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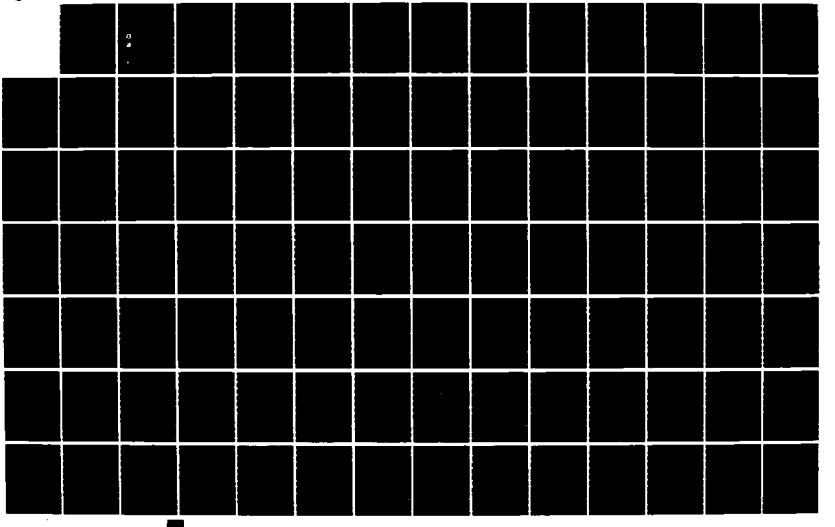

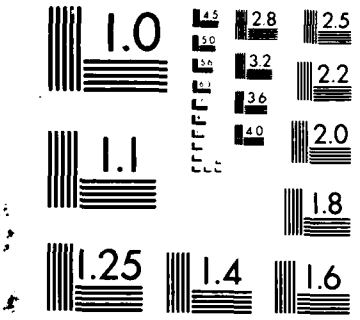

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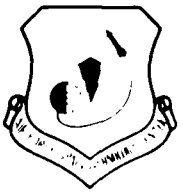
Daily Magnetograms for 1981 From the AFGL Network

DAVID J. KNECHT

AD-A173 958



28 February 1985

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SPACE PHYSICS DIVISION PROJECT 7601
AIR FORCE GEOPHYSICS LABORATORY
HANSCOM AFB, MA 01731

"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 1981. 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 2-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 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 fourth 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 work. 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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Daily Magnetograms for 1981 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 1981 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 10 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 25 February 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.

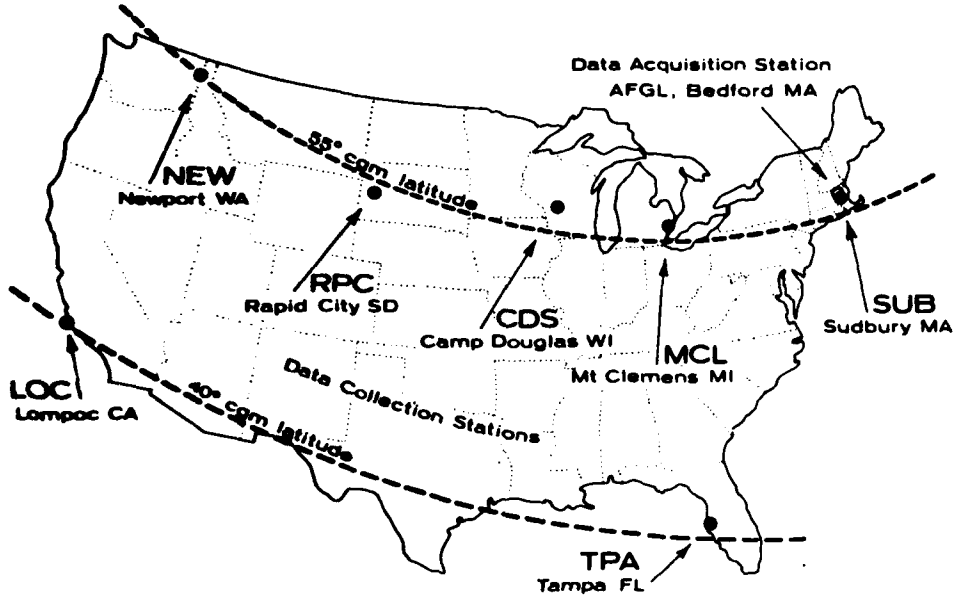


Figure 1. Map of the AFGL Magnetometer Network

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		Geographic Coordinates		Government Installation
		N Lat	E Long	N Lat	E Long	
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 of 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 hard-copy 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 or 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

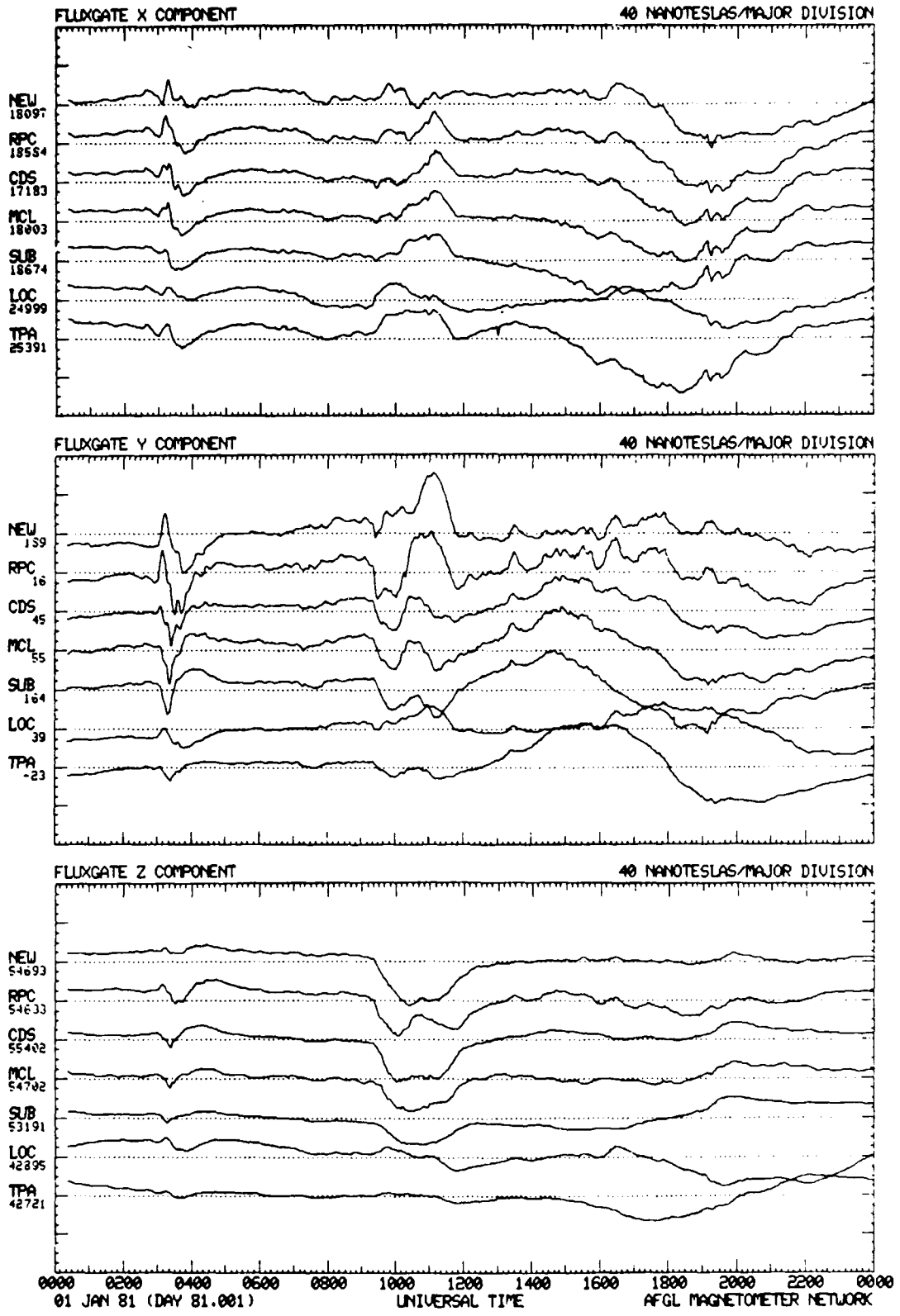
The following brief comment on some common faults in the data may be useful. Examples are given by a reference in parentheses to a plot which exhibits the particular fault described.

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 (09 and 23 April). 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 (CDS-X and SUB-Z traces, 03 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 (no good example in 1981, but note the MCL-Z trace, 21 August). (2) Some failures, such as a data-system bit that fails to turn on or off, cause smaller jumps (note the jumps of about 32 nT in the SUB-Z trace, 18 March). (3) Some failures cause a trace to exhibit noise, which may be large (NEW traces, 06 and 07 May) or small (NEW-Z trace, 01 September). (4) Failure of the fine-scale output causes a trace to show no activity except an occasional range-change jump of 64 nT (LOC traces, 08-13 June). (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 (MCL-Z trace, 21 and 27 January). (6) Other severe malfunctions can cause wild drifting (SUB-Y trace, 20, 23, and 24 March), large noise spikes (RPC-X trace, 02 March), or bursts (NEW-Z trace, 22 January). 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 1981, using the standard amplitude scale of 40 nT per major division.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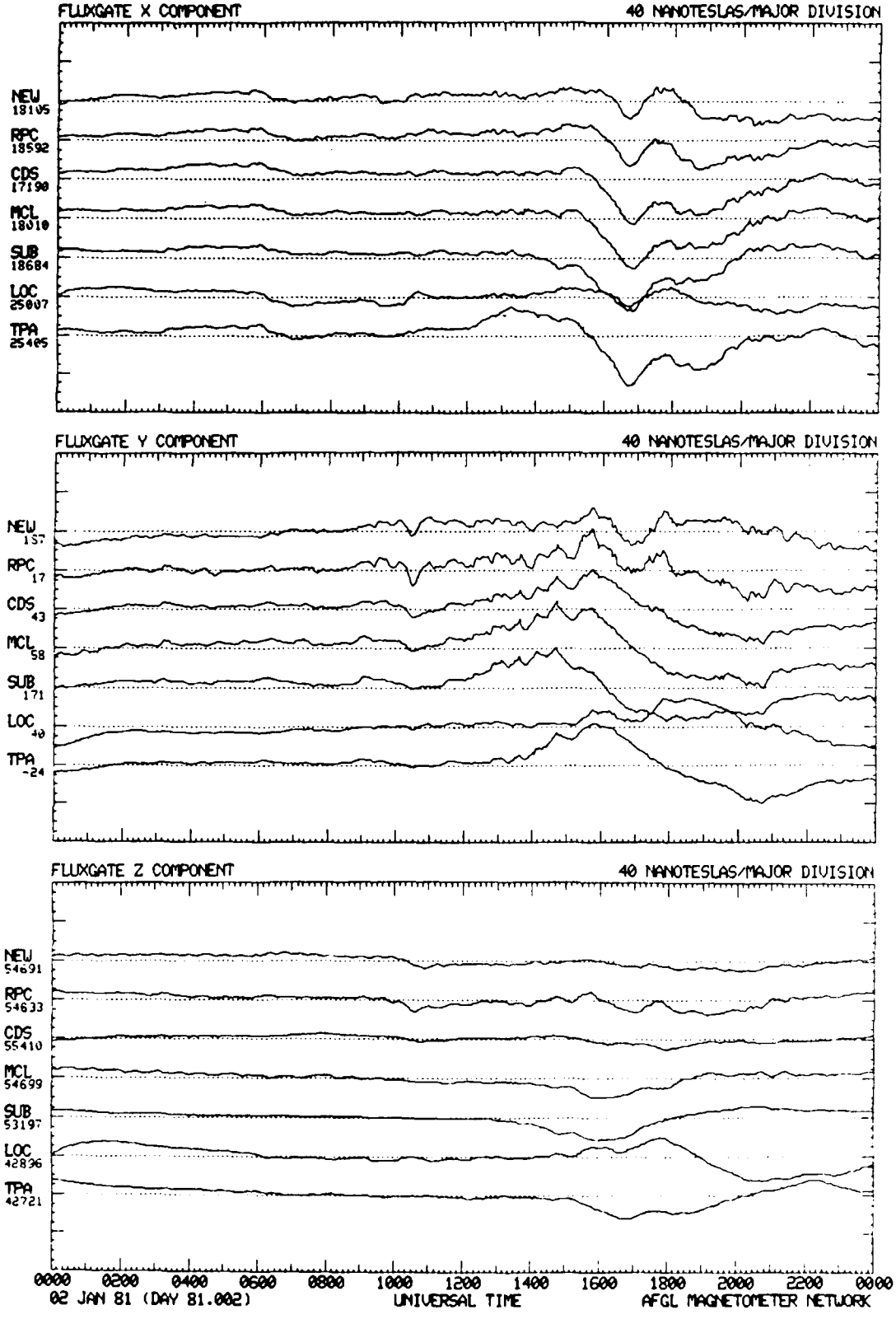
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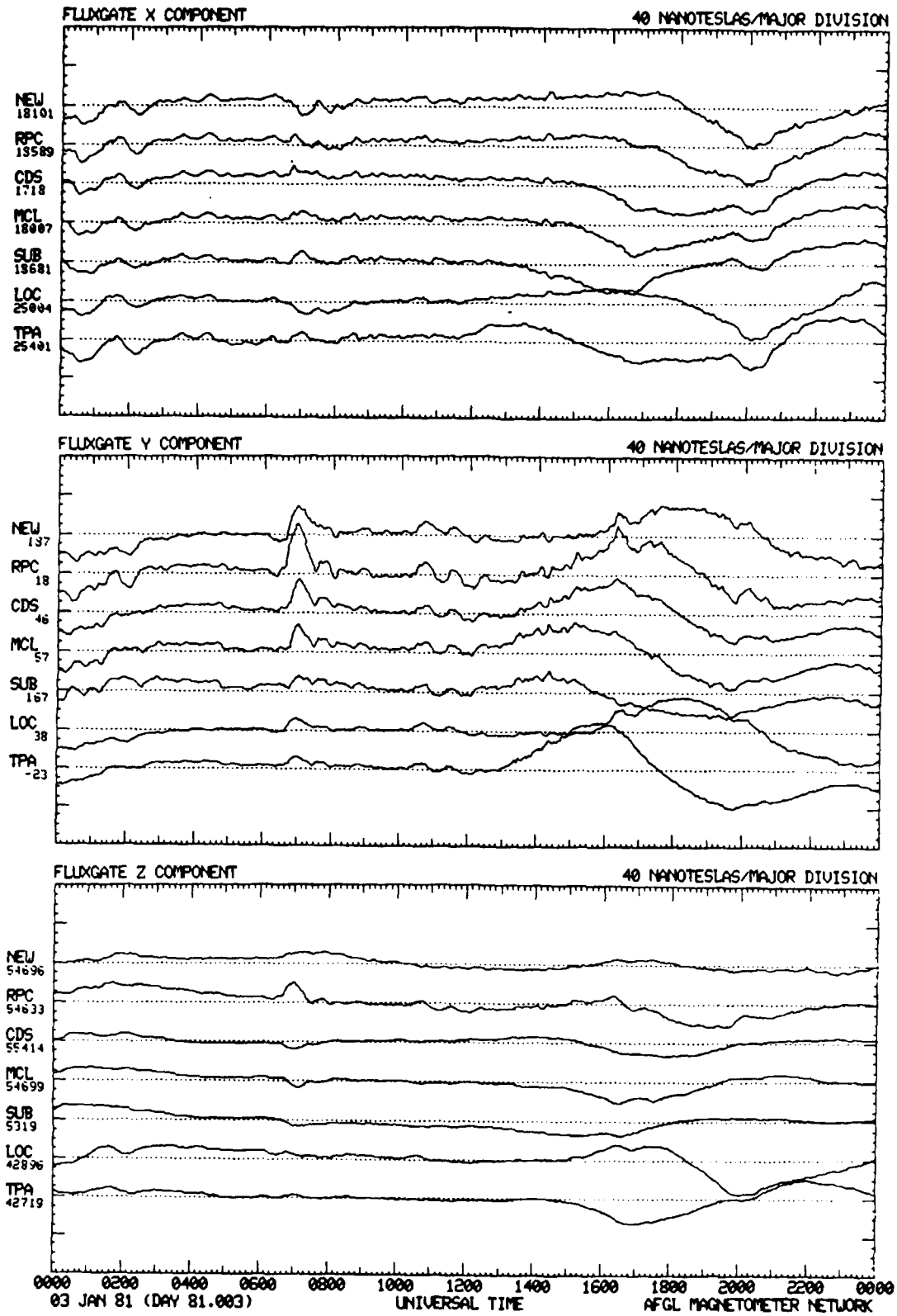
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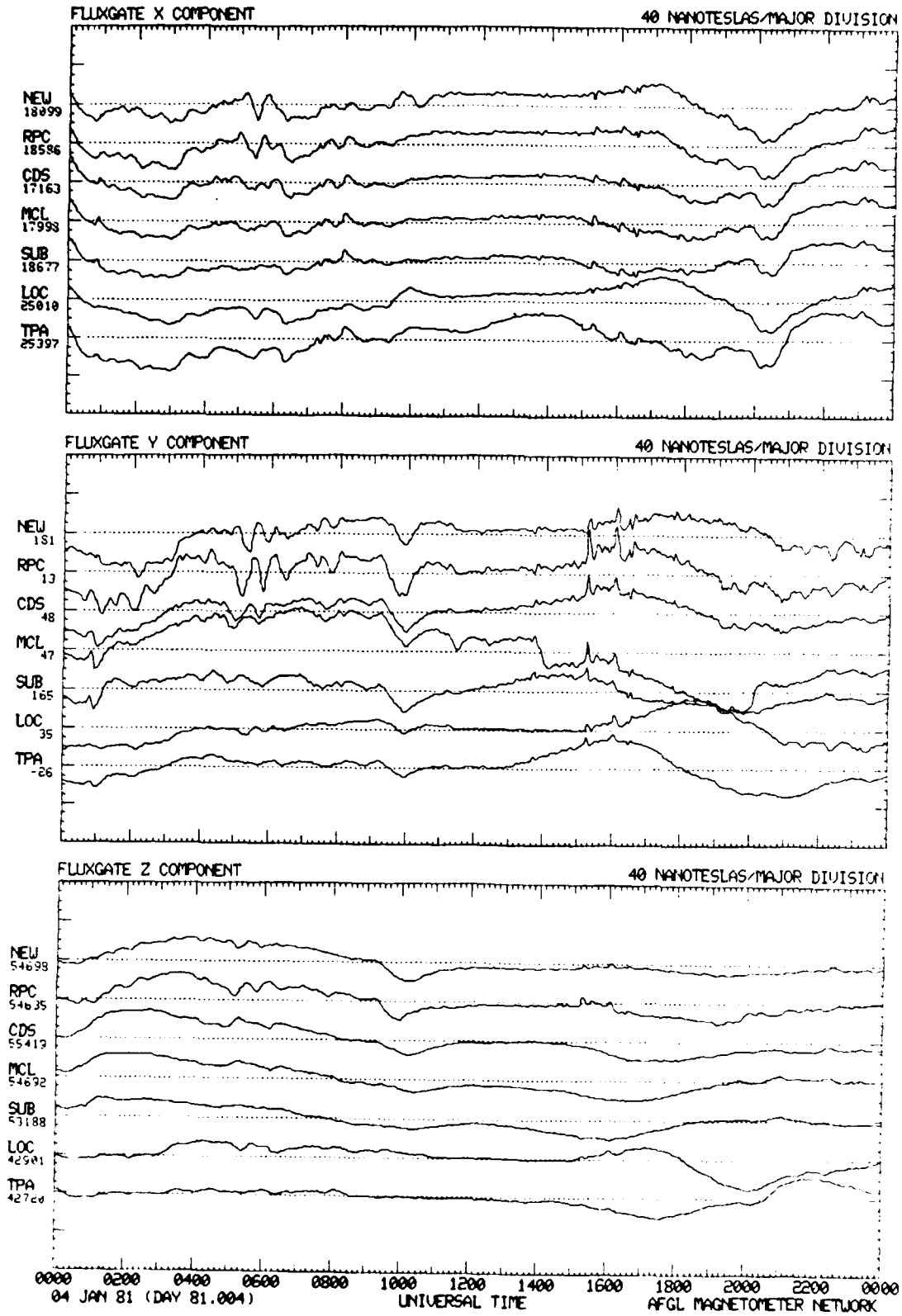
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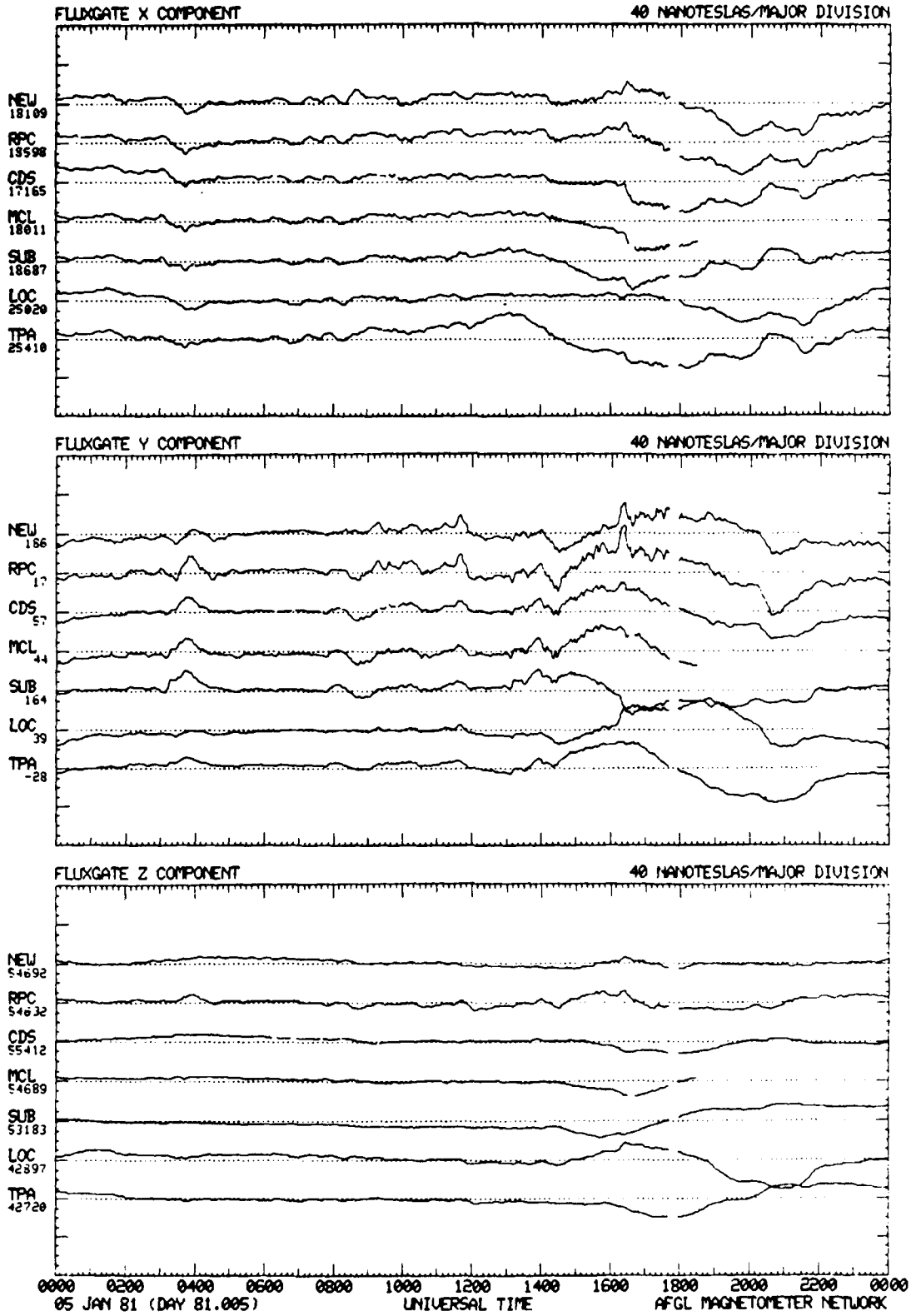
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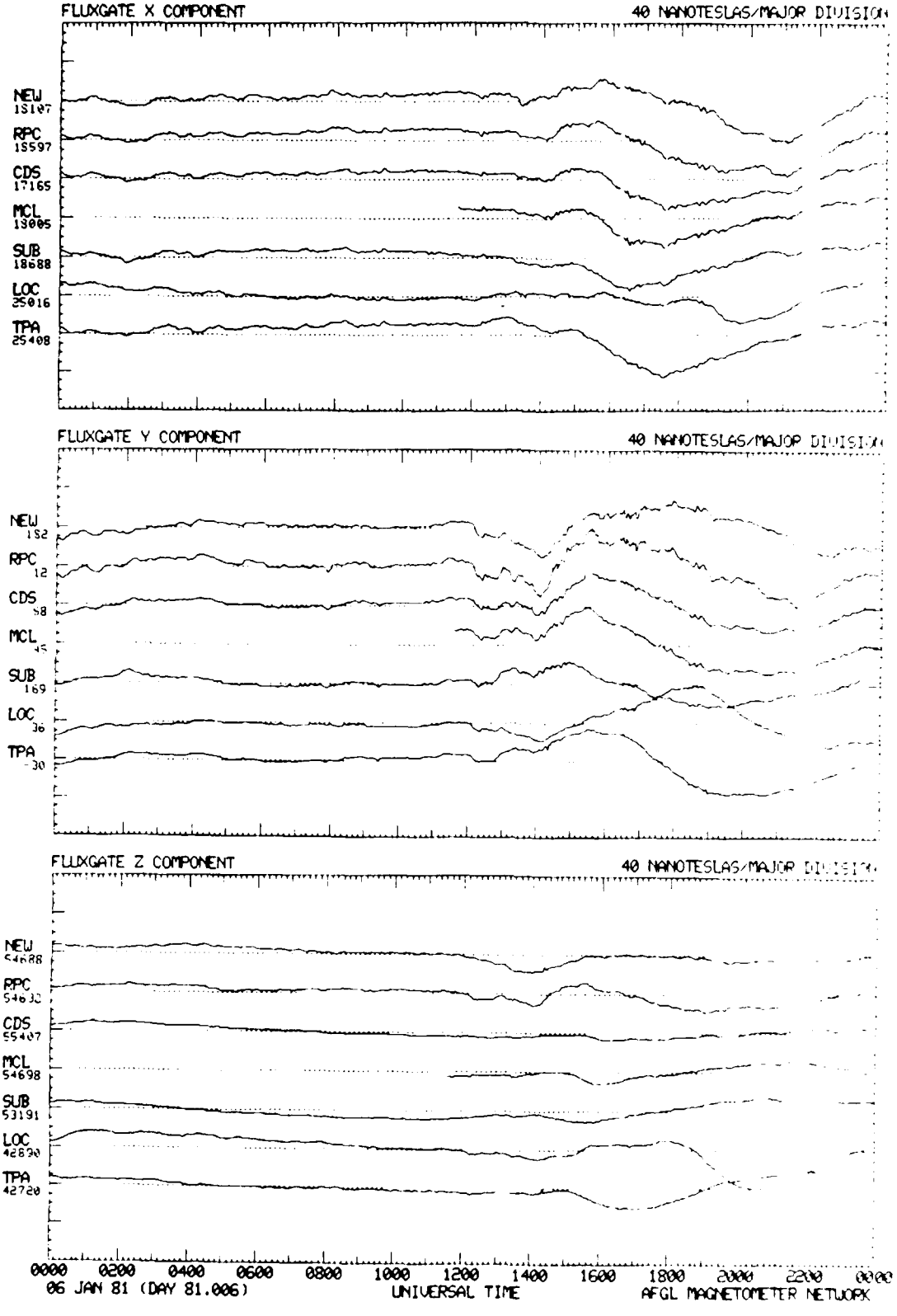
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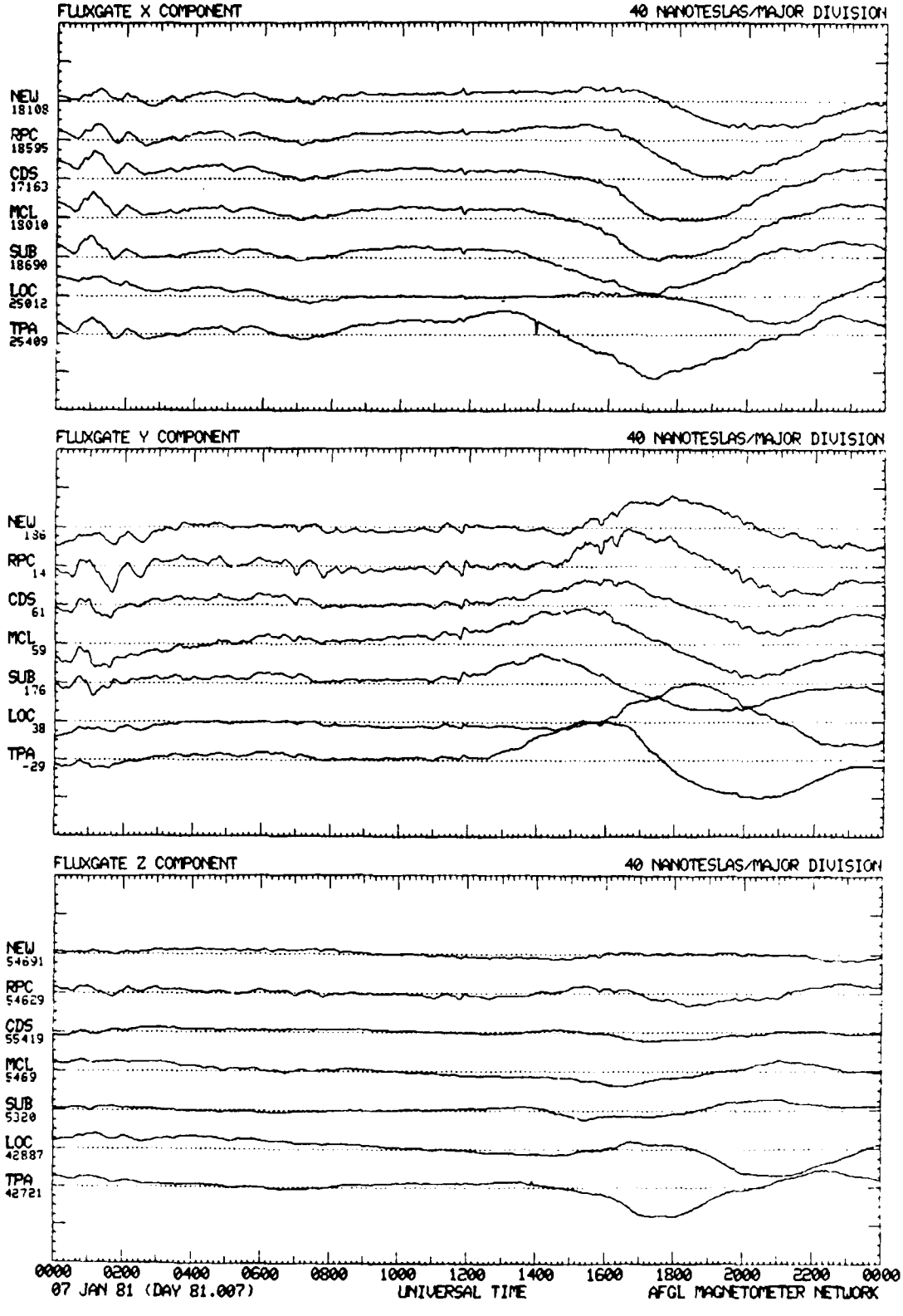
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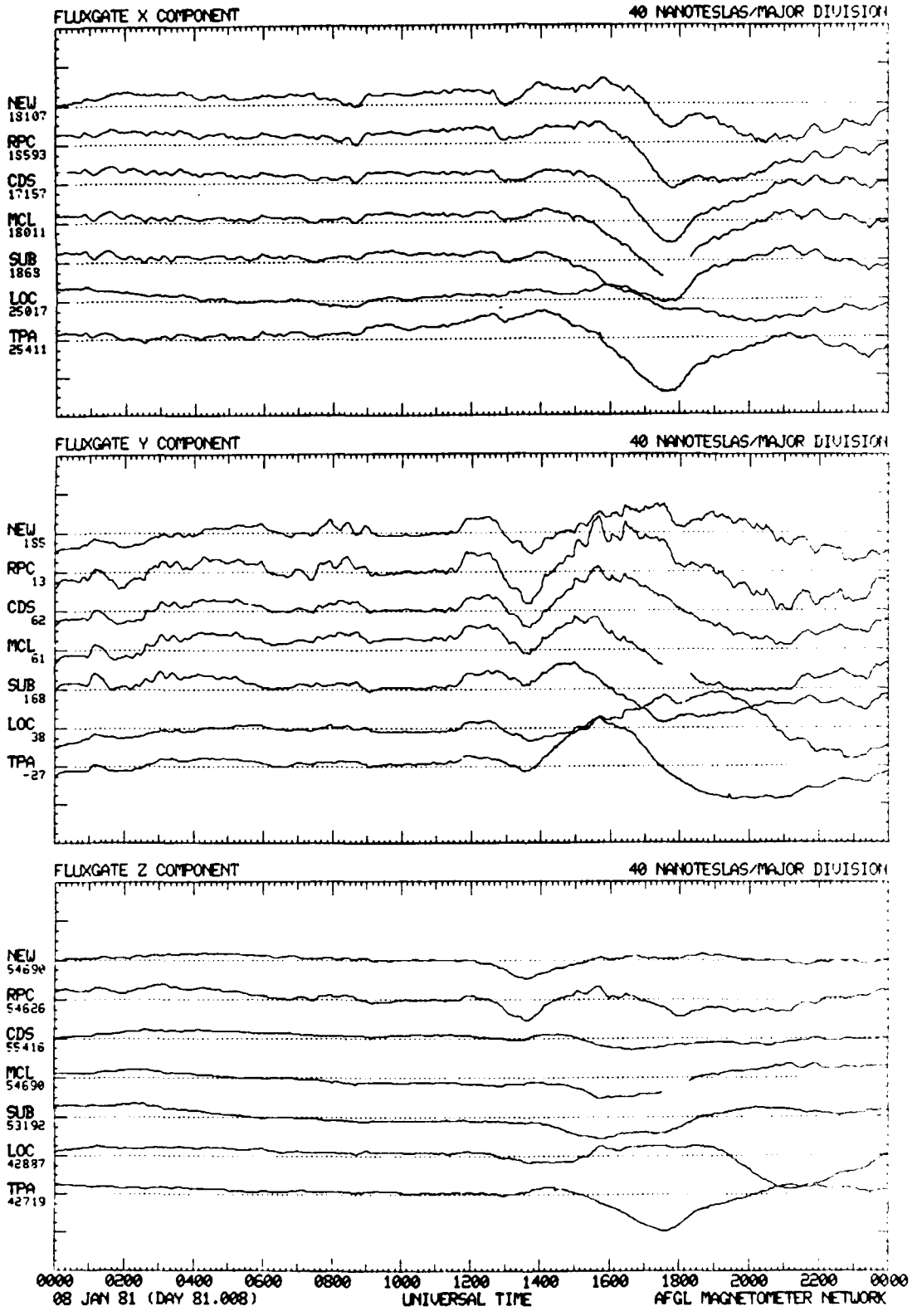
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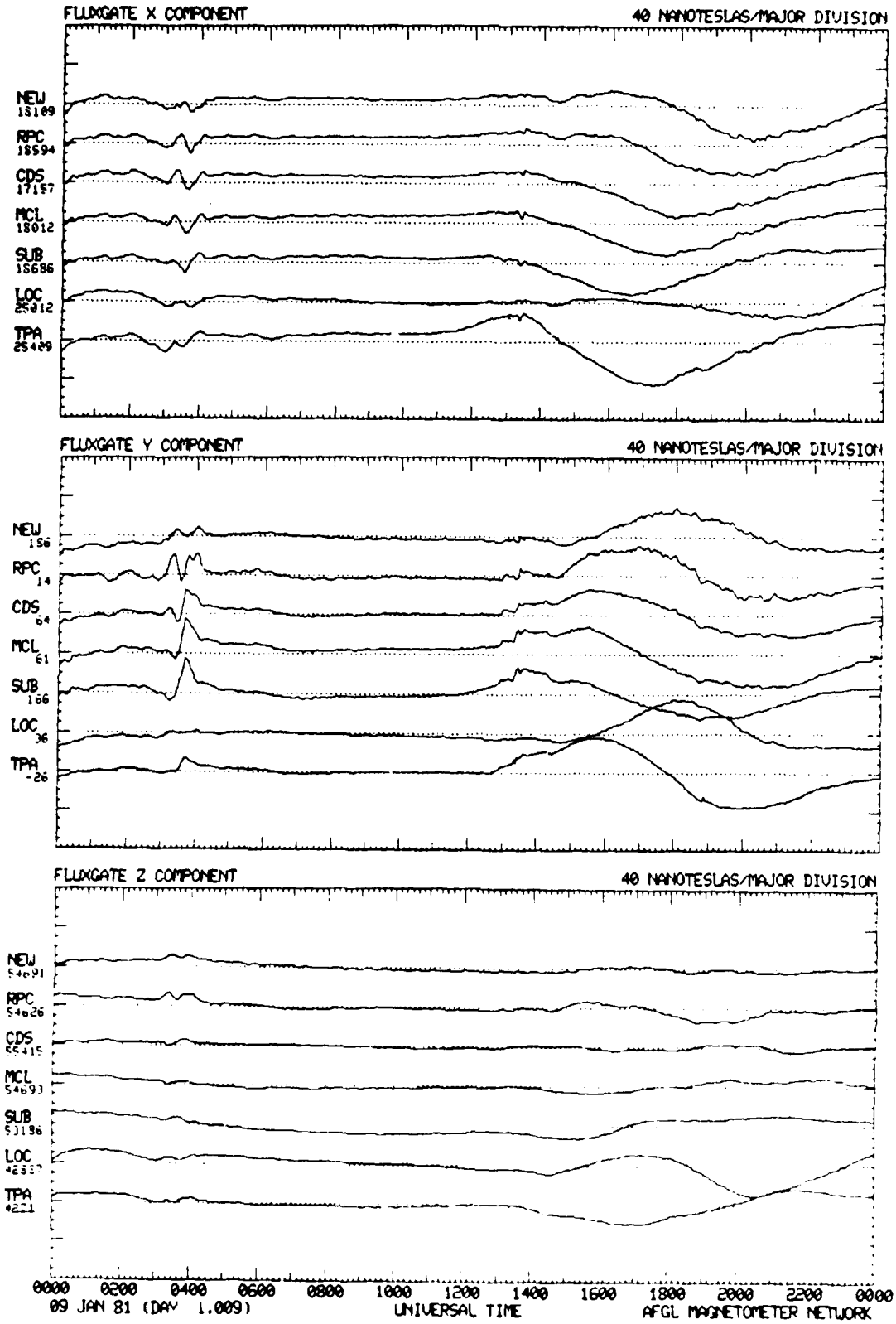
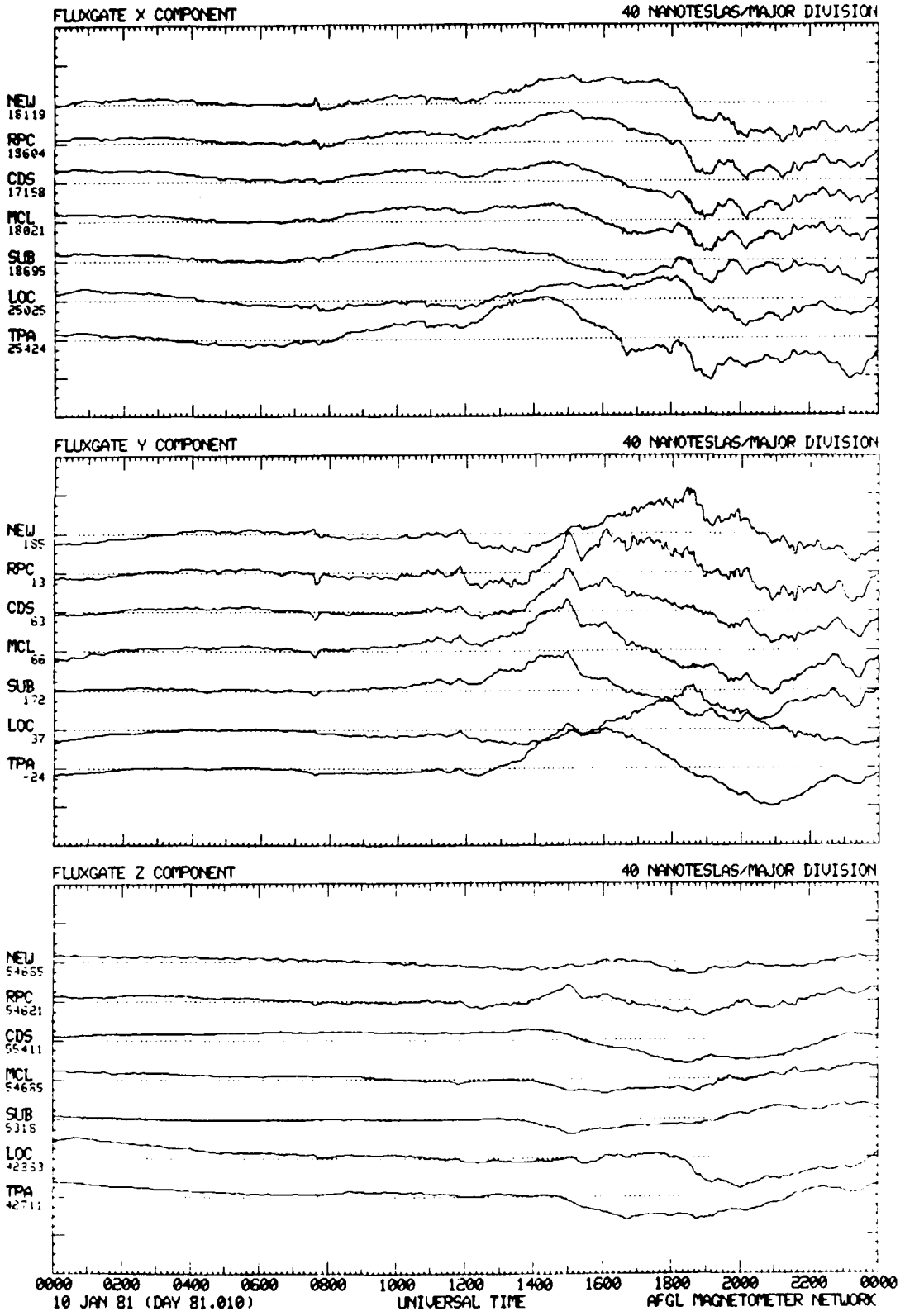
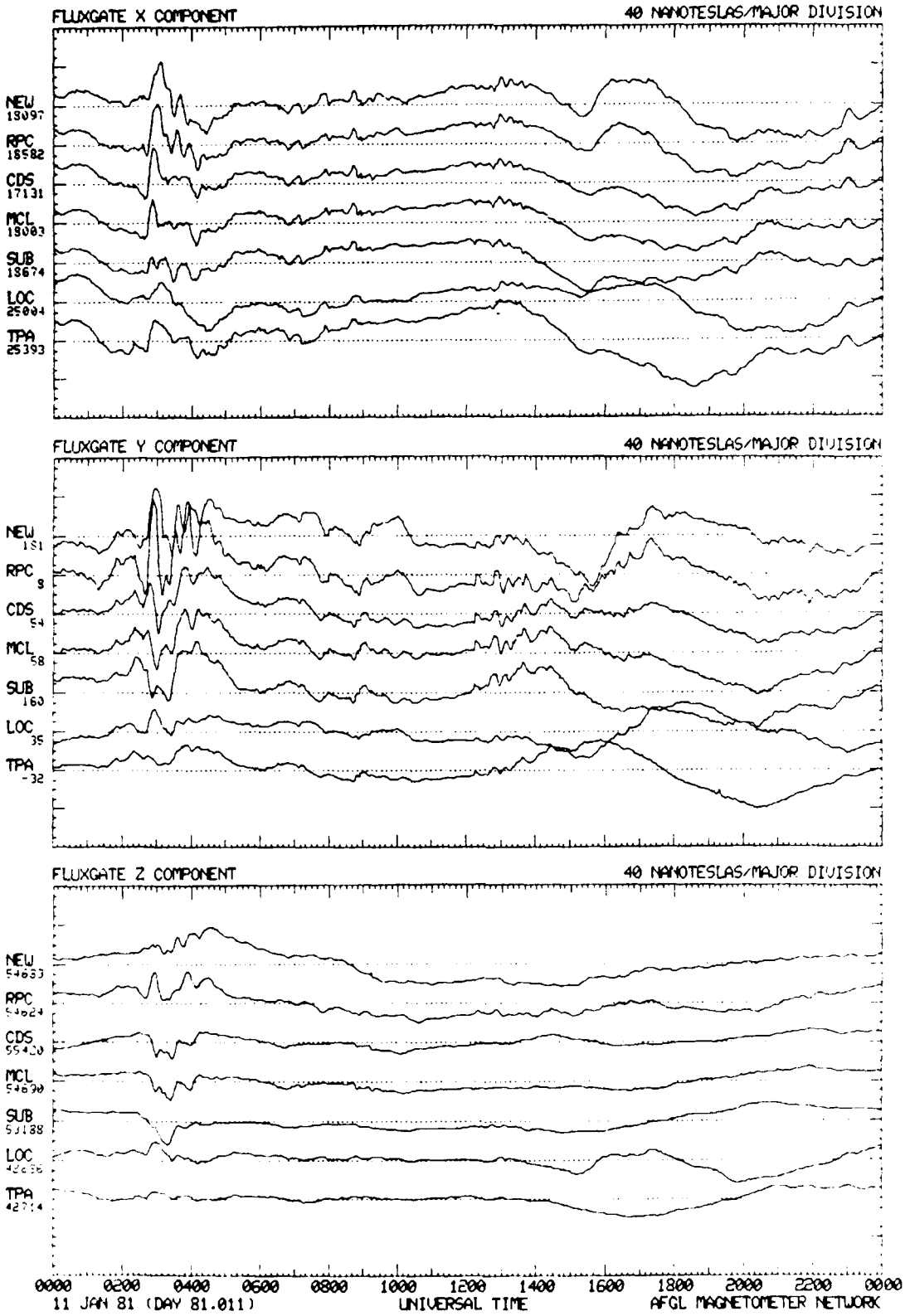
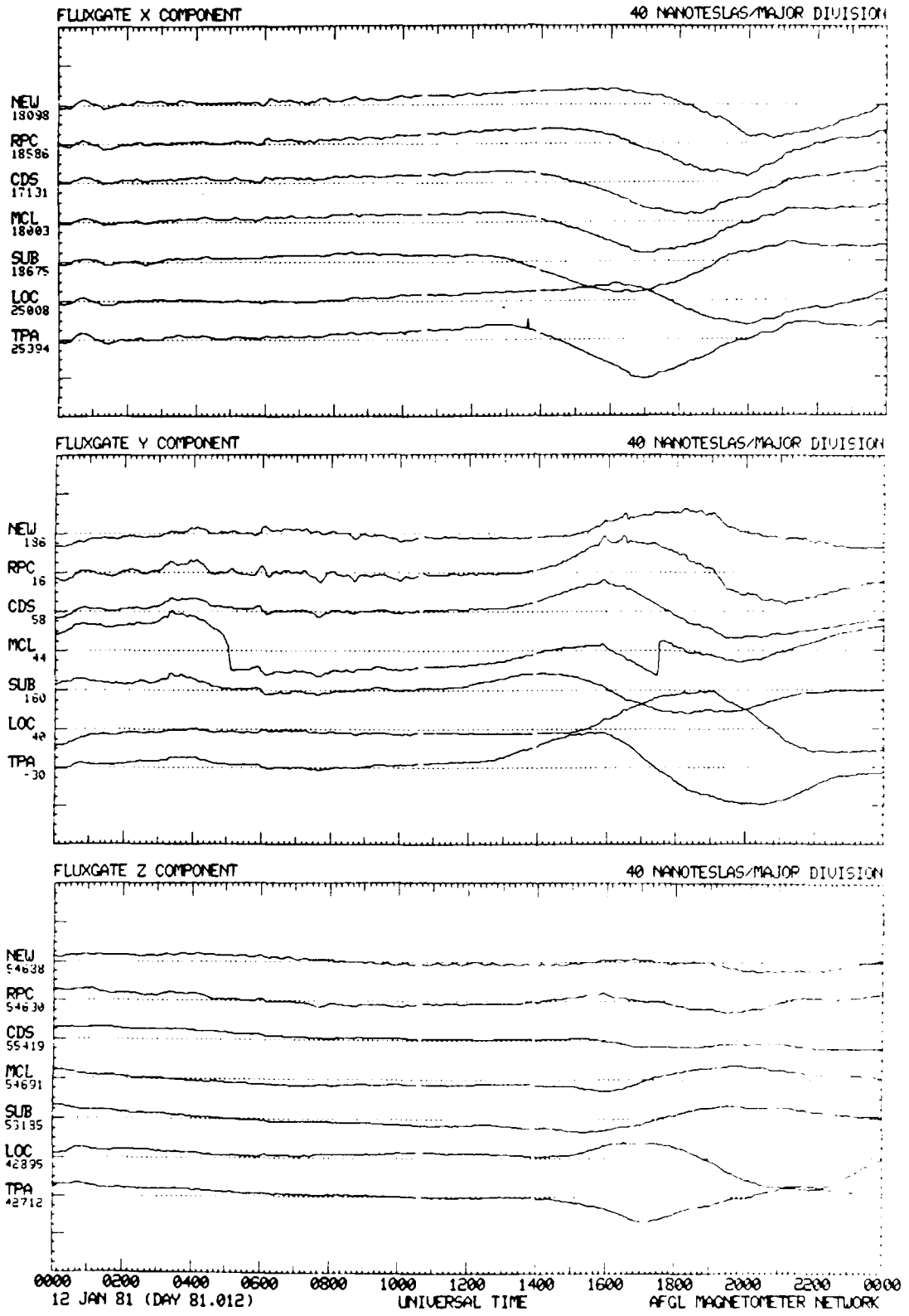
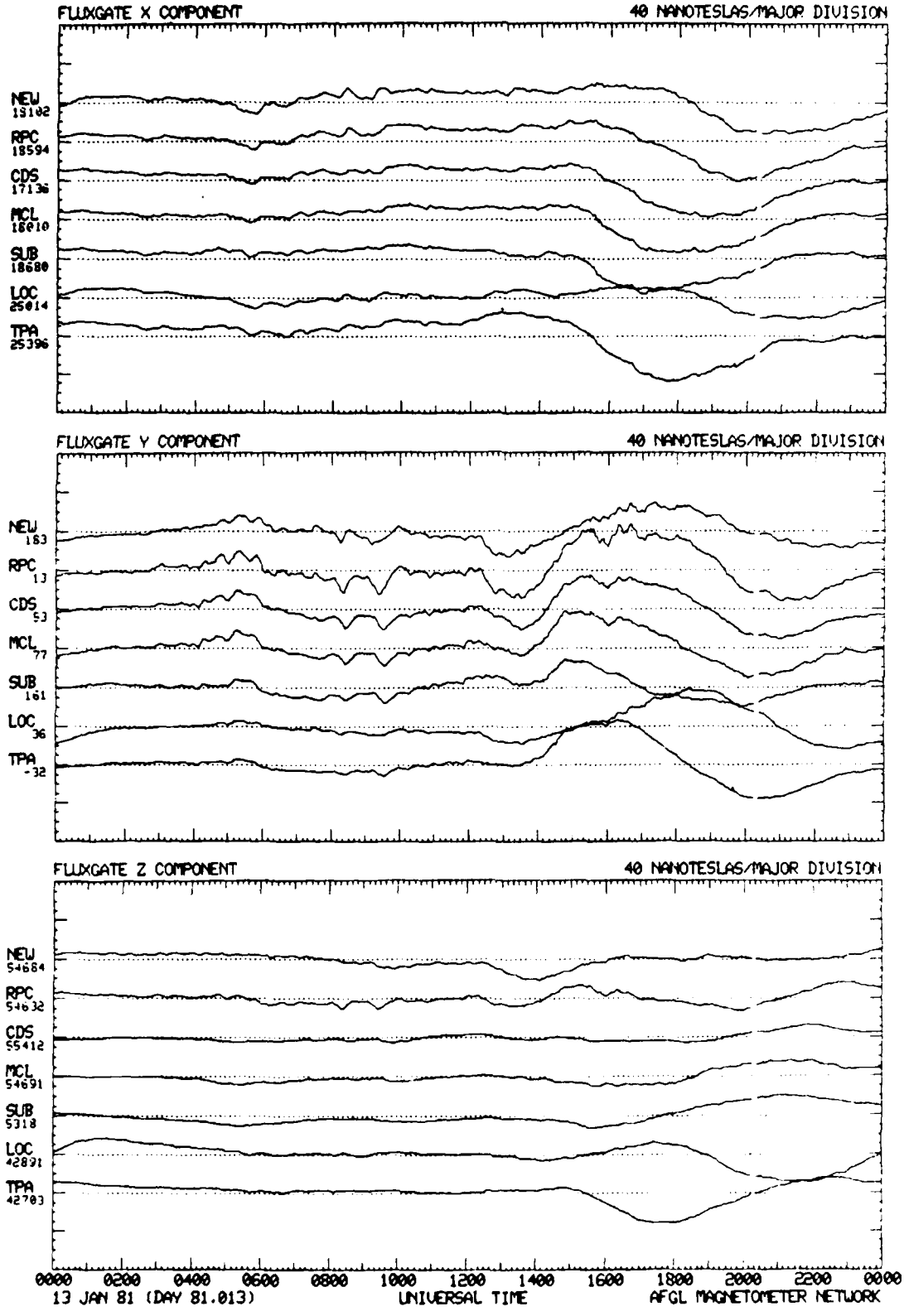
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
155
RPC
13
CDS
62
MCL
61
SUB
168
LOC
38
TPA
-27
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54690
RPC
54626
CDS
55416
MCL
54690
SUB
53192
LOC
42887
TPA
42719
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 JAN 81 (DAY 81.008)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

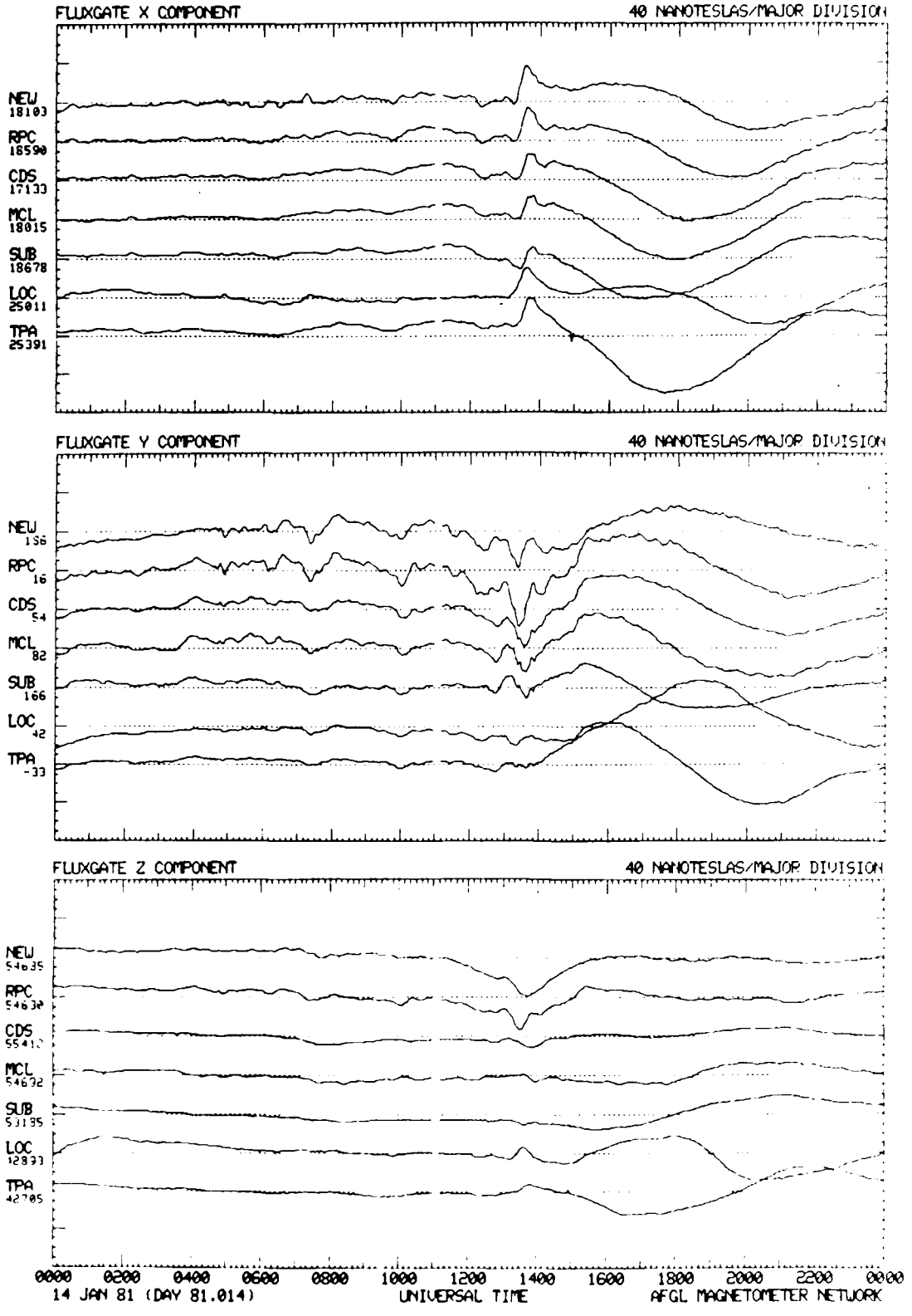

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18109
RPC
18594
CDS
17157
MCL
18012
SUB
18686
LOC
25012
TPA
25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
156
RPC
14
CDS
64
MCL
61
SUB
166
LOC
36
TPA
-26
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54691
RPC
54626
CDS
55415
MCL
54693
SUB
53196
LOC
42337
TPA
4221
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 JAN 81 (DAY 1.009)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

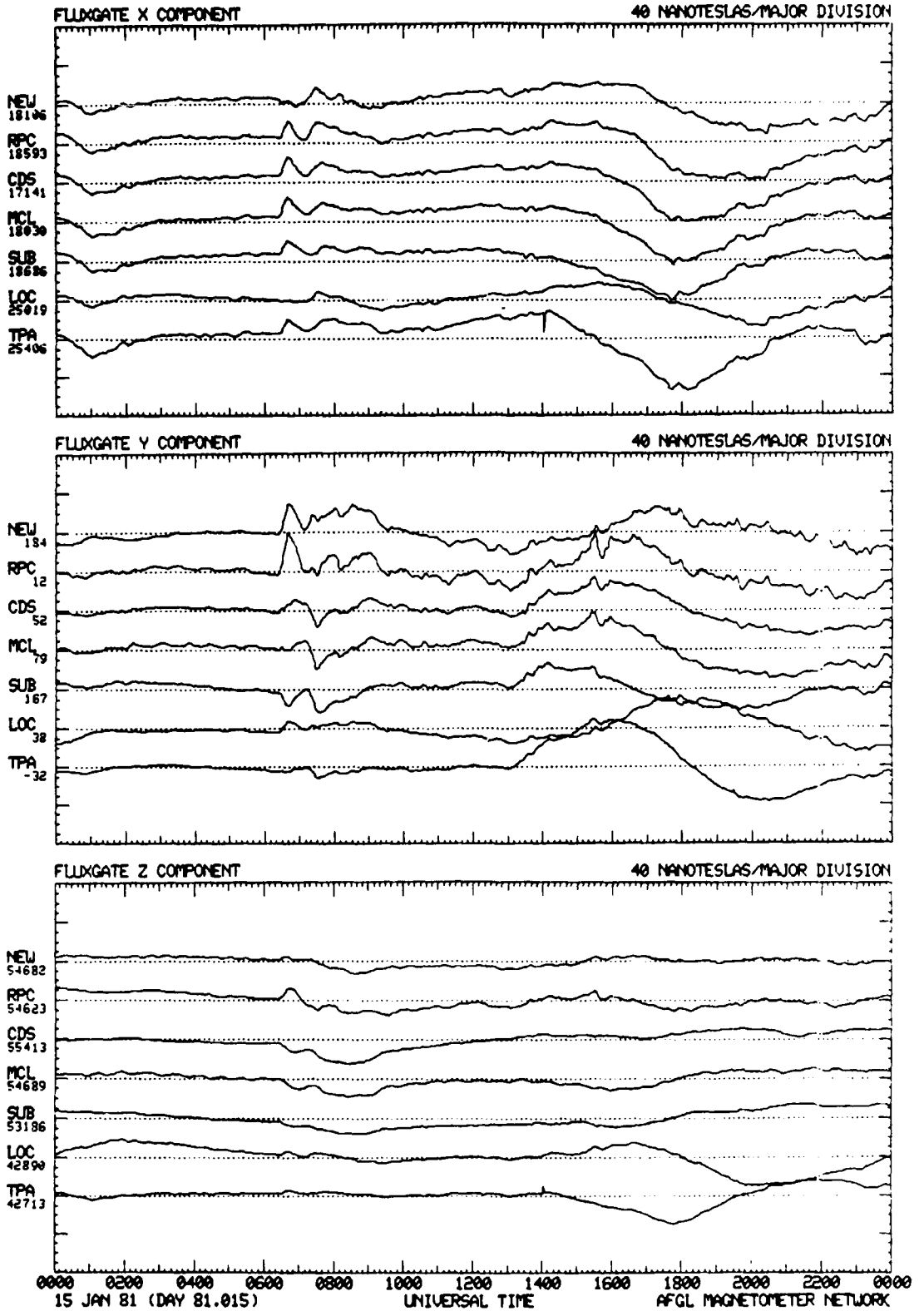

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18119
RPC
19604
CDS
17158
MCL
18021
SUB
18695
LOC
25025
TPA
25424
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
185
RPC
13
CDS
63
MCL
66
SUB
172
LOC
37
TPA
-24
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54685
RPC
54621
CDS
55411
MCL
54685
SUB
5316
LOC
42353
TPA
42711
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 JAN 81 (DAY 81.010)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

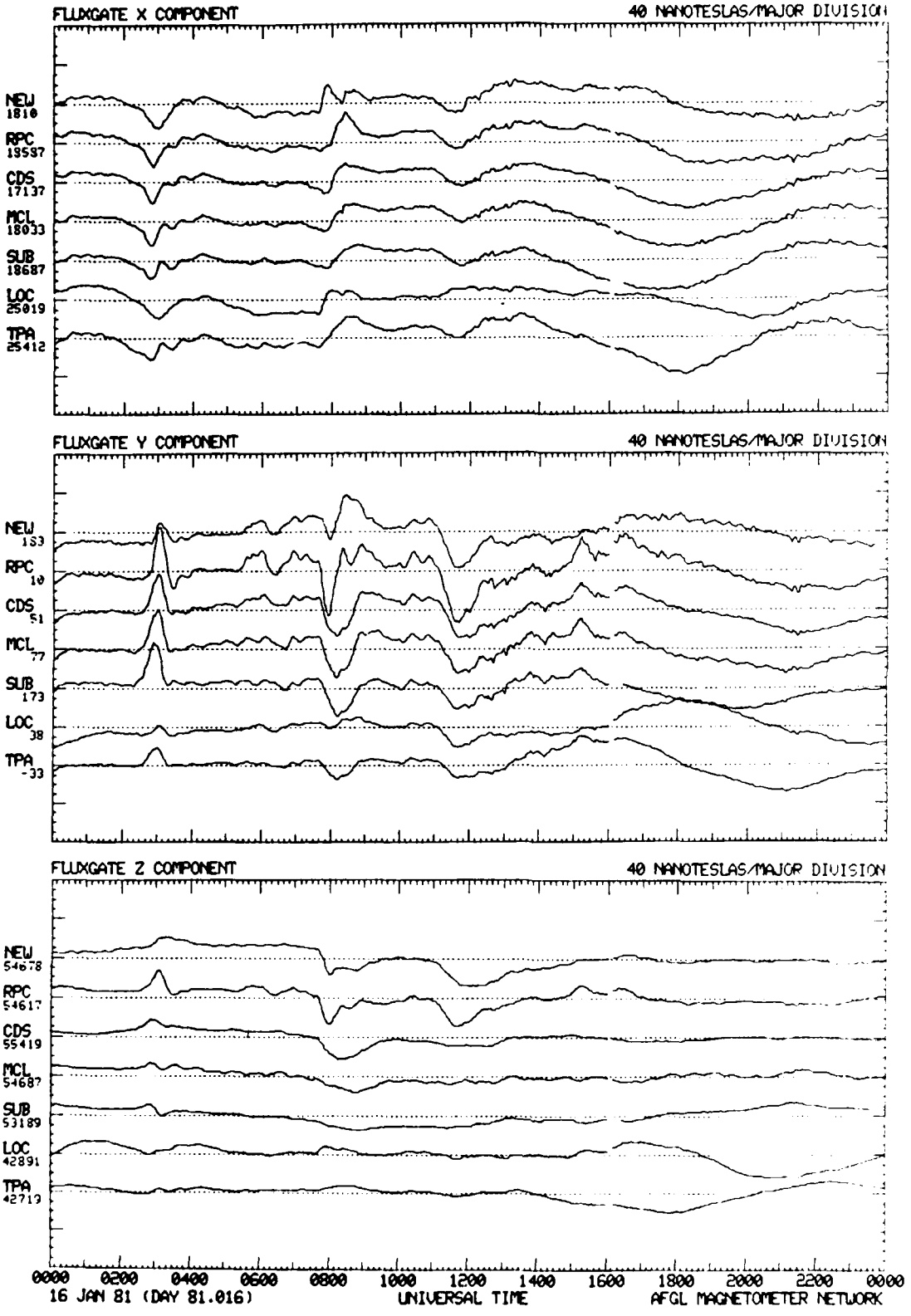

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
19097
RPC
18582
CDS
17131
MCL
19003
SUB
18674
LOC
25004
TPA
25393
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
151
RPC
9
CDS
54
MCL
58
SUB
160
LOC
35
TPA
-32
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54633
RPC
54624
CDS
55430
MCL
54690
SUB
55188
LOC
42636
TPA
42714
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 JAN 81 (DAY 81.011)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

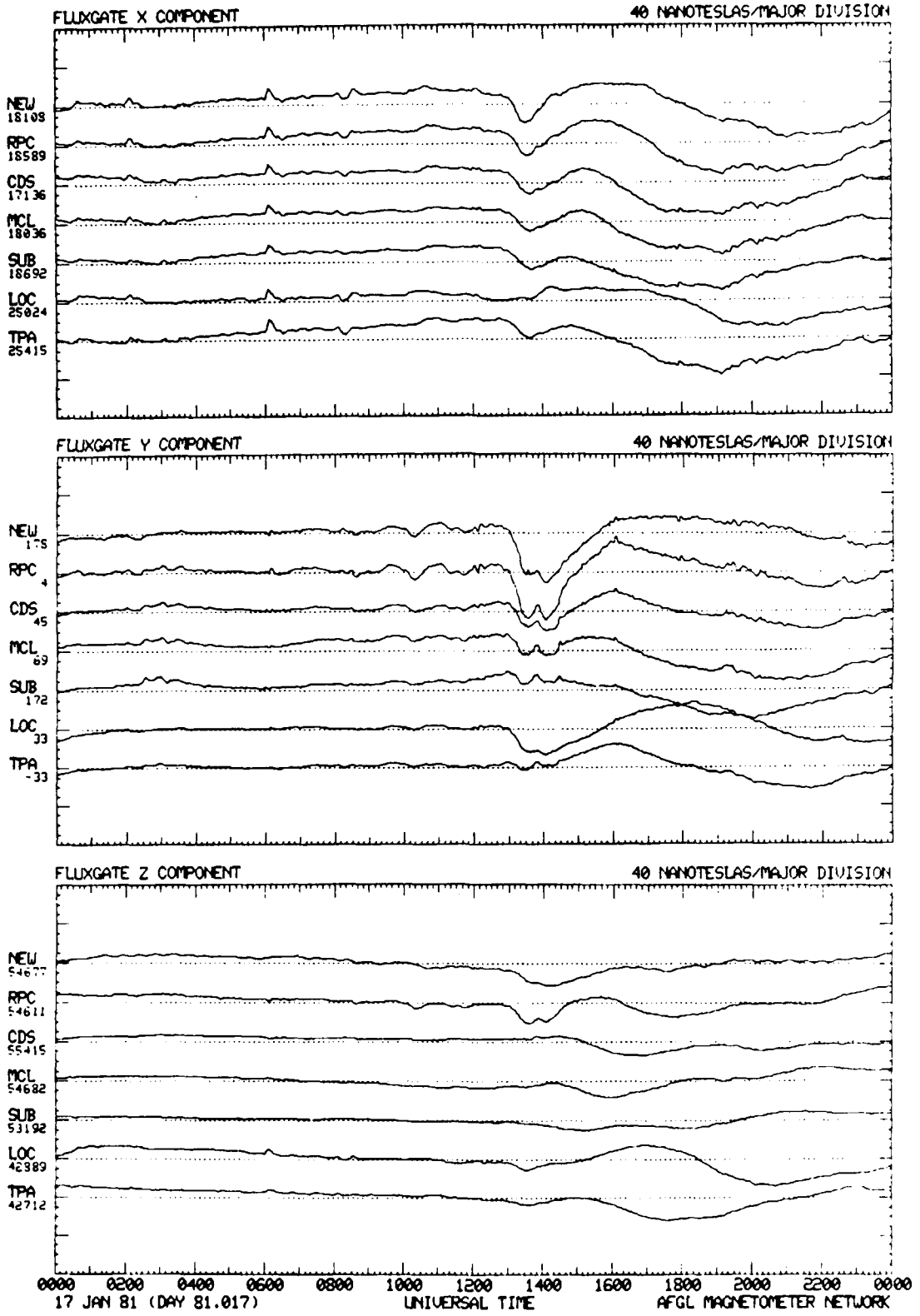

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18098
RPC 18586
CDS 17131
MCL 18003
SUB 18675
LOC 25008
TPA 25394
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 136
RPC 16
CDS 58
MCL 44
SUB 160
LOC 40
TPA -30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54638
RPC 54630
CDS 55419
MCL 54691
SUB 53135
LOC 42895
TPA 42712
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 JAN 81 (DAY 81.012)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

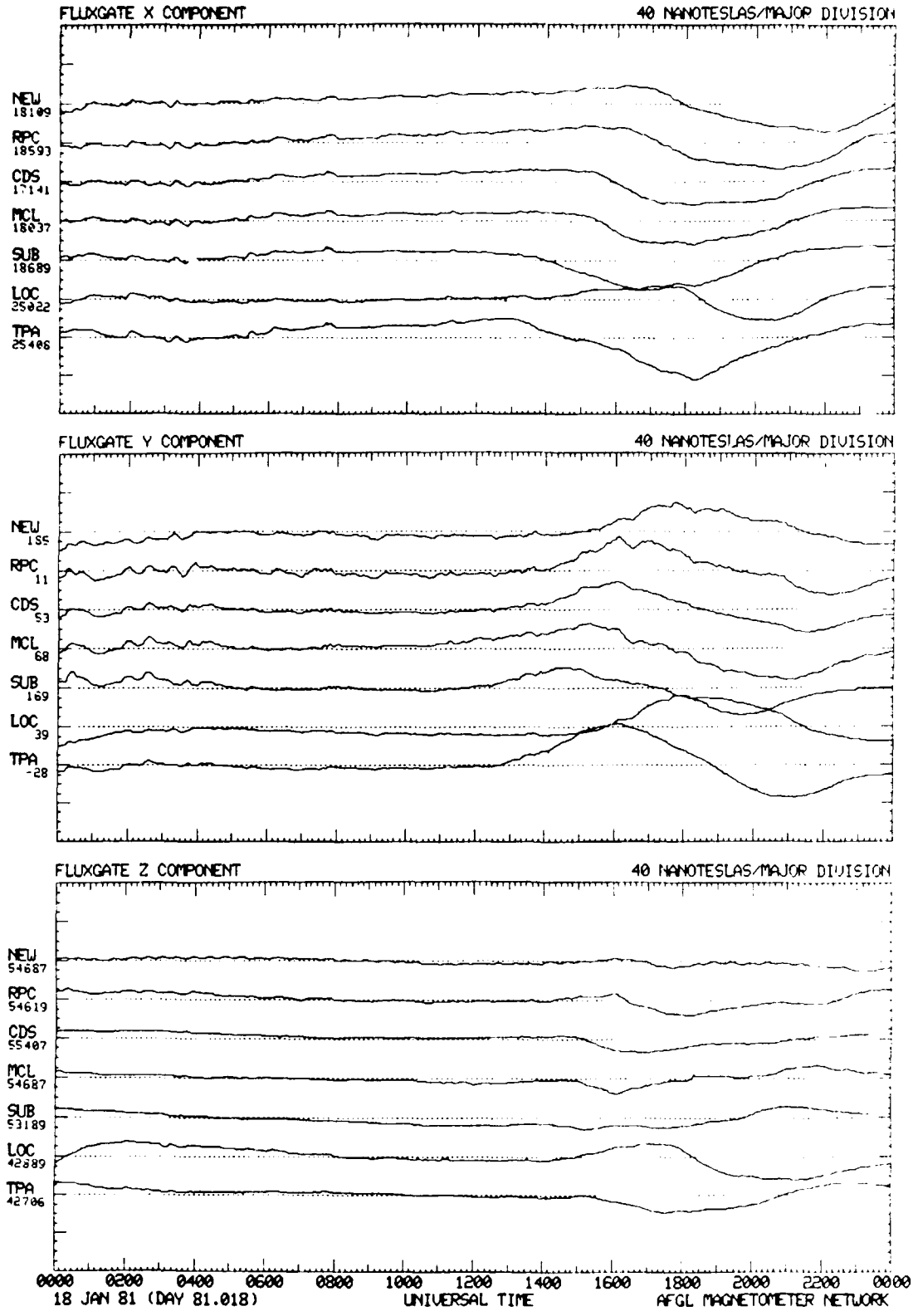

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18102
RPC 18594
CDS 17136
MCL 18610
SUB 18680
LOC 25014
TPA 25396
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 163
RPC 13
CDS 53
MCL 77
SUB 161
LOC 36
TPA -32
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54684
RPC 54632
CDS 55412
MCL 54691
SUB 5318
LOC 42891
TPA 42703
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 JAN 81 (DAY 81.013)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

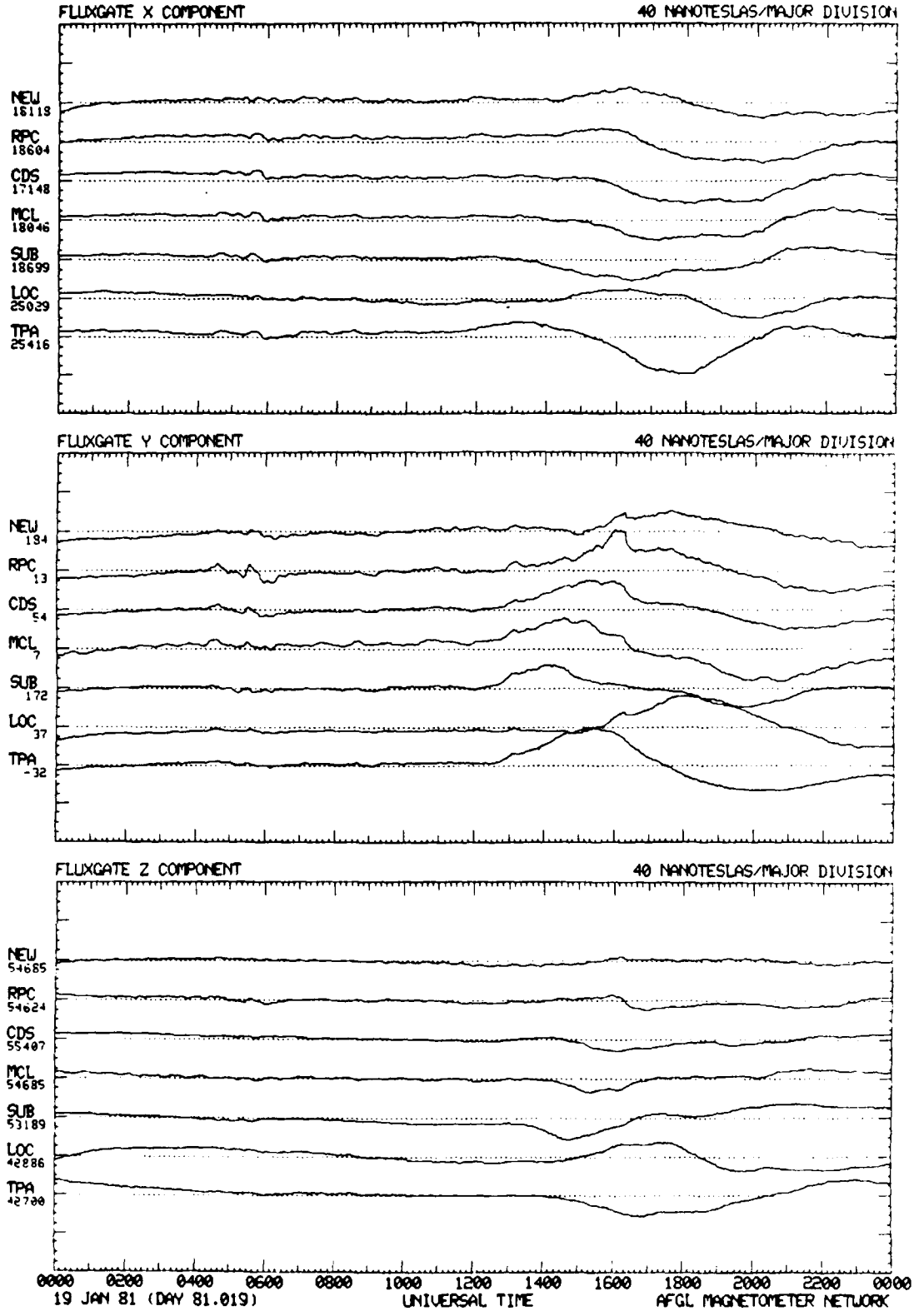

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18103
RPC
18590
CDS
17133
MCL
18015
SUB
18678
LOC
25011
TPA
25391
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
156
RPC
16
CDS
54
MCL
82
SUB
166
LOC
42
TPA
-33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54635
RPC
54630
CDS
55413
MCL
54692
SUB
53135
LOC
12893
TPA
42705
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 JAN 81 (DAY 81.014)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

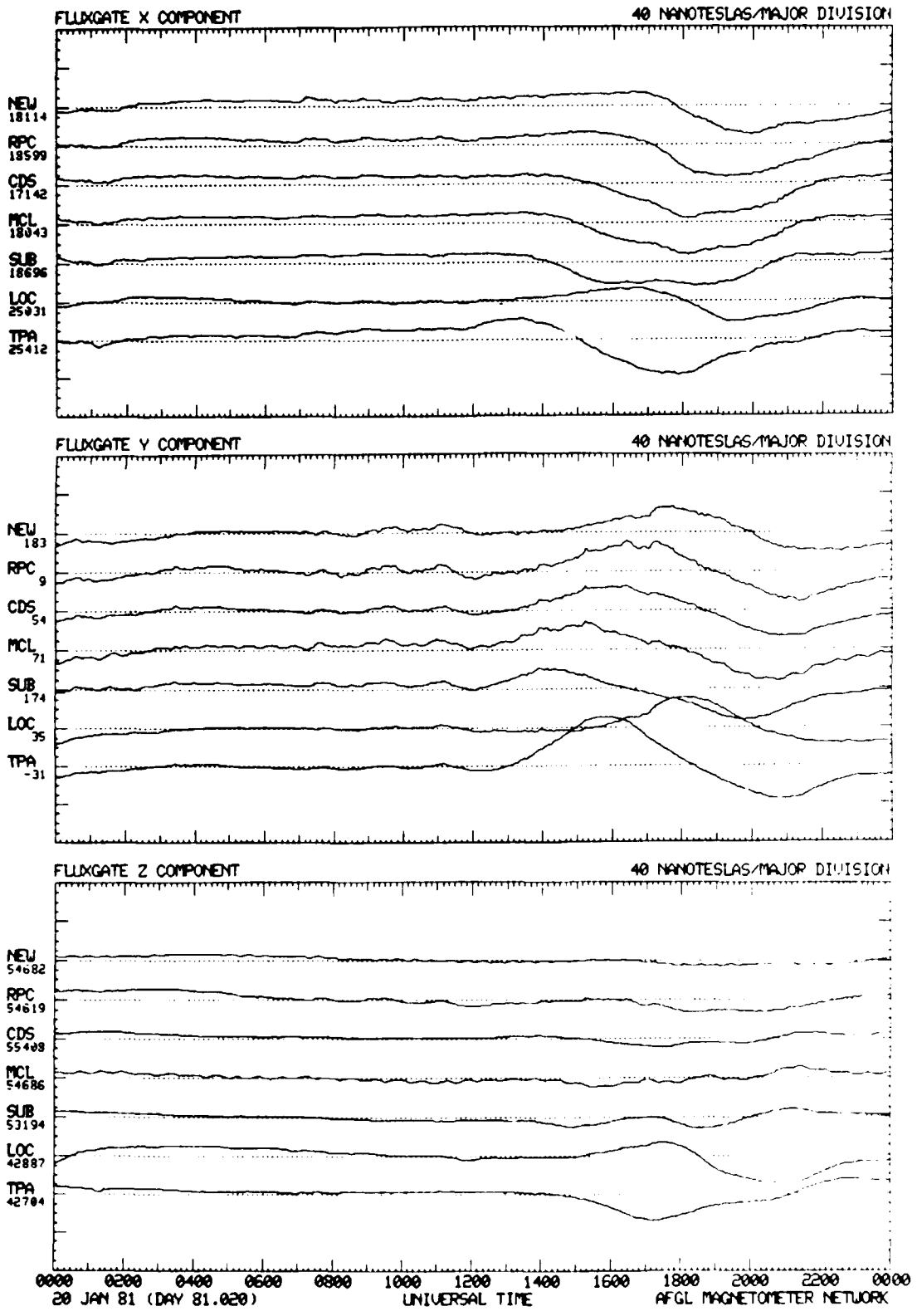

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18106
RPC 18593
CDS 17141
MCL 18030
SUB 18686
LOC 25019
TPA 25406
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC 12
CDS 52
MCL 79
SUB 167
LOC 38
TPA -32
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54682
RPC 54623
CDS 55413
MCL 54689
SUB 53186
LOC 42890
TPA 42713
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 JAN 81 (DAY 81.015)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

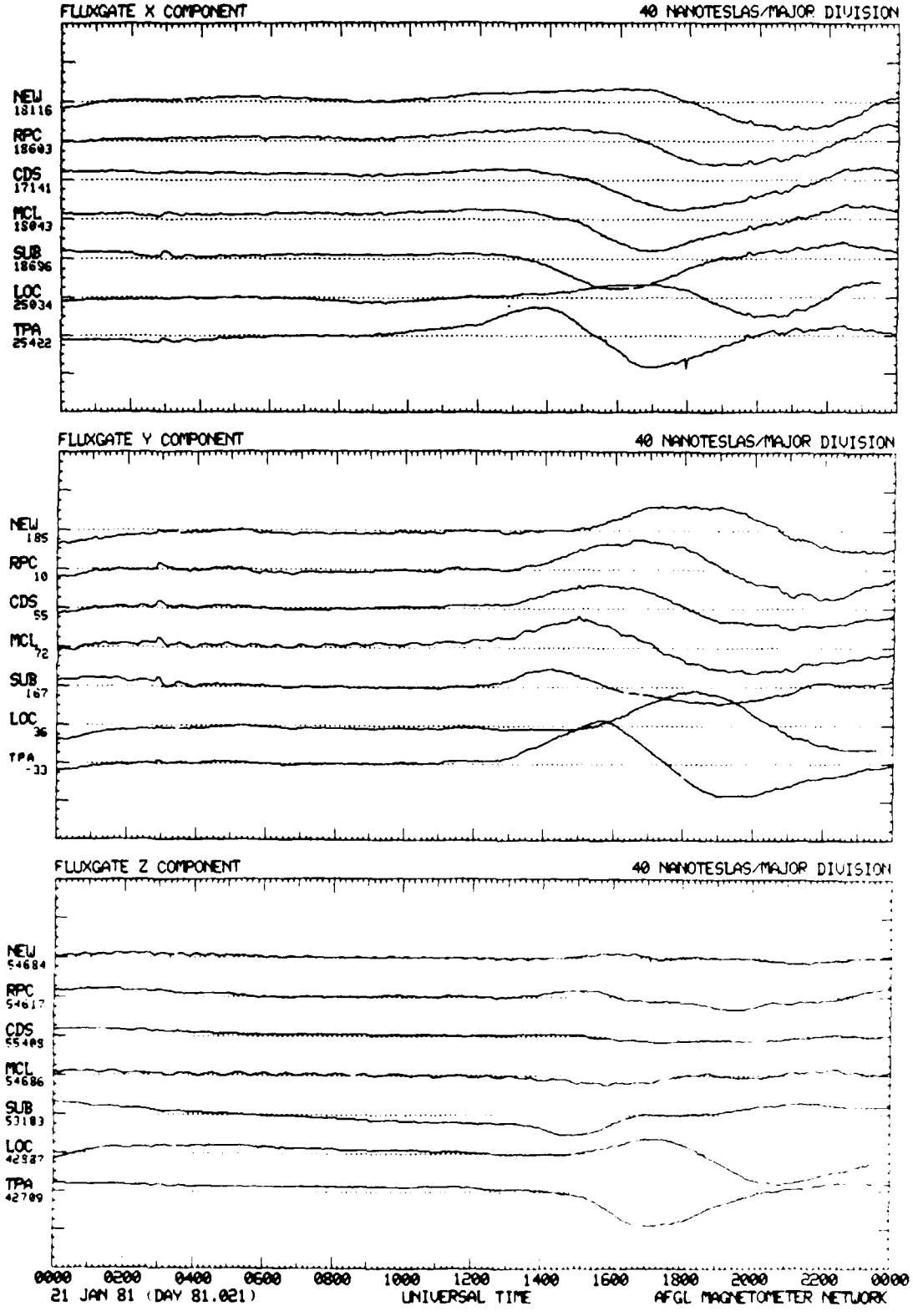

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 1810
RPC 13587
CDS 17137
MCL 18033
SUB 18687
LOC 25019
TPA 25412
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 183
RPC 10
CDS 51
MCL 77
SUB 173
LOC 38
TPA -33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54678
RPC 54617
CDS 55419
MCL 54687
SUB 53189
LOC 42891
TPA 42719
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 JAN 81 (DAY 81.016)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

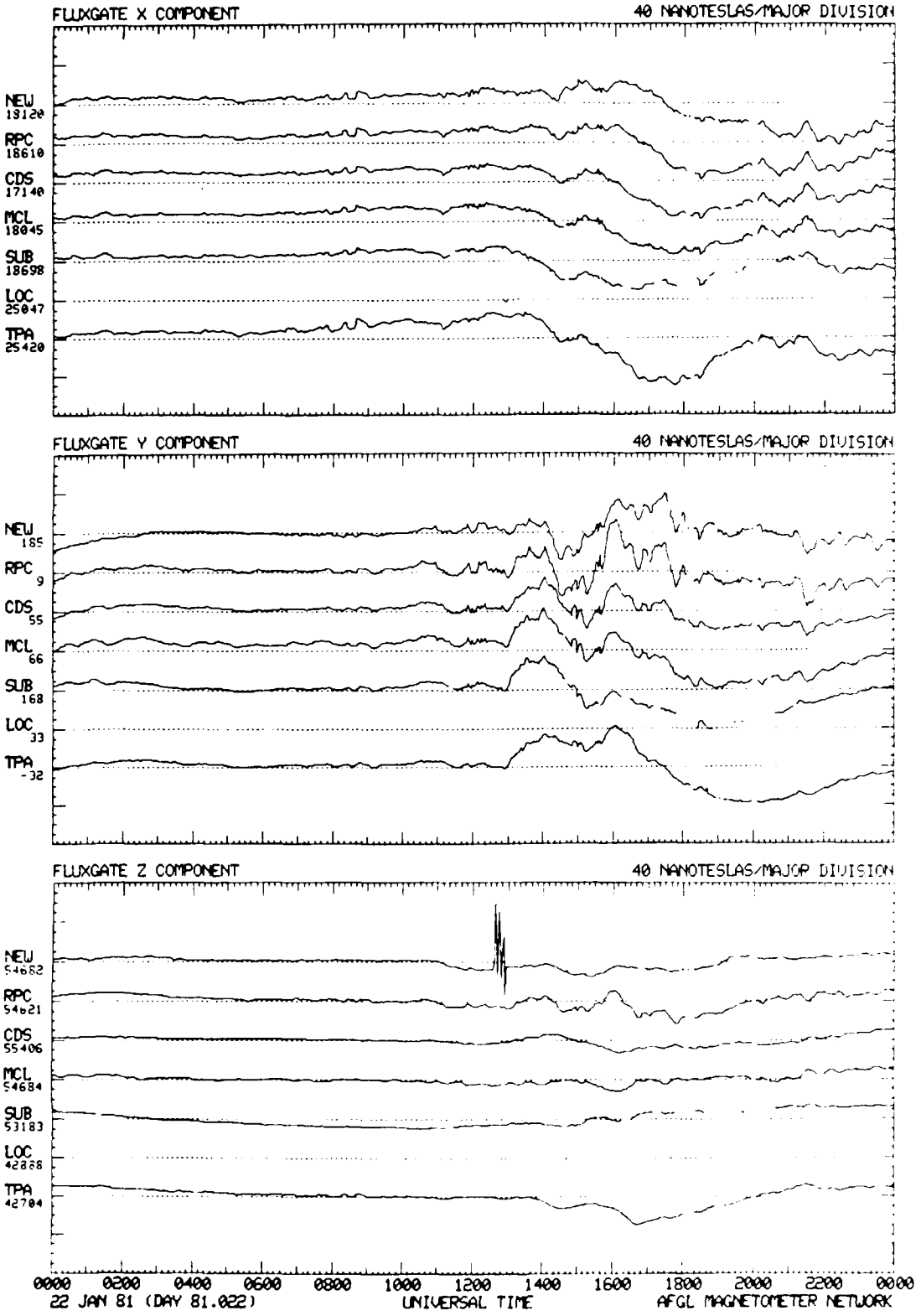

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18109
RPC
18589
CDS
17136
MCL
18036
SUB
18692
LOC
25024
TPA
25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
175
RPC
4
CDS
45
MCL
69
SUB
172
LOC
33
TPA
-33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54677
RPC
54611
CDS
55415
MCL
54682
SUB
53192
LOC
42989
TPA
42712
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 JAN 81 (DAY 81.017)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

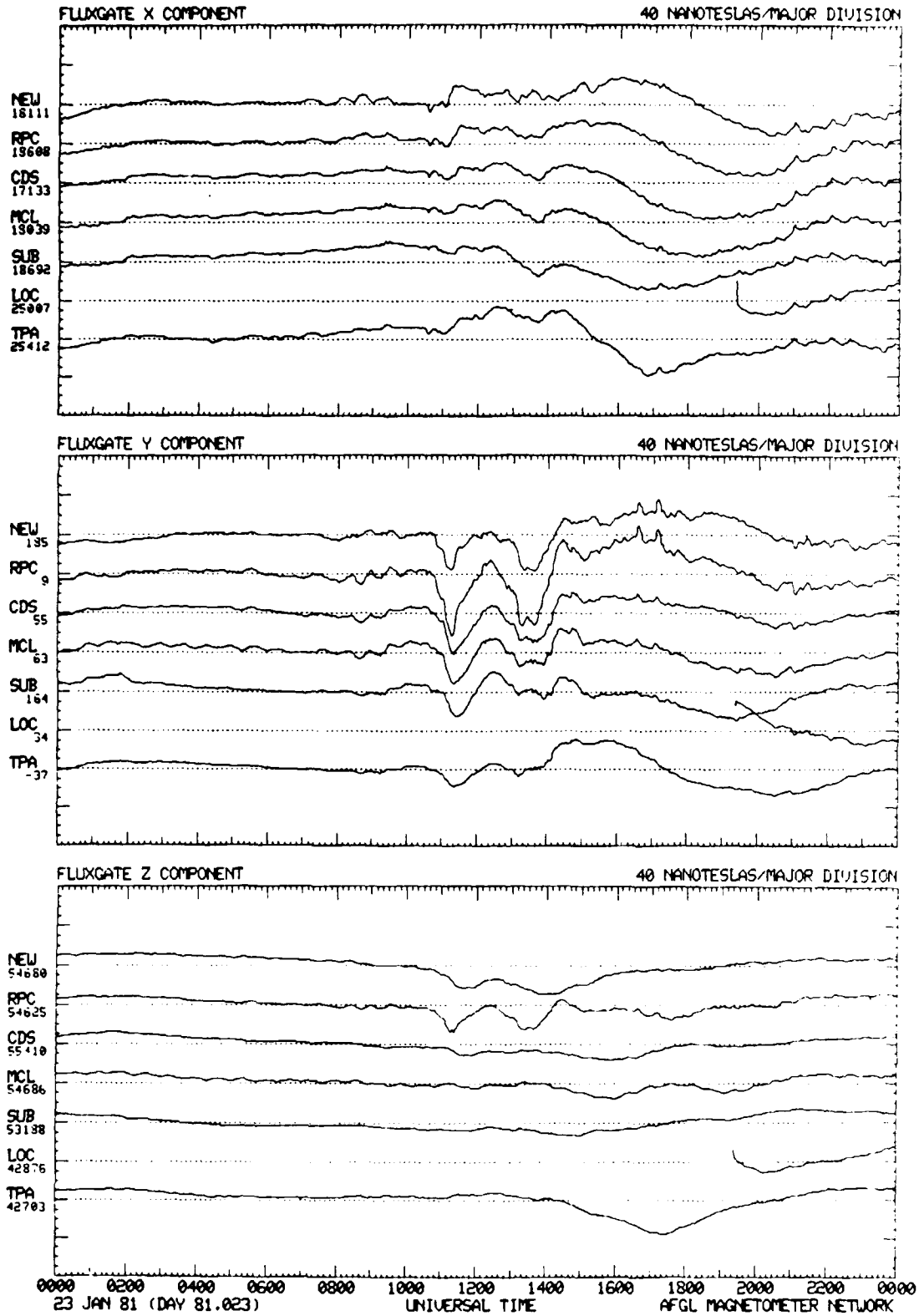

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18109
RPC 18593
CDS 17141
MCL 18037
SUB 18689
LOC 25022
TPA 25406
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 185
RPC 11
CDS 53
MCL 68
SUB 169
LOC 39
TPA -28
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54687
RPC 54619
CDS 55407
MCL 54687
SUB 53189
LOC 42889
TPA 42706
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 JAN 81 (DAY 81.018)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

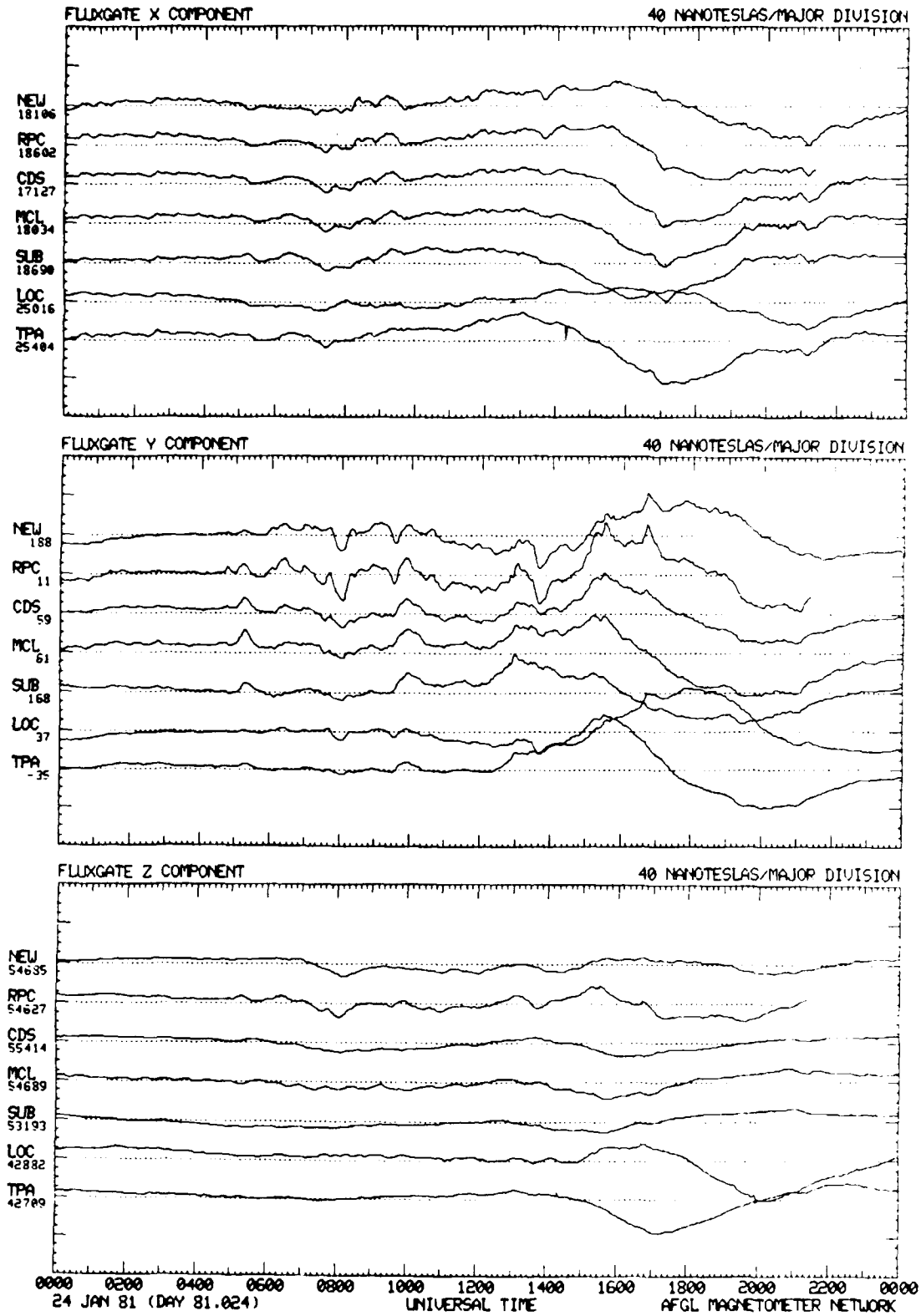

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18118
RPC
18604
CDS
17148
MCL
18046
SUB
18699
LOC
25029
TPA
25416
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
184
RPC
13
CDS
54
MCL
7
SUB
172
LOC
37
TPA
-32
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54685
RPC
54624
CDS
55407
MCL
54685
SUB
53189
LOC
42886
TPA
42700
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 JAN 81 (DAY 81.019)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

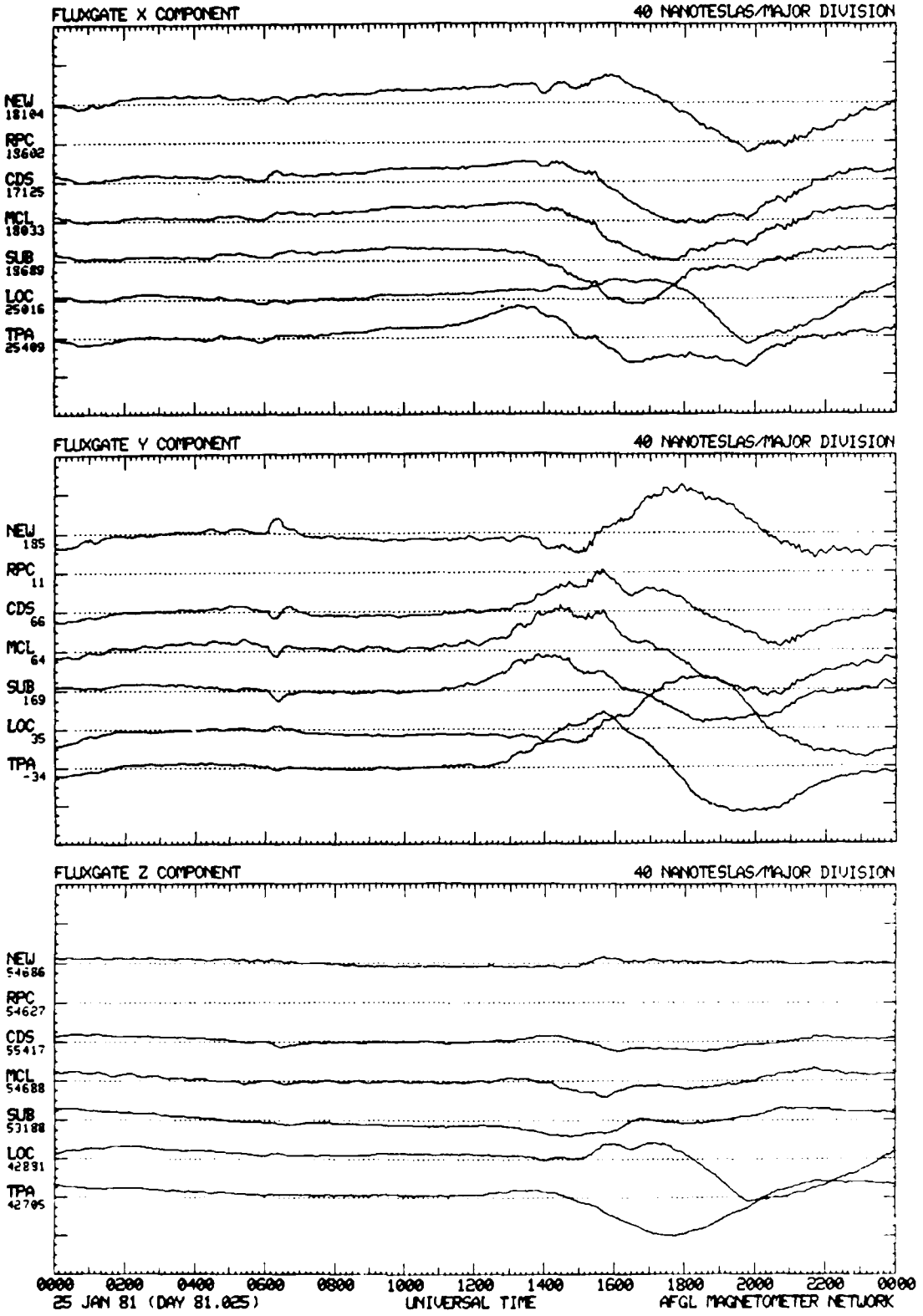

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18114
RPC 18599
CDS 17142
MCL 18943
SUB 18696
LOC 25931
TPA 25412
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 183
RPC 9
CDS 54
MCL 71
SUB 174
LOC 35
TPA -31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54682
RPC 54619
CDS 55408
MCL 54686
SUB 53194
LOC 42887
TPA 42704
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 JAN 81 (DAY 81.020)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

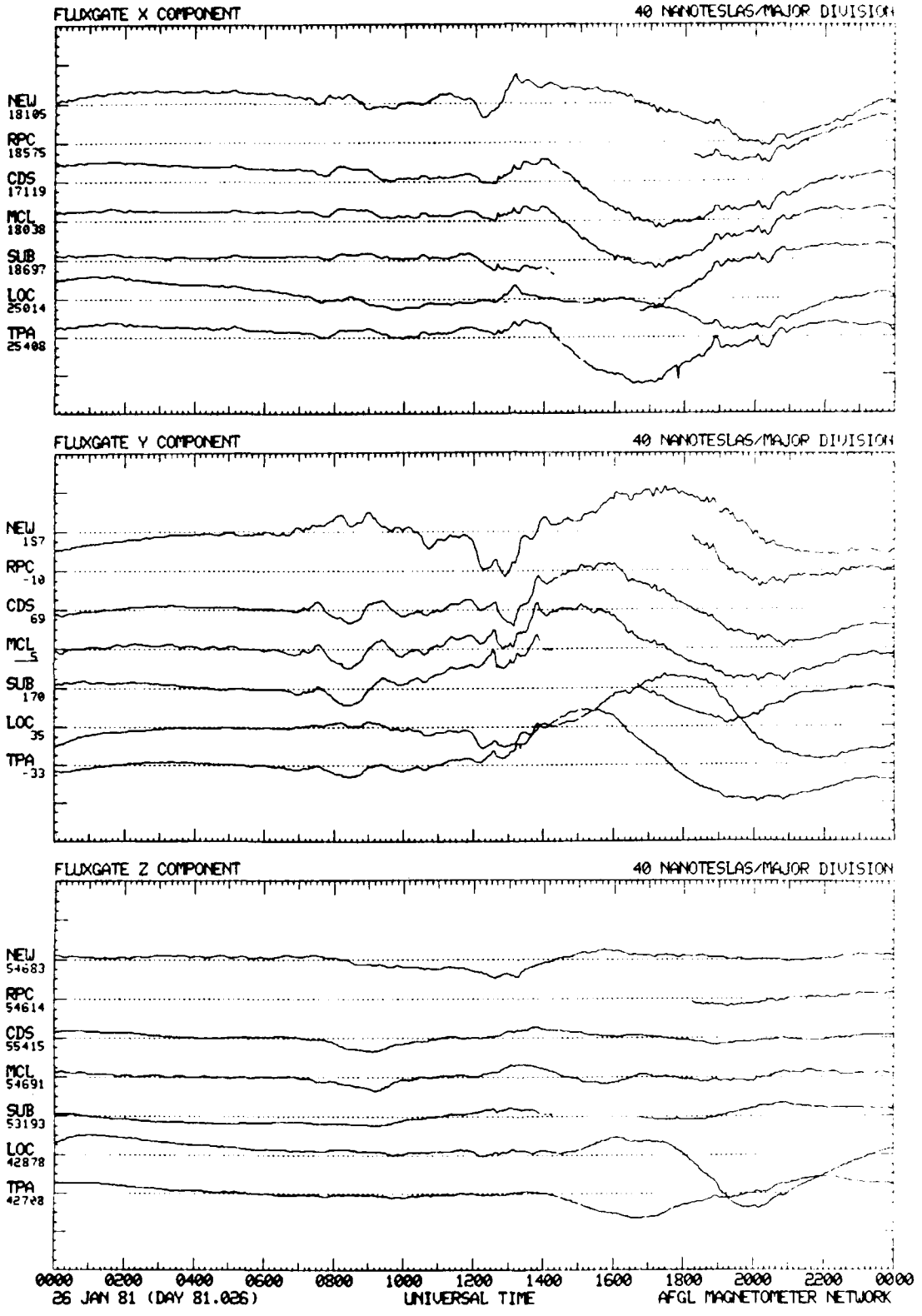

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18116
RPC 18603
CDS 17141
MCL 18043
SUB 18696
LOC 25034
TPA 25422
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 185
RPC 10
CDS 55
MCL 72
SUB 167
LOC 36
TPA -33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54684
RPC 54617
CDS 55403
MCL 54686
SUB 53183
LOC 42987
TPA 42709
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 JAN 81 (DAY 81.021)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

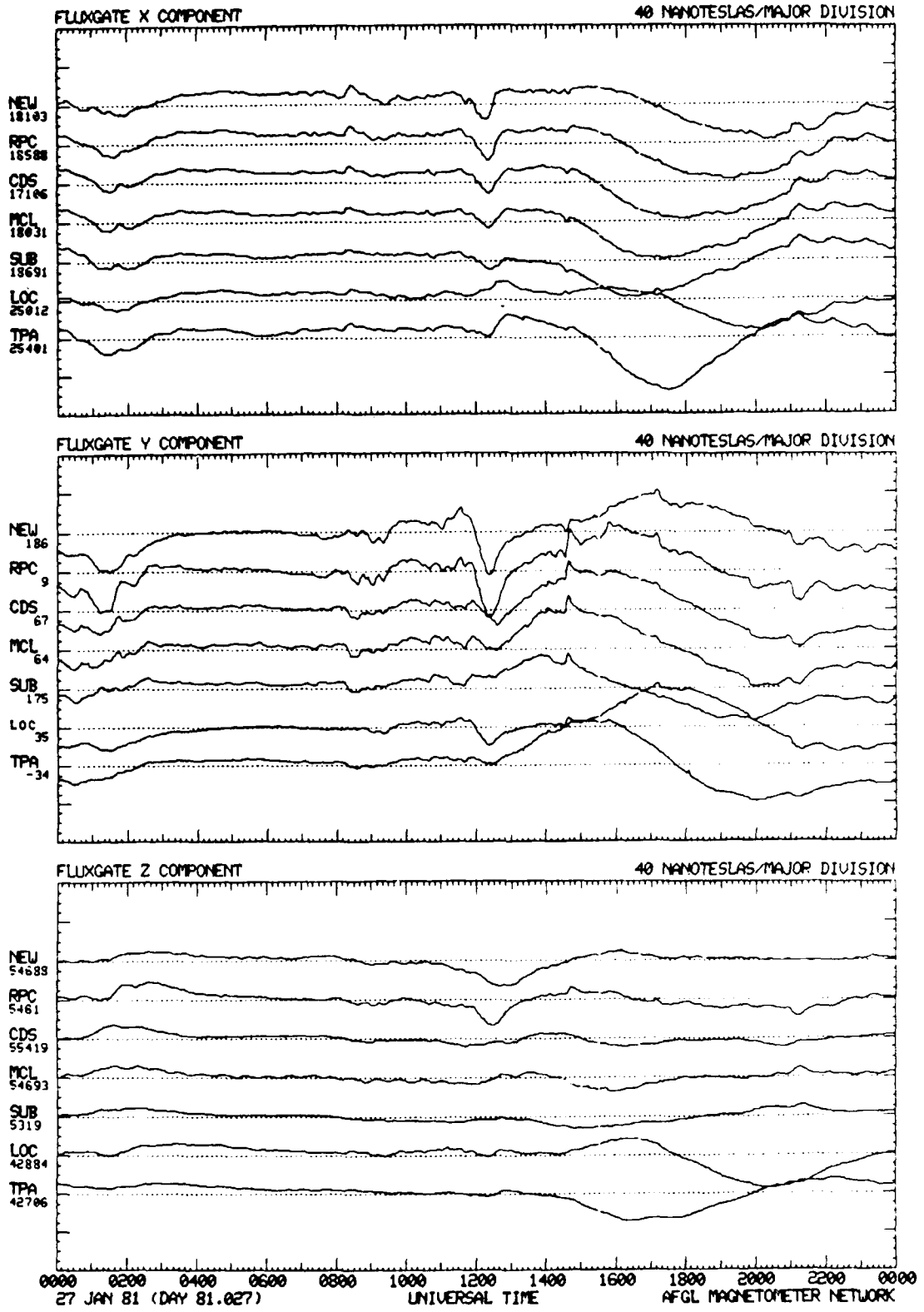

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13120
RPC 18610
CDS 17140
MCL 18045
SUB 18698
LOC 25047
TPA 25420
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 185
RPC 9
CDS 55
MCL 66
SUB 168
LOC 33
TPA -32
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54682
RPC 54621
CDS 55406
MCL 54684
SUB 53183
LOC 42888
TPA 42704
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 JAN 81 (DAY 81.022)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

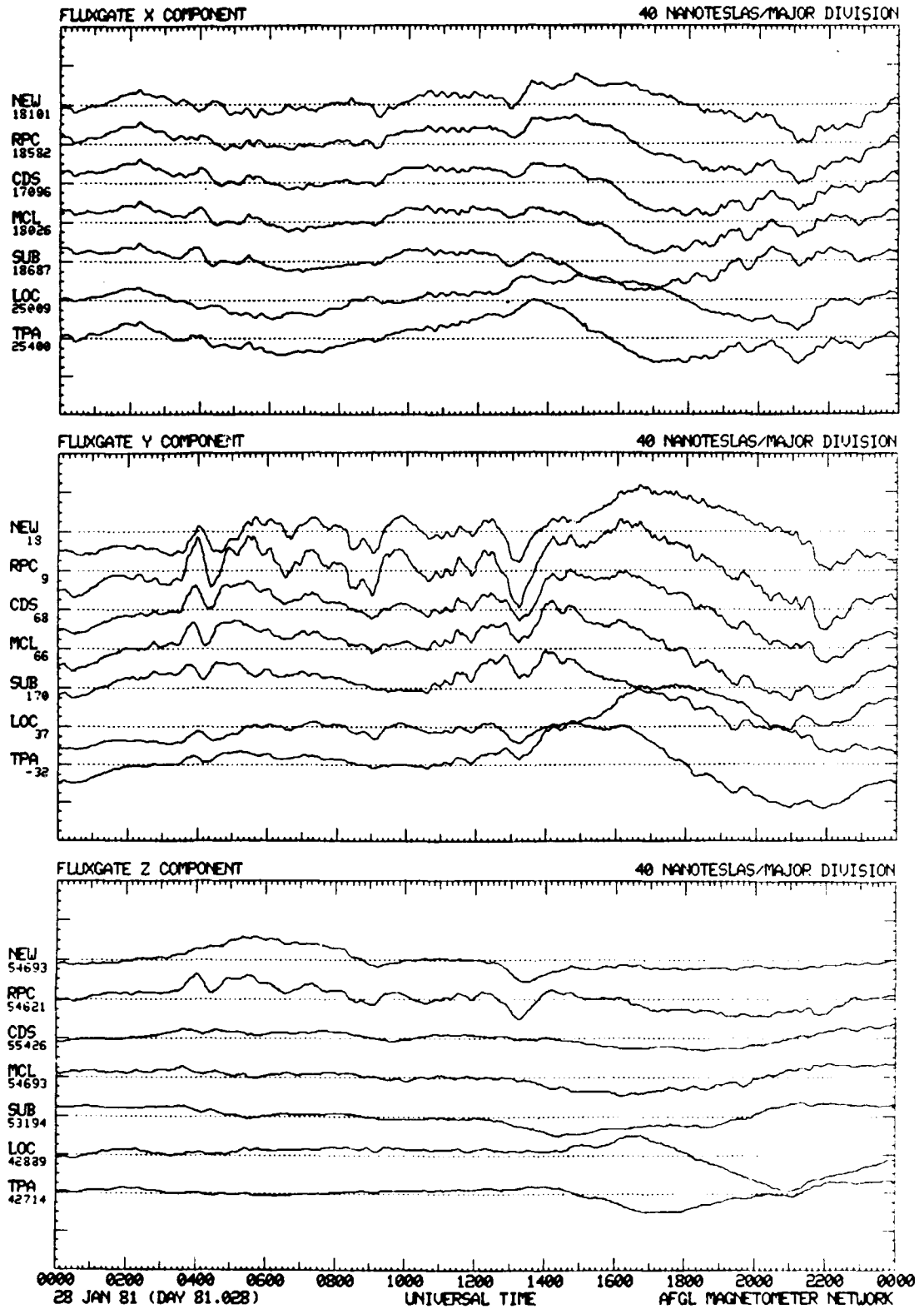

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18111
RPC 19608
CDS 17133
MCL 19039
SUB 18692
LOC 25007
TPA 25412
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 135
RPC 9
CDS 55
MCL 63
SUB 164
LOC 34
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54680
RPC 54625
CDS 55410
MCL 54686
SUB 53138
LOC 42876
TPA 42703
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 JAN 81 (DAY 81.023)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

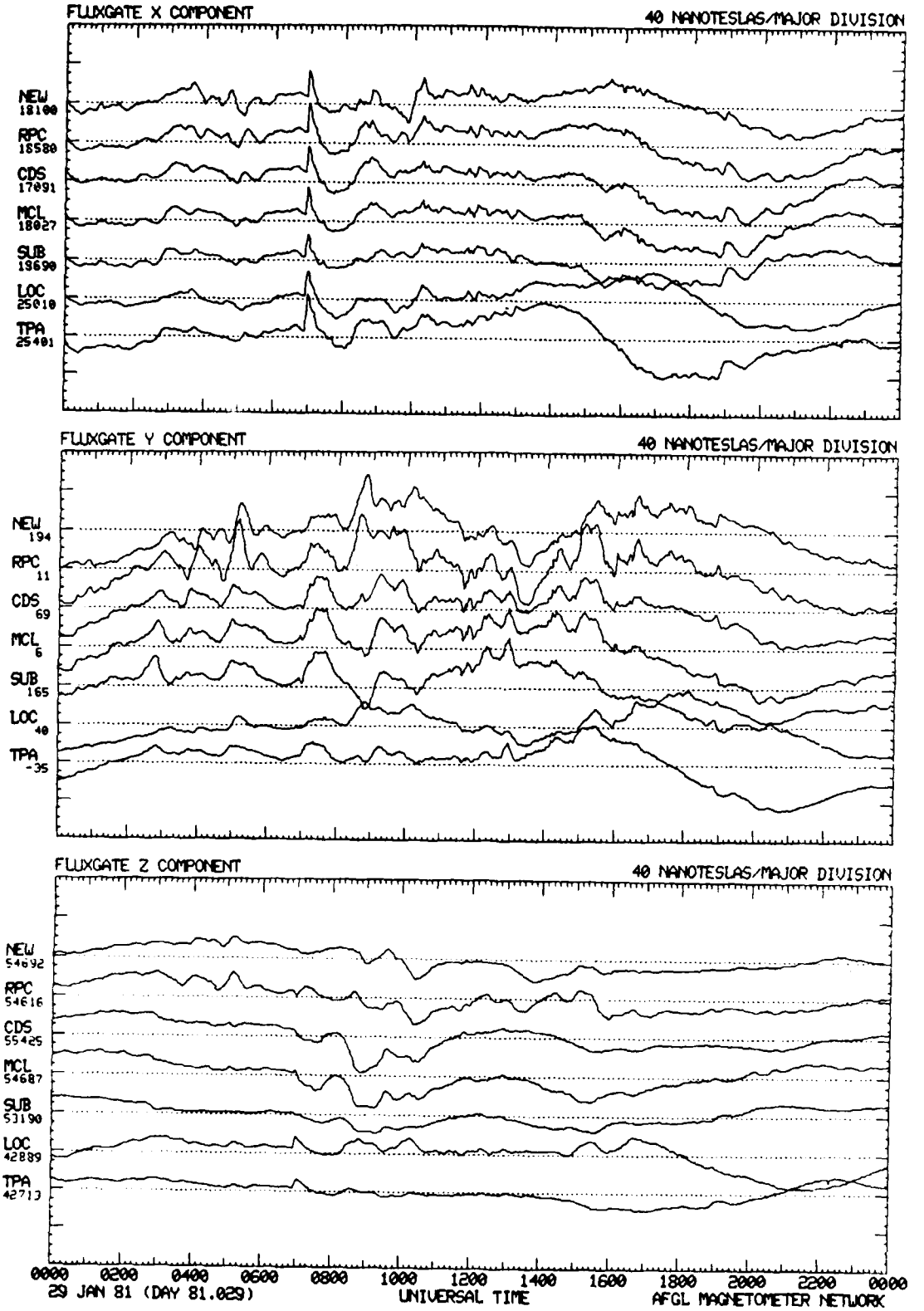

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18106
RPC 18602
CDS 17127
MCL 18034
SUB 18690
LOC 25016
TPA 25404
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 188
RPC 11
CDS 59
MCL 61
SUB 168
LOC 37
TPA -35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54635
RPC 54627
CDS 55414
MCL 54689
SUB 53193
LOC 42882
TPA 42709
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 JAN 81 (DAY 81.024)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

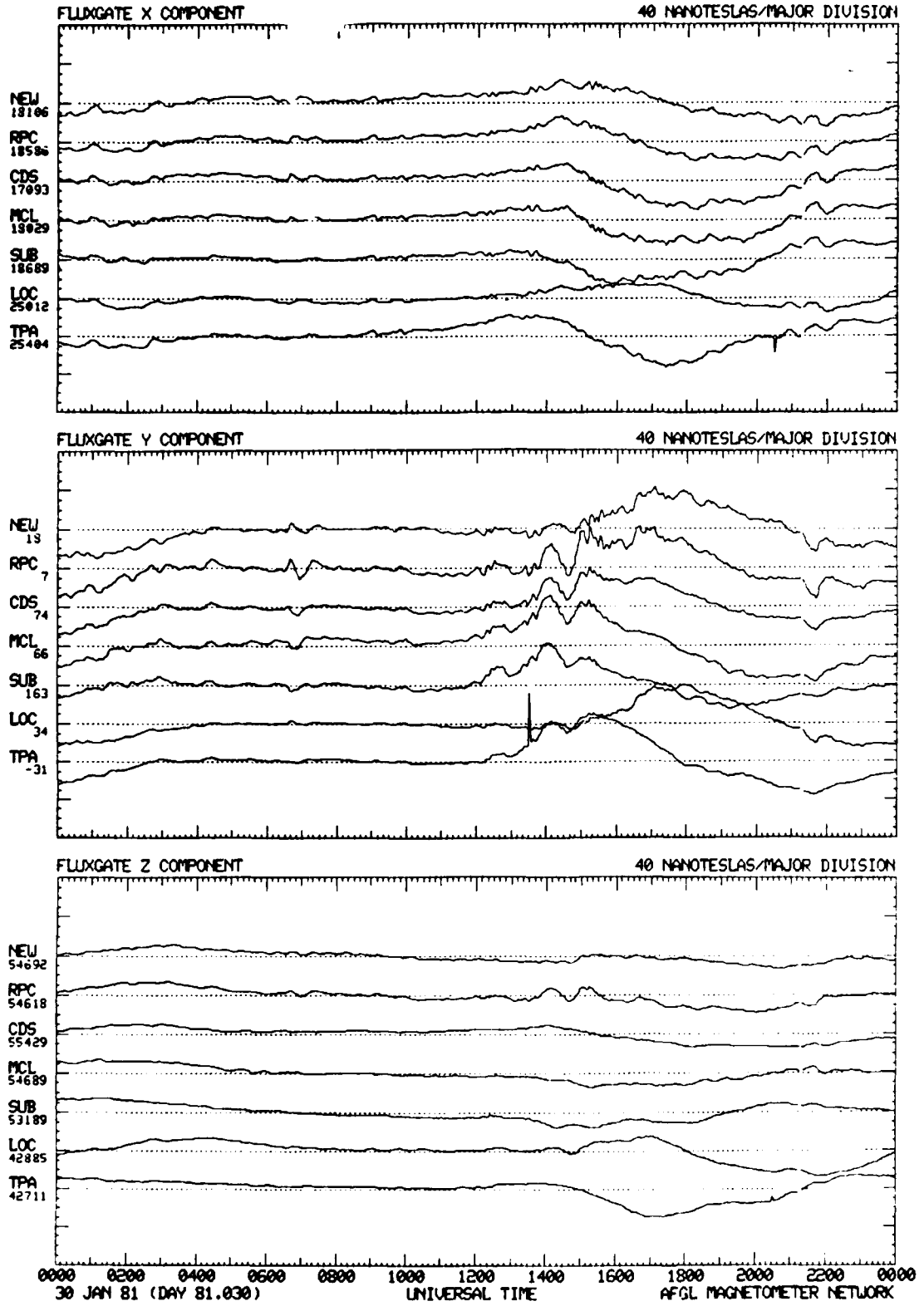

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18104
RPC 13602
CDS 17125
MCL 18033
SUB 13689
LOC 25016
TPA 25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 185
RPC 11
CDS 66
MCL 64
SUB 169
LOC 35
TPA -34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54686
RPC 54627
CDS 55417
MCL 54688
SUB 53188
LOC 42891
TPA 42705
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 JAN 81 (DAY 81.025)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18105
RPC
18575
CDS
17119
MCL
18038
SUB
18697
LOC
25014
TPA
25408
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
157
RPC
-10
CDS
69
MCL
-5
SUB
170
LOC
35
TPA
-33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54683
RPC
54614
CDS
55415
MCL
54691
SUB
53193
LOC
42878
TPA
42708
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 JAN 81 (DAY 81.026)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18103
RPC 18588
CDS 17106
MCL 18031
SUB 18691
LOC 25012
TPA 25401
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 186
RPC 9
CDS 67
MCL 64
SUB 175
LOC 35
TPA -34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54688
RPC 5461
CDS 55419
MCL 54693
SUB 5319
LOC 42884
TPA 42706
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 JAN 81 (DAY 81.027)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18101
RPC 18582
CDS 17096
MCL 18026
SUB 18687
LOC 25009
TPA 25400
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13
RPC 9
CDS 68
MCL 66
SUB 170
LOC 37
TPA -32
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54693
RPC 54621
CDS 55426
MCL 54693
SUB 53194
LOC 42889
TPA 42714
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 JAN 81 (DAY 81.028)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18100
RPC 18580
CDS 17091
MCL 18027
SUB 19690
LOC 25010
TPA 25401
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 194
RPC 11
CDS 69
MCL 6
SUB 165
LOC 40
TPA -35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54692
RPC 54616
CDS 55425
MCL 54687
SUB 53190
LOC 42889
TPA 42713
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 JAN 81 (DAY 81.029)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18106
RPC 18586
CDS 17093
MCL 19029
SUB 18689
LOC 25012
TPA 25404
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18
RPC 7
CDS 74
MCL 66
SUB 163
LOC 34
TPA -31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54692
RPC 54618
CDS 55429
MCL 54689
SUB 53189
LOC 42885
TPA 42711
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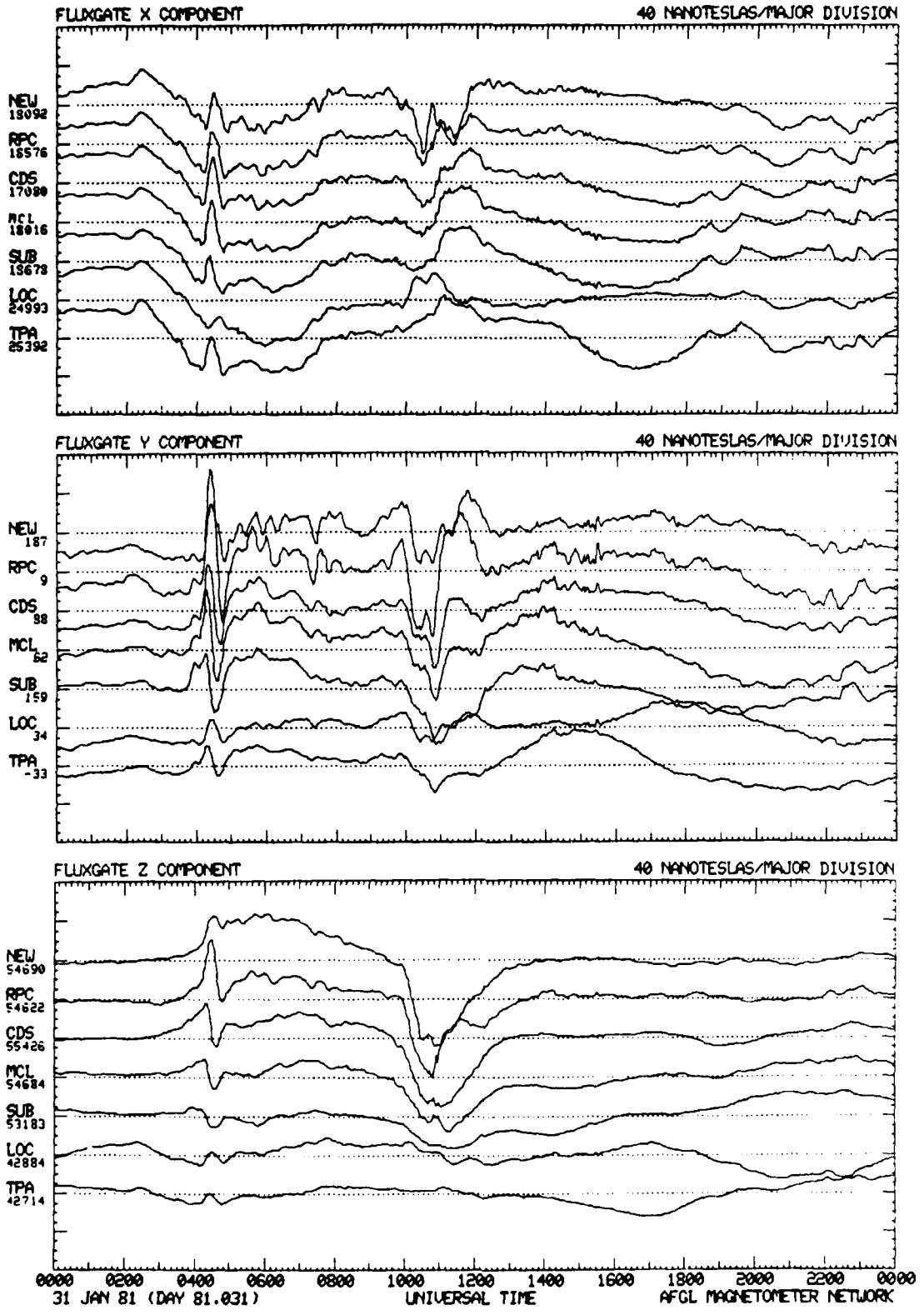
30 JAN 81 (DAY 81.030)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18092
RPC 18576
CDS 17080
MCL 18016
SUB 19678
LOC 24993
TPA 25392
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 187
RPC 9
CDS 88
MCL 62
SUB 159
LOC 34
TPA -33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54690
RPC 54622
CDS 55426
MCL 54684
SUB 53183
LOC 42884
TPA 42714
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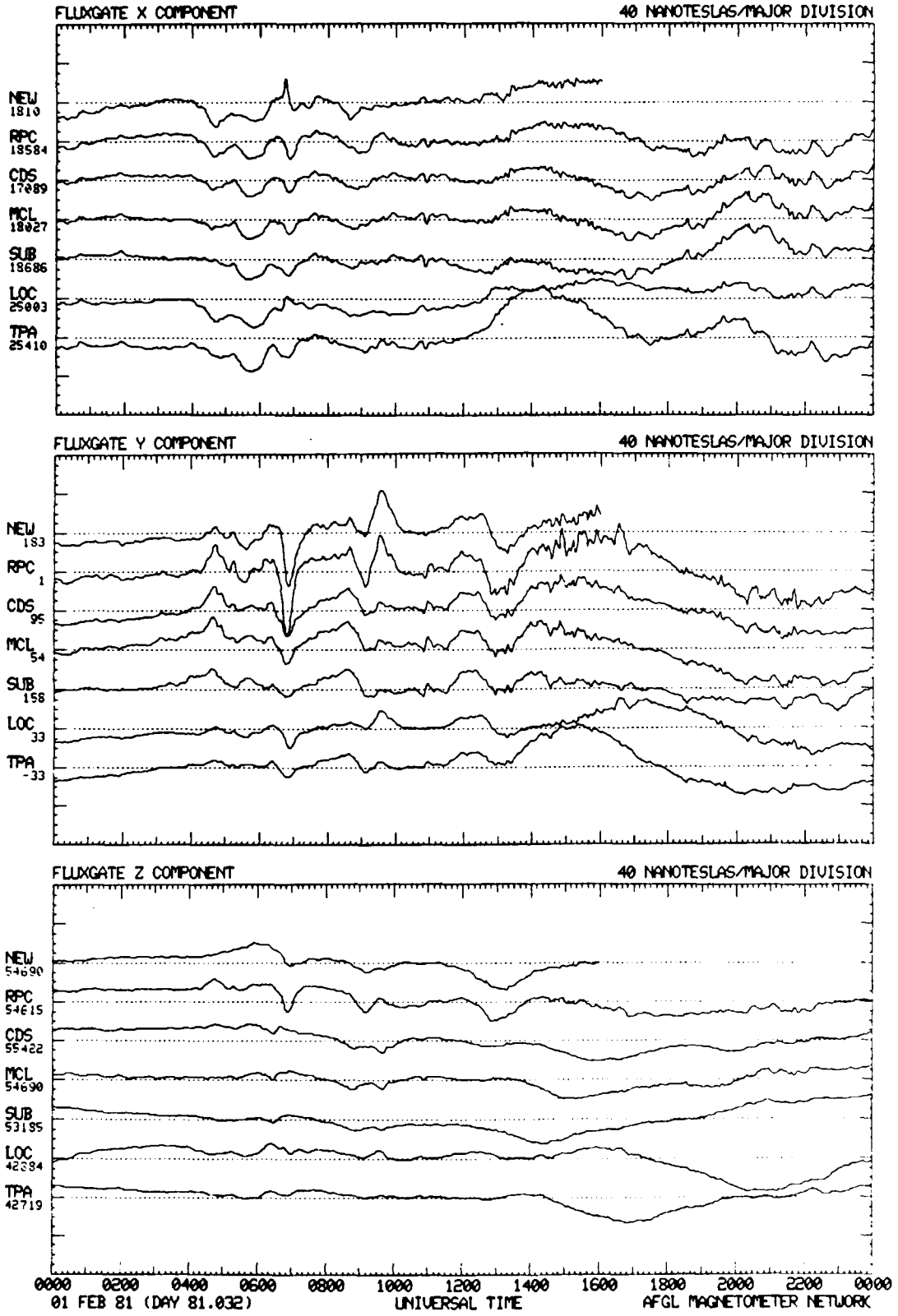
31 JAN 81 (DAY 81.031)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 1810
RPC 18584
CDS 17089
MCL 18927
SUB 18686
LOC 25003
TPA 25410
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 183
RPC 1
CDS 95
MCL 54
SUB 158
LOC 33
TPA -33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54690
RPC 54615
CDS 55422
MCL 54690
SUB 53185
LOC 42884
TPA 42719
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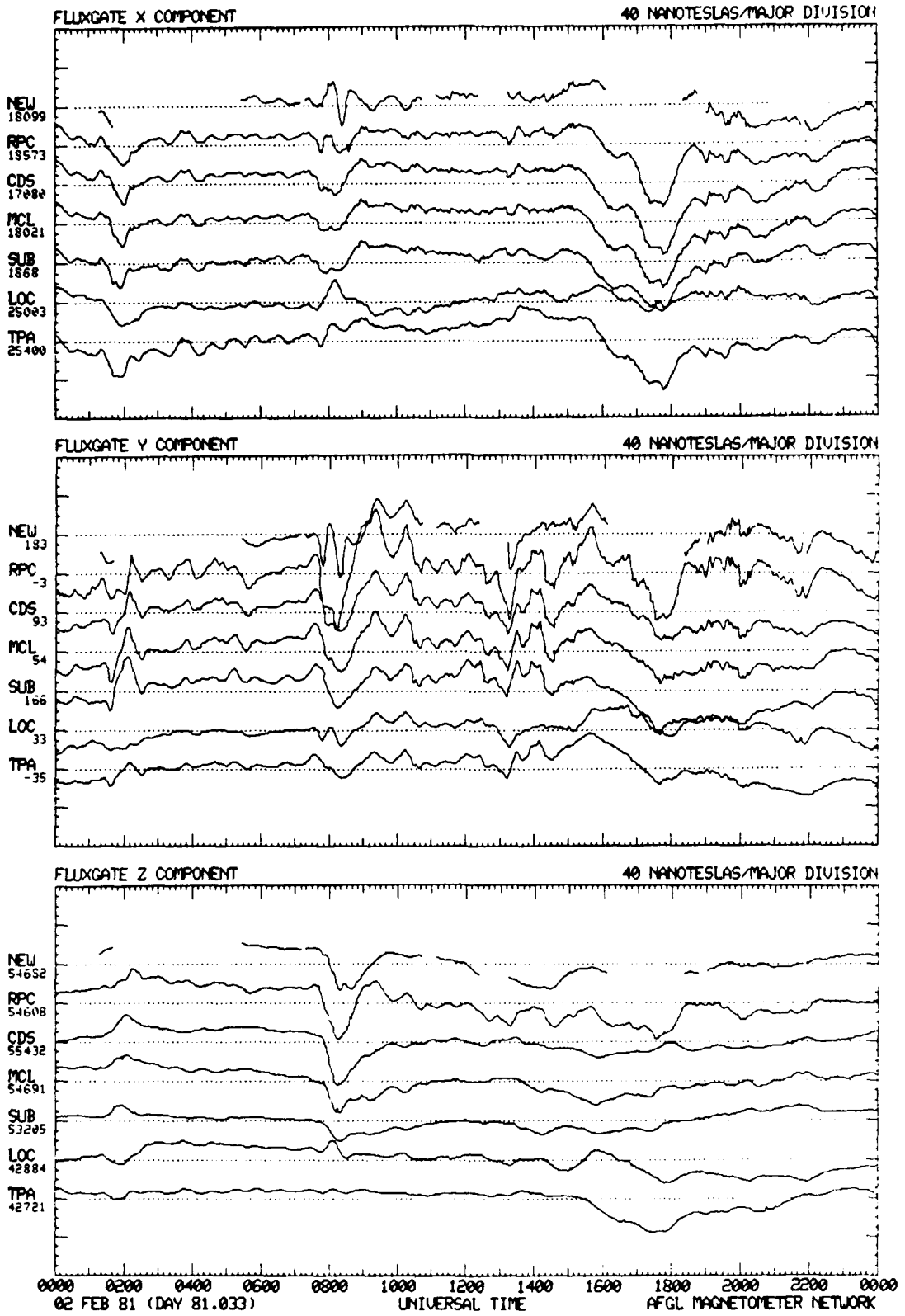
01 FEB 81 (DAY 81.032)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18099
RPC 19573
CDS 17080
MCL 18021
SUB 1868
LOC 25003
TPA 25400
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 183
RPC -3
CDS 93
MCL 54
SUB 166
LOC 33
TPA -35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54652
RPC 54608
CDS 55432
MCL 54691
SUB 53205
LOC 42884
TPA 42721
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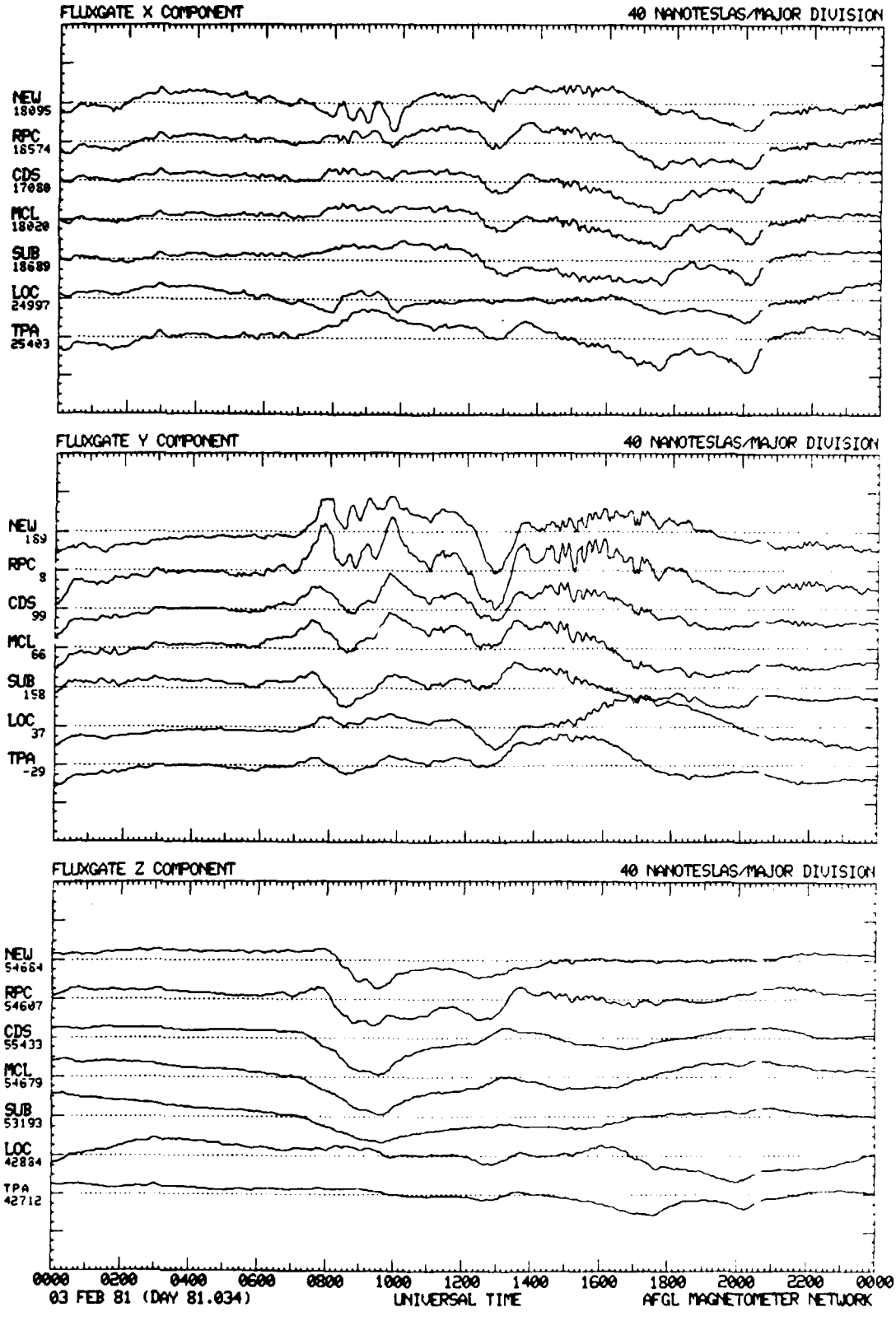
02 FEB 81 (DAY 81.033)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18095
RPC 18574
CDS 17080
MCL 18020
SUB 18689
LOC 24997
TPA 25403
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 169
RPC 8
CDS 99
MCL 66
SUB 158
LOC 37
TPA -29
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54684
RPC 54607
CDS 55433
MCL 54679
SUB 53193
LOC 42884
TPA 42712
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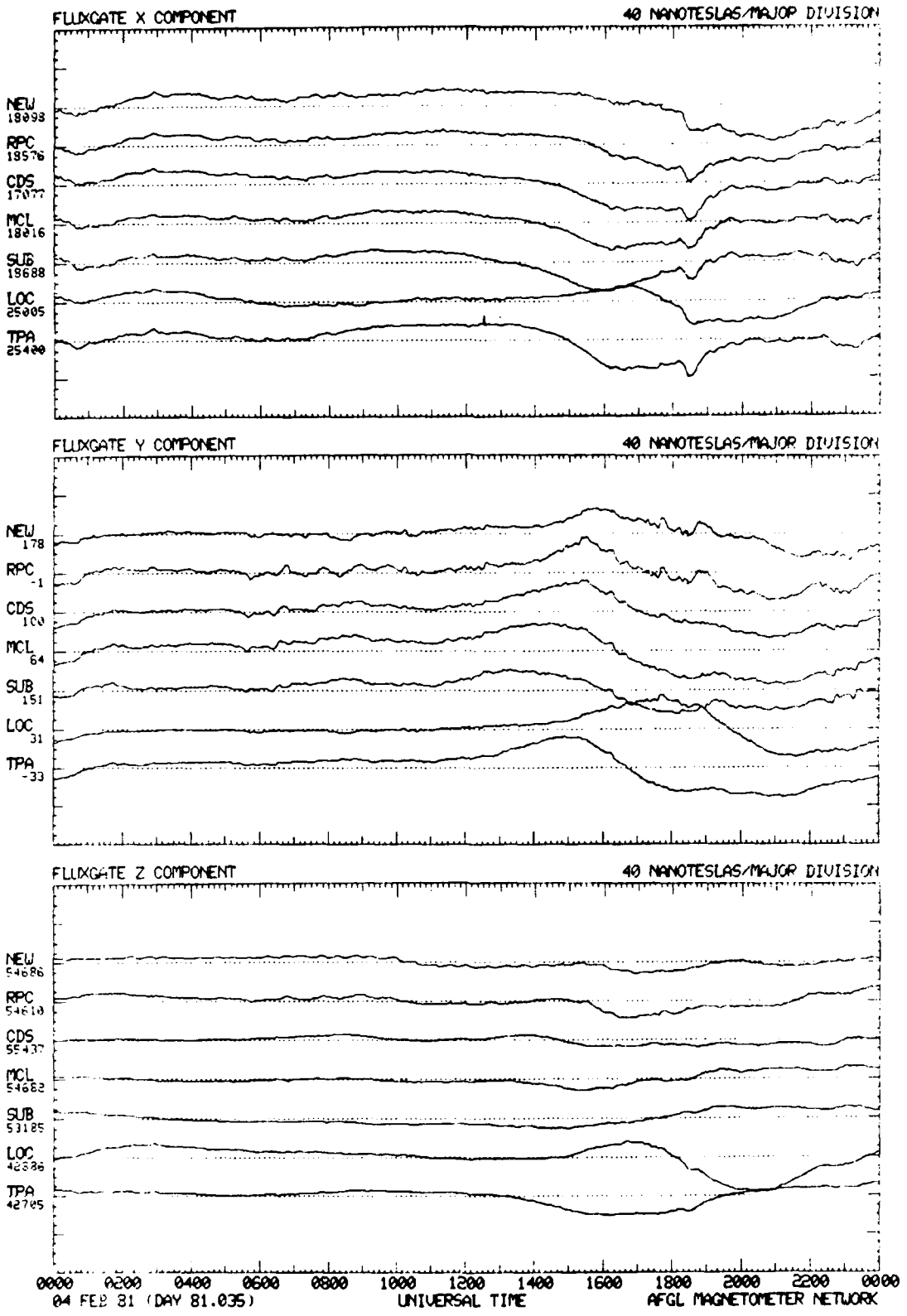
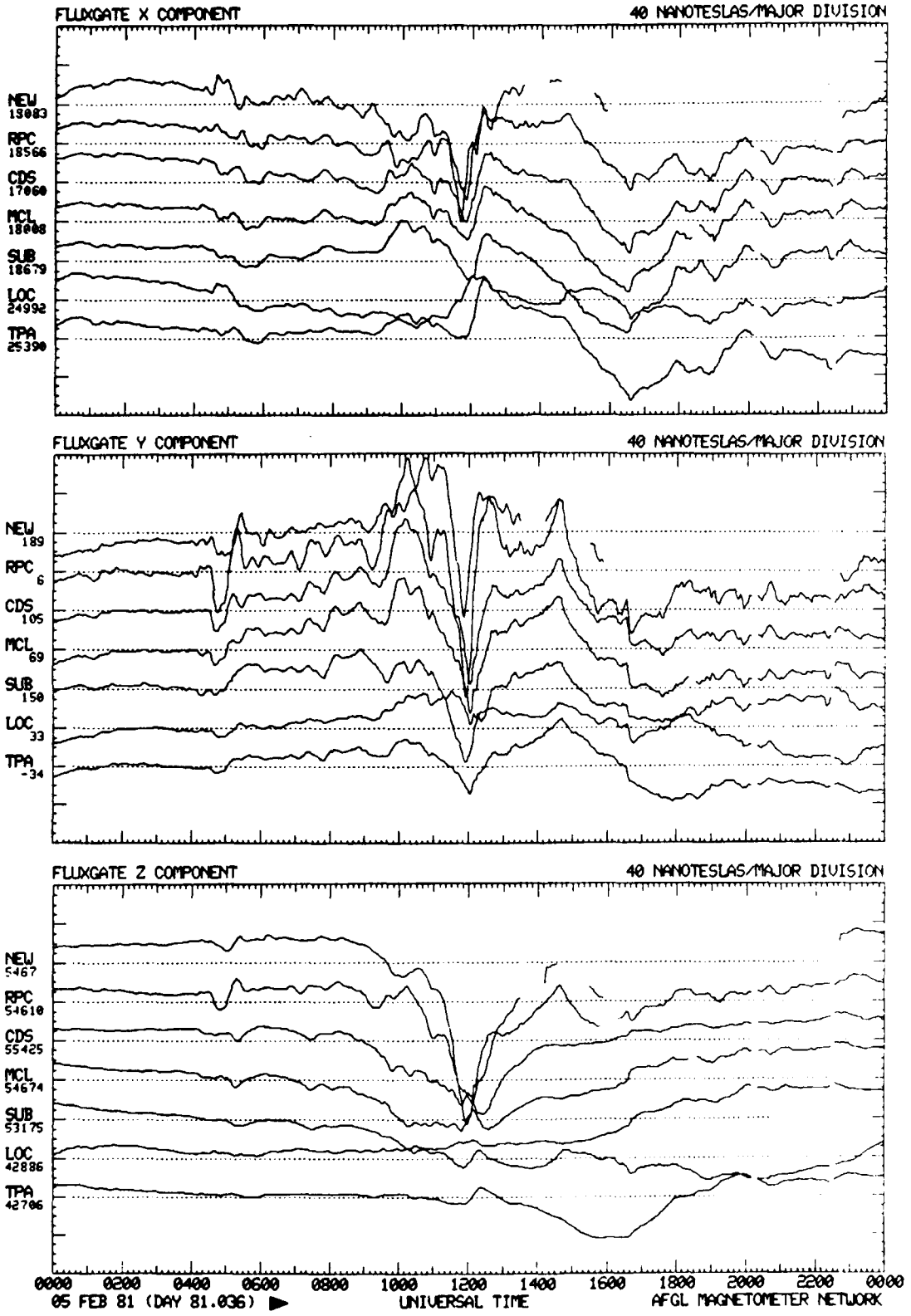
03 FEB 81 (DAY 81.034)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18093
RPC 18576
CDS 17077
MCL 18016
SUB 18688
LOC 25005
TPA 25400
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 178
RPC -1
CDS 100
MCL 64
SUB 151
LOC 31
TPA -33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54686
RPC 54610
CDS 55437
MCL 54682
SUB 53185
LOC 42886
TPA 42705
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 FEB 81 (DAY 81.035)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 13083
RPC 18566
CDS 17060
MCL 18008
SUB 18679
LOC 24992
TPA 25390
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 189
RPC 6
CDS 105
MCL 69
SUB 150
LOC 33
TPA -34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54671
RPC 54610
CDS 55425
MCL 54674
SUB 53175
LOC 42886
TPA 42706
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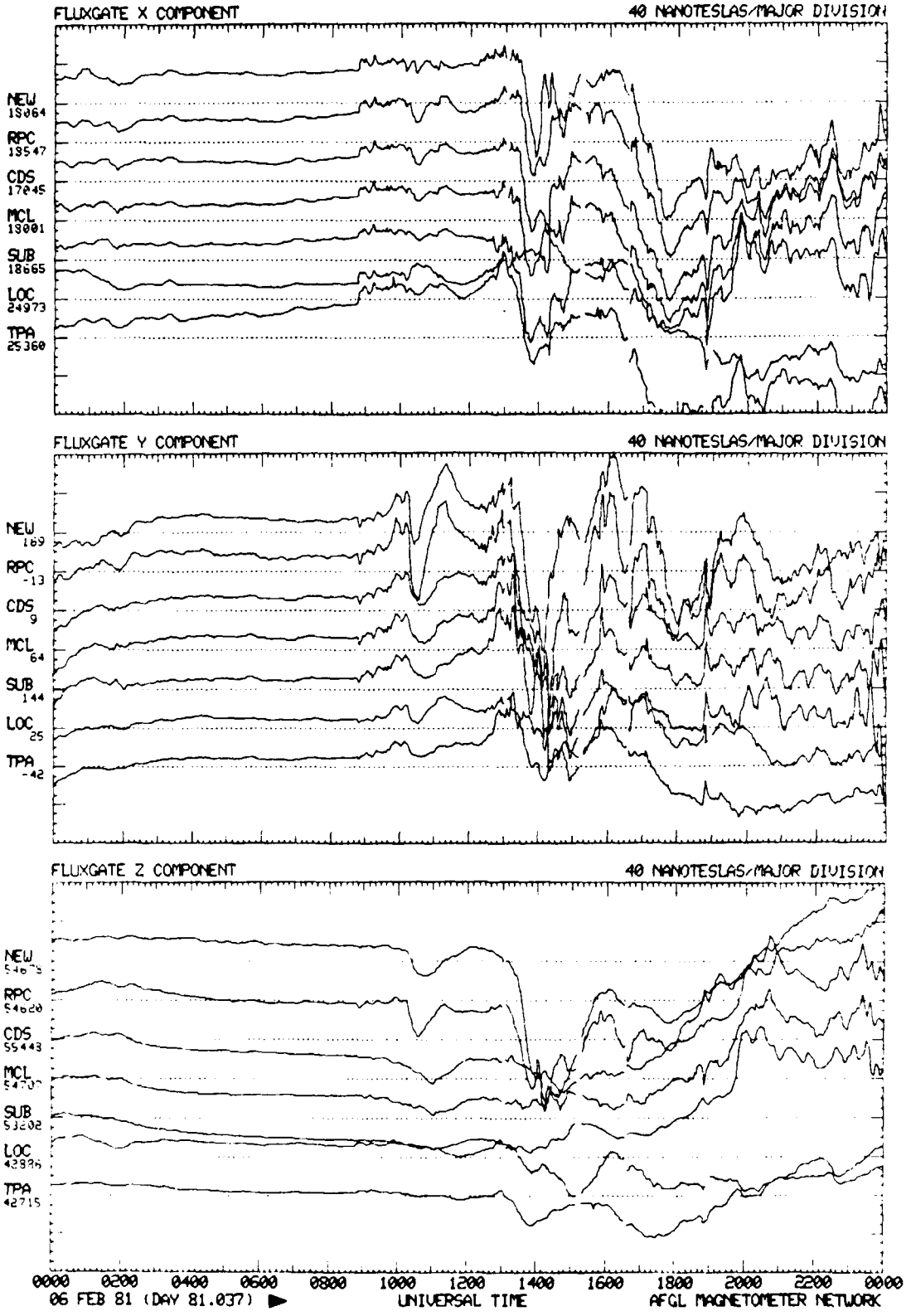
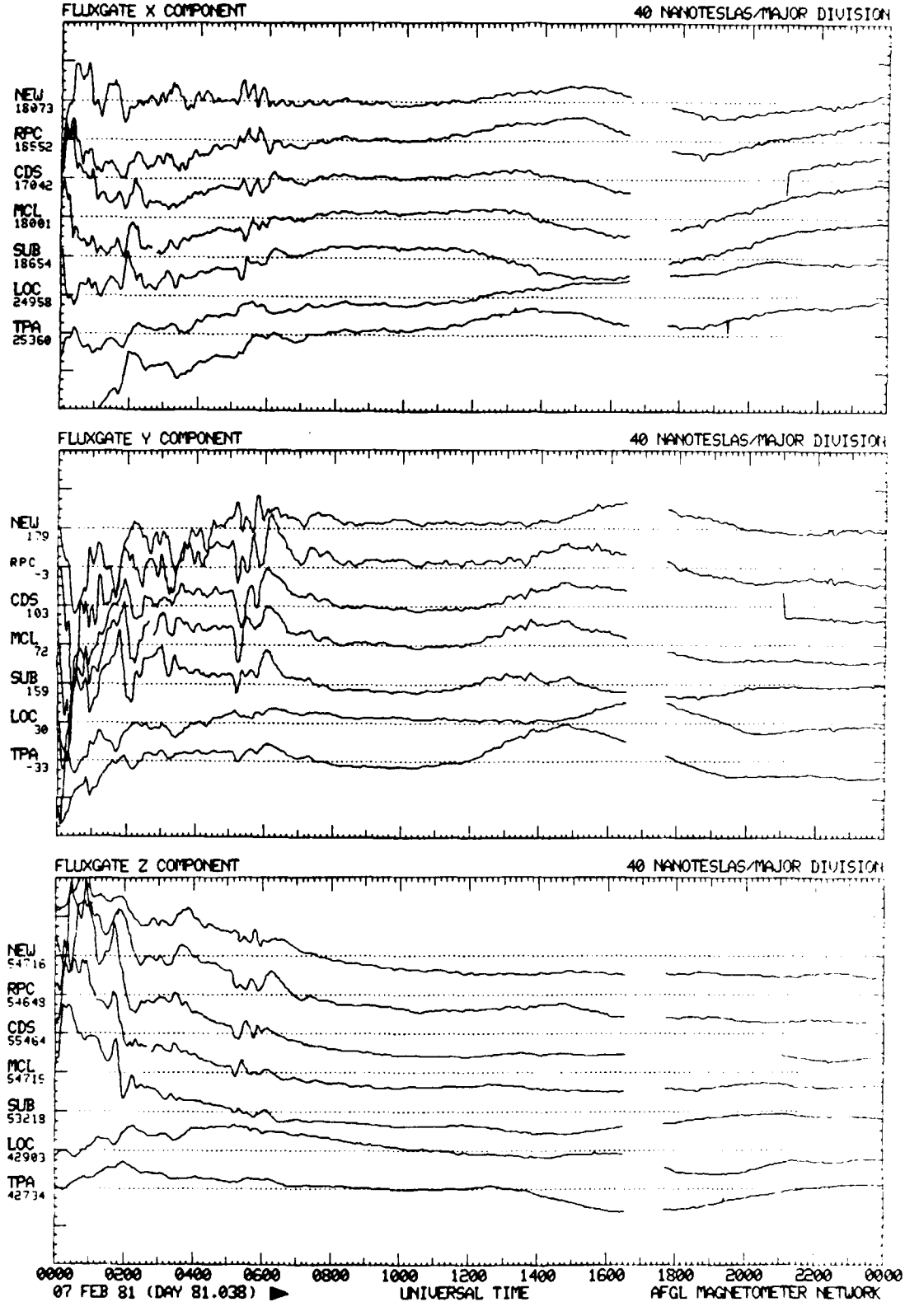
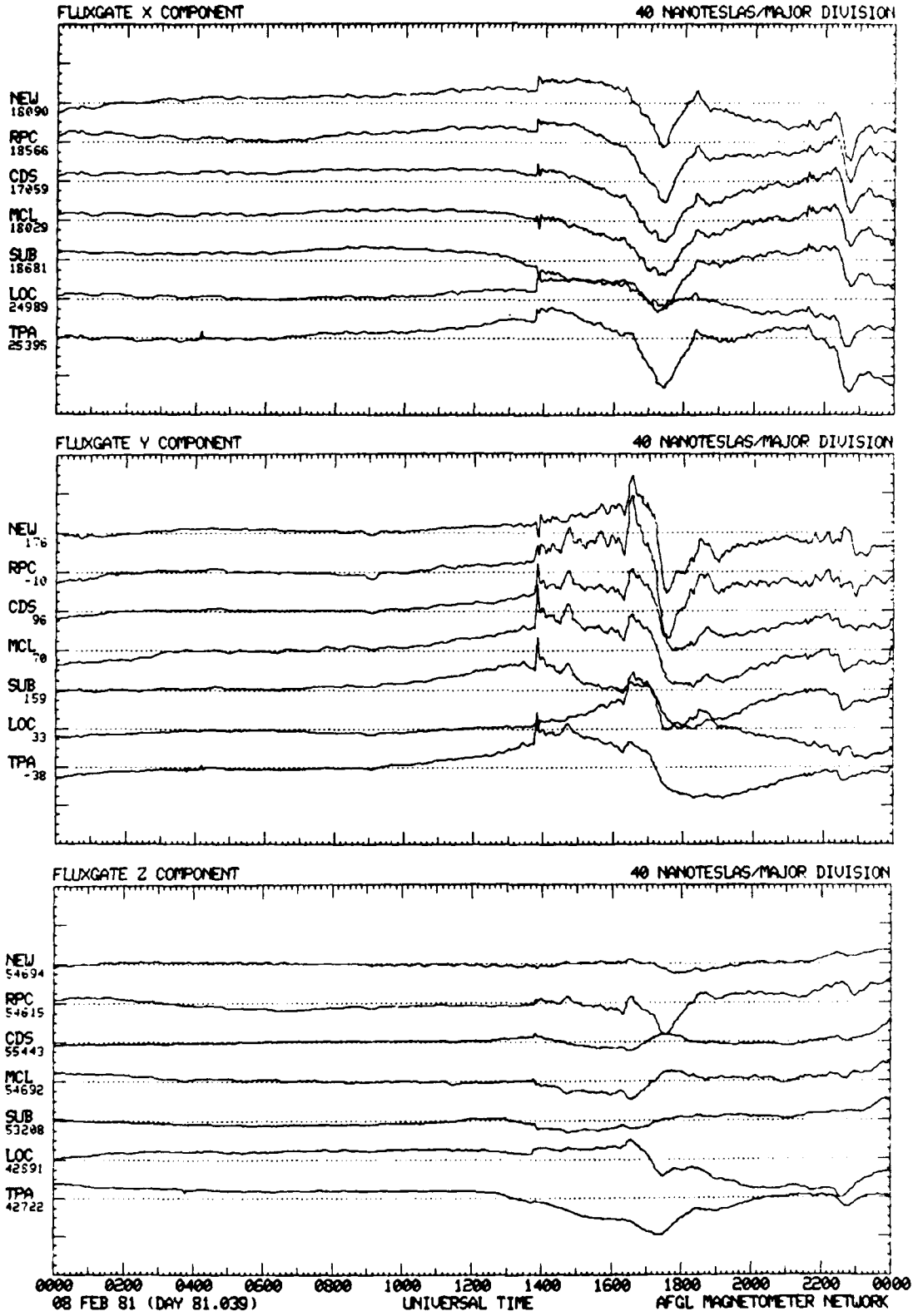
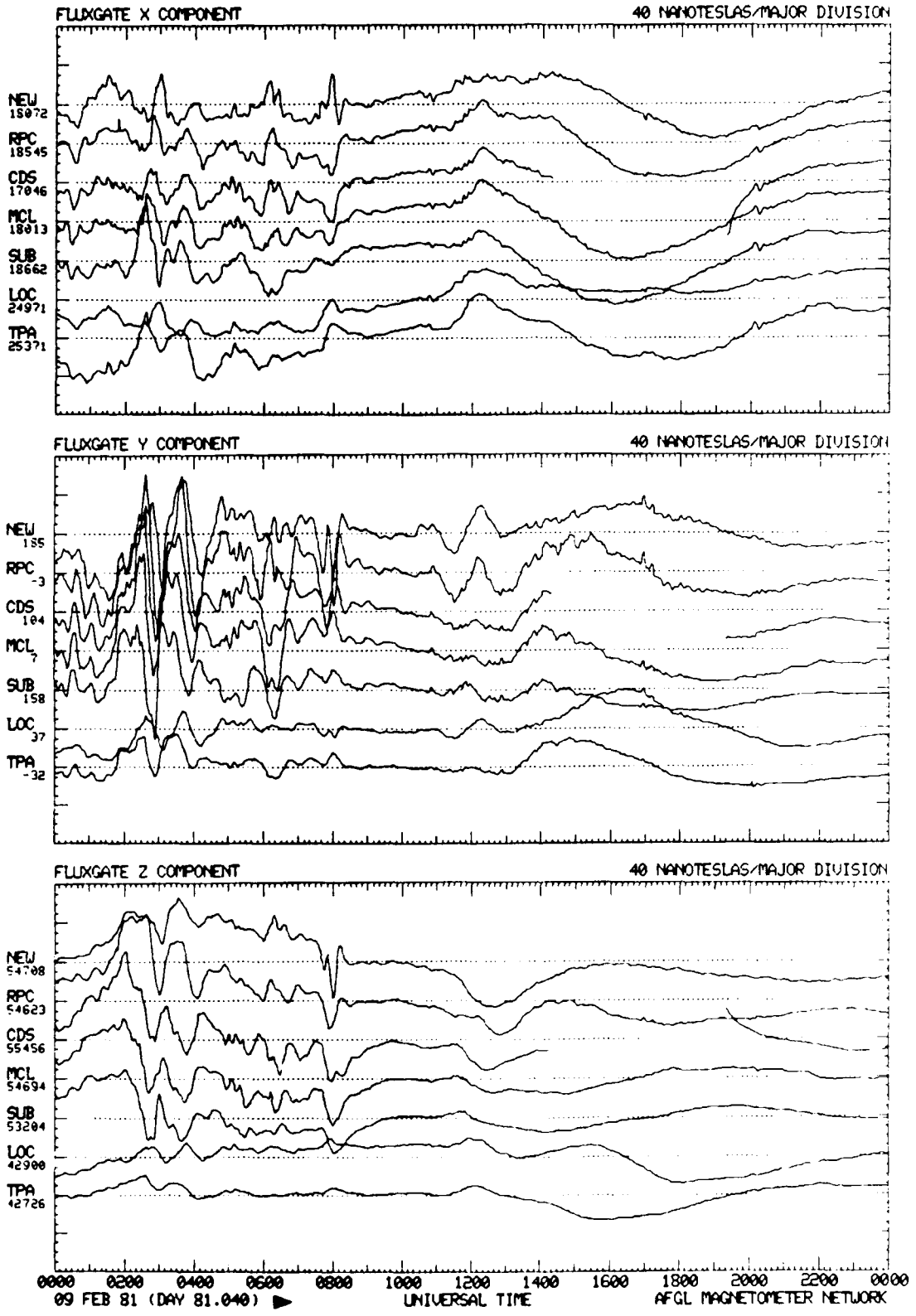
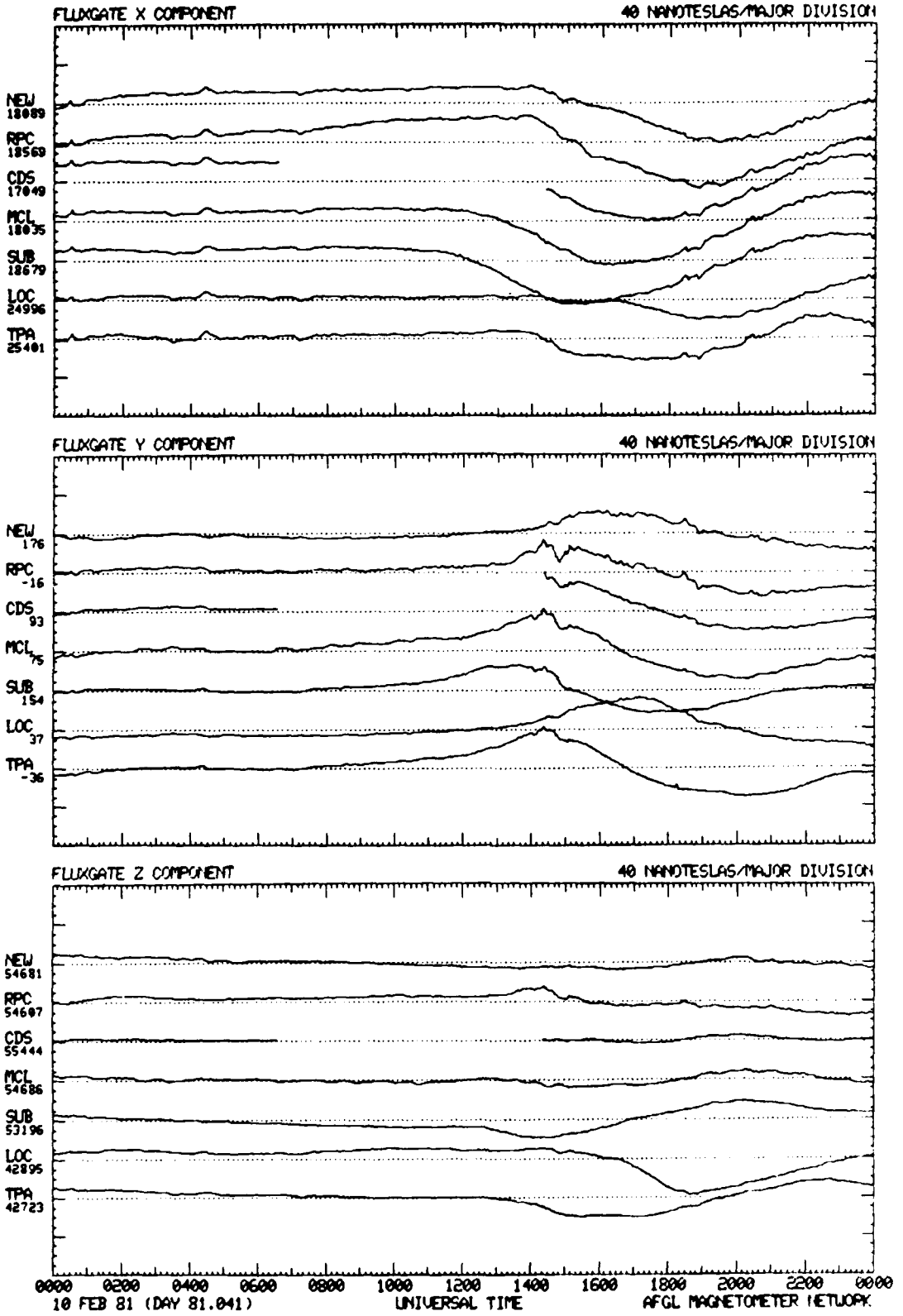
05 FEB 81 (DAY 81.036)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

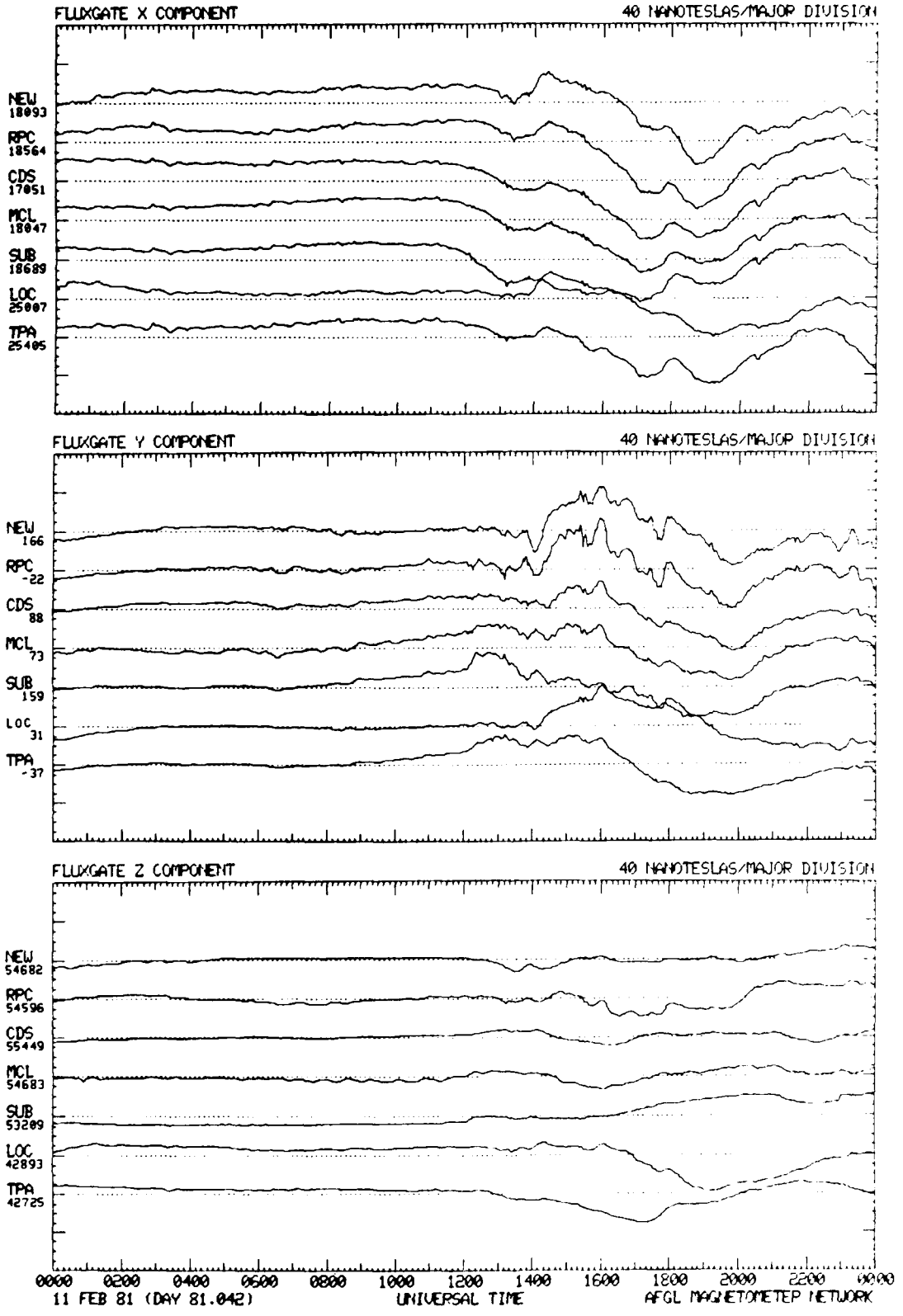

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18064
RPC
19547
CDS
17045
MCL
19001
SUB
18665
LOC
24973
TPA
25360
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
169
RPC
-13
CDS
9
MCL
64
SUB
144
LOC
25
TPA
-42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
RPC
54620
CDS
55443
MCL
SUB
53202
LOC
42896
TPA
42715
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 FEB 81 (DAY 81.037)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

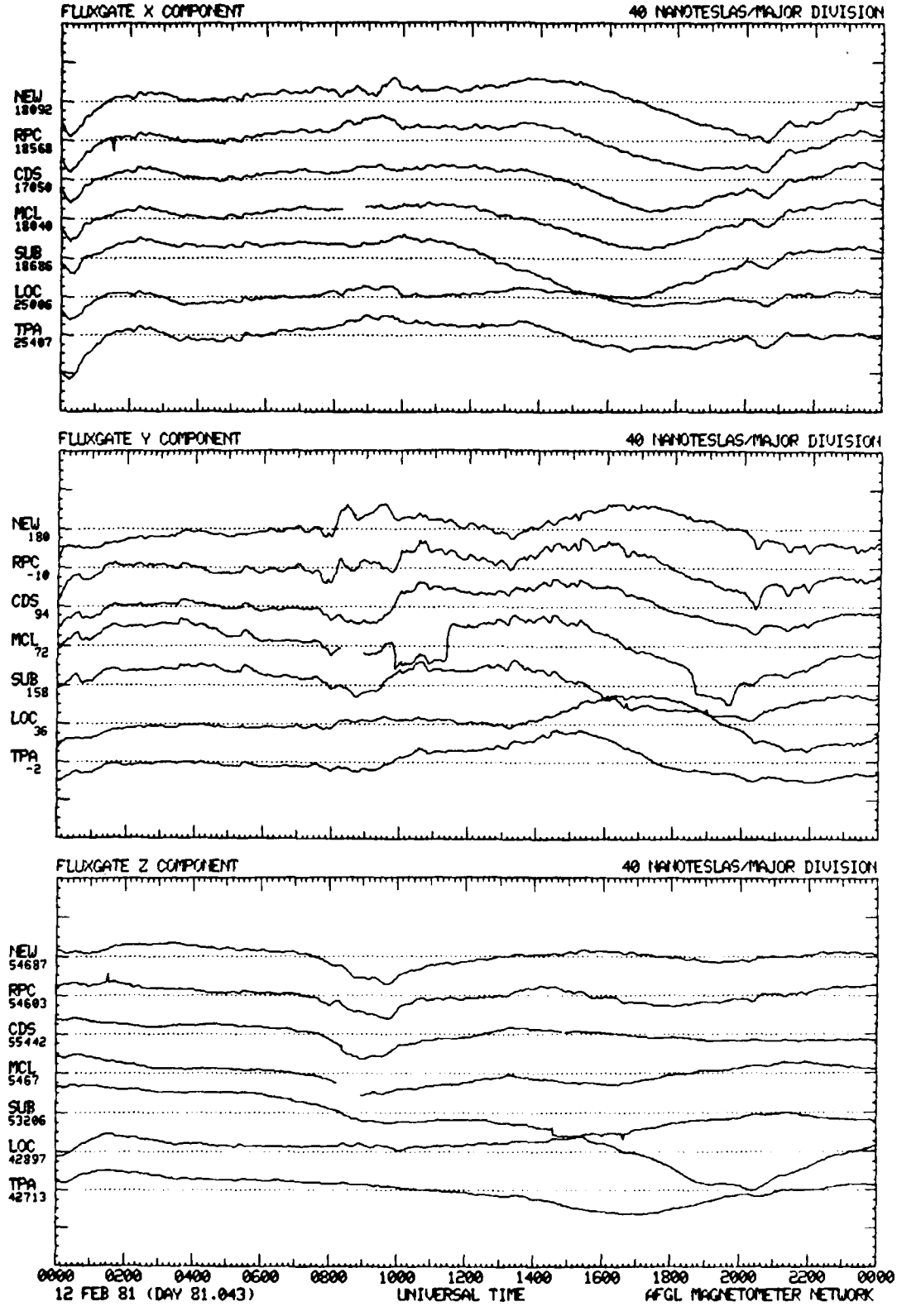

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18073
RPC 18552
CDS 17042
MCL 18001
SUB 18654
LOC 24958
TPA 25360
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 179
RPC -3
CDS 103
MCL 72
SUB 159
LOC 30
TPA -33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54716
RPC 54648
CDS 55464
MCL 54715
SUB 53218
LOC 42903
TPA 42734
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 FEB 81 (DAY 81.038)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18090
RPC 18566
CDS 17059
MCL 18029
SUB 18681
LOC 24989
TPA 25395
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 176
RPC -10
CDS 96
MCL 70
SUB 159
LOC 33
TPA -38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54694
RPC 54615
CDS 55443
MCL 54692
SUB 53208
LOC 42591
TPA 42722
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 FEB 81 (DAY 81.039)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18072
RPC 18545
CDS 17046
MCL 18013
SUB 18662
LOC 24971
TPA 25371
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 185
RPC -3
CDS 104
MCL 7
SUB 158
LOC 37
TPA -32
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54708
RPC 54623
CDS 55456
MCL 54694
SUB 53204
LOC 42900
TPA 42726
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 FEB 81 (DAY 81.040)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18089
RPC 18569
CDS 17049
MCL 18035
SUB 18679
LOC 24996
TPA 25401
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 176
RPC -16
CDS 93
MCL 75
SUB 154
LOC 37
TPA -36
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54681
RPC 54607
CDS 55444
MCL 54686
SUB 53196
LOC 42895
TPA 42723
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 FEB 81 (DAY 81.041)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18093
RPC 18564
CDS 17051
MCL 18047
SUB 18689
LOC 25007
TPA 25405
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 166
RPC -22
CDS 88
MCL 73
SUB 159
LOC 31
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54682
RPC 54596
CDS 55449
MCL 54683
SUB 53209
LOC 42893
TPA 42725
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 FEB 81 (DAY 81.042)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18092
RPC 18568
CDS 17050
MCL 18040
SUB 18686
LOC 25006
TPA 25407
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 180
RPC -10
CDS 94
MCL 72
SUB 158
LOC 36
TPA -2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54687
RPC 54603
CDS 55442
MCL 5467
SUB 53206
LOC 42897
TPA 42713
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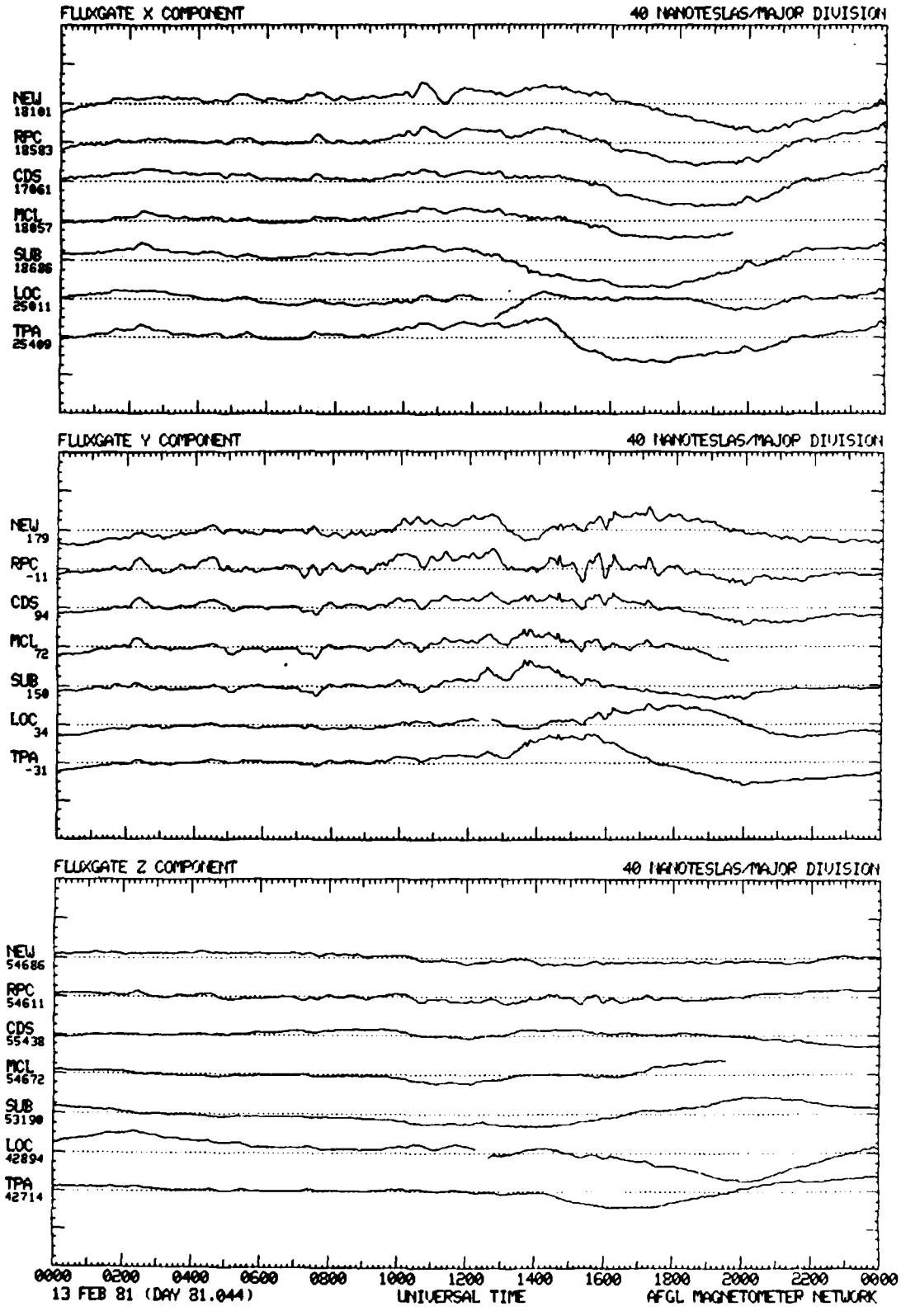
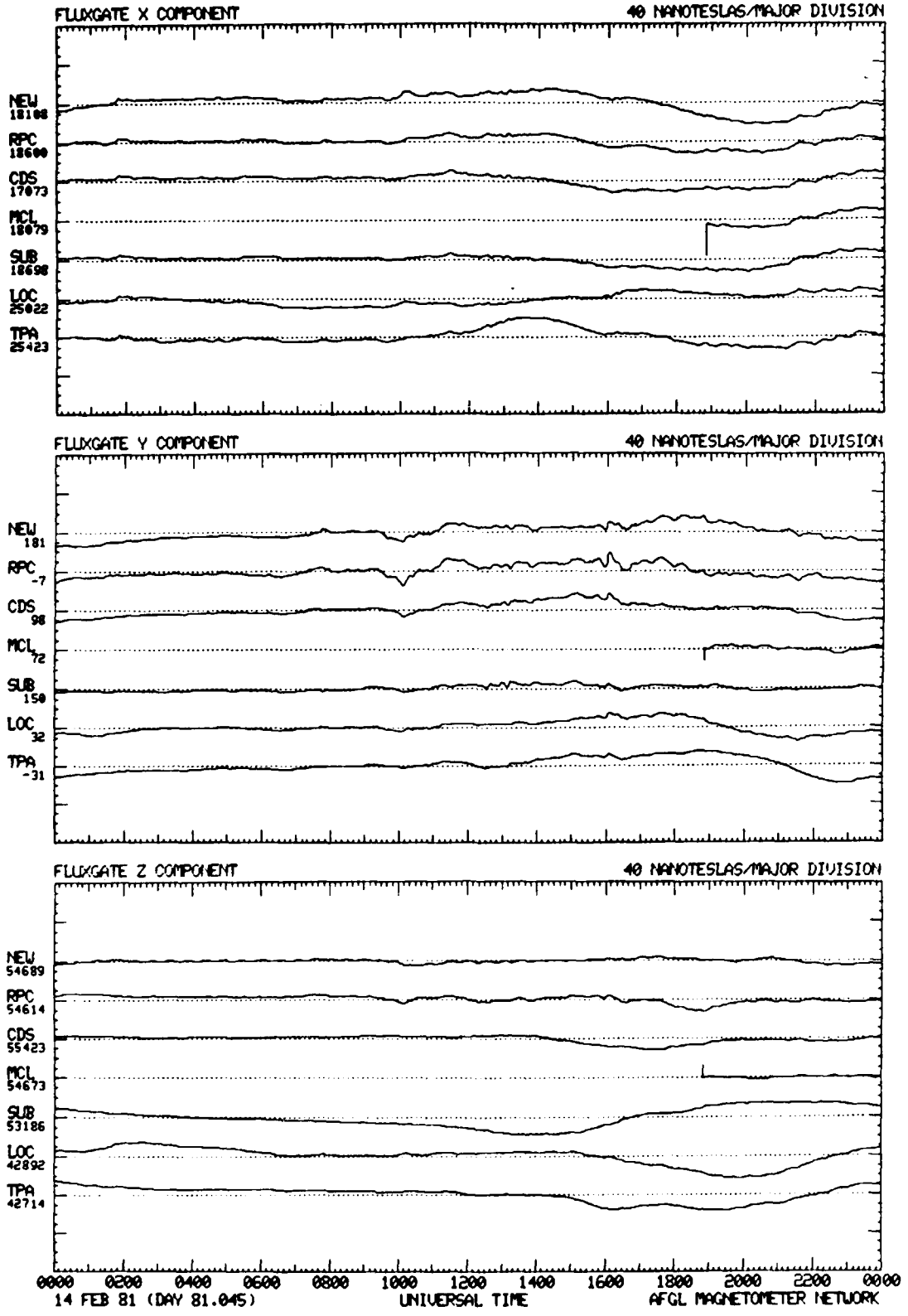
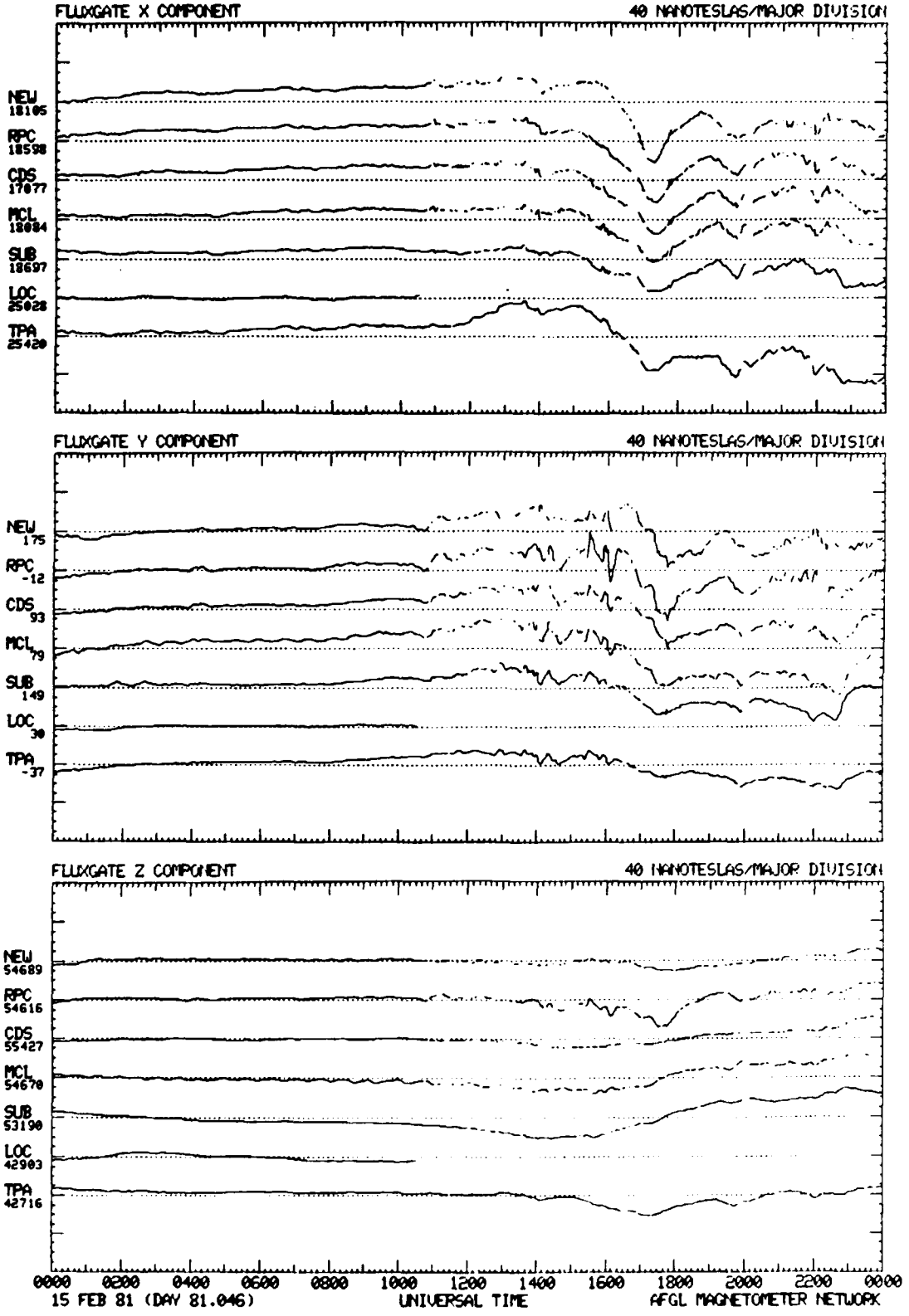
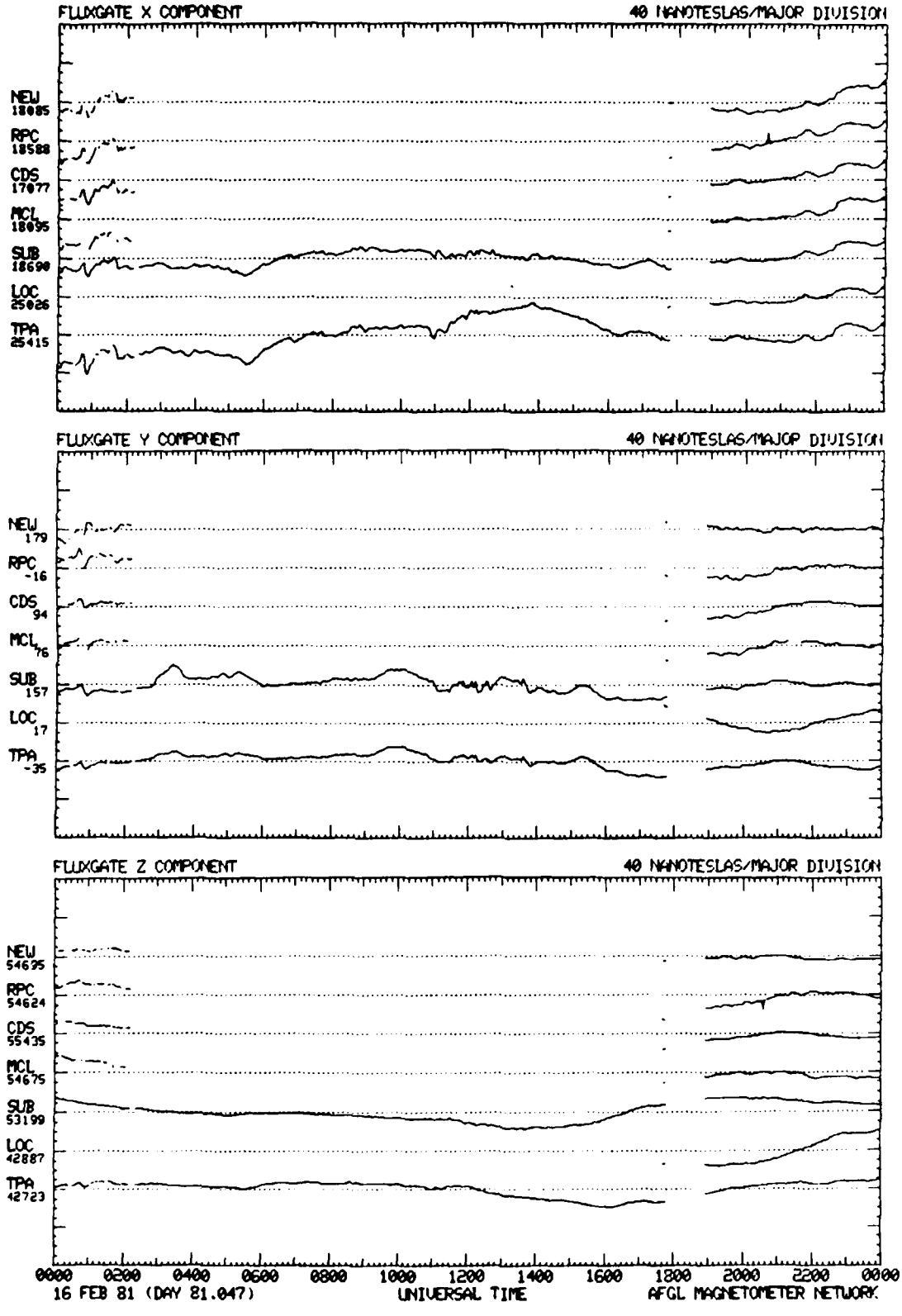
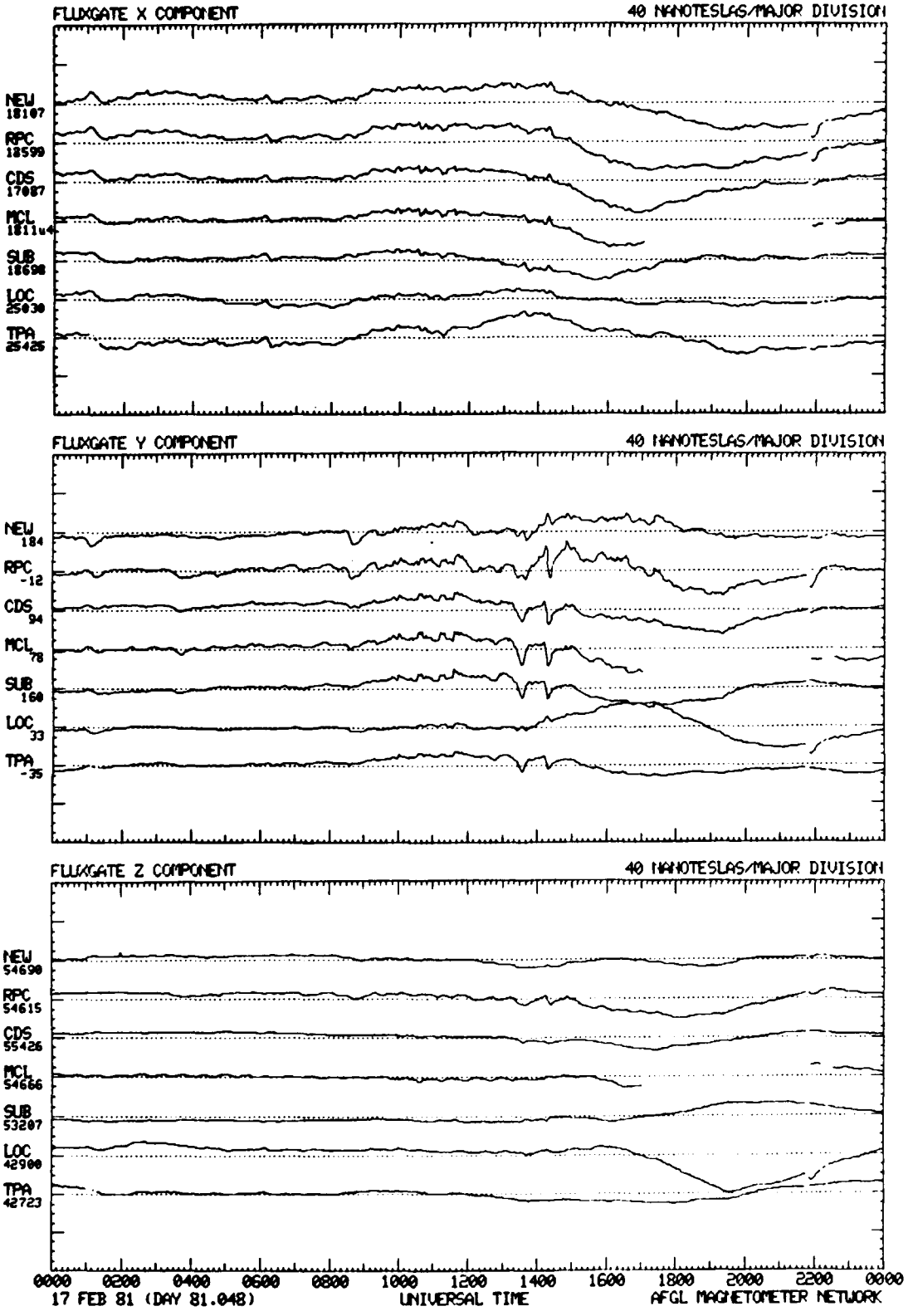
12 FEB 81 (DAY 81.043)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

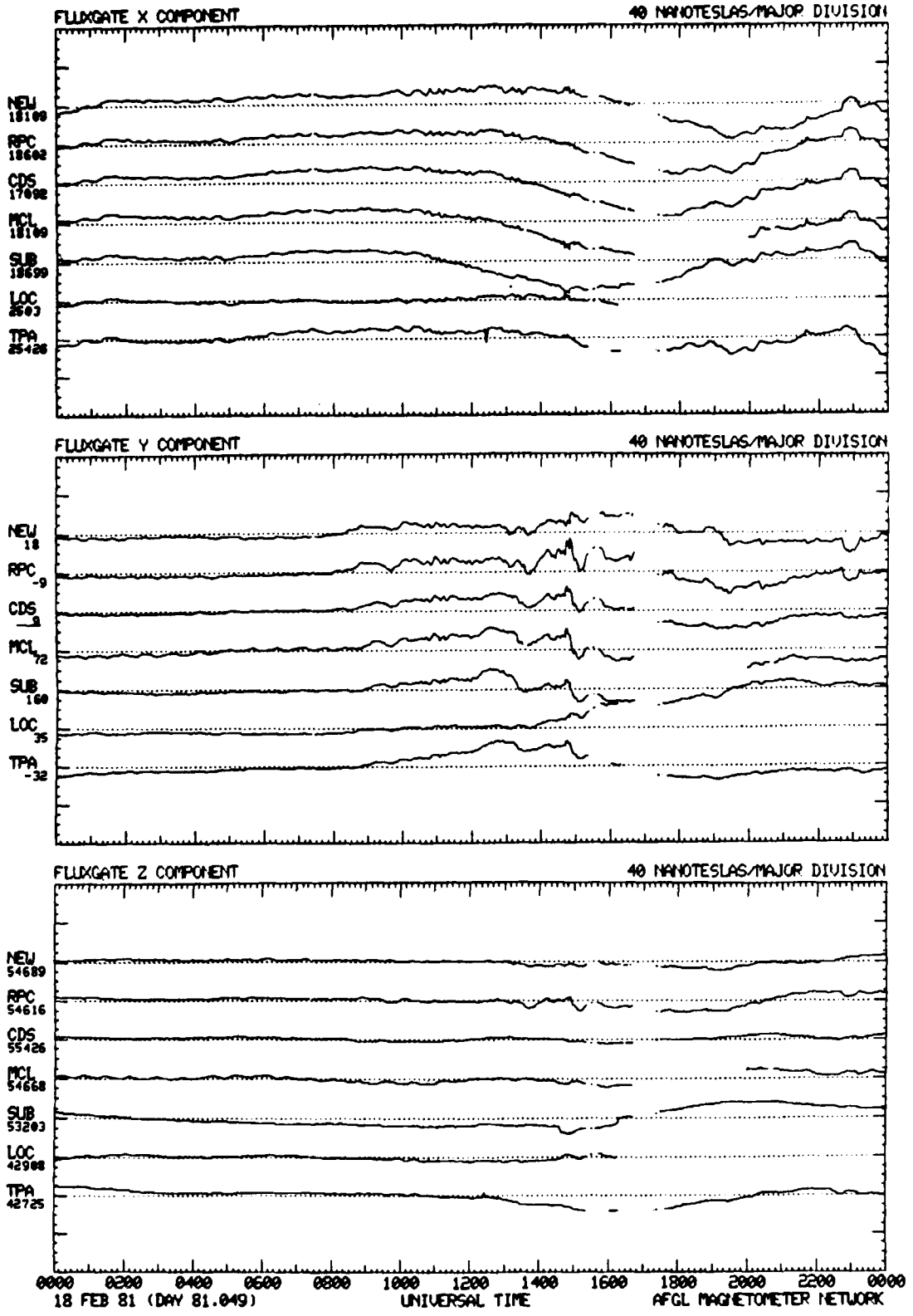

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18101
RPC 18583
CDS 17061
MCL 18057
SUB 18686
LOC 25011
TPA 25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 179
RPC -11
CDS 94
MCL 72
SUB 150
LOC 34
TPA -31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54686
RPC 54611
CDS 55438
MCL 54672
SUB 53190
LOC 42894
TPA 42714
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 FEB 81 (DAY 81.044)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

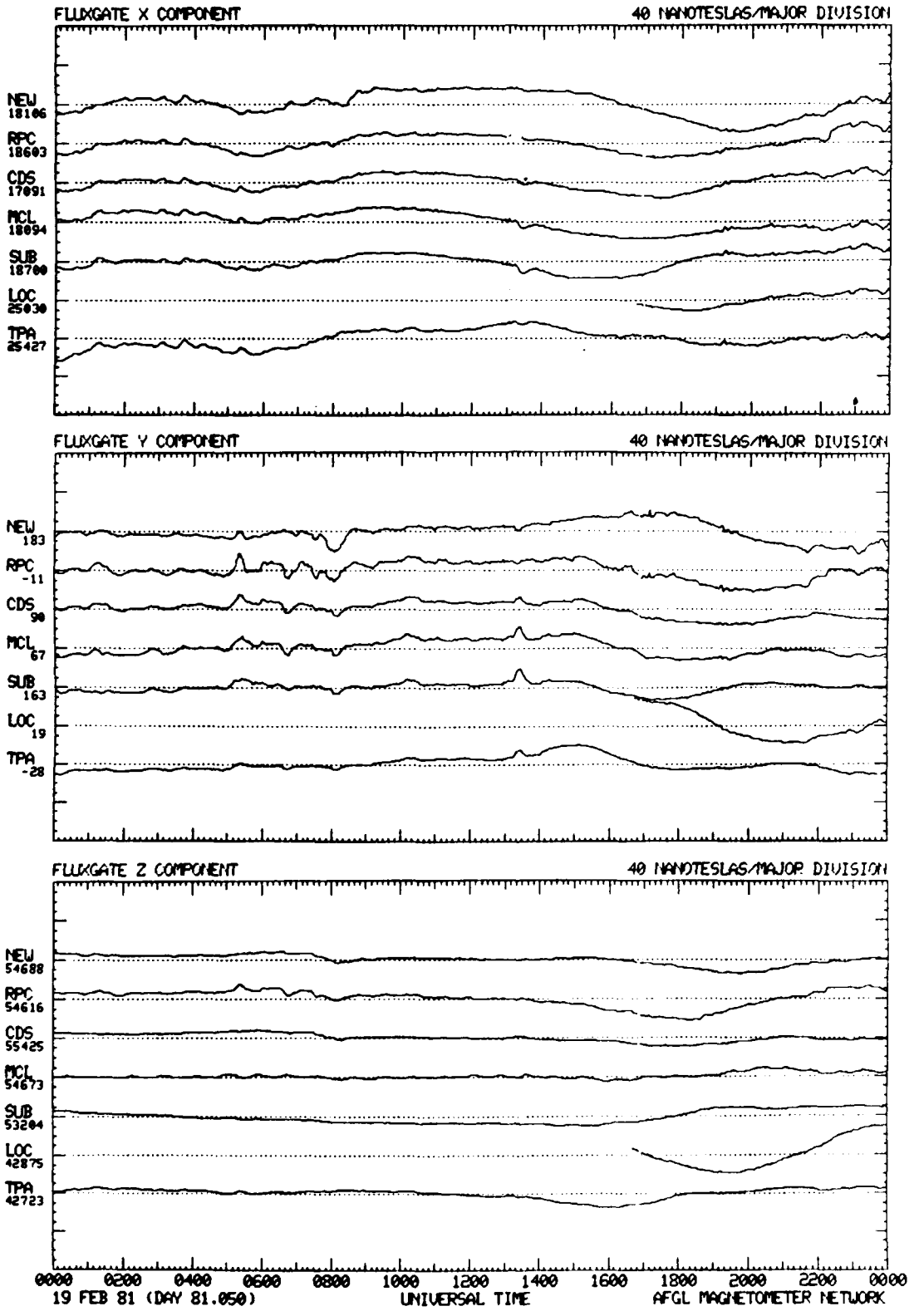

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18108
RPC 18600
CDS 17073
MCL 18079
SUB 18698
LOC 25022
TPA 25423
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 181
RPC -7
CDS 98
MCL 72
SUB 150
LOC 32
TPA -31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54689
RPC 54614
CDS 55423
MCL 54673
SUB 53186
LOC 42892
TPA 42714
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 FEB 81 (DAY 81.045)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

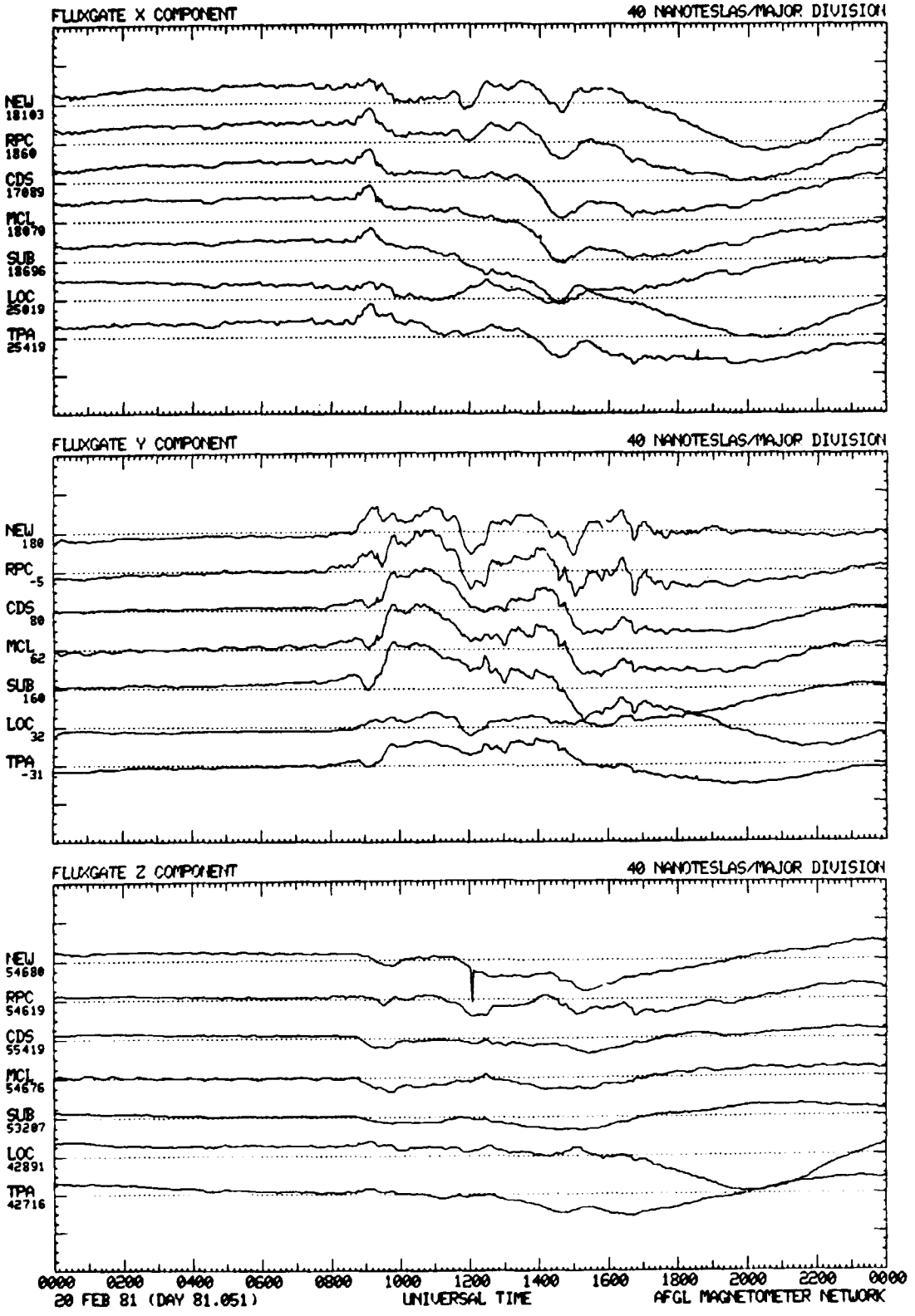

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18105
RPC 18598
CDS 17077
MCL 18084
SUB 18697
LOC 25028
TPA 25420
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 175
RPC -12
CDS 93
MCL 79
SUB 149
LOC 30
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54689
RPC 54616
CDS 55427
MCL 54670
SUB 53190
LOC 42903
TPA 42716
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 FEB 81 (DAY 81.046)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

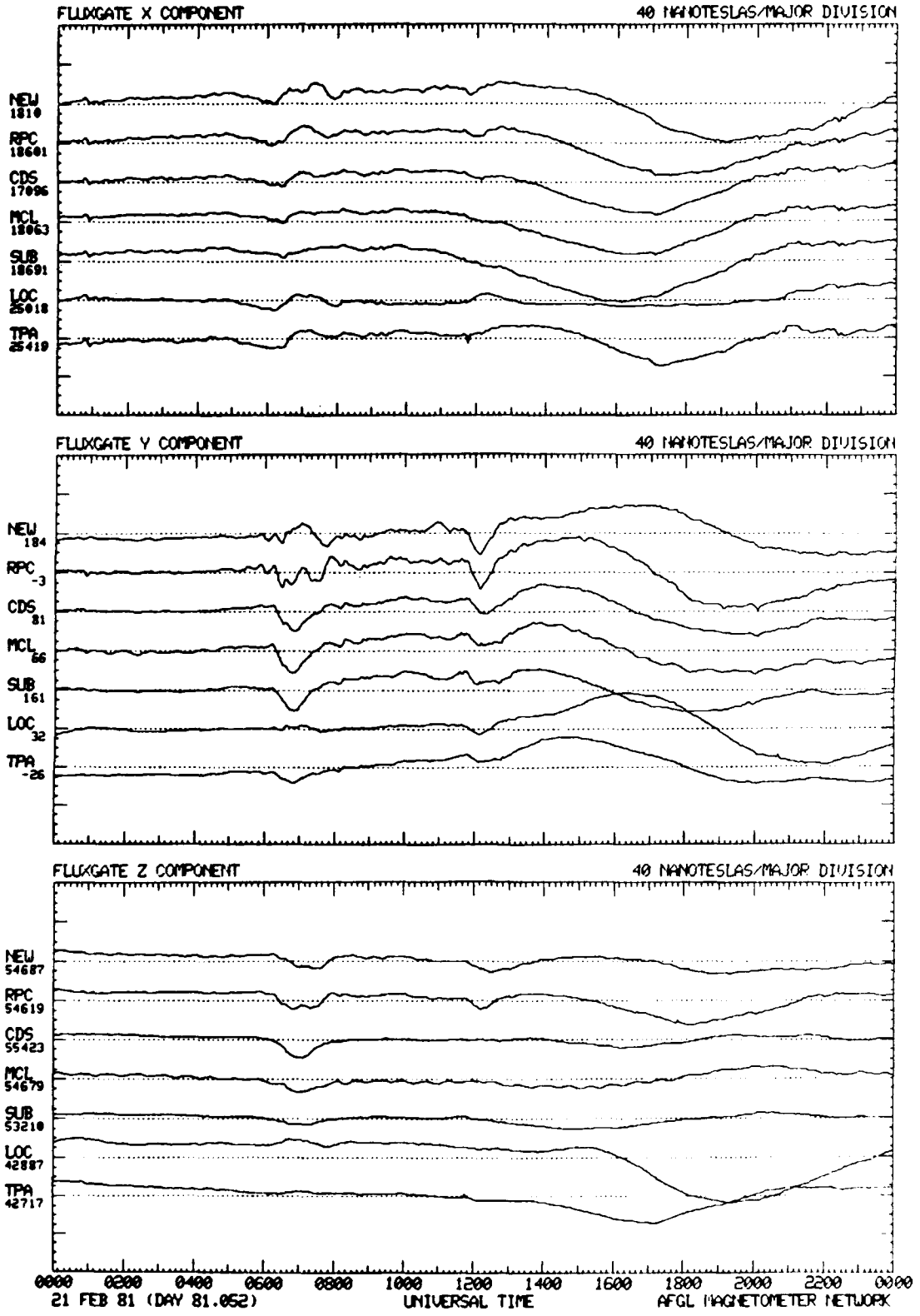

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18085
RPC 18588
CDS 17077
MCL 18095
SUB 18690
LOC 25026
TPA 25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 179
RPC -16
CDS 94
MCL 76
SUB 157
LOC 17
TPA -35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54695
RPC 54624
CDS 55435
MCL 54675
SUB 53199
LOC 42887
TPA 42723
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 FEB 81 (DAY 81.047)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

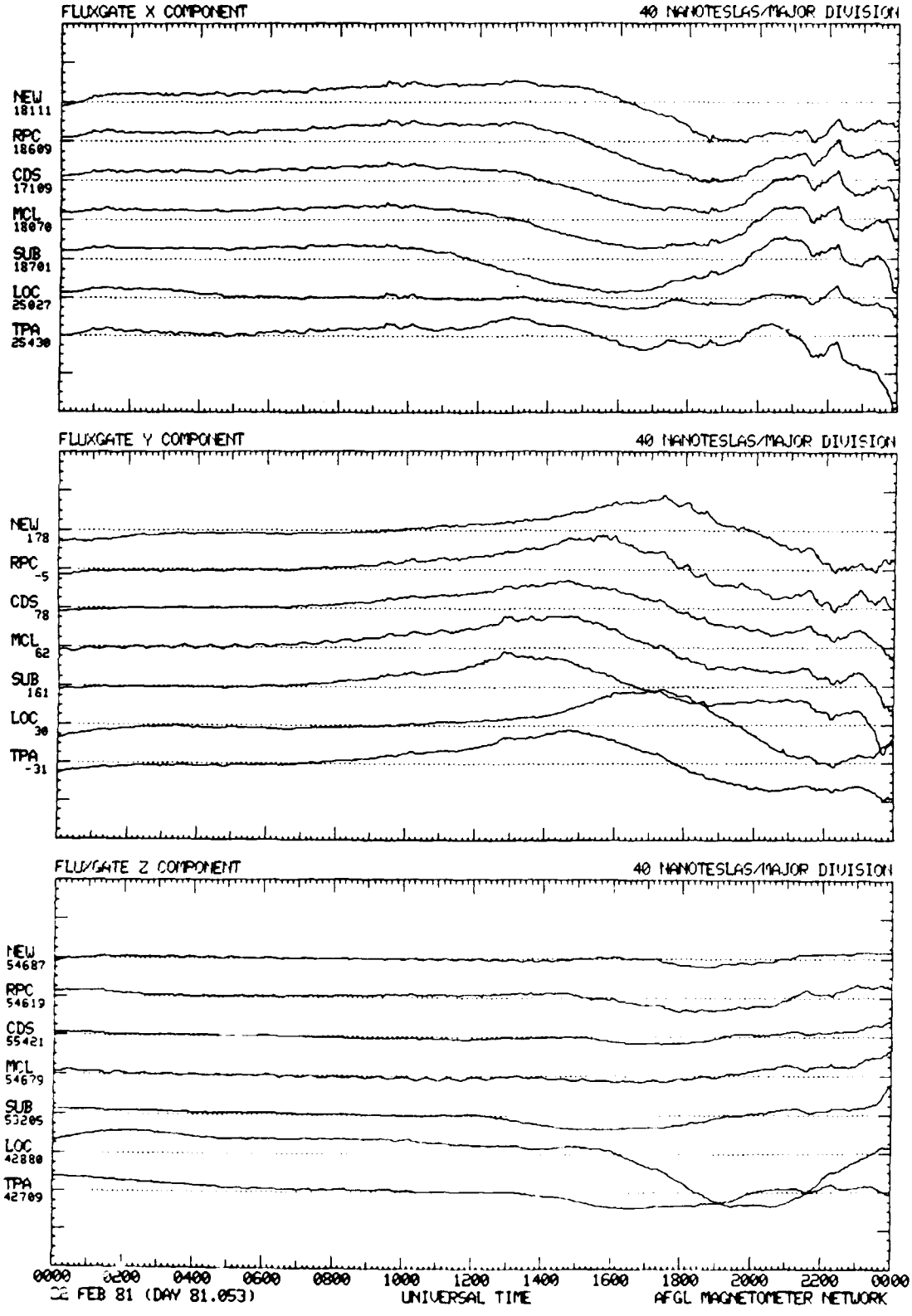

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18107
RPC 18599
CDS 17087
MCL 1811u4
SUB 18698
LOC 25030
TPA 25425
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC -12
CDS 94
MCL 78
SUB 160
LOC 33
TPA -35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54690
RPC 54615
CDS 55426
MCL 54666
SUB 53207
LOC 42900
TPA 42723
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 FEB 81 (DAY 81.048)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18100
RPC 18602
CDS 17098
MCL 18109
SUB 18699
LOC 2503
TPA 25426
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18
RPC -9
CDS -9
MCL 72
SUB 160
LOC 35
TPA -32
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54689
RPC 54616
CDS 55426
MCL 54668
SUB 53203
LOC 42908
TPA 42725
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 FEB 81 (DAY 81.049)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18106
RPC 18603
CDS 17091
MCL 18094
SUB 18700
LOC 25030
TPA 25427
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 183
RPC -11
CDS 90
MCL 67
SUB 163
LOC 19
TPA -28
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54688
RPC 54616
CDS 55425
MCL 54673
SUB 53204
LOC 42875
TPA 42723
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 FEB 81 (DAY 81.050)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18103
RPC 1860
CDS 17089
MCL 18070
SUB 18696
LOC 25019
TPA 25419
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 180
RPC -5
CDS 80
MCL 62
SUB 160
LOC 32
TPA -31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54680
RPC 54619
CDS 55419
MCL 54676
SUB 53207
LOC 42891
TPA 42716
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 FEB 81 (DAY 81.051)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 1810
RPC 18601
CDS 17096
MCL 18063
SUB 18691
LOC 25018
TPA 25419
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC -3
CDS 81
MCL 66
SUB 161
LOC 32
TPA -26
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54687
RPC 54619
CDS 55423
MCL 54679
SUB 53210
LOC 42887
TPA 42717
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 FEB 81 (DAY 81.052)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18111
RPC 18609
CDS 17109
MCL 18070
SUB 18701
LOC 25027
TPA 25430
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 178
RPC -5
CDS 78
MCL 62
SUB 161
LOC 30
TPA -31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54687
RPC 54619
CDS 55421
MCL 54679
SUB 53205
LOC 42880
TPA 42709
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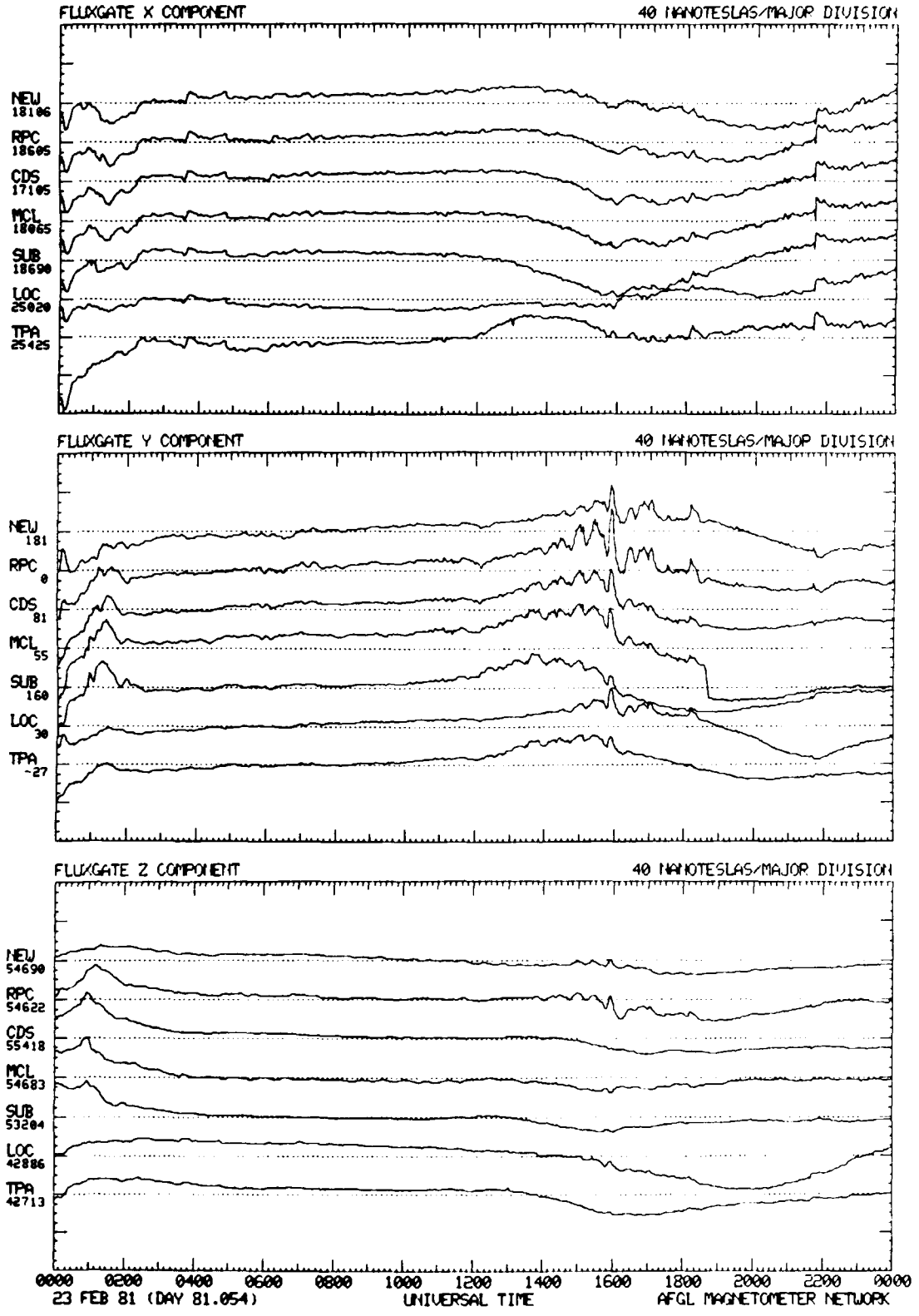
22 FEB 81 (DAY 81.053)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18106
RPC 18605
CDS 17105
MCL 18065
SUB 18690
LOC 25020
TPA 25425
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 181
RPC 0
CDS 81
MCL 55
SUB 160
LOC 30
TPA -27
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54690
RPC 54622
CDS 55418
MCL 54683
SUB 53204
LOC 42886
TPA 42713
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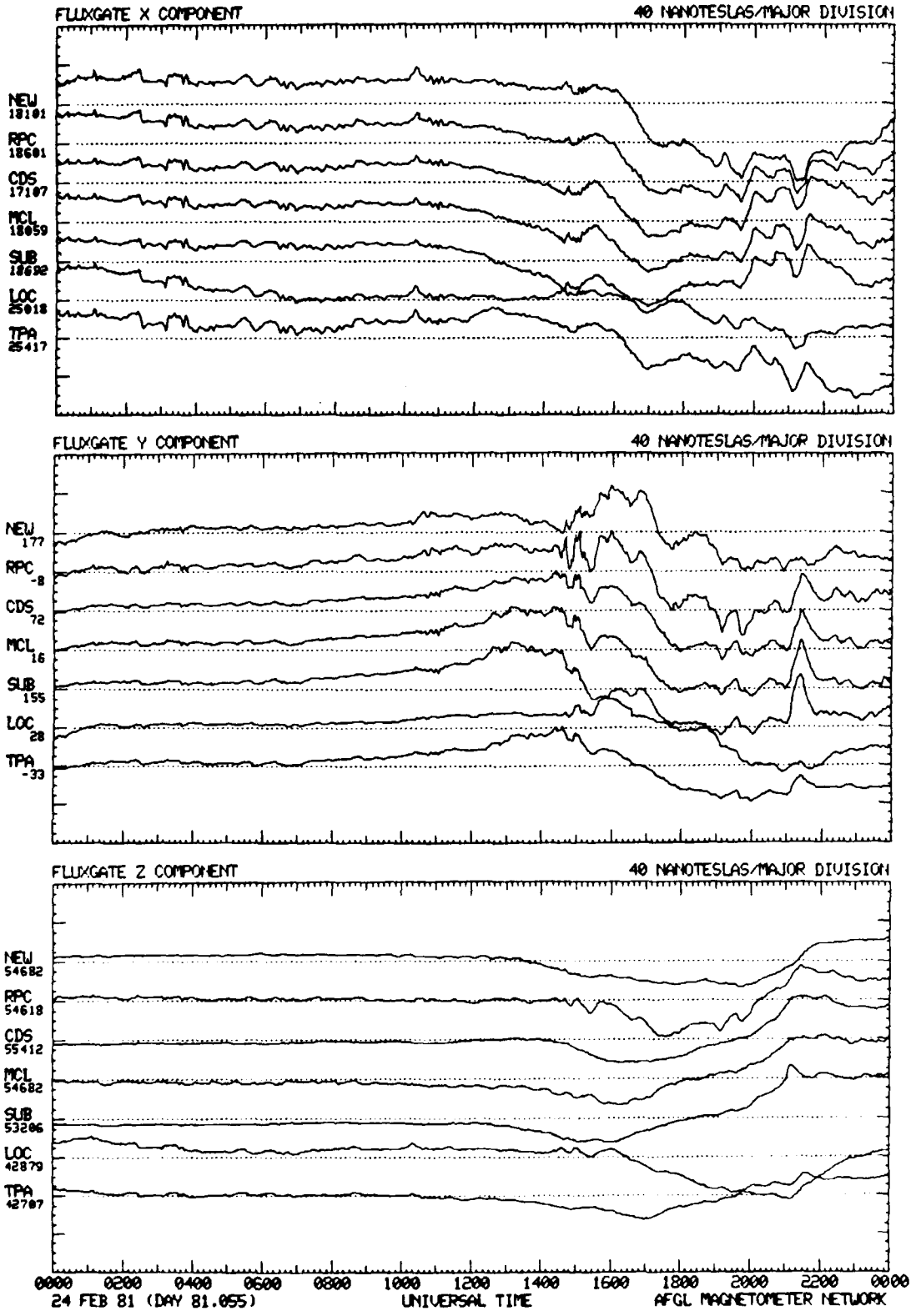
23 FEB 81 (DAY 81.054)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18101
RPC 18601
CDS 17107
MCL 18059
SUB 18692
LOC 25018
TPA 25417
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 177
RPC -8
CDS 72
MCL 16
SUB 155
LOC 28
TPA -33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54682
RPC 54618
CDS 55412
MCL 54682
SUB 53206
LOC 42879
TPA 42707
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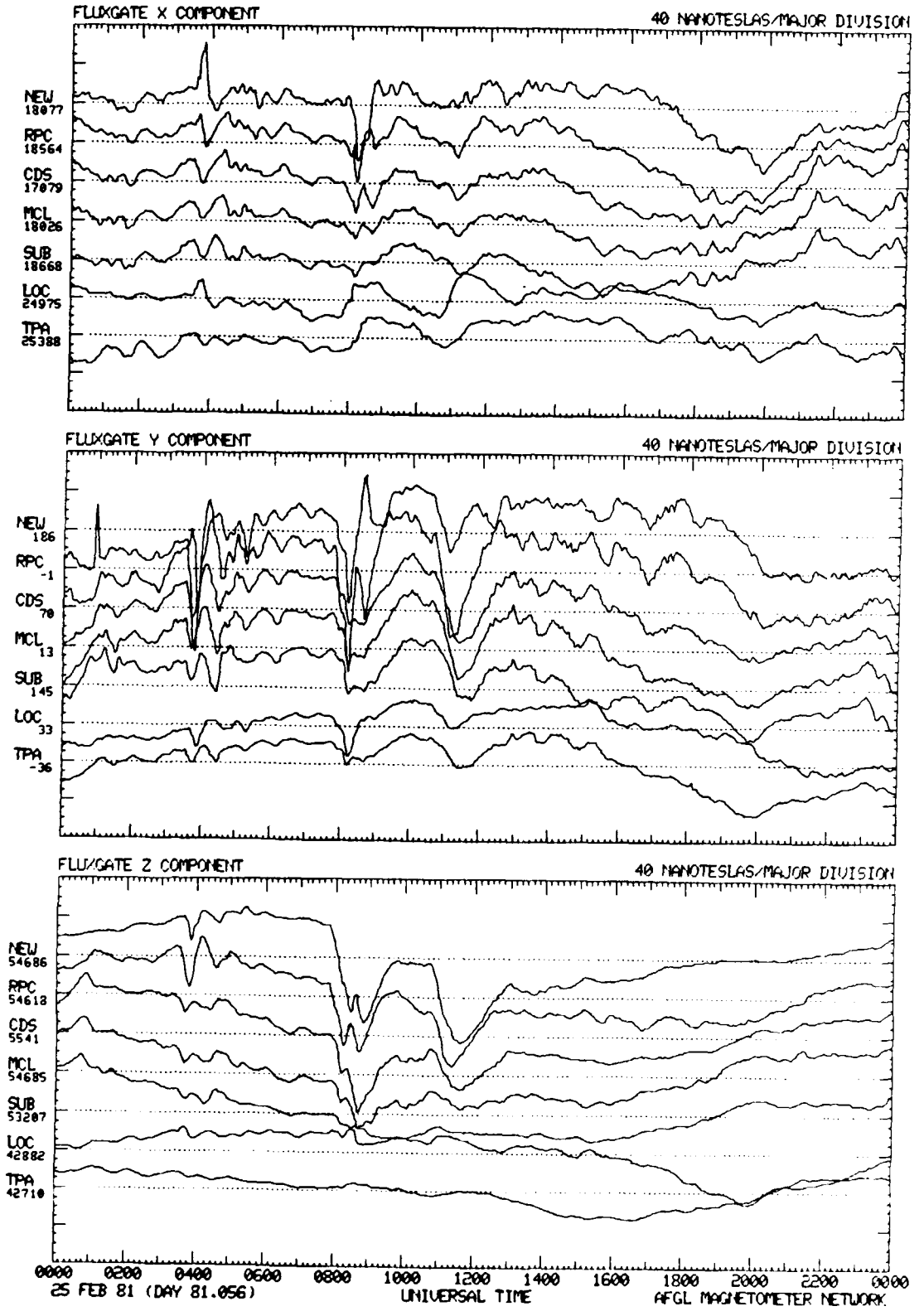
24 FEB 81 (DAY 81.055)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18077
RPC 18564
CDS 17079
MCL 18026
SUB 18668
LOC 24975
TPA 25388
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 186
RPC -1
CDS 70
MCL 13
SUB 145
LOC 33
TPA -36
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54686
RPC 54618
CDS 5541
MCL 54685
SUB 53207
LOC 42882
TPA 42710
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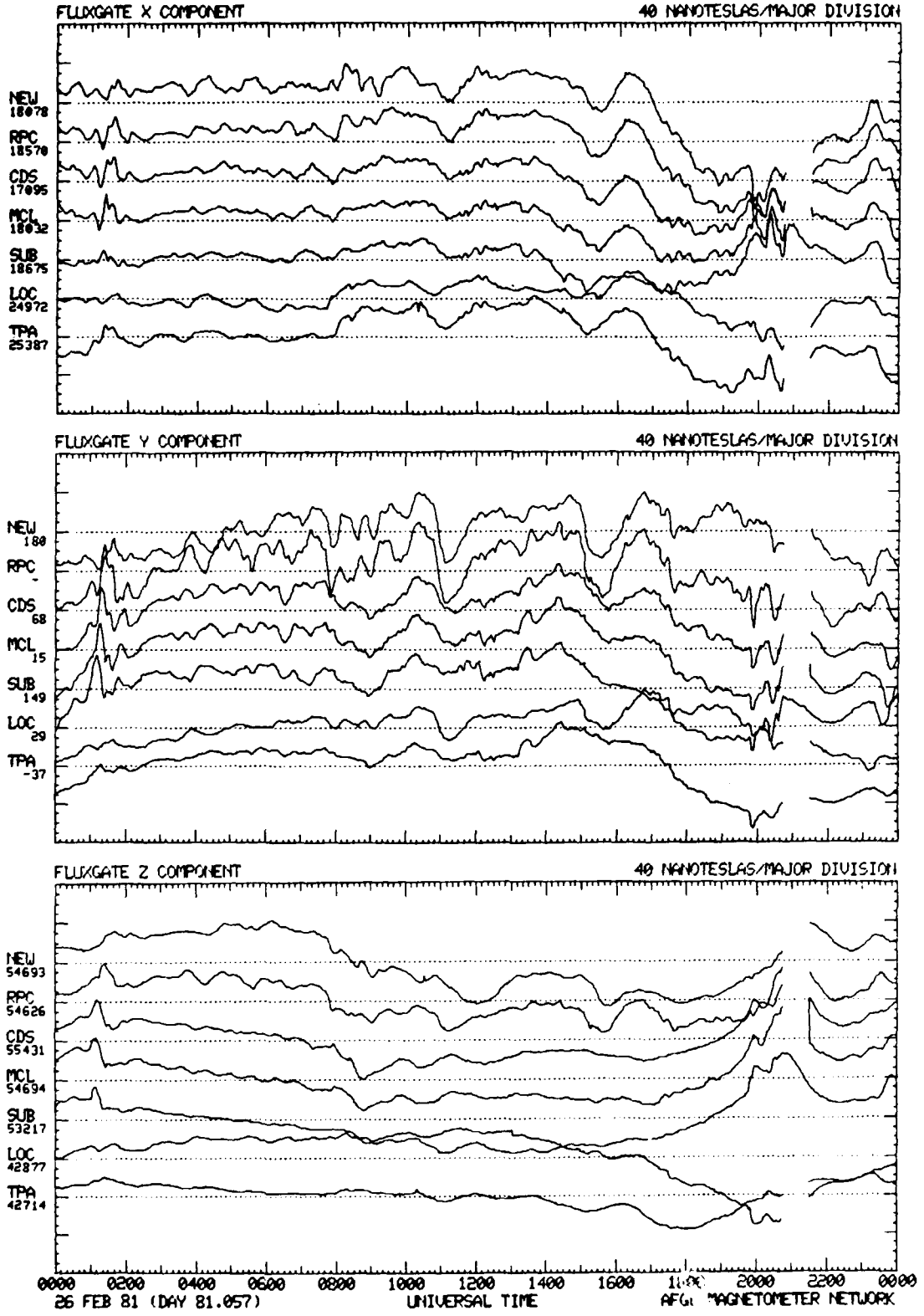
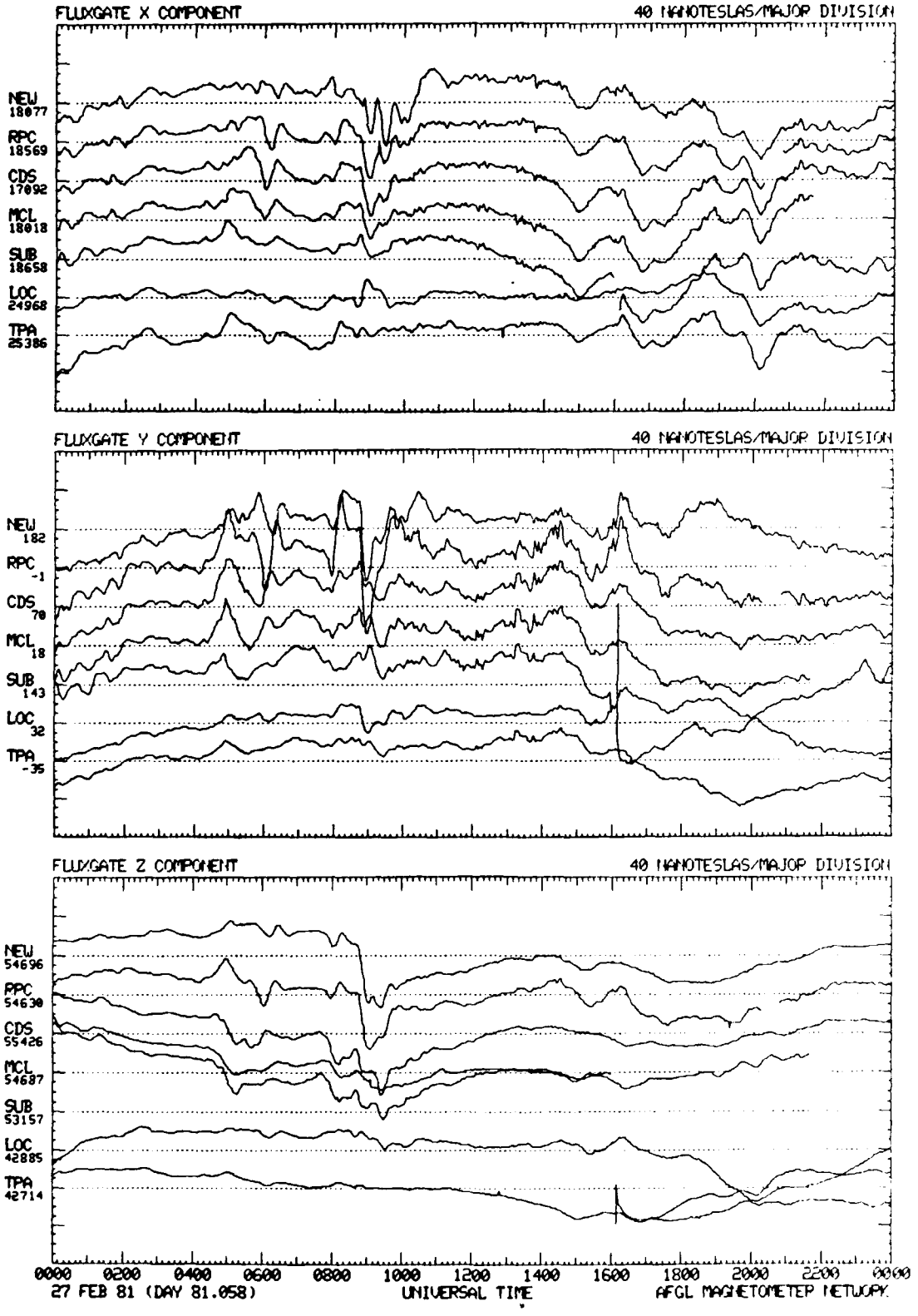
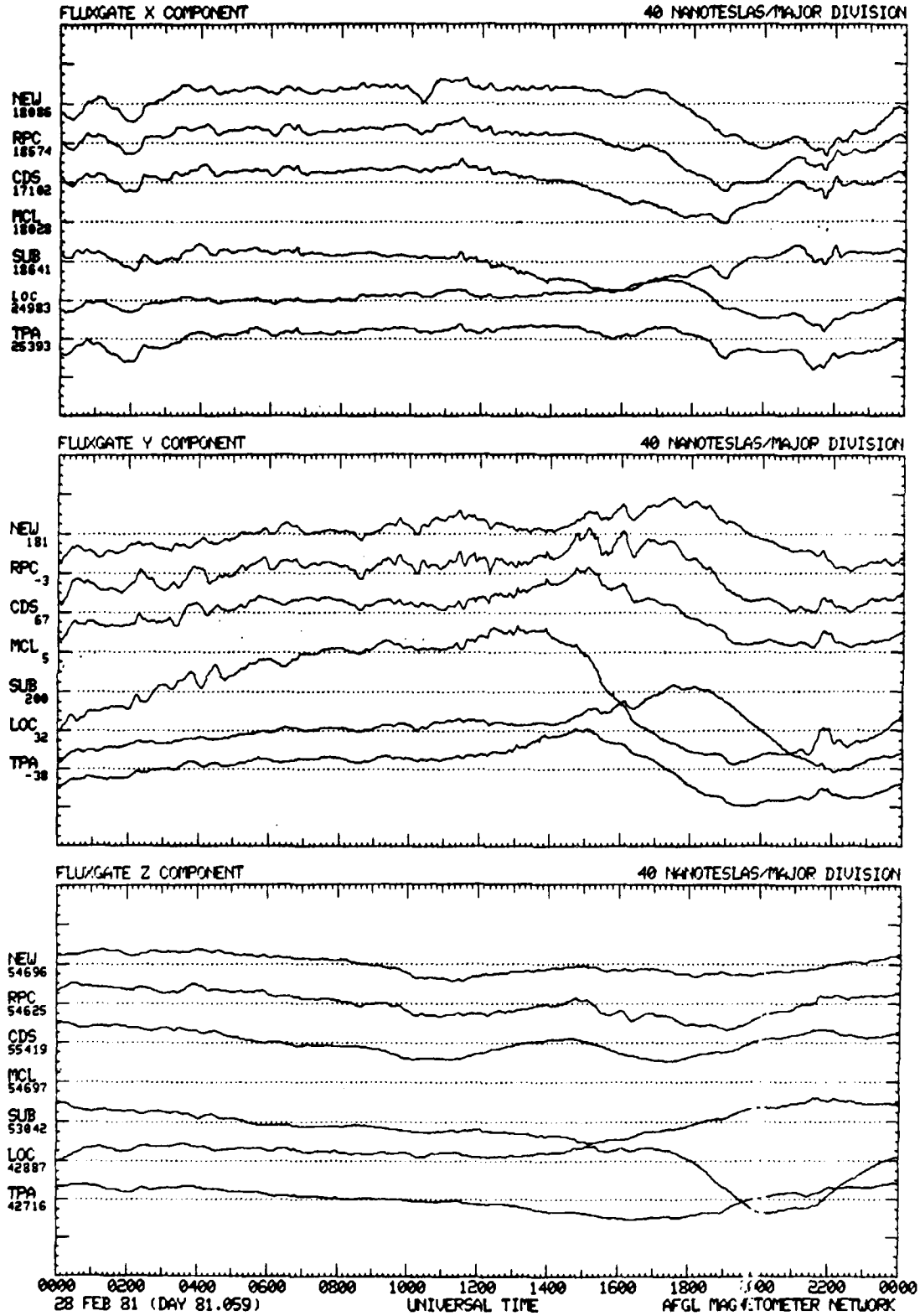
25 FEB 81 (DAY 81.056)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18078
RPC 18570
CDS 17095
MCL 18032
SUB 18675
LOC 24972
TPA 25387
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 180
RPC
CDS 68
MCL 15
SUB 149
LOC 29
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54693
RPC 54626
CDS 55431
MCL 54694
SUB 53217
LOC 42877
TPA 42714
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 FEB 81 (DAY 81.057)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18077
RPC 18569
CDS 17092
MCL 18018
SUB 18658
LOC 24968
TPA 25386
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 182
RPC -1
CDS 70
MCL 18
SUB 143
LOC 32
TPA -35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54696
RPC 54630
CDS 55426
MCL 54687
SUB 53157
LOC 42885
TPA 42714
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 FEB 81 (DAY 81.058)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18086
RPC 18574
CDS 17102
MCL 18028
SUB 18641
LOC 24983
TPA 25393
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 181
RPC -3
CDS 67
MCL 5
SUB 200
LOC 32
TPA -38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54696
RPC 54625
CDS 55419
MCL 54697
SUB 53842
LOC 42887
TPA 42716
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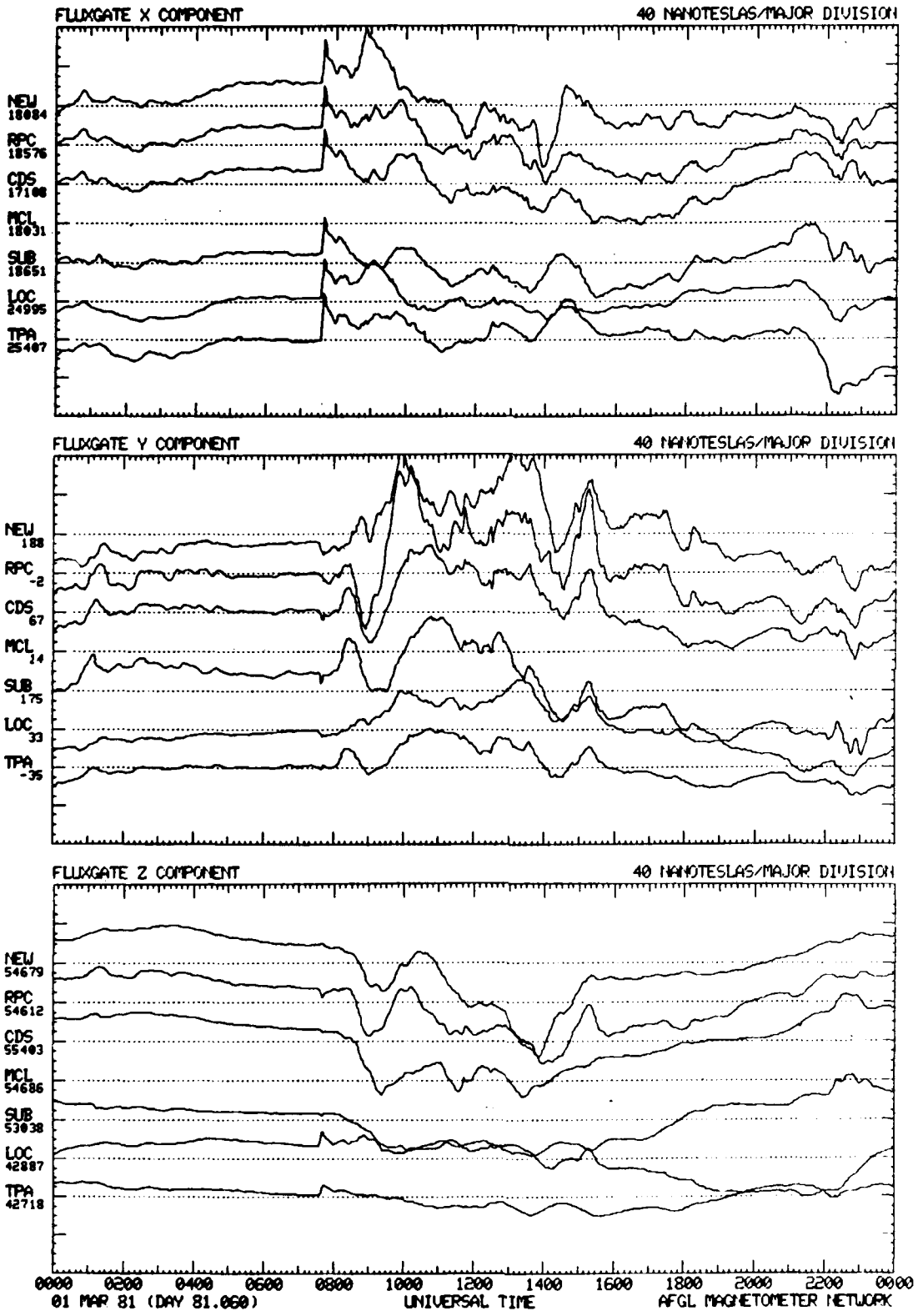
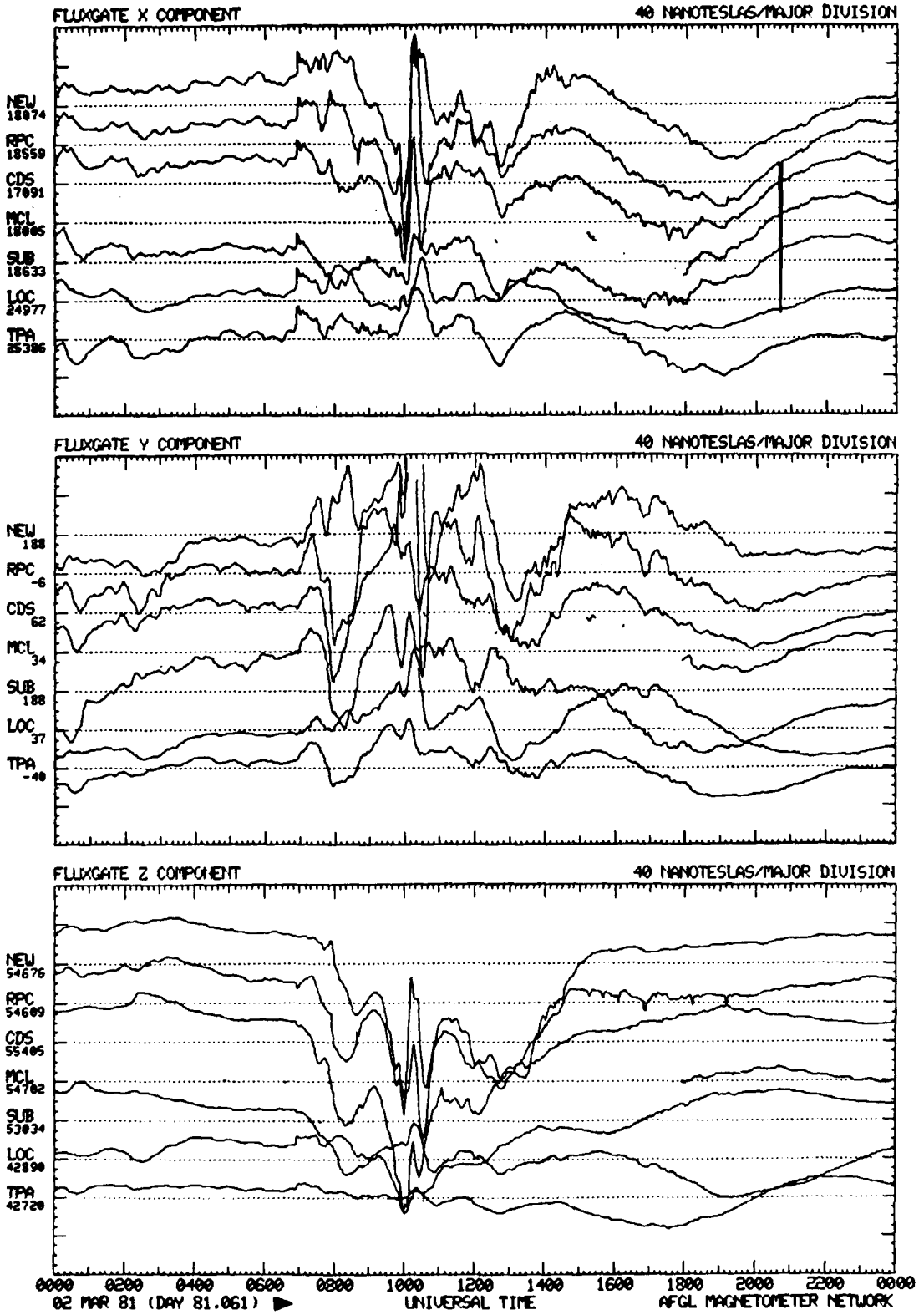
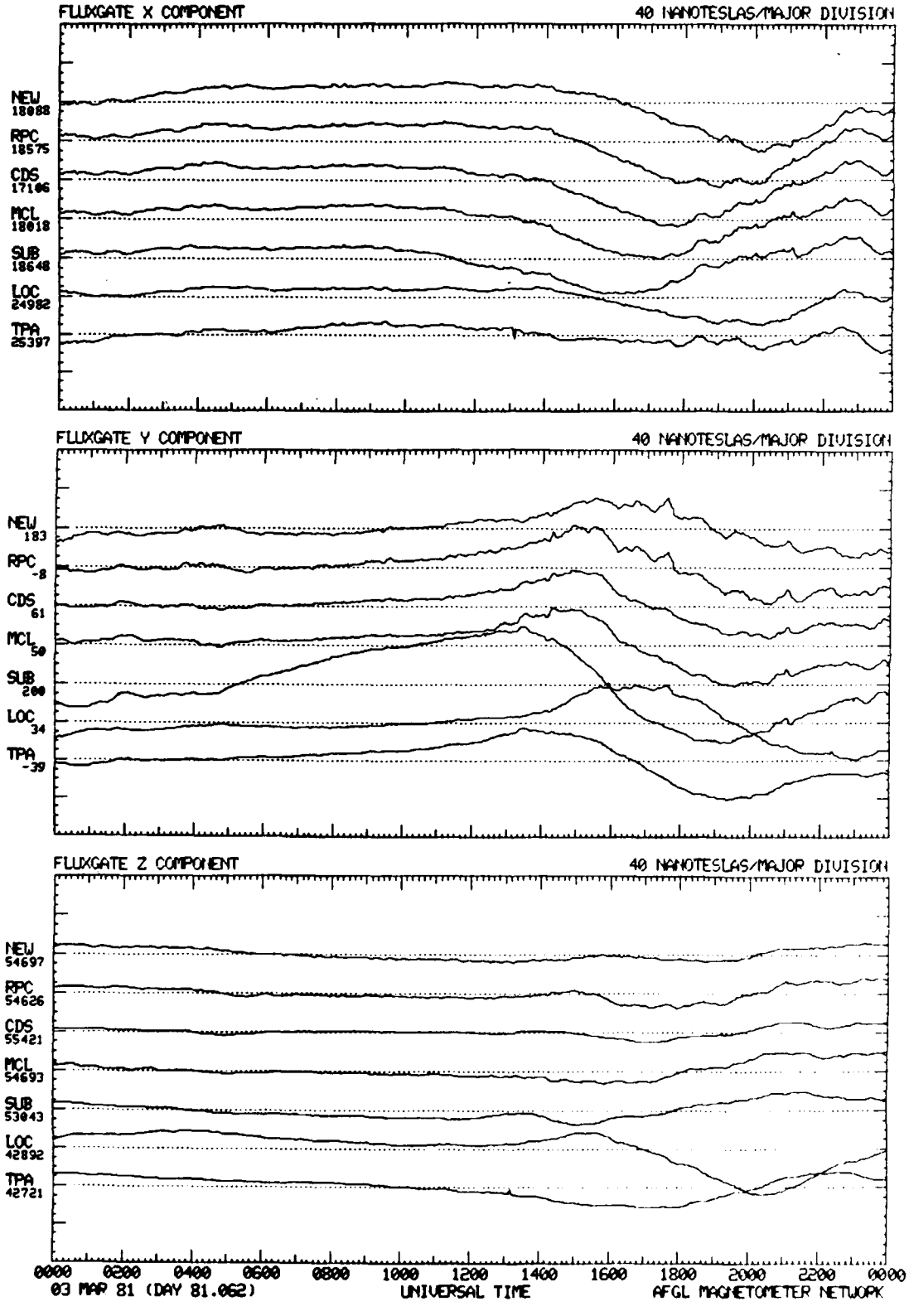
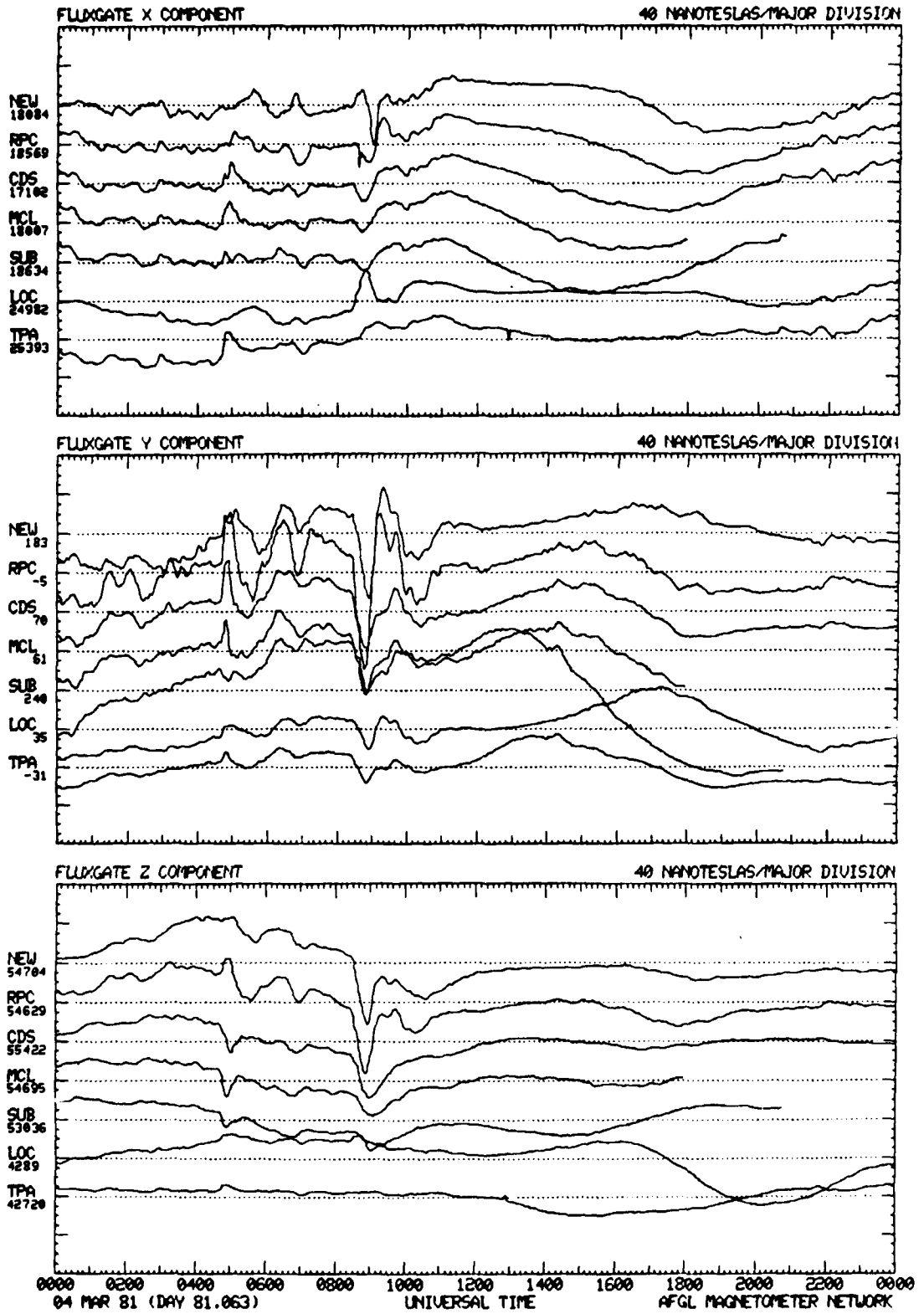
28 FEB 81 (DAY 81.059)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18084
RPC 18576
CDS 17108
MCL 18031
SUB 18651
LOC 24995
TPA 25407
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 188
RPC -2
CDS 67
MCL 14
SUB 175
LOC 33
TPA -35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54679
RPC 54612
CDS 55403
MCL 54686
SUB 53038
LOC 42887
TPA 42718
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 MAR 81 (DAY 81.060)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18074
RPC 18559
CDS 17091
MCL 18065
SUB 18633
LOC 24977
TPA 25386
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 188
RPC -6
CDS 62
MCL 34
SUB 188
LOC 37
TPA -40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54676
RPC 54609
CDS 55405
MCL 54702
SUB 53034
LOC 42890
TPA 42720
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 MAR 81 (DAY 81.061)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18088
RPC
18575
CDS
17106
MCL
18018
SUB
18648
LOC
24982
TPA
25397
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
183
RPC
-8
CDS
61
MCL
50
SUB
200
LOC
34
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54697
RPC
54626
CDS
55421
MCL
54693
SUB
53043
LOC
42892
TPA
42721
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 MAR 81 (DAY 81.062)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18084
RPC 18569
CDS 17102
MCL 18007
SUB 18634
LOC 24982
TPA 85393
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 183
RPC -5
CDS 70
MCL 61
SUB 240
LOC 35
TPA -31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54704
RPC 54629
CDS 55422
MCL 54695
SUB 53036
LOC 4289
TPA 42720
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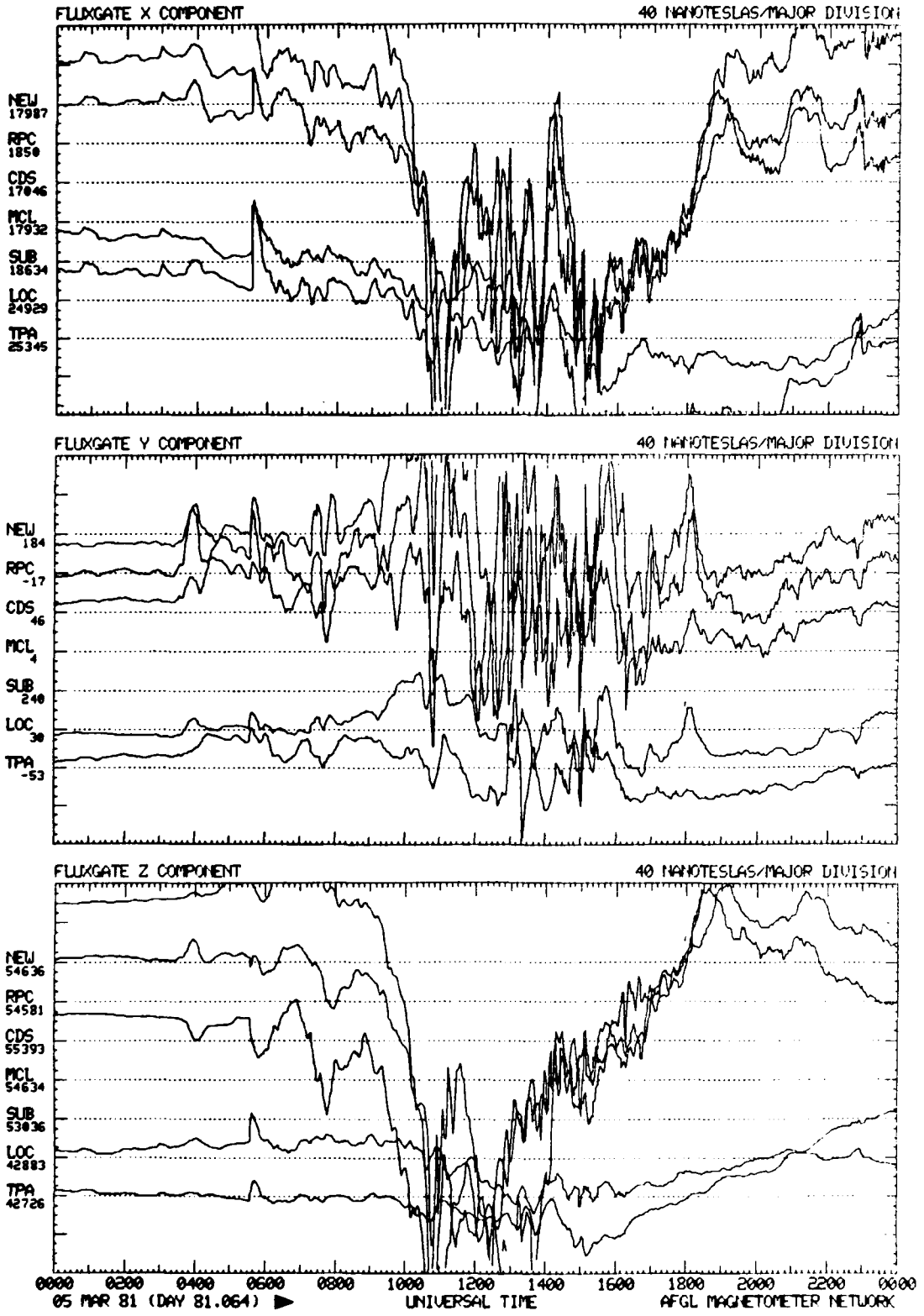
04 MAR 81 (DAY 81.063)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 17987
RPC 1850
CDS 17046
MCL 17932
SUB 18634
LOC 24929
TPA 25345
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC -17
CDS 46
MCL 4
SUB 240
LOC 30
TPA -53
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54636
RPC 54581
CDS 55393
MCL 54634
SUB 53036
LOC 42883
TPA 42726
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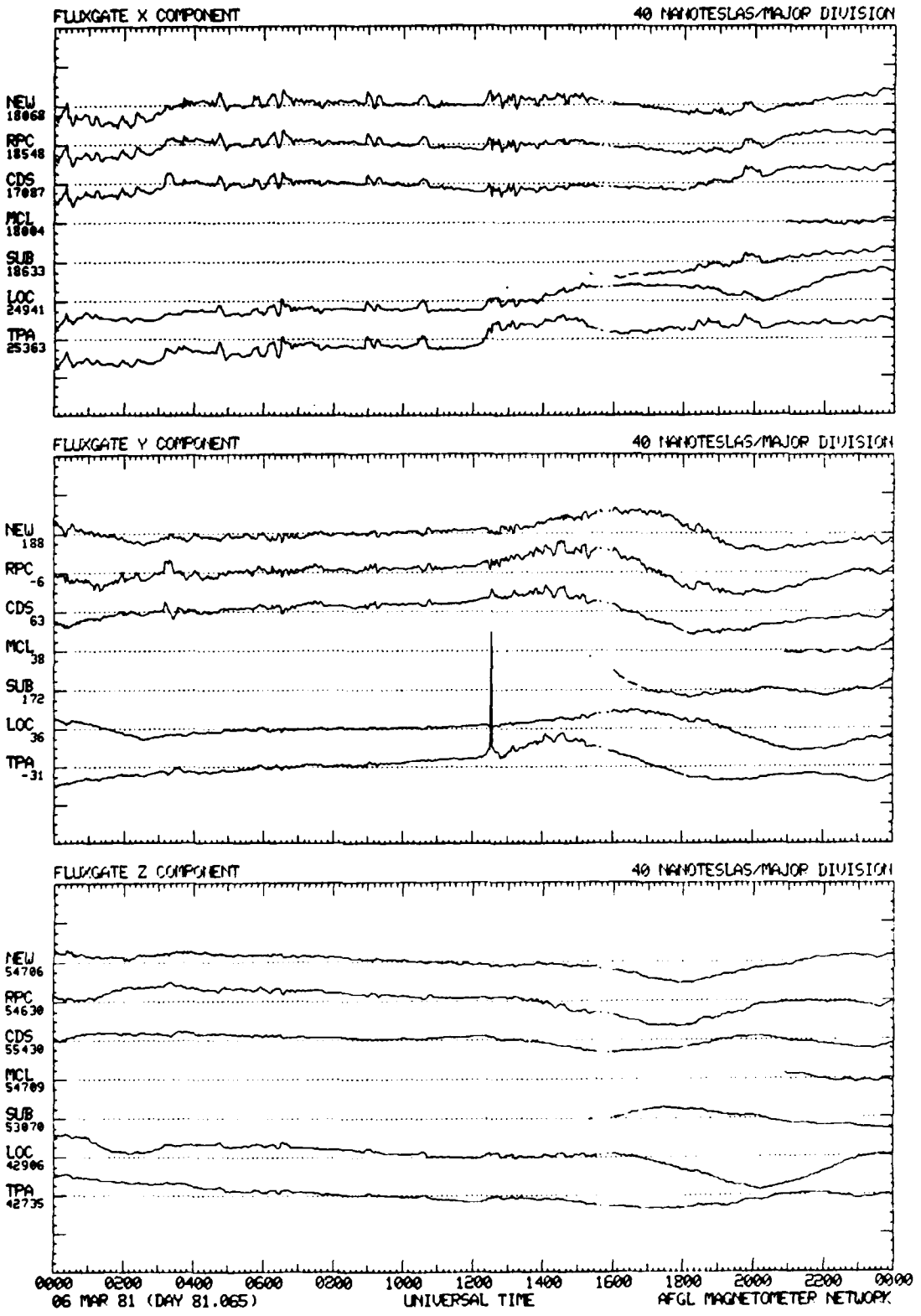
05 MAR 81 (DAY 81.064)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18068
RPC 18548
CDS 17087
MCL 18084
SUB 18633
LOC 24941
TPA 25363
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 188
RPC -6
CDS 63
MCL 38
SUB 172
LOC 36
TPA -31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54706
RPC 54630
CDS 55430
MCL 54709
SUB 53070
LOC 42906
TPA 42735
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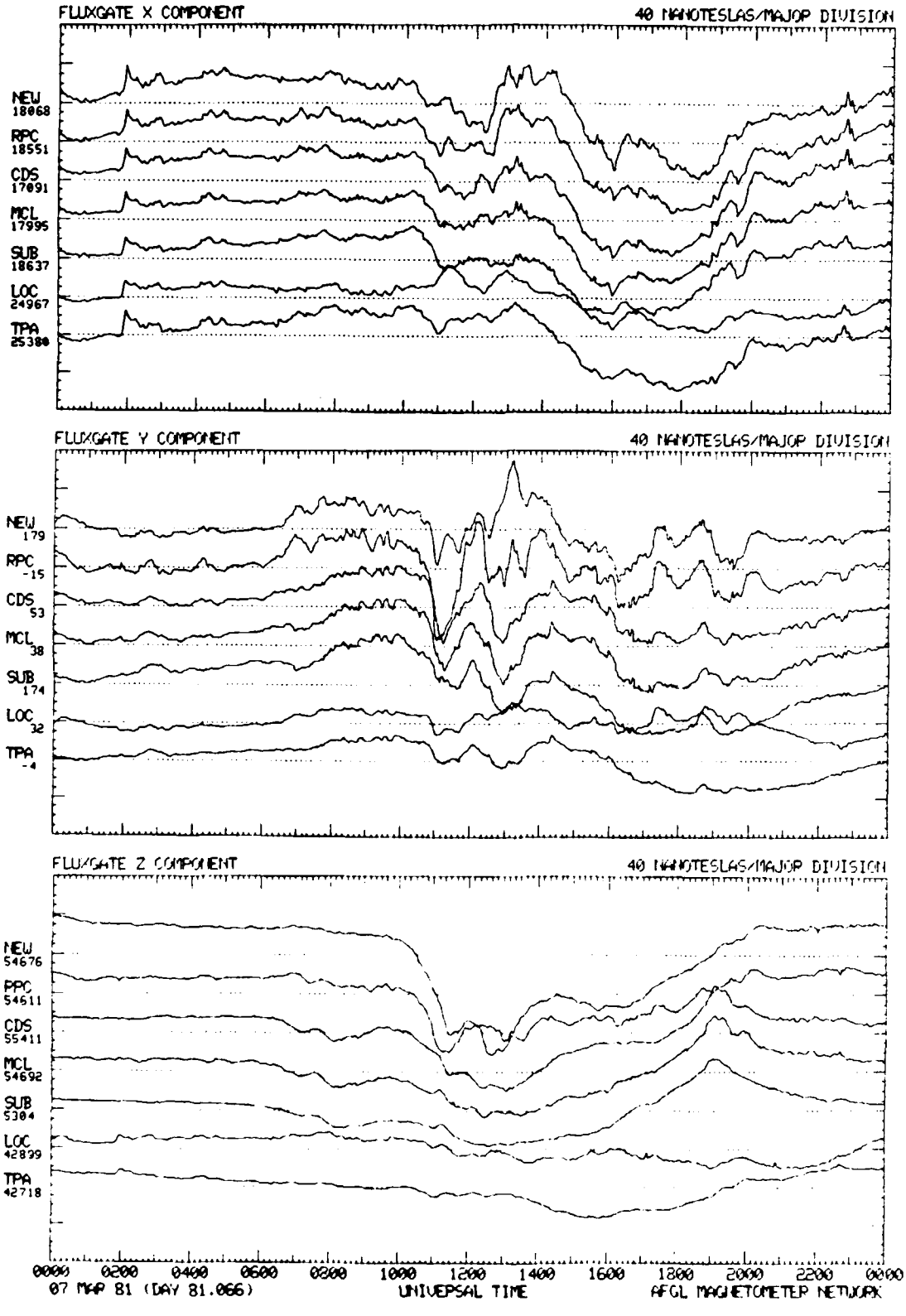
06 MAR 81 (DAY 81.065)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18068
RPC 18551
CDS 17091
MCL 17995
SUB 18637
LOC 24967
TPA 25380
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 179
RPC -15
CDS 53
MCL 38
SUB 174
LOC 32
TPA -4
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54676
RPC 54611
CDS 55411
MCL 54692
SUB 5304
LOC 42899
TPA 42718
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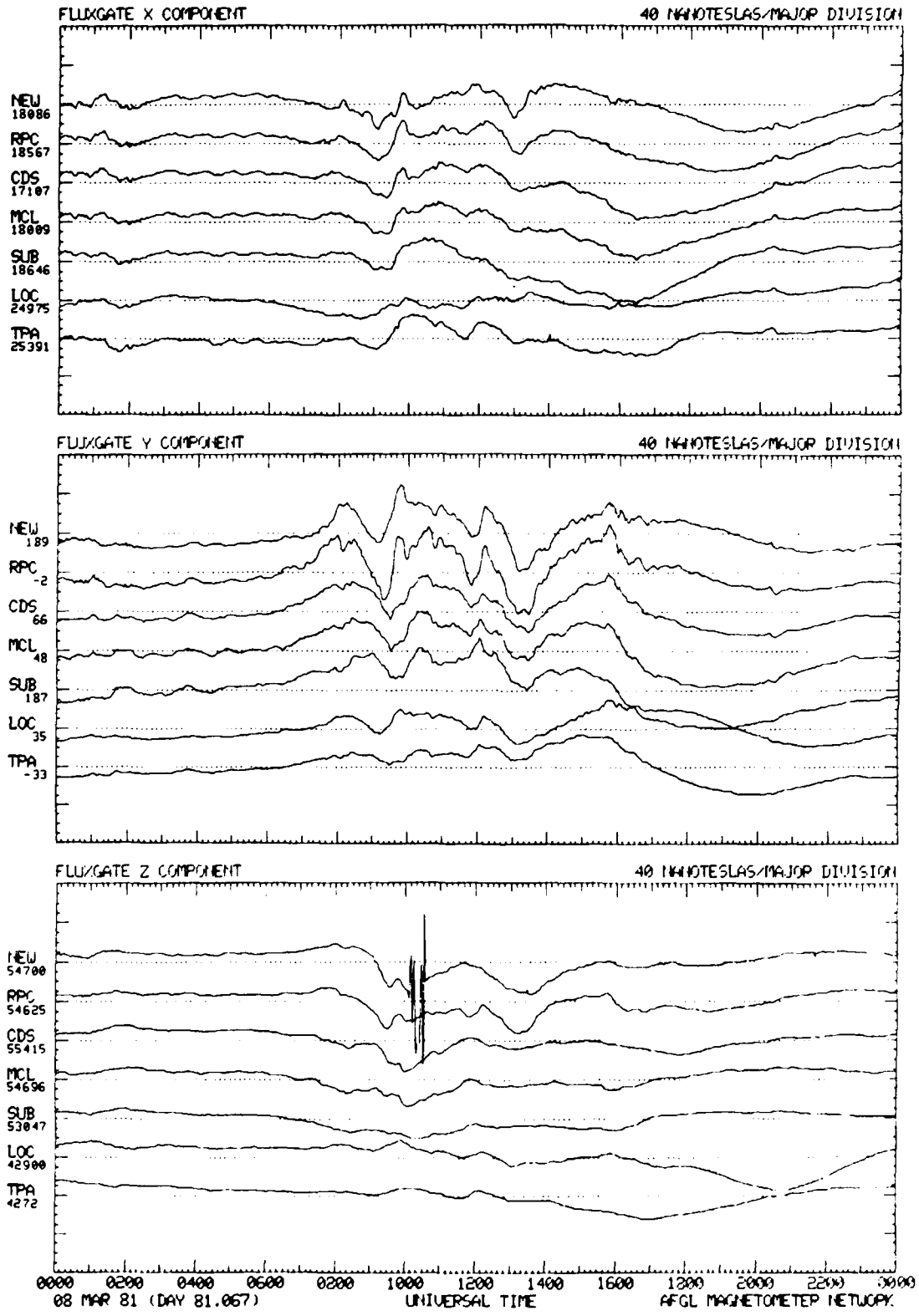
07 MAR 81 (DAY 81.066)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18086
RPC 18567
CDS 17107
MCL 18009
SUB 18646
LOC 24975
TPA 25391
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 189
RPC -2
CDS 66
MCL 48
SUB 187
LOC 35
TPA -33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54700
RPC 54625
CDS 55415
MCL 54696
SUB 53047
LOC 42900
TPA 4272
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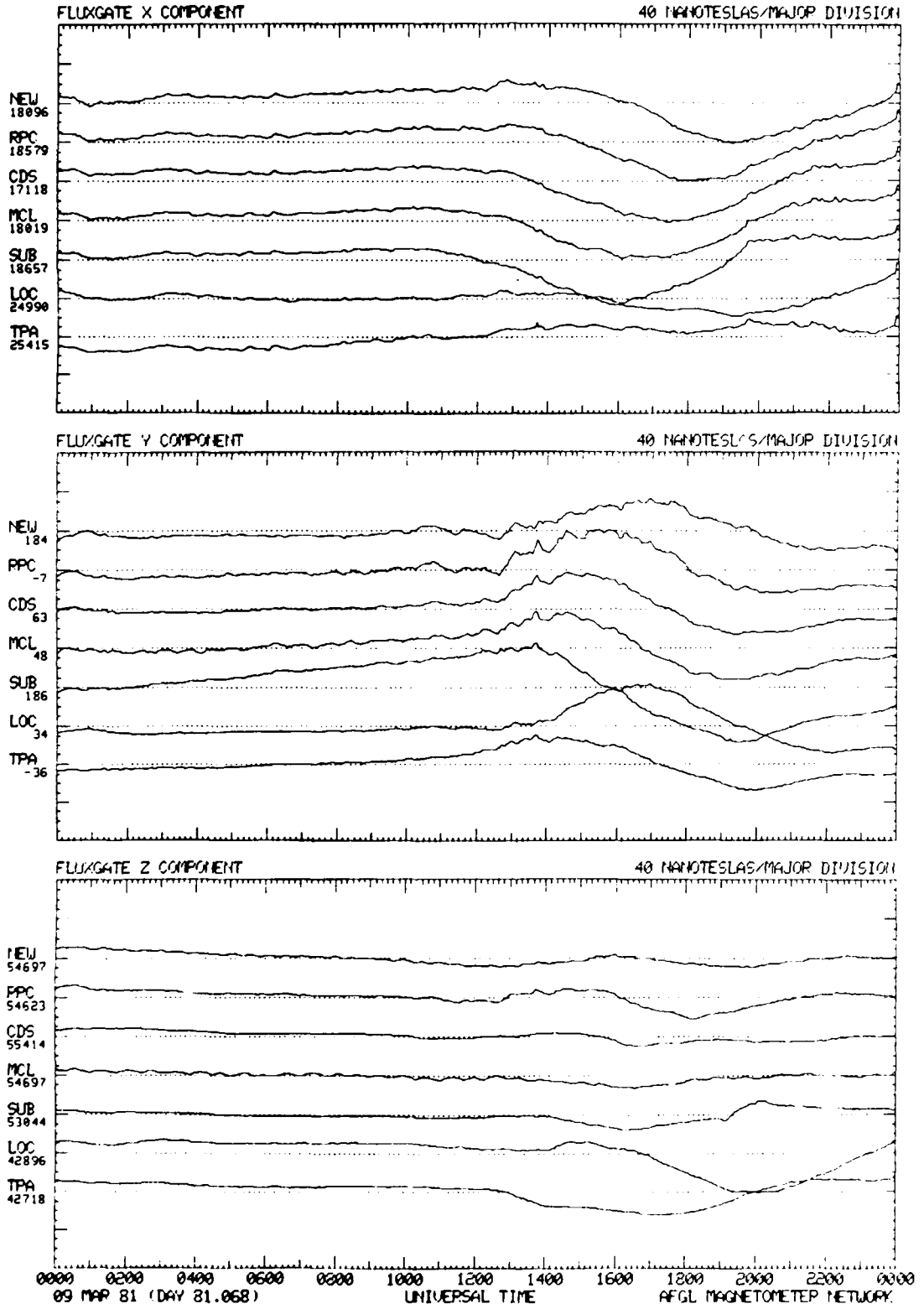
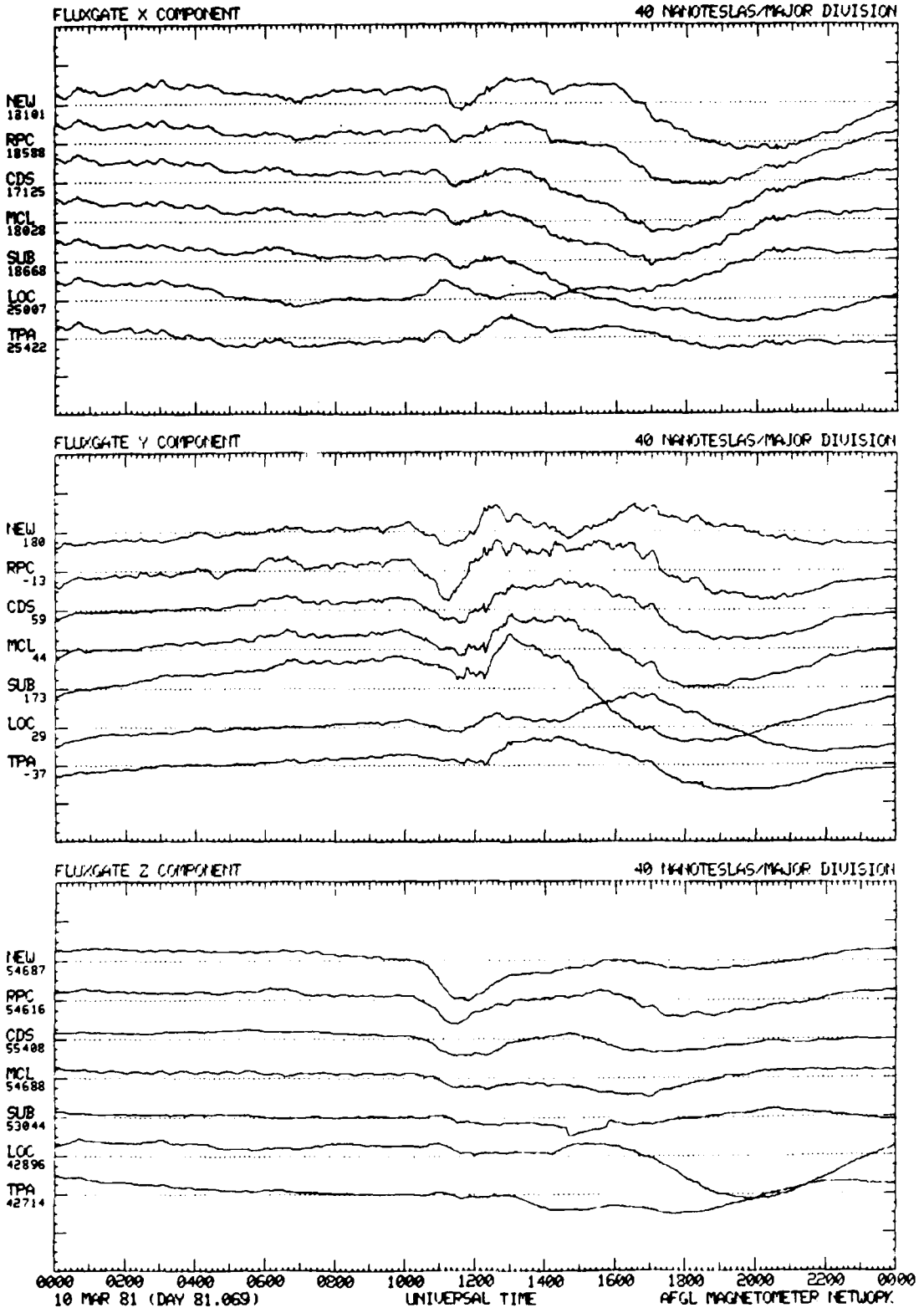
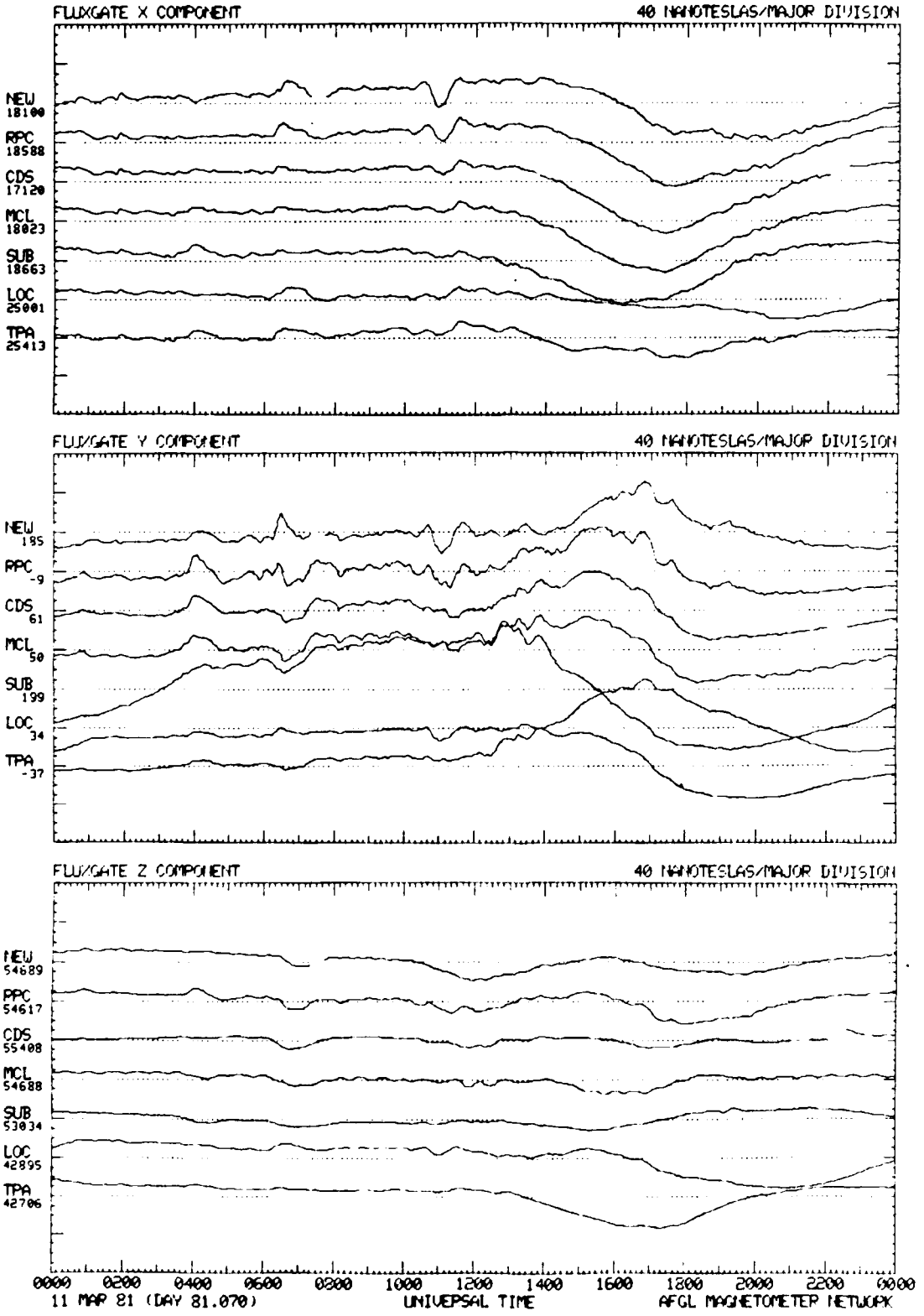
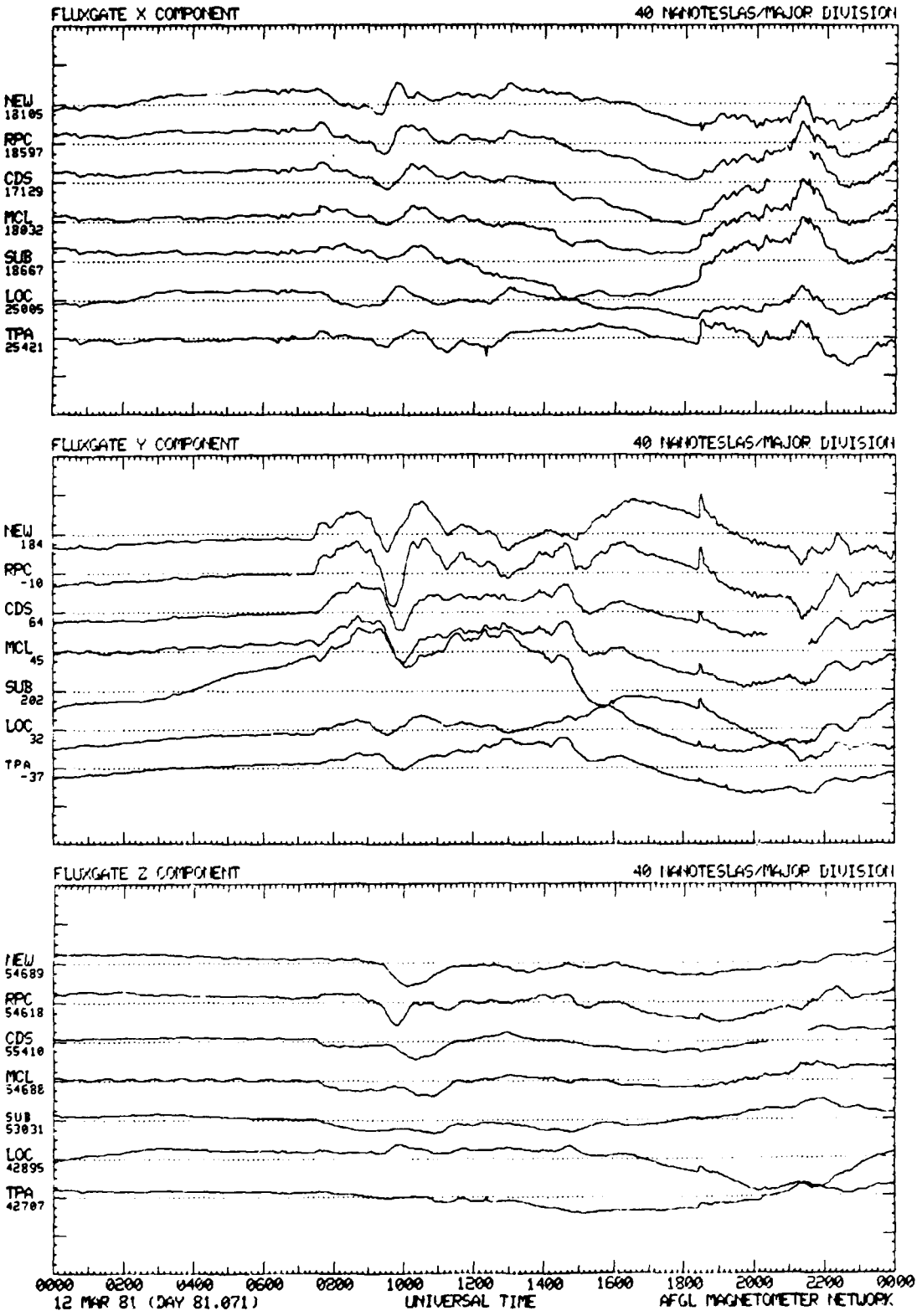
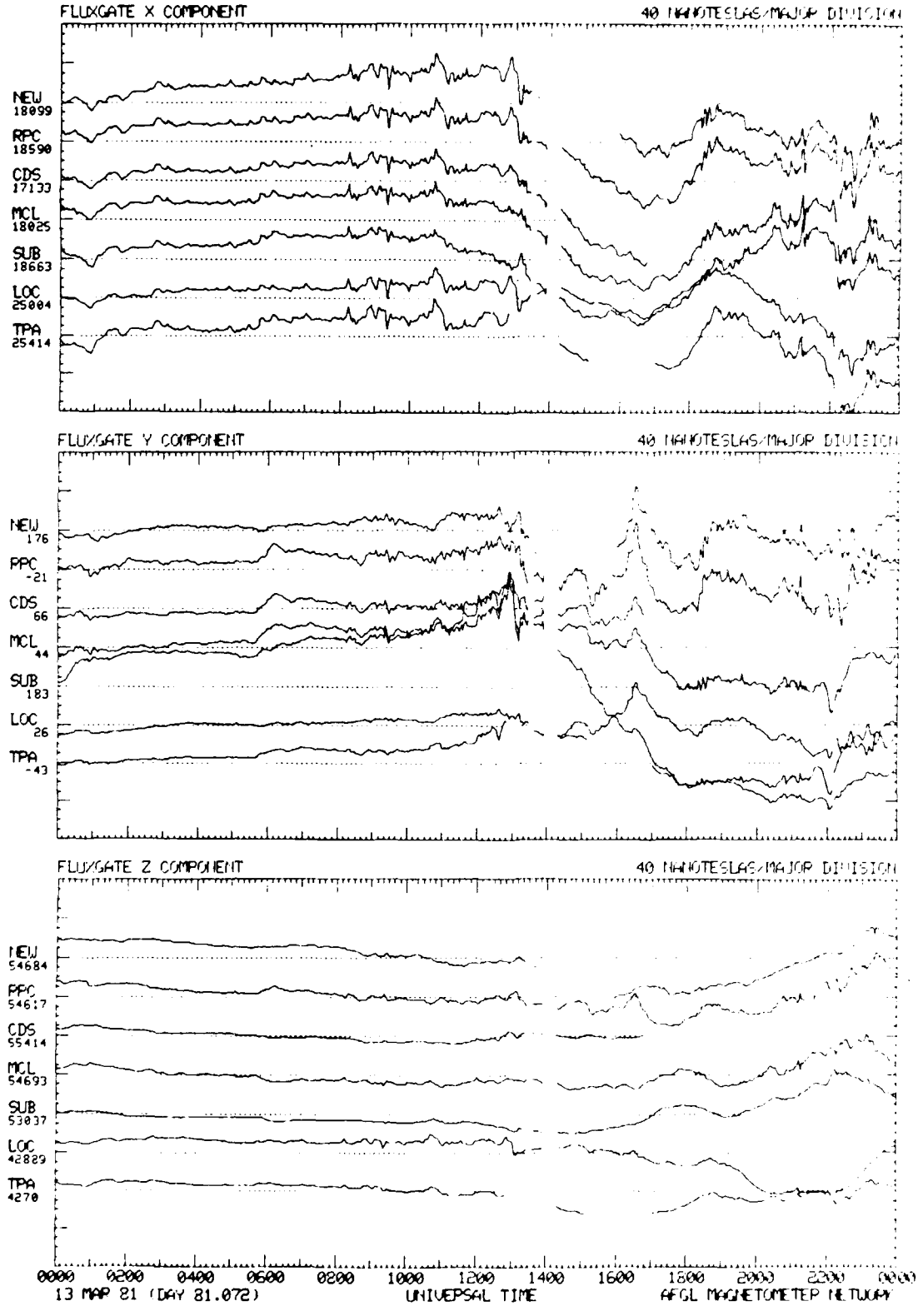
08 MAR 81 (DAY 81.067)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18096
RPC 18579
CDS 17118
MCL 18019
SUB 18657
LOC 24990
TPA 25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC -7
CDS 63
MCL 48
SUB 186
LOC 34
TPA -36
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54697
RPC 54623
CDS 55414
MCL 54697
SUB 53044
LOC 42896
TPA 42718
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 MAR 81 (DAY 81.068)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18101
RPC 18588
CDS 17125
MCL 18028
SUB 18668
LOC 25007
TPA 25422
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 180
RPC -13
CDS 59
MCL 44
SUB 173
LOC 29
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54687
RPC 54616
CDS 55408
MCL 54688
SUB 53044
LOC 42896
TPA 42714
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 MAR 81 (DAY 81.069)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18100
RPC 18588
CDS 17120
MCL 18023
SUB 18663
LOC 25001
TPA 25413
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 185
RPC -9
CDS 61
MCL 50
SUB 199
LOC 34
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54689
RPC 54617
CDS 55408
MCL 54688
SUB 53034
LOC 42895
TPA 42706
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 MAR 81 (DAY 81.070)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18105
RPC 18597
CDS 17129
MCL 18032
SUB 18667
LOC 25005
TPA 25421
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC -10
CDS 64
MCL 45
SUB 202
LOC 32
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54689
RPC 54618
CDS 55410
MCL 54688
SUB 53031
LOC 42895
TPA 42707
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 MAR 81 (DAY 81.071)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18099
RPC 18590
CDS 17133
MCL 18025
SUB 18663
LOC 25004
TPA 25414
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 176
PPC -21
CDS 66
MCL 44
SUB 183
LOC 26
TPA -43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54684
PPC 54617
CDS 55414
MCL 54693
SUB 53037
LOC 42889
TPA 4270
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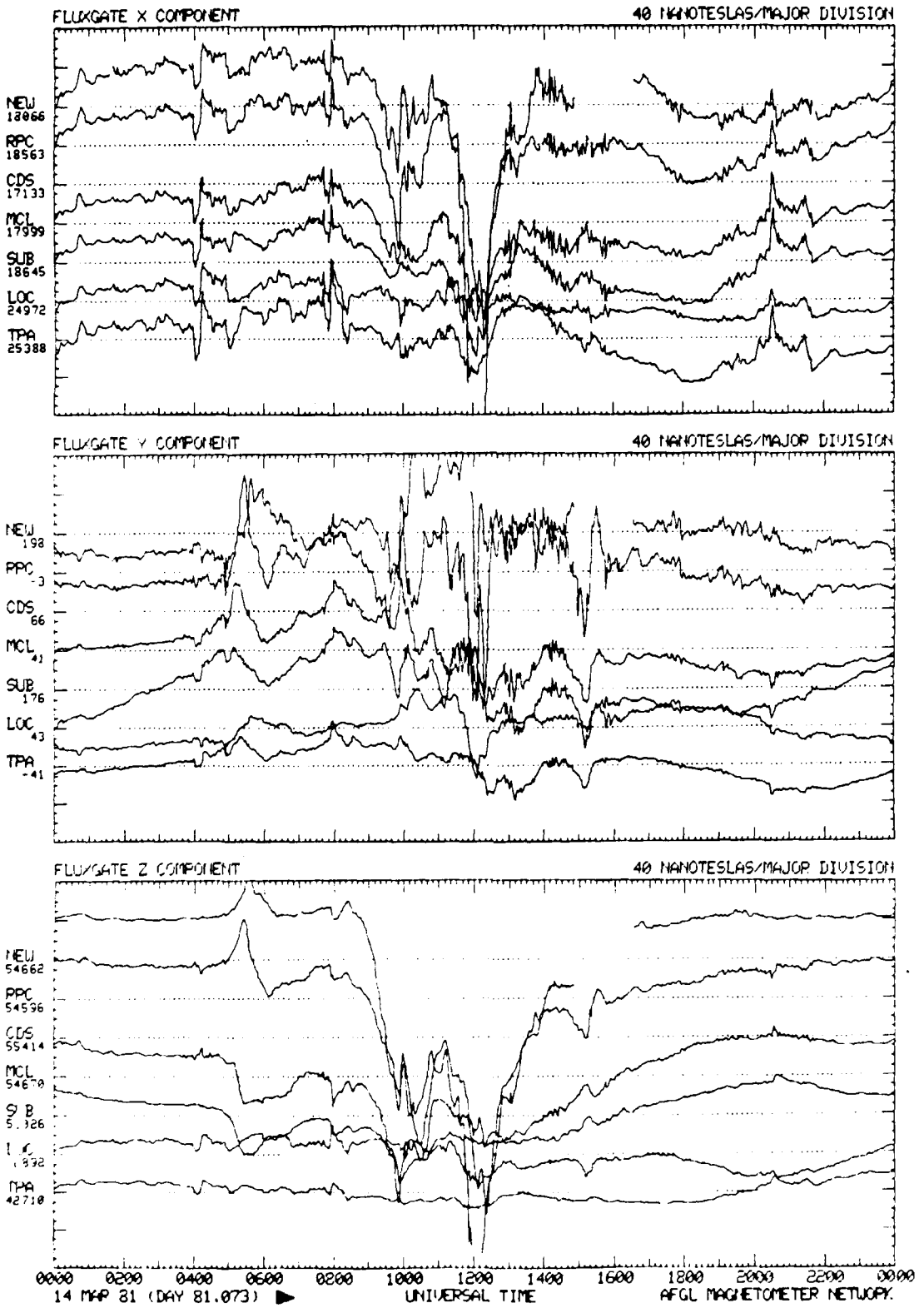
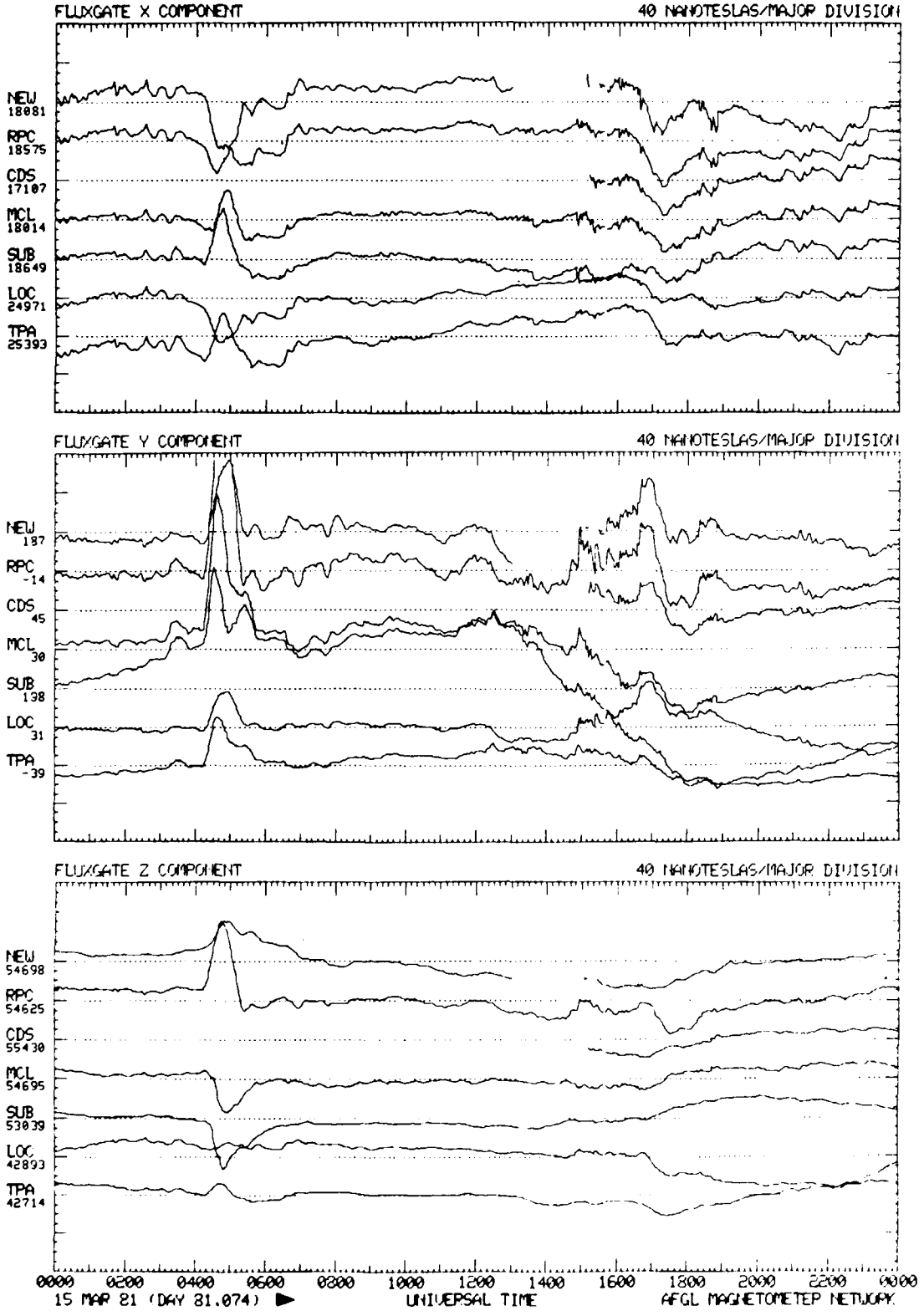
13 MAR 81 (DAY 81.072)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18066
RPC 18563
CDS 17133
MCL 17999
SUB 18645
LOC 24972
TPA 25388
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 198
PPC -3
CDS 66
MCL 41
SUB 176
LOC 43
TPA -41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54662
PPC 54596
CDS 55414
MCL 54670
SUB 55326
LOC 51892
TPA 42710
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 MAR 81 (DAY 81.073)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18081
RPC 18575
CDS 17107
MCL 18014
SUB 18649
LOC 24971
TPA 25393
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 187
RPC -14
CDS 45
MCL 30
SUB 198
LOC 31
TPA -39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54698
RPC 54625
CDS 55430
MCL 54695
SUB 53039
LOC 42893
TPA 42714
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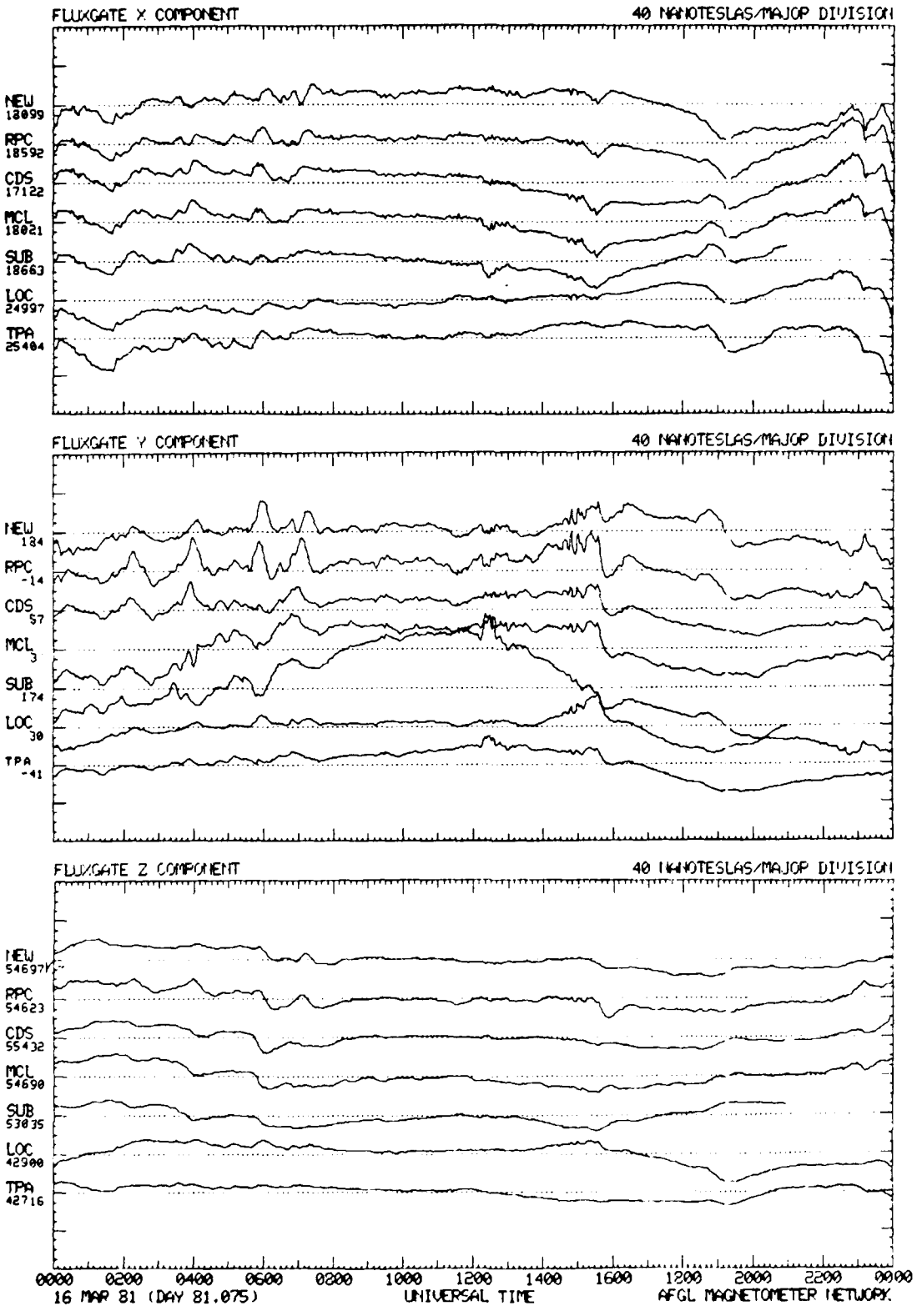
15 MAR 81 (DAY 81.074)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18099
RPC 18592
CDS 17122
MCL 18021
SUB 18663
LOC 24997
TPA 25404
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC -14
CDS 57
MCL 3
SUB 174
LOC 30
TPA -41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54697
RPC 54623
CDS 55432
MCL 54690
SUB 53035
LOC 42900
TPA 42716
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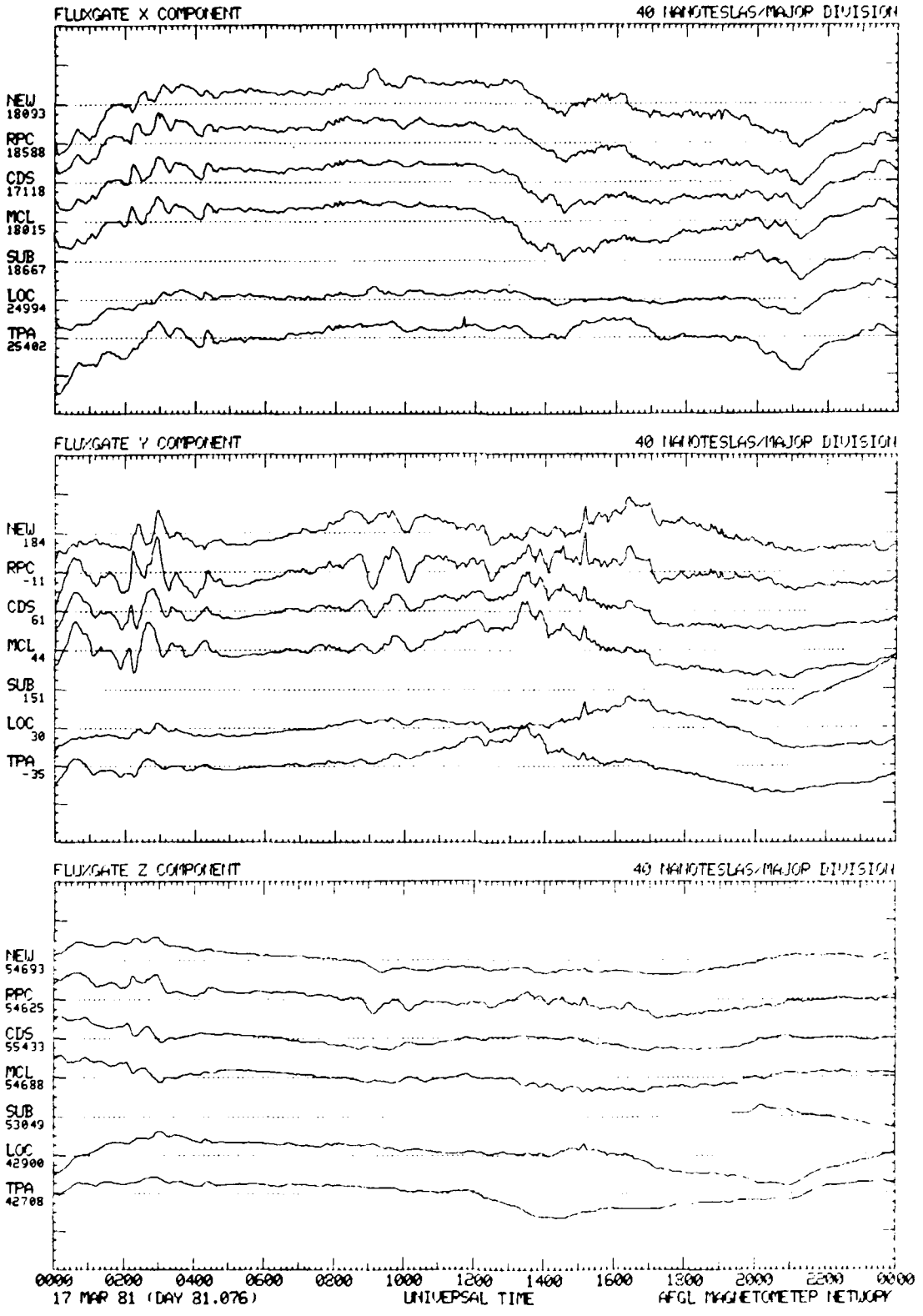
16 MAR 81 (DAY 81.075)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18093
RPC 18588
CDS 17118
MCL 18015
SUB 18667
LOC 24994
TPA 25402
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC -11
CDS 61
MCL 44
SUB 151
LOC 30
TPA -35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54693
RPC 54625
CDS 55433
MCL 54688
SUB 53049
LOC 42900
TPA 42708
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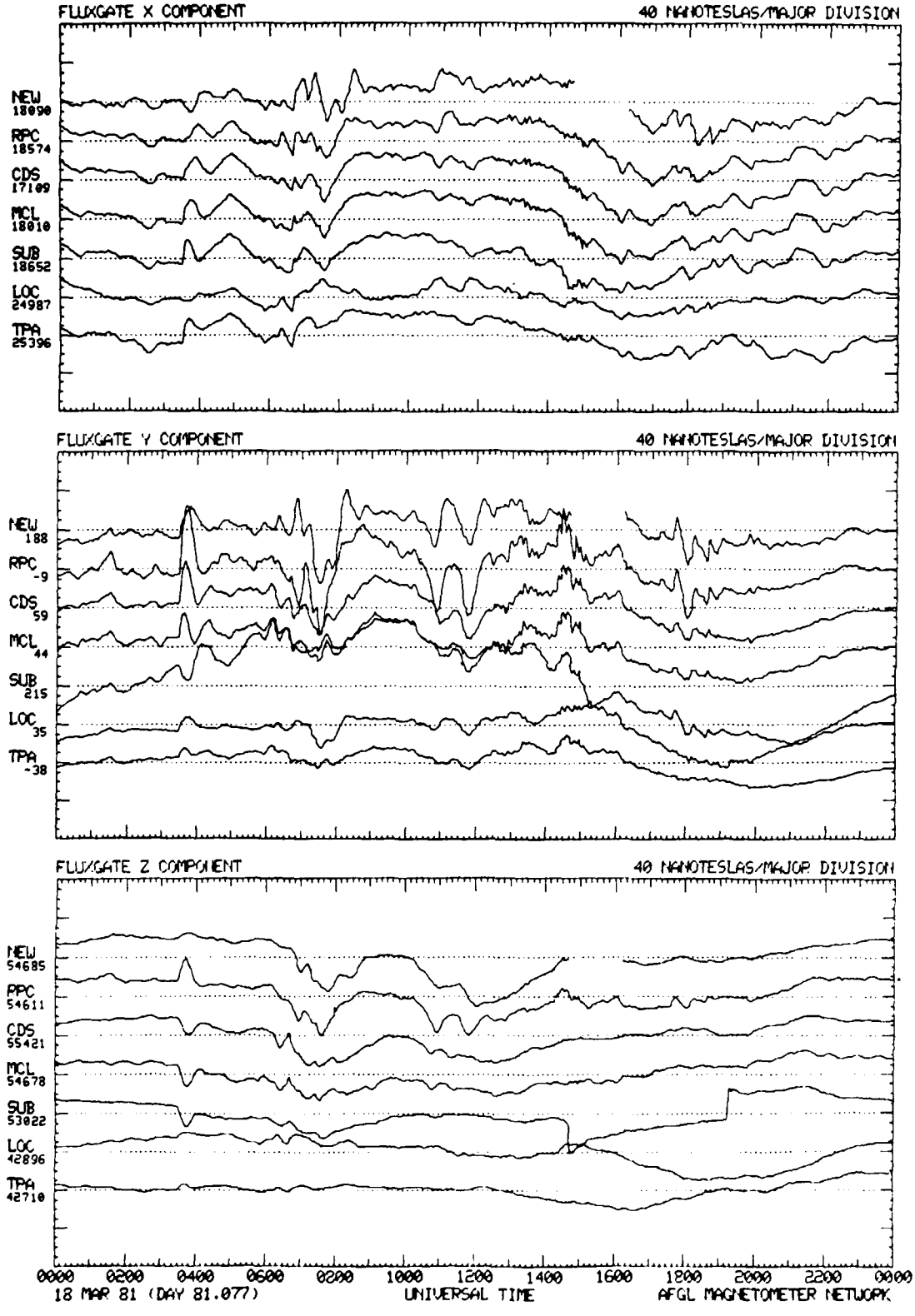
17 MAR 81 (DAY 81.076)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18090
RPC 18574
CDS 17109
MCL 18010
SUB 18652
LOC 24987
TPA 25396
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 188
RPC -9
CDS 59
MCL 44
SUB 215
LOC 35
TPA -38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54685
RPC 54611
CDS 55421
MCL 54678
SUB 53022
LOC 42896
TPA 42710
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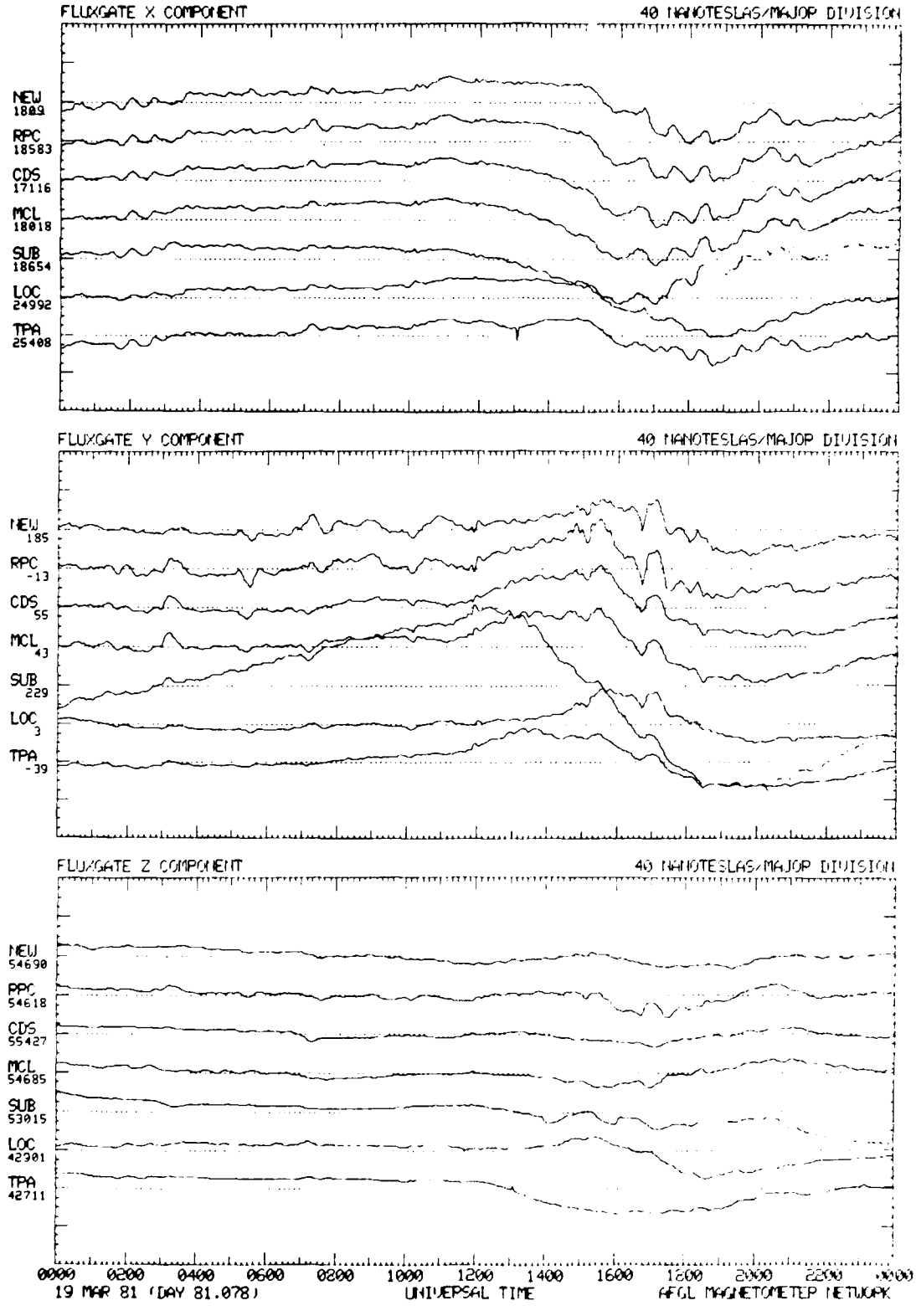
18 MAR 81 (DAY 81.077)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18089
RPC
18583
CDS
17116
MCL
18018
SUB
18654
LOC
24992
TPA
25408
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
185
RPC
-13
CDS
55
MCL
43
SUB
229
LOC
3
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54690
PPC
54618
CDS
55427
MCL
54685
SUB
53015
LOC
42901
TPA
42711
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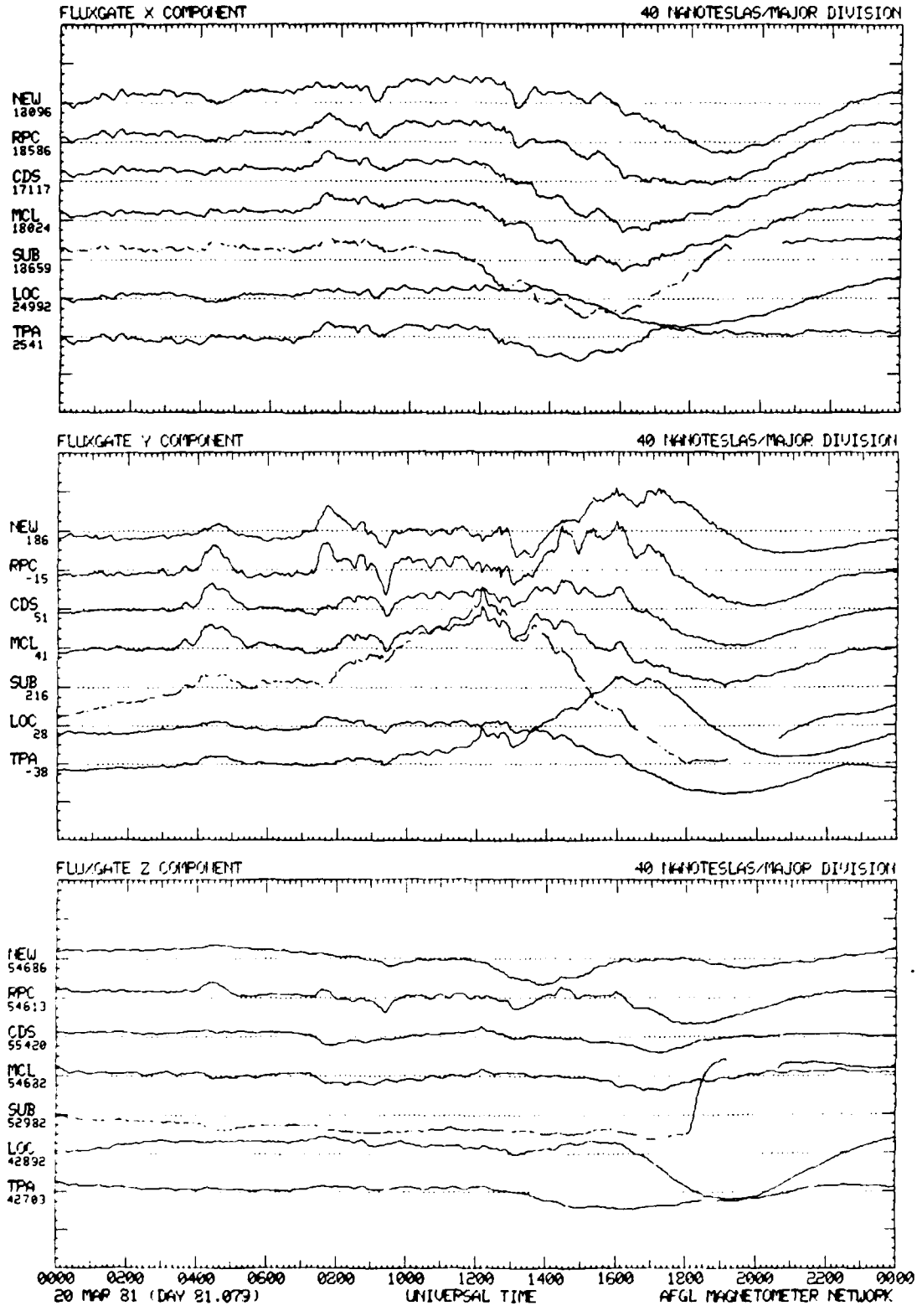
19 MAR 81 (DAY 81.078)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18096
RPC 18586
CDS 17117
MCL 18024
SUB 18659
LOC 24992
TPA 2541
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 186
RPC -15
CDS 51
MCL 41
SUB 216
LOC 28
TPA -38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54686
RPC 54613
CDS 55420
MCL 54682
SUB 52982
LOC 42892
TPA 42703
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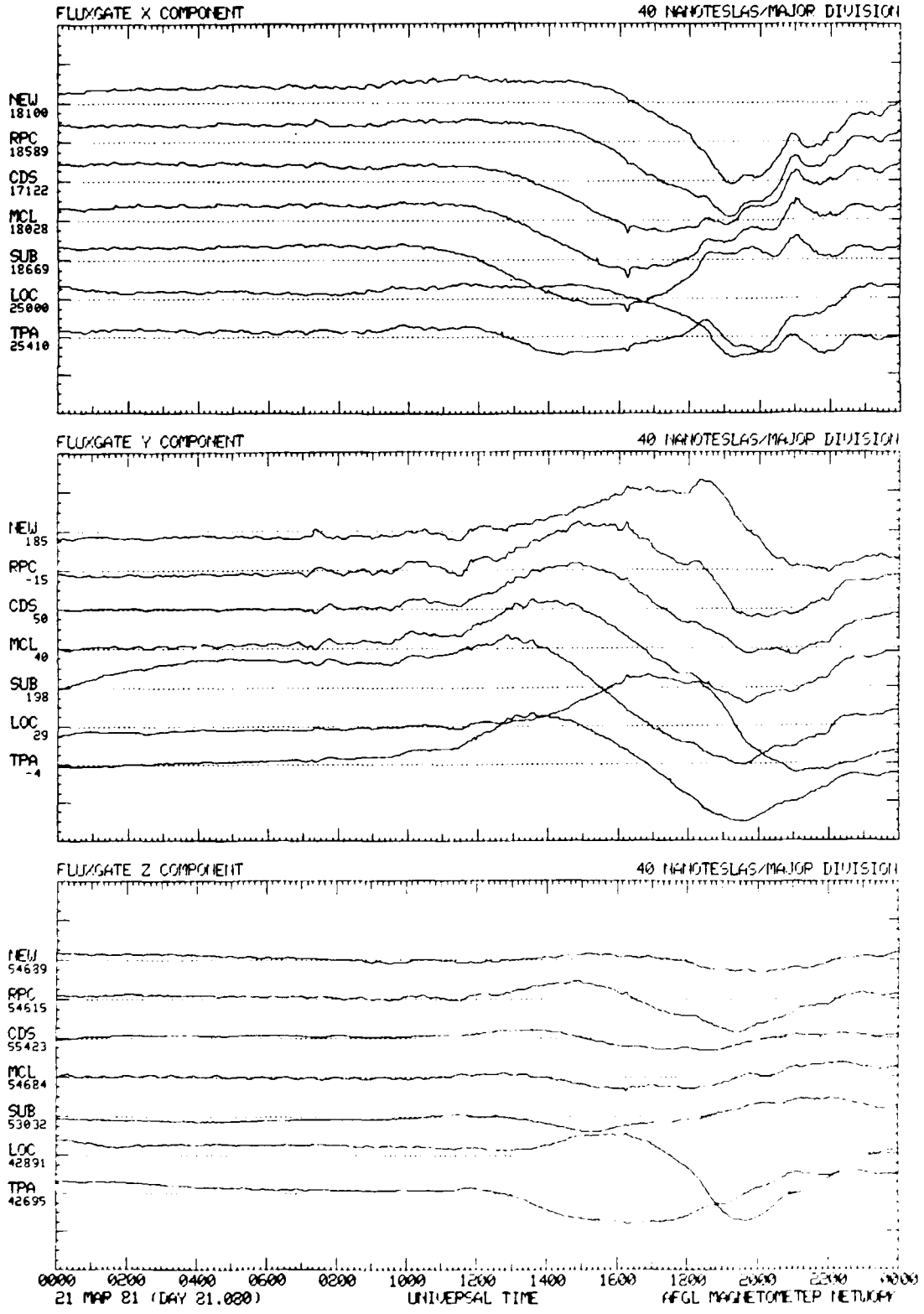
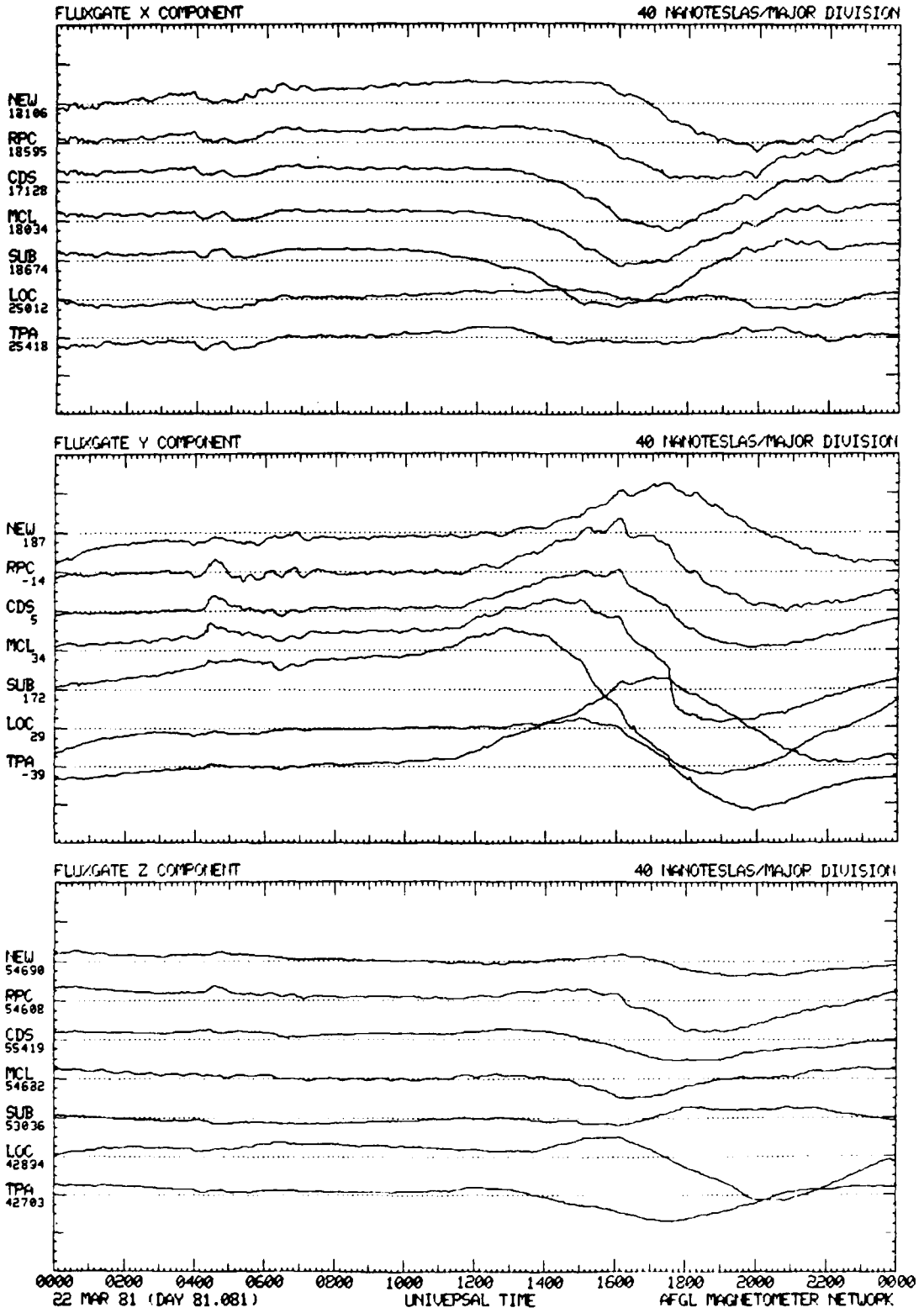
20 MAR 81 (DAY 81.079)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18100
RPC 18589
CDS 17122
MCL 18028
SUB 18669
LOC 25000
TPA 25410
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 185
RPC -15
CDS 50
MCL 40
SUB 198
LOC 29
TPA -4
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54639
RPC 54615
CDS 55423
MCL 54684
SUB 53032
LOC 42891
TPA 42695
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 MAR 81 (DAY 21.080)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18106
RPC 18595
CDS 17128
MCL 18034
SUB 18674
LOC 25012
TPA 25418
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 187
RPC -14
CDS 5
MCL 34
SUB 172
LOC 29
TPA -39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54690
RPC 54608
CDS 55419
MCL 54682
SUB 53036
LOC 42894
TPA 42703
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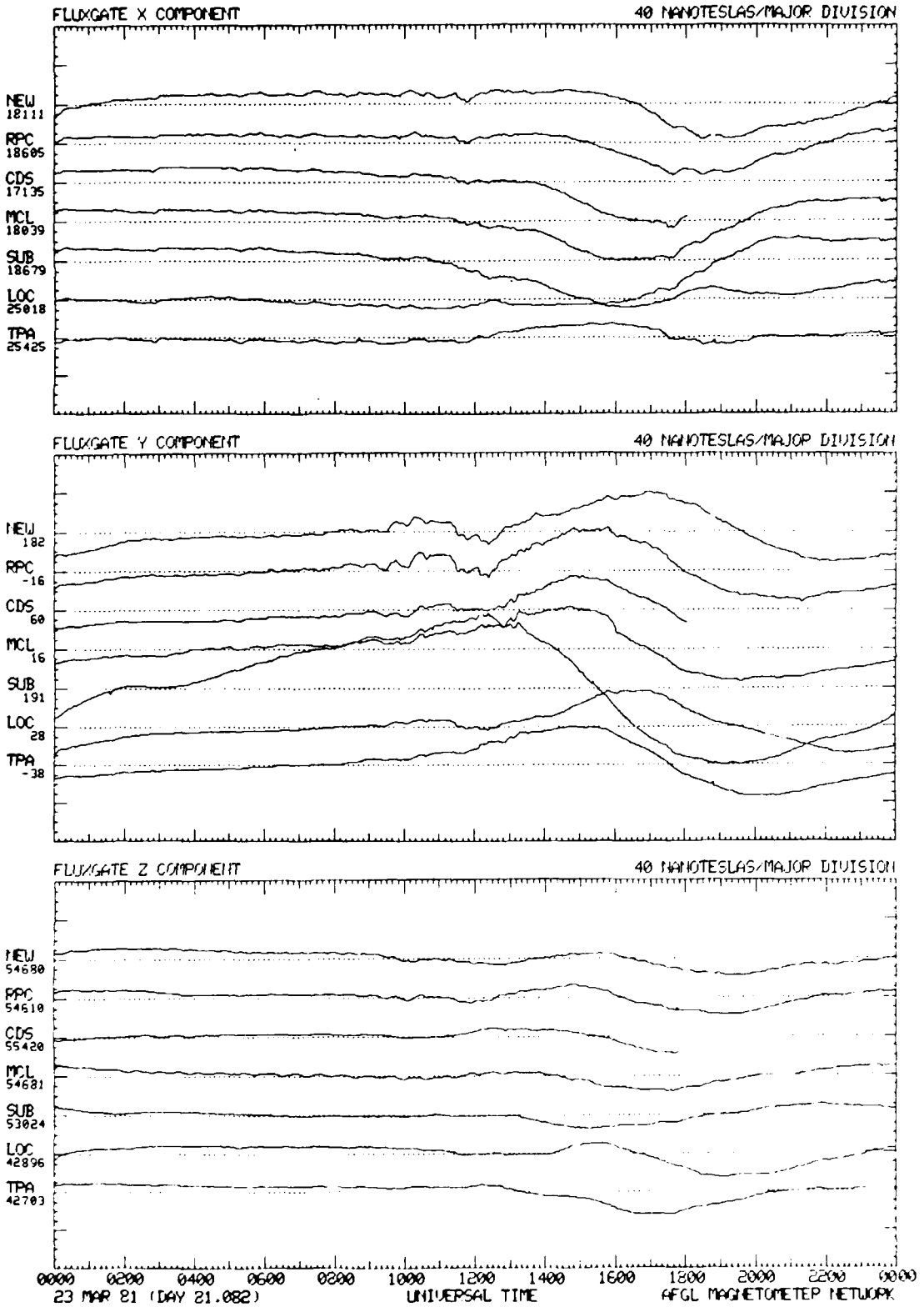
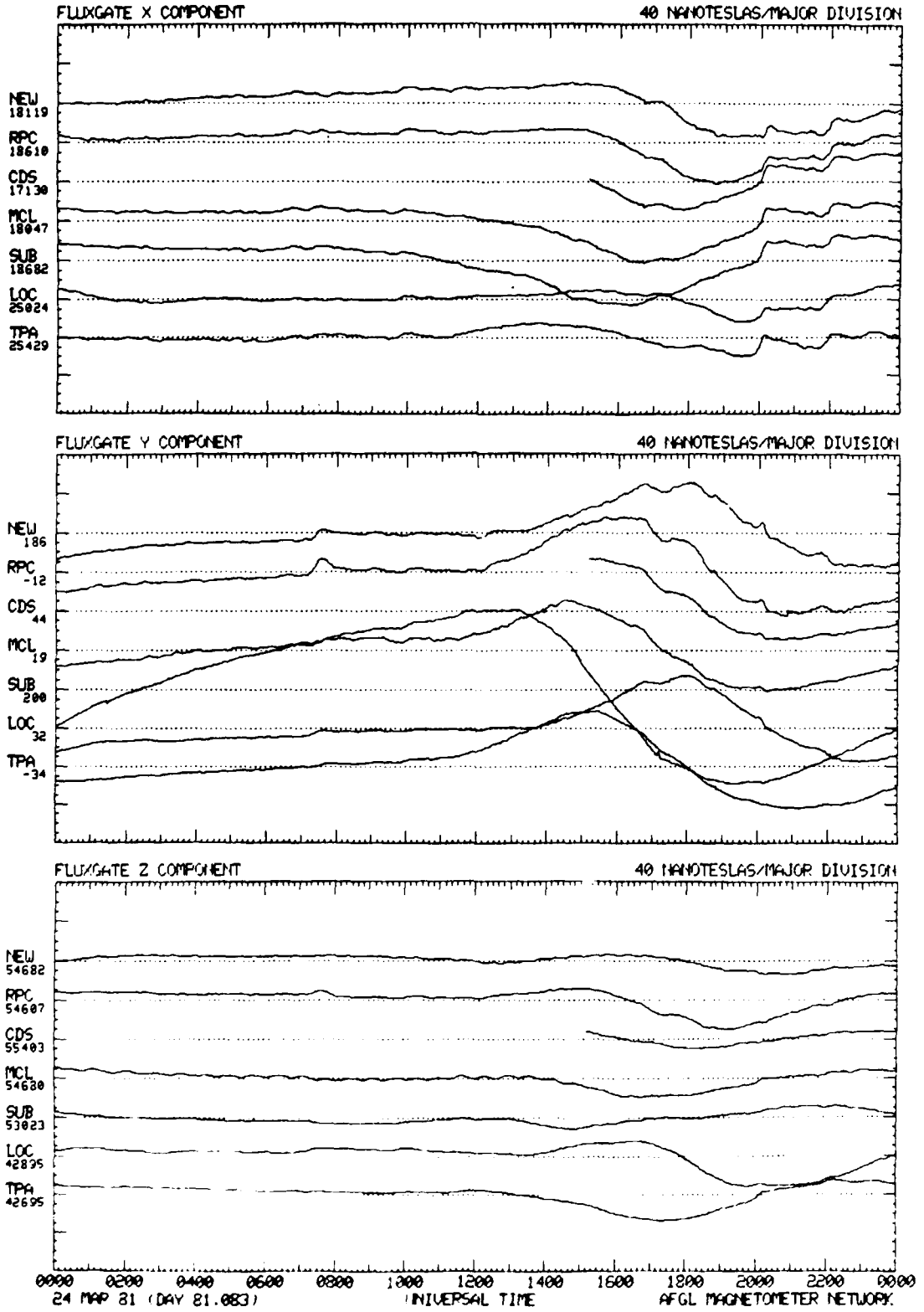
22 MAR 81 (DAY 81.081)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18111
RPC 18605
CDS 17135
MCL 18039
SUB 18679
LOC 25018
TPA 25425
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 182
RPC -16
CDS 60
MCL 16
SUB 191
LOC 28
TPA -38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54680
RPC 54610
CDS 55420
MCL 54681
SUB 53024
LOC 42896
TPA 42703
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 MAR 81 (DAY 21.082)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18119
RPC 18610
CDS 17130
MCL 18047
SUB 18682
LOC 25024
TPA 25429
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 186
RPC -12
CDS 44
MCL 19
SUB 200
LOC 32
TPA -34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54682
RPC 54607
CDS 55403
MCL 54680
SUB 53023
LOC 42895
TPA 42695
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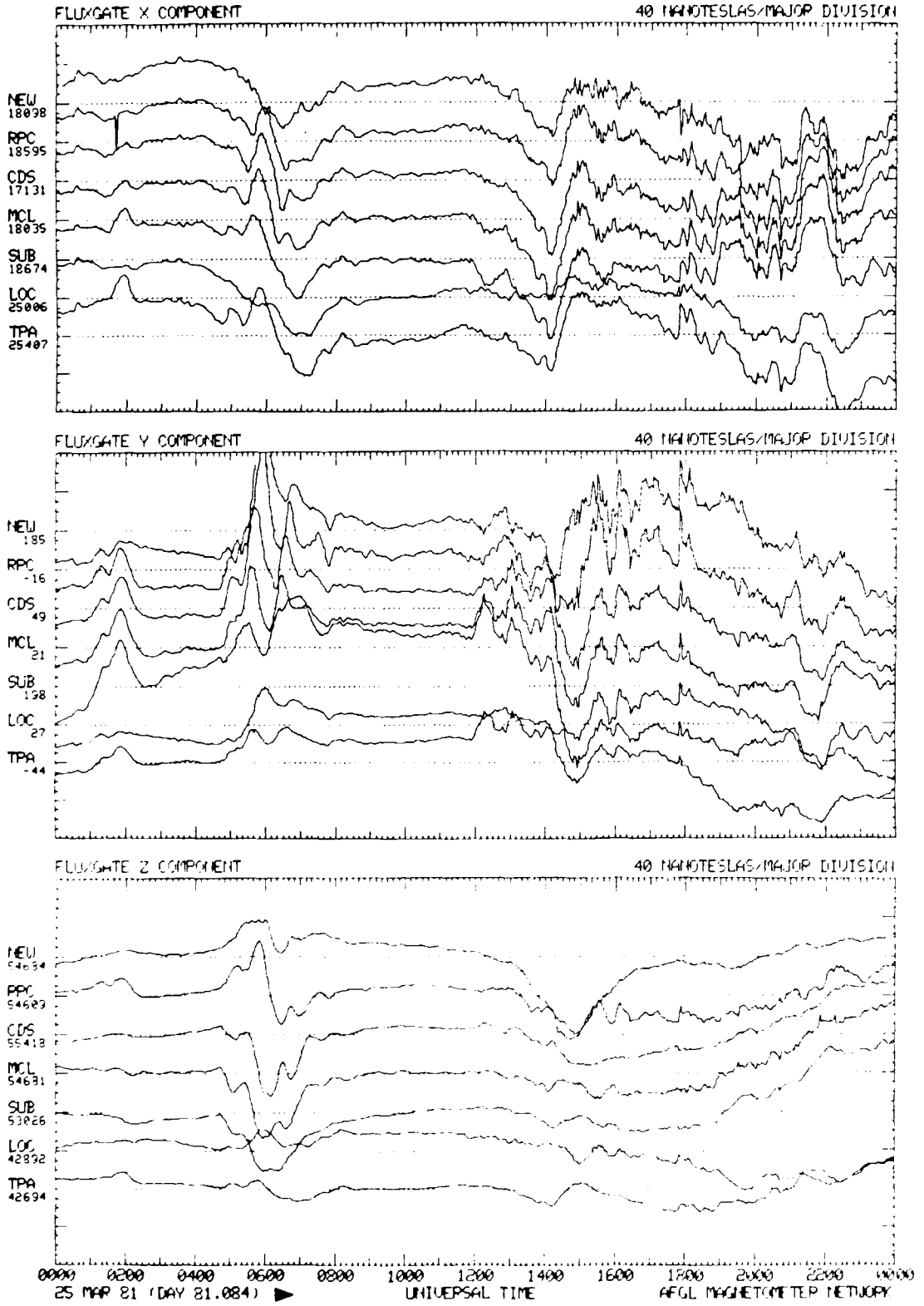
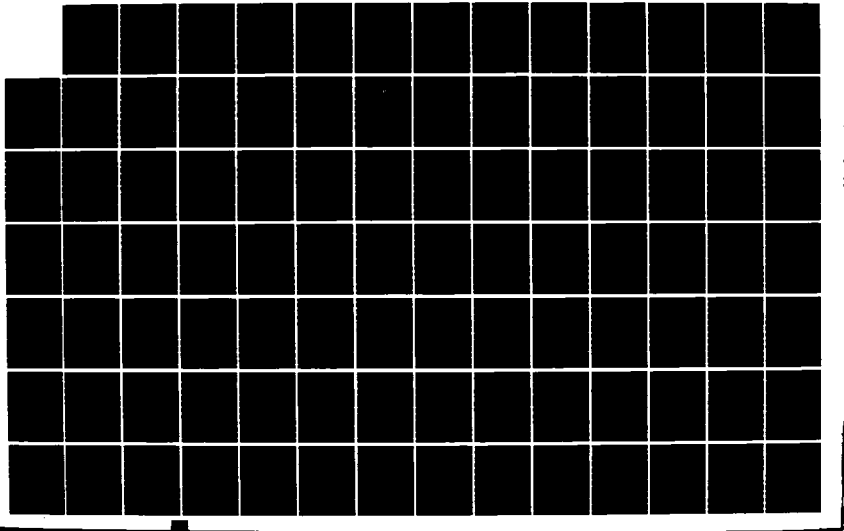
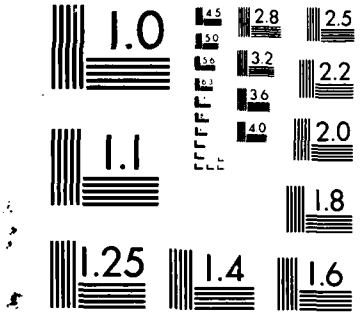
24 MAR 81 (DAY 81.083)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18098
RPC
18595
CDS
17131
MCL
18035
SUB
18674
LOC
25006
TPA
25407
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
185
RPC
-16
CDS
49
MCL
21
SUB
158
LOC
27
TPA
-44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54634
RPC
54609
CDS
55418
MCL
54631
SUB
53026
LOC
42892
TPA
42694
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 MAR 81 (DAY 81.084)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

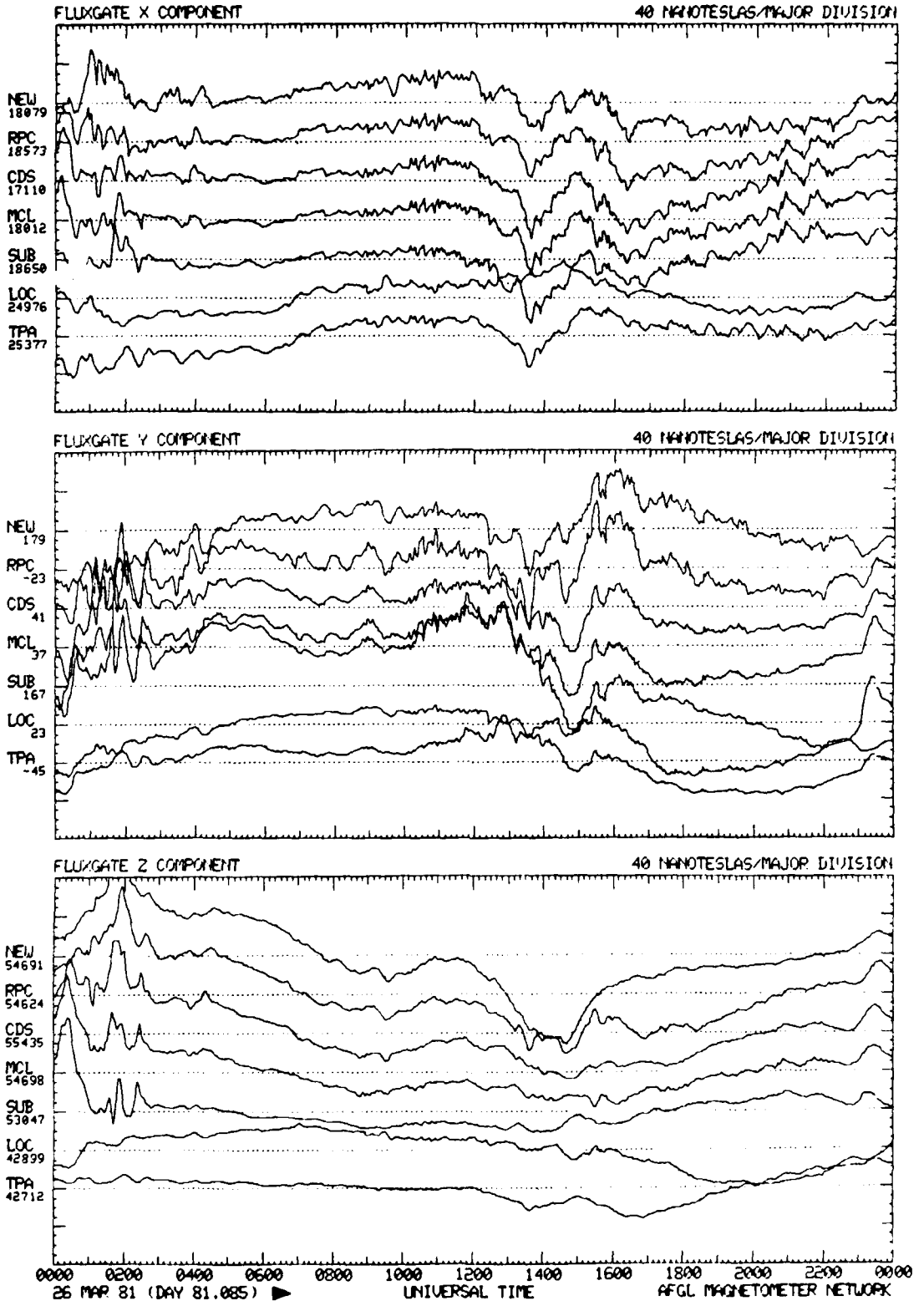
AD-A173 958 DAILY MAGNETOGRAMS FOR 1981 FROM THE AFGL (AIR FORCE GEOPHYSICS LABORATORY) NETWORK(U) AIR FORCE GEOPHYSICS LAB HANSCOM AFB MA D J KNECHT 28 FEB 85 2/5

UNCLASSIFIED AFGL-TR-85-0030 F/G 4/1 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A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40 NANOTESLAS/MAJOR DIVISION
NEW 18079
RPC 18573
CDS 17110
MCL 18012
SUB 18650
LOC 24976
TPA 25377
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 179
RPC -23
CDS 41
MCL 37
SUB 167
LOC 23
TPA -45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54691
RPC 54624
CDS 55435
MCL 54698
SUB 53047
LOC 42899
TPA 42712
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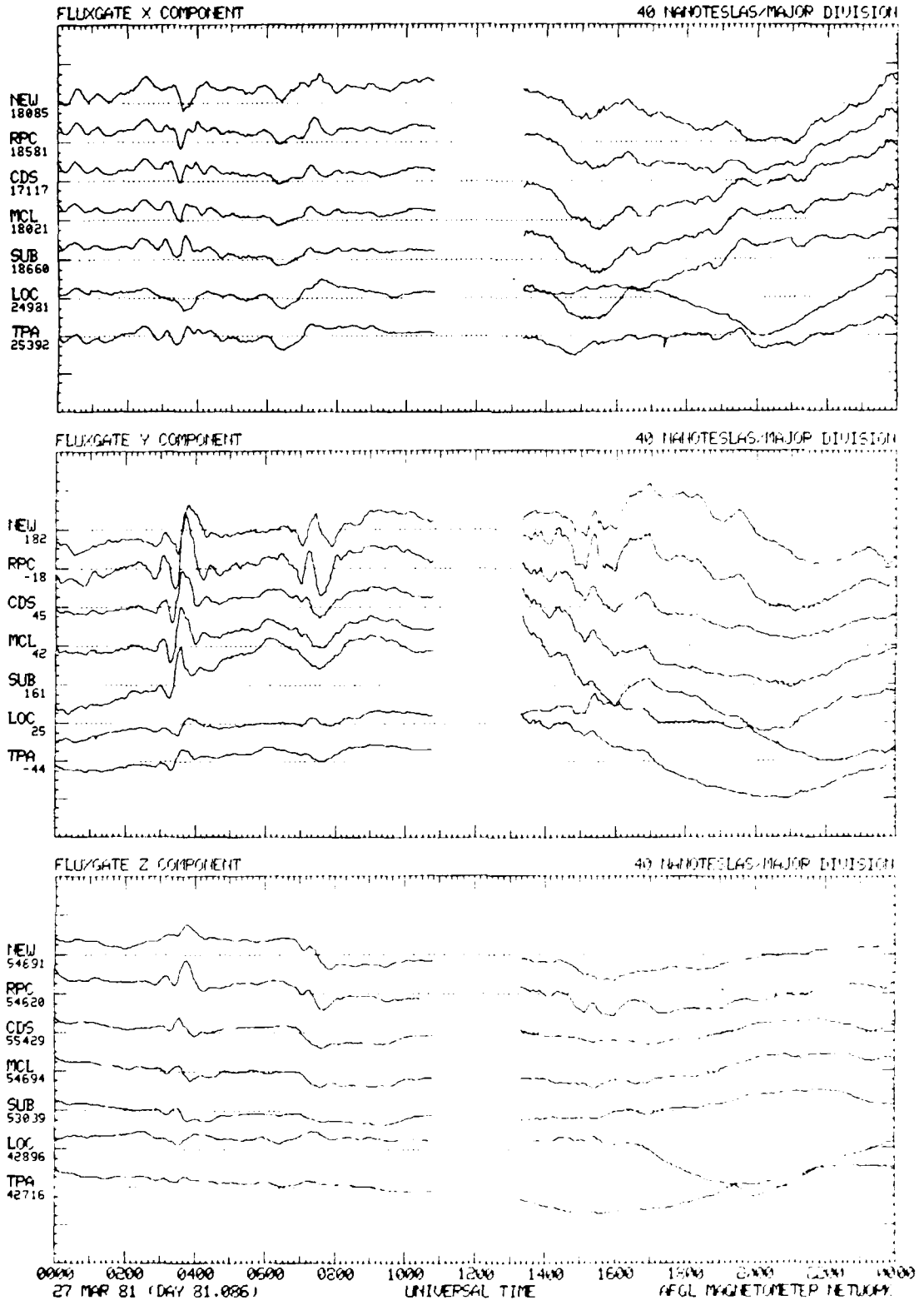
26 MAR 81 (DAY 81.085)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18085
RPC 18581
CDS 17117
MCL 18021
SUB 18660
LOC 24981
TPA 25392
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 182
RPC -18
CDS 45
MCL 42
SUB 161
LOC 25
TPA -44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54691
RPC 54620
CDS 55429
MCL 54694
SUB 53039
LOC 42896
TPA 42716
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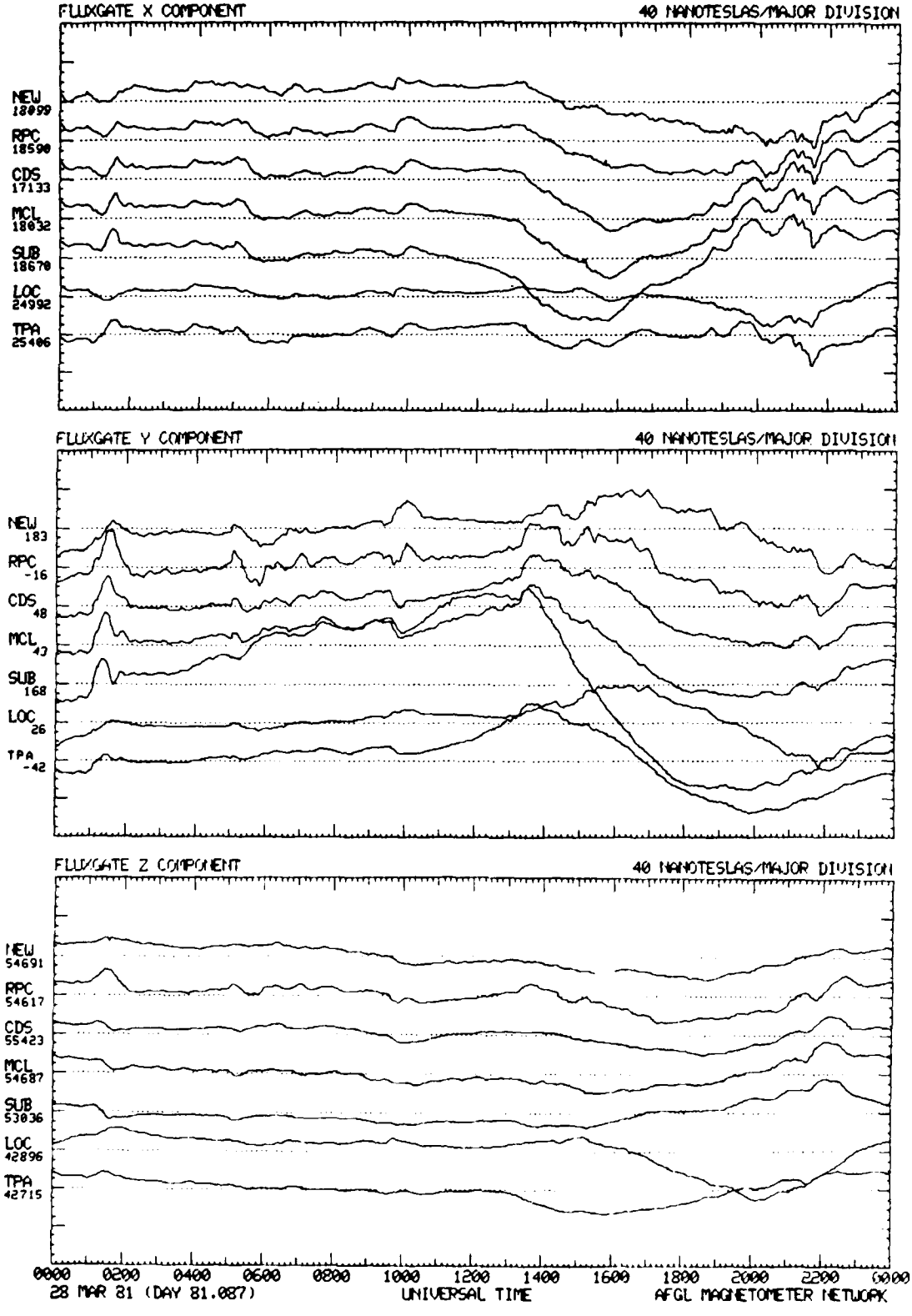
27 MAR 81 (DAY 81.086)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18099
RPC 18590
CDS 17133
MCL 18032
SUB 18670
LOC 24992
TPA 25406
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 183
RPC -16
CDS 48
MCL 47
SUB 168
LOC 26
TPA -42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54691
RPC 54617
CDS 55423
MCL 54687
SUB 53036
LOC 42896
TPA 42715
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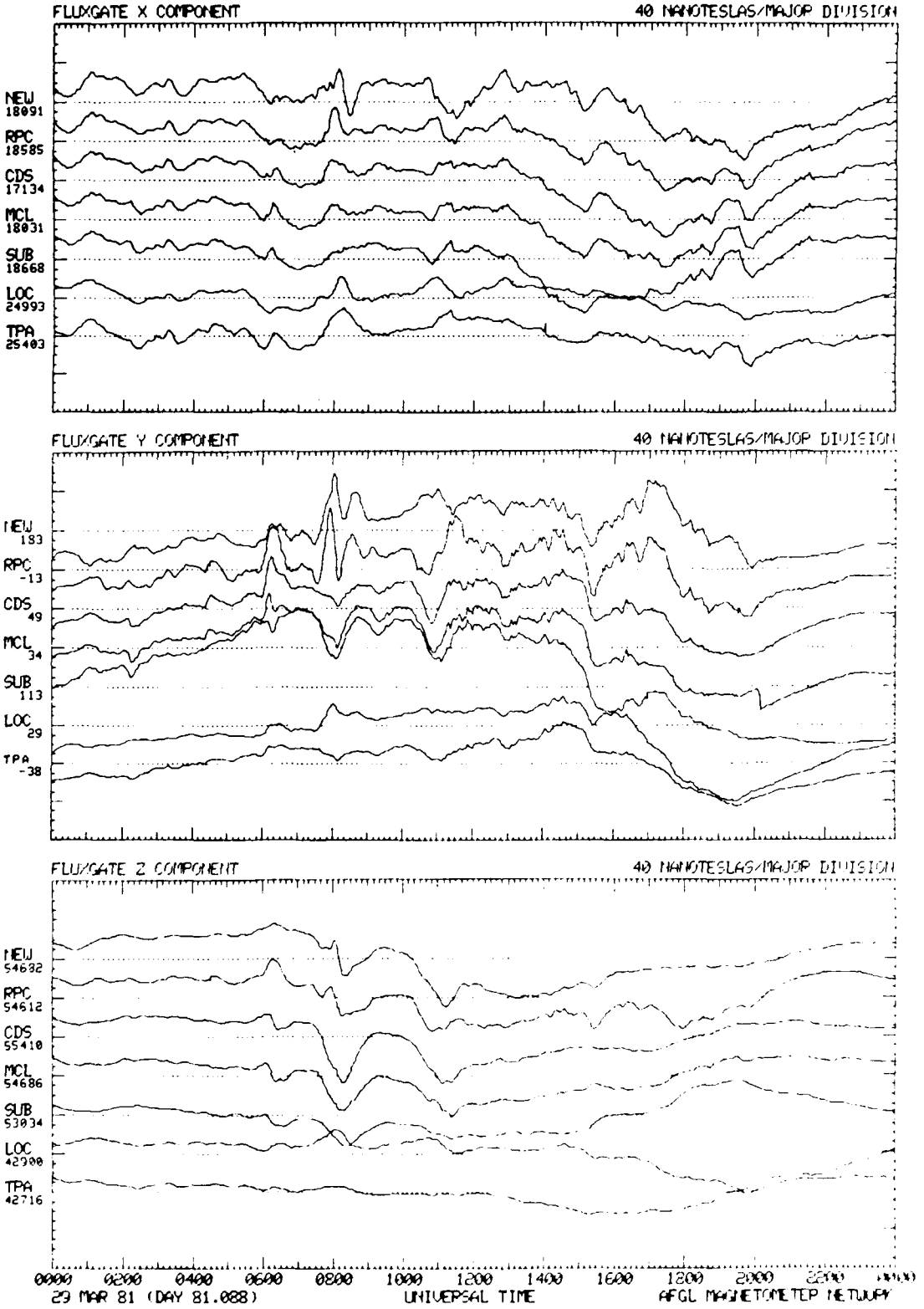
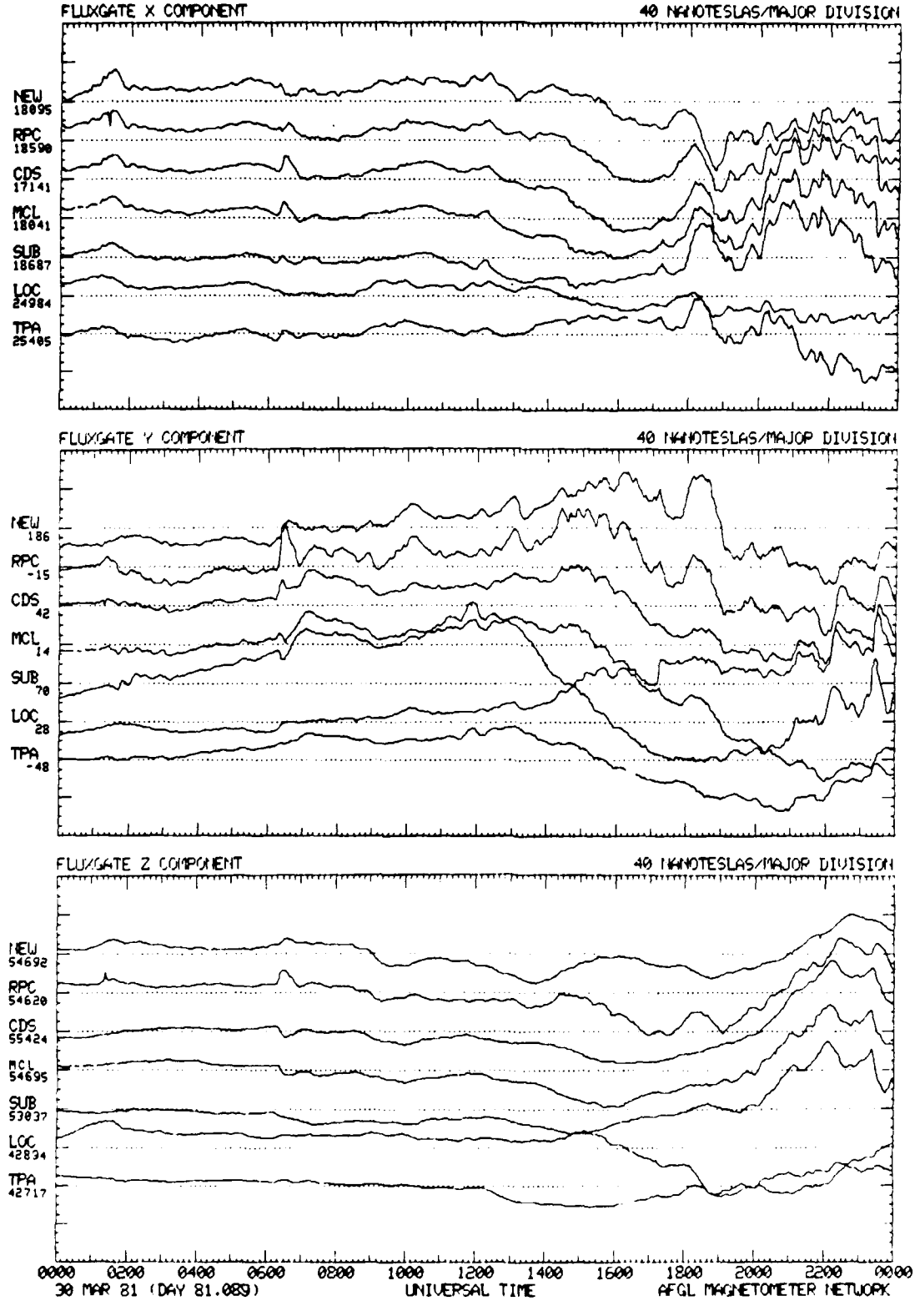
28 MAR 81 (DAY 81.087)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18091
RPC 18585
CDS 17134
MCL 18031
SUB 18668
LOC 24993
TPA 25403
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 183
RPC -13
CDS 49
MCL 34
SUB 113
LOC 29
TPA -38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54682
RPC 54612
CDS 55410
MCL 54686
SUB 53034
LOC 42900
TPA 42716
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000
29 MAR 81 (DAY 81.088)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18095
RPC 18590
CDS 17141
MCL 18041
SUB 18687
LOC 24984
TPA 25405
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 186
RPC -15
CDS 42
MCL 14
SUB 70
LOC 28
TPA -48
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54692
RPC 54620
CDS 55424
MCL 54695
SUB 53037
LOC 42834
TPA 42717
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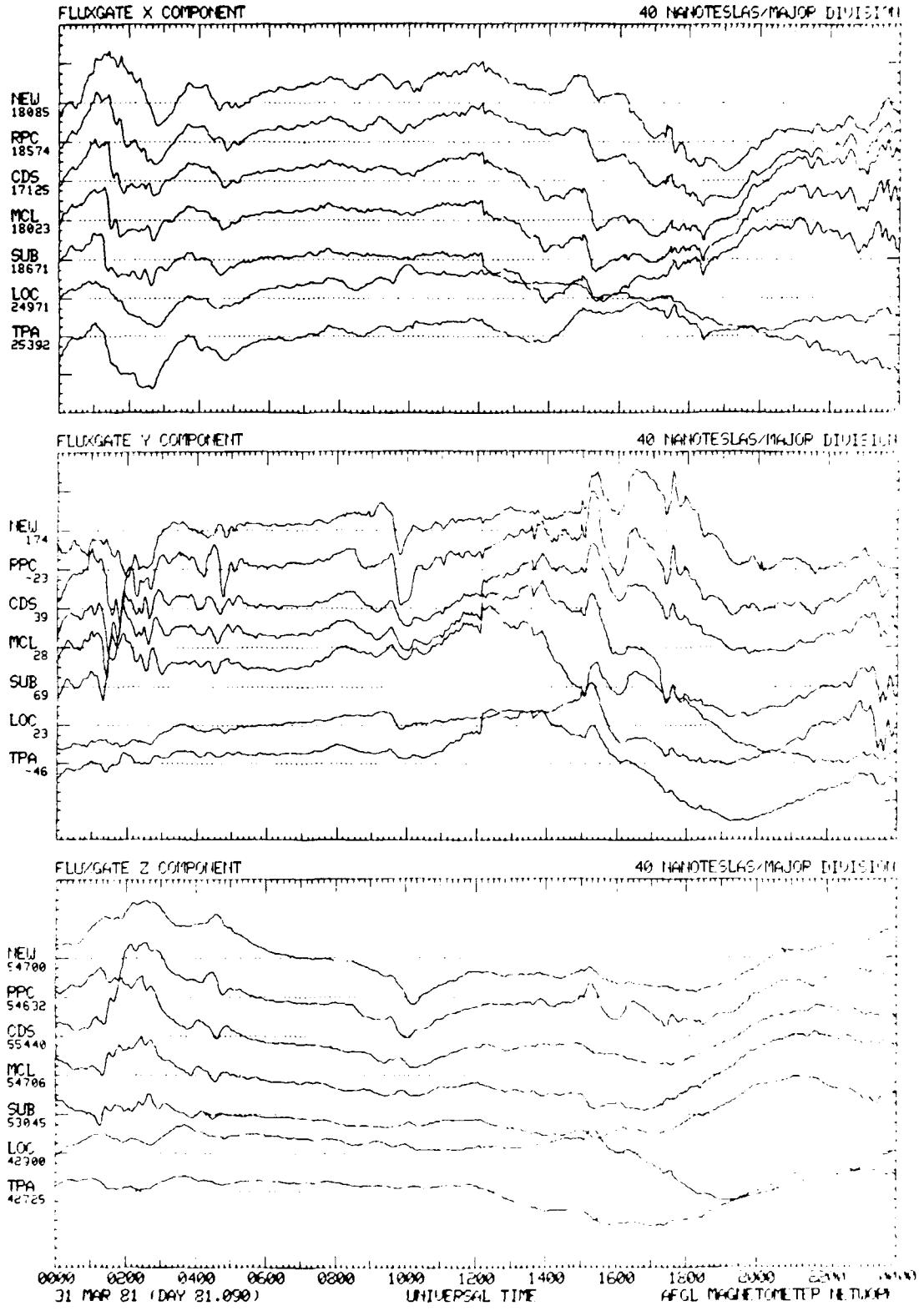
30 MAR 81 (DAY 81.089)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18085
RPC 18574
CDS 17125
MCL 18023
SUB 18671
LOC 24971
TPA 25392
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 174
PPC -23
CDS 39
MCL 28
SUB 69
LOC 23
TPA -46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54700
PPC 54632
CDS 55440
MCL 54706
SUB 53045
LOC 42900
TPA 42725
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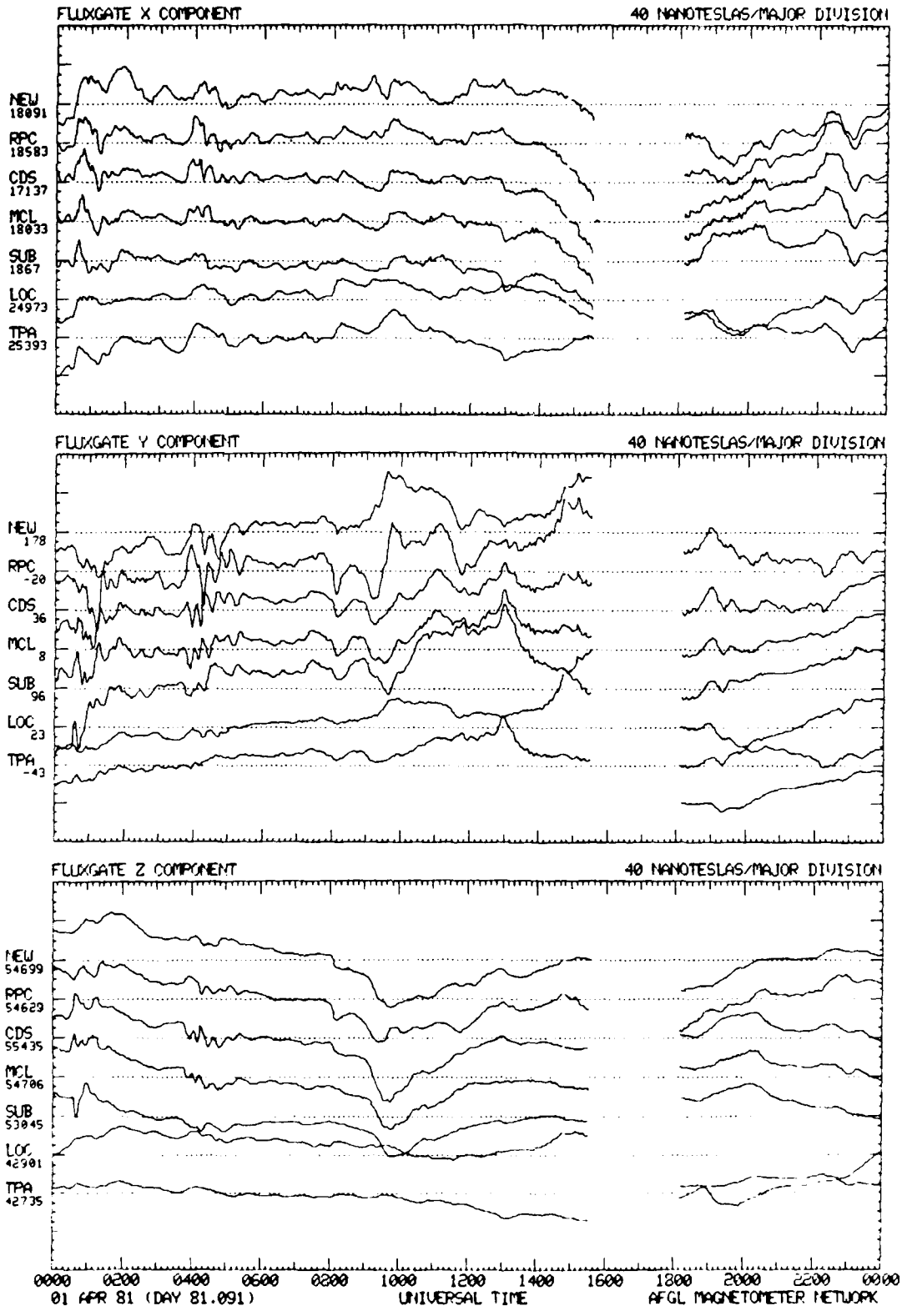
31 MAR 81 (DAY 81.090)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18091
RPC 18583
CDS 17137
MCL 18033
SUB 1867
LOC 24973
TPA 25393
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 178
RPC -20
CDS 36
MCL 8
SUB 96
LOC 23
TPA -43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54699
RPC 54629
CDS 55435
MCL 54706
SUB 53045
LOC 42901
TPA 42735
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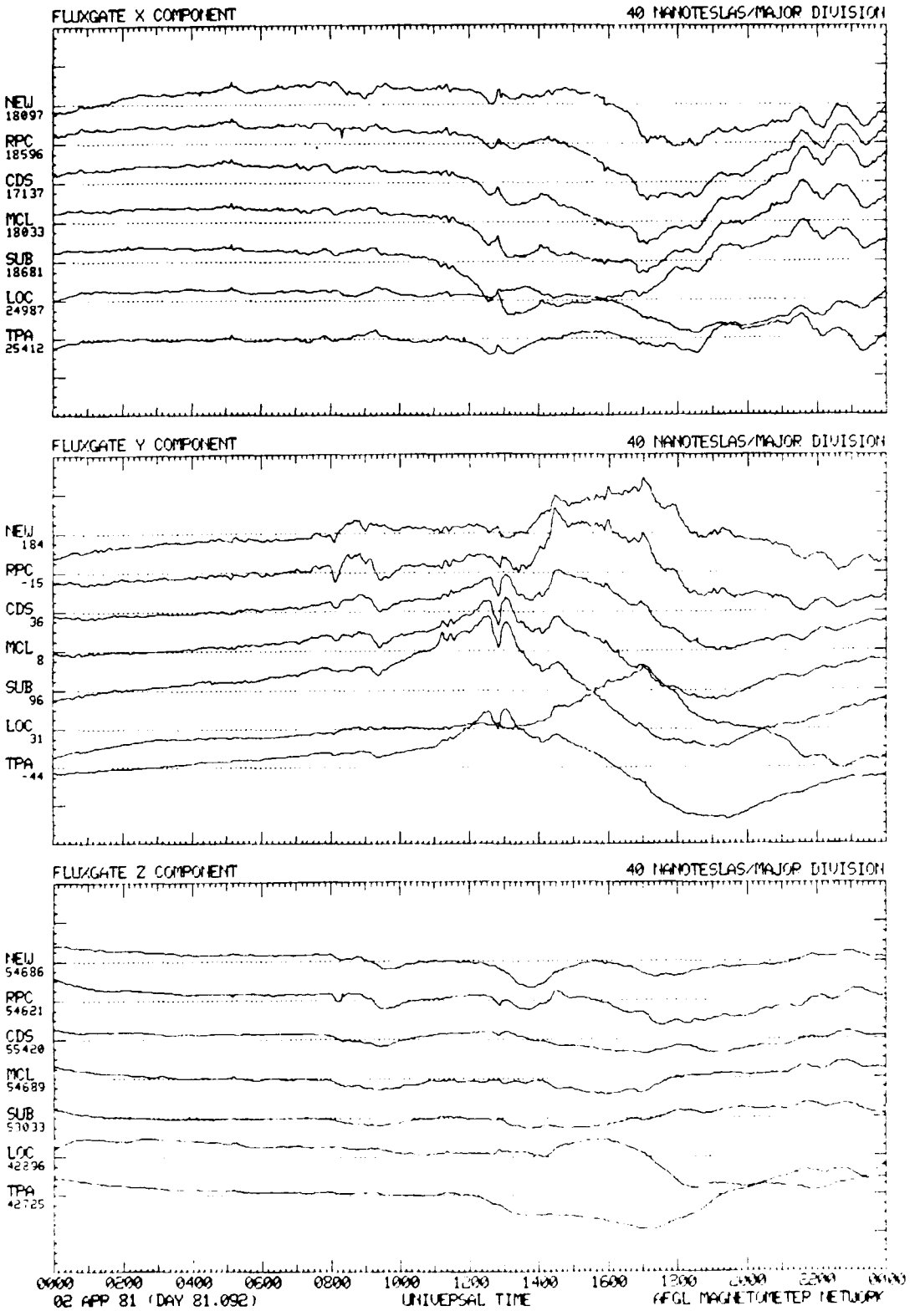
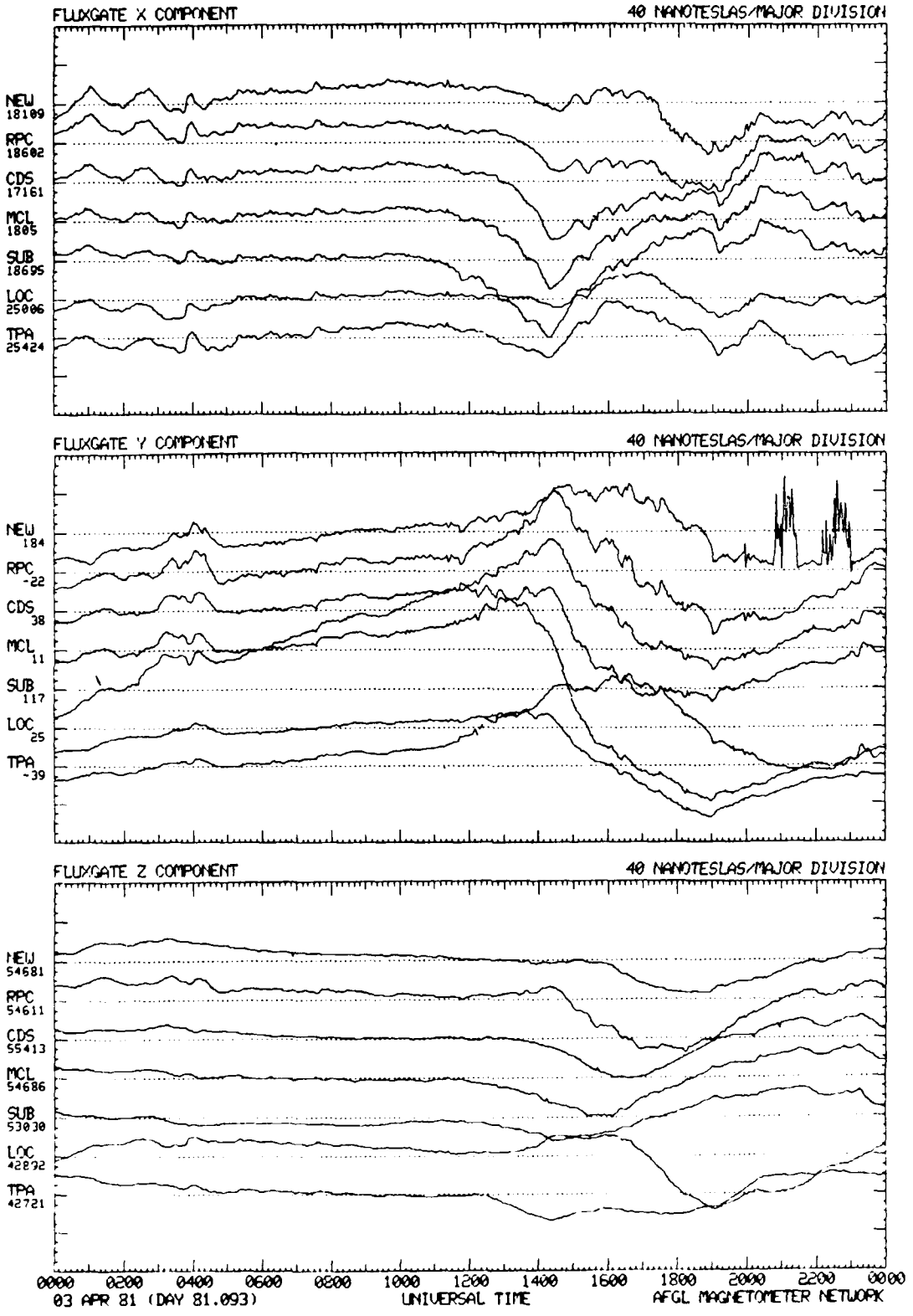
01 APR 81 (DAY 81.091)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18097
RPC 18596
CDS 17137
MCL 18033
SUB 18681
LOC 24987
TPA 25412
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC -15
CDS 36
MCL 8
SUB 96
LOC 31
TPA -44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54686
RPC 54621
CDS 55420
MCL 54689
SUB 53033
LOC 42296
TPA 42725
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800
02 APR 81 (DAY 81.092)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18109
RPC 18602
CDS 17161
MCL 18085
SUB 18695
LOC 25006
TPA 25424
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC -22
CDS 38
MCL 11
SUB 117
LOC 25
TPA -39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54681
RPC 54611
CDS 55413
MCL 54686
SUB 53030
LOC 42892
TPA 42721
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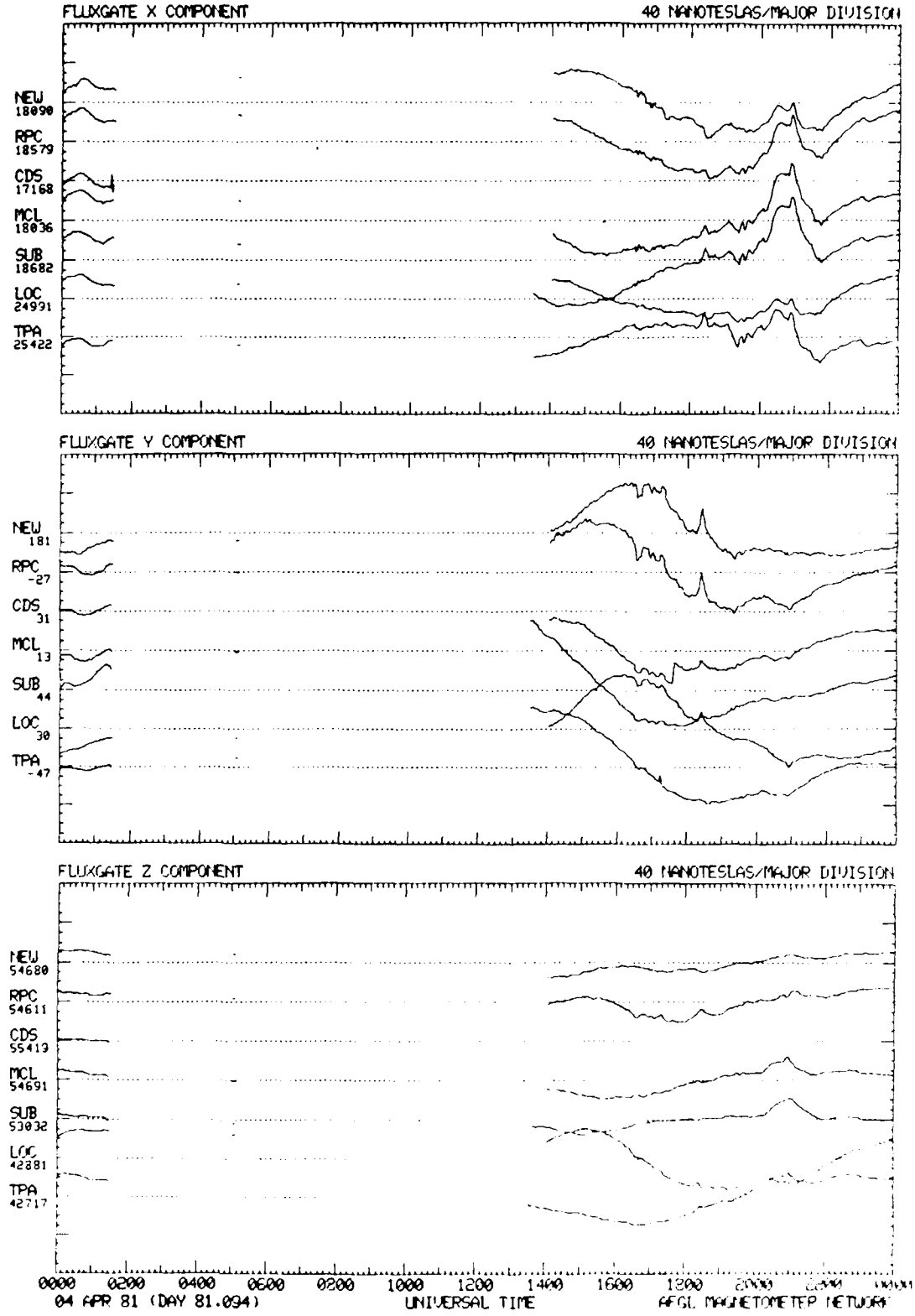
03 APR 81 (DAY 81.093)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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40 NANOTESLAS/MAJOR DIVISION
NEW 18090
RPC 18579
CDS 17168
MCL 18036
SUB 18682
LOC 24991
TPA 25422
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 181
RPC -27
CDS 31
MCL 13
SUB 44
LOC 30
TPA -47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54680
RPC 54611
CDS 55419
MCL 54691
SUB 53032
LOC 42881
TPA 42717
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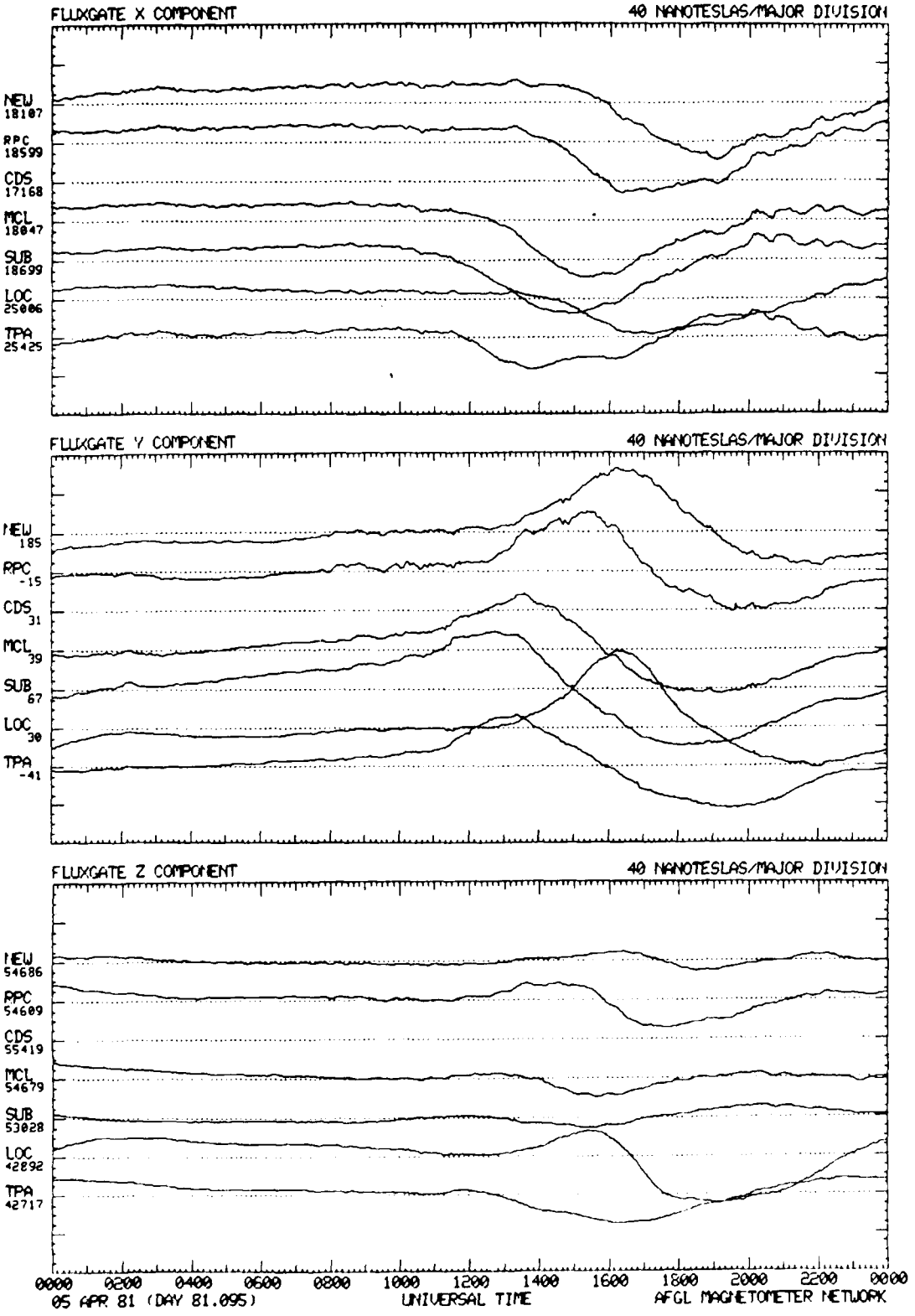
04 APR 81 (DAY 81.094)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18107
RPC
18599
CDS
17168
MCL
18047
SUB
18699
LOC
25006
TPA
25425
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
185
RPC
-15
CDS
31
MCL
39
SUB
67
LOC
30
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54686
RPC
54609
CDS
55419
MCL
54679
SUB
53028
LOC
42892
TPA
42717
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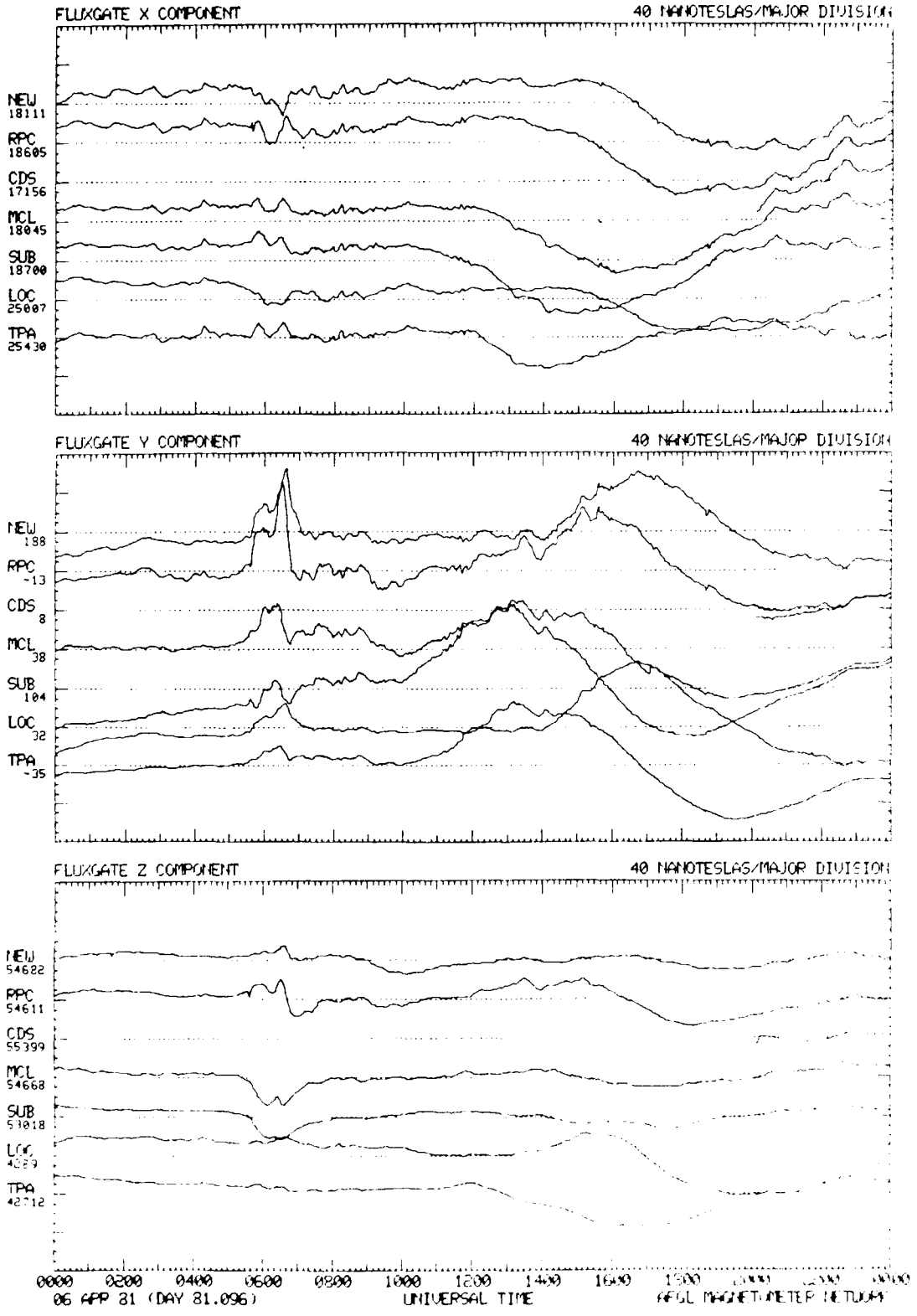
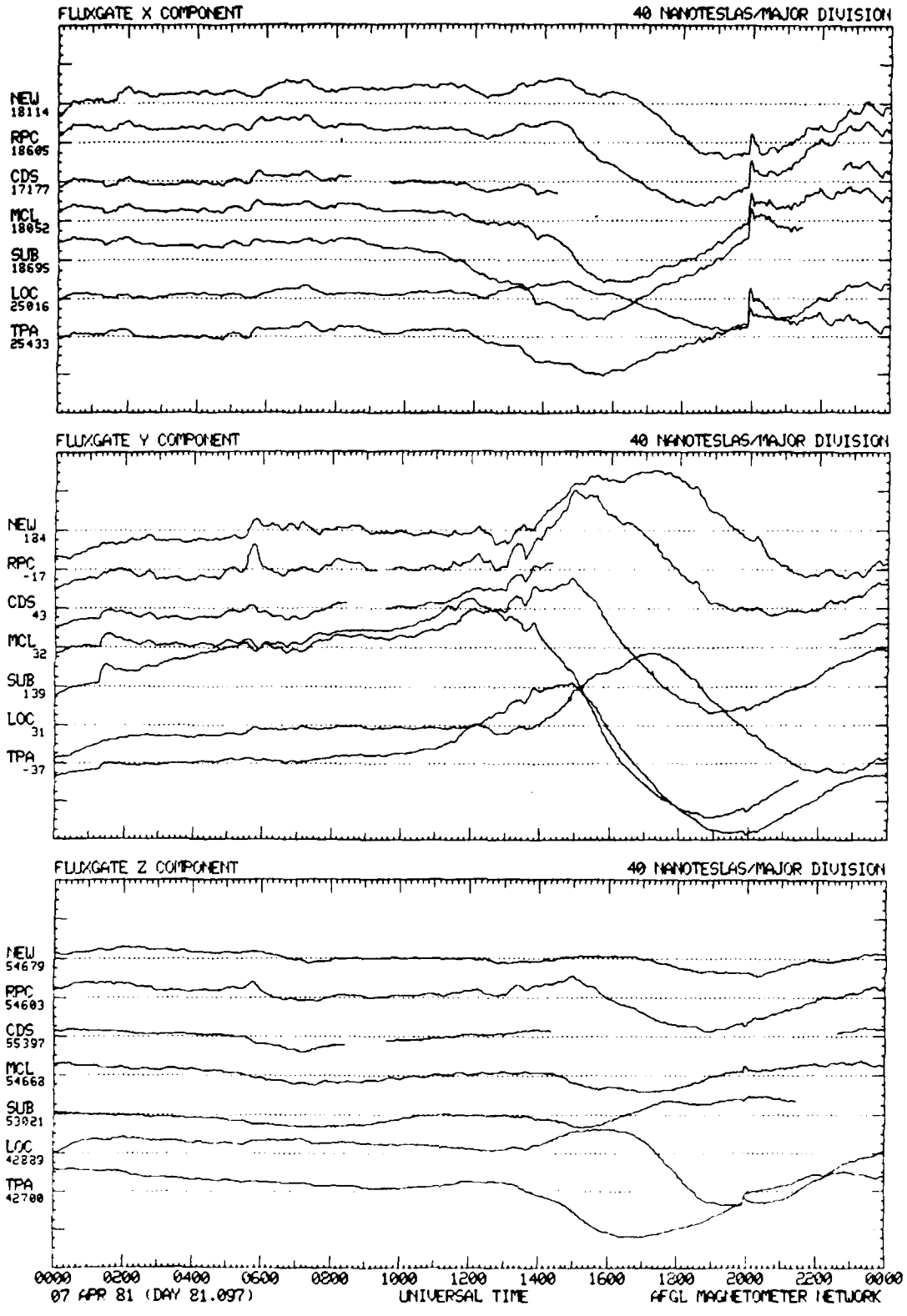
05 APR 81 (DAY 81.095)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18111
RPC
18605
CDS
17156
MCL
18045
SUB
18700
LOC
25007
TPA
25430
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
188
RPC
-13
CDS
8
MCL
38
SUB
104
LOC
32
TPA
-35
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54682
RPC
54611
CDS
55399
MCL
54668
SUB
51018
LOC
42712
0000
0200
0400
0600
0800
1000
1200
1400
1600
06 APR 81 (DAY 81.096)
UNIVERSAL TIME


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18114
RPC 18605
CDS 17177
MCL 18052
SUB 18695
LOC 25016
TPA 25433
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 184
RPC -17
CDS 43
MCL 32
SUB 139
LOC 31
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54679
RPC 54603
CDS 55397
MCL 54668
SUB 53921
LOC 42289
TPA 42700
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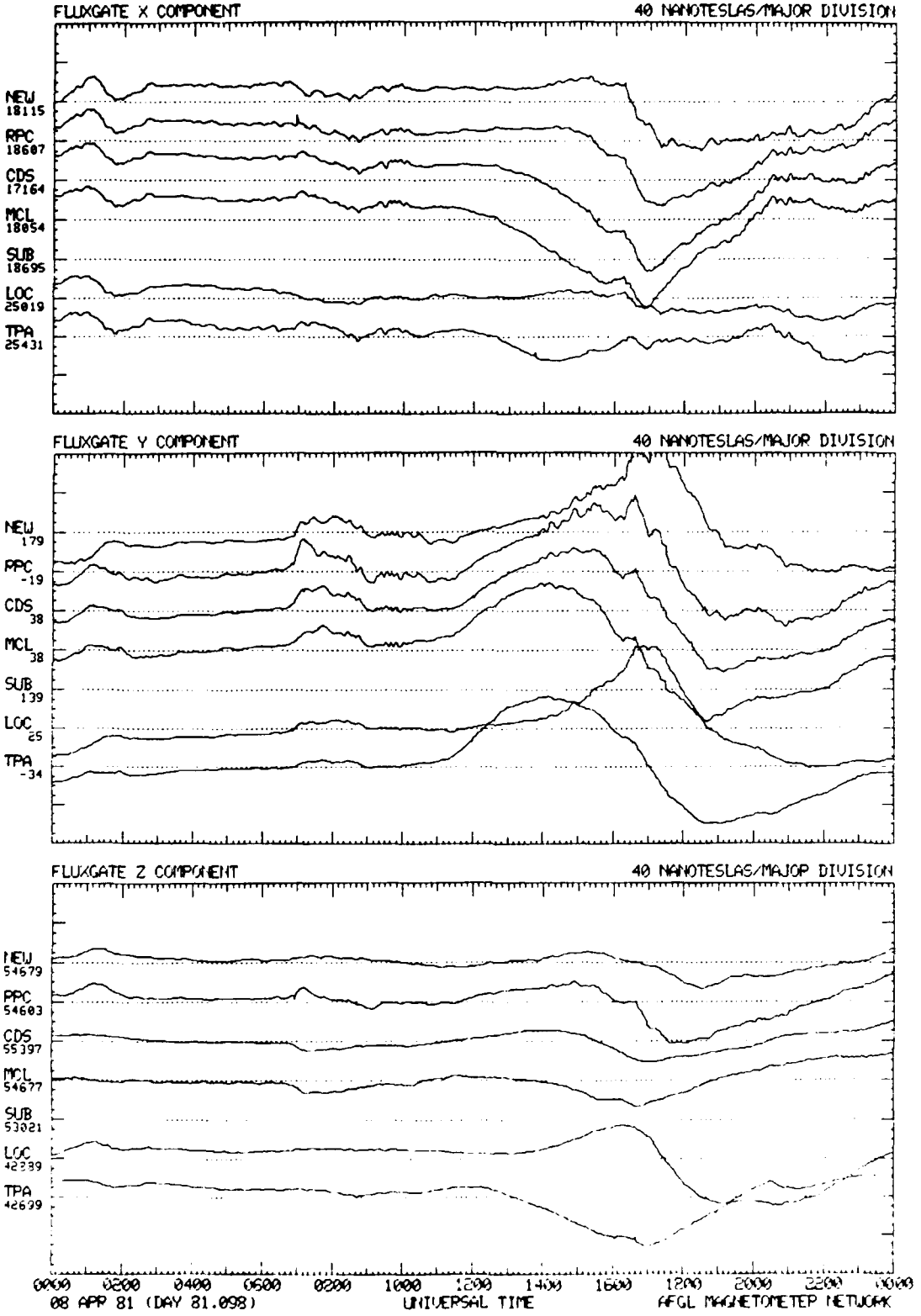
07 APR 81 (DAY 81.097)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18115
RPC 18607
CDS 17164
MCL 18054
SUB 18695
LOC 25019
TPA 25431
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 179
PPC -19
CDS 38
MCL 38
SUB 139
LOC 25
TPA -34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54679
PPC 54603
CDS 55397
MCL 54677
SUB 53021
LOC 42389
TPA 42699
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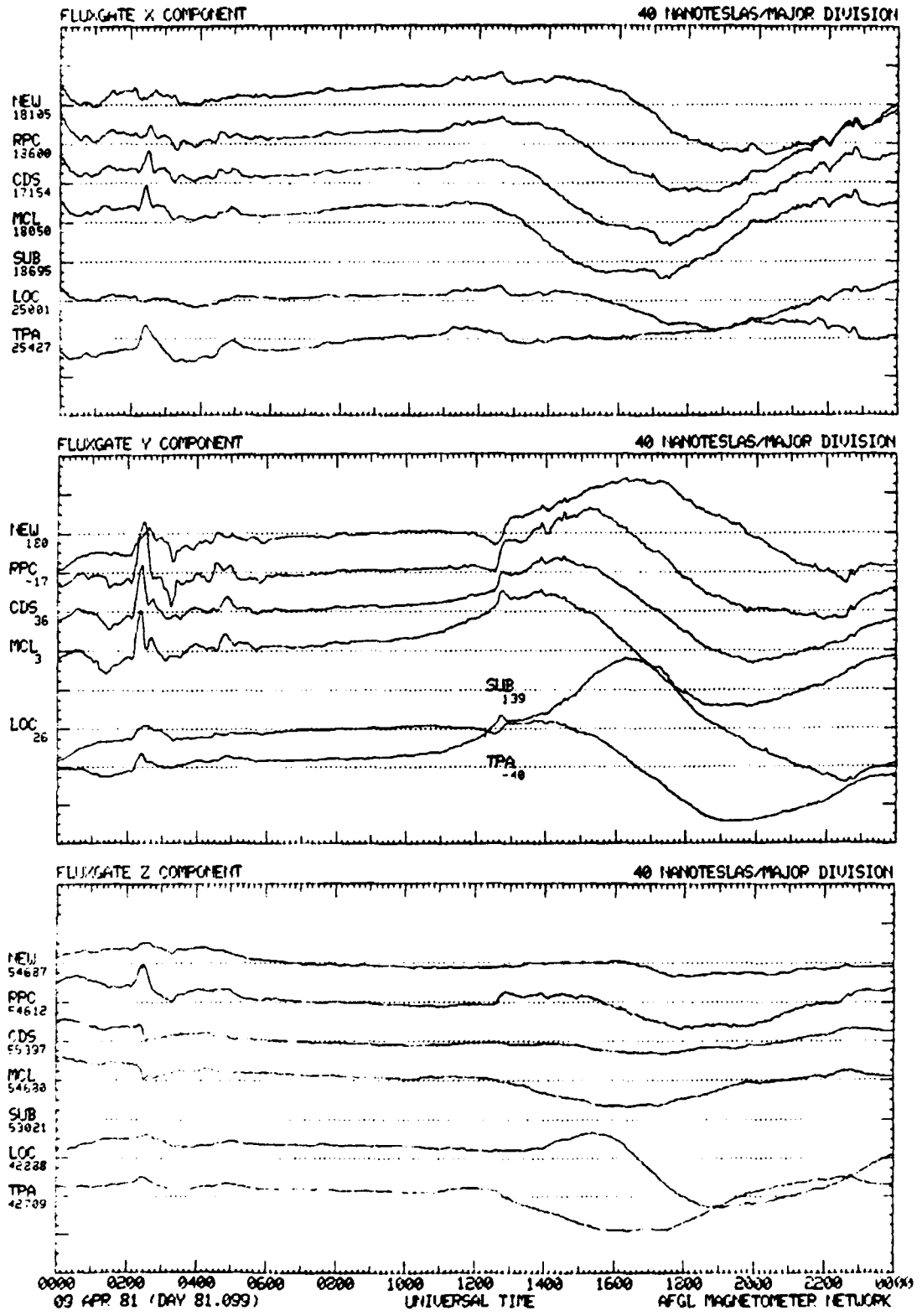
08 APR 81 (DAY 81.098)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18105
RPC
13600
CDS
17154
MCL
18050
SUB
18695
LOC
25001
TPA
25427
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
180
RPC
-17
CDS
36
MCL
3
SUB
139
LOC
26
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54687
RPC
54612
CDS
55197
MCL
54630
SUB
53021
LOC
42288
TPA
42709
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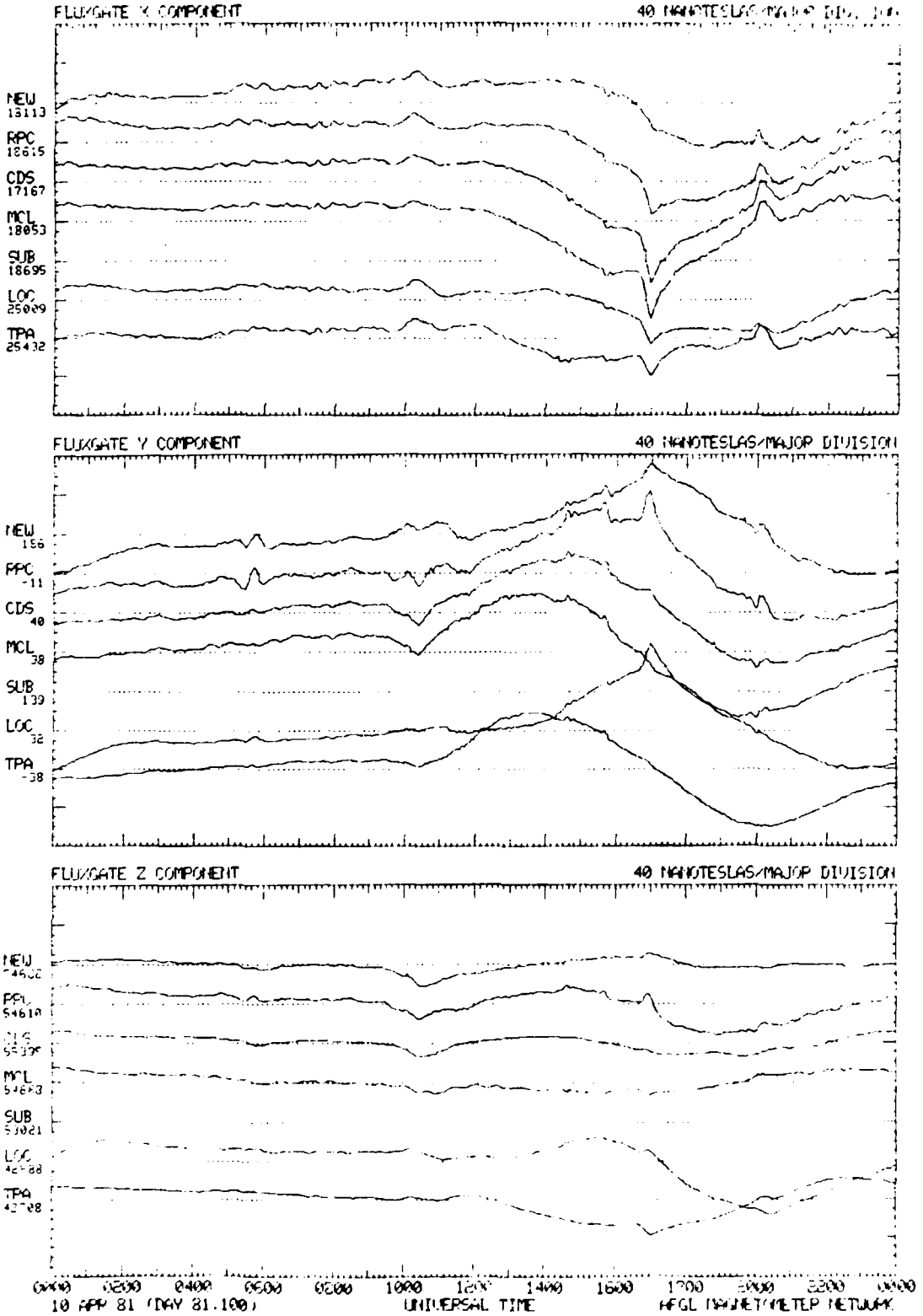
09 APR 81 (DAY 81.099)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
NEW
13113
RPC
18615
CDS
17167
MCL
18053
SUB
18695
LOC
25009
TPA
25432
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
156
RPC
-11
CDS
40
MCL
38
SUB
139
LOC
32
TPA
-38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
RPC
54610
MCL
54683
SUB
57021
LOC
TPA
0000
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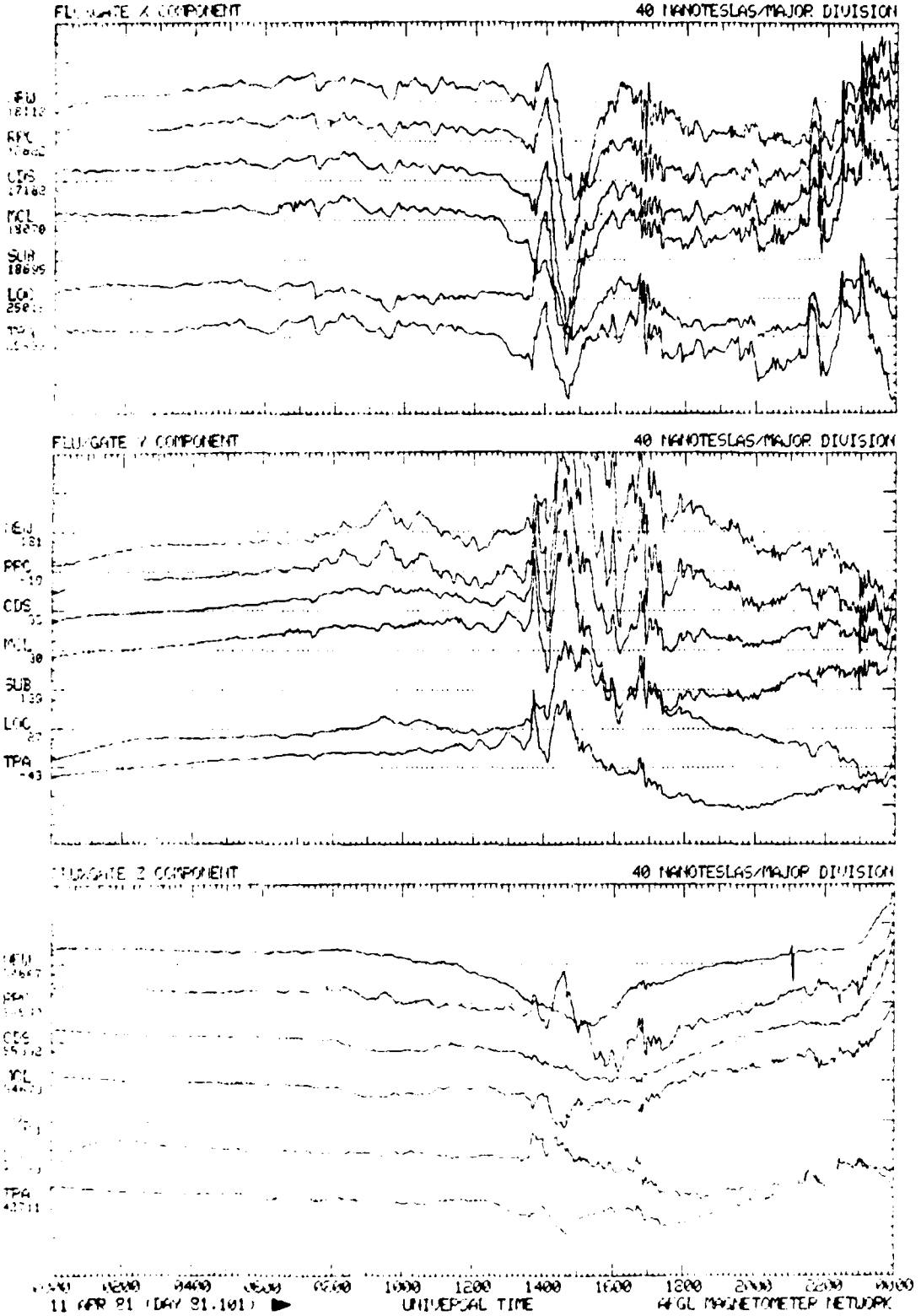
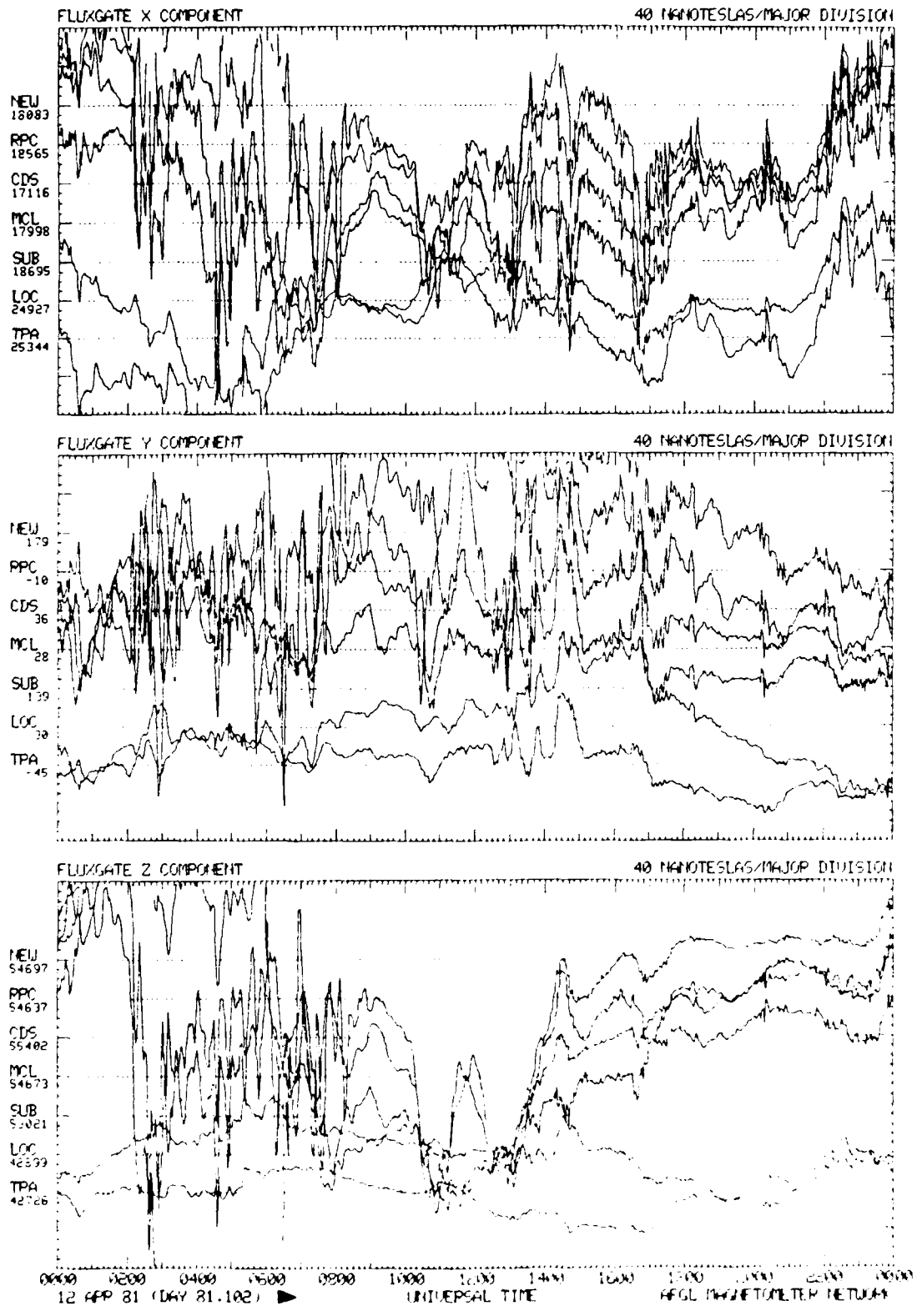
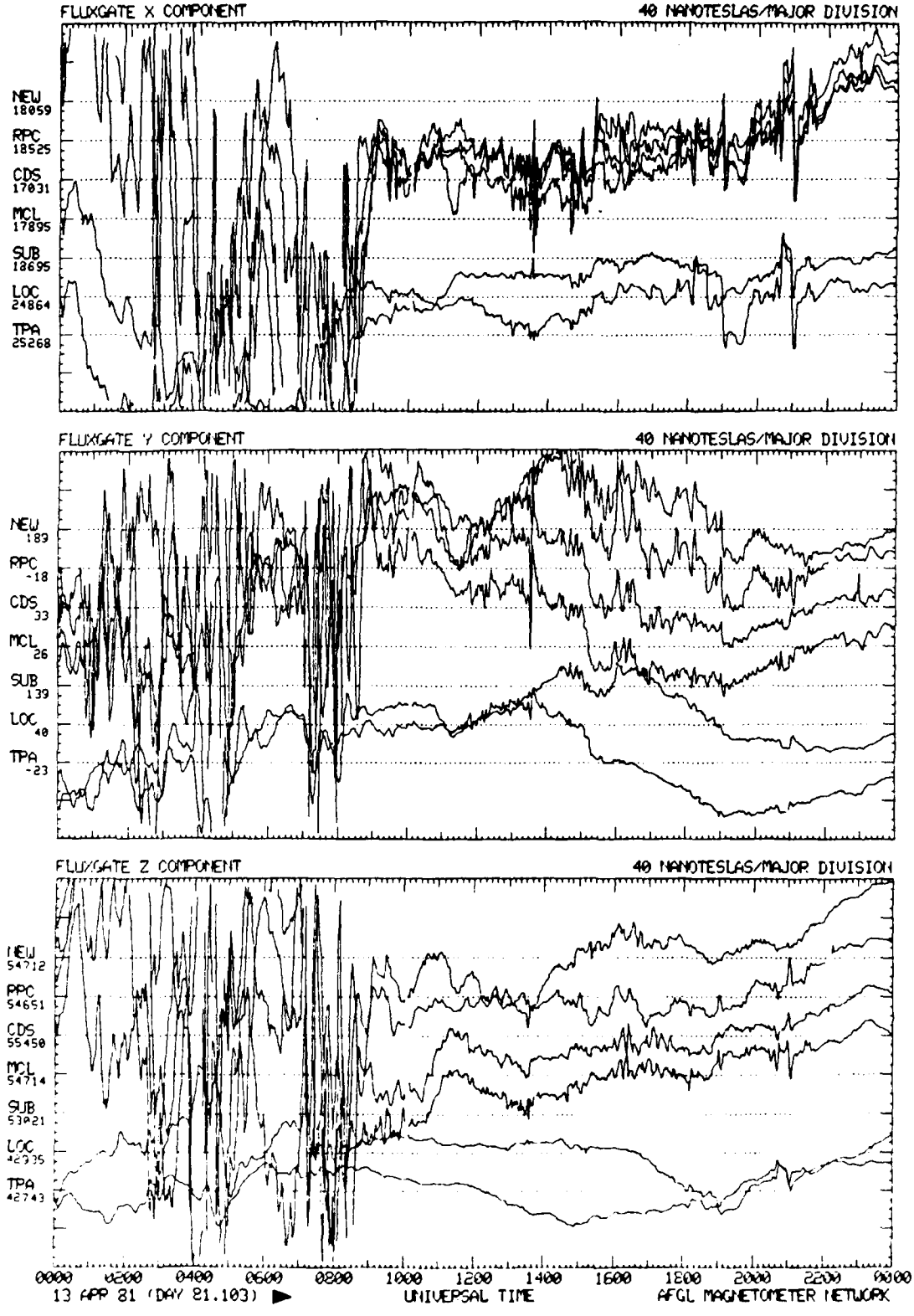
0400
0600
0800
1000
1400
1600
2000
2200
0000
10 APR 81 (DAY 81.100)
UNIVERSAL TIME


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
FRD
CDS
MCL
SUB
LOC
TPA
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
11 APR 91 (DAY 91.101)
UNIVERSAL TIME
GGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18083
RPC
18565
CDS
17116
MCL
17998
SUB
18695
LOC
24927
TPA
25344
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
179
RPC
-10
CDS
36
MCL
28
SUB
139
LOC
30
TPA
-45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54697
RPC
54637
CDS
55402
MCL
54673
SUB
55021
LOC
42899
TPA
42726
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
2400
12 APR 81 (DAY 81.102)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18059
RPC 18525
CDS 17031
MCL 17895
SUB 18695
LOC 24864
TPA 25268
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 189
RPC -18
CDS 33
MCL 26
SUB 139
LOC 40
TPA -23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54712
RPC 54651
CDS 55450
MCL 54714
SUB 53021
LOC 42935
TPA 42743
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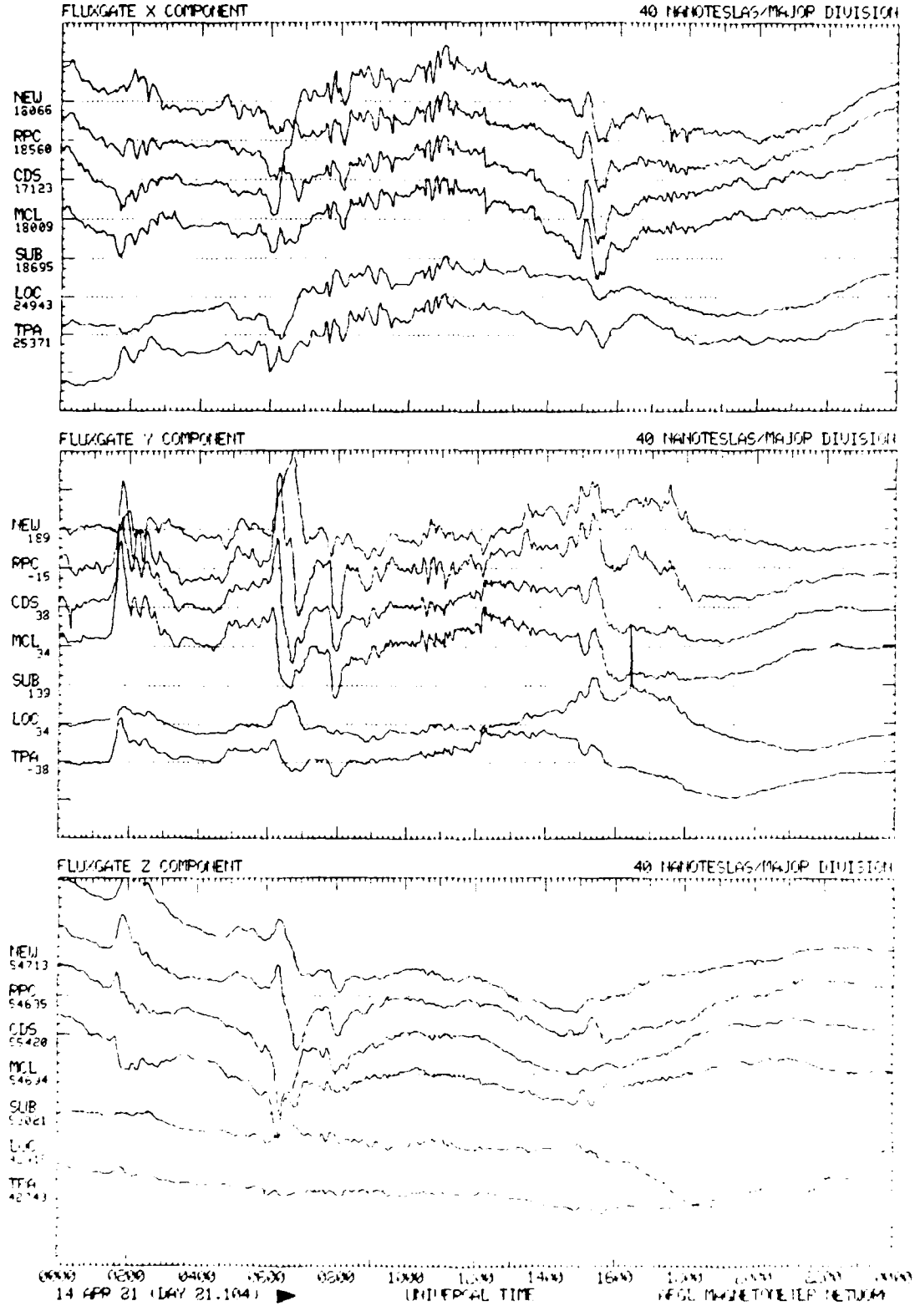
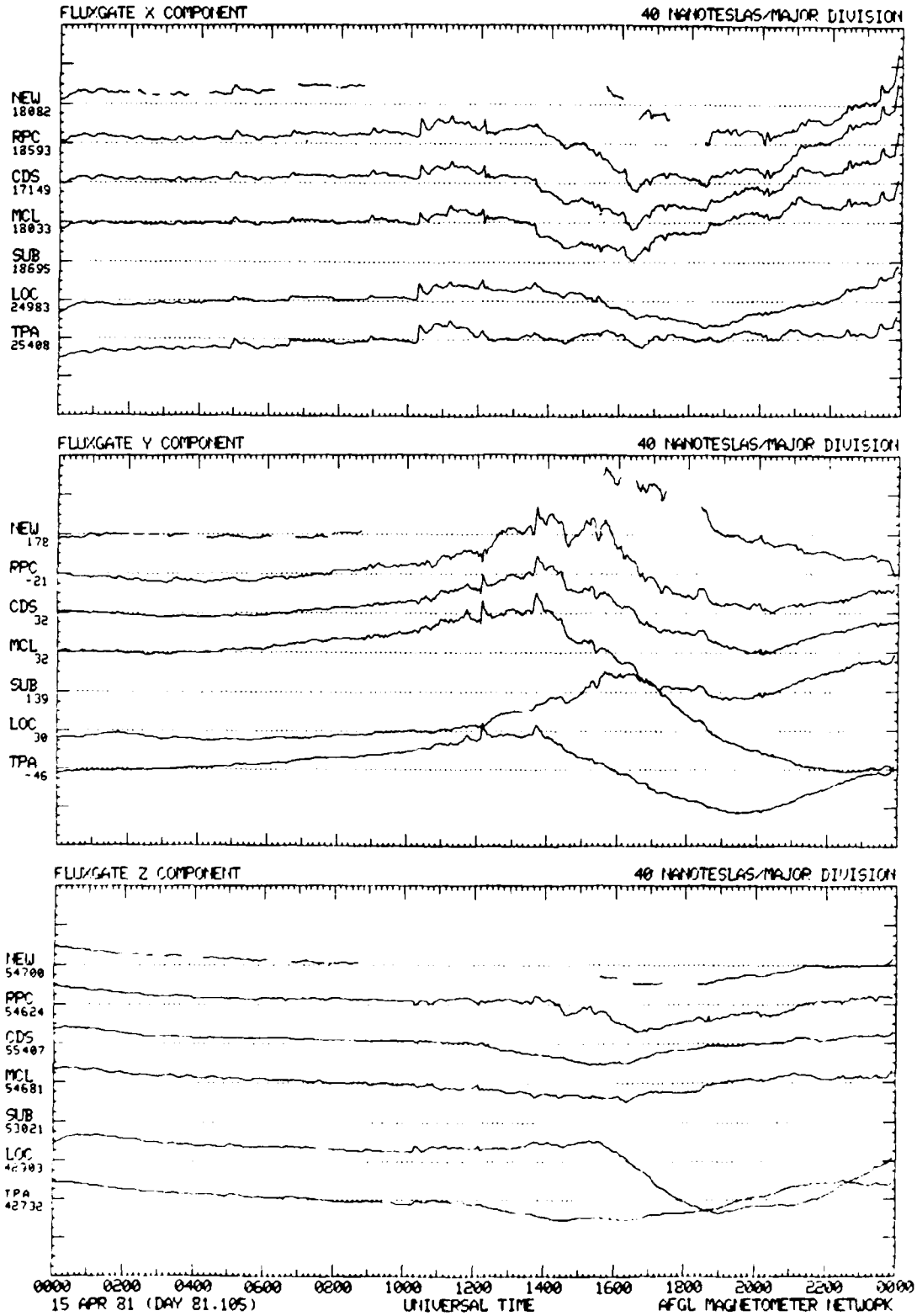
13 APR 81 (DAY 81.103)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18066
RPC
18560
CDS
17123
MCL
18009
SUB
18695
LOC
24943
TPA
25371
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
189
RPC
-15
CDS
38
MCL
34
SUB
139
LOC
34
TPA
-38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54713
RPC
54635
CDS
55420
MCL
54634
SUB
TPA
14 APR 81 (DAY 21.104)
UNIVERSAL TIME


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18082
RPC 18593
CDS 17149
MCL 18033
SUB 18695
LOC 24983
TPA 25408
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 178
RPC -21
CDS 32
MCL 32
SUB 139
LOC 30
TPA -46
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54700
RPC 54624
CDS 55407
MCL 54681
SUB 53021
LOC 42703
TPA 42732
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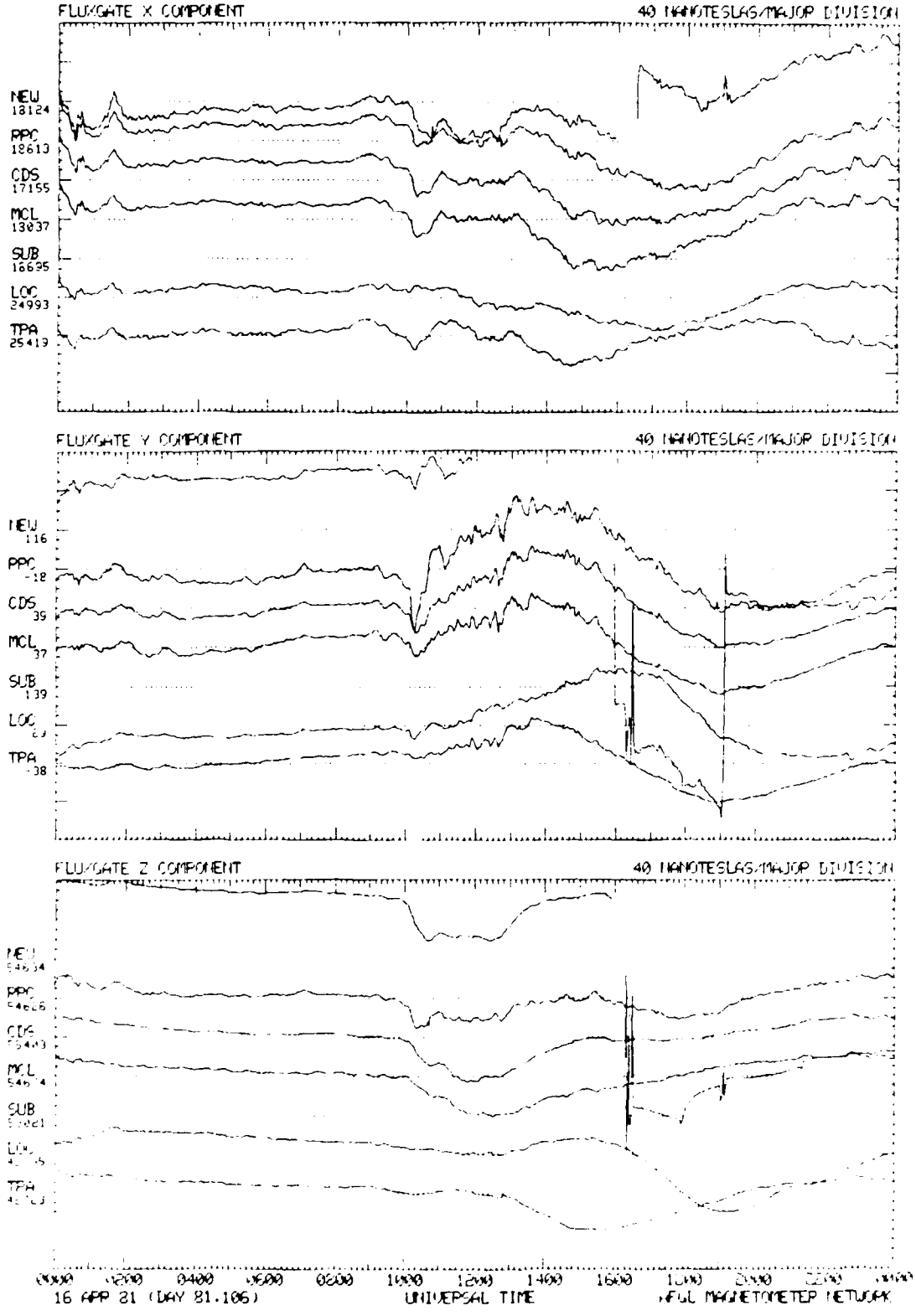
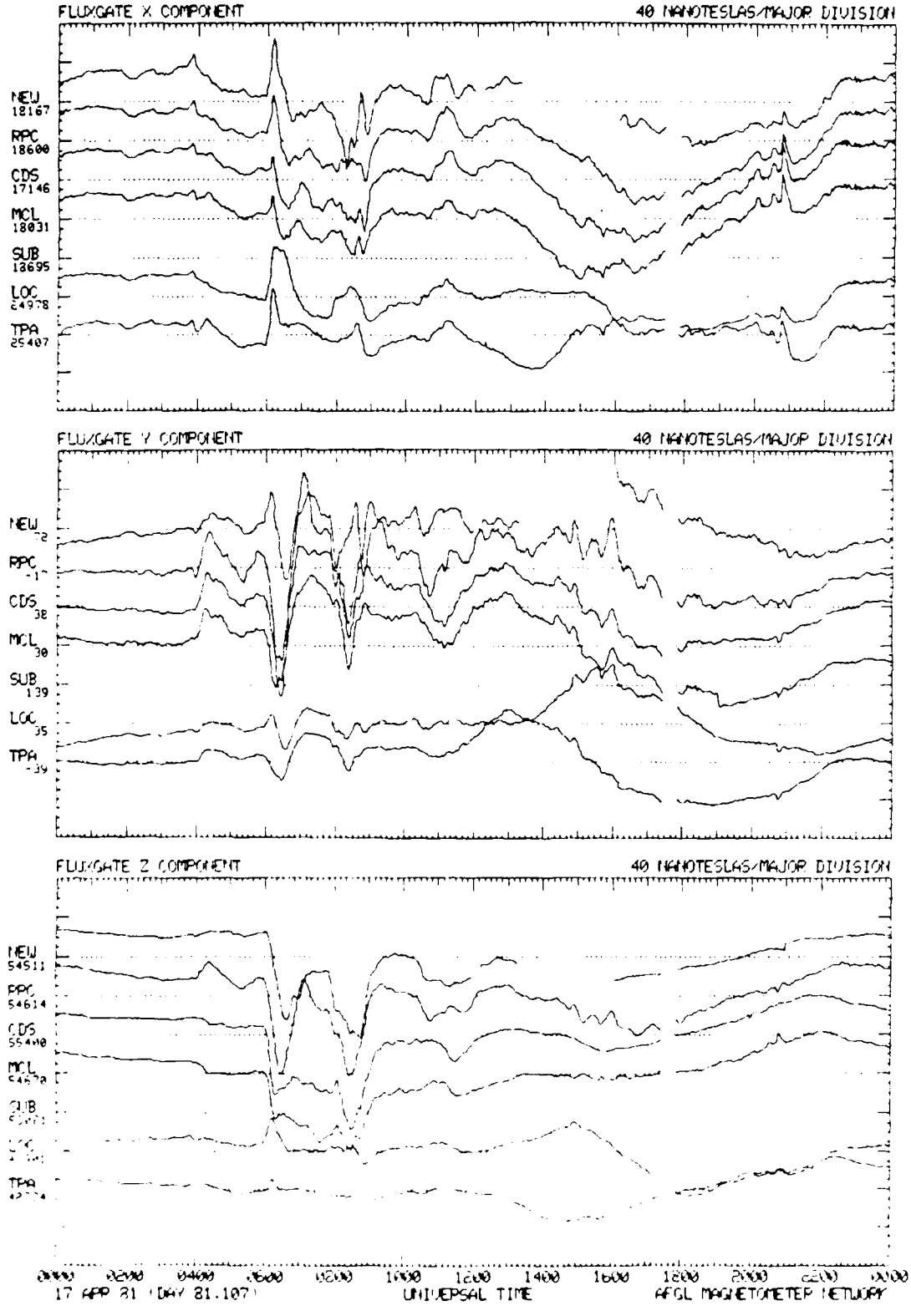
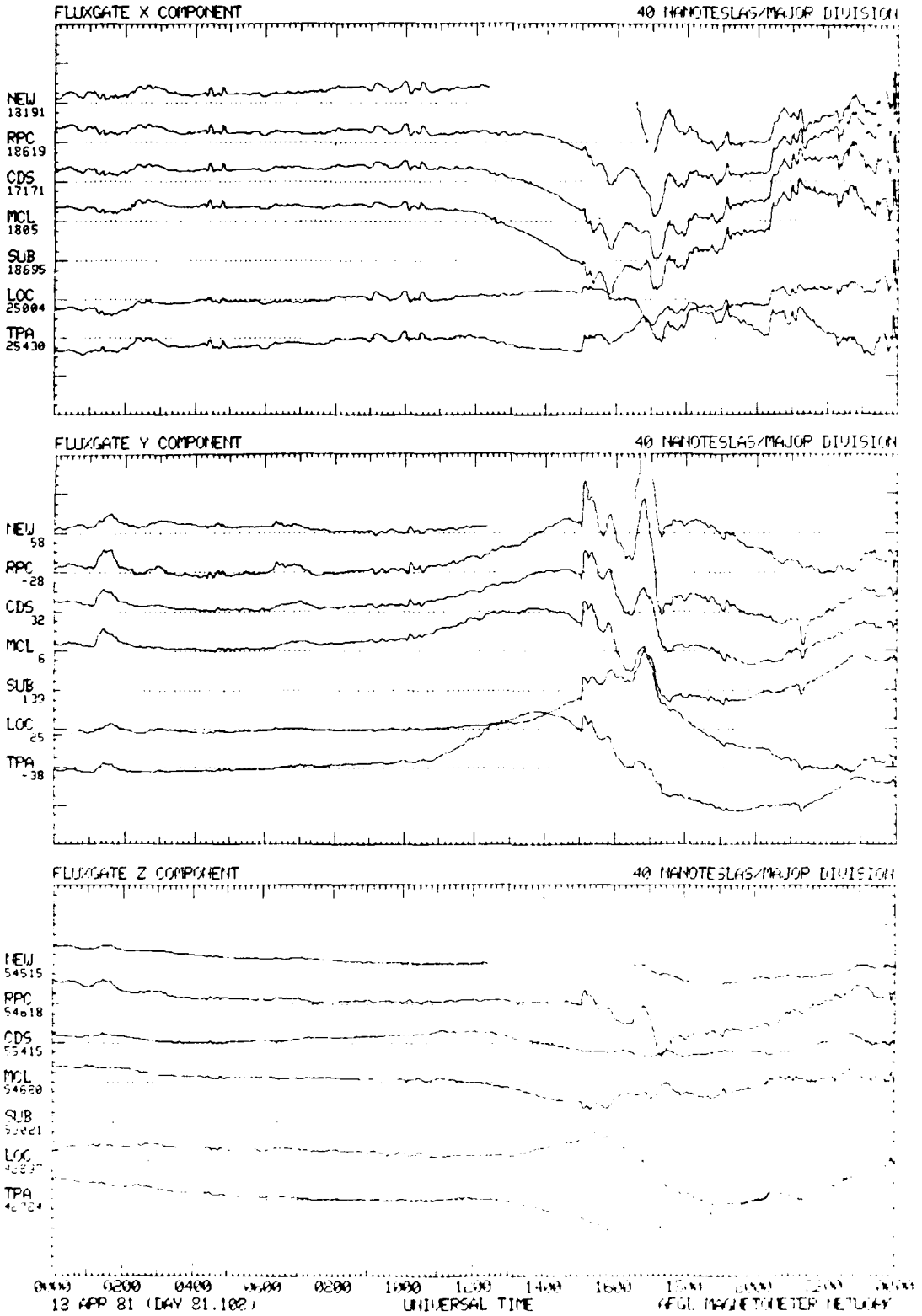
15 APR 81 (DAY 81.105)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18124
PPC 18613
CDS 17155
MCL 13037
SUB 16695
LOC 24993
TPA 25419
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 116
PPC -18
CDS 39
MCL 37
SUB 139
LOC 69
TPA -38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
16 APR 81 (DAY 81.106)
UNIVERSAL TIME
FGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18167
RPC
18600
CDS
17146
MCL
18031
SUB
13695
LOC
24978
TPA
25407
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-2
RPC
-1
CDS
38
MCL
30
SUB
139
LOC
35
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54511
RPC
54614
CDS
554H0
TPA
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
17 APR 81 (DAY 81.107)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18191
RPC
18619
CDS
17171
MCL
1805
SUB
18695
LOC
25004
TPA
25430
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
58
RPC
-28
CDS
32
MCL
6
SUB
139
LOC
25
TPA
-38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54515
RPC
54618
CDS
55415
MCL
54680
SUB
52661
LOC
TPA
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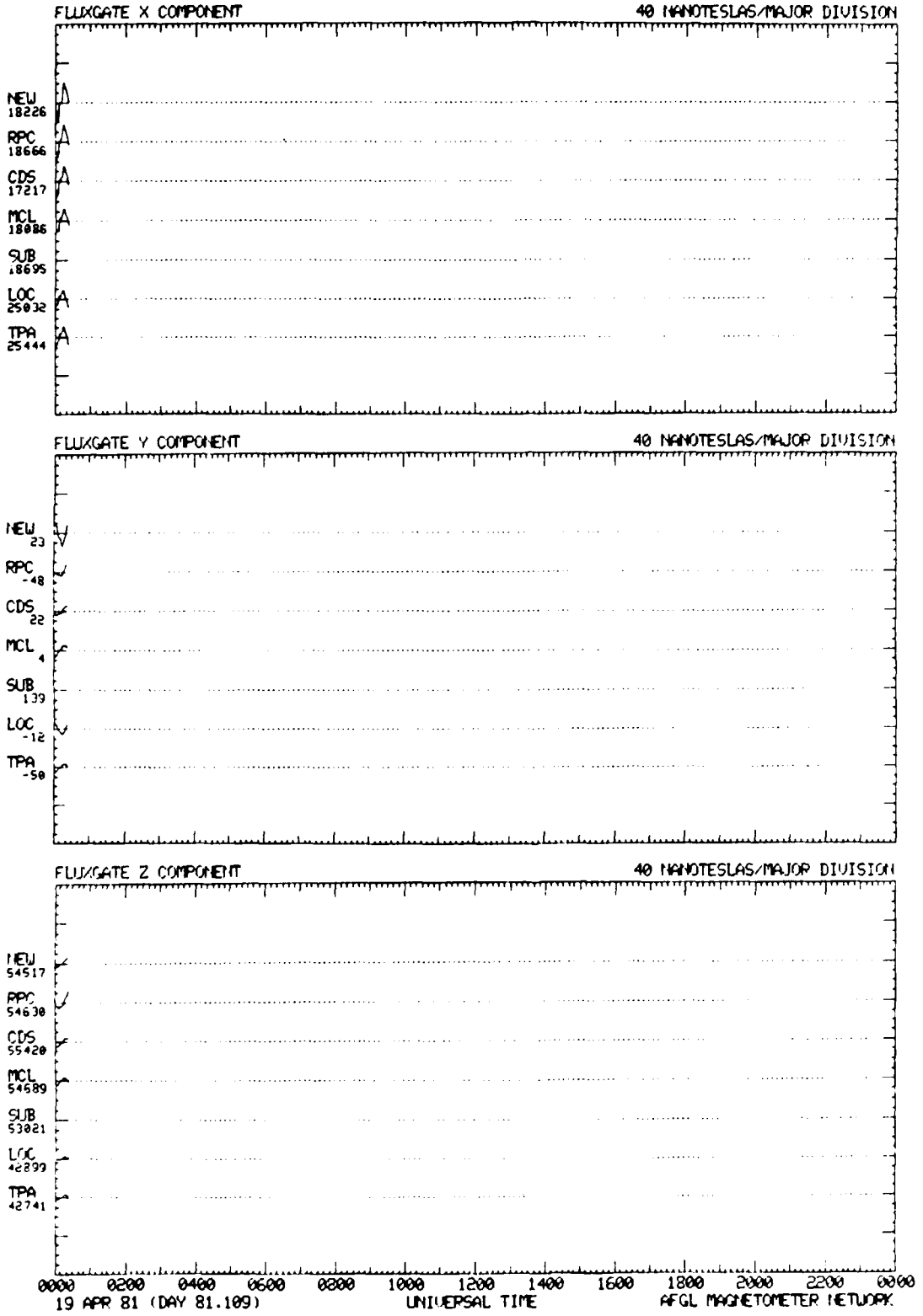
1200
1400
1600
13 APR 81 (DAY 81.102)
UNIVERSAL TIME


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18226
RPC 18666
CDS 17217
MCL 18086
SUB 18695
LOC 25032
TPA 25444
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 23
RPC -48
CDS 22
MCL 4
SUB 139
LOC -12
TPA -50
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54517
RPC 54630
CDS 55420
MCL 54689
SUB 53021
LOC 42899
TPA 42741
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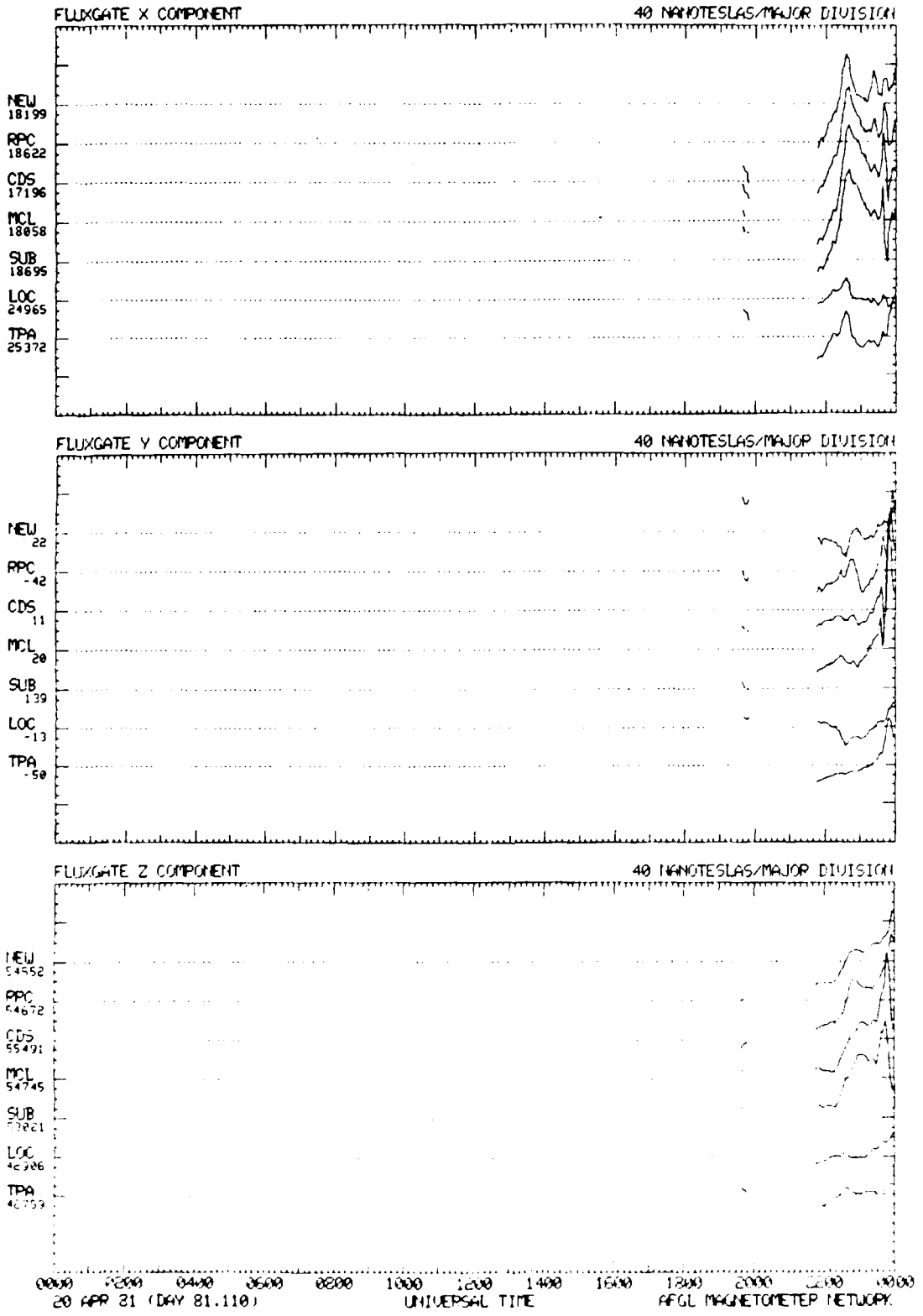
19 APR 81 (DAY 81.109)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18199
RPC 18622
CDS 17196
MCL 18058
SUB 18695
LOC 24965
TPA 25372
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 22
RPC -42
CDS 11
MCL 20
SUB 139
LOC -13
TPA -50
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54552
RPC 54672
CDS 55491
MCL 54745
SUB 53021
LOC 45306
TPA 42759
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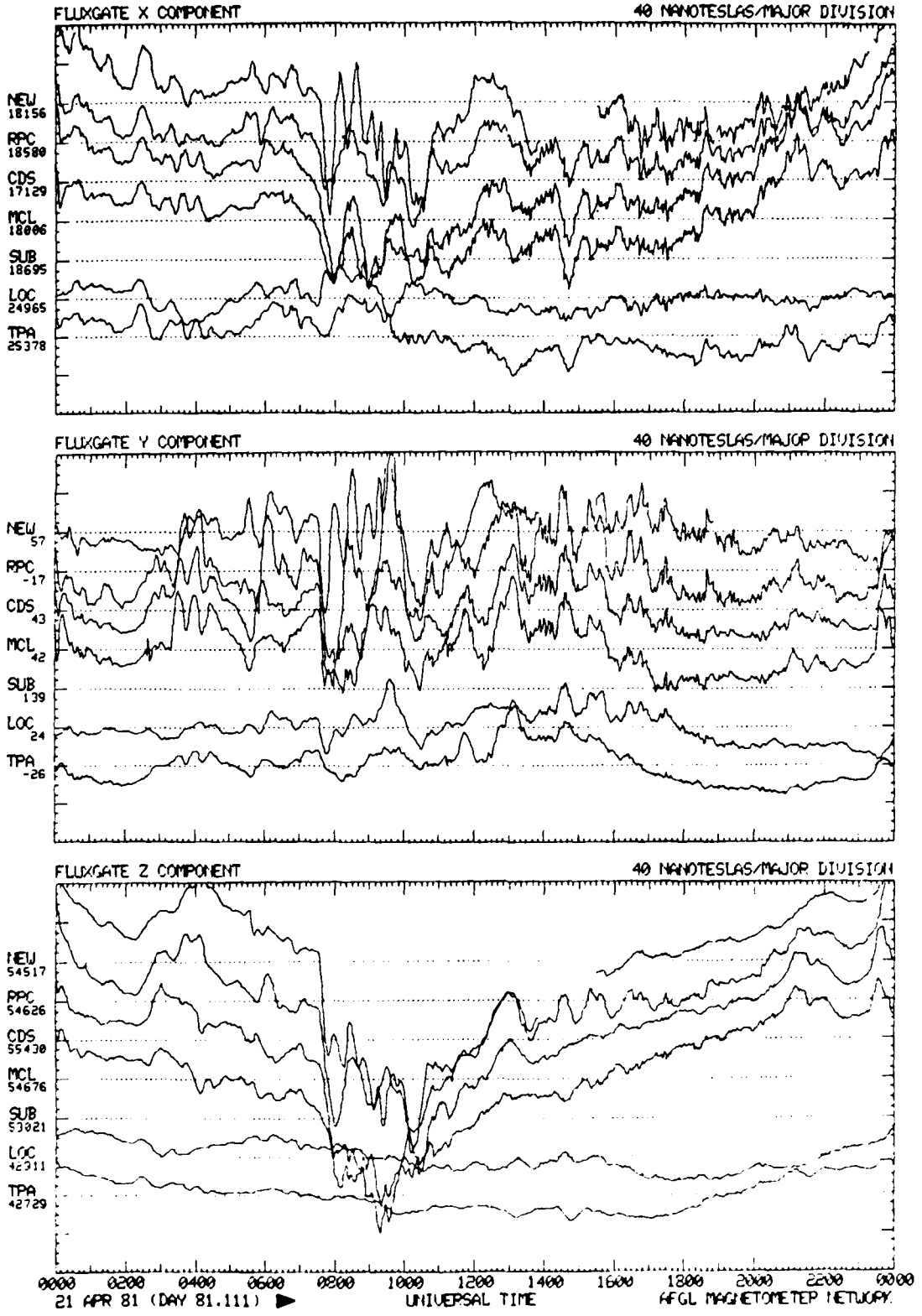
20 APR 81 (DAY 81.110)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18156
RPC 18580
CDS 17129
MCL 18006
SUB 18695
LOC 24965
TPA 25378
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 57
RPC -17
CDS 43
MCL 42
SUB 139
LOC 24
TPA -26
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54517
RPC 54626
CDS 55430
MCL 54676
SUB 53021
LOC 42311
TPA 42729
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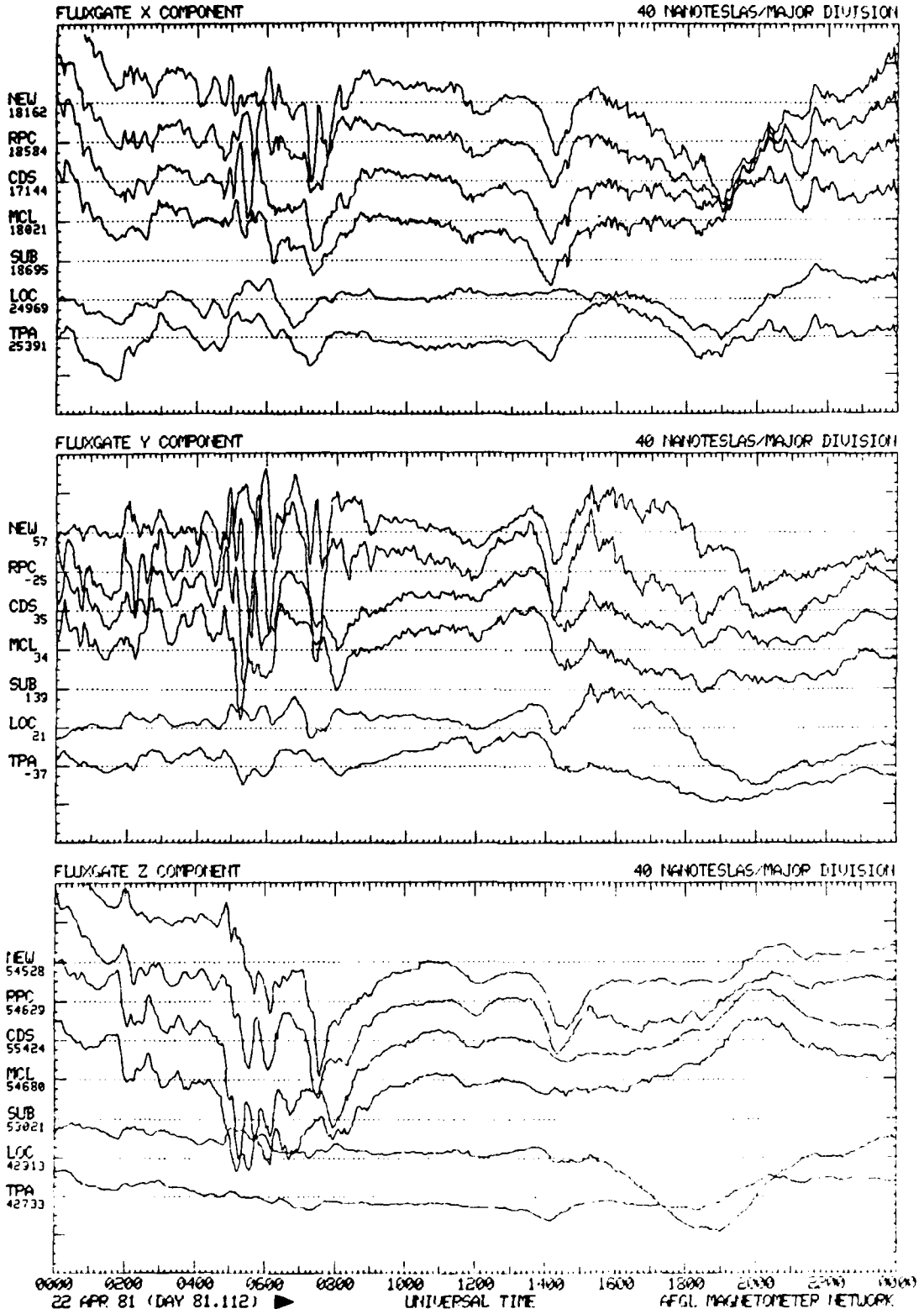
21 APR 81 (DAY 81.111)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18162
RPC 18584
CDS 17144
MCL 18021
SUB 18695
LOC 24969
TPA 25391
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 57
RPC -25
CDS 35
MCL 34
SUB 139
LOC 21
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54528
RPC 54629
CDS 55424
MCL 54680
SUB 53021
LOC 42913
TPA 42733
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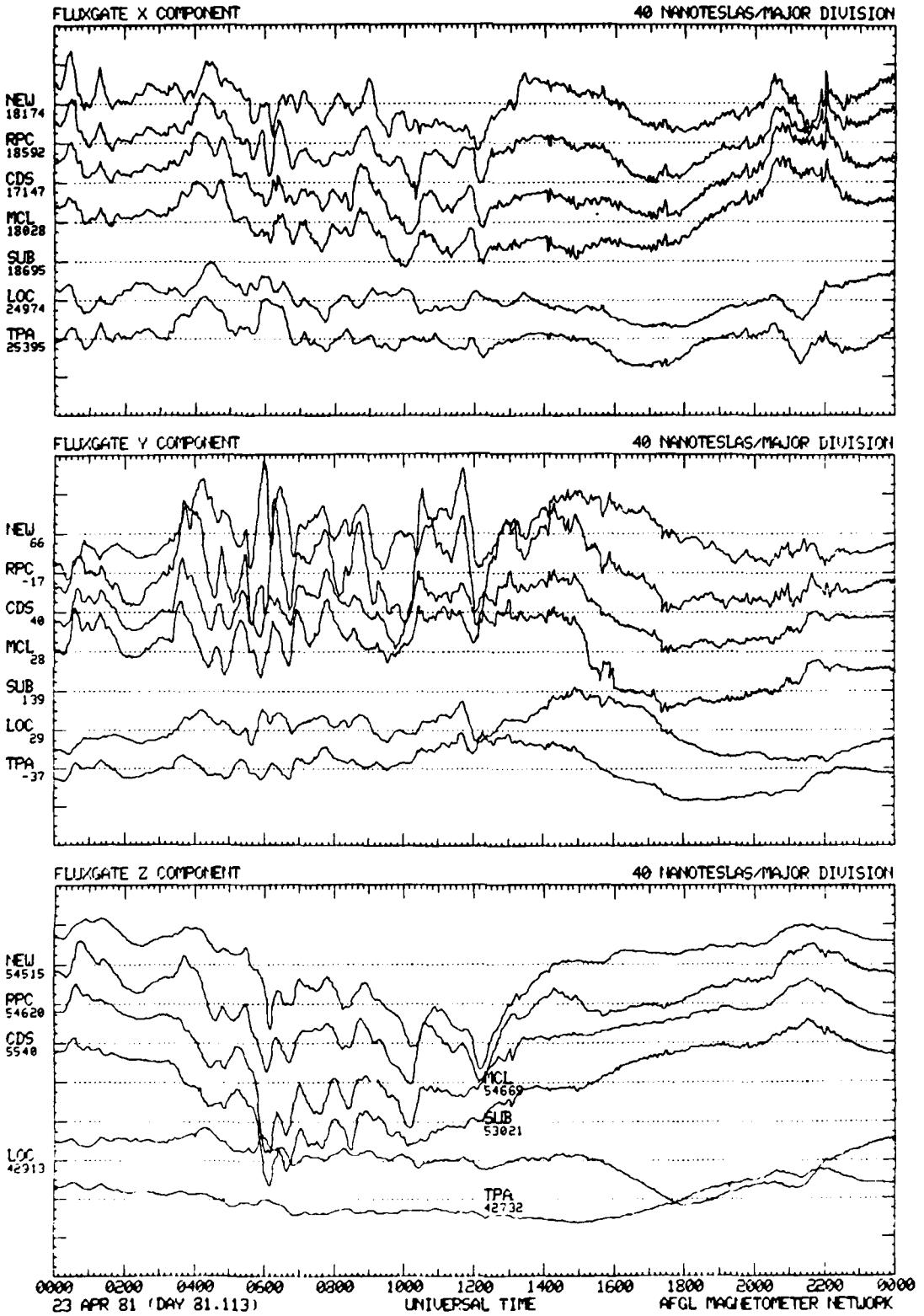
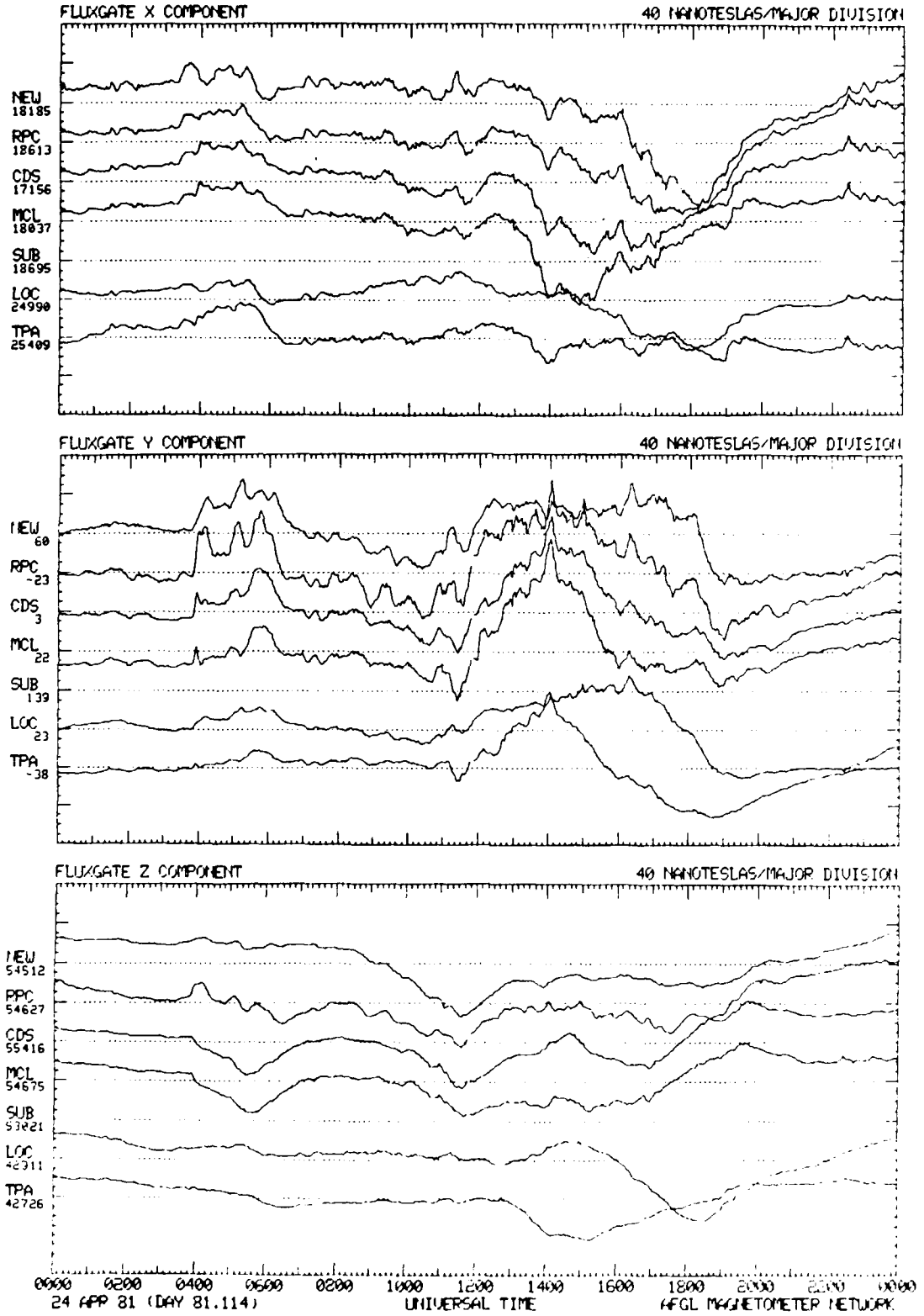
22 APR 81 (DAY 81.112)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18174
RPC 18592
CDS 17147
MCL 18028
SUB 18695
LOC 24974
TPA 25395
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 66
RPC -17
CDS 40
MCL 28
SUB 139
LOC 29
TPA -37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54515
RPC 54620
CDS 55548
MCL 54669
SUB 53021
LOC 42913
TPA 42732
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 APR 81 (DAY 81.113)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18185
RPC 18613
CDS 17156
MCL 18037
SUB 18695
LOC 24990
TPA 25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 60
RPC -23
CDS 3
MCL 22
SUB 139
LOC 23
TPA -38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54512
RPC 54627
CDS 55416
MCL 54675
SUB 53021
LOC 42911
TPA 42726
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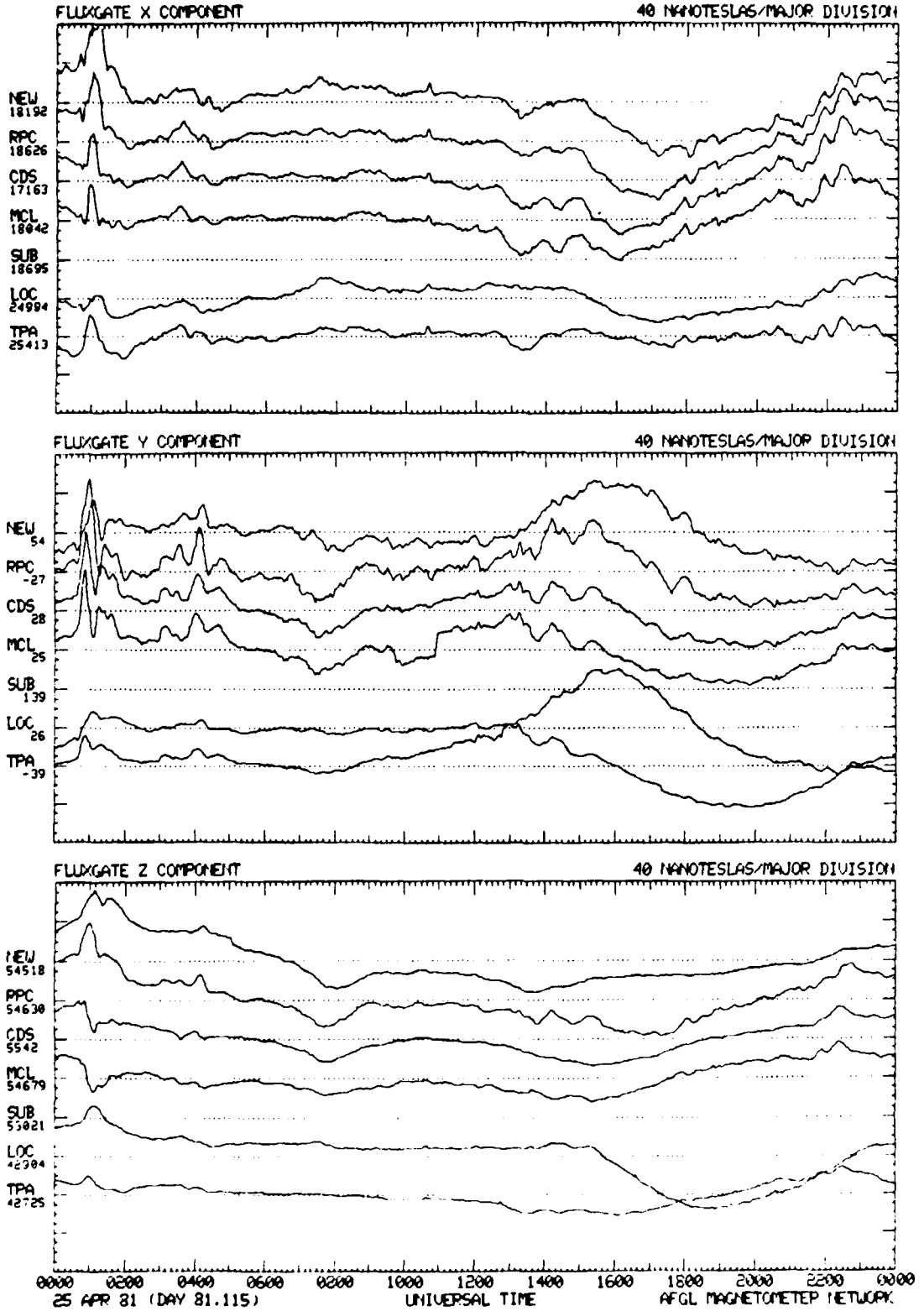
24 APR 81 (DAY 81.114)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18192
RPC 18626
CDS 17163
MCL 18042
SUB 18695
LOC 24984
TPA 25413
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54
RPC -27
CDS 28
MCL 25
SUB 139
LOC 26
TPA -39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54518
RPC 54630
CDS 5542
MCL 54679
SUB 53021
LOC 42304
TPA 42725
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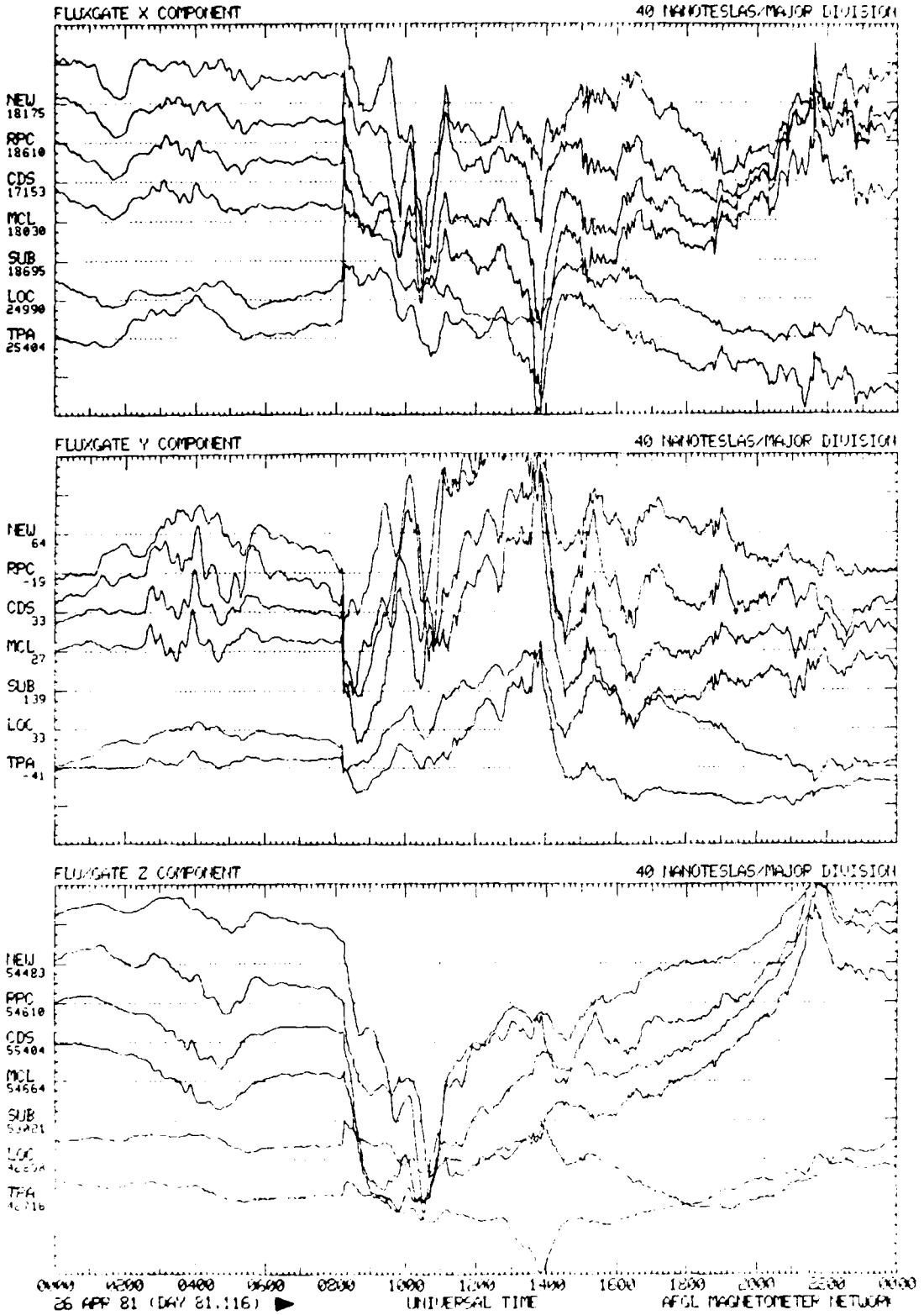
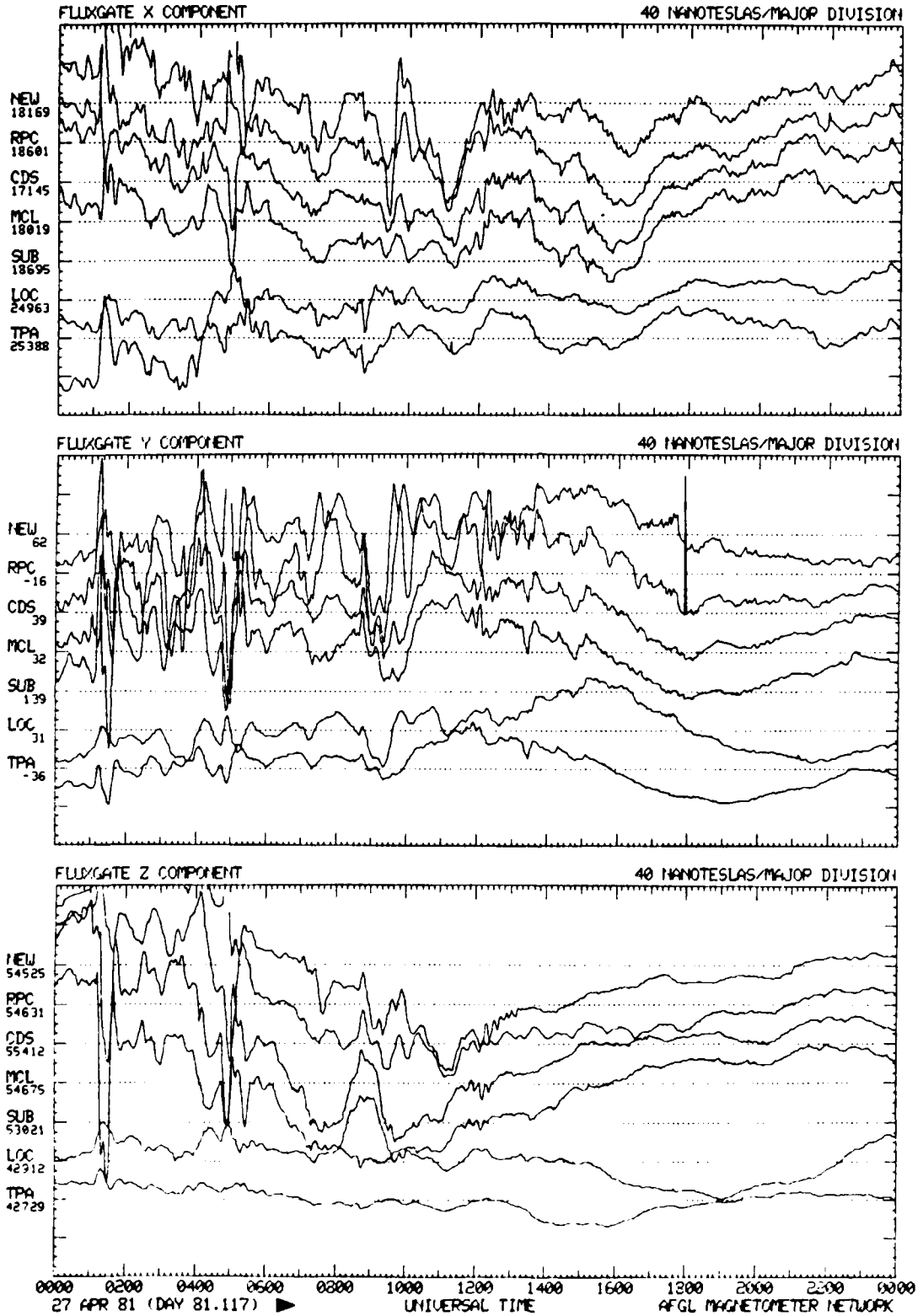
25 APR 81 (DAY 81.115)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18175
RPC 18610
CDS 17153
MCL 18030
SUB 18695
LOC 24990
TPA 25404
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 64
RPC -19
CDS 33
MCL 27
SUB 139
LOC 33
TPA -41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54483
RPC 54610
CDS 55404
MCL 54664
SUB
LOC
TPA
0400
0600
1000
1400
1600
1800
26 APR 81 (DAY 81.116)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18169
RPC 18601
CDS 17145
MCL 18019
SUB 18695
LOC 24963
TPA 25388
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 62
RPC -16
CDS 39
MCL 32
SUB 139
LOC 31
TPA -36
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54525
RPC 54631
CDS 55412
MCL 54675
SUB 53021
LOC 42912
TPA 42729
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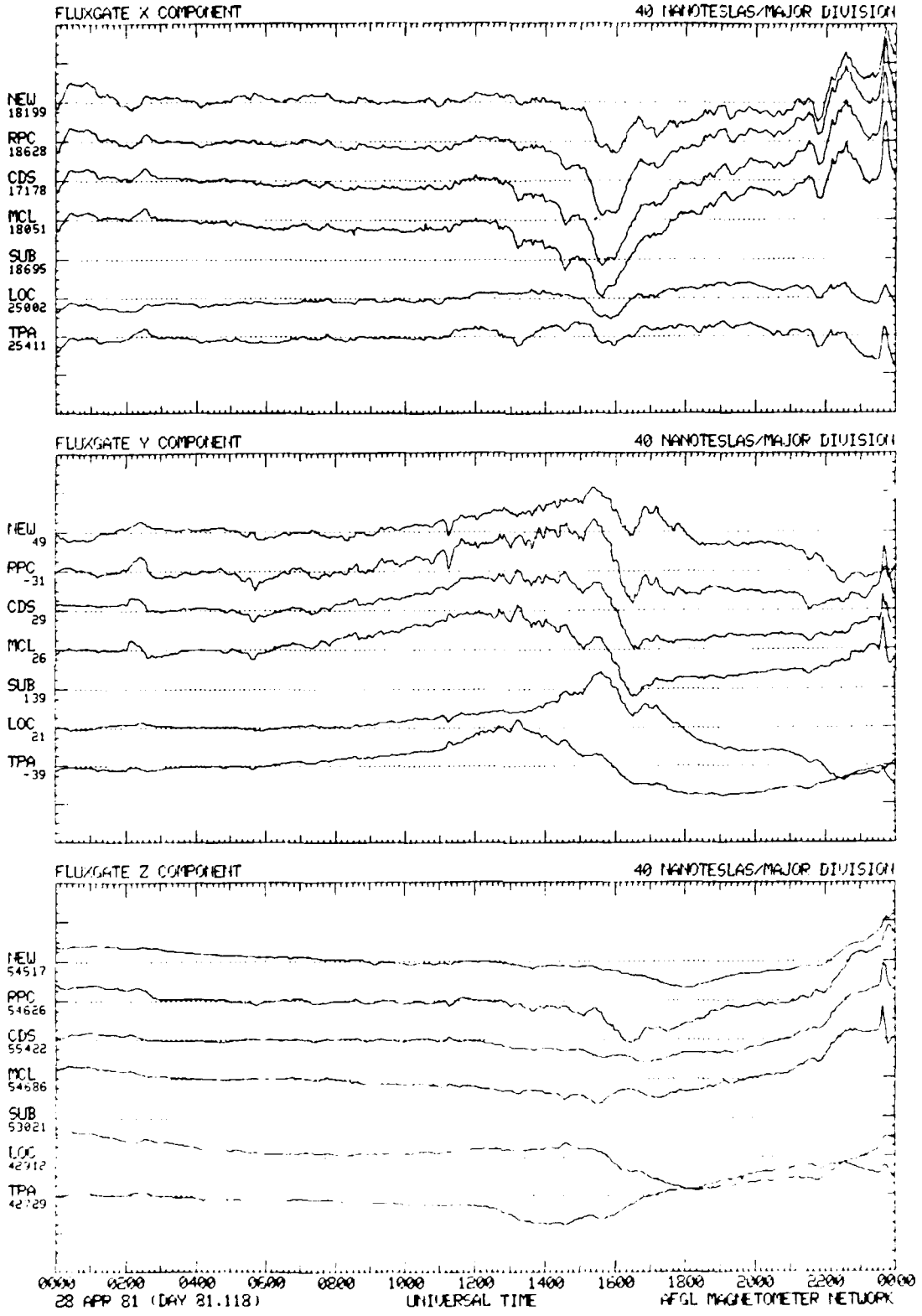
27 APR 81 (DAY 81.117)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18199
RPC 18628
CDS 17178
MCL 18051
SUB 18695
LOC 25002
TPA 25411
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 49
PPC -31
CDS 29
MCL 26
SUB 139
LOC 21
TPA -39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54517
PPC 54626
CDS 55422
MCL 54686
SUB 53021
LOC 42912
TPA 42729
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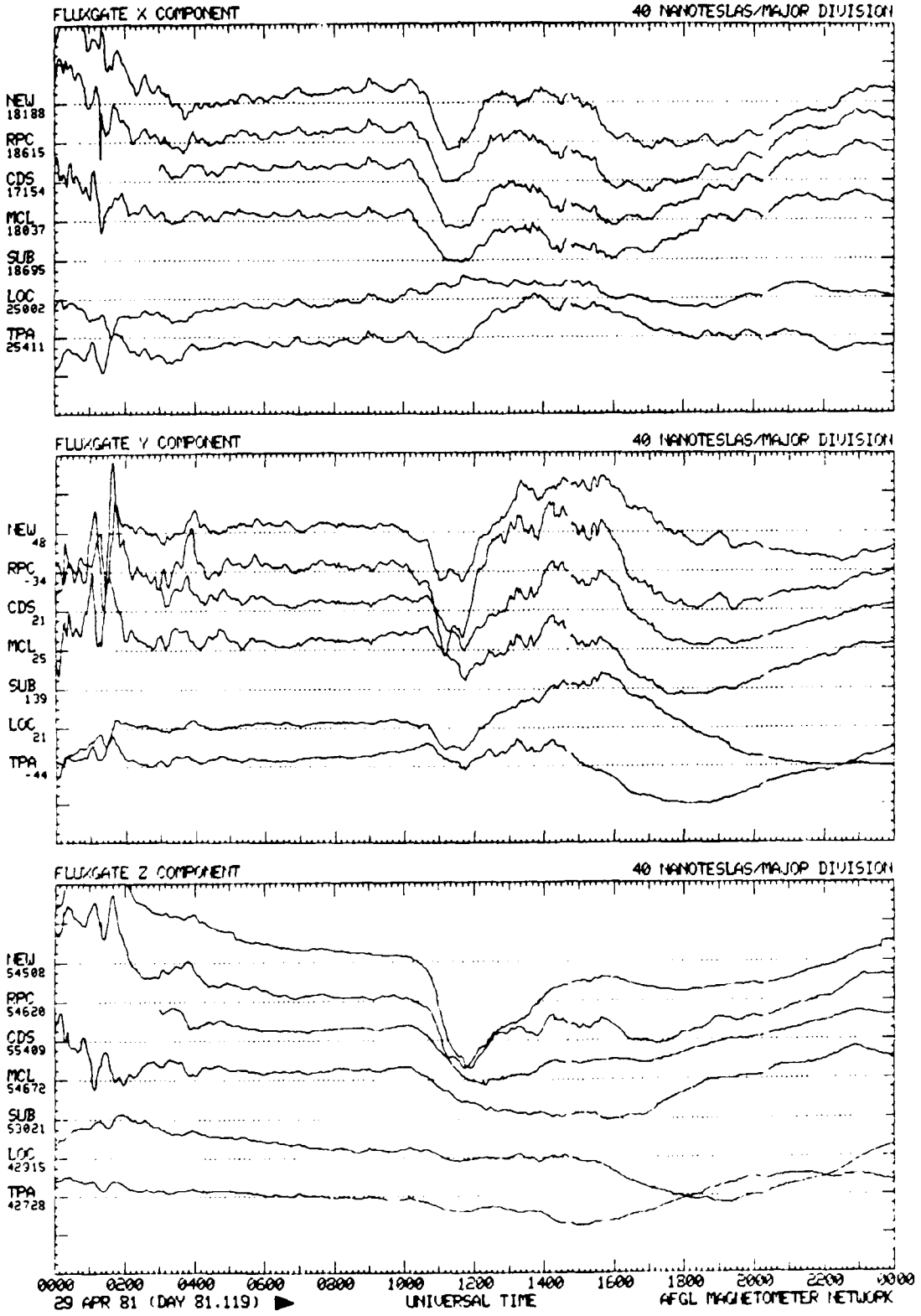
28 APR 81 (DAY 81.118)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18188
RPC 18615
CDS 17154
MCL 18037
SUB 18695
LOC 25002
TPA 25411
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 48
RPC -34
CDS 21
MCL 25
SUB 139
LOC 21
TPA -44
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54508
RPC 54620
CDS 55409
MCL 54672
SUB 53021
LOC 42315
TPA 42728
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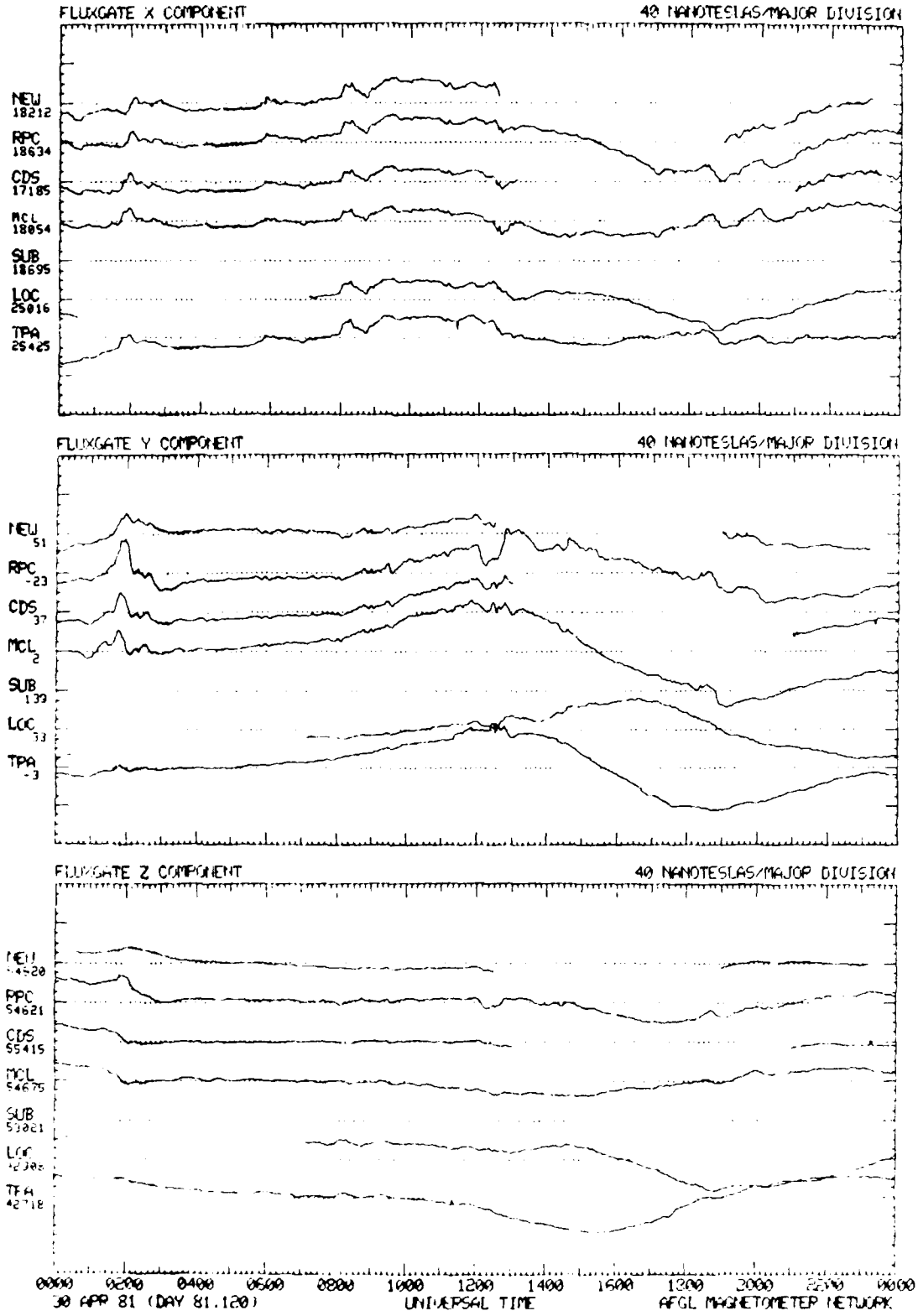
29 APR 81 (DAY 81.119)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18212
RPC 18634
CDS 17185
MCL 18054
SUB 18695
LOC 25016
TPA 25425
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 51
RPC -23
CDS 37
MCL 2
SUB 139
LOC 33
TPA -3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC 54621
CDS 55415
MCL 54675
SUB 53021
TPA 42718
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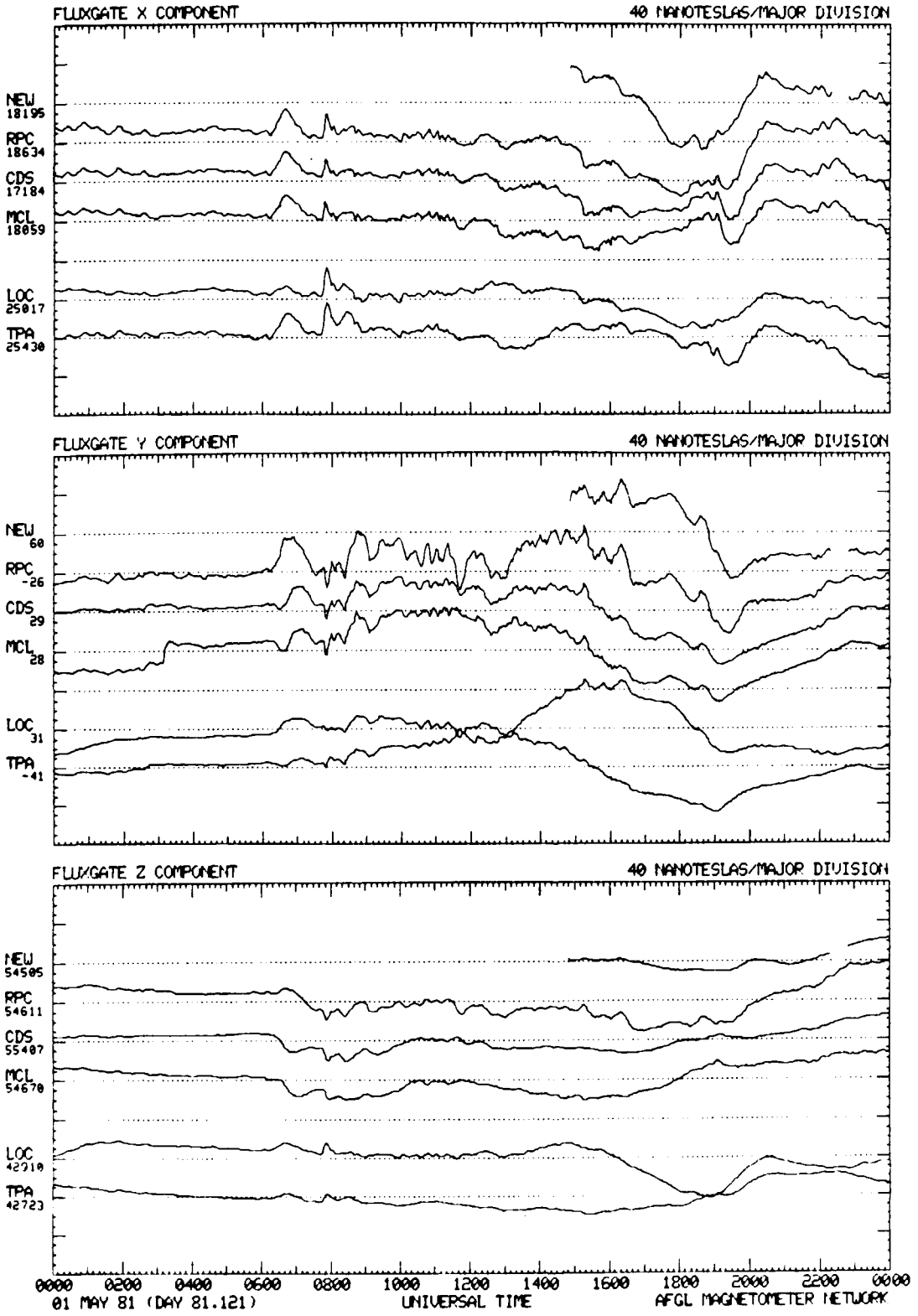
30 APR 81 (DAY 81.120)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18195
RPC
18634
CDS
17184
MCL
18059
LOC
25017
TPA
25430
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
60
RPC
-26
CDS
29
MCL
28
LOC
31
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54505
RPC
54611
CDS
55407
MCL
54670
LOC
42910
TPA
42723
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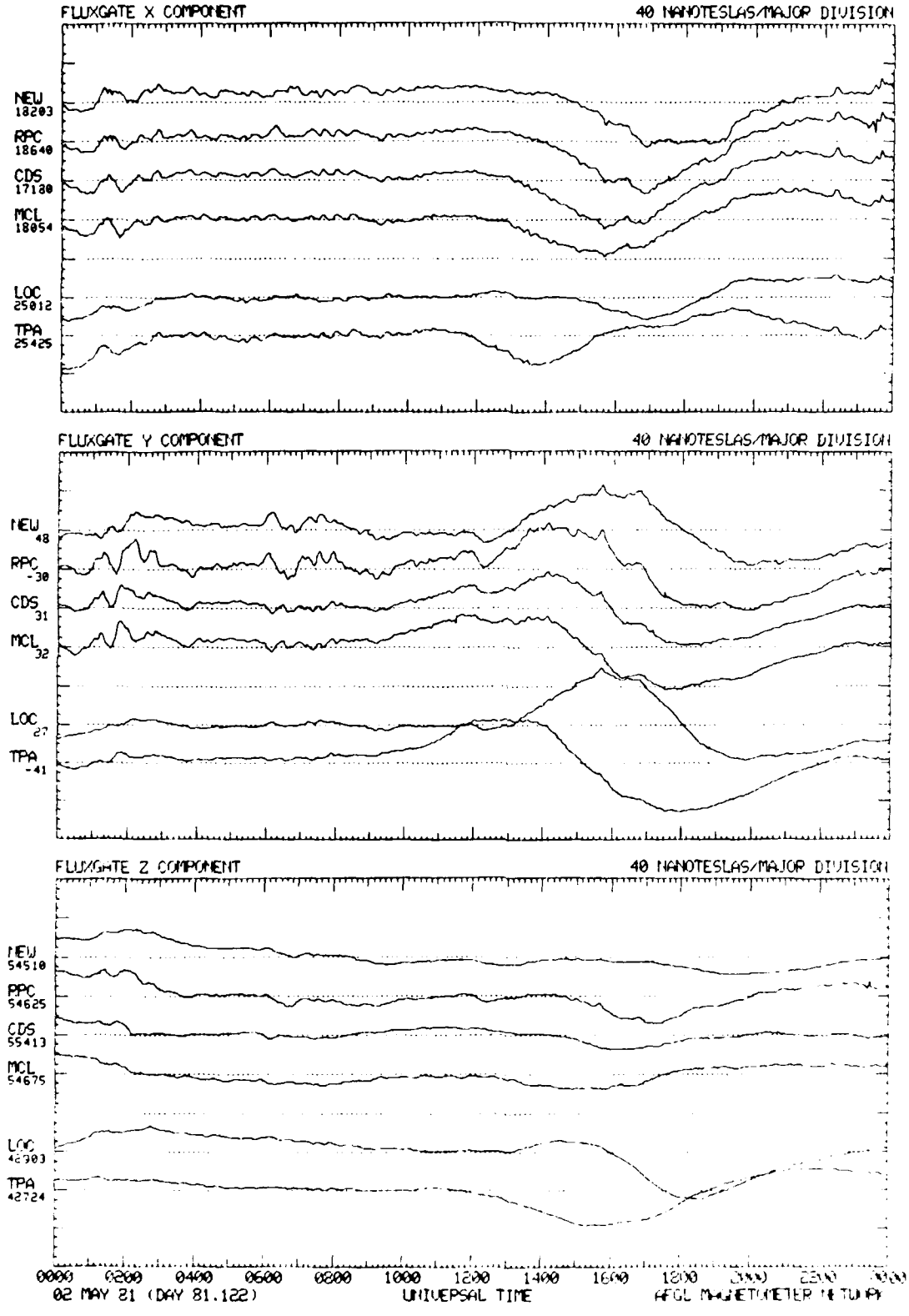
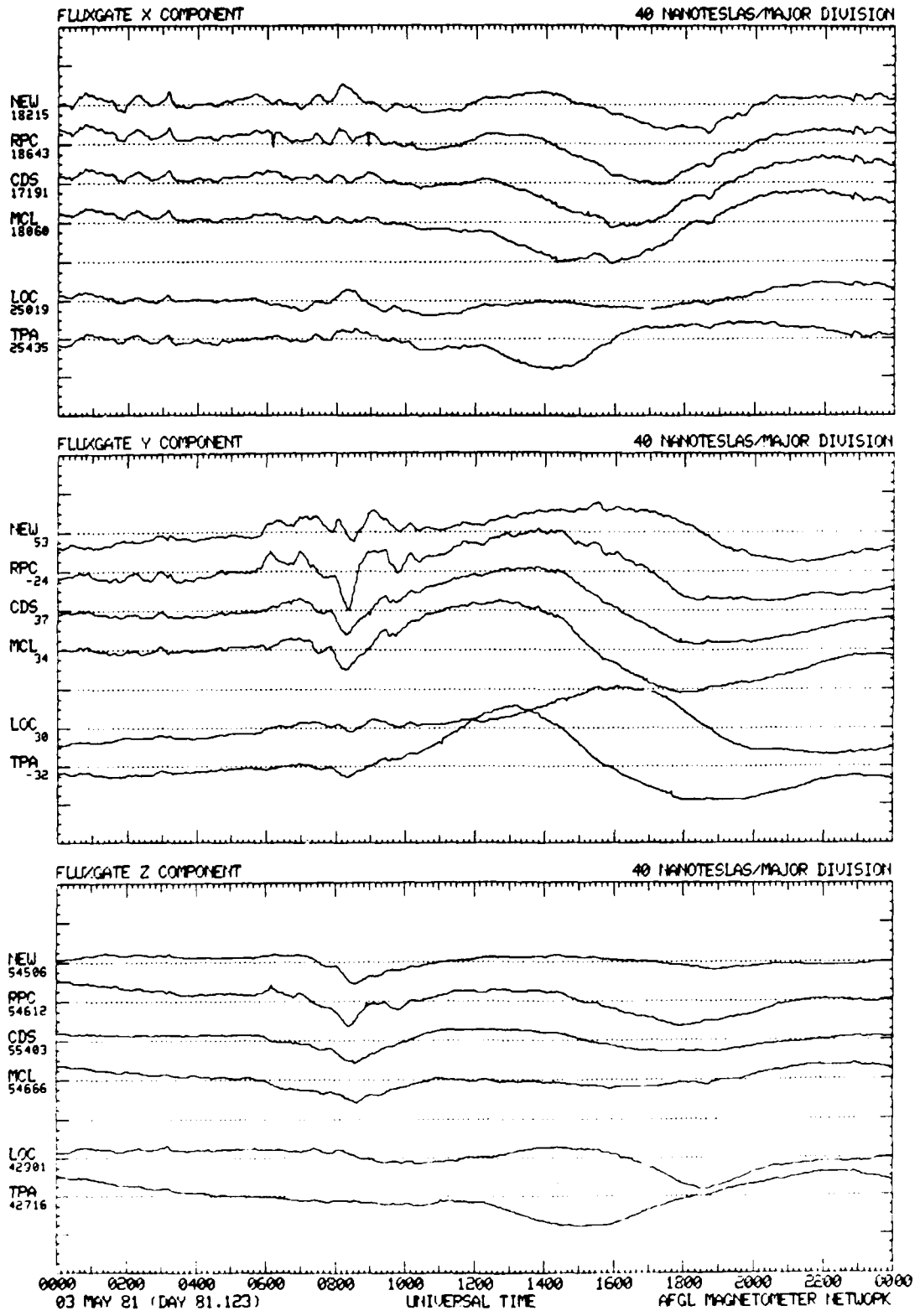
01 MAY 81 (DAY 81.121)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18203
RPC
18640
CDS
17180
MCL
18054
LOC
25012
TPA
25425
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
48
RPC
-30
CDS
31
MCL
32
LOC
27
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54510
RPC
54625
CDS
55413
MCL
54675
LOC
42303
TPA
42724
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
02 MAY 81 (DAY 81.122)
UNIVERSAL TIME


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18215
RPC
18643
CDS
17191
MCL
18060
LOC
25019
TPA
25435
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
53
RPC
-24
CDS
37
MCL
34
LOC
30
TPA
-32
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
RPC
54612
CDS
55403
MCL
54666
LOC
42901
TPA
42716
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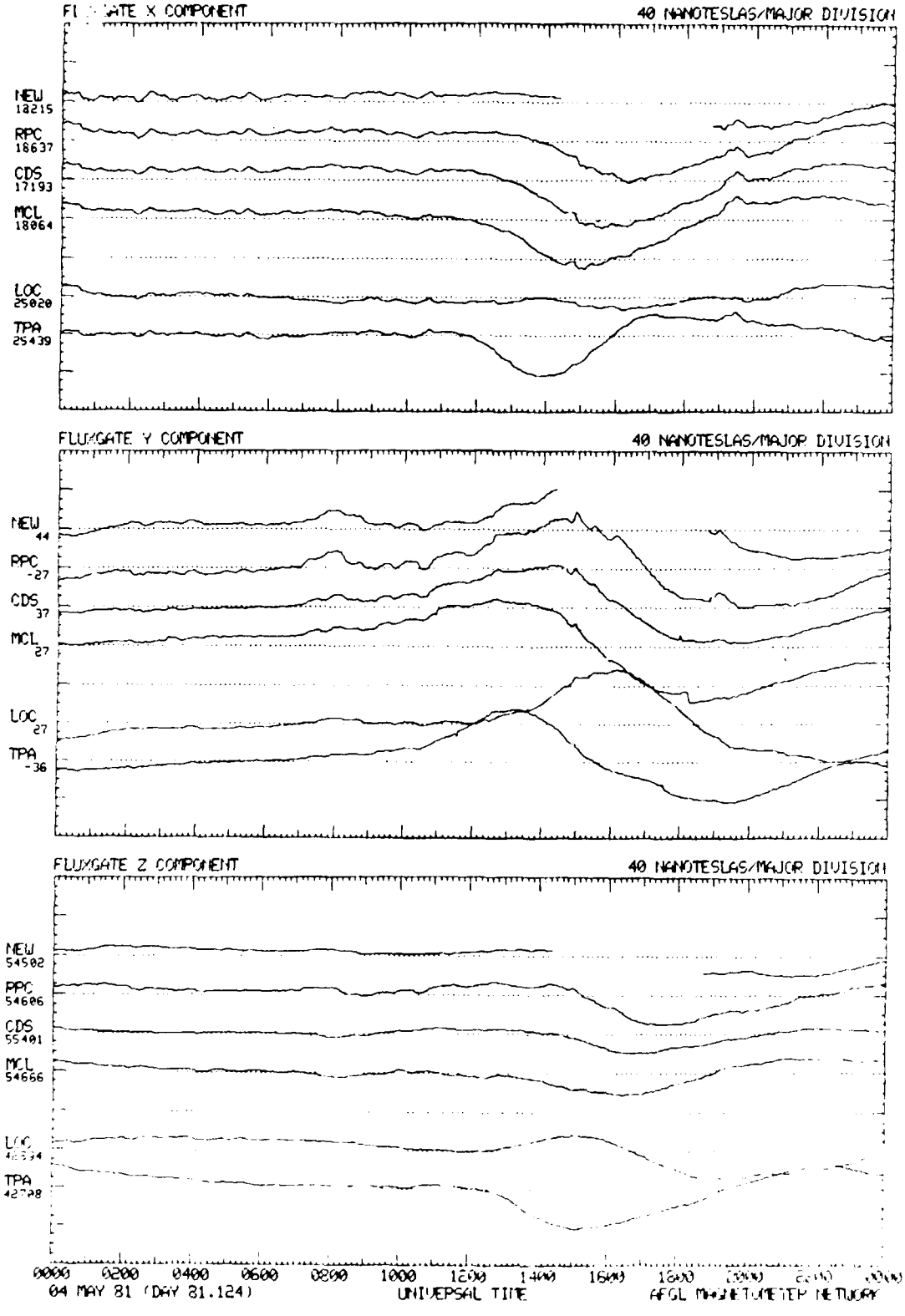
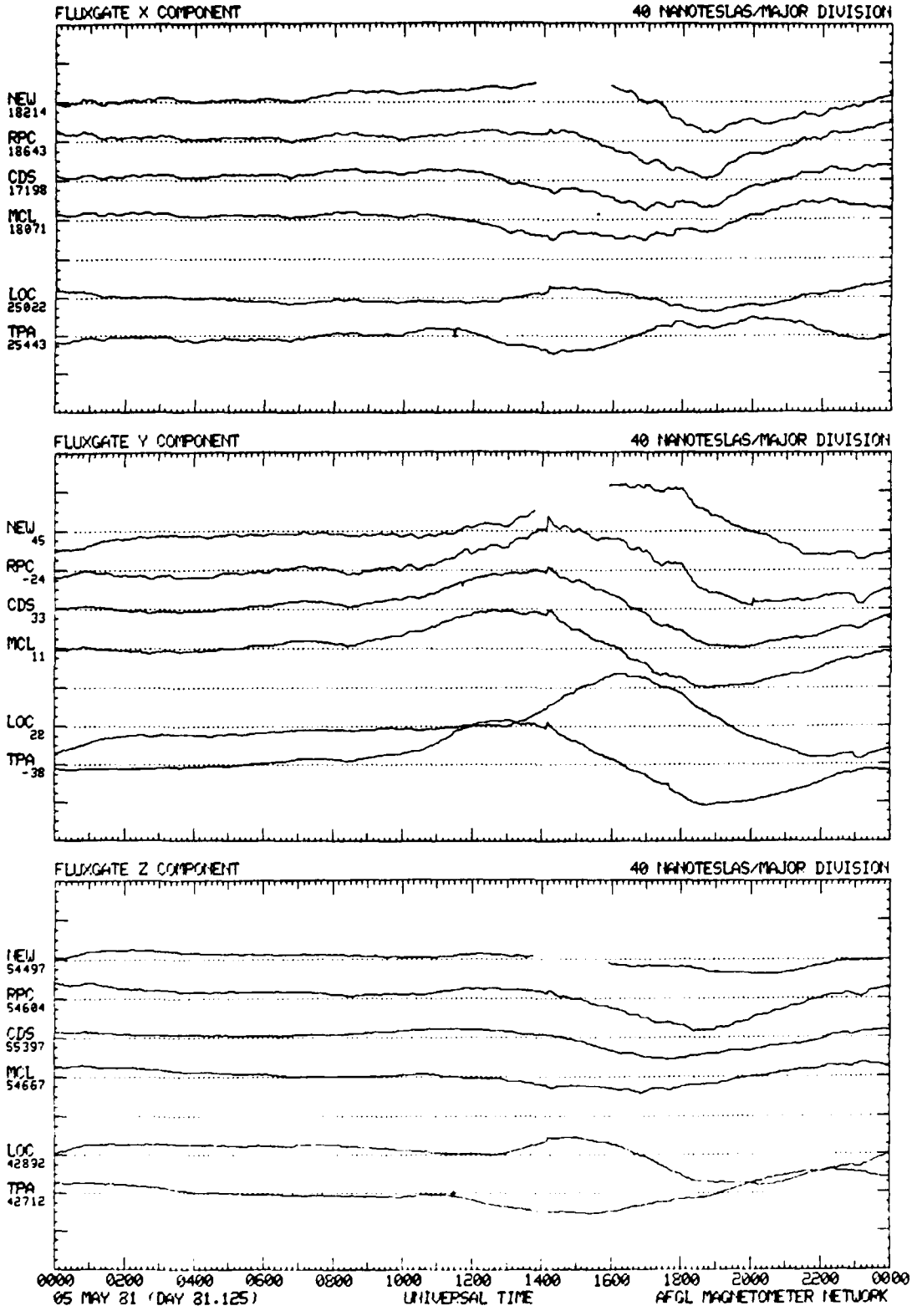
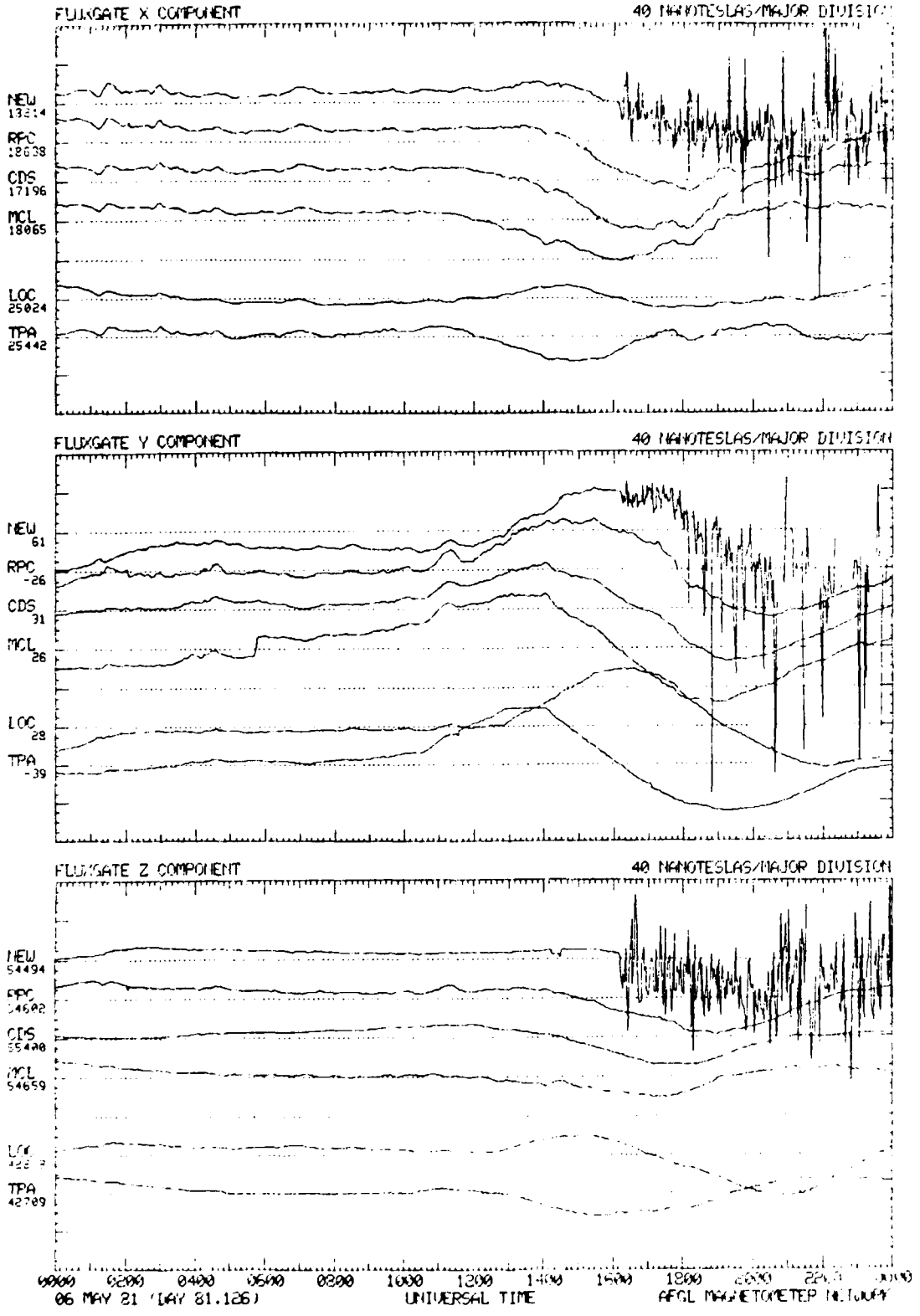
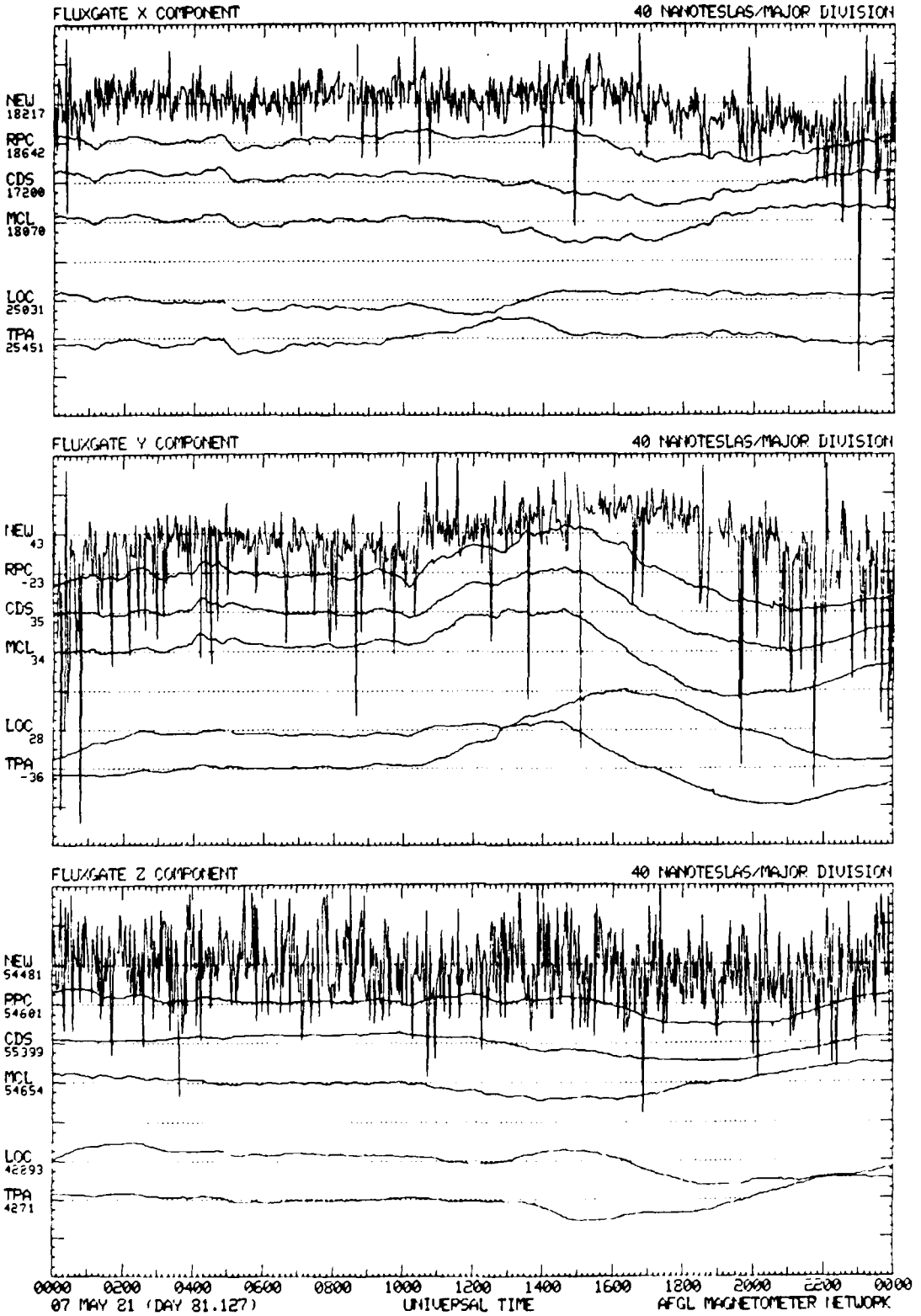
03 MAY 81 (DAY 81.123)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18215
RPC
18637
CDS
17193
MCL
18064
LOC
25020
TPA
25439
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
44
RPC
-27
CDS
37
MCL
27
LOC
27
TPA
-36
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54502
RPC
54606
CDS
55401
MCL
54666
LOC
TPA
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
04 MAY 81 (DAY 81.124)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
RPC
18643
CDS
17198
MCL
18071
LOC
25022
TPA
25443
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
45
RPC
-24
CDS
33
MCL
11
LOC
22
TPA
-38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54497
RPC
54604
CDS
55397
MCL
54667
LOC
42892
TPA
42712
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 MAY 81 (DAY 81.125)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13814
RPC
18638
CDS
17196
MCL
18065
LOC
25024
TPA
25442
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
61
RPC
-26
CDS
31
MCL
26
LOC
28
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54494
RPC
54602
CDS
55400
MCL
54659
TPA
42709
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
06 MAY 81 (DAY 81.126)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18217
RPC 18642
CDS 17200
MCL 18070
LOC 25031
TPA 25451
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 43
RPC -23
CDS 35
MCL 34
LOC 28
TPA -36
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54481
RPC 54601
CDS 55399
MCL 54654
LOC 42893
TPA 4271
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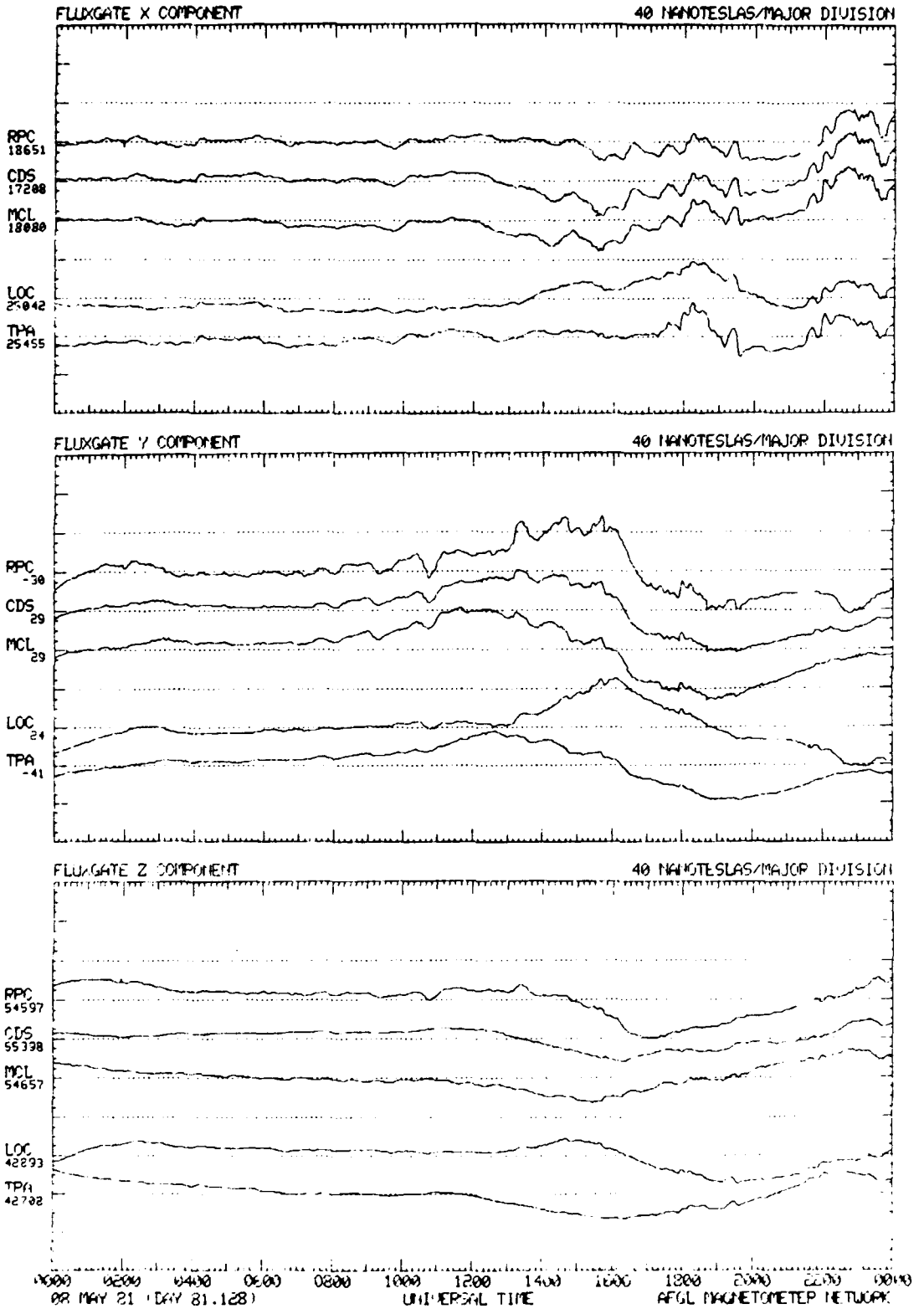
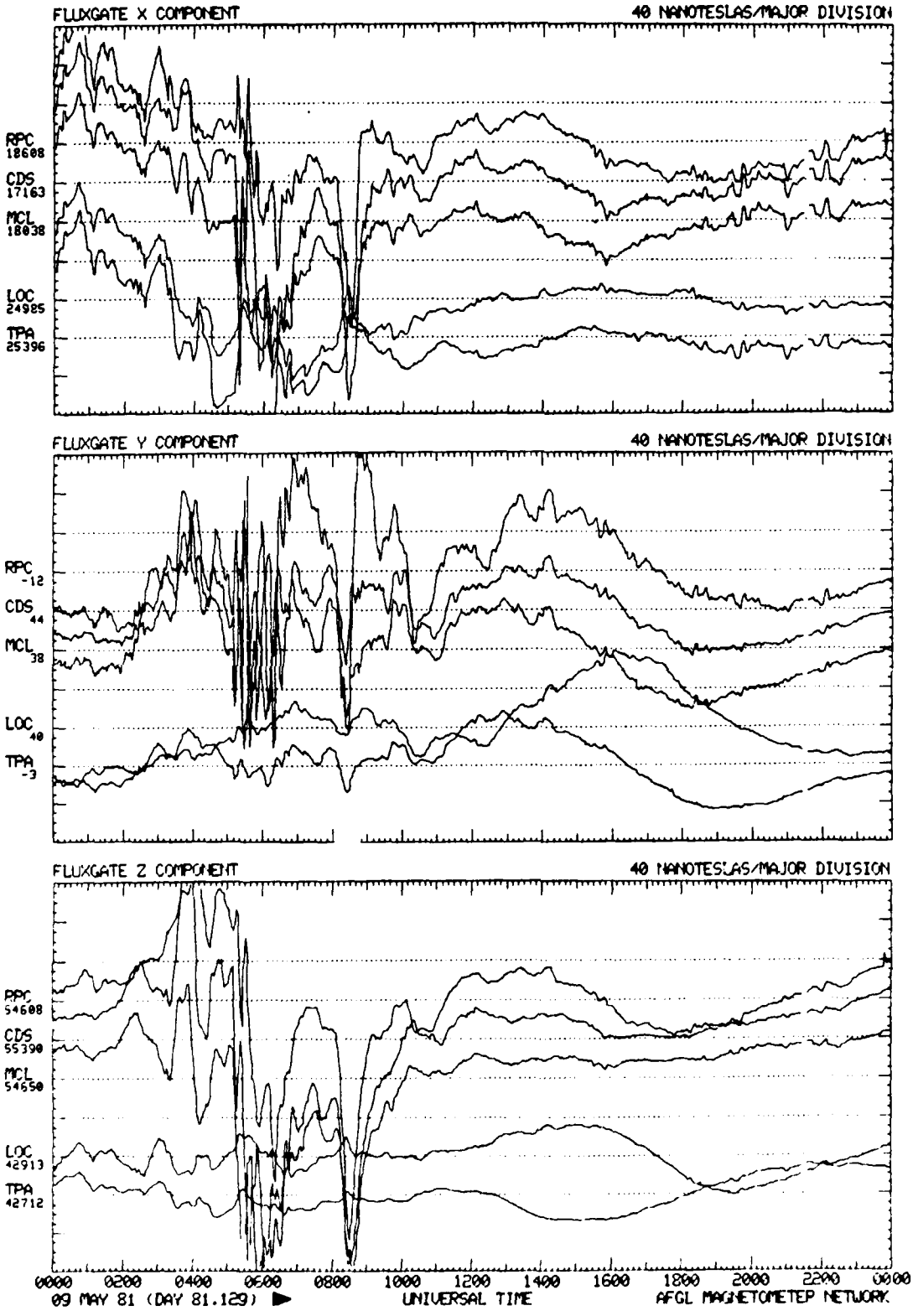
07 MAY 81 (DAY 81.127)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18651
CDS
17288
MCL
18080
LOC
25042
TPA
25455
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-30
CDS
29
MCL
29
LOC
24
TPA
-41
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54597
CDS
55398
MCL
54657
LOC
42893
TPA
42782
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
08 MAY 81 (DAY 81.128)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18608
CDS
17163
MCL
18038
LOC
24985
TPA
25396
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-12
CDS
44
MCL
38
LOC
40
TPA
-3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54608
CDS
55390
MCL
54650
LOC
42913
TPA
42712
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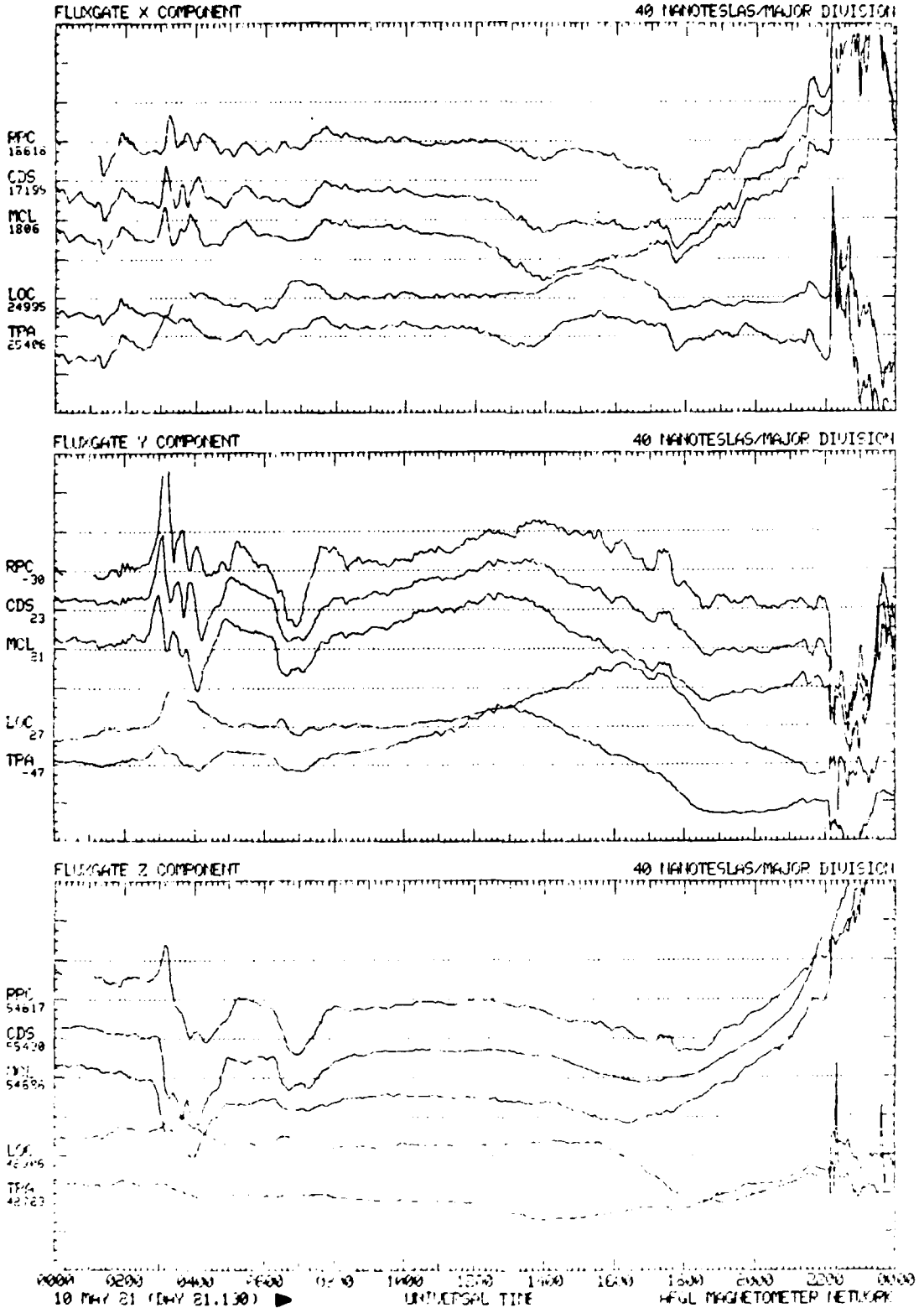
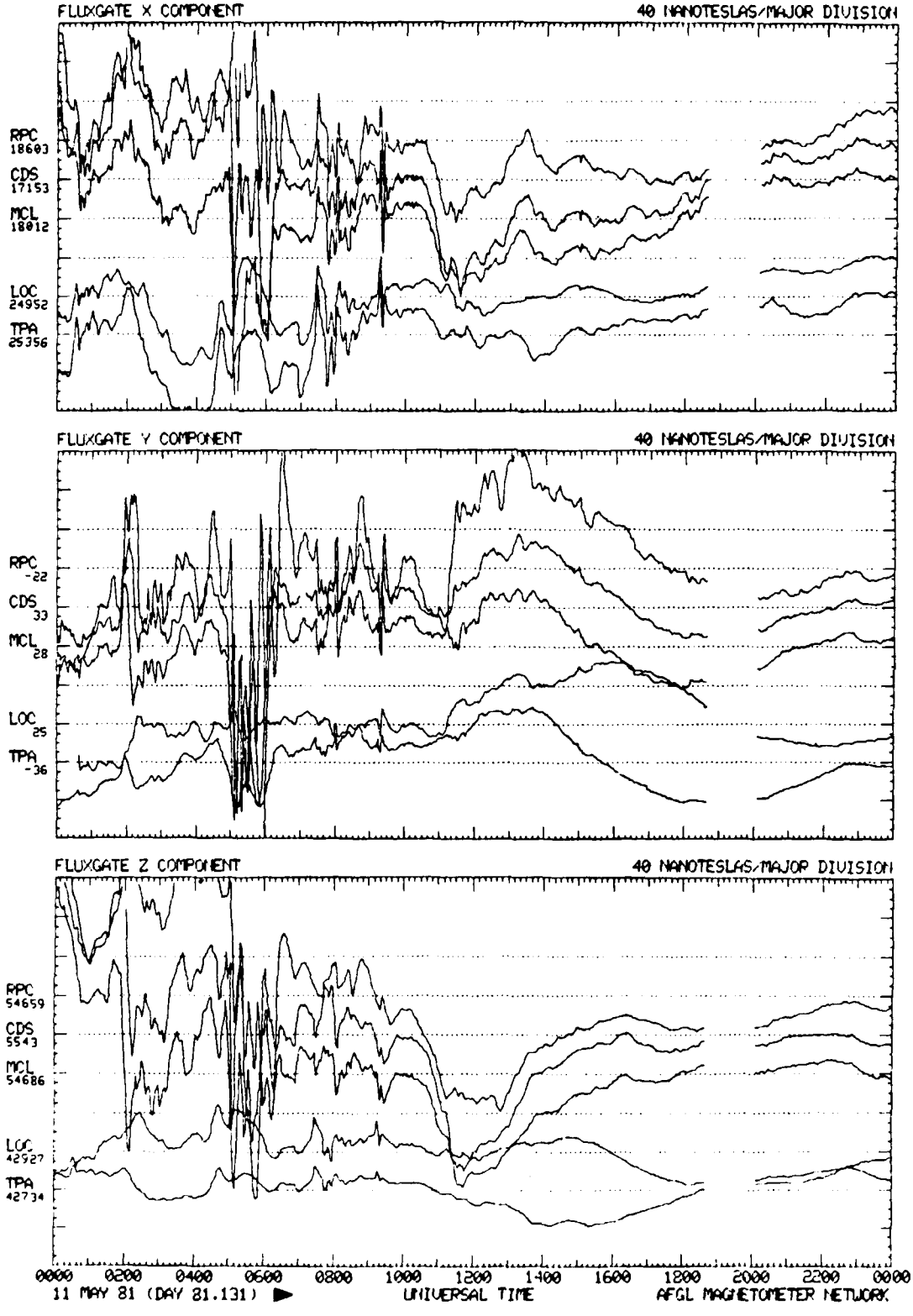
09 MAY 81 (DAY 81.129)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18616
CDS
17195
MCL
1806
LOC
24995
TPA
25406
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-30
CDS
23
MCL
21
LOC
27
TPA
-47
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54617
CDS
55430
MCL
54606
LOC
42705
TPA
42723
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
10 MAY 81 (DAY 81.130)
UNIVERSAL TIME
HFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC 18603
CDS 17153
MCL 18012
LOC 24952
TPA 25356
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC -22
CDS 33
MCL 28
LOC 25
TPA -36
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC 54659
CDS 5543
MCL 54686
LOC 42927
TPA 42734
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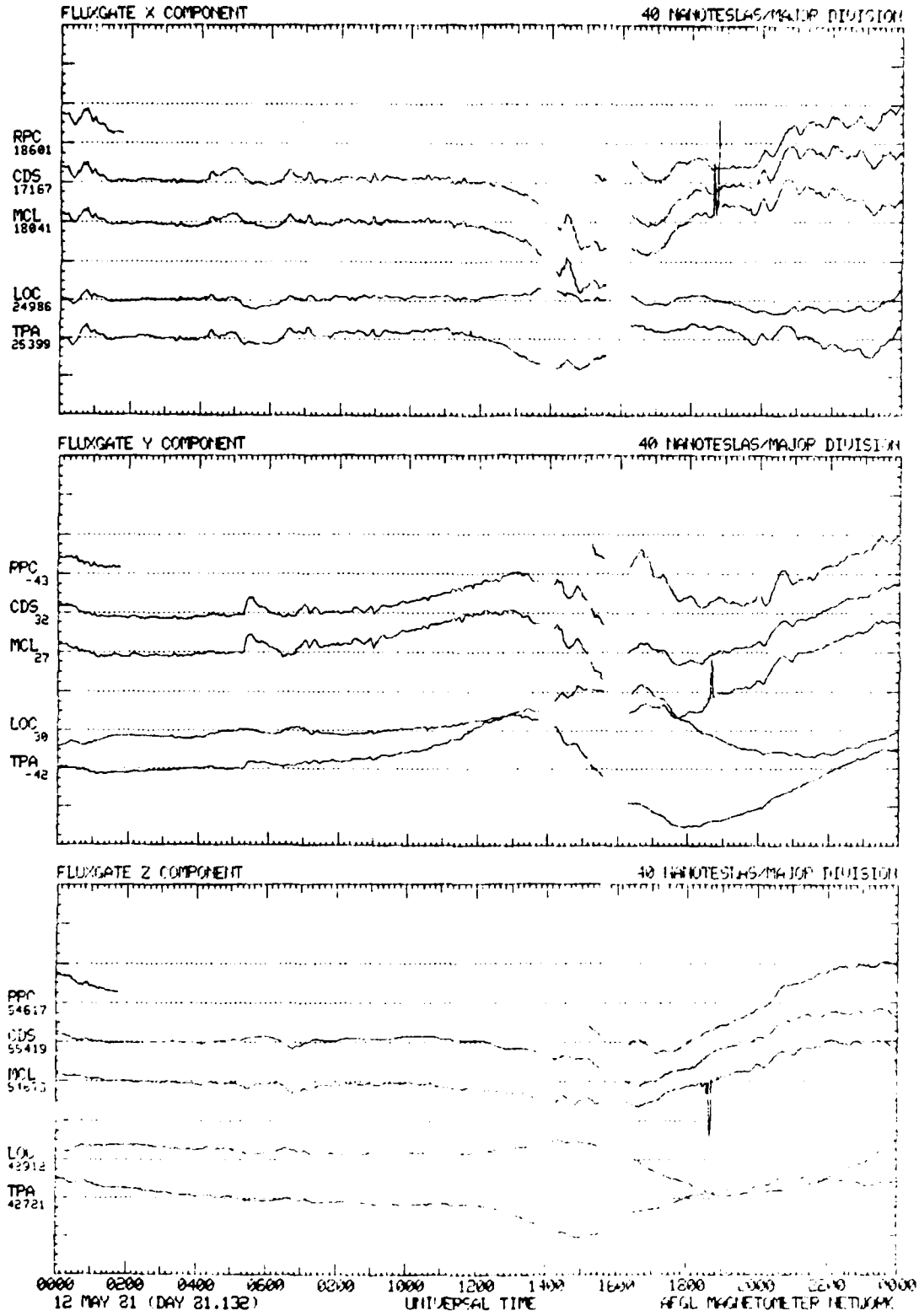
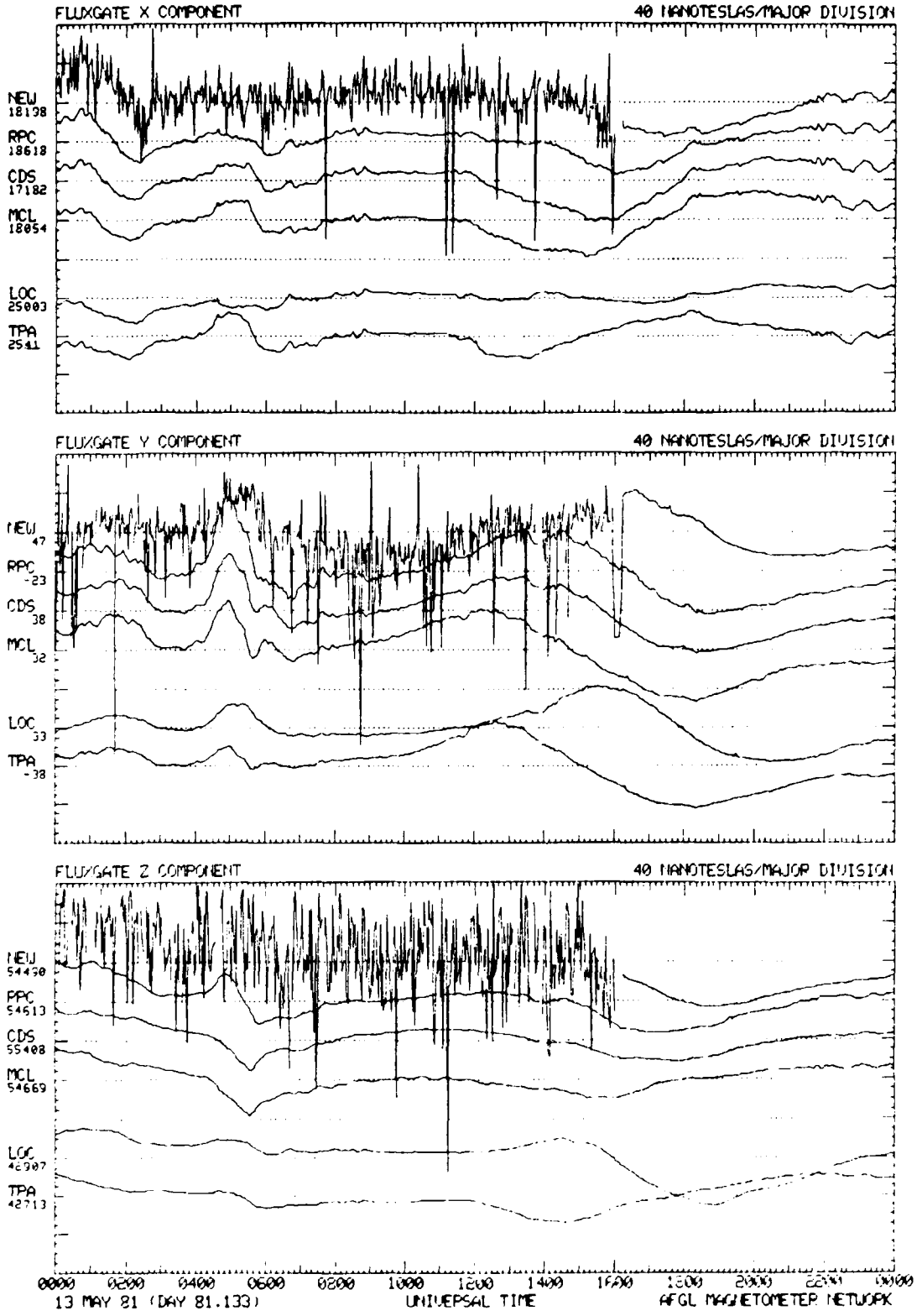
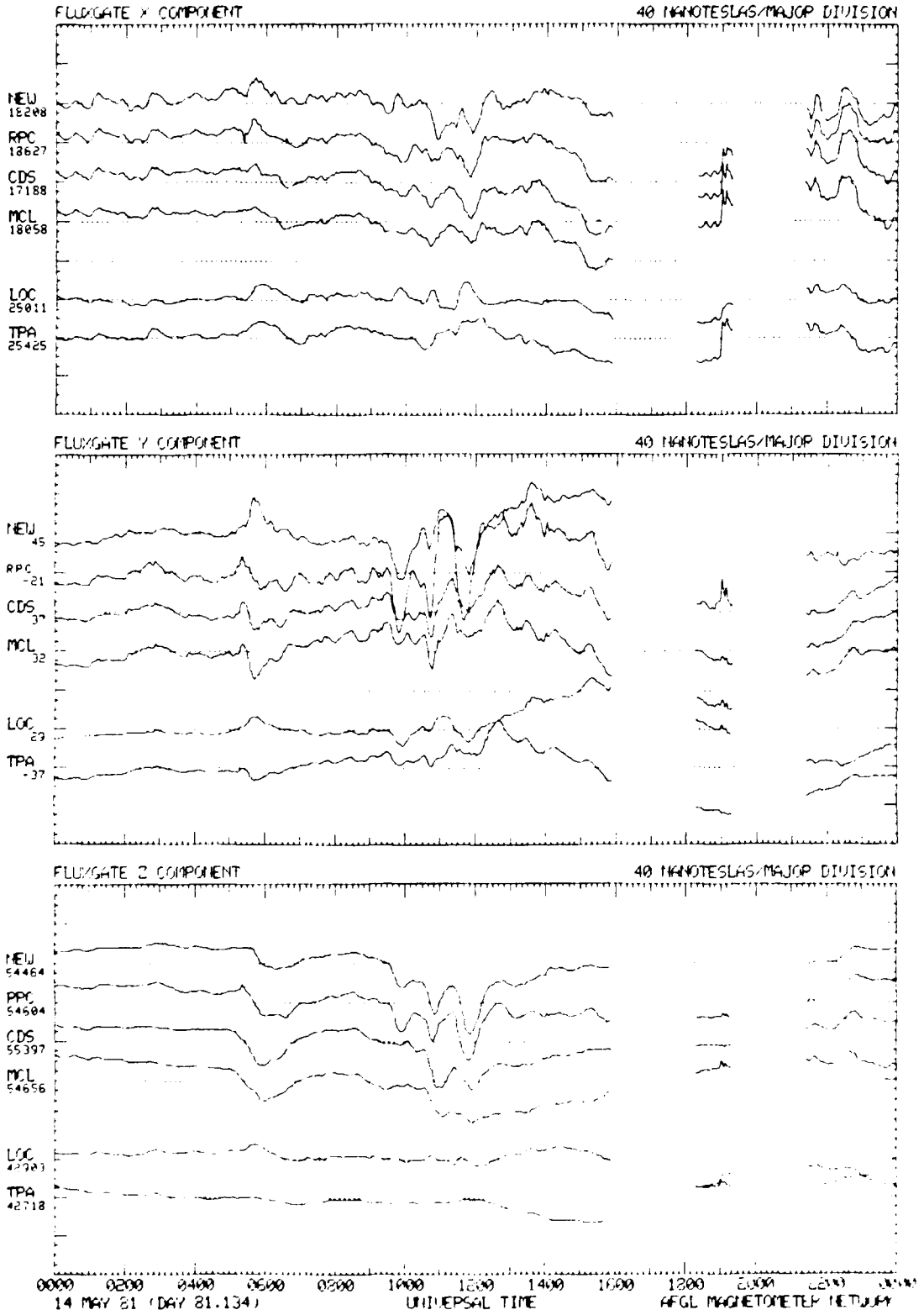
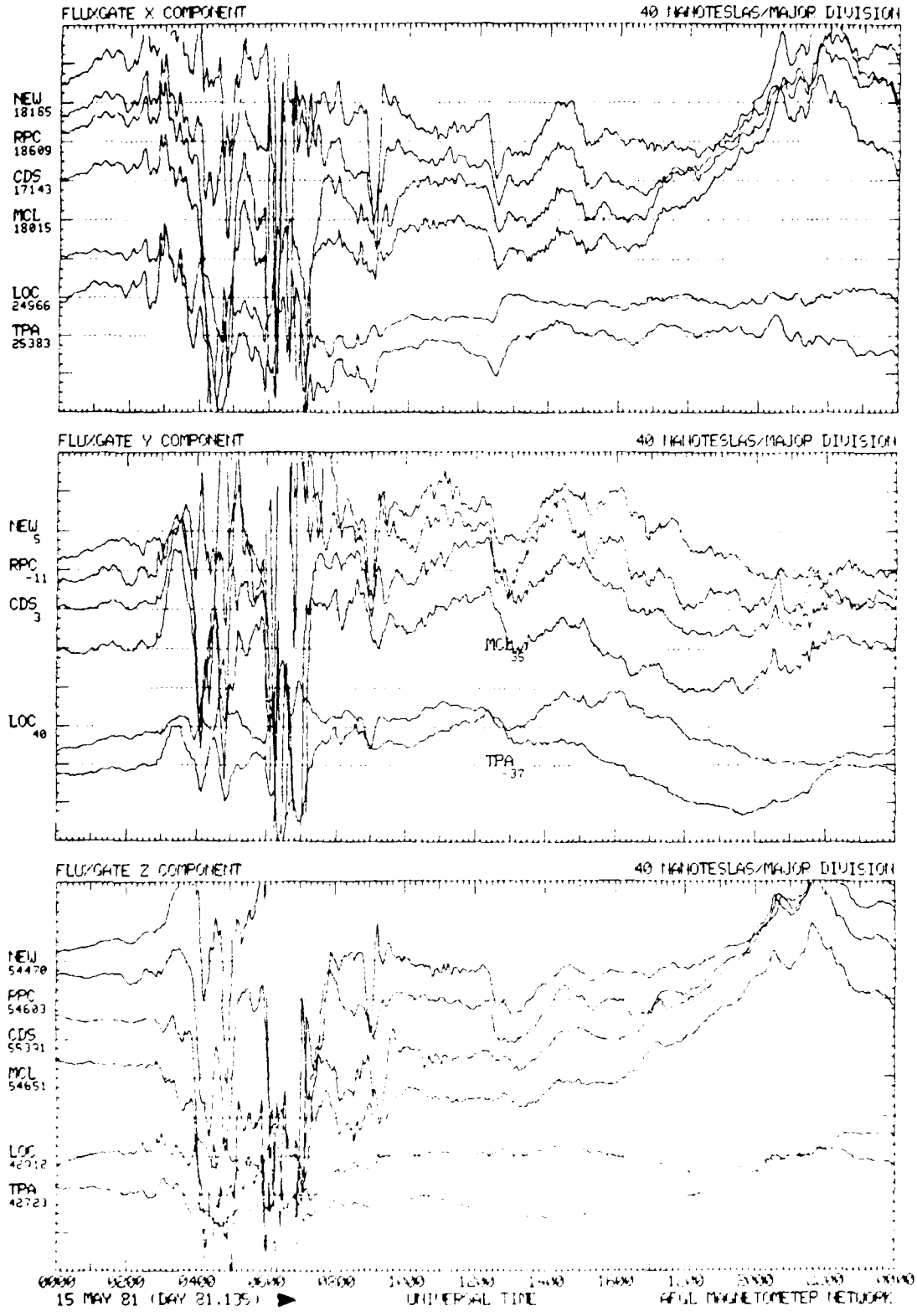
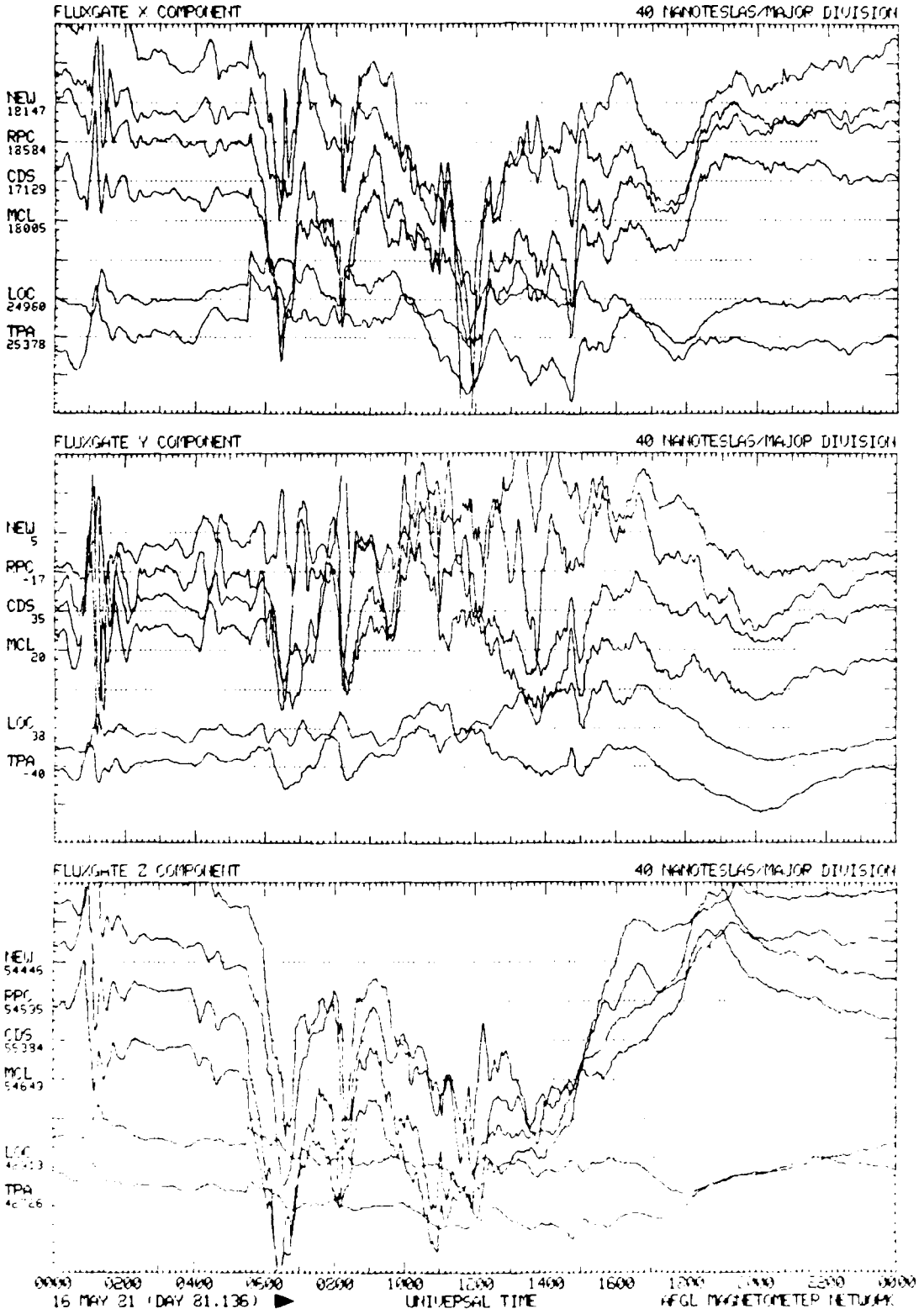
11 MAY 81 (DAY 81.131)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18601
CDS
17167
MCL
18041
LOC
24986
TPA
25399
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-43
CDS
32
MCL
27
LOC
30
TPA
-42
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54617
CDS
55419
MCL
LOC
43918
TPA
42721
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
2400
12 MAY 81 (DAY 81.132)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18198
RPC
18618
CDS
17182
MCL
18054
LOC
25003
TPA
2541
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
47
RPC
-23
CDS
38
MCL
32
LOC
33
TPA
-38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54430
RPC
54613
CDS
55408
MCL
54669
LOC
46907
TPA
42713
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
13 MAY 81 (DAY 81.133)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18208
RPC
18627
CDS
17188
MCL
18058
LOC
25011
TPA
25425
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
45
RPC
-21
CDS
37
MCL
32
LOC
29
TPA
-37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54464
RPC
54604
CDS
55397
MCL
54656
LOC
42903
TPA
42718
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
14 MAY 81 (DAY 81.134)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18165
RPC
18609
CDS
17143
MCL
18015
LOC
24966
TPA
25383
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
5
RPC
-11
CDS
3
MCL
35
LOC
40
TPA
-37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54470
RPC
54603
CDS
55331
MCL
54651
LOC
42012
TPA
42723
15 MAY 81 (DAY 81.135)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18147
RPC 18584
CDS 17129
MCL 18005
LOC 24960
TPA 25378
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 5
RPC -17
CDS 35
MCL 20
LOC 38
TPA -40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54446
RPC 54595
CDS 55394
MCL 54643
LOC 48253
TPA 48726
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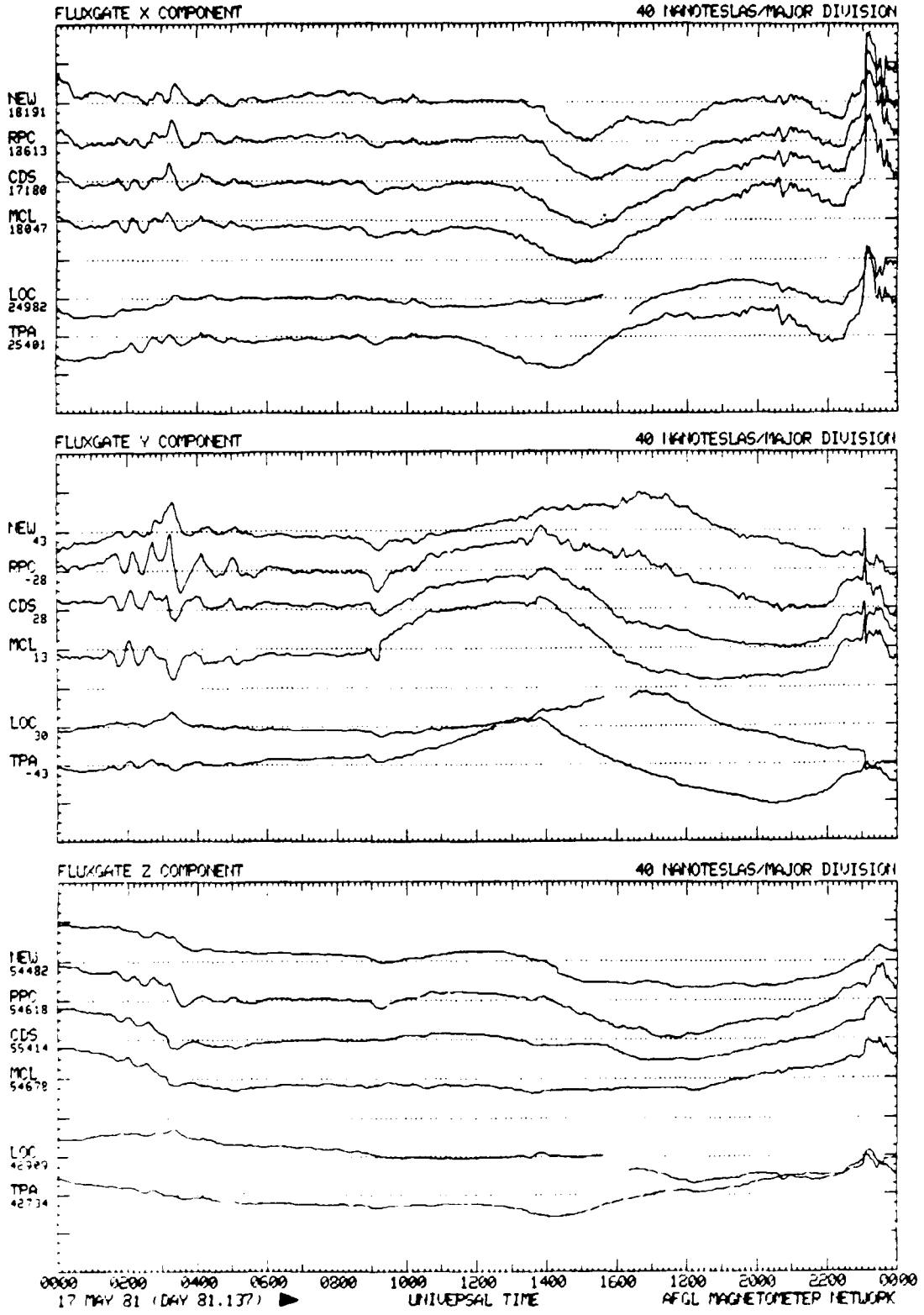
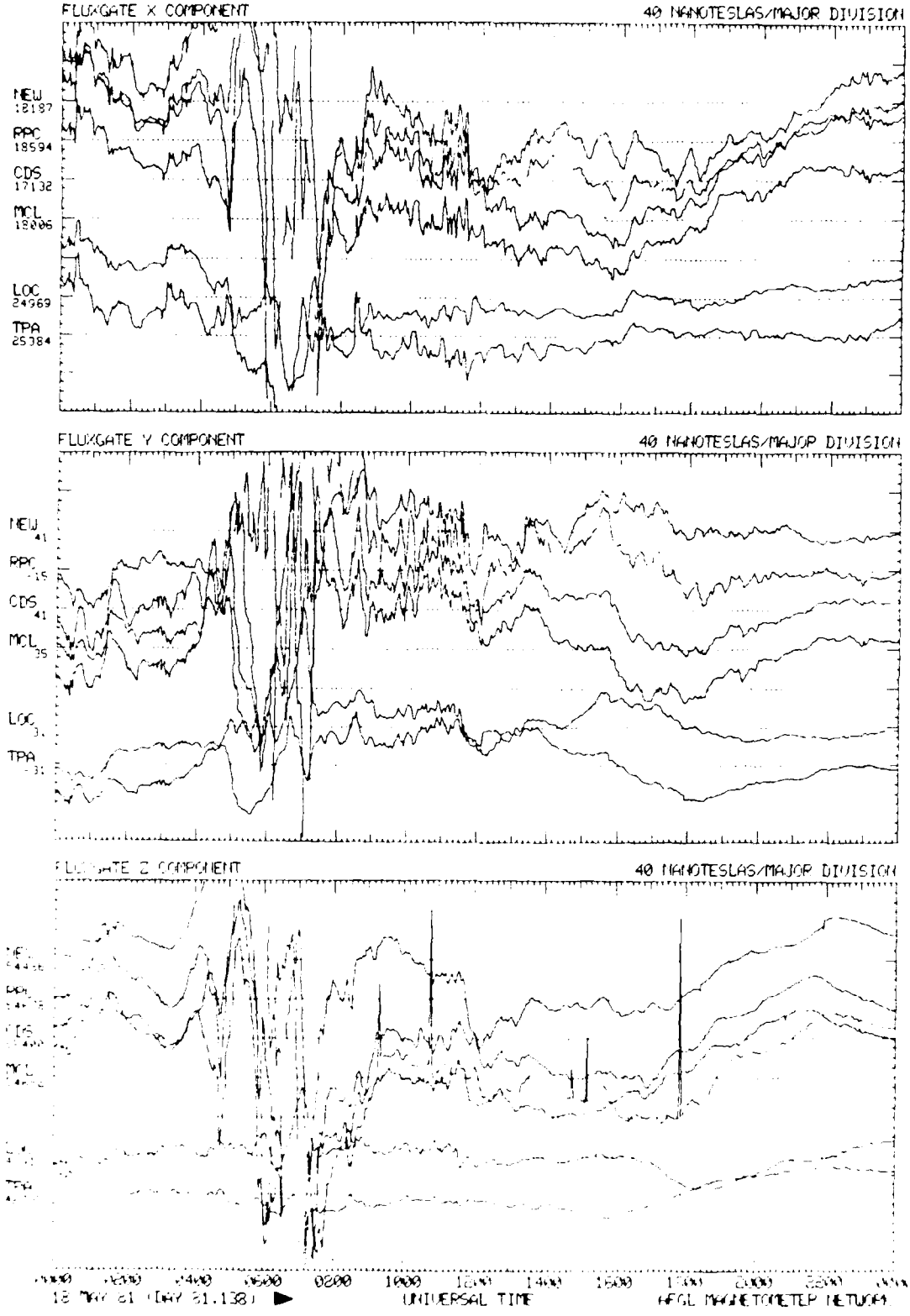
16 MAY 21 (DAY 81.136)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18191
RPC 18613
CDS 17180
MCL 18047
LOC 24982
TPA 25401
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 43
RPC -28
CDS 28
MCL 13
LOC 30
TPA -43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54482
RPC 54618
CDS 55414
MCL 54678
LOC 42999
TPA 42734
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 MAY 81 (DAY 81.137)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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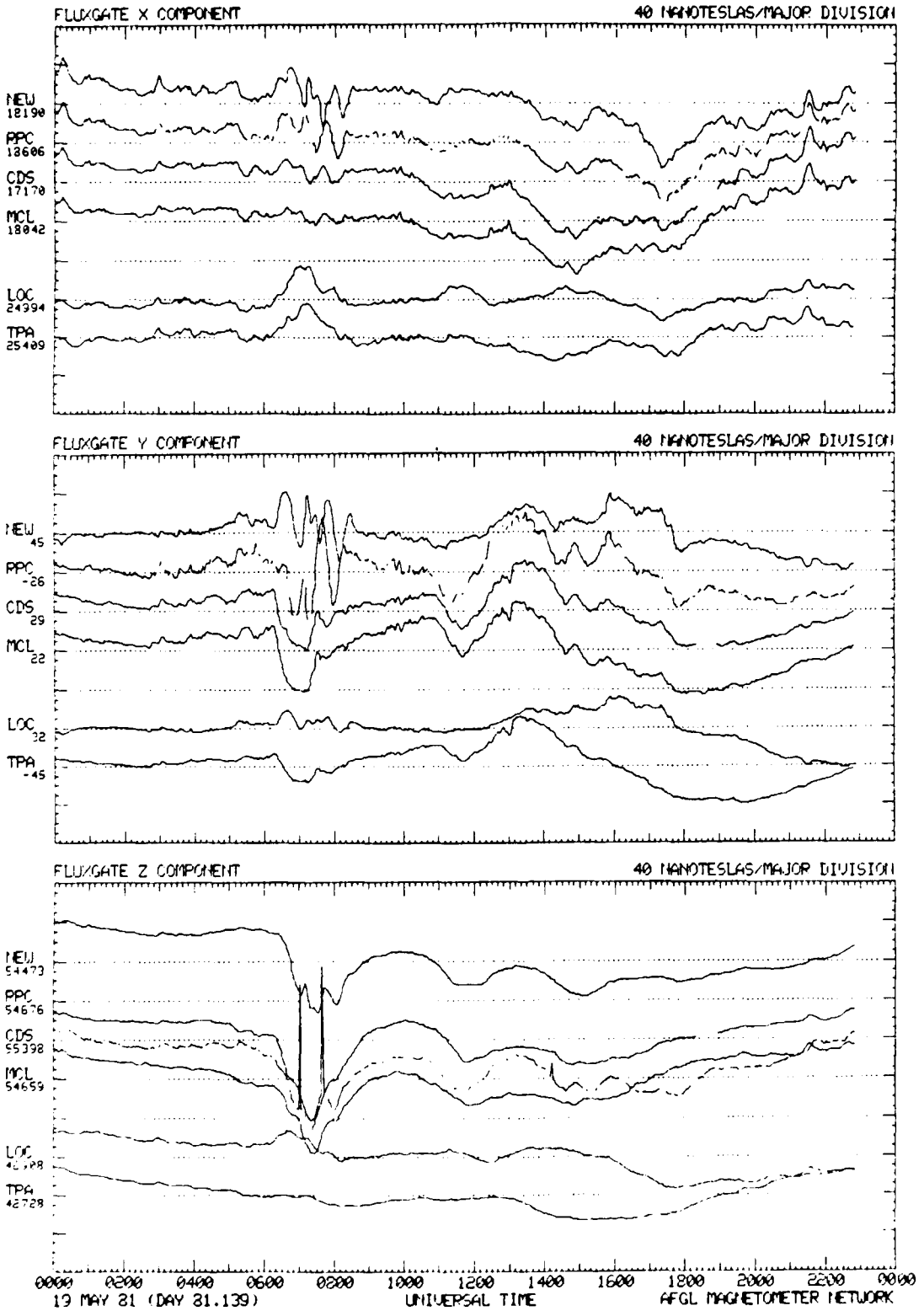
NEW 18187
RPC 18594
CDS 17132
MCL 18006
LOC 24969
TPA 25384
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 41
RPC 15
CDS 41
MCL 35
LOC 31
TPA 31
40 NANOTESLAS/MAJOR DIVISION
0800
1000
1400
1600
UNIVERSAL TIME


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18190
PPC
18606
CDS
17170
MCL
18042
LOC
24994
TPA
25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
45
PPC
-26
CDS
29
MCL
22
LOC
32
TPA
-45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54473
PPC
54676
CDS
55398
MCL
54659
TPA
42728
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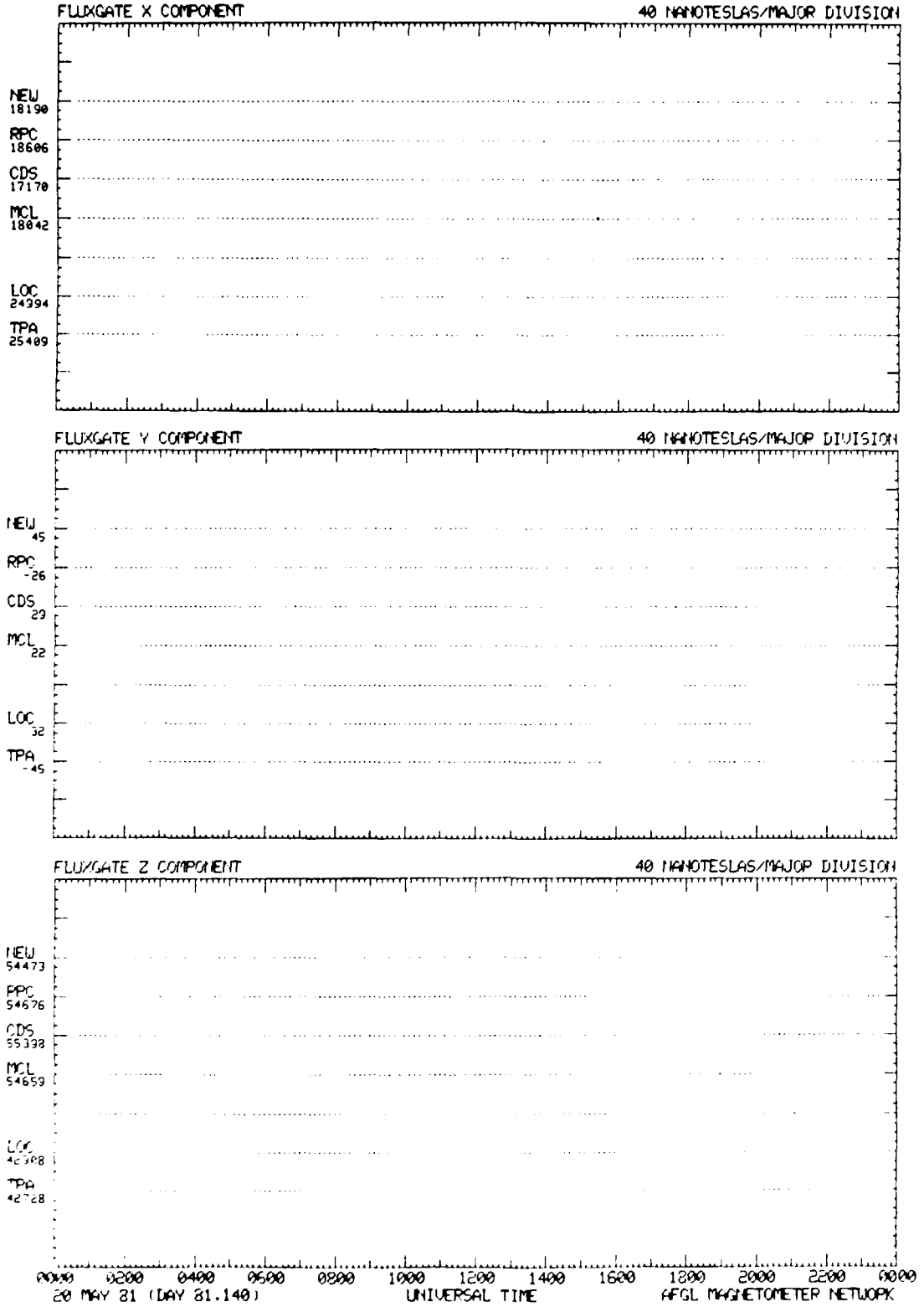
19 MAY 81 (DAY 81.139)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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RPC
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CDS
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MCL
18042
LOC
24994
TPA
25409
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
45
RPC
-26
CDS
29
MCL
22
LOC
32
TPA
-45
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54473
RPC
54676
CDS
55398
MCL
54659
LOC
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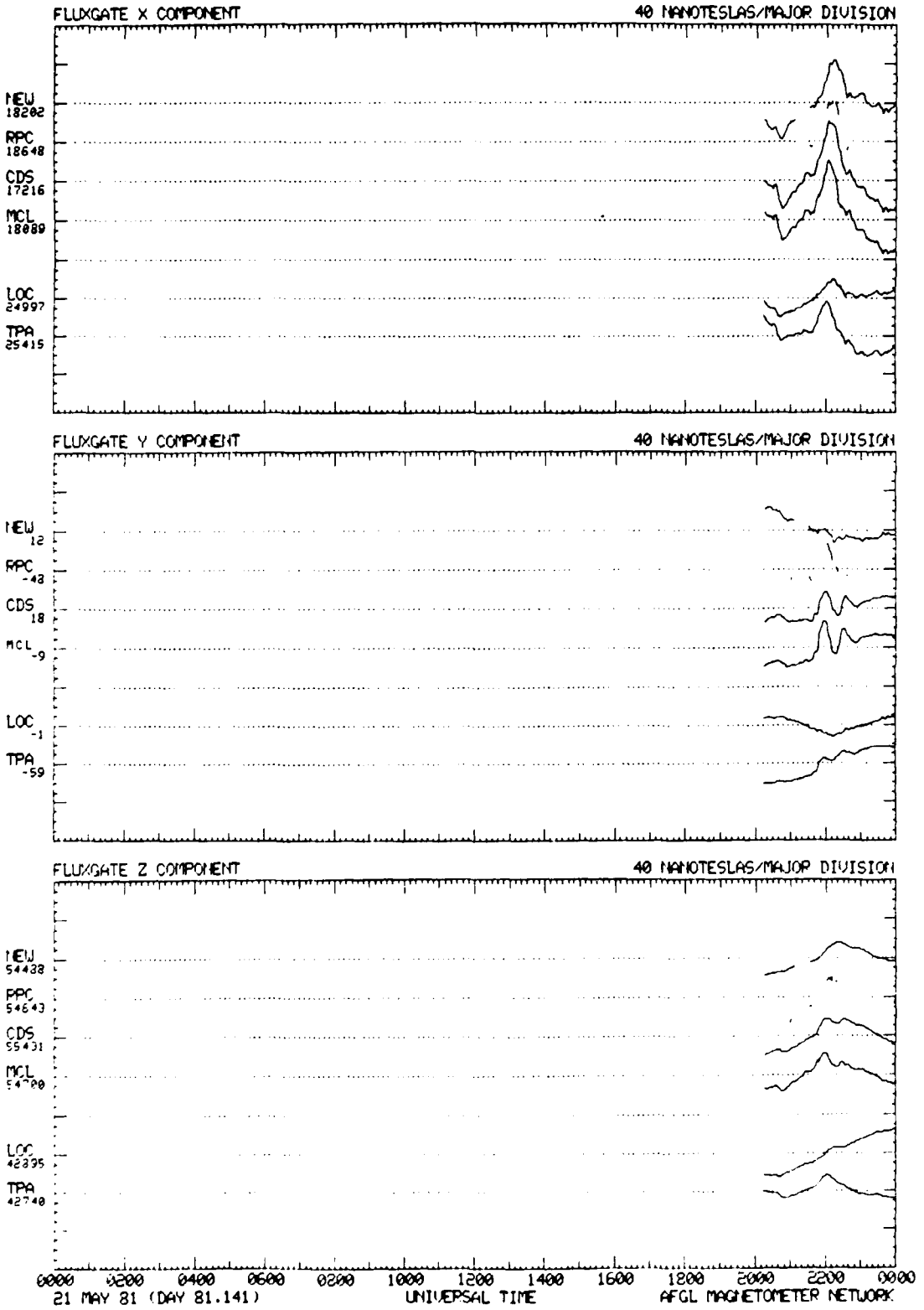
20 MAY 81 (DAY 81.140)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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NEW
18202
RPC
18648
CDS
17216
MCL
18089
LOC
24997
TPA
25415
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12
RPC
-43
CDS
18
MCL
-9
LOC
-1
TPA
-59
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54438
RPC
54643
CDS
55431
MCL
54700
LOC
42395
TPA
42740
0000
0200
0400
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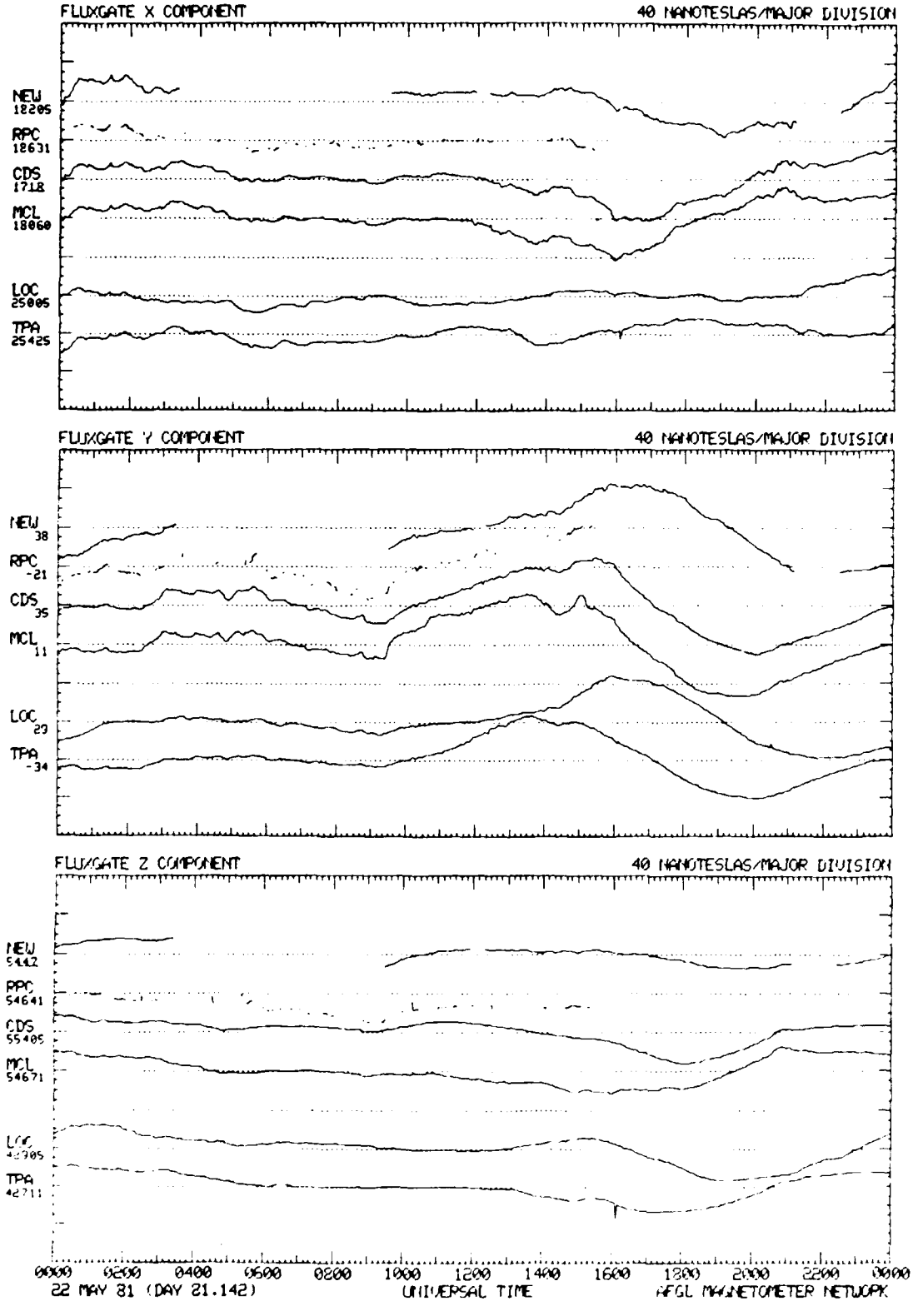
21 MAY 81 (DAY 81.141)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18205
RPC
18631
CDS
1718
MCL
18060
LOC
25005
TPA
25425
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
38
RPC
-21
CDS
35
MCL
11
LOC
29
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54412
RPC
54641
CDS
55405
MCL
54671
TPA
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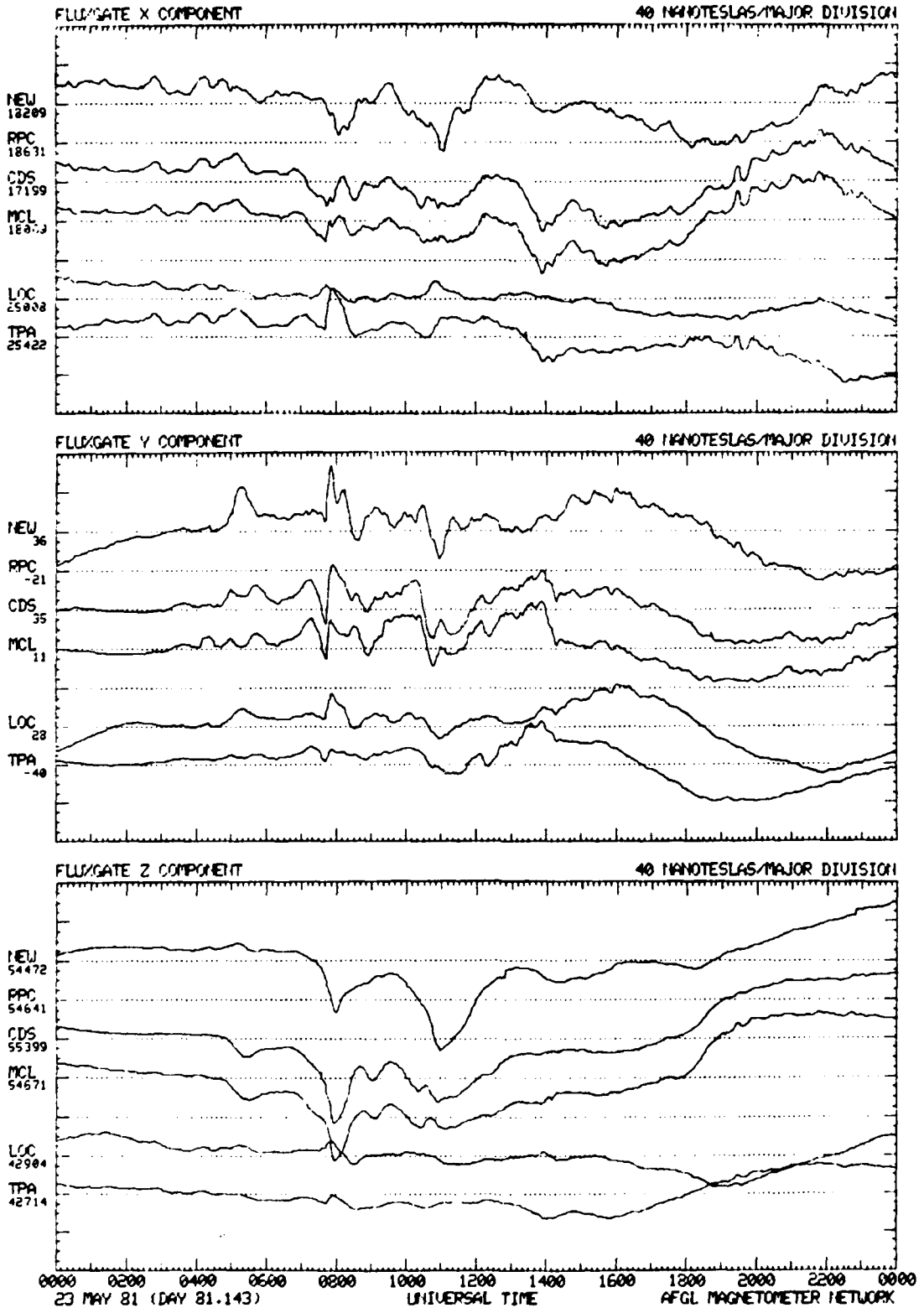
22 MAY 81 (DAY 21.142)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
13209
RPC
18631
CDS
17199
MCL
LOC
25008
TPA
25422
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
36
RPC
-21
CDS
35
MCL
11
LOC
28
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54472
RPC
54641
CDS
55399
MCL
54671
LOC
42904
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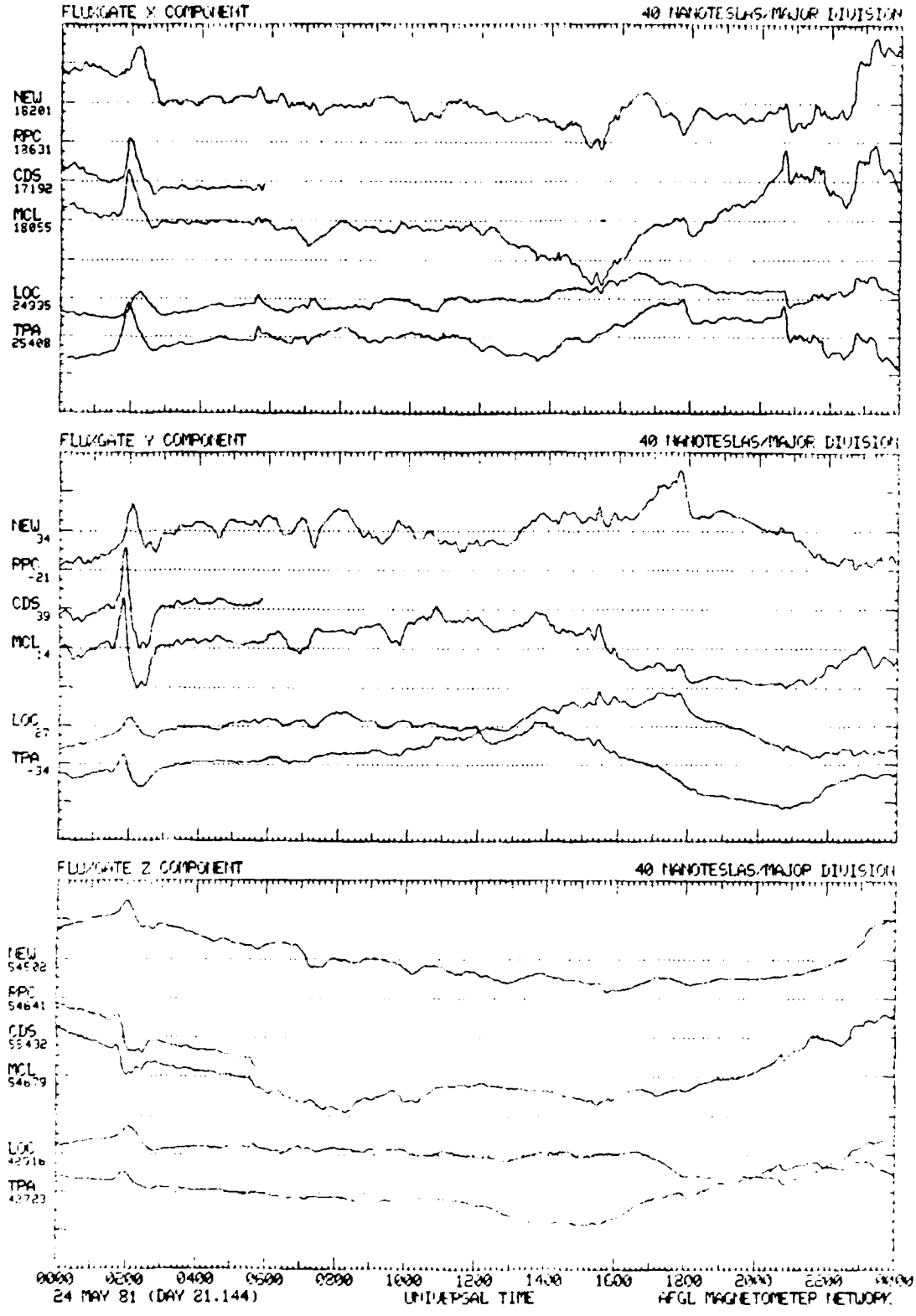
23 MAY 81 (DAY 81.143)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18201
RPC
18631
CDS
17192
MCL
18055
LOC
24935
TPA
25408
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
34
RPC
-21
CDS
39
MCL
14
LOC
27
TPA
-34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54532
RPC
54641
CDS
55432
MCL
54679
LOC
42516
TPA
42723
0000
0200
0400
0600
0800
1000
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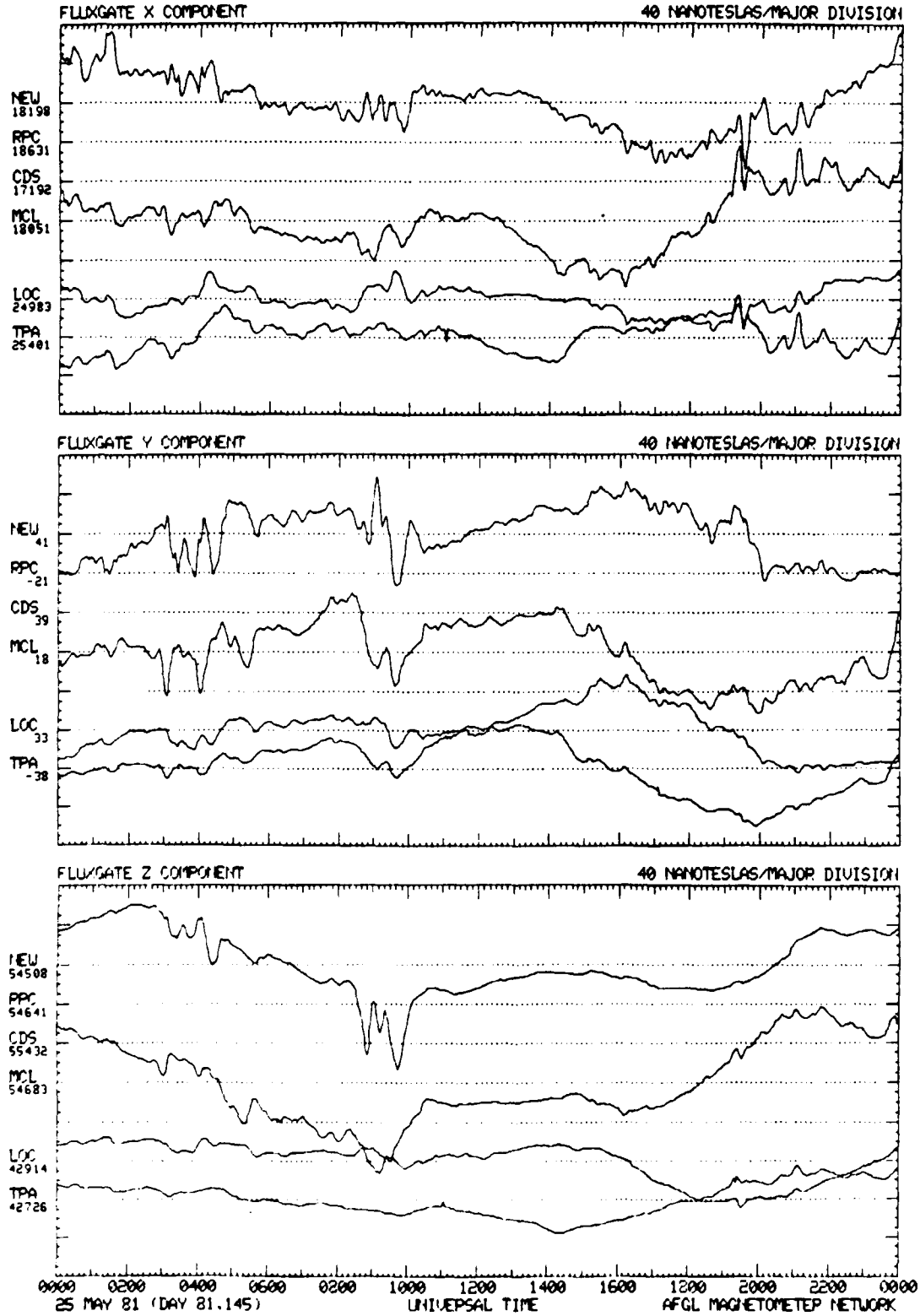
1400
1600
1800
2000
2200
2400
24 MAY 81 (DAY 21.144)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18198
RPC 18631
CDS 17192
MCL 18051
LOC 24983
TPA 25401
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 41
RPC -21
CDS 39
MCL 18
LOC 33
TPA -38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54508
RPC 54641
CDS 55432
MCL 54683
LOC 42914
TPA 42726
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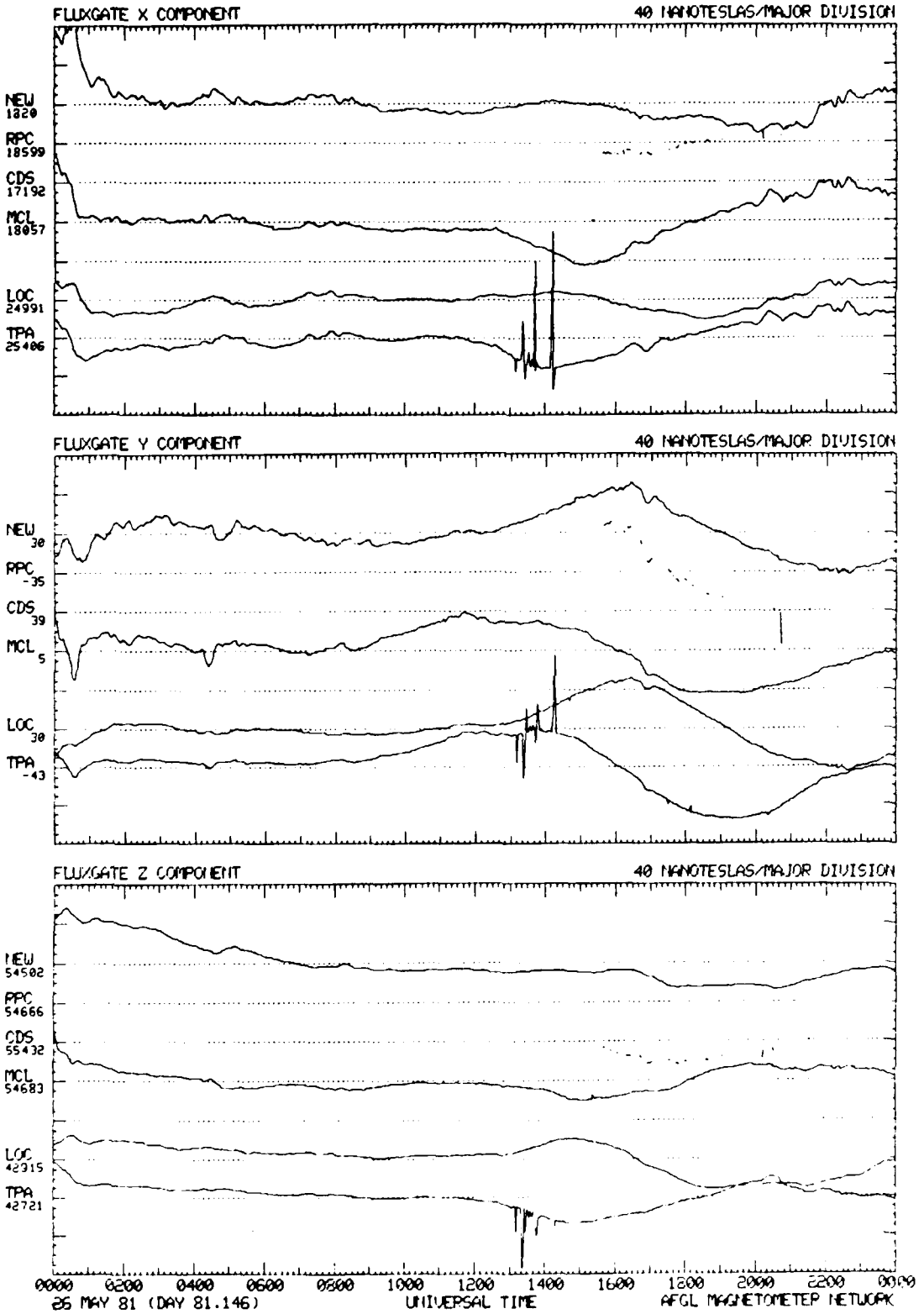
25 MAY 81 (DAY 81.145)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
1820
RPC
18599
CDS
17192
MCL
18057
LOC
24991
TPA
25406
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
30
RPC
-35
CDS
39
MCL
5
LOC
30
TPA
-43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54502
RPC
54666
CDS
55432
MCL
54683
LOC
42915
TPA
42721
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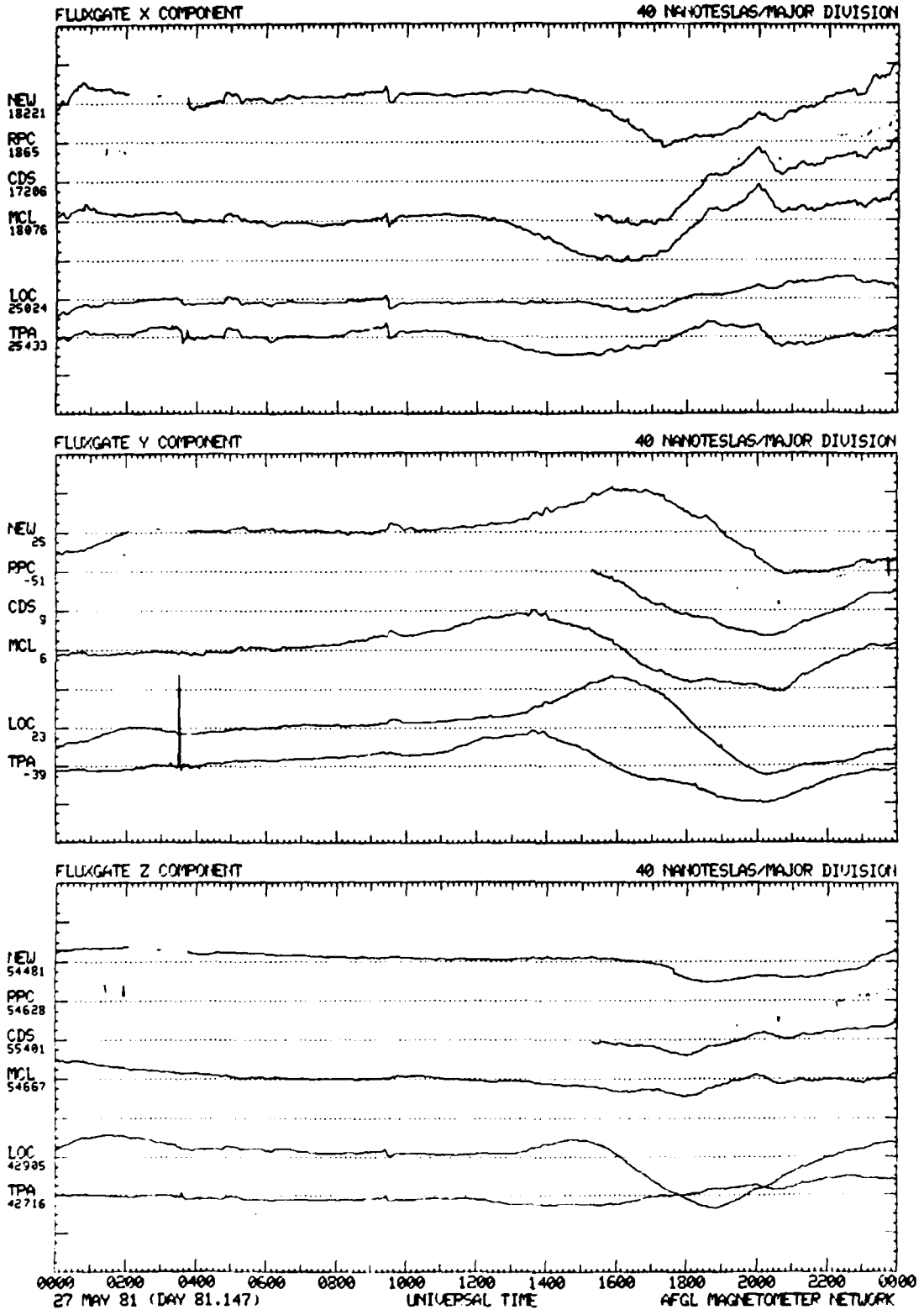
25 MAY 81 (DAY 81.146)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18221
RPC
1865
CDS
17206
MCL
18076
LOC
25024
TPA
25433
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
25
RPC
-51
CDS
9
MCL
6
LOC
23
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54481
RPC
54628
CDS
55401
MCL
54667
LOC
42905
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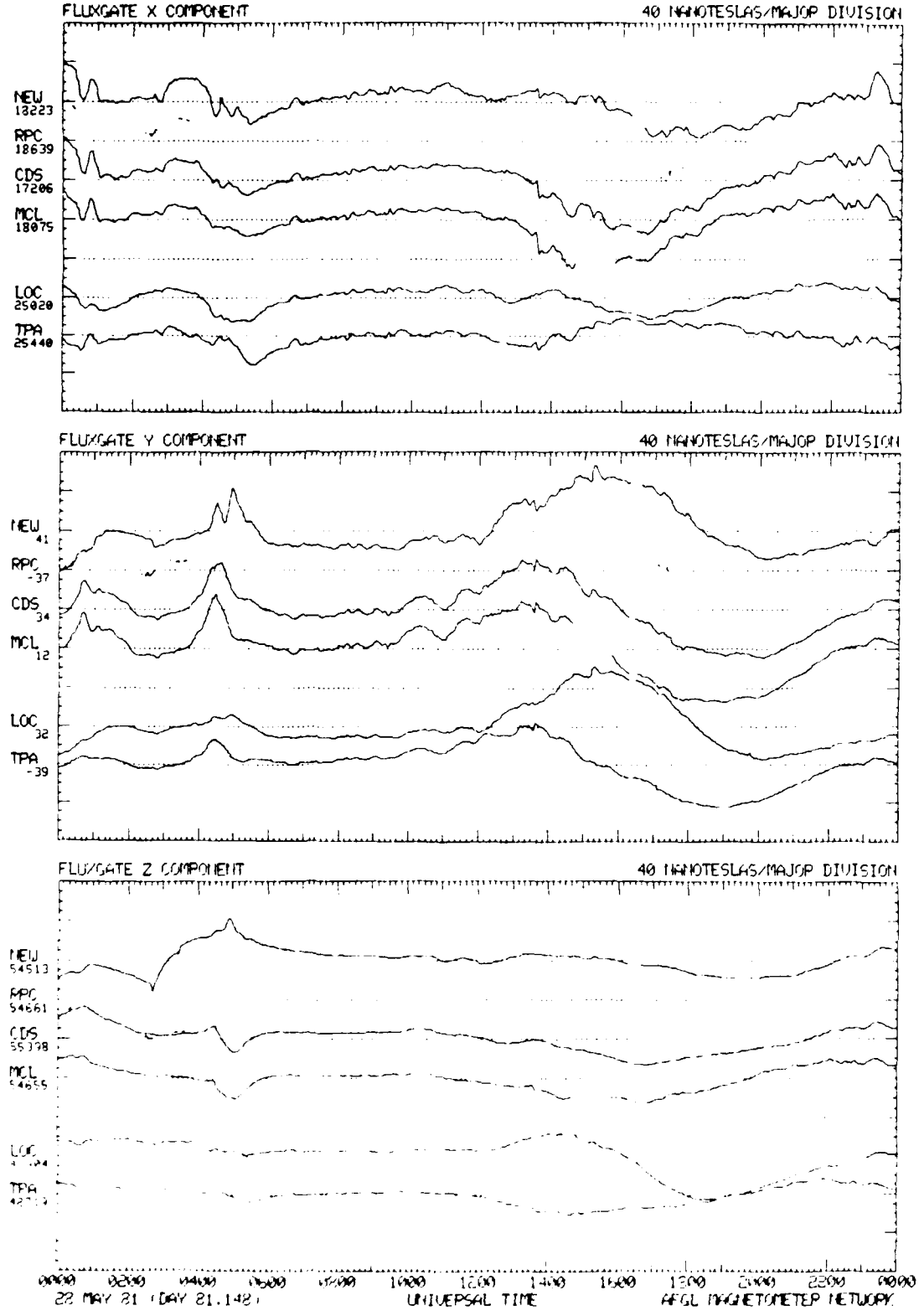
27 MAY 81 (DAY 81.147)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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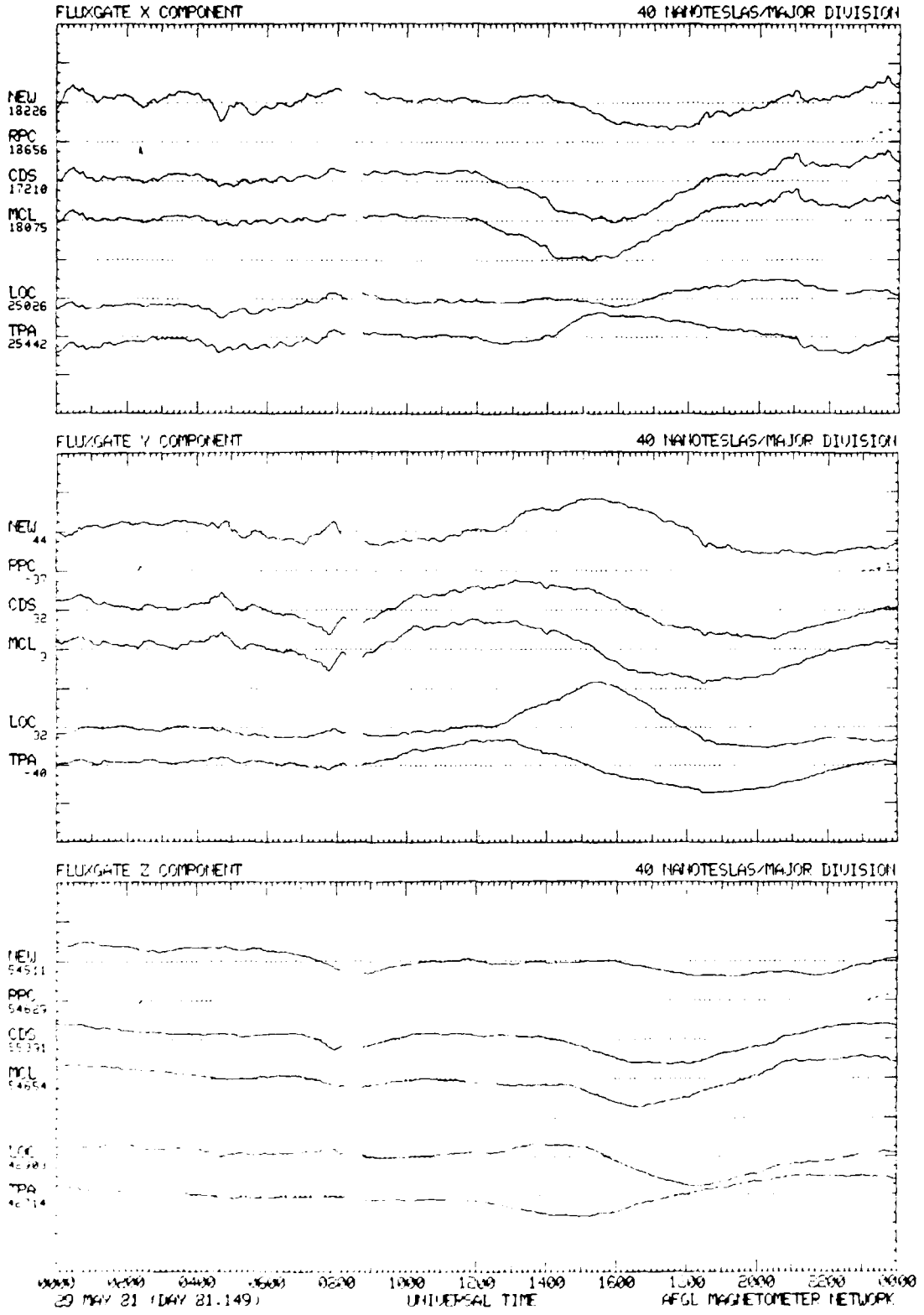
NEW
18223
RPC
18639
CDS
17206
MCL
18075
LOC
25020
TPA
25440
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
41
RPC
-37
CDS
34
MCL
12
LOC
32
TPA
-39
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54513
RPC
54661
CDS
55038
MCL
54655
LOC
TPA
22 MAY 81 (DAY 81.142)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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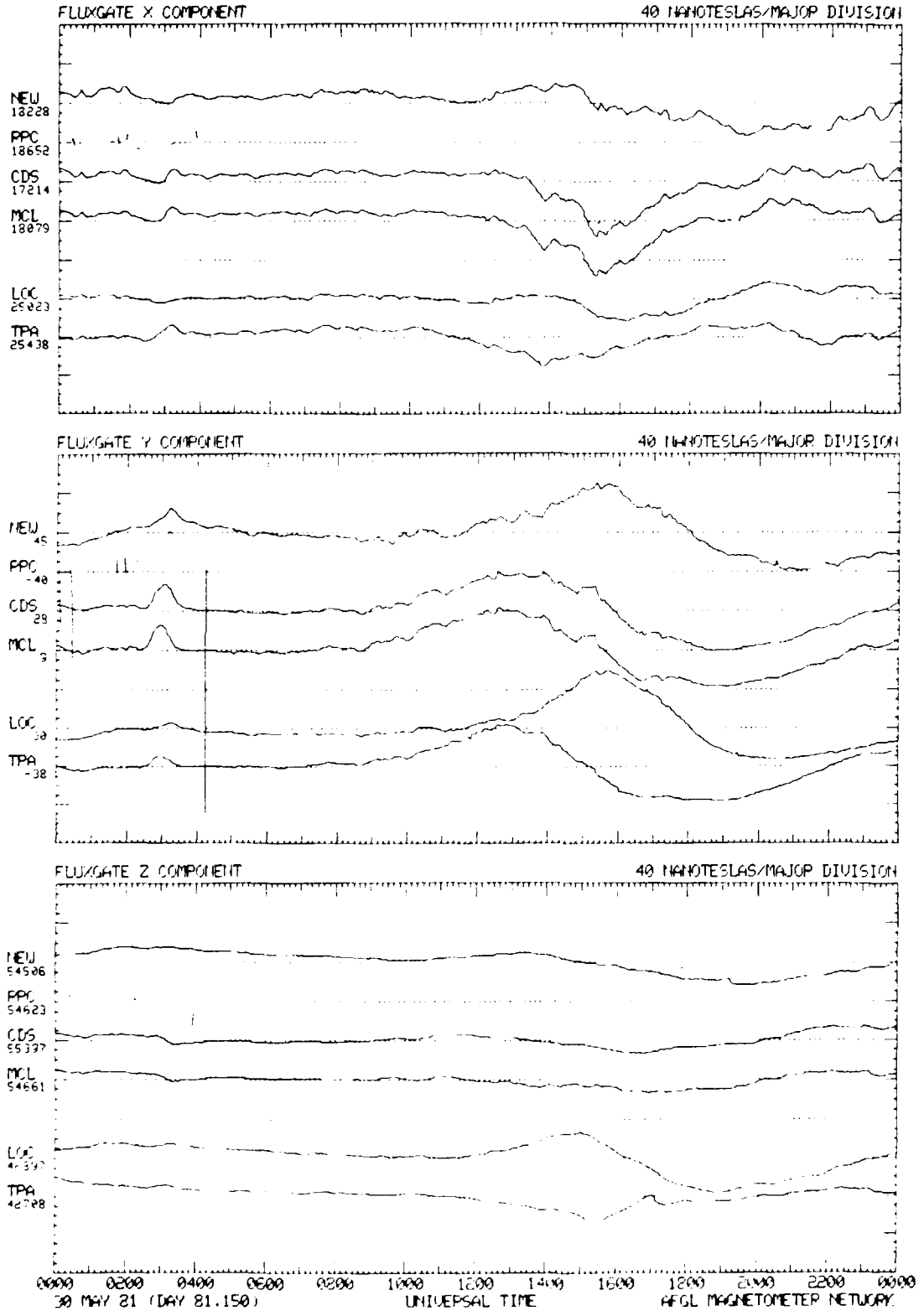
NEW
18226
RPC
18656
CDS
17210
MCL
18075
LOC
25026
TPA
25442
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
44
PPC
-37
CDS
32
MCL
3
LOC
32
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
CDS
MCL
LOC
TPA
0000
0400
0800
1000
1200
1400
1600
2000
29 MAY 81 (DAY 81.149)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18228
PPC
18652
CDS
17214
MCL
18079
LOC
25923
TPA
25438
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
45
PPC
-40
CDS
28
MCL
9
LOC
30
TPA
-38
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
PPC
54623
CDS
55397
MCL
54661
LOC
TPA
42788
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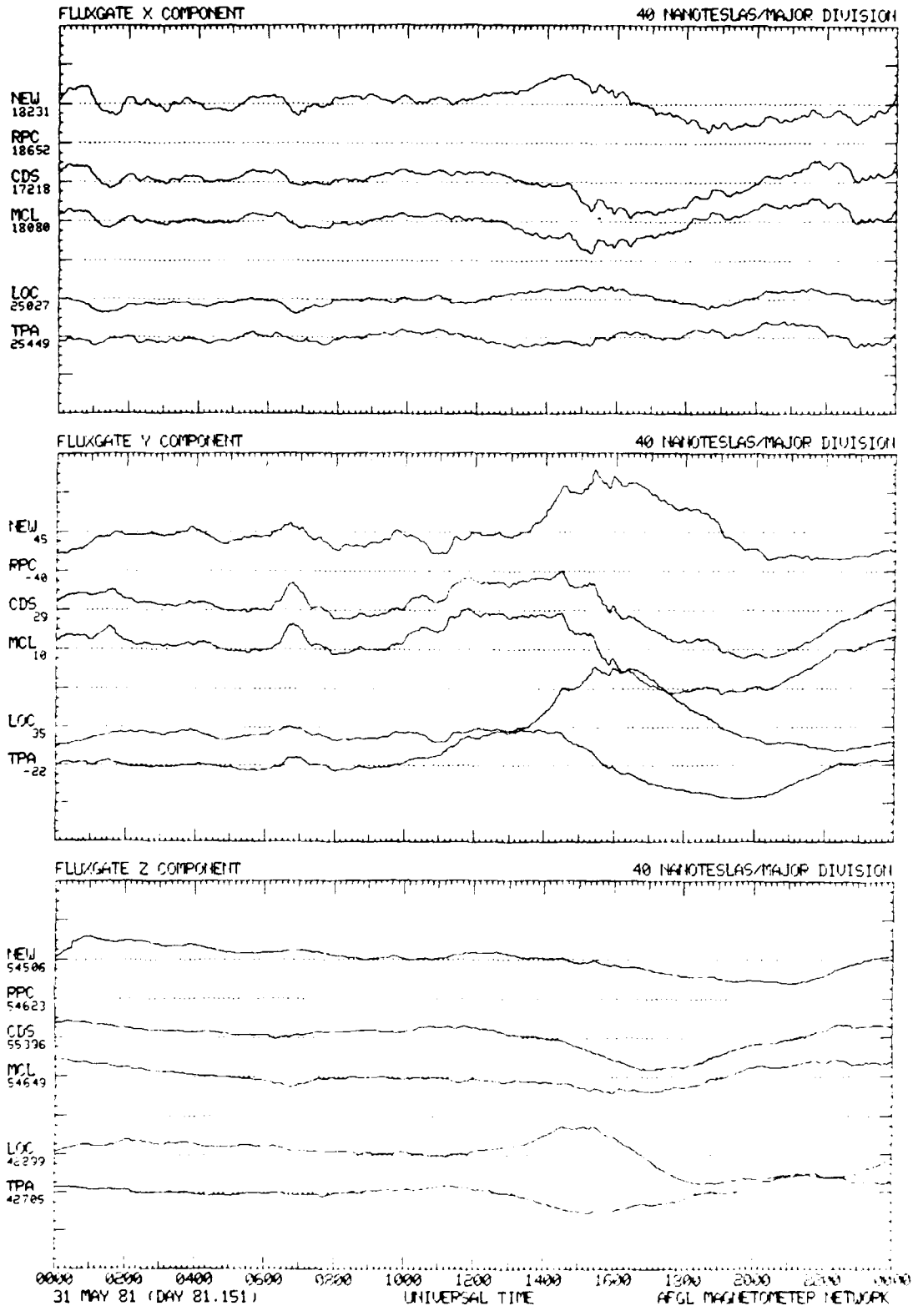
30 MAY 81 (DAY 81.150)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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NEW
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RPC
18652
CDS
17218
MCL
18080
LOC
25027
TPA
25449
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
45
RPC
-40
CDS
29
MCL
10
LOC
35
TPA
-22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
RPC
54623
CDS
55396
MCL
54649
LOC
42299
TPA
42705
0000
0200
0400
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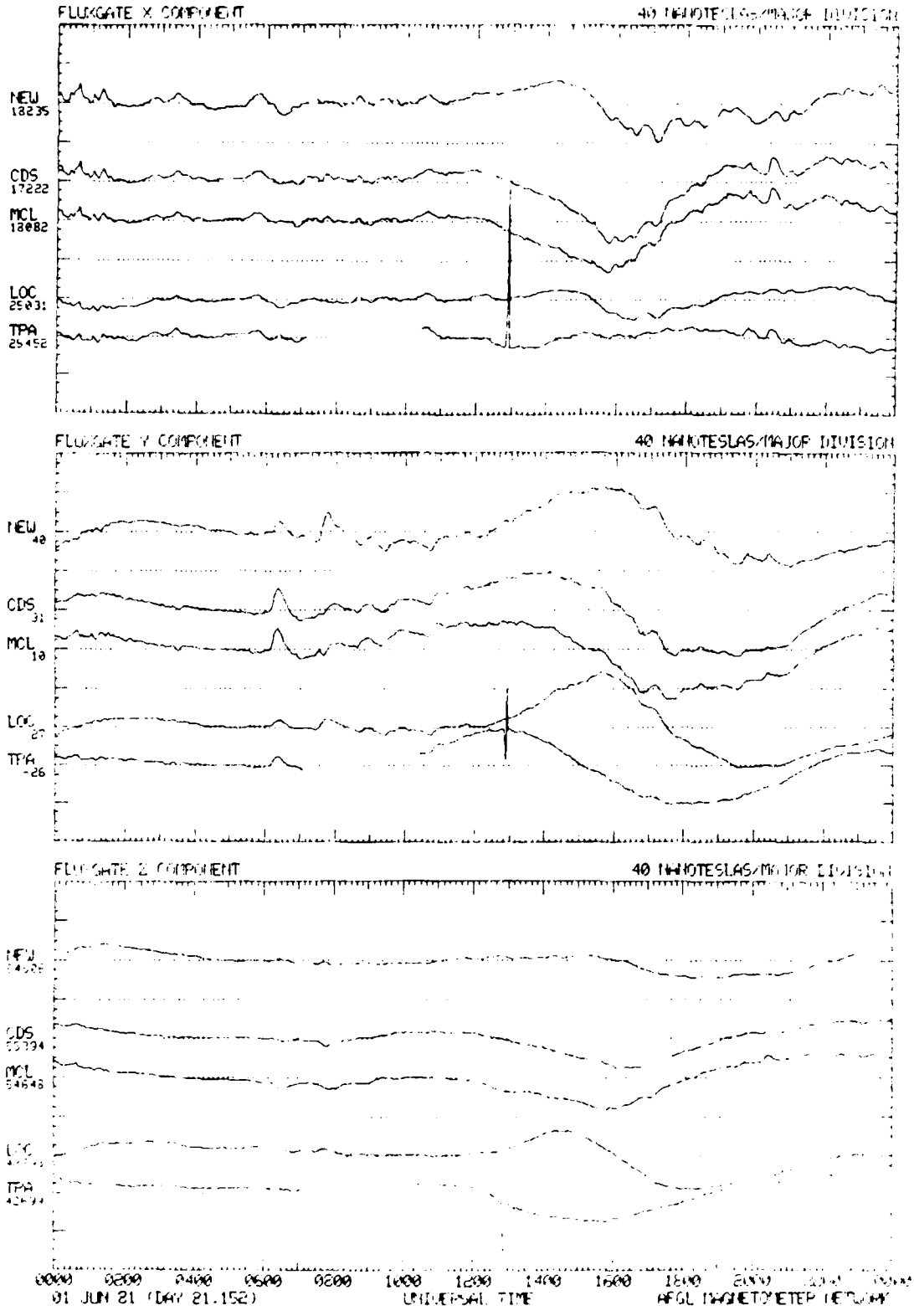
31 MAY 81 (DAY 81.151)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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NEW
18235
CDS
17222
MCL
18082
LOC
25031
TPA
25452
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
40
CDS
31
MCL
10
LOC
27
TPA
-26
FLUXGATE Z COMPONENT
NEW
CDS
MCL
54648
LOC
TPA
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0200
0400
0600
0800
1000
1200
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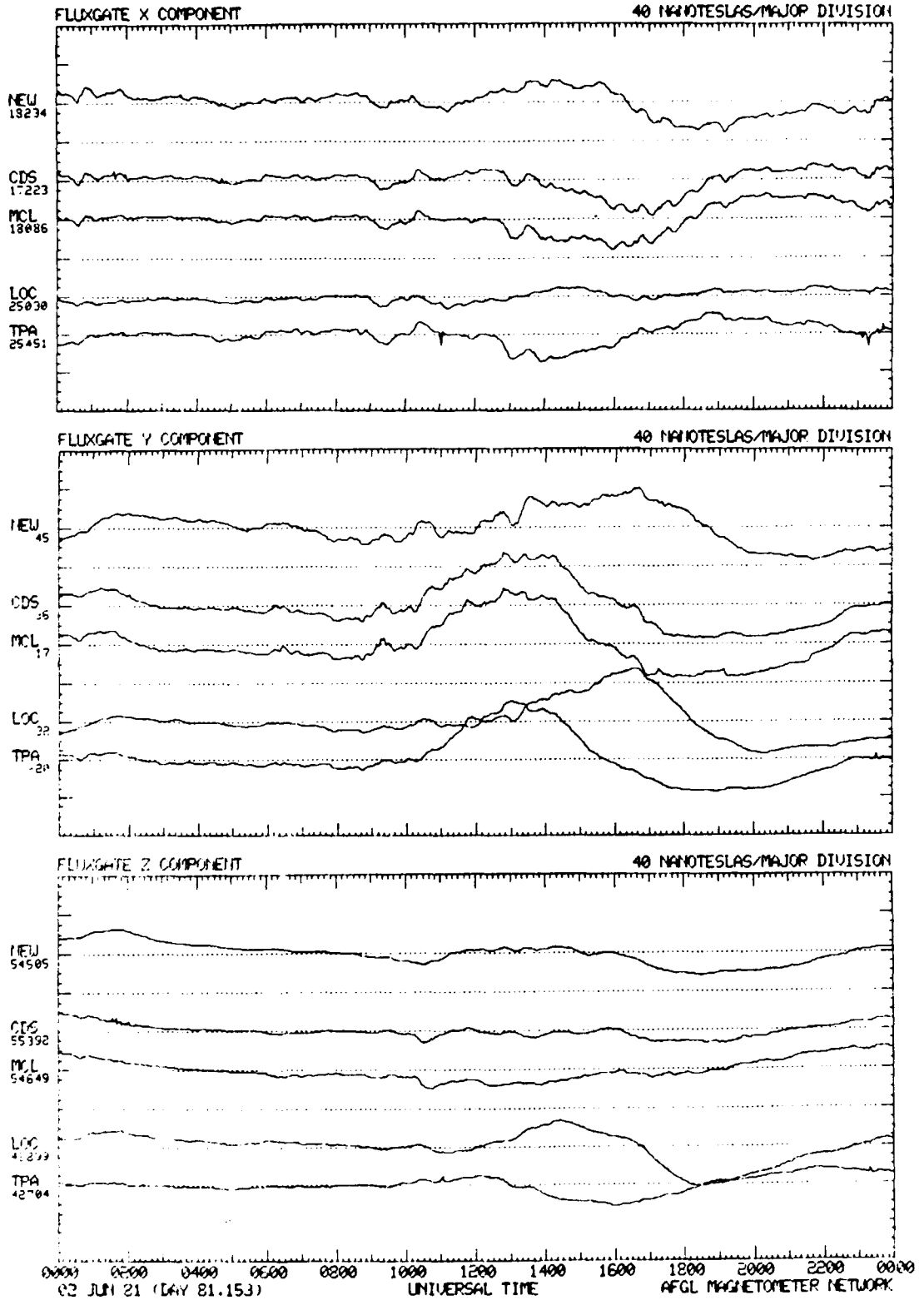
1600
1800
01 JUN 81 (DAY 21.152)
UNIVERSAL TIME


FLUXGATE X COMPONENT
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NEW
19234
CDS
17223
MCL
18086
LOC
25030
TPA
25451
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
45
CDS
35
MCL
17
LOC
32
TPA
28
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54505
CDS
55392
MCL
54649
LOC
TPA
42704
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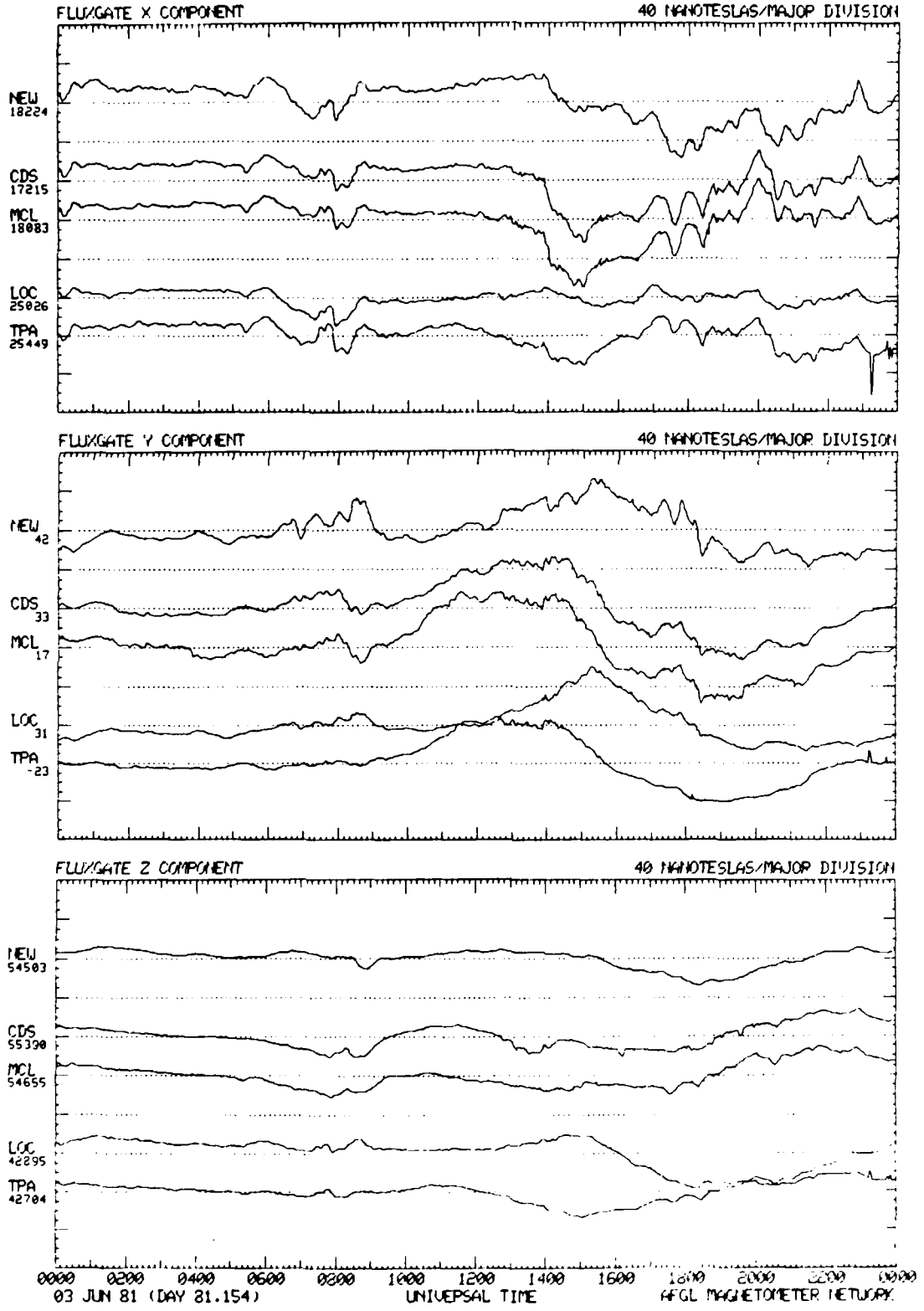
82 JUN 21 (DAY 81.153)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18224
CDS
17215
MCL
18083
LOC
25026
TPA
25449
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
42
CDS
33
MCL
17
LOC
31
TPA
-23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54503
CDS
55390
MCL
54655
LOC
42895
TPA
42704
0000
0200
0400
0600
0800
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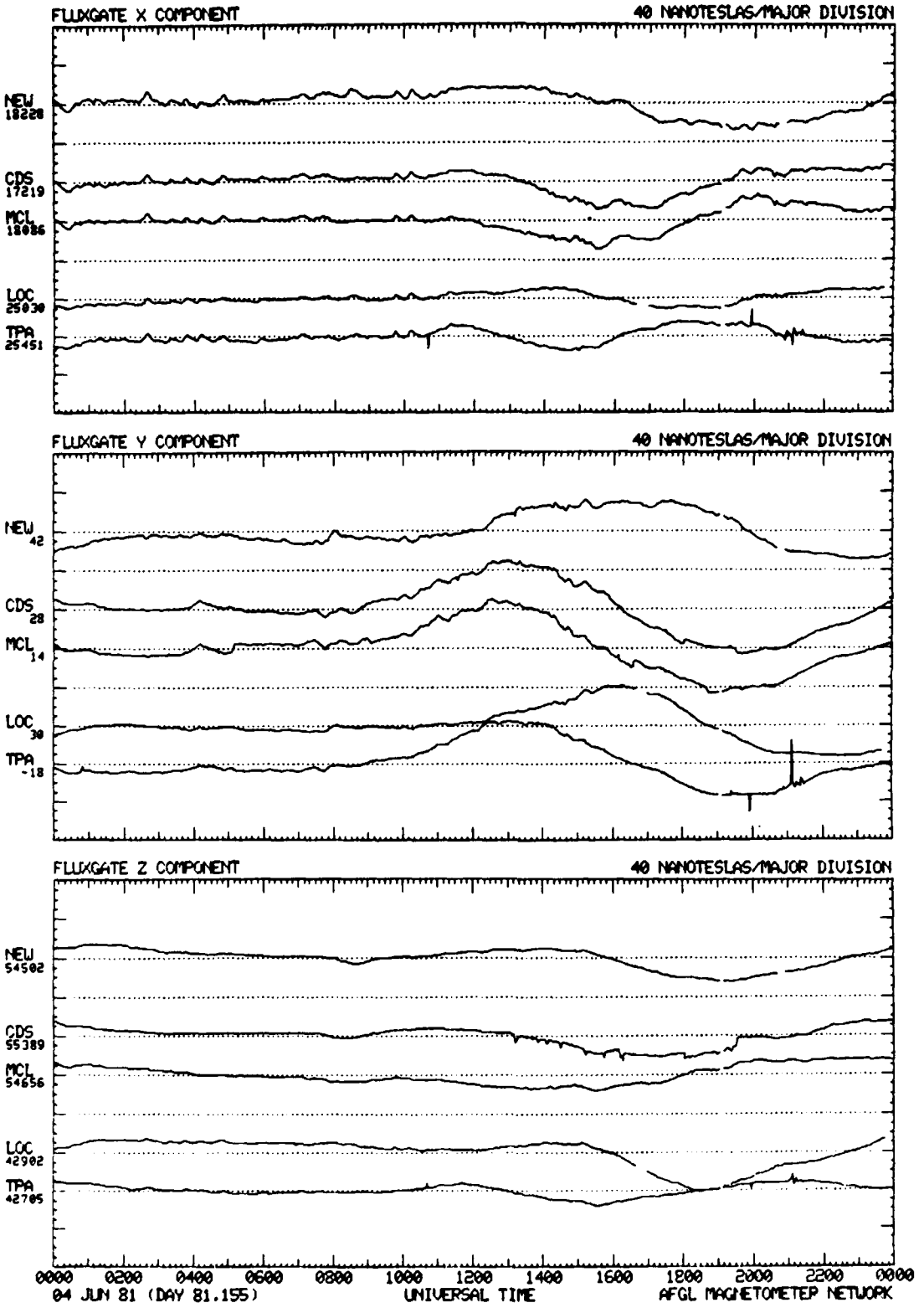
1800
2000
2200
0000
03 JUN 81 (DAY 81.154)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18228
CDS
17219
MCL
18086
LOC
25030
TPA
25451
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
42
CDS
28
MCL
14
LOC
30
TPA
-18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54502
CDS
55389
MCL
54656
LOC
42902
TPA
42705
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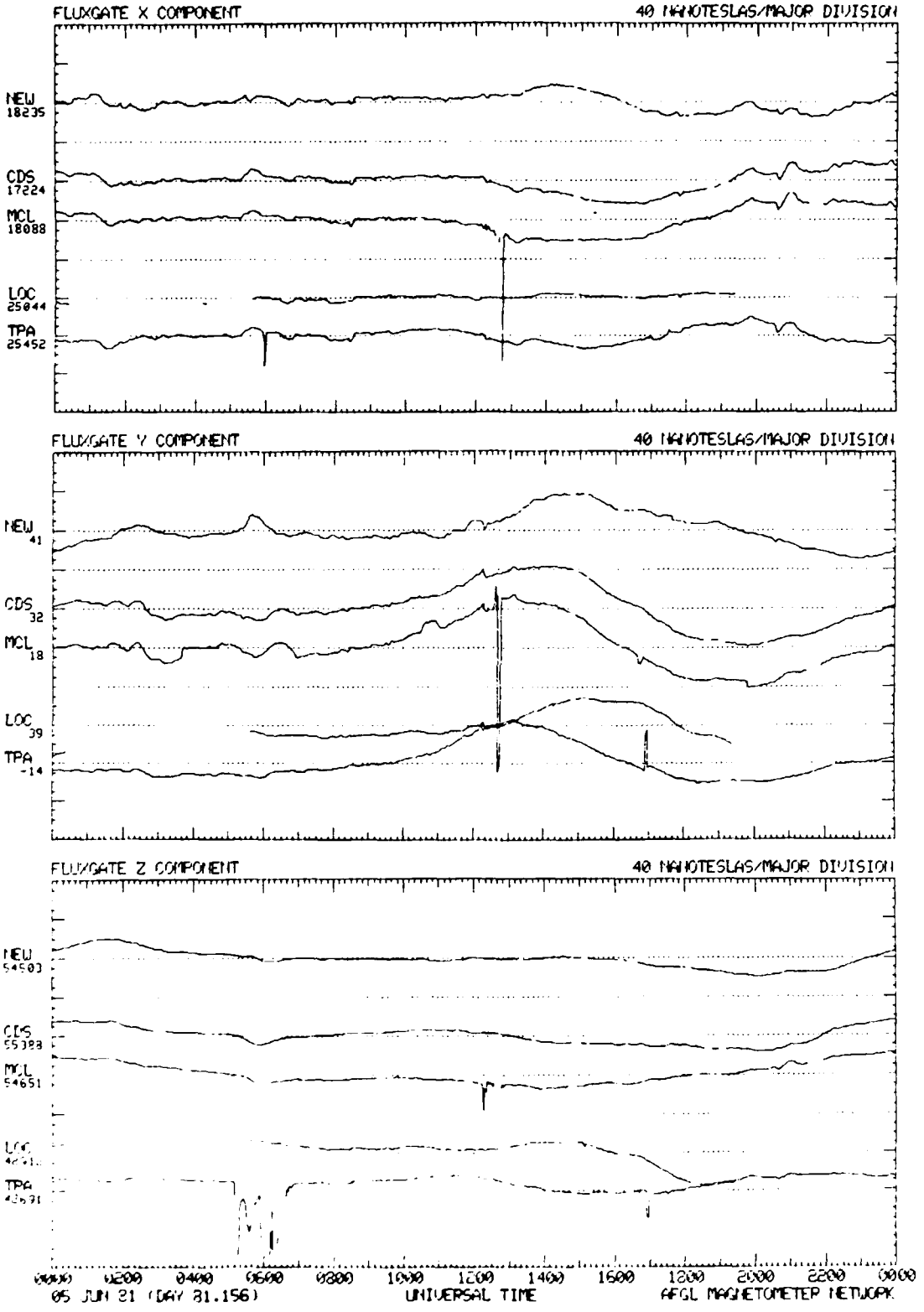
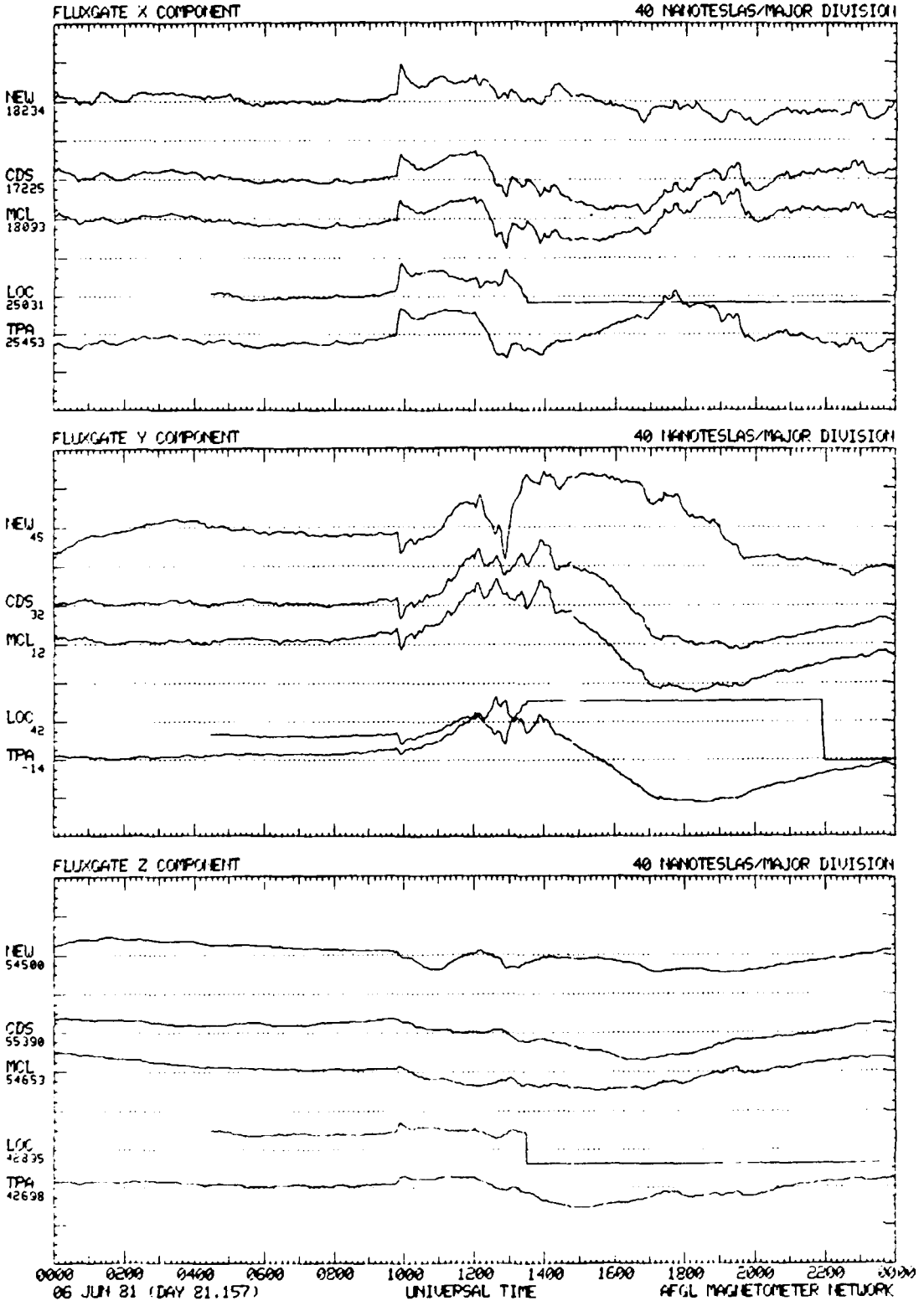
04 JUN 81 (DAY 81.155)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18235
CDS
17224
MCL
18088
LOC
25044
TPA
25452
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
41
CDS
32
MCL
18
LOC
39
TPA
-14
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54503
CDS
55388
MCL
54651
TPA
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 JUN 81 (DAY 81.156)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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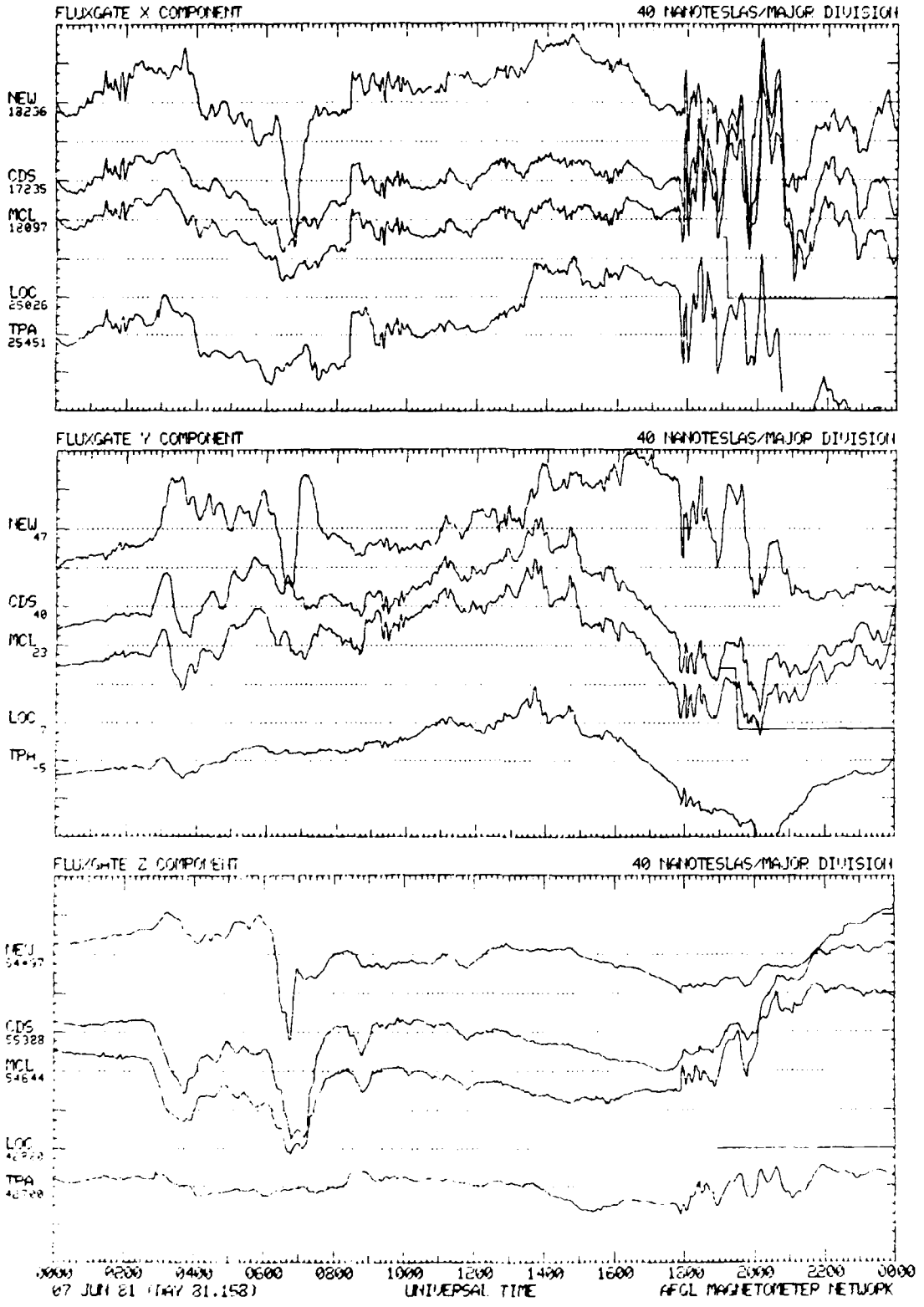
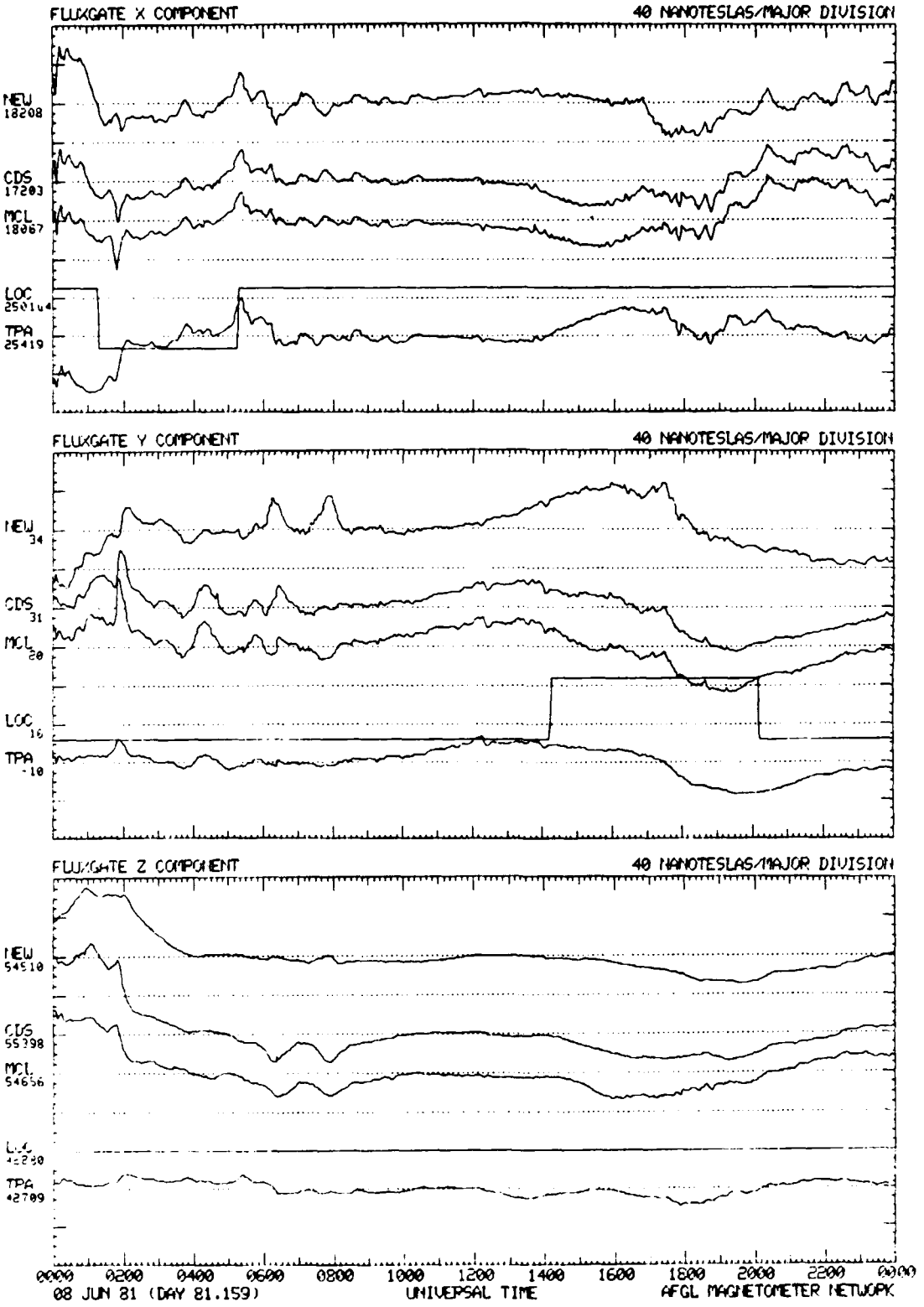
NEW
18234
CDS
17225
MCL
18093
LOC
25031
TPA
25453
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
45
CDS
32
MCL
12
LOC
42
TPA
-14
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54500
CDS
55390
MCL
54653
LOC
42835
TPA
42698
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 JUN 81 (DAY 81.157)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
CDS
17235
MCL
12097
LOC
25026
TPA
25451
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
47
CDS
40
MCL
23
LOC
7
TPH
-5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54497
CDS
55328
MCL
54644
LOC
TPA
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
07 JUN 81 (MAY 31.158)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18208
CDS
17203
MCL
18067
LOC
25019
TPA
25419
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
34
CDS
31
MCL
20
LOC
16
TPA
-10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54510
CDS
55398
MCL
54656
LOC
42709
TPA
42709
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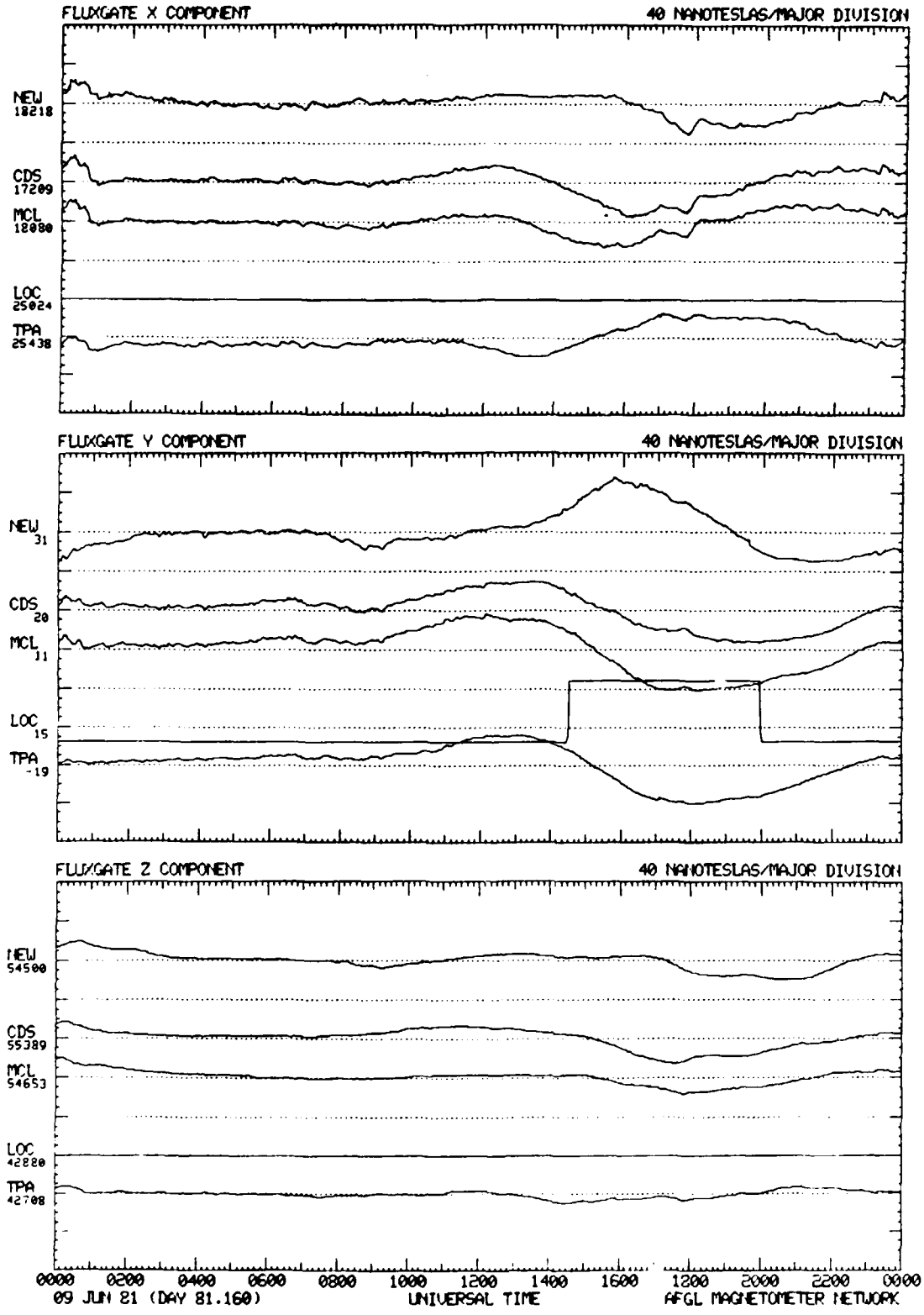
08 JUN 81 (DAY 81.159)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18218
CDS
17209
MCL
12080
LOC
25024
TPA
25438
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
CDS
20
MCL
11
LOC
15
TPA
-19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54500
CDS
55389
MCL
54653
LOC
42880
TPA
42708
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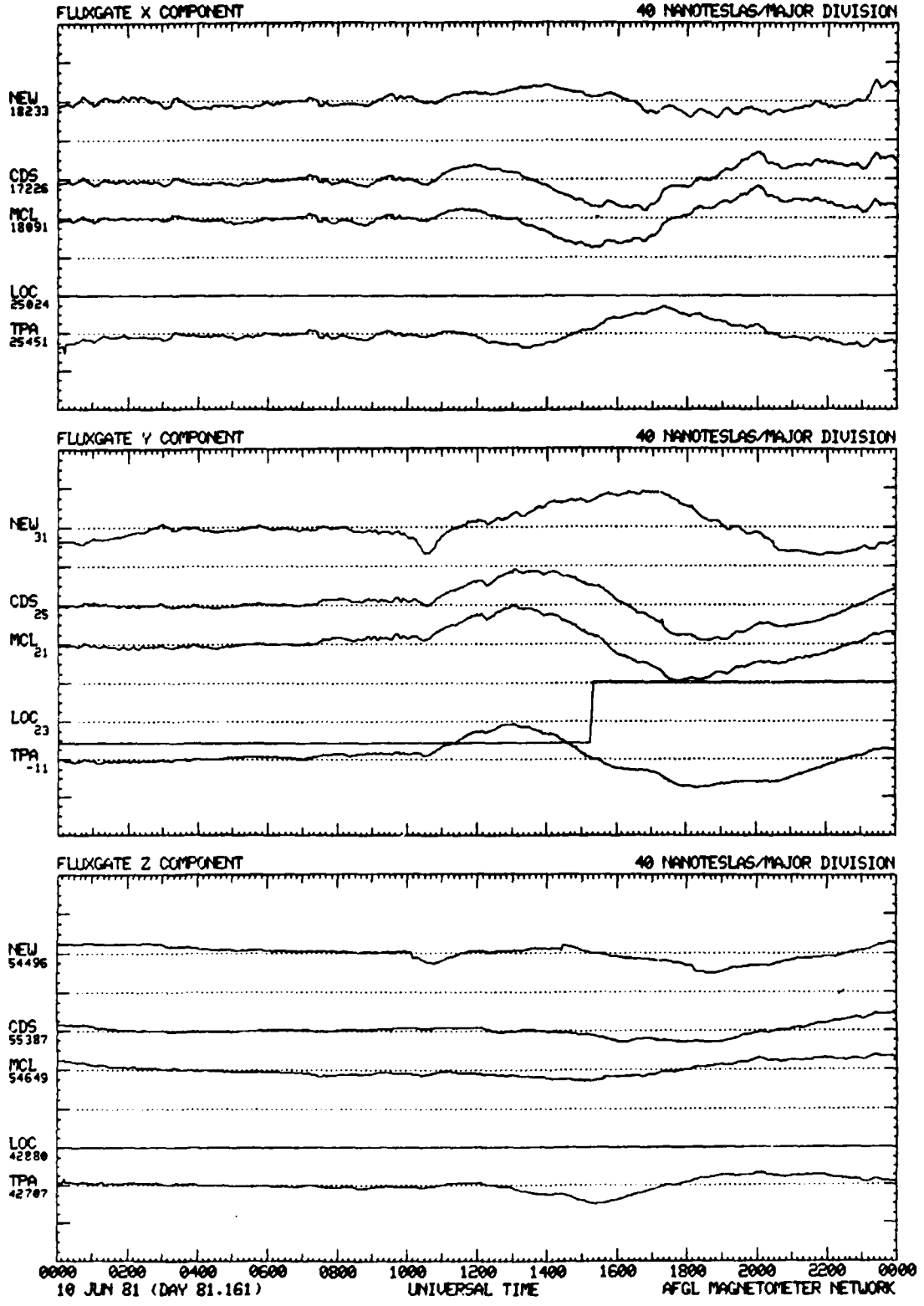
09 JUN 81 (DAY 81.160)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18233
CDS
17226
MCL
18091
LOC
25024
TPA
25451
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
CDS
25
MCL
21
LOC
23
TPA
-11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54496
CDS
55387
MCL
54649
LOC
42880
TPA
42707
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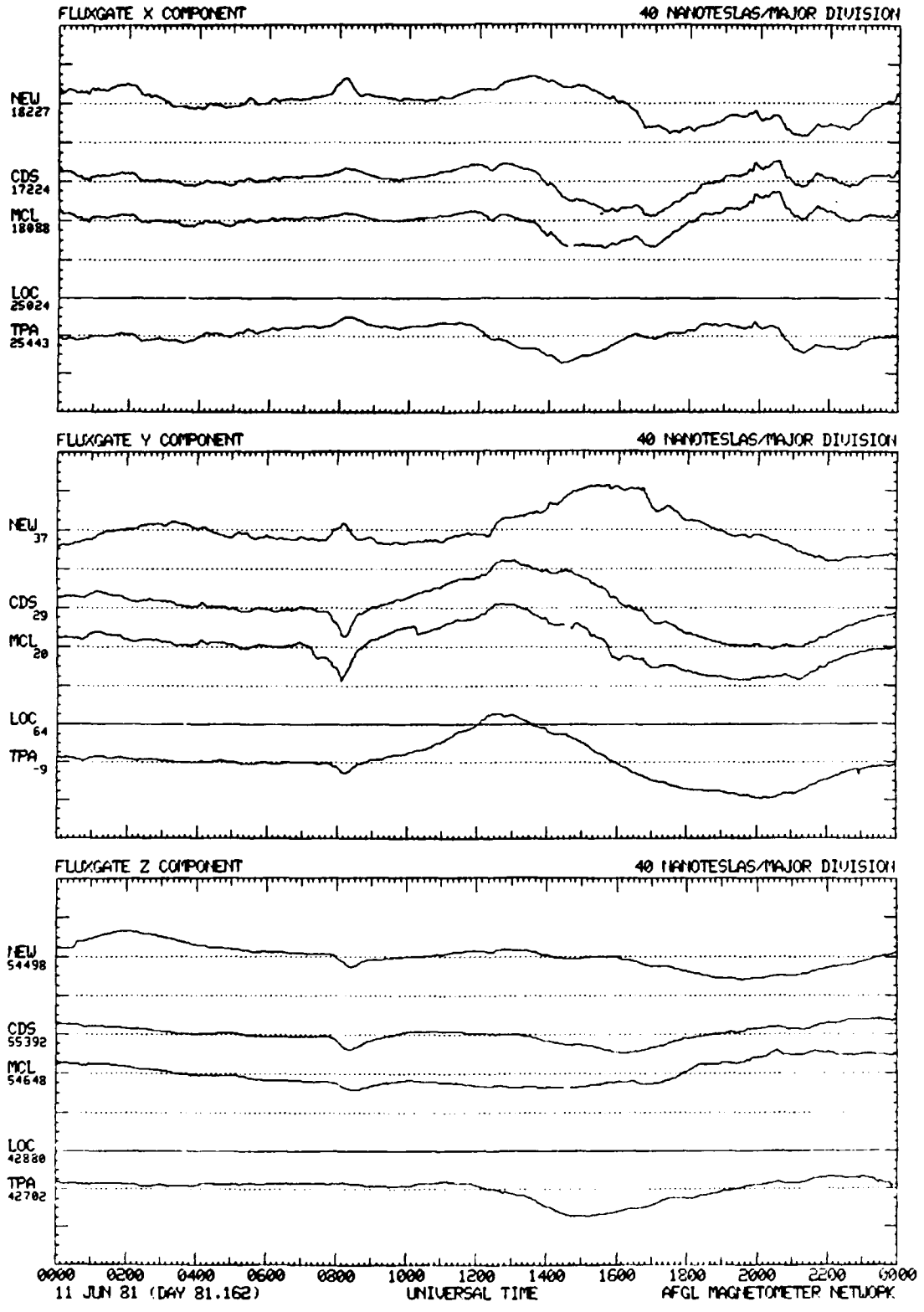
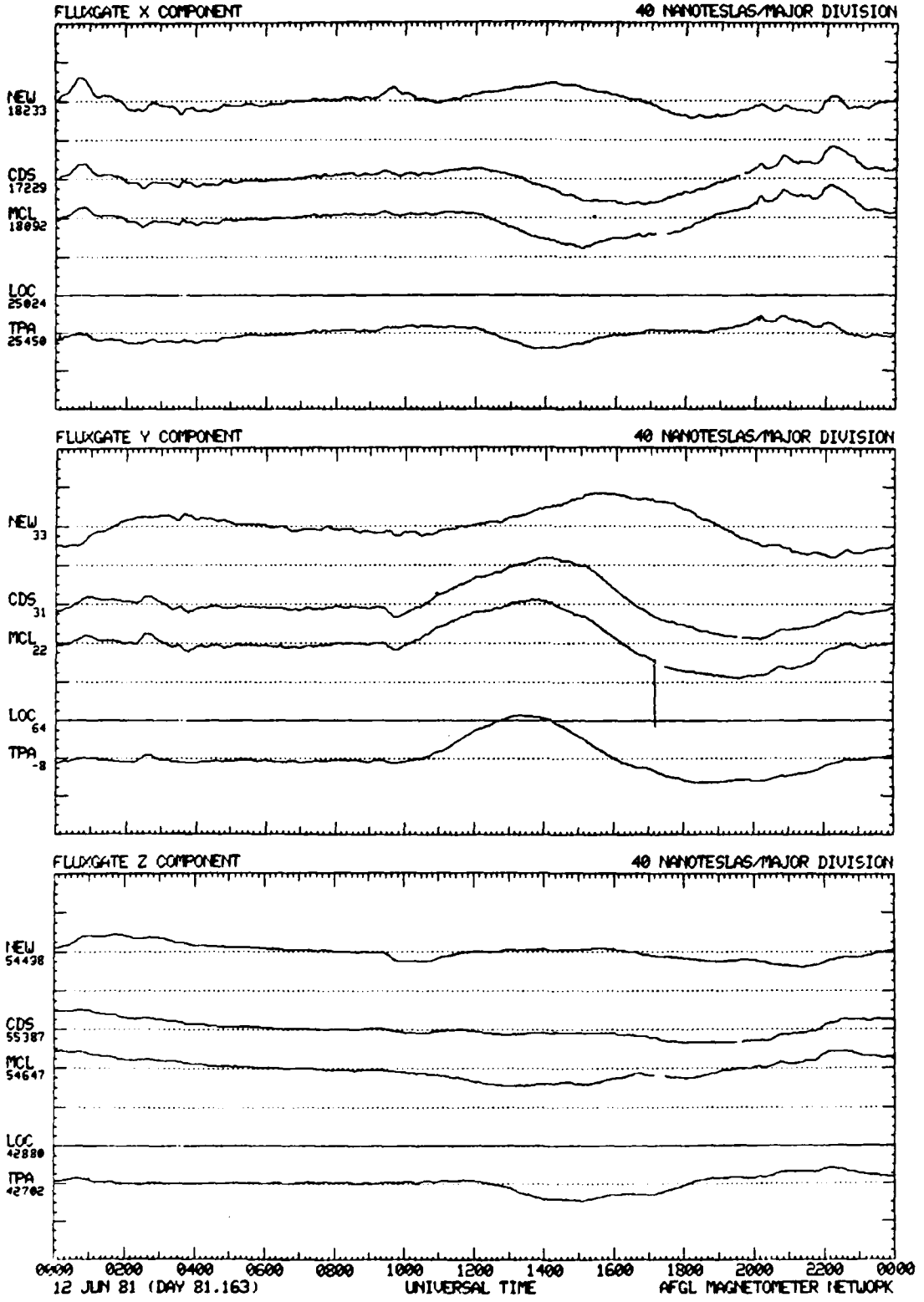
10 JUN 81 (DAY 81.161)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18227
CDS
17224
MCL
18088
LOC
25024
TPA
25443
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
37
CDS
29
MCL
20
LOC
64
TPA
-9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54498
CDS
55392
MCL
54648
LOC
42880
TPA
42702
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 JUN 81 (DAY 81.162)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18233
CDS
17229
MCL
18052
LOC
25024
TPA
25450
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
33
CDS
31
MCL
22
LOC
64
TPA
-8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54498
CDS
55387
MCL
54647
LOC
42880
TPA
42702
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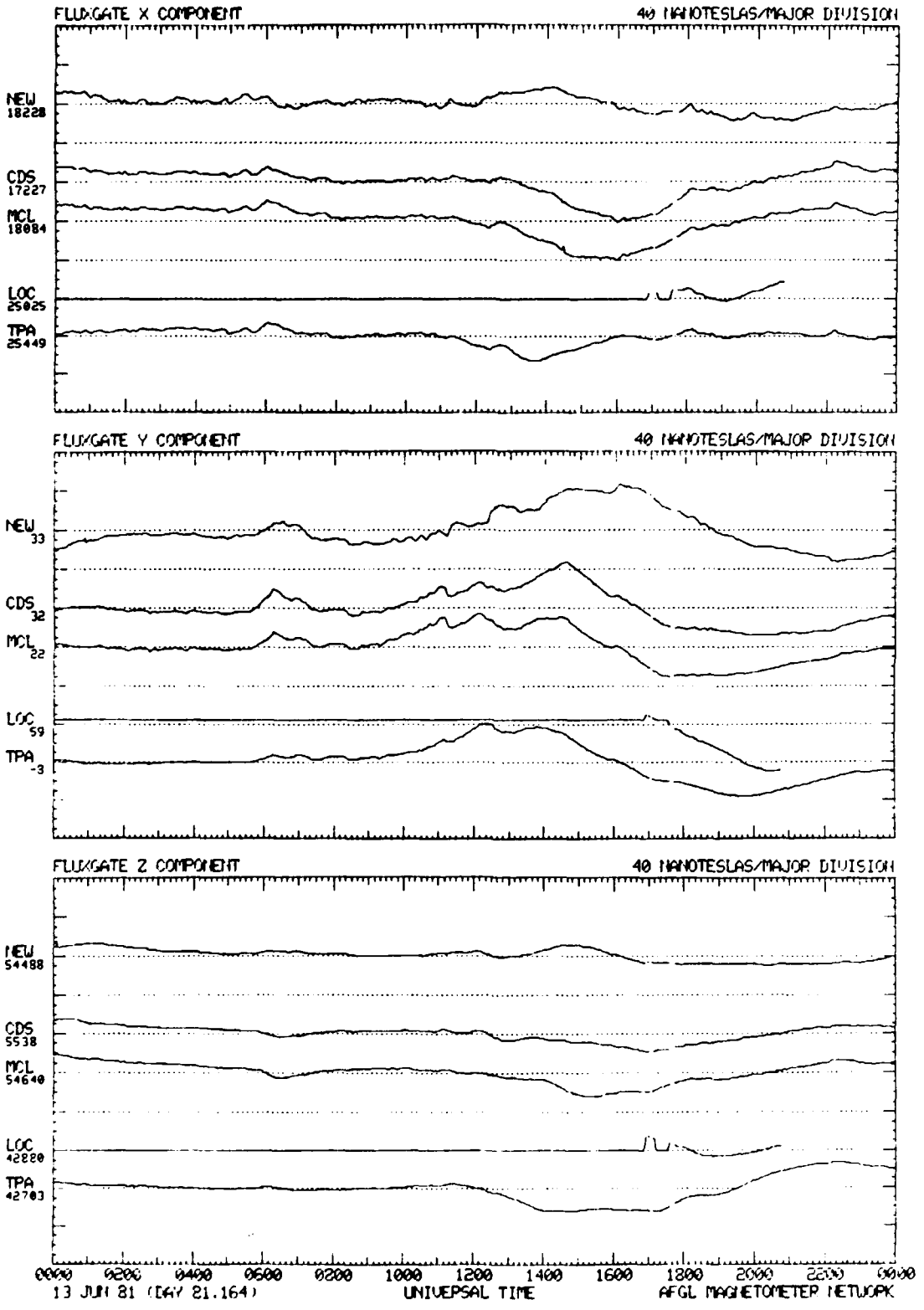
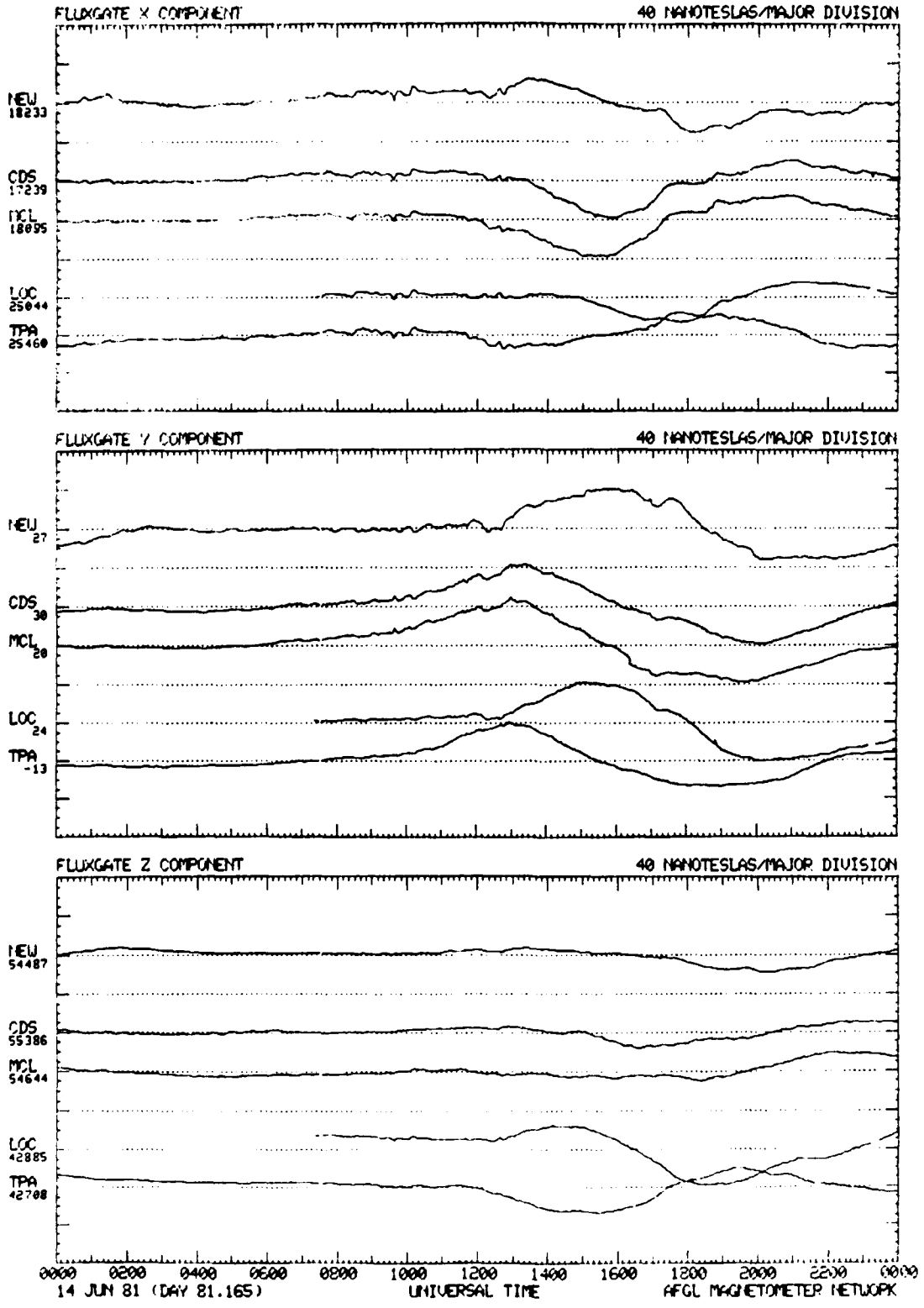
12 JUN 81 (DAY 81.163)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18228
CDS
17227
MCL
18084
LOC
25025
TPA
25449
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
33
CDS
32
MCL
22
LOC
59
TPA
-3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54488
CDS
5538
MCL
54640
LOC
42880
TPA
42703
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
13 JUN 81 (DAY 81.164)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18233
CDS
17239
MCL
18095
LOC
25044
TPA
25460
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
27
CDS
30
MCL
20
LOC
24
TPA
-13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54487
CDS
55386
MCL
54644
LOC
42885
TPA
42708
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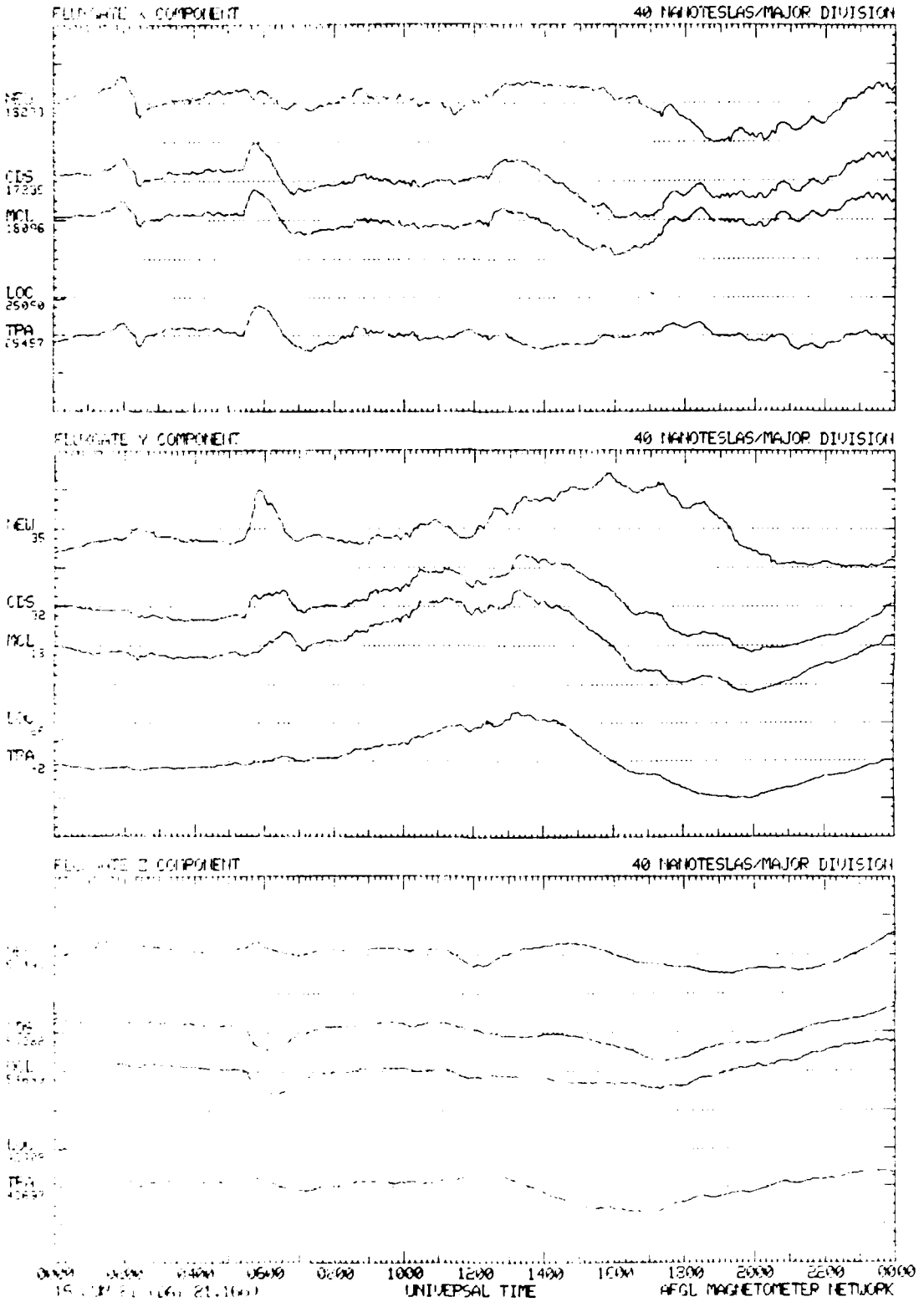
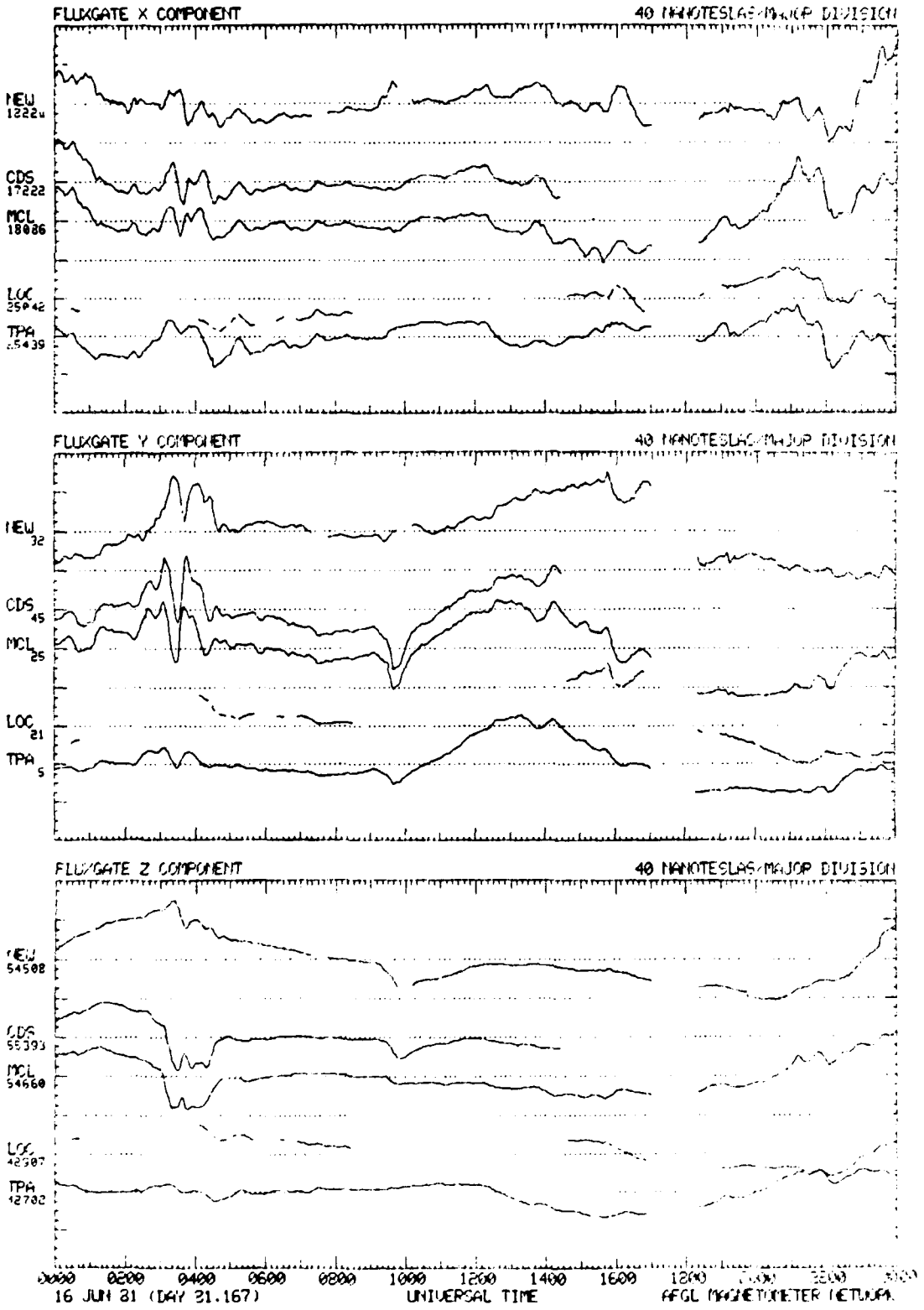
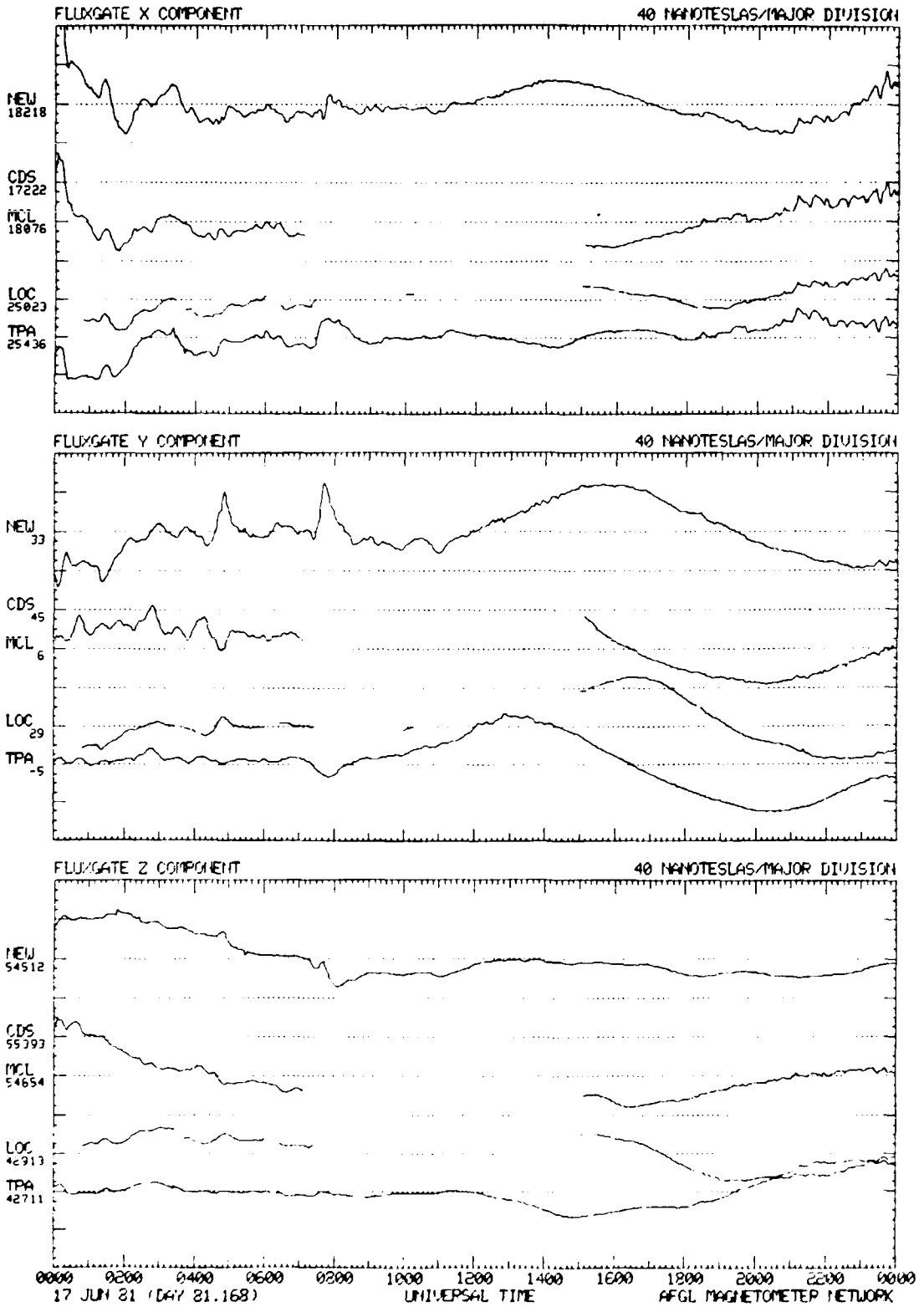
14 JUN 81 (DAY 81.165)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


40 NANOTESLAS/MAJOR DIVISION
40 NANOTESLAS/MAJOR DIVISION
40 NANOTESLAS/MAJOR DIVISION
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1222u
CDS
17222
MCL
18086
LOC
25042
TPA
25439
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
32
CDS
45
MCL
25
LOC
21
TPA
5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54508
CDS
55393
MCL
54660
LOC
42307
TPA
42702
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
16 JUN 81 (DAY 21.167)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18218
CDS
17222
MCL
18076
LOC
25023
TPA
25436
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
33
CDS
45
MCL
6
LOC
29
TPA
-5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54512
CDS
55793
MCL
54654
LOC
42913
TPA
42711
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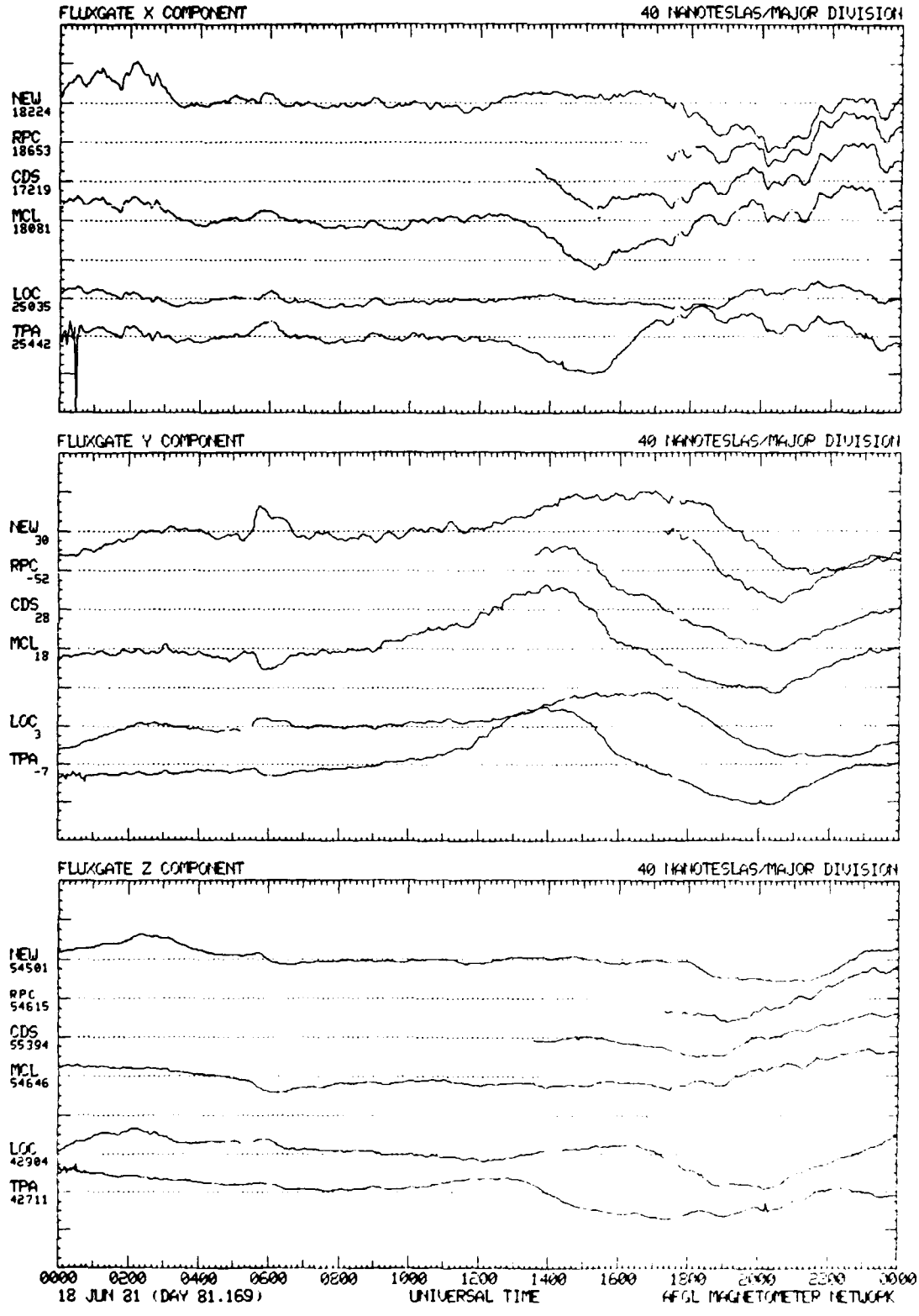
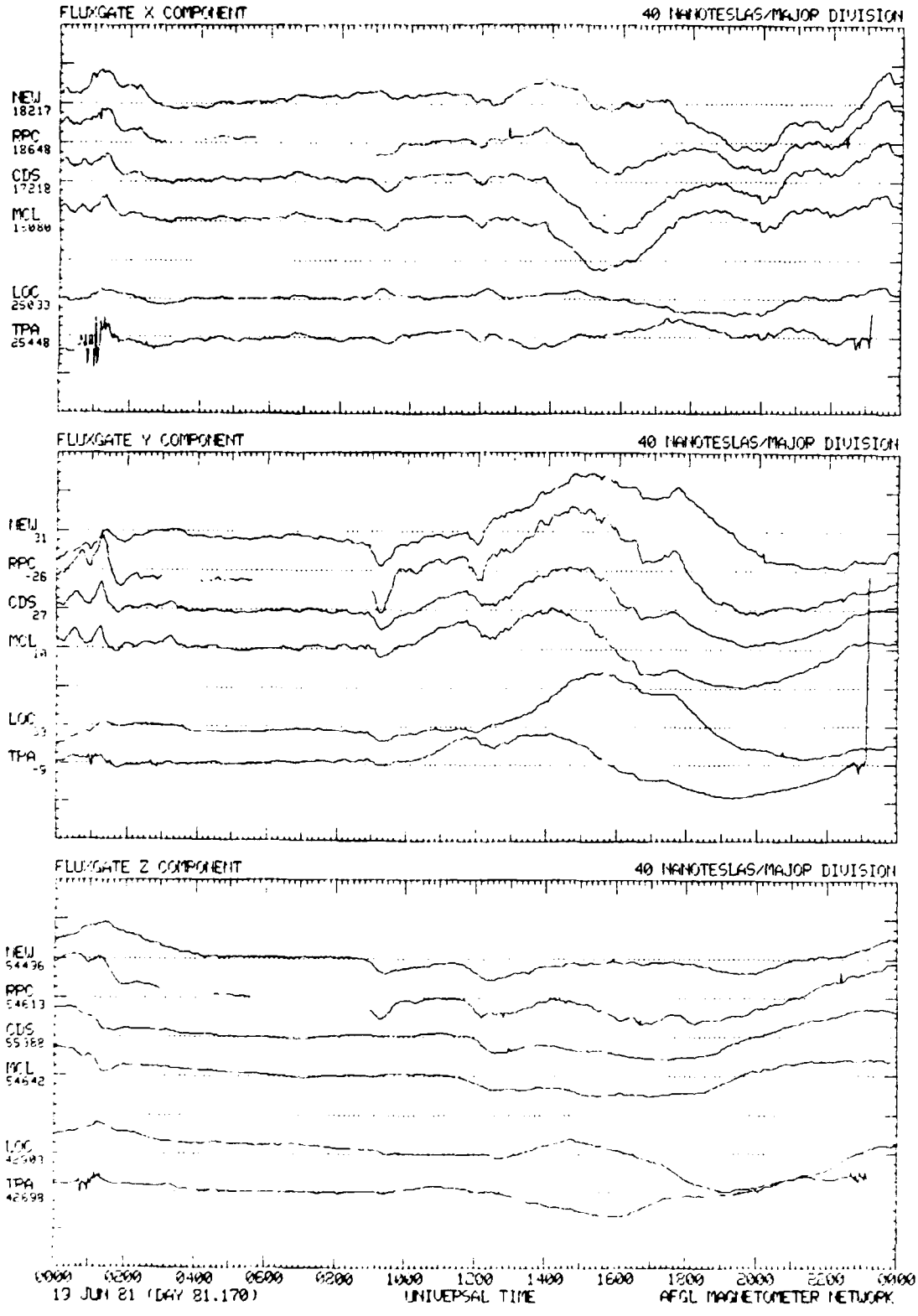
17 JUN 81 (DAY 81.168)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18224
RPC
18653
CDS
17219
MCL
18081
LOC
25035
TPA
25442
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
30
RPC
-52
CDS
28
MCL
18
LOC
3
TPA
-7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54501
RPC
54615
CDS
55394
MCL
54646
LOC
42904
TPA
42711
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 JUN 81 (DAY 81.169)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18217
RPC
18648
CDS
17218
MCL
LOC
25033
TPA
25448
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-26
CDS
27
MCL
LOC
TPA
-5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54436
RPC
54613
CDS
55188
MCL
54642
LOC
TPA
42698
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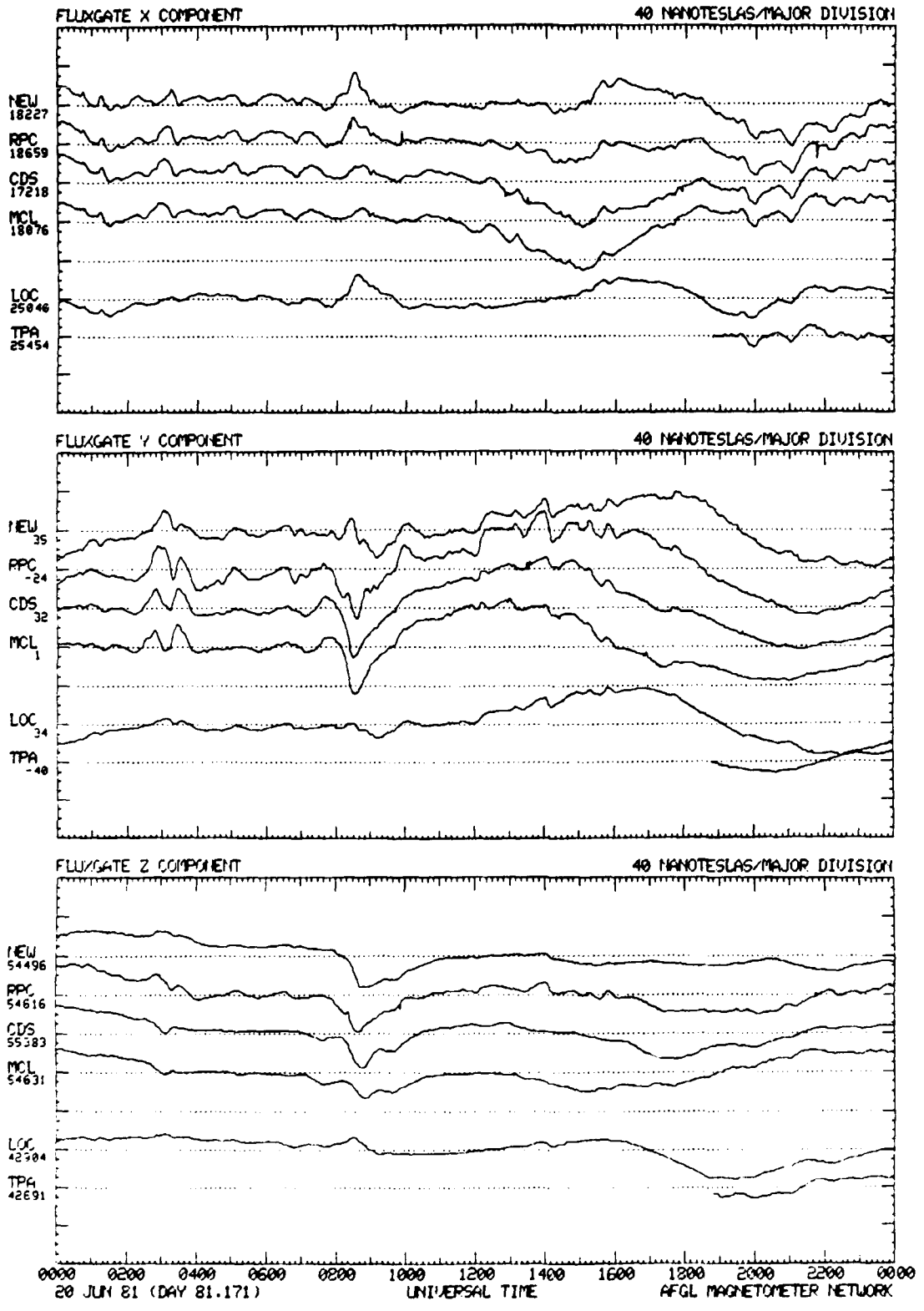
19 JUN 81 (DAY 81.170)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18227
RPC
18659
CDS
17218
MCL
18076
LOC
25046
TPA
25454
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
35
RPC
-24
CDS
32
MCL
1
LOC
34
TPA
-40
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54496
RPC
54616
CDS
55383
MCL
54631
LOC
42304
TPA
42691
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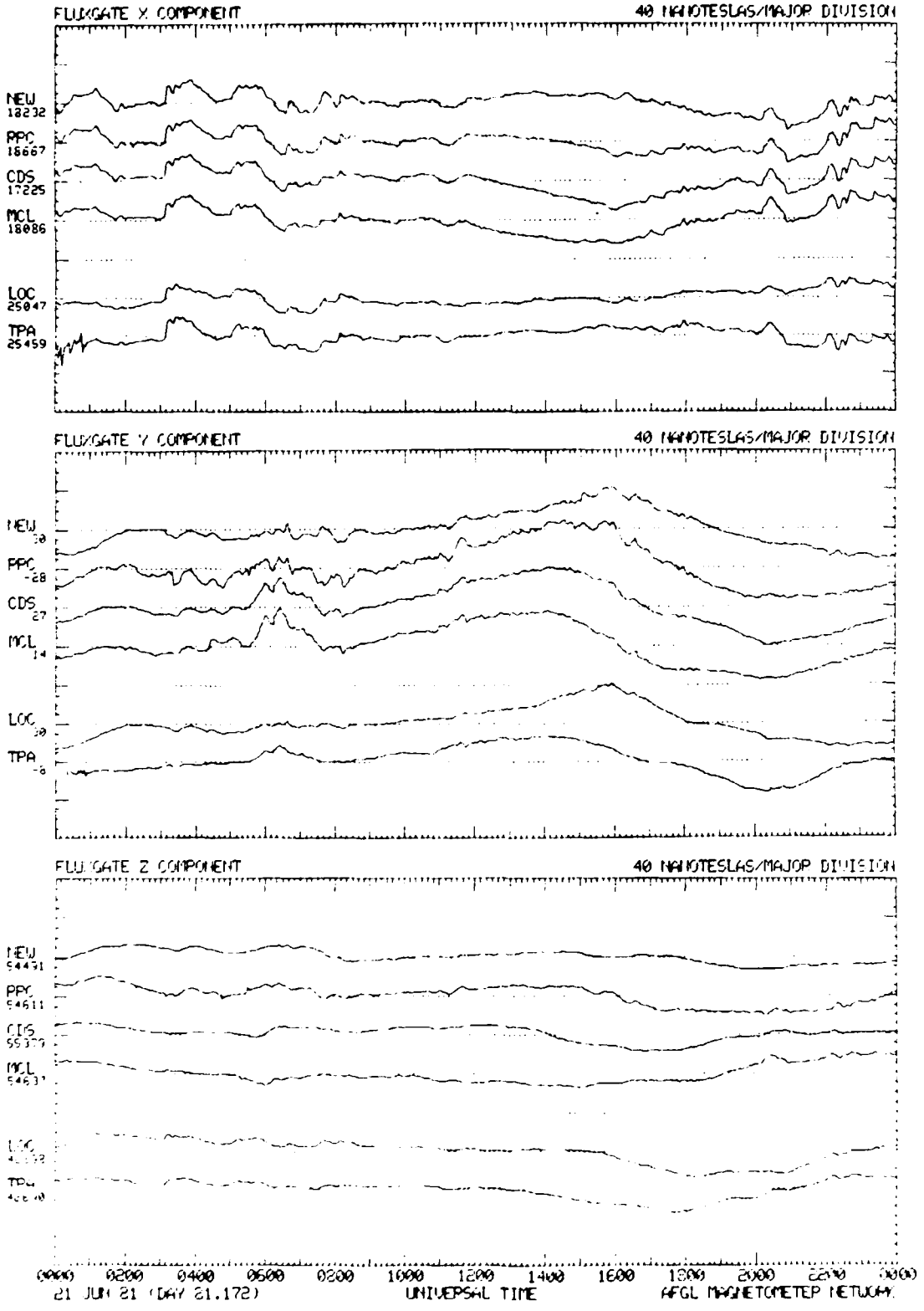
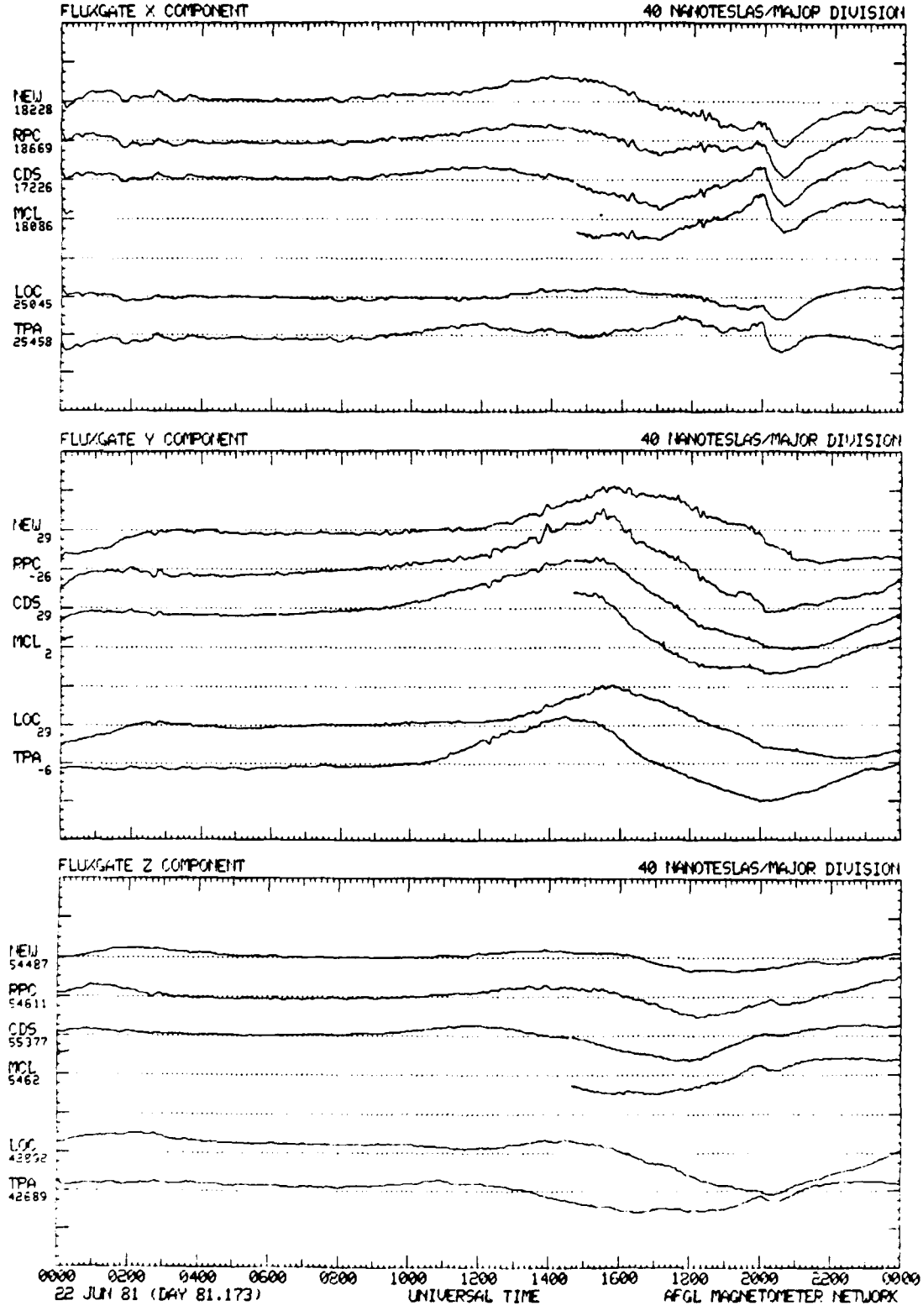
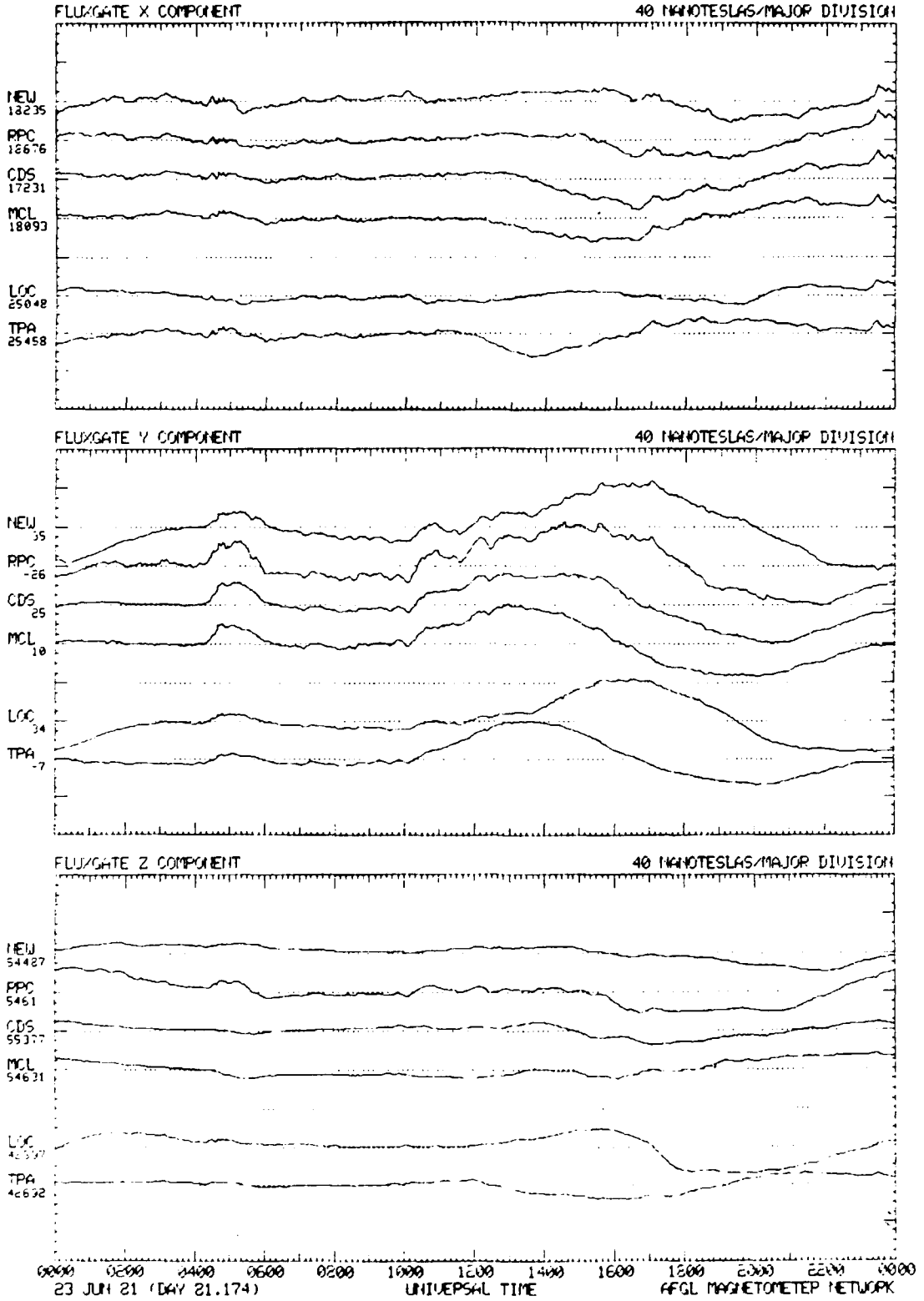
20 JUN 81 (DAY 81.171)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18232
PPC
18667
CDS
17225
MCL
18086
LOC
25047
TPA
25459
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
30
PPC
-28
CDS
27
MCL
14
LOC
30
TPA
-8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54491
PPC
54611
CDS
55379
MCL
54637
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
21 JUN 21 (DAY 21.172)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18228
RPC 18669
CDS 17226
MCL 18086
LOC 25045
TPA 25458
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 29
RPC -26
CDS 29
MCL 2
LOC 29
TPA -6
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54487
RPC 54611
CDS 55377
MCL 5462
LOC 43892
TPA 42689
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 JUN 81 (DAY 81.173)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18235
PPC
18676
CDS
17231
MCL
18093
LOC
25048
TPA
25458
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
35
PPC
-26
CDS
25
MCL
10
LOC
34
TPA
-7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54487
PPC
5461
CDS
55377
MCL
54631
LOC
TPA
4c632
0000
0400
0800
0600
0800
1000
1200
1400
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1800
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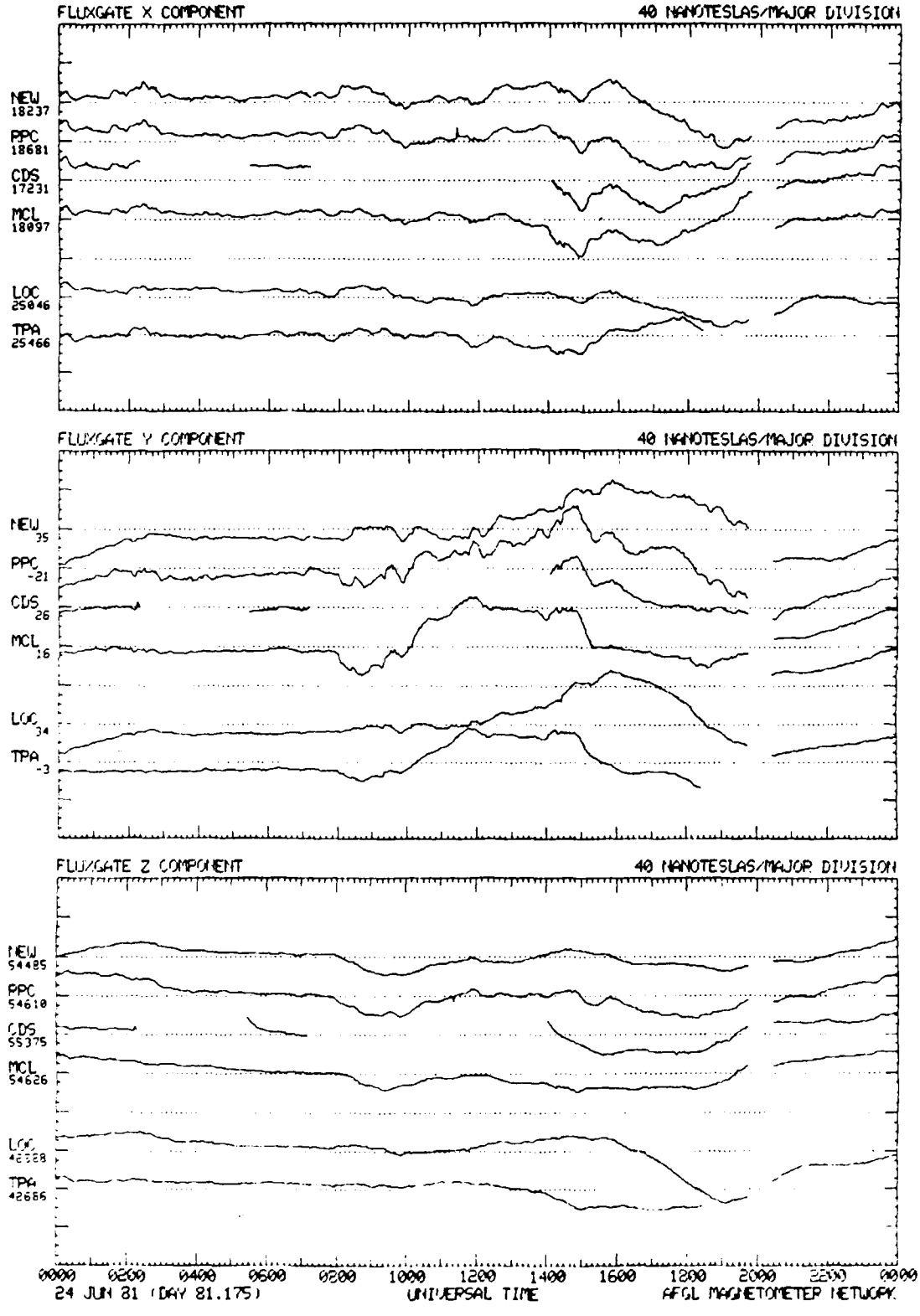
2200
0000
23 JUN 81 (DAY 81.174)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18237
PPC 18681
CDS 17231
MCL 18097
LOC 25046
TPA 25466
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 35
PPC -21
CDS 26
MCL 16
LOC 34
TPA -3
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54485
PPC 54610
CDS 55375
MCL 54626
LOC 42328
TPA 42686
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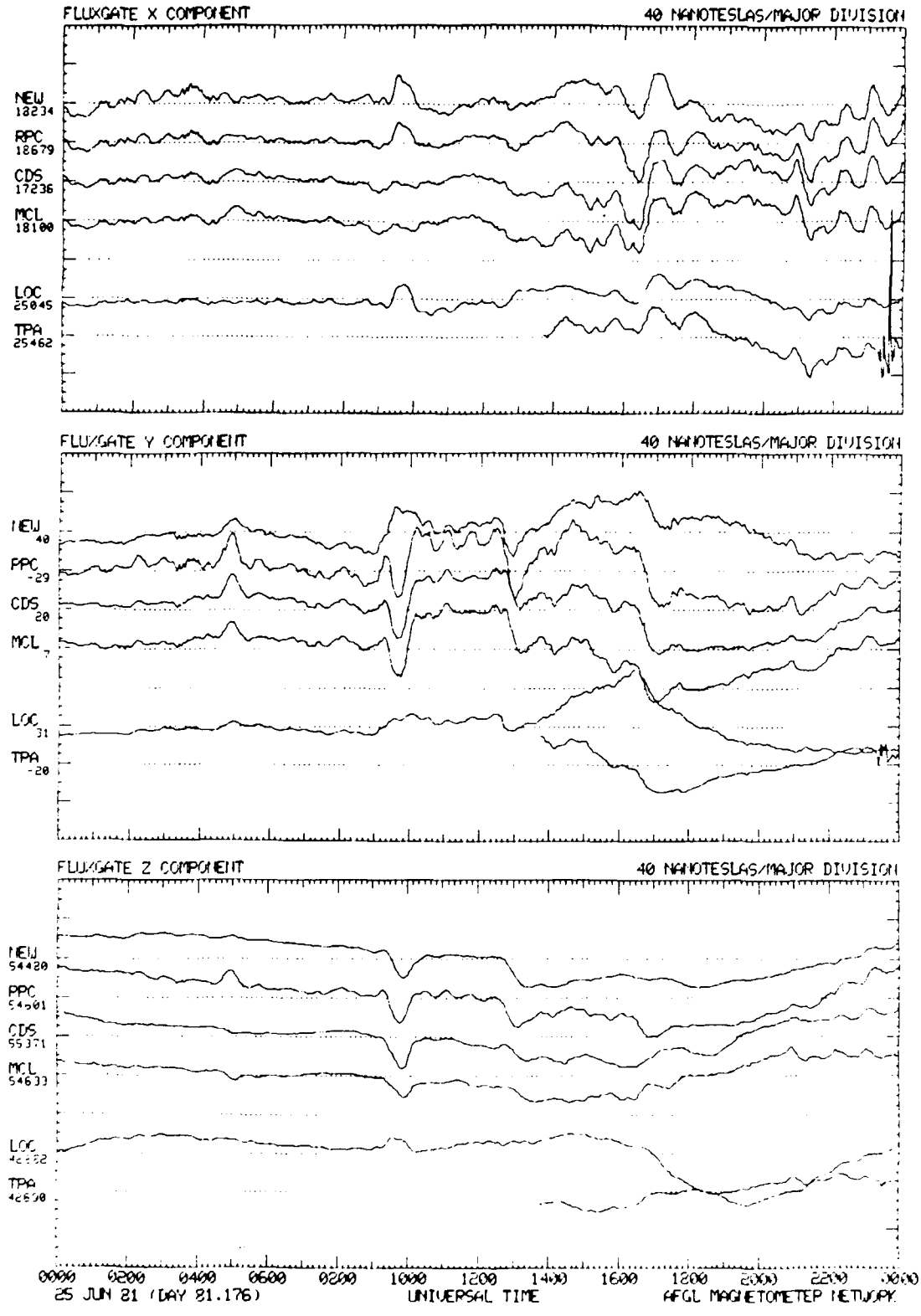
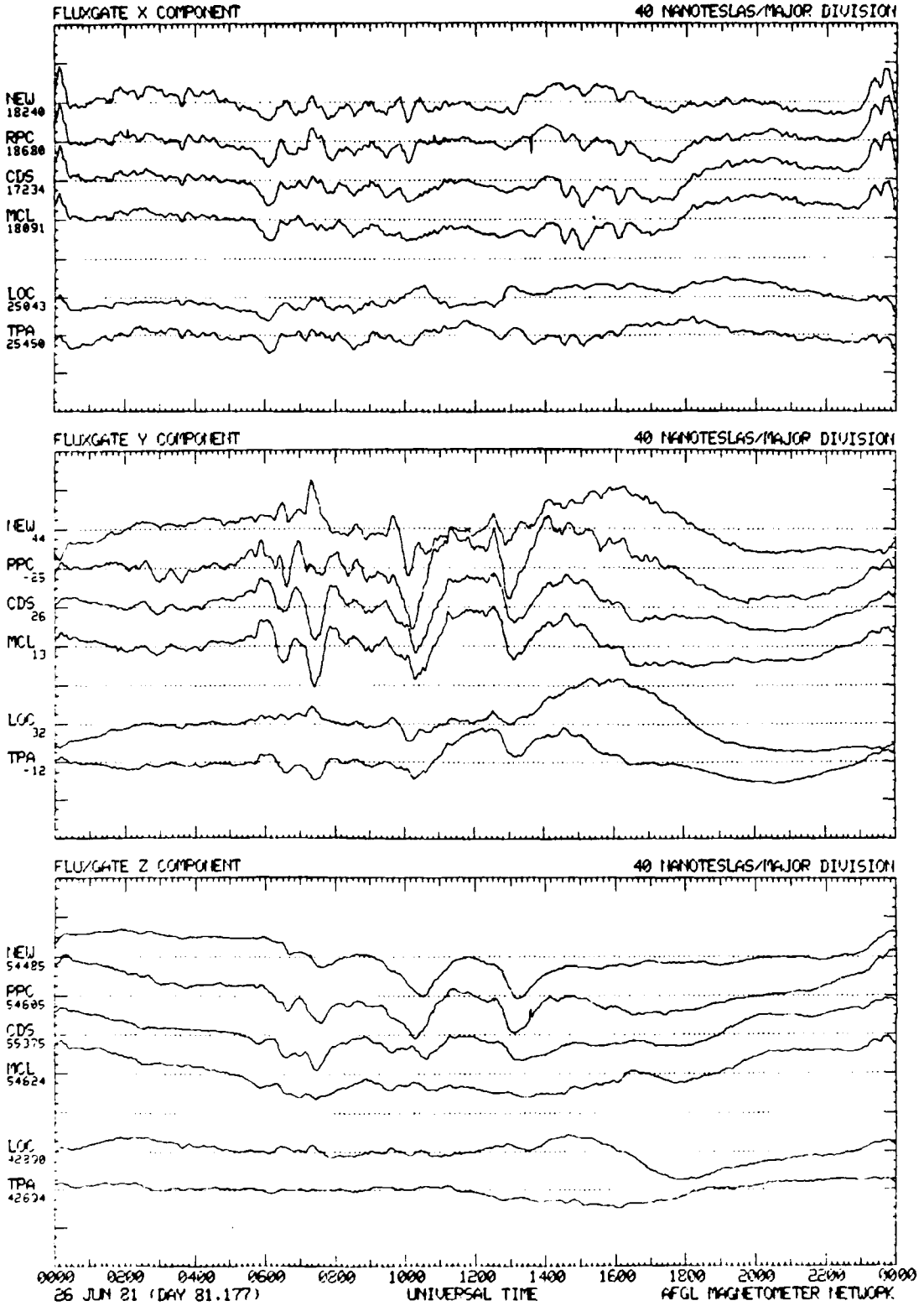
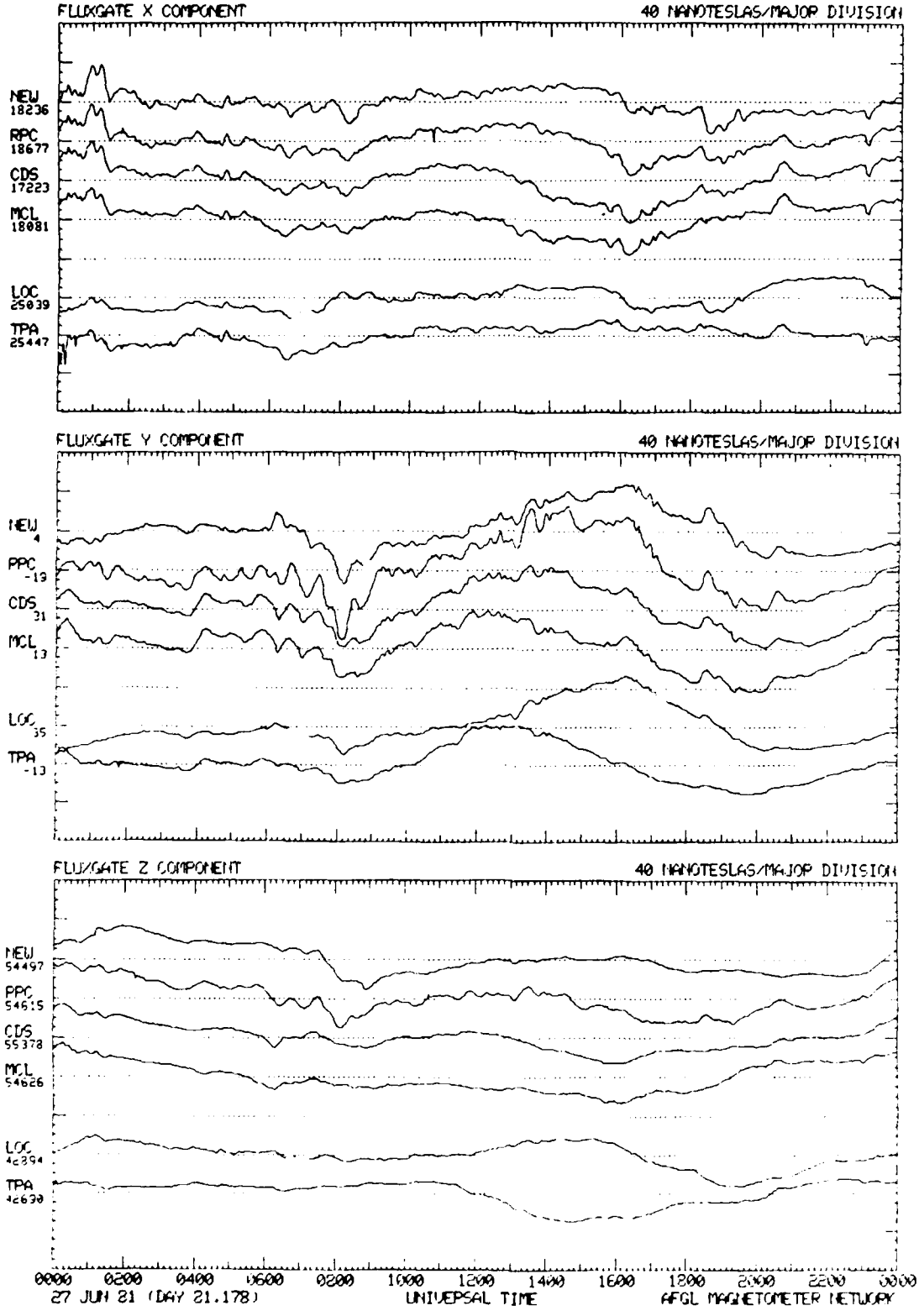
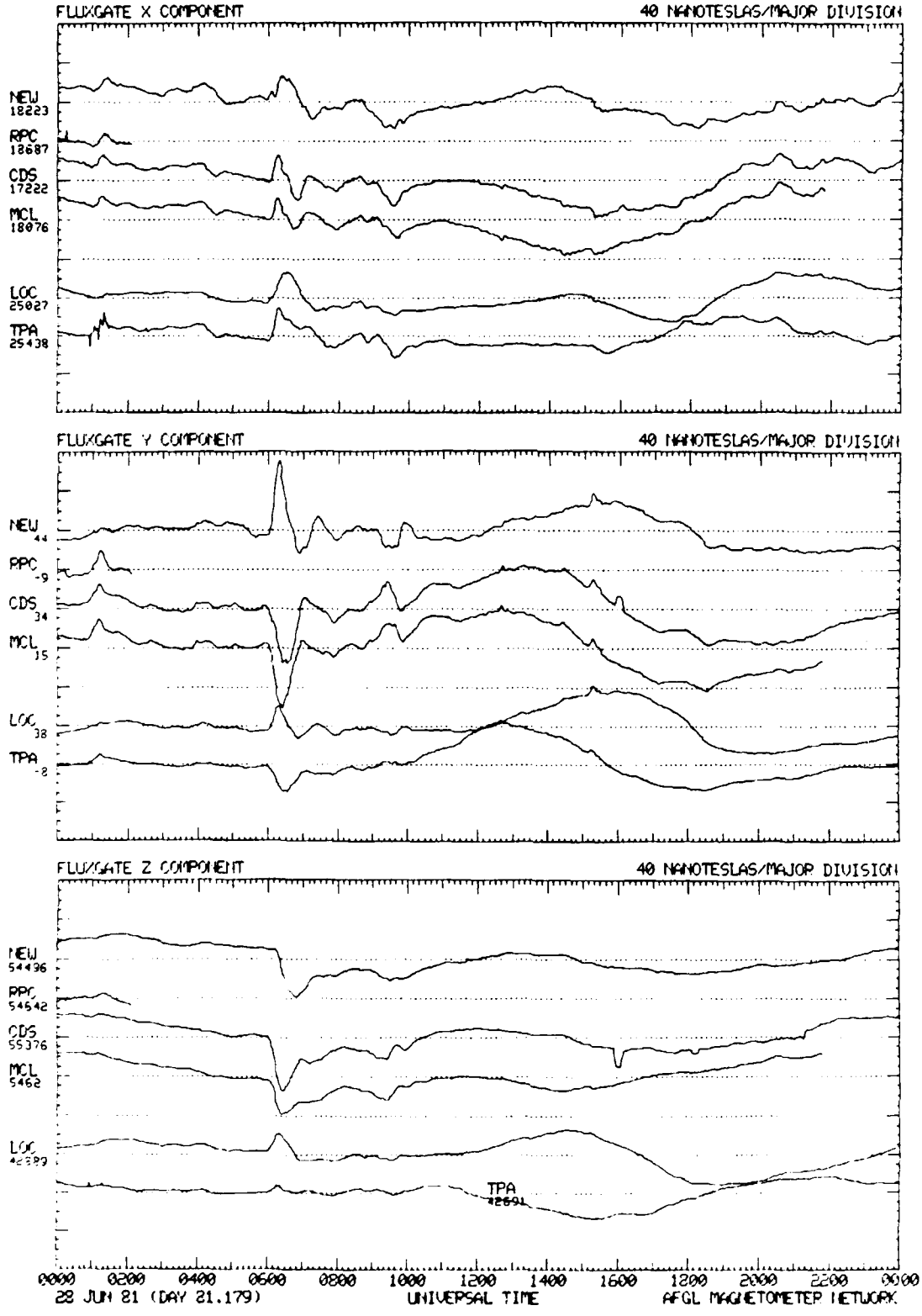
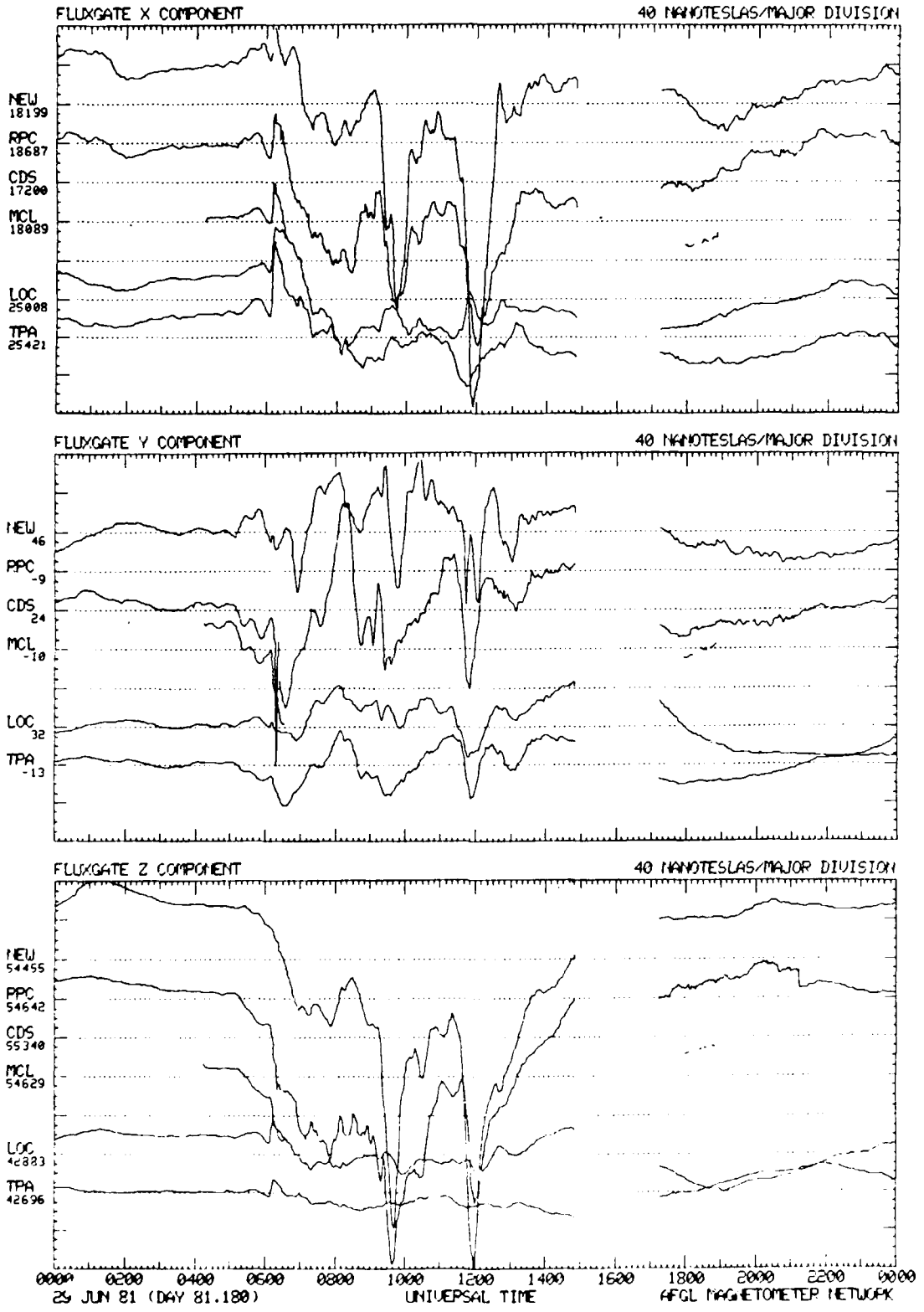
24 JUN 81 (DAY 81.175)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18234
RPC
18679
CDS
17236
MCL
18100
LOC
25045
TPA
25462
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
40
PPC
-29
CDS
20
MCL
7
LOC
31
TPA
-20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54480
PPC
54201
CDS
55371
MCL
54633
LOC
TPA
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
25 JUN 81 (DAY 81.176)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18240
RPC
18680
CDS
17234
MCL
18091
LOC
25043
TPA
25450
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
44
PPC
-25
CDS
26
MCL
13
LOC
32
TPA
-12
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54485
PPC
54605
CDS
55375
MCL
54624
LOC
42390
TPA
42694
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 JUN 81 (DAY 81.177)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

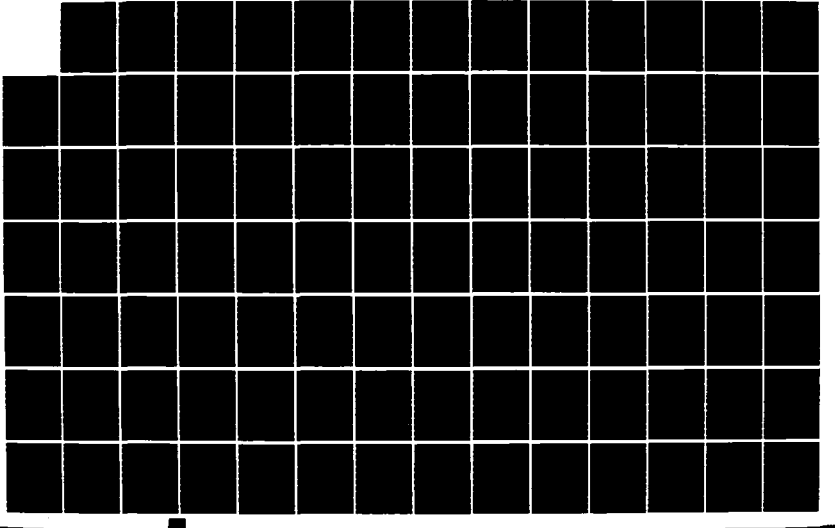

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18677
CDS
17223
MCL
18081
LOC
25039
TPA
25447
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
4
PPC
-19
CDS
31
MCL
13
LOC
35
TPA
-13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54497
PPC
54615
CDS
55378
MCL
54626
LOC
46894
TPA
46690
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 JUN 81 (DAY 21.178)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

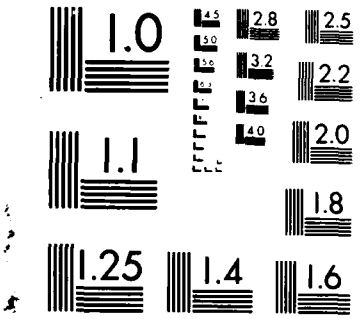

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18223
RPC
18687
CDS
17222
MCL
18076
LOC
25027
TPA
25438
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
44
RPC
-9
CDS
34
MCL
15
LOC
38
TPA
-8
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54496
RPC
54642
CDS
55376
MCL
5462
LOC
42389
TPA
42691
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 JUN 81 (DAY 21.179)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18199
RPC
18687
CDS
17200
MCL
18089
LOC
25008
TPA
25421
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
46
PPC
-9
CDS
24
MCL
-10
LOC
32
TPA
-13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54455
PPC
54642
CDS
55340
MCL
54629
LOC
42883
TPA
42696
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 JUN 81 (DAY 81.180)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

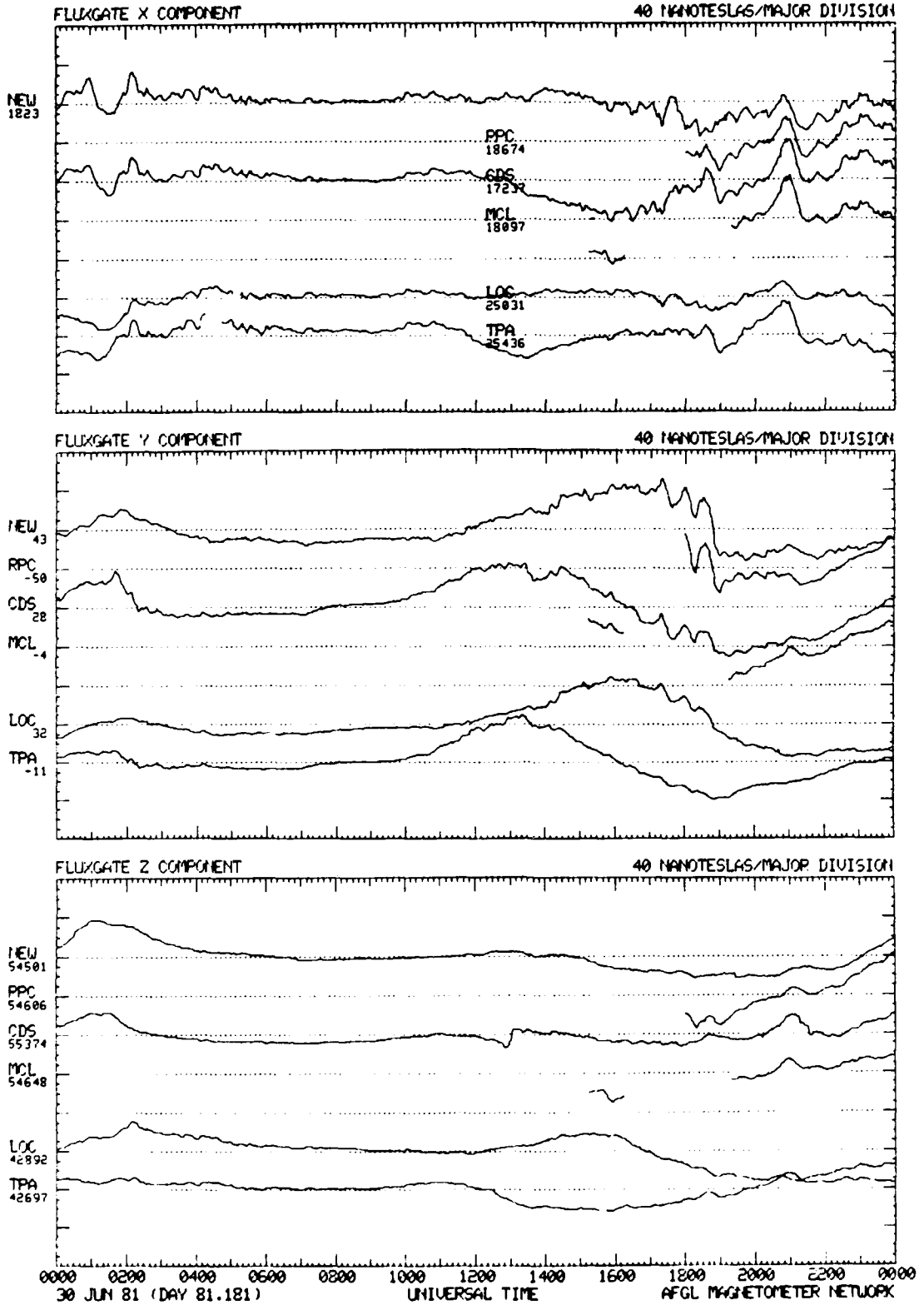
AD-A173 958 DAILY MAGNETOGRAMS FOR 1981 FROM THE AFGL (AIR FORCE GEOPHYSICS LABORATORY) NETWORK(U) AIR FORCE GEOPHYSICS LAB HANSCOM AFB MA D J KNECHT 28 FEB 85 3/5

UNCLASSIFIED AFGL-TR-85-0030 F/G 4/1 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1823
PPC
18674
CDS
17237
MCL
18097
LOC
25031
TPA
25436
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
43
RPC
-50
CDS
28
MCL
-4
LOC
32
TPA
-11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54501
PPC
54606
CDS
55374
MCL
54648
LOC
42892
TPA
42697
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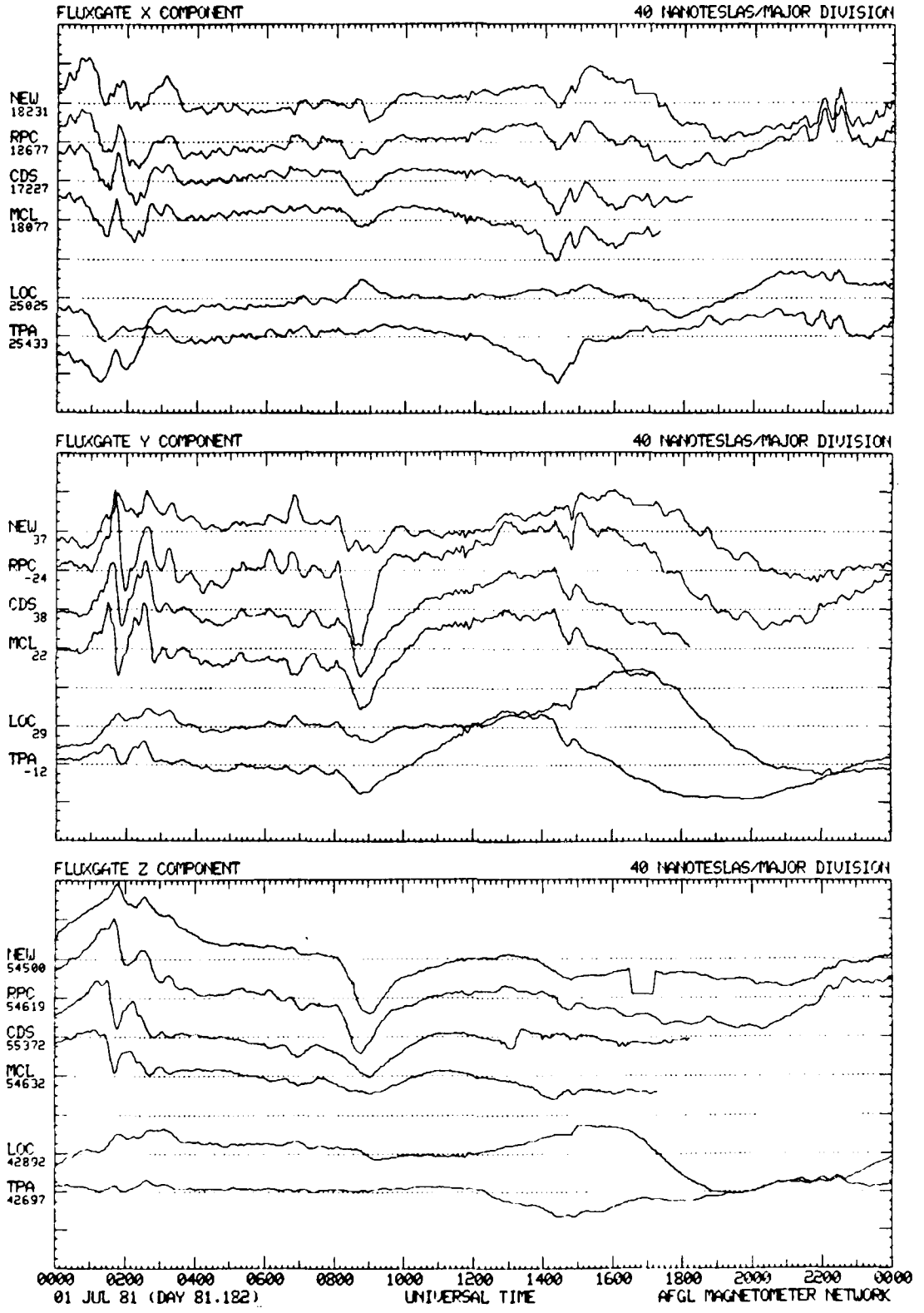
30 JUN 81 (DAY 81.181)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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40 NANOTESLAS/MAJOR DIVISION
NEW
18231
RPC
12677
CDS
17227
MCL
18077
LOC
25025
TPA
25433
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
37
RPC
-24
CDS
38
MCL
22
LOC
29
TPA
-12
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54500
RPC
54619
CDS
55372
MCL
54632
LOC
42892
TPA
42697
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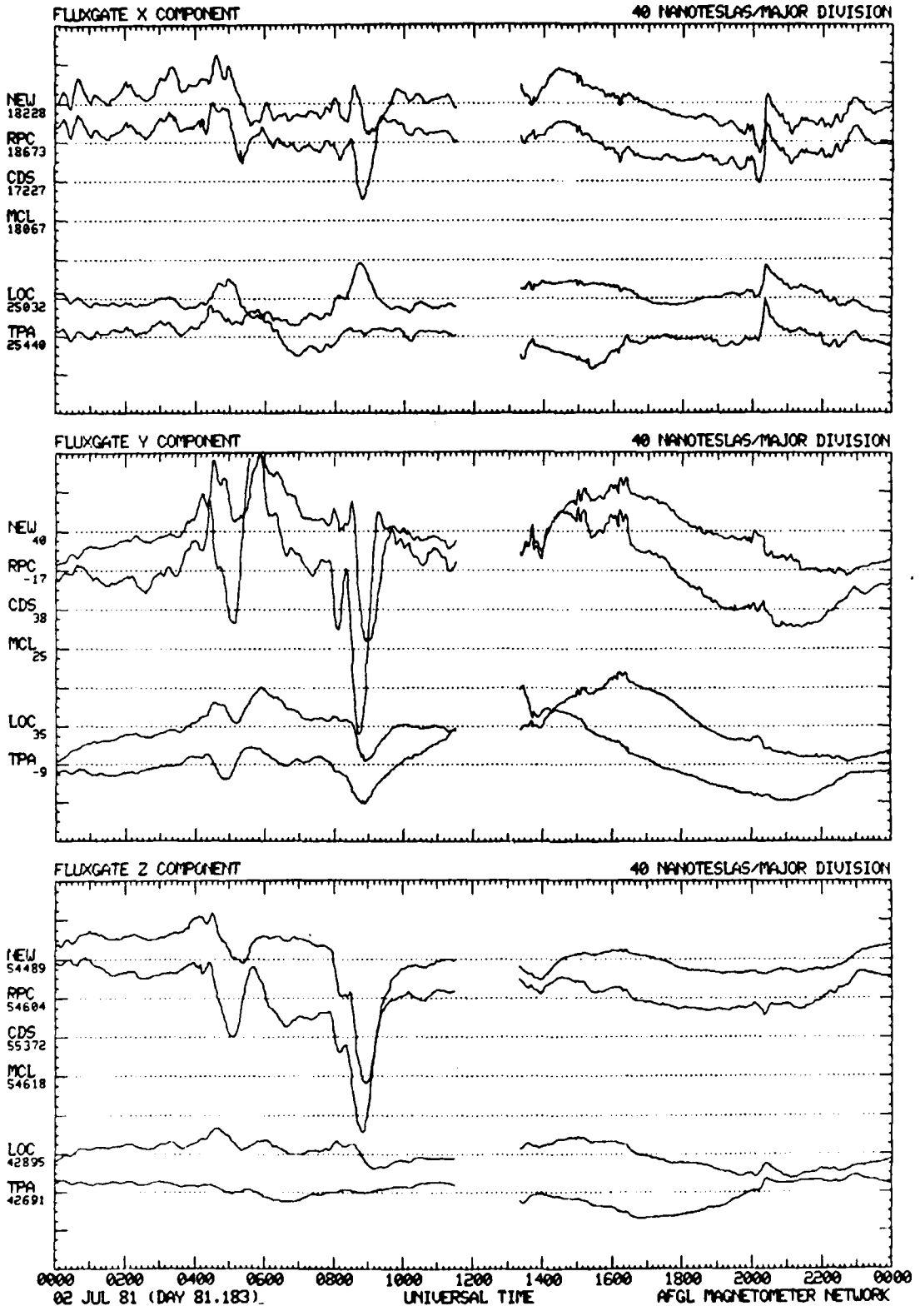
01 JUL 81 (DAY 81.182)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18228
RPC
18673
CDS
17227
MCL
18067
LOC
25032
TPA
25440
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
40
RPC
-17
CDS
38
MCL
25
LOC
35
TPA
-9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54489
RPC
54604
CDS
55372
MCL
54618
LOC
42895
TPA
42691
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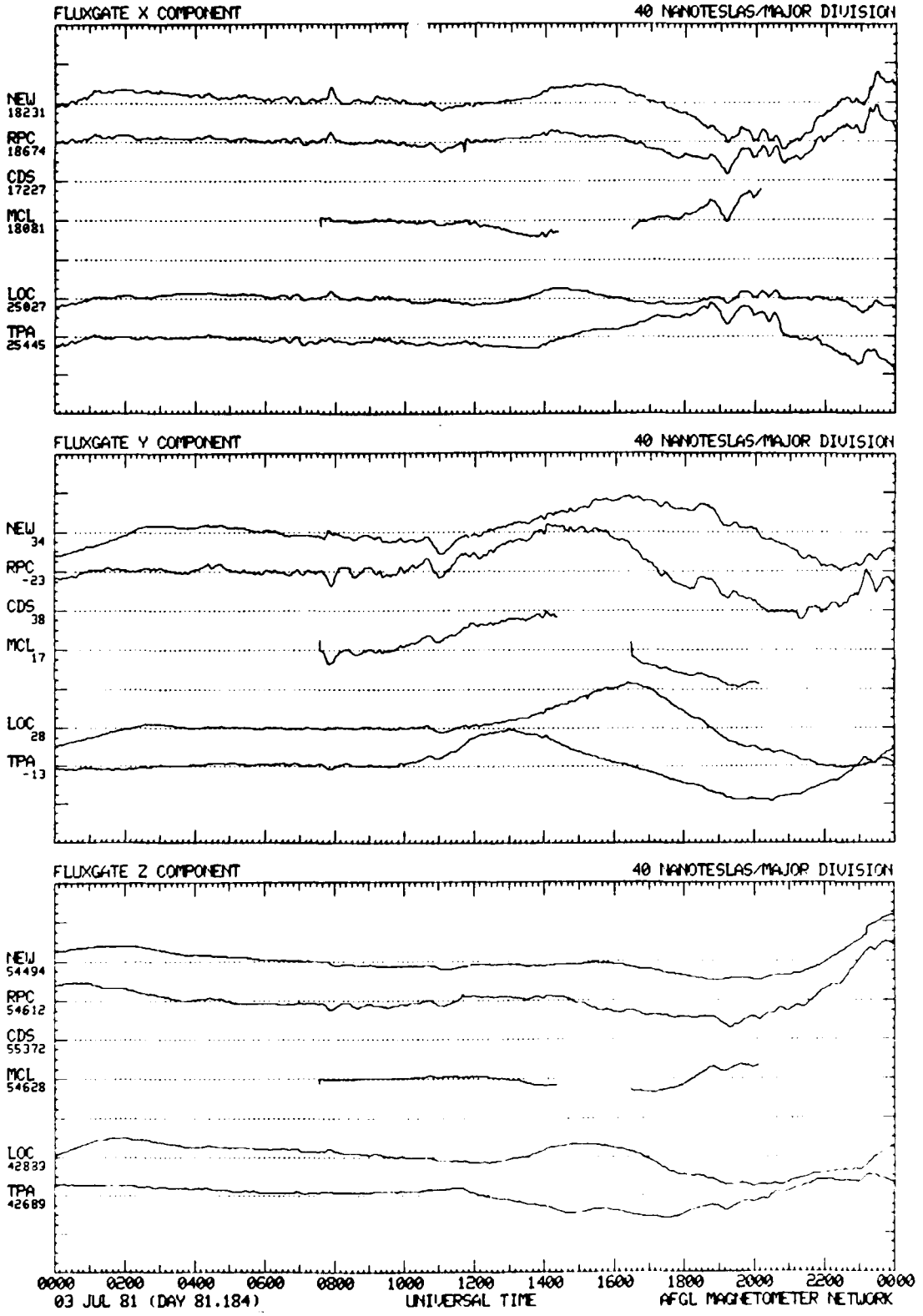
02 JUL 81 (DAY 81.183)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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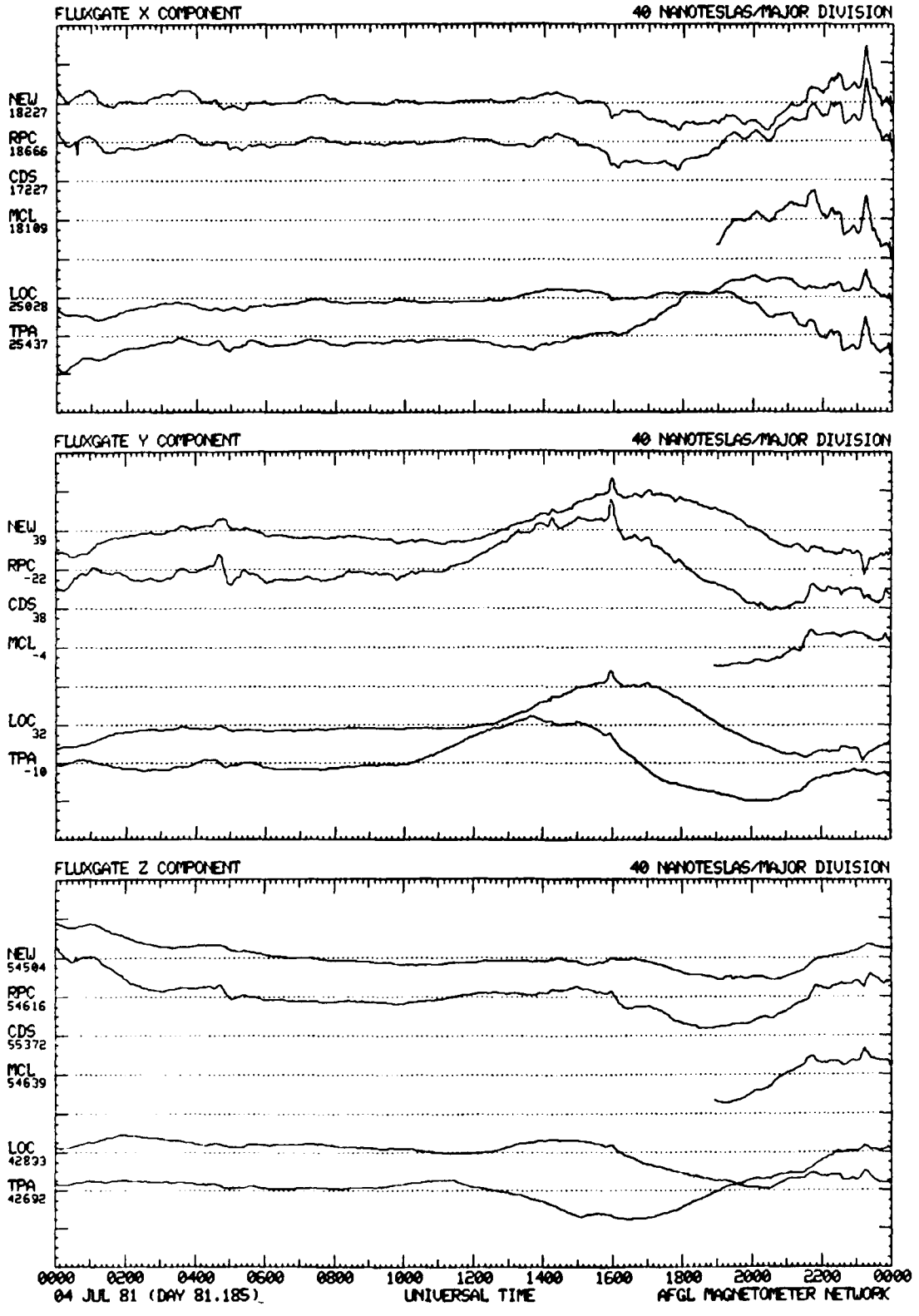
NEW
18231
RPC
18674
CDS
17227
MCL
18081
LOC
25027
TPA
25445
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
34
RPC
-23
CDS
38
MCL
17
LOC
28
TPA
-13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54494
RPC
54612
CDS
55372
MCL
54628
LOC
42833
TPA
42689
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 JUL 81 (DAY 81.184)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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NEW
18227
RPC
18666
CDS
17227
MCL
18109
LOC
25028
TPA
25437
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
39
RPC
-22
CDS
38
MCL
-4
LOC
32
TPA
-10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54504
RPC
54616
CDS
55372
MCL
54639
LOC
42893
TPA
42692
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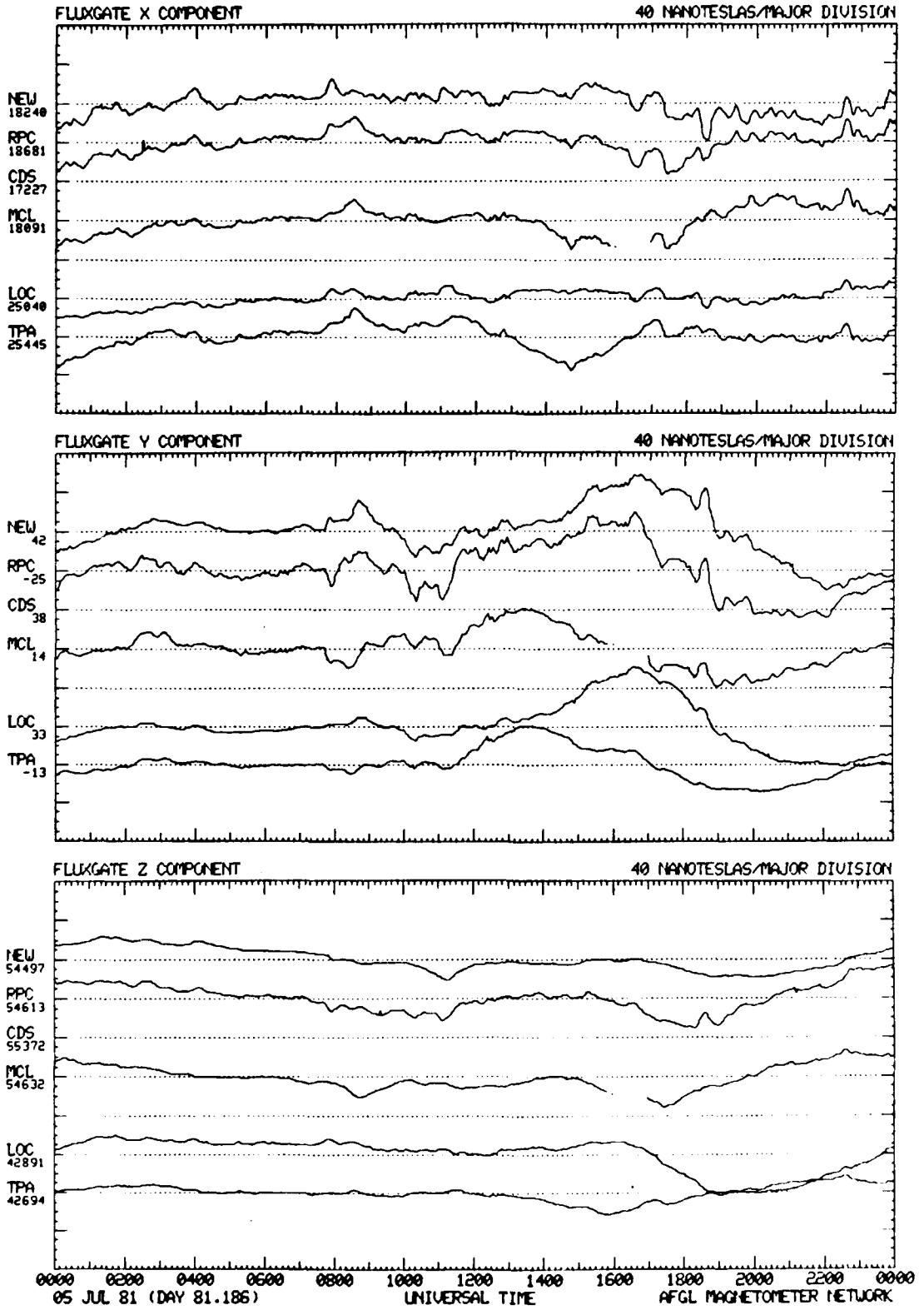
04 JUL 81 (DAY 81.185)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18240
RPC
18681
CDS
17227
MCL
18091
LOC
25040
TPA
25445
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
42
RPC
-25
CDS
38
MCL
14
LOC
33
TPA
-13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54497
RPC
54613
CDS
55372
MCL
54632
LOC
42891
TPA
42694
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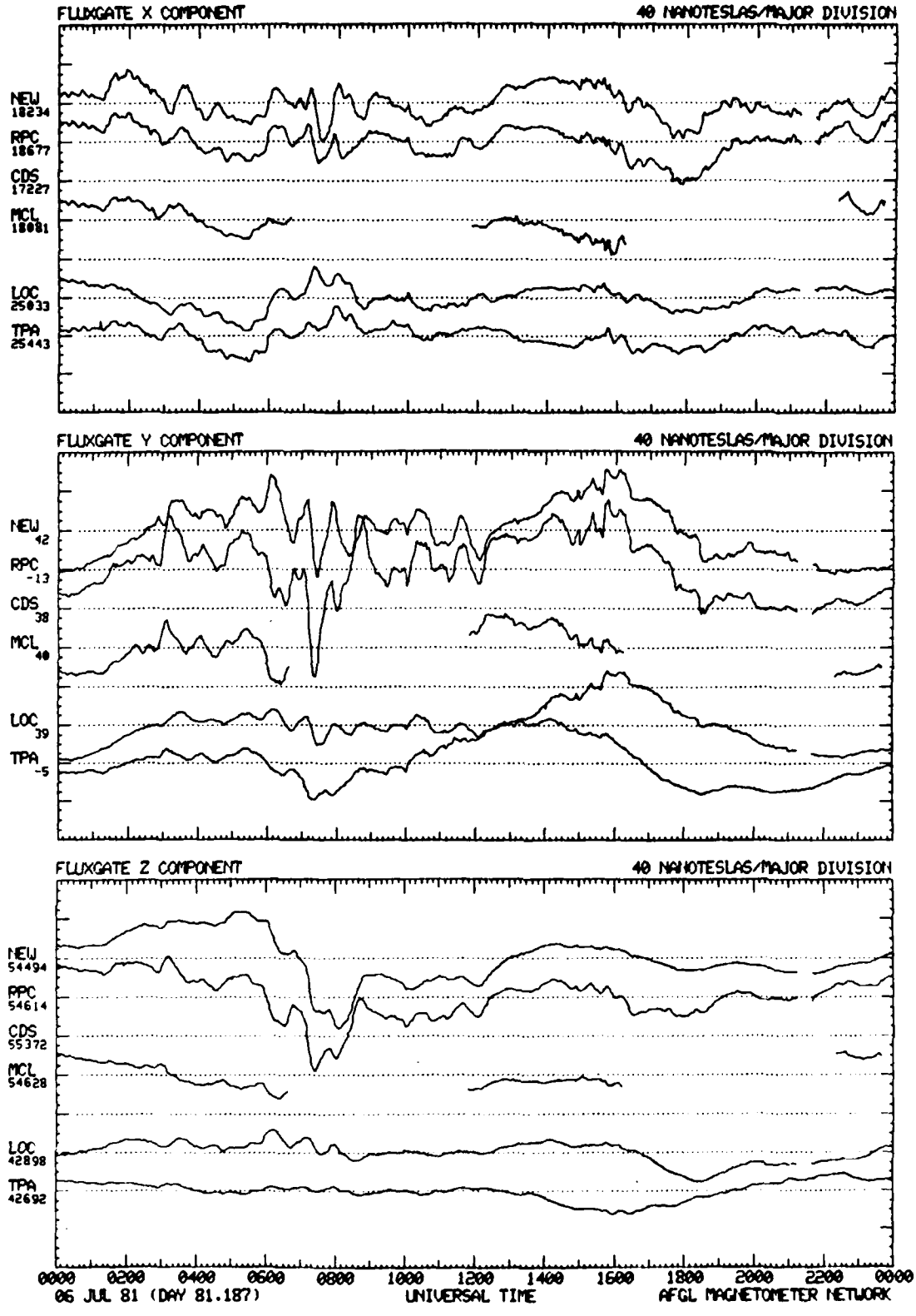
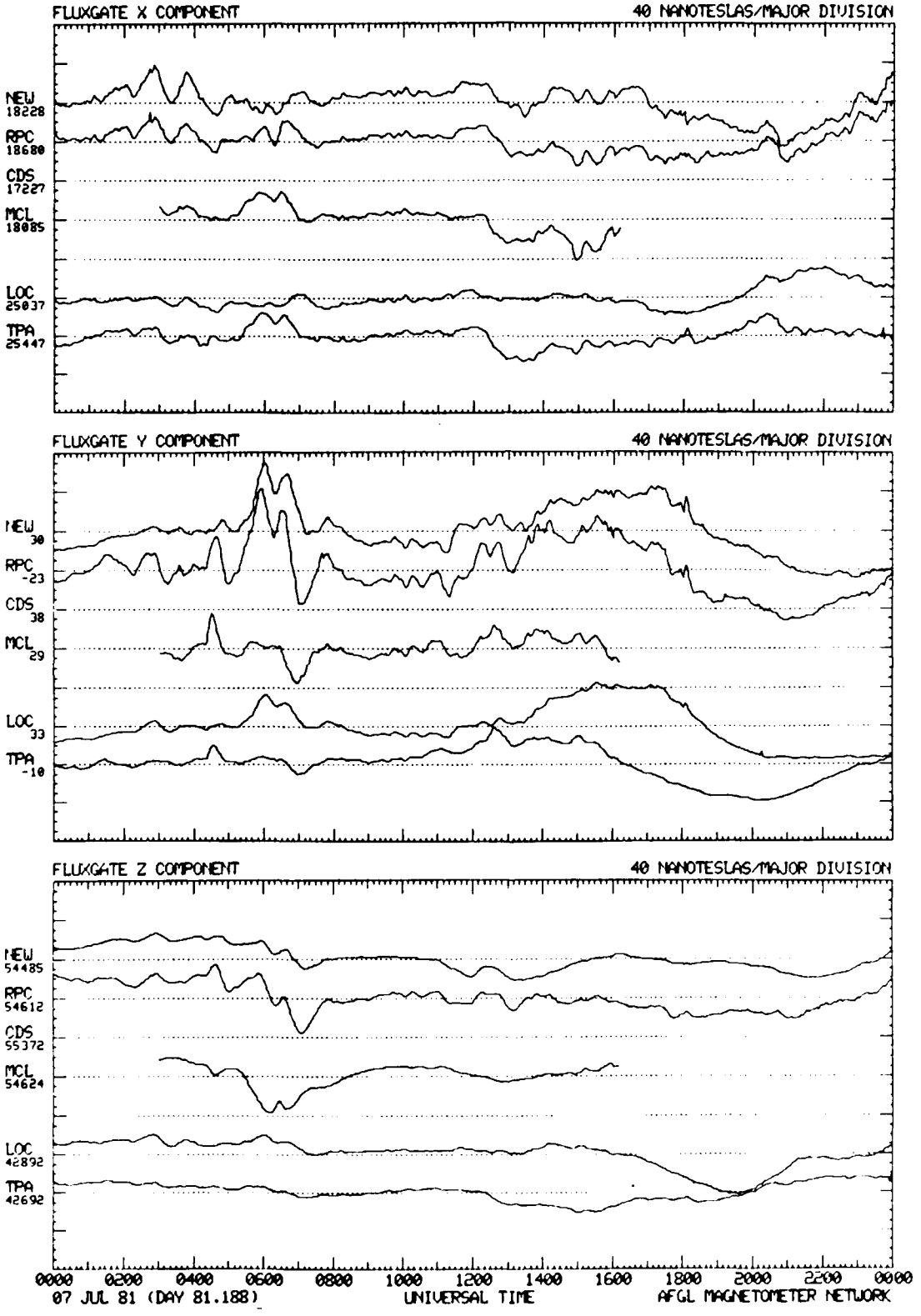
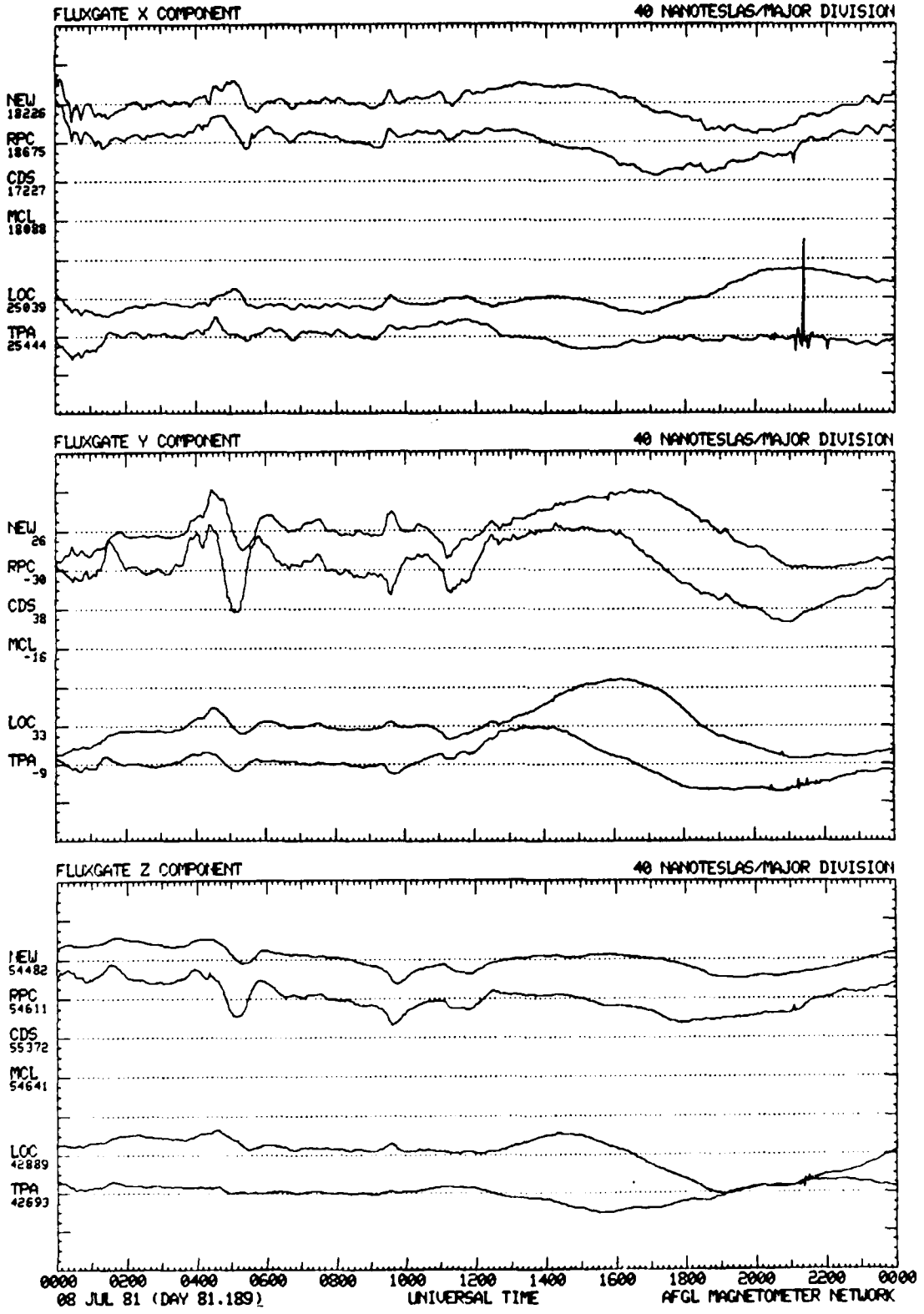
05 JUL 81 (DAY 81.186)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18234
RPC 18677
CDS 17227
MCL 18081
LOC 25033
TPA 25443
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 42
RPC -13
CDS 38
MCL 40
LOC 39
TPA -5
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54494
RPC 54614
CDS 55372
MCL 54628
LOC 42898
TPA 42692
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 JUL 81 (DAY 81.187)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18228
RPC
18680
CDS
17227
MCL
18085
LOC
25037
TPA
25447
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
30
RPC
-23
CDS
38
MCL
29
LOC
33
TPA
-10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54485
RPC
54612
CDS
55372
MCL
54624
LOC
42892
TPA
42692
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 JUL 81 (DAY 81.188)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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40 NANOTESLAS/MAJOR DIVISION
NEW
18226
RPC
18675
CDS
17227
MCL
18088
LOC
25039
TPA
25444
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
26
RPC
-30
CDS
38
MCL
-16
LOC
33
TPA
-9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54482
RPC
54611
CDS
55372
MCL
54641
LOC
42889
TPA
42693
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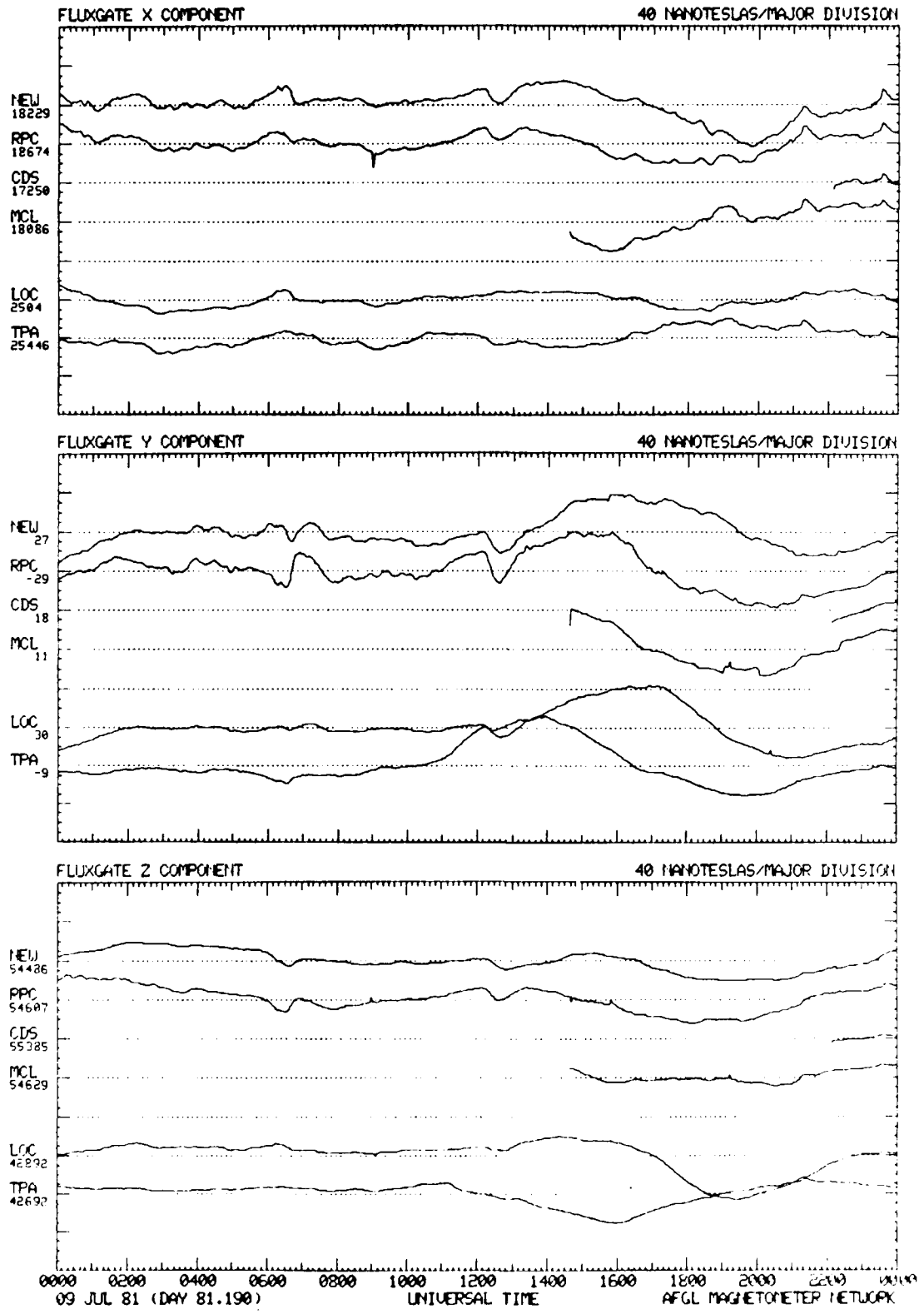
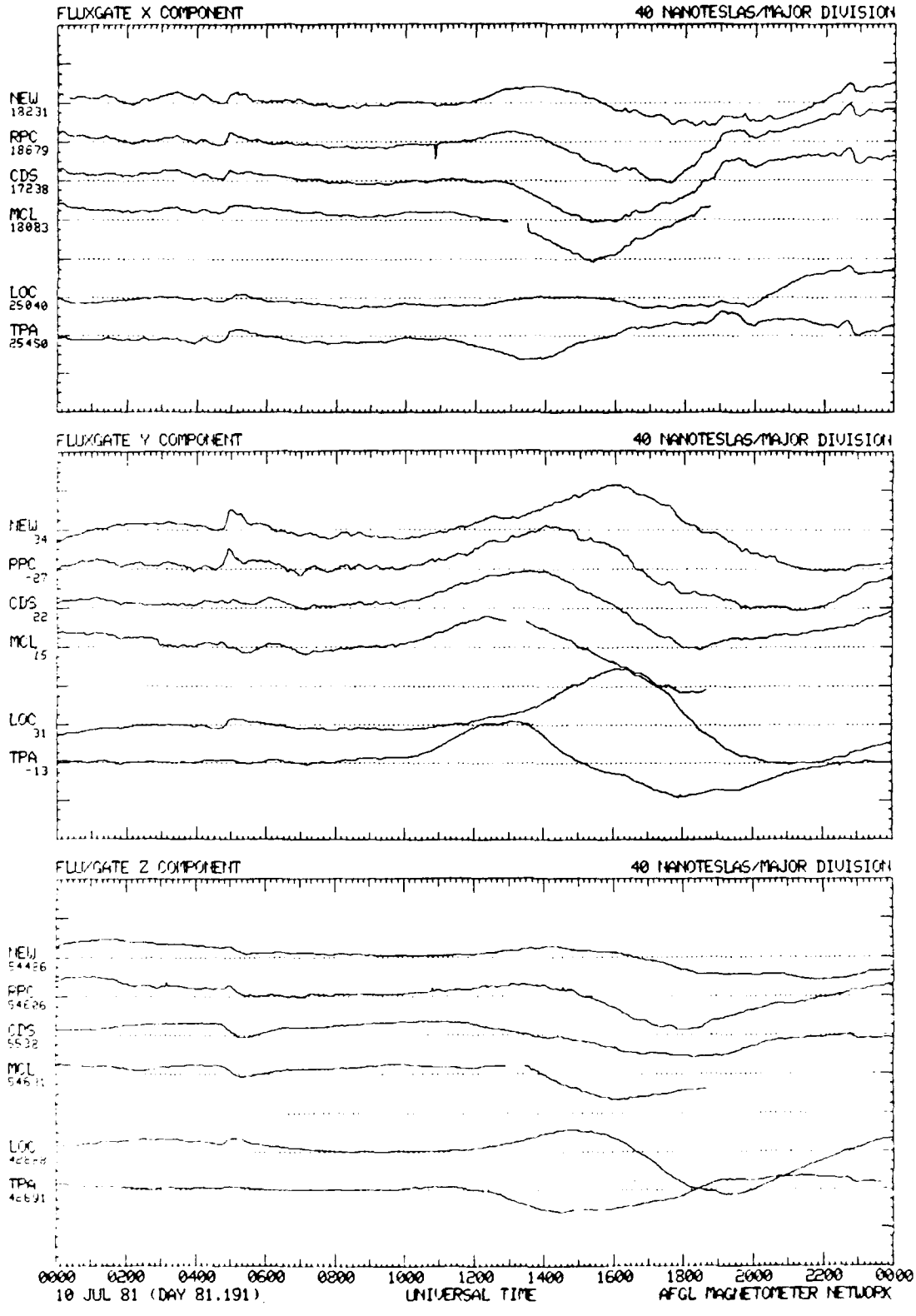
08 JUL 81 (DAY 81.189)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18229
RPC
18674
CDS
17250
MCL
18086
LOC
2504
TPA
25446
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
27
RPC
-29
CDS
18
MCL
11
LOC
30
TPA
-9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54486
RPC
54607
CDS
55385
MCL
54629
LOC
42892
TPA
42692
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
09 JUL 81 (DAY 81.190)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18231
RPC
18679
CDS
17238
MCL
18083
LOC
25040
TPA
25450
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
34
PPC
-27
CDS
22
MCL
15
LOC
31
TPA
-13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54486
RPC
54626
CDS
5532
MCL
54611
LOC
TPA
54691
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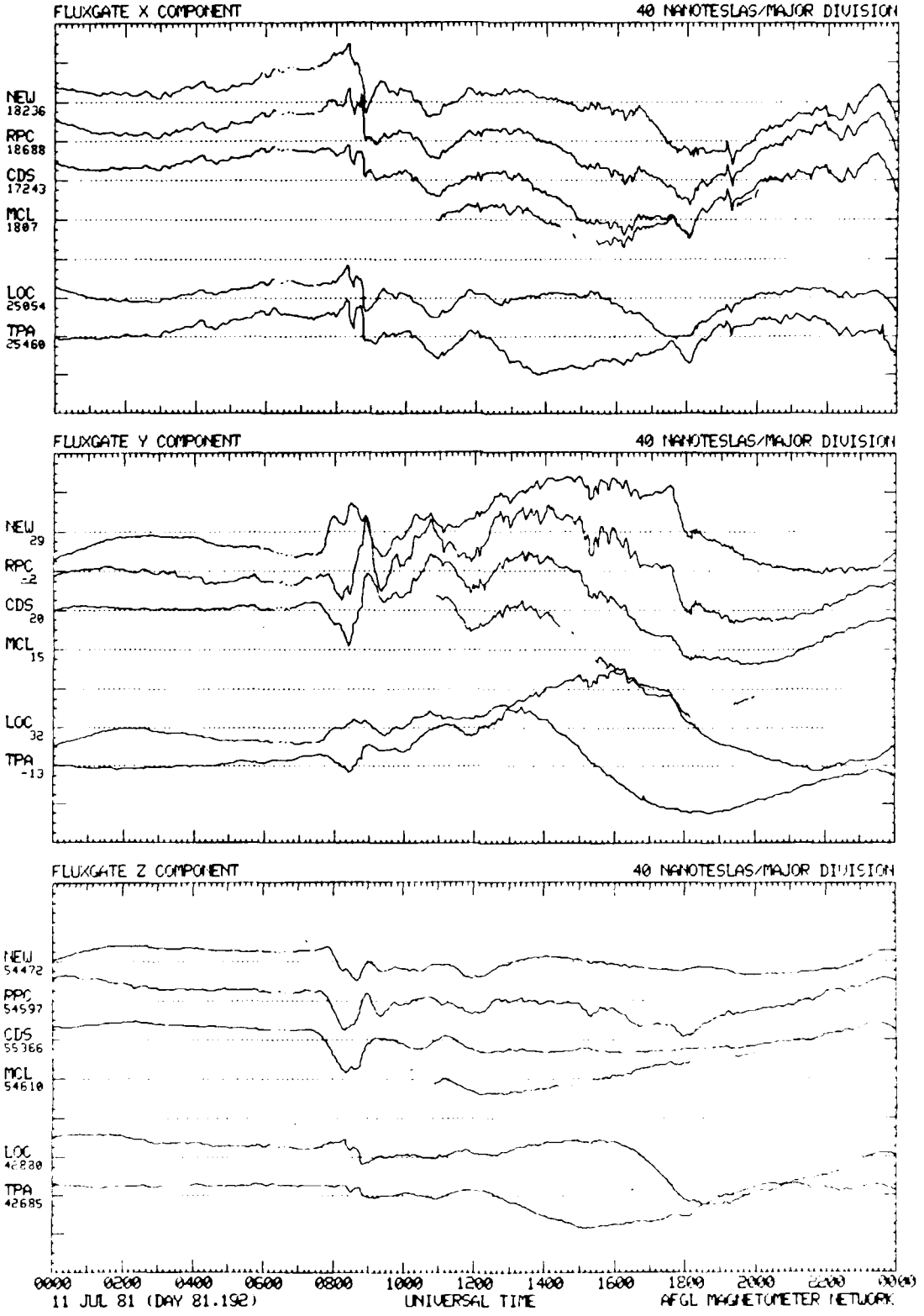
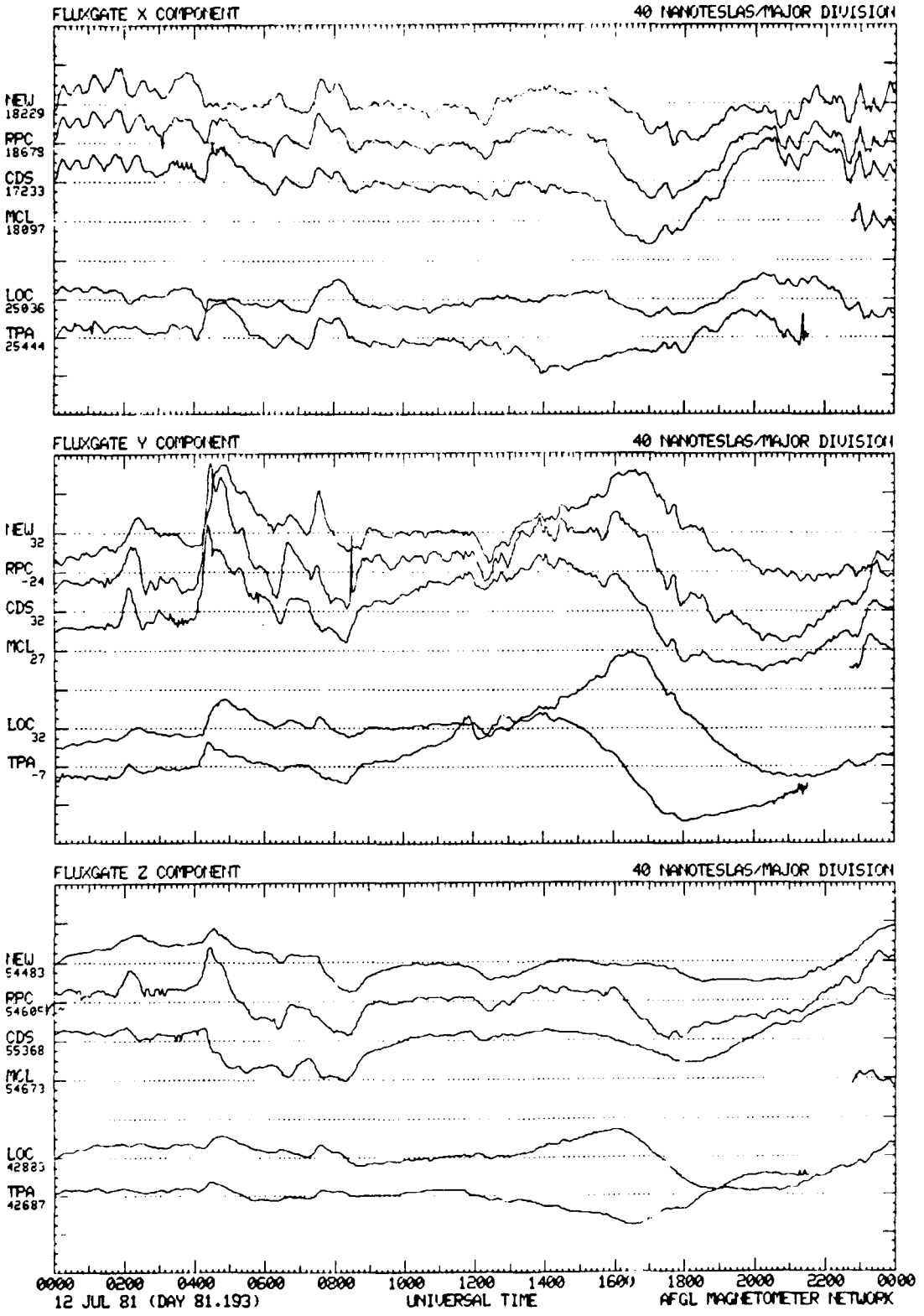
10 JUL 81 (DAY 81.191)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18688
CDS
17243
MCL
1807
LOC
25054
TPA
25460
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
29
RPC
-2
CDS
20
MCL
15
LOC
32
TPA
-13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54472
RPC
54597
CDS
55366
MCL
54610
LOC
42880
TPA
42685
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
11 JUL 81 (DAY 81.192)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18229
RPC
18679
CDS
17233
MCL
18097
LOC
25036
TPA
25444
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
32
RPC
-24
CDS
32
MCL
27
LOC
32
TPA
-7
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54483
RPC
54608
CDS
55368
MCL
54673
LOC
42883
TPA
42687
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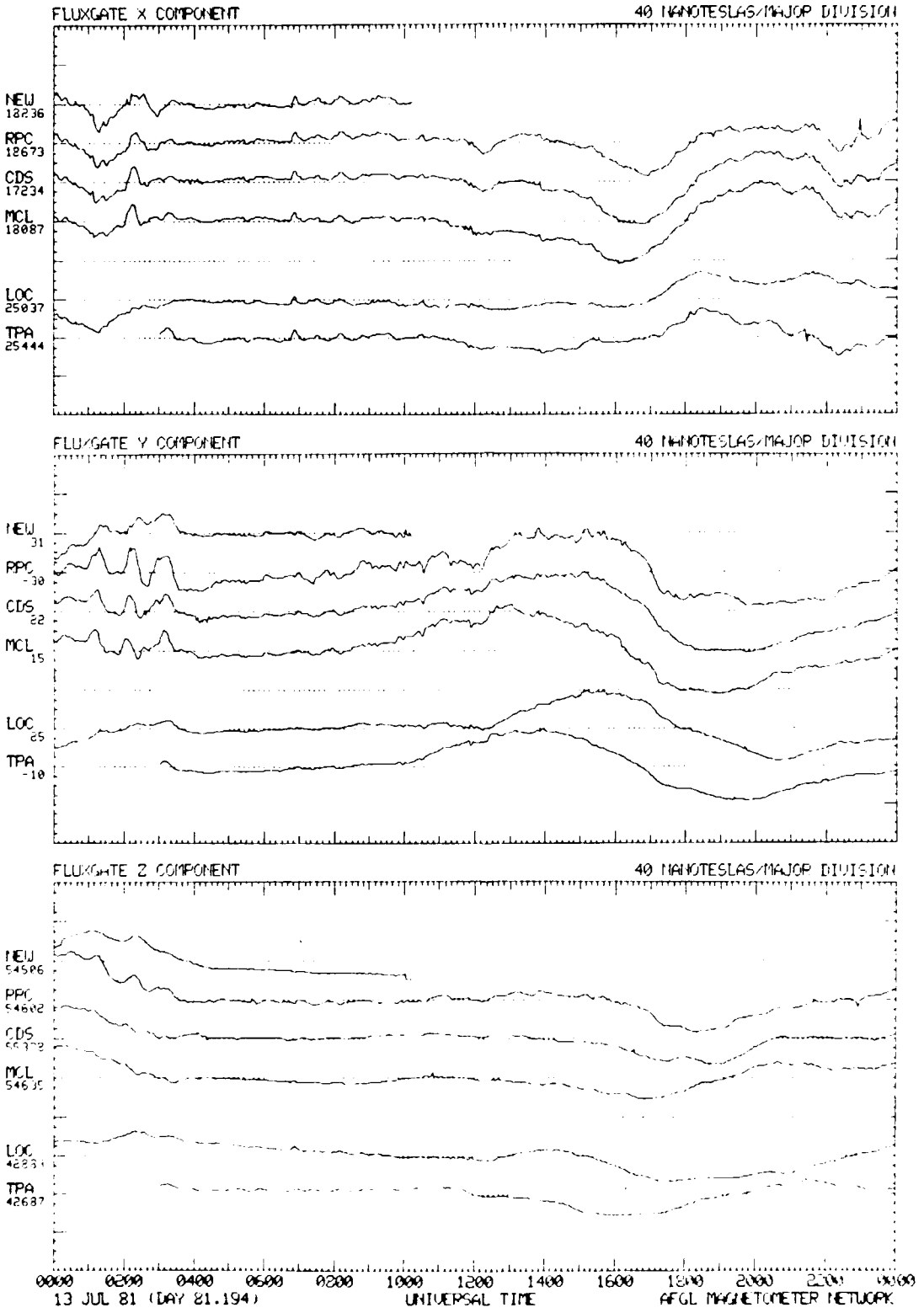
12 JUL 81 (DAY 81.193)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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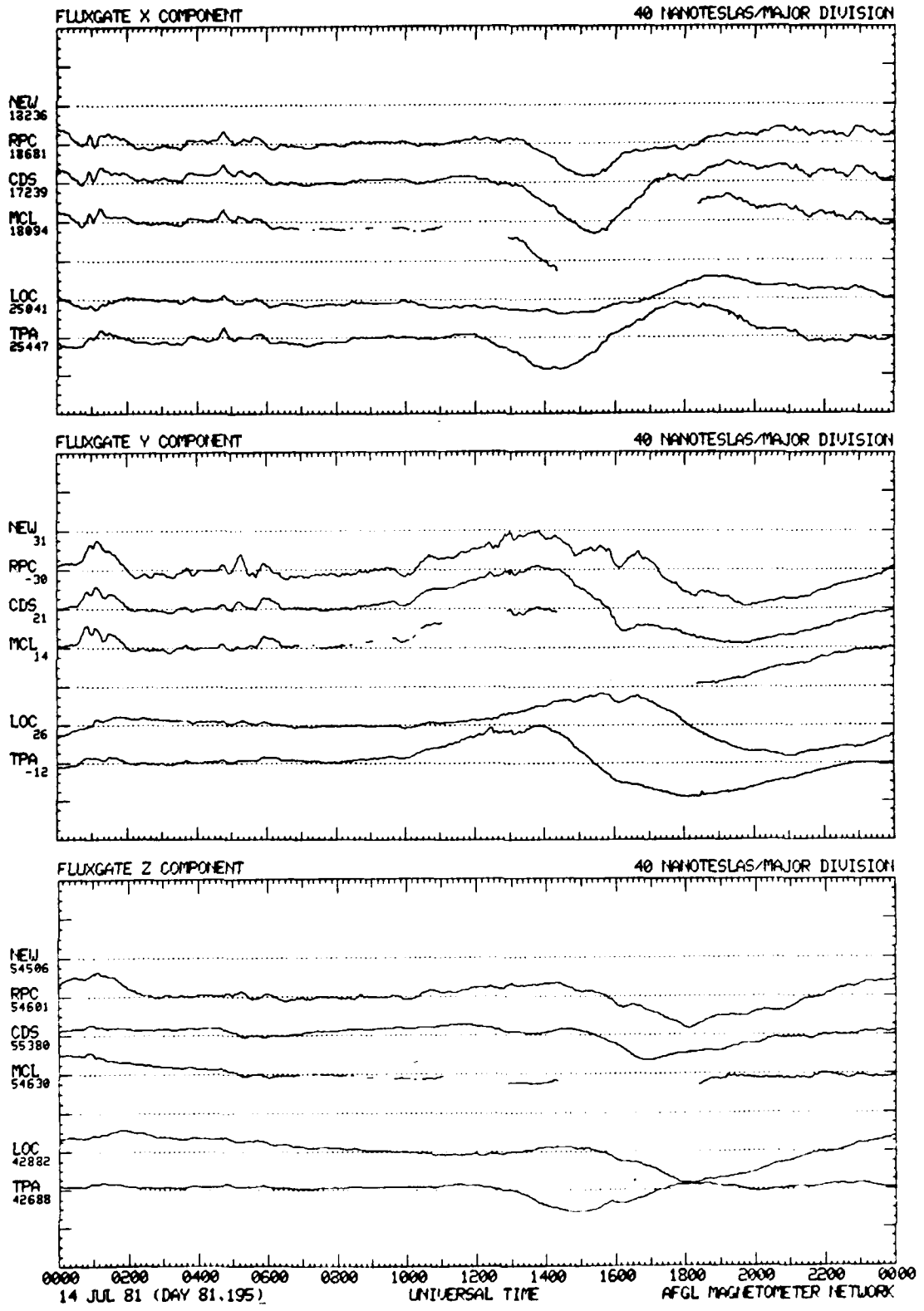
NEW
18236
RPC
18673
CDS
17234
MCL
18087
LOC
25037
TPA
25444
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-30
CDS
22
MCL
15
LOC
65
TPA
-10
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54586
RPC
54602
CDS
54672
MCL
54635
LOC
42831
TPA
42687
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
13 JUL 81 (DAY 81.194)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
13236
RPC
18681
CDS
17239
MCL
18094
LOC
25041
TPA
25447
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-30
CDS
21
MCL
14
LOC
26
TPA
-12
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
RPC
54601
CDS
55380
MCL
54630
LOC
42882
TPA
42688
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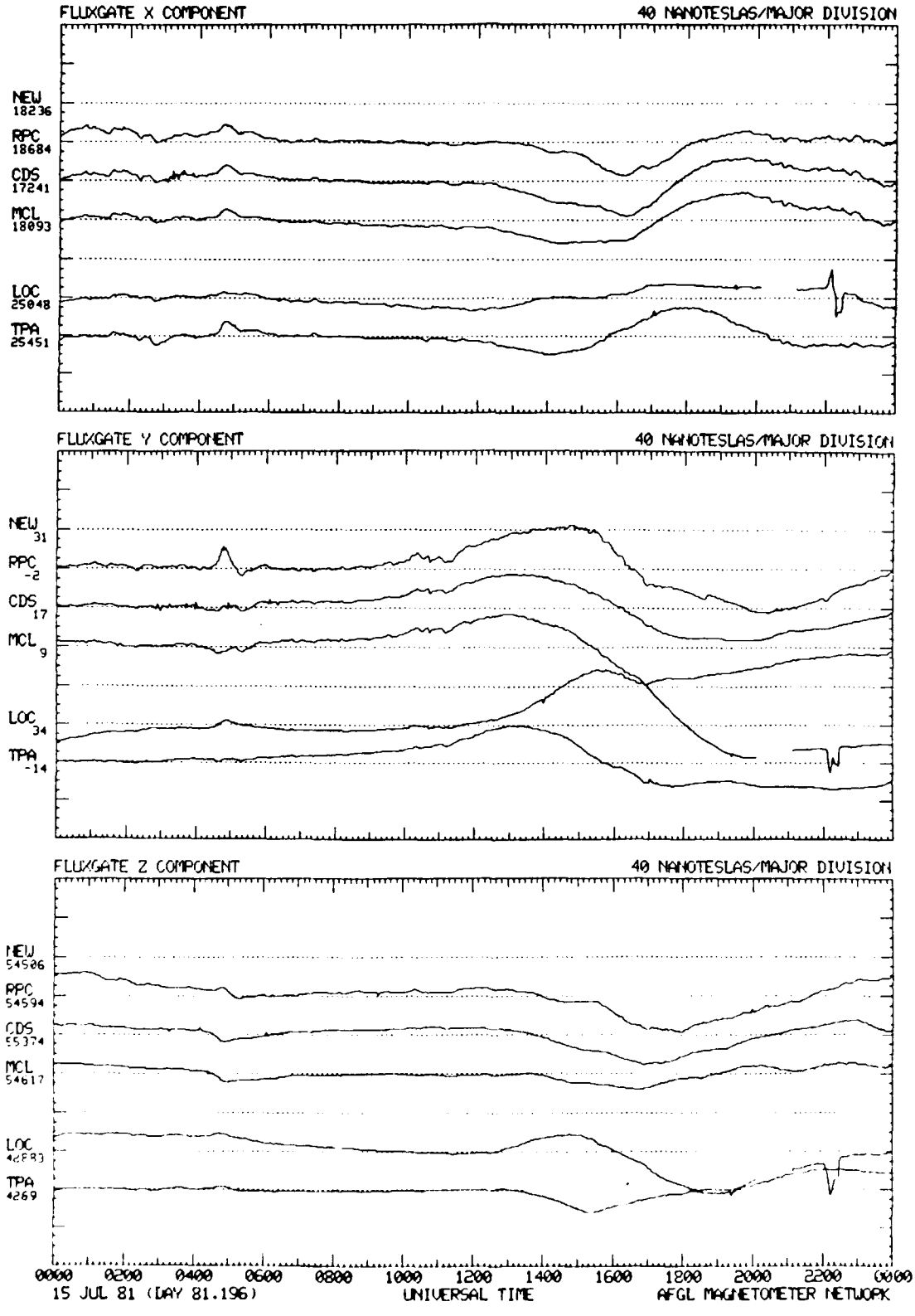
14 JUL 81 (DAY 81.195)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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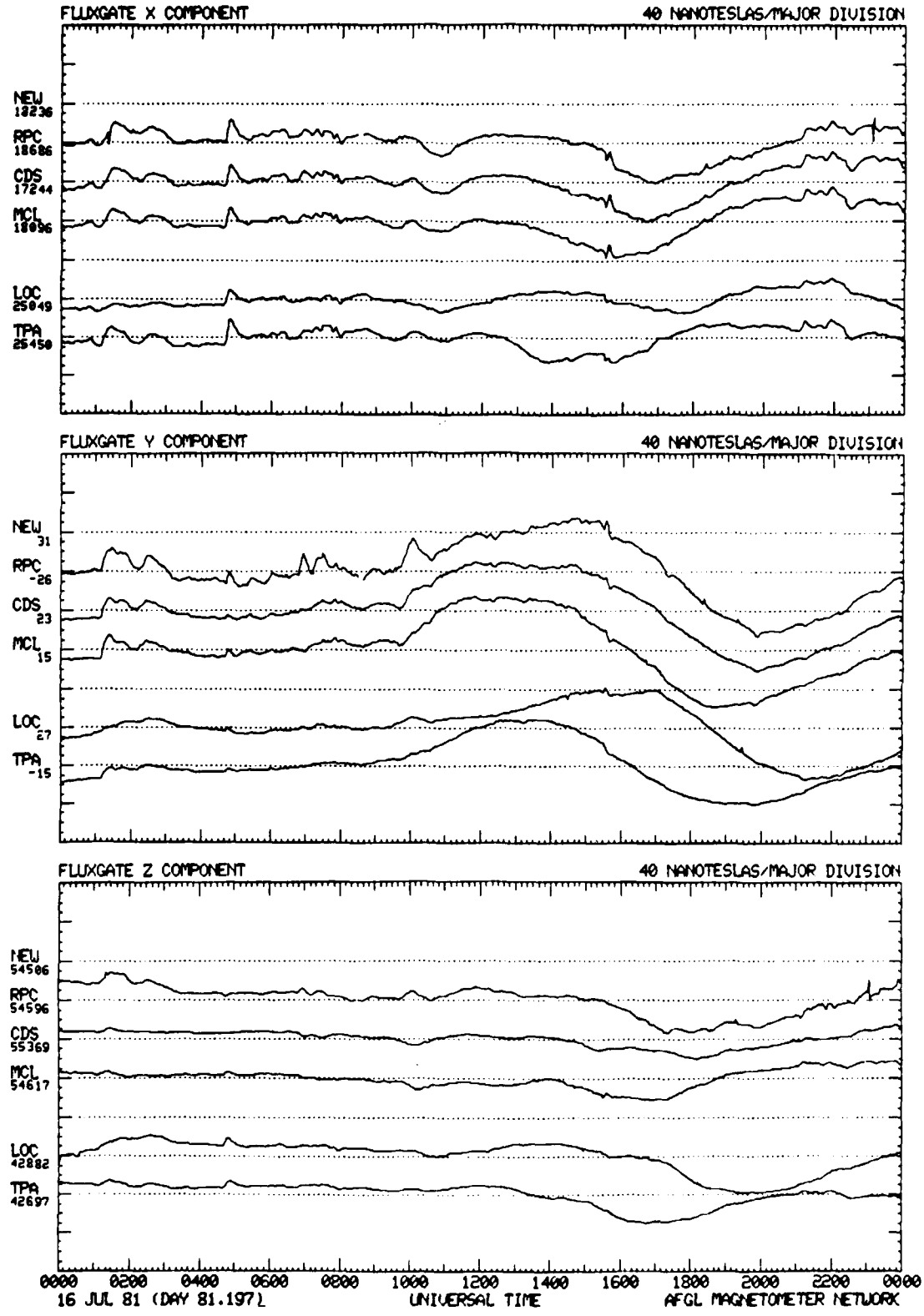
NEW
18236
RPC
18684
CDS
17241
MCL
18093
LOC
25048
TPA
25451
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-2
CDS
17
MCL
9
LOC
34
TPA
-14
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
RPC
54594
CDS
55374
MCL
54617
LOC
TPA
4269
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 JUL 81 (DAY 81.196)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18686
CDS
17244
MCL
18096
LOC
25049
TPA
25450
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-26
CDS
23
MCL
15
LOC
27
TPA
-15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
RPC
54596
CDS
55369
MCL
54617
LOC
42882
TPA
42697
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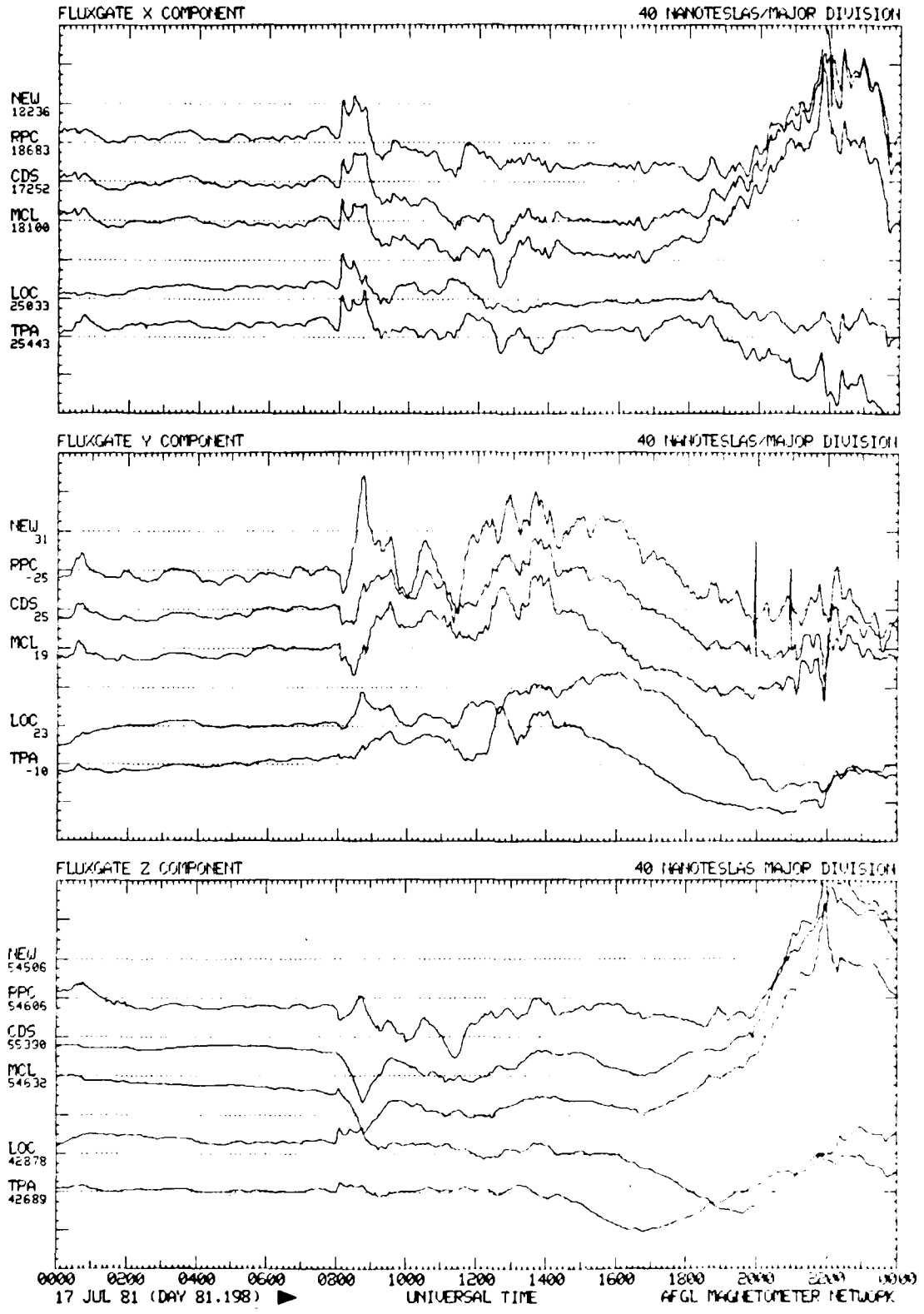
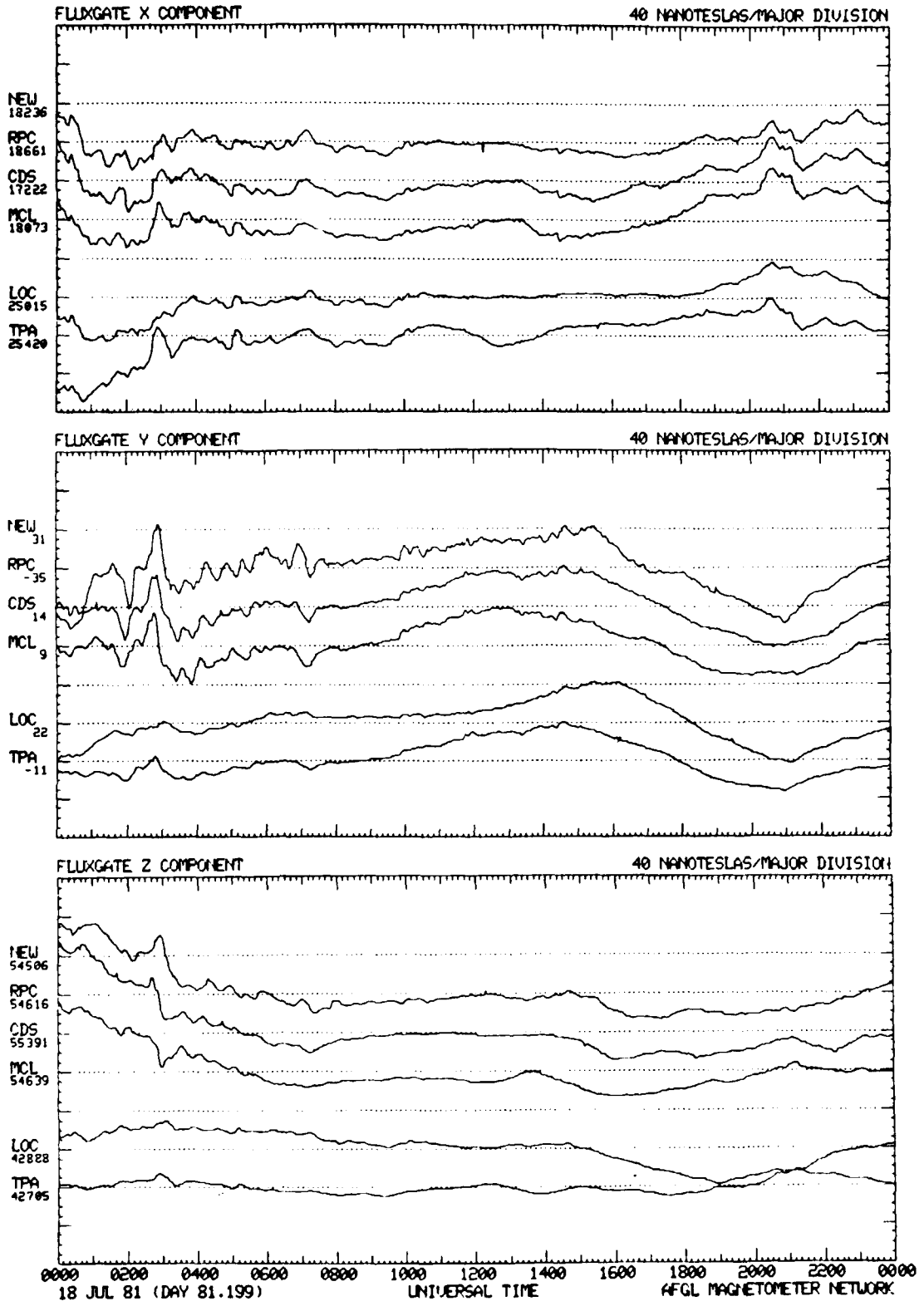
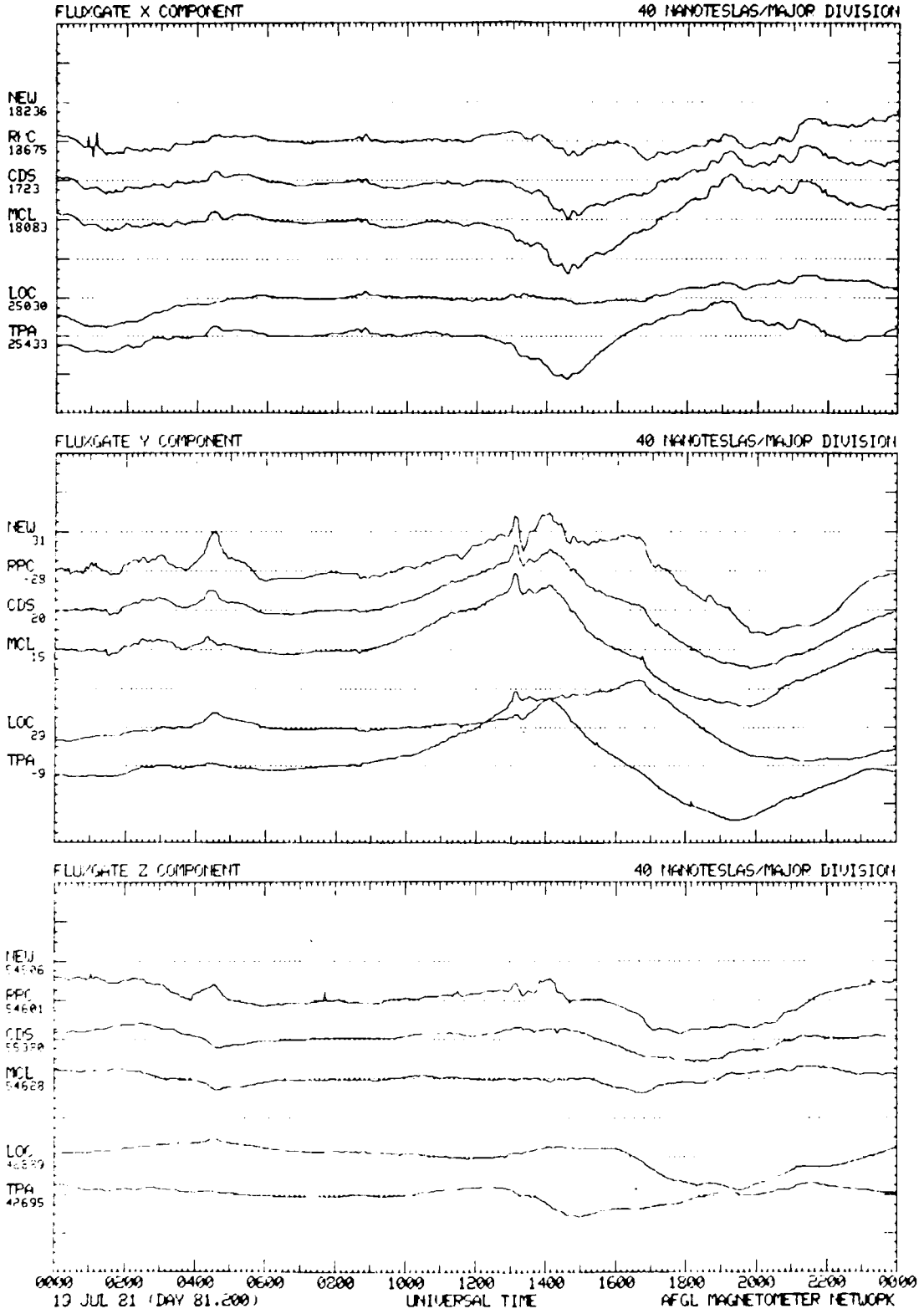
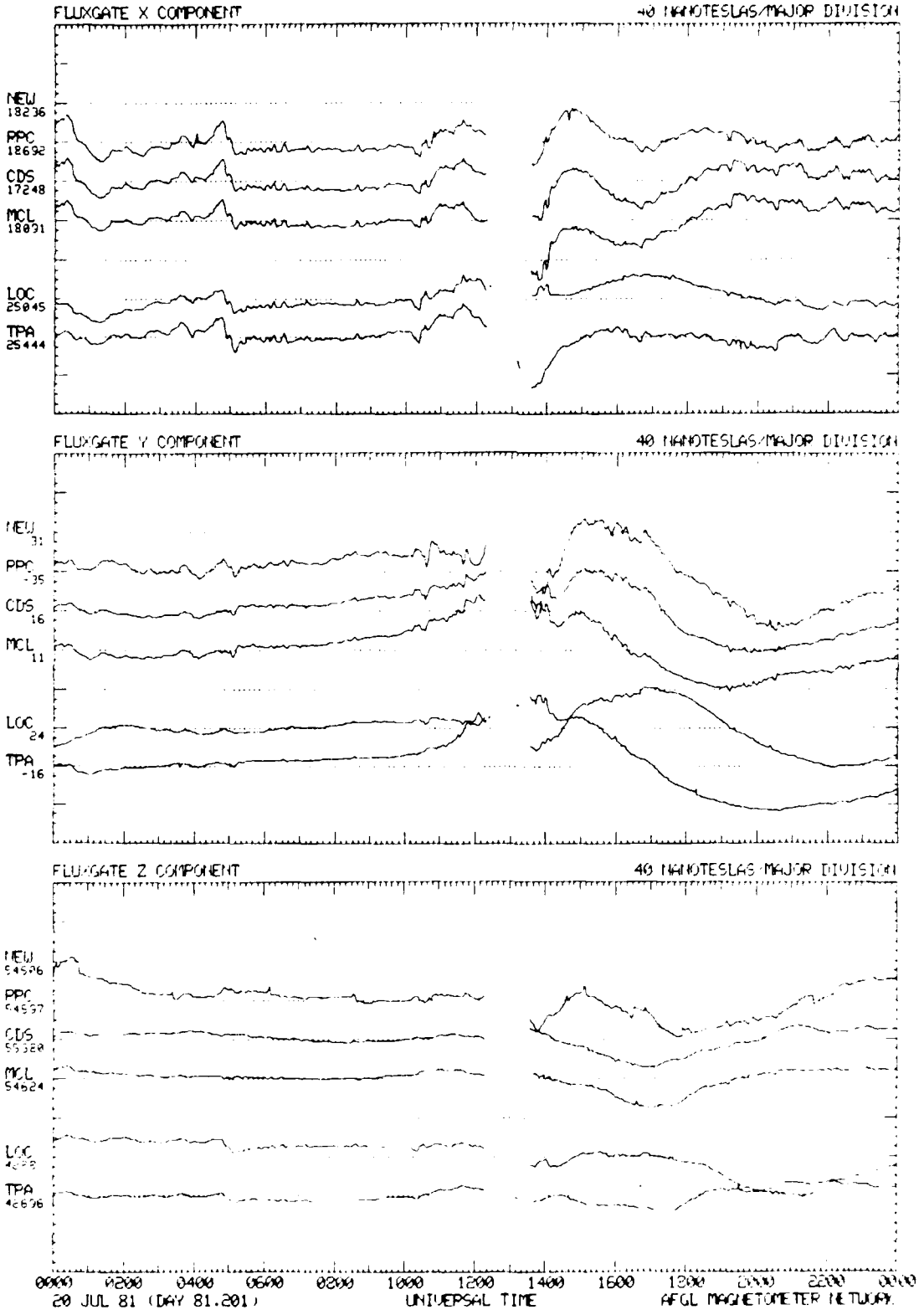
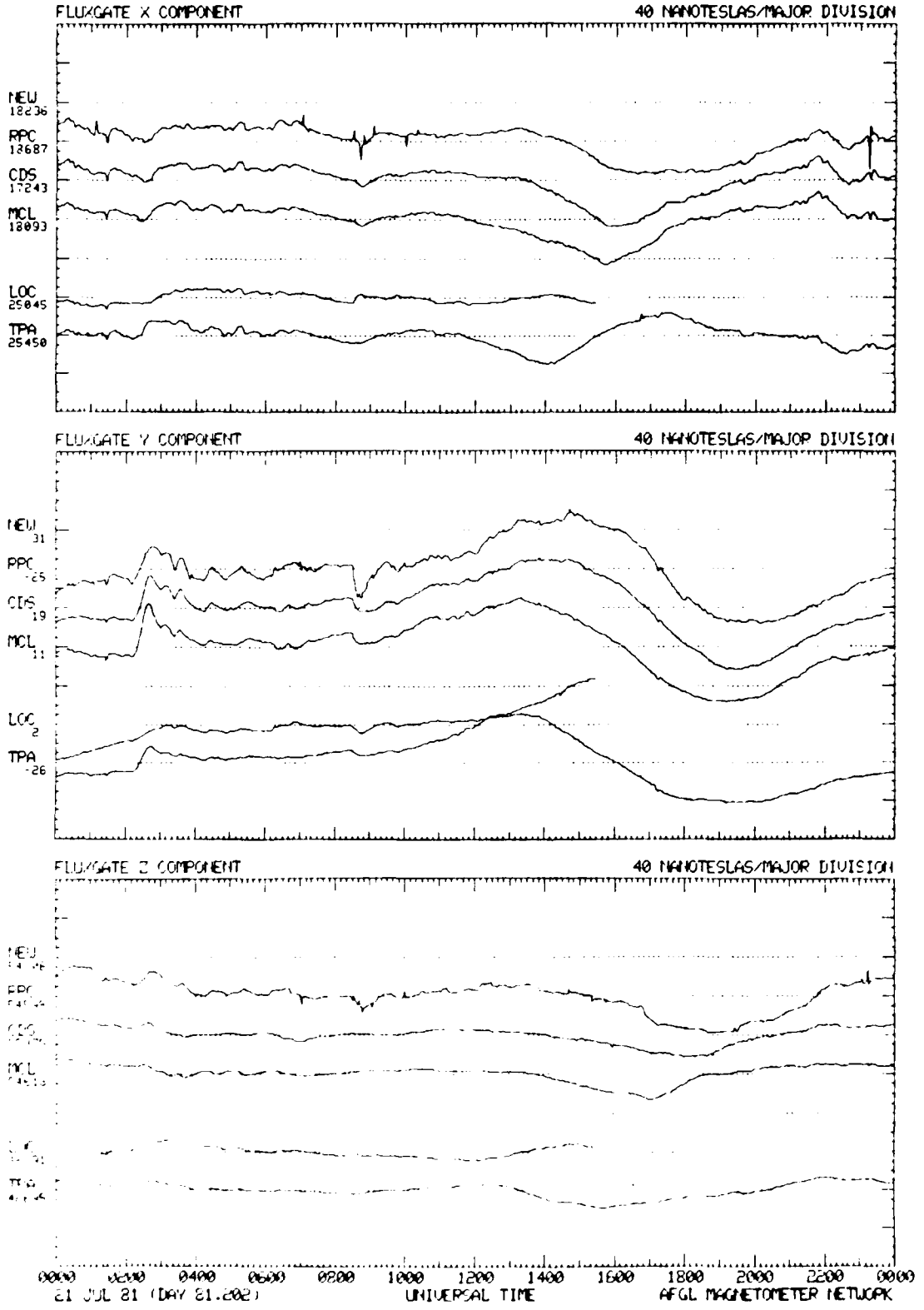
16 JUL 81 (DAY 81.197)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

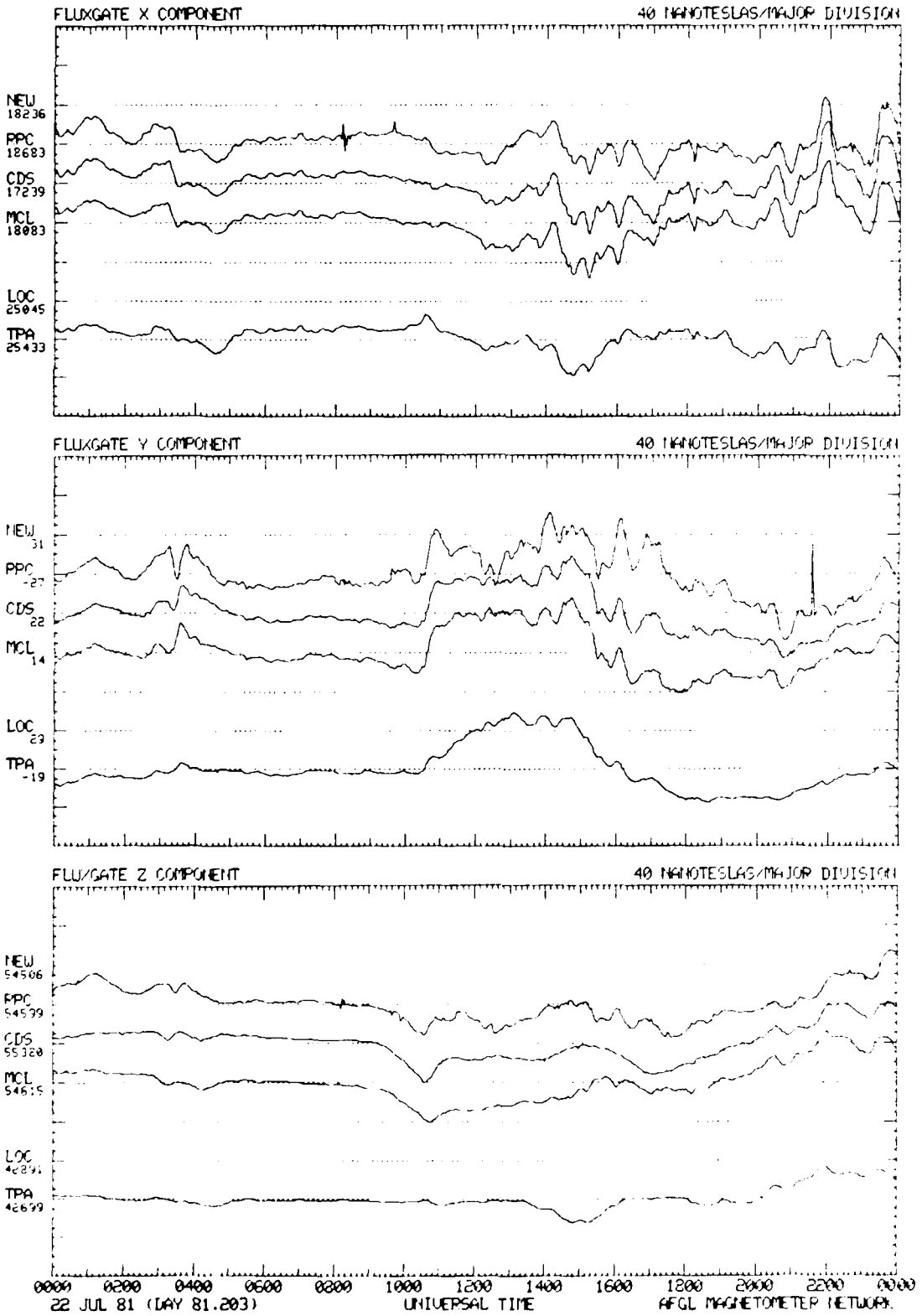

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12236
RPC
18683
CDS
17252
MCL
18100
LOC
25033
TPA
25443
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
PPC
-25
CDS
25
MCL
19
LOC
23
TPA
-10
FLUXGATE Z COMPONENT
40 NANOTESLAS MAJOR DIVISION
NEW
54506
PPC
54606
CDS
55390
MCL
54632
LOC
42878
TPA
42689
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
17 JUL 81 (DAY 81.198)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

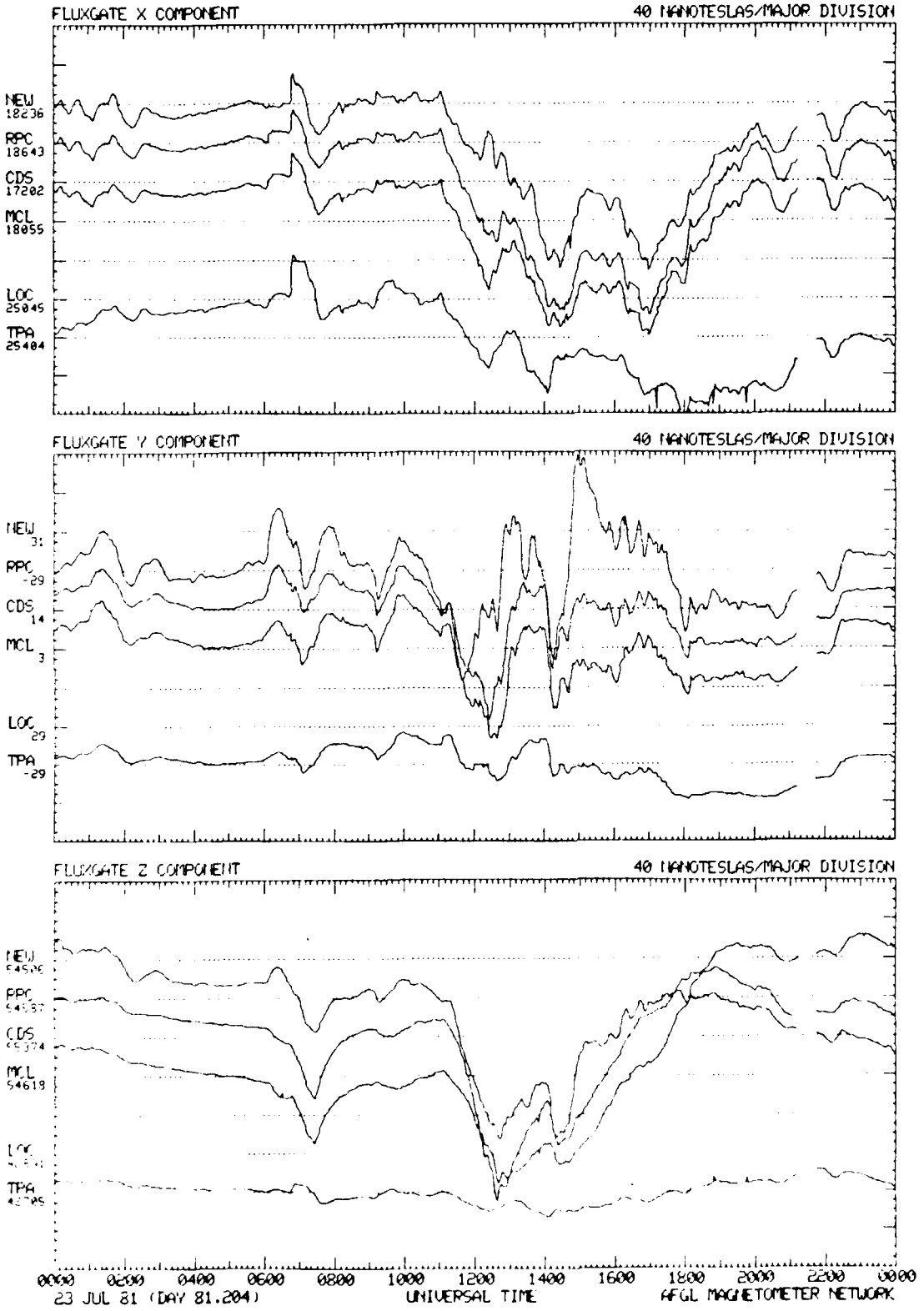

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18661
CDS
17222
MCL
18073
LOC
25015
TPA
25420
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-35
CDS
14
MCL
9
LOC
22
TPA
-11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
RPC
54616
CDS
55391
MCL
54639
LOC
42828
TPA
42705
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 JUL 81 (DAY 81.199)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

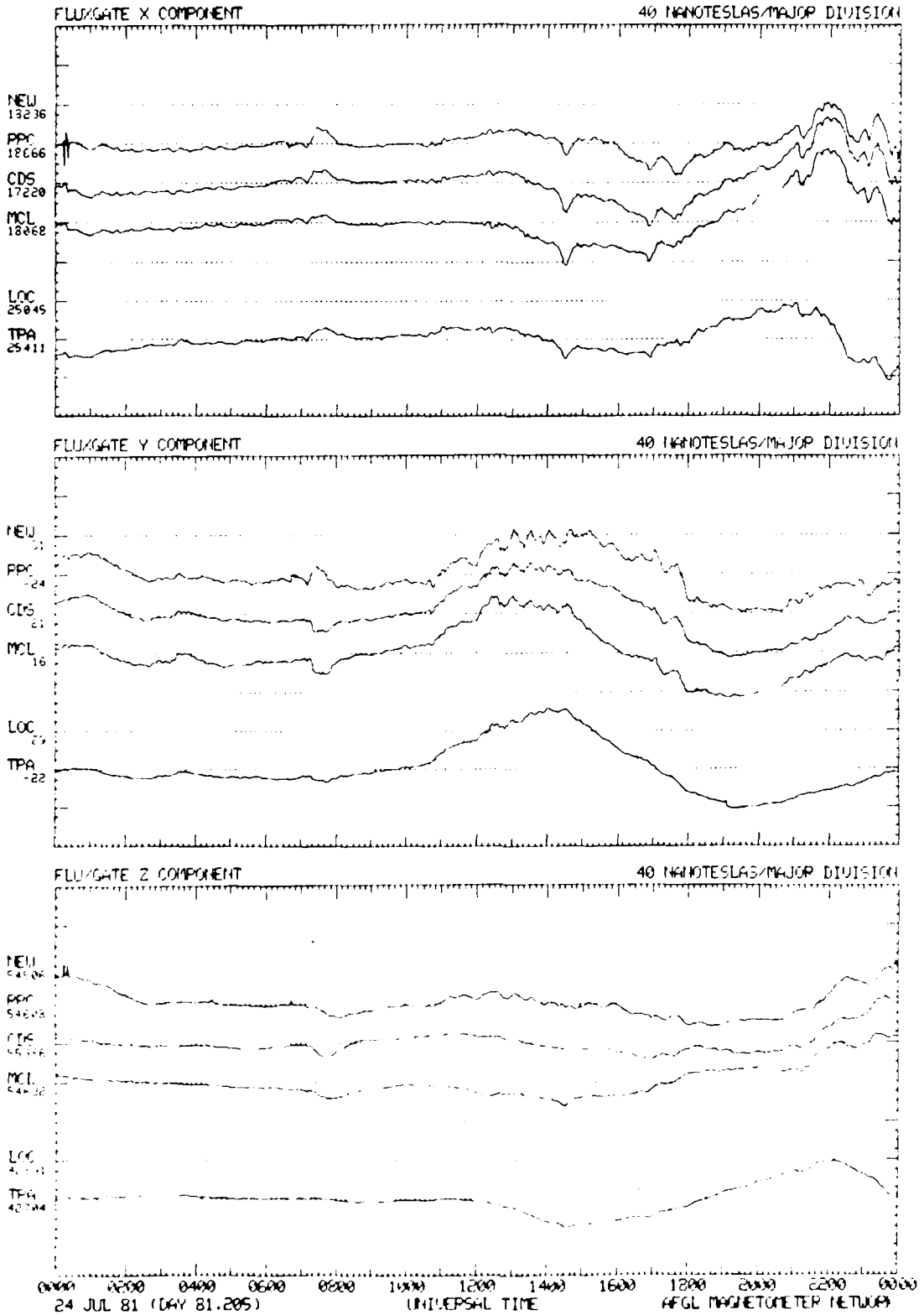

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RIC
18675
CDS
1723
MCL
18083
LOC
25030
TPA
25433
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
PPC
-28
CDS
20
MCL
15
LOC
29
TPA
-9
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
54601
CDS
MCL
54628
LOC
TPA
42695
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
19 JUL 81 (DAY 81.200)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

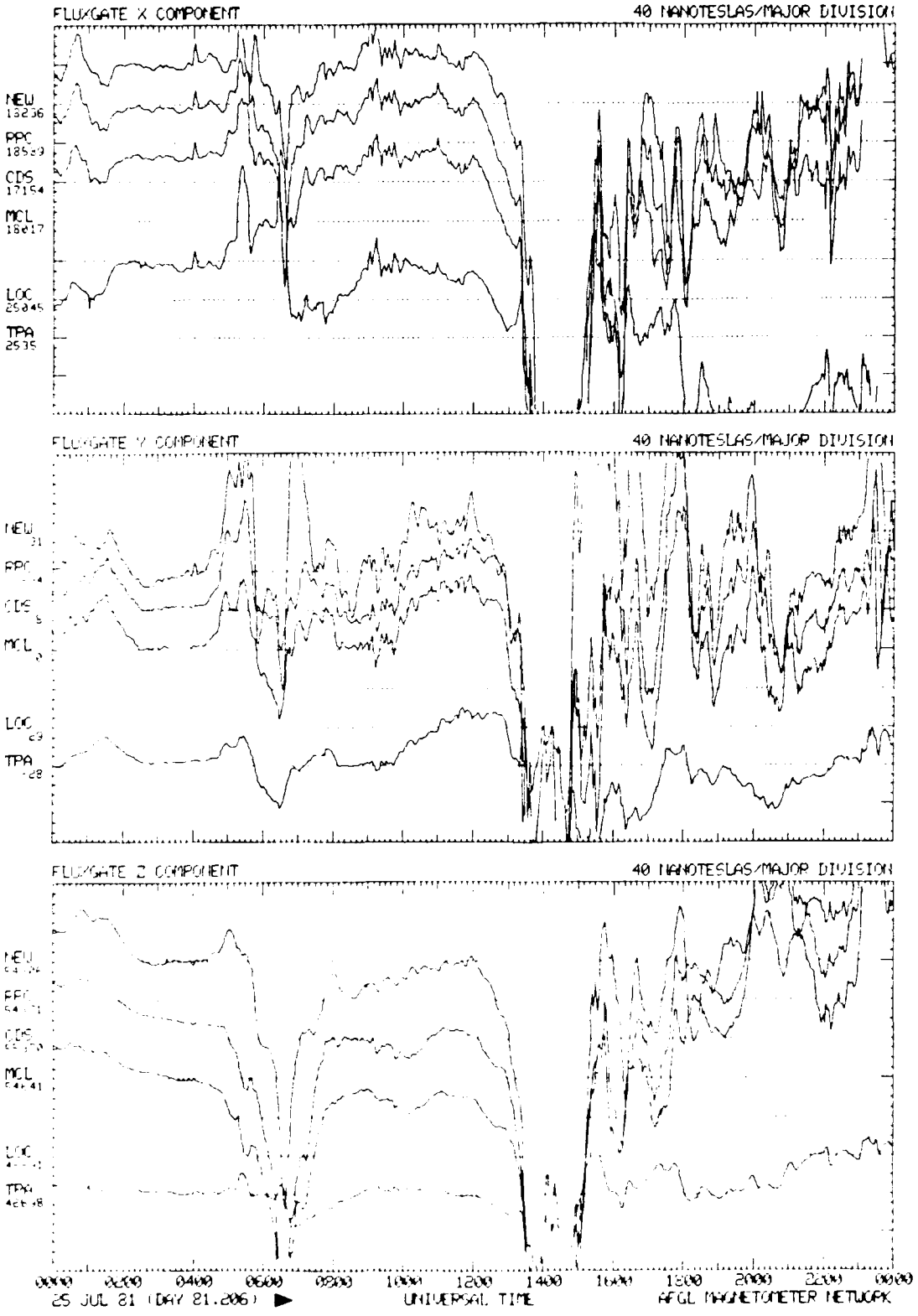

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
PPC
18692
CDS
17248
MCL
18091
LOC
25045
TPA
25444
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
PPC
-35
CDS
16
MCL
11
LOC
24
TPA
-16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
94596
PPC
94597
CDS
95328
MCL
94624
TPA
46696
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
20 JUL 81 (DAY 81.201)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

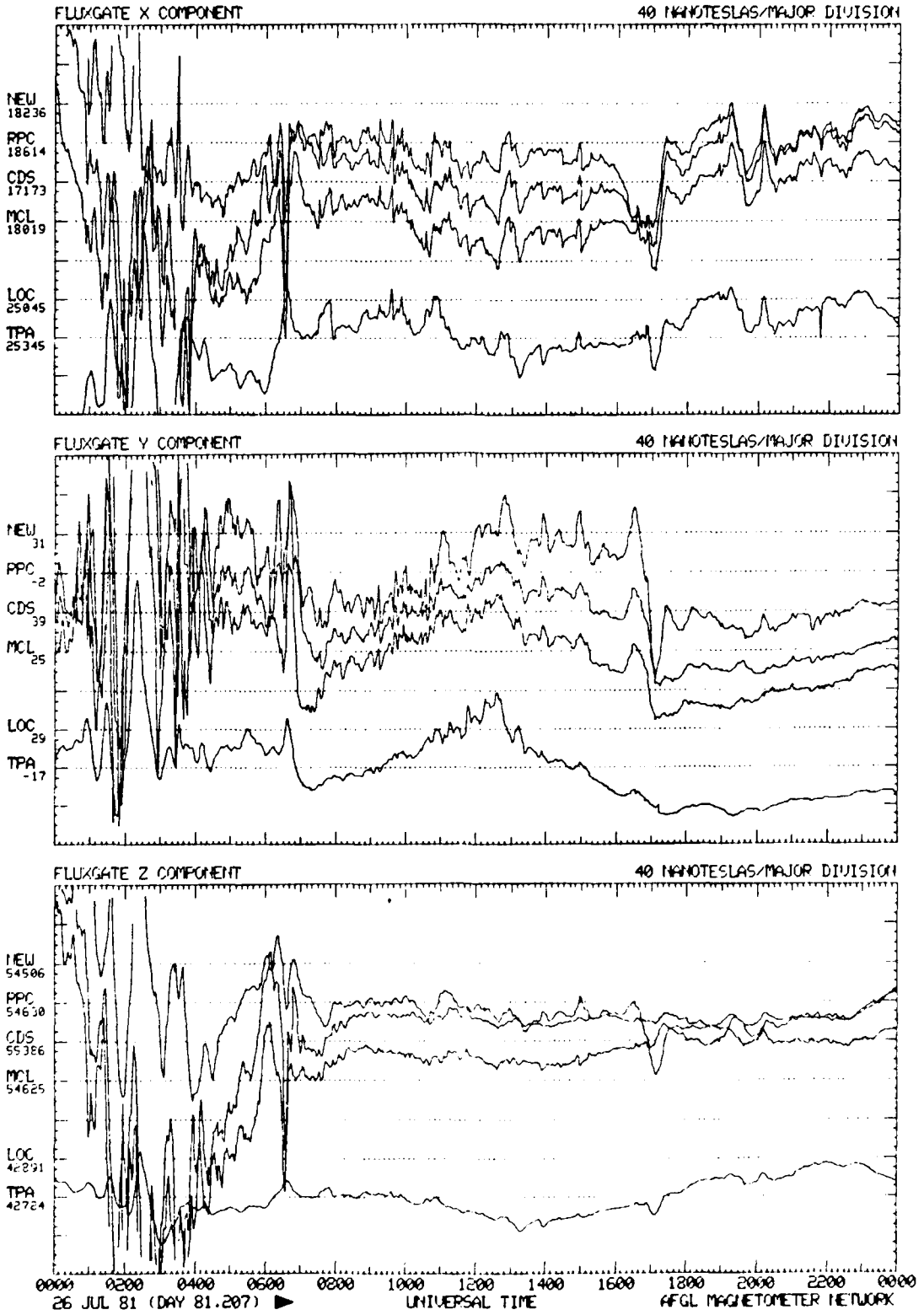

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18687
CDS
17243
MCL
18093
LOC
25045
TPA
25450
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-25
CDS
19
MCL
11
LOC
2
TPA
-26
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
21 JUL 81 (DAY 81.202)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

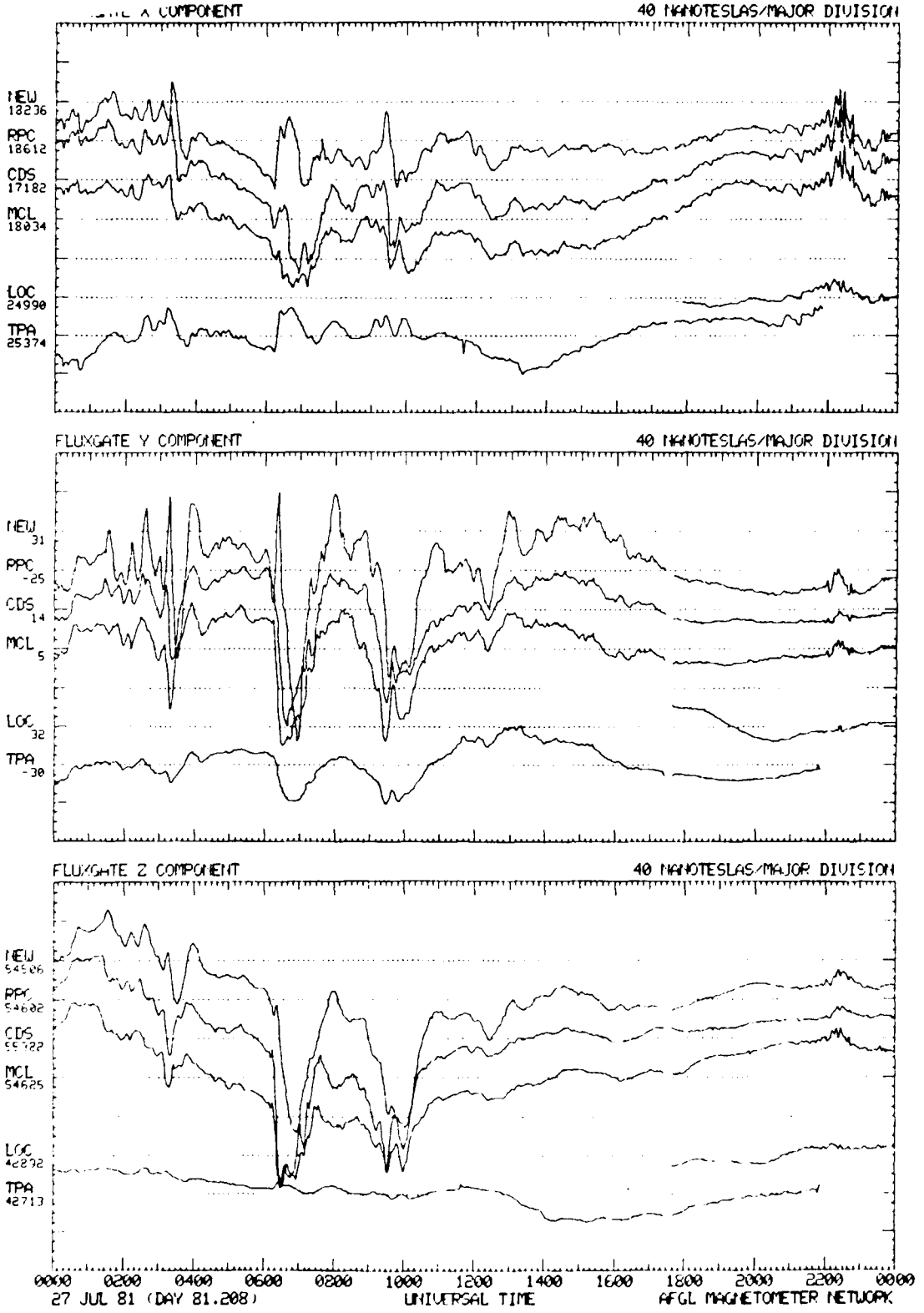

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
PPC
18683
CDS
17239
MCL
18083
LOC
25045
TPA
25433
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
PPC
-27
CDS
22
MCL
14
LOC
29
TPA
-19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
PPC
54599
CDS
55180
MCL
54615
LOC
TPA
42699
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 JUL 81 (DAY 81.203)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

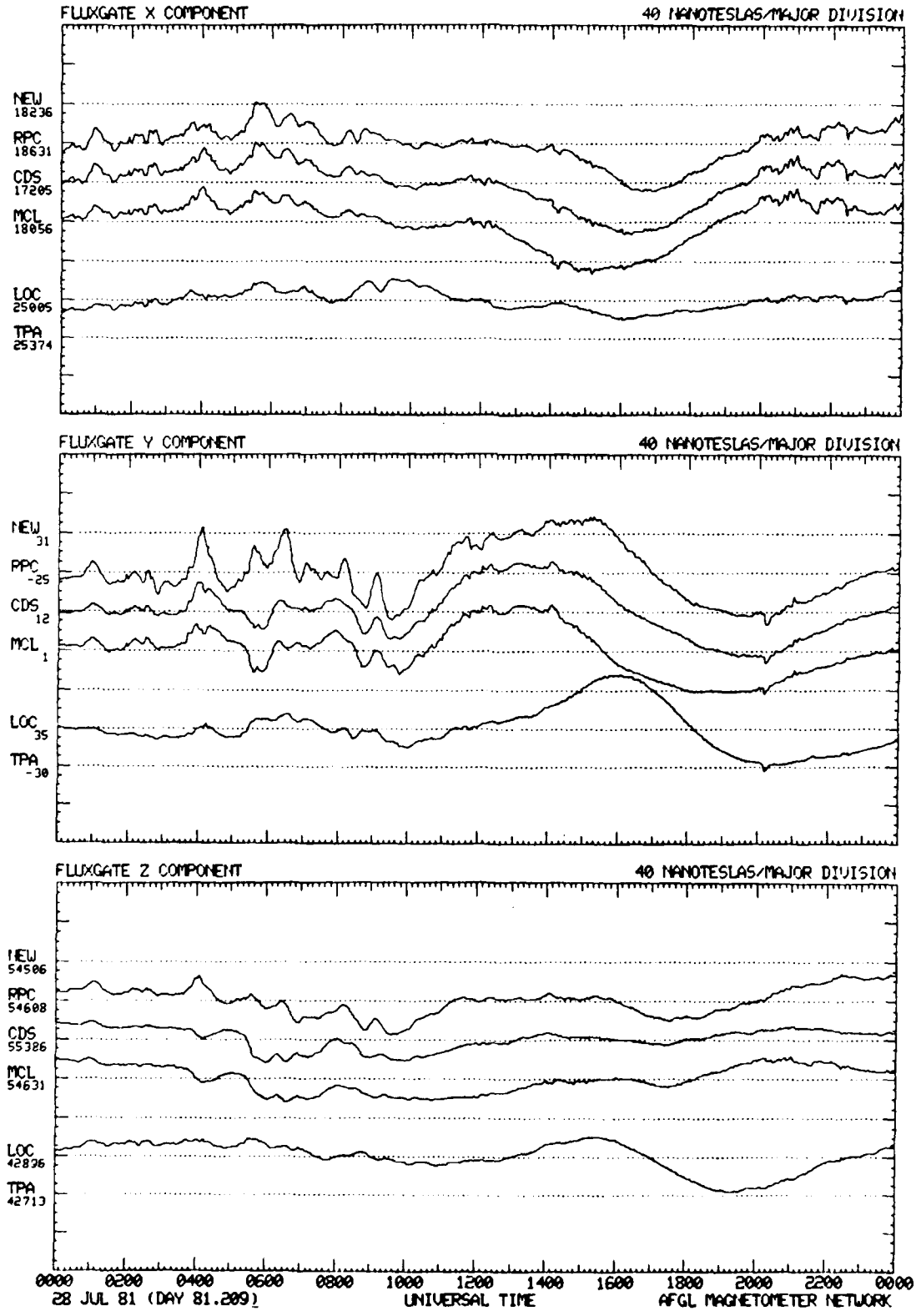

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18643
CDS
17202
MCL
18055
LOC
25045
TPA
25404
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-29
CDS
14
MCL
3
LOC
29
TPA
-29
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
RPC
CDS
MCL
54618
LOC
TPA
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 JUL 81 (DAY 81.204)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

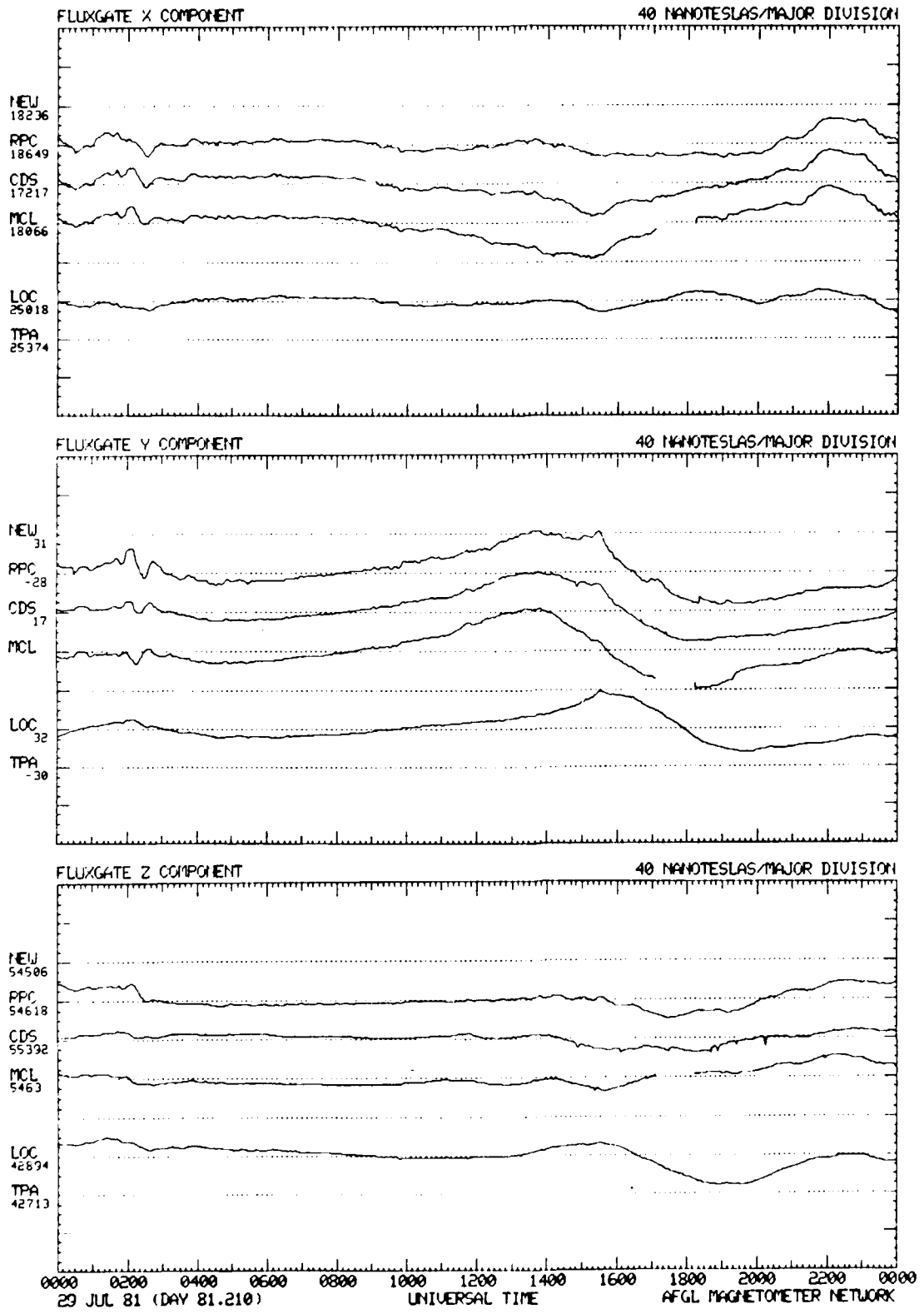

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13236
PPC
18066
CDS
17220
MCL
18062
LOC
25045
TPA
25411
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
CDS
MCL
16
LOC
TPA
-22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
CDS
MCL
LOC
TPA
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
24 JUL 81 (DAY 81.205)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13206
PPC
18589
CDS
17154
MCL
18017
LOC
25045
TPA
2535
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
25 JUL 81 (DAY 81.206)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
PPC
18614
CDS
17173
MCL
18019
LOC
25045
TPA
25345
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
PPC
-2
CDS
39
MCL
25
LOC
29
TPA
-17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
PPC
54630
CDS
55386
MCL
54625
LOC
42891
TPA
42724
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 JUL 81 (DAY 81.207)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


A COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18612
CDS
17182
MCL
18034
LOC
24990
TPA
25374
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-25
CDS
14
MCL
5
LOC
32
TPA
-30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54586
RPC
54602
CDS
55722
MCL
54625
LOC
42872
TPA
42713
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 JUL 81 (DAY 81.208)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18631
CDS
17205
MCL
18056
LOC
25005
TPA
25374
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-25
CDS
12
MCL
1
LOC
35
TPA
-30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
RPC
54608
CDS
55386
MCL
54631
LOC
42896
TPA
42713
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 JUL 81 (DAY 81.209)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18649
CDS
17217
MCL
18066
LOC
25018
TPA
25374
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-28
CDS
17
MCL
LOC
32
TPA
-30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
RPC
54618
CDS
55392
MCL
5463
LOC
42894
TPA
42713
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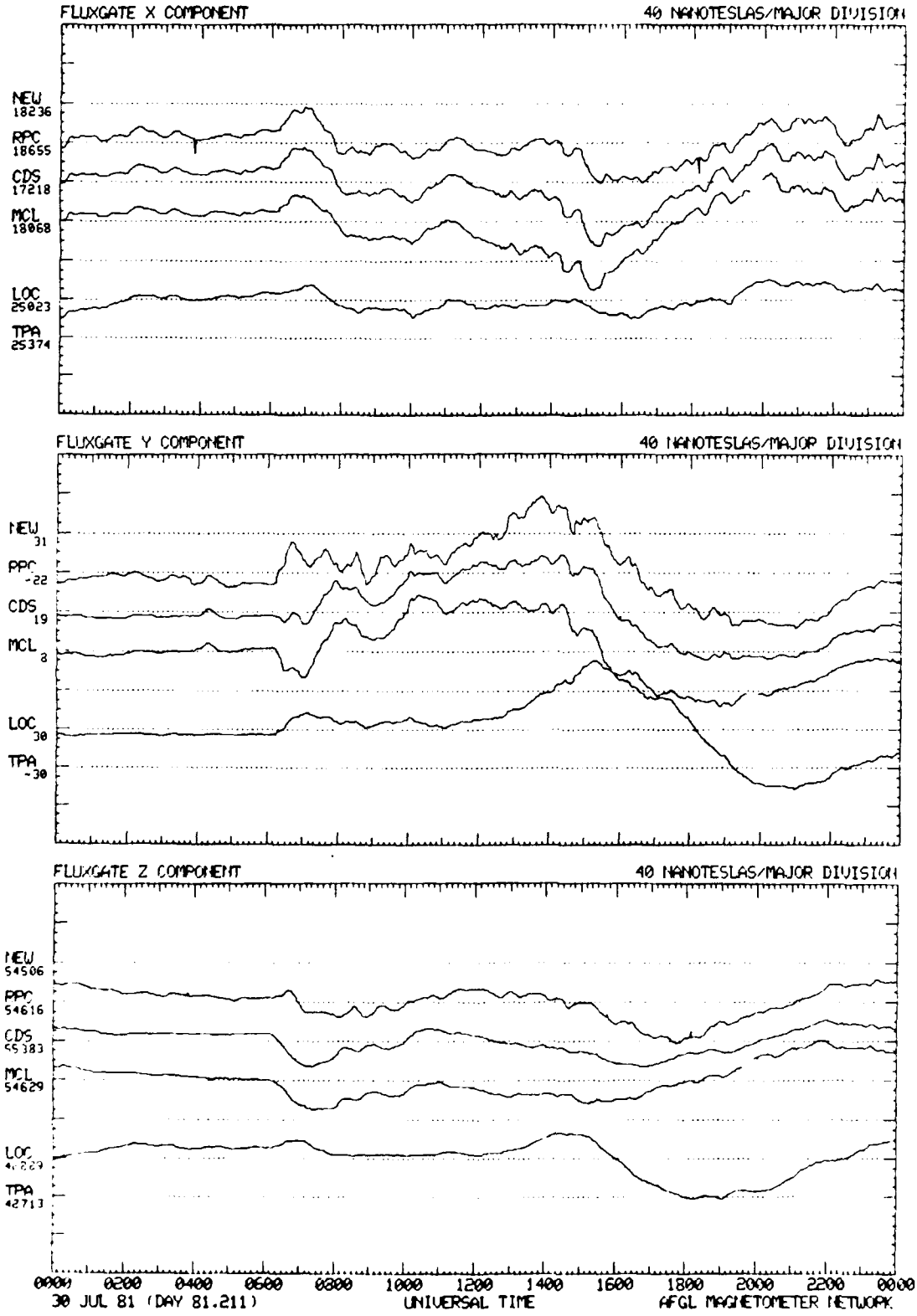
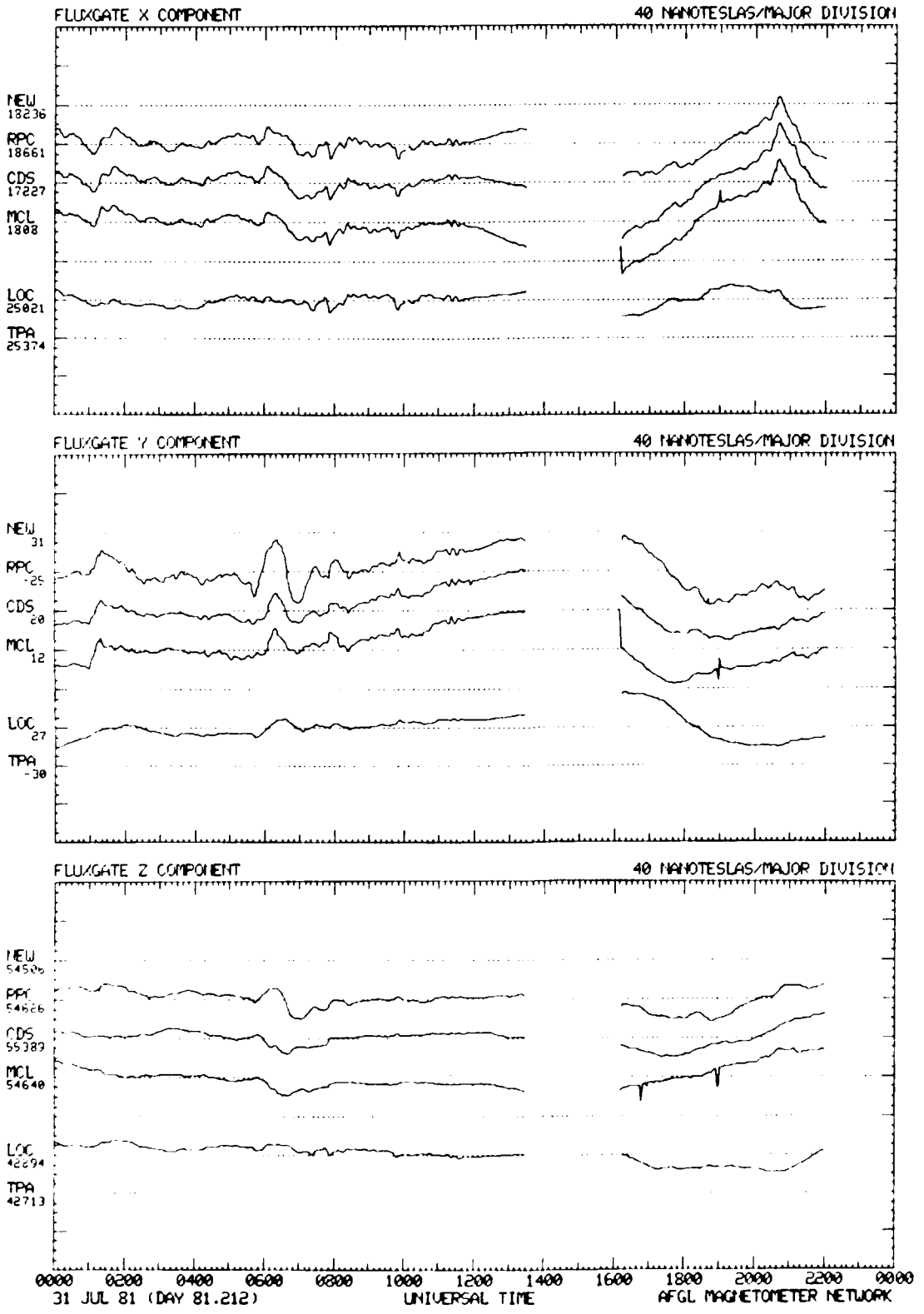
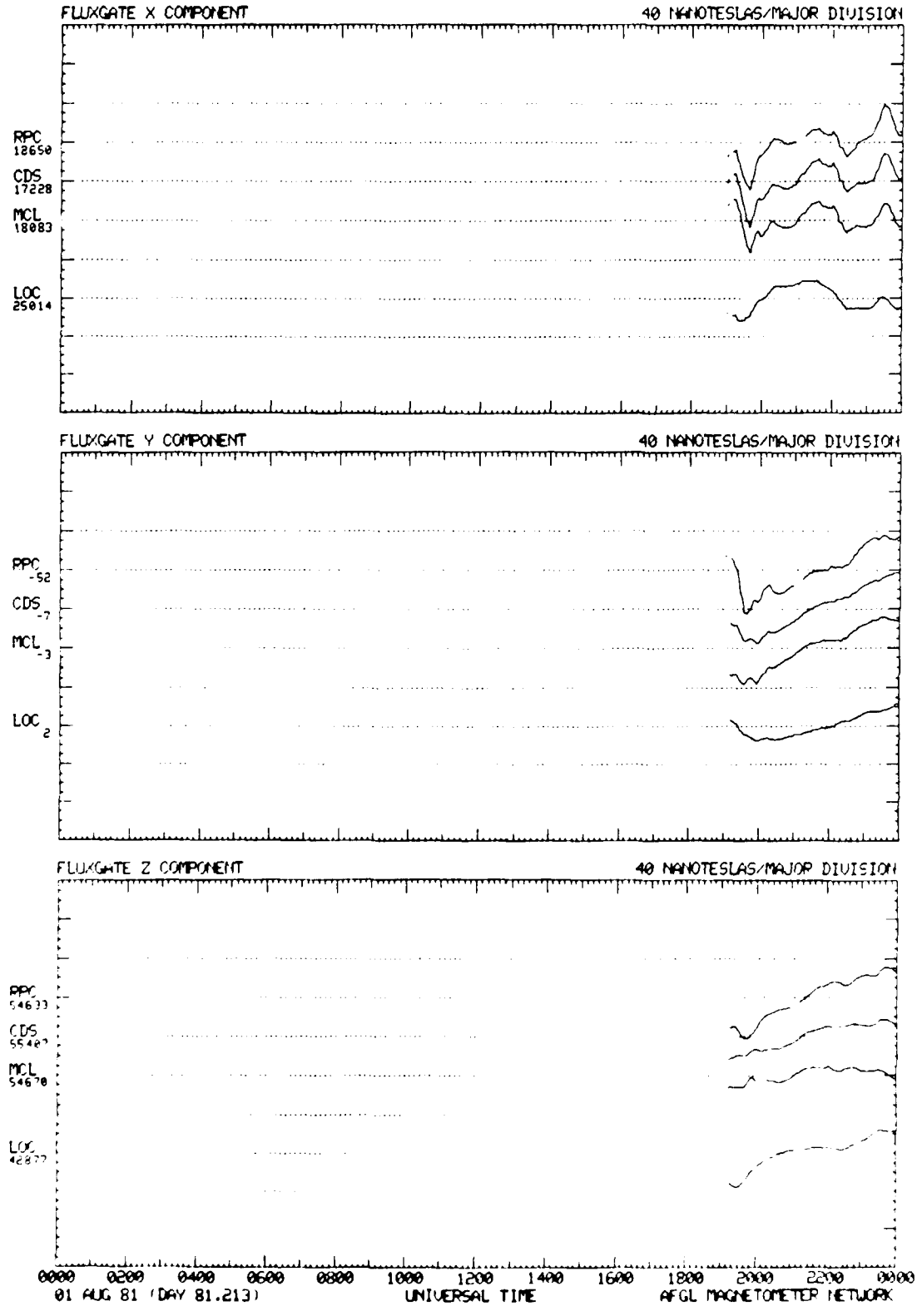
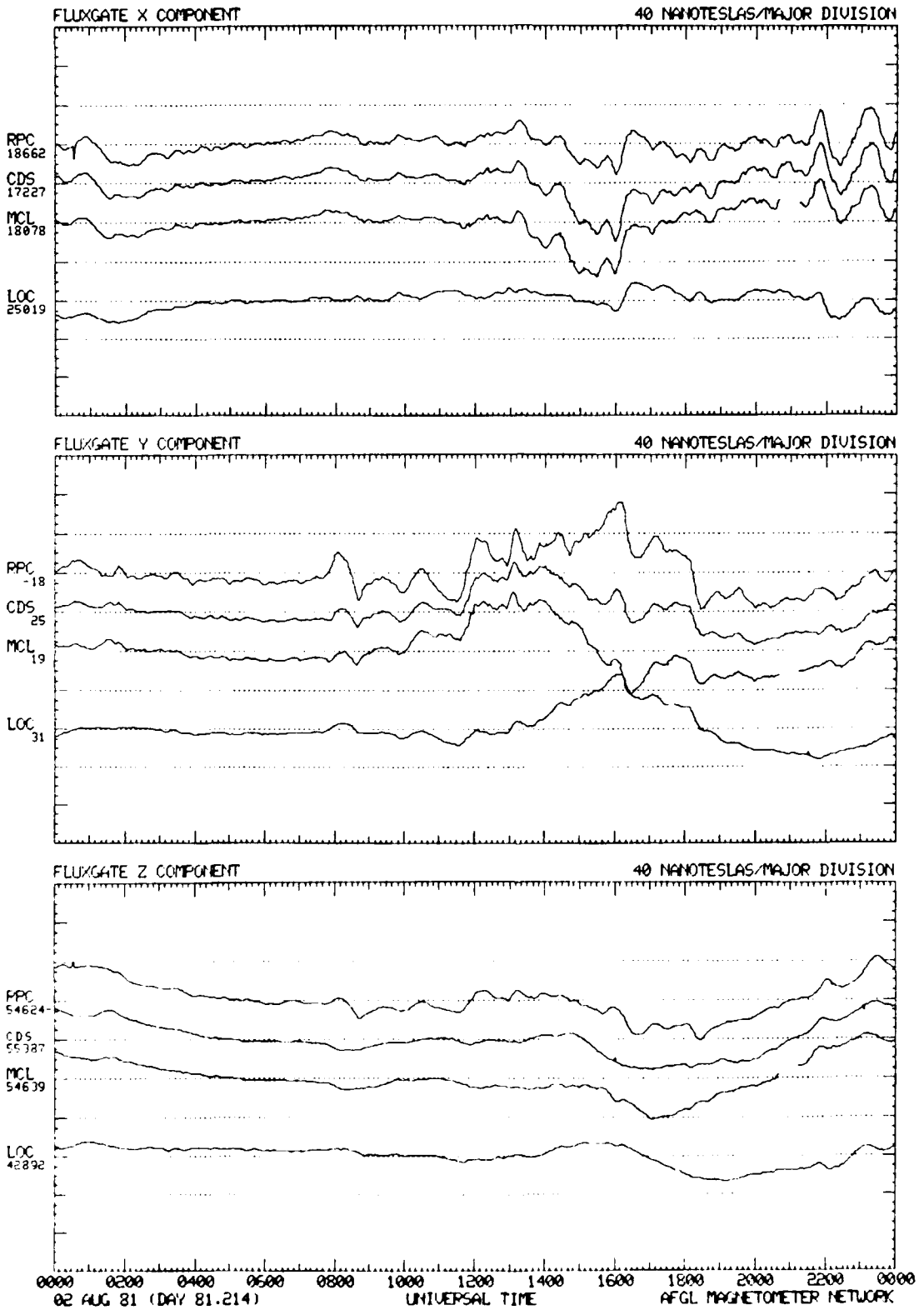
29 JUL 81 (DAY 81.210)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18655
CDS
17218
MCL
18068
LOC
25023
TPA
25374
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-22
CDS
19
MCL
8
LOC
30
TPA
-30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
RPC
54616
CDS
55383
MCL
54629
LOC
42713
TPA
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 JUL 81 (DAY 81.211)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18661
CDS
17227
MCL
1808
LOC
25021
TPA
25374
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
31
RPC
-25
CDS
20
MCL
12
LOC
27
TPA
-30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54506
RPC
54666
CDS
55389
MCL
54640
LOC
42694
TPA
42713
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
31 JUL 81 (DAY 81.212)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18650
CDS
17228
MCL
18083
LOC
25014
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-52
CDS
-7
MCL
-3
LOC
2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54633
CDS
MCL
54670
LOC
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 AUG 81 (DAY 81.213)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18662
CDS
17227
MCL
18078
LOC
25019
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-18
CDS
25
MCL
19
LOC
31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54624
CDS
55387
MCL
54639
LOC
42892
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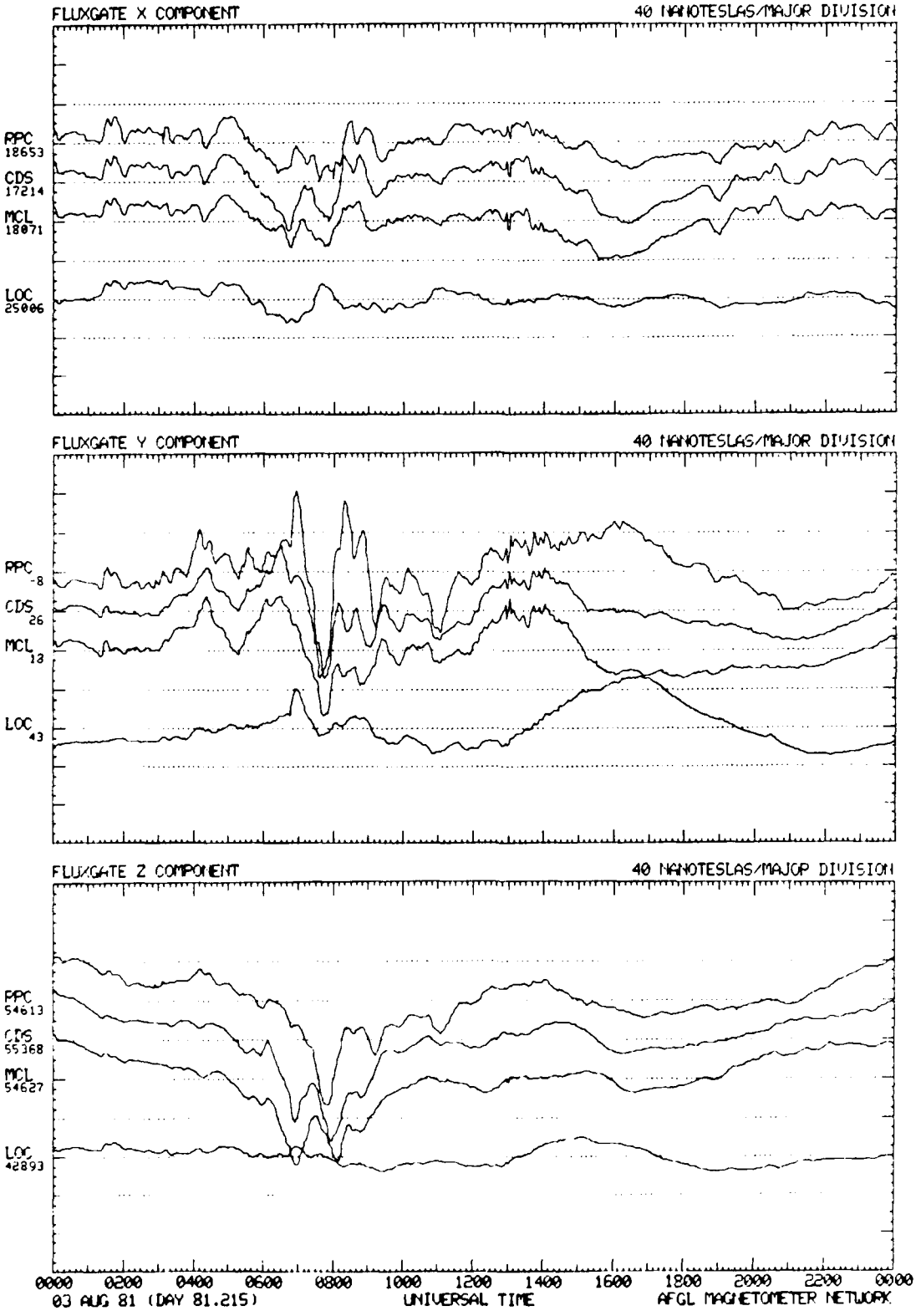
02 AUG 81 (DAY 81.214)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
PPC
18653
CDS
17214
MCL
18071
LOC
25006
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
PPC
-8
CDS
26
MCL
13
LOC
43
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
PPC
54613
CDS
55168
MCL
54627
LOC
42893
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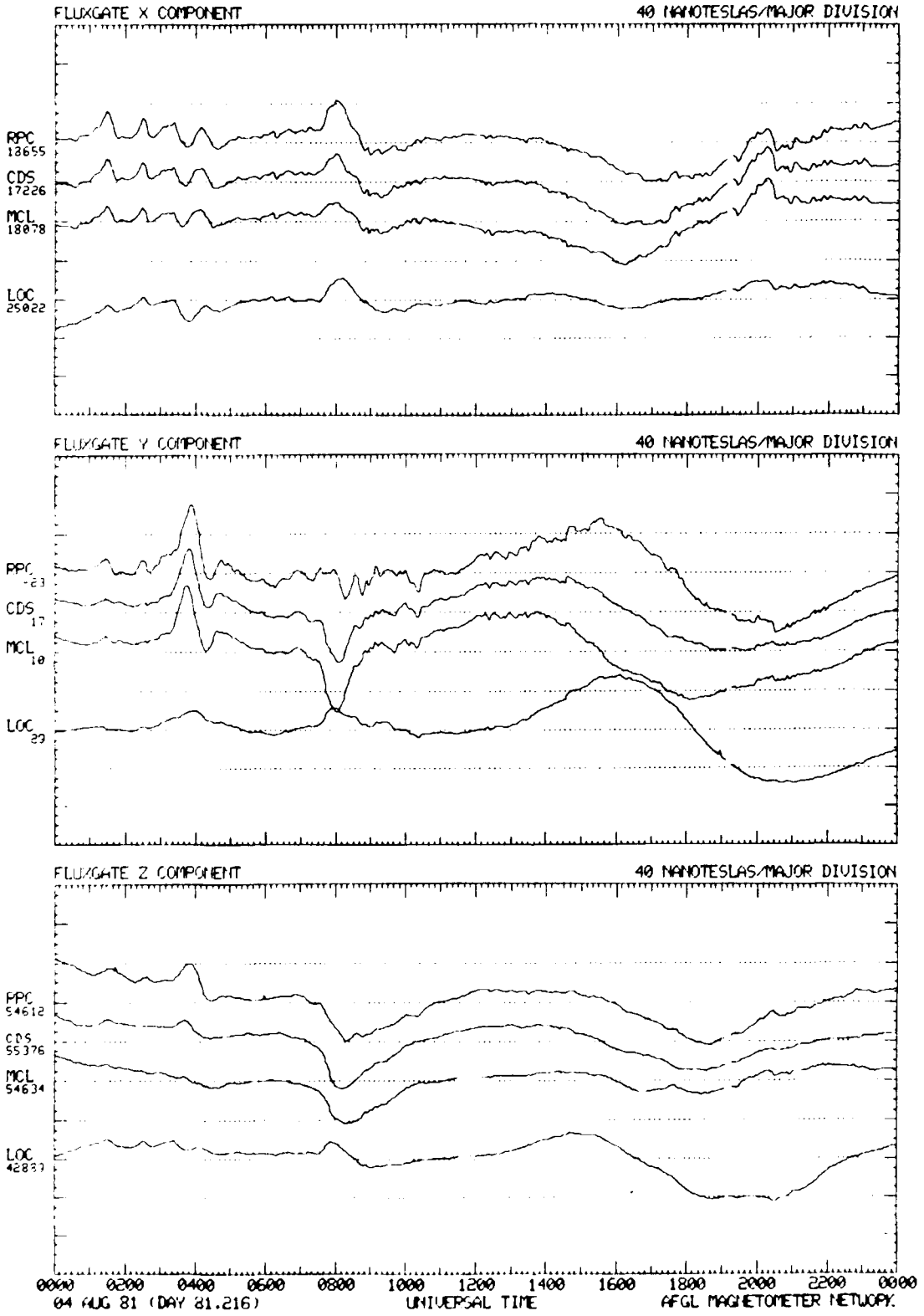
03 AUG 81 (DAY 81.215)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18655
CDS
17226
MCL
18078
LOC
25022
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-23
CDS
17
MCL
10
LOC
29
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54612
CDS
55376
MCL
54634
LOC
42837
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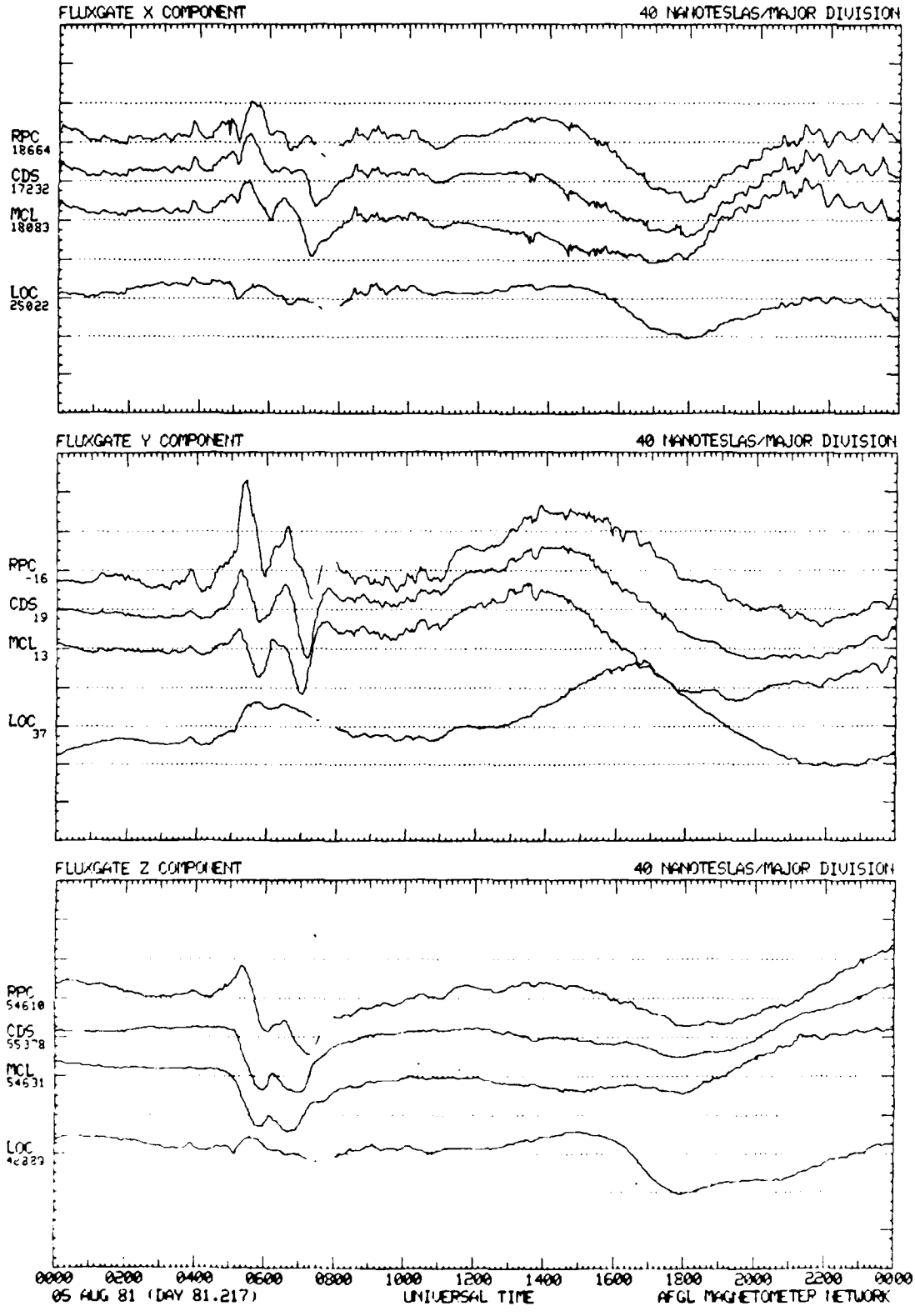
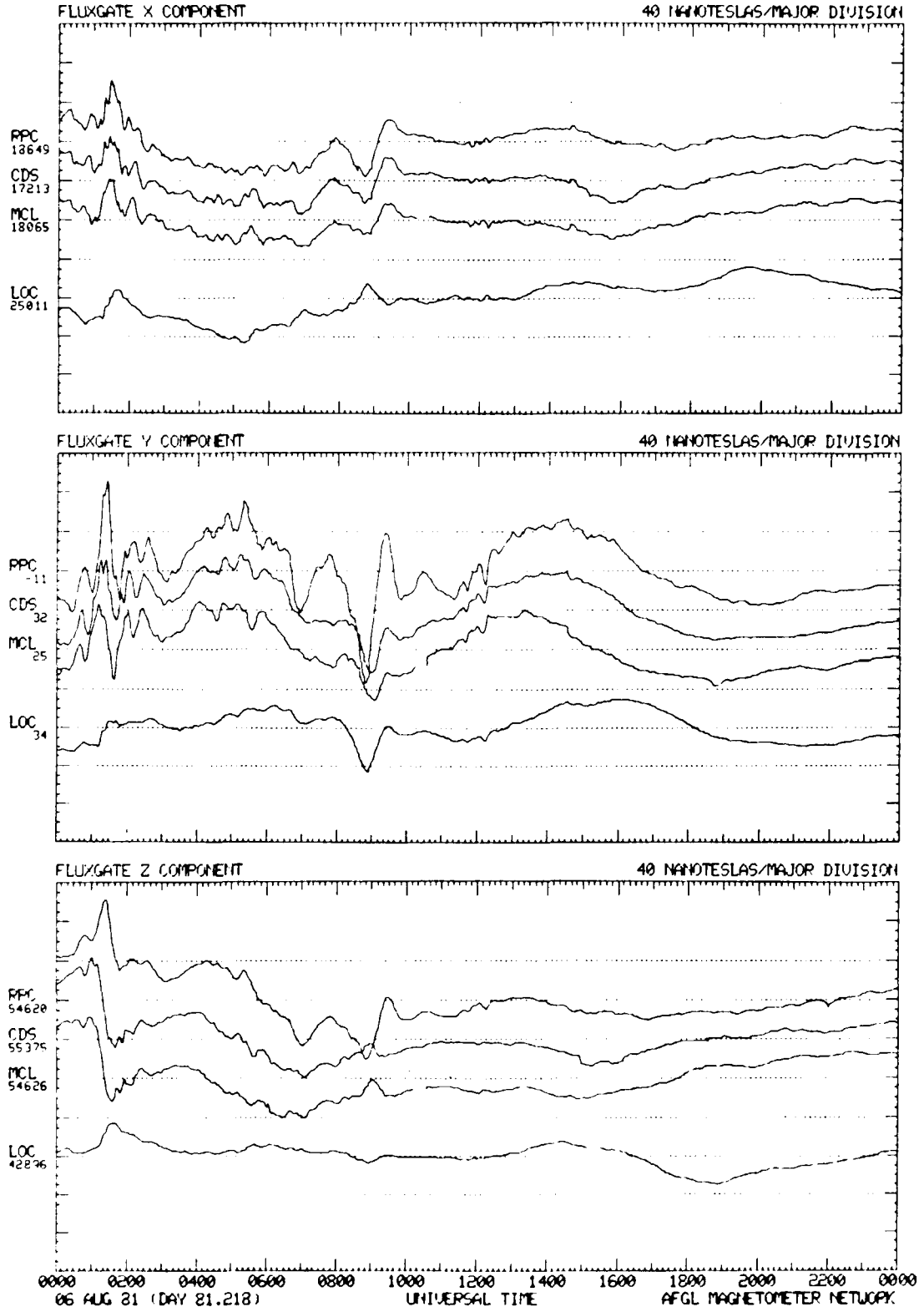
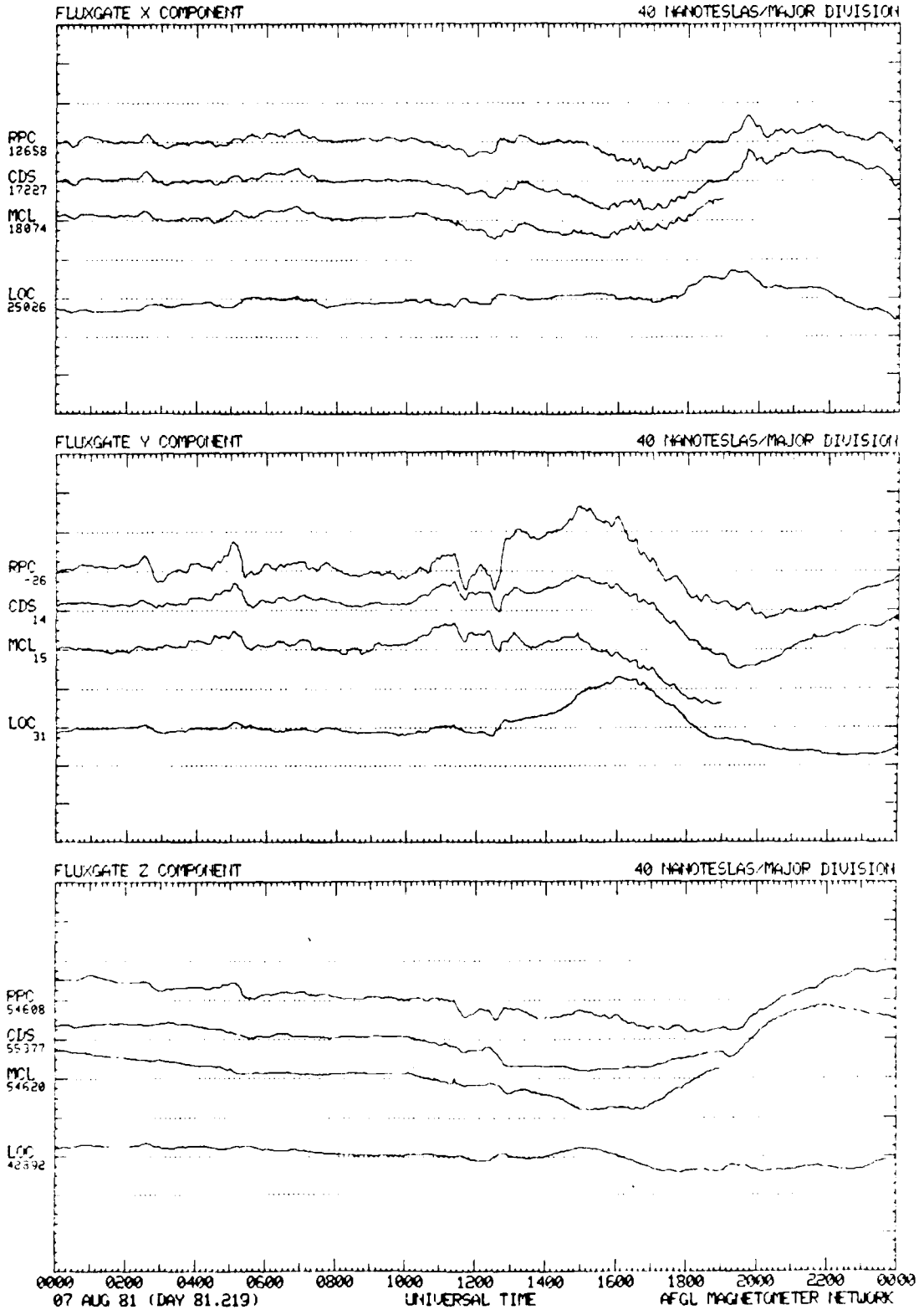
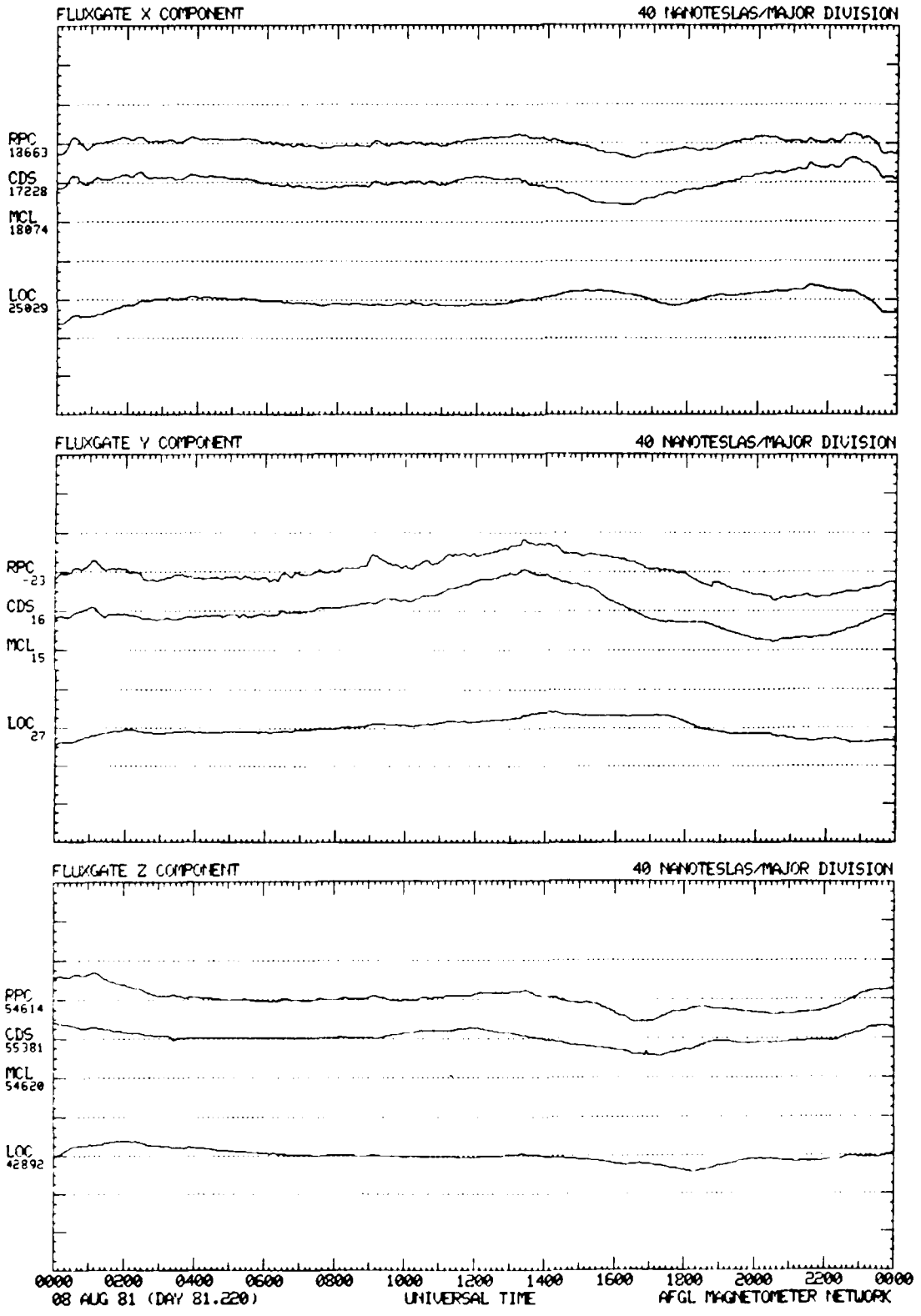
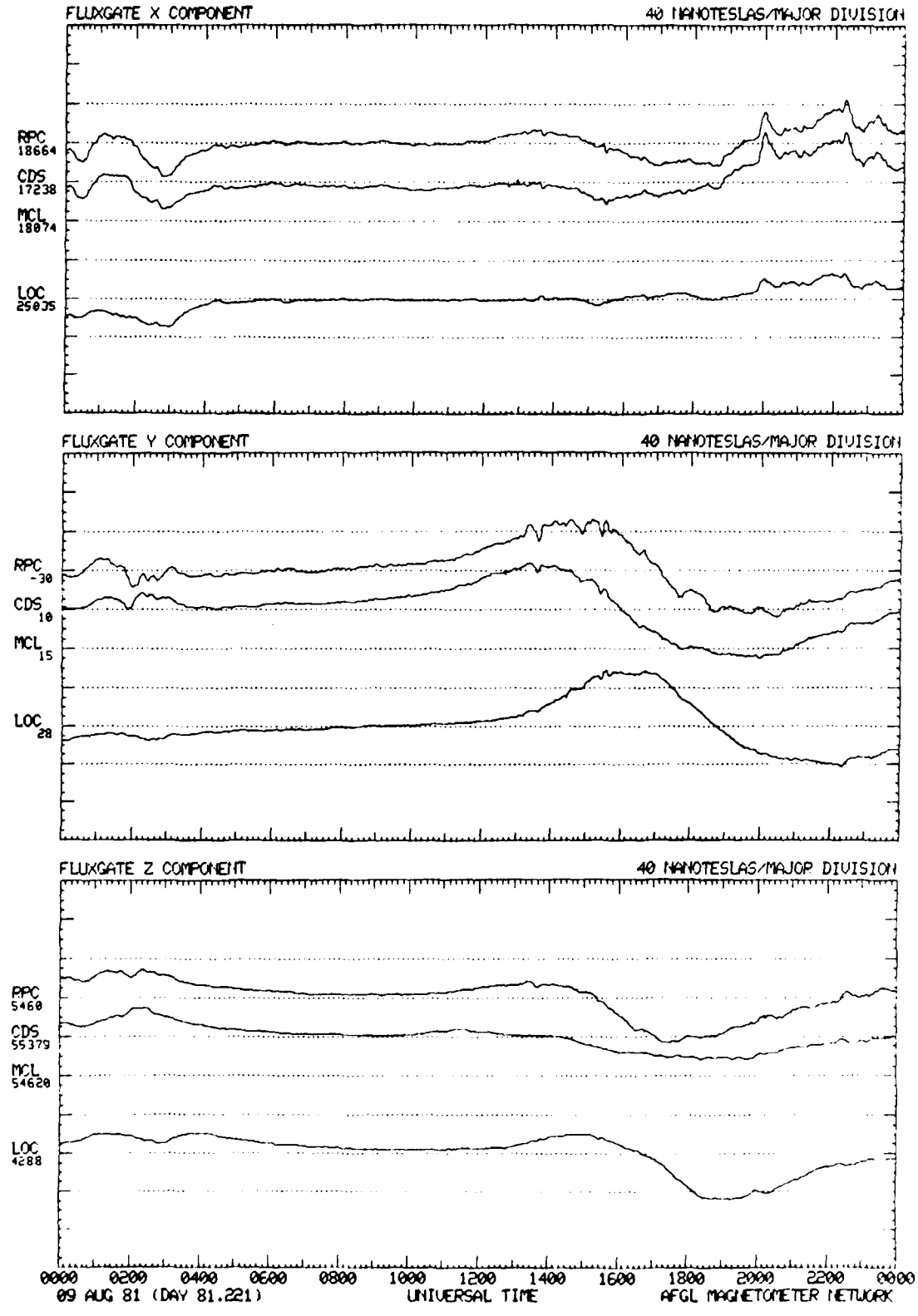
04 AUG 81 (DAY 81.216)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

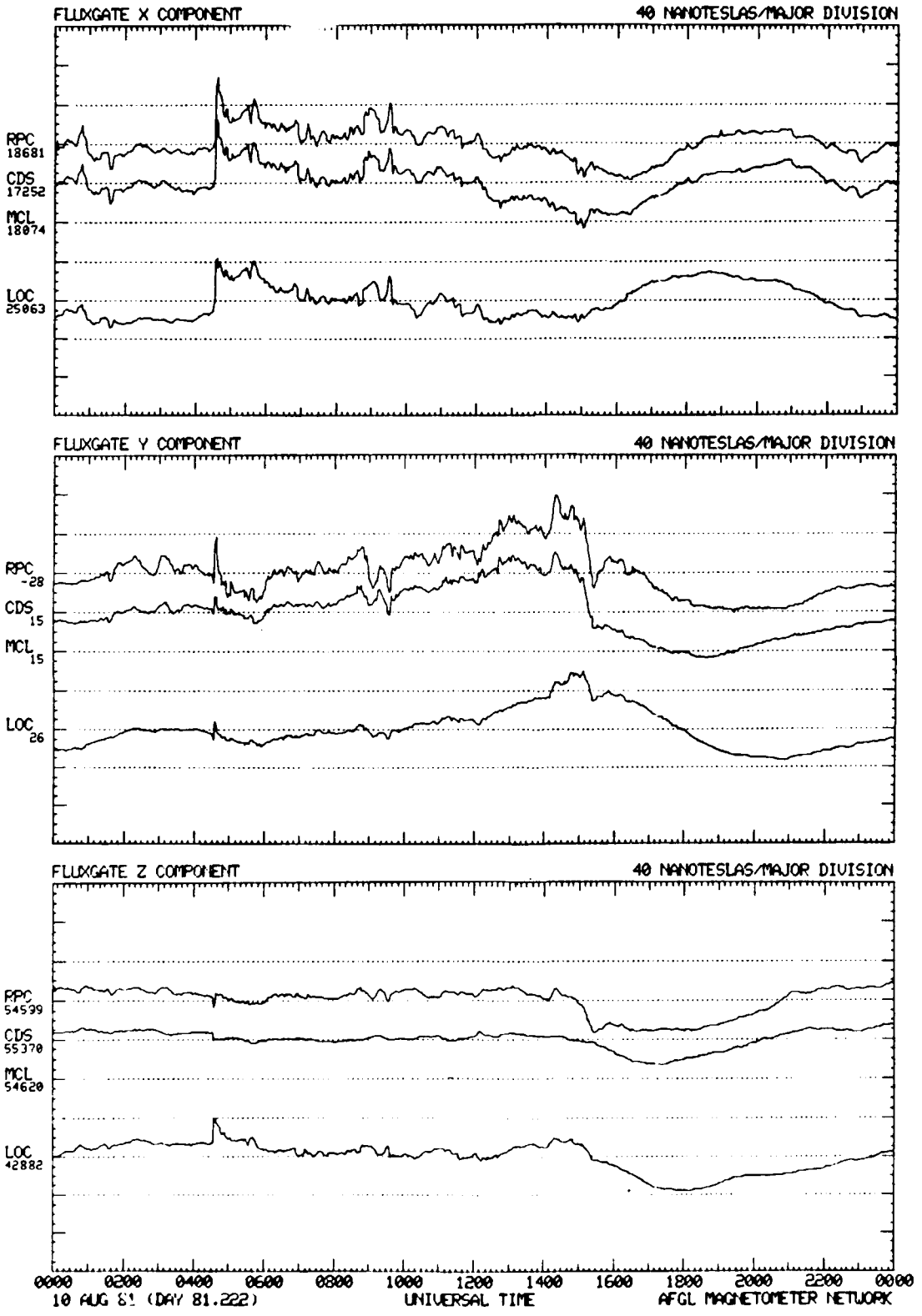

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18664
CDS
17232
MCL
18083
LOC
25022
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-16
CDS
19
MCL
13
LOC
37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54610
CDS
55378
MCL
54631
LOC
42889
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 AUG 81 (DAY 81.217)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

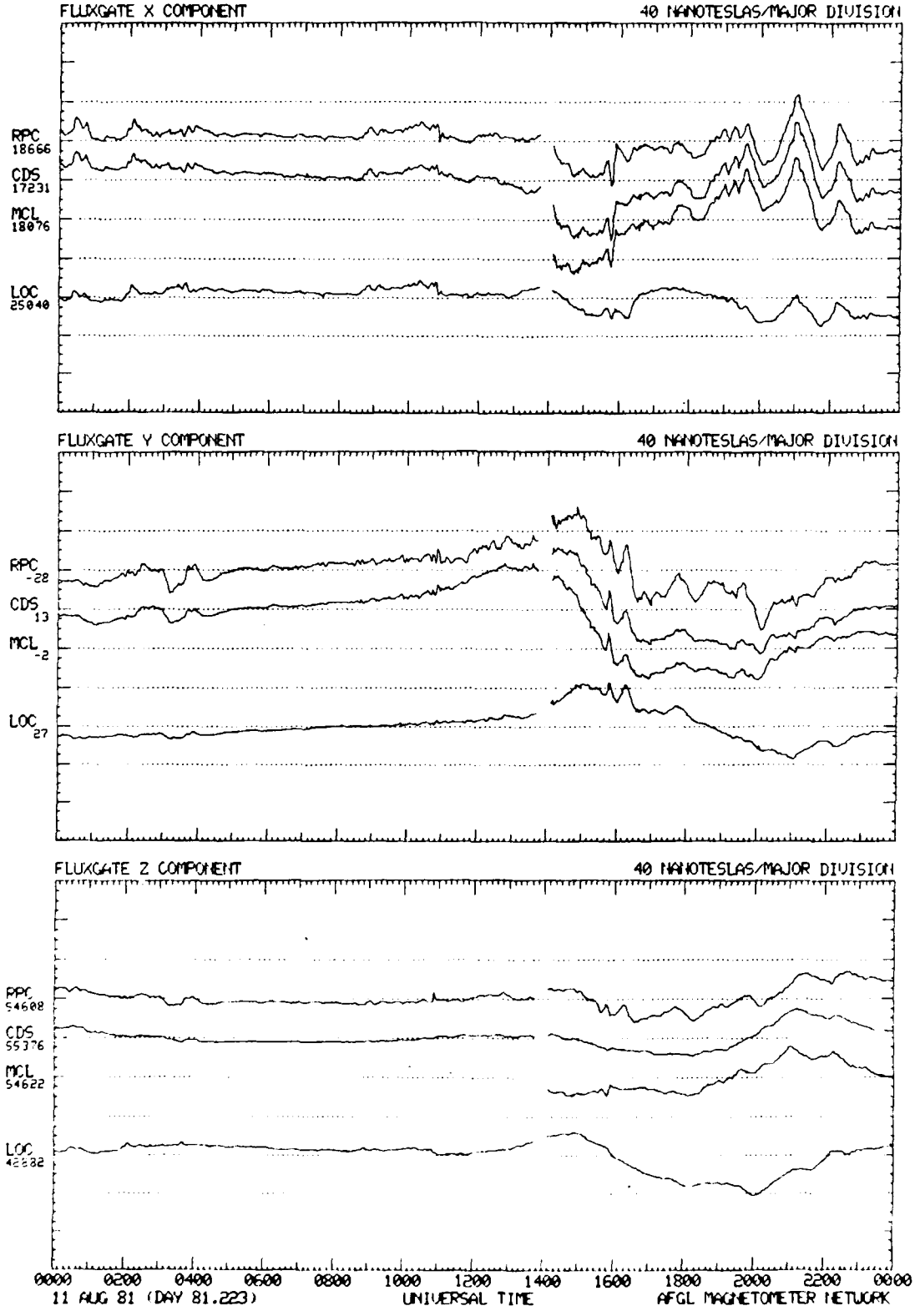

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
PPC
18649
CDS
17213
MCL
18065
LOC
25011
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
PPC
-11
CDS
32
MCL
25
LOC
34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
PPC
54620
CDS
55375
MCL
54626
LOC
42896
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 AUG 81 (DAY 81.218)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
12658
CDS
17227
MCL
18074
LOC
25026
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-26
CDS
14
MCL
15
LOC
31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54608
CDS
55377
MCL
54620
LOC
42392
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 AUG 81 (DAY 81.219)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
13663
CDS
17228
MCL
18074
LOC
25029
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-23
CDS
16
MCL
15
LOC
27
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54614
CDS
55381
MCL
54620
LOC
42892
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 AUG 81 (DAY 81.220)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18664
CDS
17238
MCL
18074
LOC
25035
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-30
CDS
10
MCL
15
LOC
28
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
5460
CDS
55379
MCL
54620
LOC
4288
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 AUG 81 (DAY 81.221)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18681
CDS
17252
MCL
18074
LOC
25063
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-28
CDS
15
MCL
15
LOC
26
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54599
CDS
55370
MCL
54620
LOC
42882
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 AUG 81 (DAY 81.222)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
18666
CDS
17231
MCL
18076
LOC
25040
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-28
CDS
13
MCL
-2
LOC
27
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54608
CDS
55376
MCL
54622
LOC
42882
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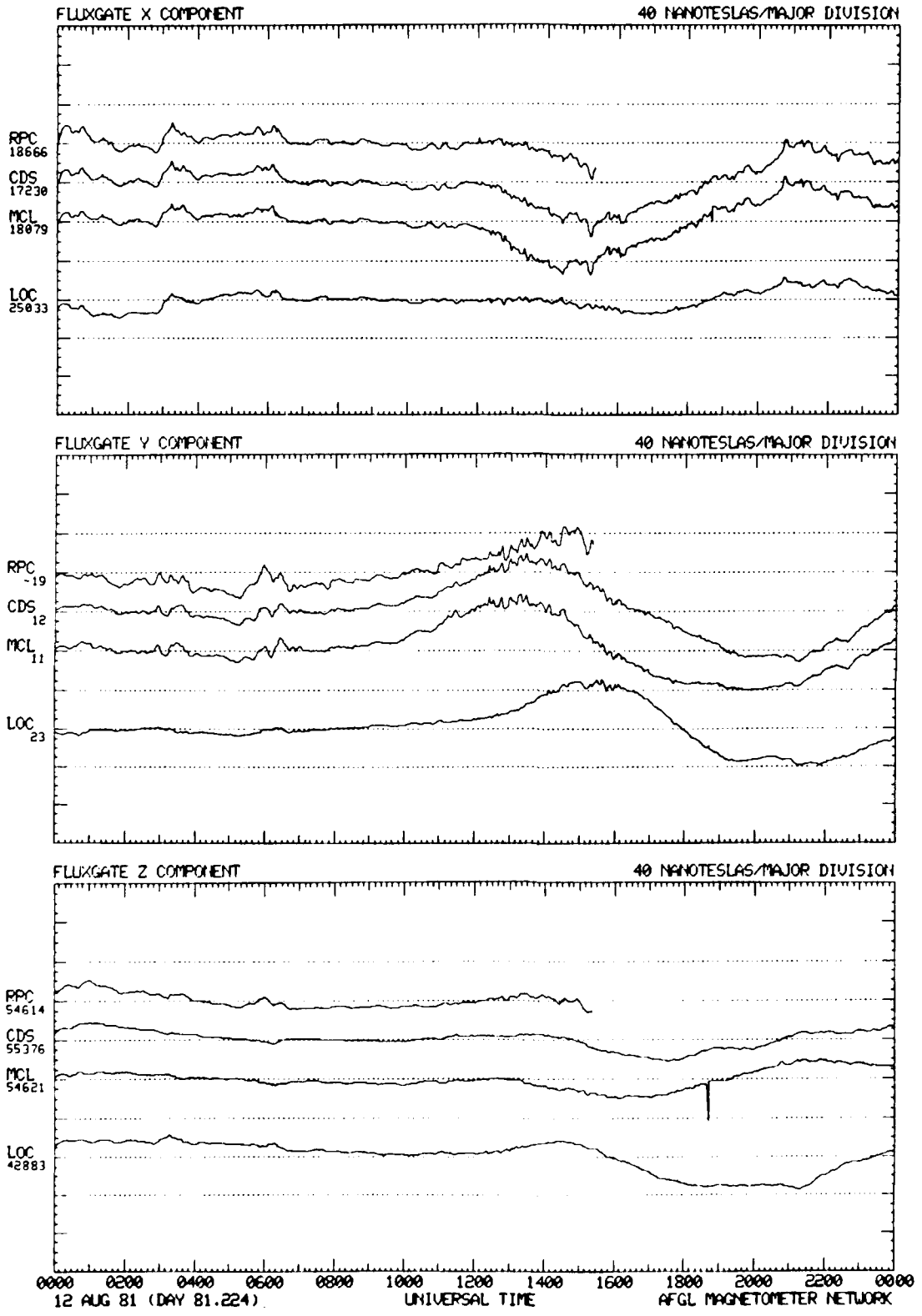
11 AUG 81 (DAY 81.223)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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18666
CDS
17230
MCL
18079
LOC
25033
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-19
CDS
12
MCL
11
LOC
23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54614
CDS
55376
MCL
54621
LOC
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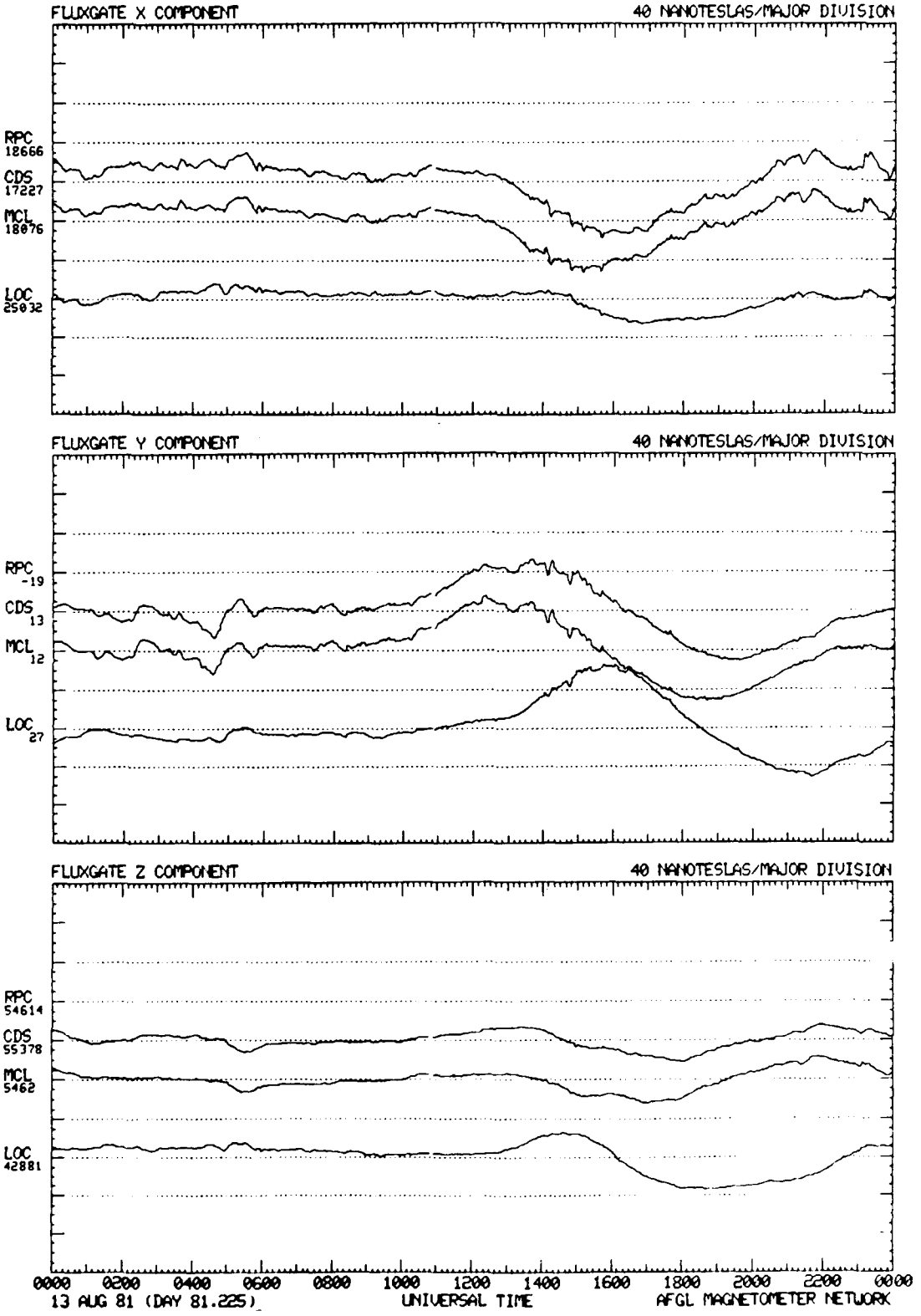
12 AUG 81 (DAY 81.224)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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MCL
18076
LOC
25032
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-19
CDS
13
MCL
12
LOC
27
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54614
CDS
55378
MCL
5462
LOC
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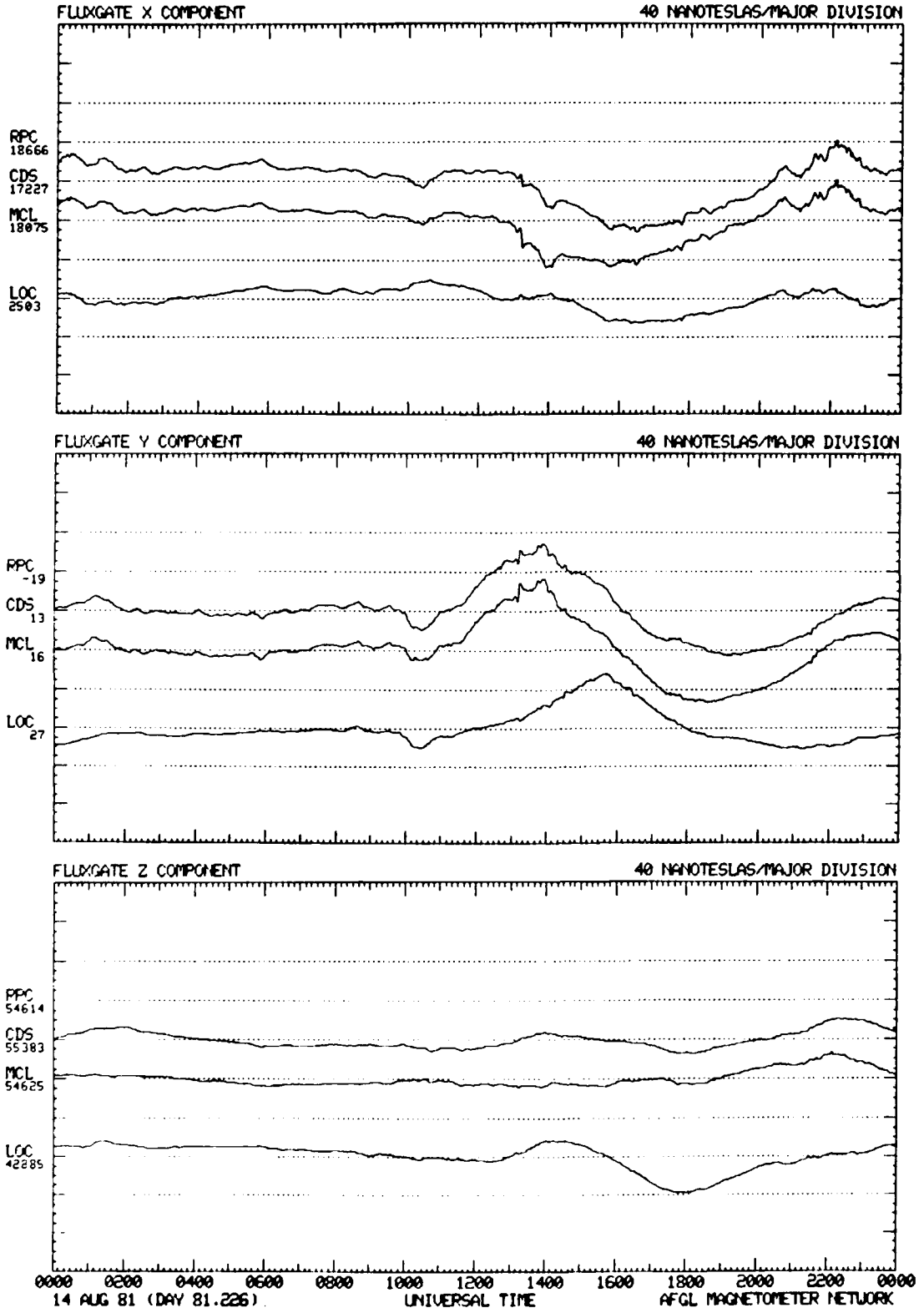
13 AUG 81 (DAY 81.225)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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MCL
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LOC
2503
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-19
CDS
13
MCL
16
LOC
27
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54614
CDS
55383
MCL
54625
LOC
42885
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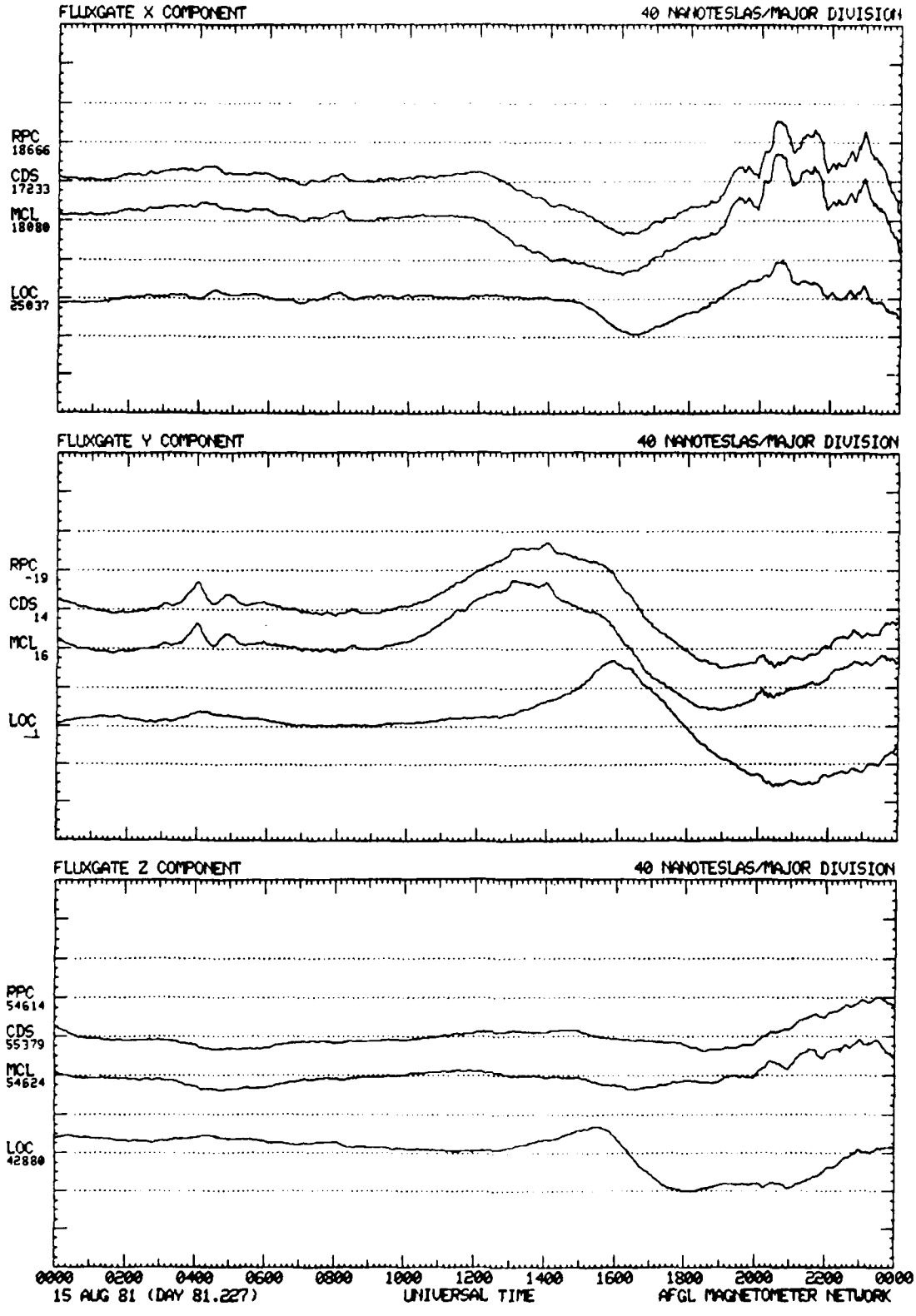
14 AUG 81 (DAY 81.226)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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RPC
18666
CDS
17233
MCL
18080
LOC
25037
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-19
CDS
14
MCL
16
LOC
-1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54614
CDS
55379
MCL
54624
LOC
42880
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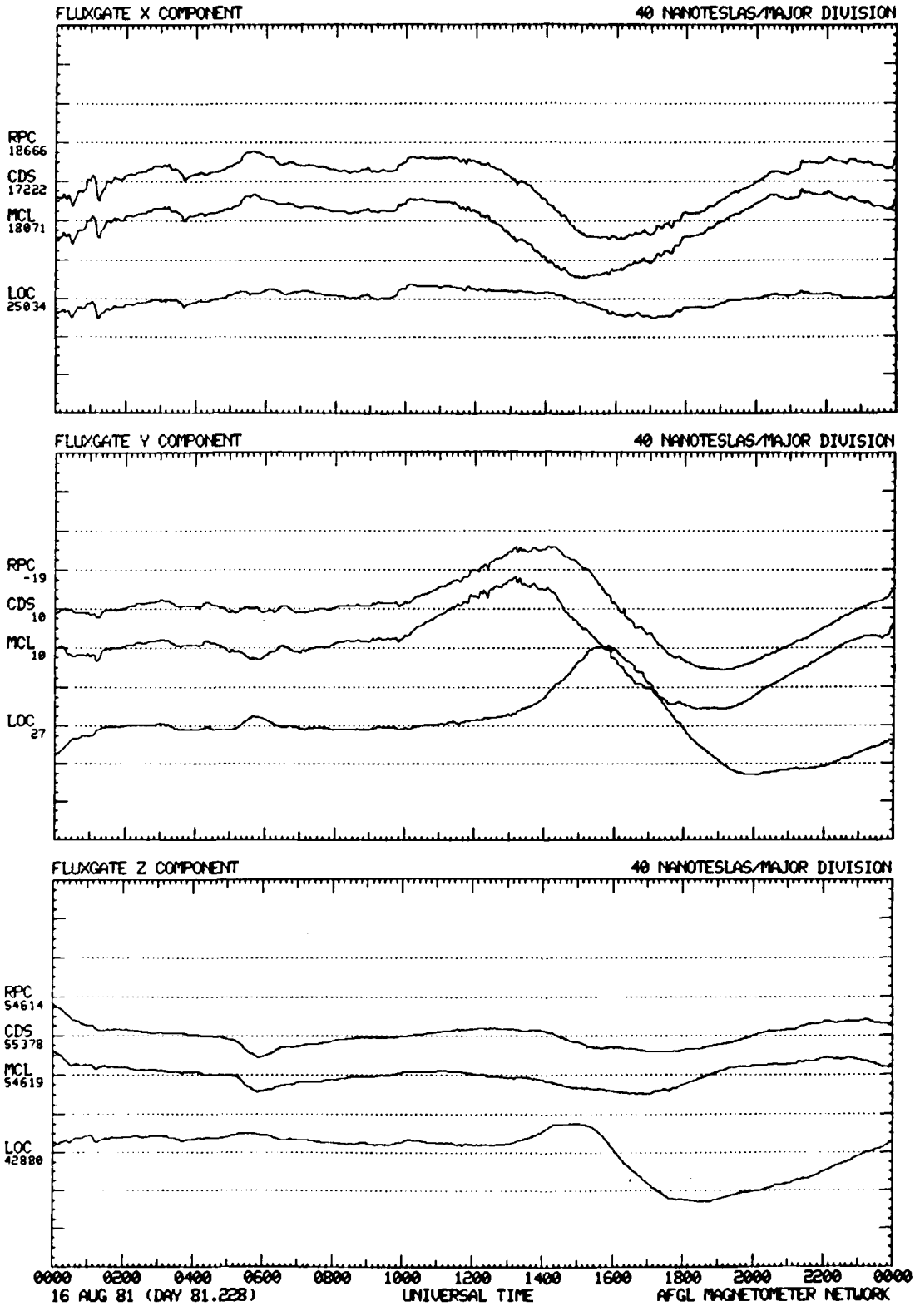
15 AUG 81 (DAY 81.227)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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RPC
18666
CDS
17222
MCL
18071
LOC
25034
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-19
CDS
10
MCL
10
LOC
27
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54614
CDS
55378
MCL
54619
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42880
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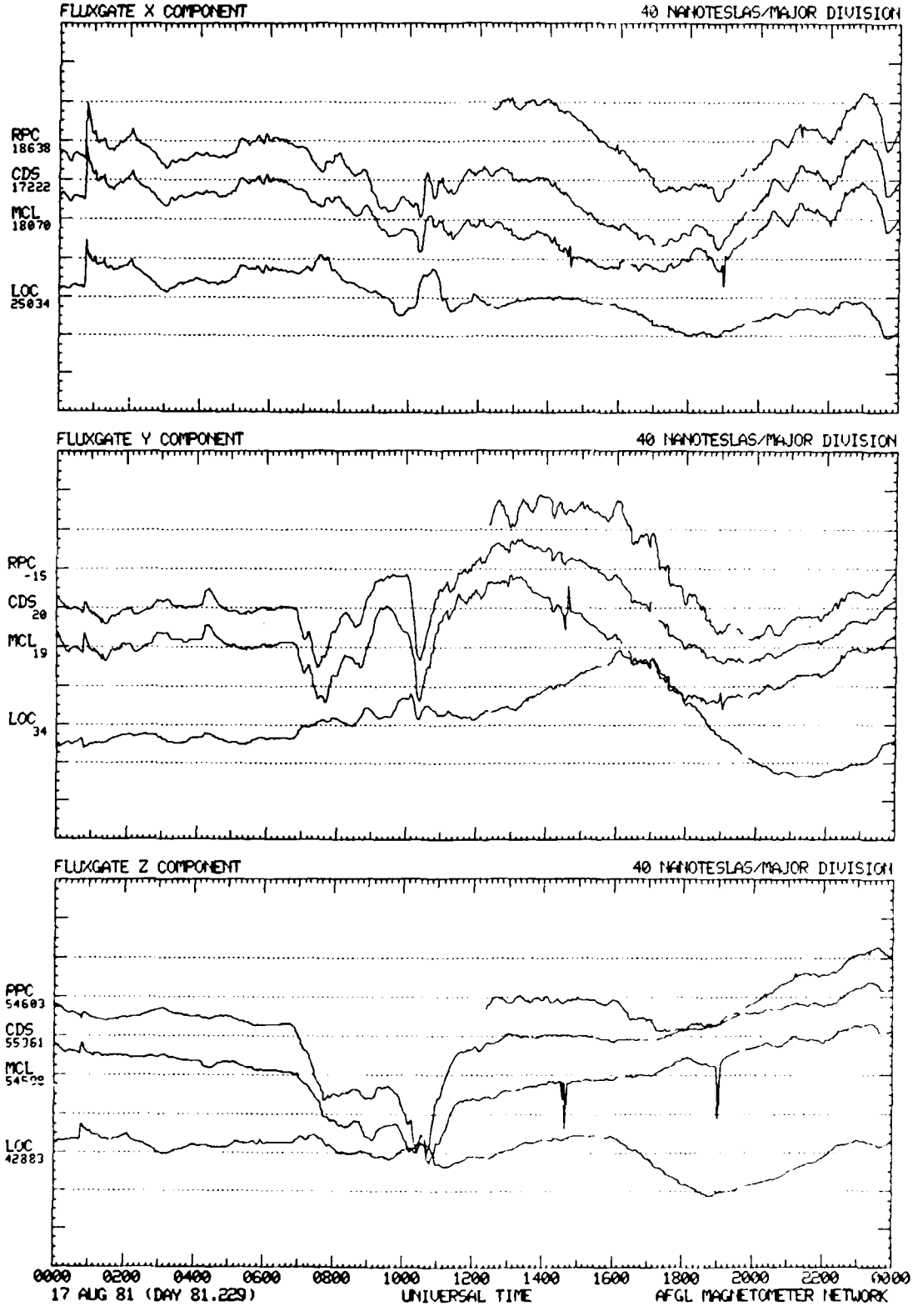
16 AUG 81 (DAY 81.228)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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RPC
18638
CDS
17222
MCL
18070
LOC
25034
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-15
CDS
20
MCL
19
LOC
34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54603
CDS
55361
MCL
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42883
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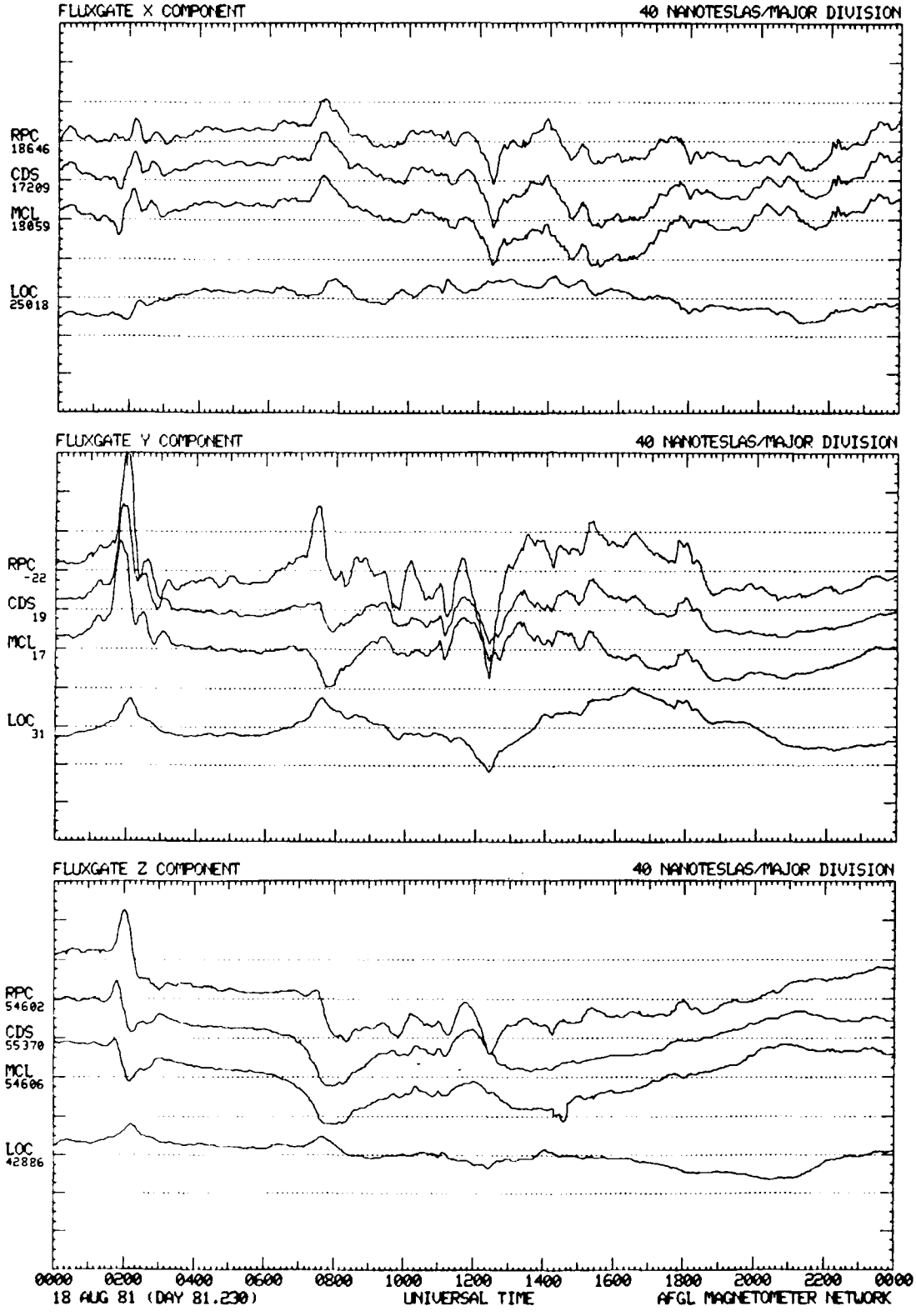
17 AUG 81 (DAY 81.229)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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RPC
18646
CDS
17209
MCL
18059
LOC
25018
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-22
CDS
19
MCL
17
LOC
31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54602
CDS
55370
MCL
54606
LOC
42886
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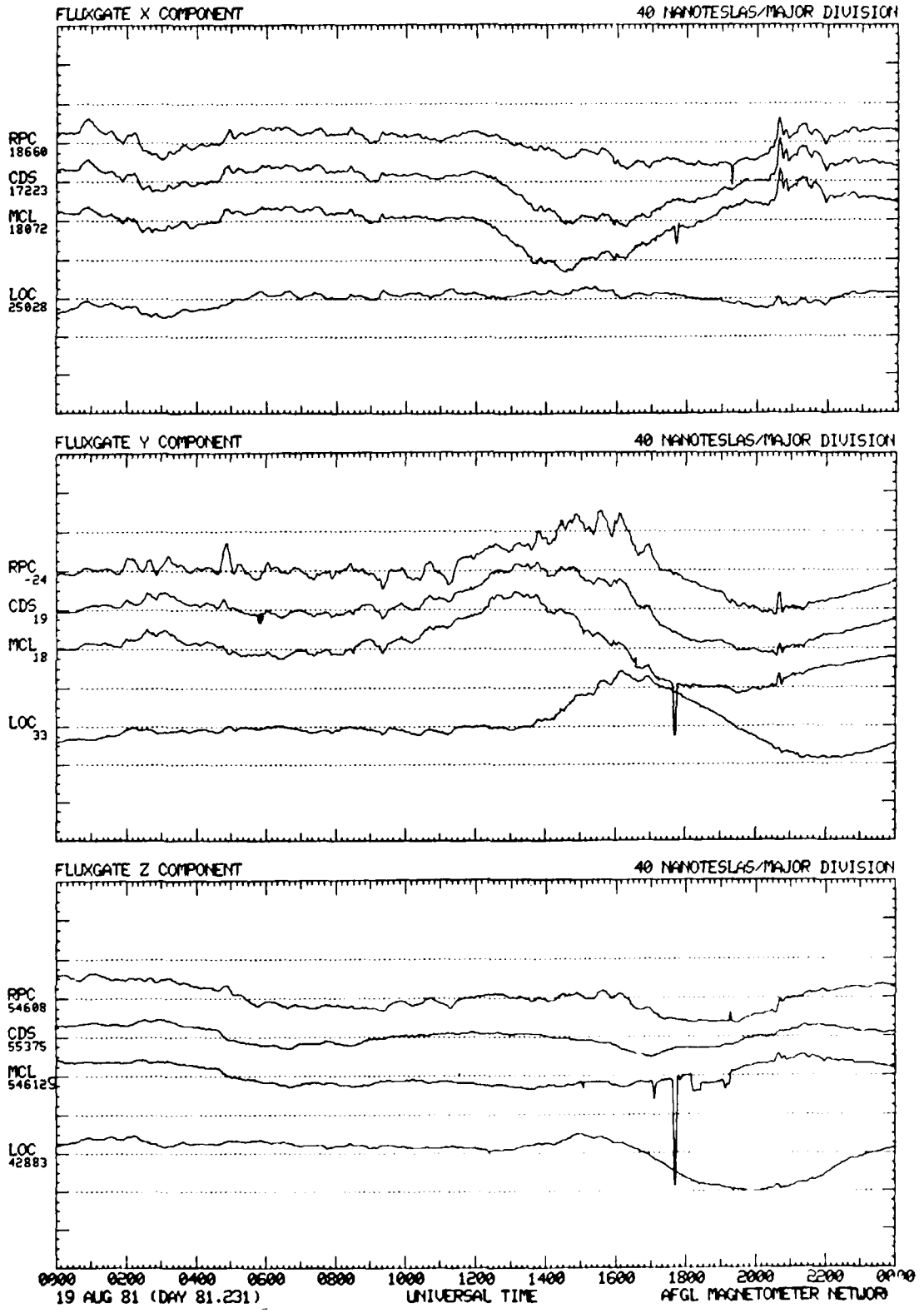
18 AUG 81 (DAY 81.230)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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RPC
18660
CDS
17223
MCL
18072
LOC
25028
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
-24
CDS
19
MCL
18
LOC
33
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
RPC
54608
CDS
55375
MCL
54612
LOC
42883
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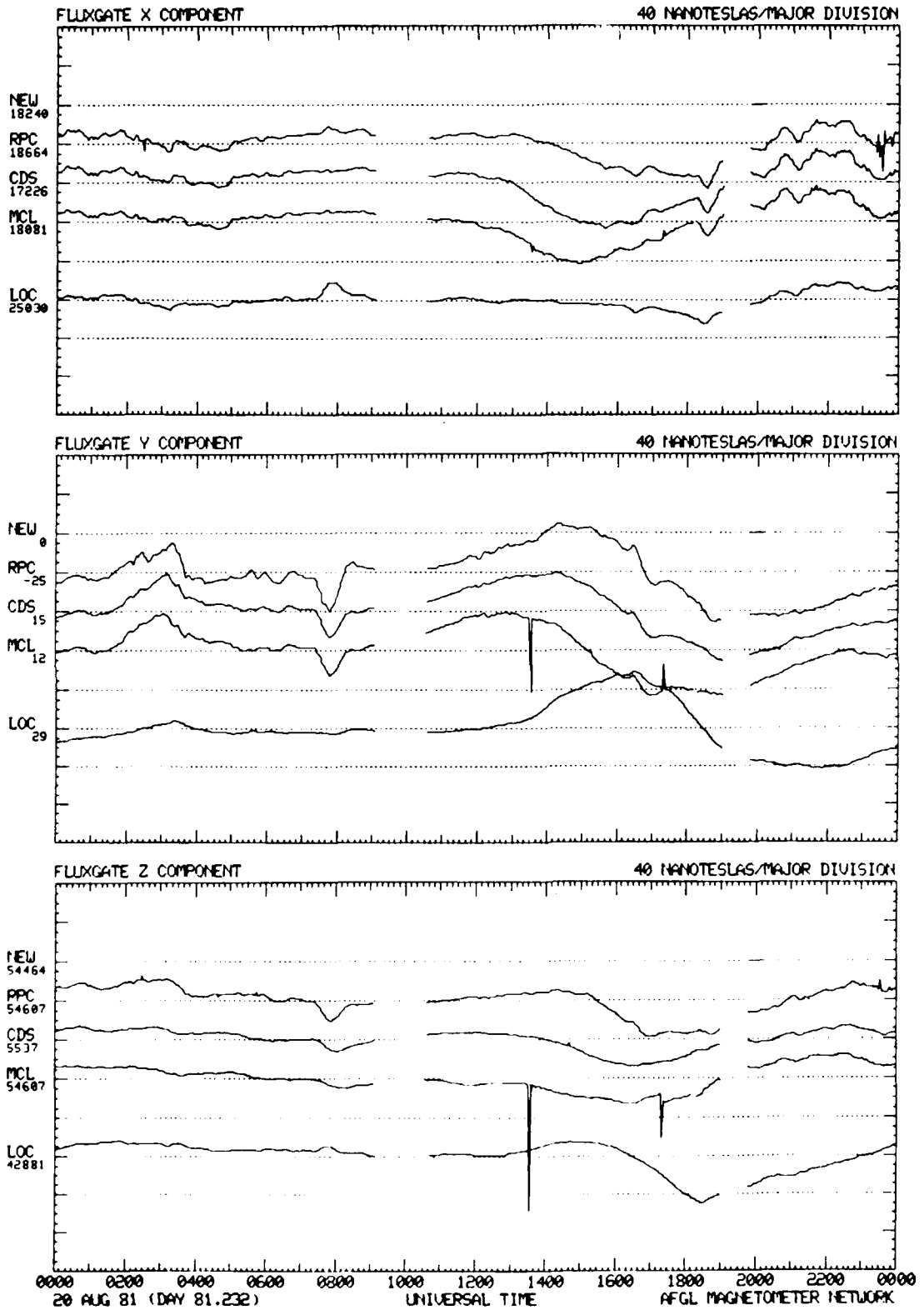
19 AUG 81 (DAY 81.231)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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NEW
18240
RPC
18664
CDS
17226
MCL
18081
LOC
25030
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
0
RPC
-25
CDS
15
MCL
12
LOC
29
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54464
PPC
54607
CDS
5537
MCL
54607
LOC
42881
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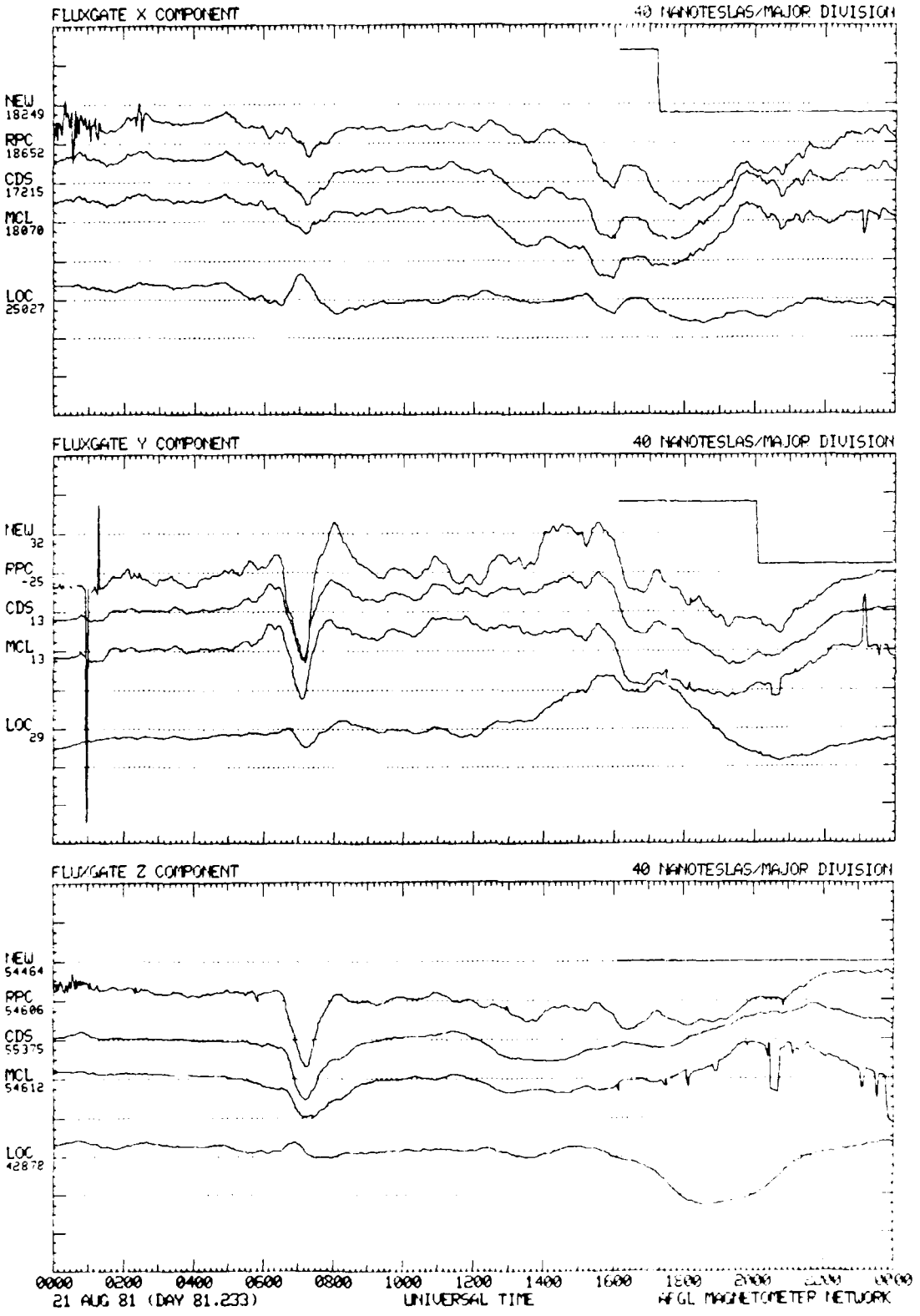
20 AUG 81 (DAY 81.232)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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NEW
18249
RPC
18652
CDS
17215
MCL
18070
LOC
25027
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
32
RPC
-25
CDS
13
MCL
13
LOC
29
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54464
RPC
54606
CDS
55375
MCL
54612
LOC
42878
0000
0200
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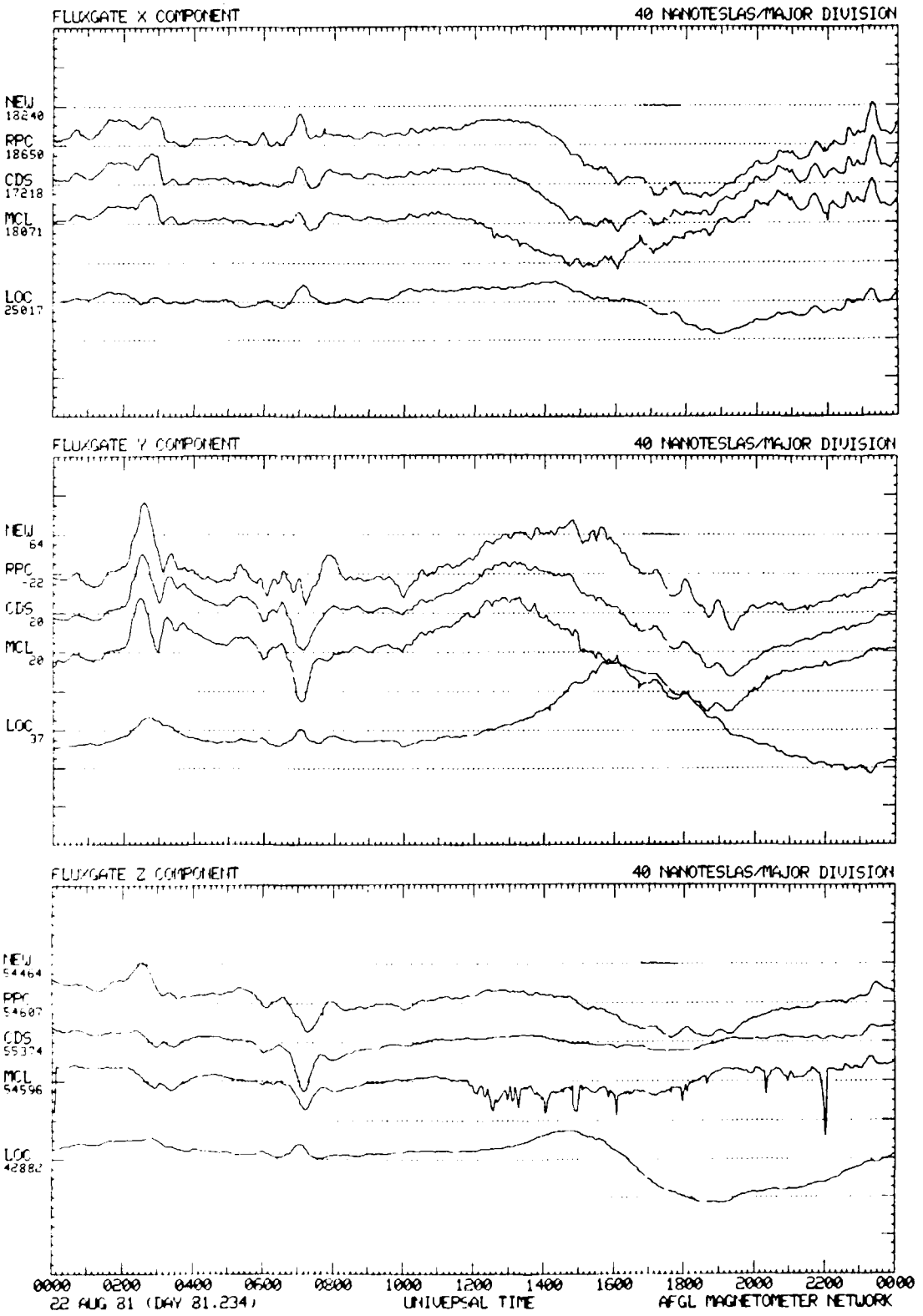
0600
0800
1000
1200
1400
1600
1800
21 AUG 81 (DAY 81.233)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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NEW
18240
RPC
18650
CDS
17218
MCL
18071
LOC
25017
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
64
RPC
-22
CDS
20
MCL
20
LOC
37
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54464
RPC
54607
CDS
55374
MCL
54596
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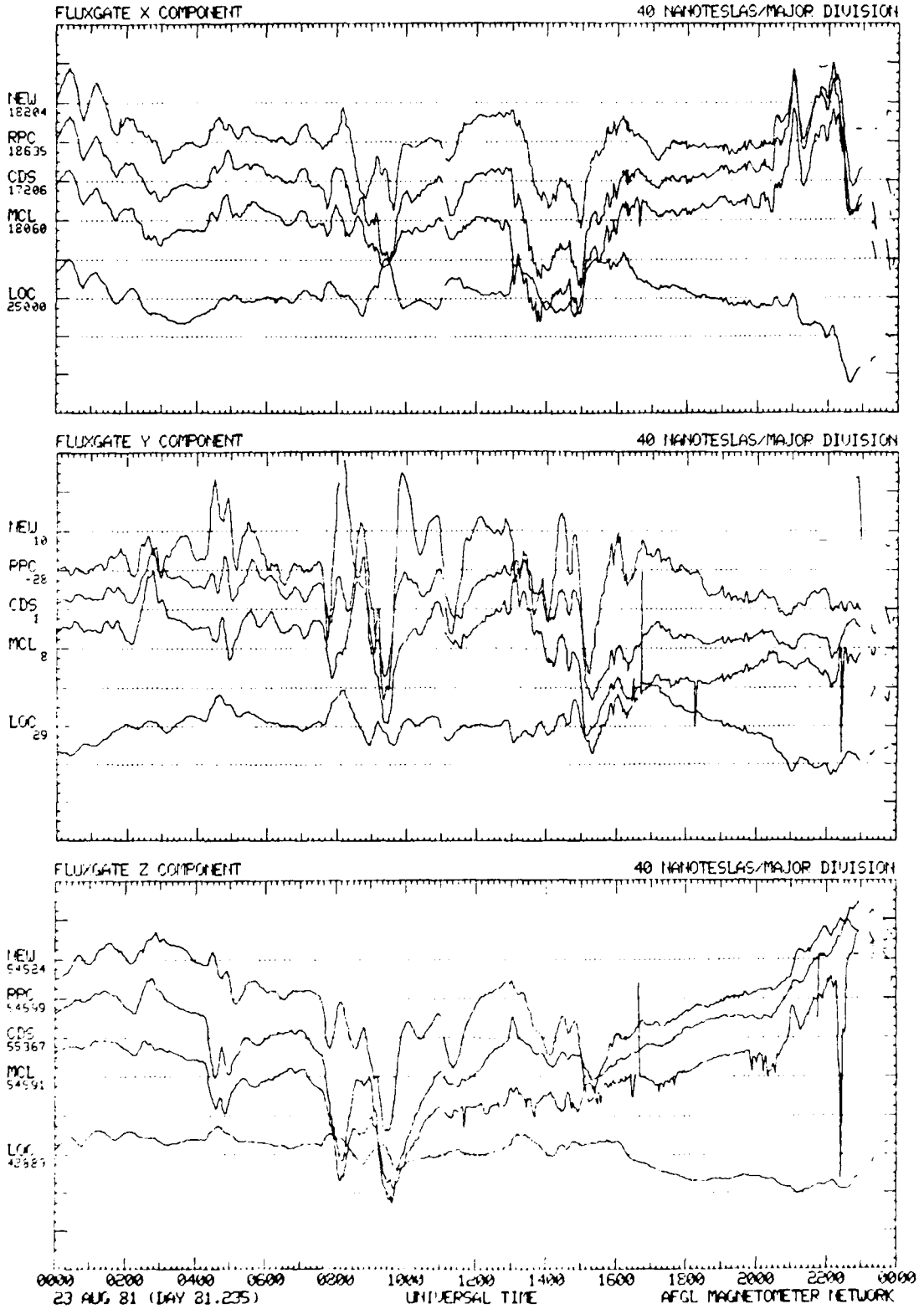
22 AUG 81 (DAY 81.234)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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18204
RPC
18635
CDS
17206
MCL
18060
LOC
25000
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
10
RPC
-28
CDS
1
MCL
8
LOC
29
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54524
RPC
54599
CDS
55367
MCL
54691
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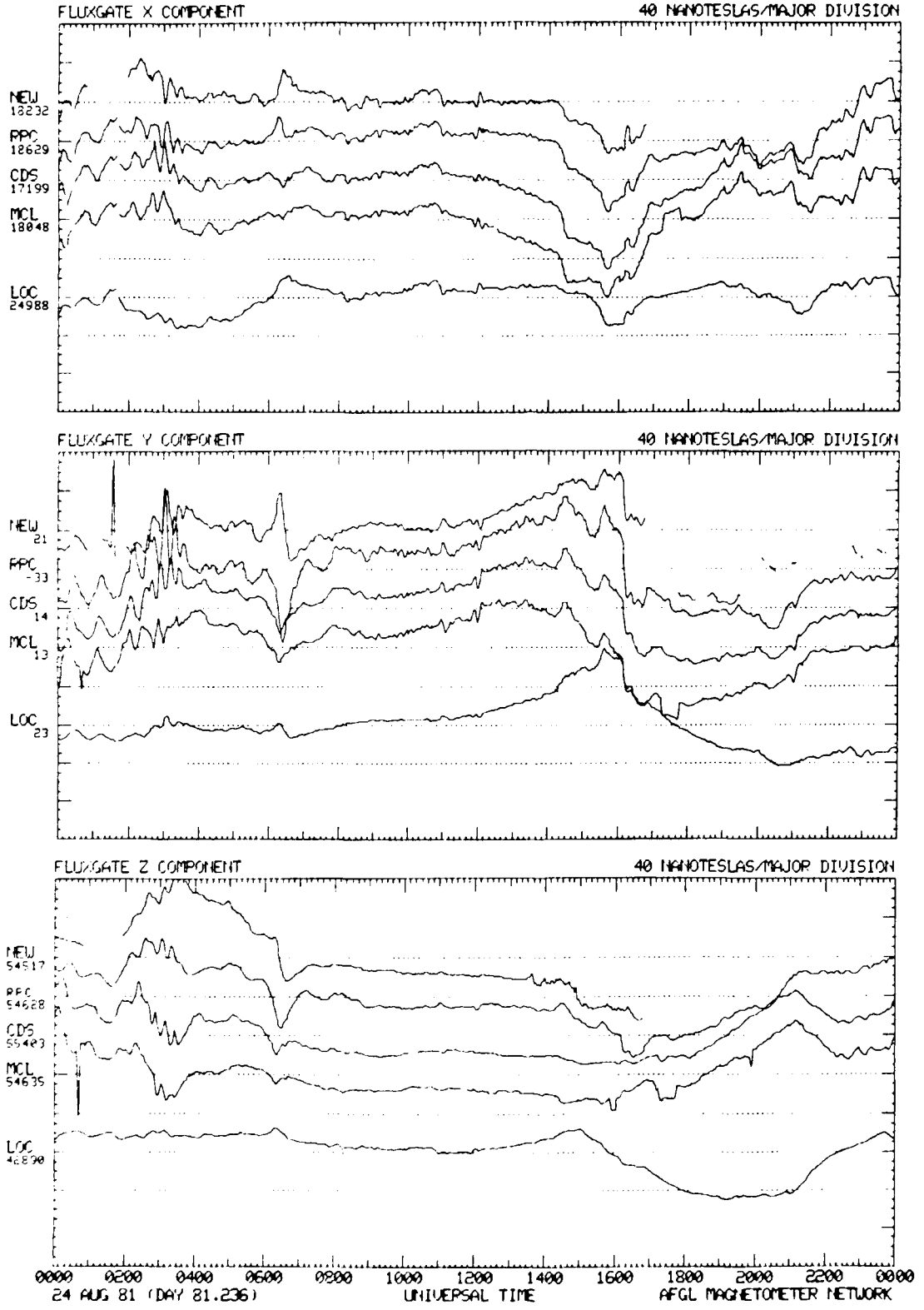
23 AUG 81 (DAY 81.235)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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NEW
18232
FRD
18629
CDS
17199
MCL
18048
LOC
24988
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
21
FRD
-33
CDS
14
MCL
13
LOC
23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54517
FRD
54628
CDS
55403
MCL
54635
LOC
48890
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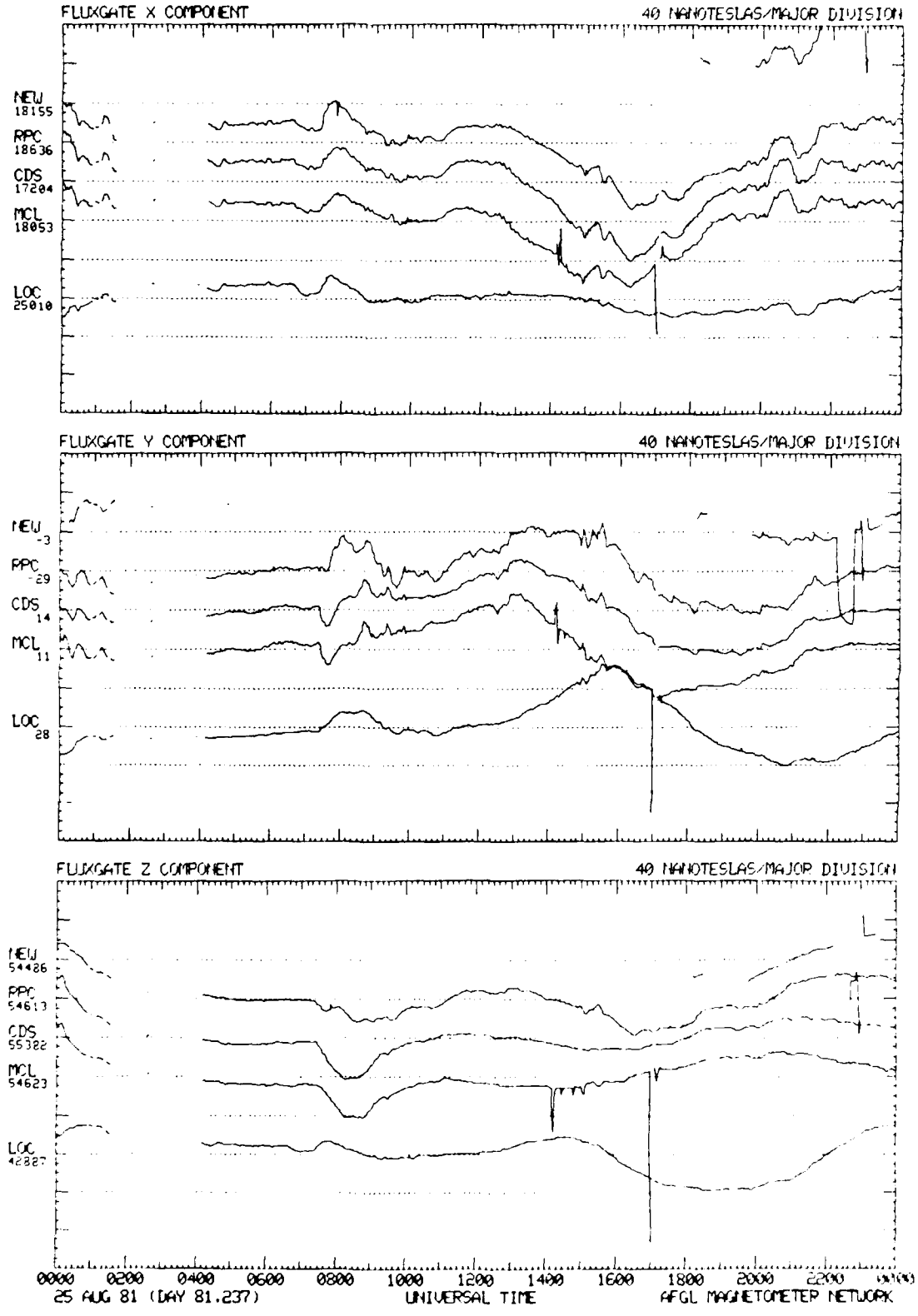
24 AUG 81 (DAY 81.236)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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RPC
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MCL
18053
LOC
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FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-3
RPC
-29
CDS
14
MCL
11
LOC
28
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54486
RPC
54613
CDS
55382
MCL
54623
LOC
42827
0000
0200
0400
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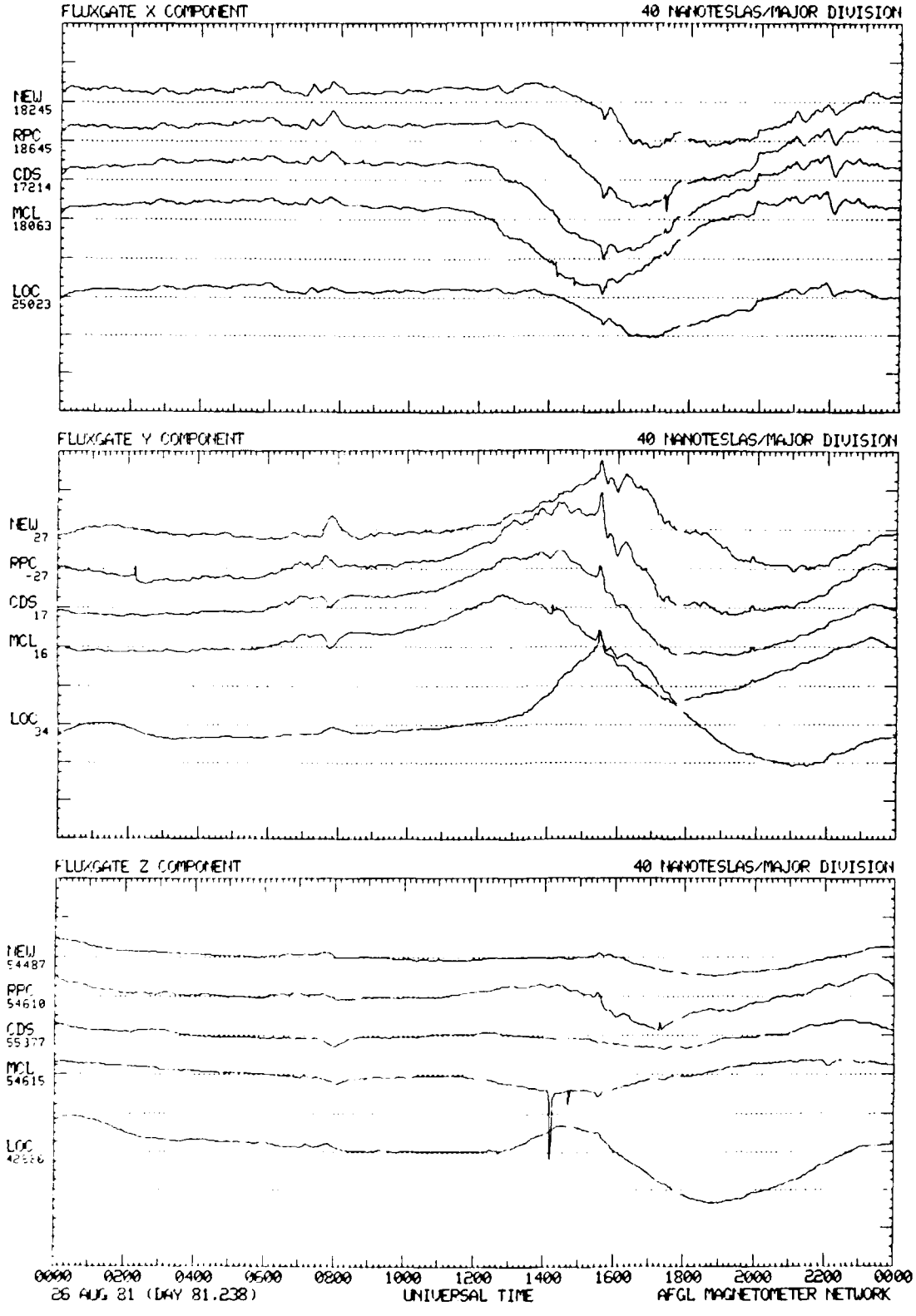
25 AUG 81 (DAY 81.237)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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NEW
18245
RPC
18645
CDS
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MCL
18063
LOC
25023
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
27
RPC
-27
CDS
17
MCL
16
LOC
34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54487
RPC
54610
CDS
55377
MCL
54615
LOC
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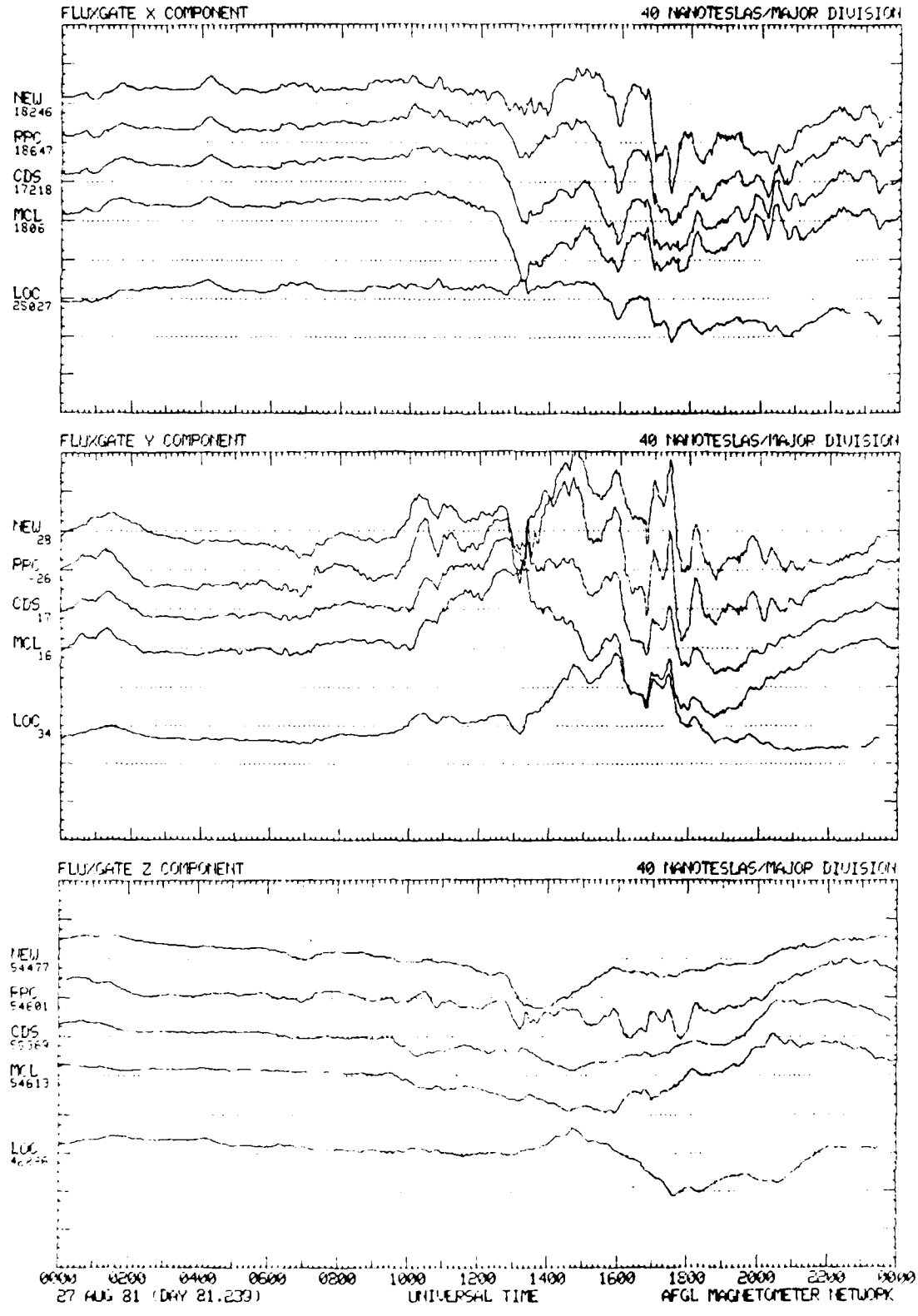
26 AUG 81 (DAY 81.238)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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FRD
18647
CDS
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MCL
1806
LOC
28027
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
29
FRD
-26
CDS
17
MCL
16
LOC
34
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54477
FRD
54601
CDS
55369
MCL
54613
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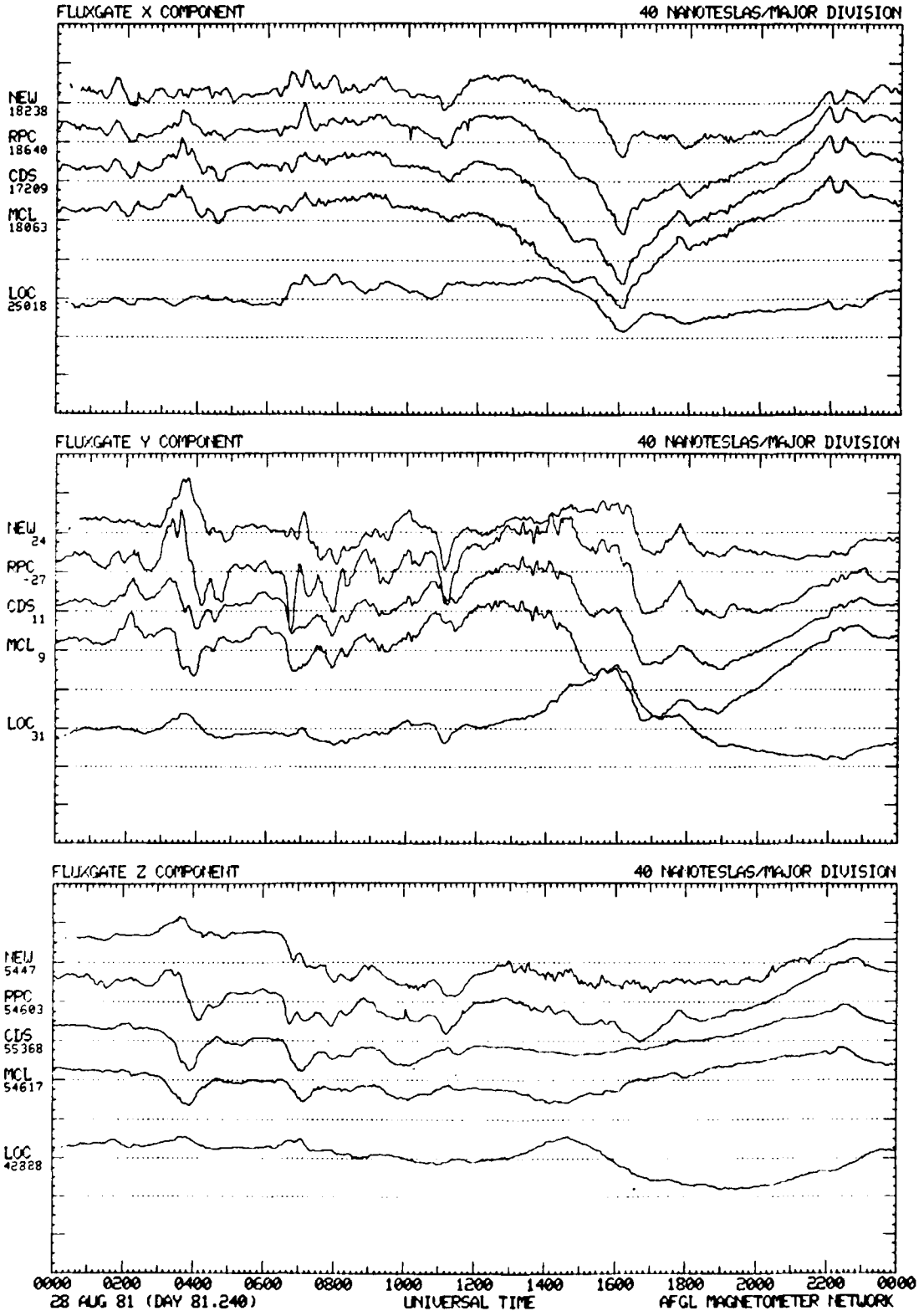
27 AUG 81 (DAY 21.239)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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18238
RPC
18640
CDS
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MCL
18063
LOC
25018
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
24
RPC
-27
CDS
11
MCL
9
LOC
31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
5447
RPC
54603
CDS
55368
MCL
54617
LOC
42828
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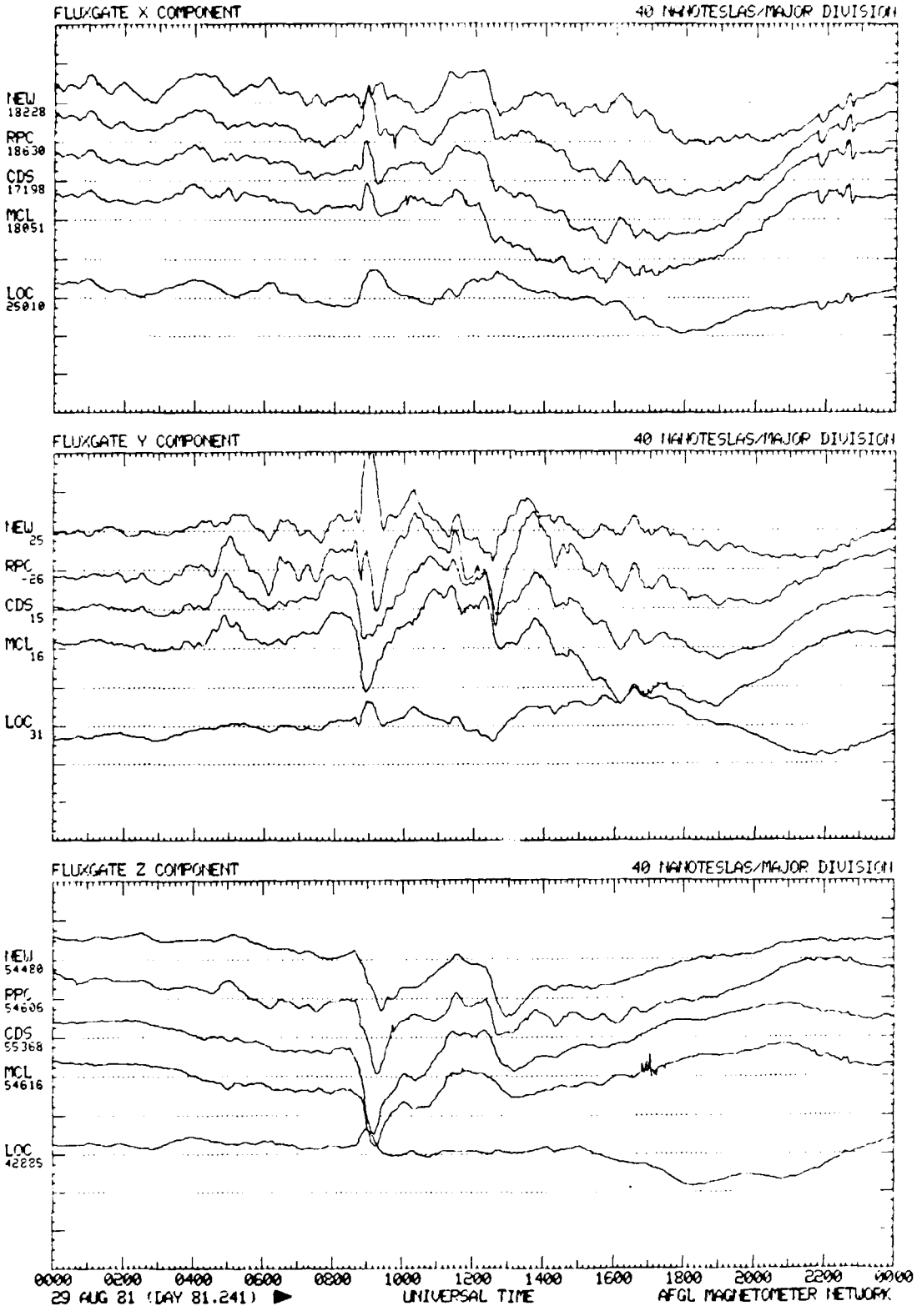
28 AUG 81 (DAY 81.240)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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18228
RPC
18630
CDS
17198
MCL
18051
LOC
25010
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
25
RPC
-26
CDS
15
MCL
16
LOC
31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54480
RPC
54606
CDS
55368
MCL
54616
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42285
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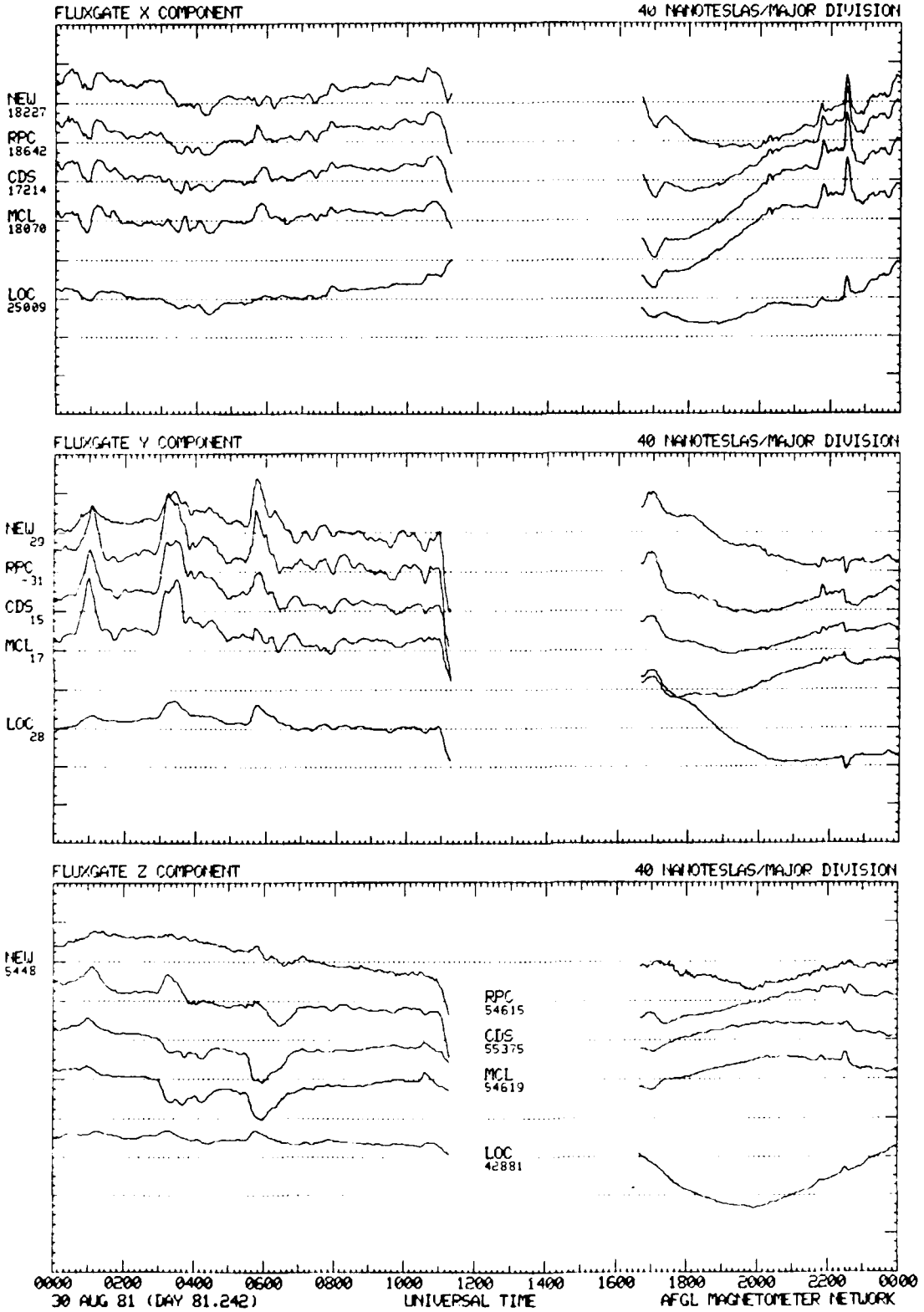
29 AUG 81 (DAY 81.241)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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18227
RPC
18642
CDS
17214
MCL
18070
LOC
25009
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
29
RPC
-31
CDS
15
MCL
17
LOC
28
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
5448
RPC
54615
CDS
55375
MCL
54619
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42881
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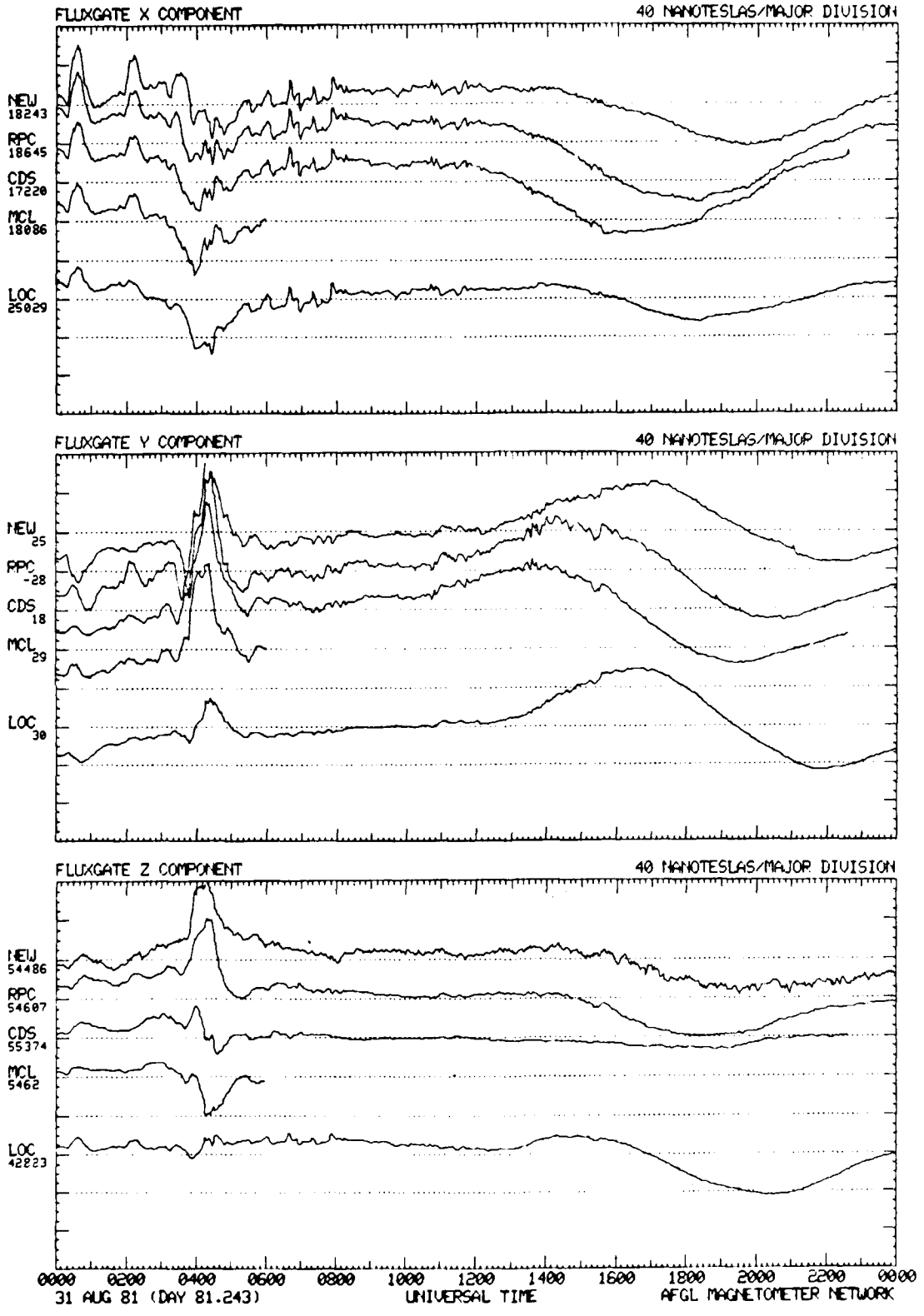
30 AUG 81 (DAY 81.242)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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18243
RPC
18645
CDS
17220
MCL
18086
LOC
25029
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
25
RPC
-28
CDS
18
MCL
29
LOC
30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54486
RPC
54607
CDS
55374
MCL
5462
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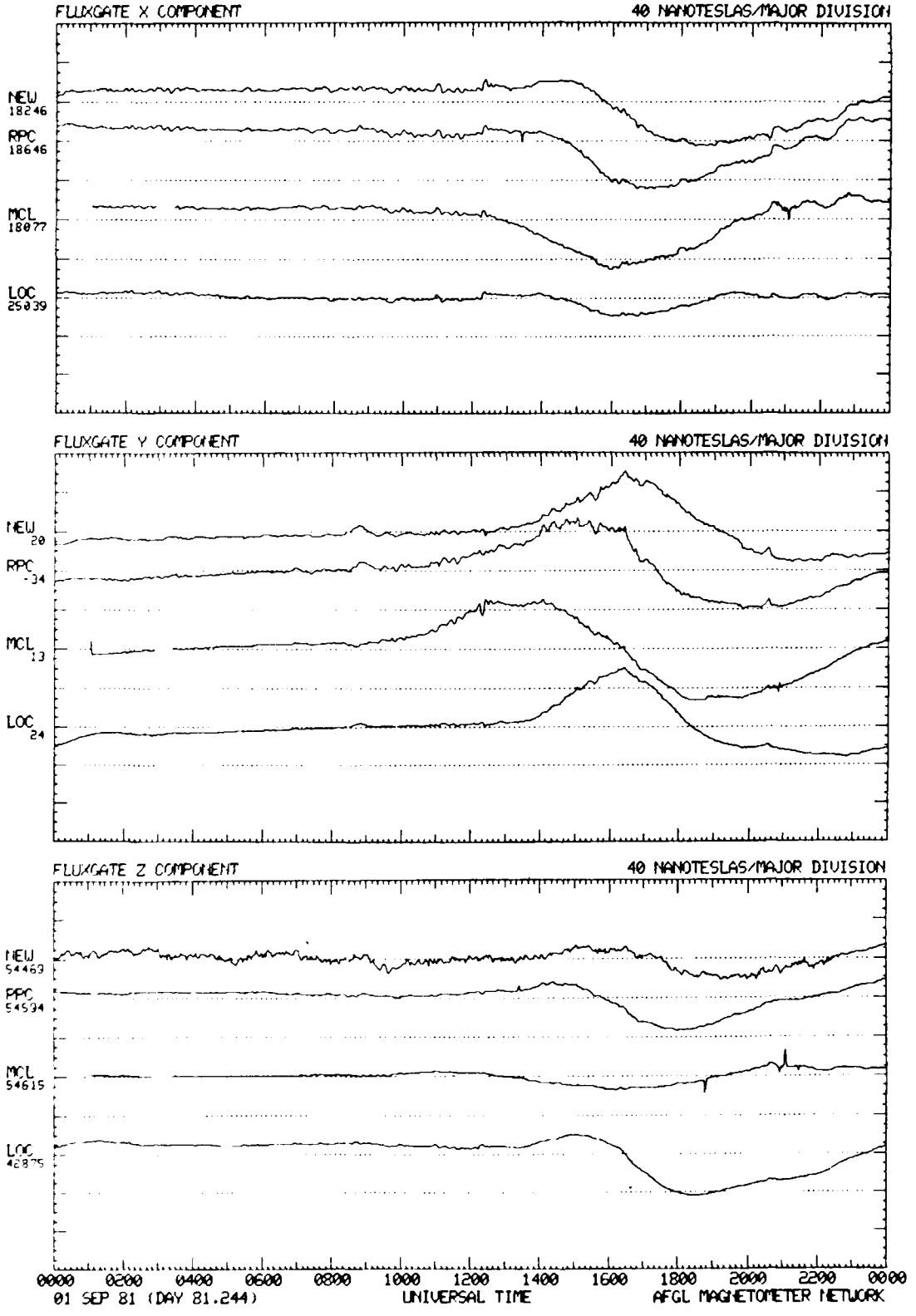
31 AUG 81 (DAY 81.243)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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RPC
18646
MCL
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LOC
25039
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
20
RPC
-34
MCL
13
LOC
24
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54469
RPC
54594
MCL
54615
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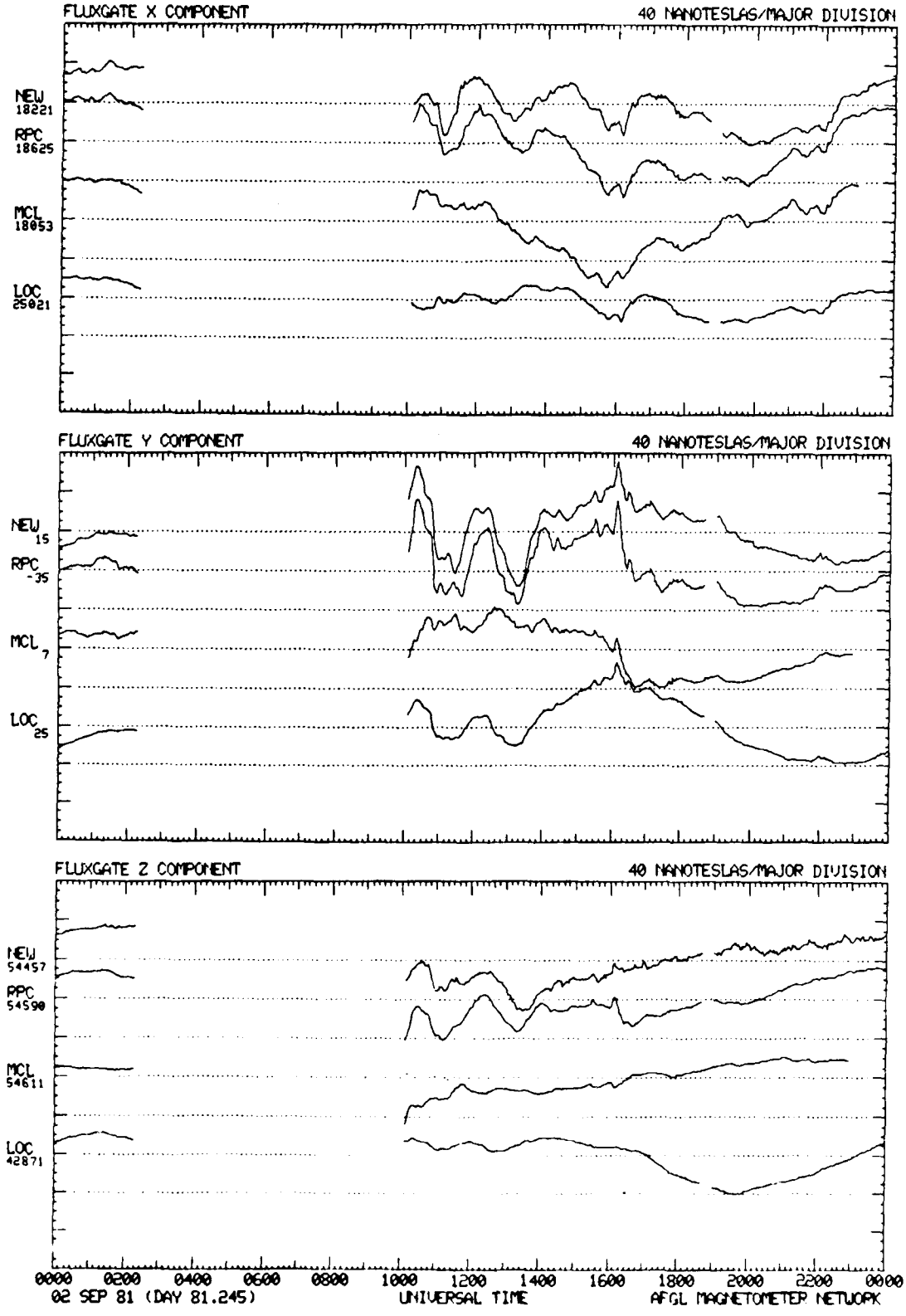
01 SEP 81 (DAY 81.244)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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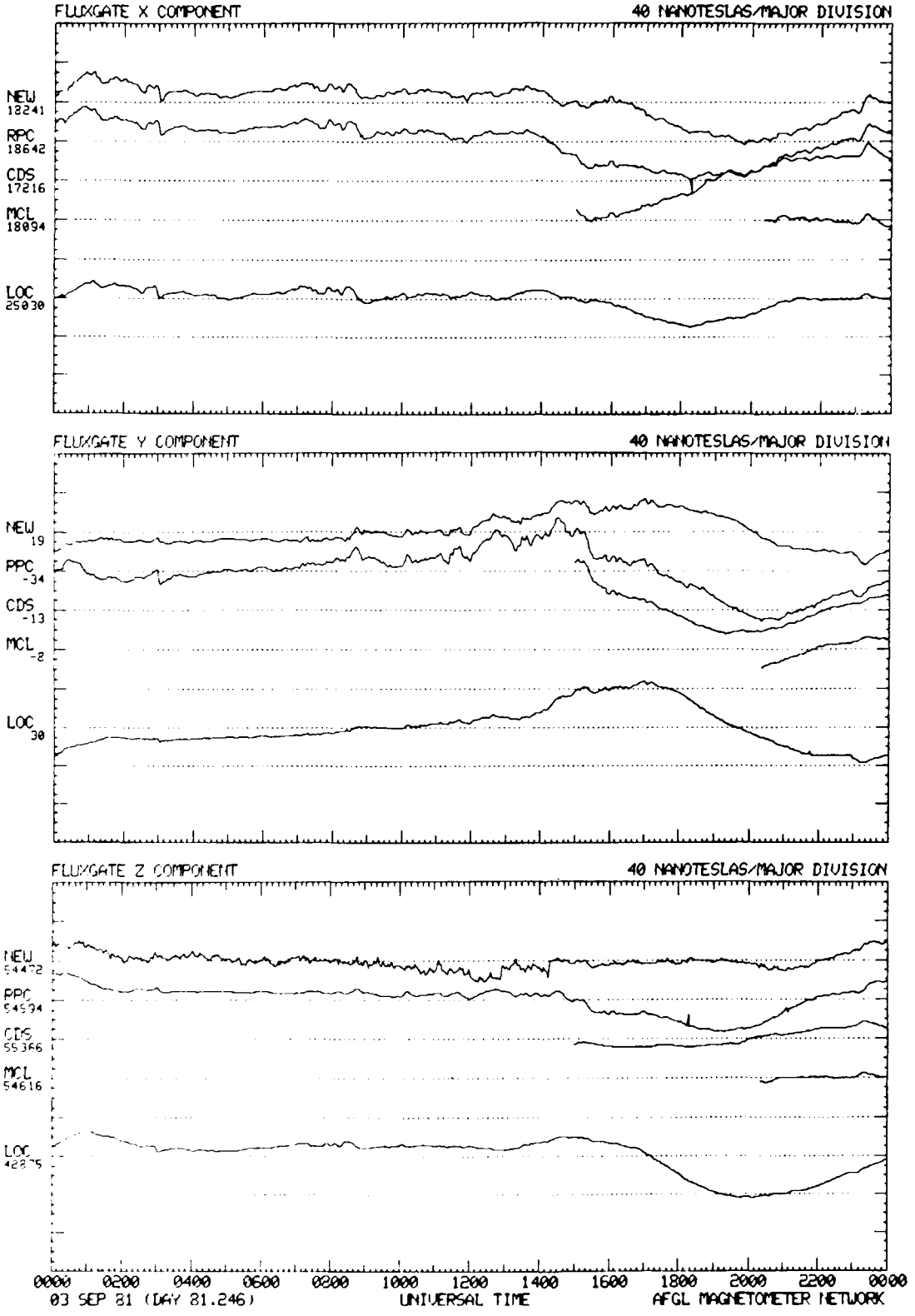
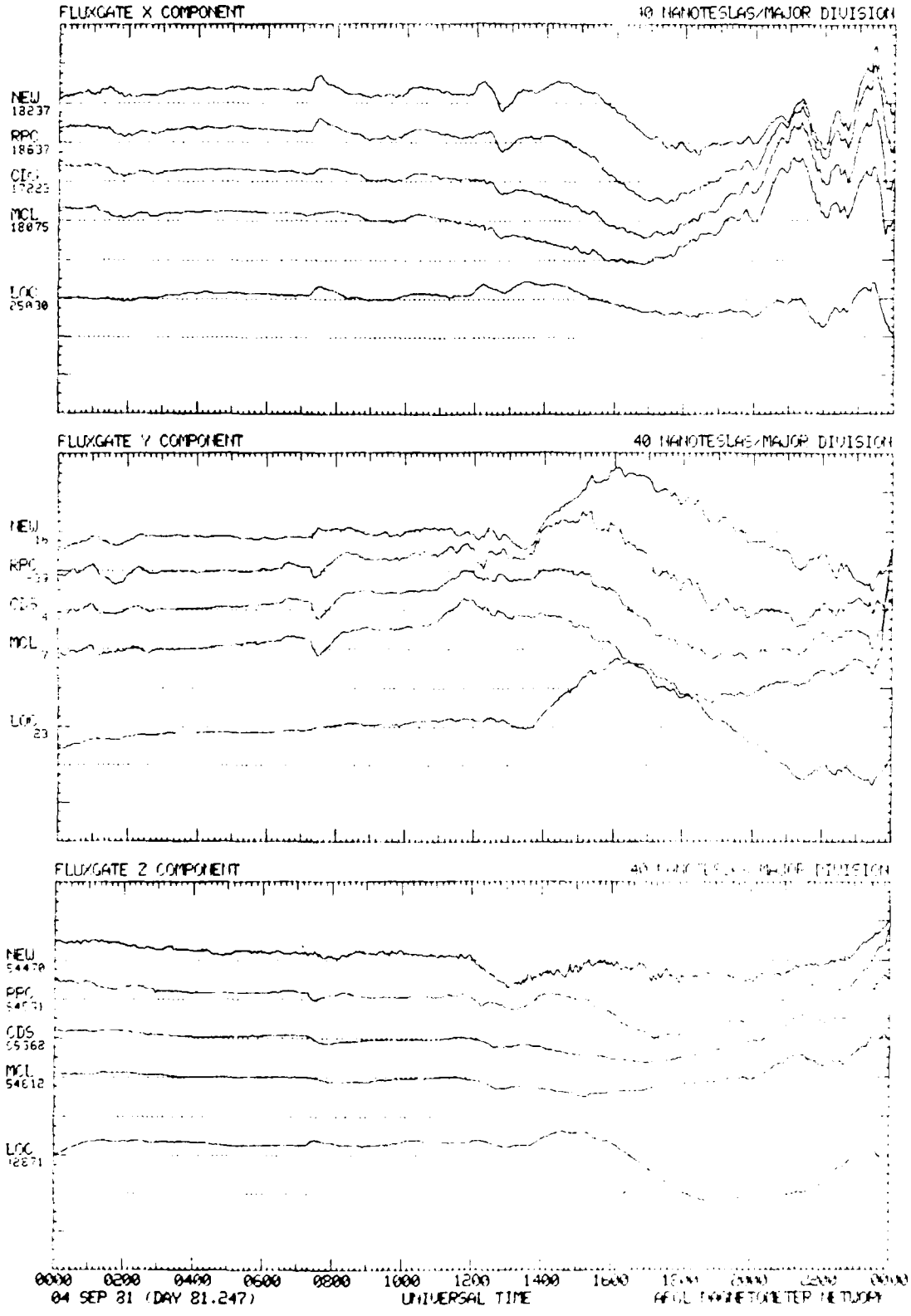
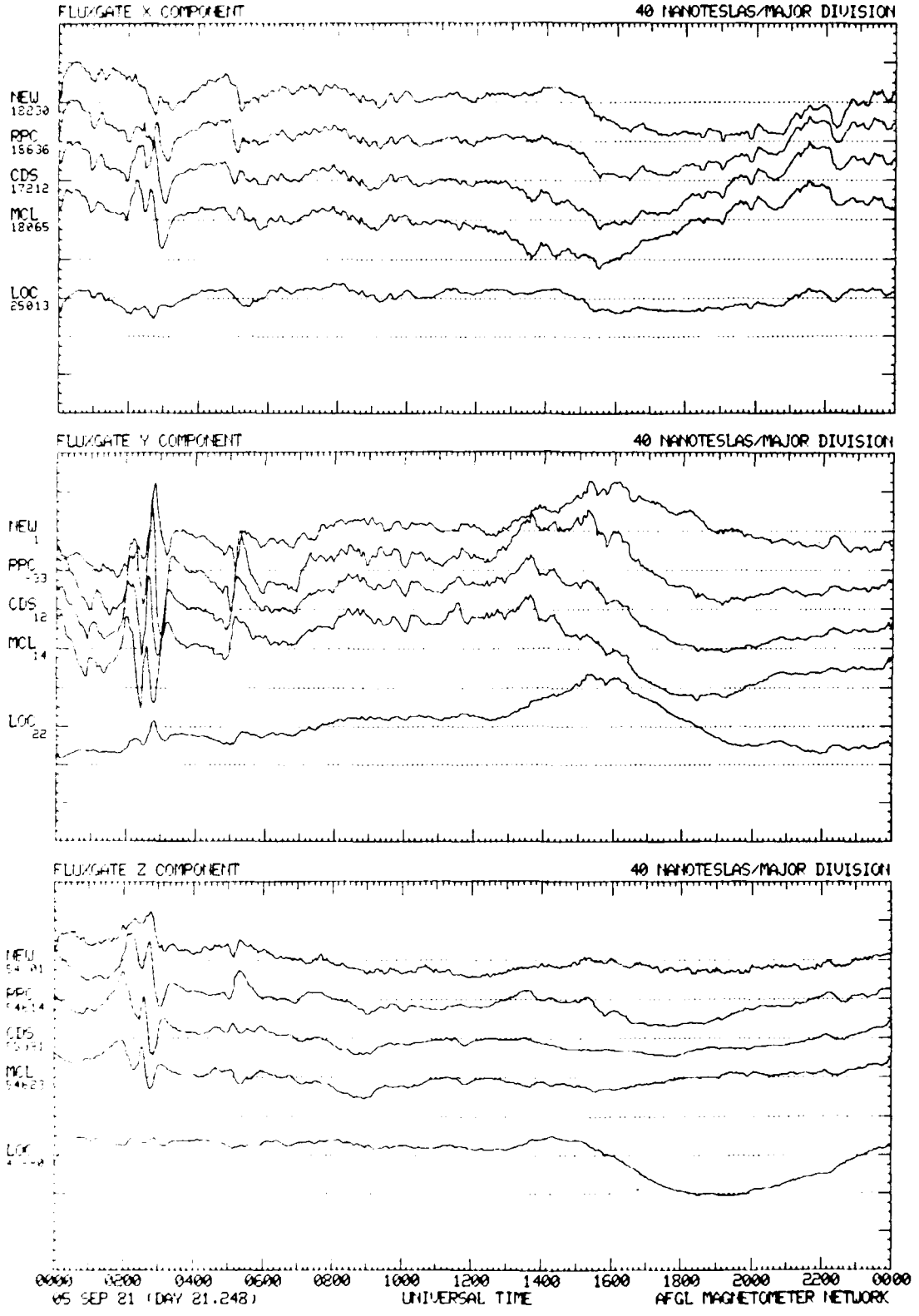
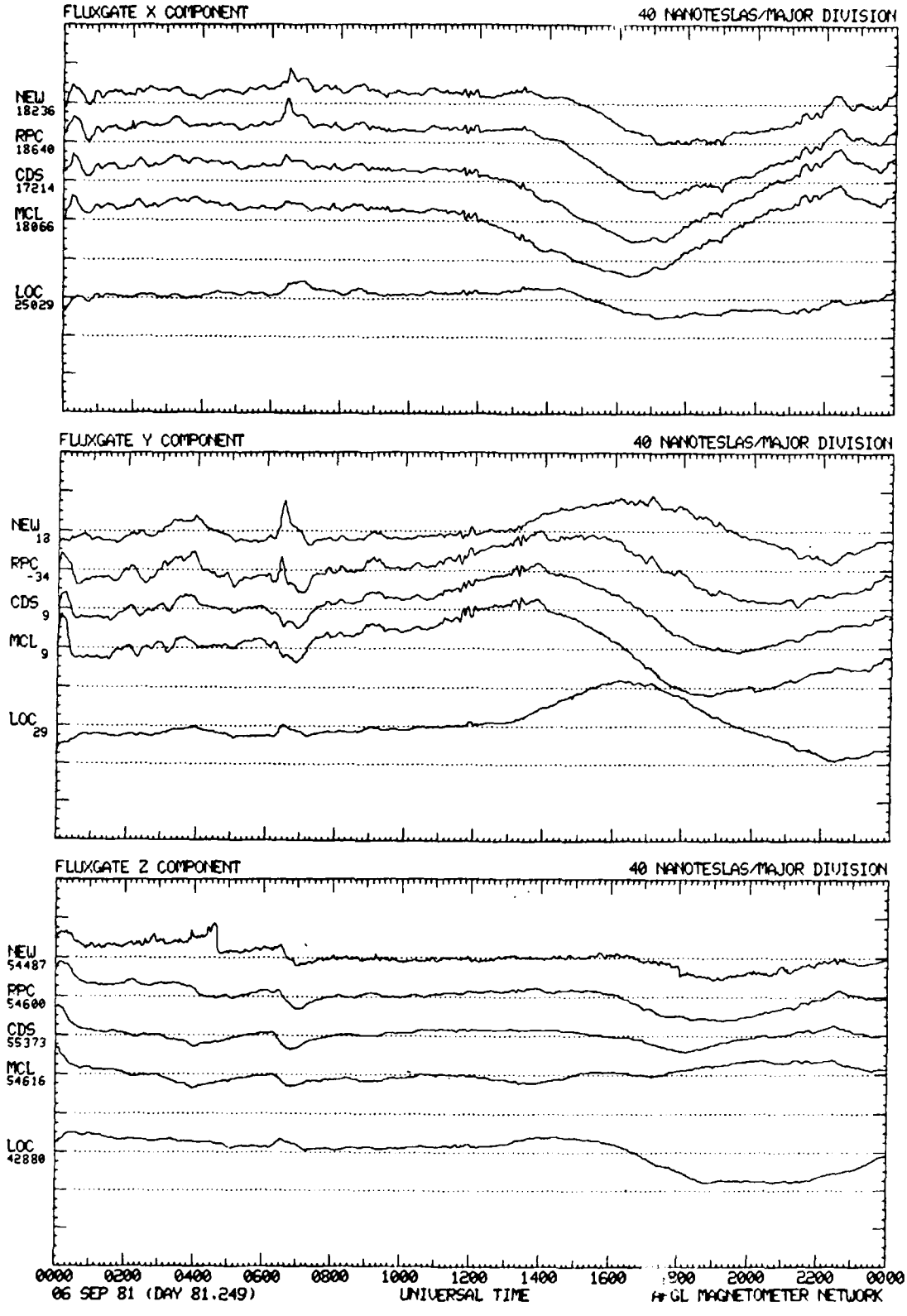
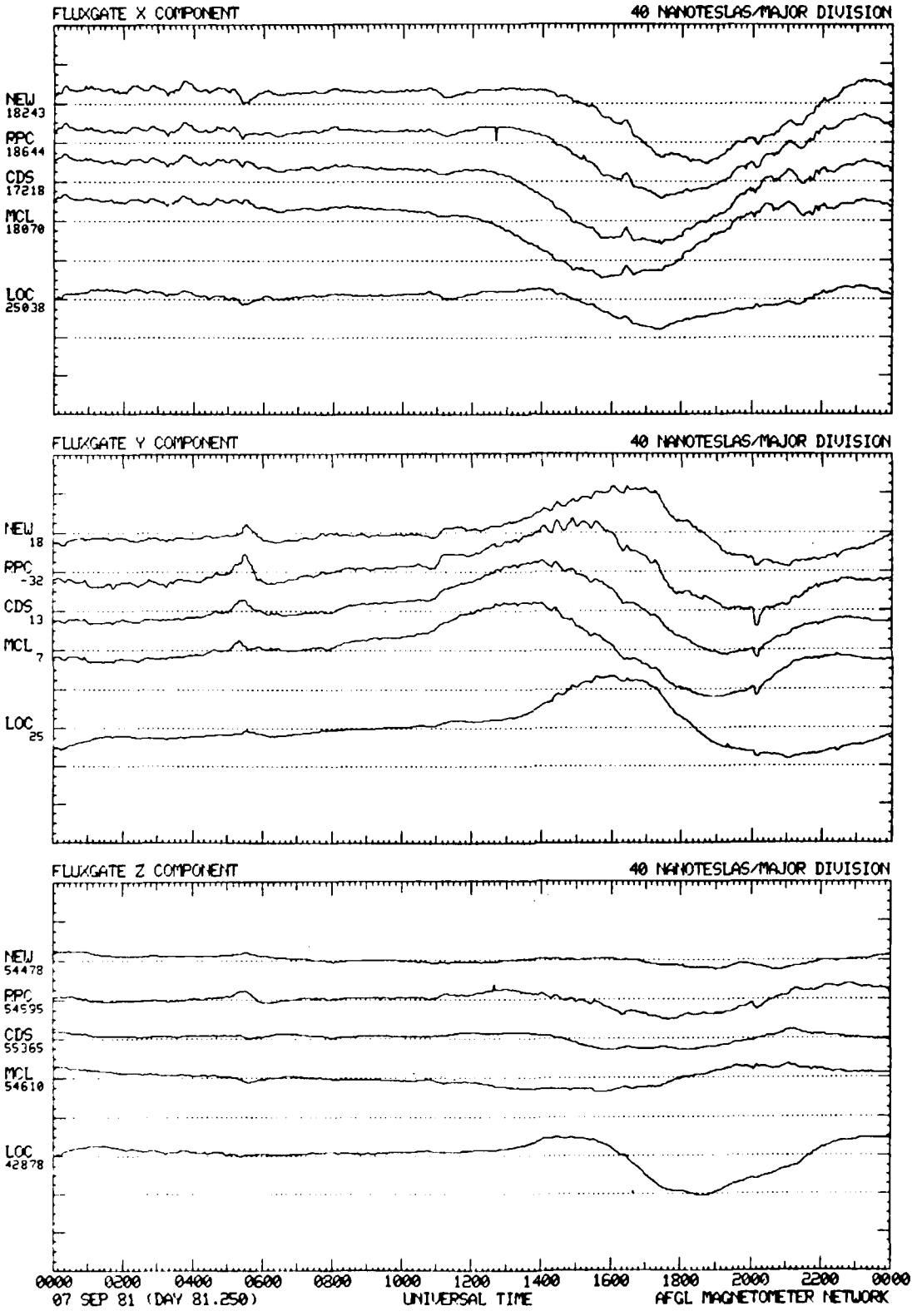
RPC
18625
MCL
18053
LOC
25021
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
15
RPC
-35
MCL
7
LOC
25
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54457
RPC
54590
MCL
54611
LOC
42871
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 SEP 81 (DAY 81.245)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

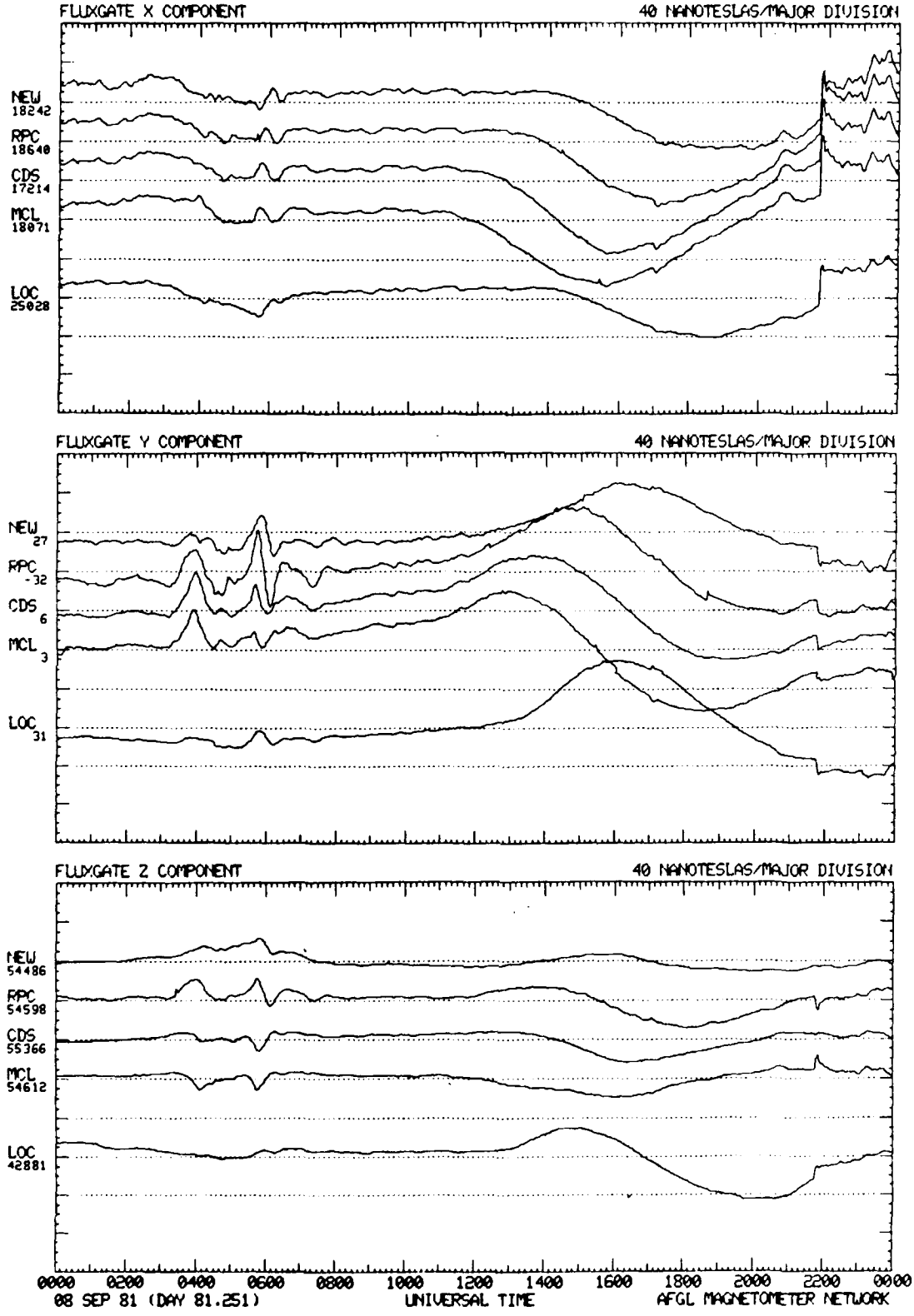

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18241
RPC
18642
CDS
17216
MCL
18094
LOC
25030
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
19
PPC
-34
CDS
-13
MCL
-8
LOC
30
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54472
PPC
54594
CDS
55366
MCL
54616
LOC
42875
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
03 SEP 81 (DAY 81.246)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

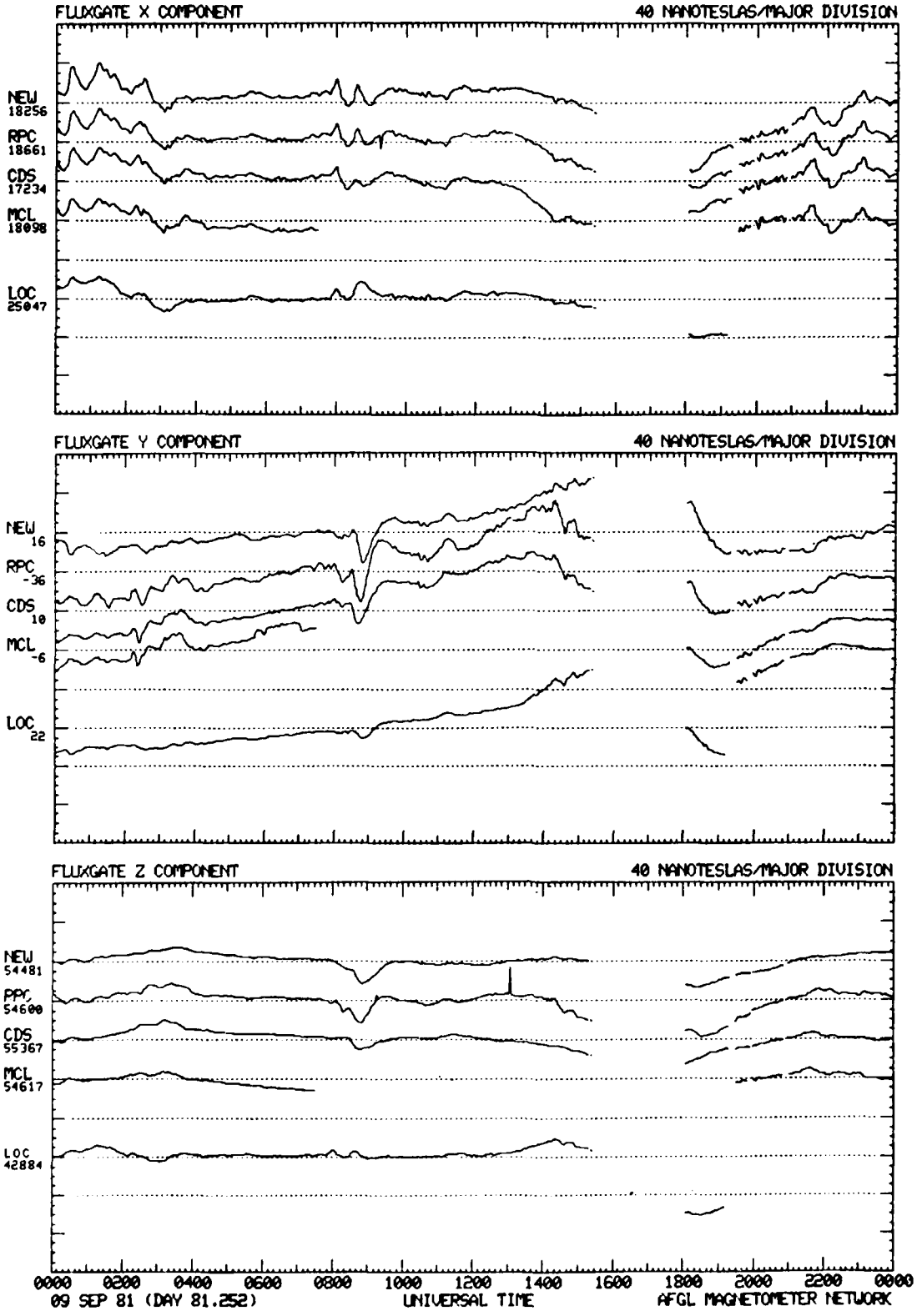

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18237
RPC
18637
CDS
17223
MCL
18075
LOC
25930
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
KPC
CDS
MCL
LOC
23
FLUXGATE Z COMPONENT
NEW
54470
RPC
54691
CDS
55362
MCL
54612
LOC
52871
0000
0200
0400
0600
0800
1000
1200
1400
1600
04 SEP 81 (DAY 81.247)
UNIVERSAL TIME

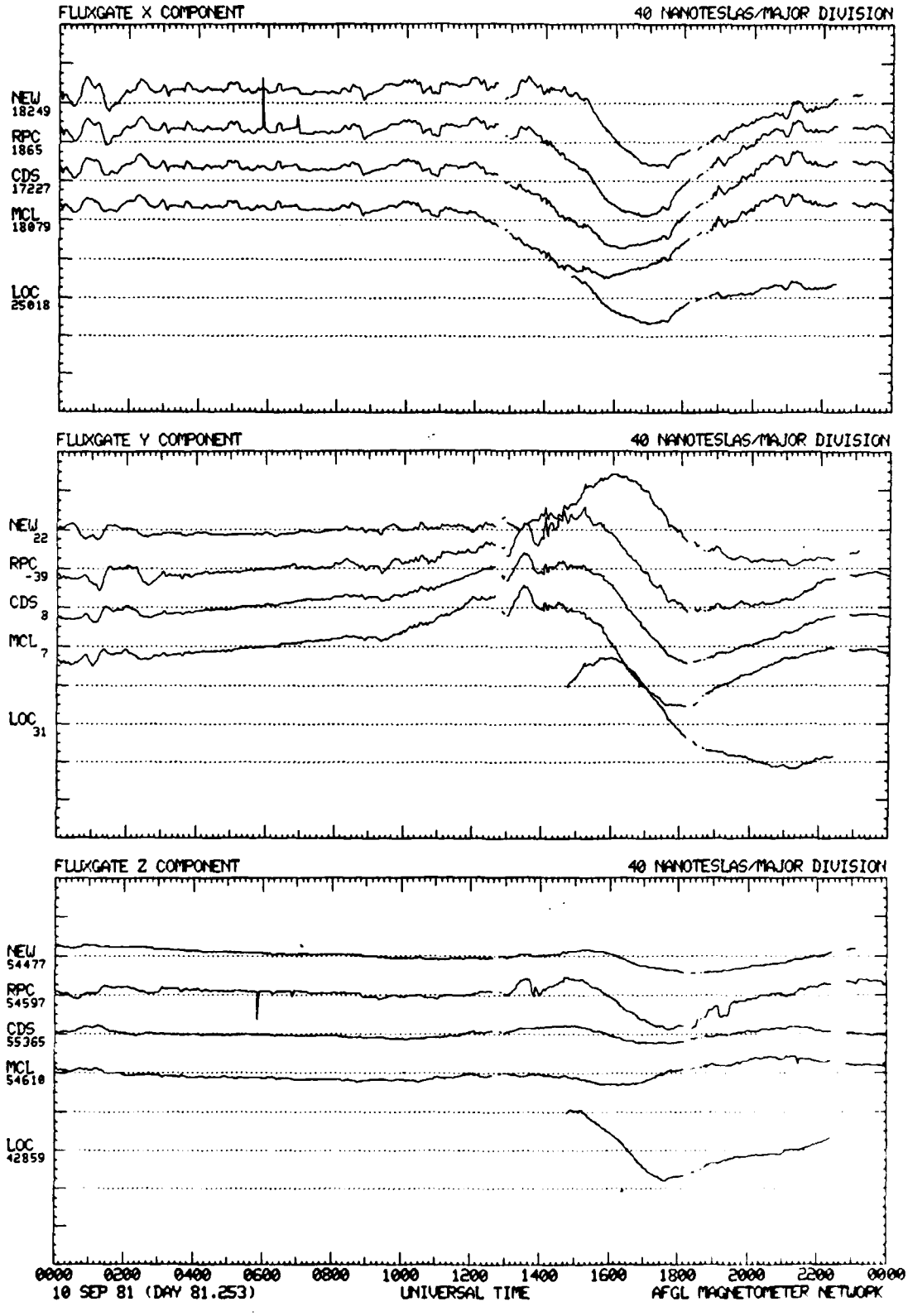

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18230
PPC
18636
CDS
17212
MCL
18265
LOC
25013
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1
PPC
-33
CDS
12
MCL
14
LOC
22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
CDS
MCL
LOC
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
05 SEP 21 (DAY 21.248)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

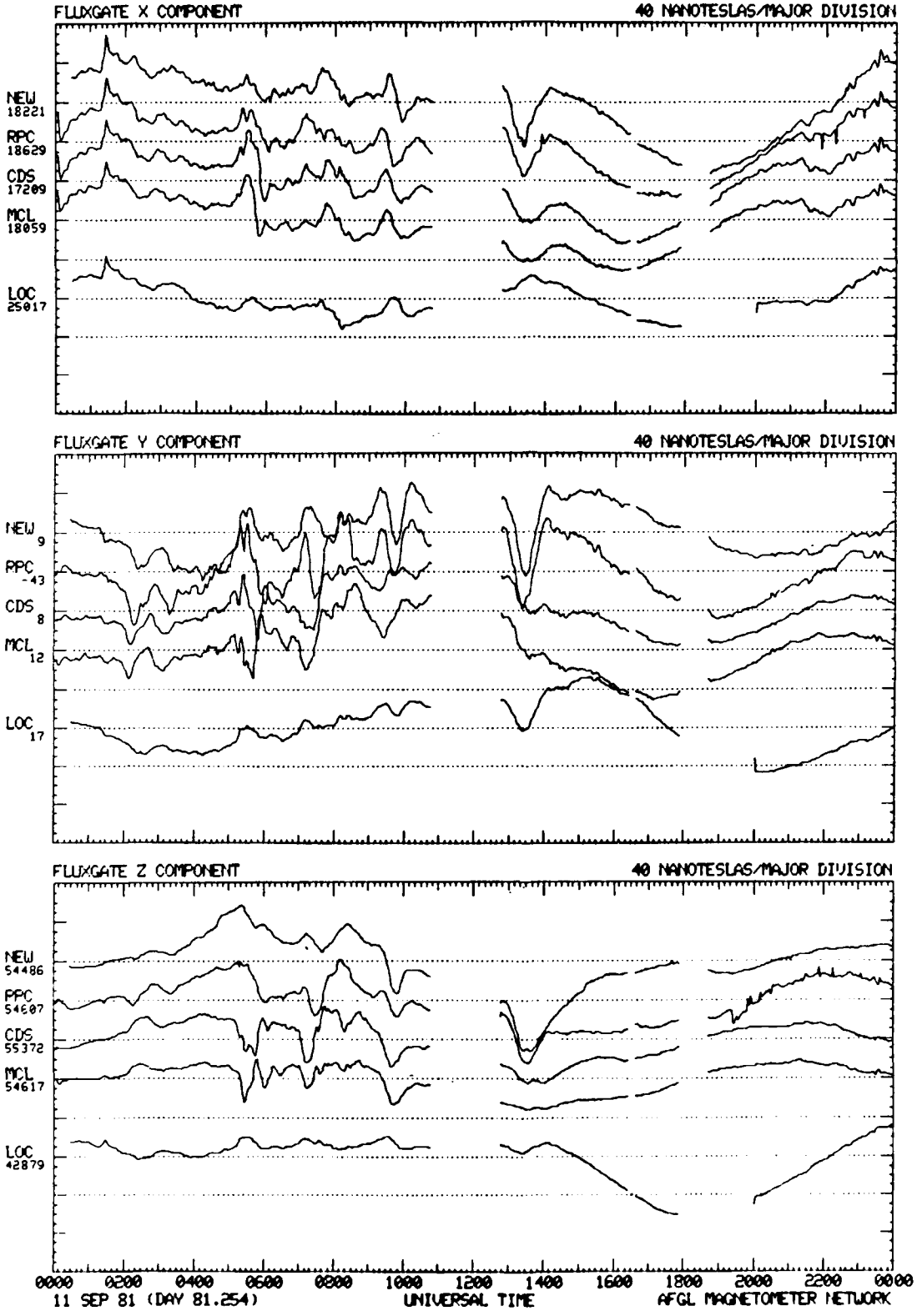

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18640
CDS
17214
MCL
18066
LOC
25029
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18
RPC
-34
CDS
9
MCL
9
LOC
29
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54487
RPC
54600
CDS
55373
MCL
54616
LOC
42880
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 SEP 81 (DAY 81.249)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

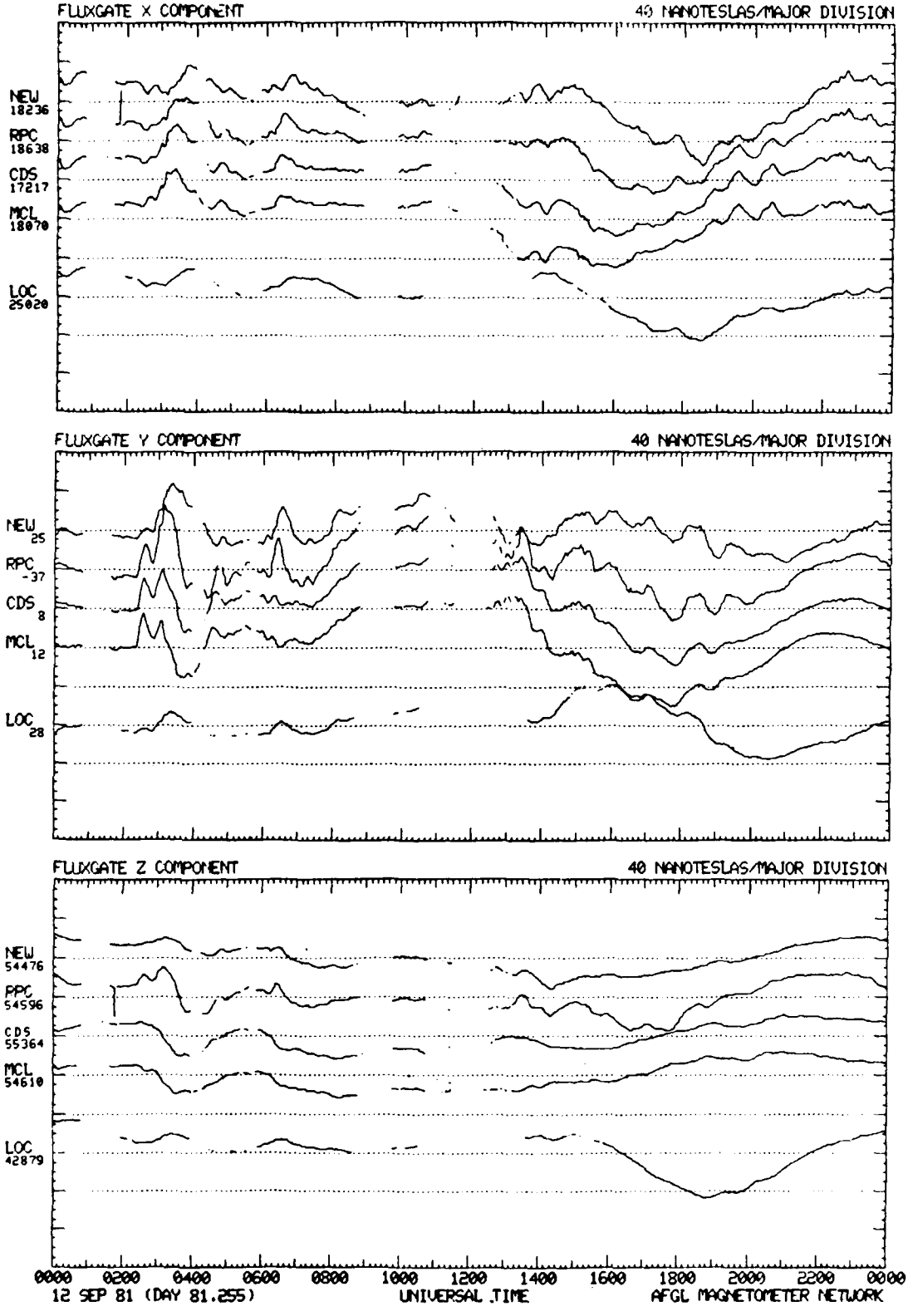

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18243
PPC
18644
CDS
17218
MCL
18070
LOC
25038
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18
PPC
-32
CDS
13
MCL
7
LOC
25
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
PPC
54595
CDS
55365
MCL
54610
LOC
42878
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 SEP 81 (DAY 81.250)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

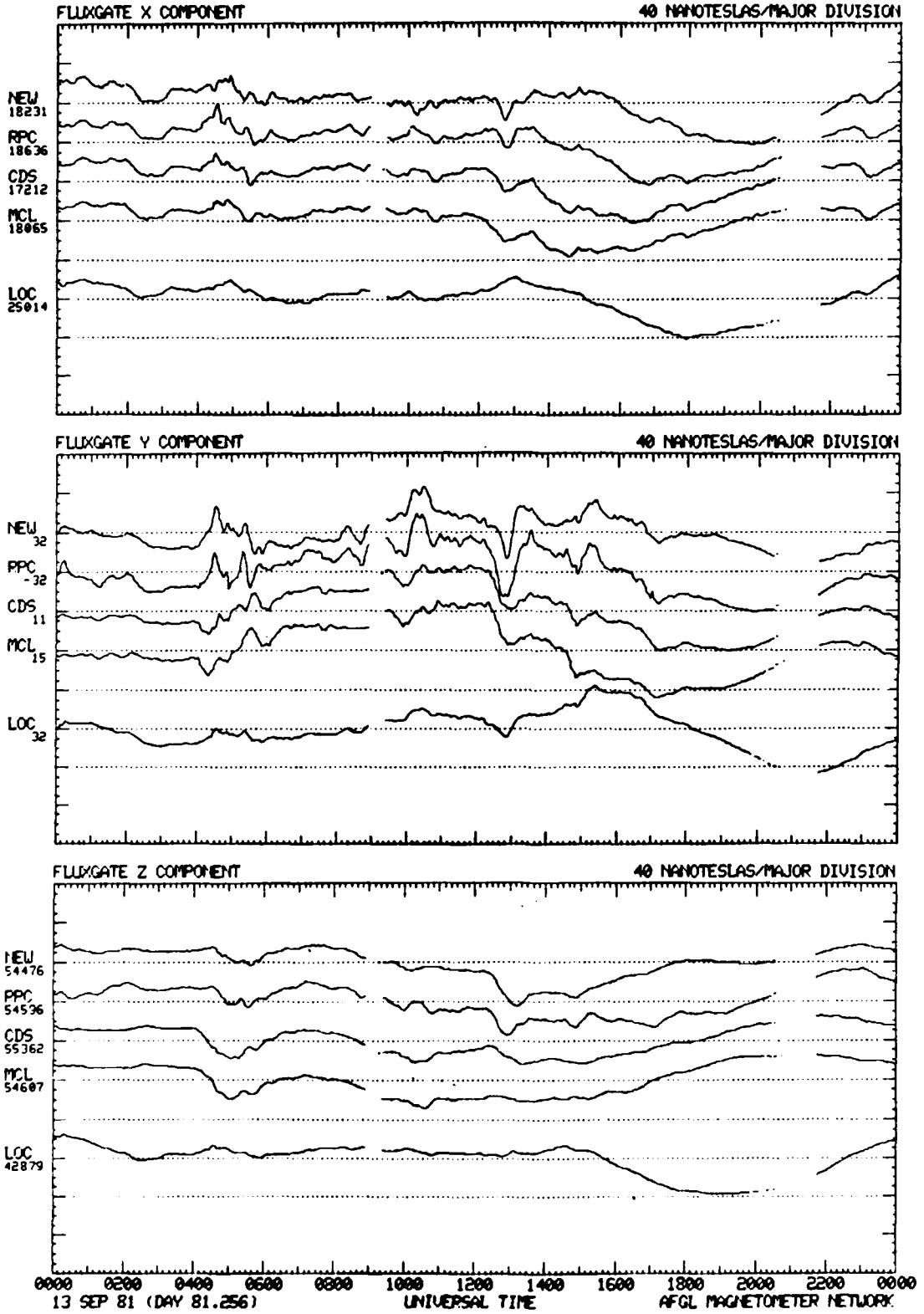

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18242
RPC
18640
CDS
17214
MCL
18071
LOC
25028
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
27
RPC
-32
CDS
6
MCL
3
LOC
31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54486
RPC
54598
CDS
55366
MCL
54612
LOC
42881
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 SEP 81 (DAY 81.251)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

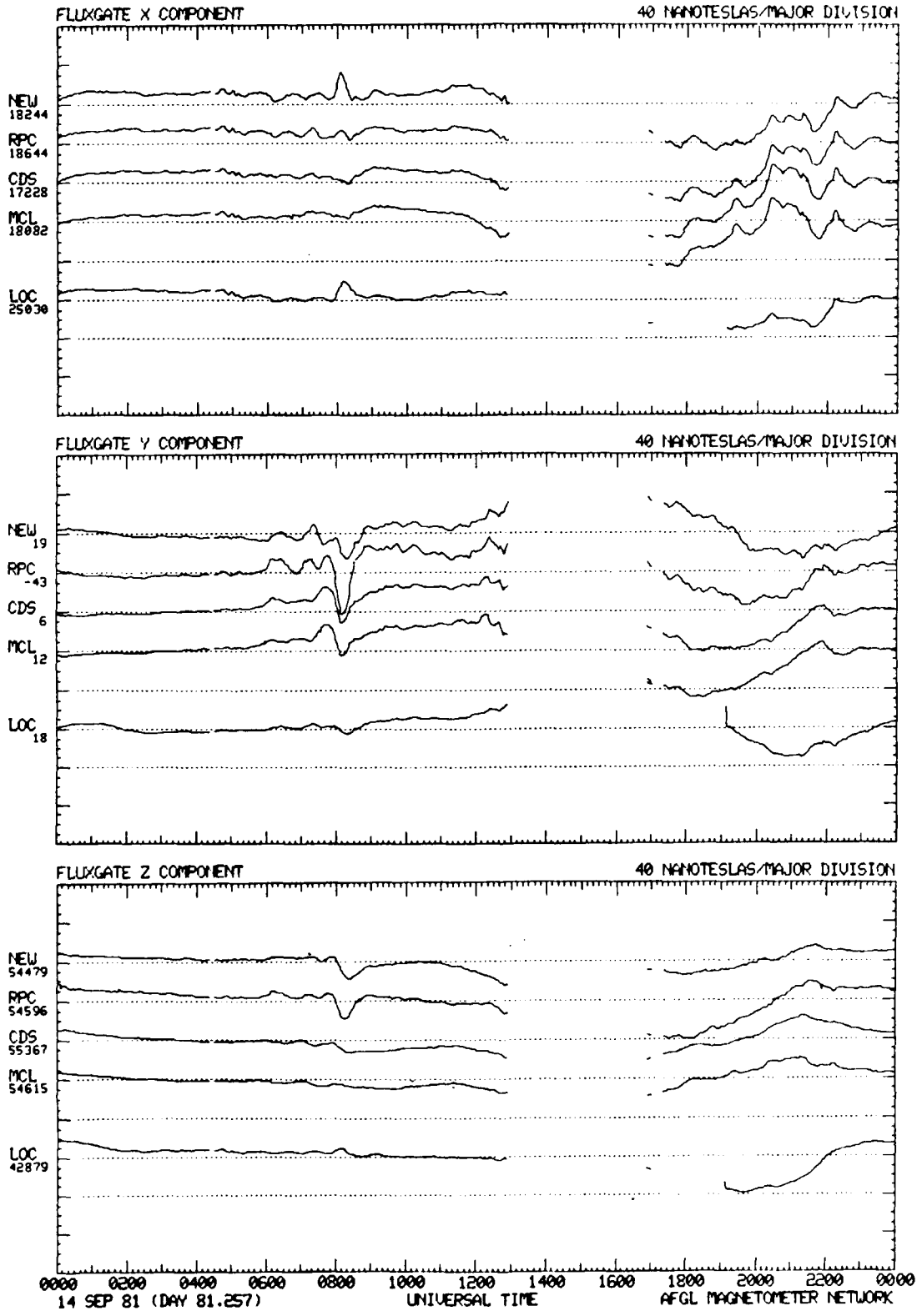

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18256
RPC
18661
CDS
17234
MCL
18098
LOC
25047
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
16
RPC
-36
CDS
10
MCL
-6
LOC
22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54481
PPC
54600
CDS
55367
MCL
54617
LOC
42884
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 SEP 81 (DAY 81.252)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

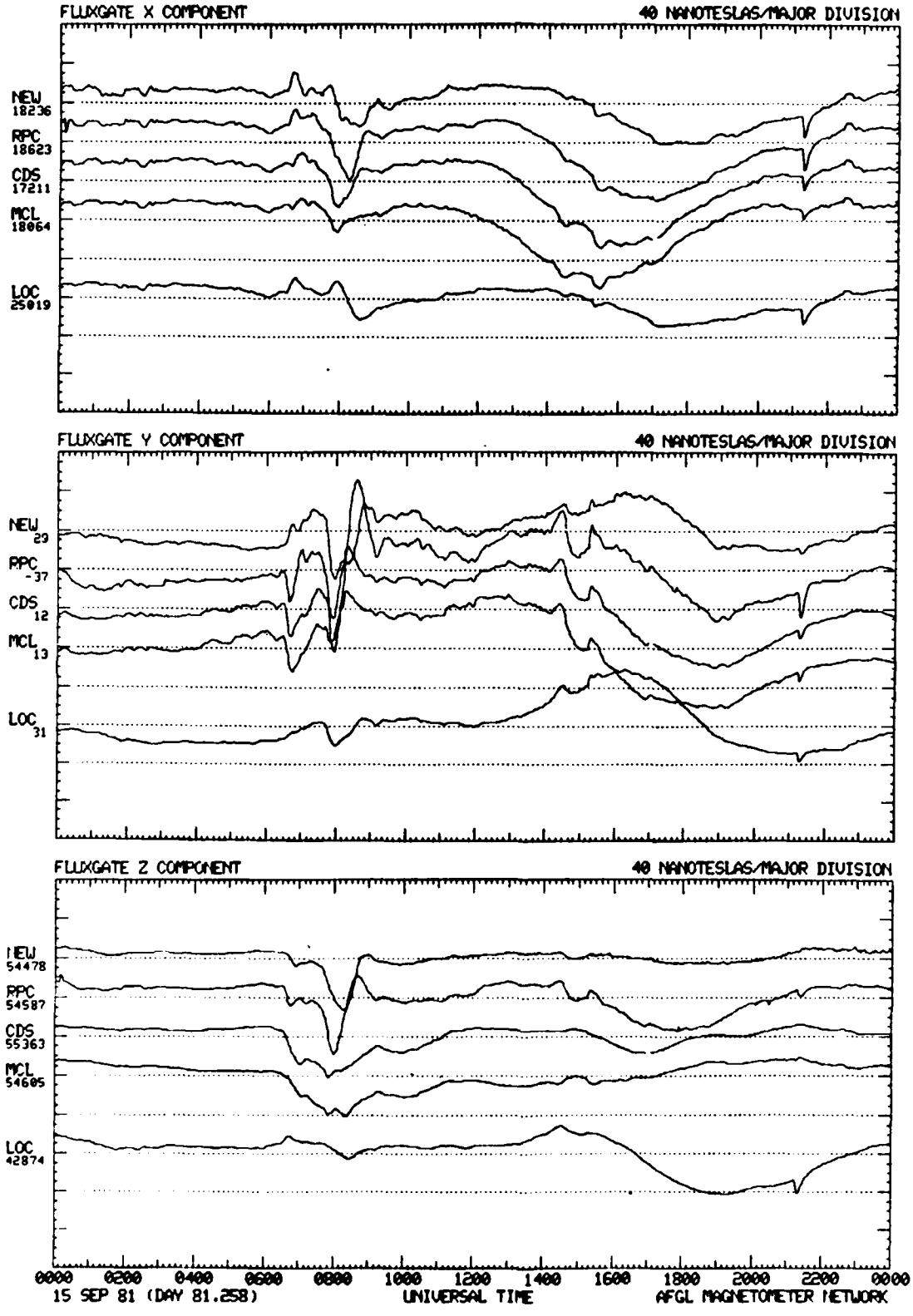

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18249
RPC 1865
CDS 17227
MCL 18079
LOC 25018
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 22
RPC -39
CDS 8
MCL 7
LOC 31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54477
RPC 54597
CDS 55365
MCL 54610
LOC 42859
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 SEP 81 (DAY 81.253)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

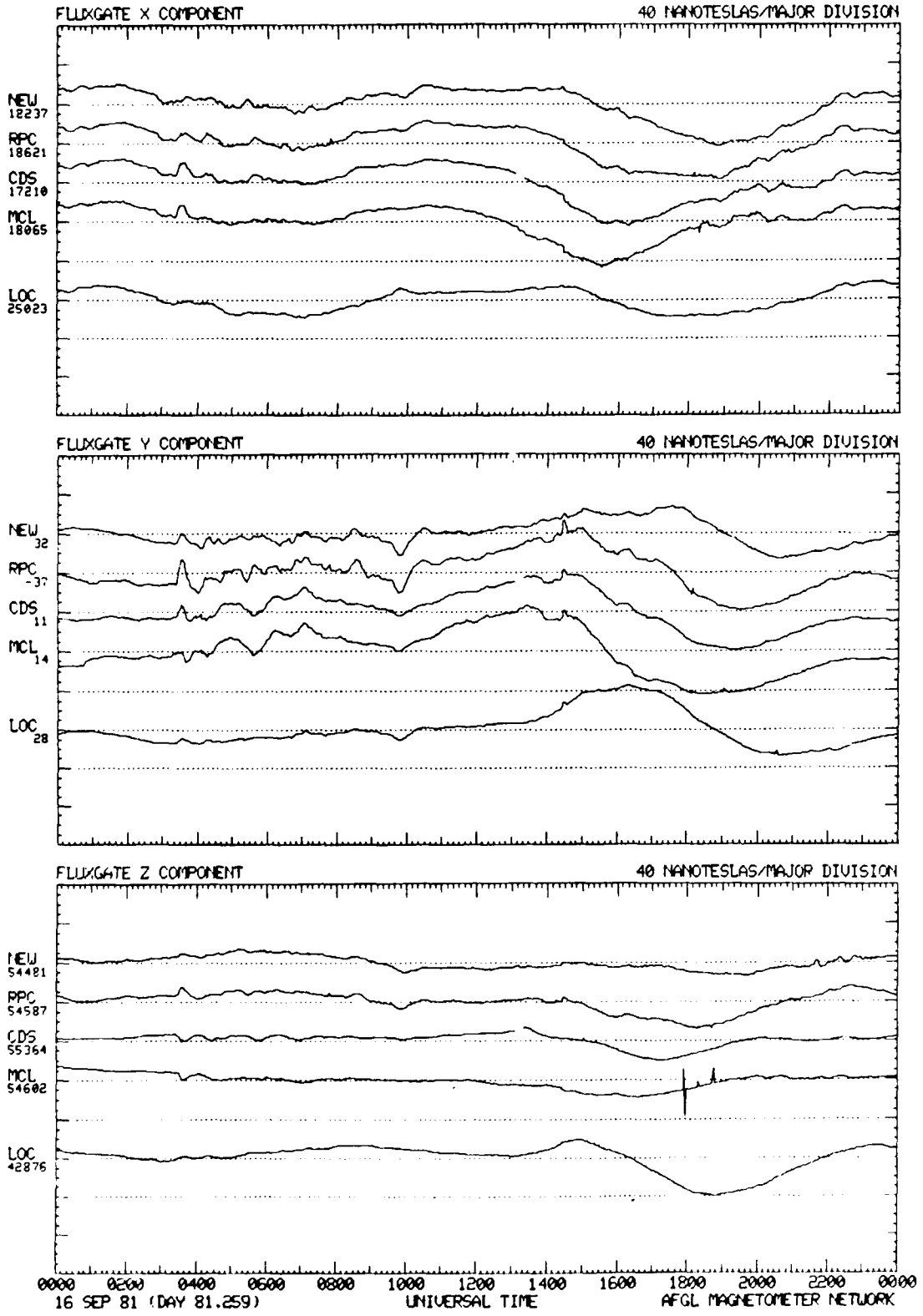

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18221
RPC
18629
CDS
17209
MCL
18059
LOC
25017
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
9
RPC
-43
CDS
8
MCL
12
LOC
17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54486
RPC
54607
CDS
55372
MCL
54617
LOC
42879
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 SEP 81 (DAY 81.254)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

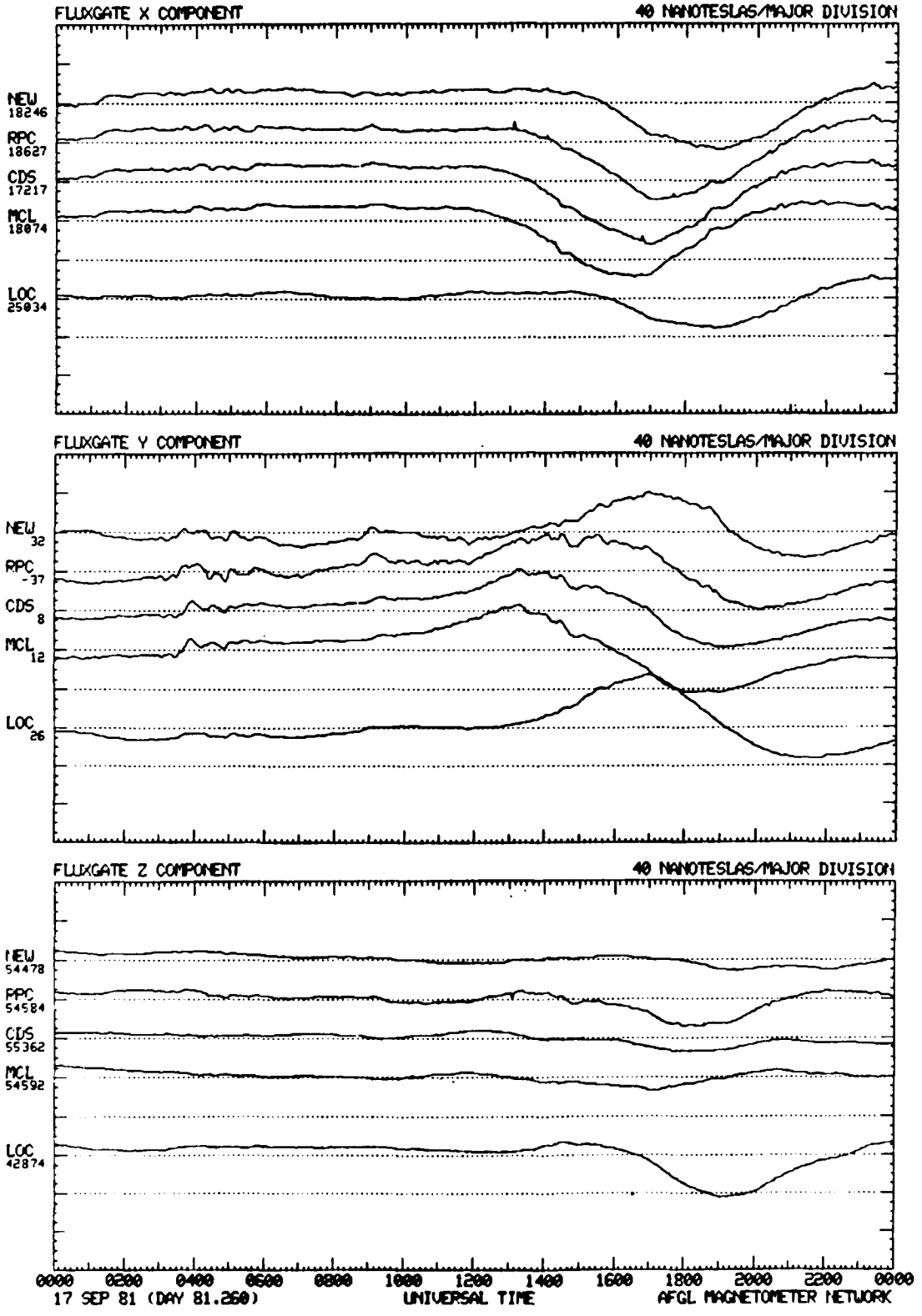

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18236
RPC 18638
CDS 17217
MCL 18070
LOC 25020
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 25
RPC -37
CDS 8
MCL 12
LOC 28
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54476
RPC 54596
CDS 55364
MCL 54610
LOC 42879
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 SEP 81 (DAY 81.255)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

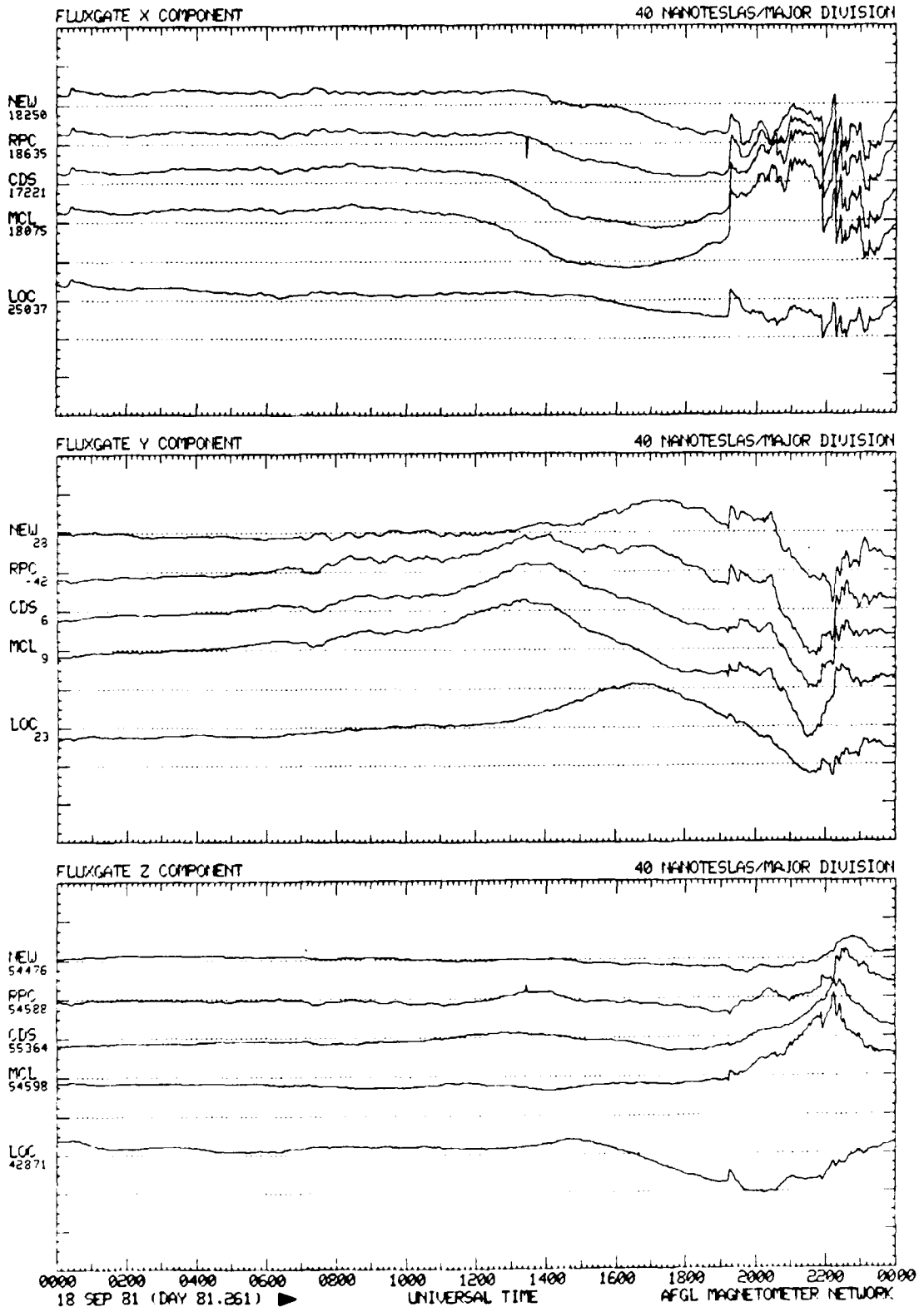

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18231
RPC 18636
CDS 17212
MCL 18065
LOC 25014
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 32
PPC -32
CDS 11
MCL 15
LOC 32
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54476
PPC 54596
CDS 55362
MCL 54607
LOC 42879
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 SEP 81 (DAY 81.256)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

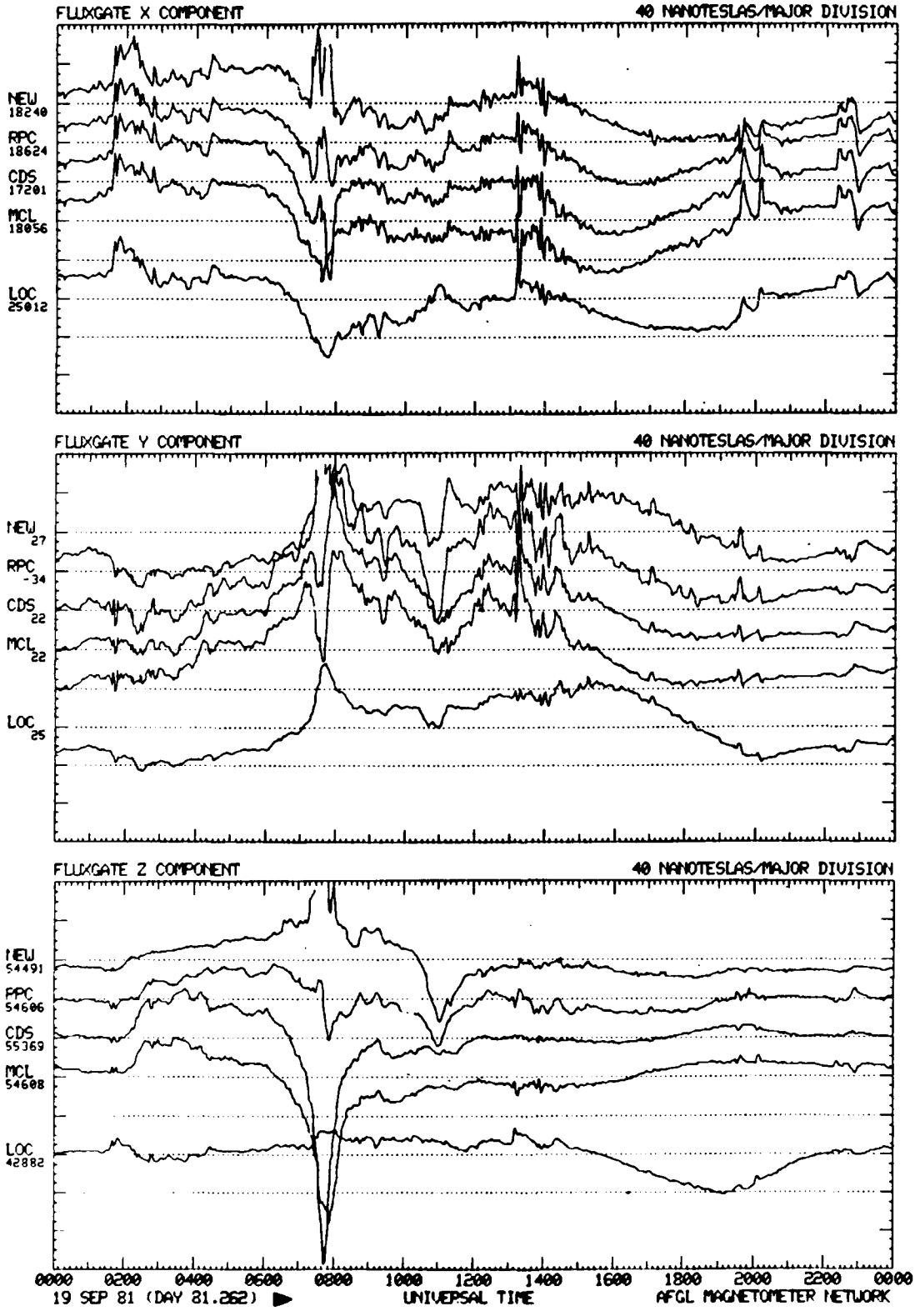

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18244
RPC 18644
CDS 17228
MCL 18082
LOC 25030
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 19
RPC -43
CDS 6
MCL 12
LOC 18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54479
RPC 54596
CDS 55367
MCL 54615
LOC 42879
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 SEP 81 (DAY 81.257)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

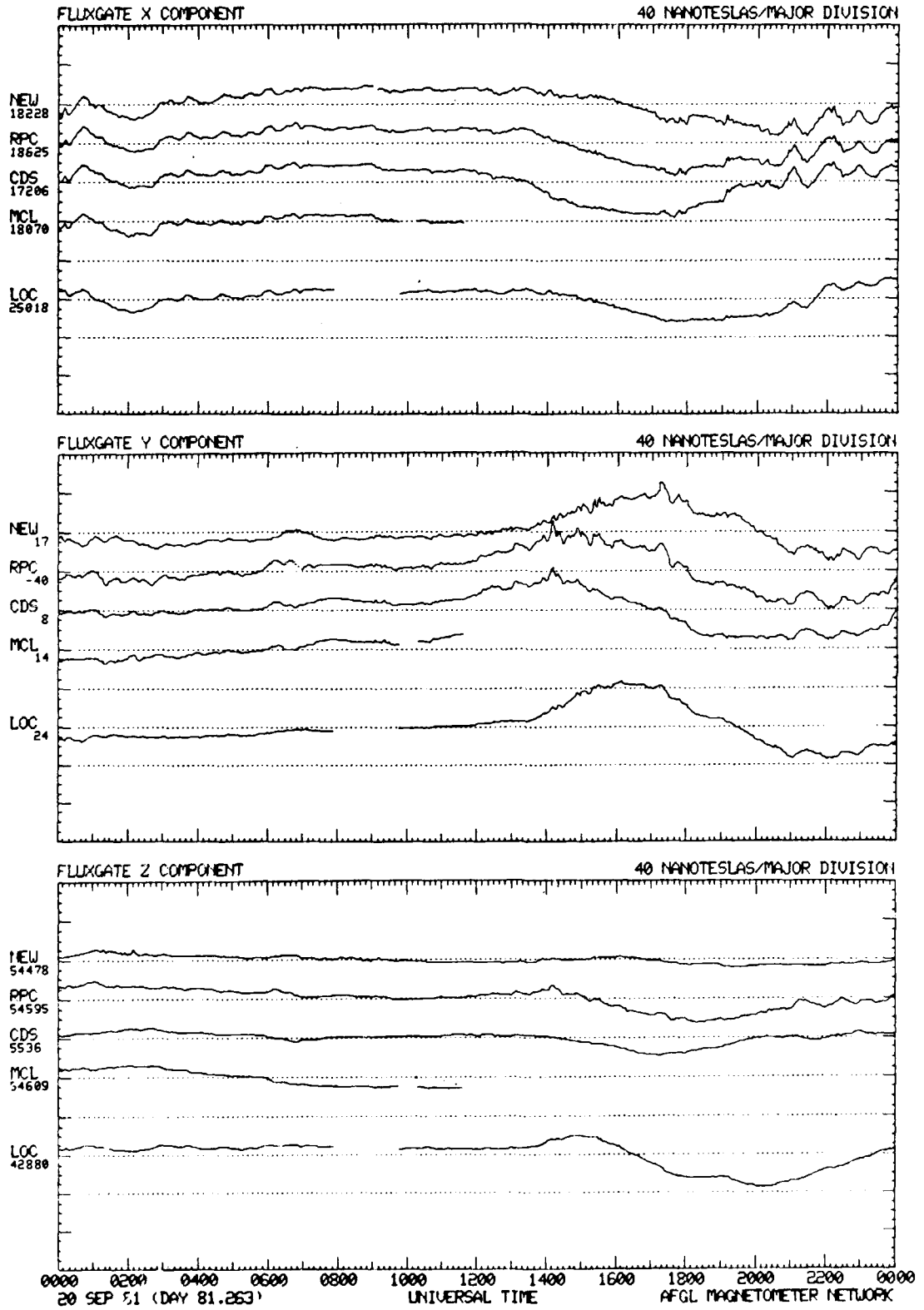

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18236
RPC
18623
CDS
17211
MCL
18064
LOC
25019
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
29
RPC
-37
CDS
12
MCL
13
LOC
31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54587
CDS
55363
MCL
54605
LOC
42874
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 SEP 81 (DAY 81.258)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

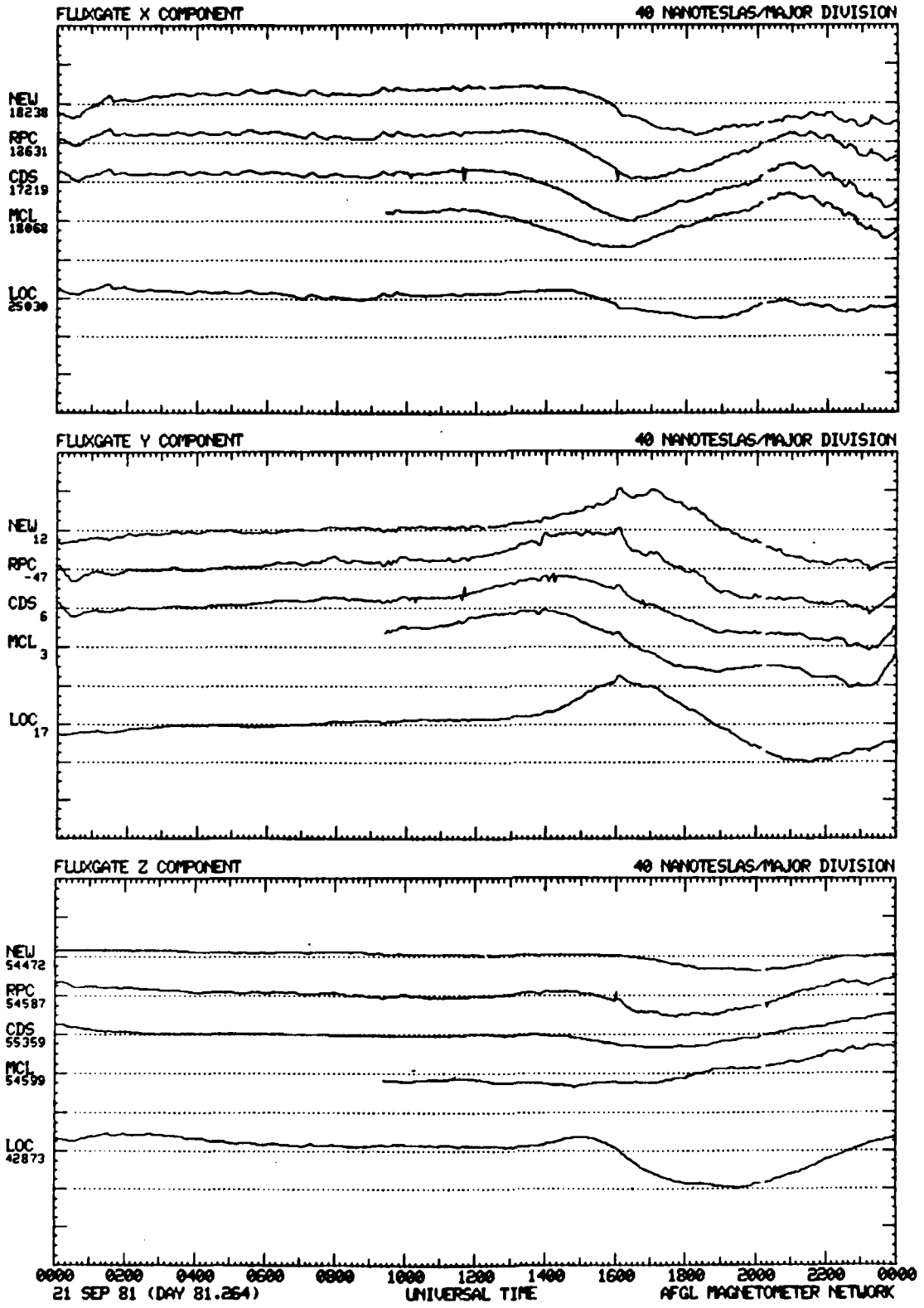

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12237
RPC
18621
CDS
17210
MCL
18065
LOC
25023
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
32
RPC
-37
CDS
11
MCL
14
LOC
28
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54481
RPC
54587
CDS
55364
MCL
54602
LOC
42876
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 SEP 81 (DAY 81.259)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

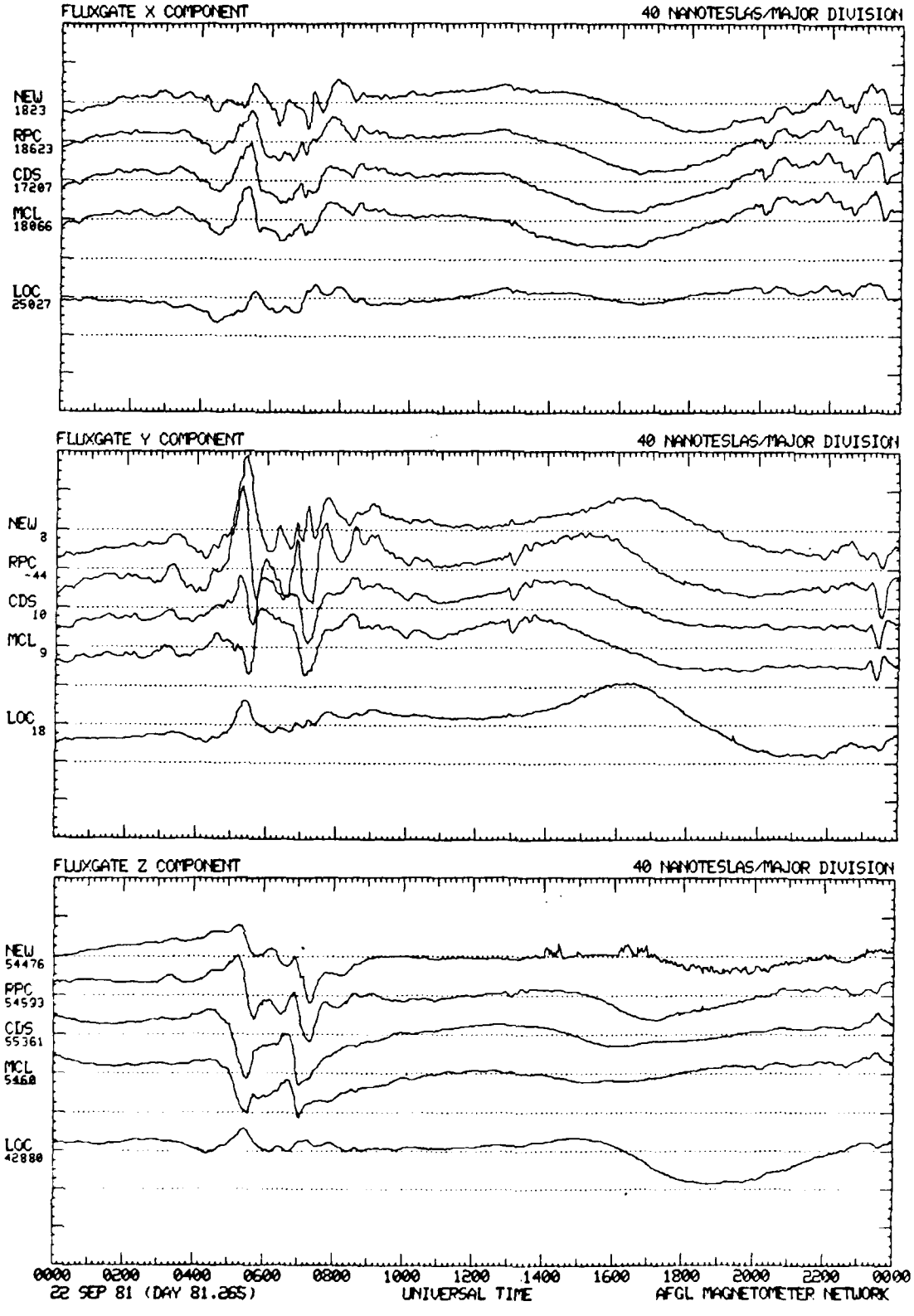

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18246
RPC
18627
CDS
17217
MCL
18074
LOC
25034
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
32
RPC
-37
CDS
8
MCL
12
LOC
26
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54584
CDS
55362
MCL
54592
LOC
42874
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 SEP 81 (DAY 81.260)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

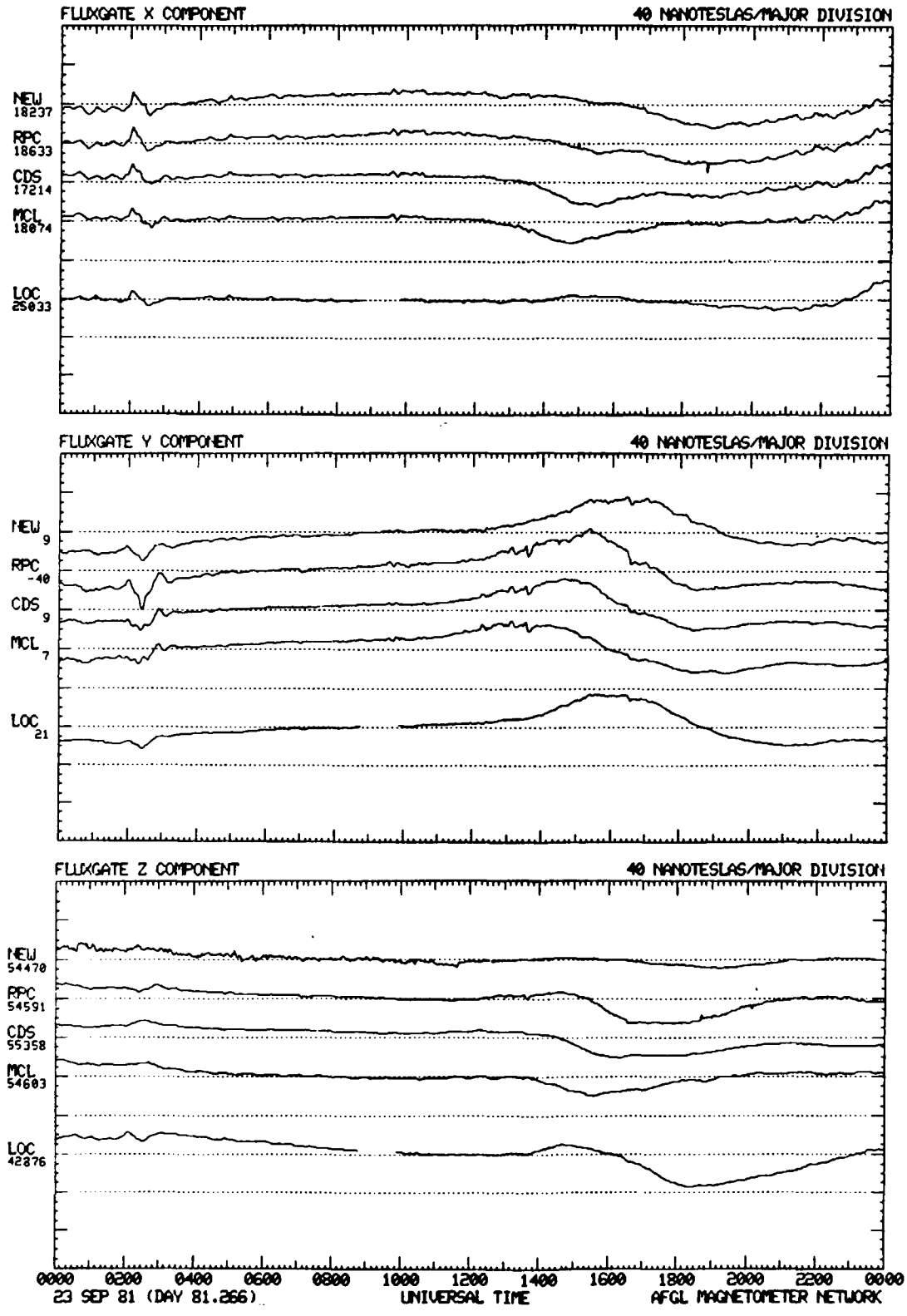

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18250
RPC
18635
CDS
17221
MCL
18075
LOC
25037
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
28
RPC
-42
CDS
6
MCL
9
LOC
23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54476
RPC
54588
CDS
55364
MCL
54598
LOC
42871
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 SEP 81 (DAY 81.261)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

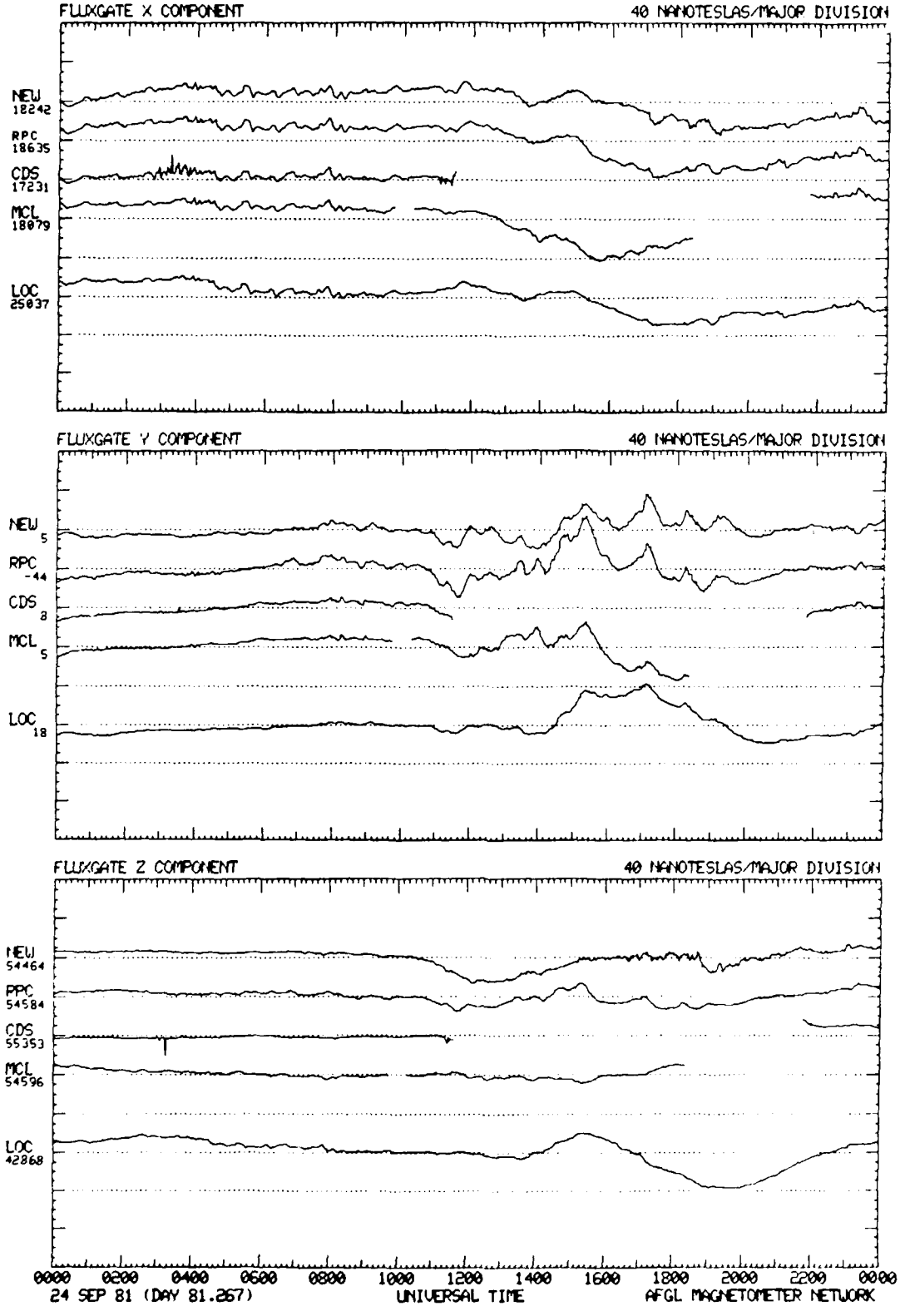

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18240
RPC 18624
CDS 17201
MCL 18056
LOC 25012
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 27
RPC -34
CDS 22
MCL 22
LOC 25
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54491
RPC 54606
CDS 55369
MCL 54608
LOC 42882
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 SEP 81 (DAY 81.262)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

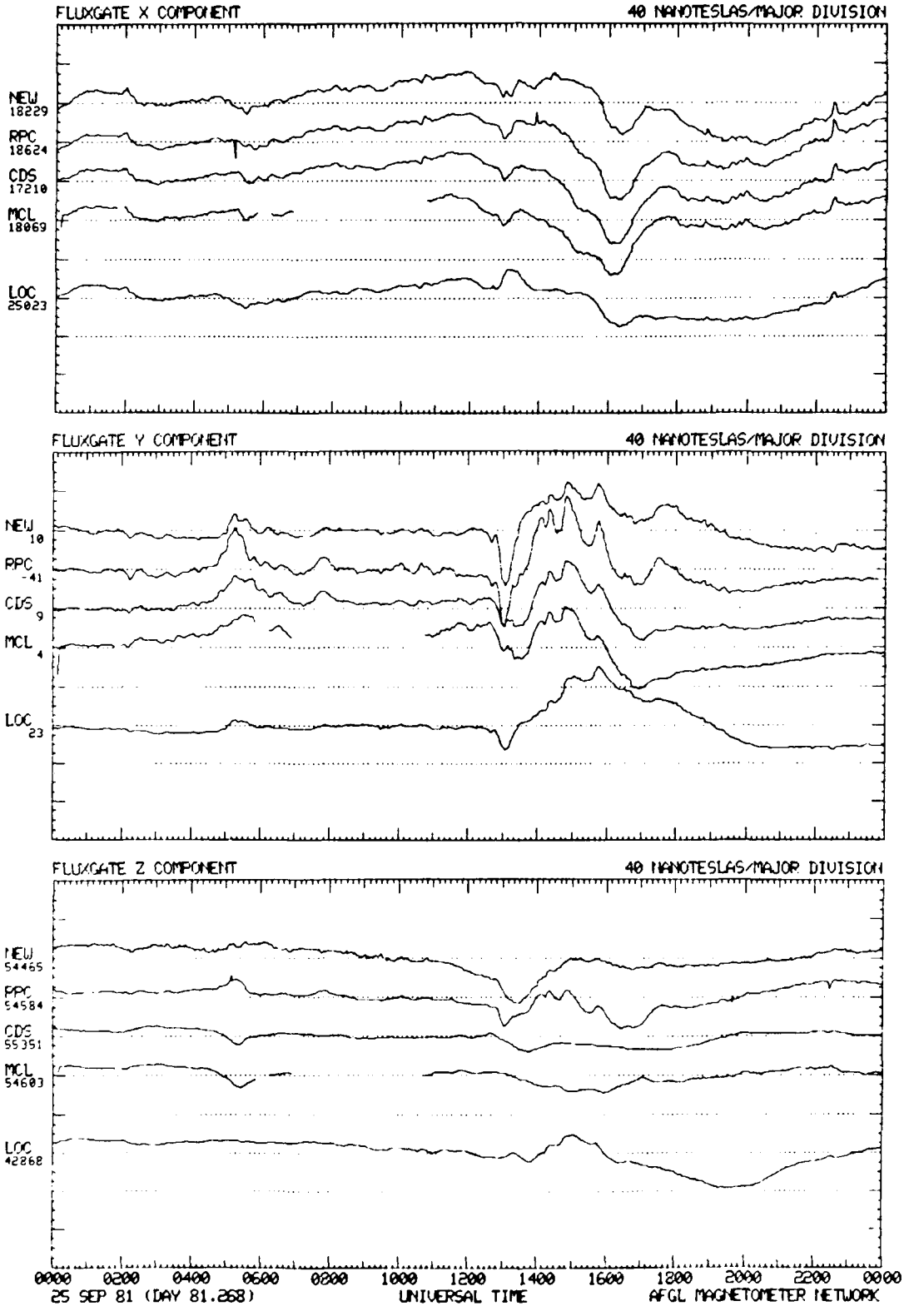

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18228
RPC
18625
CDS
17206
MCL
18070
LOC
25018
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
17
RPC
-40
CDS
8
MCL
14
LOC
24
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54595
CDS
5536
MCL
54609
LOC
42880
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 SEP 81 (DAY 81.263)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

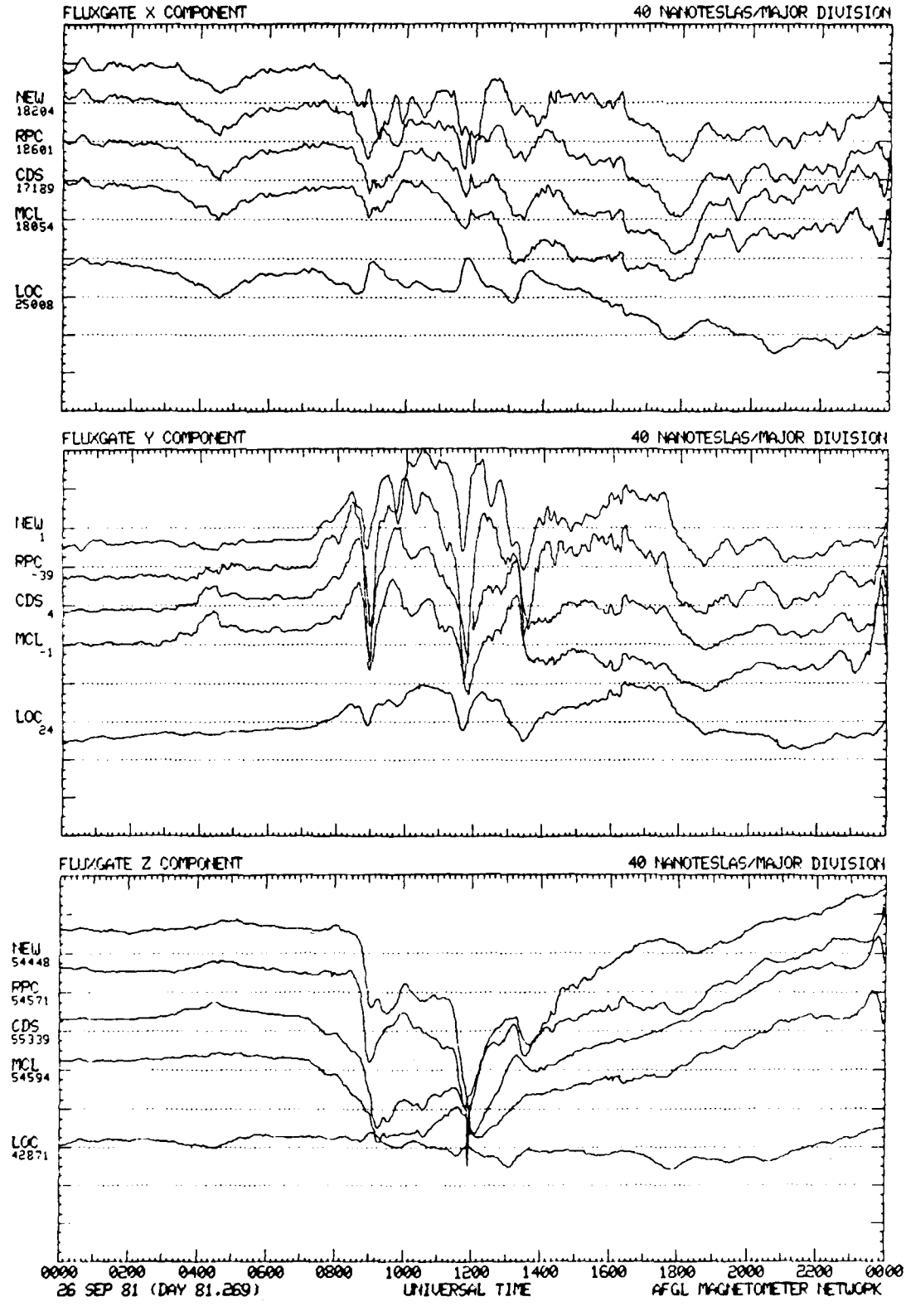

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18238
RPC
13631
CDS
17219
MCL
18068
LOC
25030
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12
RPC
-47
CDS
6
MCL
3
LOC
17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54472
RPC
54587
CDS
55359
MCL
54599
LOC
42873
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 SEP 81 (DAY 81.264)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1823
RPC
18623
CDS
17207
MCL
18066
LOC
25027
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
8
RPC
-44
CDS
10
MCL
9
LOC
18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54476
RPC
54593
CDS
55361
MCL
54680
LOC
42880
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 SEP 81 (DAY 81.265)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18237
RPC
18633
CDS
17214
MCL
18074
LOC
25033
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
9
RPC
-40
CDS
9
MCL
7
LOC
21
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54470
RPC
54591
CDS
55358
MCL
54603
LOC
42876
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 SEP 81 (DAY 81.266)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18242
RPC
18635
CDS
17231
MCL
18079
LOC
25037
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
5
RPC
-44
CDS
8
MCL
5
LOC
18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54464
PPC
54584
CDS
55353
MCL
54596
LOC
42868
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 SEP 81 (DAY 81.267)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18229
RPC
18624
CDS
17210
MCL
18069
LOC
25023
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
10
RPC
-41
CDS
9
MCL
4
LOC
23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54465
RPC
54584
CDS
55351
MCL
54603
LOC
42868
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 SEP 81 (DAY 81.268)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18204
RPC
18601
CDS
17189
MCL
18054
LOC
25008
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1
RPC
-39
CDS
4
MCL
-1
LOC
24
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54448
RPC
54571
CDS
55339
MCL
54594
LOC
42871
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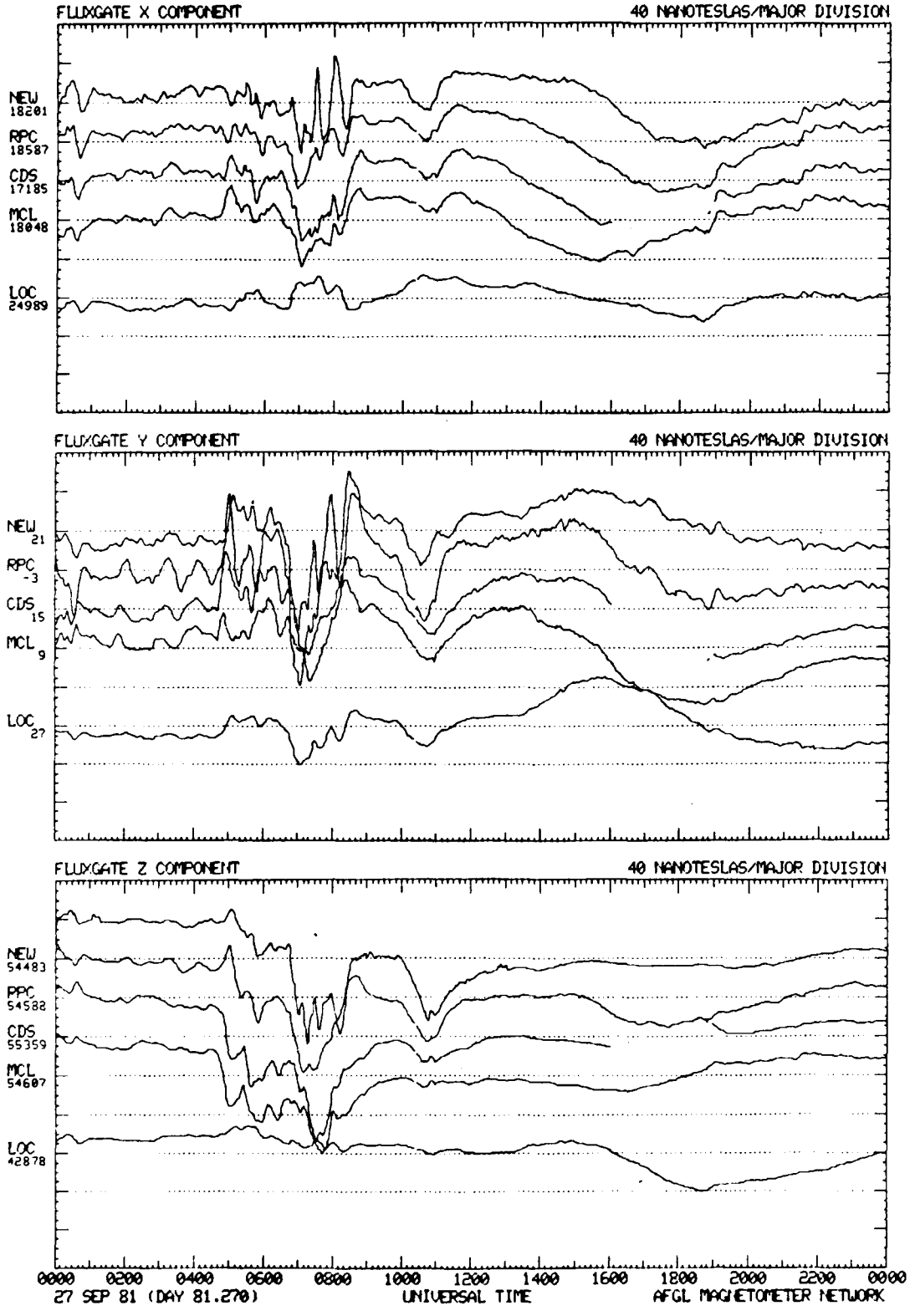
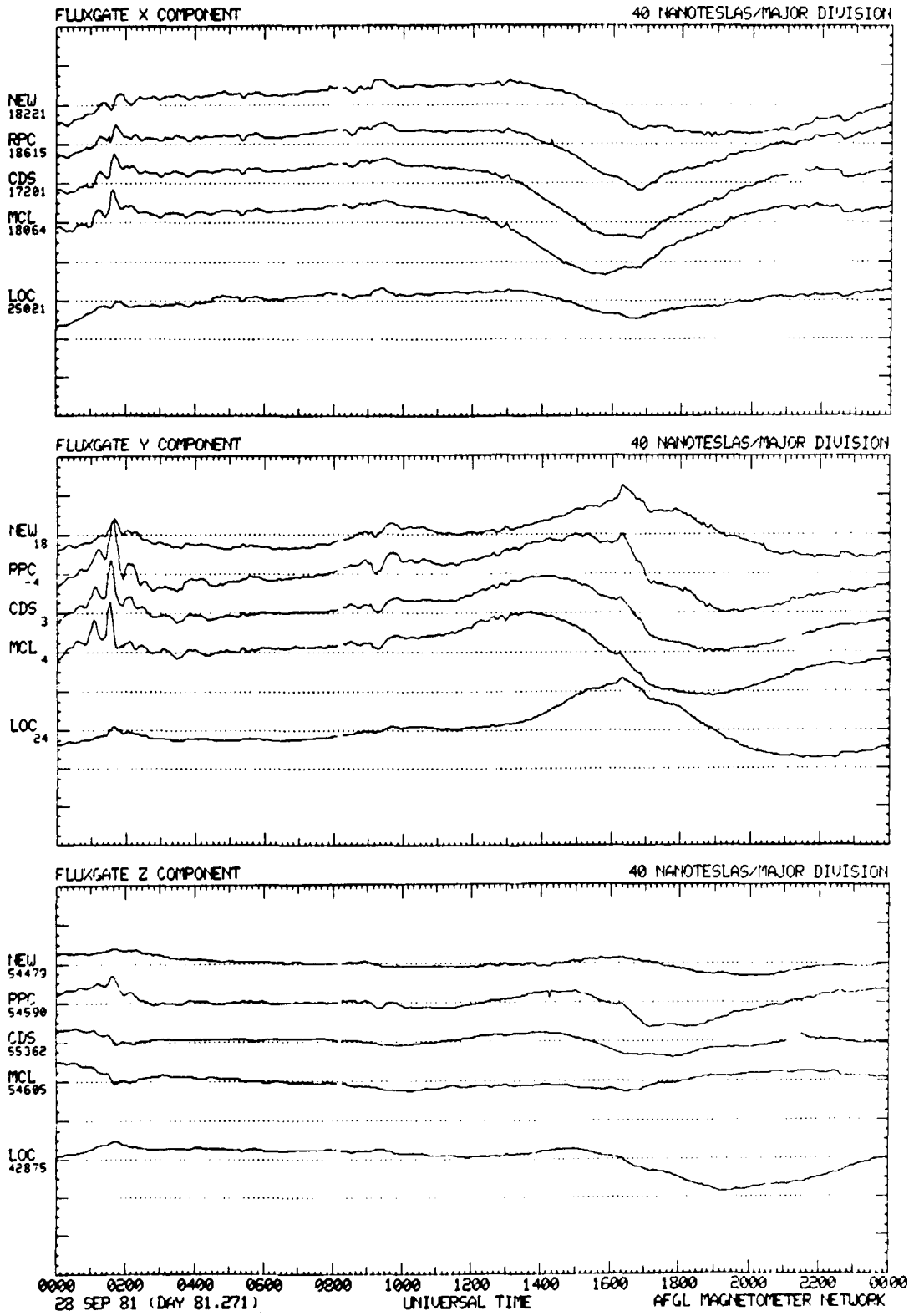
26 SEP 81 (DAY 81.269)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18201
RPC
18587
CDS
17185
MCL
18048
LOC
24989
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
21
RPC
-3
CDS
15
MCL
9
LOC
27
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54483
PPC
54582
CDS
55359
MCL
54607
LOC
42878
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 SEP 81 (DAY 81.270)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18221
RPC 18615
CDS 17201
MCL 18064
LOC 25021
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18
RPC -4
CDS 3
MCL 4
LOC 24
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54479
RPC 54590
CDS 55362
MCL 54605
LOC 42875
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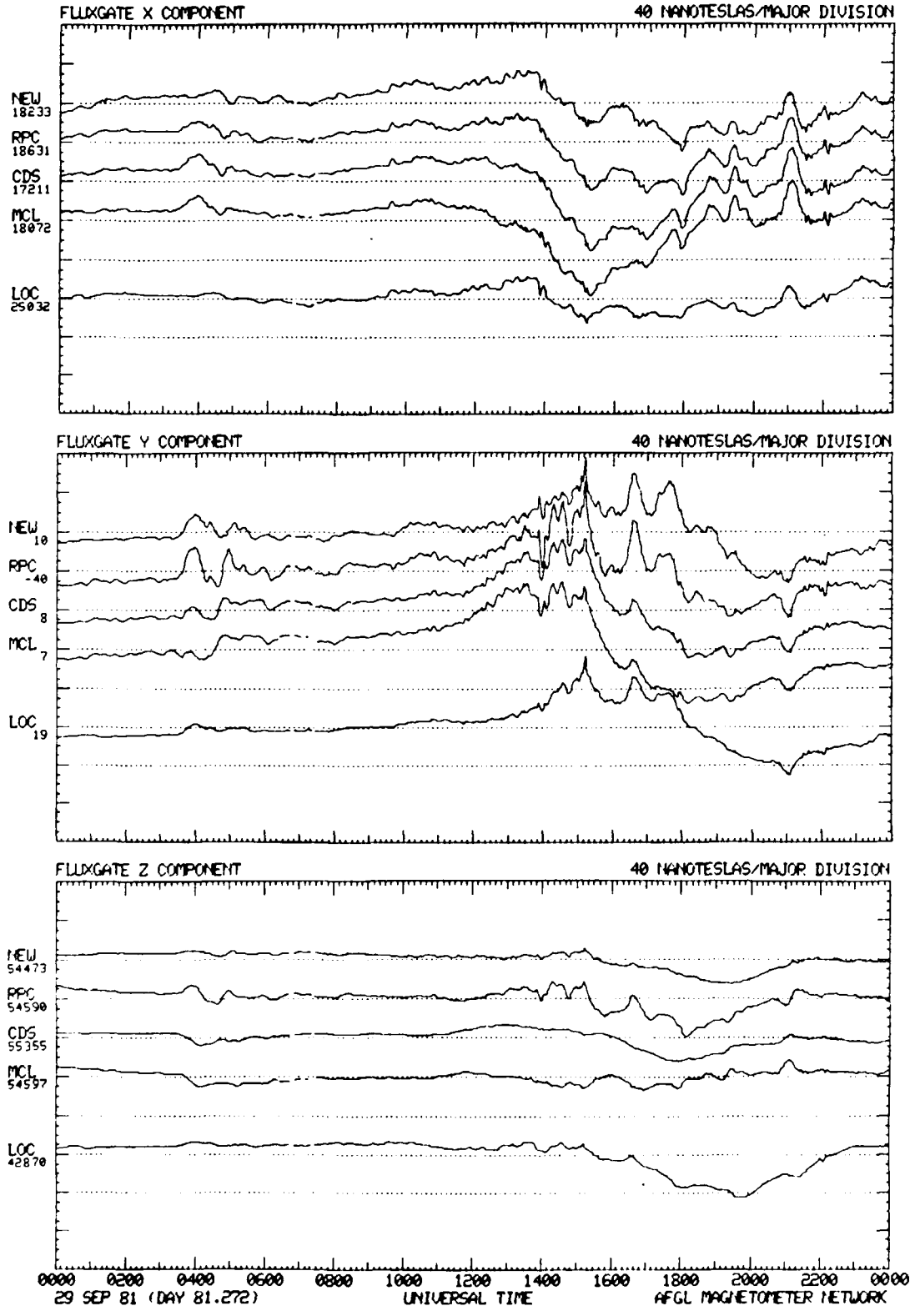
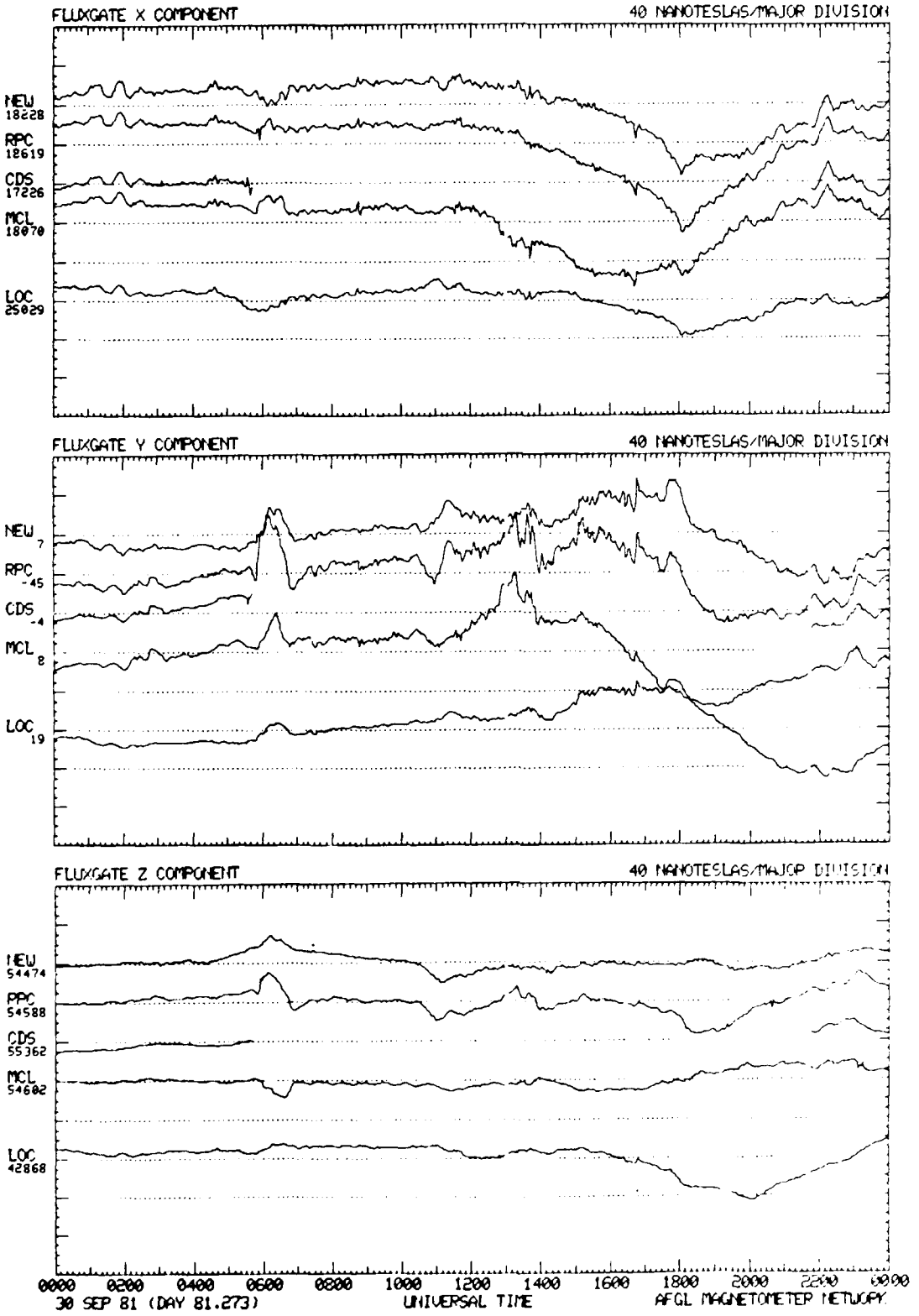
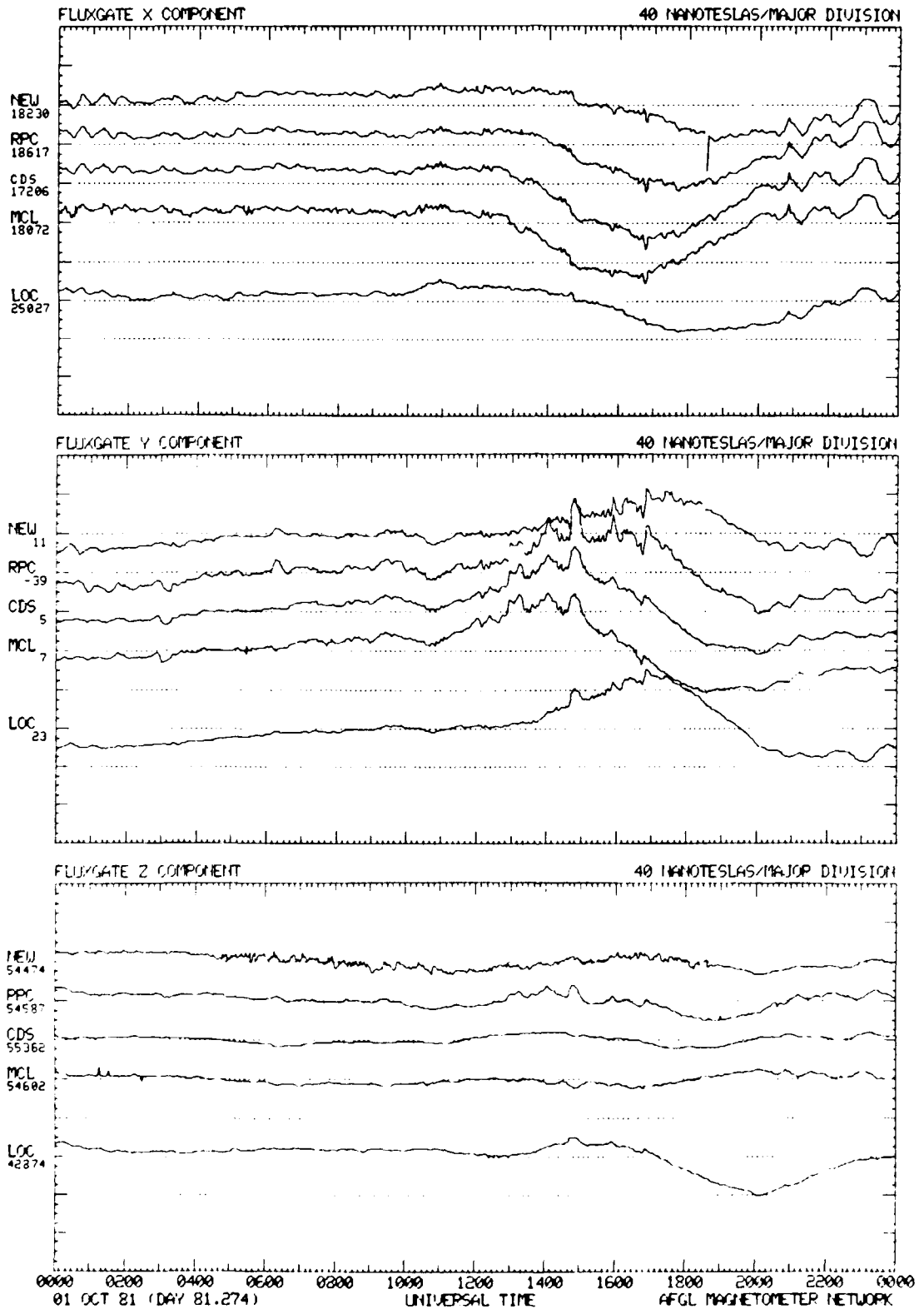
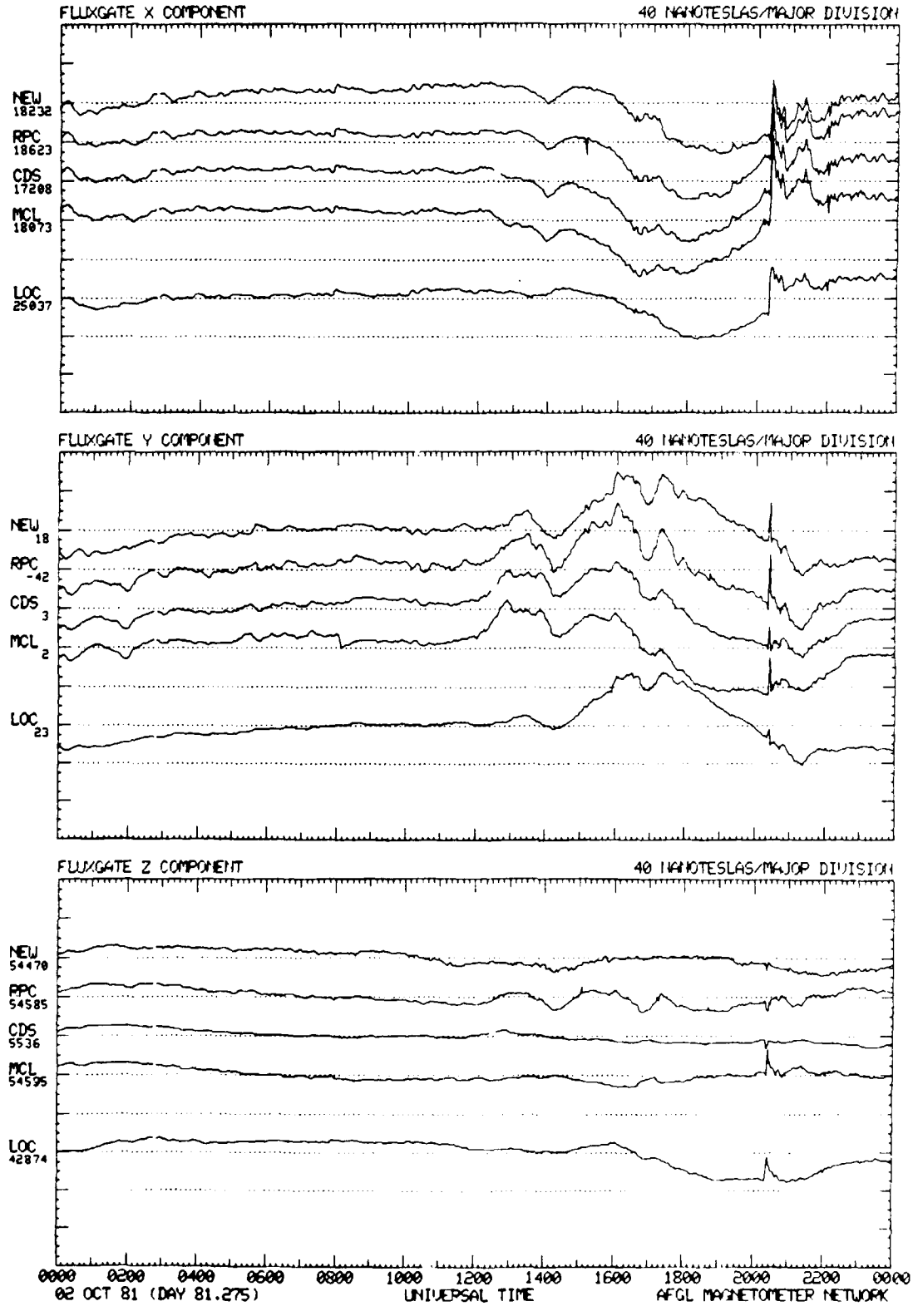
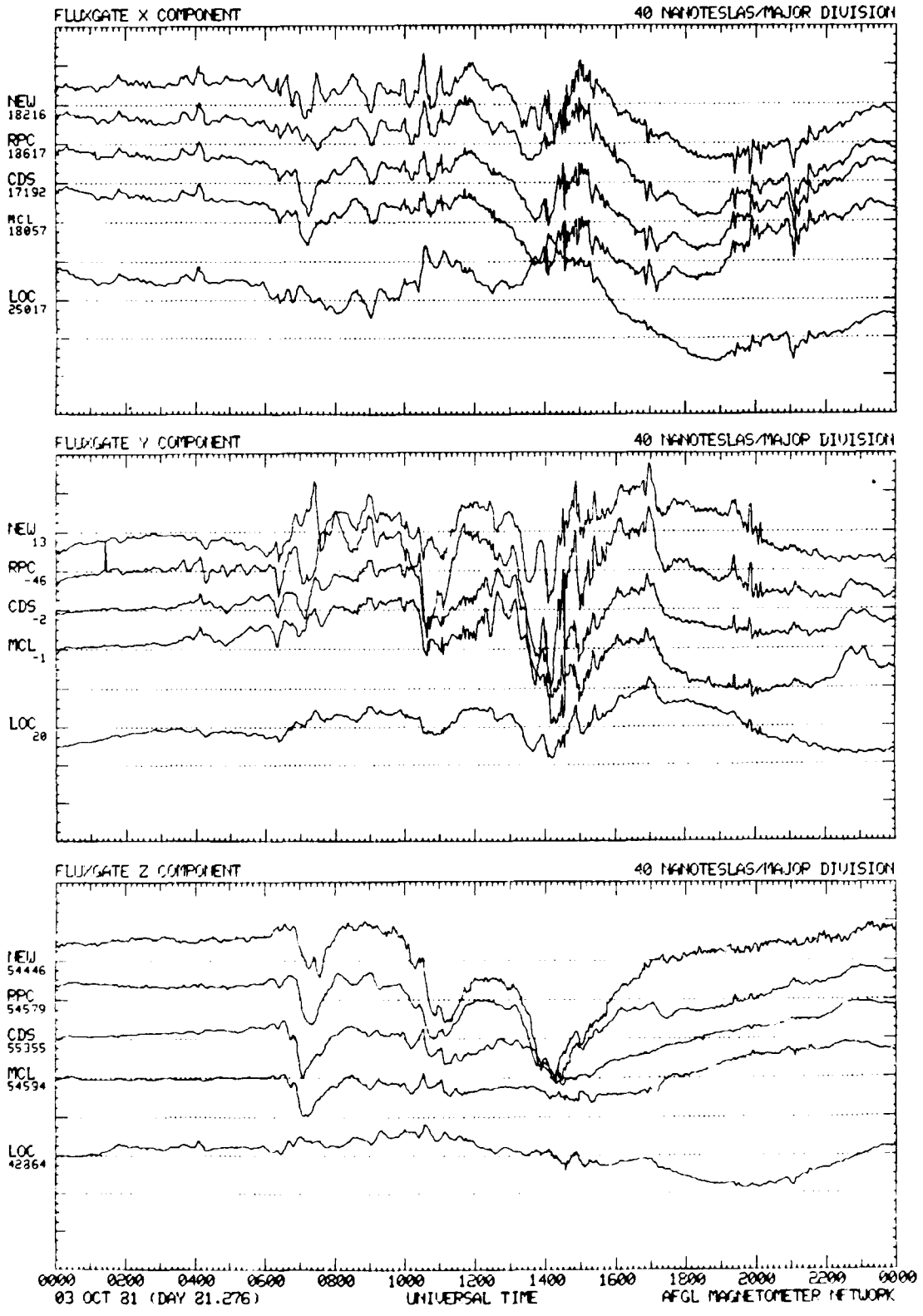
28 SEP 81 (DAY 81.271)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18233
RPC 18631
CDS 17211
MCL 18072
LOC 25032
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 10
RPC -40
CDS 8
MCL 7
LOC 19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54473
RPC 54590
CDS 55355
MCL 54597
LOC 42870
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 SEP 81 (DAY 81.272)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18228
RPC
18619
CDS
17226
MCL
18070
LOC
25029
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
7
RPC
-45
CDS
-4
MCL
8
LOC
19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54474
PPC
54588
CDS
55362
MCL
54602
LOC
42868
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
30 SEP 81 (DAY 81.273)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

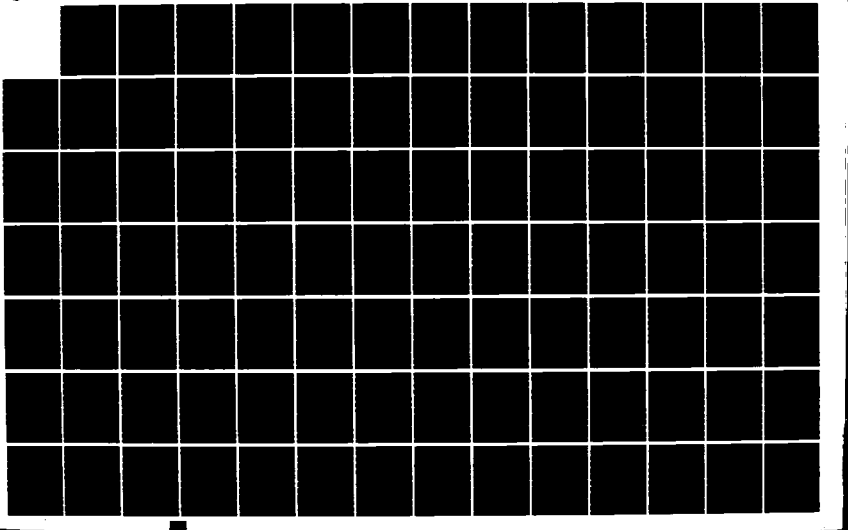

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18230
RPC
18617
CDS
17206
MCL
18072
LOC
25027
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
11
RPC
-39
CDS
5
MCL
7
LOC
23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54474
RPC
54587
CDS
55362
MCL
54602
LOC
42874
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
01 OCT 81 (DAY 81.274)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

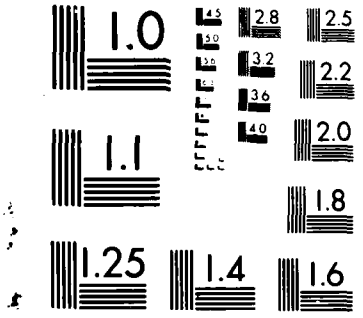

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18232
RPC 18623
CDS 17208
MCL 18073
LOC 25037
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18
RPC -42
CDS 3
MCL 2
LOC 23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54470
RPC 54585
CDS 55536
MCL 54595
LOC 42874
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 OCT 81 (DAY 81.275)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18216
RPC
18617
CDS
17192
MCL
18057
LOC
25017
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13
RPC
-46
CDS
-2
MCL
-1
LOC
20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54446
RPC
54579
CDS
55355
MCL
54594
LOC
42864
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
03 OCT 81 (DAY 21.276)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

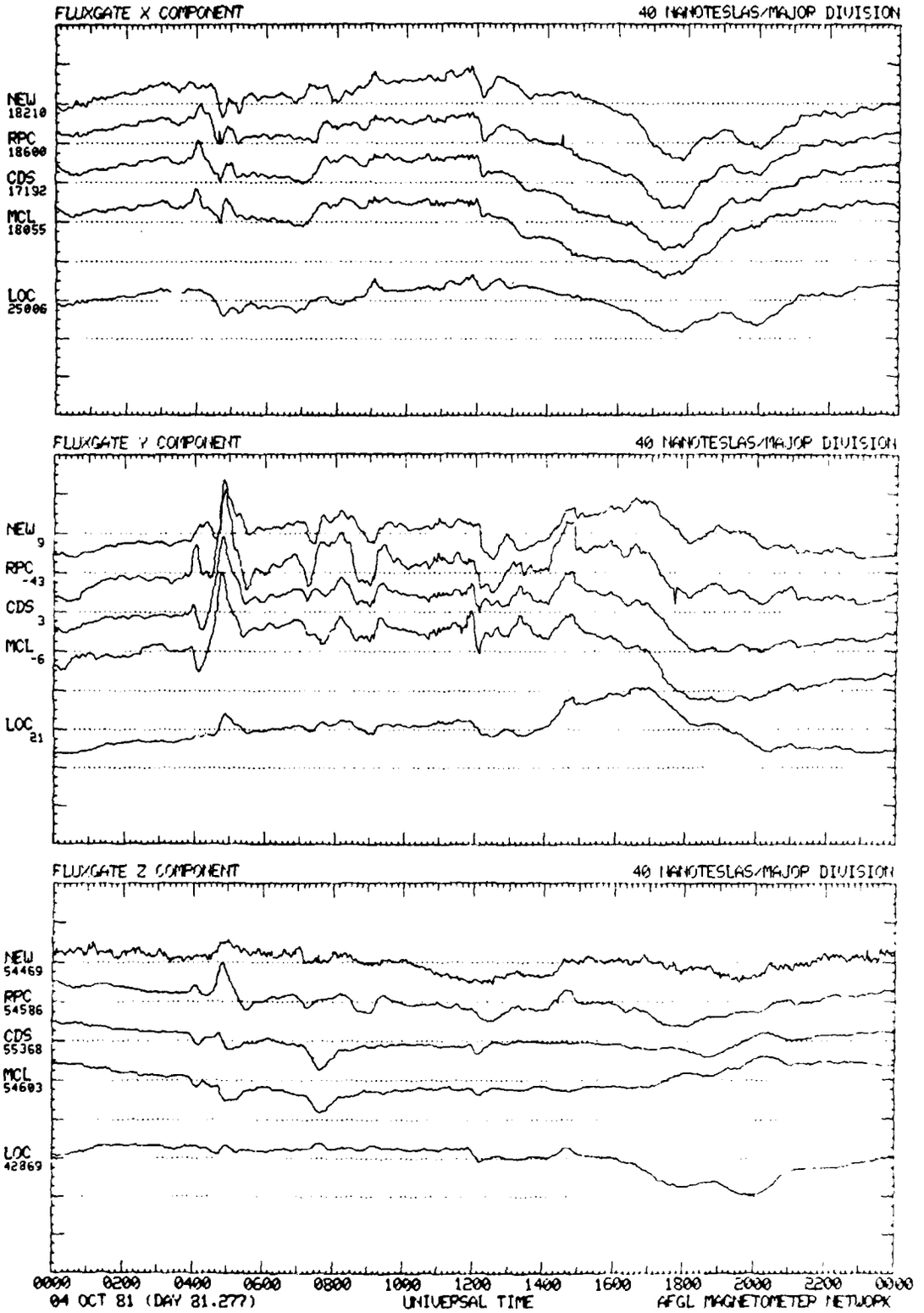
AD-A173 958 DAILY MAGNETOGRAMS FOR 1981 FROM THE AFGL (AIR FORCE GEOPHYSICS LABORATORY) NETWORK(U) AIR FORCE GEOPHYSICS LAB HANSCOM AFB MA D J KNECHT 28 FEB 85 4/5

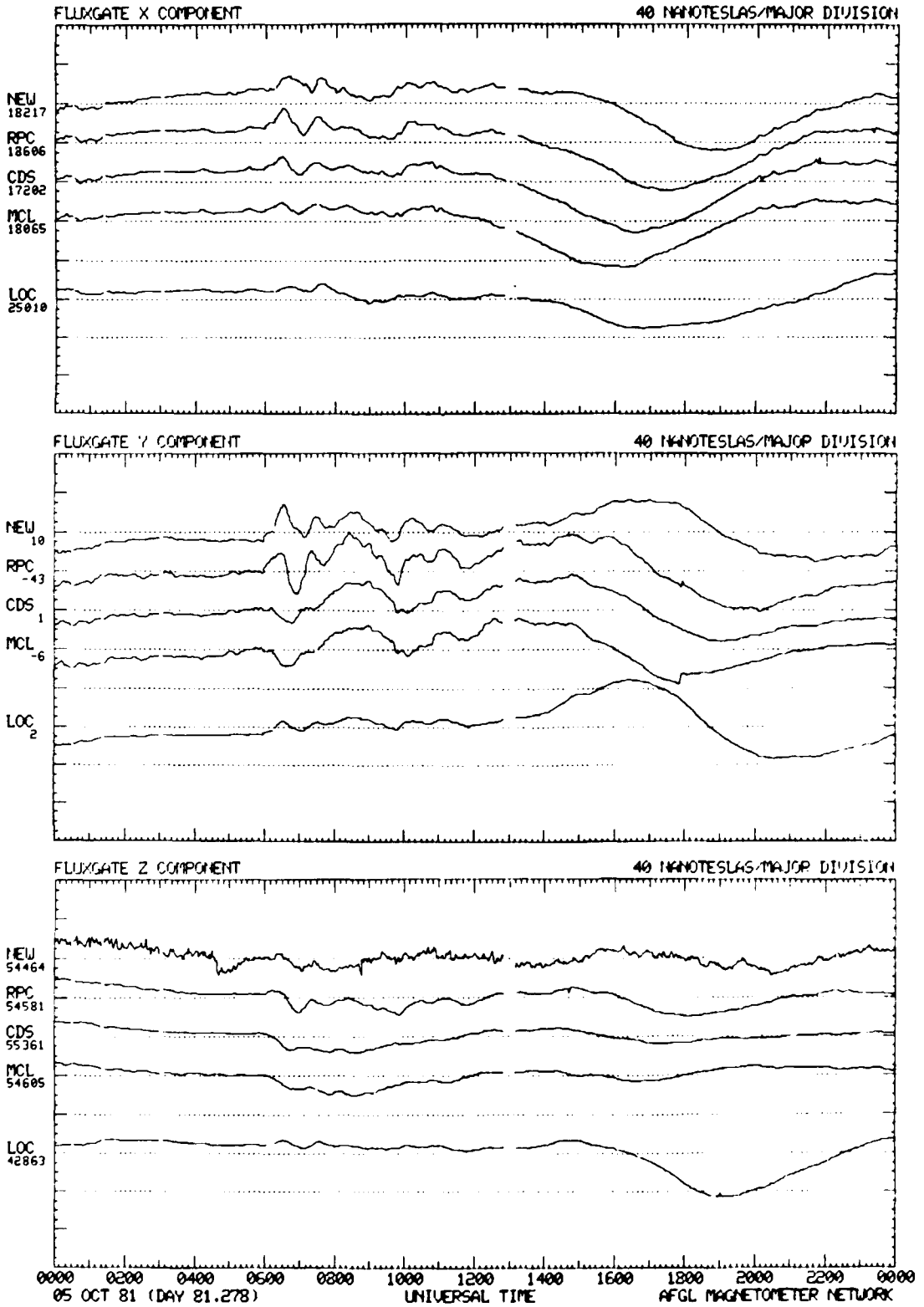
UNCLASSIFIED AFGL-TR-85-0030 F/G 4/1 NL

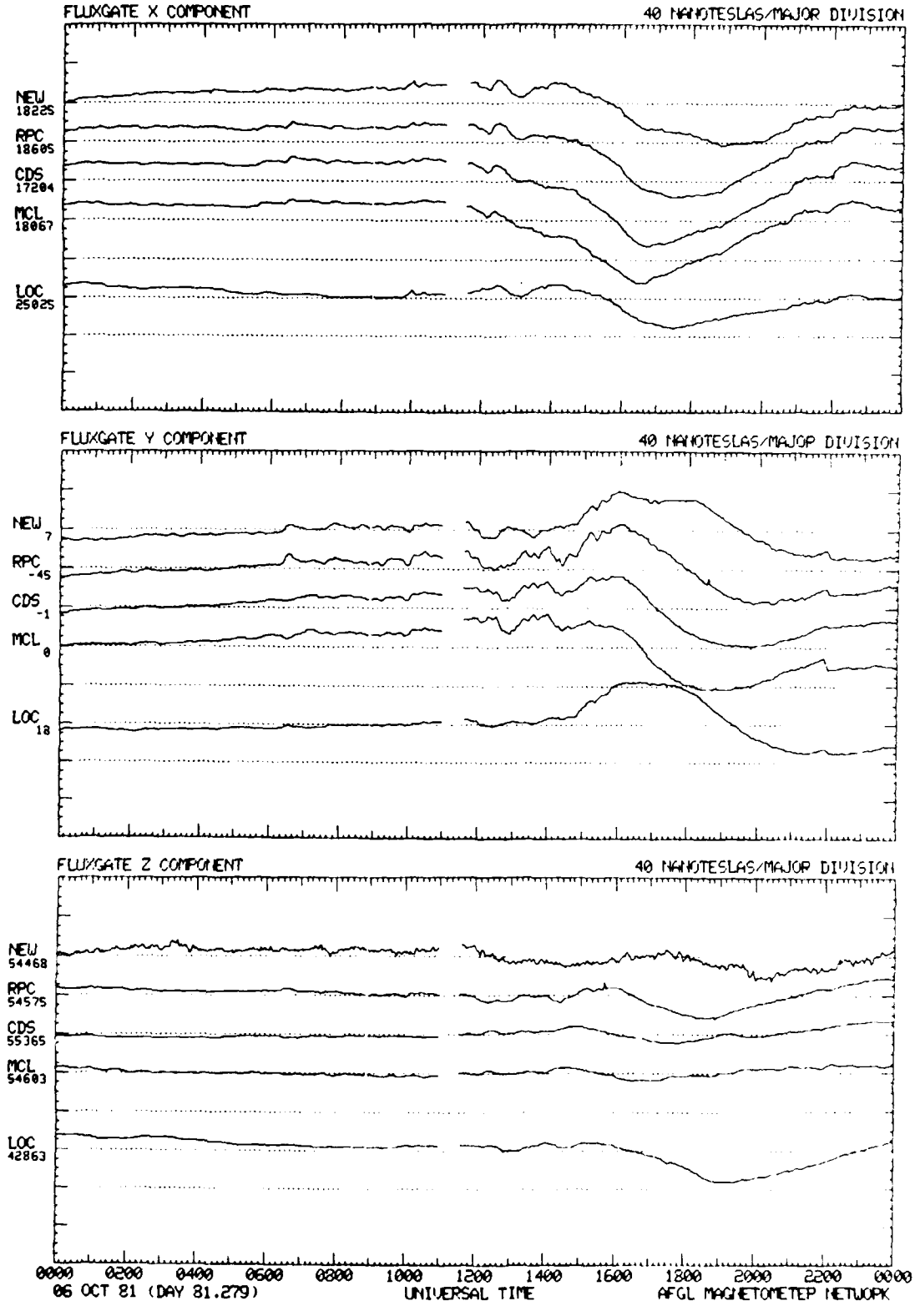


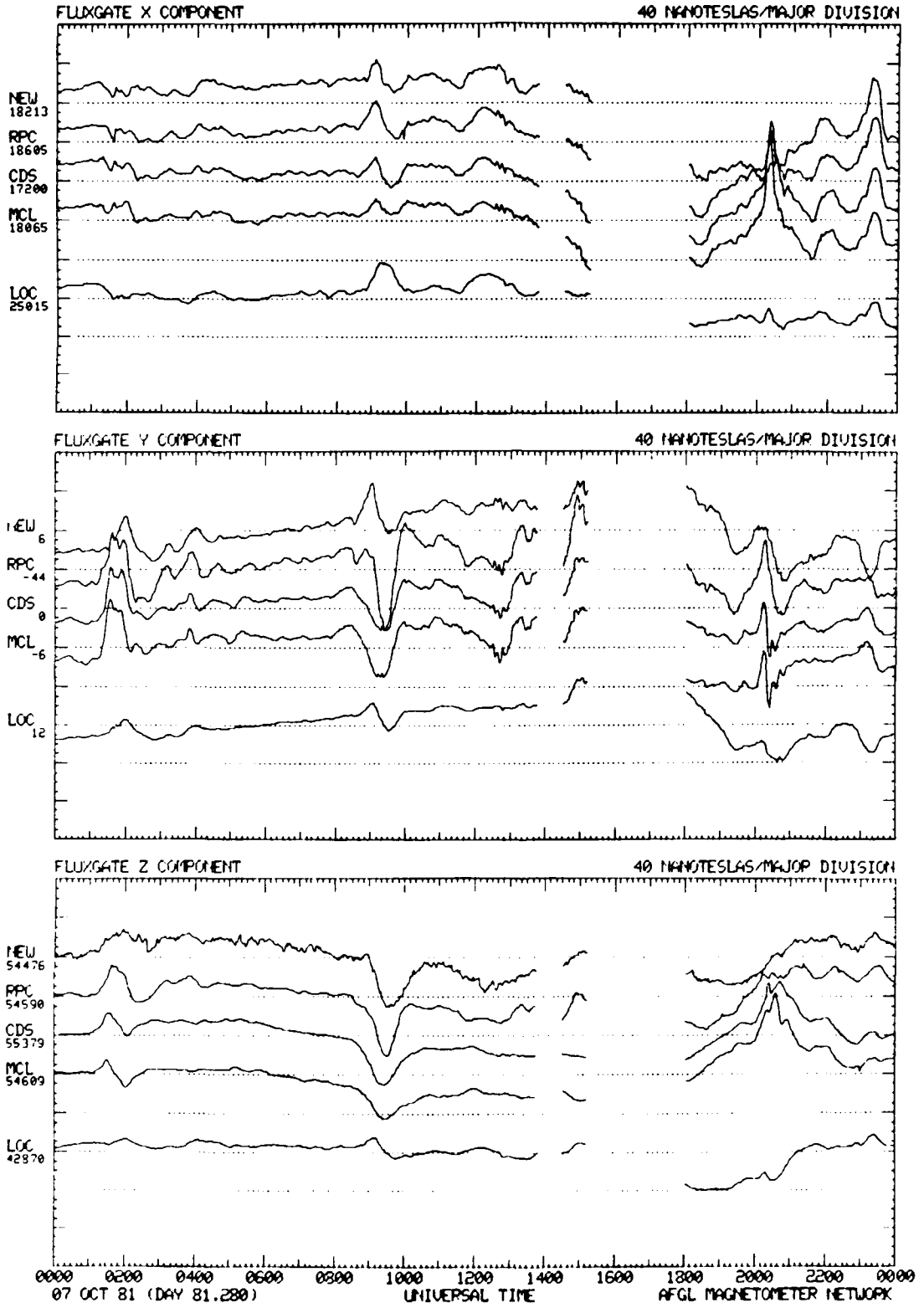


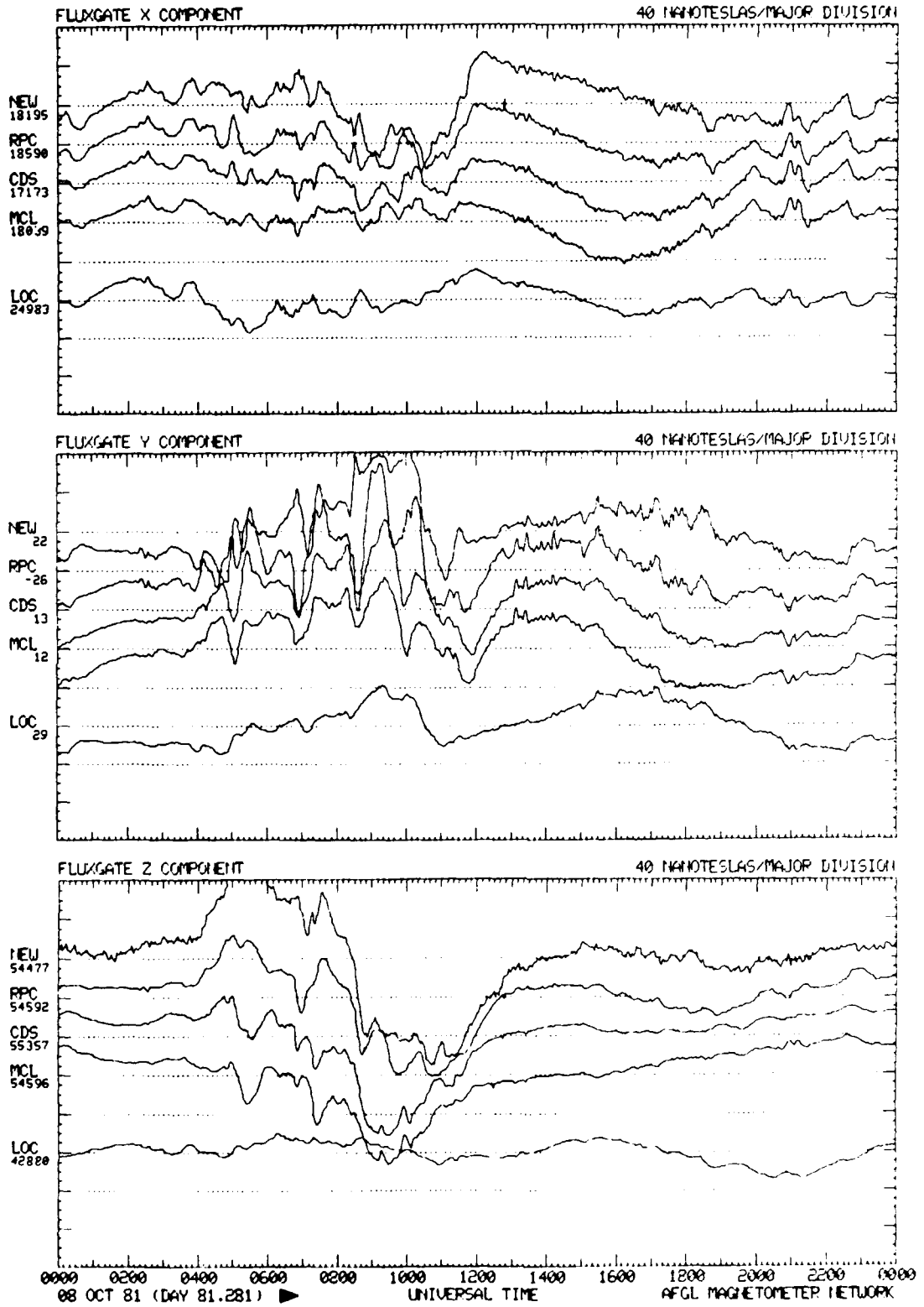
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

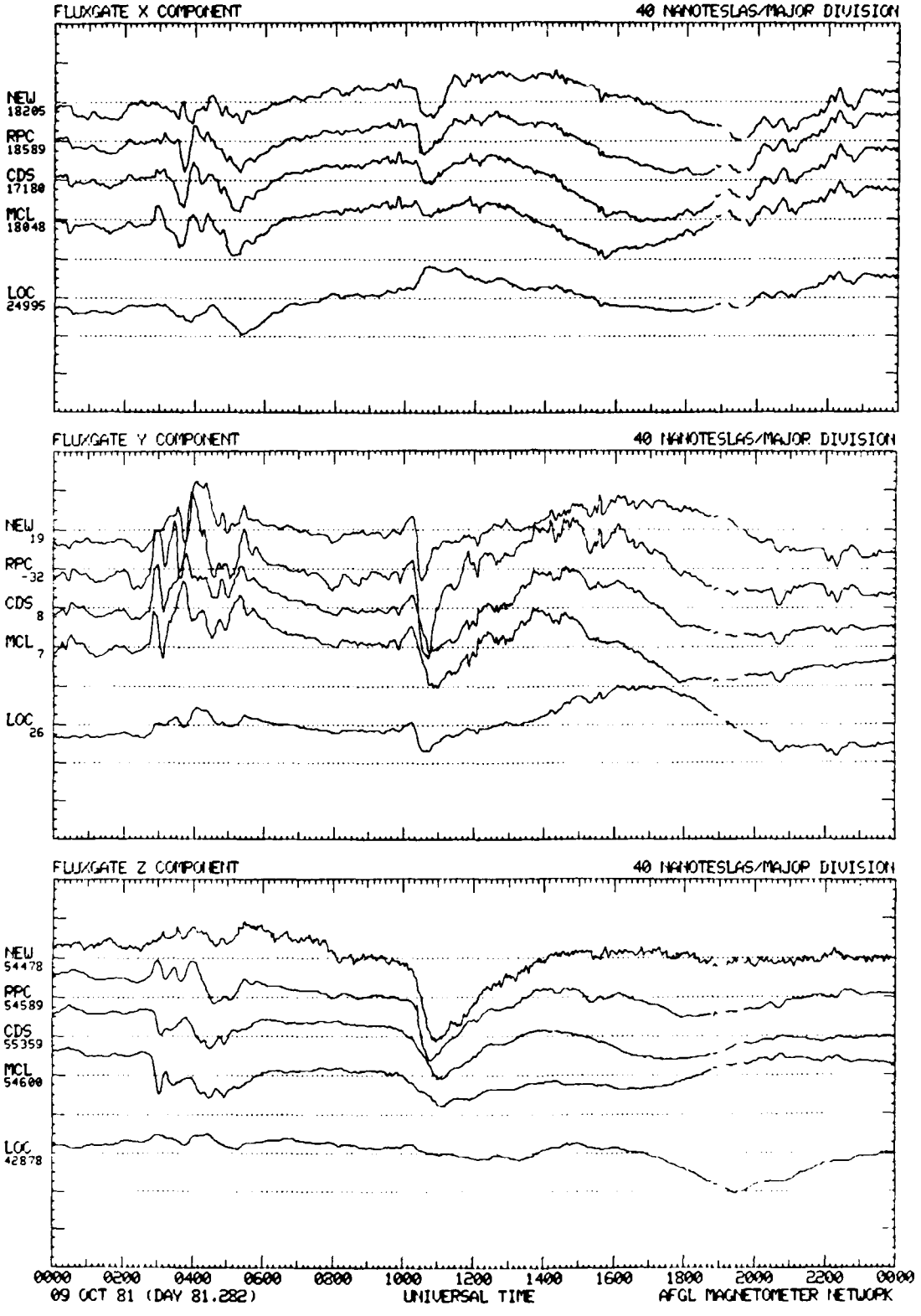

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18210
RPC
18600
CDS
17192
MCL
18055
LOC
25006
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
9
RPC
-43
CDS
3
MCL
-6
LOC
21
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54469
RPC
54586
CDS
55368
MCL
54603
LOC
42869
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 OCT 81 (DAY 81.277)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

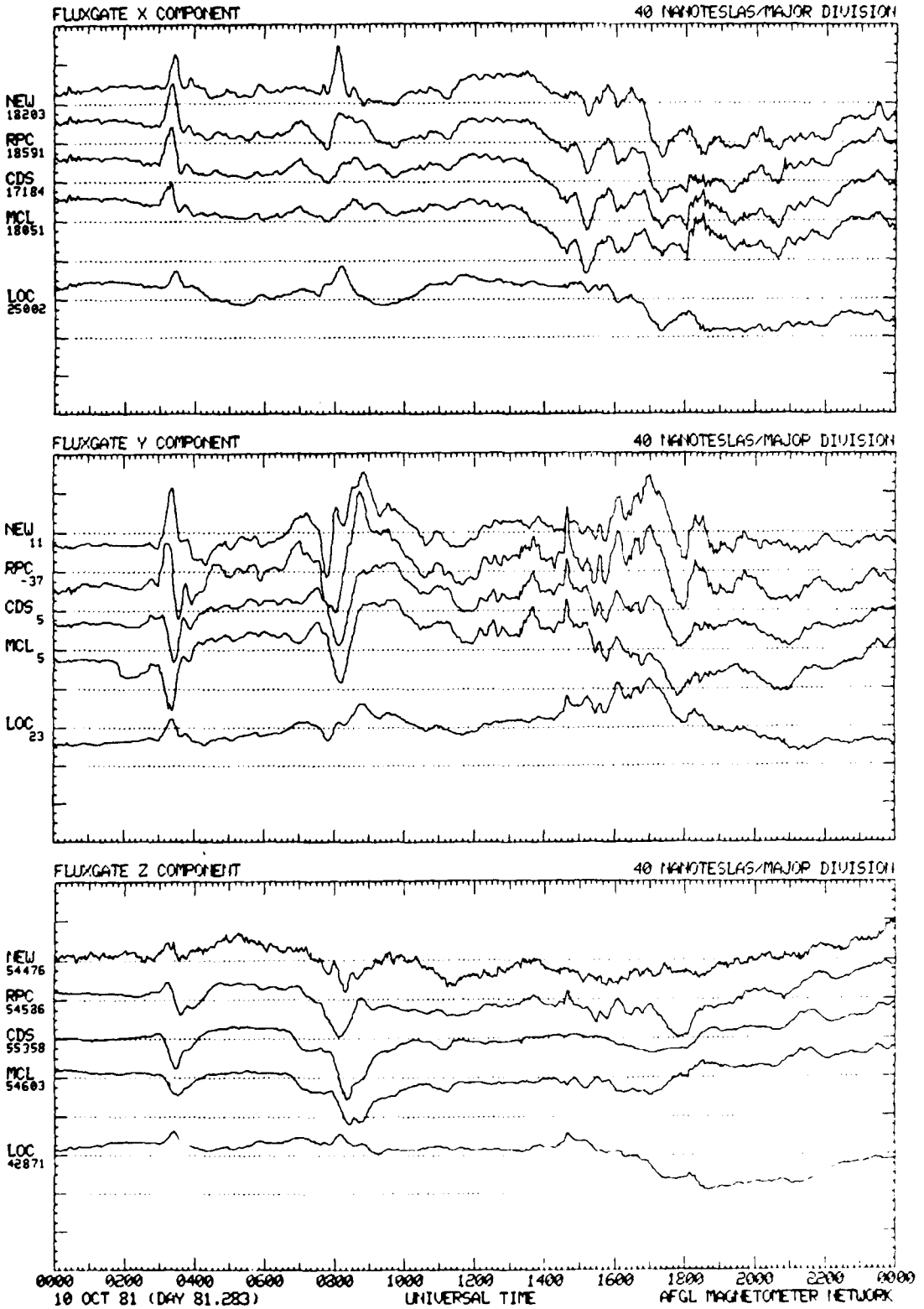

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18217
RPC
18606
CDS
17202
MCL
18065
LOC
25010
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
10
RPC
-43
CDS
1
MCL
-6
LOC
2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54464
RPC
54581
CDS
55361
MCL
54605
LOC
42863
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 OCT 81 (DAY 81.278)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

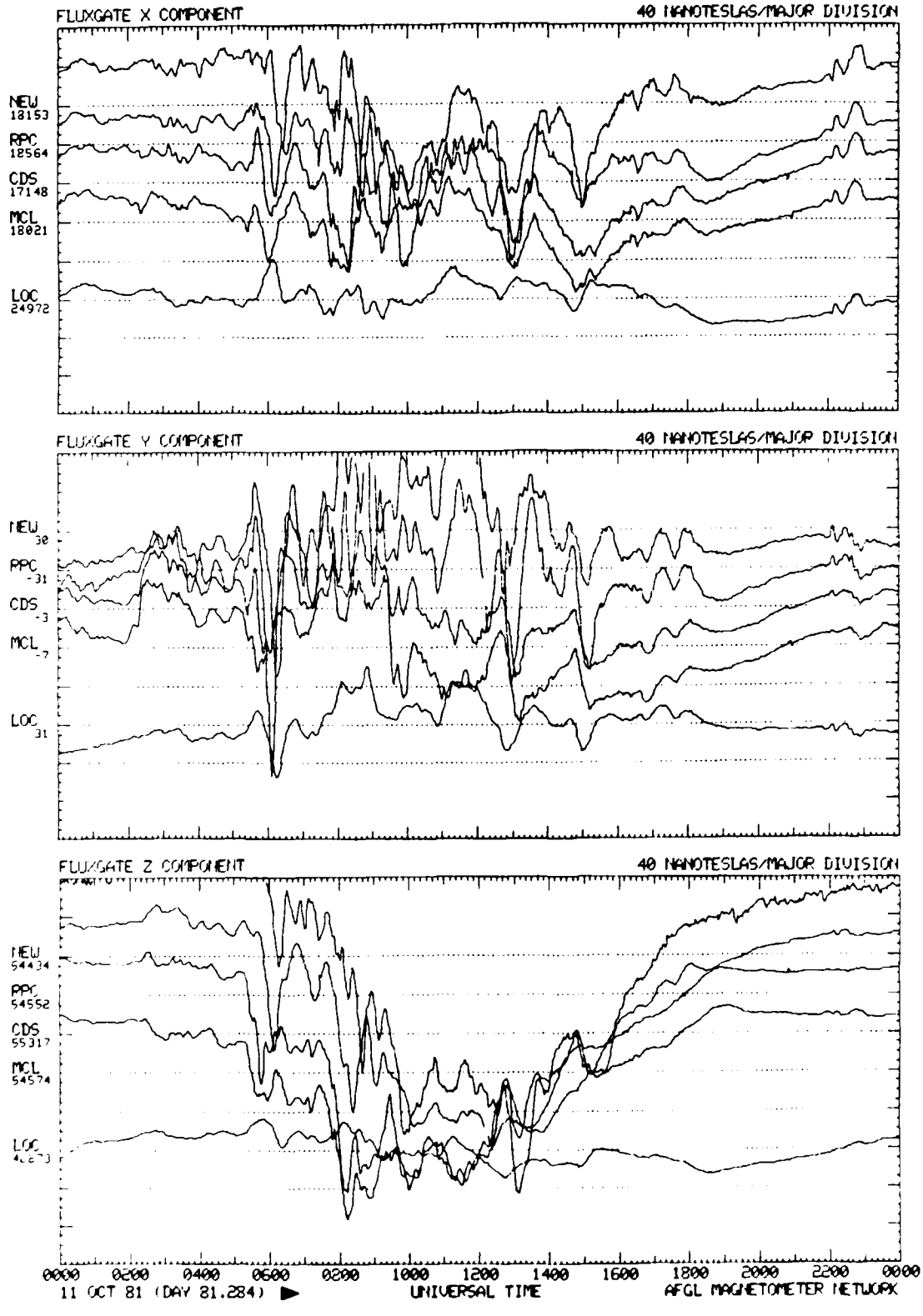

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18225
RPC
18605
CDS
17204
MCL
18067
LOC
25025
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
7
RPC
-45
CDS
-1
MCL
0
LOC
18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54468
RPC
54575
CDS
55365
MCL
54603
LOC
42863
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 OCT 81 (DAY 81.279)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

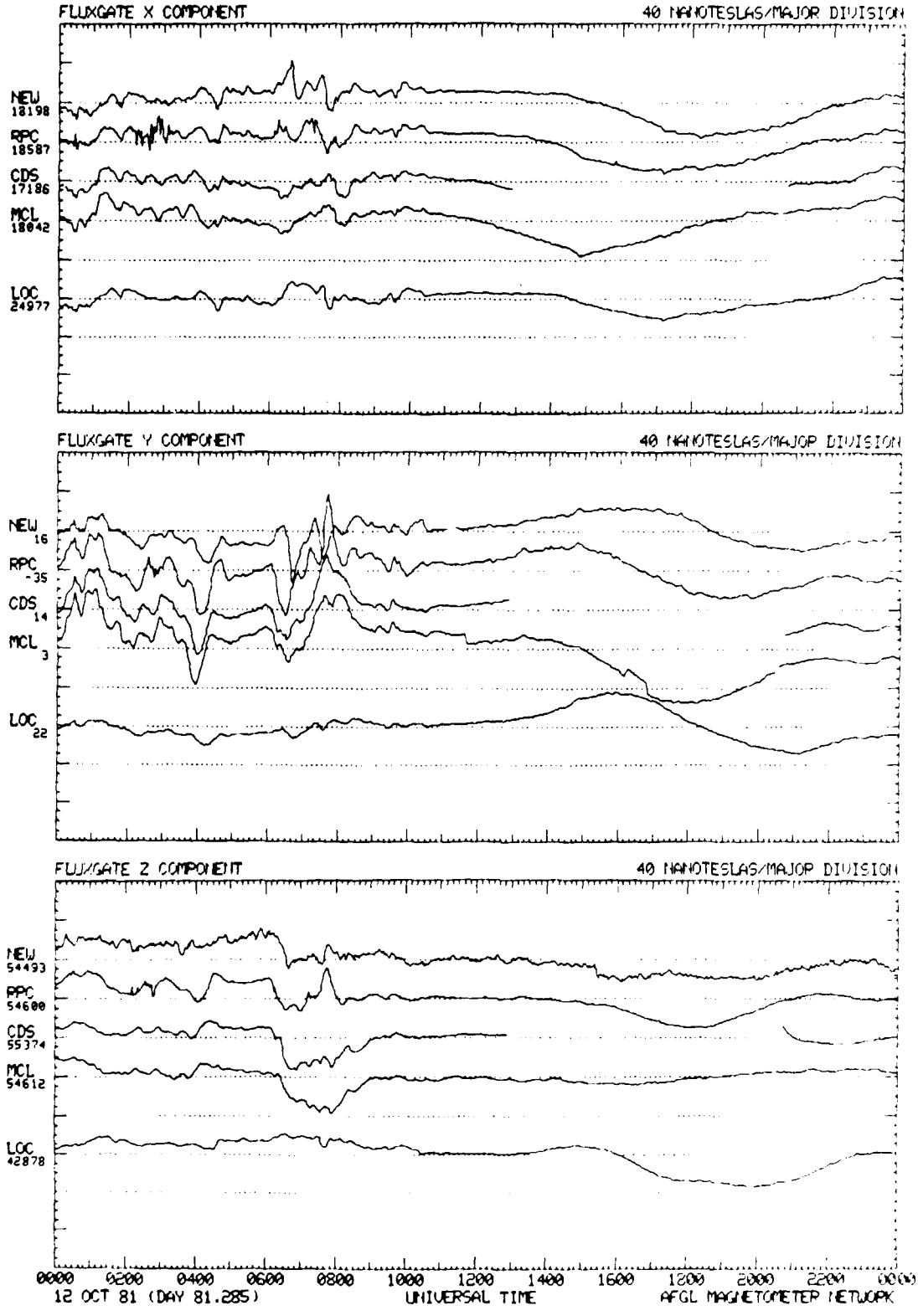

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18213
RPC 18605
CDS 17200
MCL 18065
LOC 25015
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 6
RPC -44
CDS 0
MCL -6
LOC 12
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54476
RPC 54590
CDS 55379
MCL 54609
LOC 42870
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 OCT 81 (DAY 81.280)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

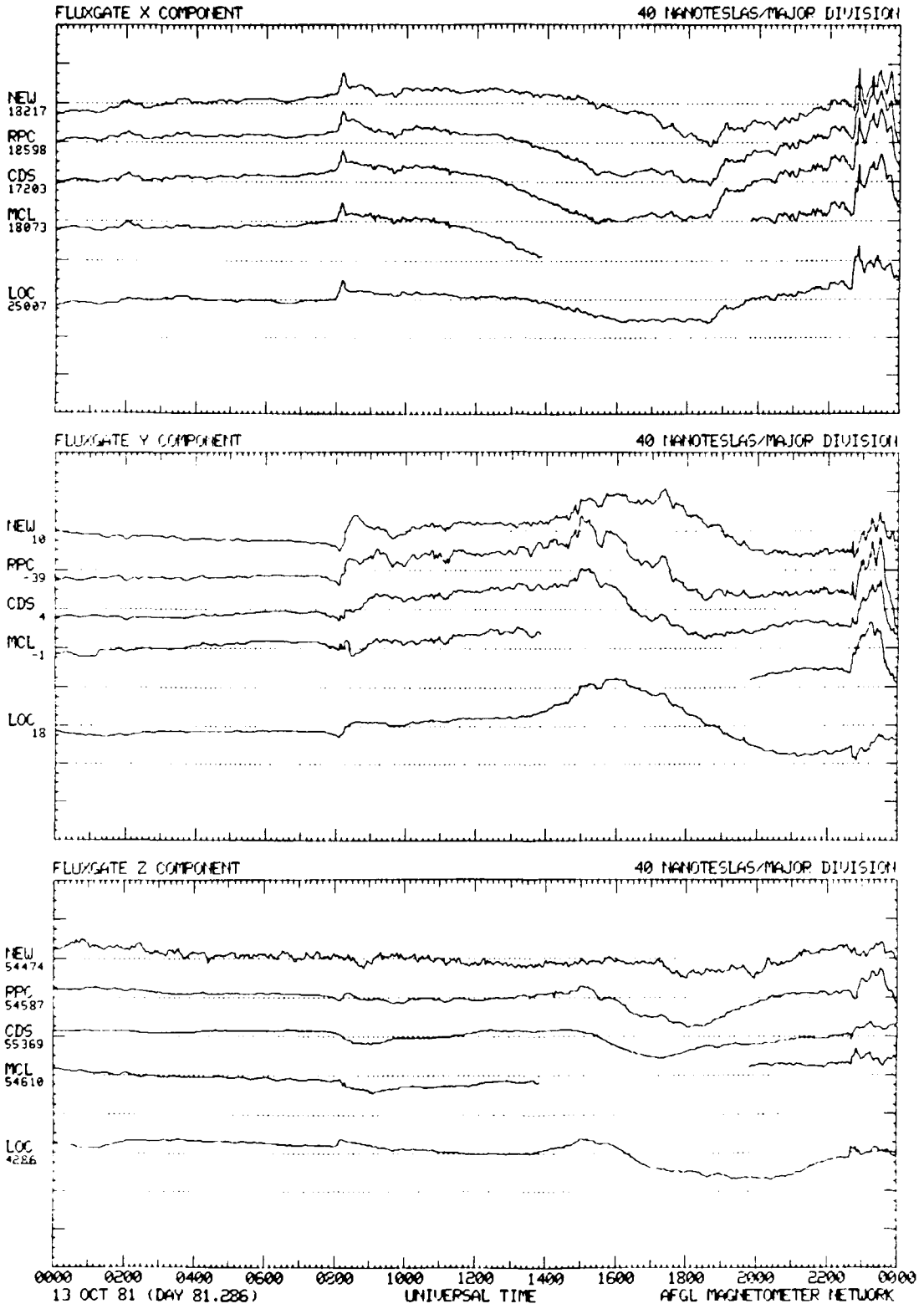

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18195
RPC 18590
CDS 17173
MCL 18039
LOC 24983
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 22
RPC -26
CDS 13
MCL 12
LOC 29
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54477
RPC 54592
CDS 55357
MCL 54596
LOC 42880
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 OCT 81 (DAY 81.281)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

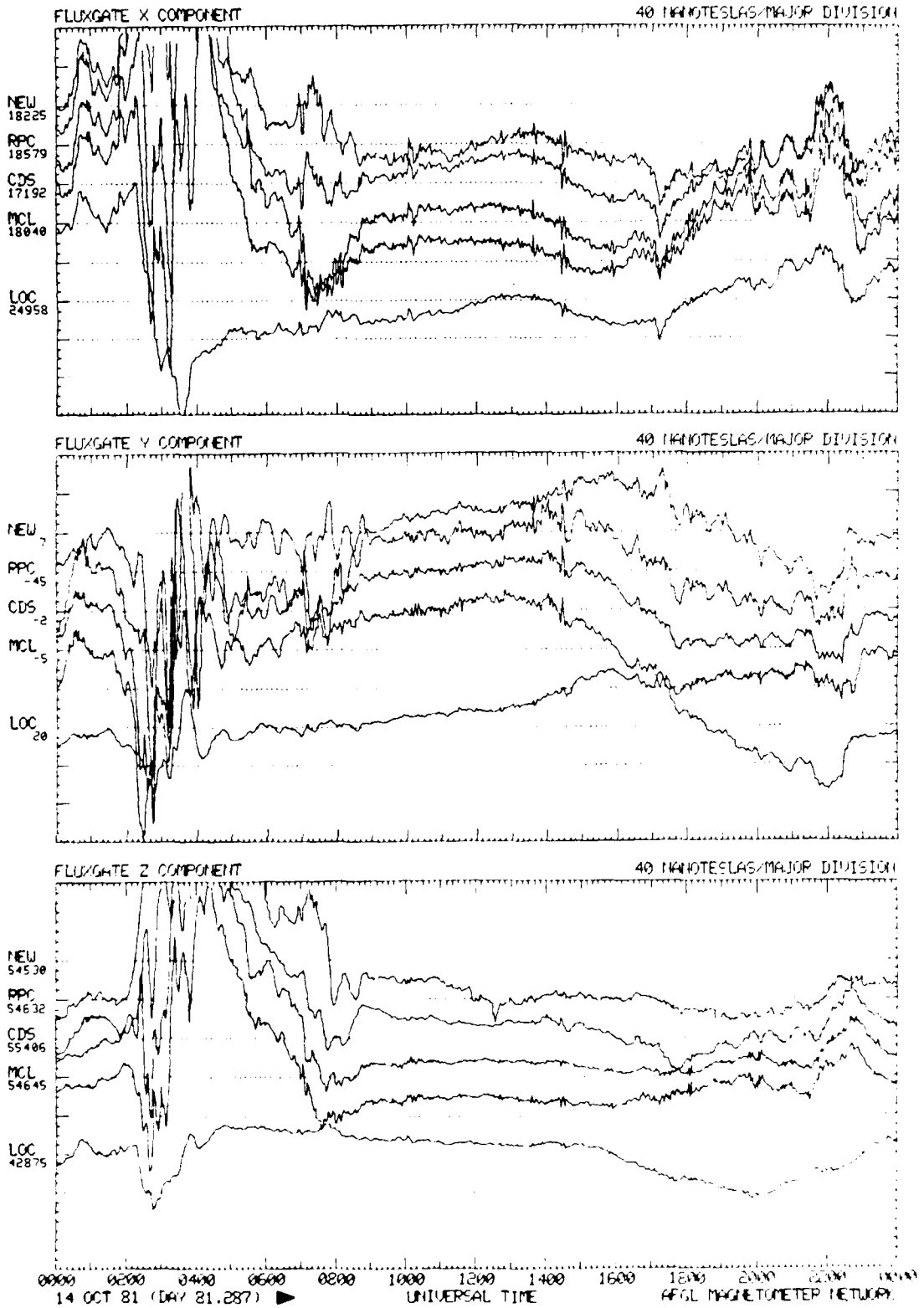

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18205
RPC
18589
CDS
17180
MCL
18048
LOC
24995
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
19
RPC
-32
CDS
8
MCL
7
LOC
26
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54589
CDS
55359
MCL
54600
LOC
42878
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 OCT 81 (DAY 81.282)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

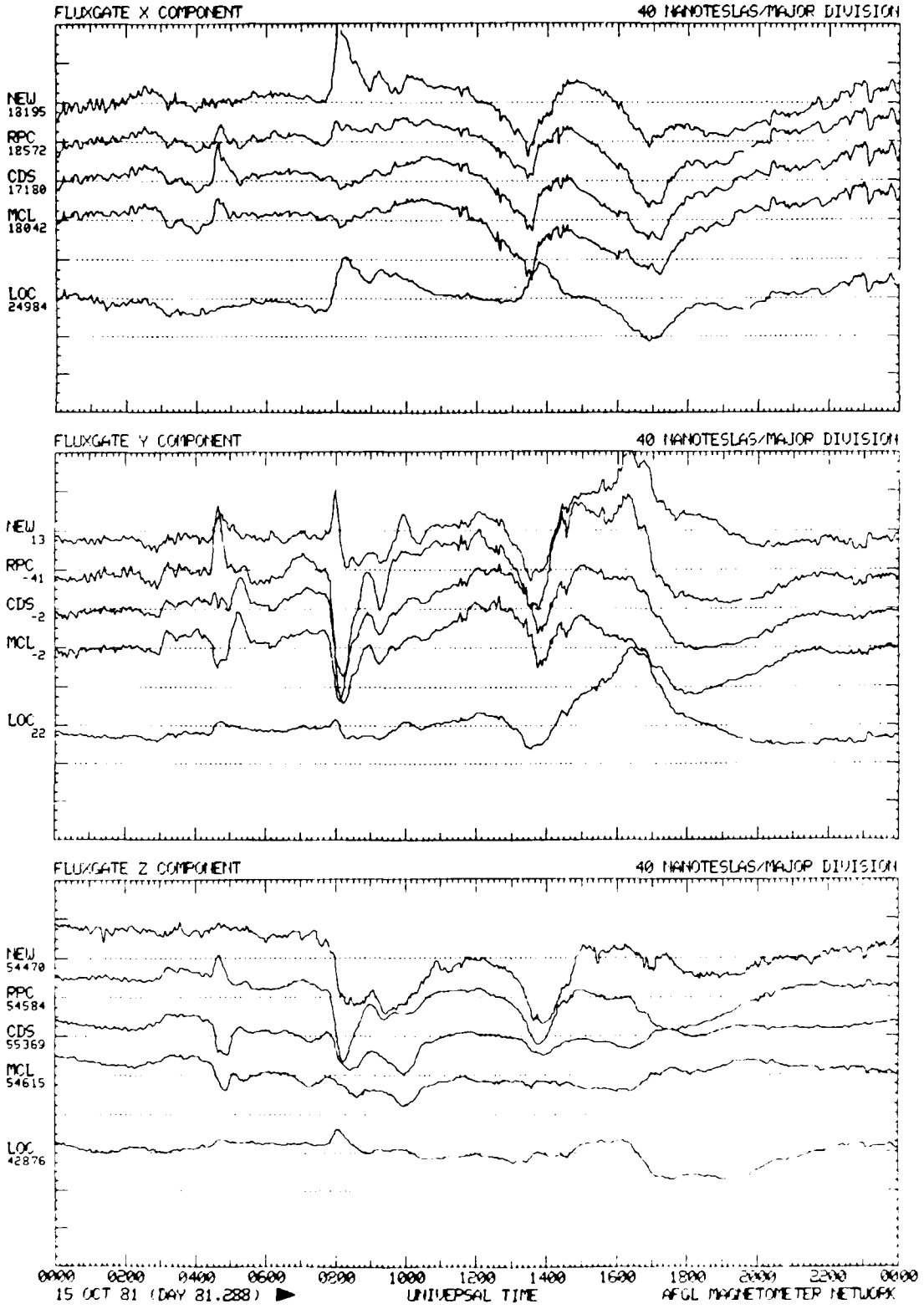

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18203
RPC 18591
CDS 17184
MCL 18051
LOC 25002
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 11
RPC -37
CDS 5
MCL 5
LOC 23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54476
RPC 54536
CDS 55358
MCL 54603
LOC 42871
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 OCT 81 (DAY 81.283)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

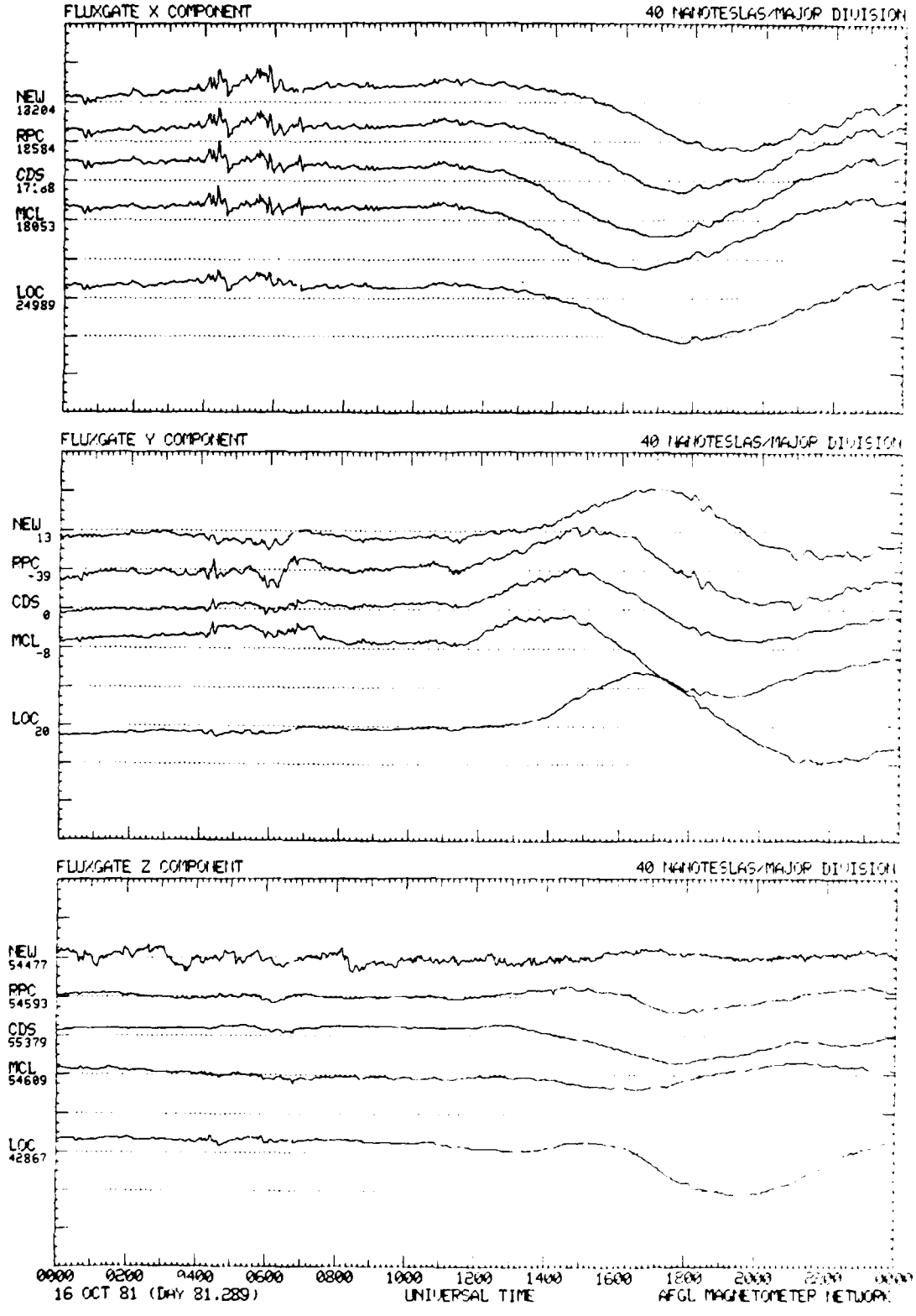

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18153
RPC
18564
CDS
17148
MCL
18021
LOC
24972
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
30
RPC
-31
CDS
-3
MCL
-7
LOC
31
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54434
RPC
54552
CDS
55317
MCL
54574
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 OCT 81 (DAY 81.284)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

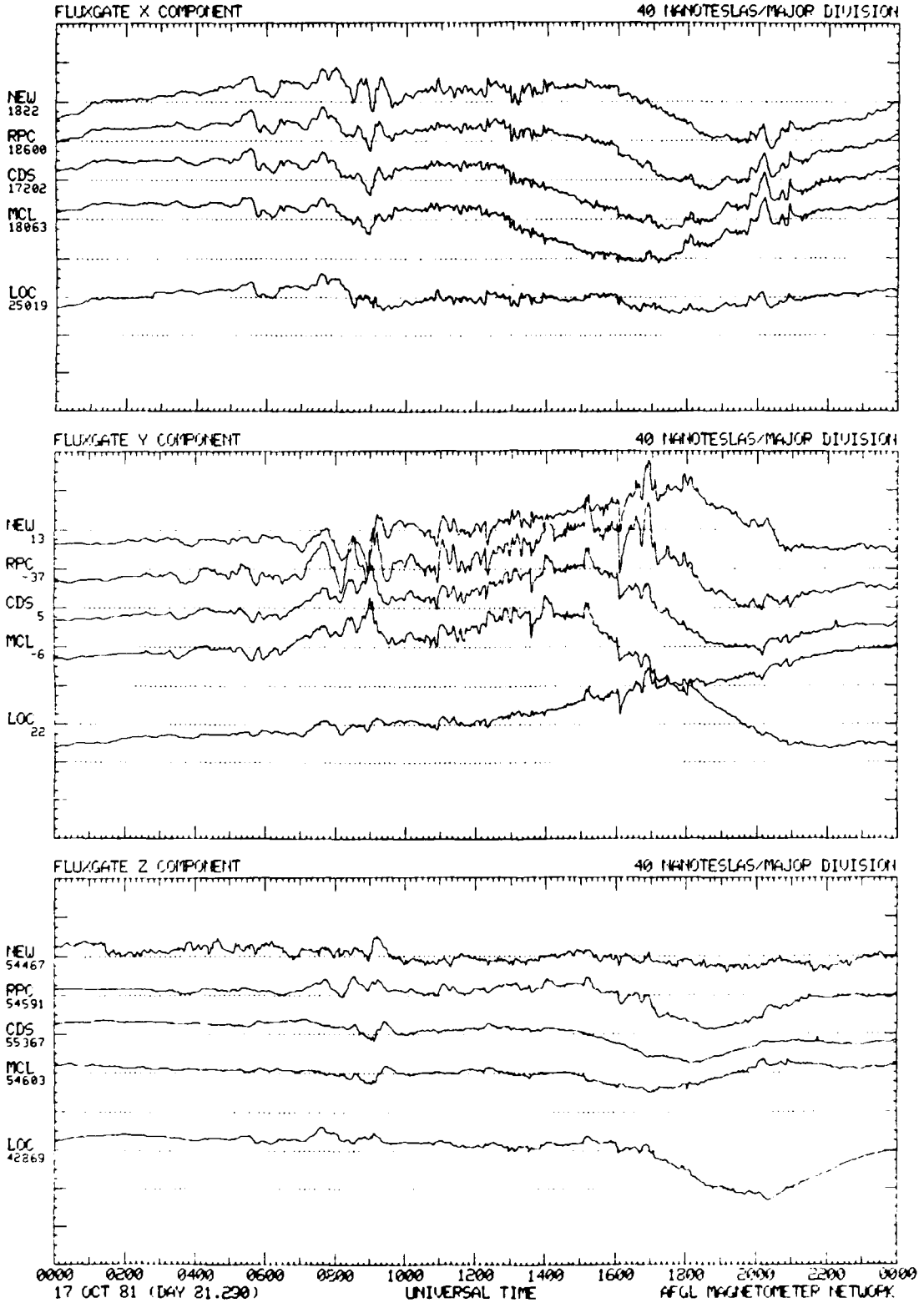

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18198
RPC
18587
CDS
17186
MCL
18042
LOC
24977
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
16
RPC
-35
CDS
14
MCL
3
LOC
22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54493
RPC
54600
CDS
55374
MCL
54612
LOC
42878
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 OCT 81 (DAY 81.285)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18217
RPC
18598
CDS
17203
MCL
18073
LOC
25007
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
10
RPC
-39
CDS
4
MCL
-1
LOC
18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54474
RPC
54587
CDS
55369
MCL
54610
LOC
4286
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 OCT 81 (DAY 81.286)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18225
RPC
18579
CDS
17192
MCL
18040
LOC
24958
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
7
RPC
-45
CDS
-2
MCL
-5
LOC
20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54530
RPC
54632
CDS
55406
MCL
54645
LOC
42875
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
14 OCT 81 (DAY 81.287)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18195
RPC
18572
CDS
17180
MCL
18042
LOC
24984
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13
RPC
-41
CDS
-2
MCL
-2
LOC
22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54470
RPC
54584
CDS
55369
MCL
54615
LOC
42876
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 OCT 81 (DAY 81.288)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18204
RPC
18584
CDS
17:68
MCL
18053
LOC
24989
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13
RPC
-39
CDS
0
MCL
-8
LOC
20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54477
RPC
54593
CDS
55379
MCL
54609
LOC
42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000
16 OCT 81 (DAY 81.289)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1822
RPC
18600
CDS
17202
MCL
18063
LOC
25019
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
13
RPC
-37
CDS
5
MCL
-6
LOC
22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54467
RPC
54591
CDS
55367
MCL
54603
LOC
42869
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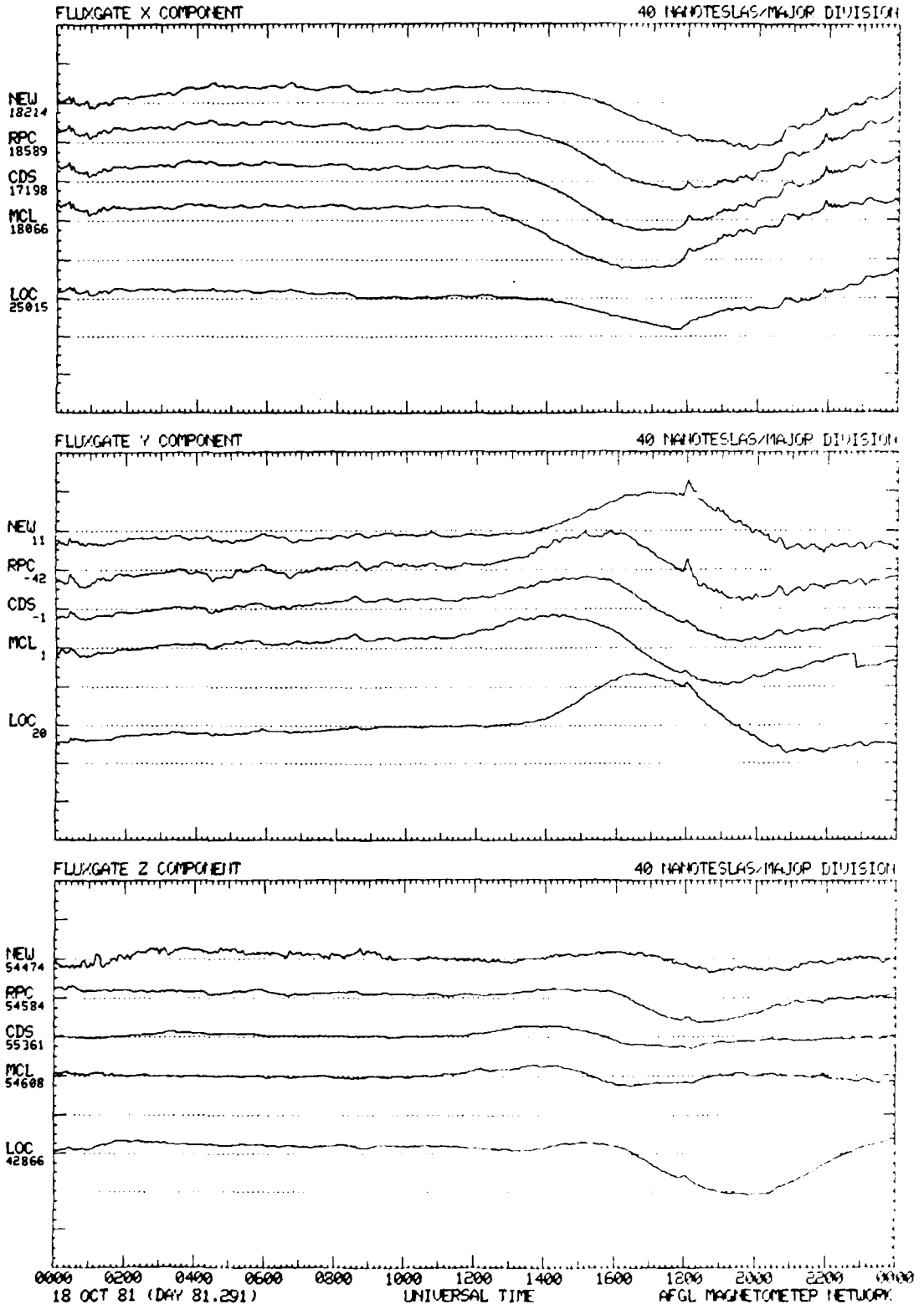
17 OCT 81 (DAY 81.290)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18214
RPC 18589
CDS 17198
MCL 18066
LOC 25015
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 11
RPC -42
CDS -1
MCL 1
LOC 20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54474
RPC 54584
CDS 55361
MCL 54608
LOC 42866
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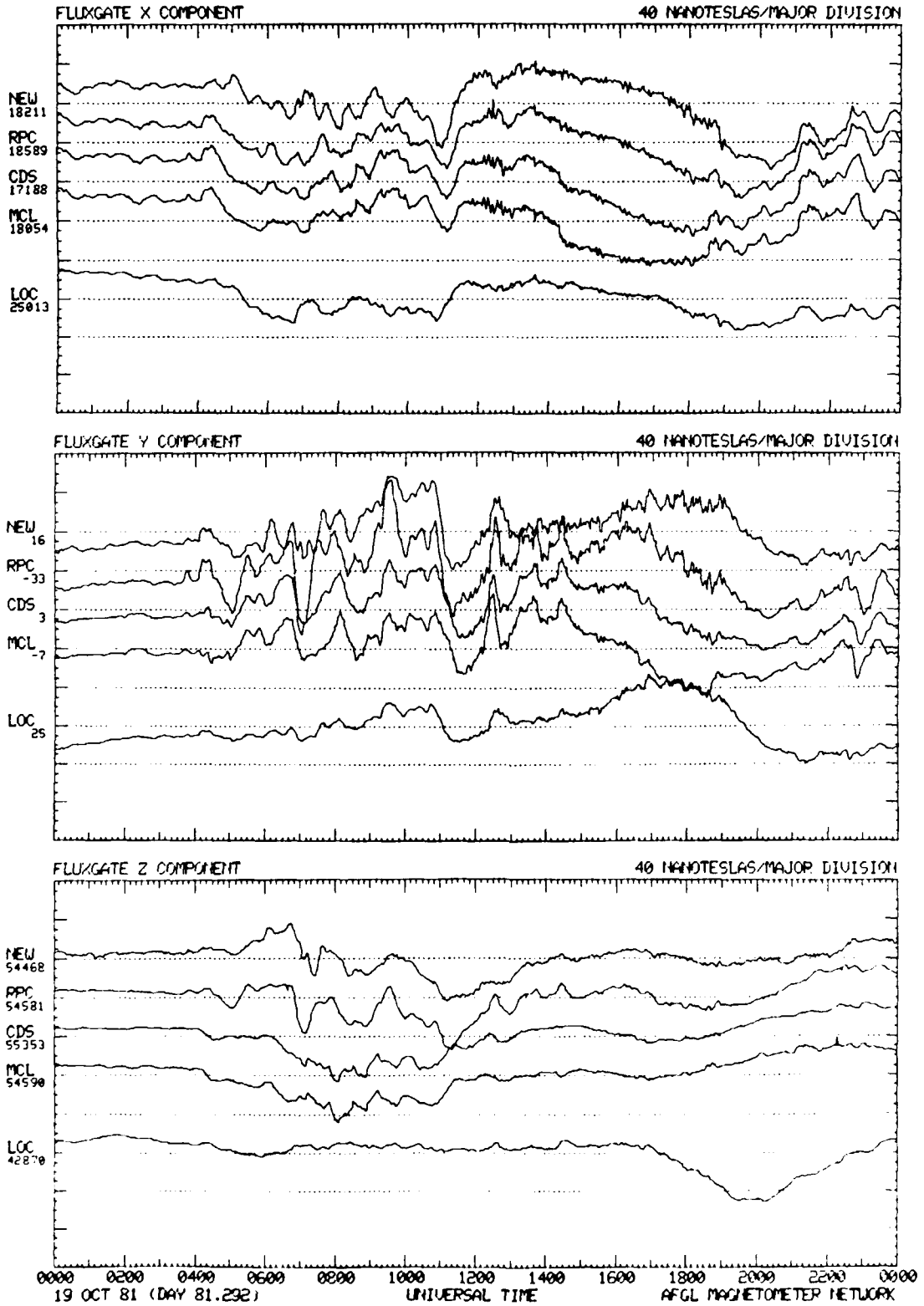
18 OCT 81 (DAY 81.291)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18211
RPC
18589
CDS
17188
MCL
18054
LOC
25013
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
16
RPC
-33
CDS
3
MCL
-7
LOC
25
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54468
RPC
54581
CDS
55353
MCL
54590
LOC
42870
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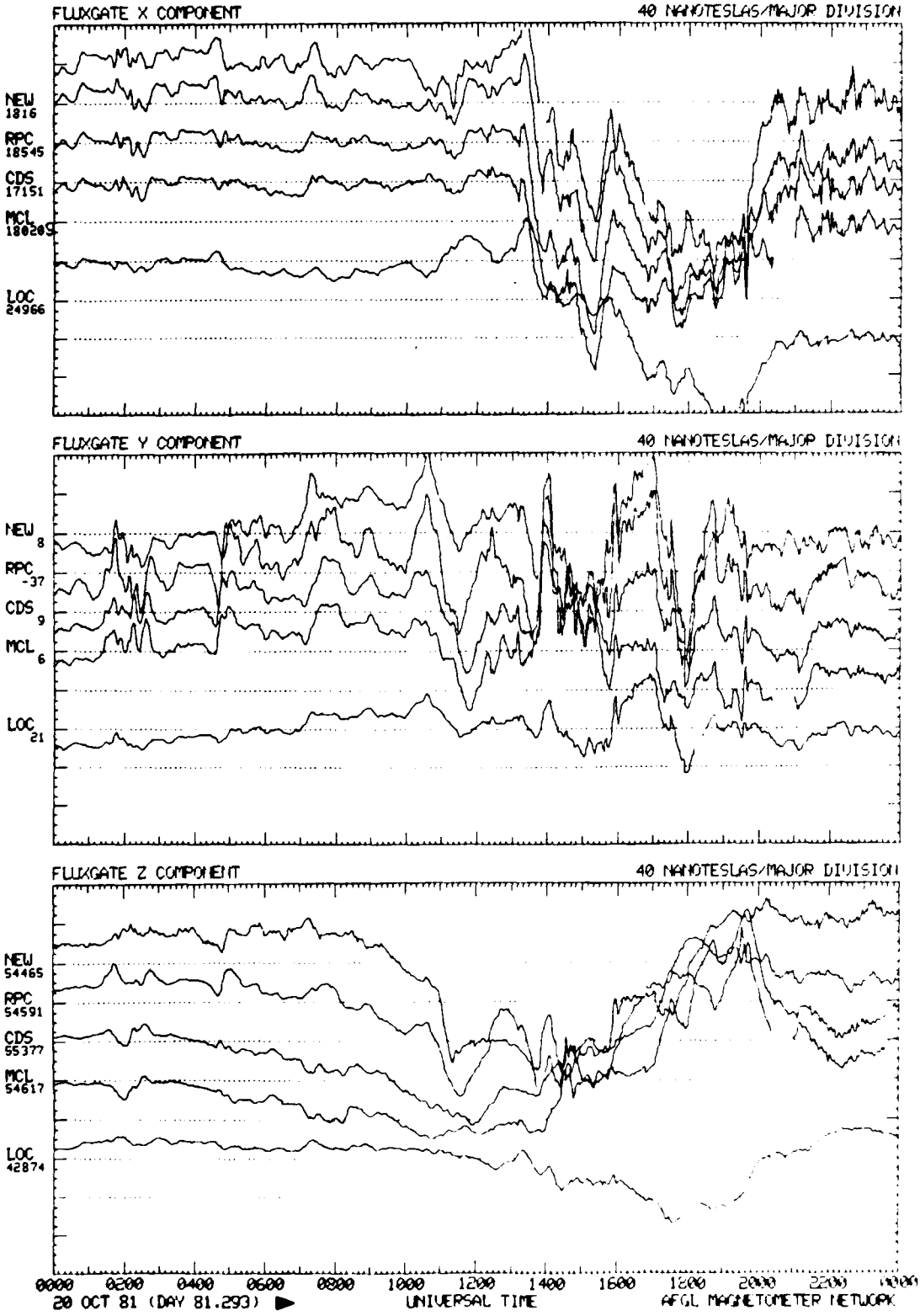
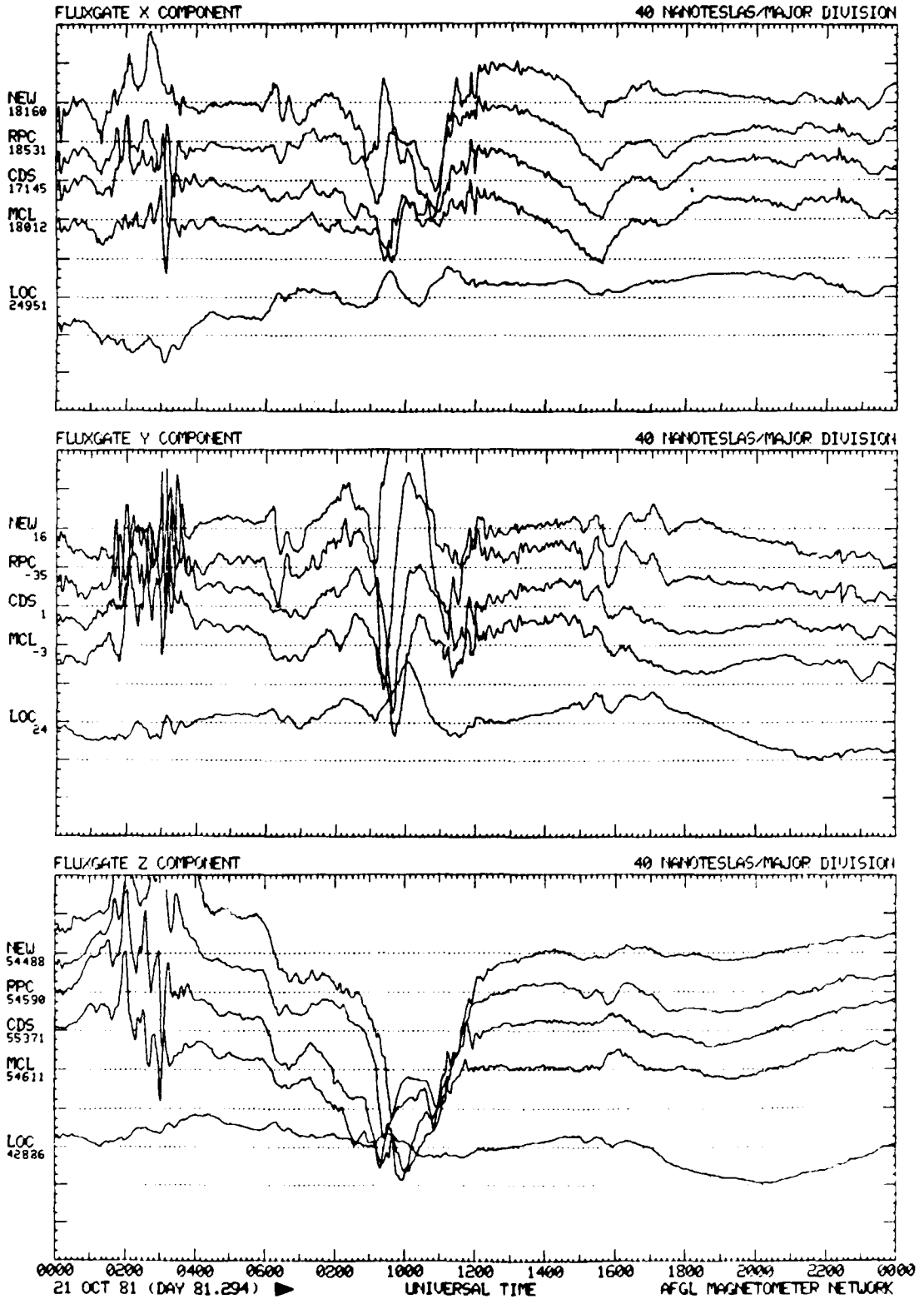
19 OCT 81 (DAY 81.292)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1816
RPC
18545
CDS
17151
MCL
18020
LOC
24966
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
8
RPC
-37
CDS
9
MCL
6
LOC
21
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54465
RPC
54591
CDS
55377
MCL
54617
LOC
42874
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200
20 OCT 81 (DAY 81.293)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18160
RPC
18531
CDS
17145
MCL
18012
LOC
24951
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
16
RPC
-35
CDS
1
MCL
-3
LOC
24
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54488
PPC
54590
CDS
55371
MCL
54611
LOC
42886
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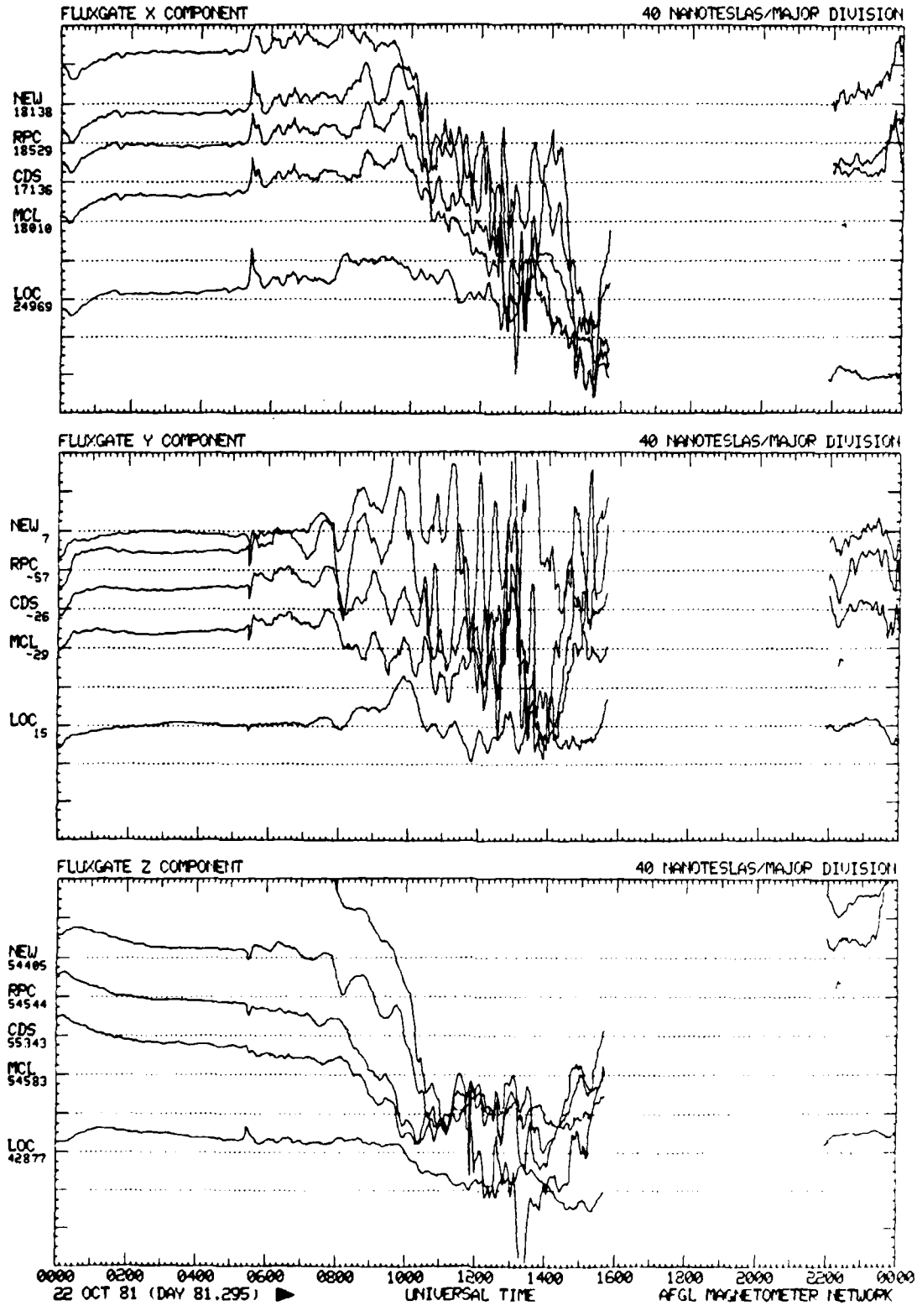
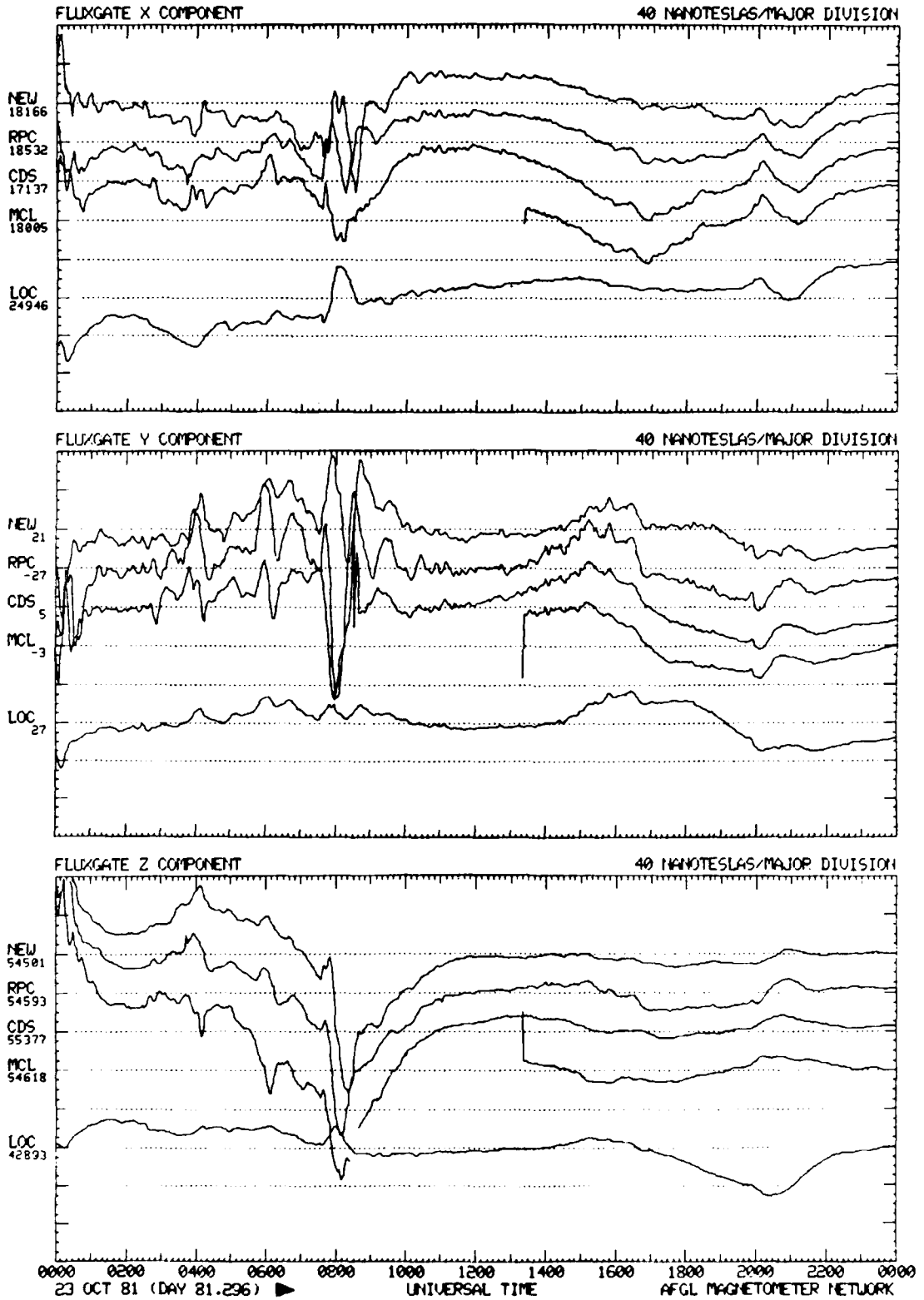
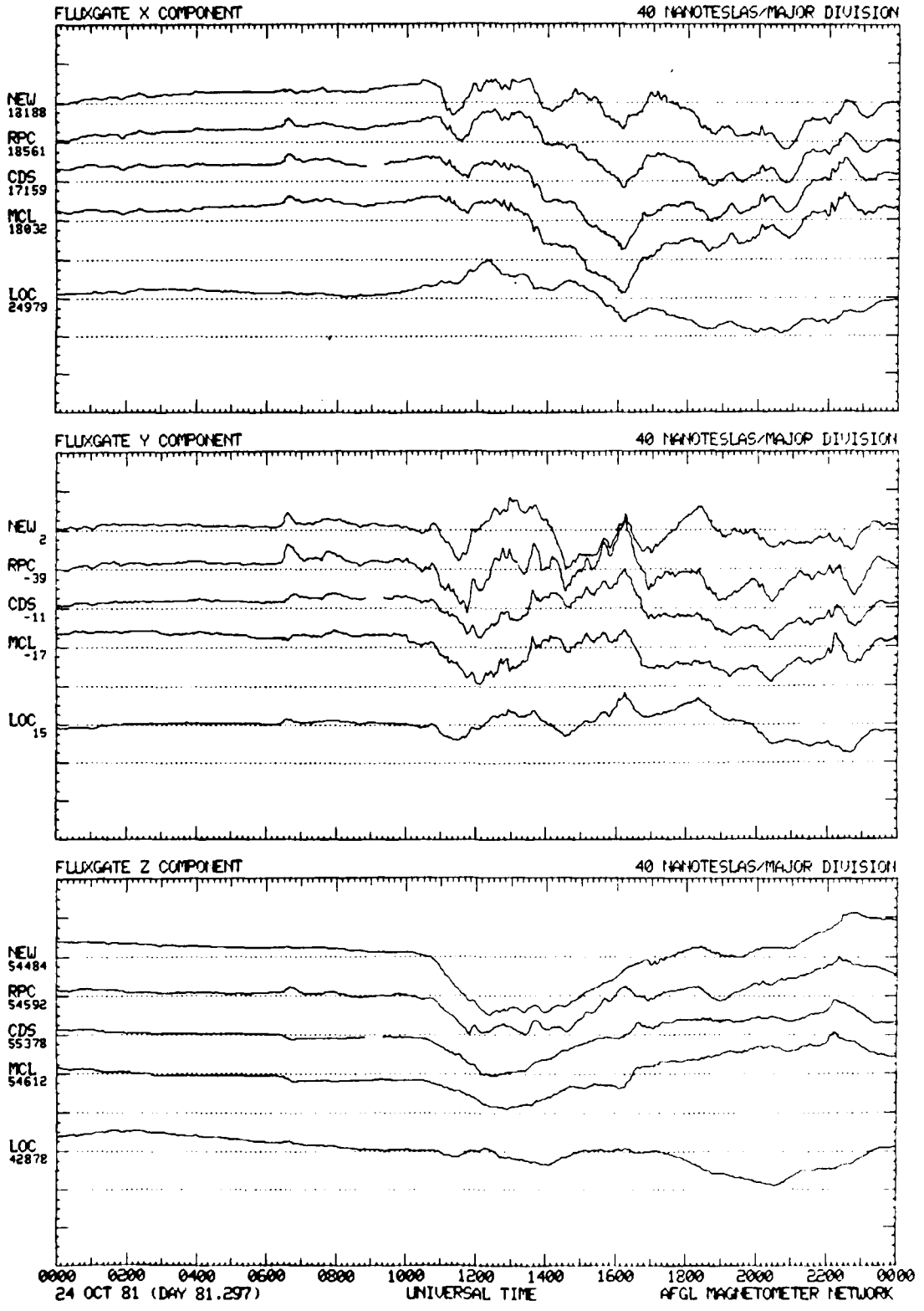
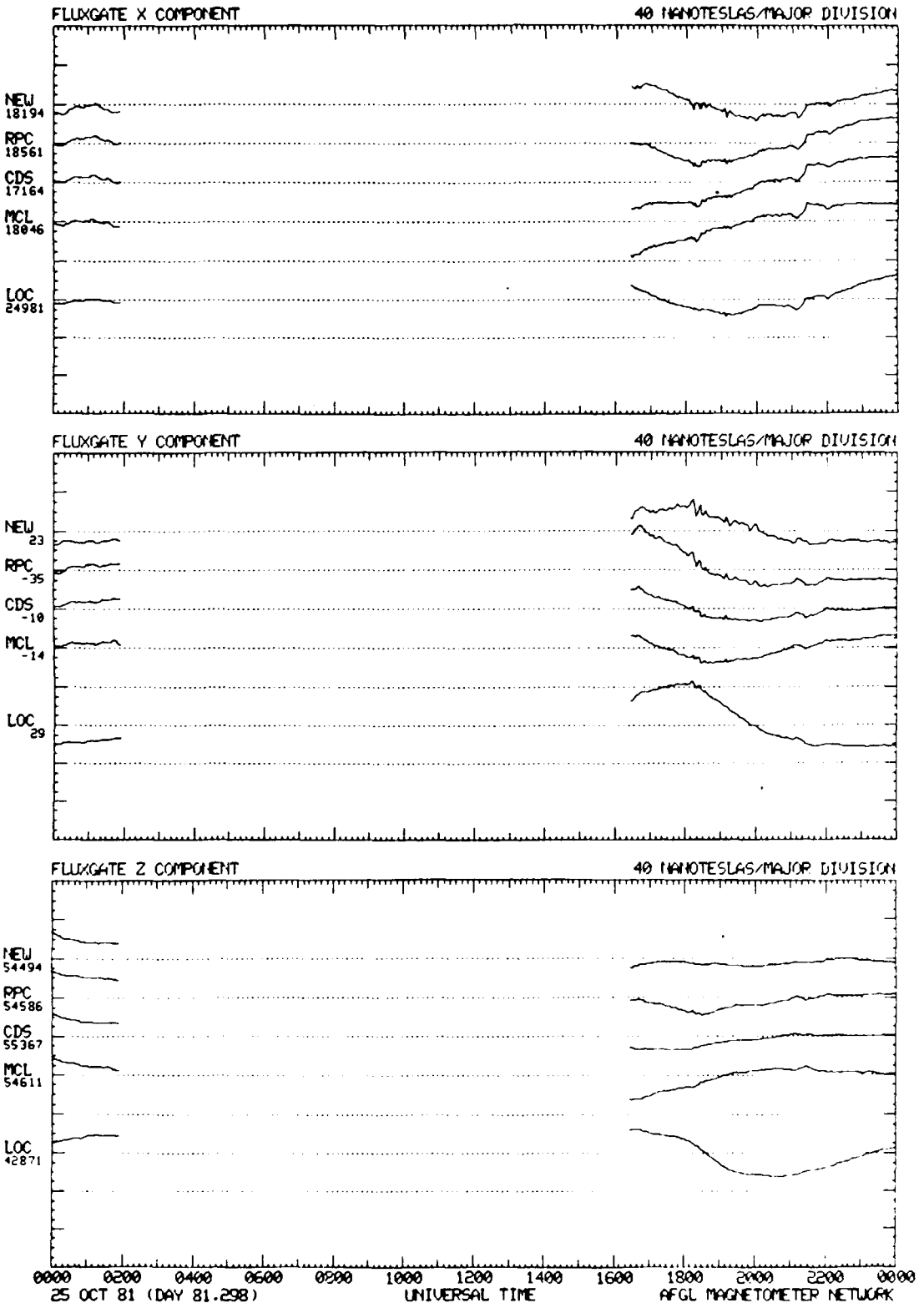
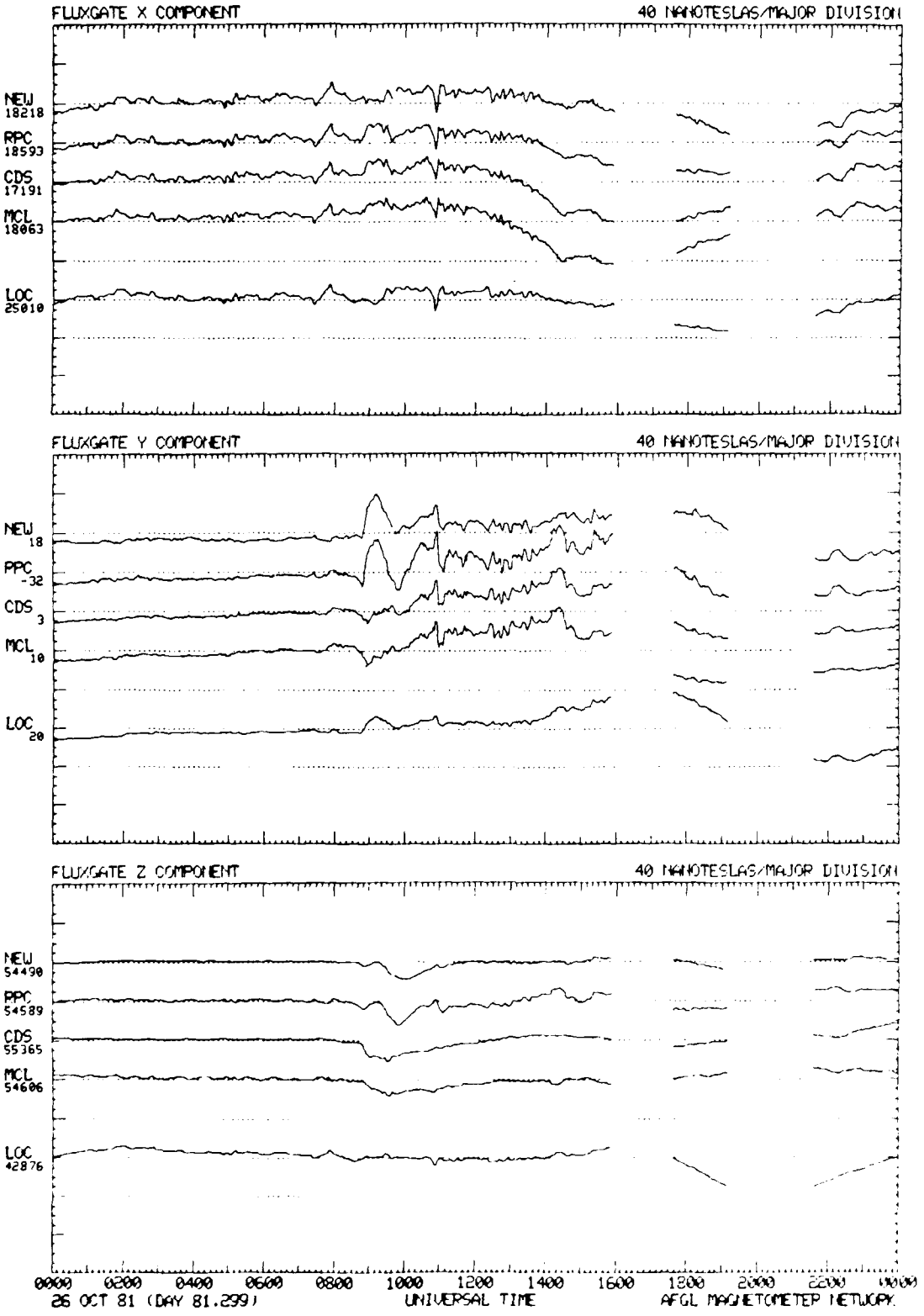
21 OCT 81 (DAY 81.294)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

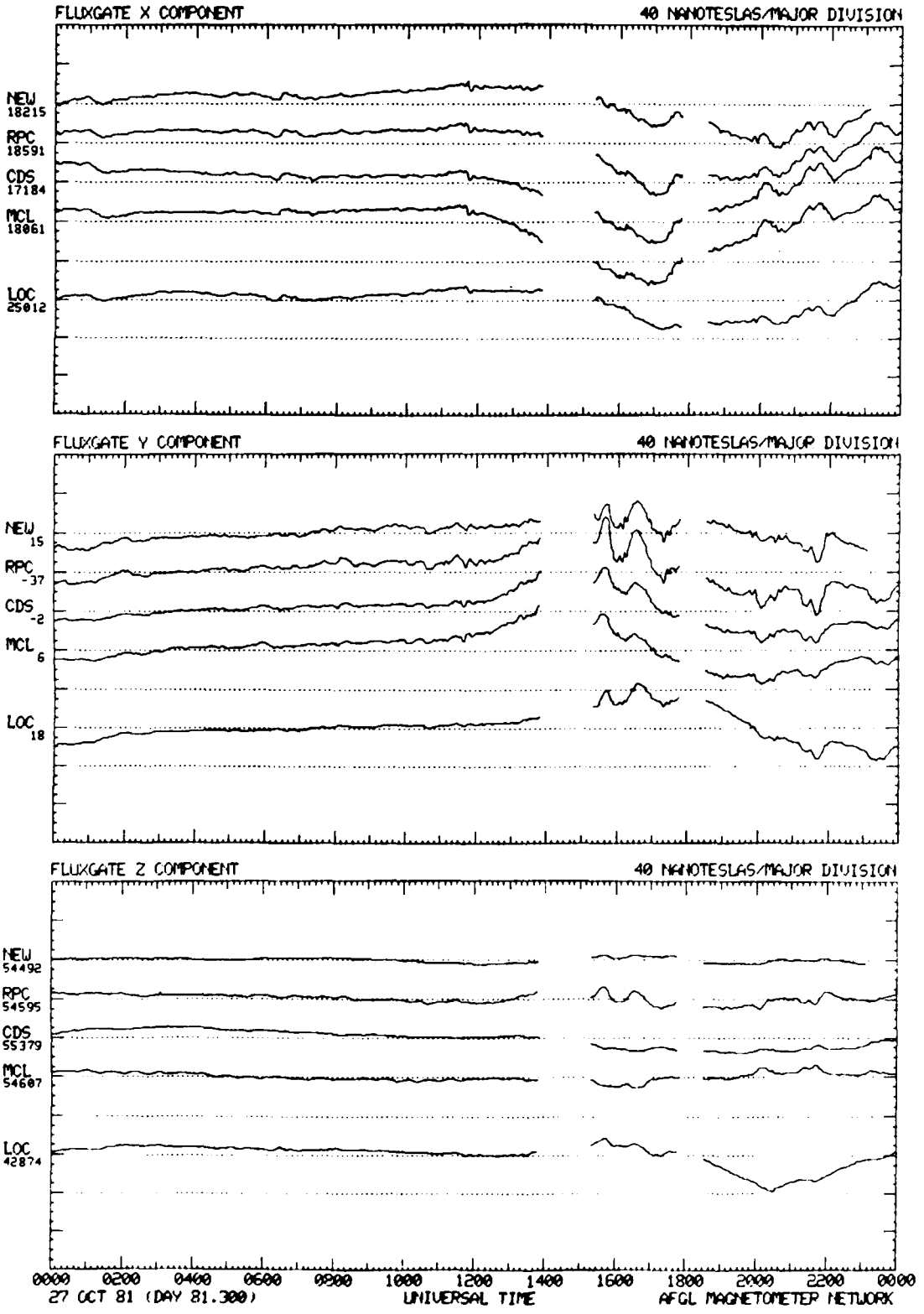

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18138
RPC
18529
CDS
17136
MCL
18010
LOC
24969
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
7
RPC
-57
CDS
-26
MCL
-29
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54405
RPC
54544
CDS
55143
MCL
54583
LOC
42877
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 OCT 81 (DAY 81.295)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

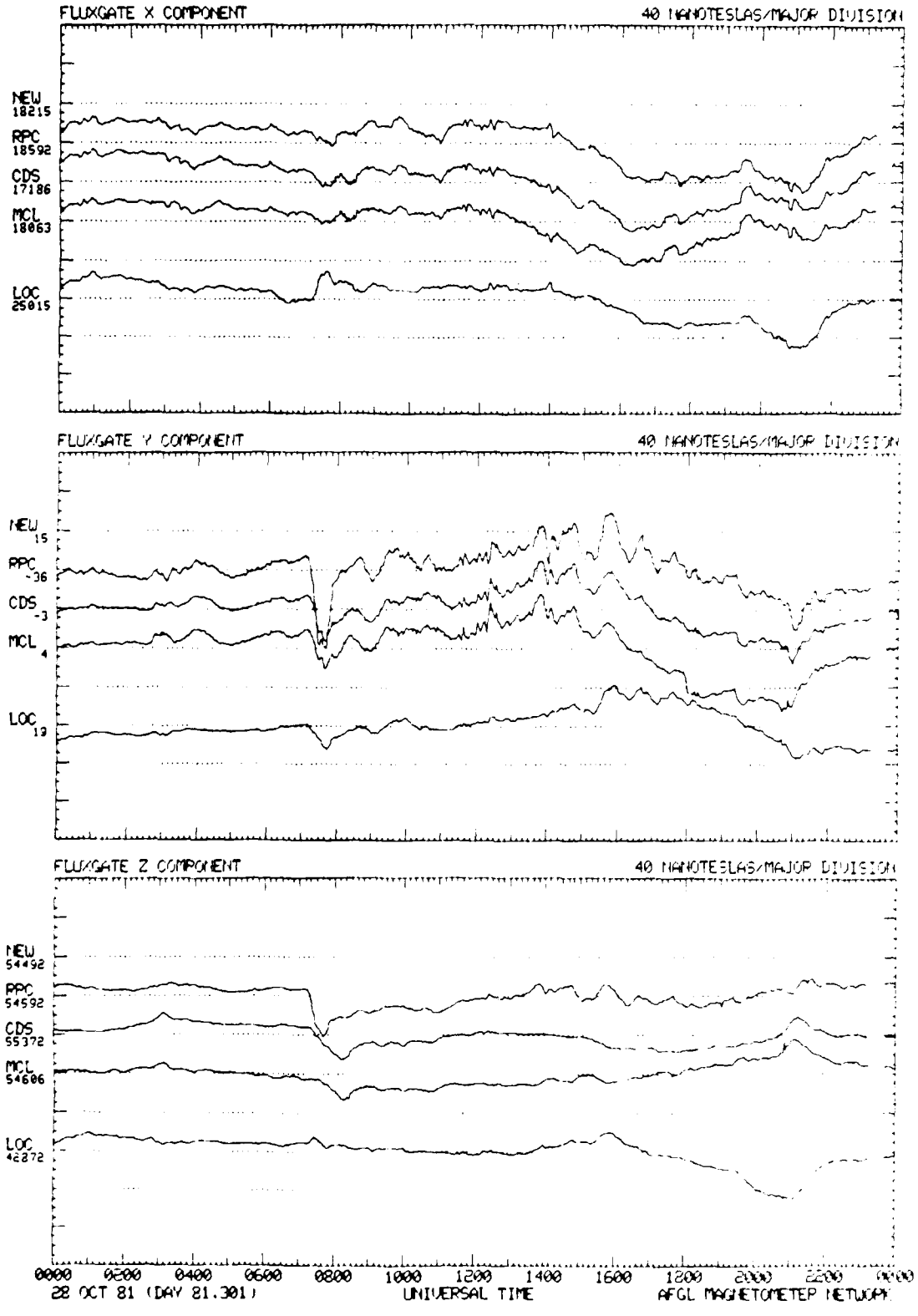

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18166
RPC
18532
CDS
17137
MCL
18005
LOC
24946
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
21
RPC
-27
CDS
5
MCL
-3
LOC
27
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54501
RPC
54593
CDS
55377
MCL
54618
LOC
42893
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 OCT 81 (DAY 81.296)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18188
RPC
18561
CDS
17159
MCL
18032
LOC
24979
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
2
RPC
-39
CDS
-11
MCL
-17
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54484
RPC
54592
CDS
55378
MCL
54612
LOC
42878
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 OCT 81 (DAY 81.297)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18194
RPC
18561
CDS
17164
MCL
18046
LOC
24981
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
23
RPC
-35
CDS
-10
MCL
-14
LOC
29
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54494
RPC
54586
CDS
55367
MCL
54611
LOC
42871
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 OCT 81 (DAY 81.298)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18218
RPC 18593
CDS 17191
MCL 18063
LOC 25010
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18
PPC -32
CDS 3
MCL 10
LOC 20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54490
PPC 54589
CDS 55365
MCL 54606
LOC 42876
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 OCT 81 (DAY 81.299)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18215
RPC
18591
CDS
17184
MCL
18061
LOC
25012
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
15
RPC
-37
CDS
-2
MCL
6
LOC
18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54492
RPC
54595
CDS
55379
MCL
54607
LOC
42874
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 OCT 81 (DAY 81.300)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18215
RPC
18592
CDS
17186
MCL
18063
LOC
25015
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
15
RPC
-36
CDS
-3
MCL
4
LOC
19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54492
RPC
54592
CDS
55372
MCL
54606
LOC
42872
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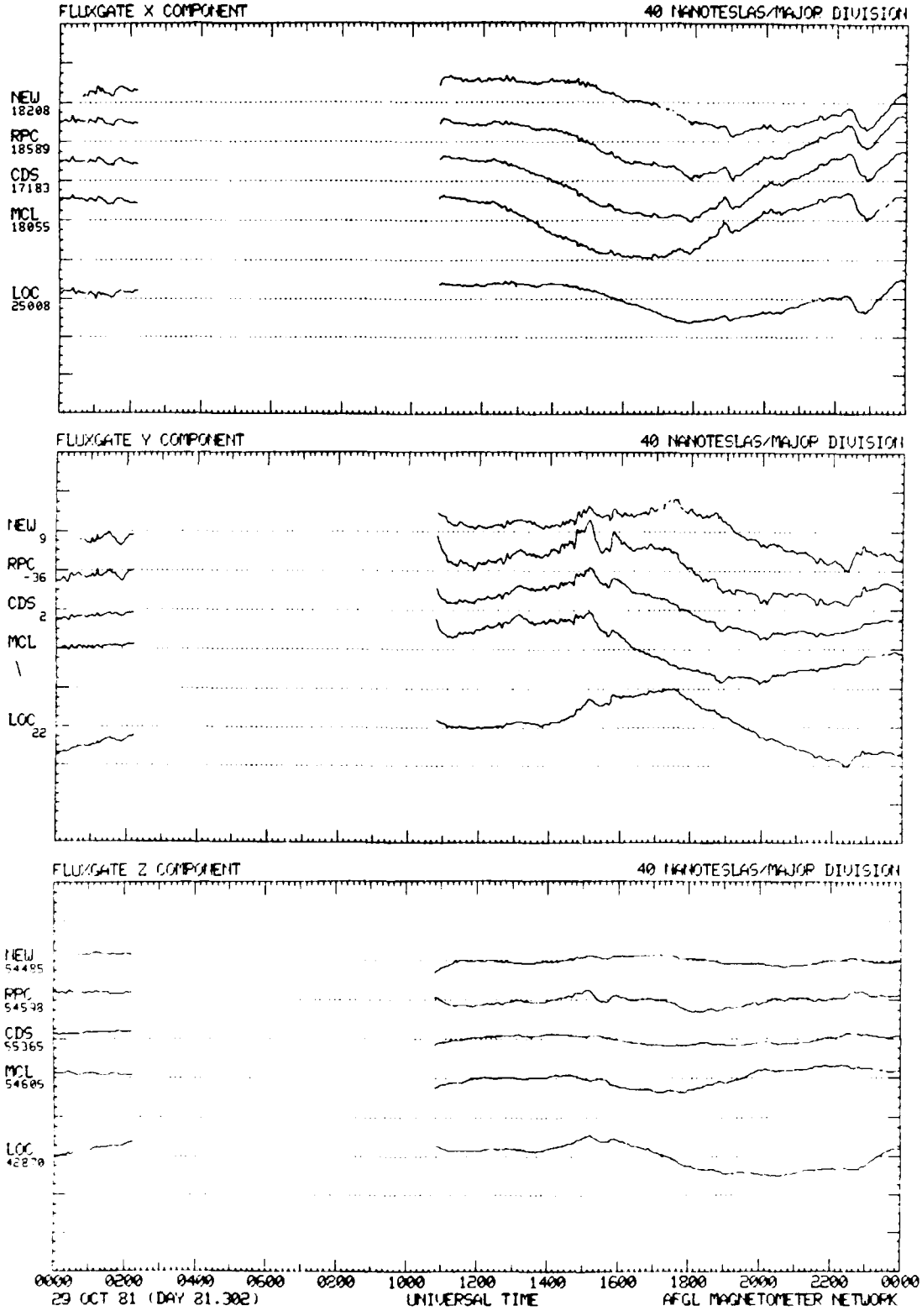
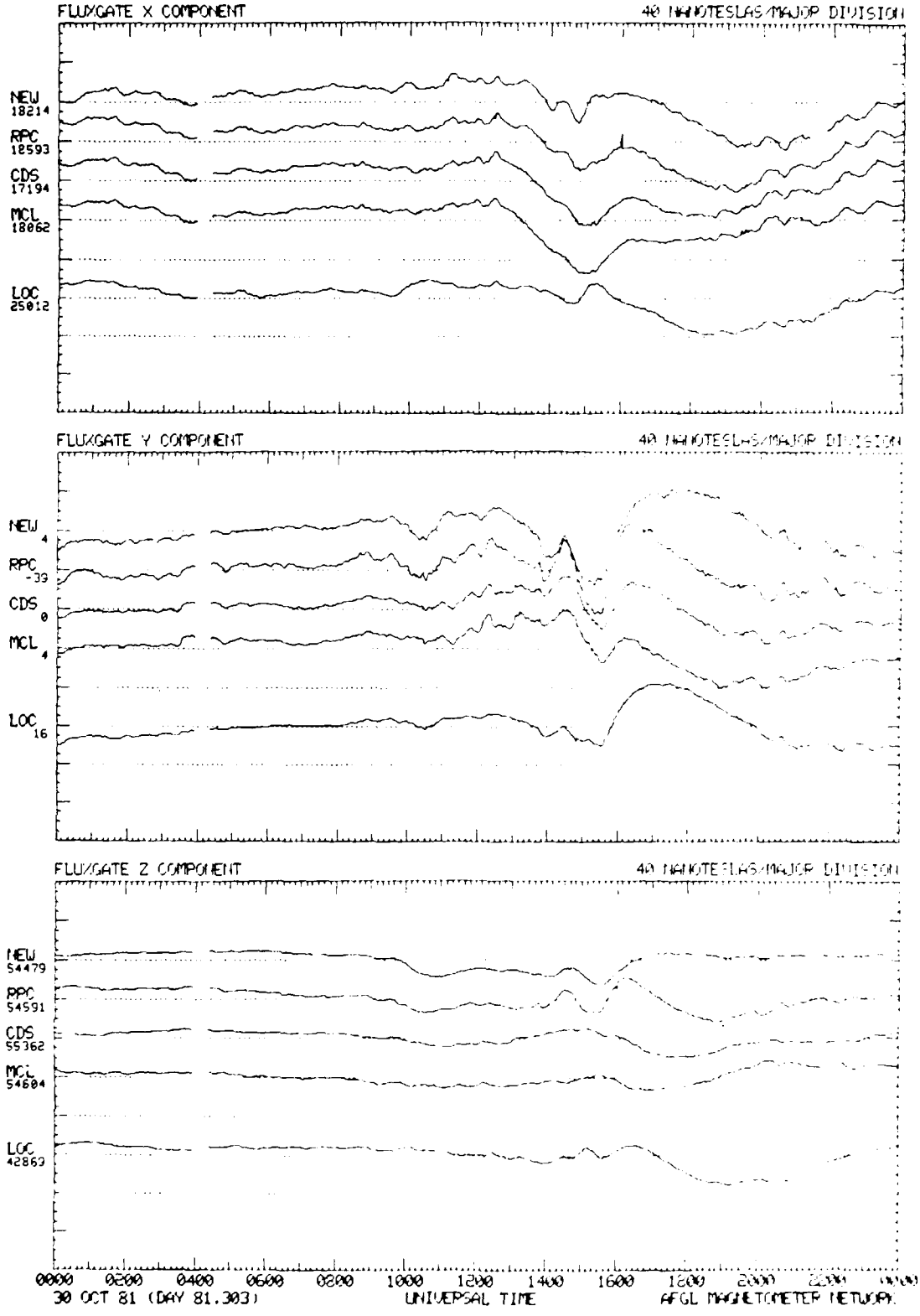
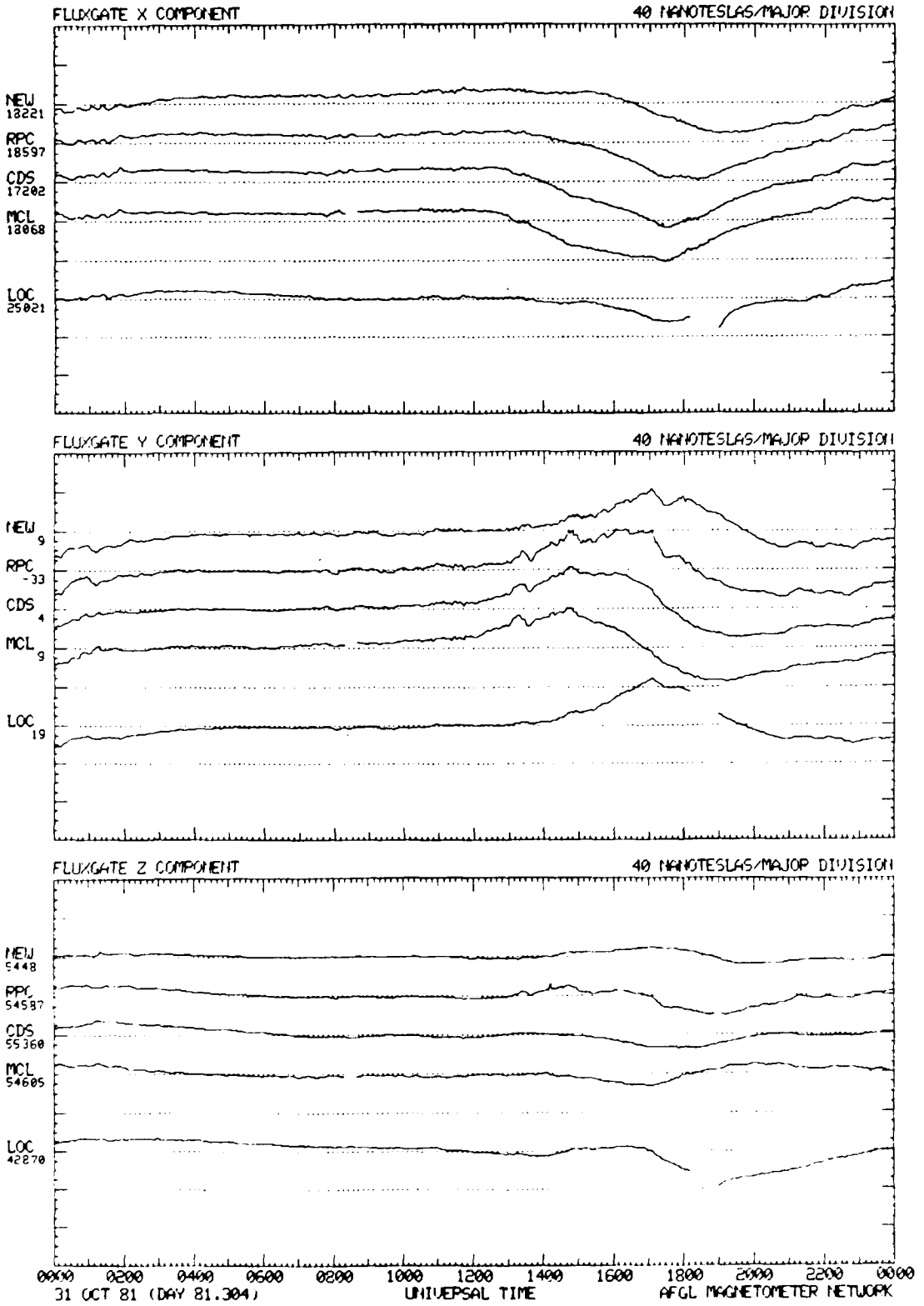
28 OCT 81 (DAY 81.301)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18208
RPC
18589
CDS
17183
MCL
18055
LOC
25008
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
9
RPC
-36
CDS
2
MCL
LOC
22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54485
RPC
54598
CDS
55365
MCL
54605
LOC
42870
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 OCT 81 (DAY 81.302)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
RPC
18593
CDS
17194
MCL
18062
LOC
25012
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
4
RPC
-39
CDS
0
MCL
4
LOC
16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54479
RPC
54591
CDS
55362
MCL
54604
LOC
42869
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
30 OCT 81 (DAY 81.303)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18221
RPC
18597
CDS
17202
MCL
18068
LOC
25021
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
9
RPC
-33
CDS
4
MCL
9
LOC
19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
5448
RPC
54587
CDS
55360
MCL
54605
LOC
42870
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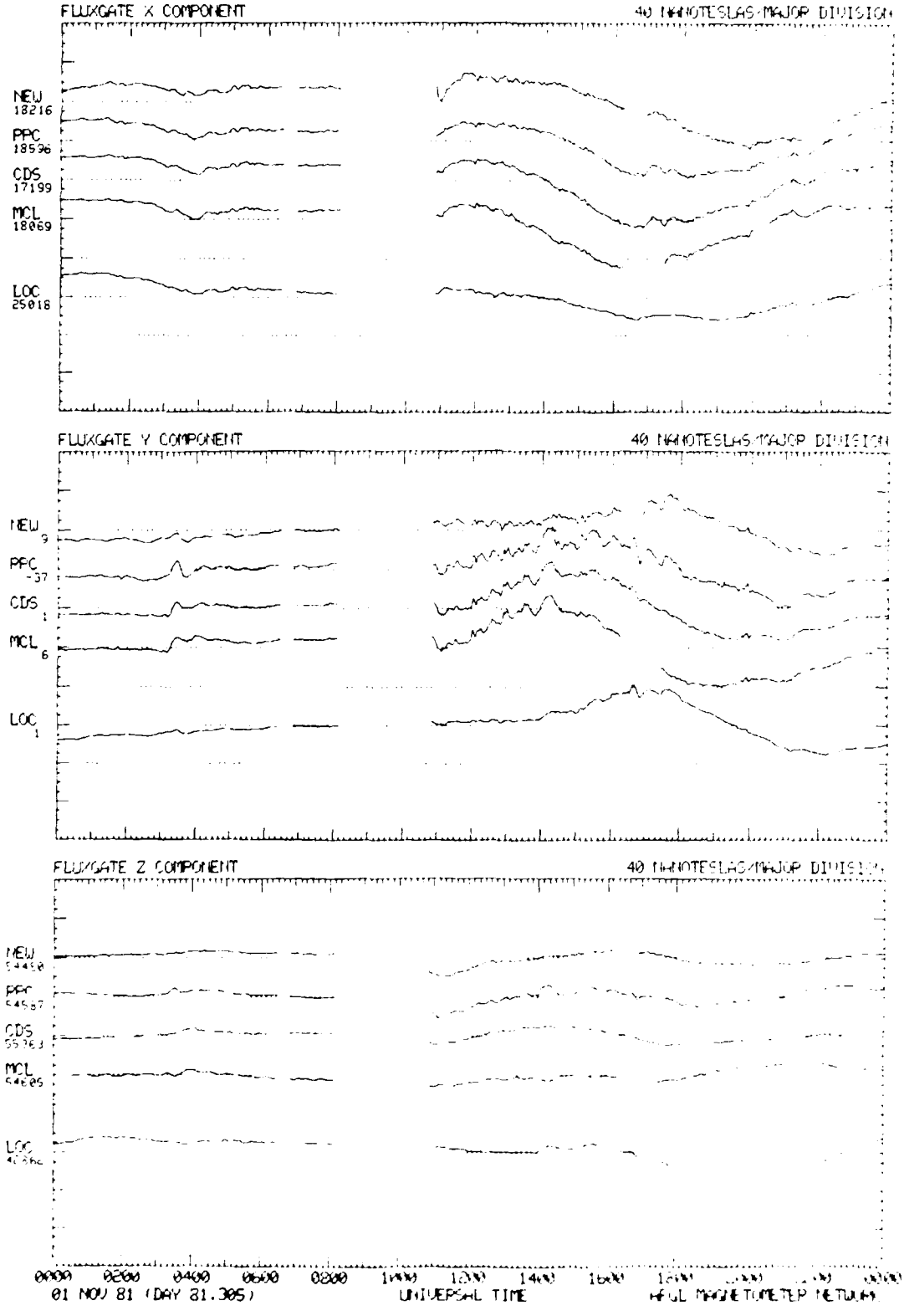
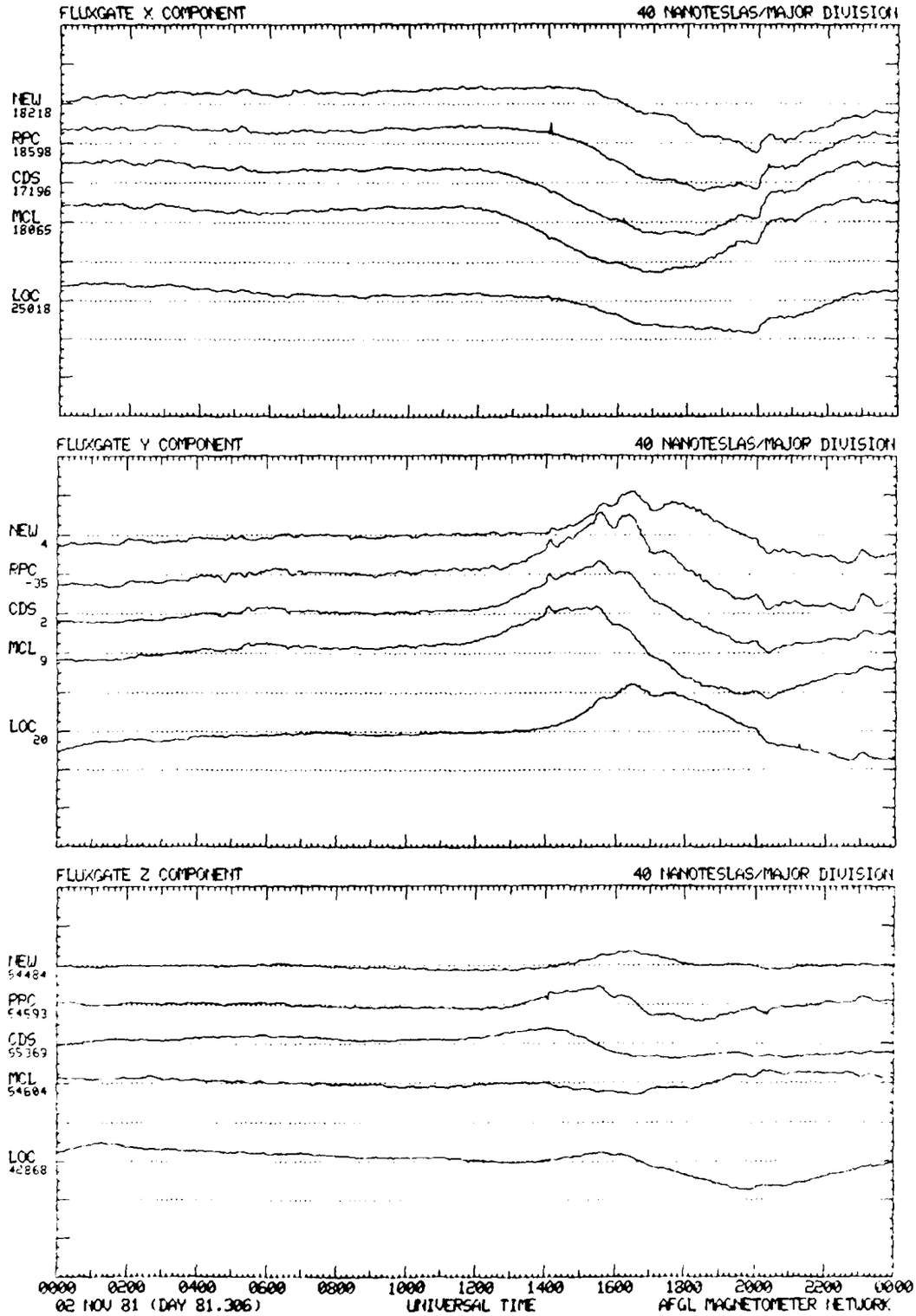
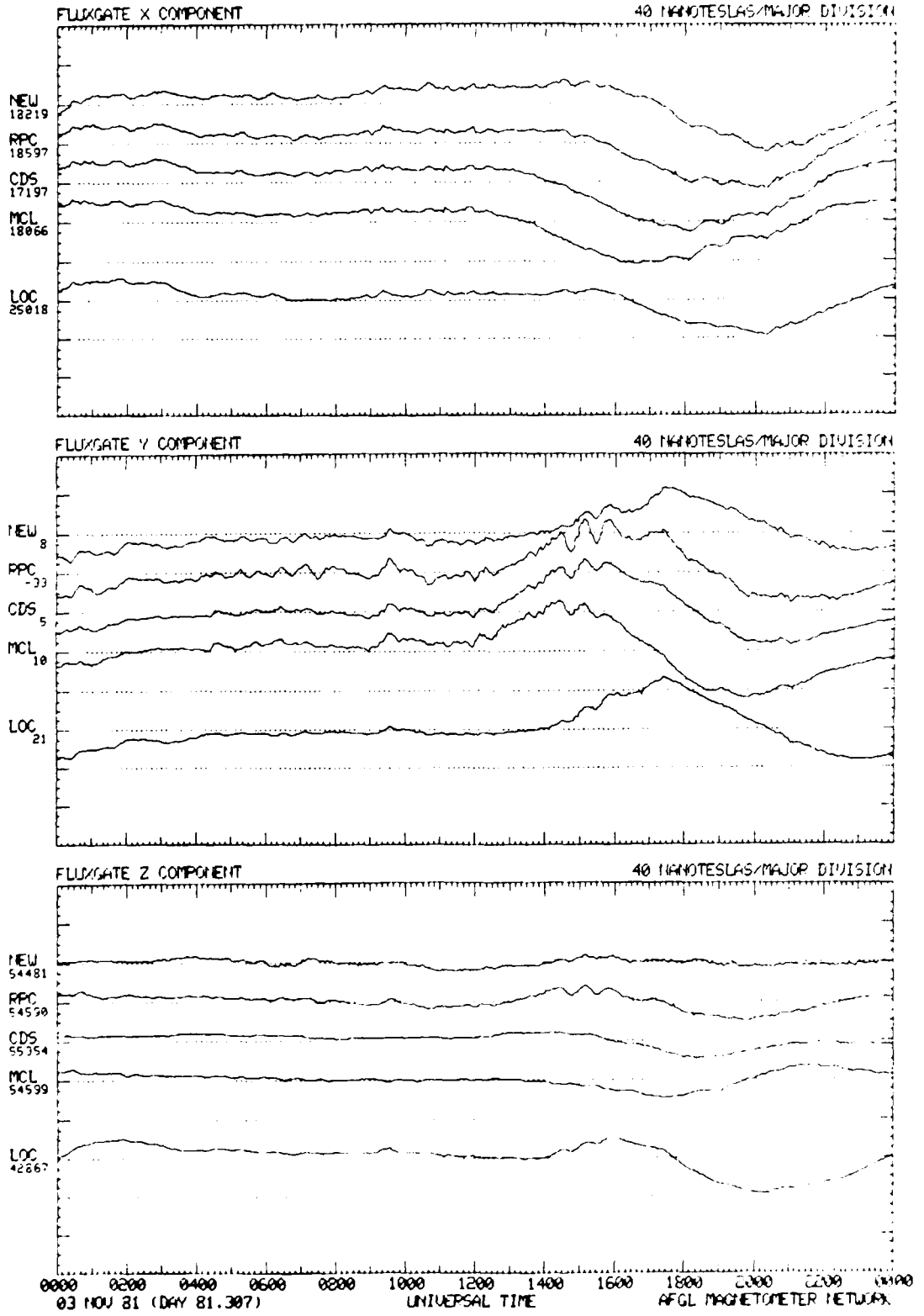
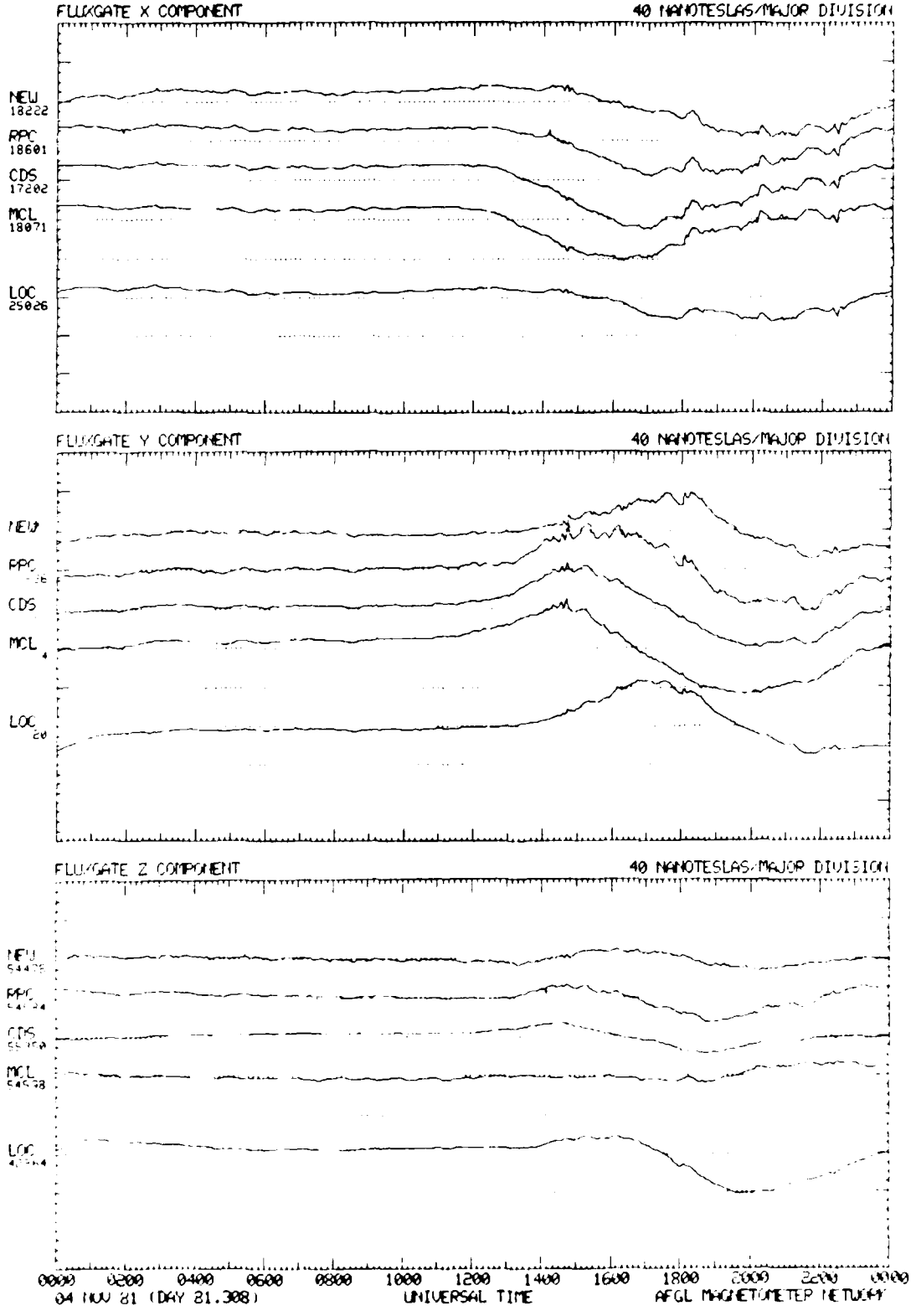
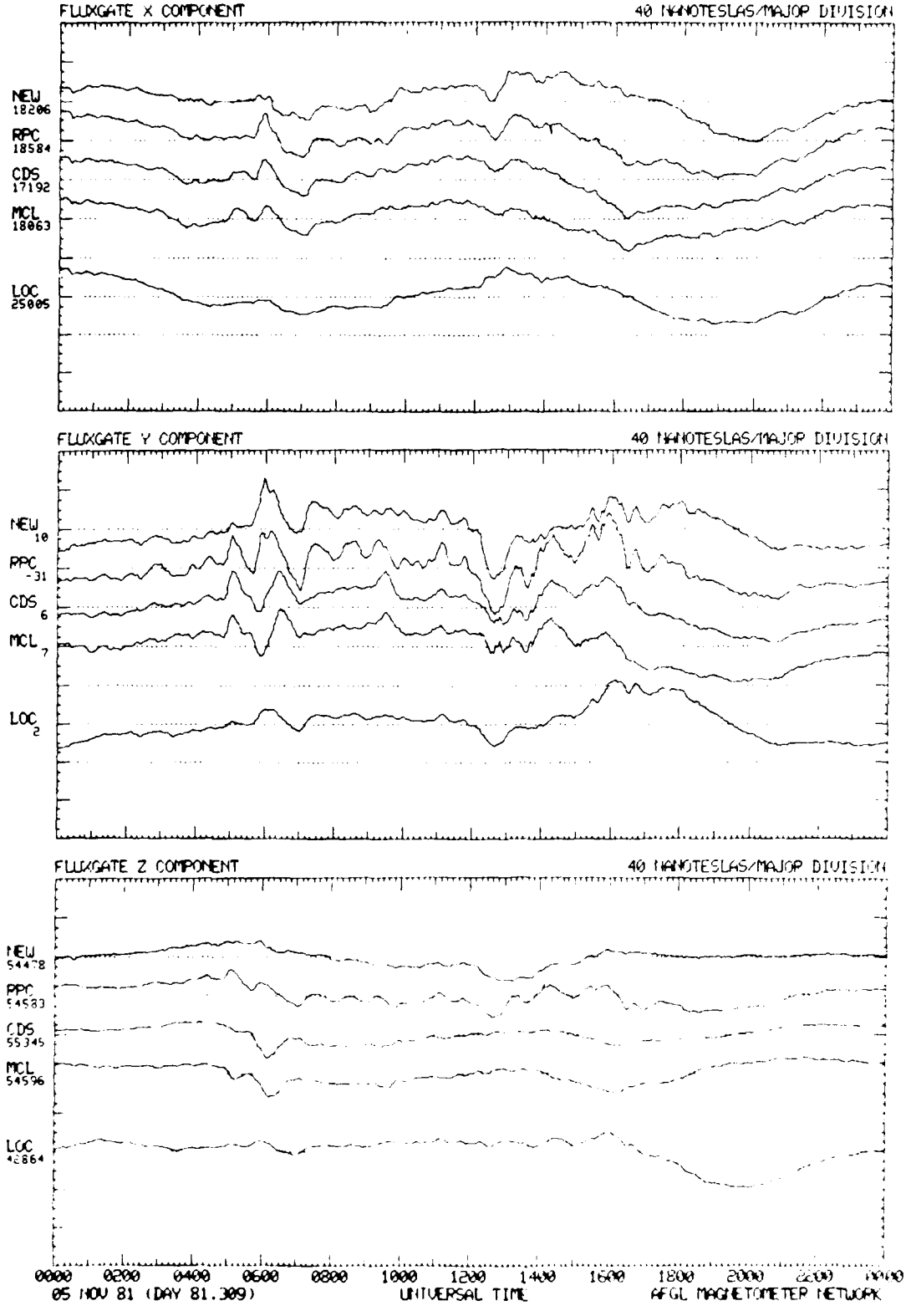
31 OCT 81 (DAY 81.304)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

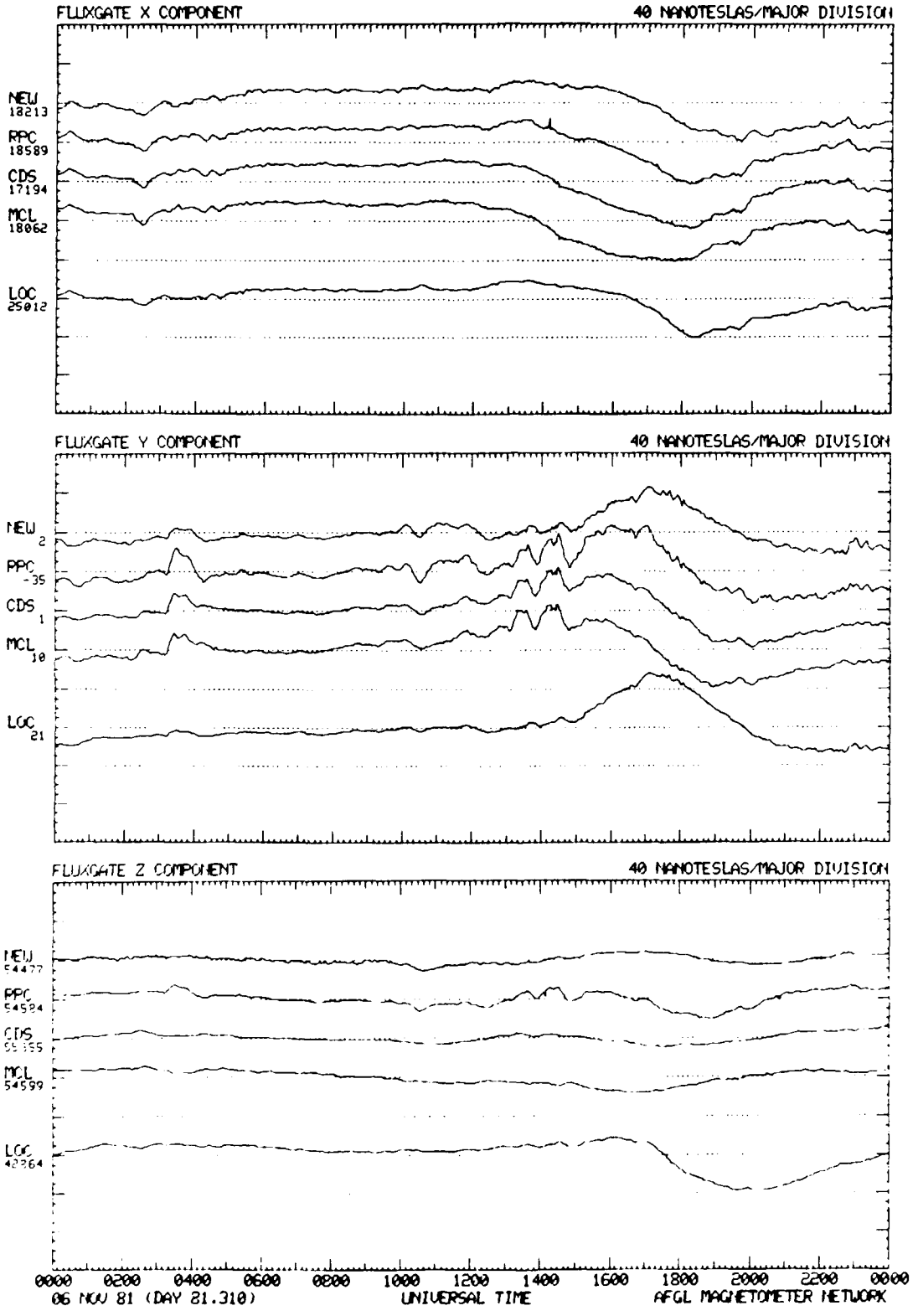

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18216
PPC
18596
CDS
17199
MCL
18069
LOC
25018
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
9
PPC
-37
CDS
1
MCL
6
LOC
1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
01 NOV 81 (DAY 31.305)
UNIVERSAL TIME
ARCTIC MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18218
RPC
18598
CDS
17196
MCL
18065
LOC
25018
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
4
RPC
-35
CDS
2
MCL
9
LOC
20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54484
RPC
54593
CDS
55369
MCL
54604
LOC
42868
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 NOV 81 (DAY 81.306)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18219
RPC
18597
CDS
17197
MCL
18066
LOC
25018
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
8
RPC
-33
CDS
5
MCL
10
LOC
21
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54481
RPC
54590
CDS
55354
MCL
54599
LOC
42867
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
03 NOV 81 (DAY 81.307)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18222
RPC
18601
CDS
17202
MCL
18071
LOC
25026
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
RPC
CDS
MCL
LOC
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
RPC
CDS
MCL
LOC
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
04 NOV 81 (DAY 81.308)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18206
RPC
18584
CDS
17192
MCL
18063
LOC
25005
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
10
RPC
-31
CDS
6
MCL
7
LOC
2
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54583
CDS
55345
MCL
54596
LOC
42864
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
05 NOV 81 (DAY 81.309)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18213
RPC
18589
CDS
17194
MCL
18062
LOC
25012
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
2
PPC
-35
CDS
1
MCL
10
LOC
21
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54477
PPC
54584
CDS
55355
MCL
54599
LOC
42364
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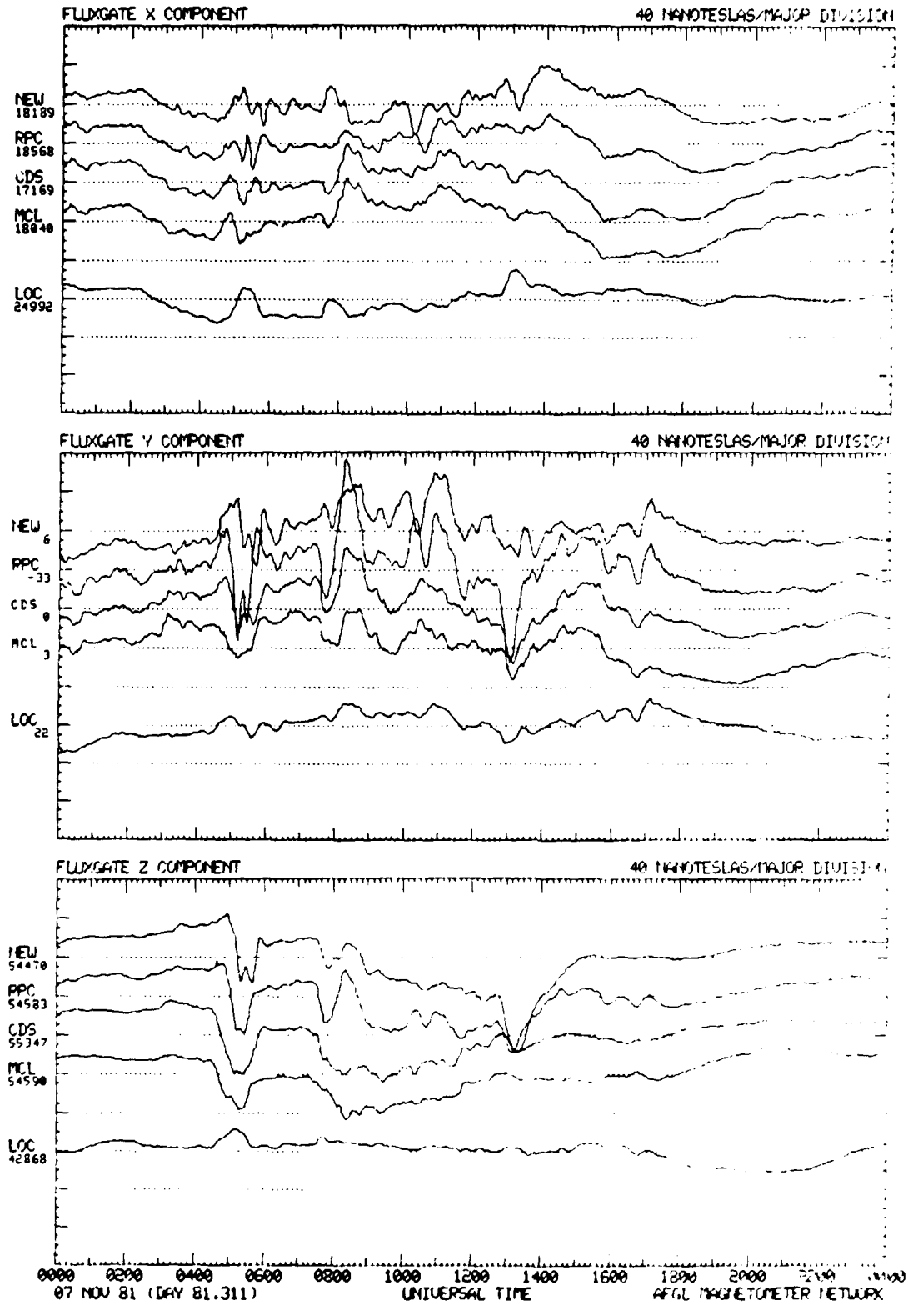
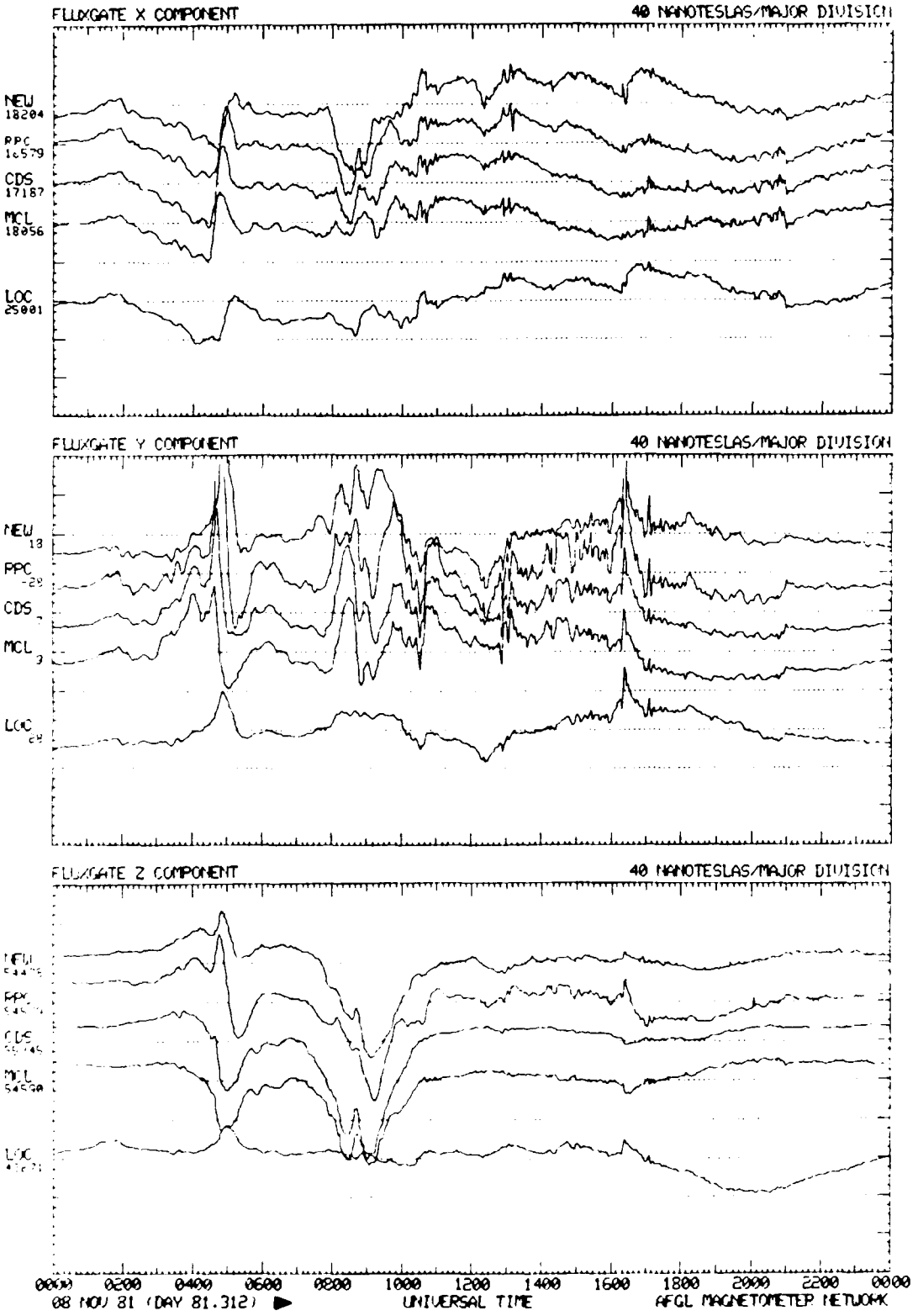
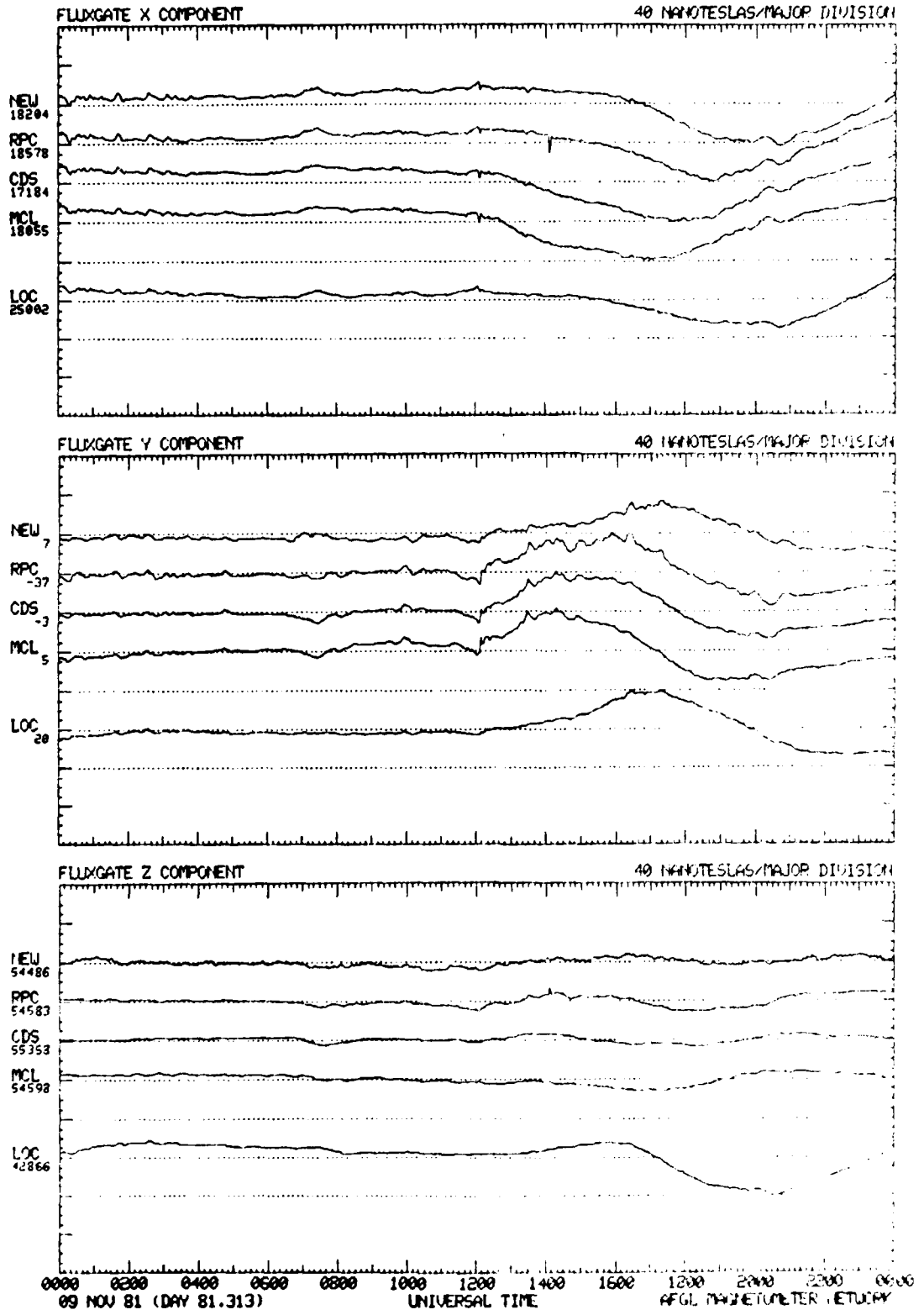
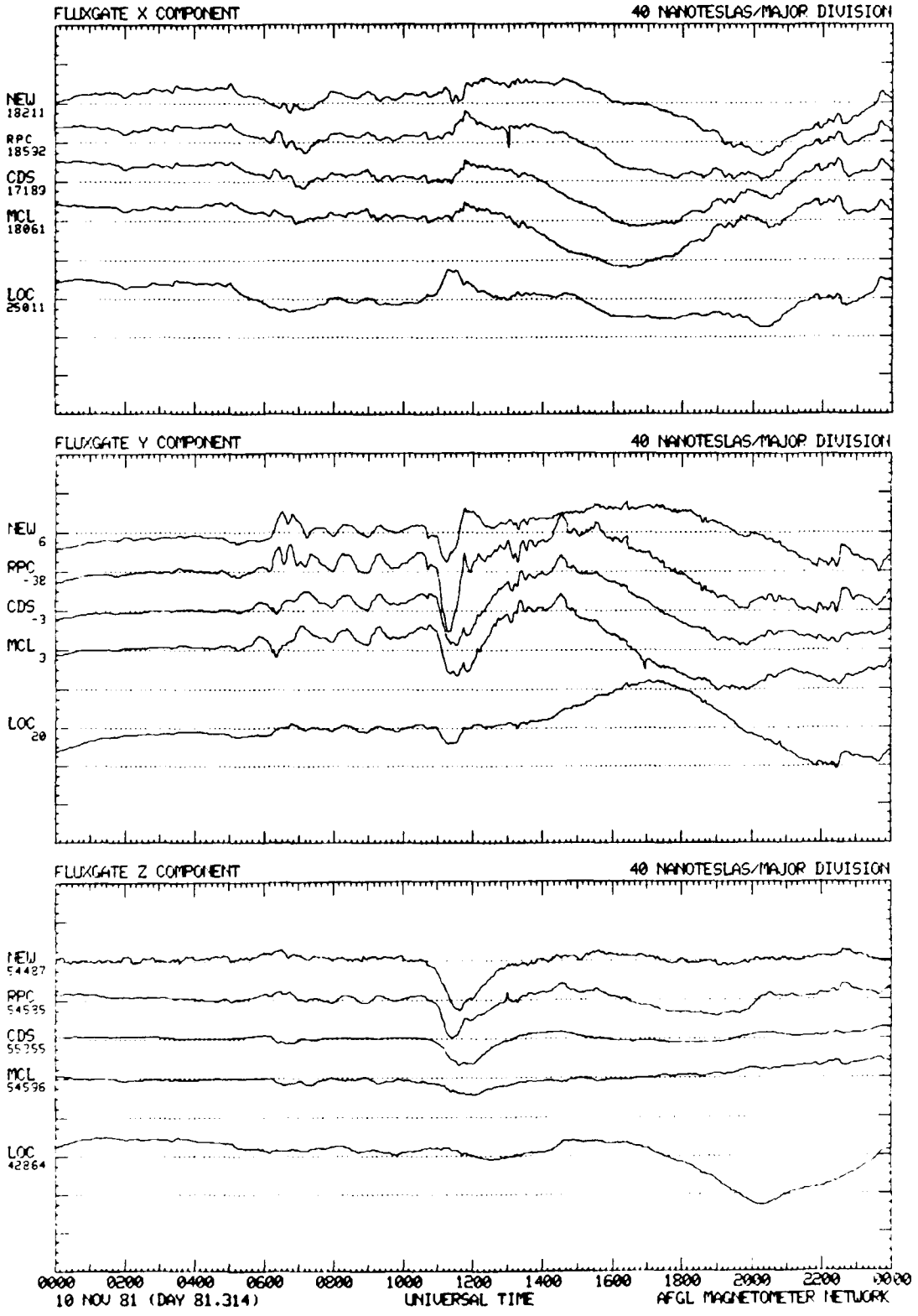
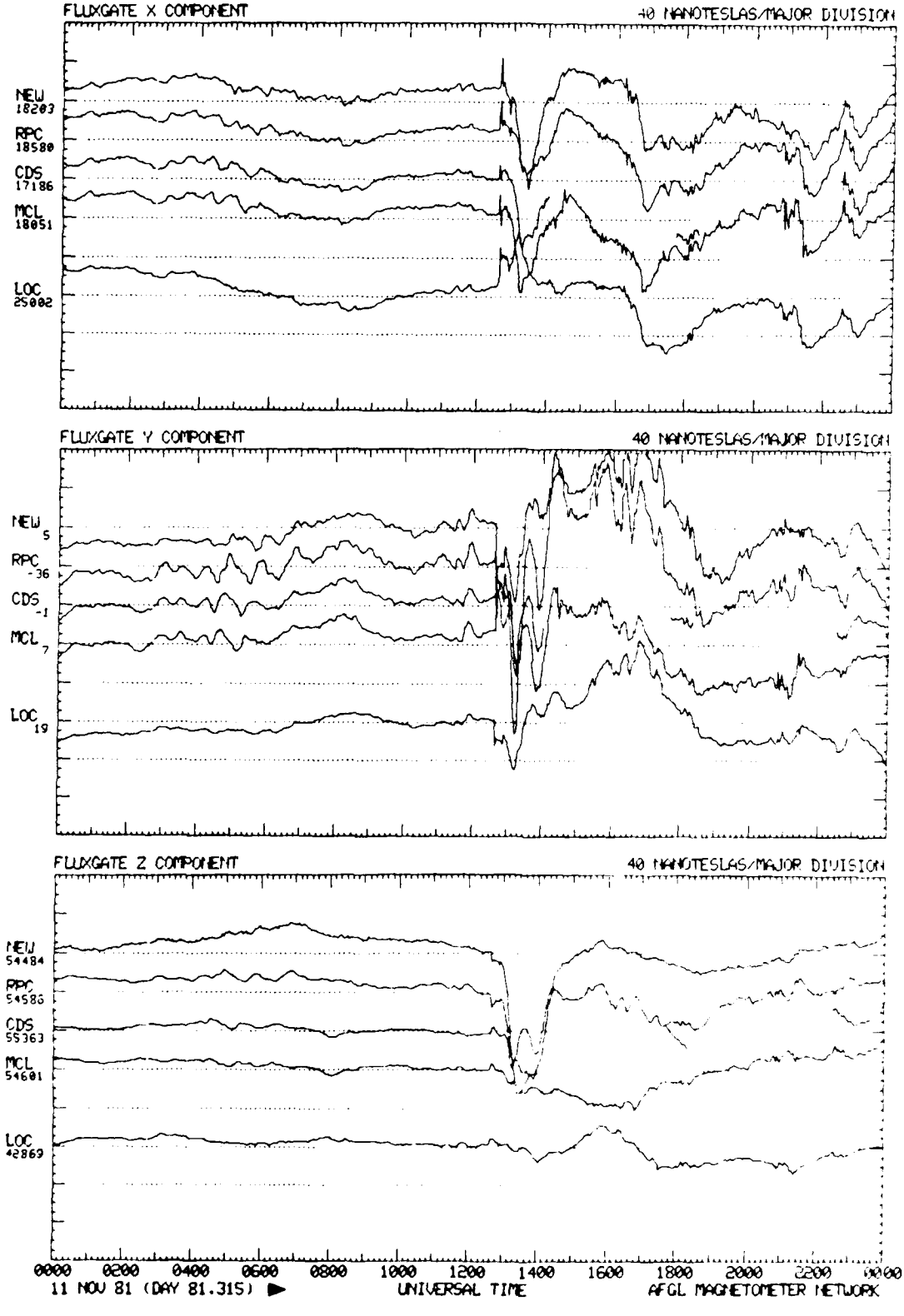
06 NOV 81 (DAY 81.310)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

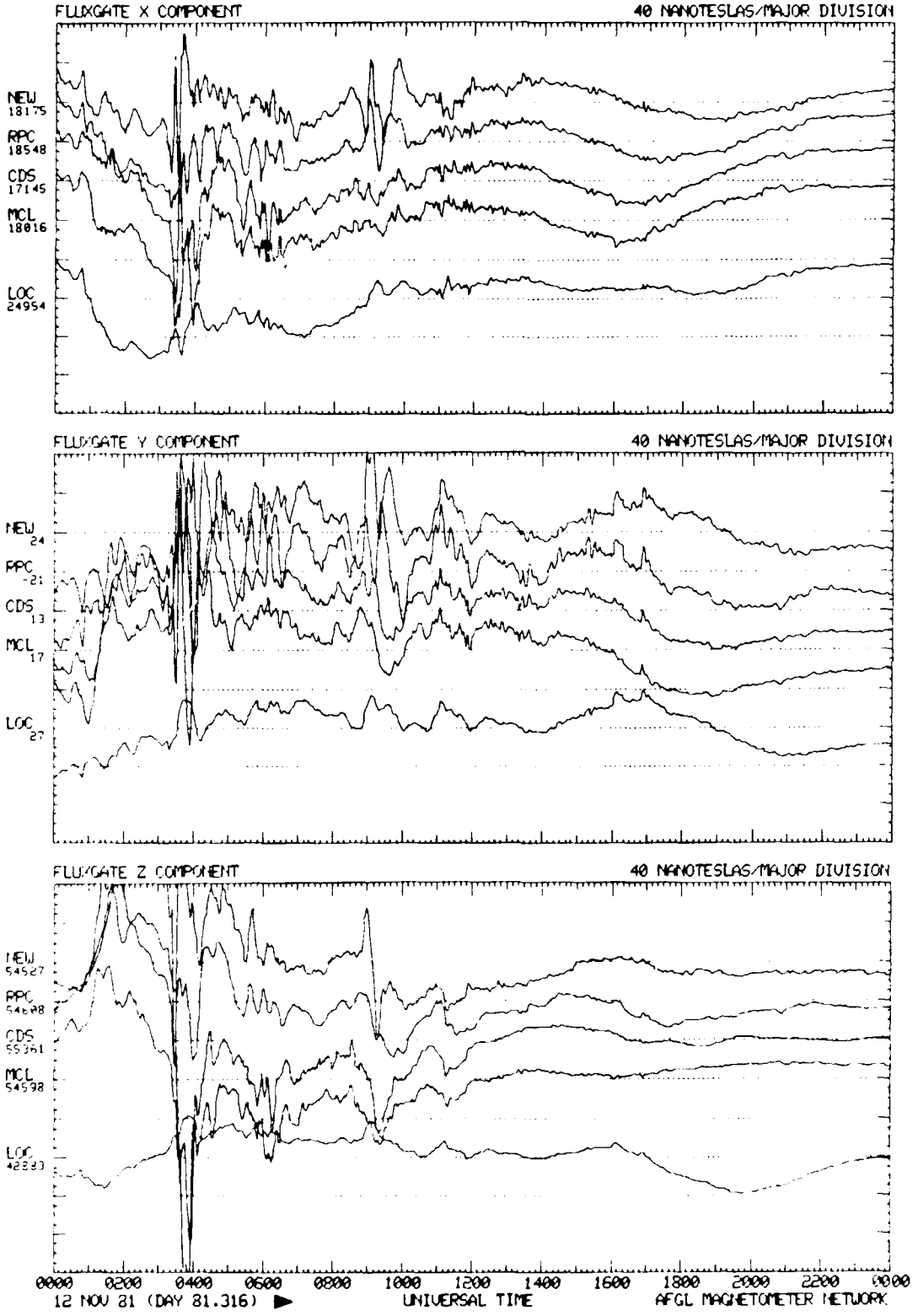

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18189
RPC
18568
CDS
17169
MCL
18040
LOC
24992
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
6
RPC
-33
CDS
0
MCL
3
LOC
22
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54470
RPC
54583
CDS
55347
MCL
54590
LOC
42868
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
07 NOV 81 (DAY 81.311)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

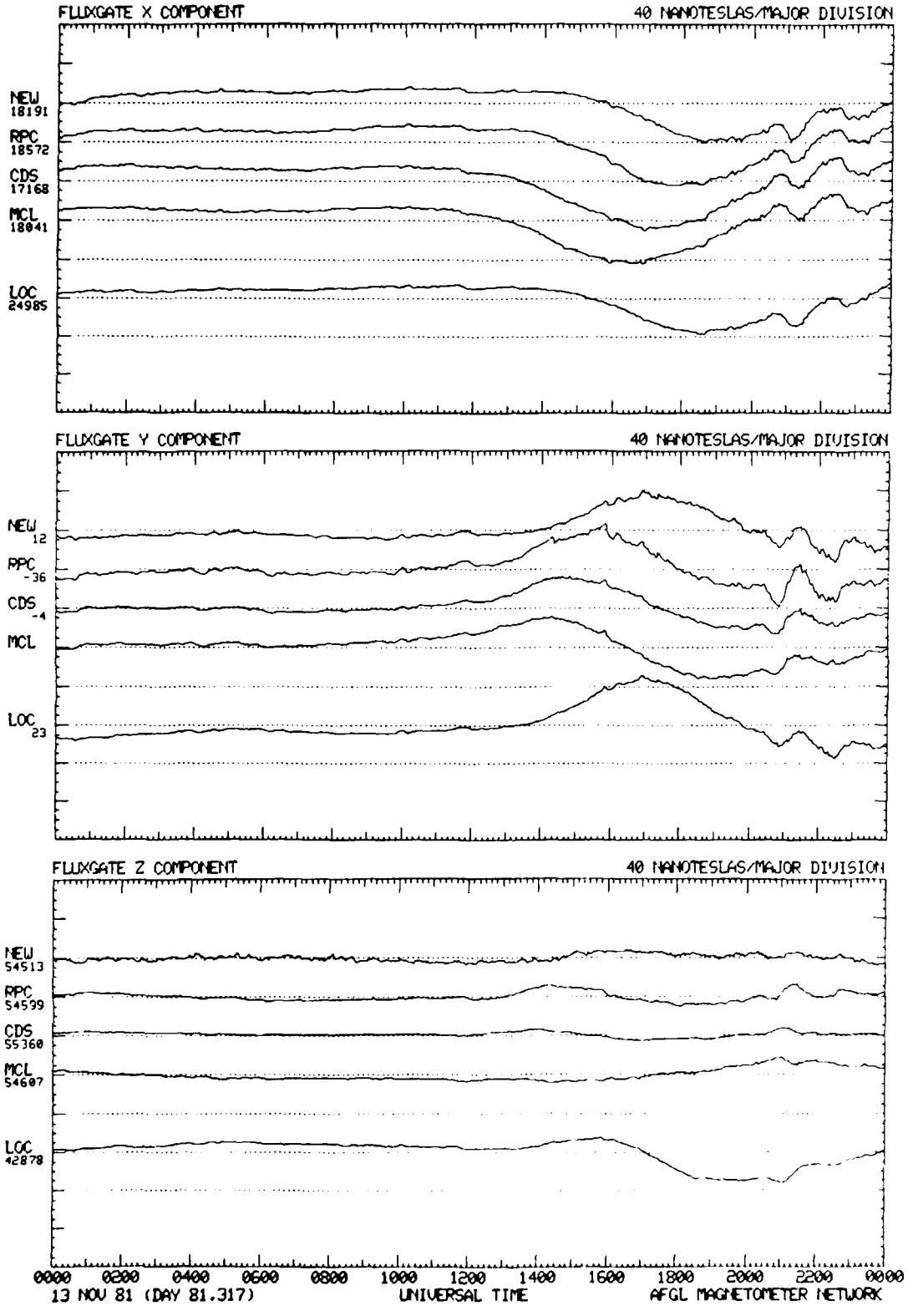

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18204
PPC
16579
CDS
17187
MCL
18056
LOC
25001
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
CDS
MCL
LOC
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
08 NOV 81 (DAY 81.312)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

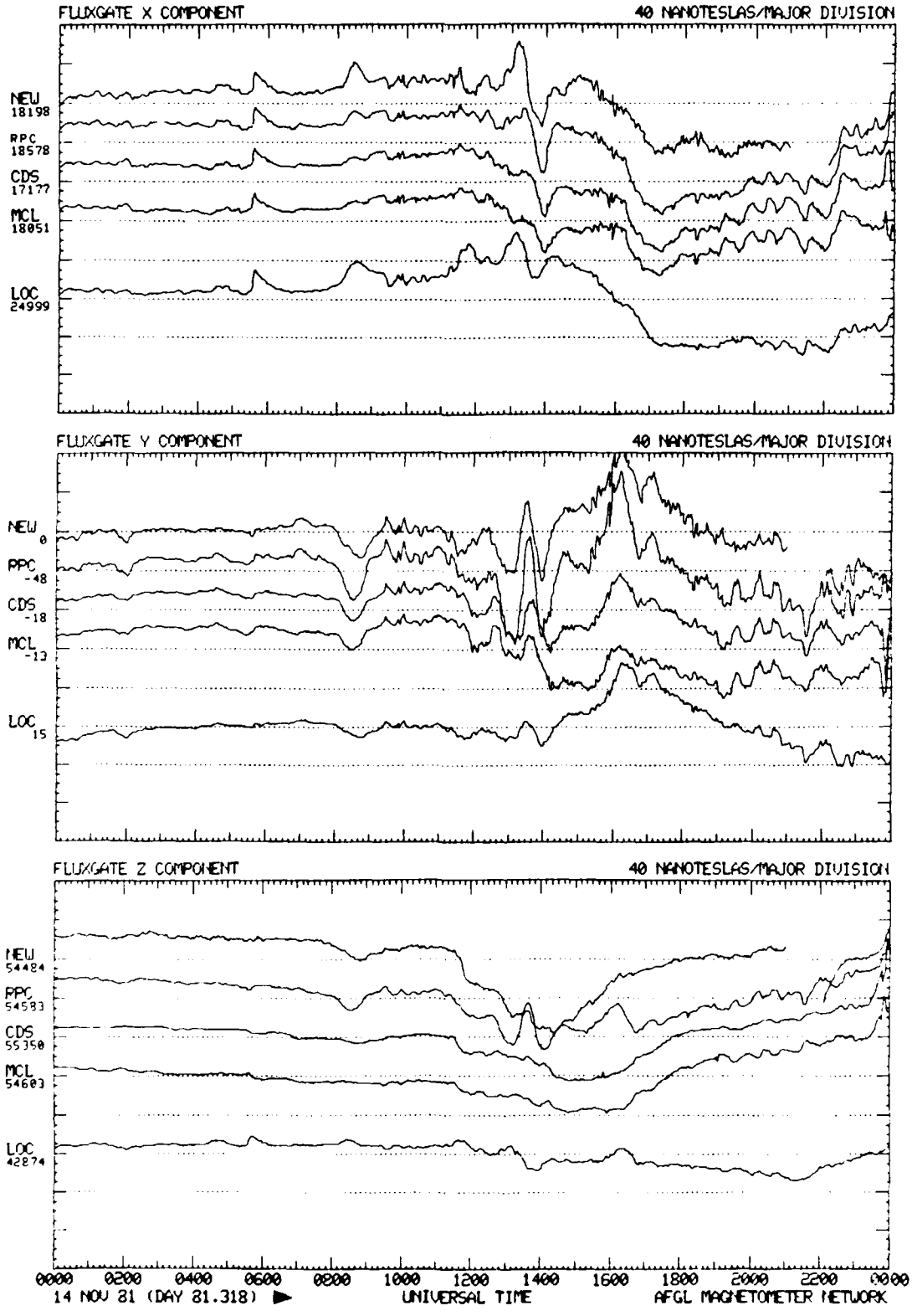

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18204
RPC
18578
CDS
17184
MCL
18055
LOC
25002
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
7
RPC
-37
CDS
-3
MCL
5
LOC
20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54486
RPC
54583
CDS
55353
MCL
54598
LOC
42866
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 NOV 81 (DAY 81.313)
UNIVERSAL TIME
AFGL MAGNETOMETER (ETUDAY

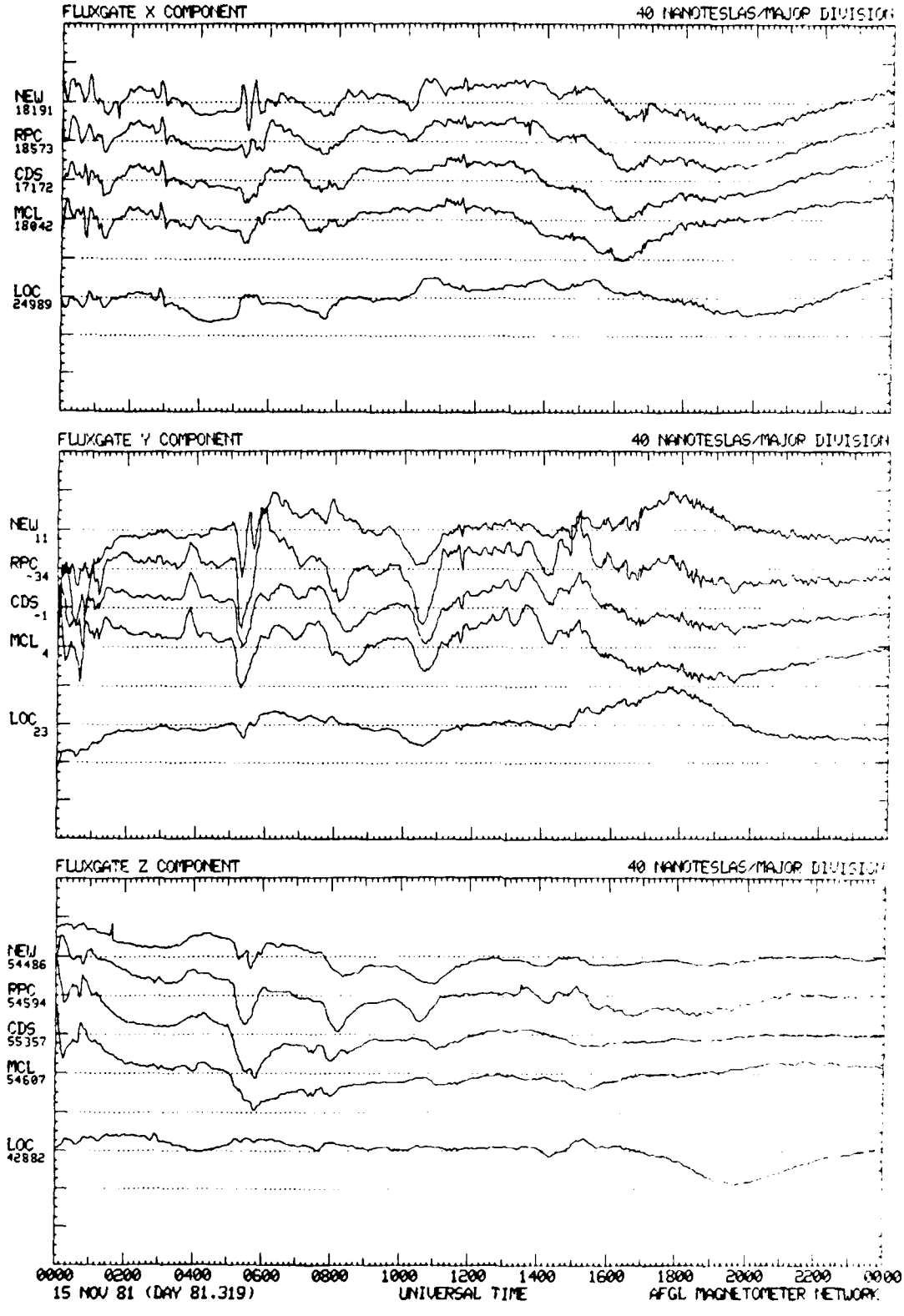

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18211
RPC
18532
CDS
17189
MCL
18061
LOC
25011
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
6
RPC
-38
CDS
-3
MCL
3
LOC
20
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54487
RPC
54535
CDS
55355
MCL
54596
LOC
42864
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 NOV 81 (DAY 81.314)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

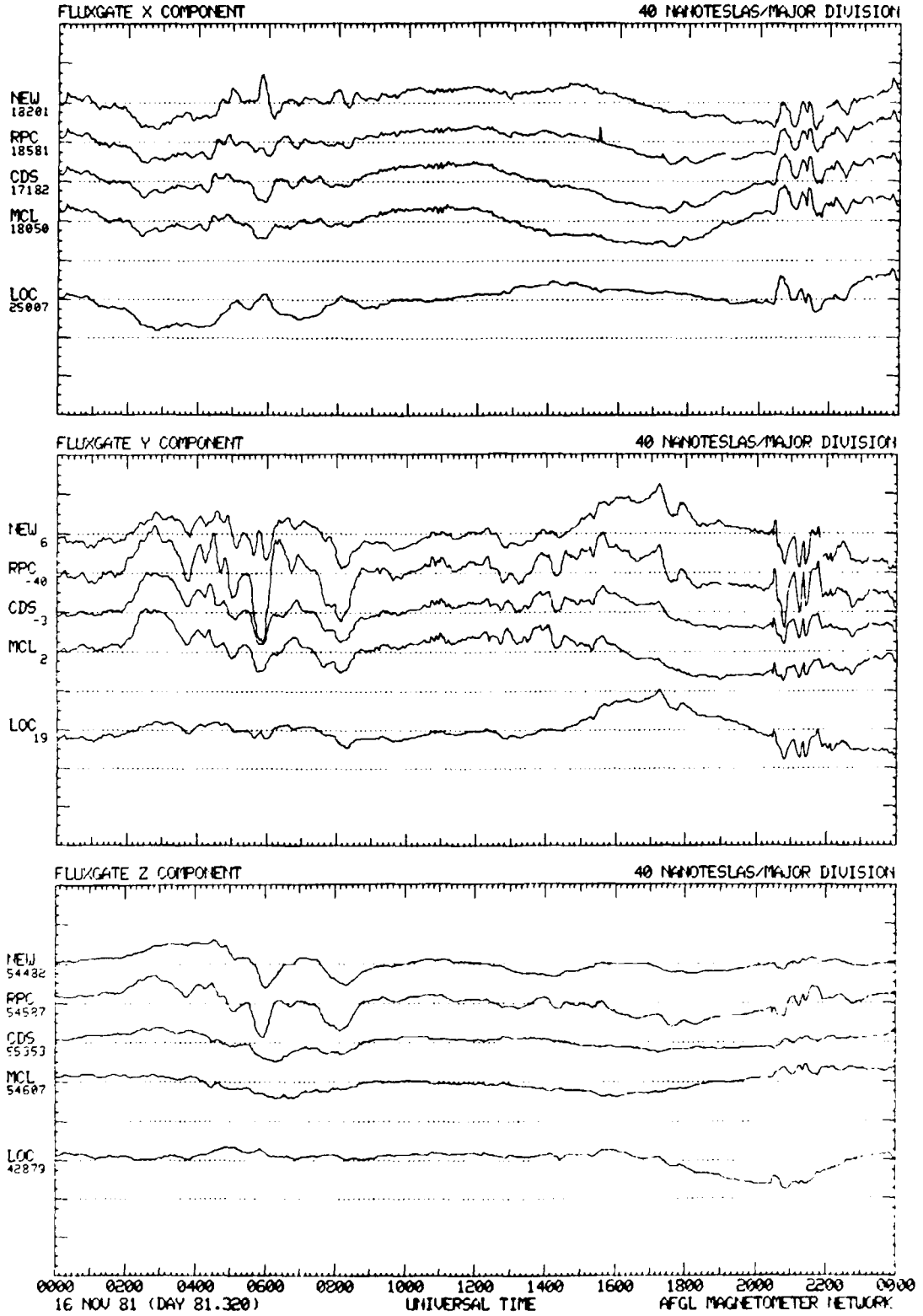

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18203
RPC
18580
CDS
17186
MCL
18051
LOC
25002
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
5
RPC
-36
CDS
-1
MCL
7
LOC
19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54484
RPC
54586
CDS
55363
MCL
54601
LOC
42869
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 NOV 81 (DAY 81.315)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

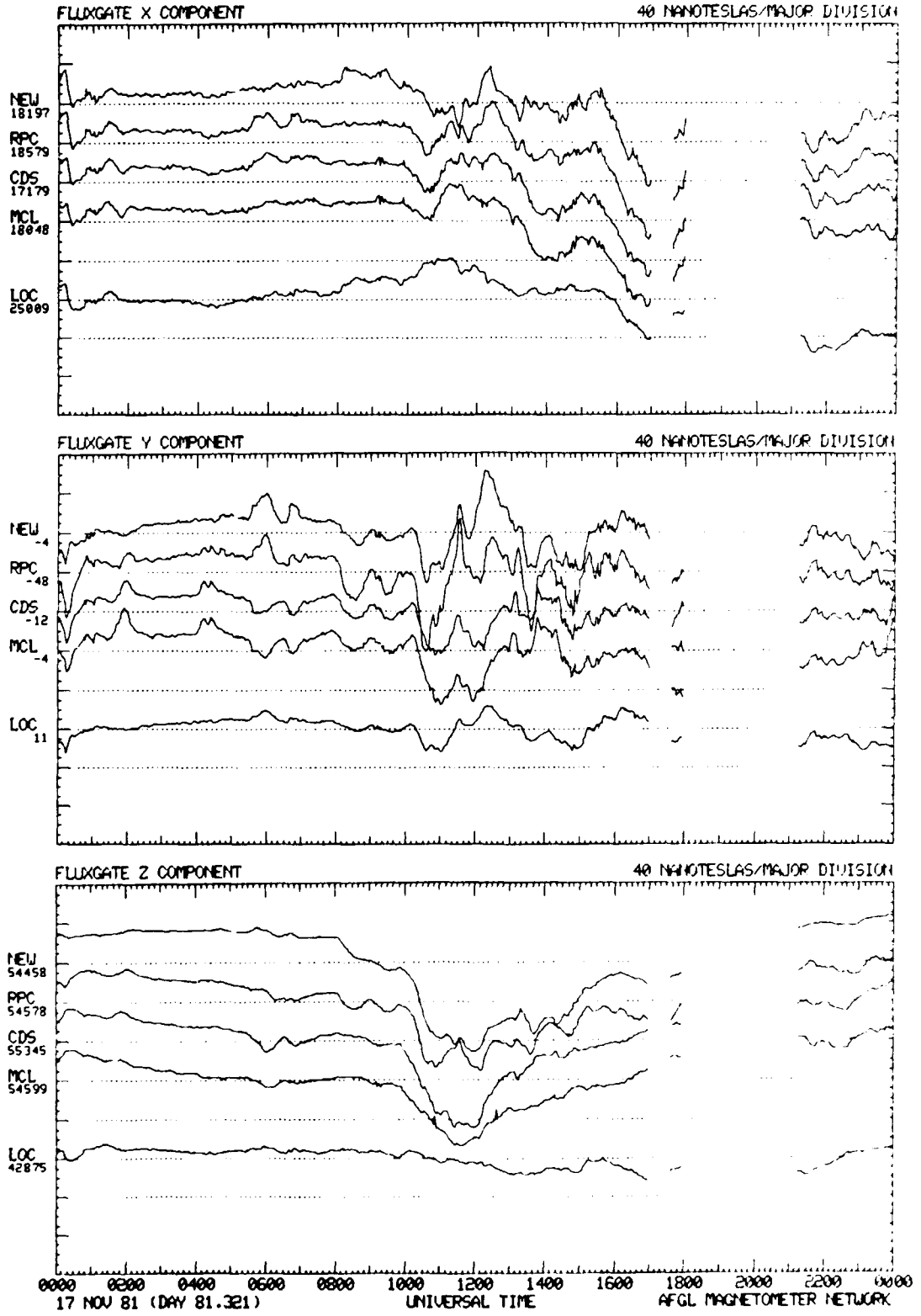

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18175
RPC
18548
CDS
17145
MCL
18016
LOC
24954
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
24
RPC
-21
CDS
13
MCL
17
LOC
27
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54527
RPC
54608
CDS
55361
MCL
54598
LOC
42383
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
12 NOV 81 (DAY 81.316)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

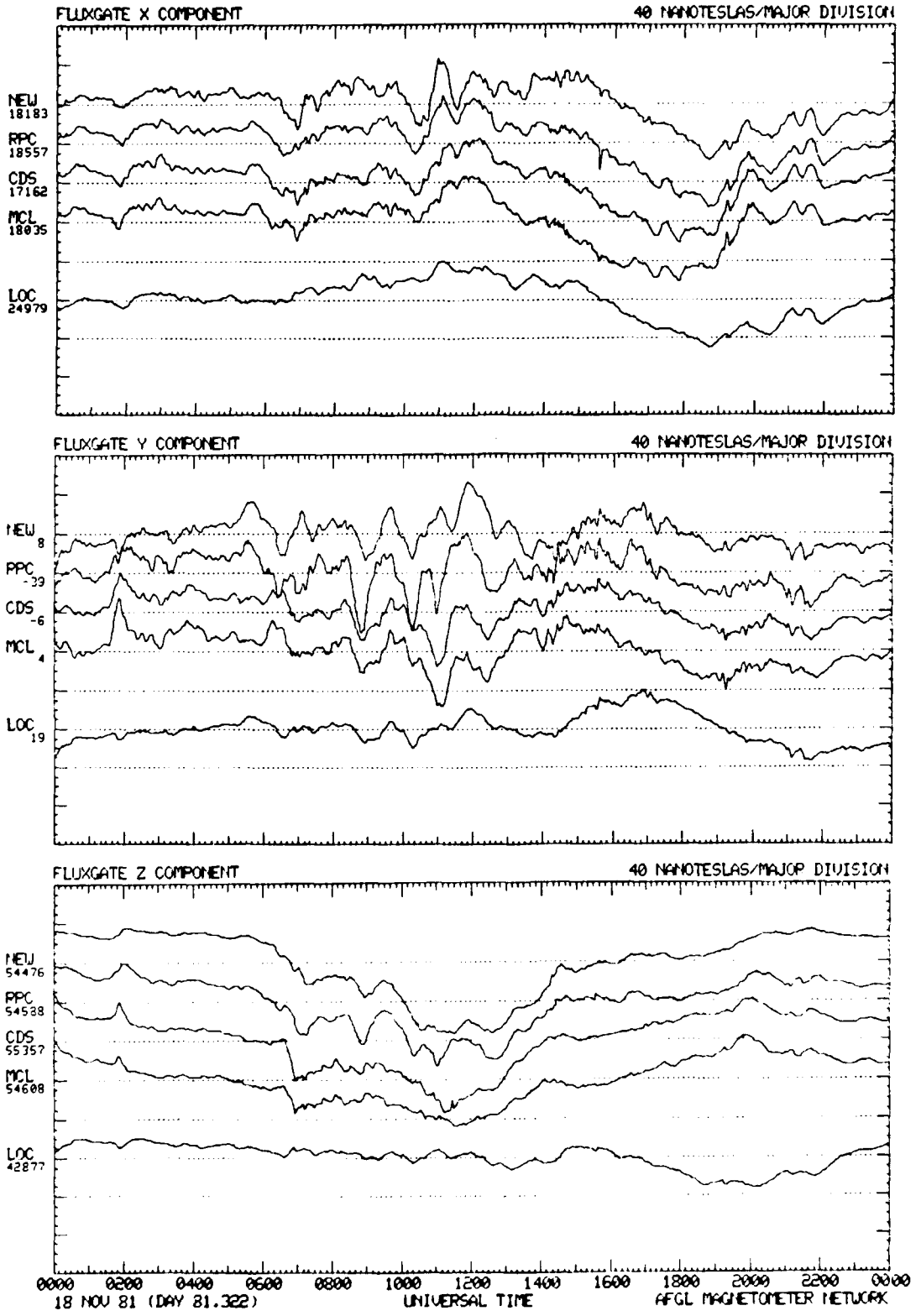

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18191
RPC
18572
CDS
17168
MCL
18041
LOC
24985
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12
RPC
-36
CDS
-4
MCL
LOC
23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54513
RPC
54599
CDS
55360
MCL
54607
LOC
42878
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 NOV 81 (DAY 81.317)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

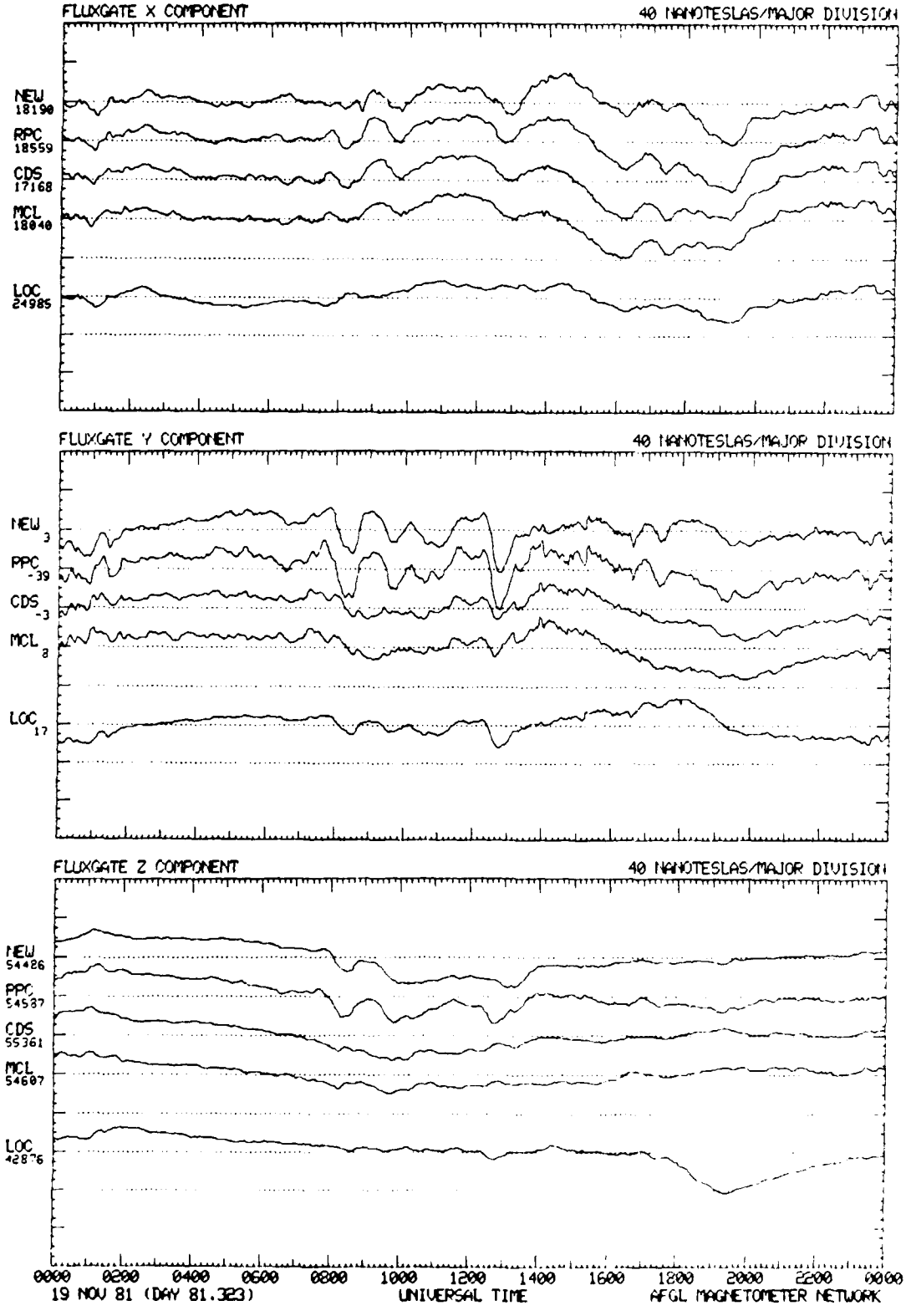

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18198
RPC
18578
CDS
17177
MCL
18051
LOC
24999
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
0
PPC
-48
CDS
-18
MCL
-13
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54484
PPC
54583
CDS
55350
MCL
54603
LOC
42874
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 NOV 81 (DAY 81.318)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

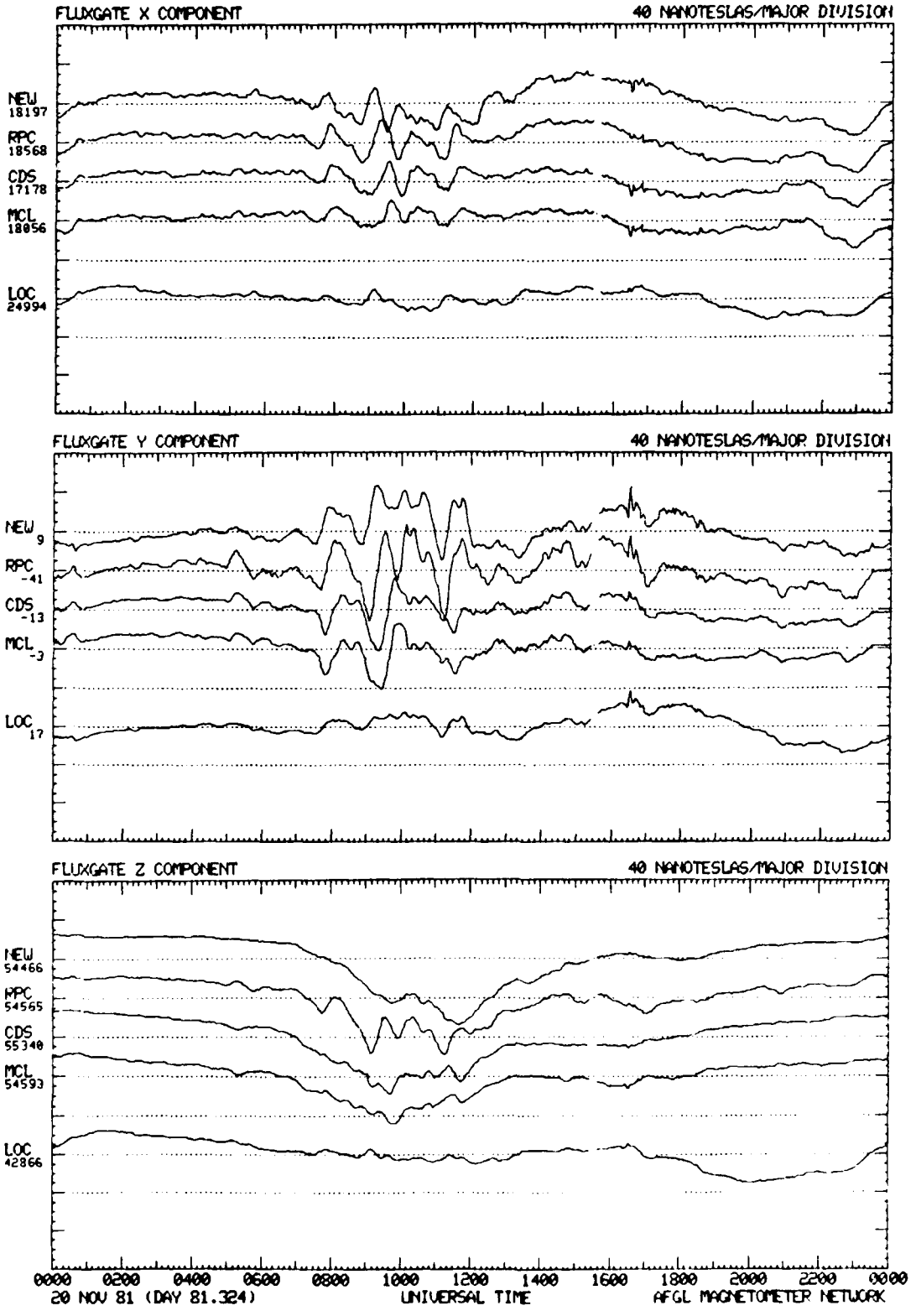

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18191
RPC
18573
CDS
17172
MCL
18042
LOC
24989
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
11
RPC
-34
CDS
-1
MCL
4
LOC
23
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54486
RPC
54594
CDS
55357
MCL
54607
LOC
42882
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 NOV 81 (DAY 81.319)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

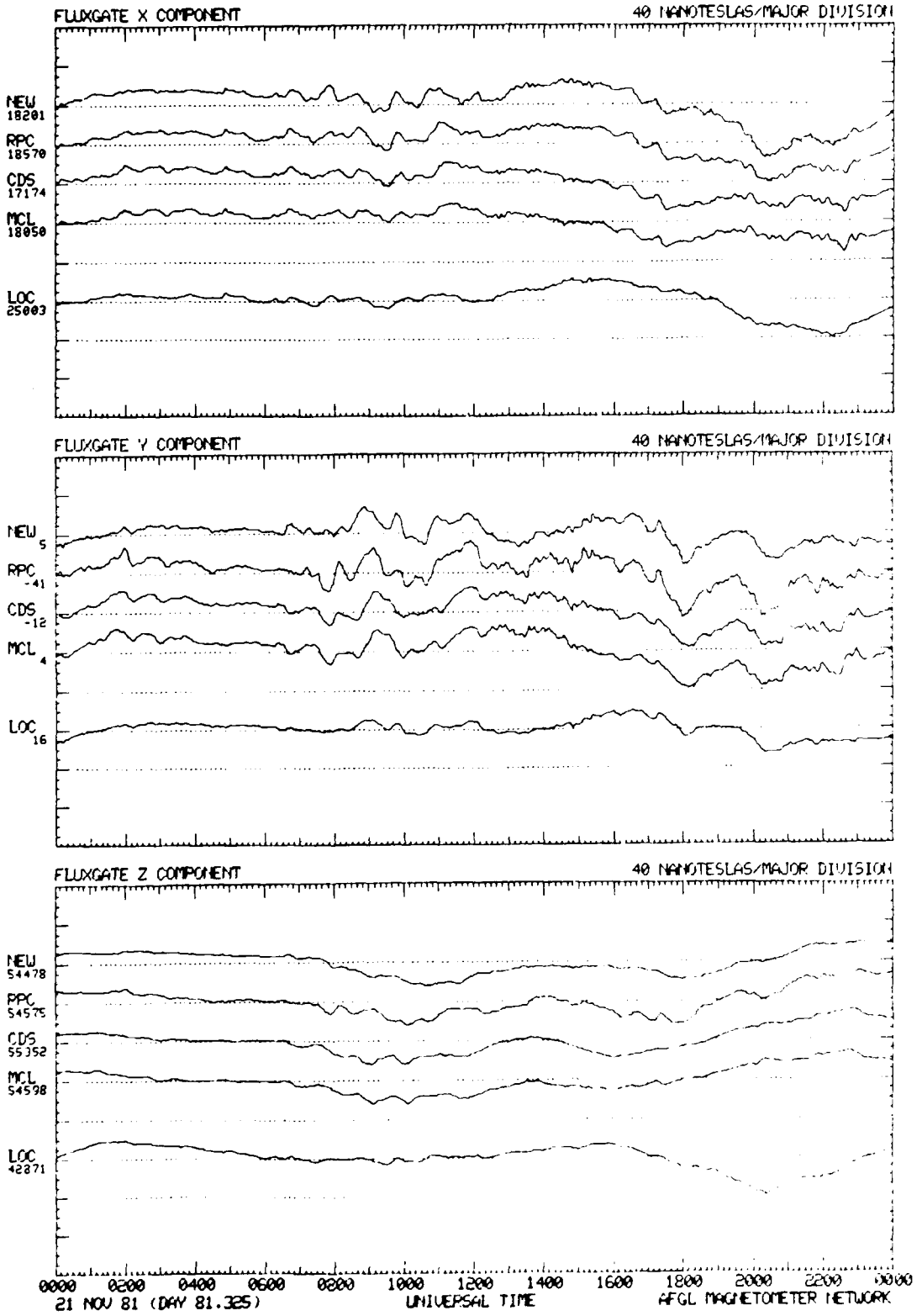

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18201
RPC
18581
CDS
17182
MCL
18050
LOC
25007
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
6
RPC
-40
CDS
-3
MCL
2
LOC
19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54482
RPC
54527
CDS
55353
MCL
54607
LOC
42879
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 NOV 81 (DAY 81.320)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

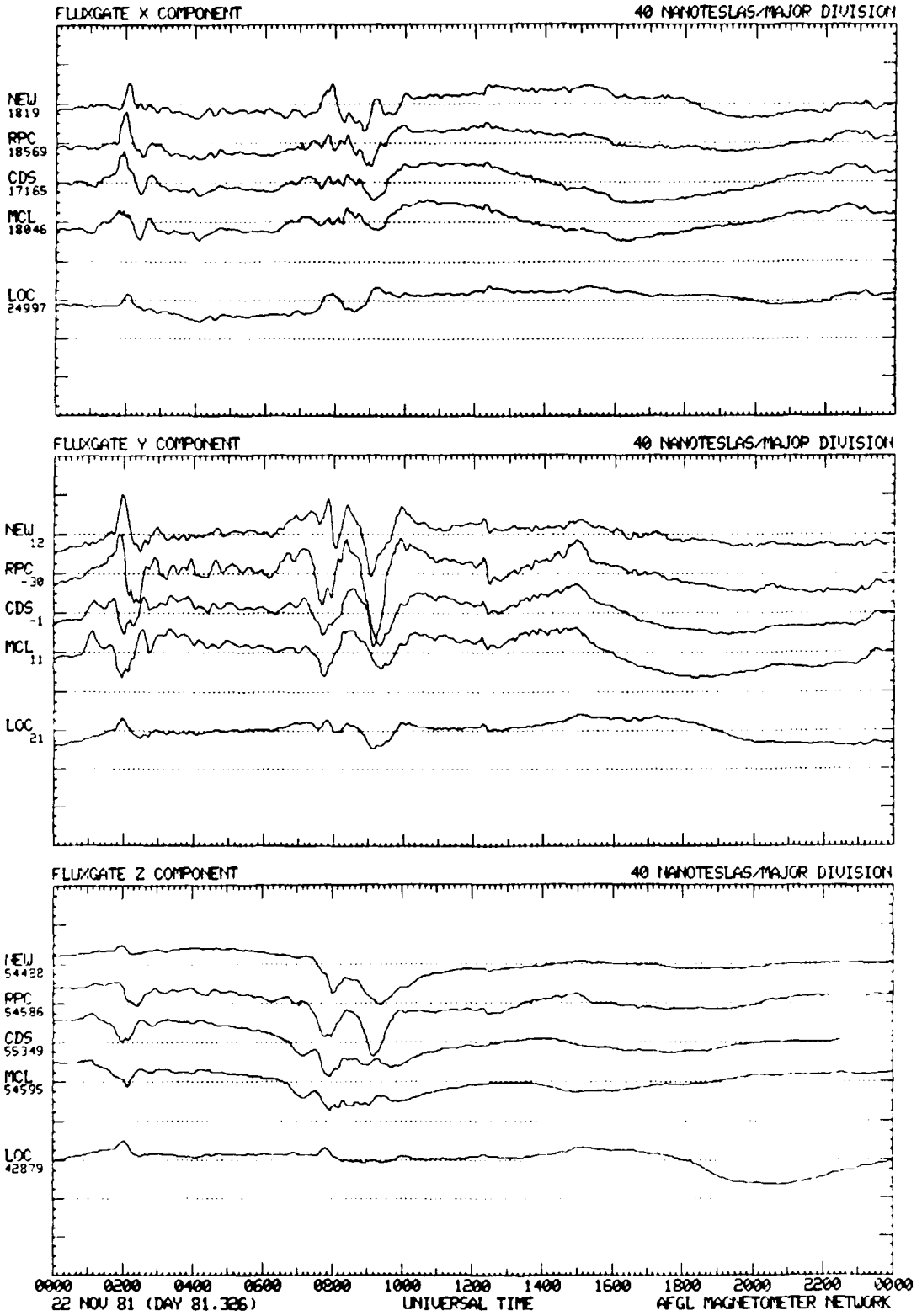

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18197
RPC
18579
CDS
17179
MCL
18048
LOC
25009
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-4
RPC
-48
CDS
-12
MCL
-4
LOC
11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54458
RPC
54578
CDS
55345
MCL
54599
LOC
42875
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 NOV 81 (DAY 81.321)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

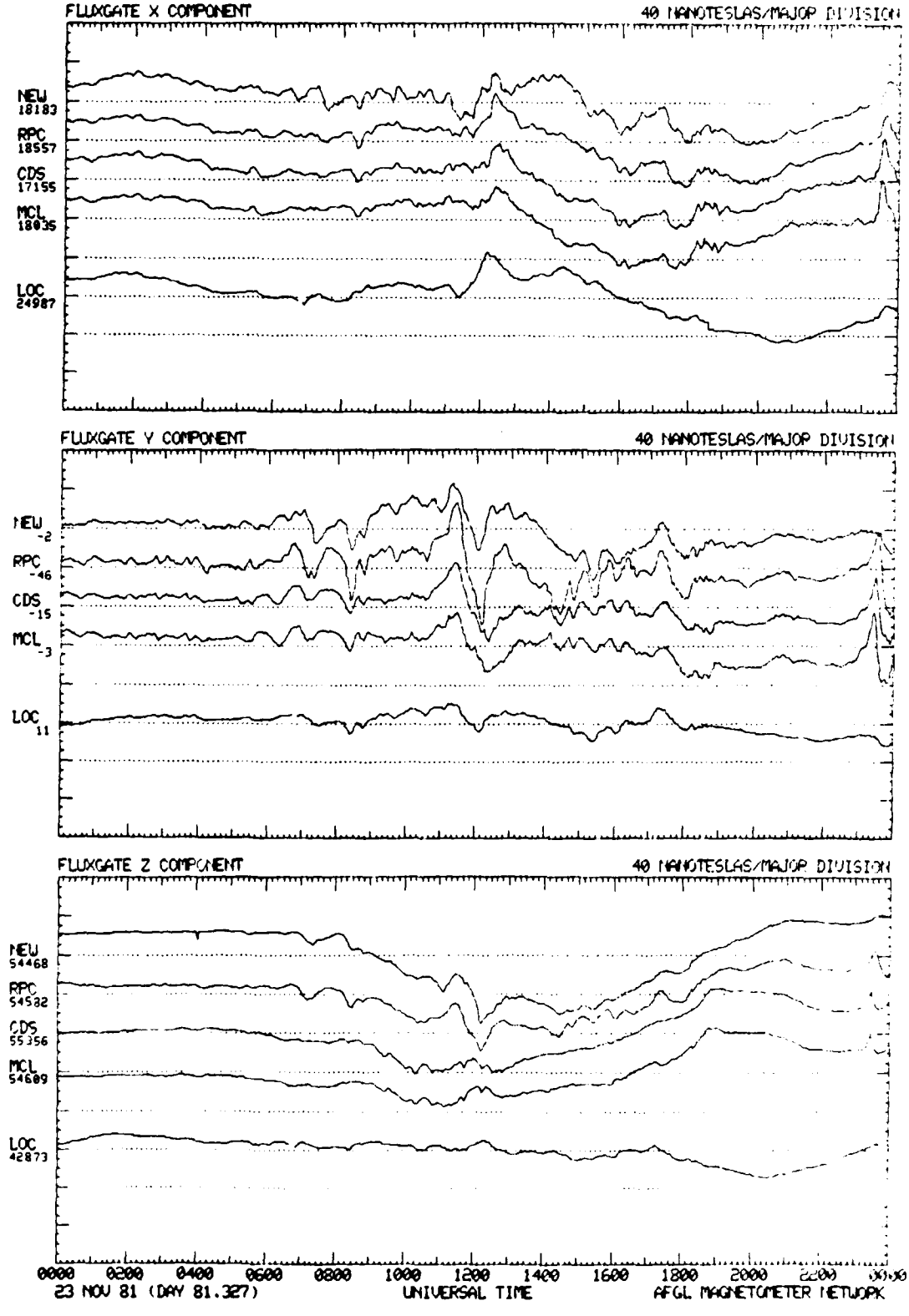

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18183
RPC
18557
CDS
17162
MCL
18035
LOC
24979
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
8
RPC
-39
CDS
-6
MCL
4
LOC
19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54476
RPC
54538
CDS
55357
MCL
54608
LOC
42877
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 NOV 81 (DAY 81.322)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

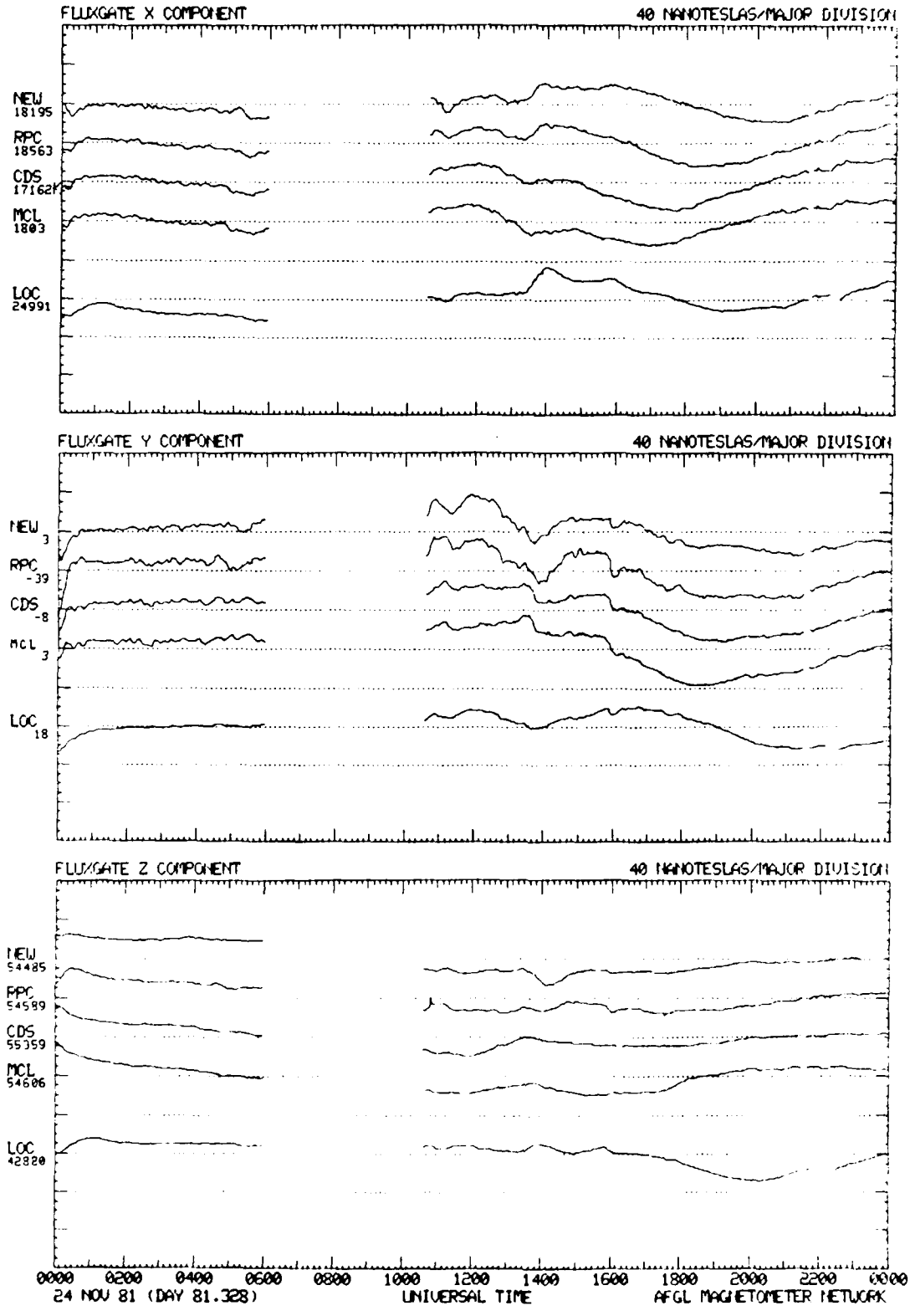

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18190
RPC
18559
CDS
17168
MCL
18040
LOC
24985
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
3
PPC
-39
CDS
-3
MCL
8
LOC
17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54486
PPC
54587
CDS
55361
MCL
54607
LOC
42876
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 NOV 81 (DAY 81.323)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

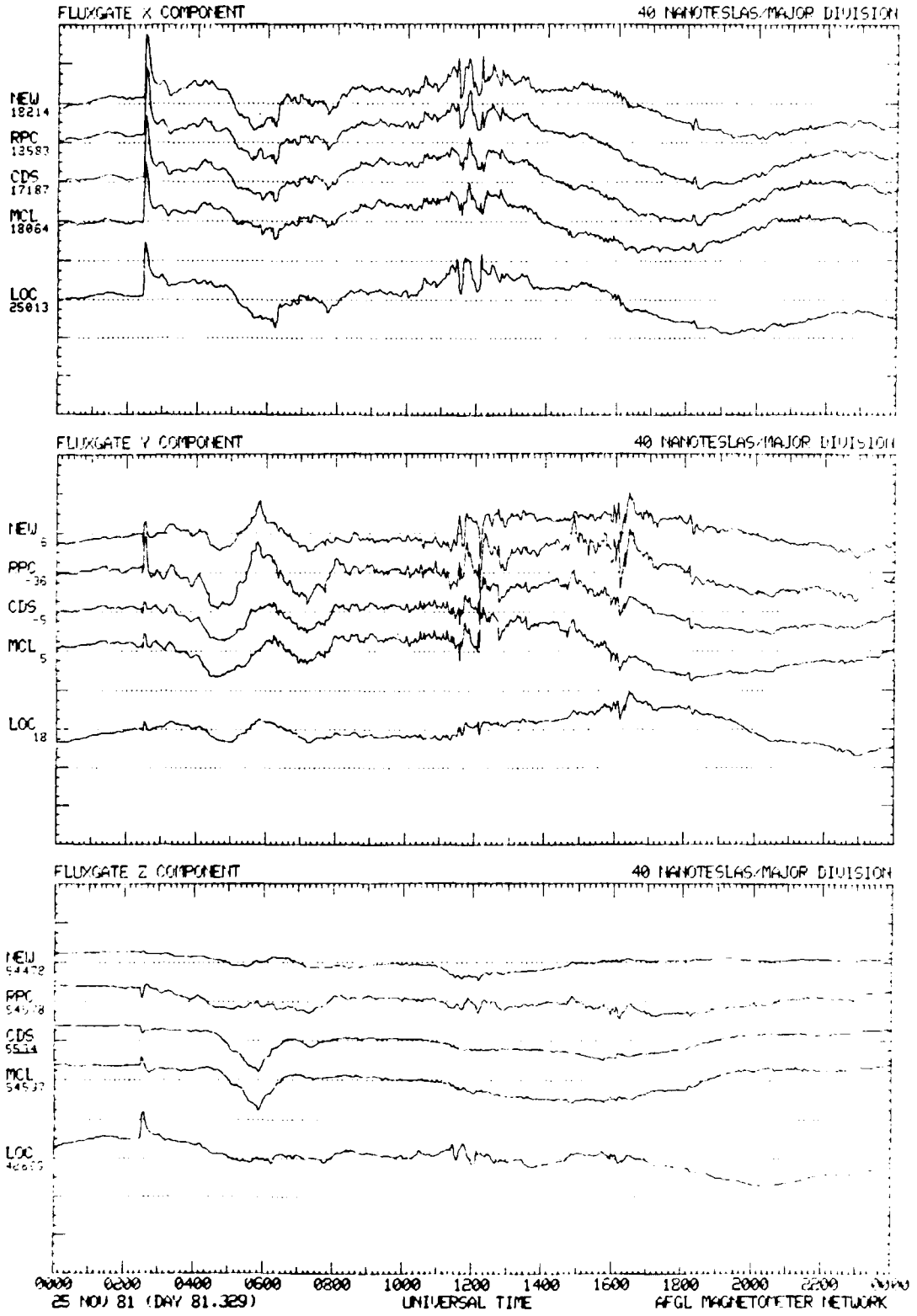

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18197
RPC
18568
CDS
17178
MCL
18056
LOC
24994
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
9
RPC
-41
CDS
-13
MCL
-3
LOC
17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54466
RPC
54565
CDS
55340
MCL
54593
LOC
42866
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 NOV 81 (DAY 81.324)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

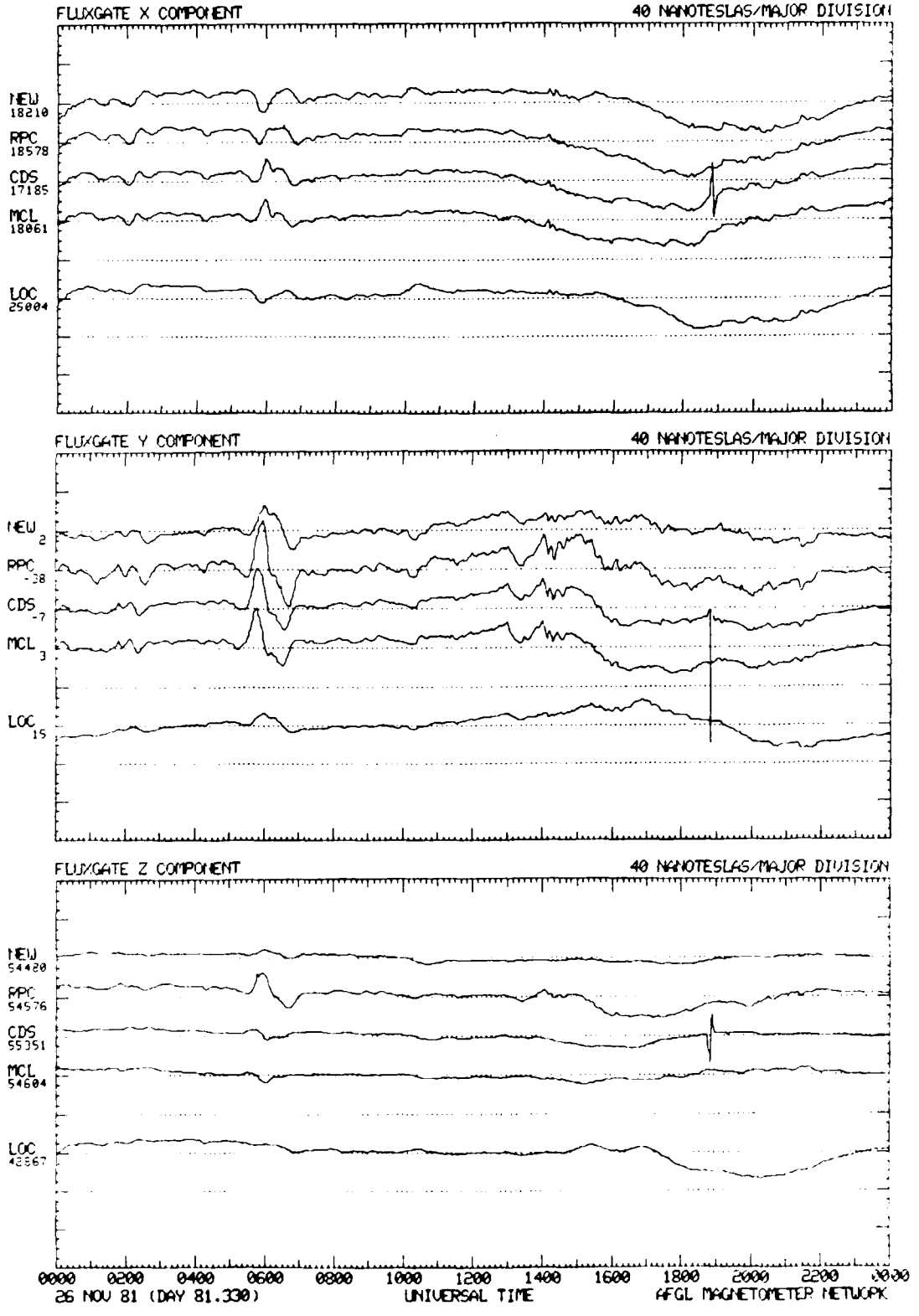

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18201
RPC
18570
CDS
17174
MCL
18050
LOC
25003
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
5
RPC
-41
CDS
-12
MCL
4
LOC
16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54575
CDS
55352
MCL
54598
LOC
42871
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 NOV 81 (DAY 81.325)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

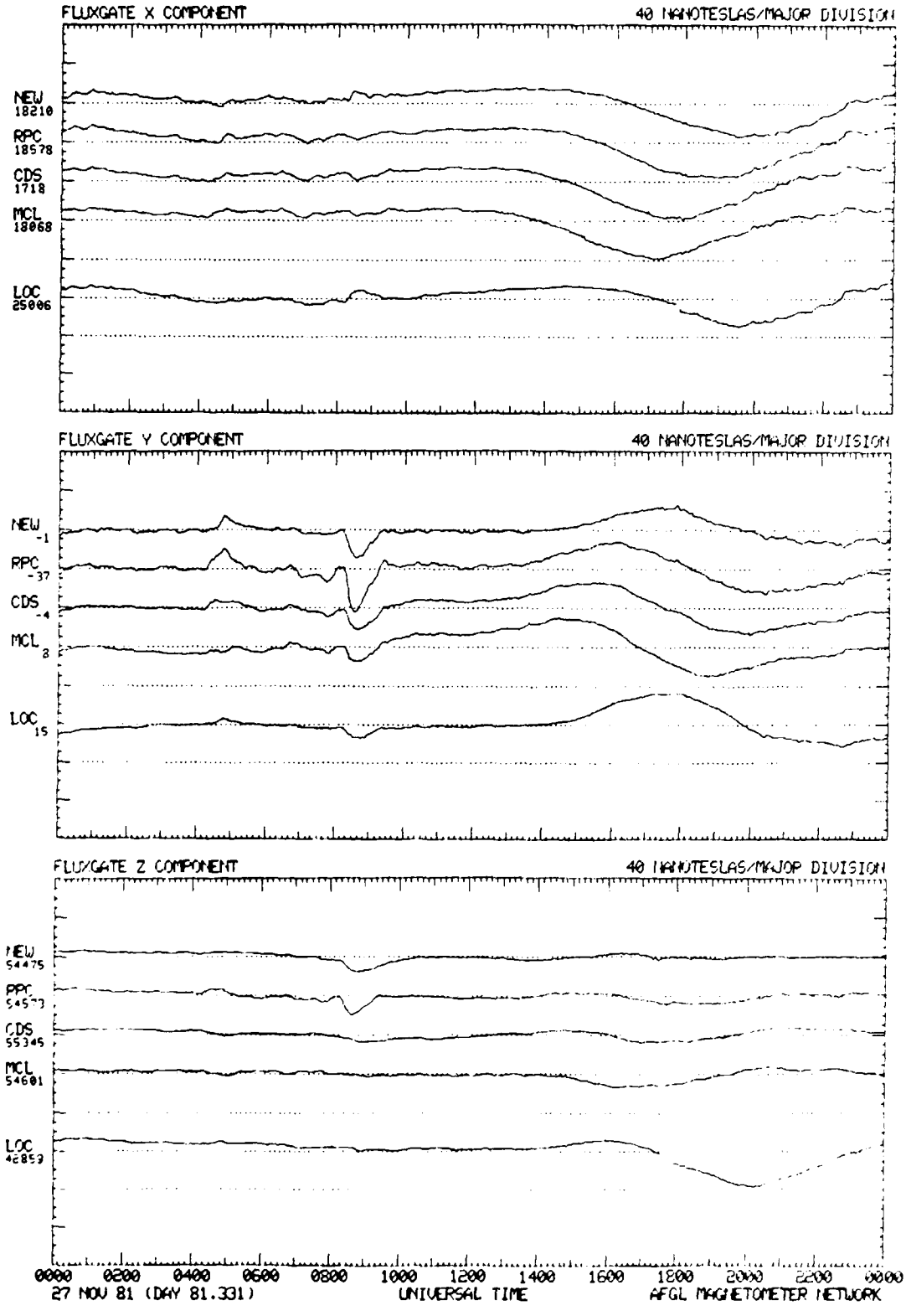

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 1819
RPC 18569
CDS 17165
MCL 18046
LOC 24997
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 12
RPC -30
CDS -1
MCL 11
LOC 21
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54432
RPC 54586
CDS 55349
MCL 54595
LOC 42879
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 NOV 81 (DAY 81.326)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

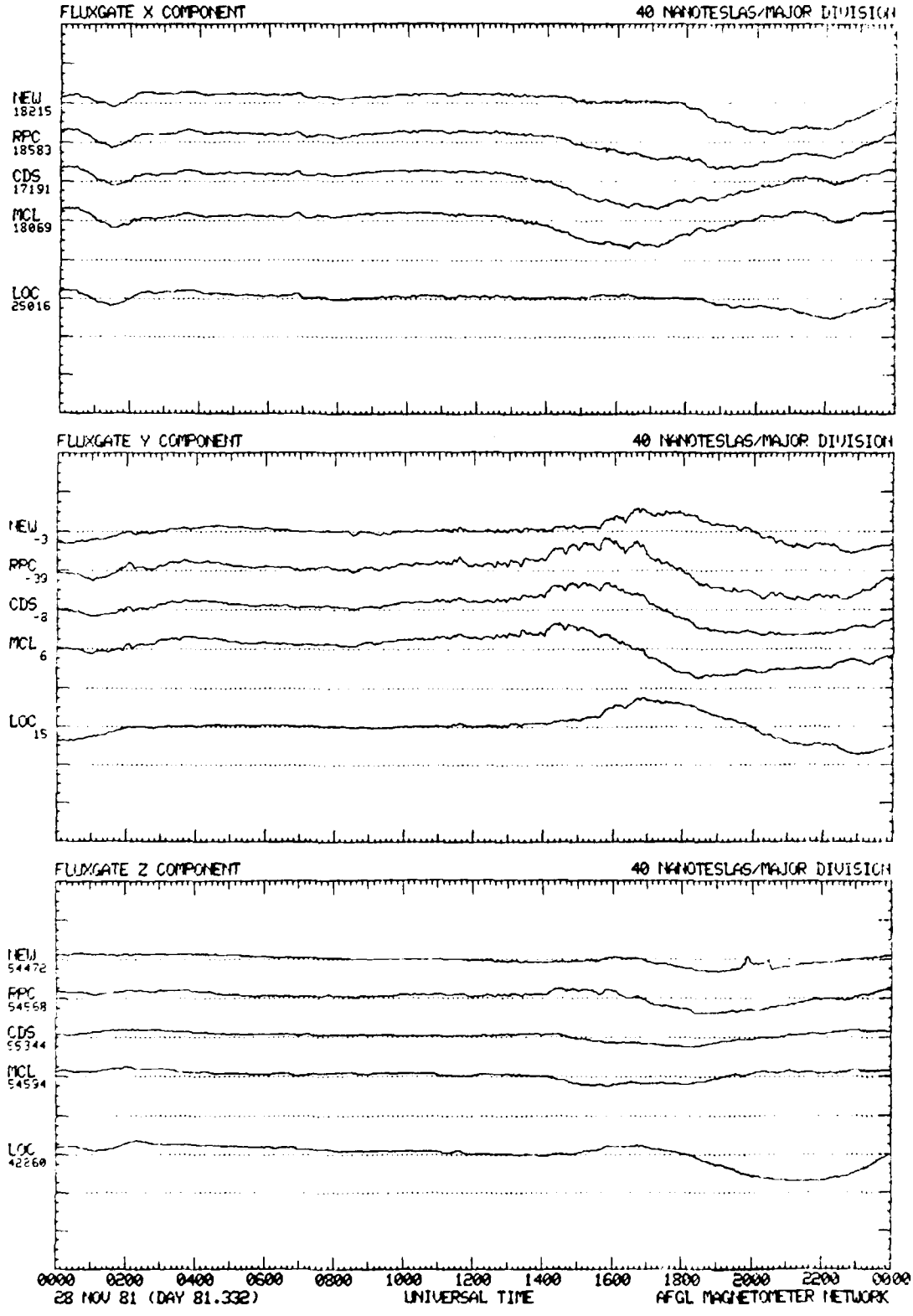

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18183
RPC
18557
CDS
17155
MCL
18035
LOC
24987
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-2
RPC
-46
CDS
-15
MCL
-3
LOC
11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54468
RPC
54582
CDS
55356
MCL
54609
LOC
42873
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
23 NOV 81 (DAY 81.327)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

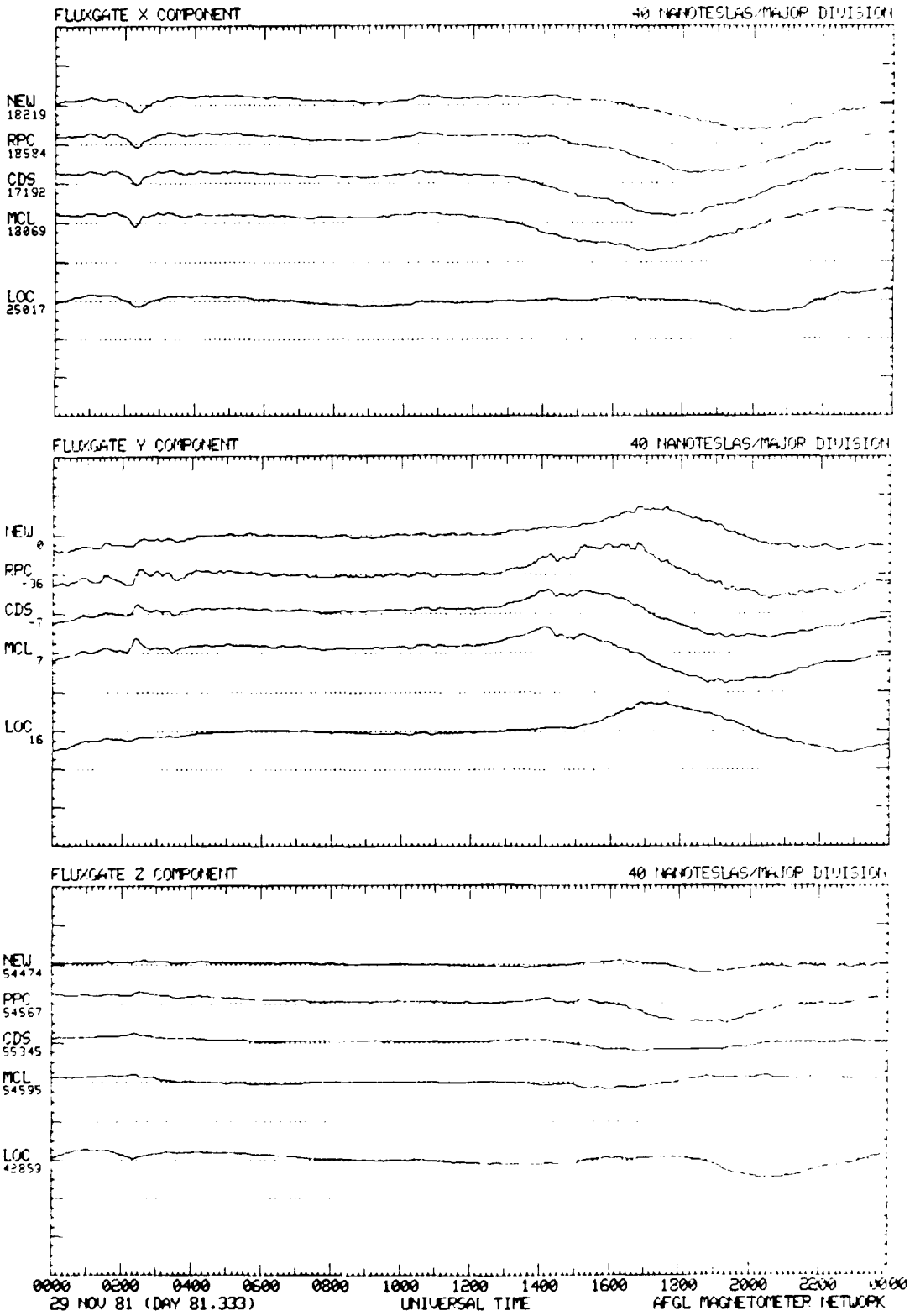

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18195
RPC
18563
CDS
17162
MCL
1803
LOC
24991
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
3
RPC
-39
CDS
-8
MCL
3
LOC
18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54485
RPC
54589
CDS
55359
MCL
54606
LOC
42820
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 NOV 81 (DAY 81.328)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

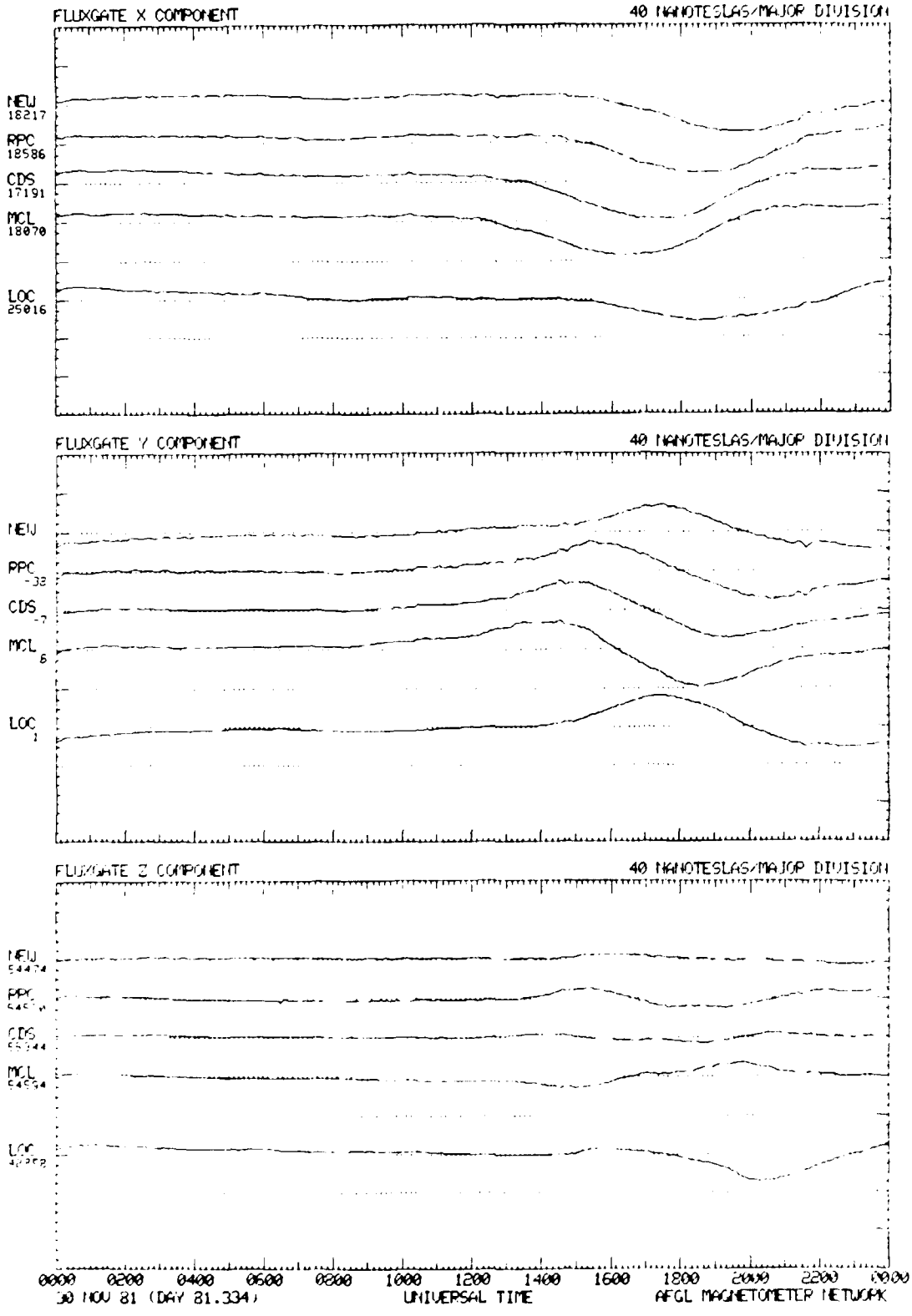

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
RPC
13583
CDS
17187
MCL
18064
LOC
25013
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
6
RPC
-36
CDS
-5
MCL
5
LOC
18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
RPC
CDS
MCL
LOC
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200
25 NOV 81 (DAY 81.329)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

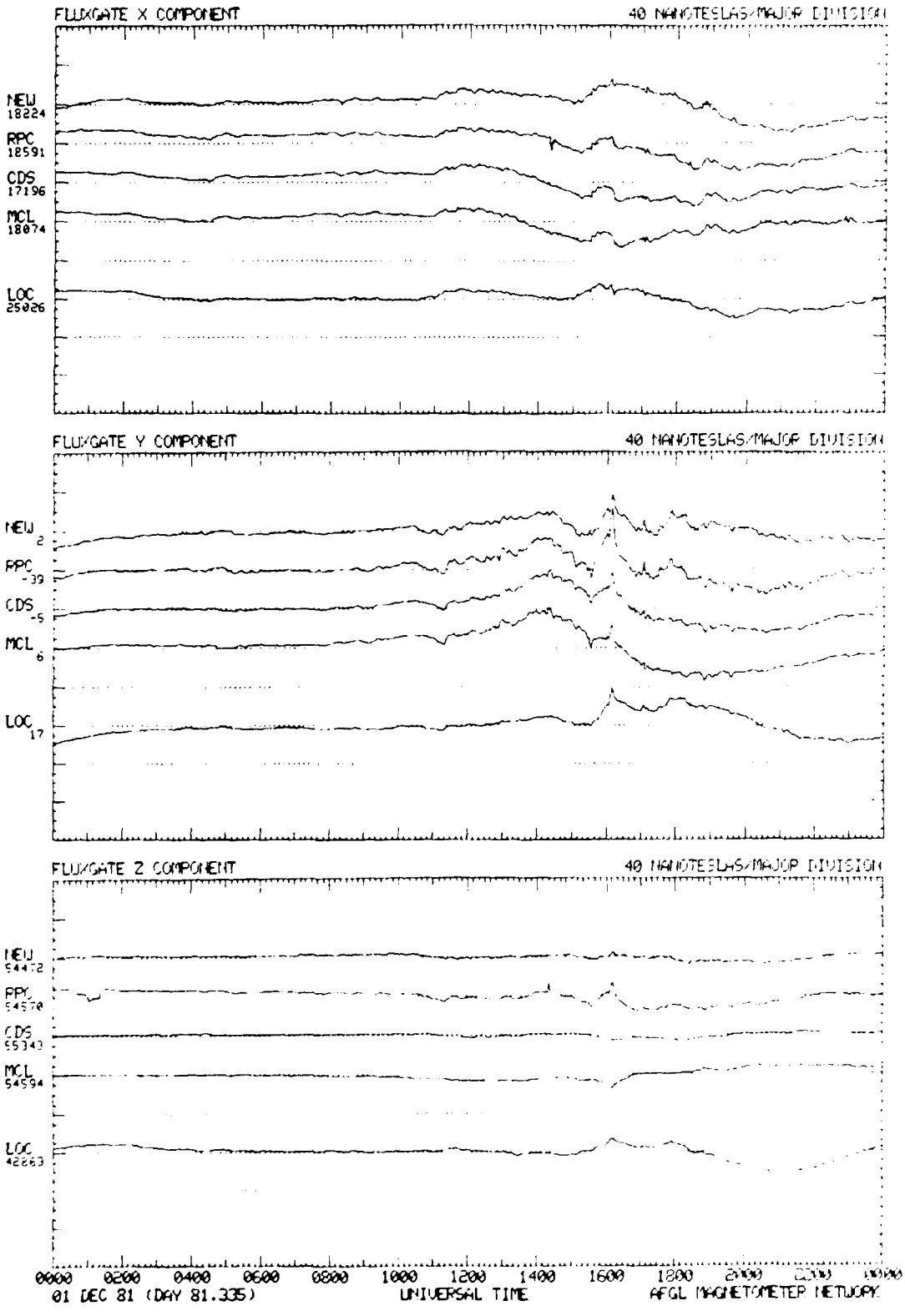

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18210
RPC
18578
CDS
17185
MCL
18061
LOC
25004
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
2
RPC
-28
CDS
-7
MCL
3
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54420
RPC
54576
CDS
55351
MCL
54604
LOC
42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 NOV 81 (DAY 81.330)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

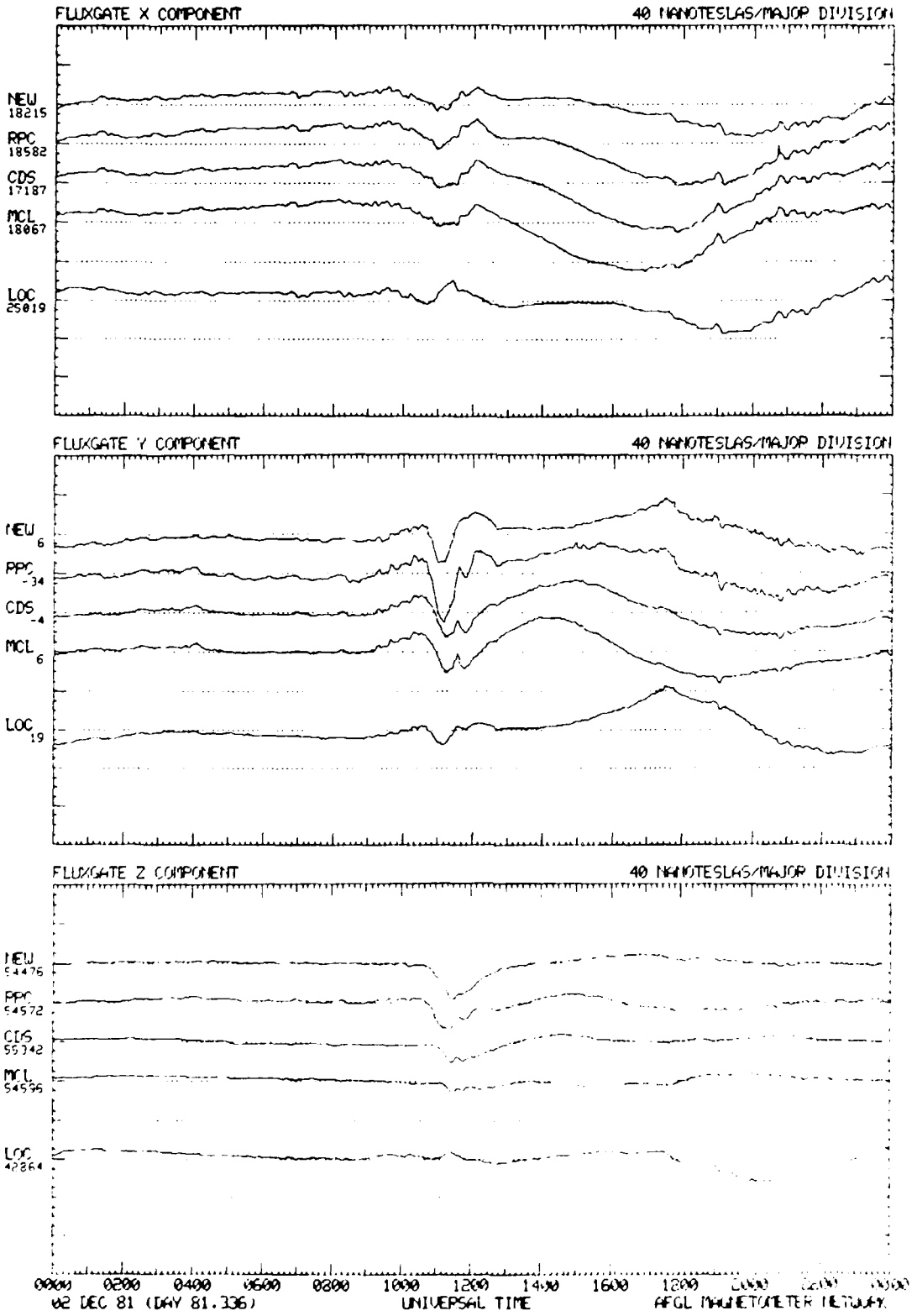

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18210
RPC
18578
CDS
1718
MCL
18068
LOC
25006
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-1
RPC
-37
CDS
-4
MCL
8
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54475
RPC
54573
CDS
55345
MCL
54601
LOC
42859
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 NOV 81 (DAY 81.331)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18215
RPC
18583
CDS
17191
MCL
18069
LOC
25016
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-3
RPC
-39
CDS
-8
MCL
6
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54472
RPC
54568
CDS
55344
MCL
54594
LOC
42260
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 NOV 81 (DAY 81.332)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18219
RPC
18584
CDS
17192
MCL
18069
LOC
25017
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
0
RPC
-36
CDS
-7
MCL
7
LOC
16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54474
RPC
54567
CDS
55345
MCL
54595
LOC
49859
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 NOV 81 (DAY 81.333)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18217
PPC
18586
CDS
17191
MCL
18070
LOC
25016
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
-38
CDS
-7
MCL
6
LOC
1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
CDS
MCL
LOC
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
2400
30 NOV 81 (DAY 81.334)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18224
RPC
18591
CDS
17196
MCL
18074
LOC
25026
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
2
RPC
-39
CDS
-5
MCL
6
LOC
17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
94472
RPC
94570
CDS
95343
MCL
94594
LOC
42863
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
01 DEC 81 (DAY 81.335)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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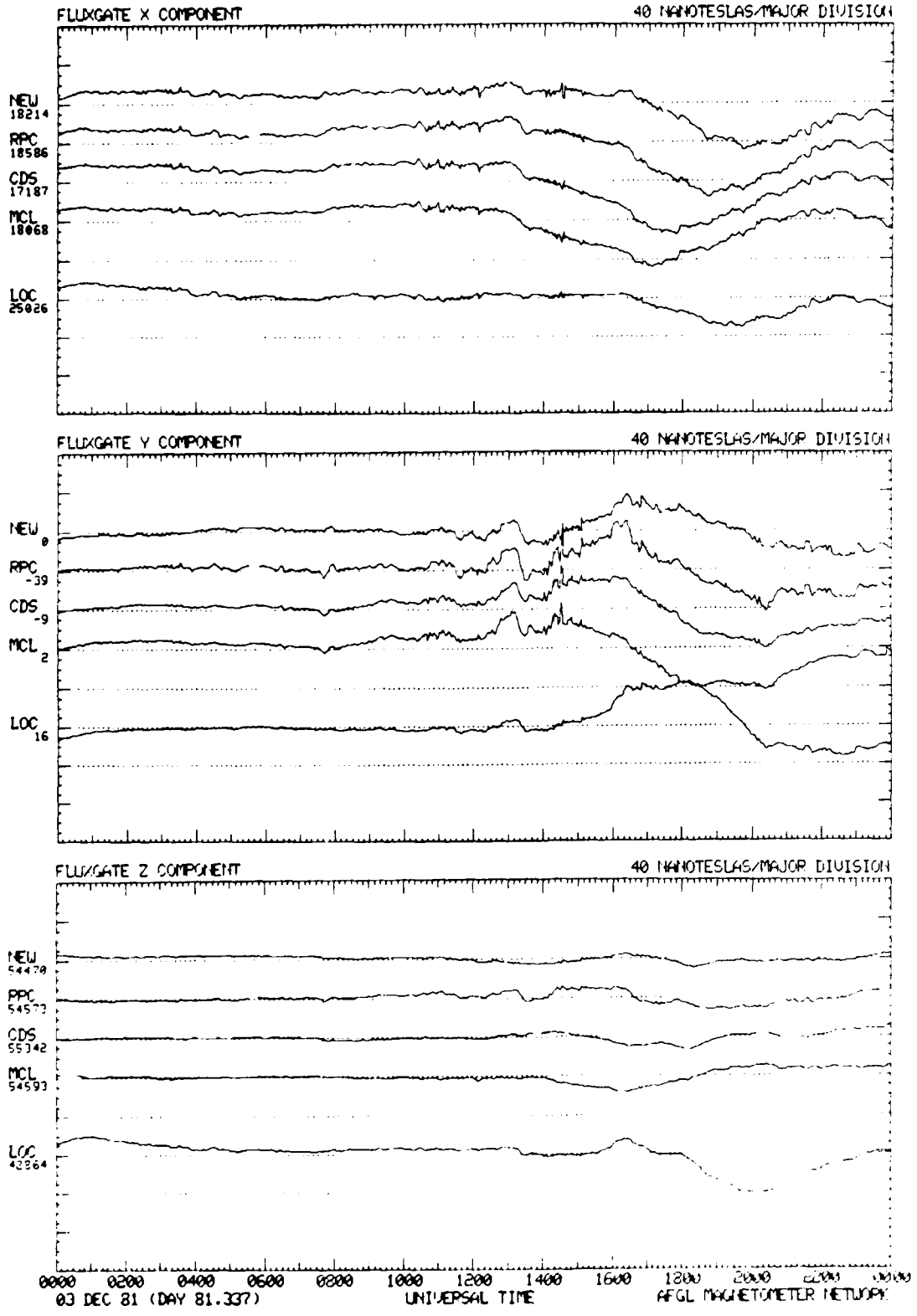
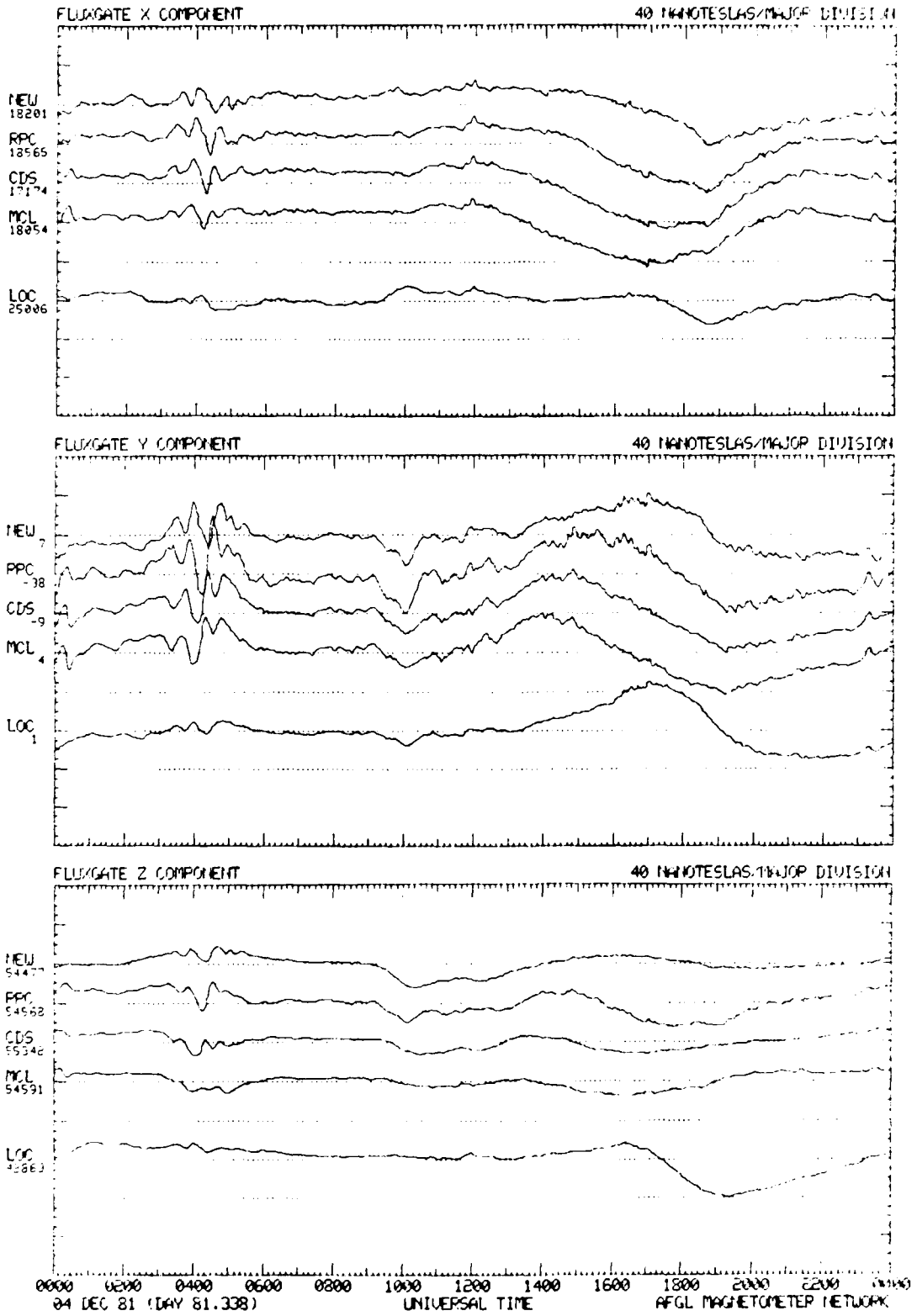
NEW
18215
RPC
18582
CDS
17187
MCL
18067
LOC
25019
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
6
RPC
-34
CDS
-4
MCL
6
LOC
19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54476
RPC
54572
CDS
55342
MCL
54596
LOC
42864
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
02 DEC 81 (DAY 81.336)
UNIVERSAL TIME
AFGL MAGNETOMETER RETRIEVAL


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
RPC
18586
CDS
17187
MCL
18068
LOC
25026
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
0
RPC
-39
CDS
-9
MCL
2
LOC
16
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54470
RPC
54573
CDS
55342
MCL
54593
LOC
42364
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200
03 DEC 81 (DAY 81.337)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18201
RPC
18565
CDS
17174
MCL
18054
LOC
25006
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
7
PPC
-38
CDS
-9
MCL
4
LOC
1
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54477
PPC
54562
CDS
55346
MCL
54591
LOC
55863
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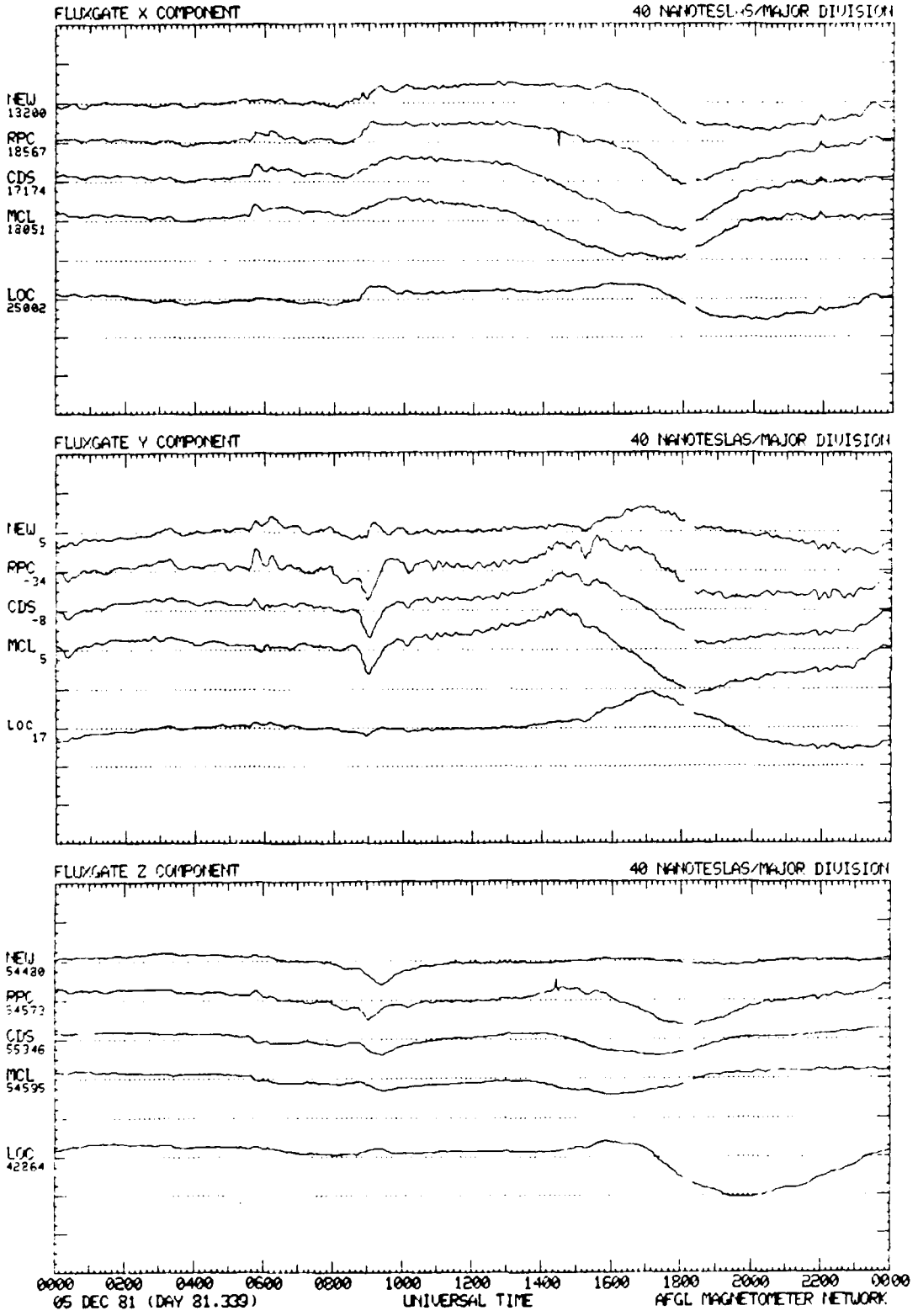
04 DEC 81 (DAY 81.338)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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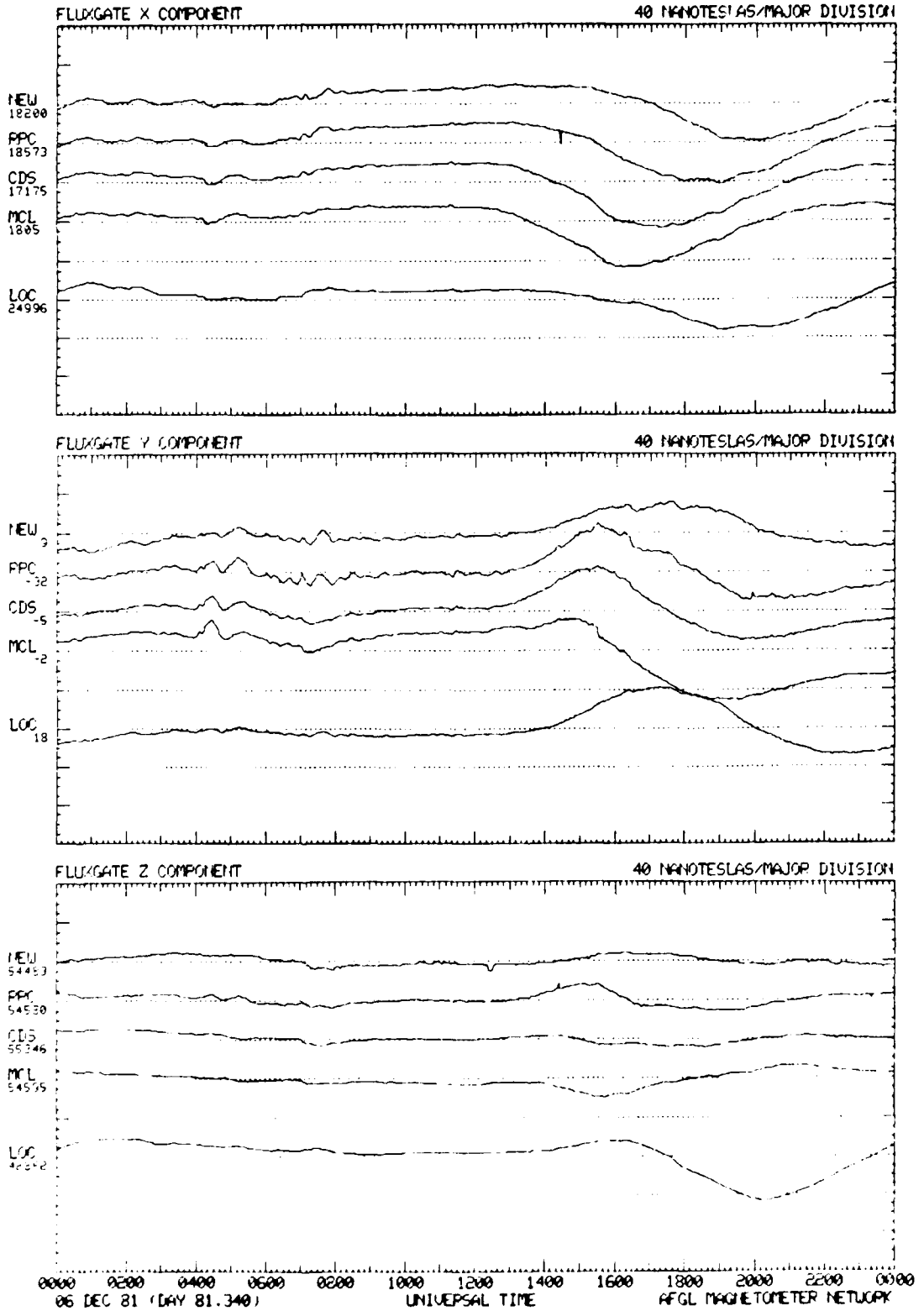
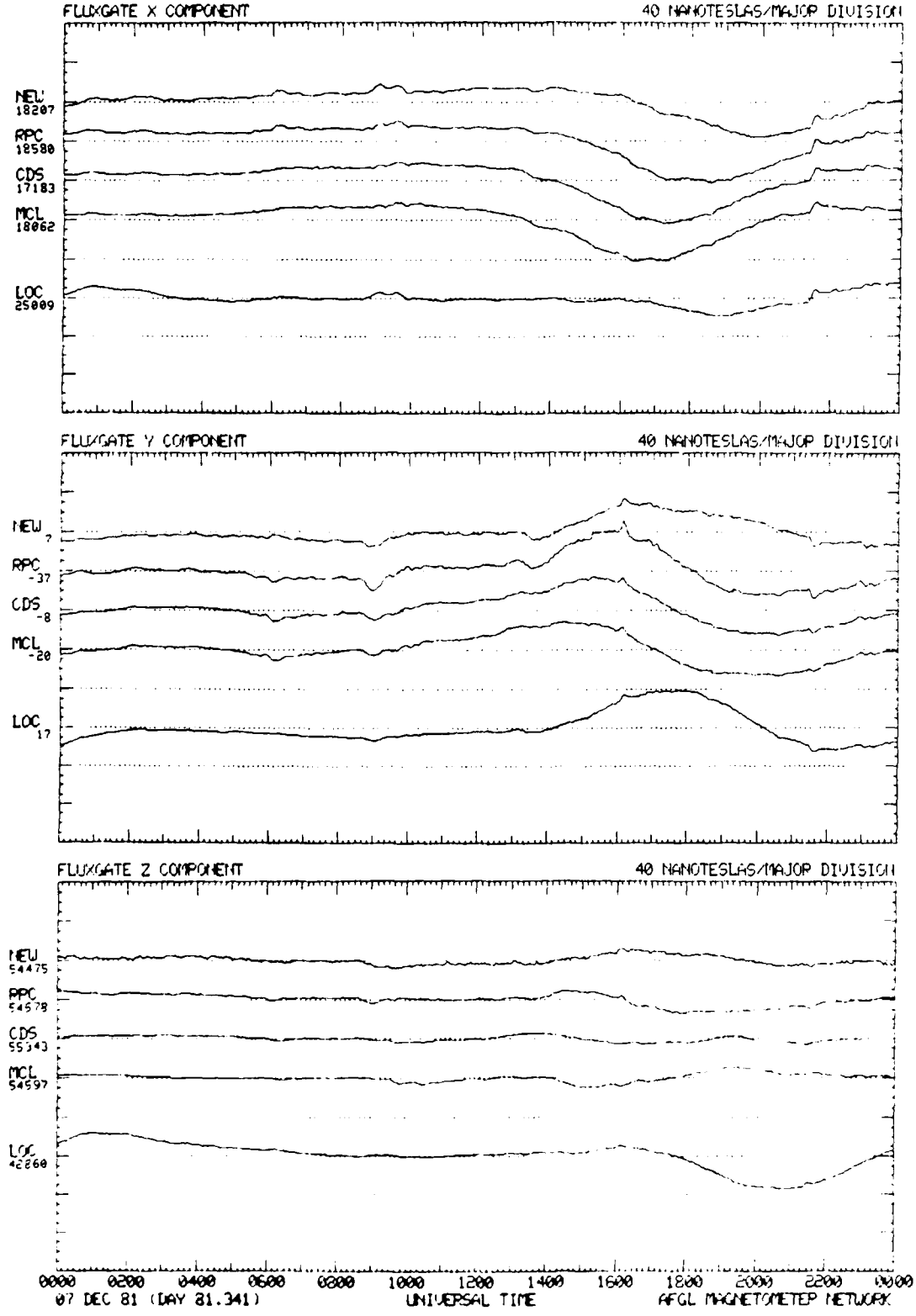
NEW
13200
RPC
18567
CDS
17174
MCL
18051
LOC
25082
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
5
RPC
-34
CDS
-8
MCL
5
LOC
17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54480
RPC
54573
CDS
55346
MCL
54595
LOC
42864
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 DEC 81 (DAY 81.339)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18200
PPC
18573
CDS
17175
MCL
1805
LOC
24996
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
9
PPC
-32
CDS
-5
MCL
-2
LOC
18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54483
PPC
54530
CDS
55346
MCL
54595
LOC
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 DEC 81 (DAY 81.340)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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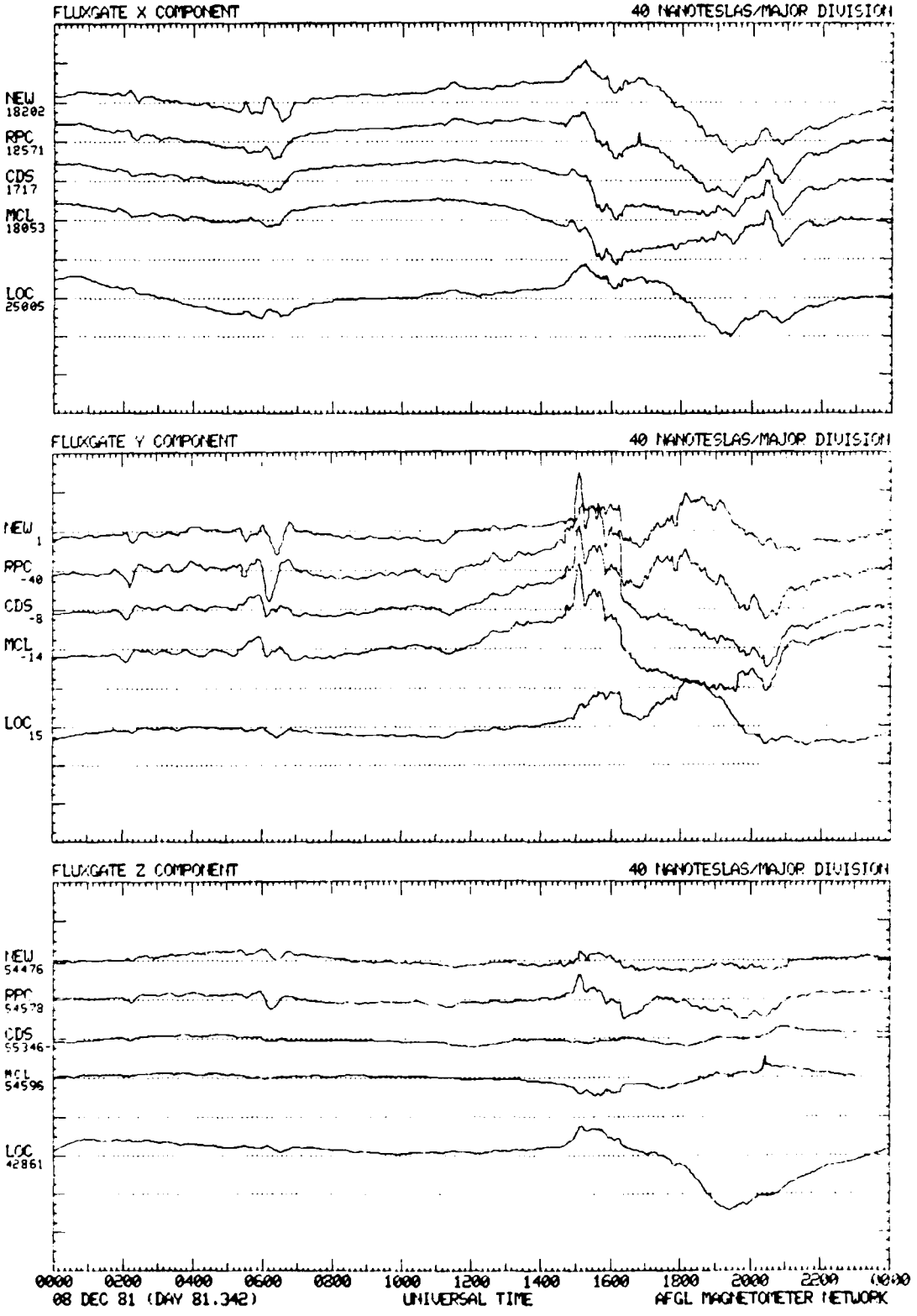
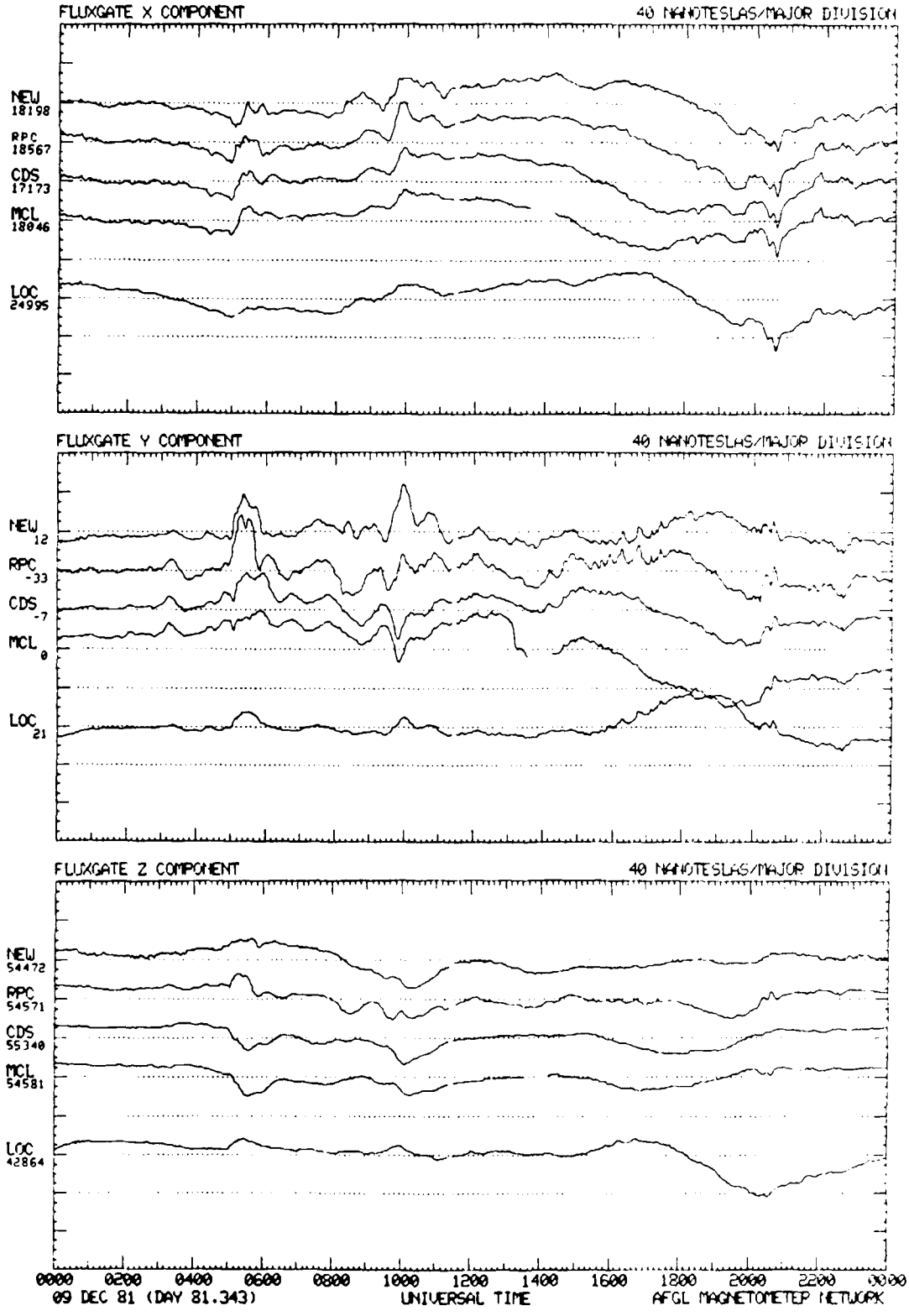
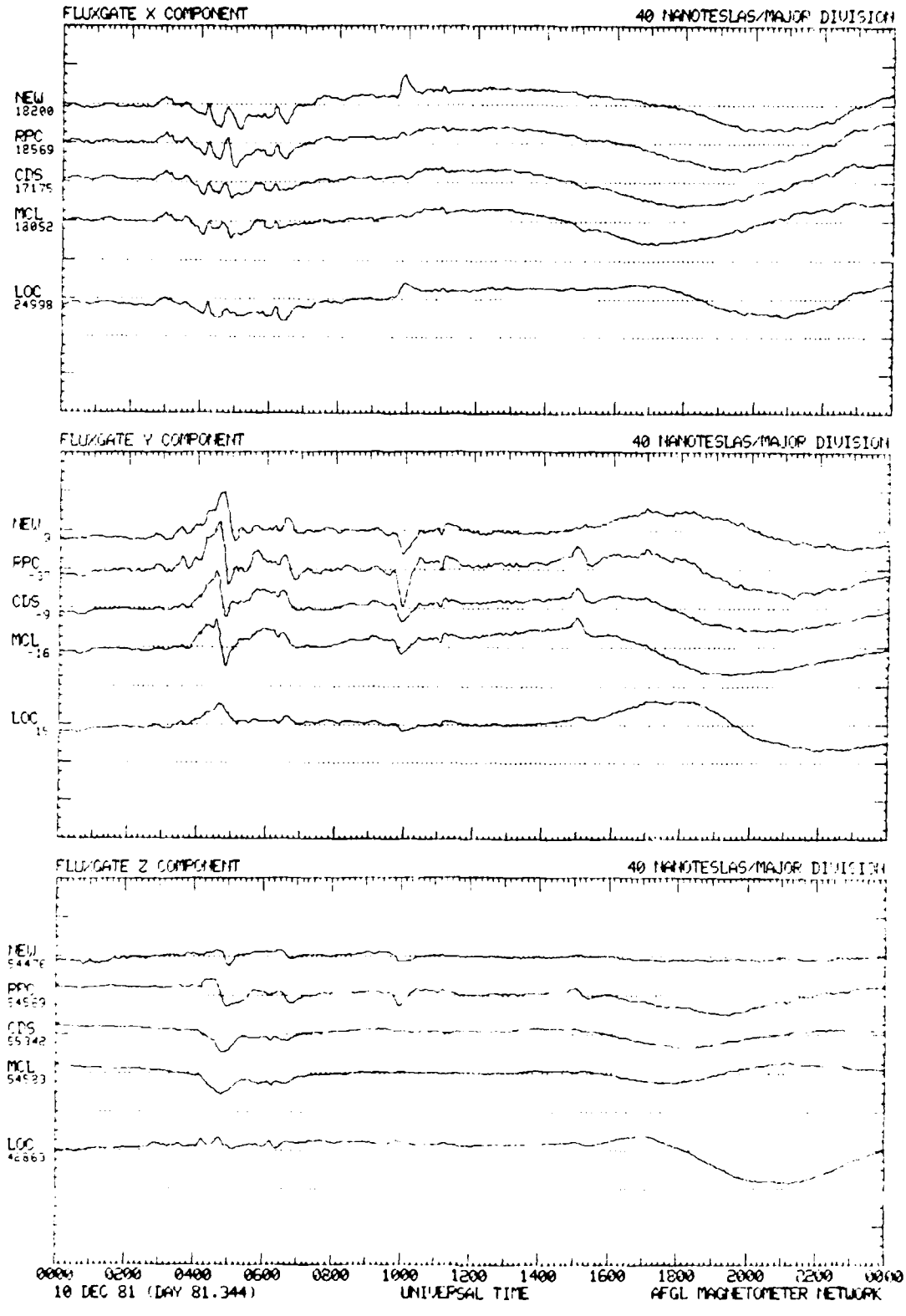
NEW
18207
RPC
18580
CDS
17183
MCL
18062
LOC
25009
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
7
RPC
-37
CDS
-8
MCL
-20
LOC
17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54475
RPC
54578
CDS
55343
MCL
54597
LOC
42860
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 DEC 81 (DAY 81.341)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18202
RPC
18571
CDS
1717
MCL
18053
LOC
25005
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1
RPC
-40
CDS
-8
MCL
-14
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54476
RPC
54578
CDS
55346
MCL
54596
LOC
42861
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 DEC 81 (DAY 81.342)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18198
RPC
18567
CDS
17173
MCL
18046
LOC
24995
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
12
RPC
-33
CDS
-7
MCL
0
LOC
21
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54472
RPC
54571
CDS
55340
MCL
54581
LOC
42864
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 DEC 81 (DAY 81.343)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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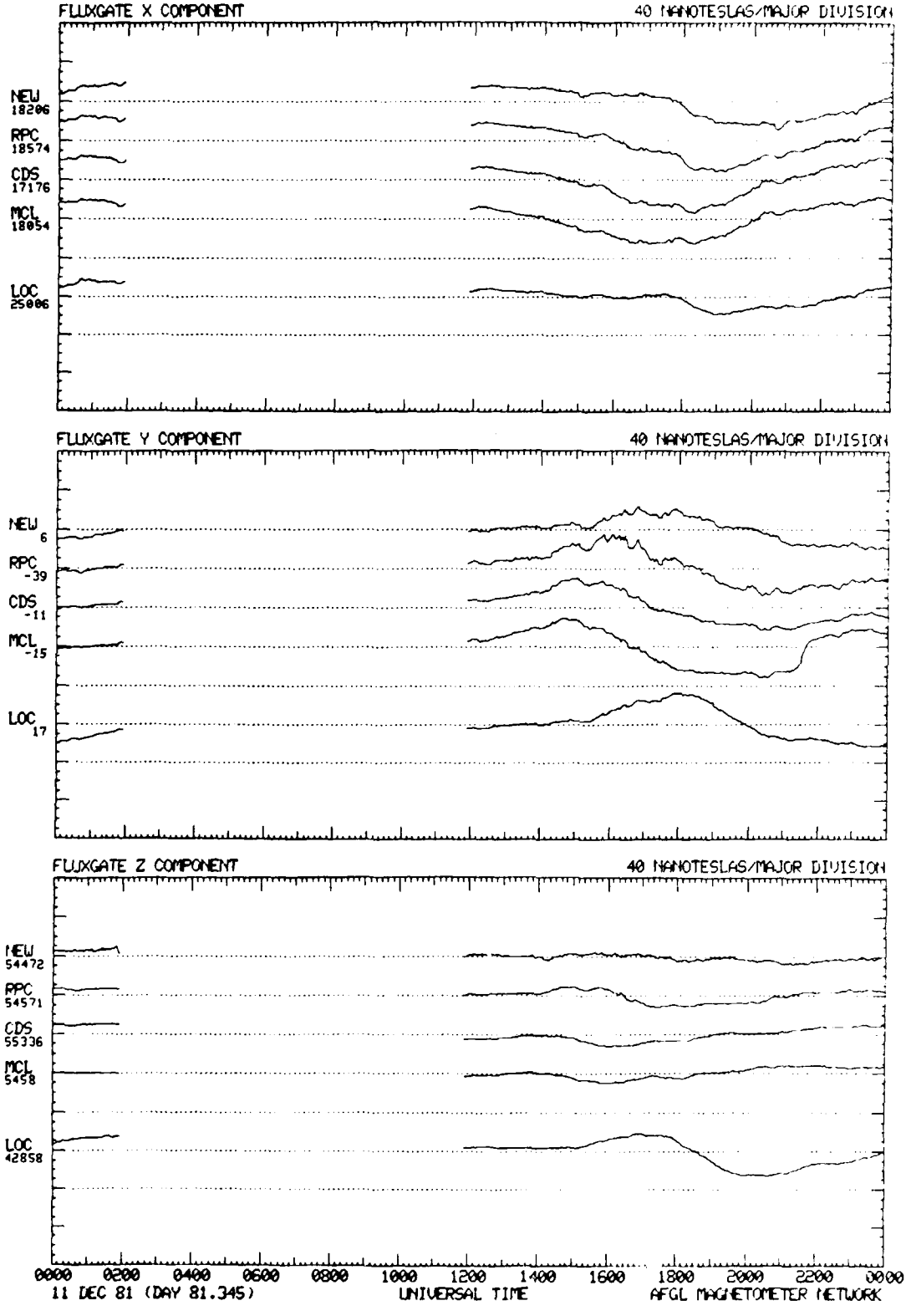
NEW
18200
FPC
18569
CDS
17175
MCL
18052
LOC
24998
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
FPC
CDS
MCL
LOC
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
FPC
CDS
MCL
LOC
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 DEC 81 (DAY 81.344)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18206
RPC
18574
CDS
17176
MCL
18054
LOC
25006
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
6
RPC
-39
CDS
-11
MCL
-15
LOC
17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54472
RPC
54571
CDS
55336
MCL
5458
LOC
42858
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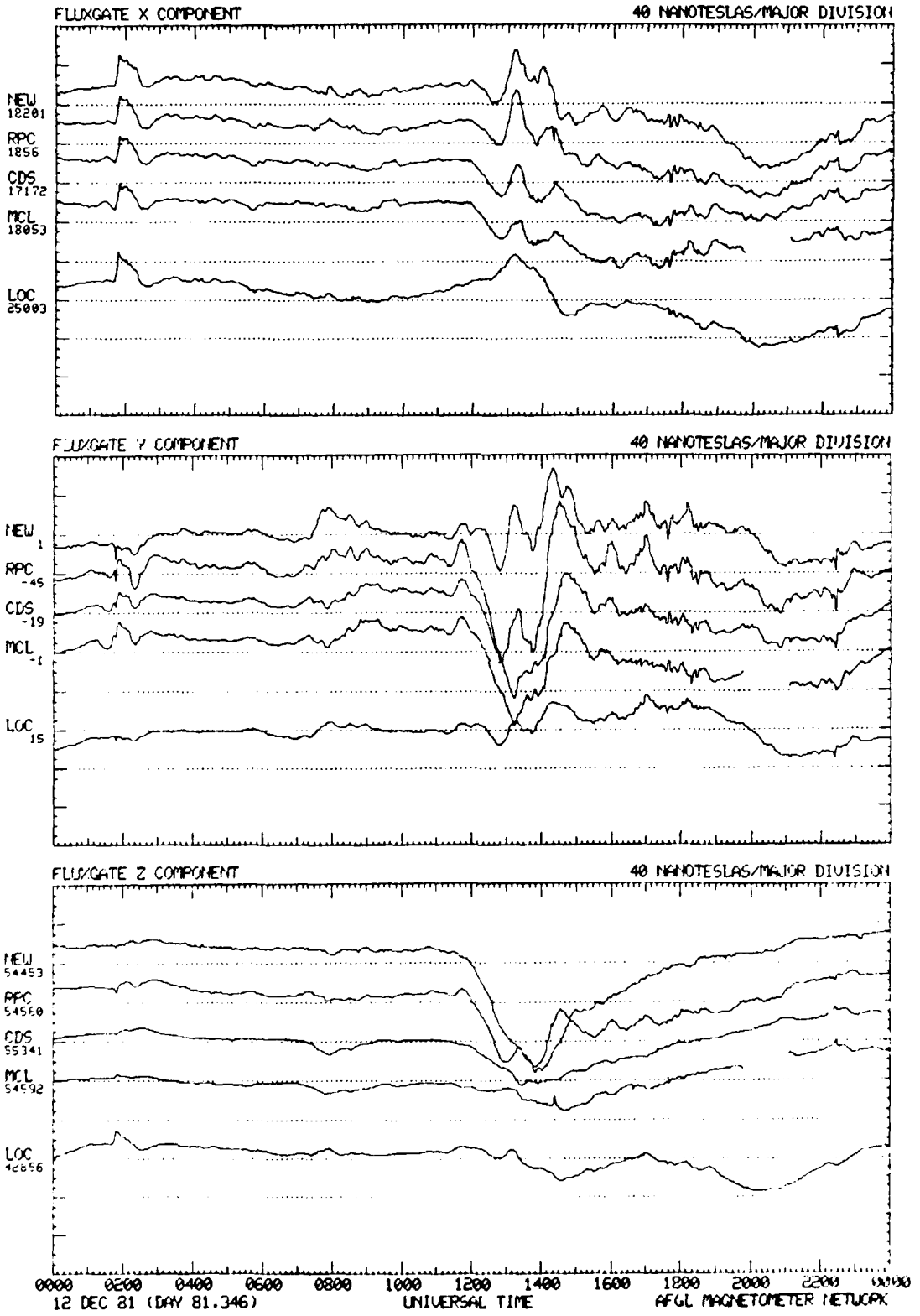
11 DEC 81 (DAY 81.345)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18201
RPC
1856
CDS
17172
MCL
18053
LOC
25003
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1
RPC
-45
CDS
-19
MCL
-1
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54453
RPC
54560
CDS
55341
MCL
54592
LOC
46856
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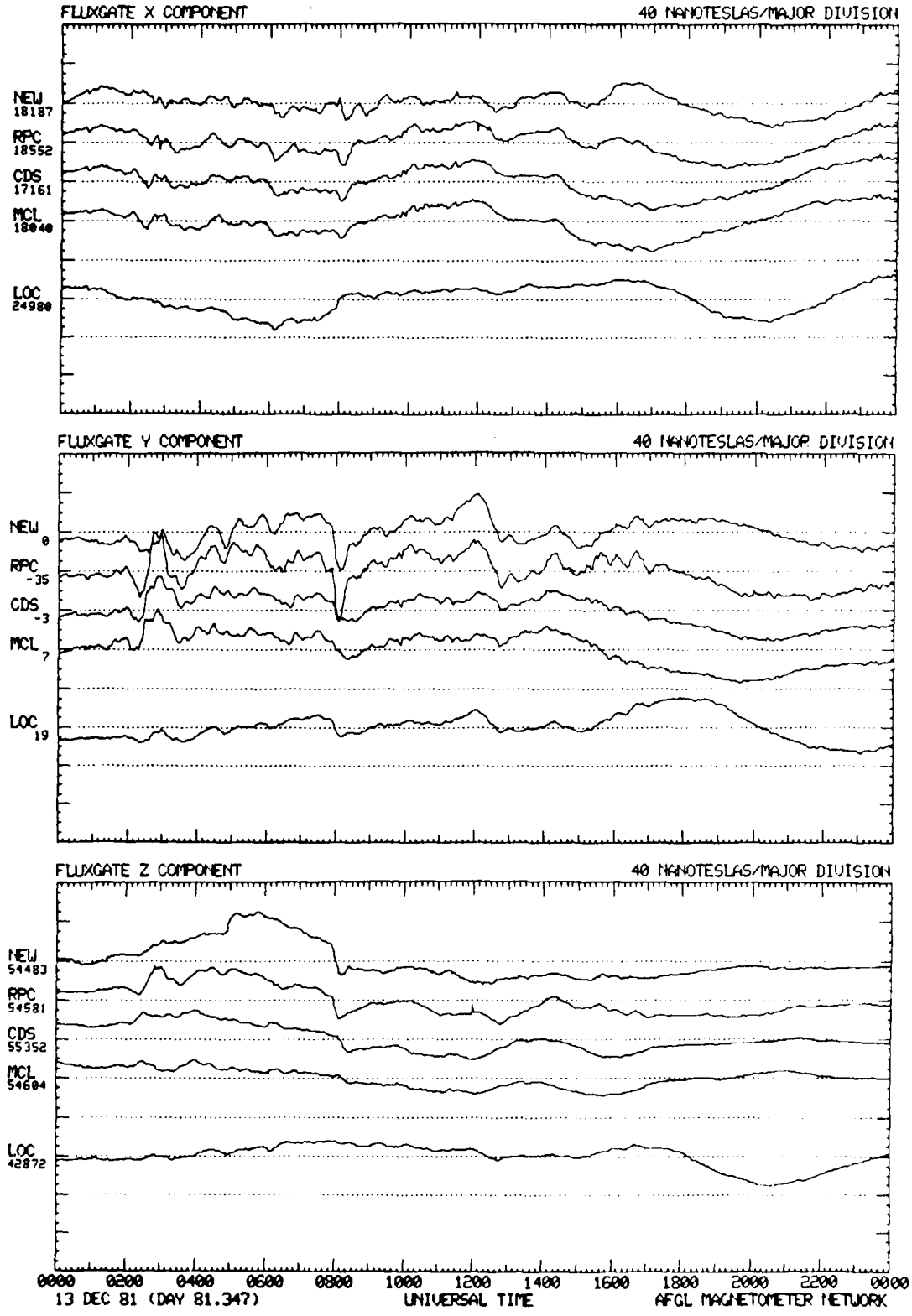
12 DEC 81 (DAY 81.346)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18187
RPC
18552
CDS
17161
MCL
18040
LOC
24980
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
0
RPC
-35
CDS
-3
MCL
7
LOC
19
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54483
RPC
54581
CDS
55352
MCL
54604
LOC
42872
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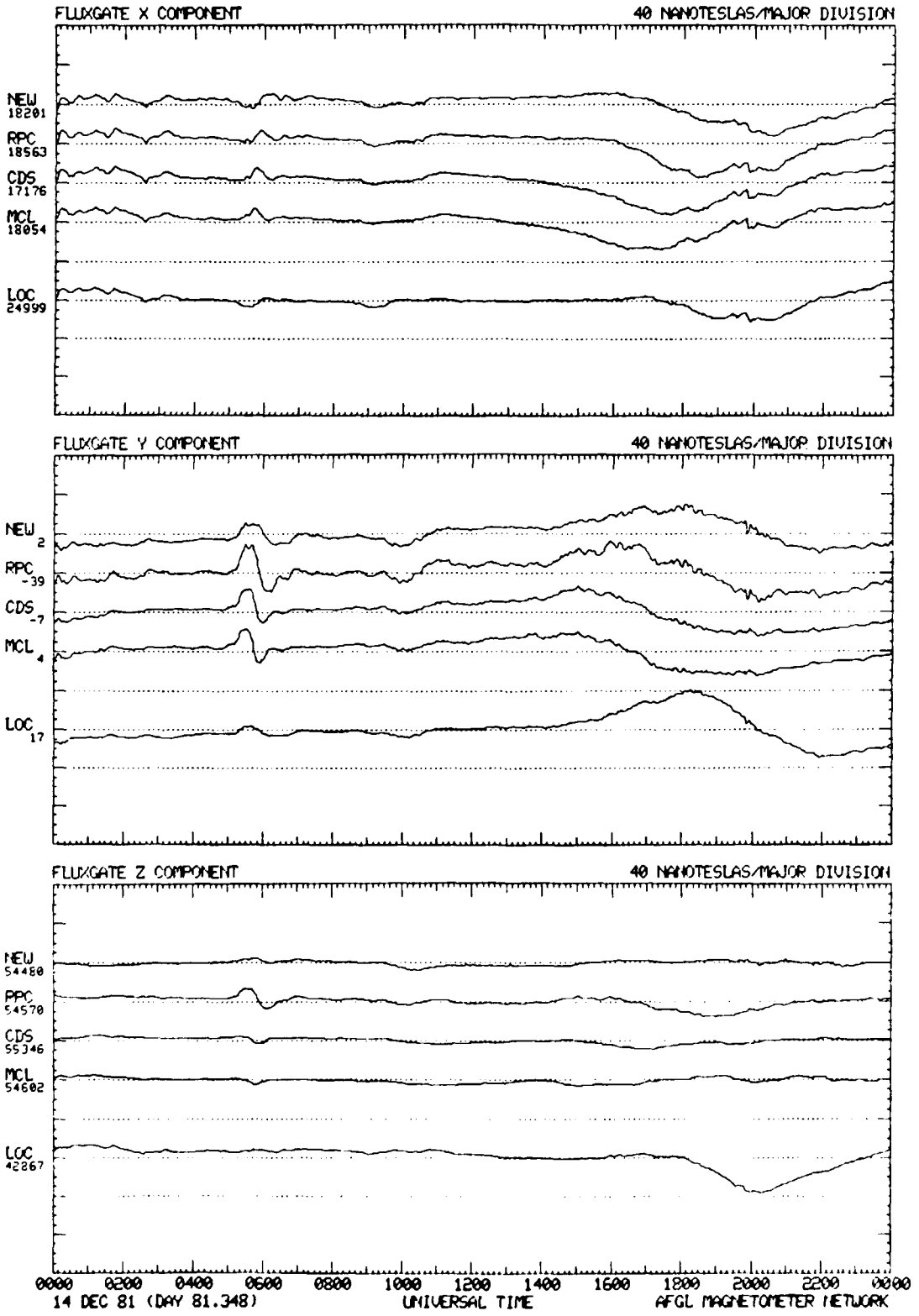
13 DEC 81 (DAY 81.347)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18201
RPC
18563
CDS
17176
MCL
18054
LOC
24999
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
2
RPC
-39
CDS
-7
MCL
4
LOC
17
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54480
RPC
54570
CDS
55346
MCL
54602
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42867
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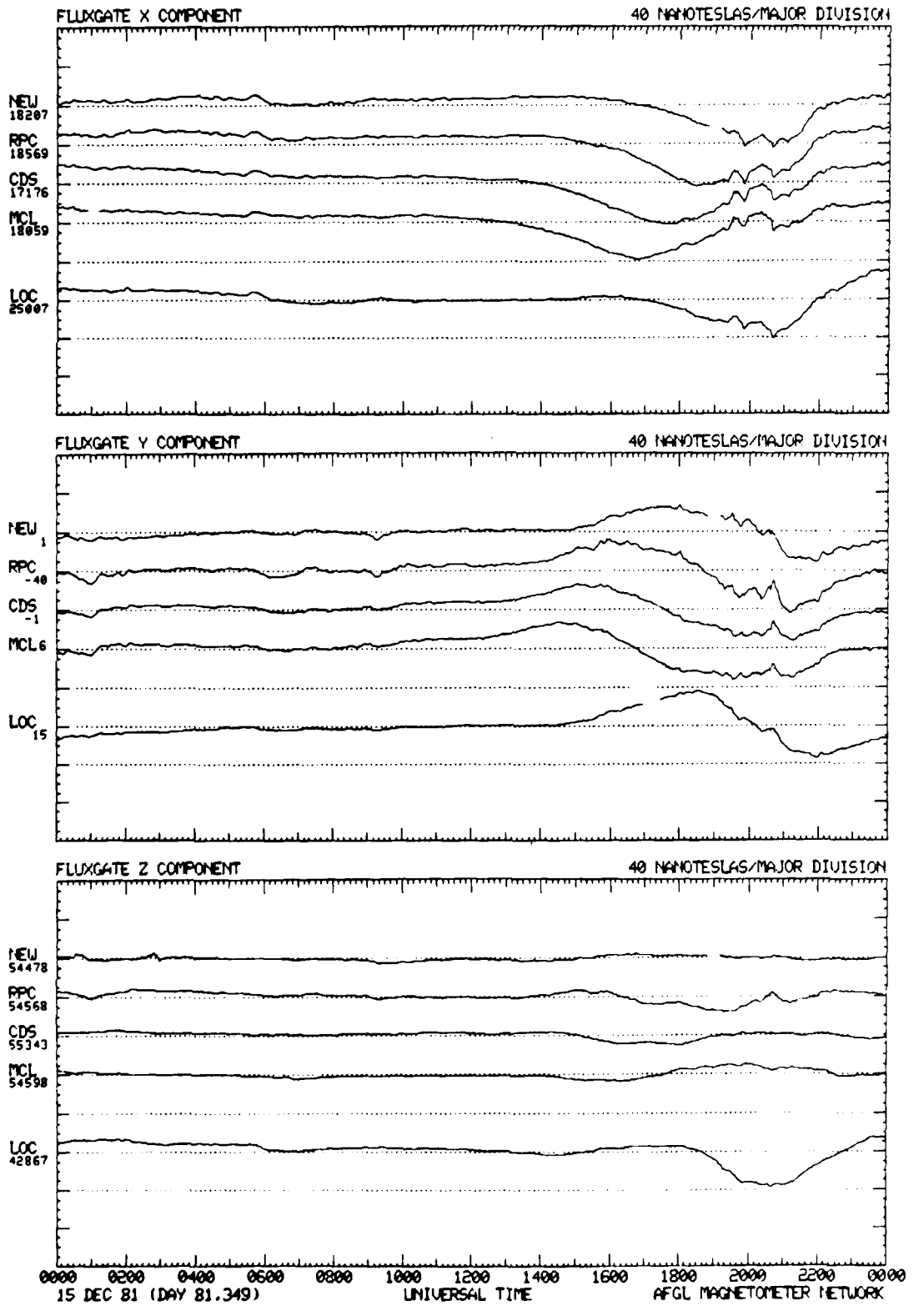
14 DEC 81 (DAY 81.348)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18207
RPC
18569
CDS
17176
MCL
18059
LOC
25007
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
1
RPC
-40
CDS
-1
MCL
6
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54568
CDS
55343
MCL
54598
LOC
42867
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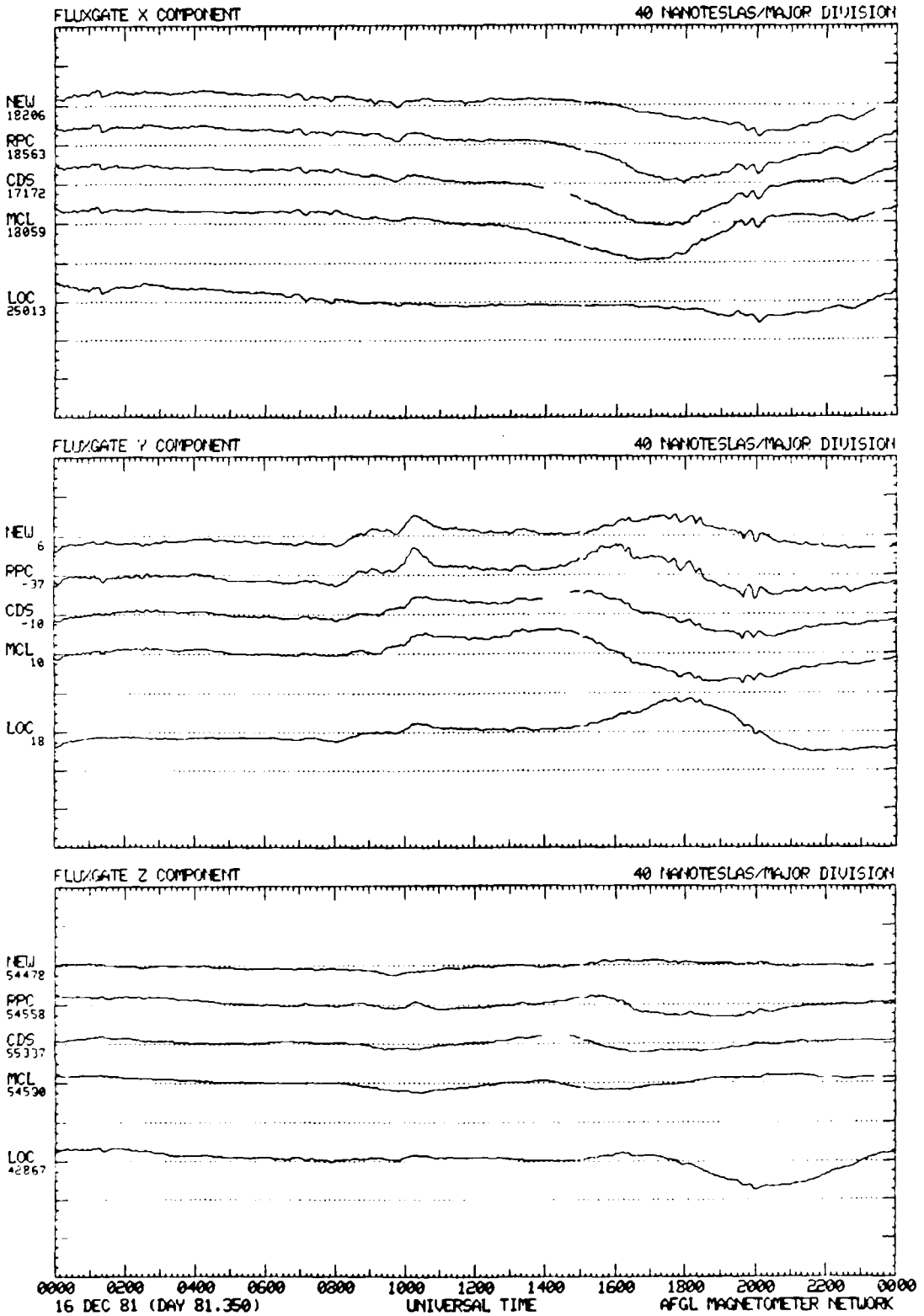
15 DEC 81 (DAY 81.349)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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NEW
18206
RPC
18563
CDS
17172
MCL
18059
LOC
25013
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
6
RPC
-37
CDS
-10
MCL
10
LOC
18
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54558
CDS
55037
MCL
54530
LOC
42867
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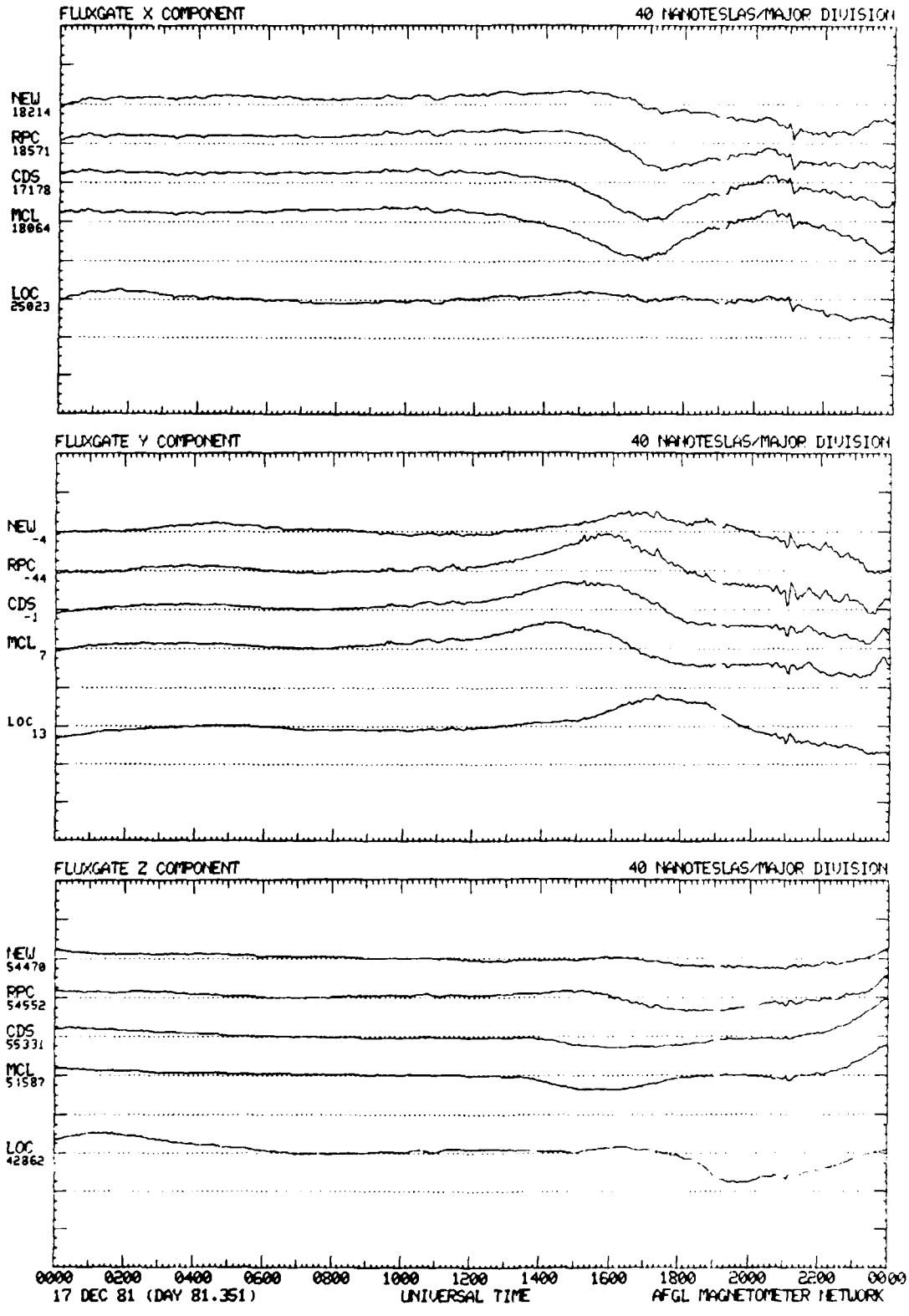
16 DEC 81 (DAY 81.350)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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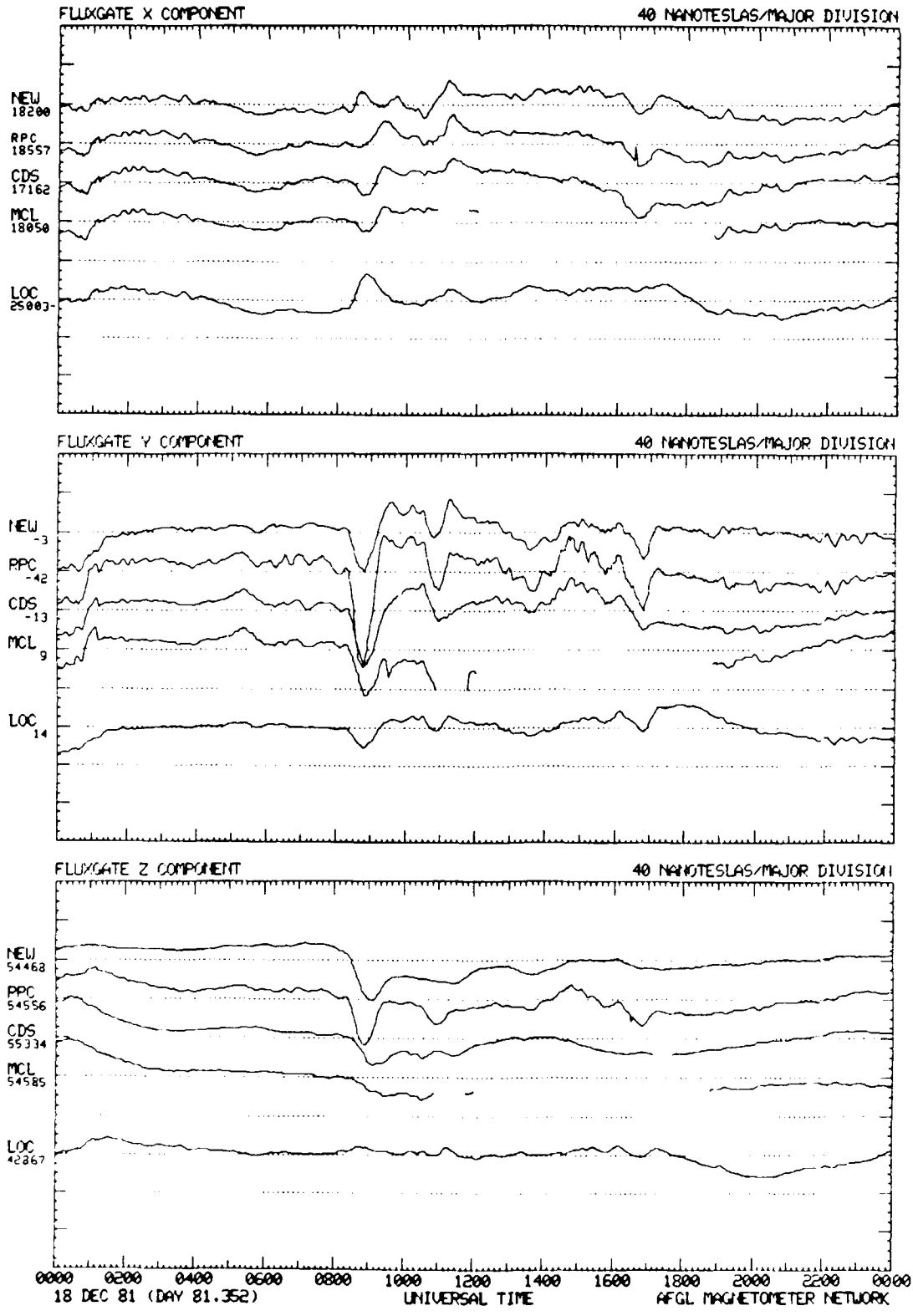
NEW
18214
RPC
18571
CDS
17178
MCL
18064
LOC
25023
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-4
RPC
-44
CDS
-1
MCL
7
LOC
13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54470
RPC
54552
CDS
55331
MCL
51587
LOC
42862
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 DEC 81 (DAY 81.351)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
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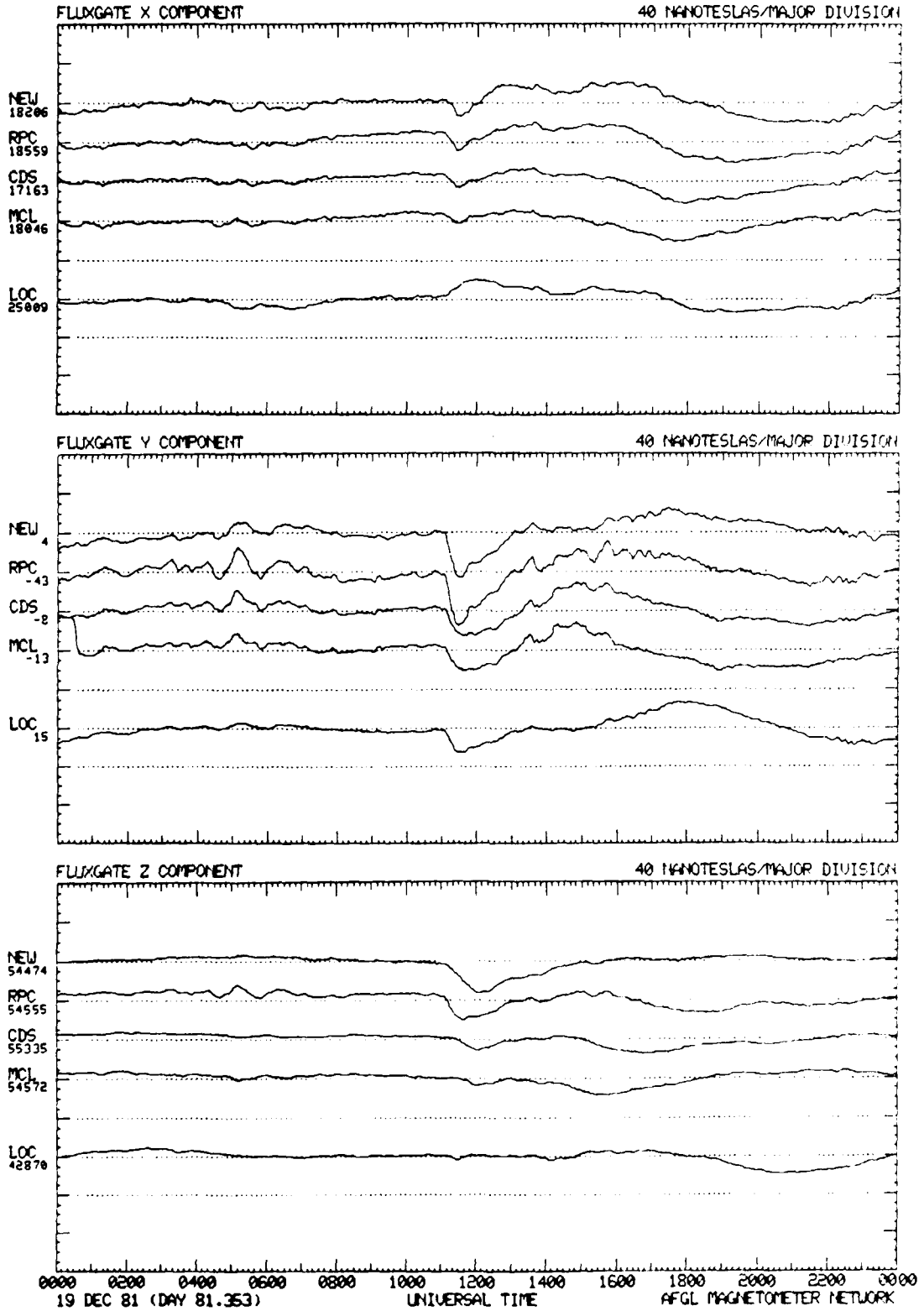
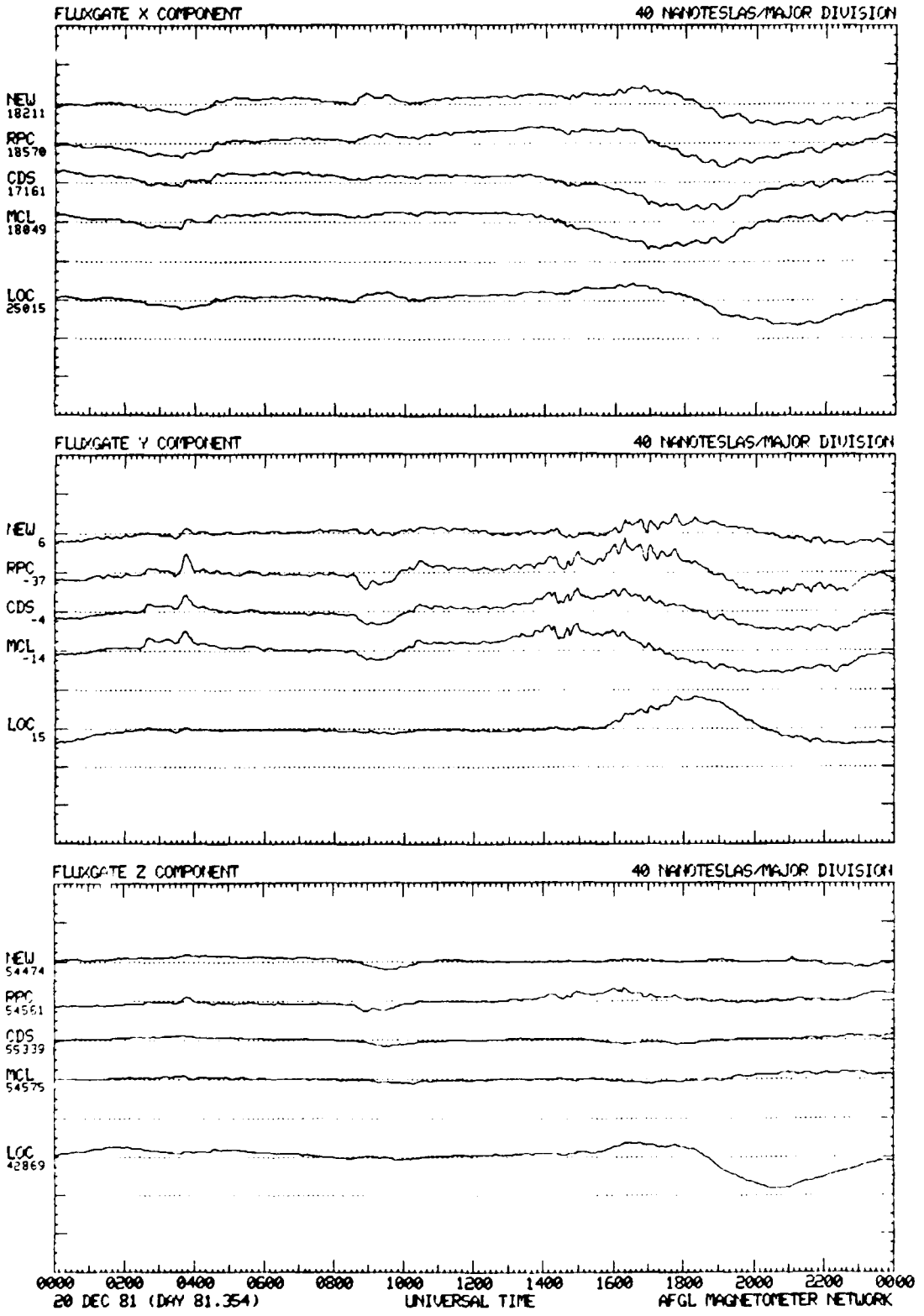
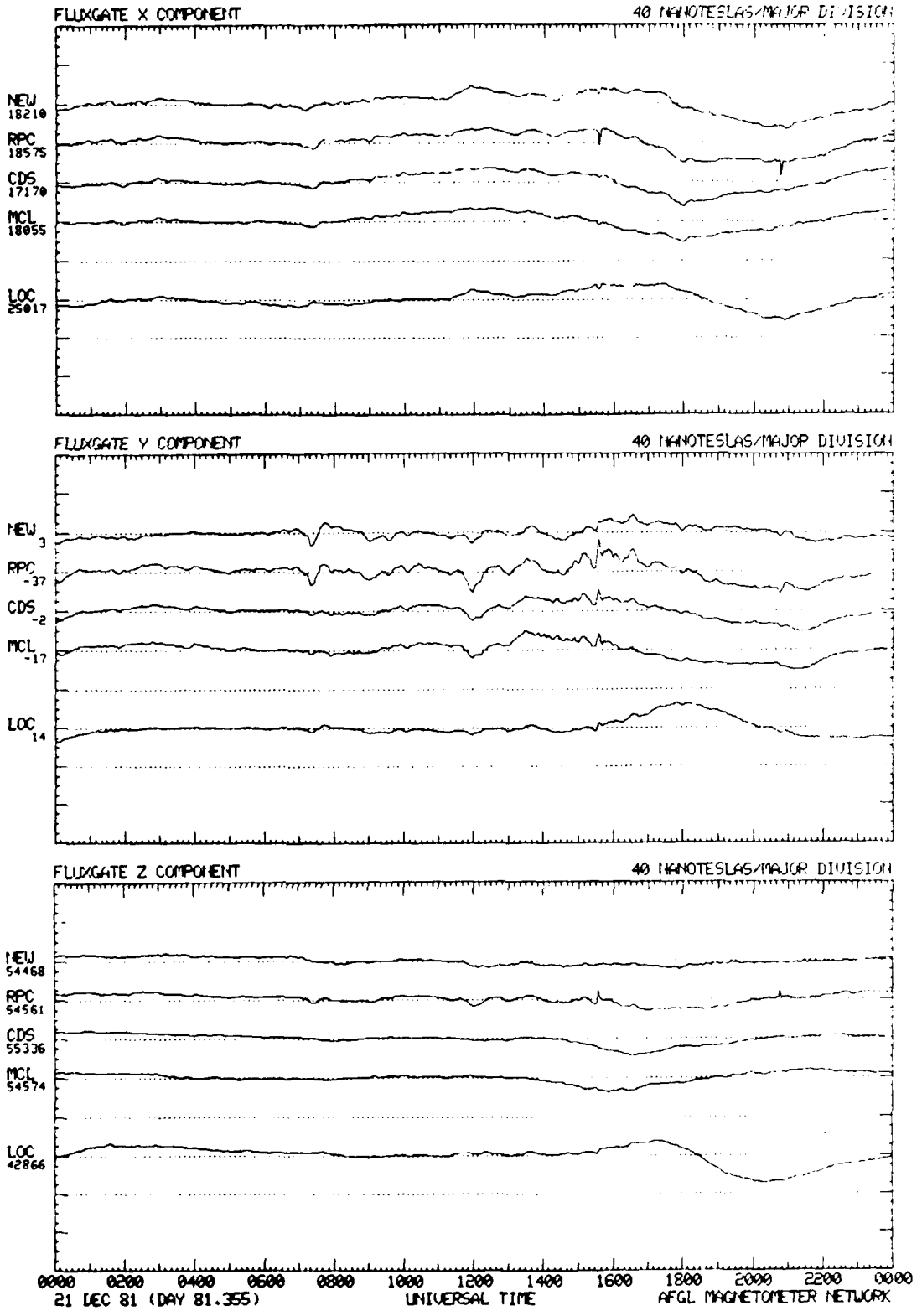
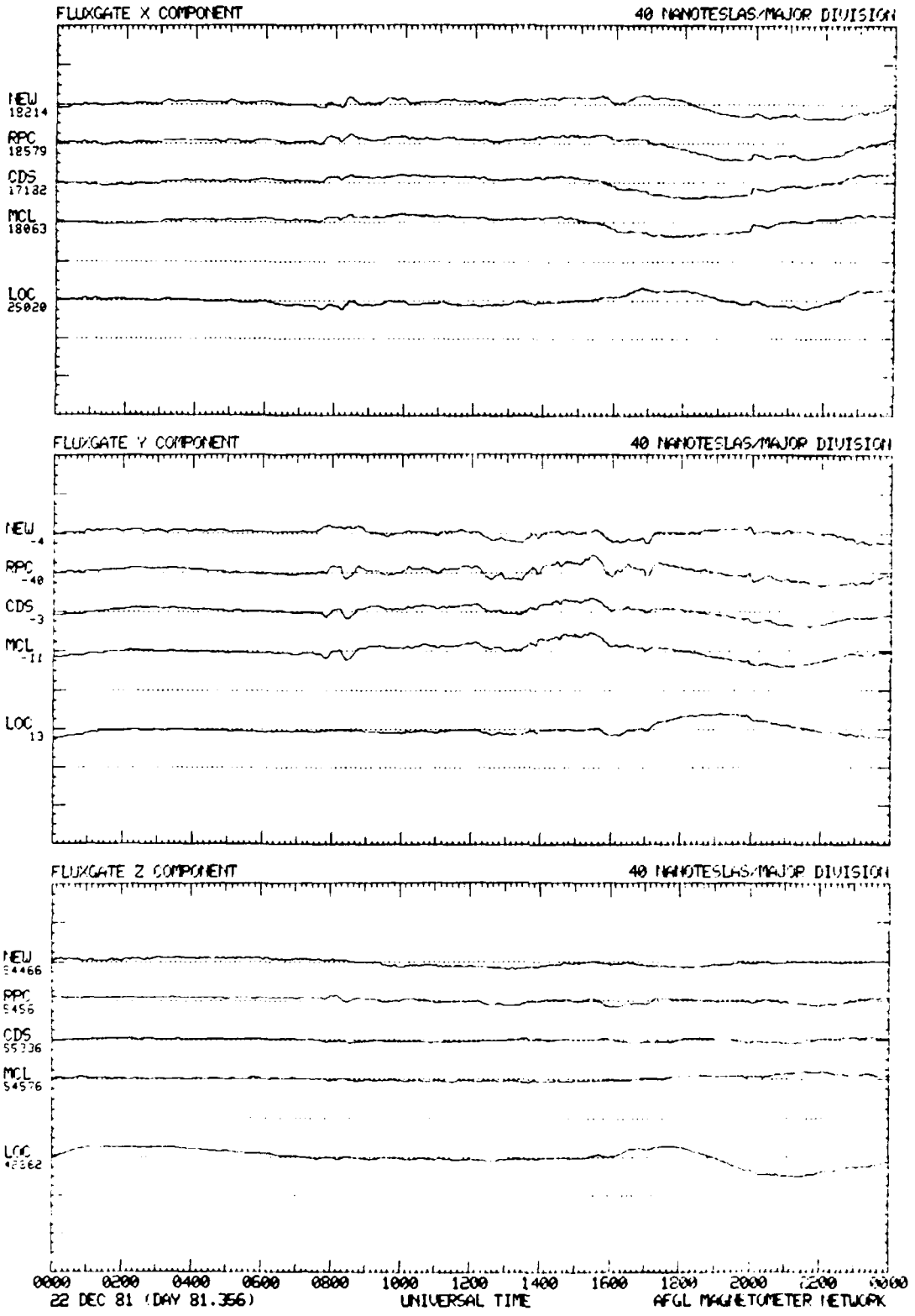
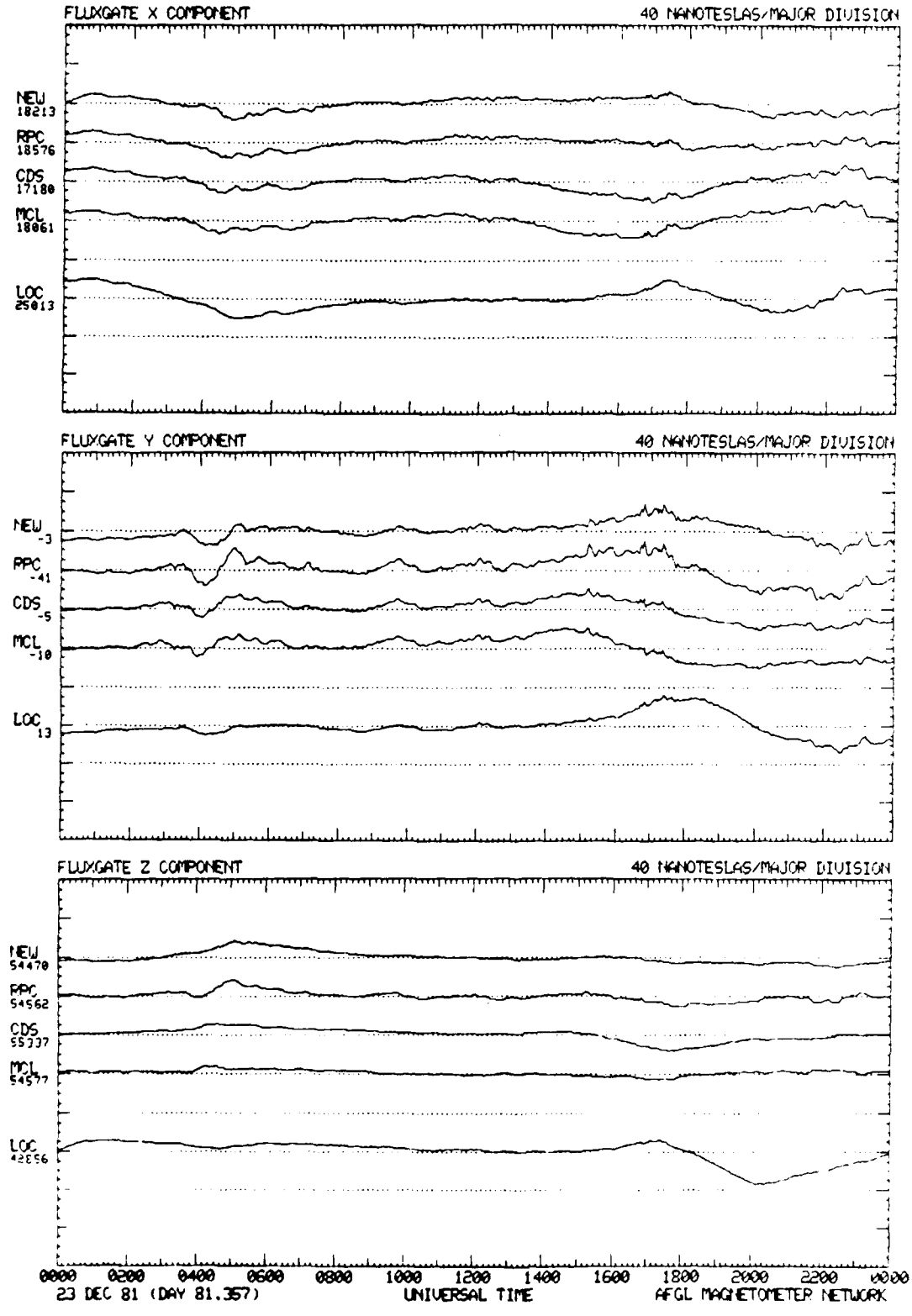
NEW
18200
RPC
18557
CDS
17162
MCL
18050
LOC
25003
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-3
RPC
-42
CDS
-13
MCL
9
LOC
14
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54468
RPC
54556
CDS
55334
MCL
54585
LOC
42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 DEC 81 (DAY 81.352)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

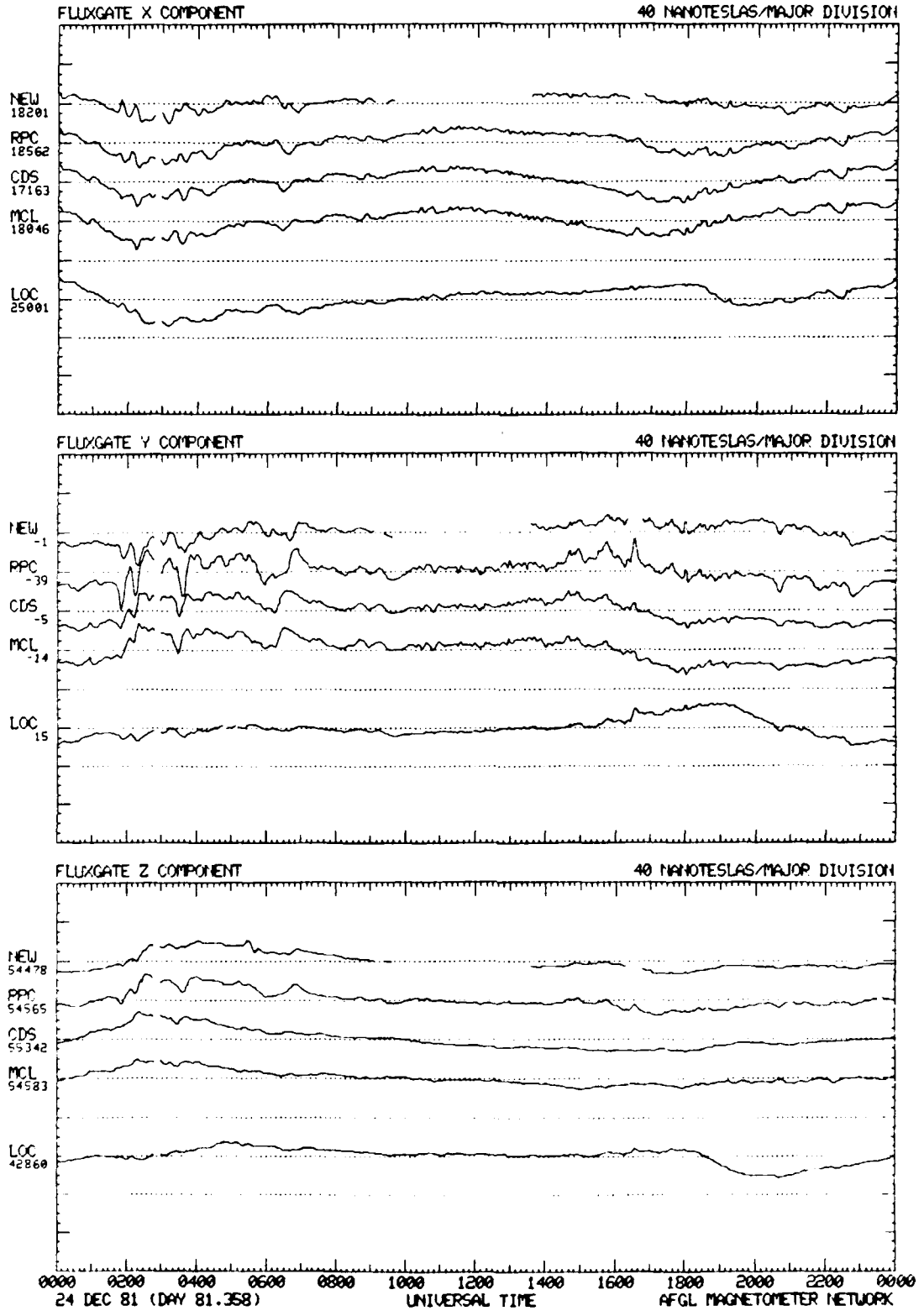

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18206
RPC
18559
CDS
17163
MCL
18046
LOC
25009
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
4
RPC
-43
CDS
-8
MCL
-13
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54474
RPC
54555
CDS
55335
MCL
54572
LOC
42870
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 DEC 81 (DAY 81.353)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

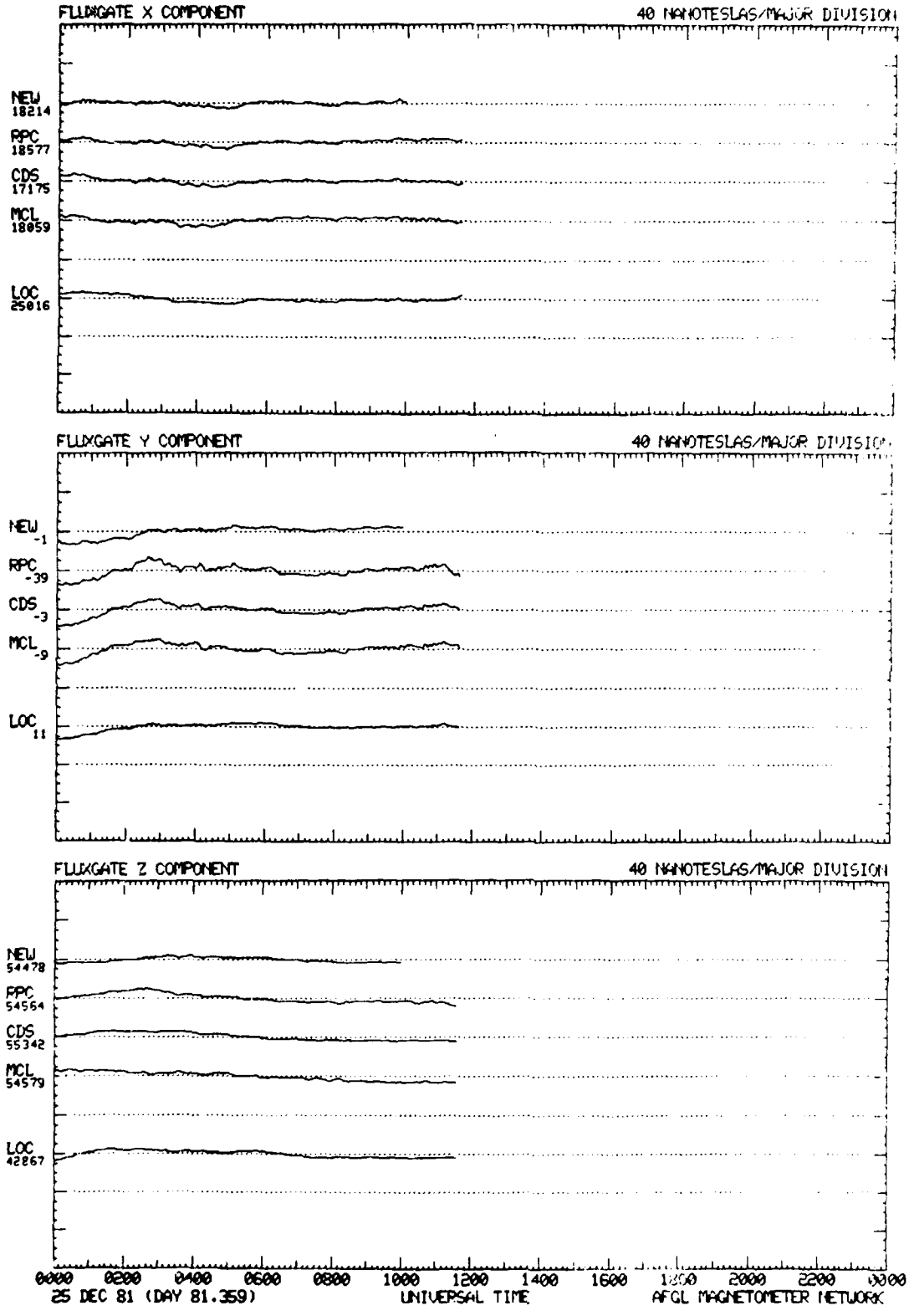

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18211
RPC
18570
CDS
17161
MCL
18049
LOC
25015
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
6
RPC
-37
CDS
-4
MCL
-14
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54474
RPC
54561
CDS
55339
MCL
54575
LOC
42869
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 DEC 81 (DAY 81.354)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

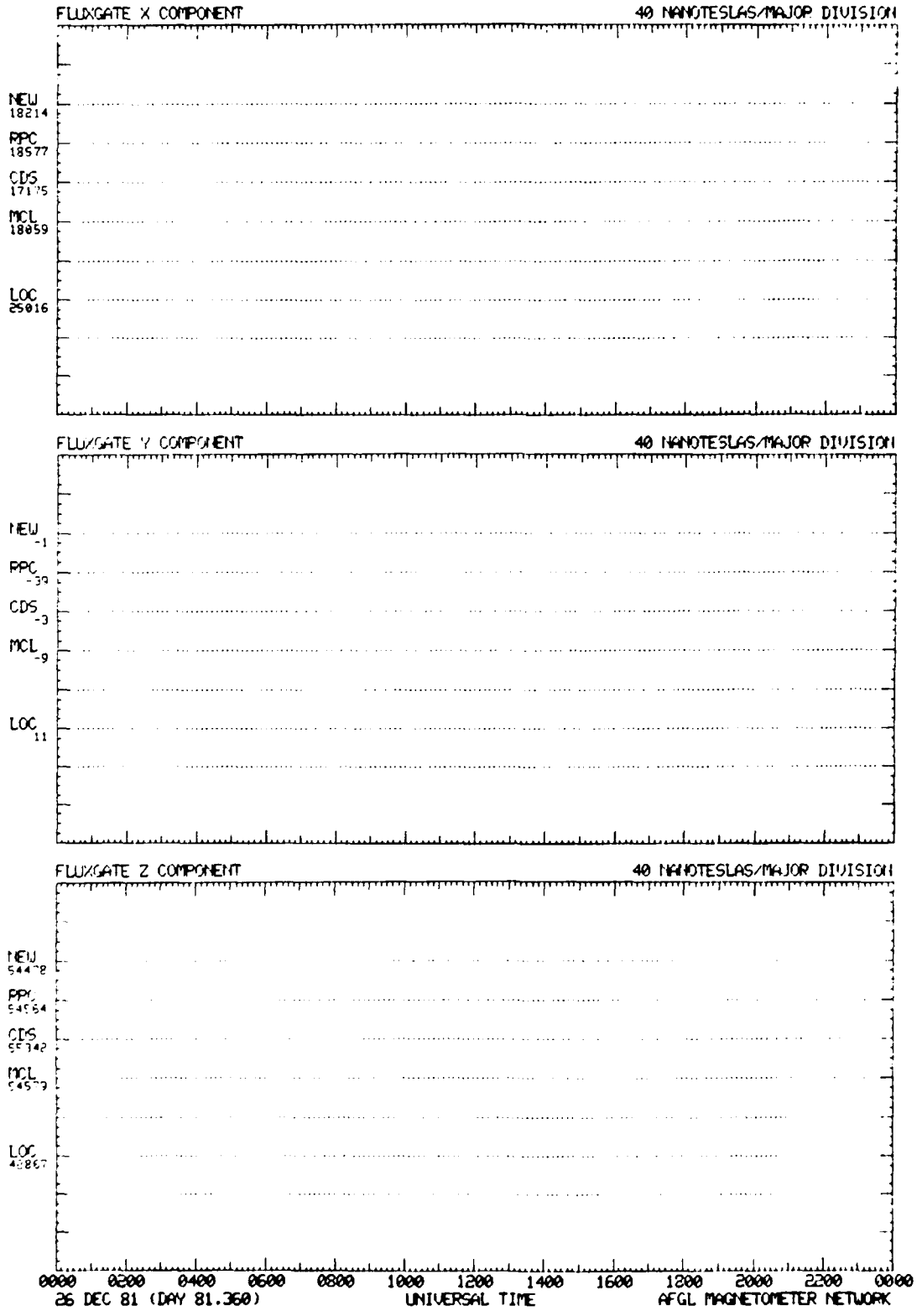

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18210
RPC
18575
CDS
17170
MCL
18055
LOC
25017
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
3
RPC
-37
CDS
-2
MCL
-17
LOC
14
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54468
RPC
54561
CDS
55336
MCL
54574
LOC
42866
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 DEC 81 (DAY 81.355)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

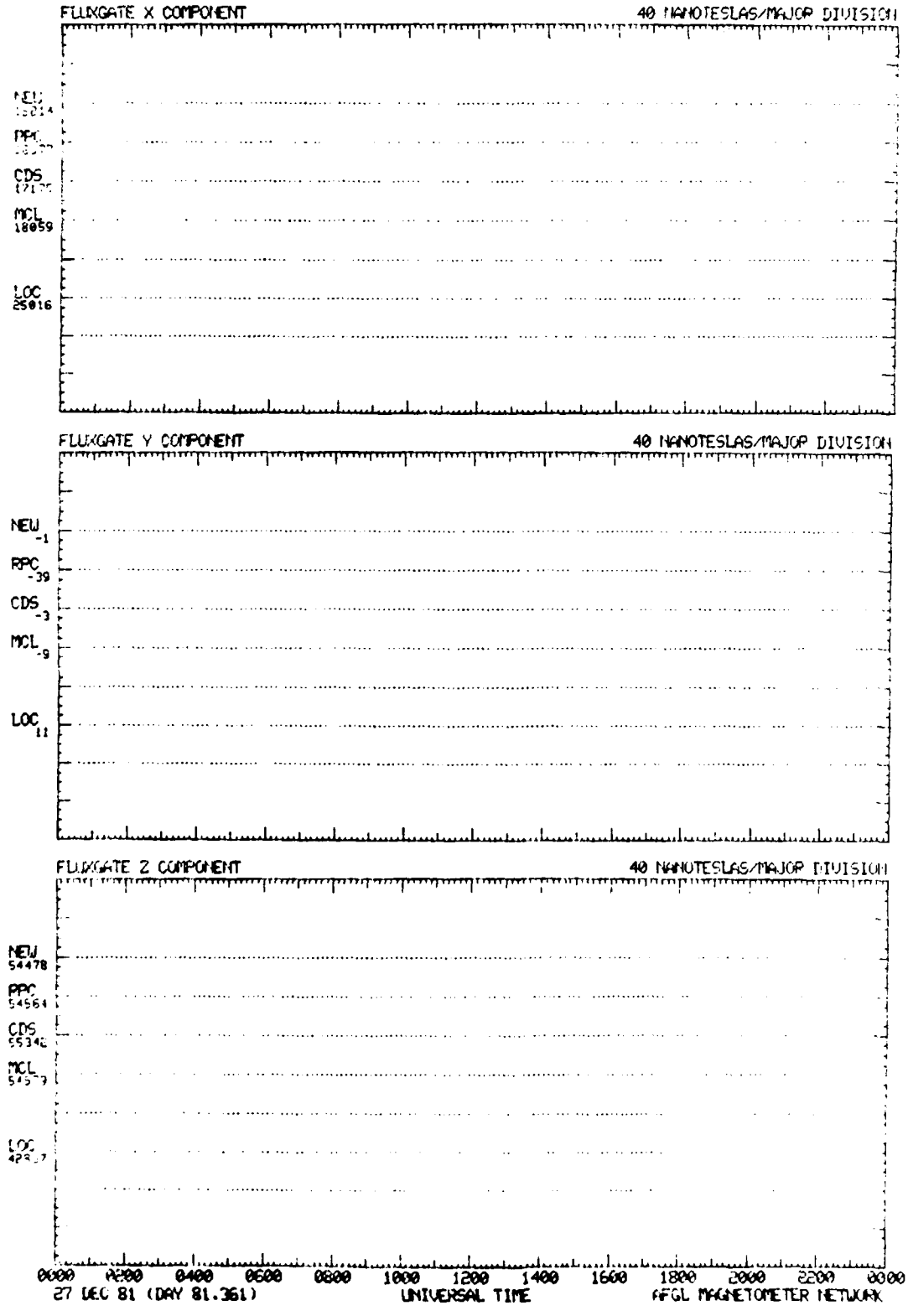

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
RPC
18579
CDS
17182
MCL
18063
LOC
25020
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-4
RPC
-40
CDS
-3
MCL
-11
LOC
13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54466
RPC
54566
CDS
55306
MCL
54576
LOC
47362
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 DEC 81 (DAY 81.356)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

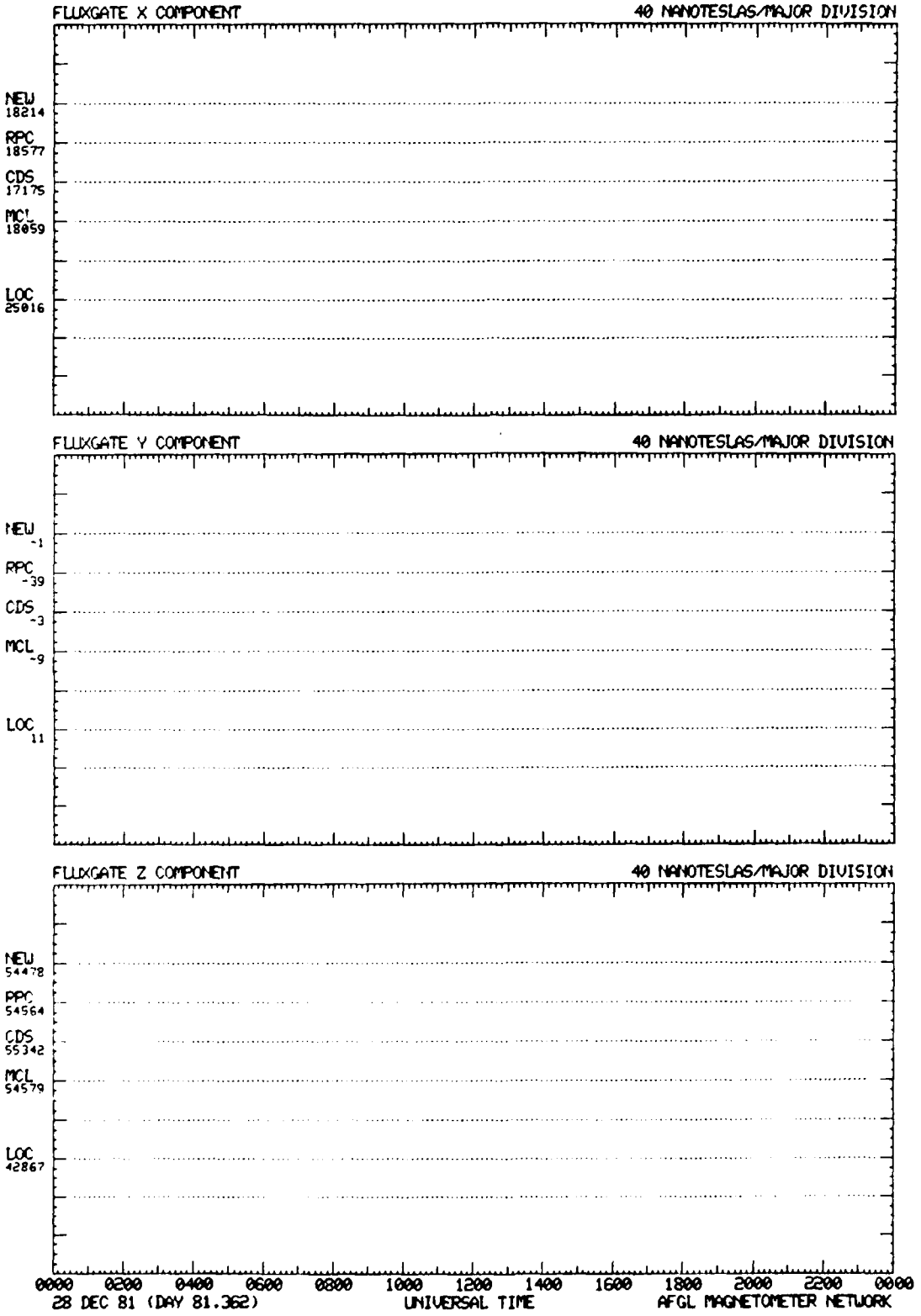

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18213
RPC
18576
CDS
17180
MCL
18061
LOC
25013
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-3
RPC
-41
CDS
-5
MCL
-10
LOC
13
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54470
RPC
54562
CDS
55737
MCL
54577
LOC
42656
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 DEC 81 (DAY 81.357)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

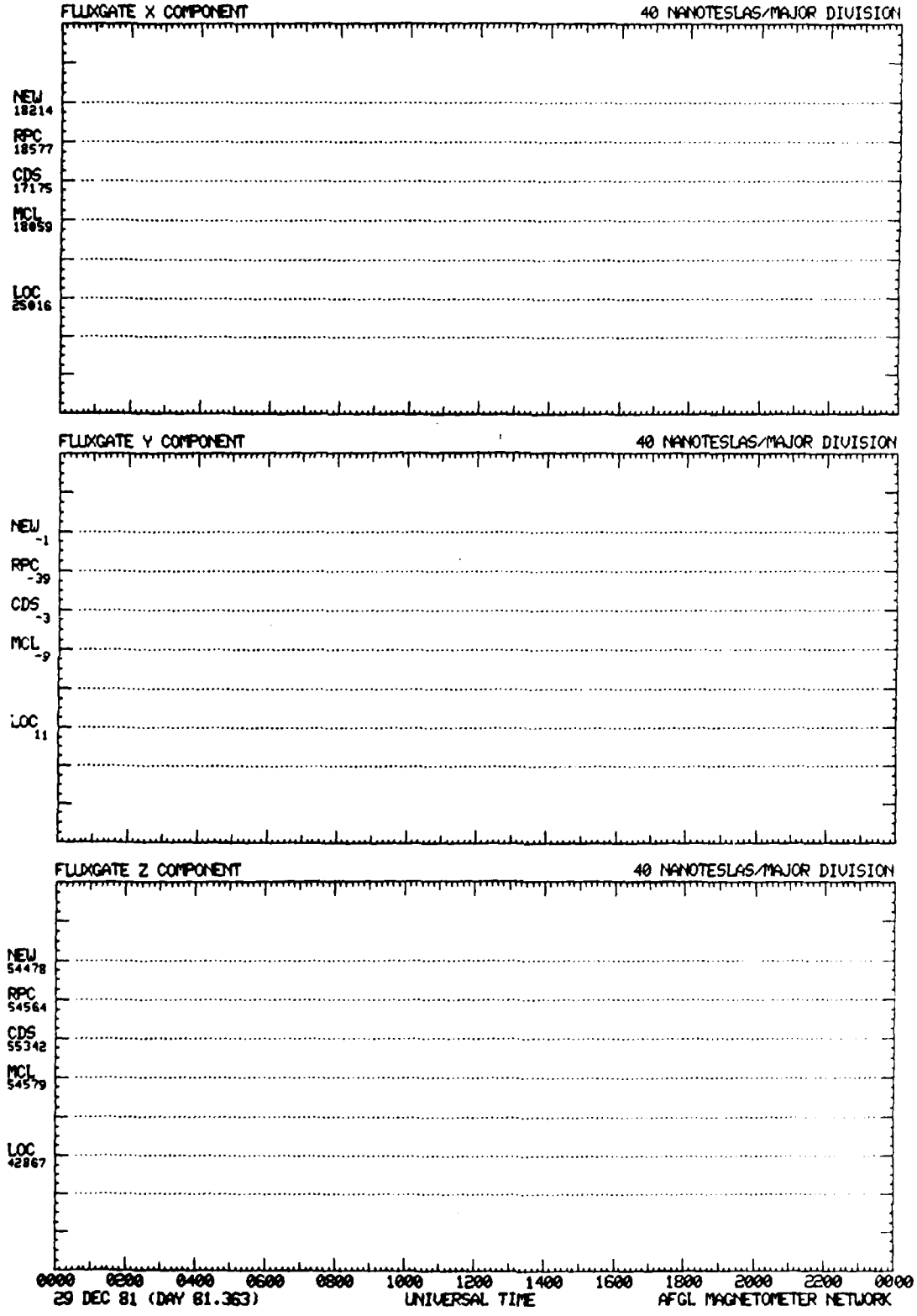

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18201
RPC
18562
CDS
17163
MCL
18046
LOC
25001
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-1
RPC
-39
CDS
-5
MCL
-14
LOC
15
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54565
CDS
55342
MCL
54583
LOC
42860
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
24 DEC 81 (DAY 81.358)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

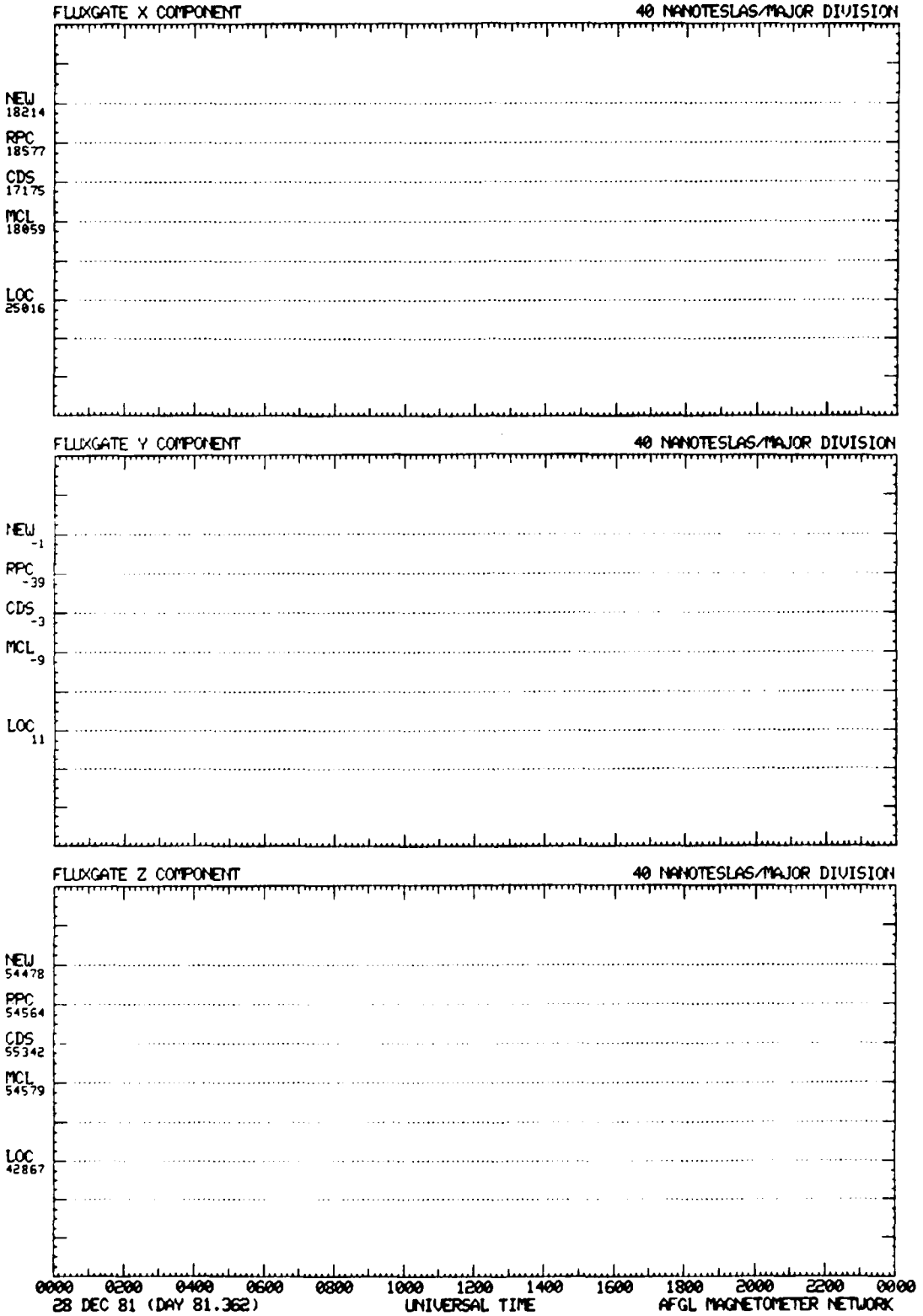

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 18214
RPC 18577
CDS 17175
MCL 18059
LOC 25016
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW -1
RPC -39
CDS -3
MCL -9
LOC 11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW 54478
RPC 54564
CDS 55342
MCL 54579
LOC 42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 DEC 81 (DAY 81.359)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
PPC
18577
CDS
17175
MCL
18059
LOC
25016
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-1
PPC
-39
CDS
-3
MCL
-9
LOC
11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
PPC
CDS
MCL
LOC
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 DEC 81 (DAY 81.360)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
RPC
CDS
MCL
18059
LOC
25016
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-1
RPC
-39
CDS
-3
MCL
-9
LOC
11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54564
CDS
MCL
LOC
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
27 DEC 81 (DAY 81.361)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
RPC
18577
CDS
17175
MCL
18059
LOC
25016
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-1
RPC
-39
CDS
-3
MCL
-9
LOC
11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54564
CDS
55342
MCL
54579
LOC
42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 DEC 81 (DAY 81.362)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

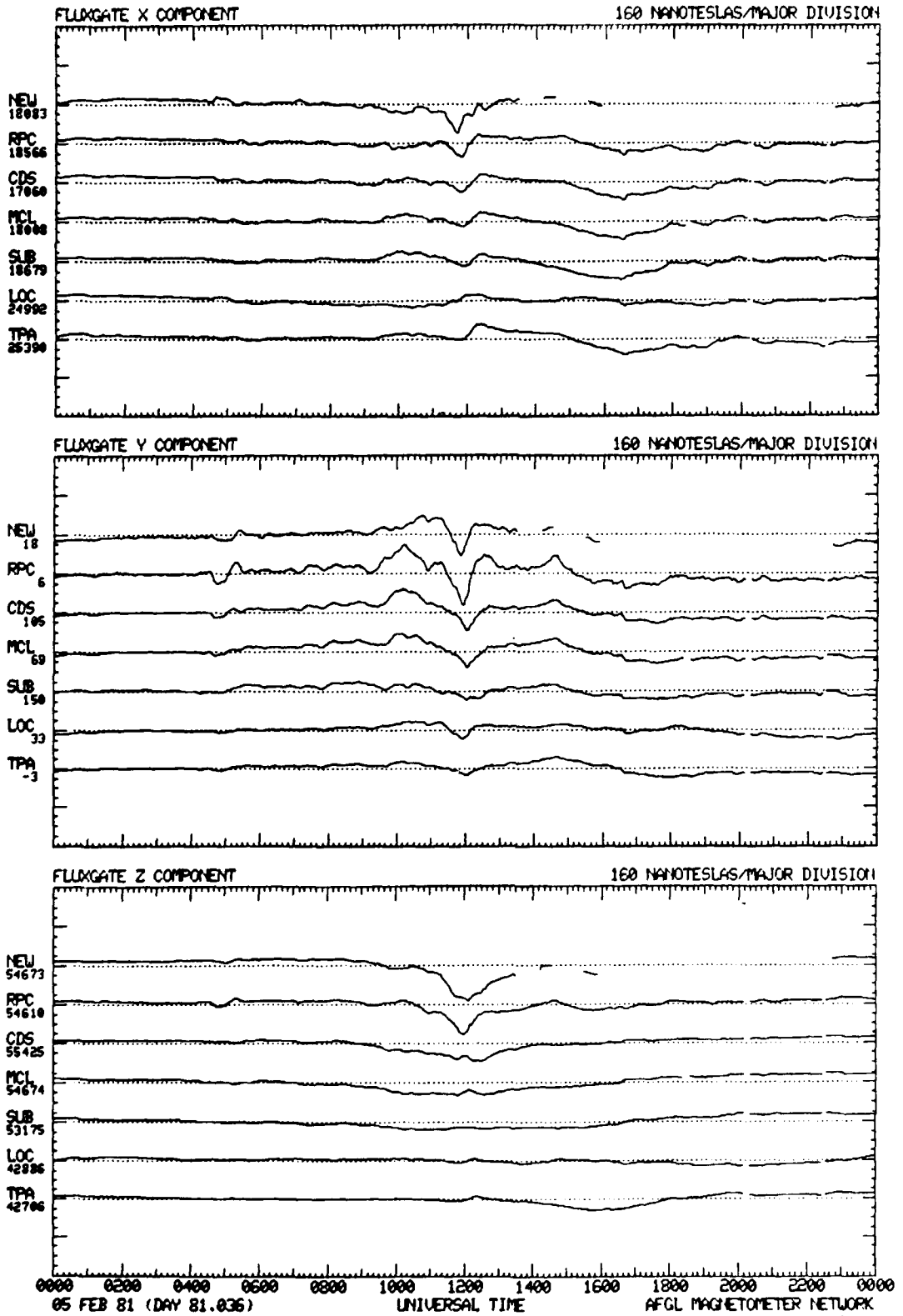

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
RPC
18577
CDS
17175
MCL
18059
LOC
25016
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-1
RPC
-39
CDS
-3
MCL
-9
LOC
11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54564
CDS
55342
MCL
54579
LOC
42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 DEC 81 (DAY 81.363)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

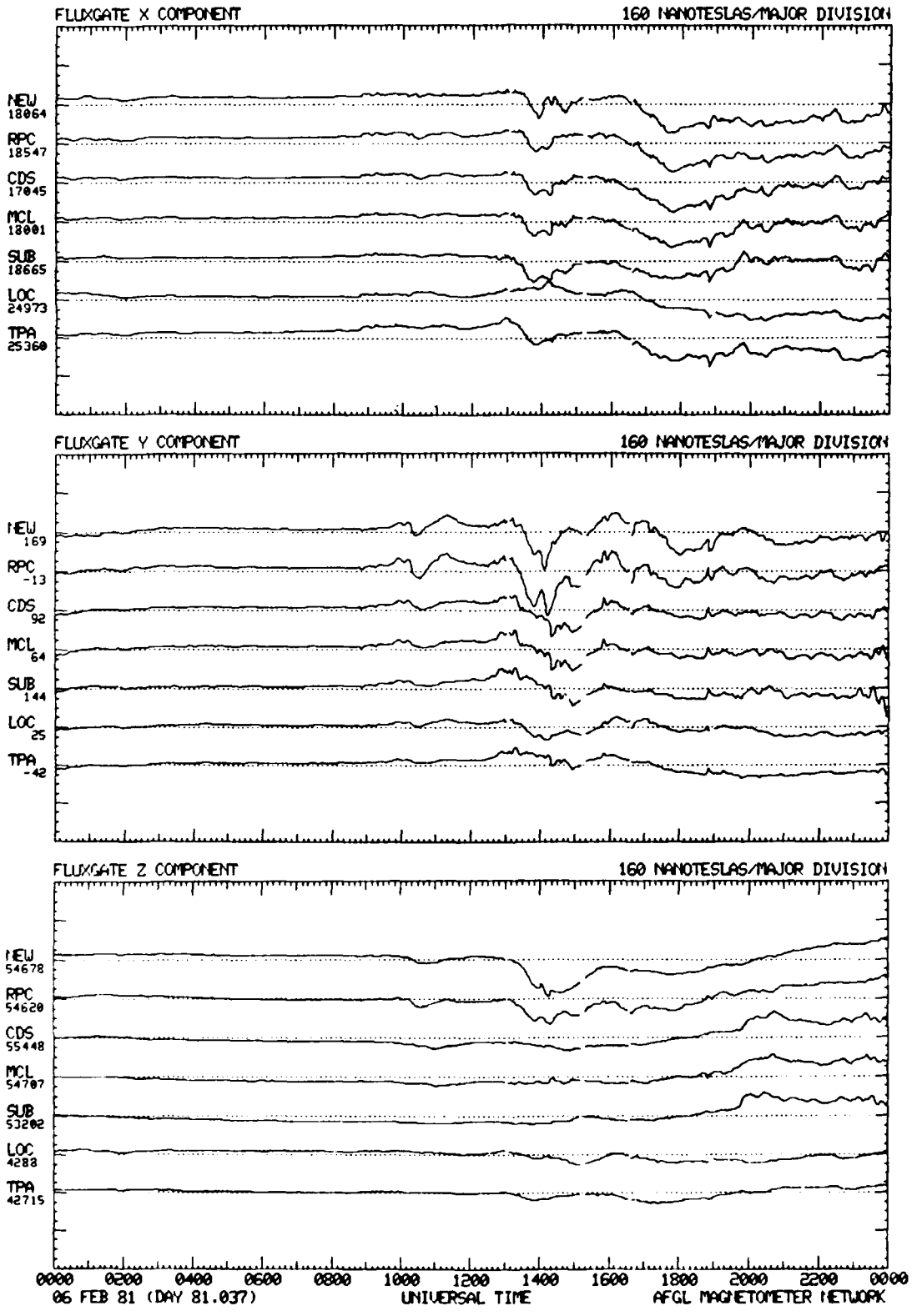

FLUXGATE X COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
18214
RPC
18577
CDS
17175
MCL
18059
LOC
25016
FLUXGATE Y COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
-1
RPC
-39
CDS
-3
MCL
-9
LOC
11
FLUXGATE Z COMPONENT
40 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54564
CDS
55342
MCL
54579
LOC
42867
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
28 DEC 81 (DAY 81.362)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

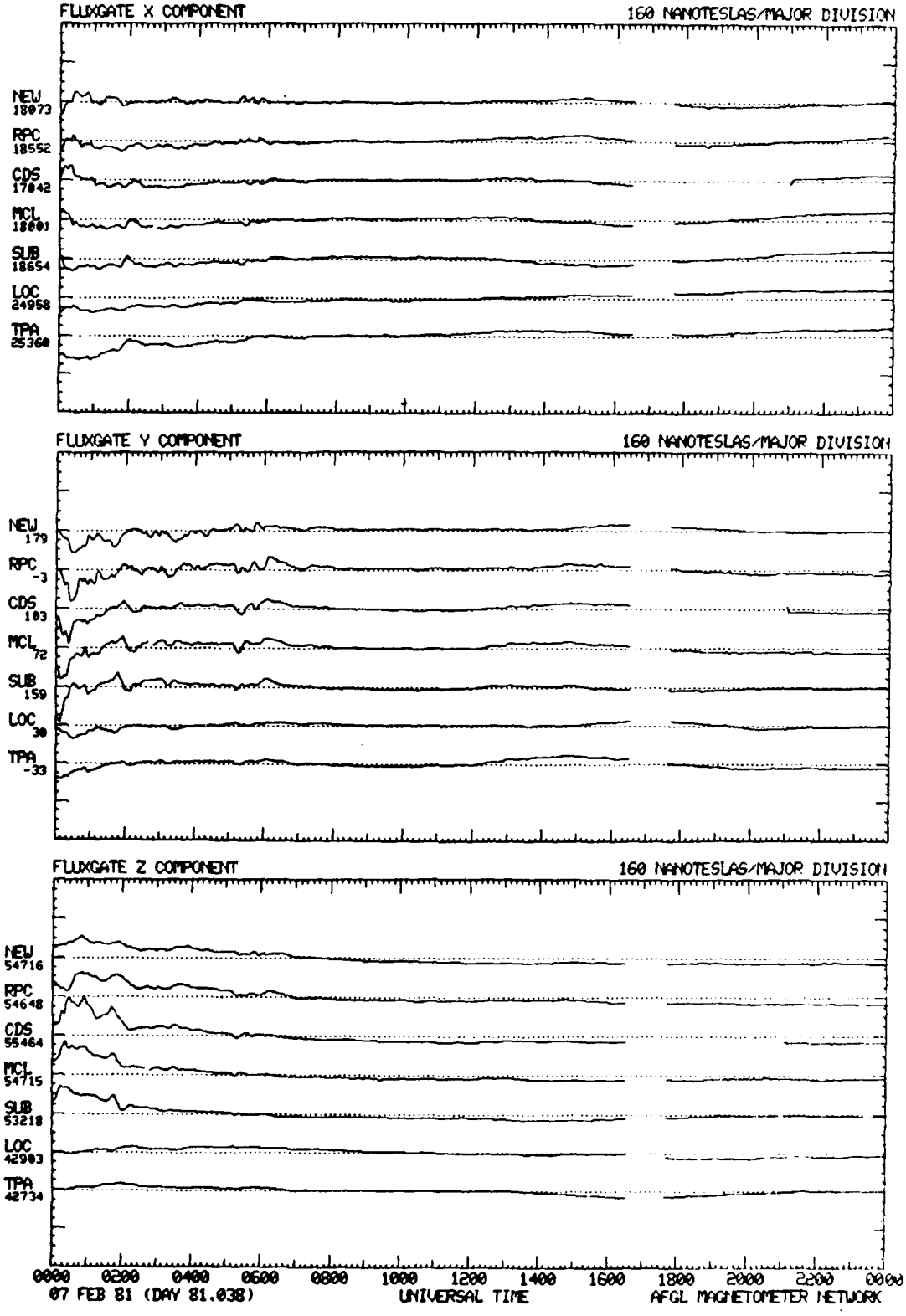
8. SUPPLEMENTARY PLOTS AT REDUCED AMPLITUDE

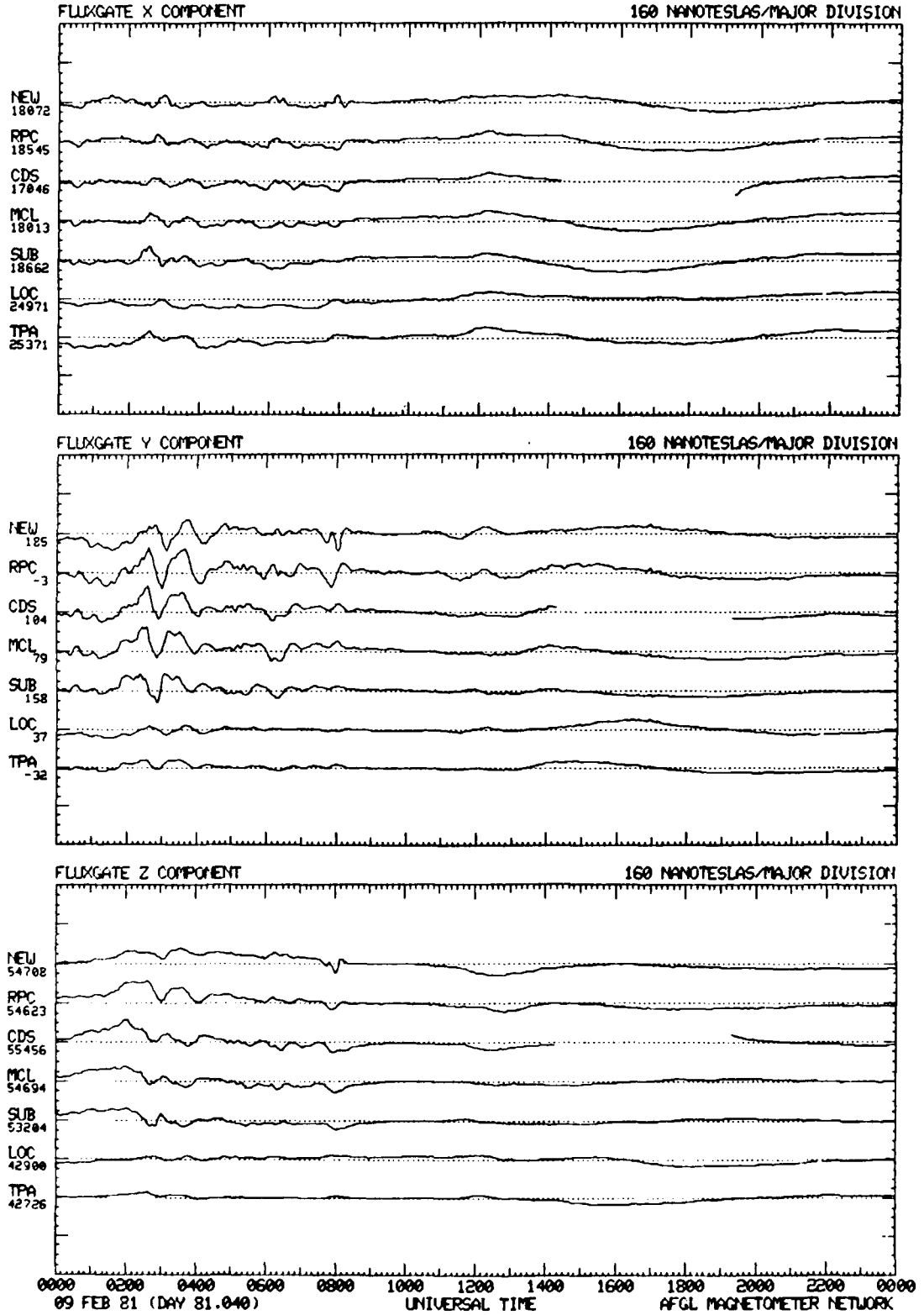
This section presents a stacked-magnetogram plot for each of the following days of 1981, using an amplitude scale of 160 or 400 nT per major division:

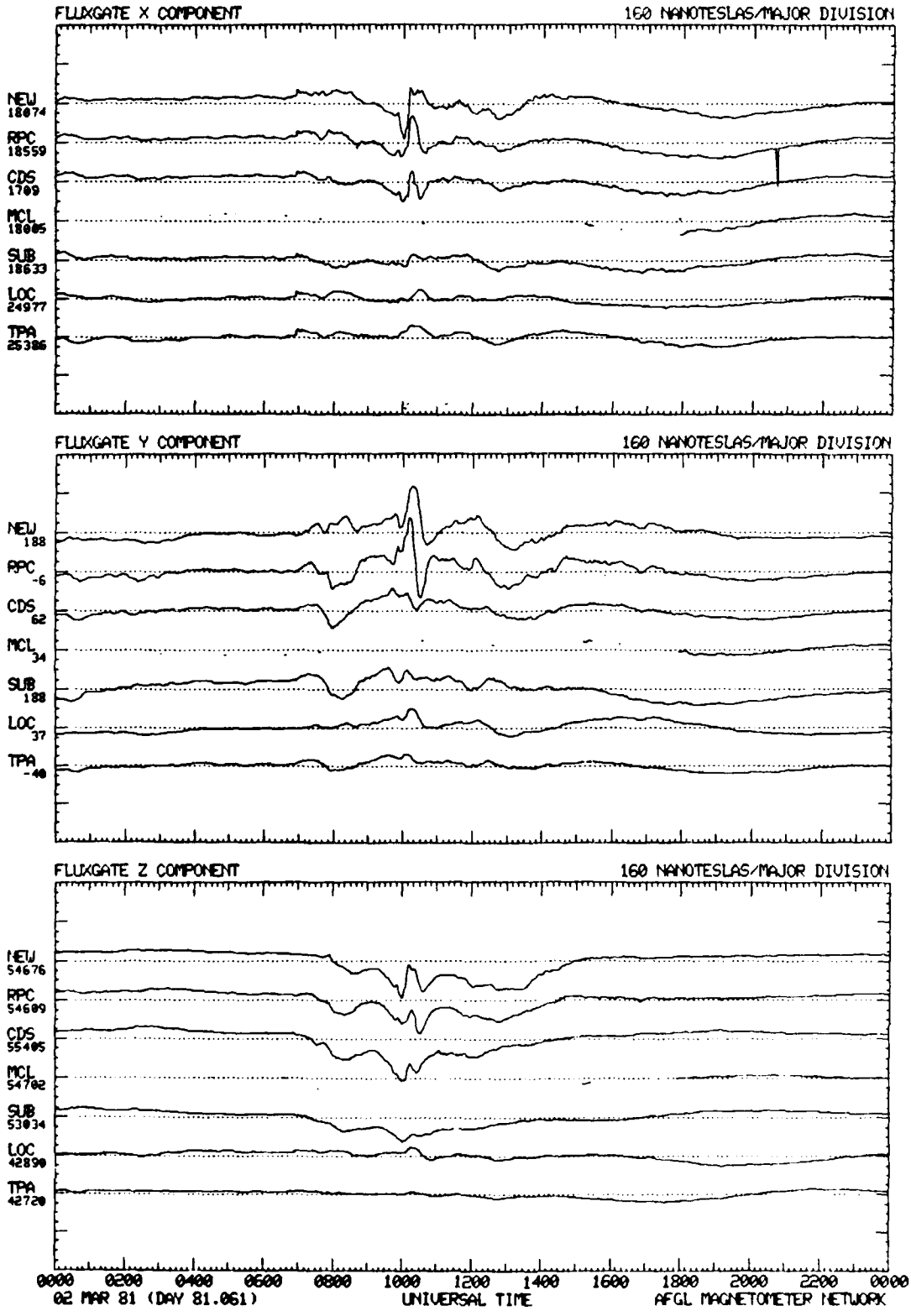
January	none
February	05, 06, 07, 09
March	02, 05, 14, 15, 25, 26
April	11, 12, 13, 14, 21, 22, 26, 27, 29
May	09, 10, 11, 15, 16, 17, 18
June	none
July	17, 25, 26
August	29
September	18, 19
October	08, 11, 14, 15, 20, 21, 22, 23
November	08, 11, 12, 14
December	none

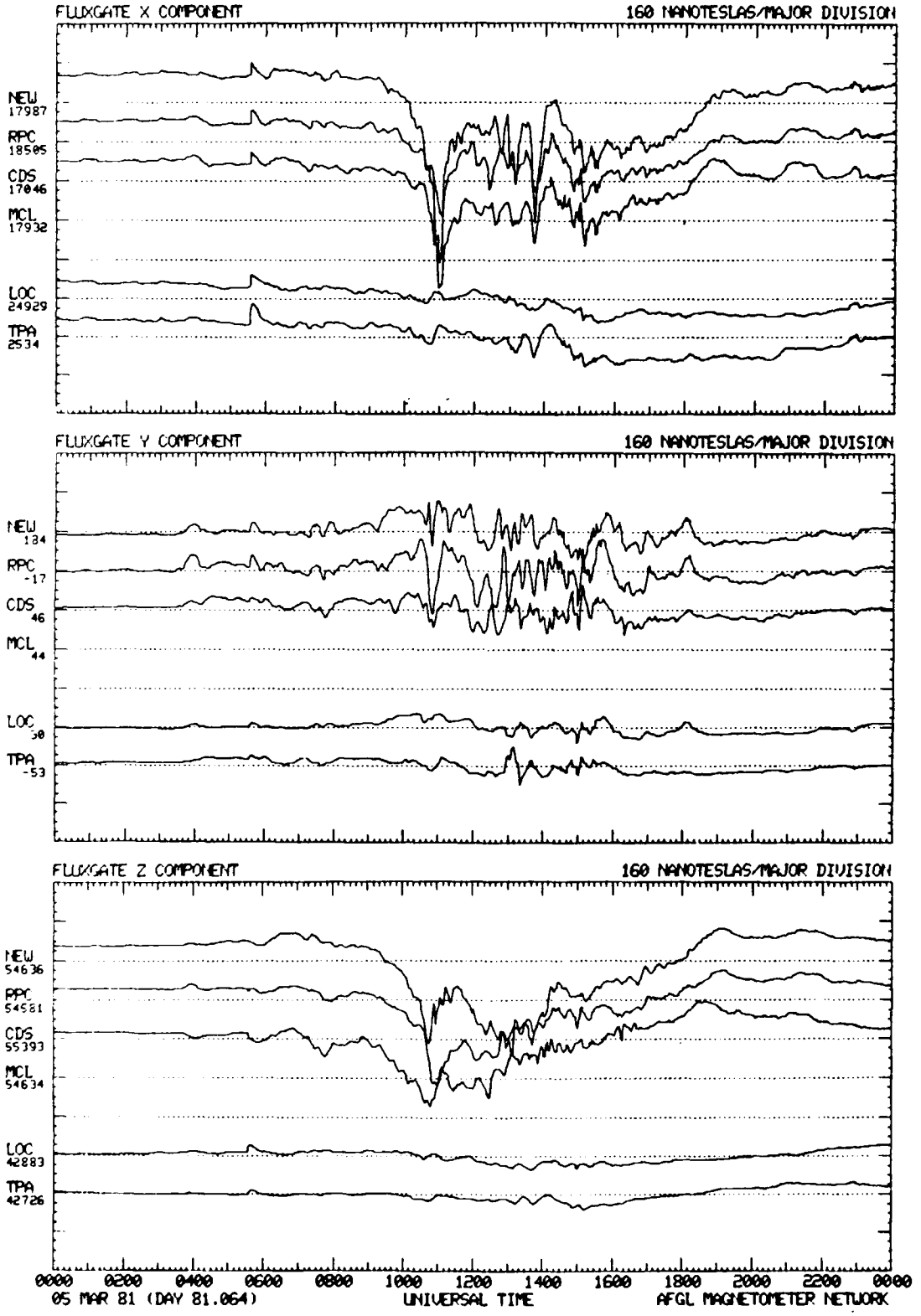

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18083
RPC 18566
CDS 17060
MCL 18008
SUB 18679
LOC 24992
TPA 25390
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18
RPC 6
CDS 105
MCL 69
SUB 150
LOC 33
TPA -3
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54673
RPC 54610
CDS 55425
MCL 54674
SUB 53175
LOC 42886
TPA 42706
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 FEB 81 (DAY 81.036)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

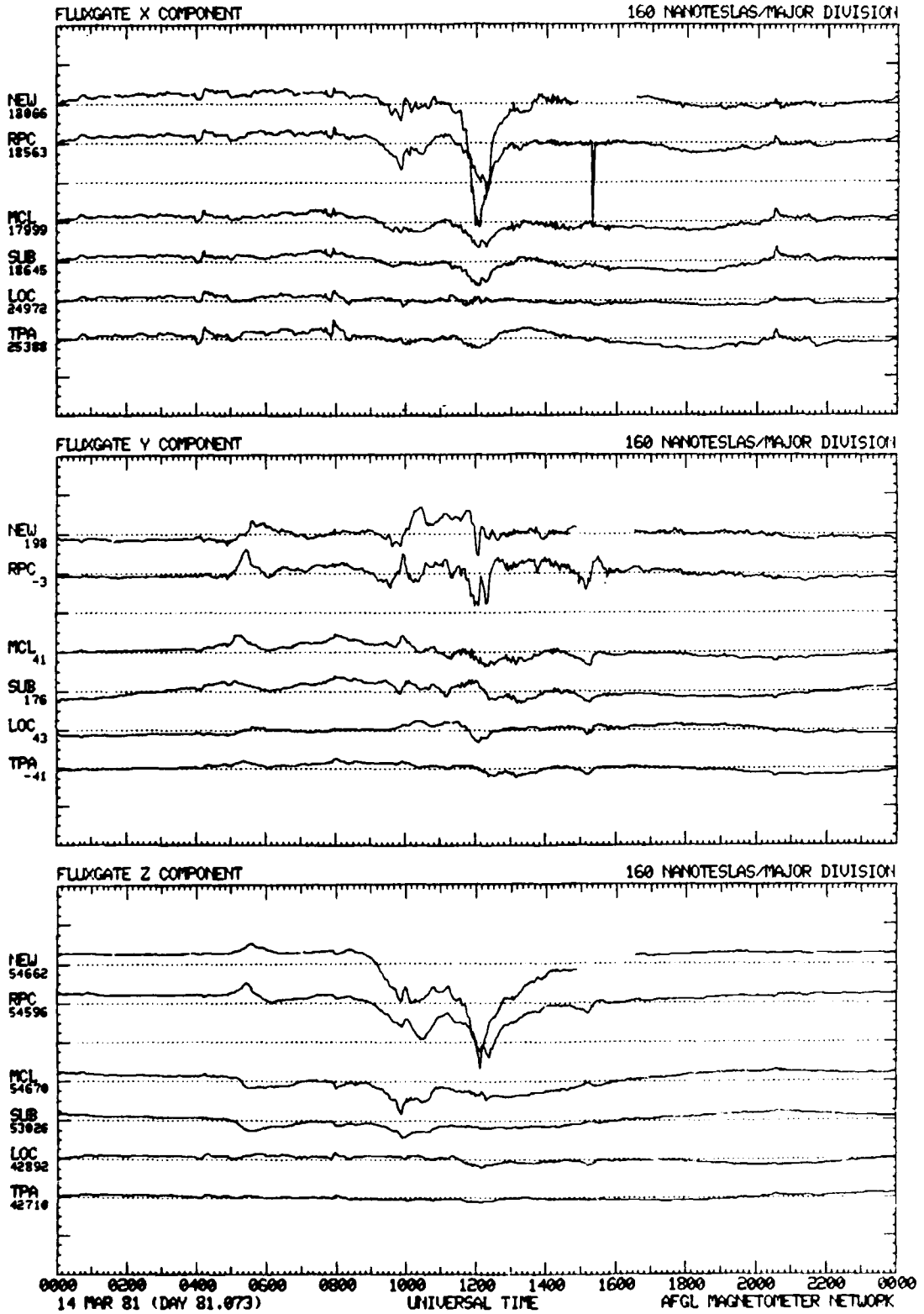

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18064
RPC 18547
CDS 17045
MCL 18001
SUB 18665
LOC 24973
TPA 25360
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 169
RPC -13
CDS 92
MCL 64
SUB 144
LOC 25
TPA -42
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54678
RPC 54620
CDS 55448
MCL 54707
SUB 53202
LOC 4288
TPA 42715
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
06 FEB 81 (DAY 81.037)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18073
RPC 18552
CDS 17042
MCL 18091
SUB 18654
LOC 24958
TPA 25360
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 179
RPC -3
CDS 103
MCL 72
SUB 159
LOC 30
TPA -33
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54716
RPC 54648
CDS 55464
MCL 54715
SUB 53218
LOC 42903
TPA 42734
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
07 FEB 81 (DAY 81.038)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18072
RPC 18545
CDS 17046
MCL 18013
SUB 18662
LOC 24971
TPA 25371
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 185
RPC -3
CDS 104
MCL 79
SUB 158
LOC 37
TPA -32
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54708
RPC 54623
CDS 55456
MCL 54694
SUB 53204
LOC 42900
TPA 42726
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 FEB 81 (DAY 81.040)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

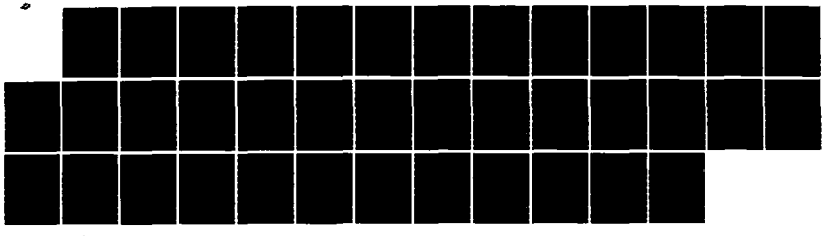

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18074
RPC 18559
CDS 1709
MCL 18085
SUB 18633
LOC 24977
TPA 25386
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 188
RPC -6
CDS 62
MCL 34
SUB 188
LOC 37
TPA -40
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54676
RPC 54609
CDS 55405
MCL 54702
SUB 53034
LOC 42890
TPA 42720
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
02 MAR 81 (DAY 81.061)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

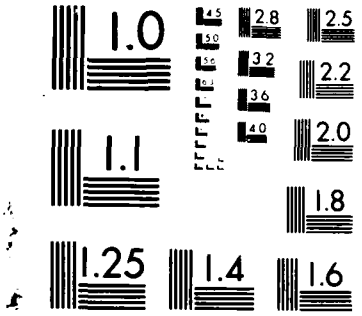

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
17987
RPC
18505
CDS
17046
MCL
17932
LOC
24929
TPA
2534
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
184
RPC
-17
CDS
46
MCL
44
LOC
50
TPA
-53
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54636
RPC
54581
CDS
55393
MCL
54634
LOC
42883
TPA
42726
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
05 MAR 81 (DAY 81.064)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18066
RPC 18563
MCL 17999
SUB 18645
LOC 24972
TPA 25388
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 198
RPC -3
MCL 41
SUB 176
LOC 43
TPA -41
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54662
RPC 54596
MCL 54670
SUB 53026
LOC 42892
TPA 42710
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 MAR 81 (DAY 81.073)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

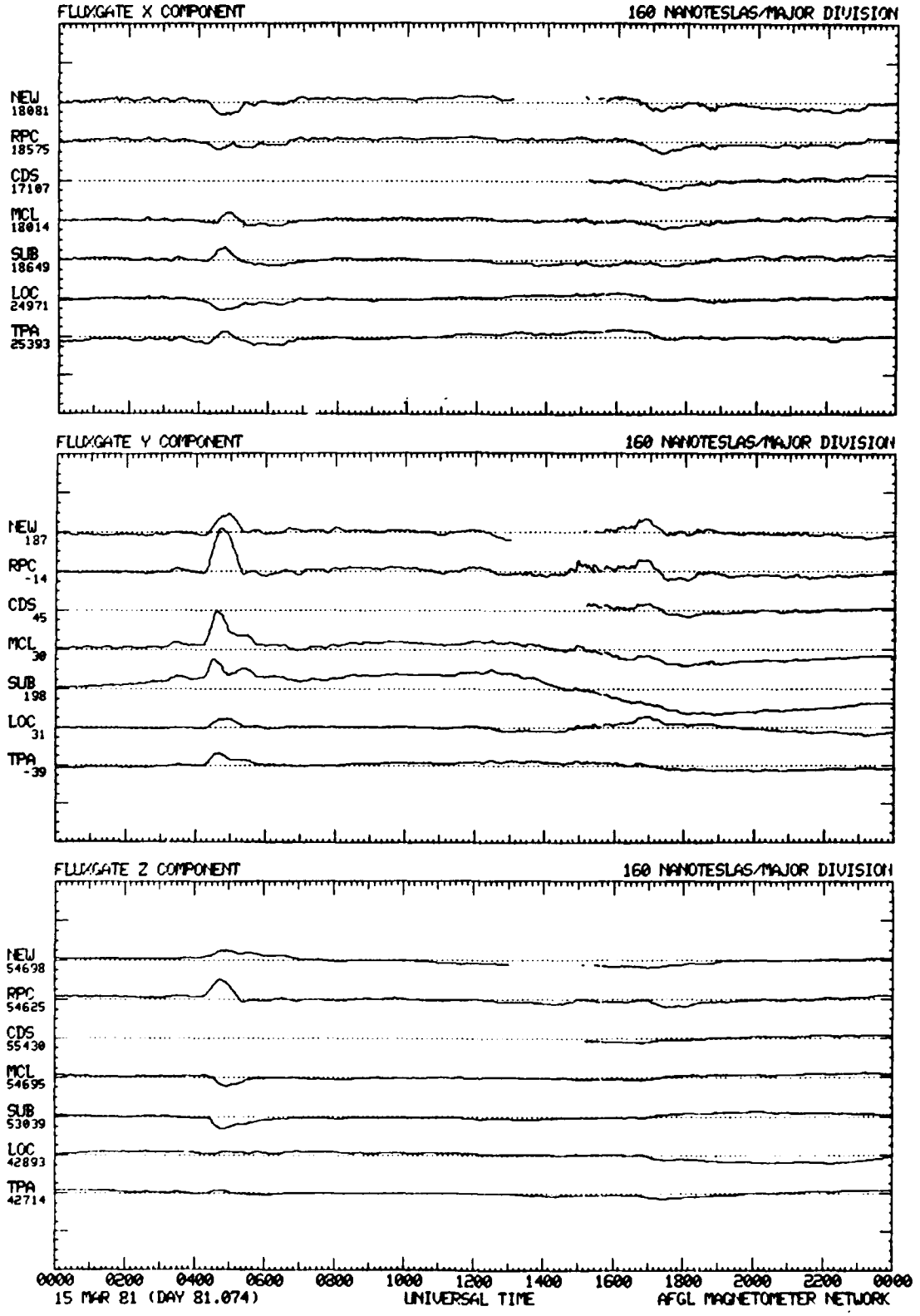
AD-A173 958 DAILY MAGNETOGRAMS FOR 1981 FROM THE AFGL (AIR FORCE GEOPHYSICS LABORATORY) NETWORK(U) AIR FORCE GEOPHYSICS LAB HANSCOM AFB MA D J KNECHT 28 FEB 85 5/5

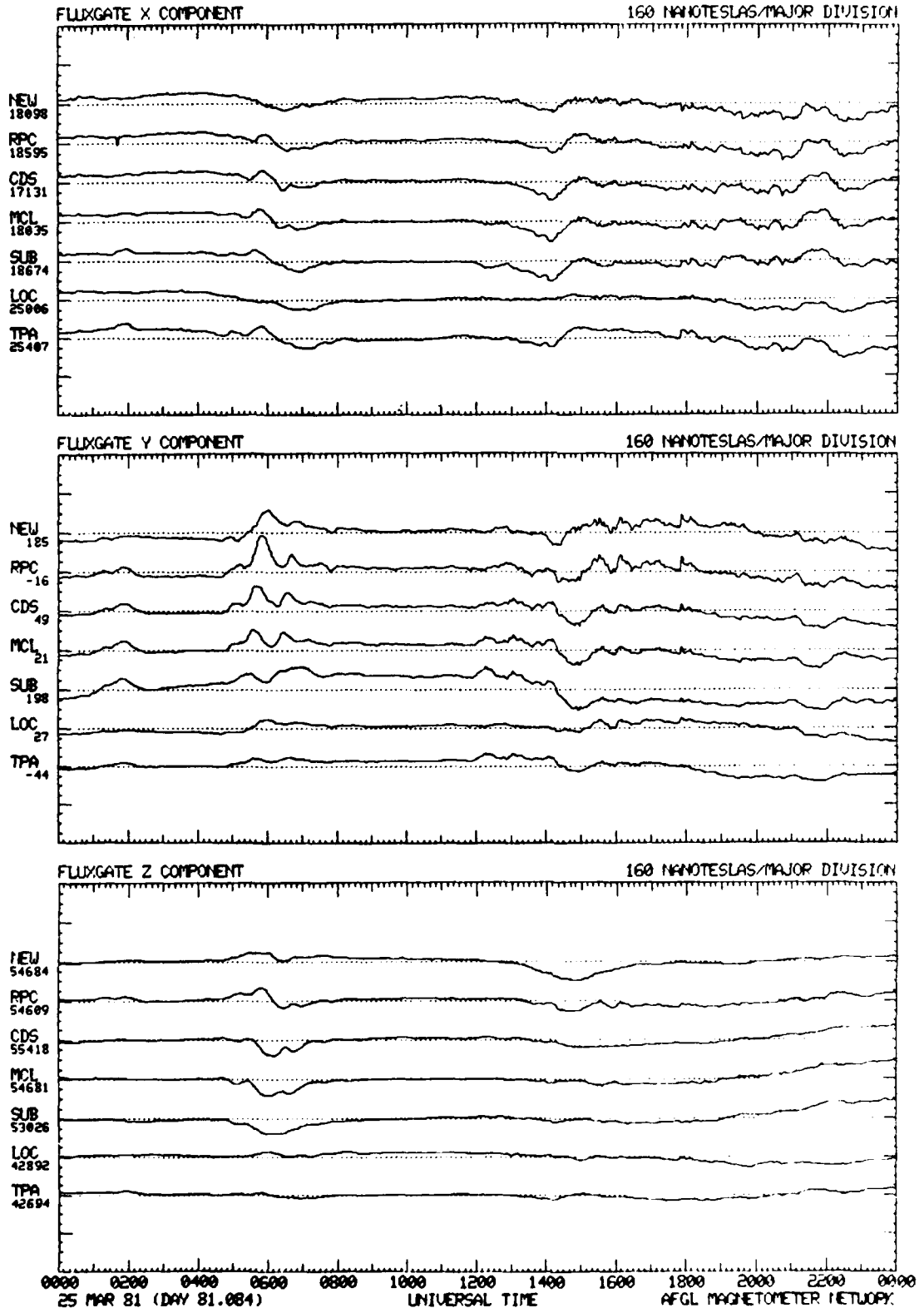
UNCLASSIFIED AFGL-TR-85-0030 F/G 4/1 NL

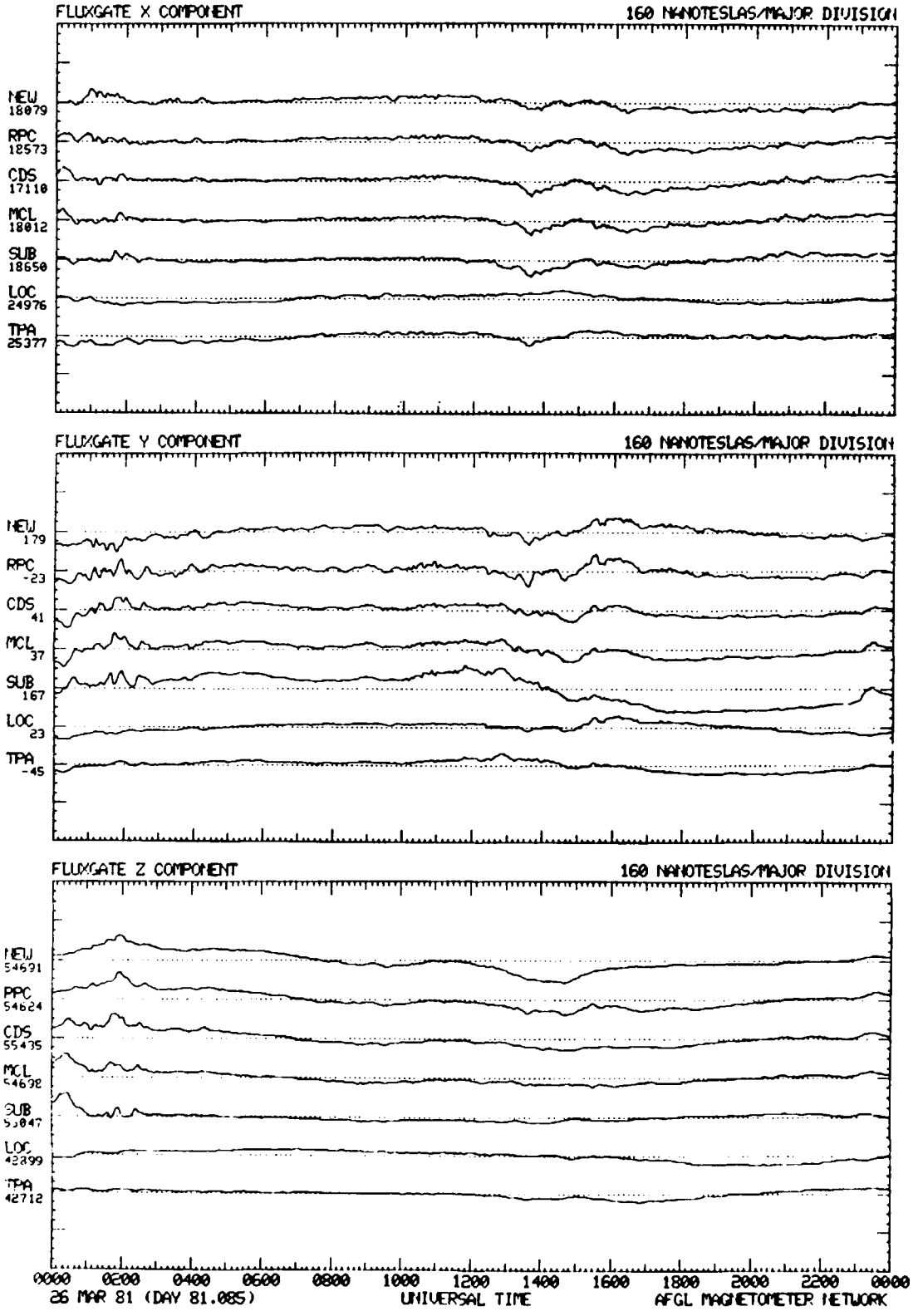


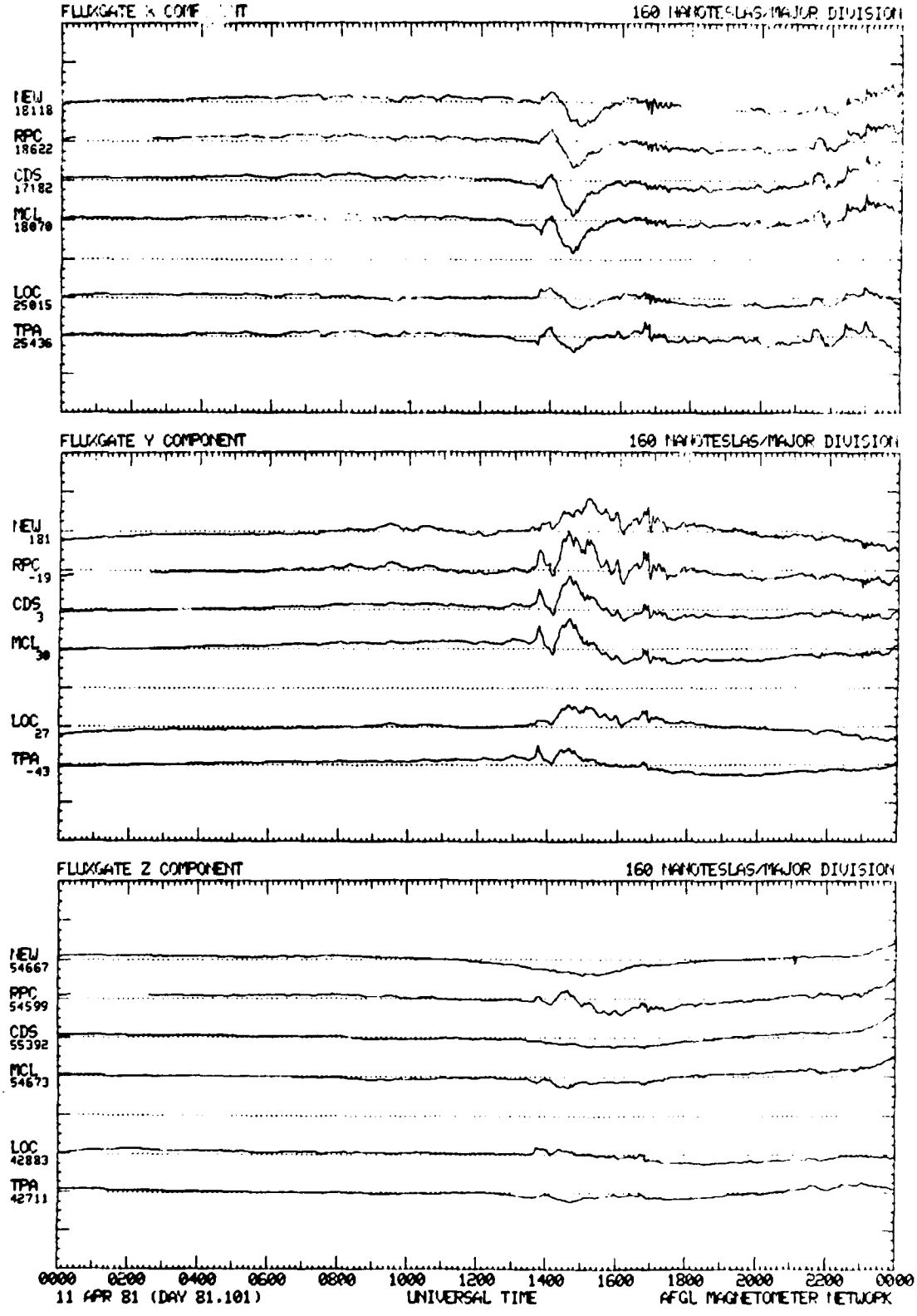


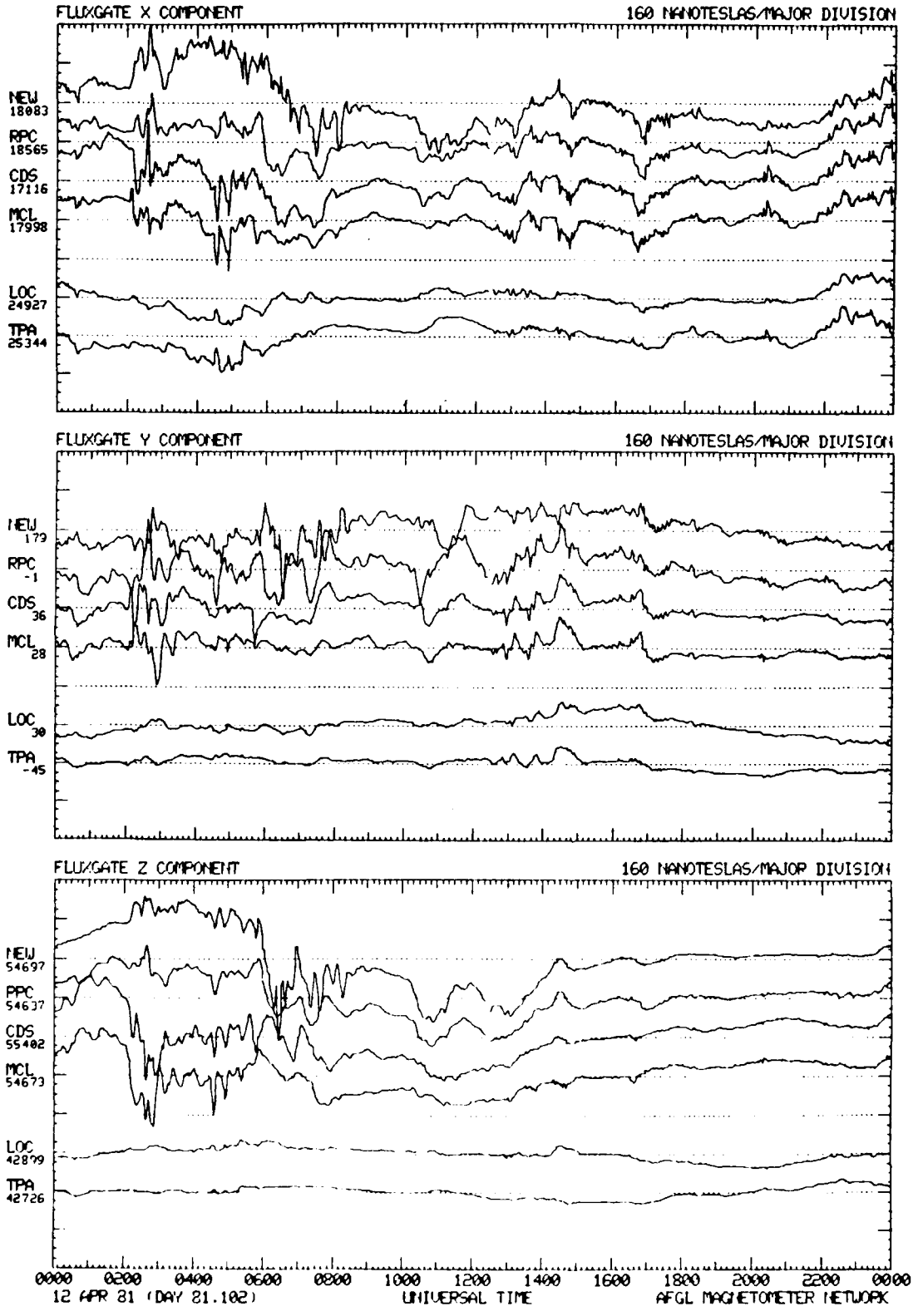
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

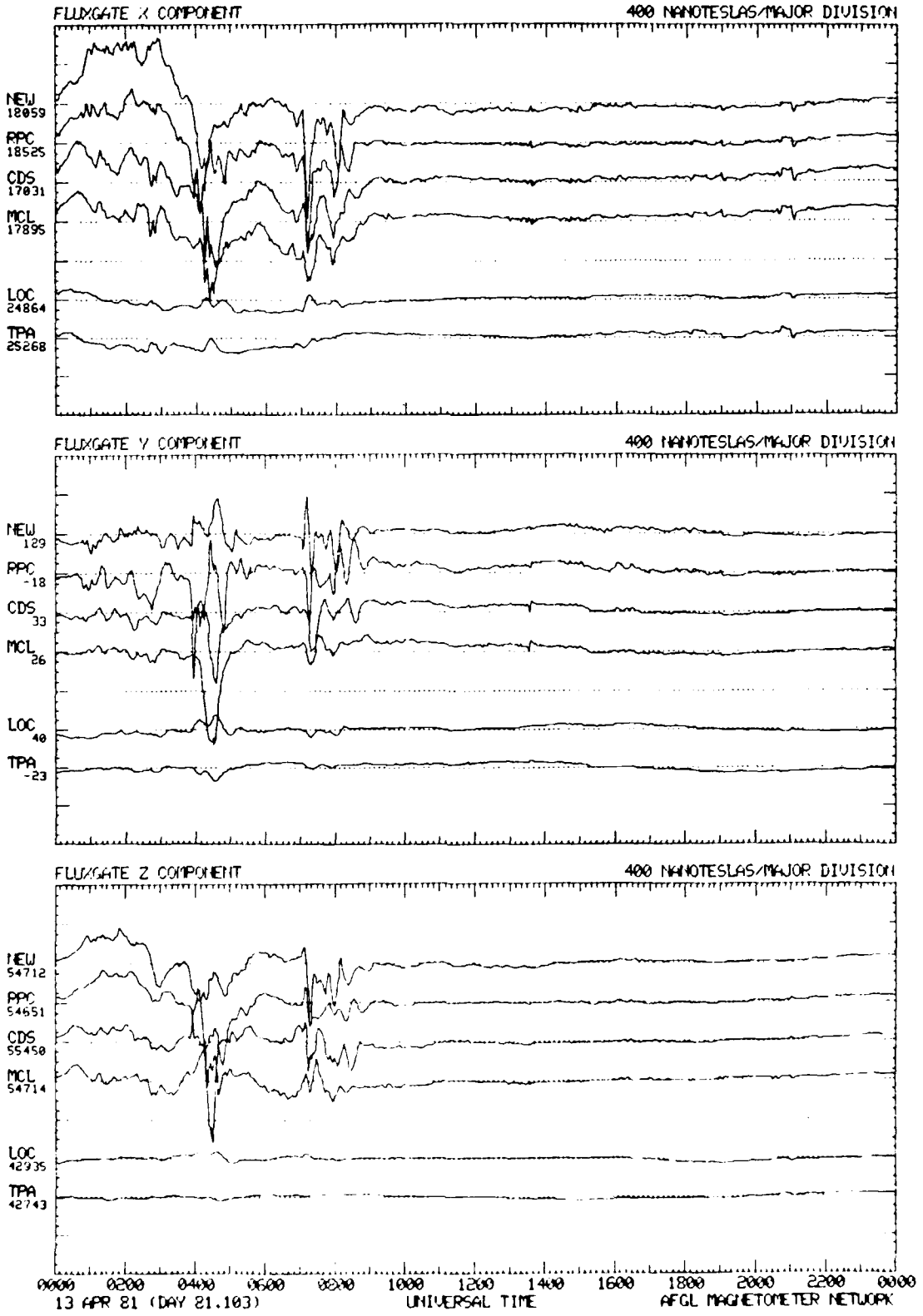

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18081
RPC 18575
CDS 17107
MCL 18014
SUB 18649
LOC 24971
TPA 25393
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 187
RPC -14
CDS 45
MCL 30
SUB 198
LOC 31
TPA -39
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54698
RPC 54625
CDS 55430
MCL 54695
SUB 53039
LOC 42893
TPA 42714
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 MAR 81 (DAY 81.074)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

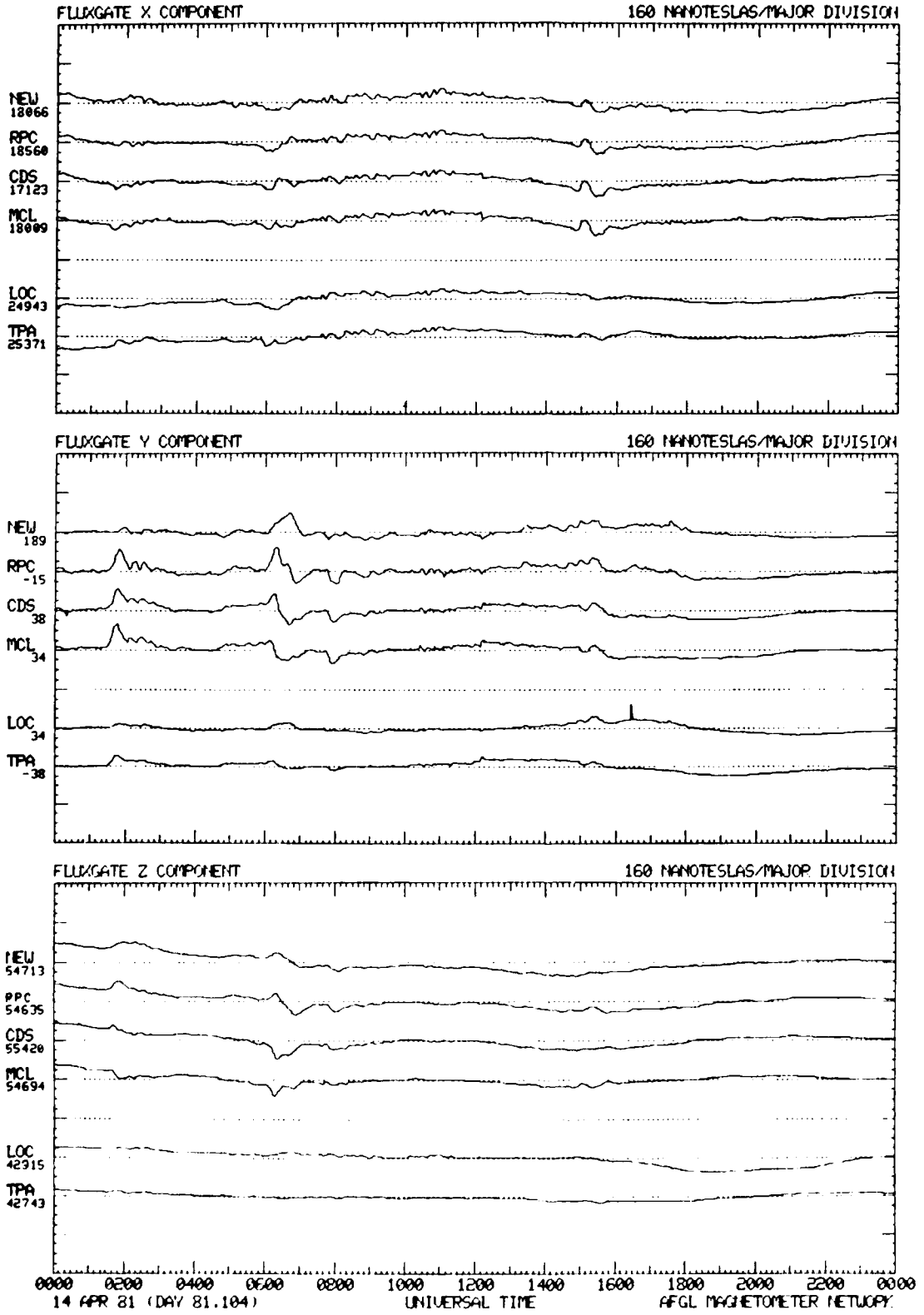

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18098
RPC 18595
CDS 17131
MCL 18035
SUB 18674
LOC 25006
TPA 25407
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 125
RPC -16
CDS 49
MCL 21
SUB 198
LOC 27
TPA -44
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54684
RPC 54609
CDS 55418
MCL 54681
SUB 53026
LOC 42892
TPA 42694
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 MAR 81 (DAY 81.084)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

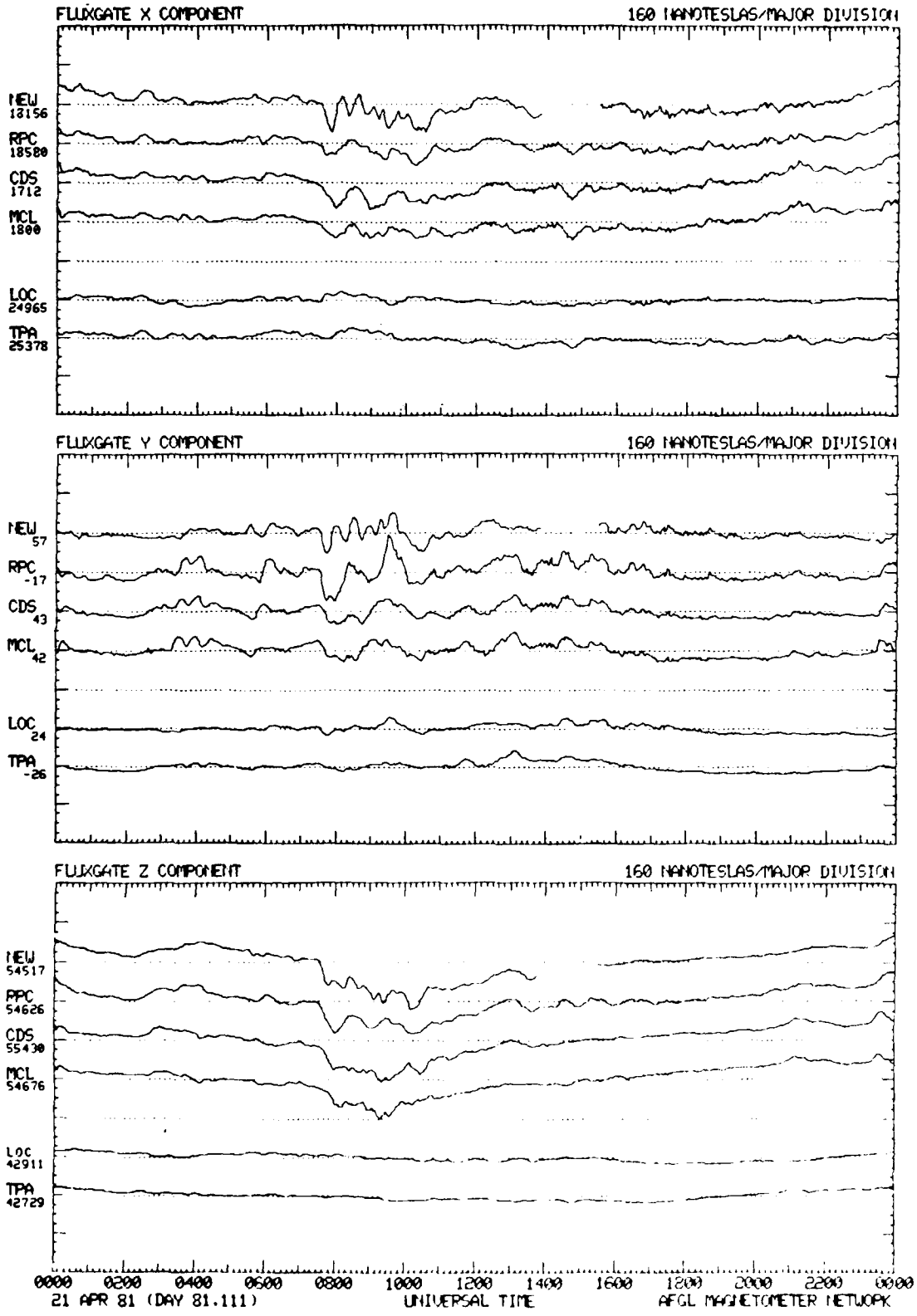

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18079
RPC 18573
CDS 17110
MCL 18012
SUB 18650
LOC 24976
TPA 25377
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 179
RPC -23
CDS 41
MCL 37
SUB 167
LOC 23
TPA -45
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54691
PPC 54624
CDS 55435
MCL 54698
SUB 55047
LOC 42899
TPA 42712
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 MAR 81 (DAY 81.085)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

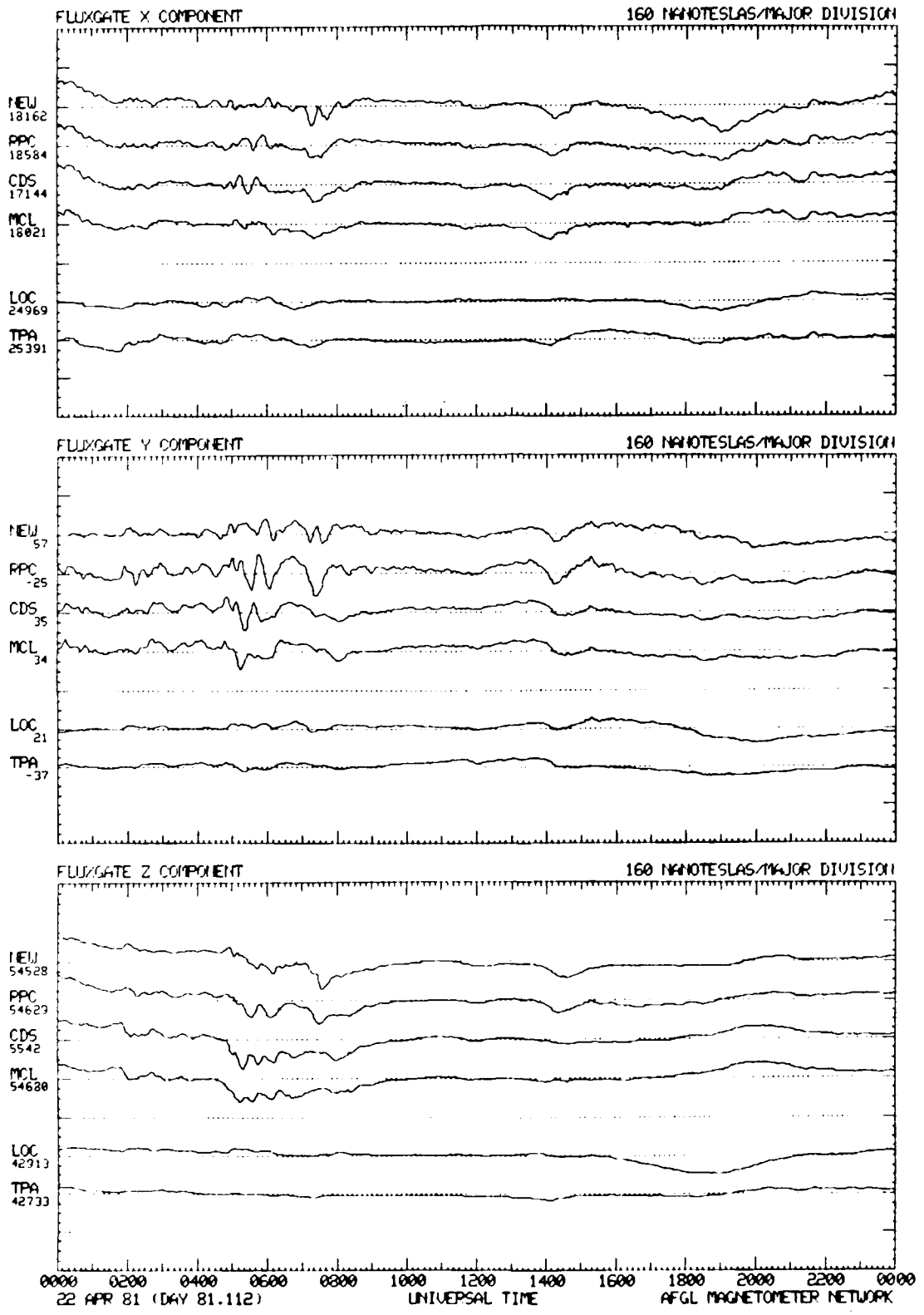

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18118
RPC 18622
CDS 17182
MCL 18070
LOC 25015
TPA 25436
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 181
RPC -19
CDS 3
MCL 30
LOC 27
TPA -43
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54667
RPC 54599
CDS 55392
MCL 54673
LOC 42883
TPA 42711
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 APR 81 (DAY 81.101)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

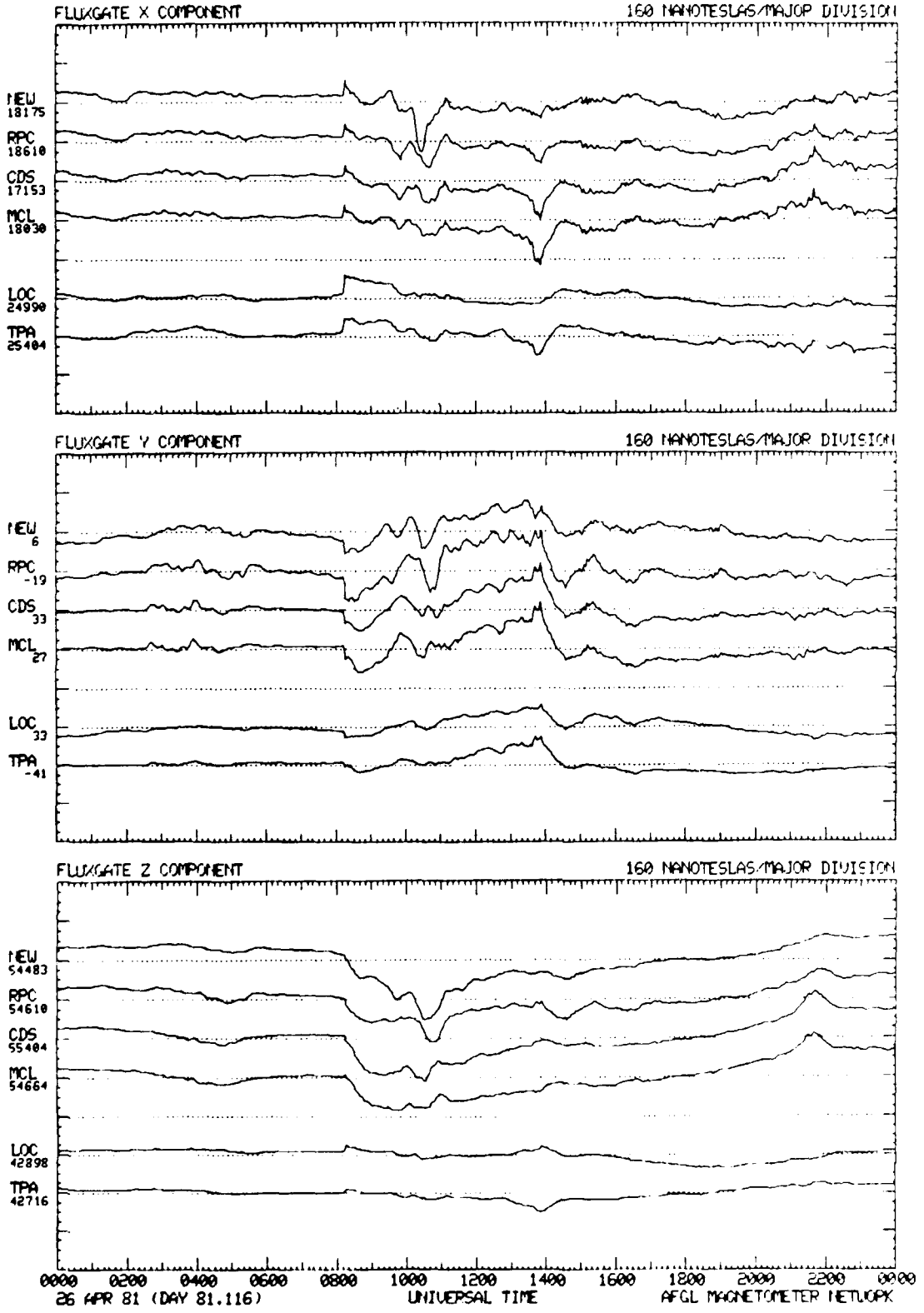

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18083
RPC
18565
CDS
17116
MCL
17998
LOC
24927
TPA
25344
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
179
RPC
-1
CDS
36
MCL
28
LOC
30
TPA
-45
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54697
RPC
54637
CDS
55402
MCL
54673
LOC
42879
TPA
42726
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
12 APR 81 (DAY 81.102)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

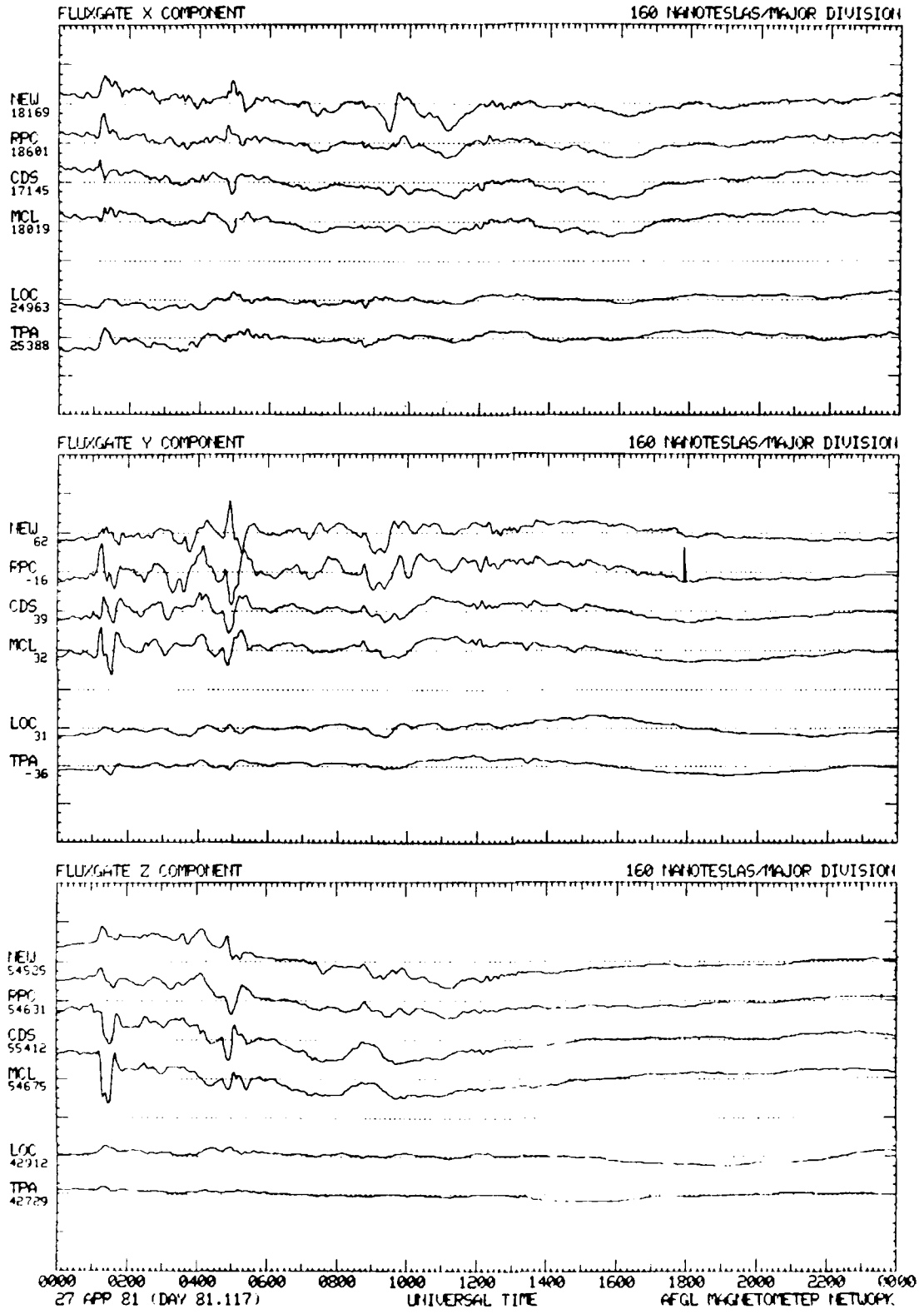

FLUXGATE X COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
18059
PPC
18525
CDS
17031
MCL
17895
LOC
24864
TPA
25268
FLUXGATE Y COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
129
PPC
-18
CDS
33
MCL
26
LOC
40
TPA
-23
FLUXGATE Z COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW
54712
PPC
54651
CDS
55450
MCL
54714
LOC
42935
TPA
42743
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
13 APR 81 (DAY 81.103)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

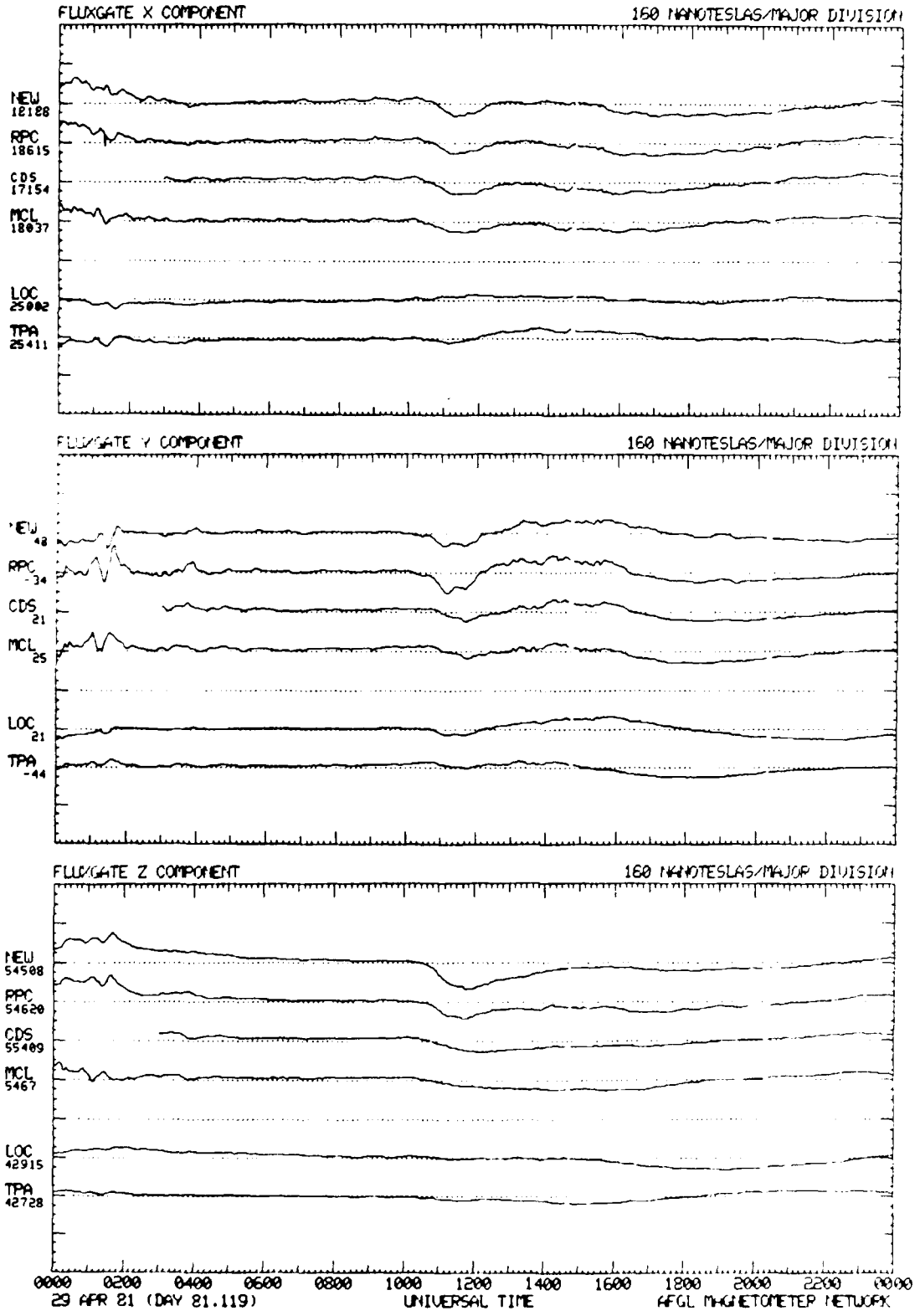

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18066
RPC 18560
CDS 17123
MCL 18009
LOC 24943
TPA 25371
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 189
RPC -15
CDS 38
MCL 34
LOC 34
TPA -38
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54713
RPC 54635
CDS 55420
MCL 54694
LOC 42915
TPA 42743
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 APR 81 (DAY 81.104)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

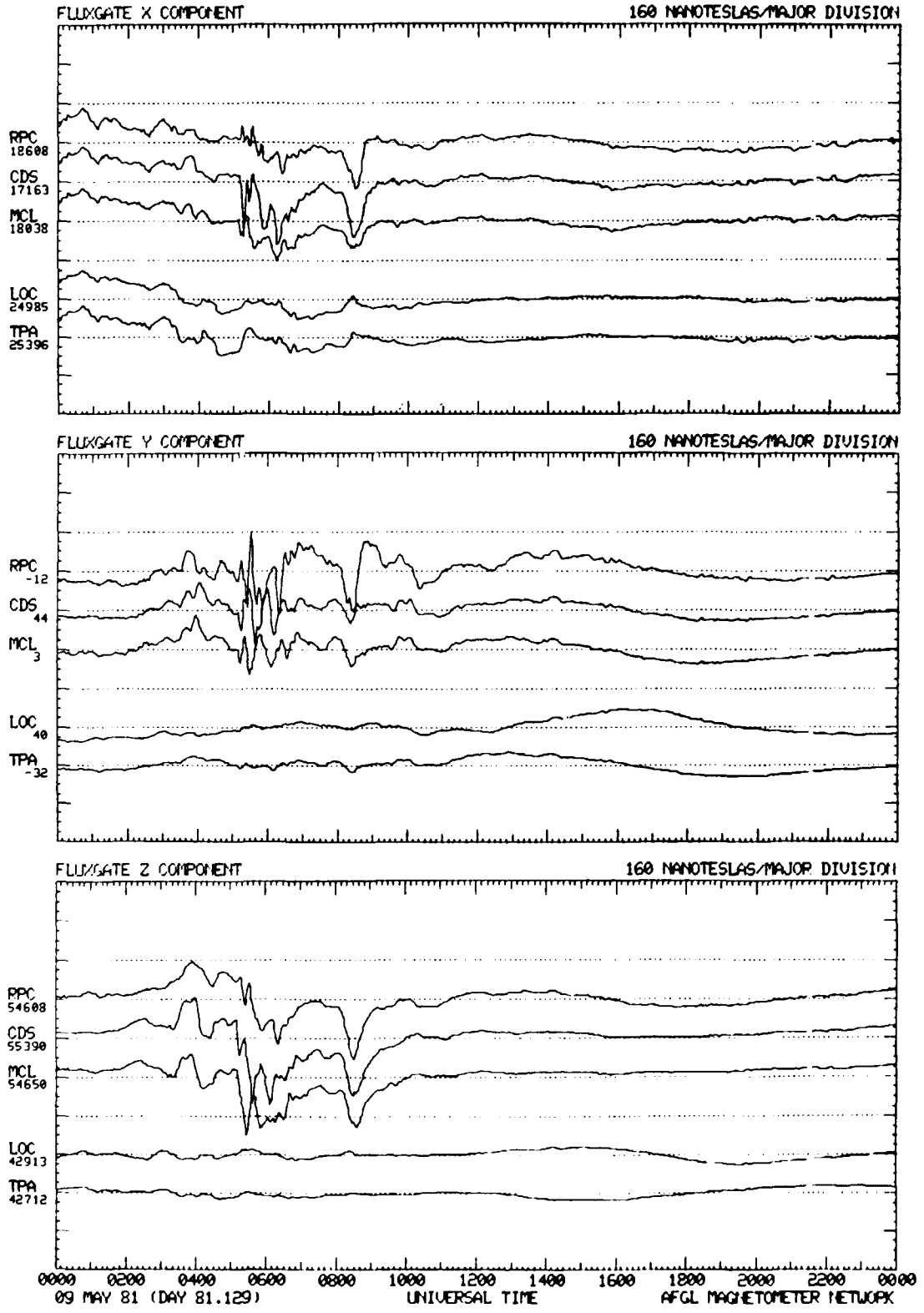

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18156
RPC
18580
CDS
1712
MCL
1800
LOC
24965
TPA
25378
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
57
RPC
-17
CDS
43
MCL
42
LOC
24
TPA
-26
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54517
RPC
54626
CDS
55430
MCL
54676
LOC
42911
TPA
42729
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 APR 81 (DAY 81.111)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

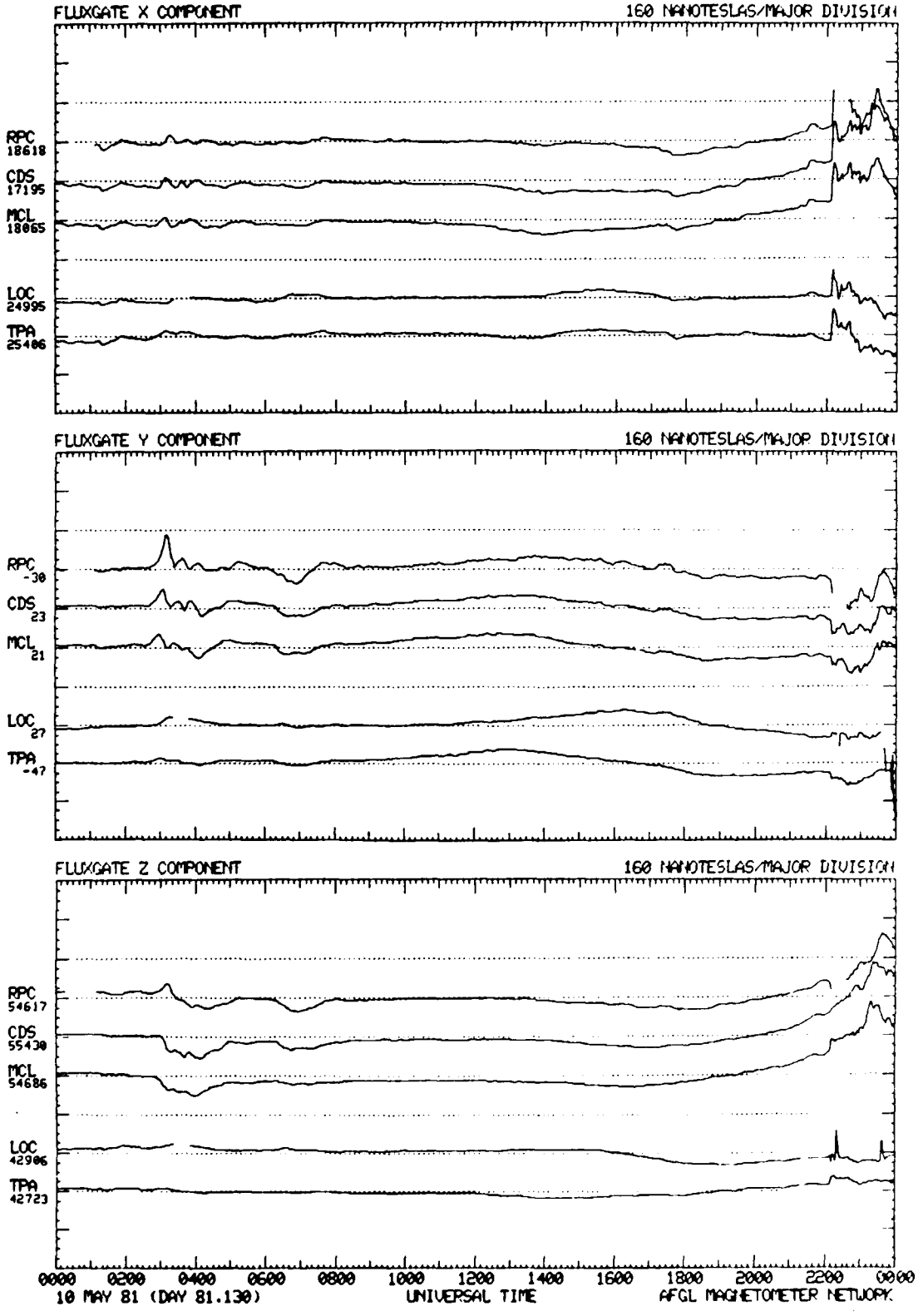

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18162
PPC
18584
CDS
17144
MCL
18021
LOC
24969
TPA
25391
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
57
PPC
-25
CDS
35
MCL
34
LOC
21
TPA
-37
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54528
PPC
54629
CDS
5542
MCL
54680
LOC
42913
TPA
42733
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
22 APR 81 (DAY 81.112)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

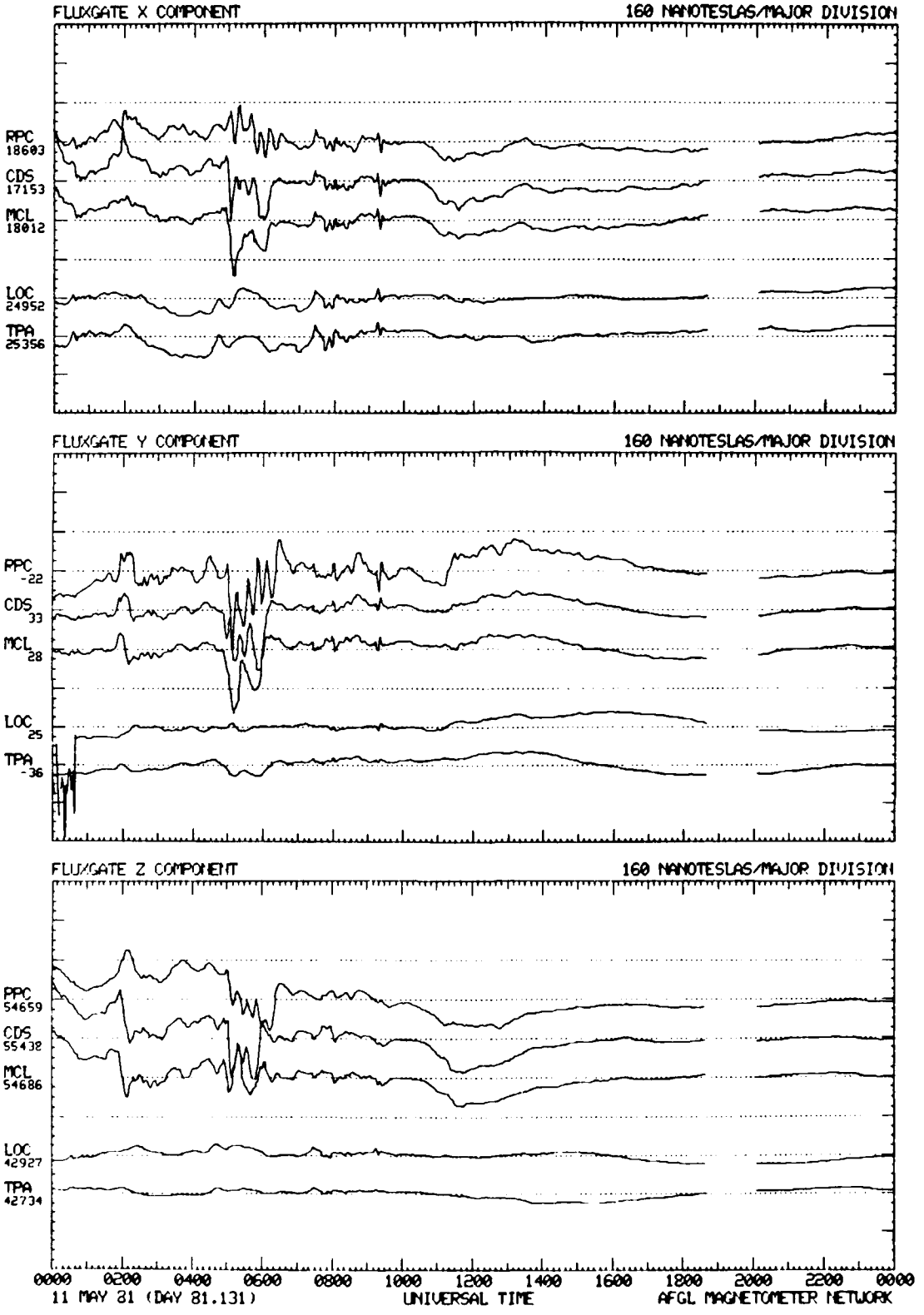

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18175
RPC 18610
CDS 17153
MCL 18030
LOC 24990
TPA 25404
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 6
RPC -19
CDS 33
MCL 27
LOC 33
TPA -41
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54483
RPC 54610
CDS 55404
MCL 54664
LOC 42898
TPA 42716
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 APR 81 (DAY 81.116)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

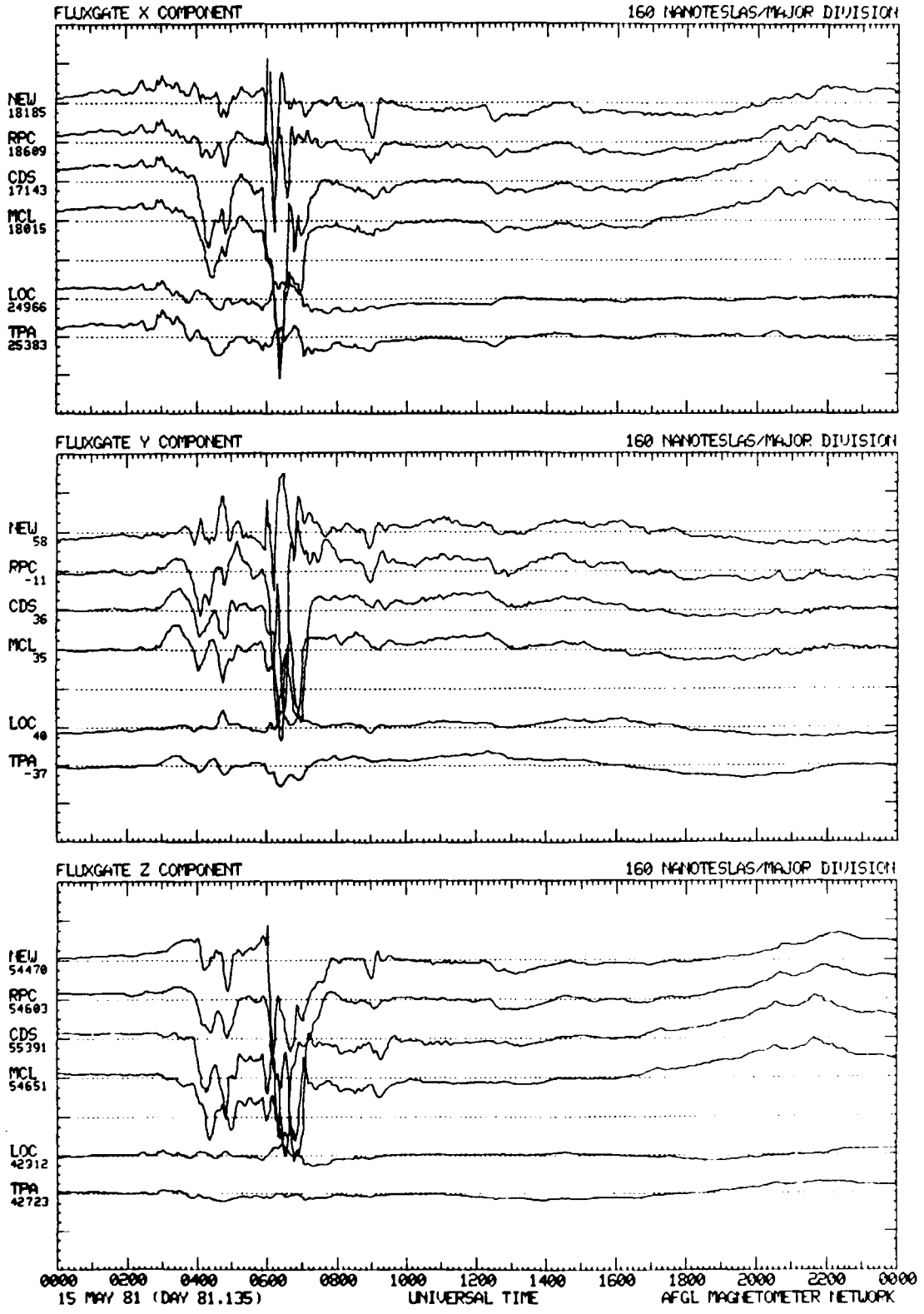

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18169
FRD
18601
CDS
17145
MCL
18019
LOC
24963
TPA
25388
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
62
FRD
-16
CDS
39
MCL
32
LOC
31
TPA
-36
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54535
FRD
54631
CDS
55412
MCL
54675
LOC
42912
TPA
42729
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
27 APR 81 (DAY 81.117)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

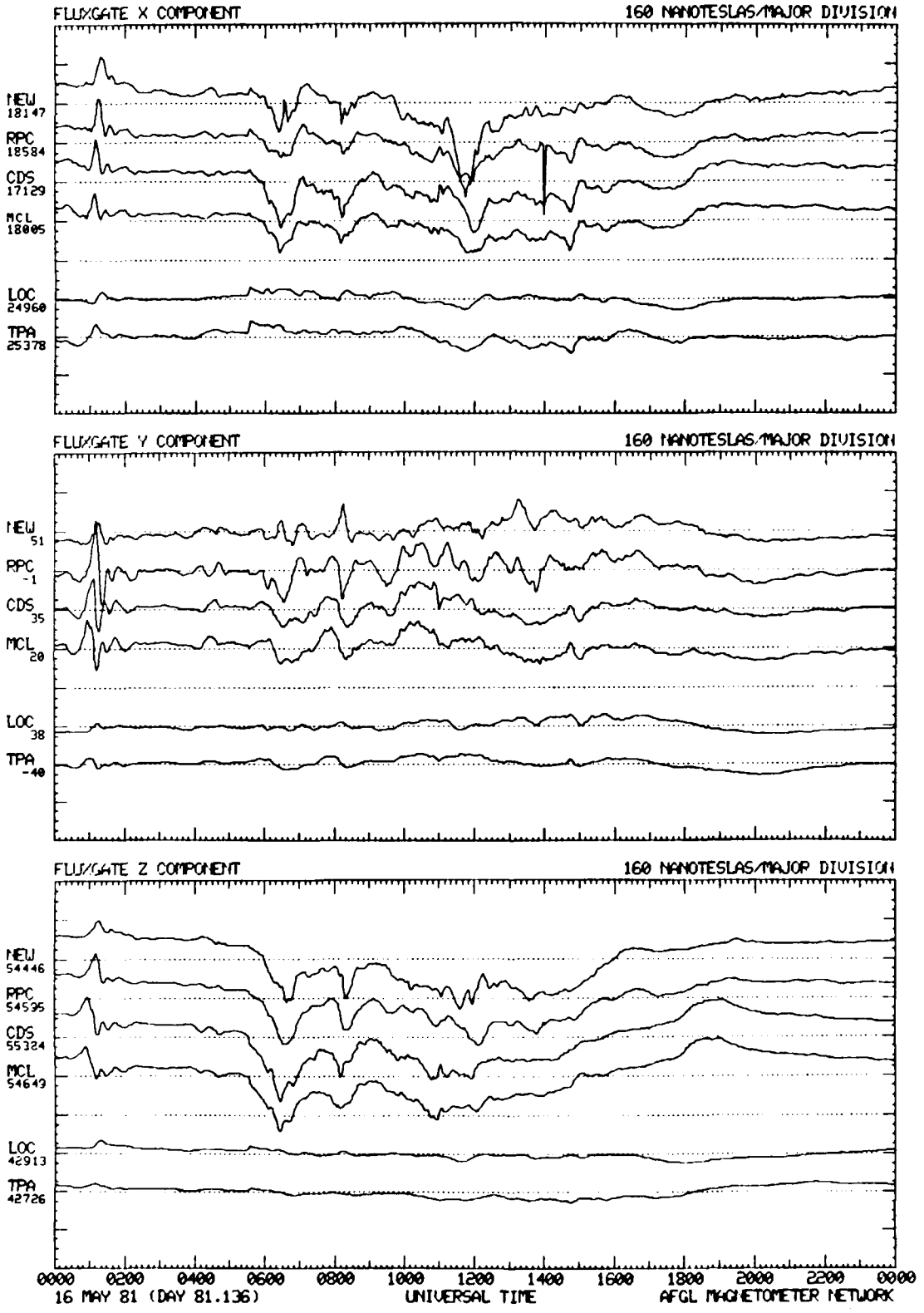

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
12188
RPC
18615
CDS
17154
MCL
18037
LOC
25002
TPA
25411
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
48
RPC
-34
CDS
21
MCL
25
LOC
21
TPA
-44
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54508
RPC
54620
CDS
55409
MCL
5467
LOC
42915
TPA
42728
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 APR 81 (DAY 81.119)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

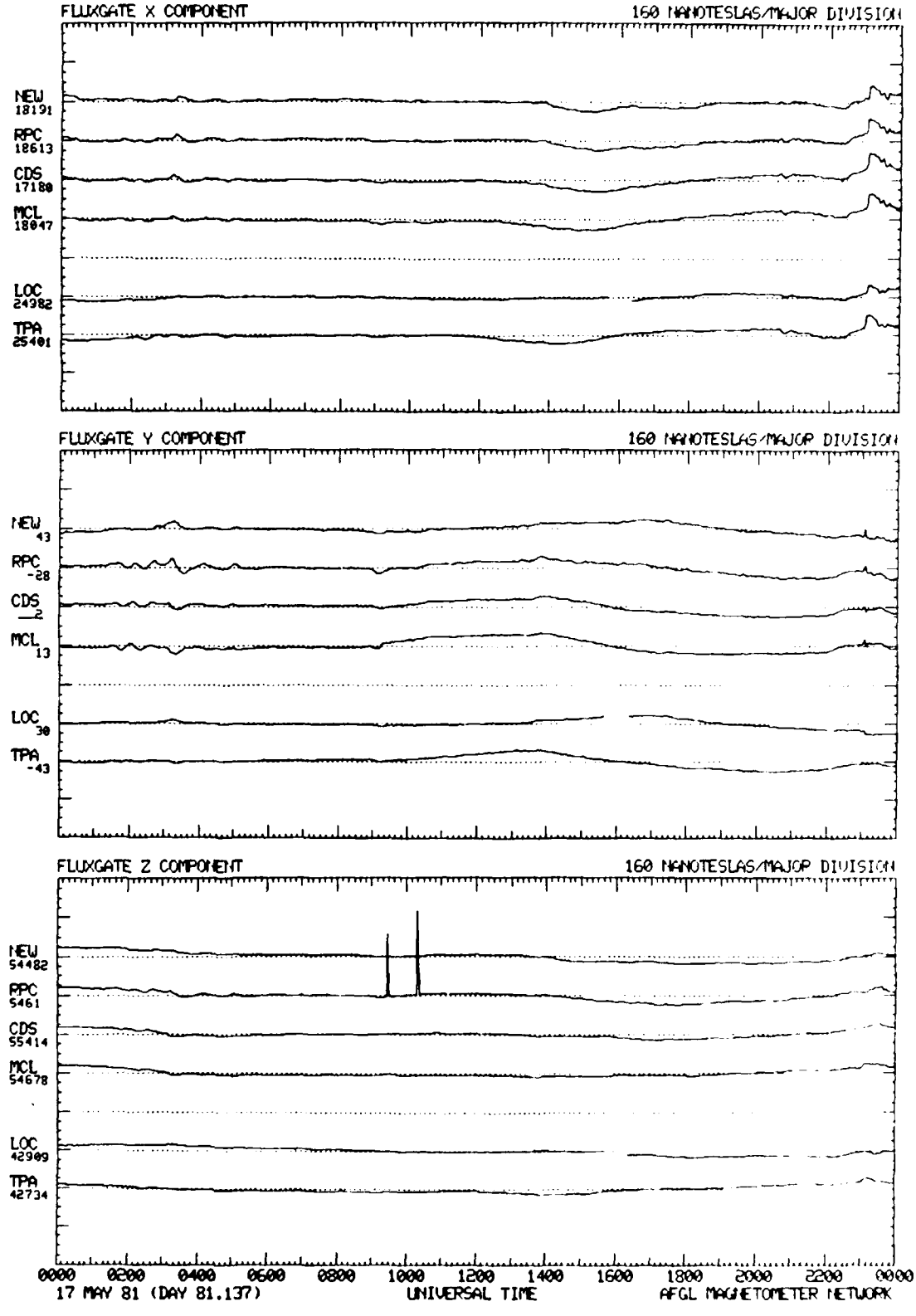

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC
18608
CDS
17163
MCL
18038
LOC
24985
TPA
25396
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC
-12
CDS
44
MCL
3
LOC
40
TPA
-32
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC
54608
CDS
55390
MCL
54650
LOC
42913
TPA
42712
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
09 MAY 81 (DAY 81.129)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC
18618
CDS
17195
MCL
18065
LOC
24995
TPA
25486
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC
-30
CDS
23
MCL
21
LOC
27
TPA
-47
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC
54617
CDS
55430
MCL
54686
LOC
42906
TPA
42723
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
10 MAY 81 (DAY 81.130)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC
18603
CDS
17153
MCL
18012
LOC
24952
TPA
25356
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
PPC
-22
CDS
33
MCL
28
LOC
25
TPA
-36
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
PPC
54659
CDS
55438
MCL
54686
LOC
42927
TPA
42734
0000
0200
0400
0600
0800
1000
1200
1400
1600
1800
2000
2200
0000
11 MAY 81 (DAY 81.131)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18185
RPC
18609
CDS
17143
MCL
18015
LOC
24966
TPA
25383
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
58
RPC
-11
CDS
36
MCL
35
LOC
40
TPA
-37
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54470
RPC
54603
CDS
55391
MCL
54651
LOC
42912
TPA
42723
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
15 MAY 81 (DAY 81.135)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18147
RPC 18584
CDS 17129
MCL 18005
LOC 24960
TPA 25378
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 51
RPC -1
CDS 35
MCL 20
LOC 38
TPA -40
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54446
RPC 54595
CDS 55324
MCL 54649
LOC 42913
TPA 42726
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
16 MAY 81 (DAY 81.136)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18191
RPC 18613
CDS 17180
MCL 18047
LOC 24982
TPA 25401
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 43
RPC -28
CDS -2
MCL 13
LOC 30
TPA -43
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54482
RPC 5461
CDS 55414
MCL 54678
LOC 42909
TPA 42734
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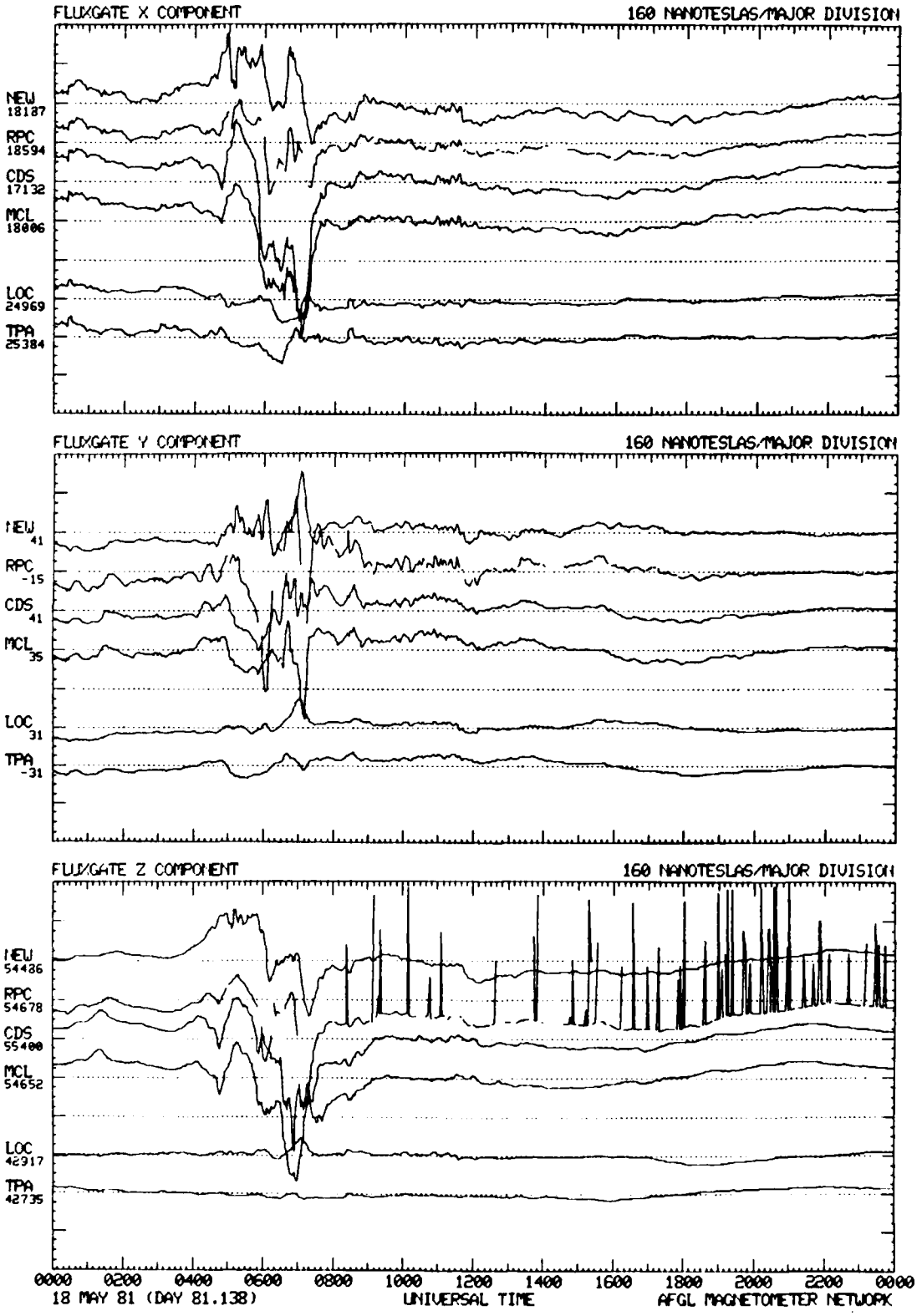
17 MAY 81 (DAY 81.137)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18187
RPC 18594
CDS 17132
MCL 18006
LOC 24969
TPA 25384
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 41
RPC -15
CDS 41
MCL 35
LOC 31
TPA -31
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54486
RPC 54678
CDS 55400
MCL 54652
LOC 42917
TPA 42735
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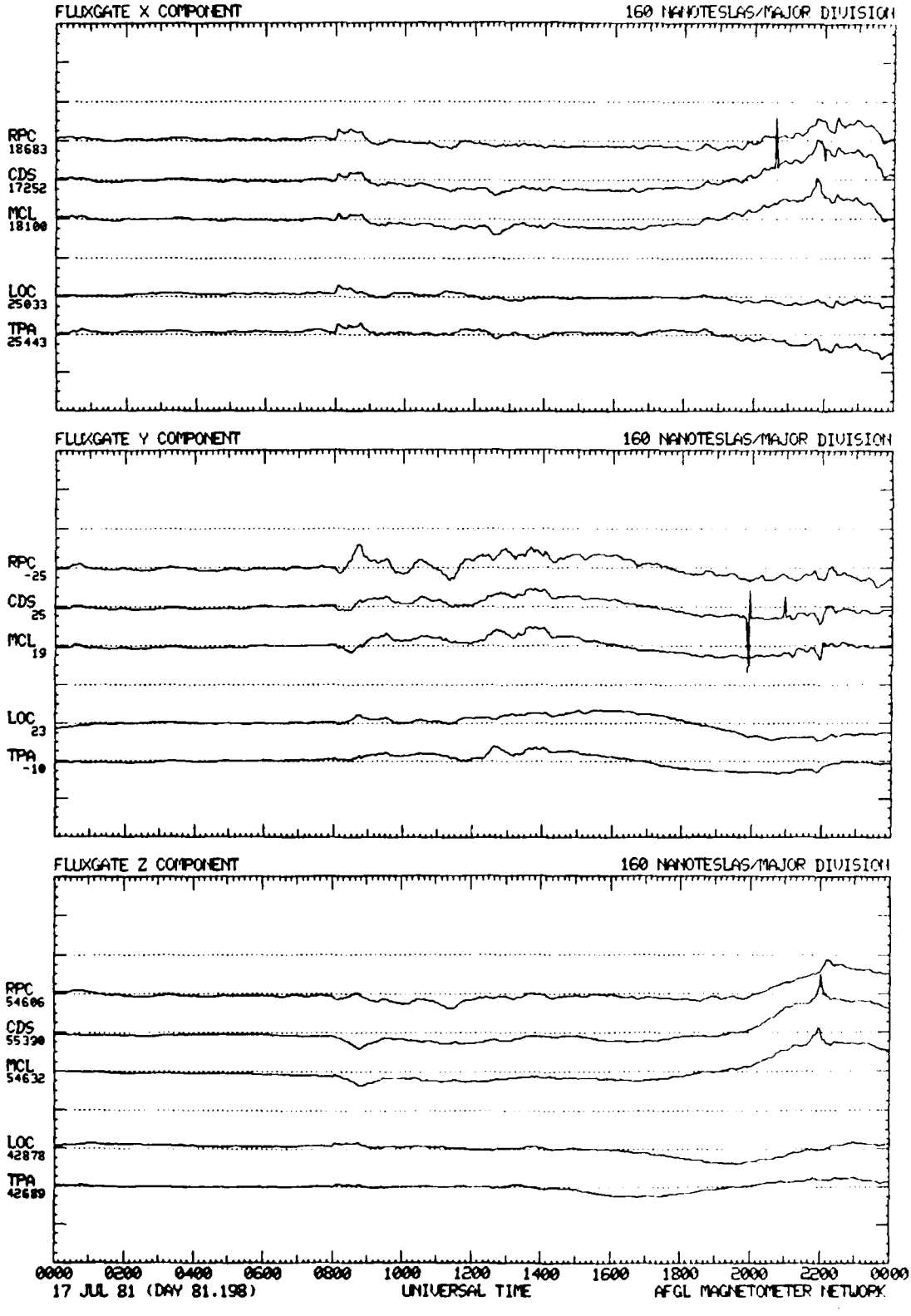
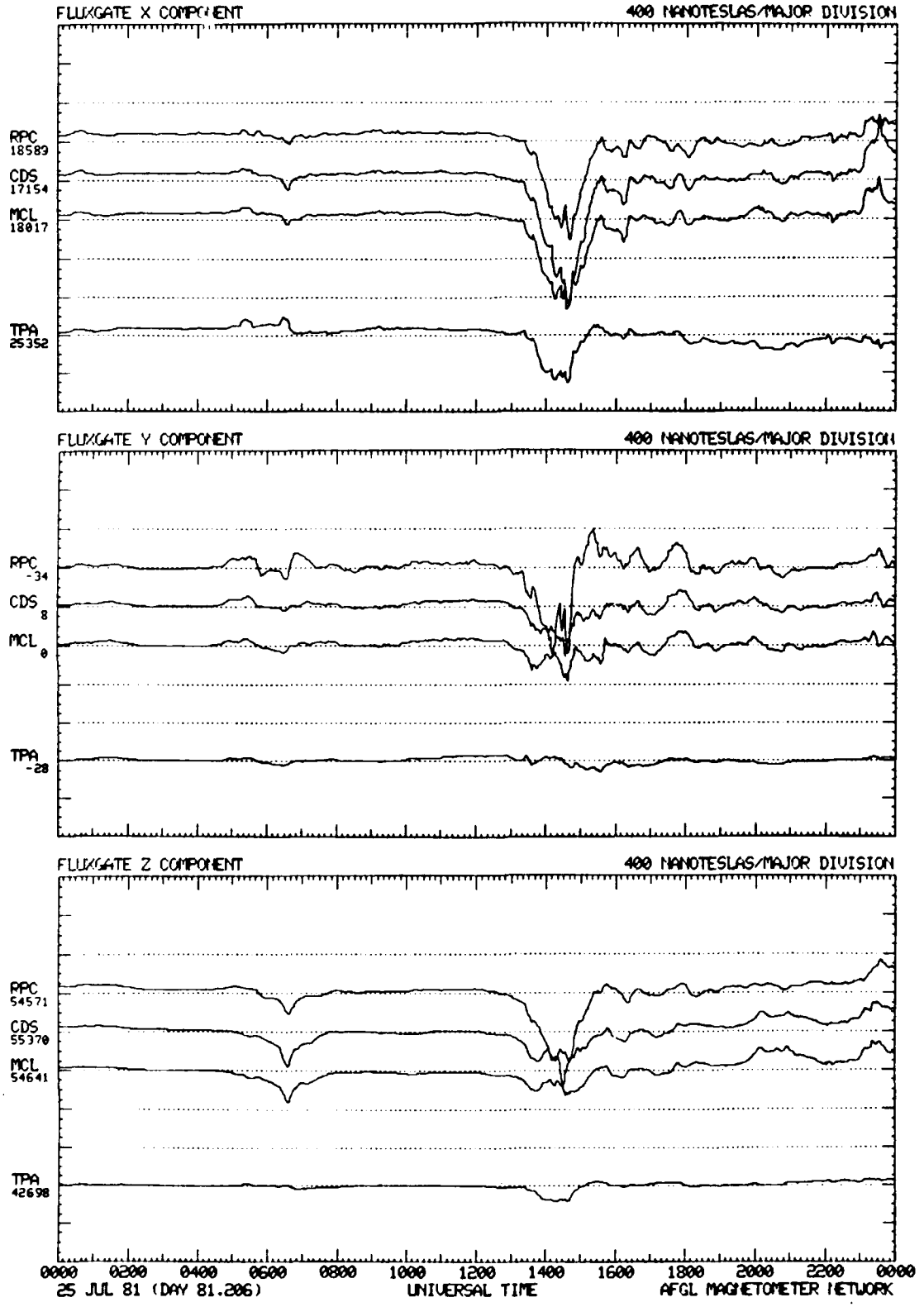
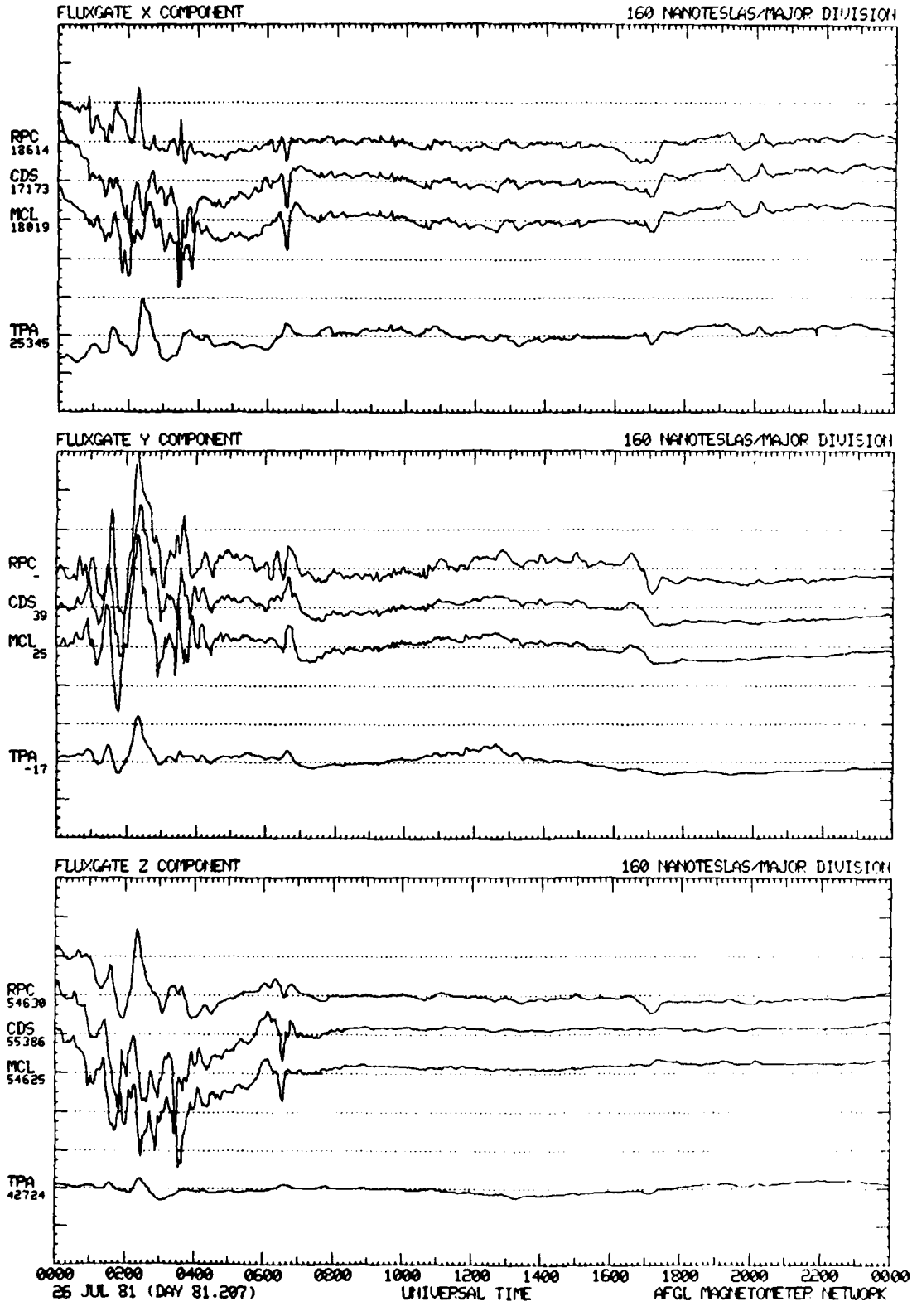
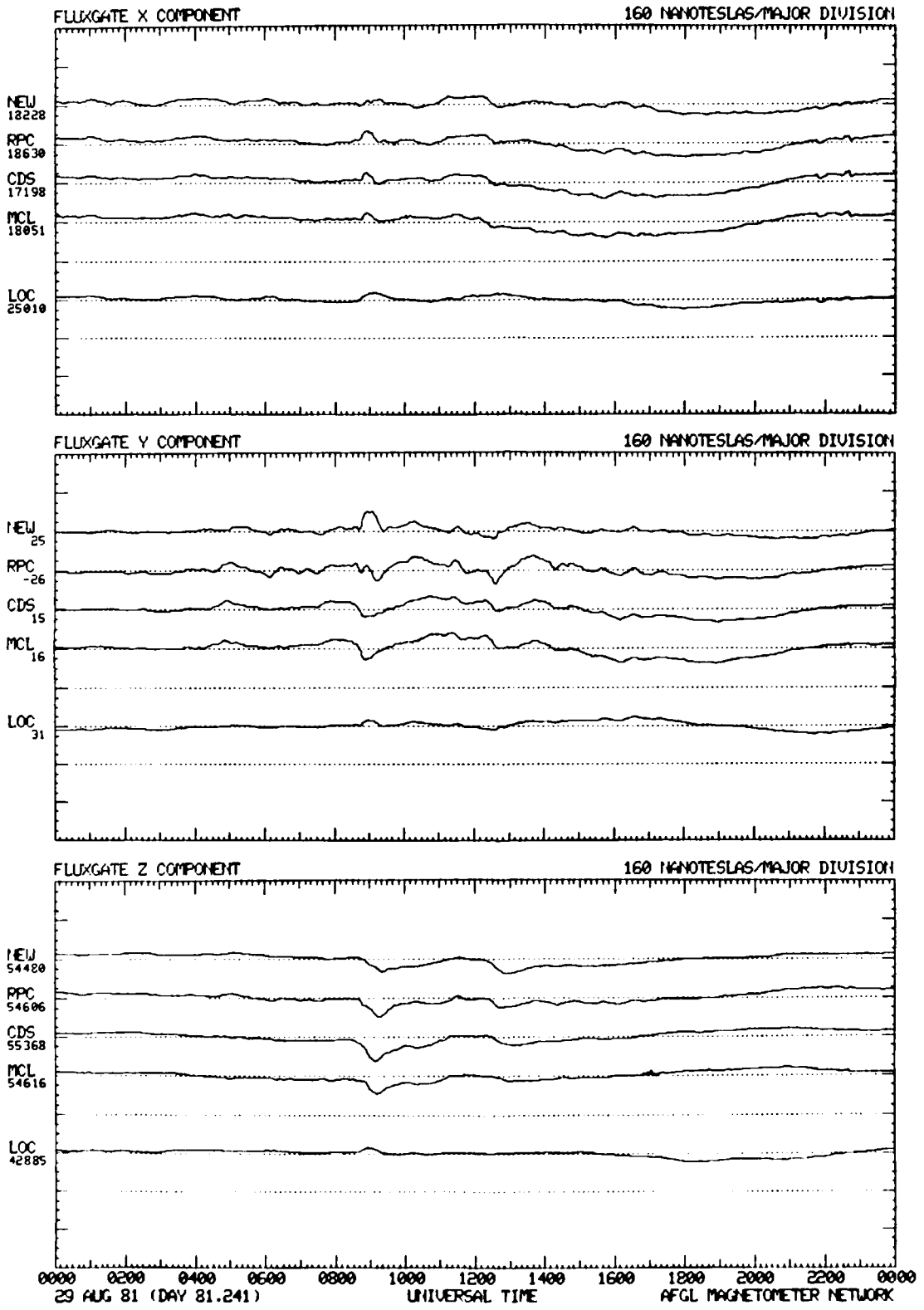
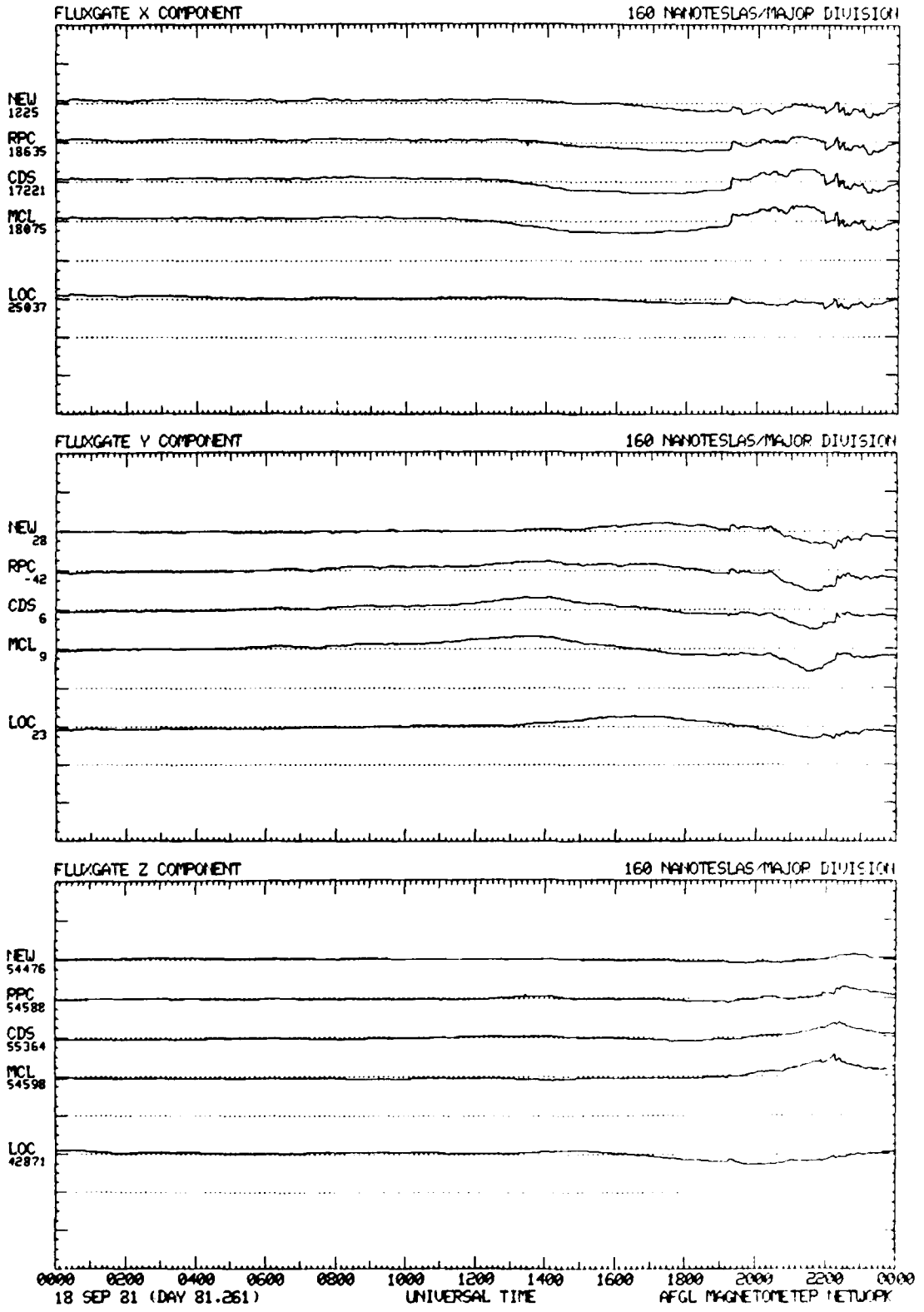
18 MAY 81 (DAY 81.138)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

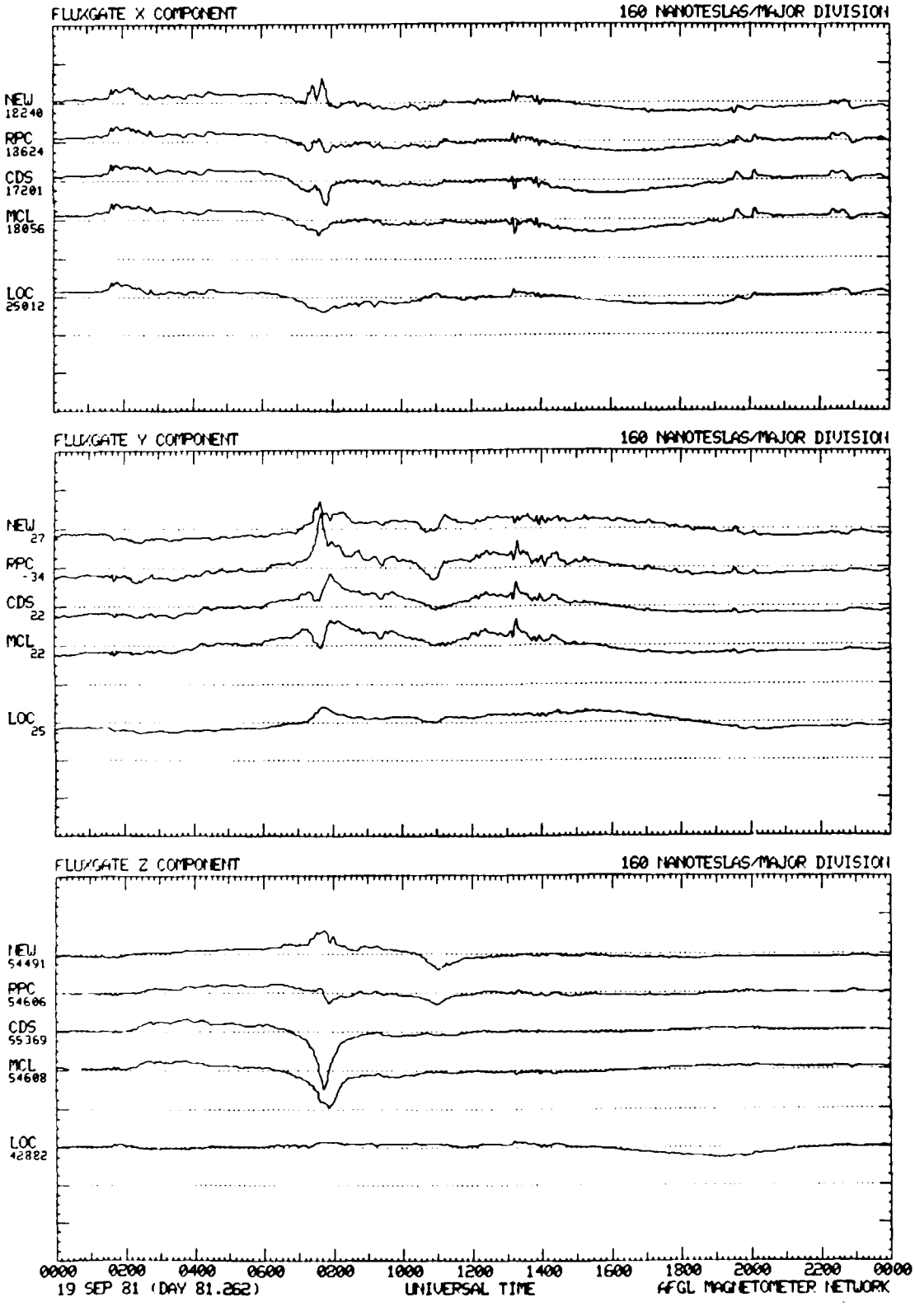

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC 18683
CDS 17252
MCL 18100
LOC 25033
TPA 25443
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC -25
CDS 25
MCL 19
LOC 23
TPA -10
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC 54606
CDS 55390
MCL 54632
LOC 42878
TPA 42689
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
17 JUL 81 (DAY 81.198)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

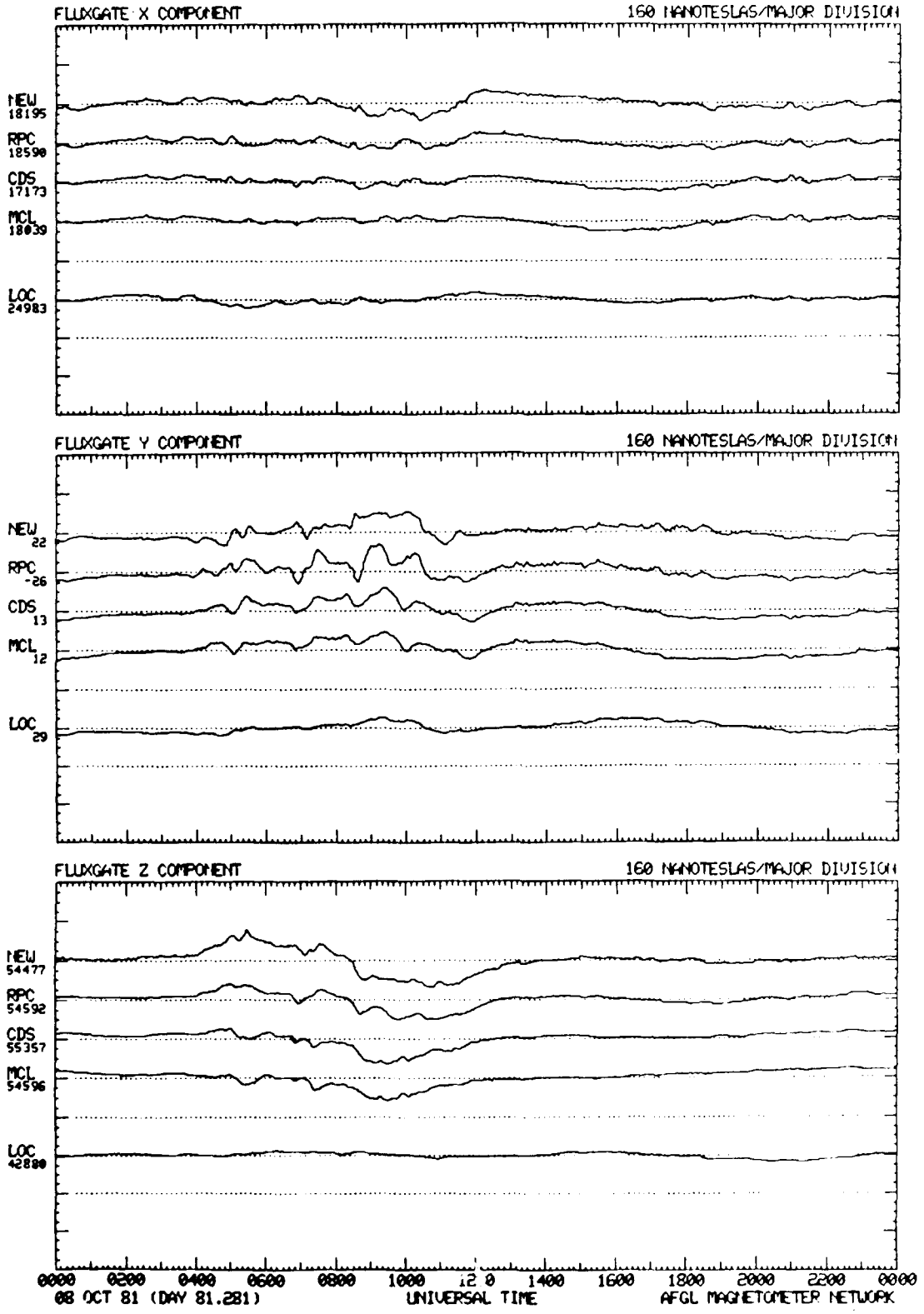

FLUXGATE X COMPONENT
400 NANOTESLAS/MAJOR DIVISION
RPC
18589
CDS
17154
MCL
18017
TPA
25352
FLUXGATE Y COMPONENT
400 NANOTESLAS/MAJOR DIVISION
RPC
-34
CDS
8
MCL
0
TPA
-28
FLUXGATE Z COMPONENT
400 NANOTESLAS/MAJOR DIVISION
RPC
54571
CDS
55370
MCL
54641
TPA
42698
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
25 JUL 81 (DAY 81.206)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

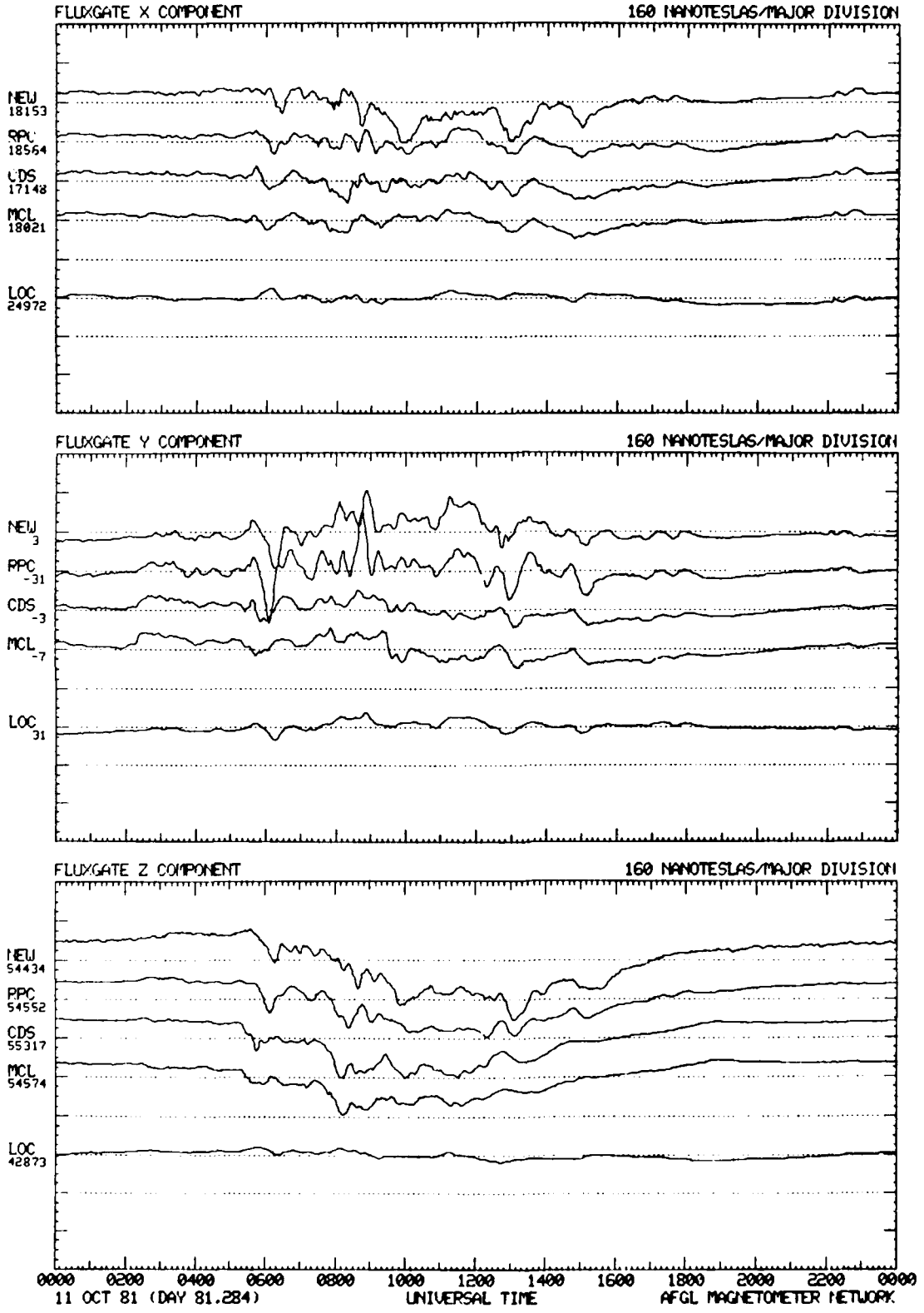

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC
18614
CDS
17173
MCL
18019
TPA
25345
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC
-
CDS
39
MCL
25
TPA
-17
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
RPC
54630
CDS
55386
MCL
54625
TPA
42724
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
26 JUL 81 (DAY 81.207)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK

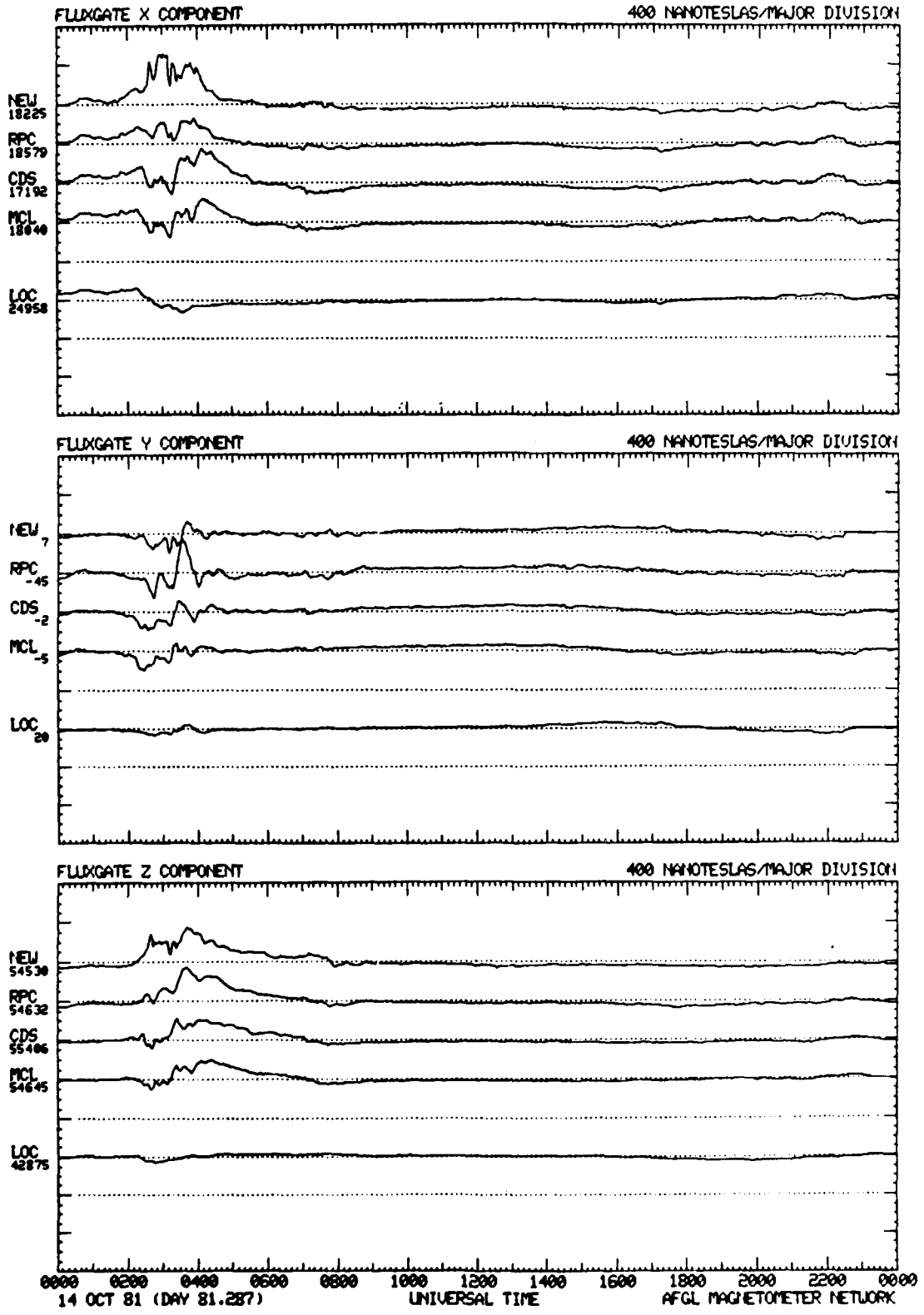

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18228
RPC
18630
CDS
17198
MCL
18051
LOC
25010
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
25
RPC
-26
CDS
15
MCL
16
LOC
31
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54480
RPC
54606
CDS
55368
MCL
54616
LOC
42885
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
29 AUG 81 (DAY 81.241)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
1225
RPC
18635
CDS
17221
MCL
18075
LOC
25037
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
28
RPC
-42
CDS
6
MCL
9
LOC
23
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54476
PPC
54588
CDS
55364
MCL
54598
LOC
42871
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
18 SEP 81 (DAY 81.261)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18240
RPC
18624
CDS
17201
MCL
18056
LOC
25012
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
27
RPC
-34
CDS
22
MCL
22
LOC
25
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54491
RPC
54606
CDS
55369
MCL
54608
LOC
42882
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
19 SEP 81 (DAY 81.262)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 18195
RPC 18590
CDS 17173
MCL 18039
LOC 24983
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 22
RPC -26
CDS 13
MCL 12
LOC 29
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW 54477
RPC 54592
CDS 55357
MCL 54596
LOC 42880
0000 0200 0400 0600 0800 1000 12 0 1400 1600 1800 2000 2200 0000
08 OCT 81 (DAY 81.281)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18153
RPC
18564
CDS
17148
MCL
18021
LOC
24972
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
3
RPC
-31
CDS
-3
MCL
-7
LOC
31
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54434
RPC
54552
CDS
55317
MCL
54574
LOC
42873
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 OCT 81 (DAY 81.284)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW 18225
RPC 18579
CDS 17192
MCL 18040
LOC 24958
FLUXGATE Y COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW 7
RPC -45
CDS -2
MCL -5
LOC 20
FLUXGATE Z COMPONENT
400 NANOTESLAS/MAJOR DIVISION
NEW 54530
RPC 54632
CDS 55406
MCL 54645
LOC 42875
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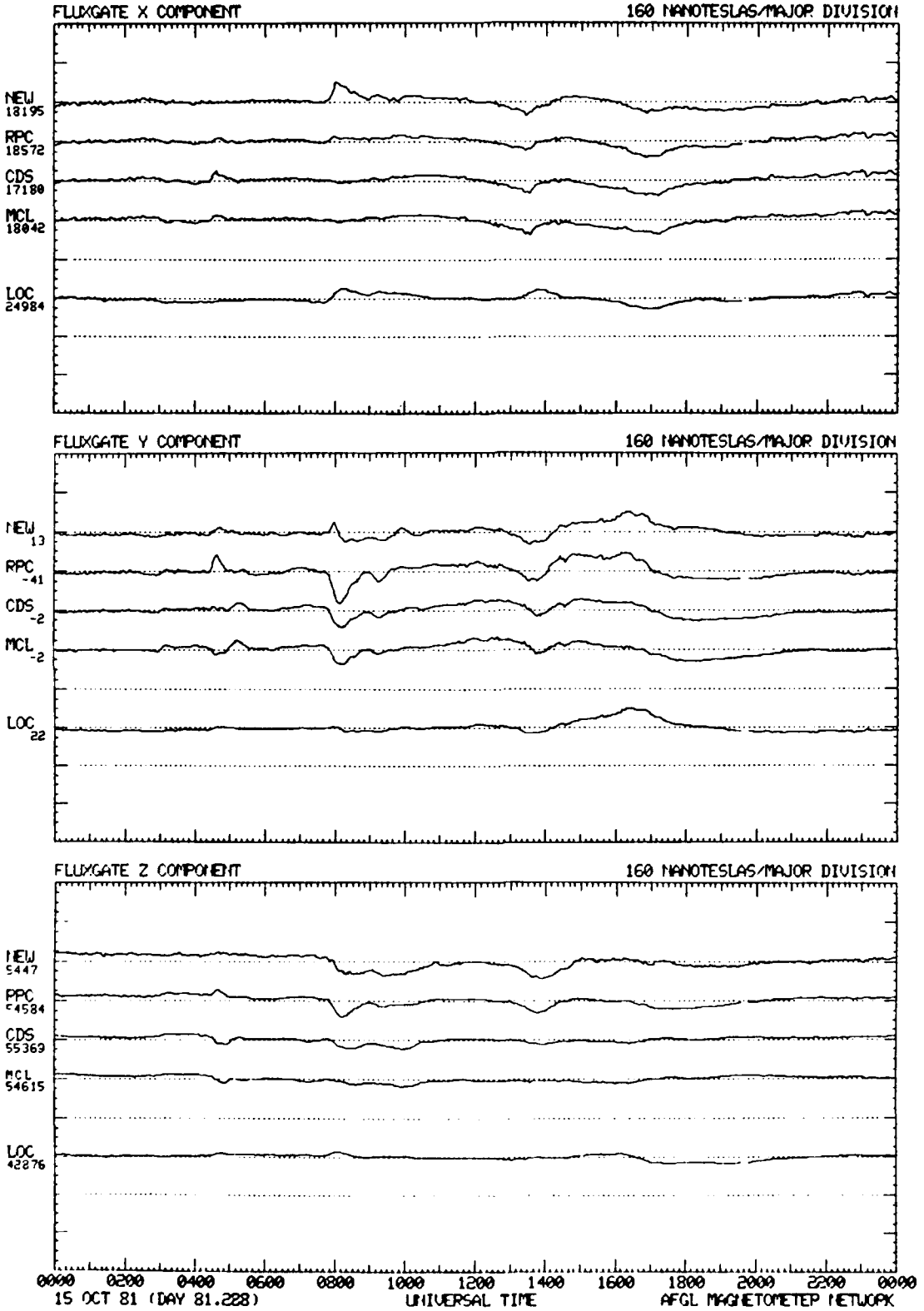
14 OCT 81 (DAY 81.287)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18195
RPC
18572
CDS
17180
MCL
18042
LOC
24984
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
13
RPC
-41
CDS
-2
MCL
-2
LOC
22
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
5447
PPC
54584
CDS
55369
MCL
54615
LOC
42876
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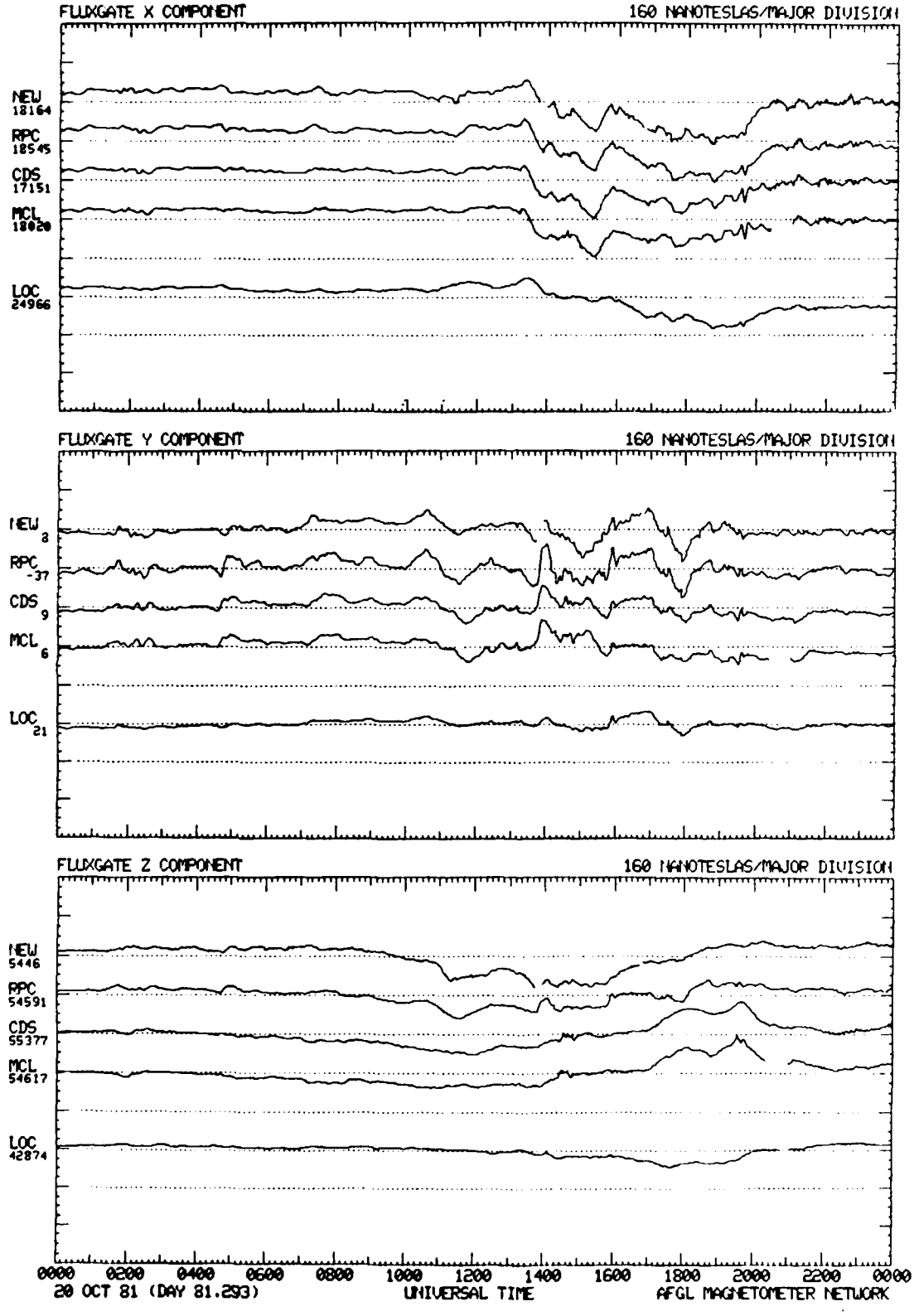
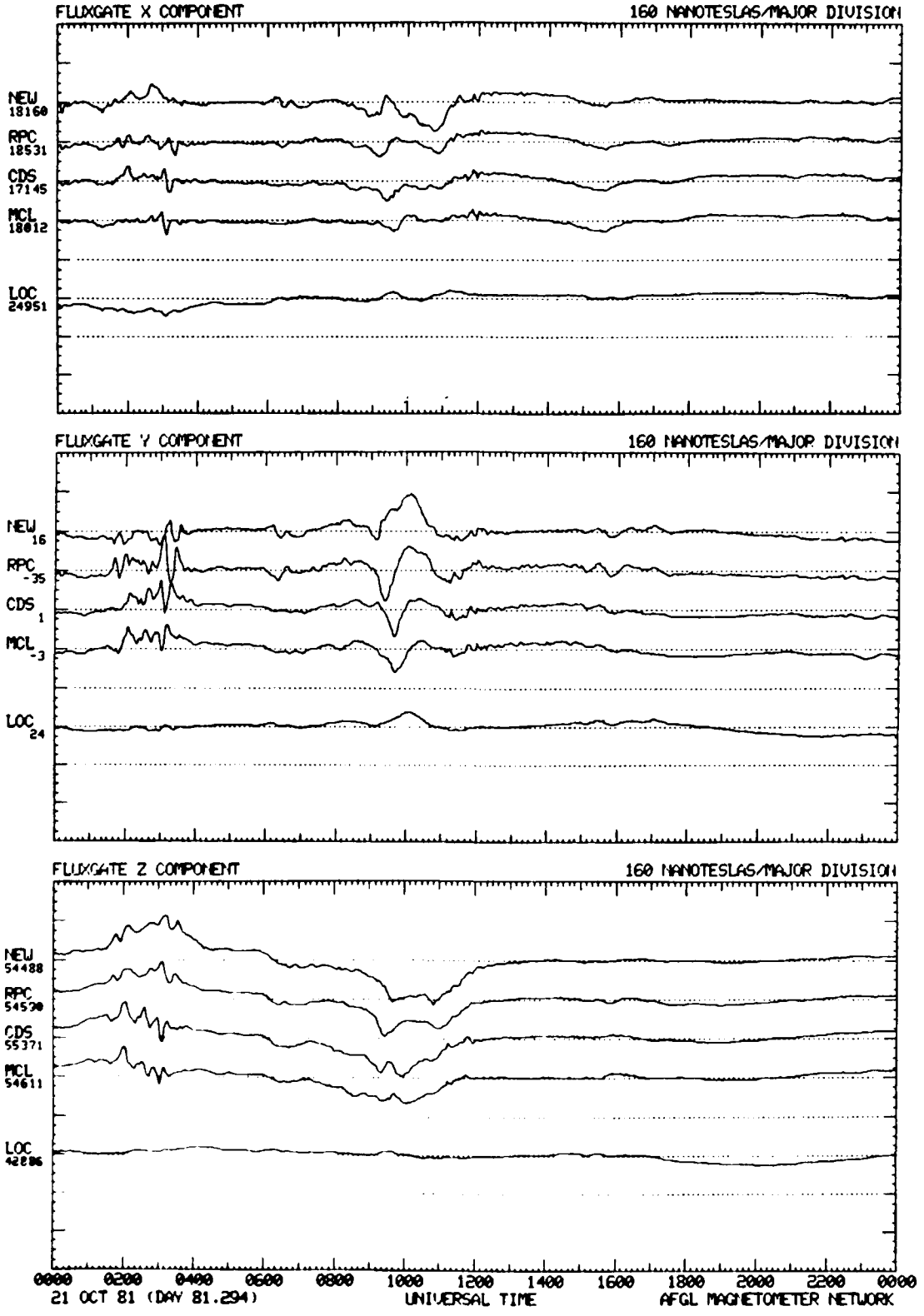
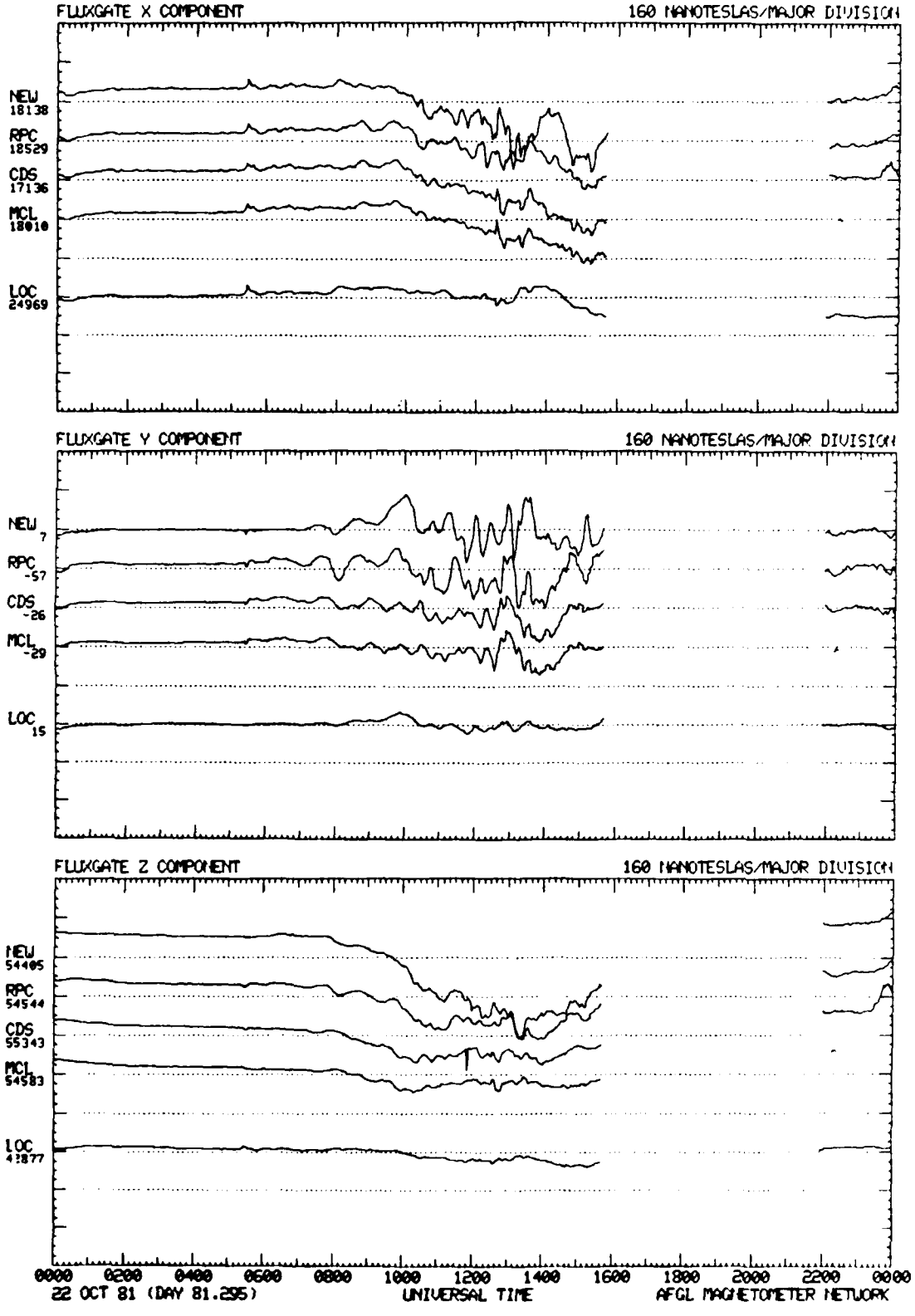
15 OCT 81 (DAY 81.288)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18164
RPC
18545
CDS
17151
MCL
18020
LOC
24966
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
8
RPC
-37
CDS
9
MCL
6
LOC
21
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
5446
RPC
54591
CDS
55377
MCL
54617
LOC
42874
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
20 OCT 81 (DAY 81.293)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18160
RPC
18531
CDS
17145
MCL
18012
LOC
24951
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
16
RPC
-35
CDS
1
MCL
-3
LOC
24
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54488
RPC
54590
CDS
55371
MCL
54611
LOC
42886
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
21 OCT 81 (DAY 81.294)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18138
RPC
18529
CDS
17136
MCL
18010
LOC
24969
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
7
RPC
-57
CDS
-26
MCL
-29
LOC
15
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54405
RPC
54544
CDS
55343
MCL
54583
LOC
42877
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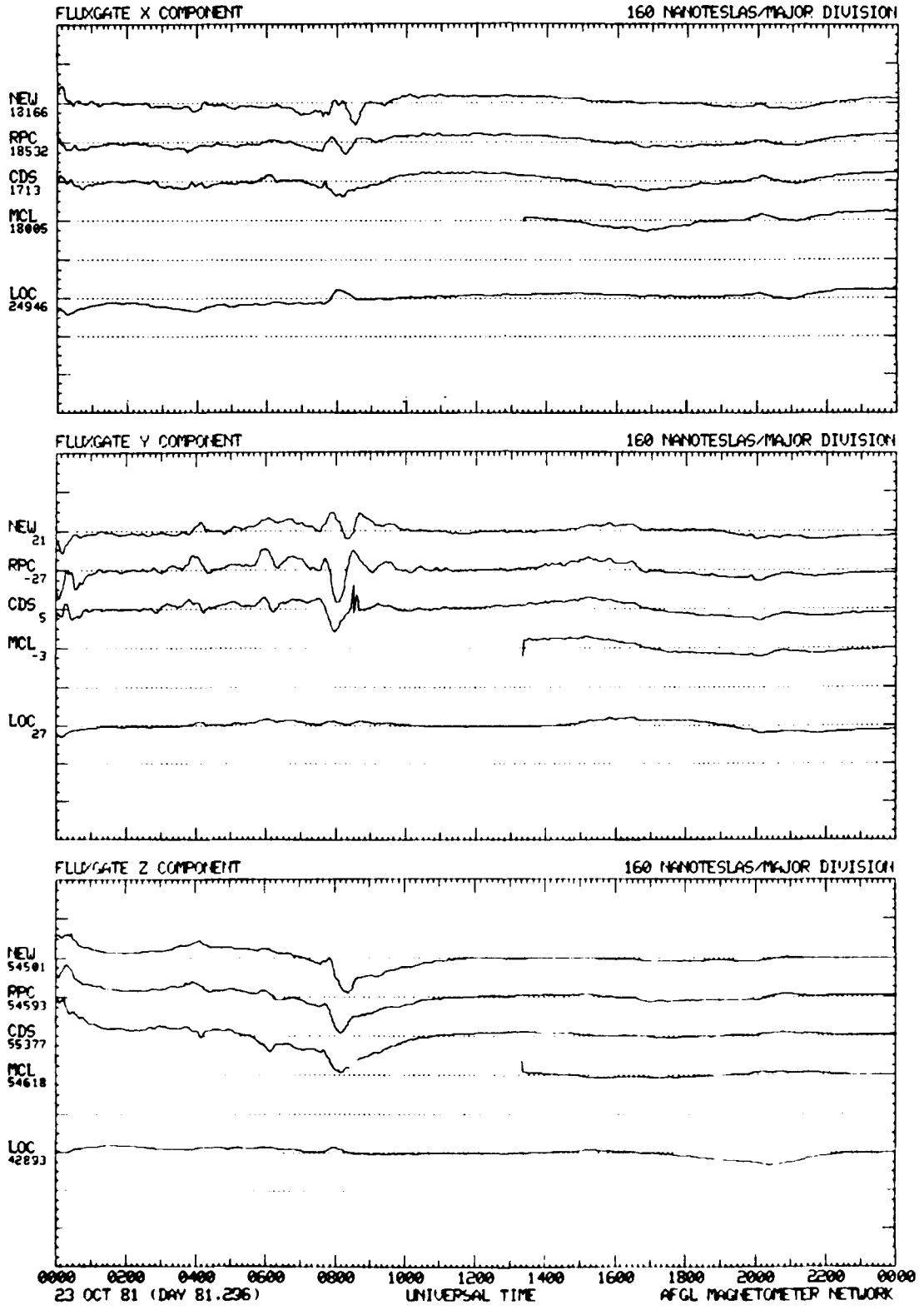
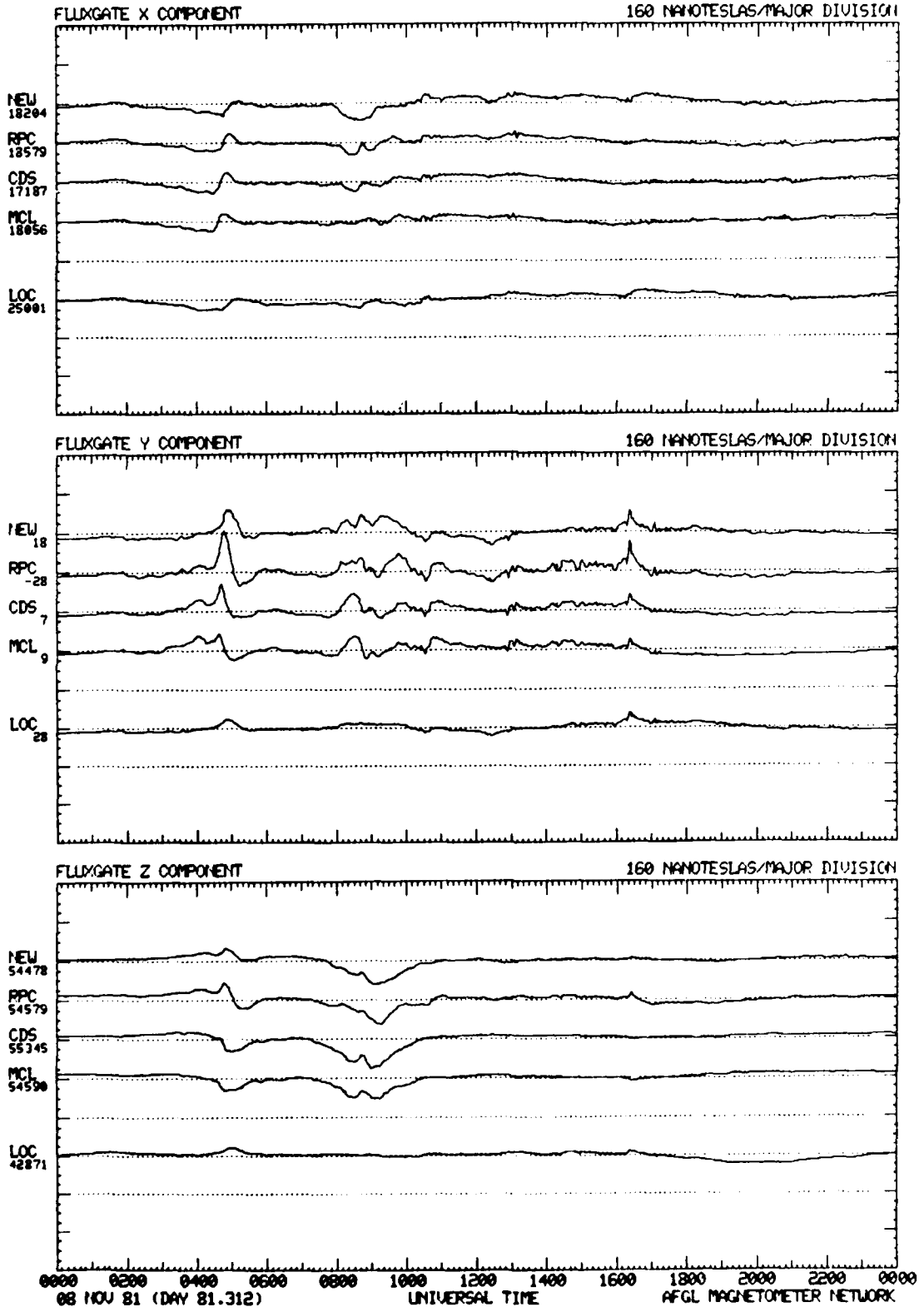
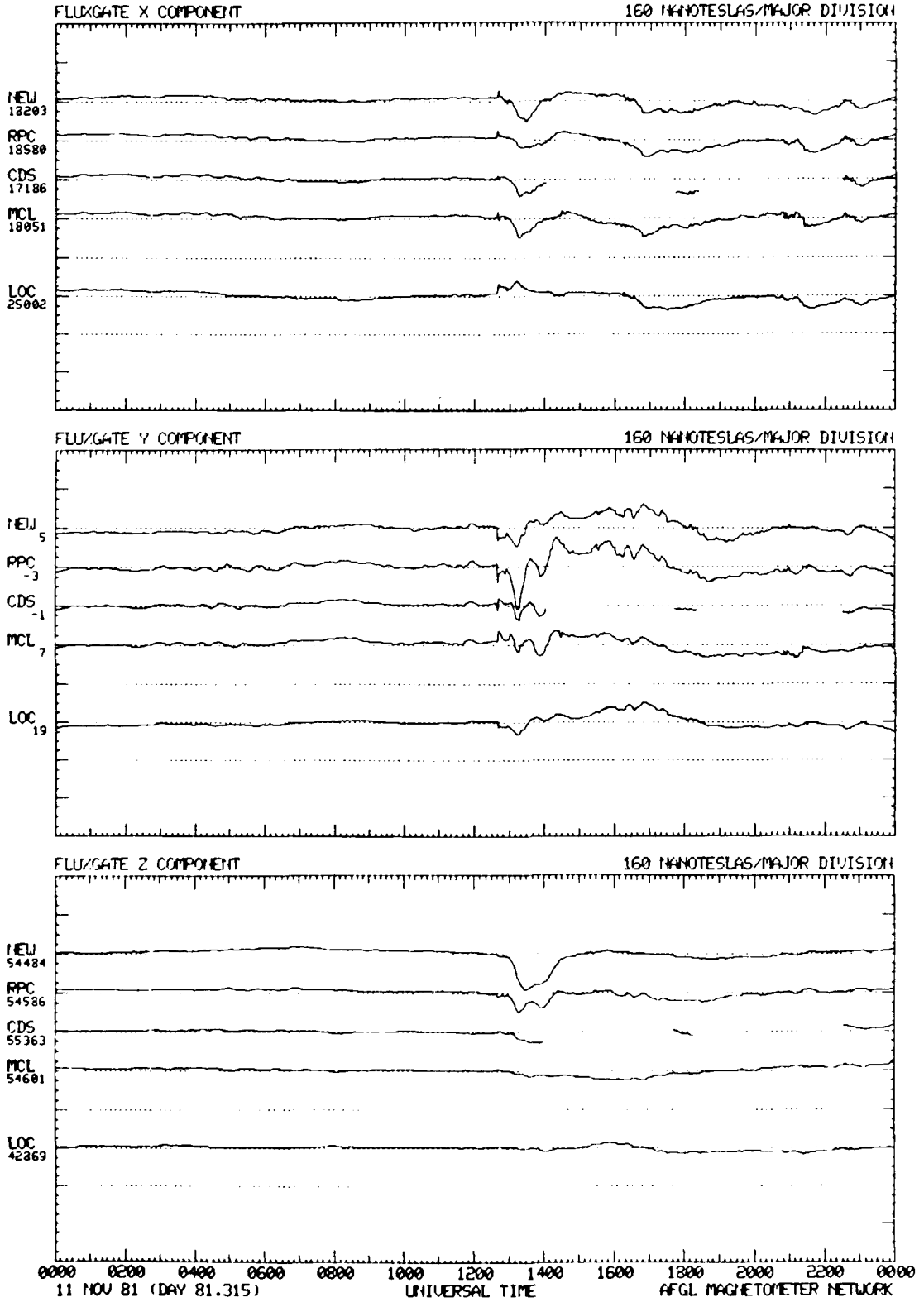
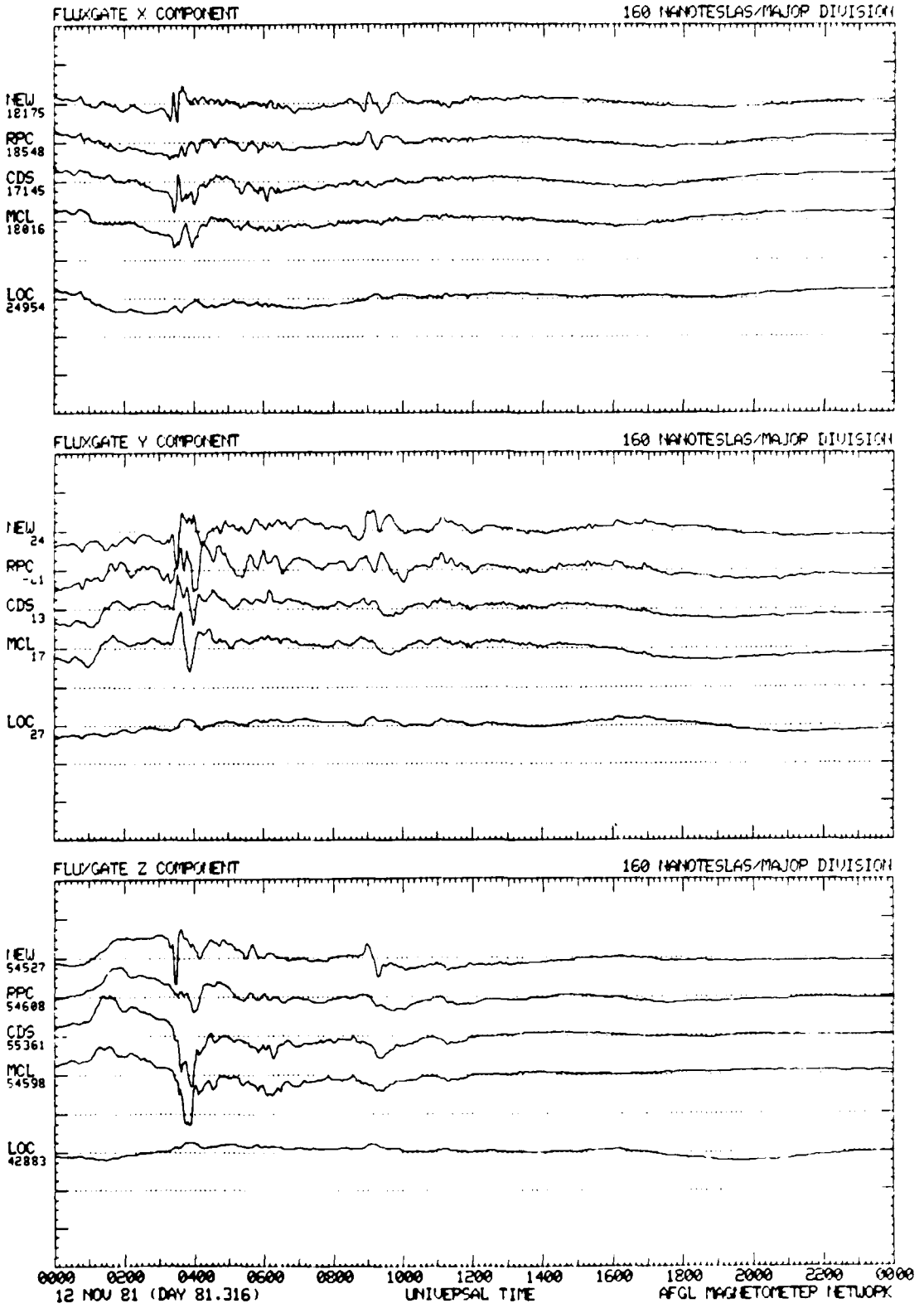
22 OCT 81 (DAY 81.295)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
13166
RPC
18532
CDS
1713
MCL
18005
LOC
24946
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
21
RPC
-27
CDS
5
MCL
-3
LOC
27
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54501
RPC
54593
CDS
55377
MCL
54618
LOC
42893
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
23 OCT 81 (DAY 81.296)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18204
RPC
18579
CDS
17187
MCL
18056
LOC
25001
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18
RPC
-28
CDS
7
MCL
9
LOC
28
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54478
RPC
54579
CDS
55345
MCL
54590
LOC
42871
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
08 NOV 81 (DAY 81.312)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK


FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
13203
RPC
18580
CDS
17186
MCL
18051
LOC
25002
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
5
RPC
-3
CDS
-1
MCL
7
LOC
19
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54484
RPC
54586
CDS
55363
MCL
54601
LOC
42869
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
11 NOV 81 (DAY 81.315)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK



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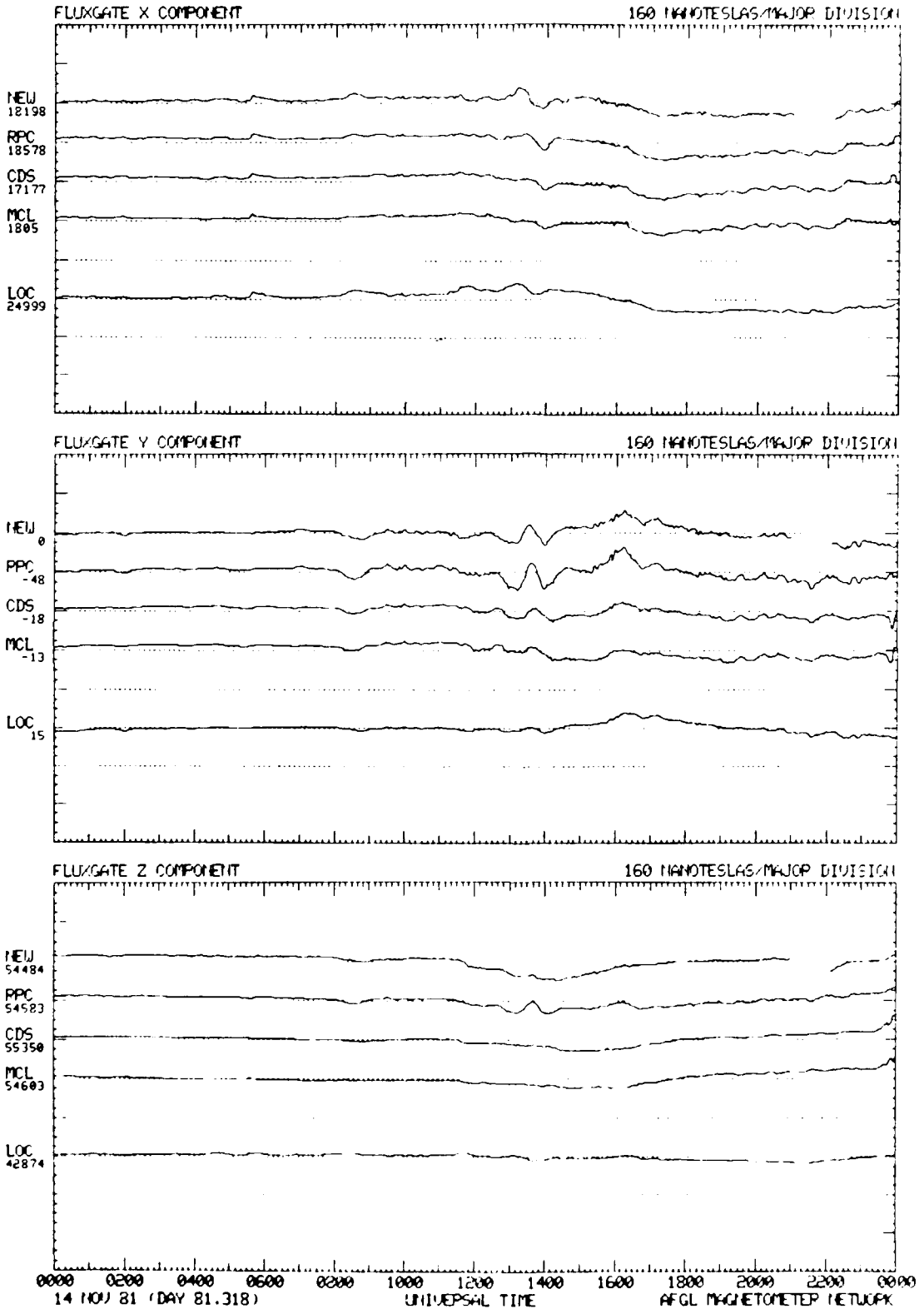
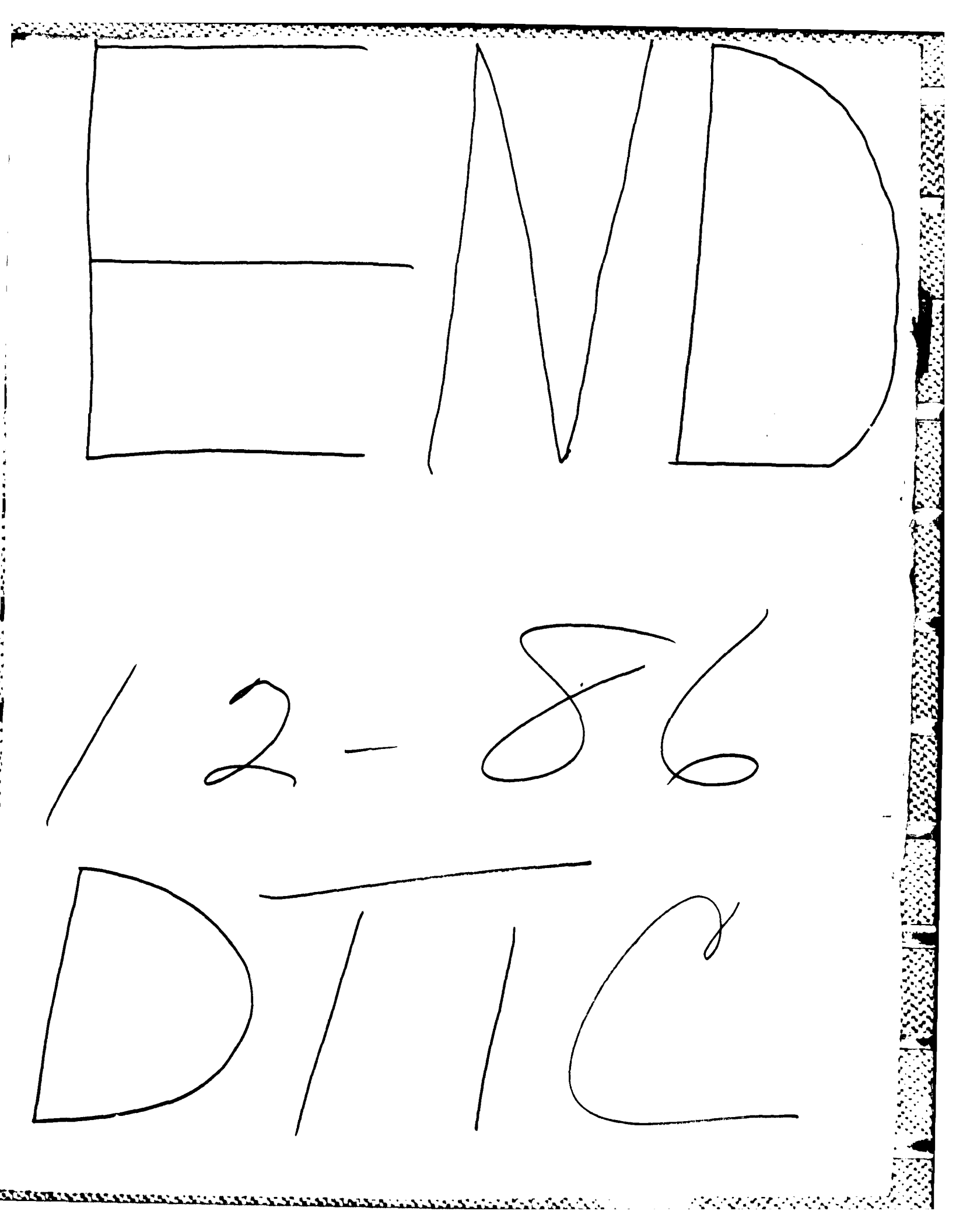

FLUXGATE X COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
18198
RPC
18578
CDS
17177
MCL
1805
LOC
24999
FLUXGATE Y COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
0
PPC
-48
CDS
-18
MCL
-13
LOC
15
FLUXGATE Z COMPONENT
160 NANOTESLAS/MAJOR DIVISION
NEW
54484
PPC
54583
CDS
55350
MCL
54603
LOC
42874
0000 0200 0400 0600 0800 1000 1200 1400 1600 1800 2000 2200 0000
14 NOV 81 (DAY 81.318)
UNIVERSAL TIME
AFGL MAGNETOMETER NETWORK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DTIC