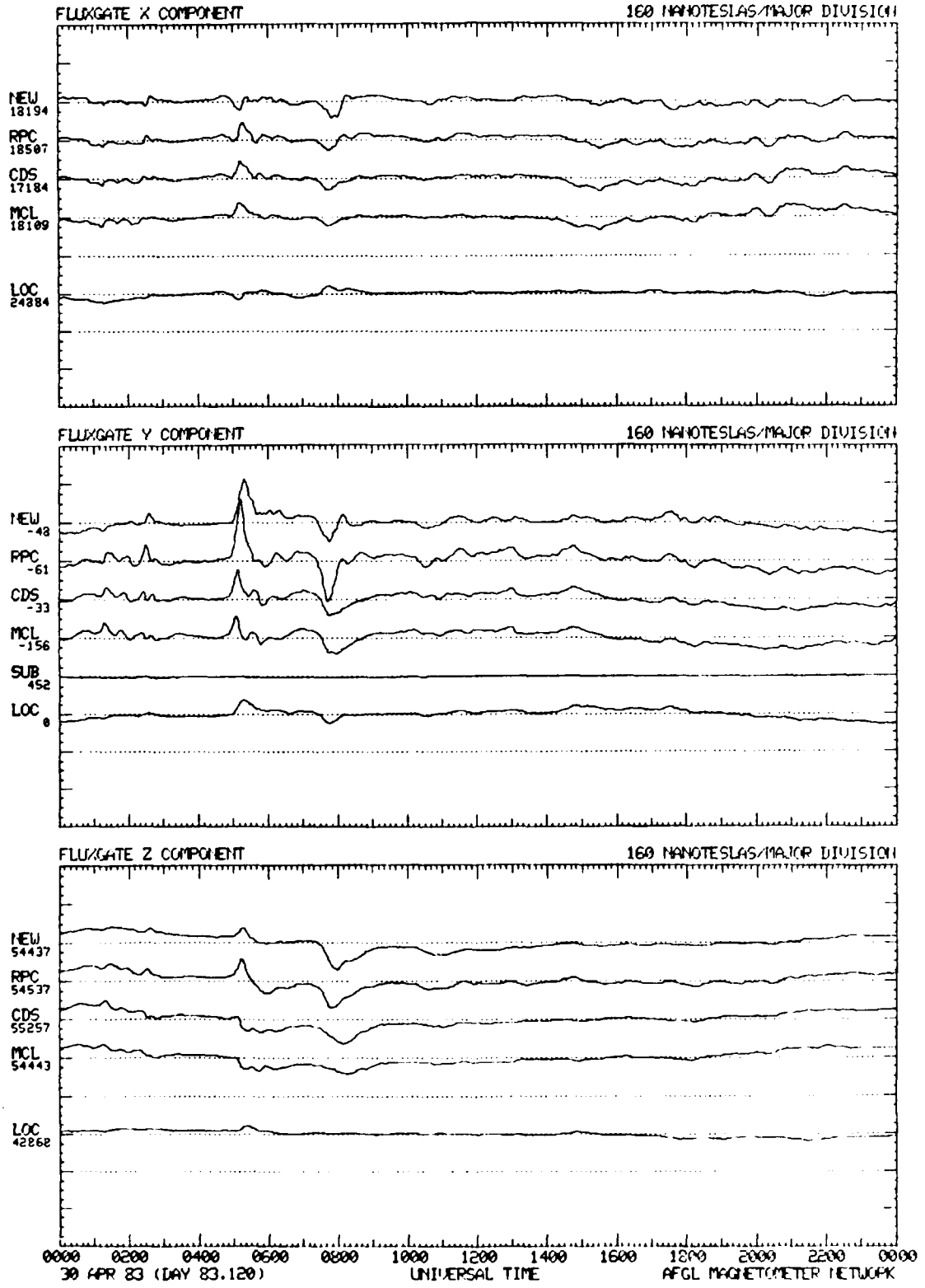

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18194
RPC
18514
CDS
17184
MCL
18120
SUB
18756
LOC
24907
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-61
RPC
-70
CDS
-40
MCL
-159
SUB
127
LOC
-7
FLUXGATE Z COMPONENT
160 NANOTESLAS MAJOR DIVISION
NEW
54427
RPC
54524
CDS
55231
MCL
54441
SUB
53169
LOC
42847
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
2400
13 APR 83 (DAY 83.103)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

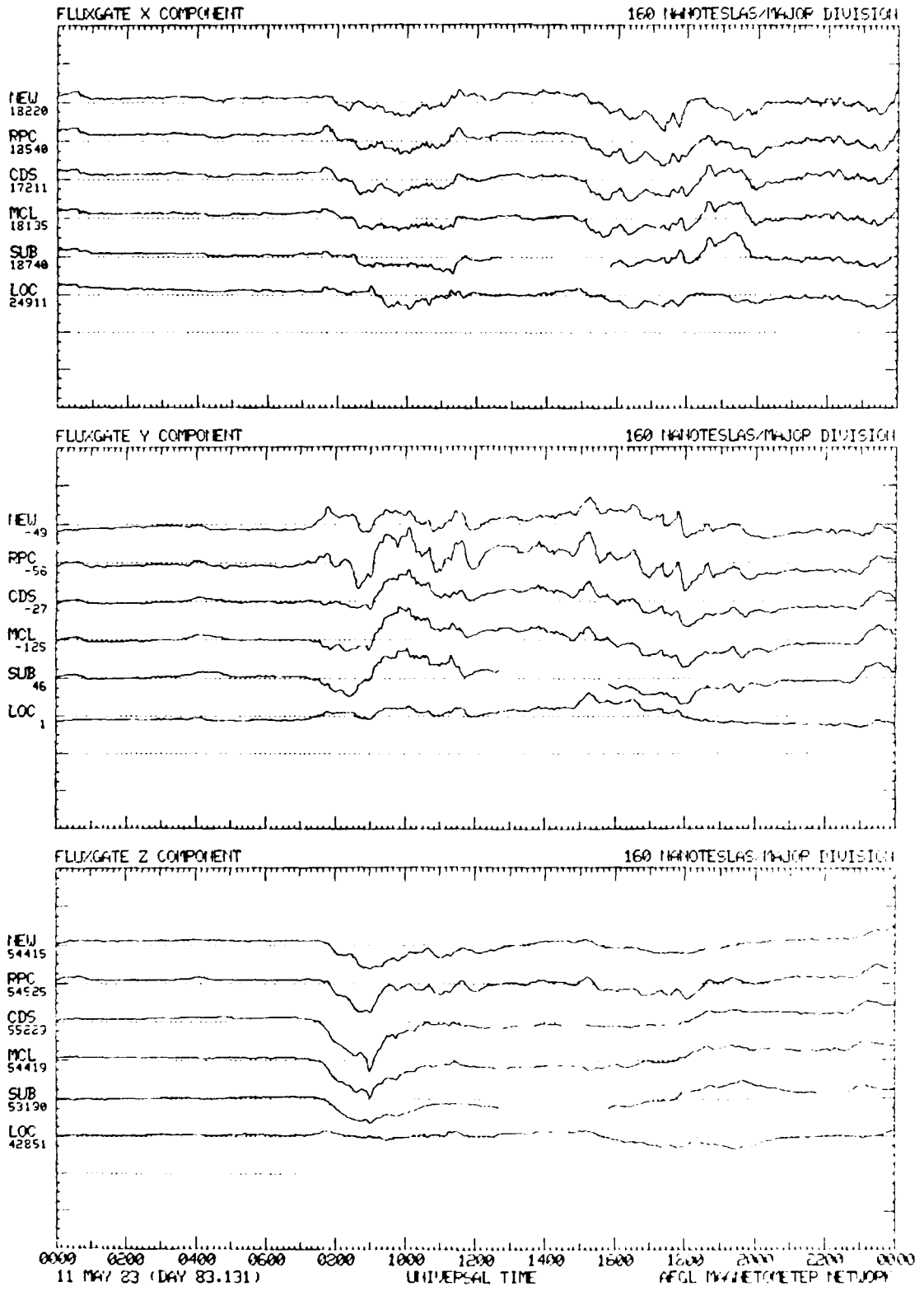

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18179
RPC
18486
CDS
17149
MCL
18086
SUB
1873
LOC
24878
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-59
RPC
-57
CDS
-28
MCL
-144
SUB
132
LOC
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54435
RPC
54537
CDS
55242
MCL
54435
SUB
53154
LOC
42860
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
15 APR 83 (DAY 83.105)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

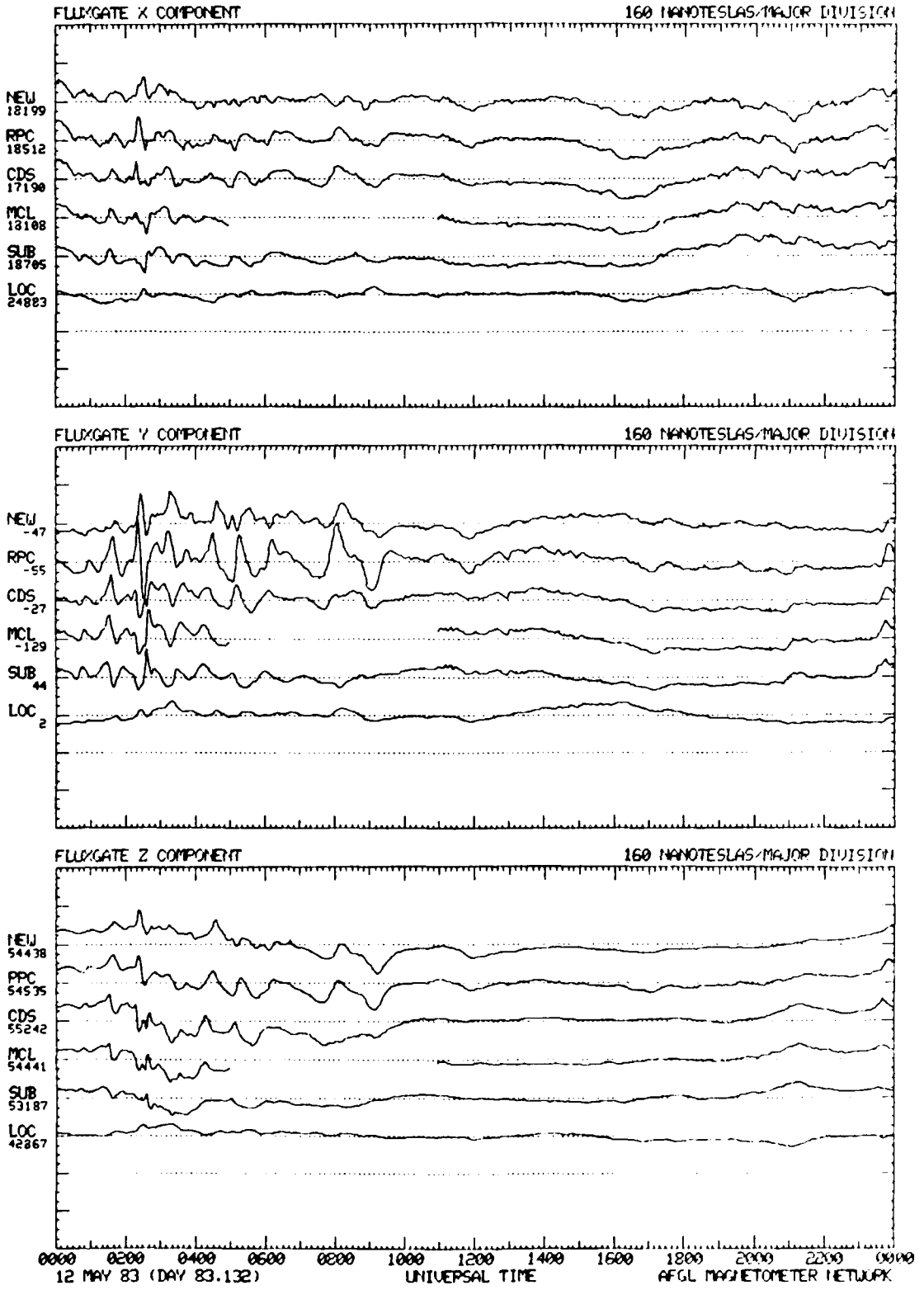

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18185
RPC
18498
CDS
17167
MCL
18105
SUB
18741
LOC
24882
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-51
RPC
-55
CDS
-32
MCL
-150
SUB
131
LOC
-2
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54447
RPC
54539
CDS
55246
MCL
54437
SUB
53160
LOC
42858
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800
16 APR 83 (DAY 83.106)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

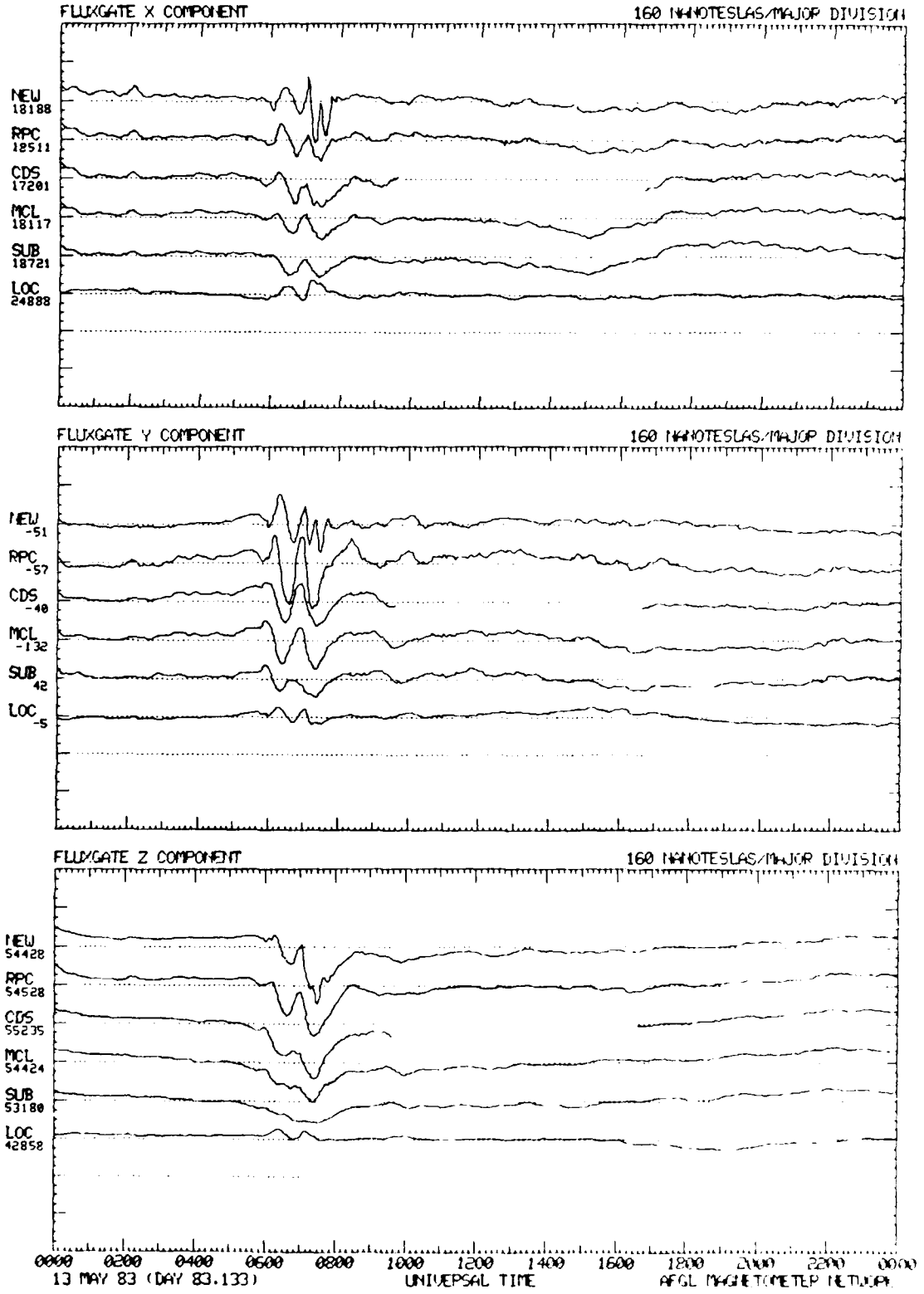

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18204
RPC 18524
CDS 17186
MCL 18110
SUB 18748
LOC 24898
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -62
RPC -59
CDS -19
MCL -142
SUB 146
LOC -11
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54458
RPC 54557
CDS 55222
MCL 54449
SUB 53160
LOC 42866
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 APR 83 (DAY 83.112)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

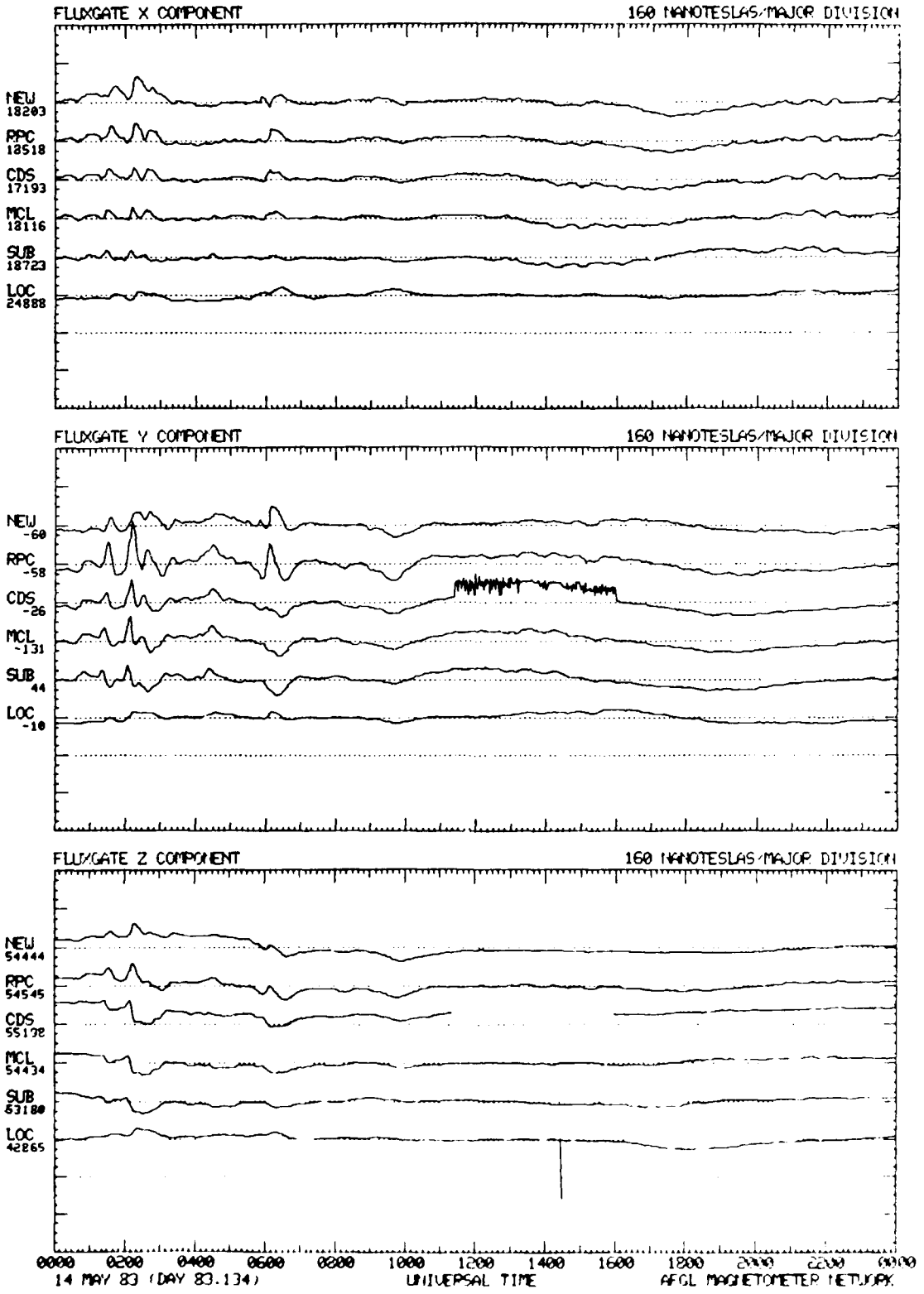

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 13192
RPC 18519
CDS 17184
MCL 18110
SUB 18752
LOC 24896
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -6
CDS -39
MCL -157
SUB 132
LOC -10
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54439
RPC 54545
CDS 55259
MCL 54448
SUB 53166
LOC 42859
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200
24 APR 83 (DAY 83.114)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

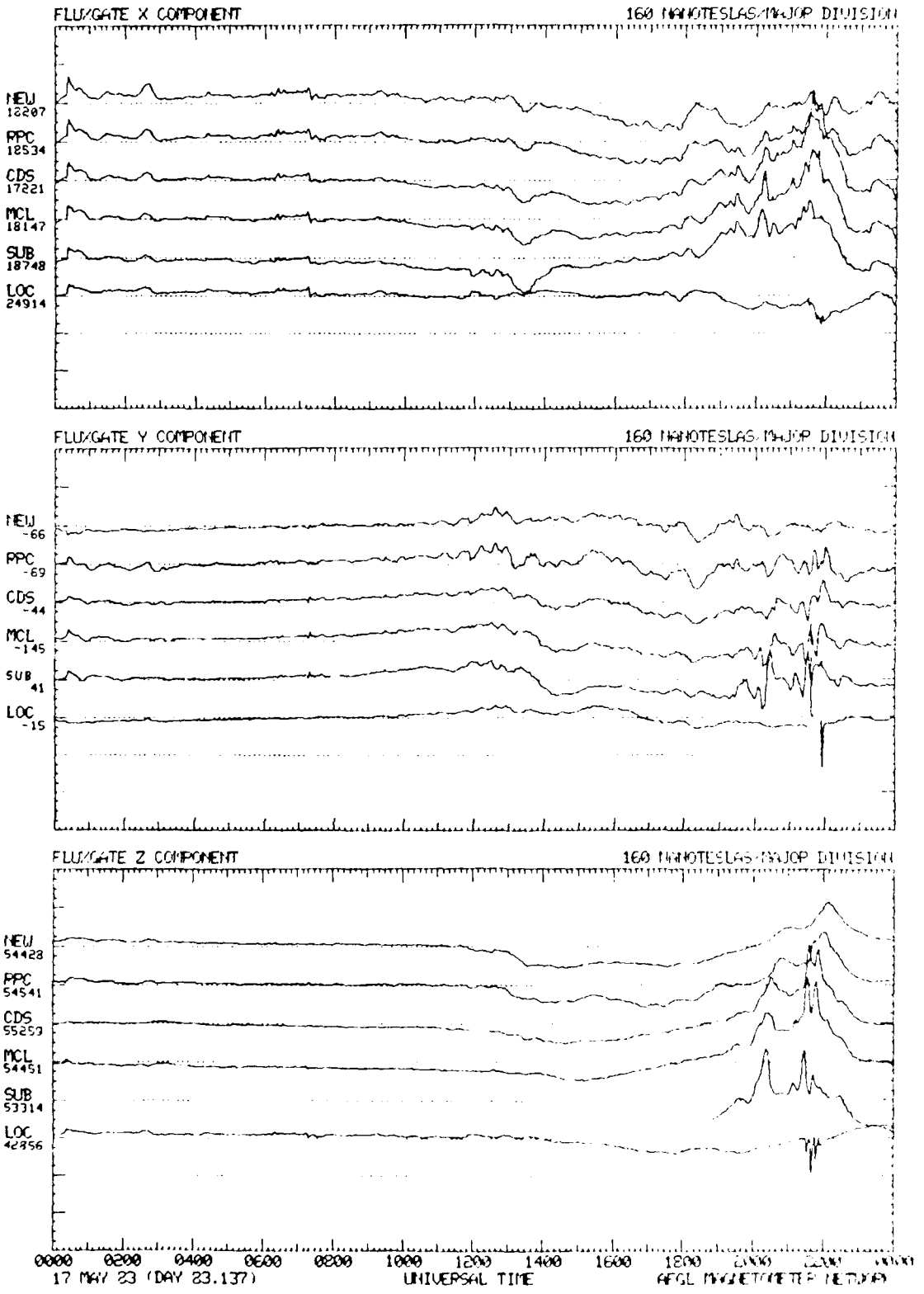

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18194
RPC 18507
CDS 17184
MCL 18109
LOC 24384
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -48
RPC -61
CDS -33
MCL -156
SUB 452
LOC 0
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54437
RPC 54537
CDS 55257
MCL 54443
LOC 42868
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 APR 83 (DAY 83.120)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

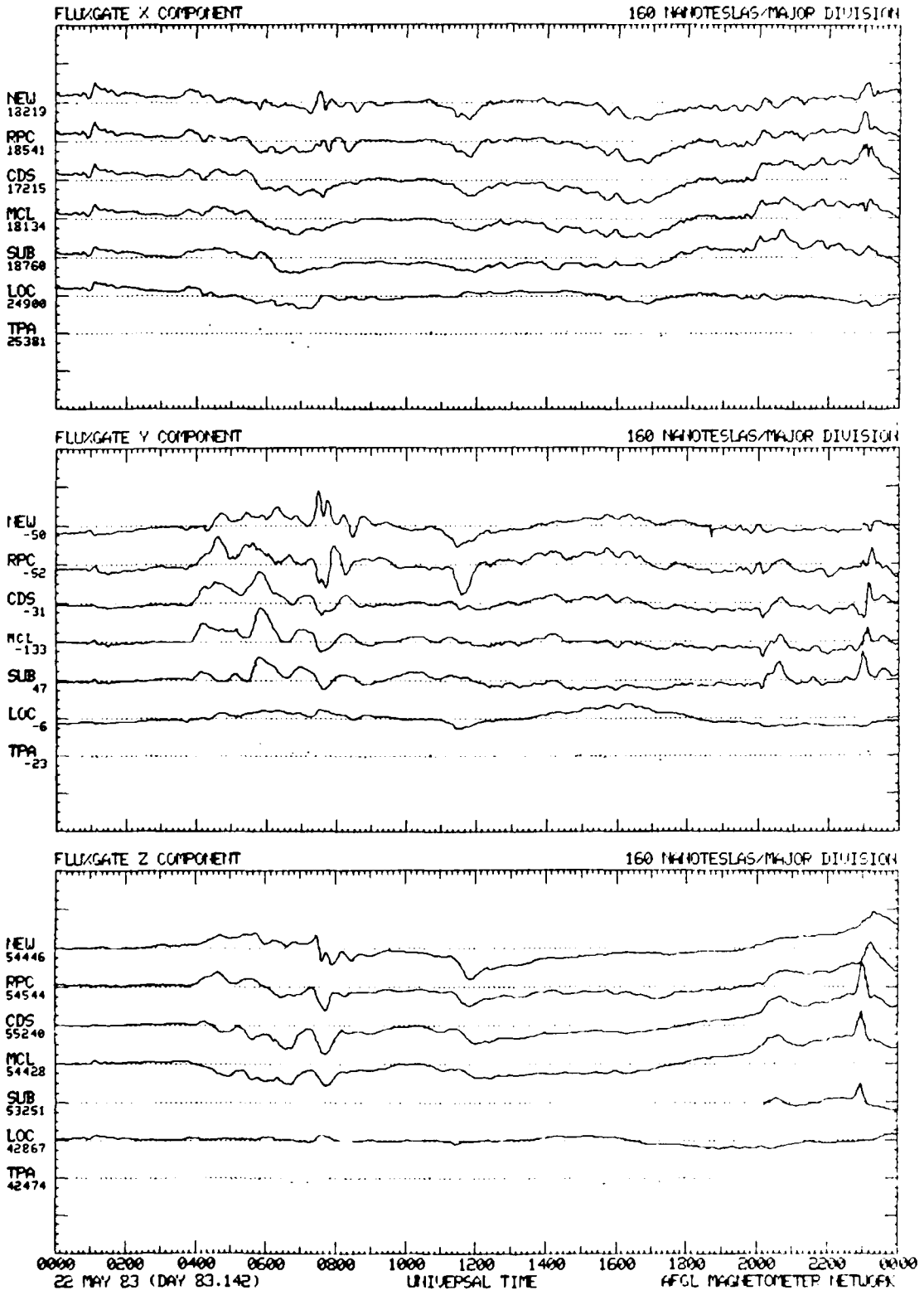

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18220
RPC
18540
CDS
17211
MCL
18135
SUB
18740
LOC
24911
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-49
RPC
-56
CDS
-27
MCL
-125
SUB
46
LOC
1
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54415
RPC
54525
CDS
55223
MCL
54419
SUB
53190
LOC
42851
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 MAY 83 (DAY 83.131)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

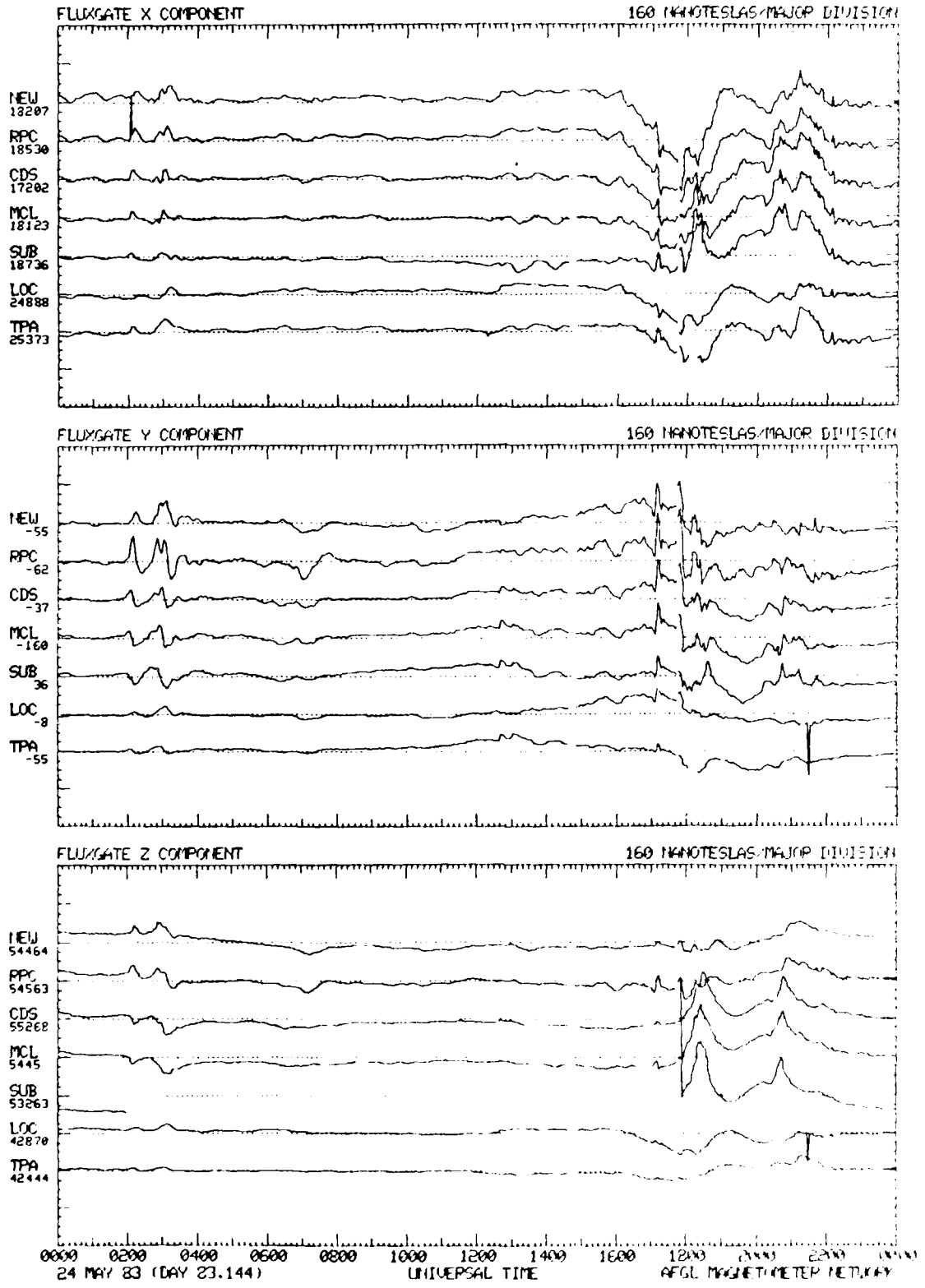

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18199
RPC 18512
CDS 17190
MCL 18108
SUB 18705
LOC 24883
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -47
RPC -55
CDS -27
MCL -129
SUB 44
LOC 2
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54438
PPC 54535
CDS 55242
MCL 54441
SUB 53187
LOC 42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 MAY 83 (DAY 83.132)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

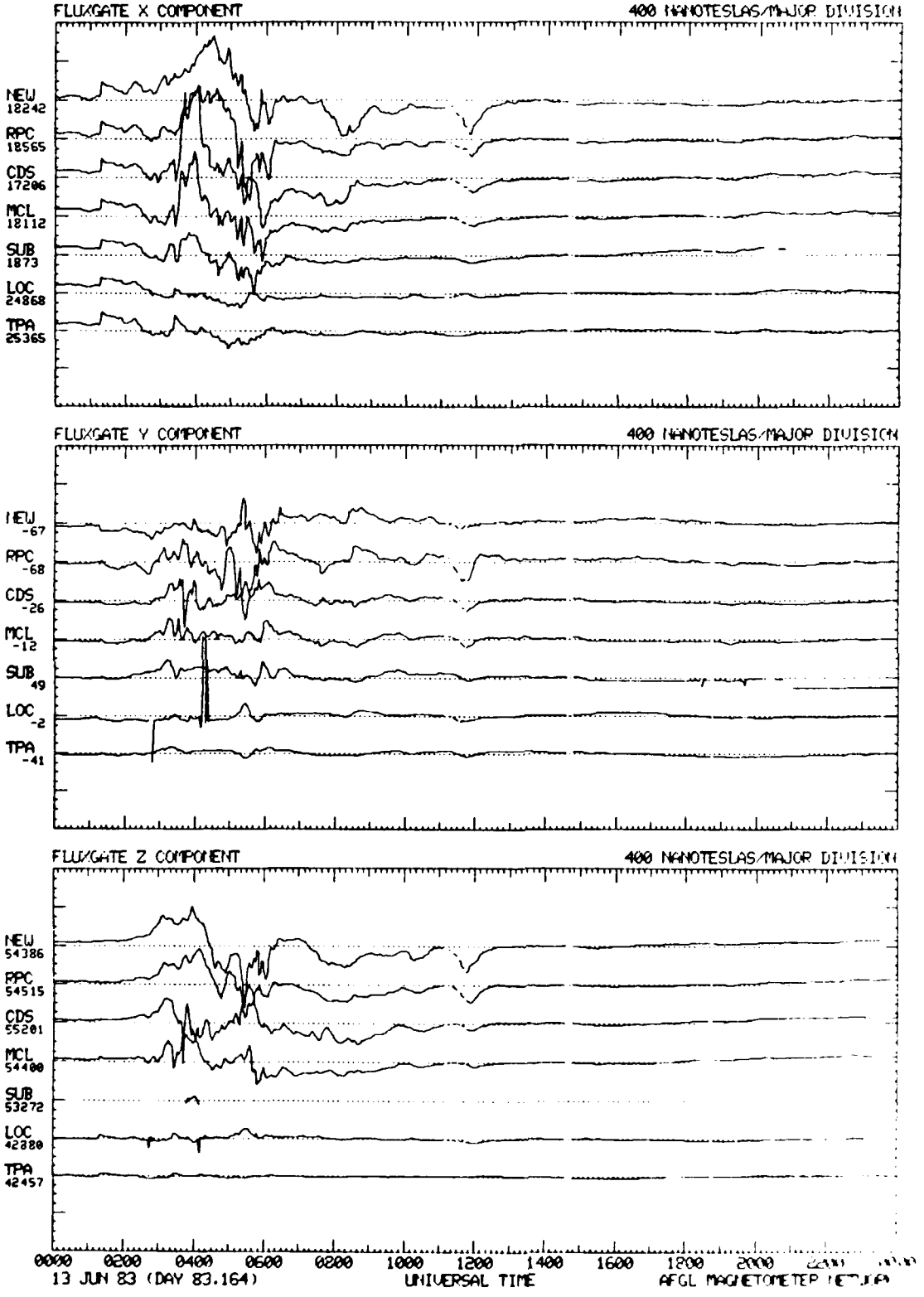

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18188
RPC 18511
CDS 17201
MCL 18117
SUB 18721
LOC 24888
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -51
RPC -57
CDS -40
MCL -132
SUB 42
LOC -5
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54428
RPC 54528
CDS 55235
MCL 54424
SUB 53180
LOC 42858
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 MAY 83 (DAY 83.133)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

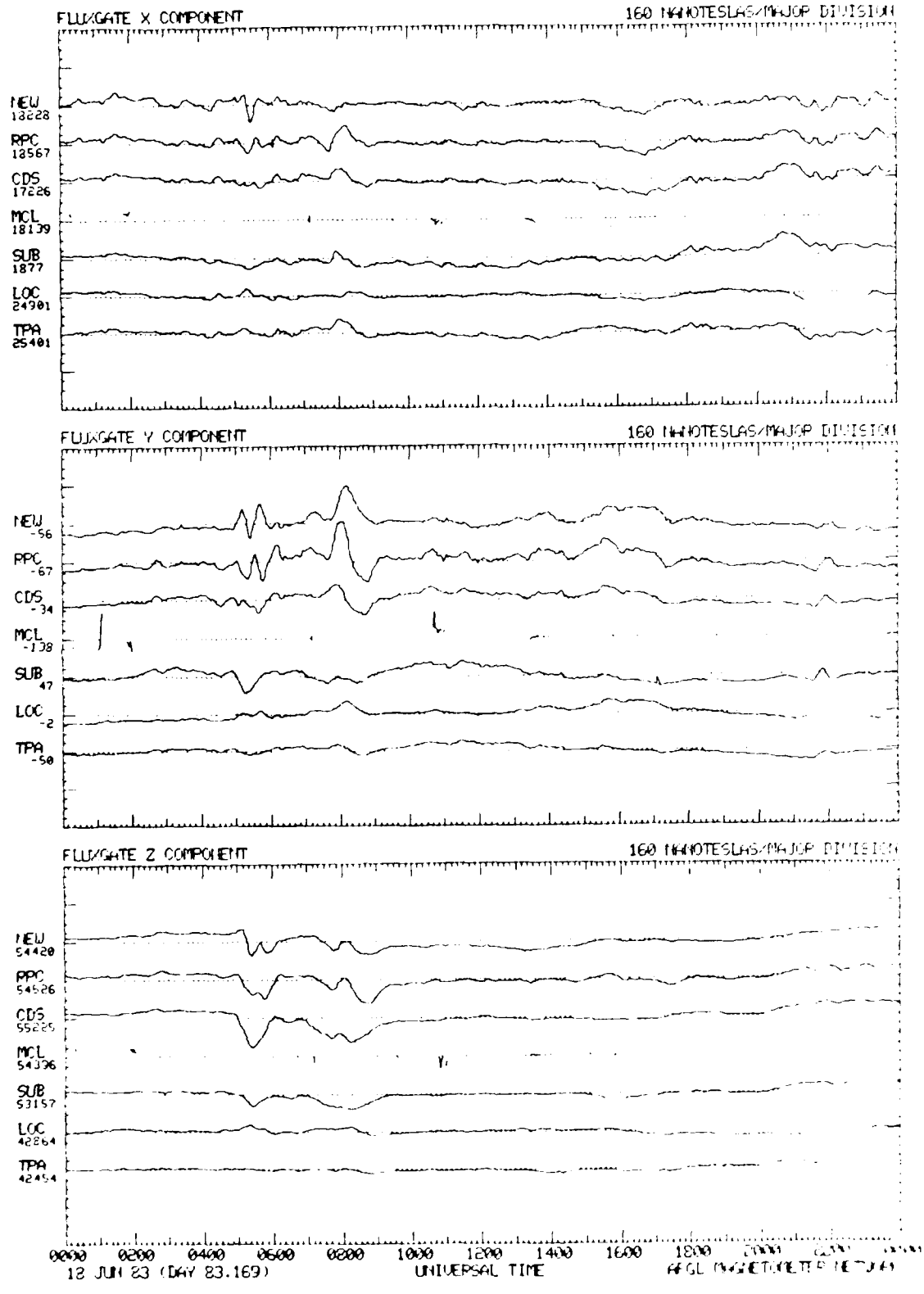

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18203
RPC 18518
CDS 17193
MCL 18116
SUB 18723
LOC 24888
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -60
RPC -58
CDS -26
MCL -131
SUB 44
LOC -10
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54444
RPC 54545
CDS 55198
MCL 54434
SUB 53180
LOC 42865
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 MAY 83 (DAY 83.134)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

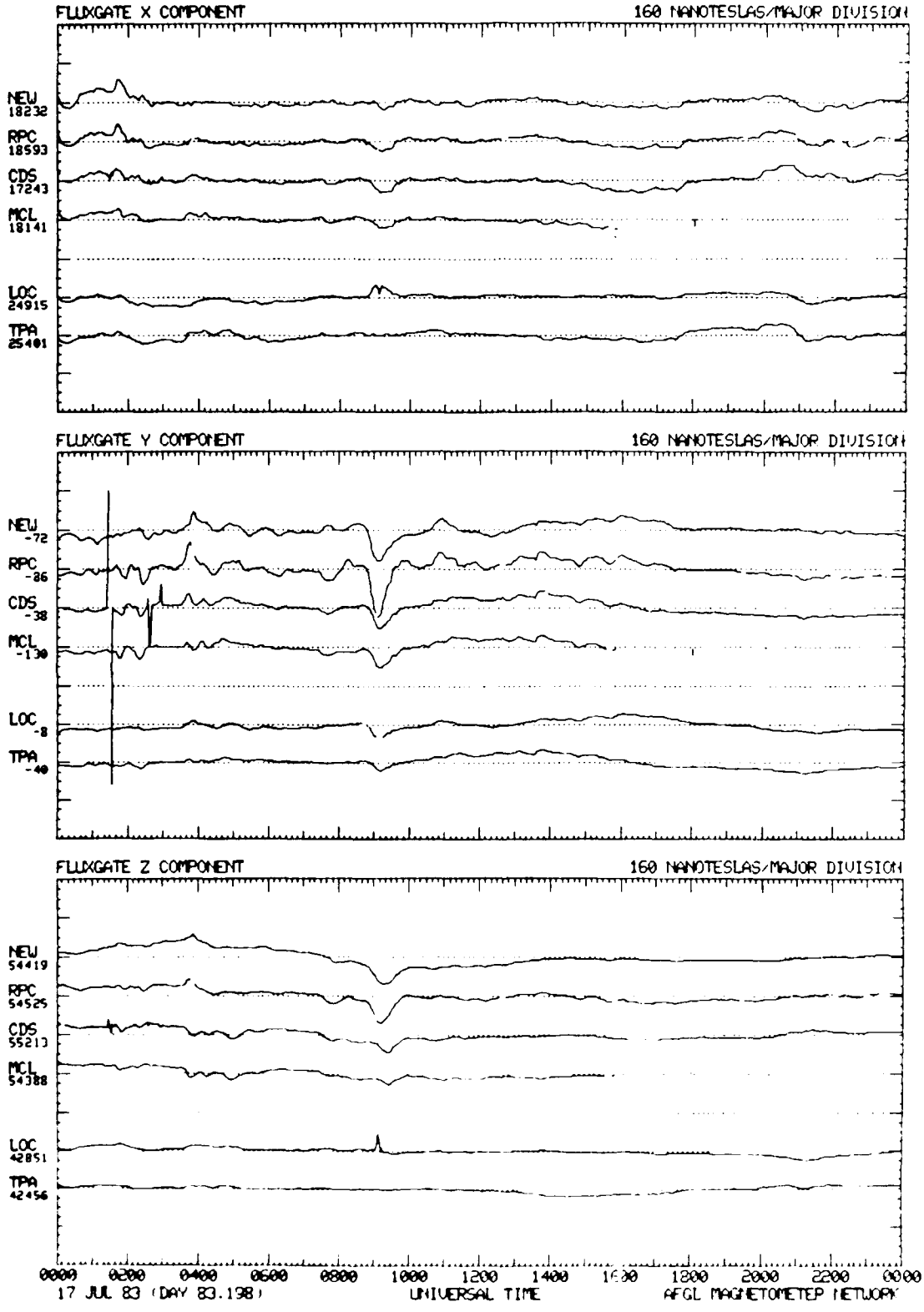

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18207
PPC
18534
CDS
17221
MCL
18147
SUB
18748
LOC
24914
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-66
PPC
-69
CDS
-44
MCL
-145
SUB
41
LOC
-15
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54428
PPC
54541
CDS
55259
MCL
54451
SUB
53314
LOC
42856
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
17 MAY 83 (DAY 83.137)
UNIVERSAL TIME

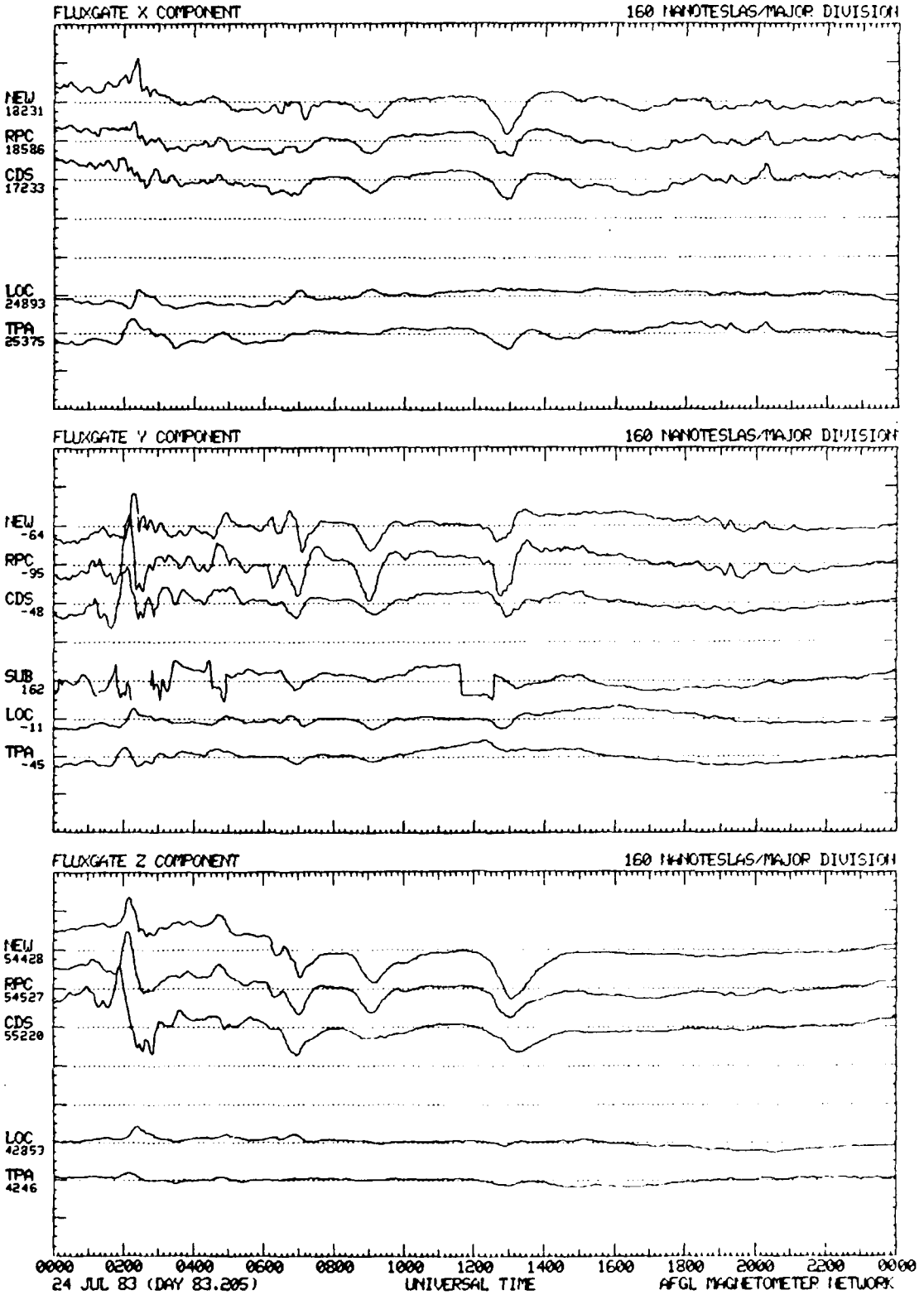

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18219
RPC 18541
CDS 17215
MCL 18134
SUB 18760
LOC 24900
TPA 25381
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -50
RPC -52
CDS -31
MCL -133
SUB 47
LOC -6
TPA -23
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54446
RPC 54544
CDS 55240
MCL 54428
SUB 53251
LOC 42867
TPA 42474
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 MAY 83 (DAY 83.142)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

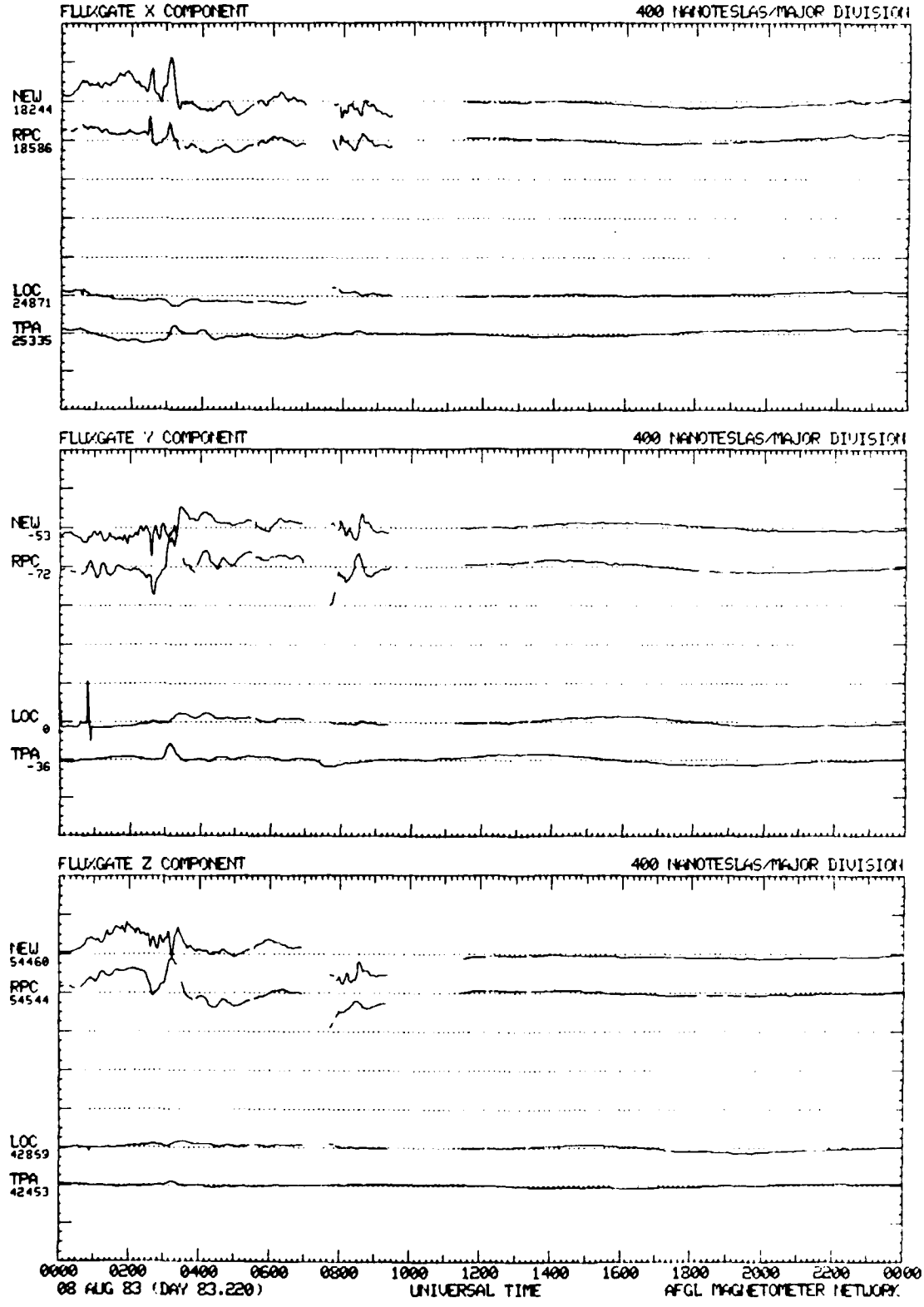

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 13207
RPC 18530
CDS 17202
MCL 18123
SUB 18736
LOC 24888
TPA 25373
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -55
RPC -62
CDS -37
MCL -160
SUB 36
LOC -8
TPA -55
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54464
RPC 54563
CDS 55268
MCL 5445
SUB 53263
LOC 42870
TPA 42444
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000
24 MAY 83 (DAY 23.144)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

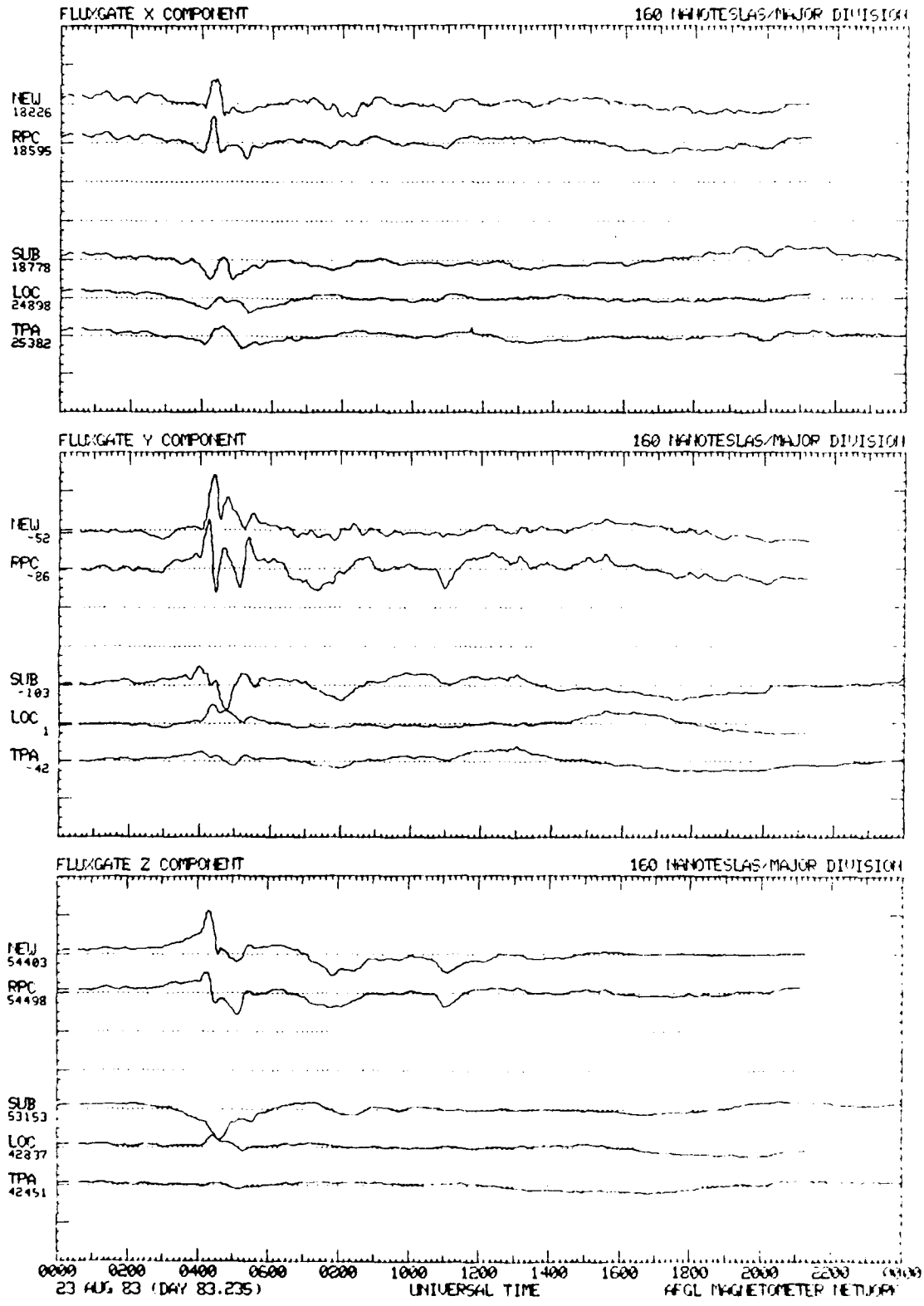

FLUXGATE X COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW 18242
RPC 18565
CDS 17206
MCL 18112
SUB 1873
LOC 24868
TPA 25365
FLUXGATE Y COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW -67
RPC -68
CDS -26
MCL -12
SUB 49
LOC -2
TPA -41
FLUXGATE Z COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW 54386
RPC 54515
CDS 55201
MCL 54400
SUB 53272
LOC 42380
TPA 42457
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000
13 JUN 83 (DAY 83.164)
UNIVERSAL TIME
AFGL MAGNETOMETER

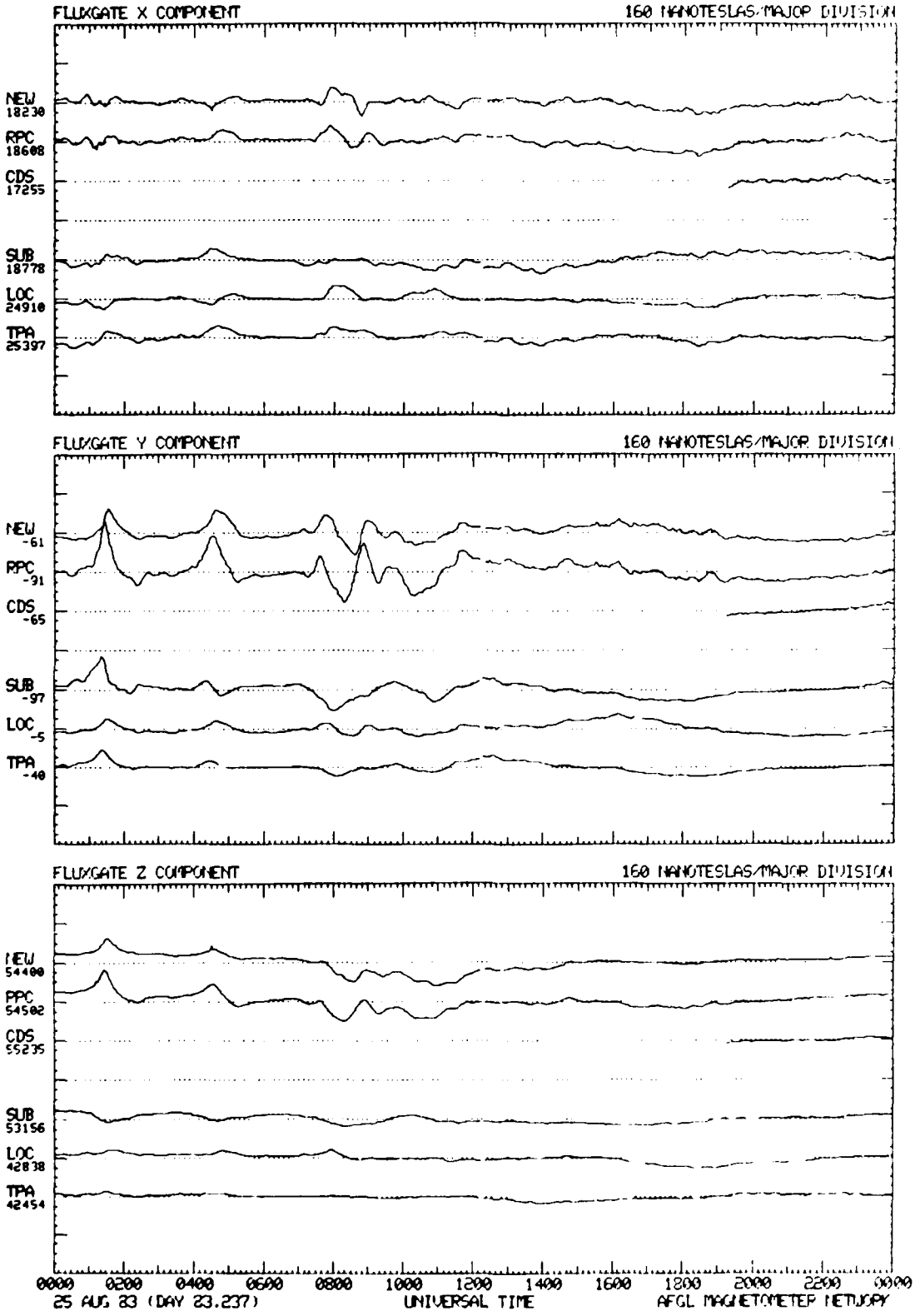

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18228
RPC 18567
CDS 17226
MCL 18139
SUB 1877
LOC 24901
TPA 25401
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -56
RPC -67
CDS -34
MCL -138
SUB 47
LOC -2
TPA -50
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54420
RPC 54526
CDS 55225
MCL 54396
SUB 53157
LOC 42864
TPA 42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800
12 JUN 83 (DAY 83.169)
UNIVERSAL TIME

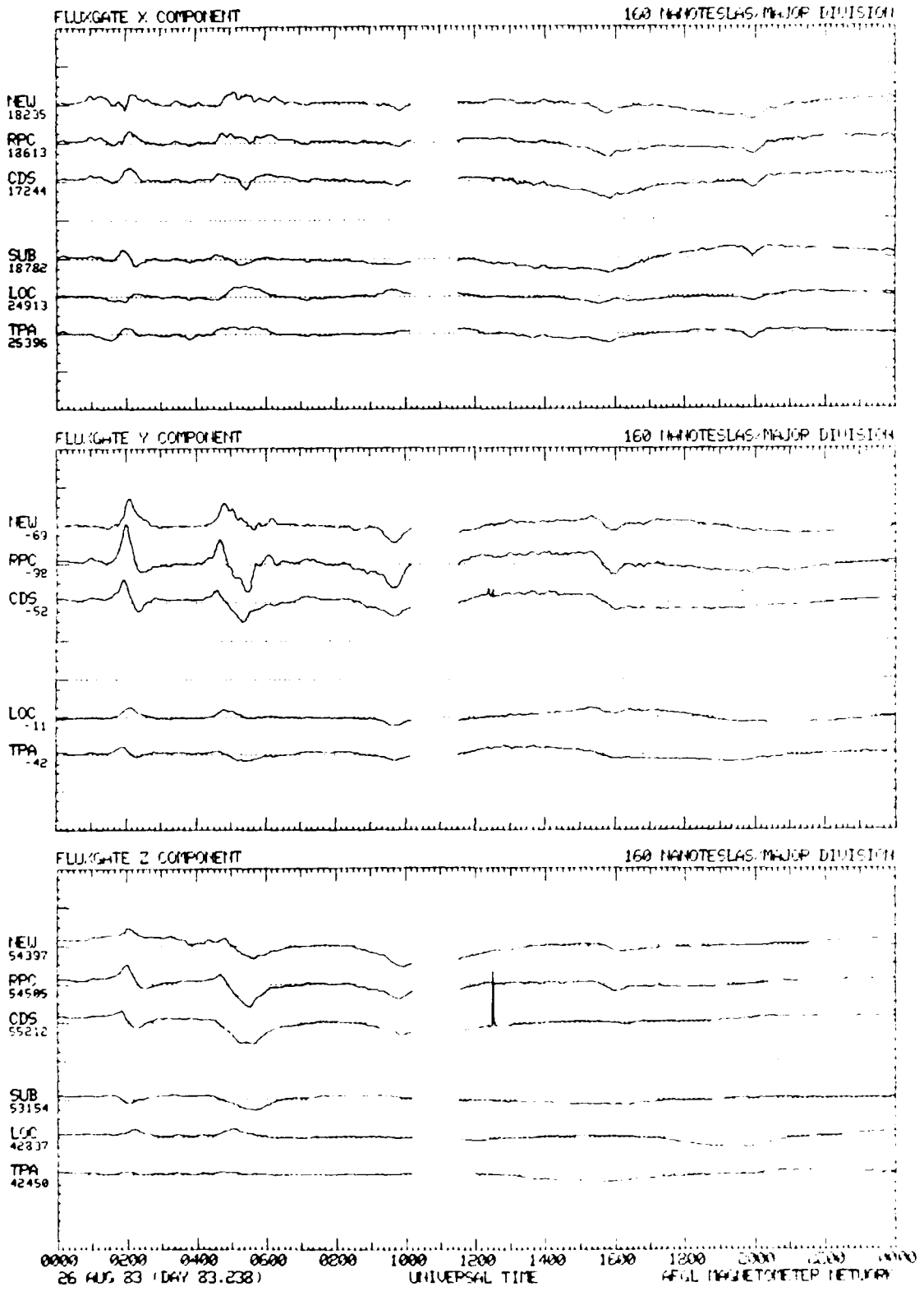

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18232
RPC 18593
CDS 17243
MCL 18141
LOC 24915
TPA 25401
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW -72
RPC -86
CDS -38
MCL -130
LOC -8
TPA -40
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54419
RPC 54525
CDS 55213
MCL 54388
LOC 42851
TPA 42456
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 JUL 83 (DAY 83.198)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

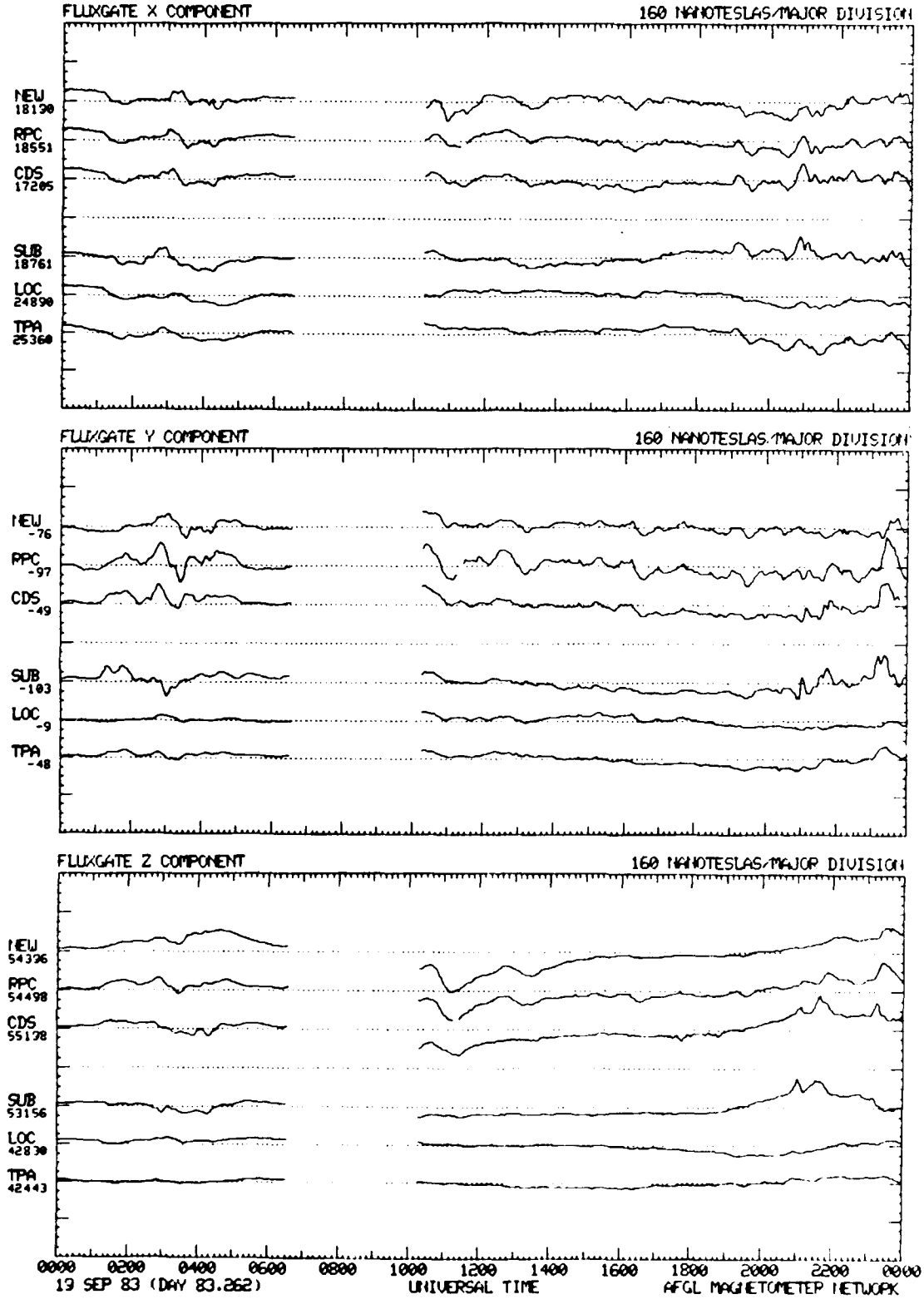

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18231
RPC
18586
CDS
17233
LOC
24893
TPA
25375
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-64
RPC
-95
CDS
-48
SUB
162
LOC
-11
TPA
-45
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54428
RPC
54527
CDS
55220
LOC
42853
TPA
4246
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 JUL 83 (DAY 83.205)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

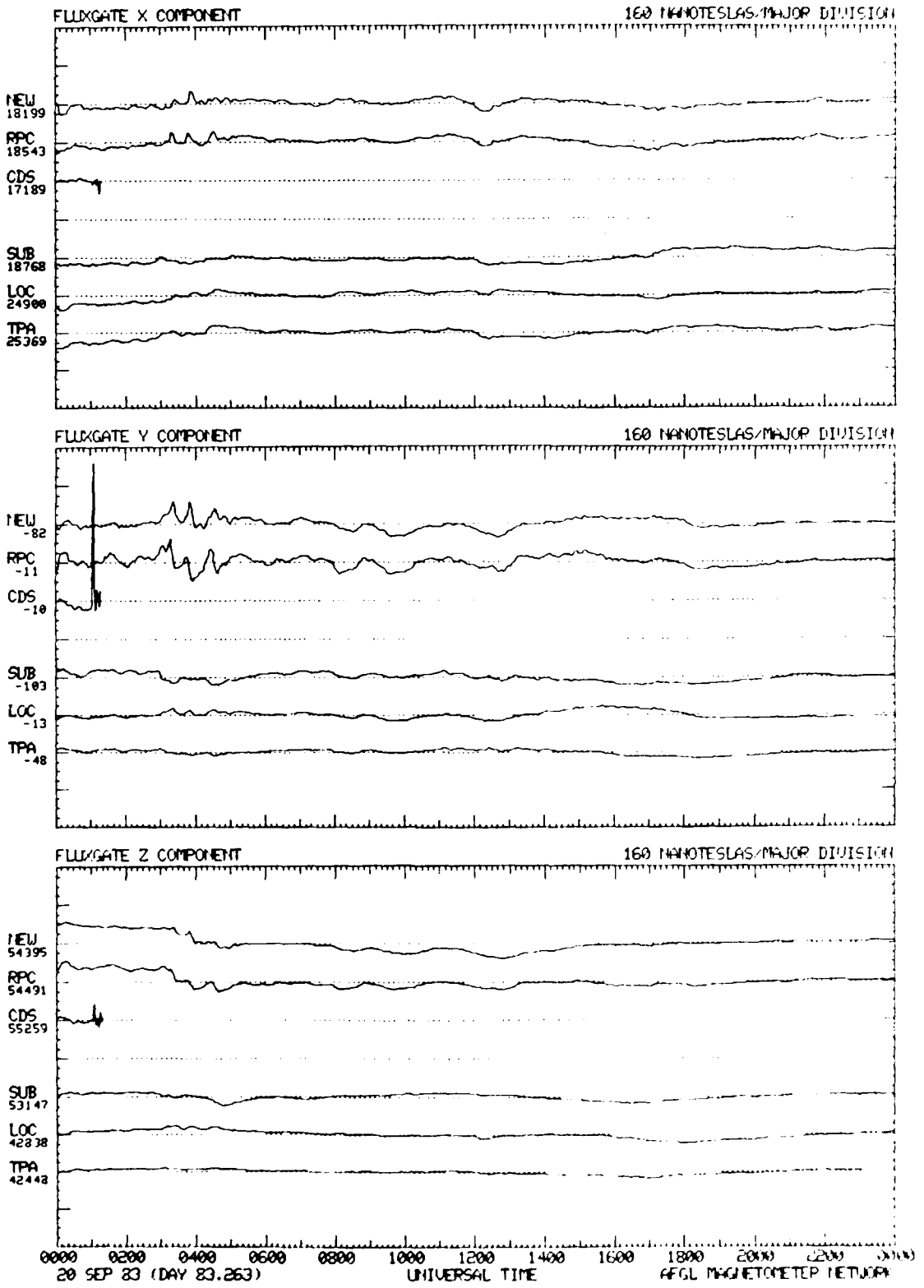

FLUXGATE X COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
18244
RPC
18586
LOC
24871
TPA
25335
FLUXGATE Y COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
-53
RPC
-72
LOC
0
TPA
-36
FLUXGATE Z COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
54460
RPC
54544
LOC
42859
TPA
42453
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 AUG 83 (DAY 83.220)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

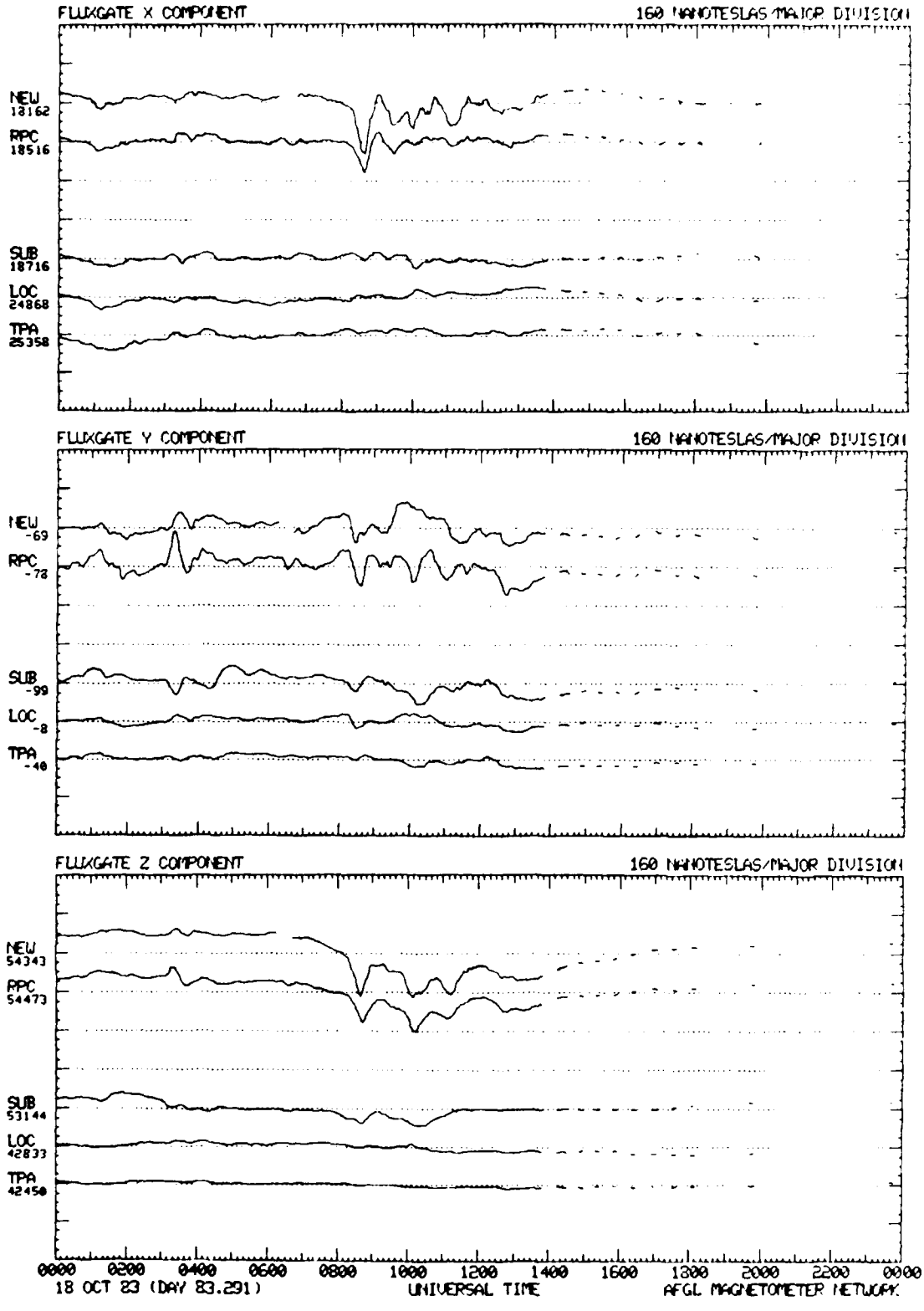

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18226
RPC
18595
SUB
18778
LOC
24898
TPA
25382
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-52
RPC
-86
SUB
-103
LOC
1
TPA
-42
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54403
RPC
54498
SUB
53153
LOC
42837
TPA
42451
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200
23 AUG 83 (DAY 83.235)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

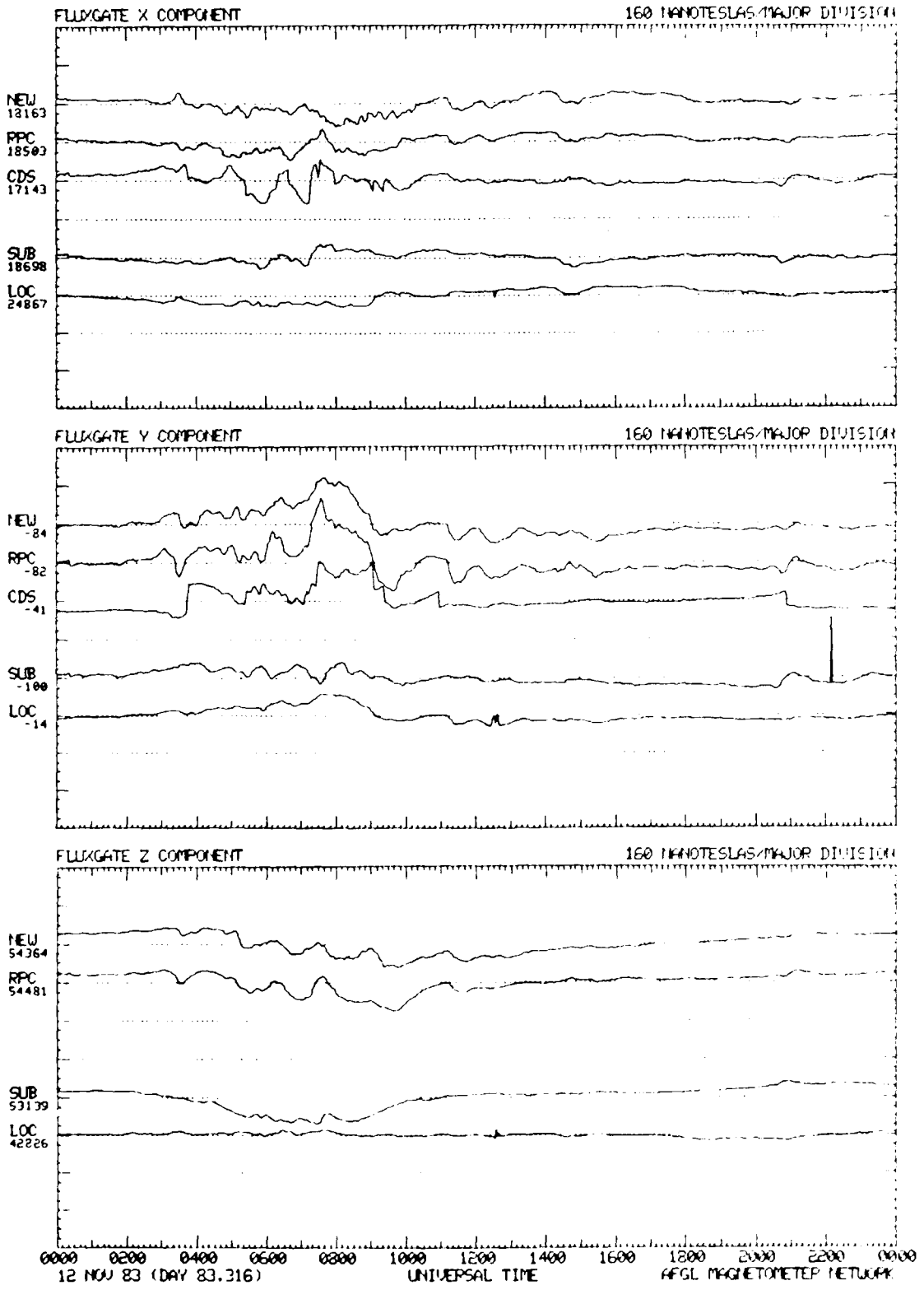

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18230
RPC
18608
CDS
17255
SUB
18778
LOC
24910
TPA
25397
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-61
RPC
-91
CDS
-65
SUB
-97
LOC
-5
TPA
-40
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54400
RPC
54502
CDS
55235
SUB
53156
LOC
42838
TPA
42454
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 AUG 83 (DAY 237)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

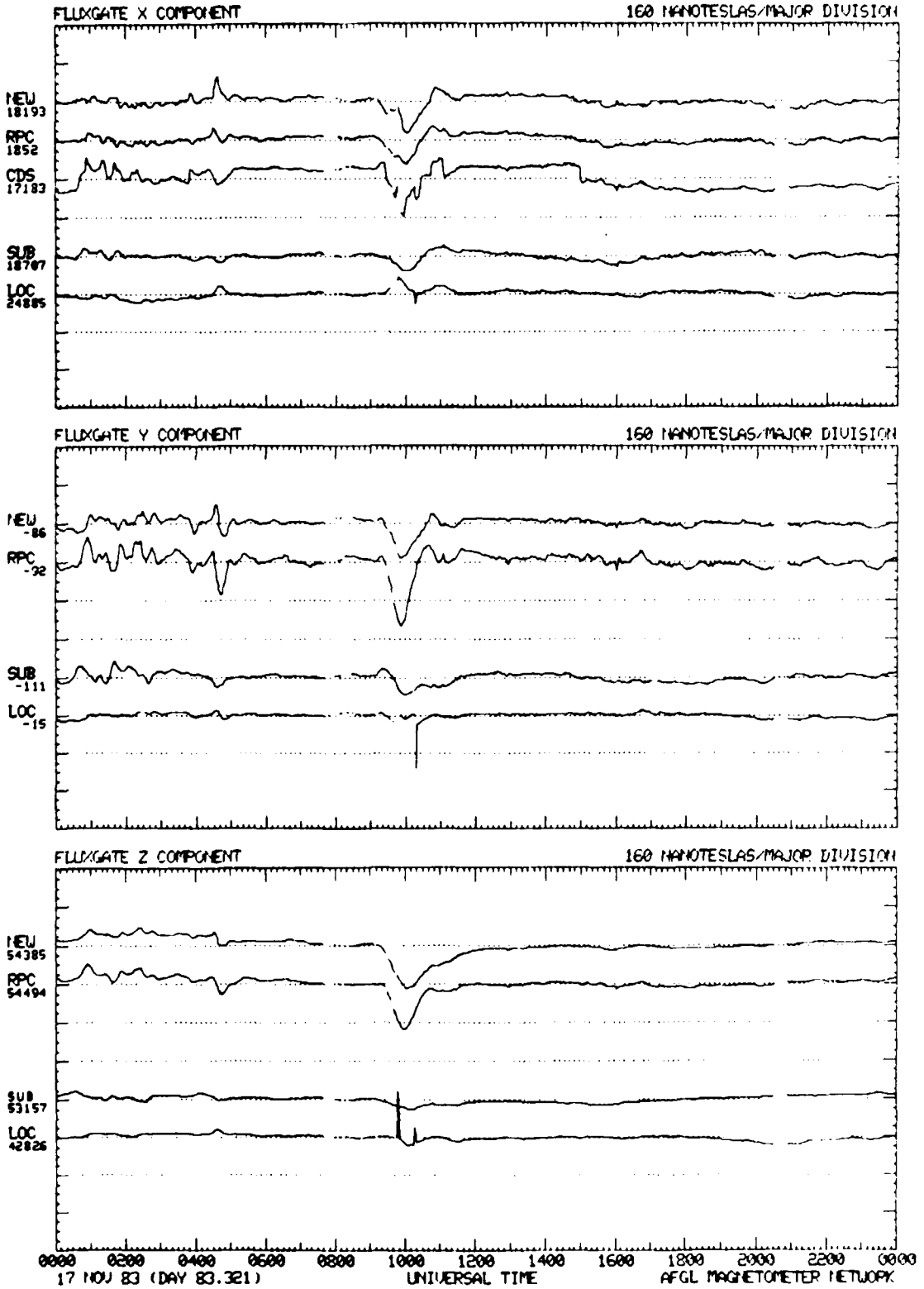

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18235
RPC
18613
CDS
17244
SUB
18782
LOC
24913
TPA
25396
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-69
RPC
-92
CDS
-62
LOC
-11
TPA
-42
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54397
RPC
54595
CDS
55212
SUB
53154
LOC
42837
TPA
42450
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
26 AUG 83 (DAY 83.238)
UNIVERSAL TIME

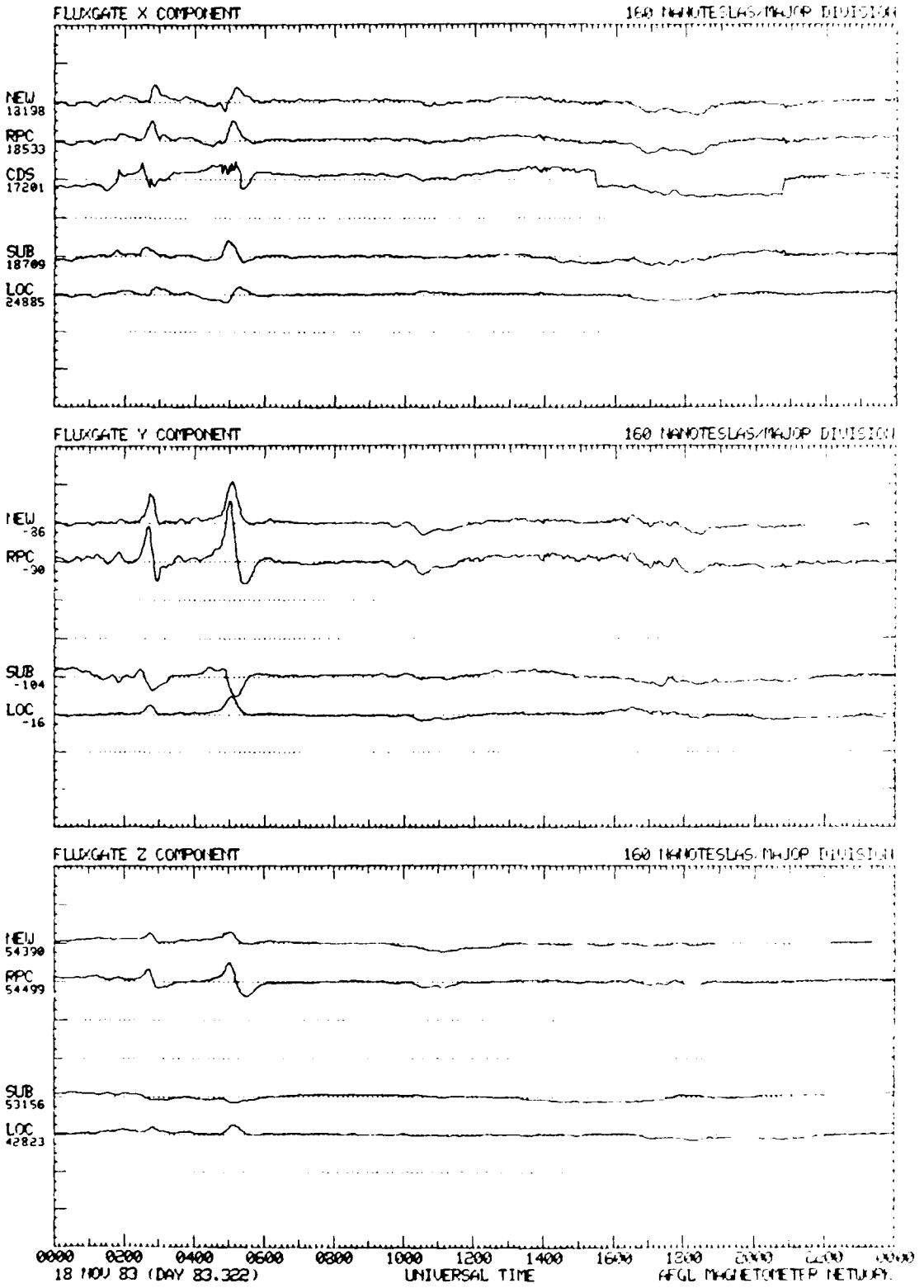

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18130
RPC
18551
CDS
17205
SUB
18761
LOC
24890
TPA
25360
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-76
RPC
-97
CDS
-49
SUB
-103
LOC
-9
TPA
-48
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54396
RPC
54498
CDS
55198
SUB
53156
LOC
42830
TPA
42443
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 SEP 83 (DAY 83.262)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

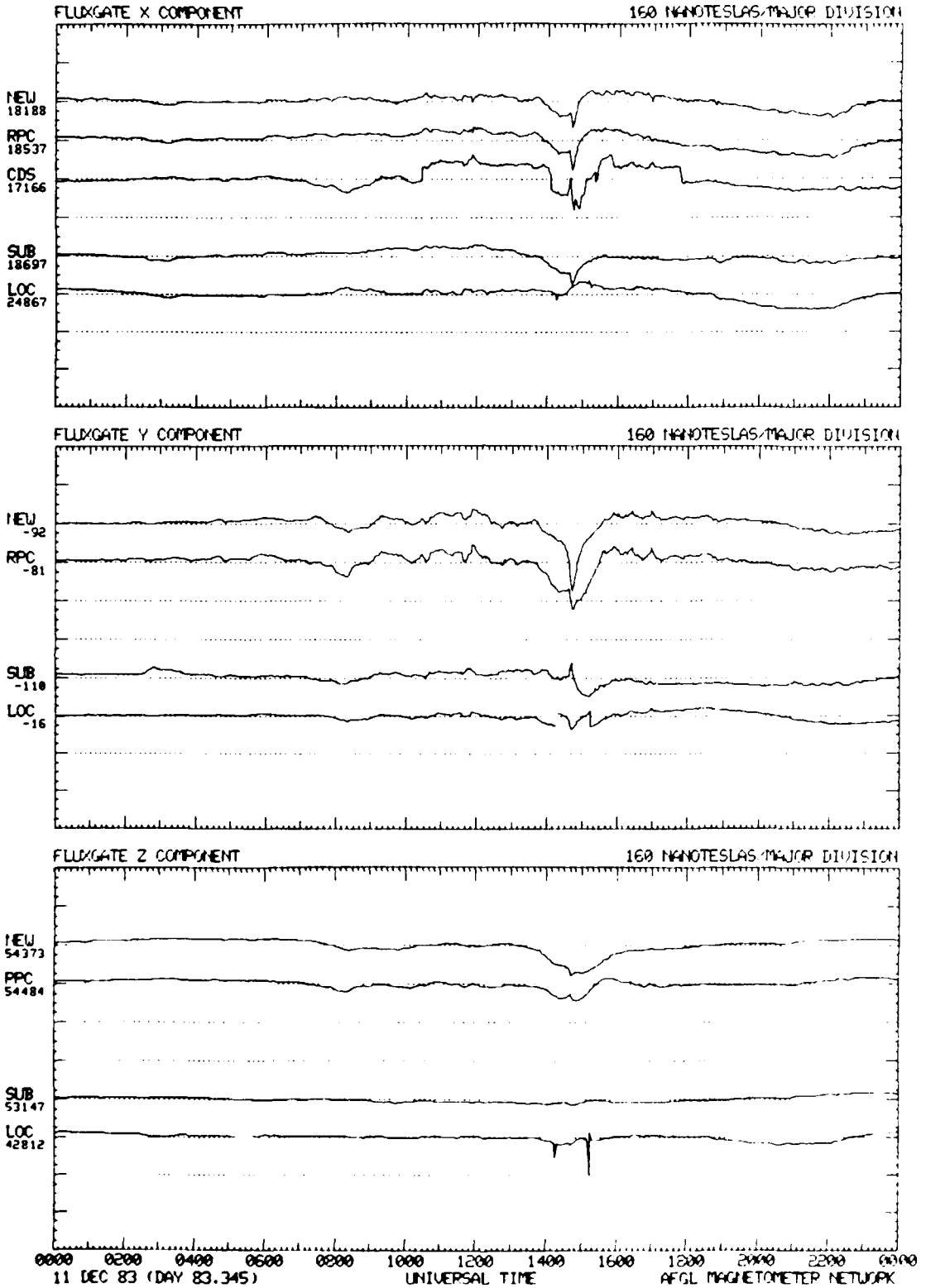

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18199
RPC
18543
CDS
17189
SUB
18768
LOC
24900
TPA
25369
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-82
RPC
-11
CDS
-10
SUB
-103
LOC
-13
TPA
-48
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54395
RPC
54491
CDS
55259
SUB
53147
LOC
42838
TPA
42448
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
20 SEP 83 (DAY 83.263)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18162
RPC
18516
SUB
18716
LOC
24868
TPA
25358
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-69
RPC
-78
SUB
-99
LOC
-8
TPA
-40
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54343
RPC
54473
SUB
53144
LOC
42833
TPA
42458
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 OCT 83 (DAY 83.291)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18163
RPC
18503
CDS
17143
SUB
18698
LOC
24867
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-84
RPC
-82
CDS
-41
SUB
-100
LOC
-14
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54364
RPC
54481
SUB
53139
LOC
42826
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 NOV 83 (DAY 83.316)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18193
RPC
1852
CDS
17183
SUB
18707
LOC
24885
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-86
RPC
-32
SUB
-111
LOC
-15
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54385
RPC
54494
SUB
53157
LOC
42826
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 NOV 83 (DAY 83.321)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
13198
RPC
18533
CDS
17201
SUB
18709
LOC
24885
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-36
RPC
-90
SUB
-104
LOC
-16
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54390
RPC
54499
SUB
53156
LOC
42823
0000
0200
0400
0600
0800
1000
1200
1400
1600
18 NOV 83 (DAY 83.322)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18188
RPC
18537
CDS
17166
SUB
18697
LOC
24867
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
-92
RPC
-81
SUB
-110
LOC
-16
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54373
PPC
54484
SUB
53147
LOC
42812
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 DEC 83 (DAY 83.345)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

END

12-86

DTIC