DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

National Earthquake Information Center
Waveform Catalog
August 1985

by

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Contents

Introduction

This report provides a visual catalog of digitally recorded waveform data available from the event tapes produced by the United States Geological Survey's National Earthquake Information Center (NEIC). It is intended to provide the researcher with a quick index both to the availability of data and to the character of the data for each event (e.g., complexity and directionality).

The network-event tapes are a data service initiated by the NEIC in 1984. Currently, these tapes contain data from the Global Digital Seismograph Network (GDSN), the Regional Seismograph Test Network (RSTN), and the Glen Almond, Canada, SRO station. In the future, data from other high-quality stations and arrays, installed and operated by countries around the world, will be added to the event tapes as they are made available to us.

Network-event tapes contain digital data for earthquakes of magnitude 5.5 or greater in the NEIC network-day tape format. For this catalog, all available vertical component recordings in all period bands are shown, including those for stations that were saturated or nonoperational or that had some other difficulty during the event. Horizontal component records were omitted in order to minimize the size of this catalog. In general, one can expect them to be of approximately the same quality as the vertical component records at any particular time. Most of the available stations do not record short-period horizontal components. All stations that have intermediate-period recordings, however, record all three components in this band. Only long-period components are recorded continuously; short- and intermediate-period channels are recorded only when an event is detected. Horizontal components (where available) are recorded whenever the vertical component is, and never otherwise.

This report mainly consists of vertical component waveforms from all reporting stations, organized by event. The section for each event is prefaced by a station coverage map, in which stations and geography within 100° of the source are shown in an azimuthal equidistant projection centered at the epicenter. Following the coverage map, all short-period, vertical component waveforms are shown in order of increasing epicentral distance. Each short-period waveform is two minutes long and is identified by station

code, start time, and epicentral distance, Δ, in degrees. The start time is chosen to be about 15 seconds before the earliest theoretical arrival time of interest (P, Pdiff, or PKPdf, depending on distance). The vertical scale is in microns of ground displacement at the dominant period of the instrument response, which is taken to be 1 second. Each page of waveforms is titled with the event origin date-time, the Flinn-Engdahl region name, and the component identifier (SPZ, LPZ or IPZ). Also, the depth of the event (h) in kilometers and its average body (m_b) and vertical surface wave (M_{SZ}) magnitudes are shown for convenience.

Following the short-period waveforms (SPZ), long-period vertical (LPZ) and finally intermediate-period vertical (IPZ) waveforms are shown. In each case, the format is the same as for the short-period waveforms. Fifty minutes of long-period data are shown beginning 1 minute before the theoretical first arrival, and the dominant period is taken to be 25 seconds. Four minutes of intermediate-period data are shown beginning 30 seconds before the theoretical first arrival, and the dominant period is assumed to be 1 second. Because (1) the event detection algorithm is not perfect, (2) only about half of the available stations have intermediate-period channels, and (3) one station (GAC) has no short-period recordings, it is not uncommon for stations with good long-period recordings to have no intermediate-period and perhaps no short-period recordings at all.

Table 1. Earthquakes for August 1985 with magnitudes ≥ 5.5

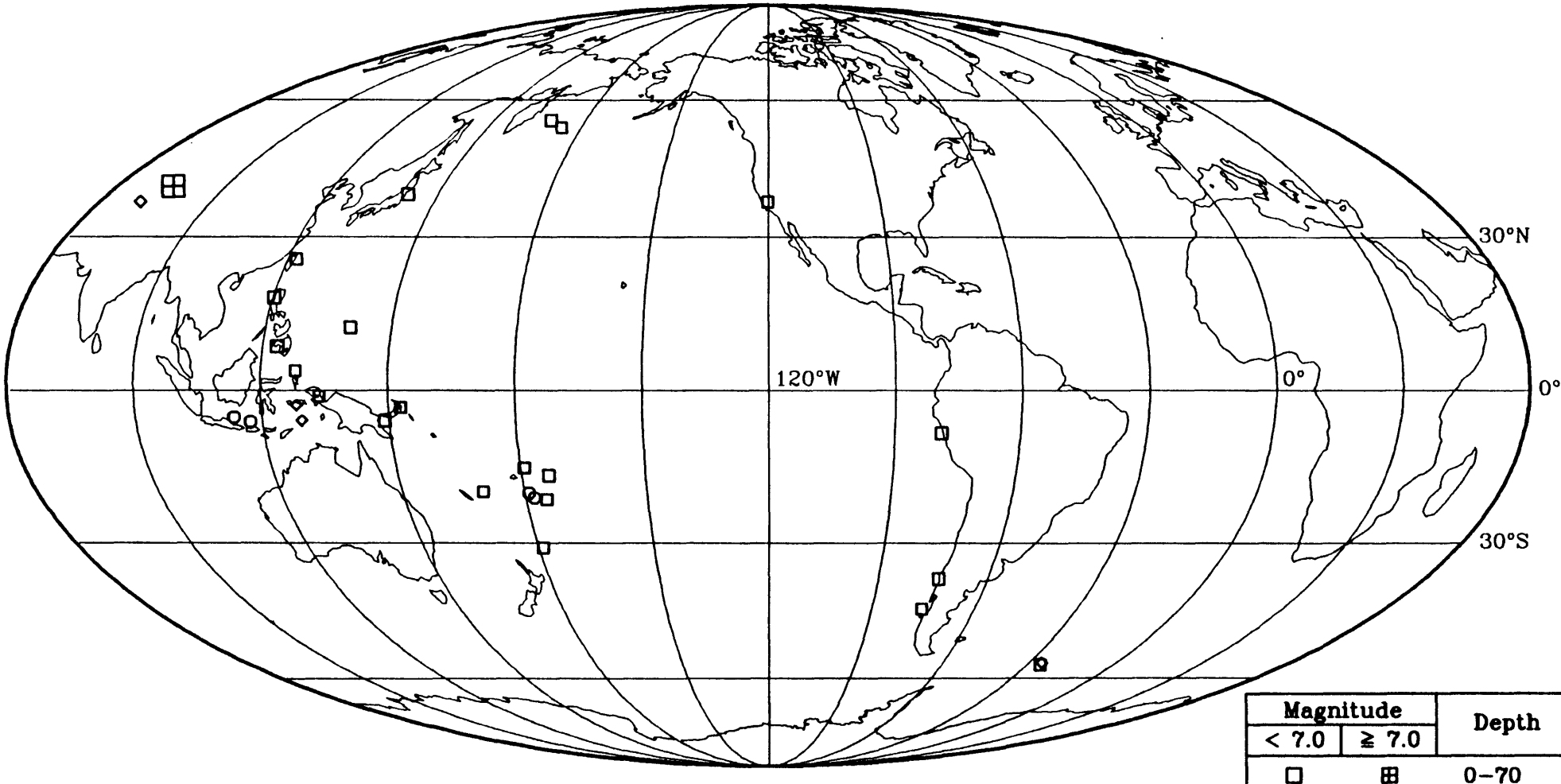
	Origin Time UTC	Latitude	Longitude	Depth (km)	Magnitude m_b	Magnitude M_{SZ}	Flinn-Engdahl Region Name
1.	1985 08 01 05:27:43.63	2.144° S	133.779° E	33.0	5.5		West Irian Region
2.	1985 08 01 23:15:15.45	57.709° S	25.373° W	33.0	5.7	5.0	South Sandwich Islands Region
3.	1985 08 02 07:46:51.47	36.173° N	70.811° E	102.6	6.1		Hindu Kush Region
4.	1985 08 04 02:36:23.68	7.445° N	123.463° E	35.4	5.8	6.2	Mindanao, Philippine Islands
5.	1985 08 04 04:54:01.98	44.888° S	75.447° W	22.6	5.5	5.4	Off Coast of Southern Chile
6.	1985 08 04 12:01:57.36	36.211° N	120.177° W	5.0	5.4	5.9	Central California
7.	1985 08 05 13:00:39.57	24.485° N	122.004° E	10.0	5.1	5.9	Taiwan Region
8.	1985 08 07 03:38:06.29	20.621° S	169.896° E	33.0	5.5		Vanuatu Islands
9.	1985 08 08 16:18:03.35	6.183° S	113.449° E	603.0	5.7		Java
10.	1985 08 08 16:29:57.49	6.157° S	113.376° E	588.7	5.7		Java
11.	1985 08 09 09:32:07.30	6.882° S	129.402° E	195.9	5.6		Banda Sea
12.	1985 08 09 13:03:11.20	52.382° N	173.734° E	43.8	5.5	4.8	Near Islands, Aleutian Islands
13.	1985 08 09 19:59:45.51	16.889° N	120.224° E	33.0	5.8	6.1	Luzon, Philippine Islands
14.	1985 08 10 16:36:09.14	4.325° S	152.880° E	42.0	5.7	5.5	New Britain Region
15.	1985 08 11 00:19:02.41	11.157° N	140.207° E	33.0	5.7	6.1	West Caroline Islands
16.	1985 08 11 09:59:41.65	54.101° N	168.688° E	29.9	6.0	5.8	Komandorsky Islands Region
17.	1985 08 12 00:04:50.91	38.420° S	73.490° W	33.0	5.5	6.0	Near Coast of Central Chile
18.	1985 08 12 03:49:17.98	37.739° N	141.733° E	51.1	6.0	6.3	Near East Coast of Honshu, Japan
19.	1985 08 12 04:18:57.96	7.031° S	117.163° E	583.7	5.6		Bali Sea
20.	1985 08 13 07:31:31.57	3.858° S	128.439° E	121.4	5.6		Ceram
21.	1985 08 14 04:10:41.08	31.970° S	178.823° W	33.0	5.5	4.9	Kermadec Islands Region
22.	1985 08 18 03:48:04.17	2.813° N	128.190° E	70.6	5.5		Halmahera
23.	1985 08 21 10:43:23.07	15.994° S	179.143° W	33.0	5.7	5.5	Fiji Islands Region
24.	1985 08 21 11:26:28.81	9.211° S	78.908° W	60.8	6.1		Near Coast of Northern Peru
25.	1985 08 22 19:29:57.96	22.264° S	174.904° W	33.0	5.6	5.5	Tonga Islands Region
26.	1985 08 23 12:41:59.72	39.423° N	75.274° E	33.0	6.4	7.6	Southern Xinjiang, China
27.	1985 08 24 06:53:15.44	22.022° S	177.839° W	353.5	5.6		South of Fiji Islands
28.	1985 08 26 14:08:23.12	6.922° S	148.970° E	33.0	5.2	6.1	New Britain Region
29.	1985 08 27 07:39:14.50	17.455° S	173.390° W	36.3	6.0	5.3	Tonga Islands
30.	1985 08 28 20:50:48.47	21.012° S	179.011° W	624.7	5.9		Fiji Islands Region
31.	1985 08 29 06:13:16.32	57.253° S	25.526° W	94.1	5.6		South Sandwich Islands Region

Table 2. Current network-event tape station list

Code	ID	Station	Latitude	Longitude	Elevation (m)	Type*
ANMO	30	Albuquerque, New Mexico	34.95° N	106.46° W	1740.0	SRO
ANTO	31	Ankara, Turkey	39.87° N	32.79° E	883.0	SRO
BCAO	37	Bangui, Central African Republic	4.43° N	18.54° E	336.0	SRO
BDF	72	Brasilia, Brazil	15.66° S	47.90° W	1500.0	DWWSSN
CHTO	33	Chiang Mai, Thailand	18.79° N	98.98° E	316.0	SRO
COL	62	College, Alaska	64.90° N	147.79° W	320.0	DWWSSN
CTAO	50	Charters Towers, Australia	20.09° S	146.25° E	357.0	ASRO
GAC	43	Glen Almond, Quebec, Canada	45.70° N	75.48° W	620.0	SRO
GDH	70	Godhavn, Greenland	69.25° N	53.53° W	23.0	DWWSSN
GRFO	39	Graefenberg, Germany	49.69° N	11.22° E	500.0	SRO
GUMO	35	Guam, Mariana Islands	13.59° N	144.87° E	14.0	SRO
HON	66	Honolulu, Hawaii	21.32° N	158.01° W	2.0	DWWSSN
JAS1	64	Jamestown, California	37.93° N	120.42° W	425.0	DWWSSN
KEV	67	Kevo, Finland	69.76° N	27.01° E	80.0	DWWSSN
KONO	54	Kongsberg, Norway	59.65° N	9.60° E	216.0	ASRO
LON	63	Longmire, Washington	46.75° N	121.81° W	854.0	DWWSSN
MAJO	53	Matsushiro, Japan	36.54° N	138.21° E	422.0	ASRO
NWAO	38	Mundaring (Narrogin), Australia	32.93° S	117.24° E	265.0	SRO
RSCP	81	Cumberland Plateau, Tennessee,	35.60° N	85.57° W	481.0	RSTN
RSNT	82	Yellowknife, Northwest Territories	62.48° N	114.59° W	90.0	RSTN
RSNY	84	Adirondack, New York	44.55° N	74.53° W	351.0	RSTN
RSON	85	Red Lake, Ontario	50.86° N	93.70° W	302.0	RSTN
RSSD	83	Black Hills, South Dakota	44.12° N	104.04° W	1948.0	RSTN
SCP	61	State College, Pennsylvania	40.79° N	77.87° W	352.0	DWWSSN
SHIO	40	Shillong, India	25.57° N	91.88° E	1600.0	SRO
SLR	71	Silverton, South Africa	25.73° S	28.28° E	1348.0	DWWSSN
SNZO	42	Wellington (South Karori), New Zealand	41.31° S	174.70° E	-12.0	SRO
TATO	41	Taipei, Taiwan	24.98° N	121.49° E	53.0	SRO
TAU	74	Hobart, Tasmania	42.91° S	147.32° E	132.0	DWWSSN
TOL	73	Toledo, Spain	39.88° N	4.05° W	480.0	DWWSSN
ZOBO	51	La Paz (Zongo), Bolivia	16.27° S	68.13° W	4450.0	ASRO

* SRO - Seismic Research Observatory
ASRO - Abbreviated Seismic Research Observatory
DWWSSN - Digital World Wide Standardized Seismograph Network
RSTN - Regional Seismic Test Network

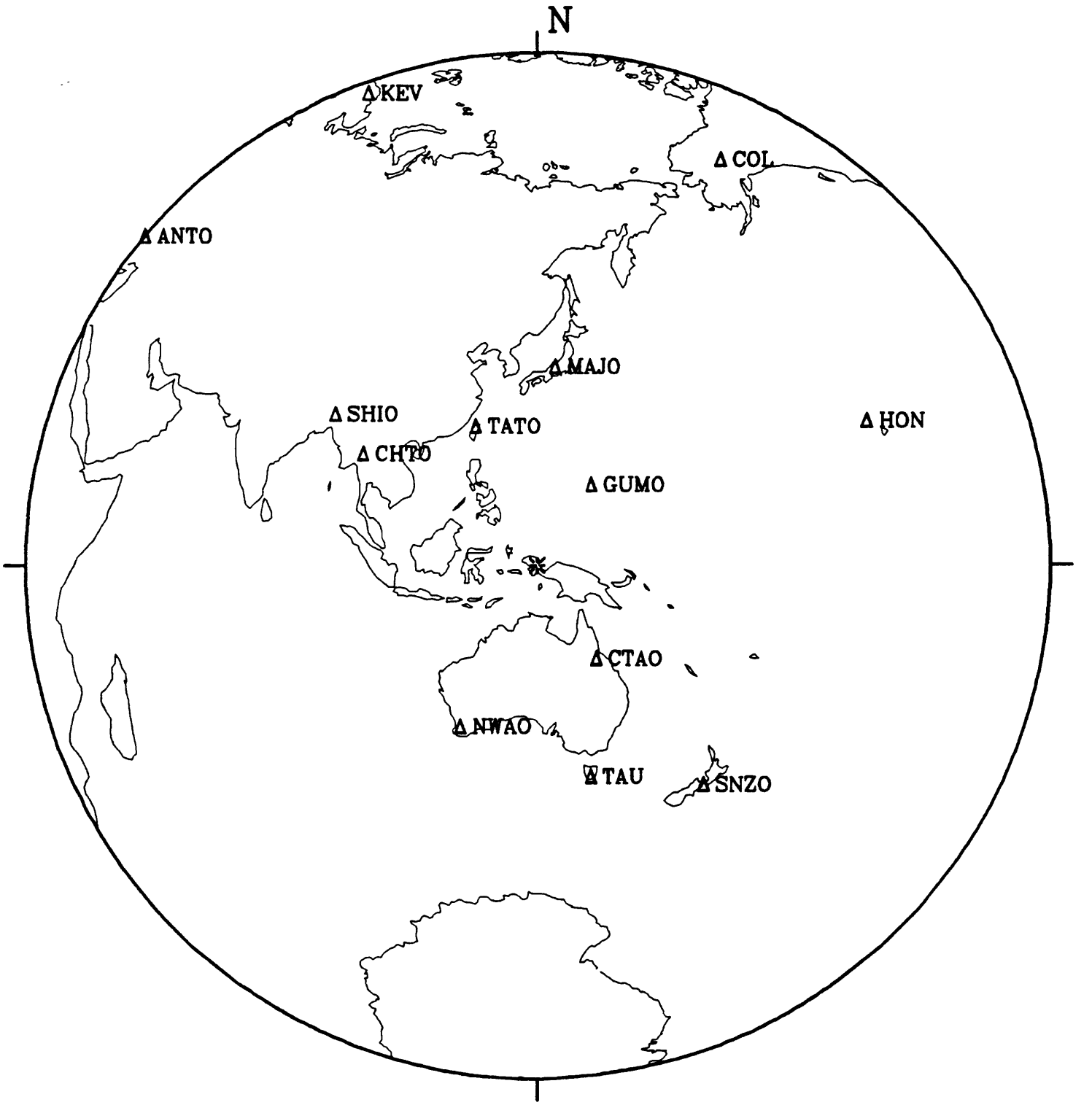
EARTHQUAKES – August 1985 – MAGNITUDE ≧ 5.5

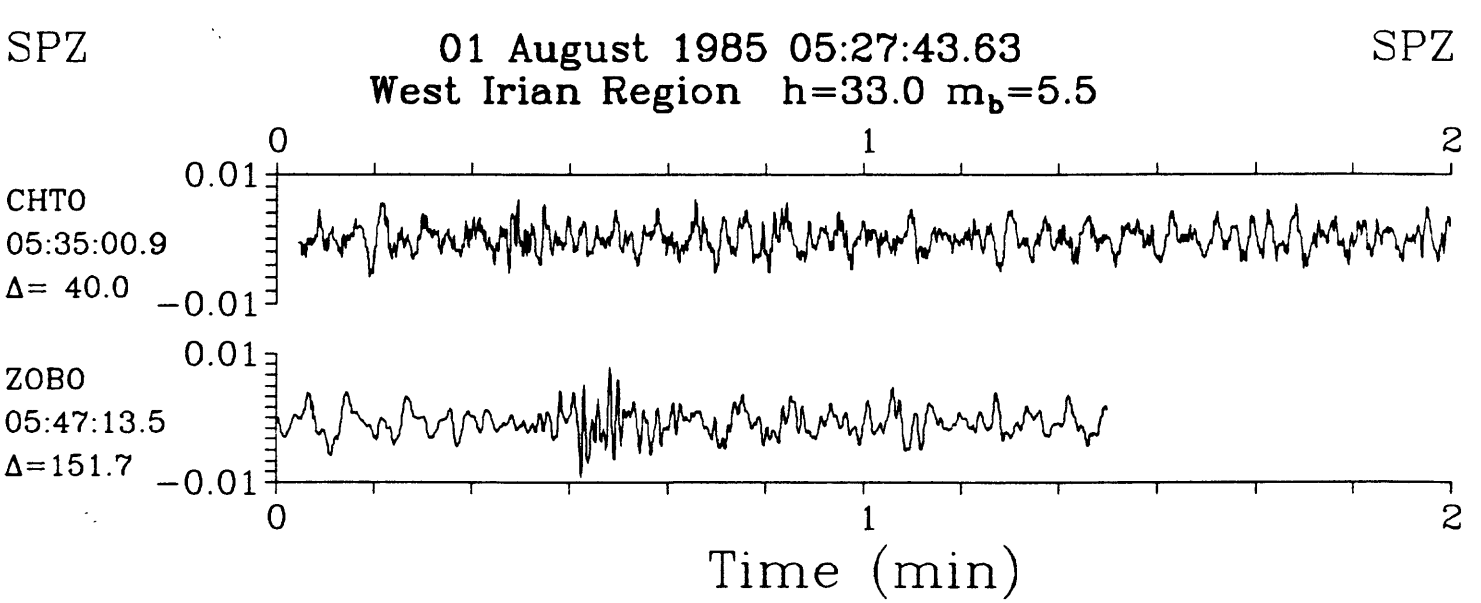


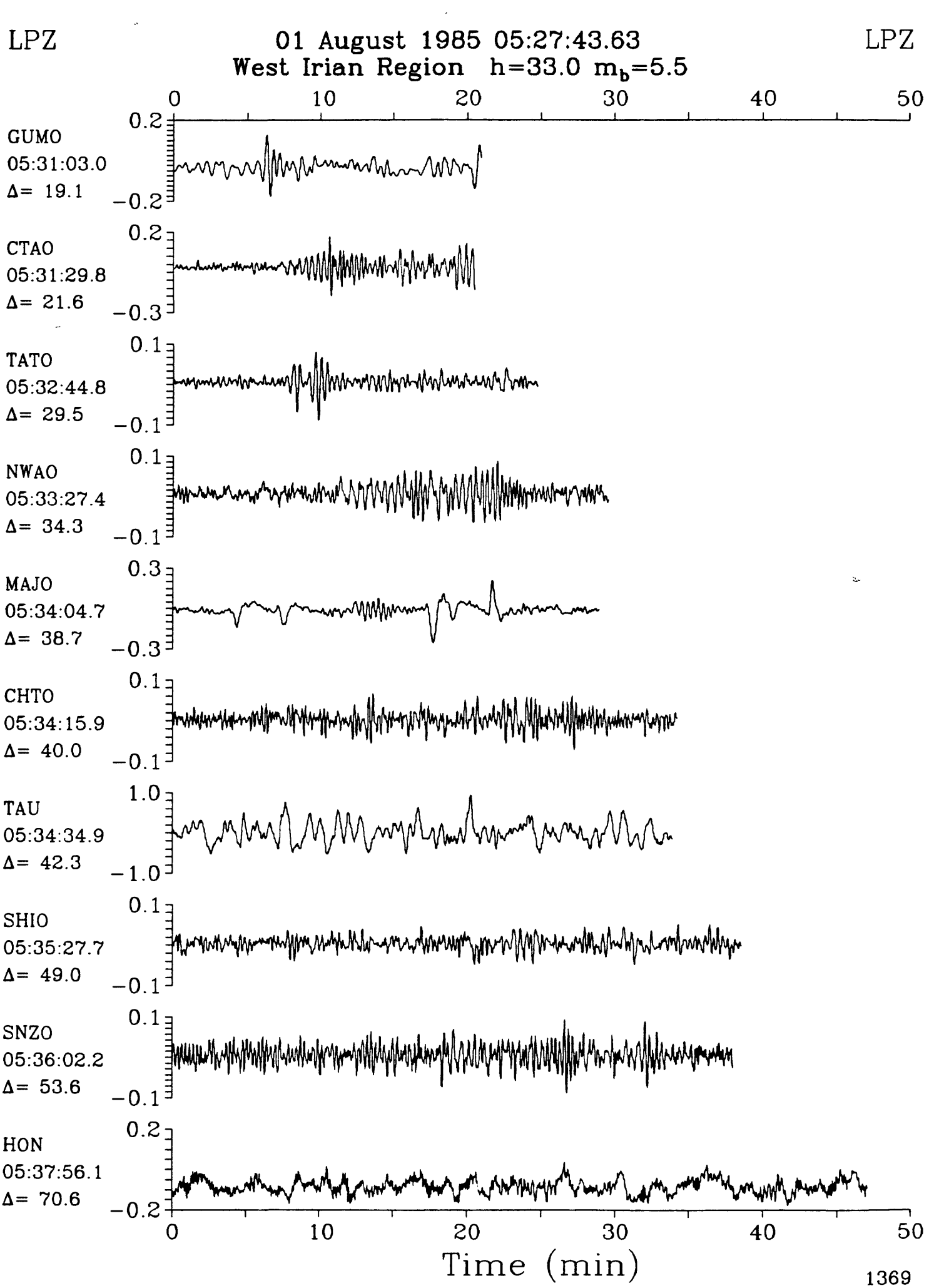
Magnitude		Depth
< 7.0	≧ 7.0	
□	⊞	0–70
◇	◆	71–300
○	⊕	301–800

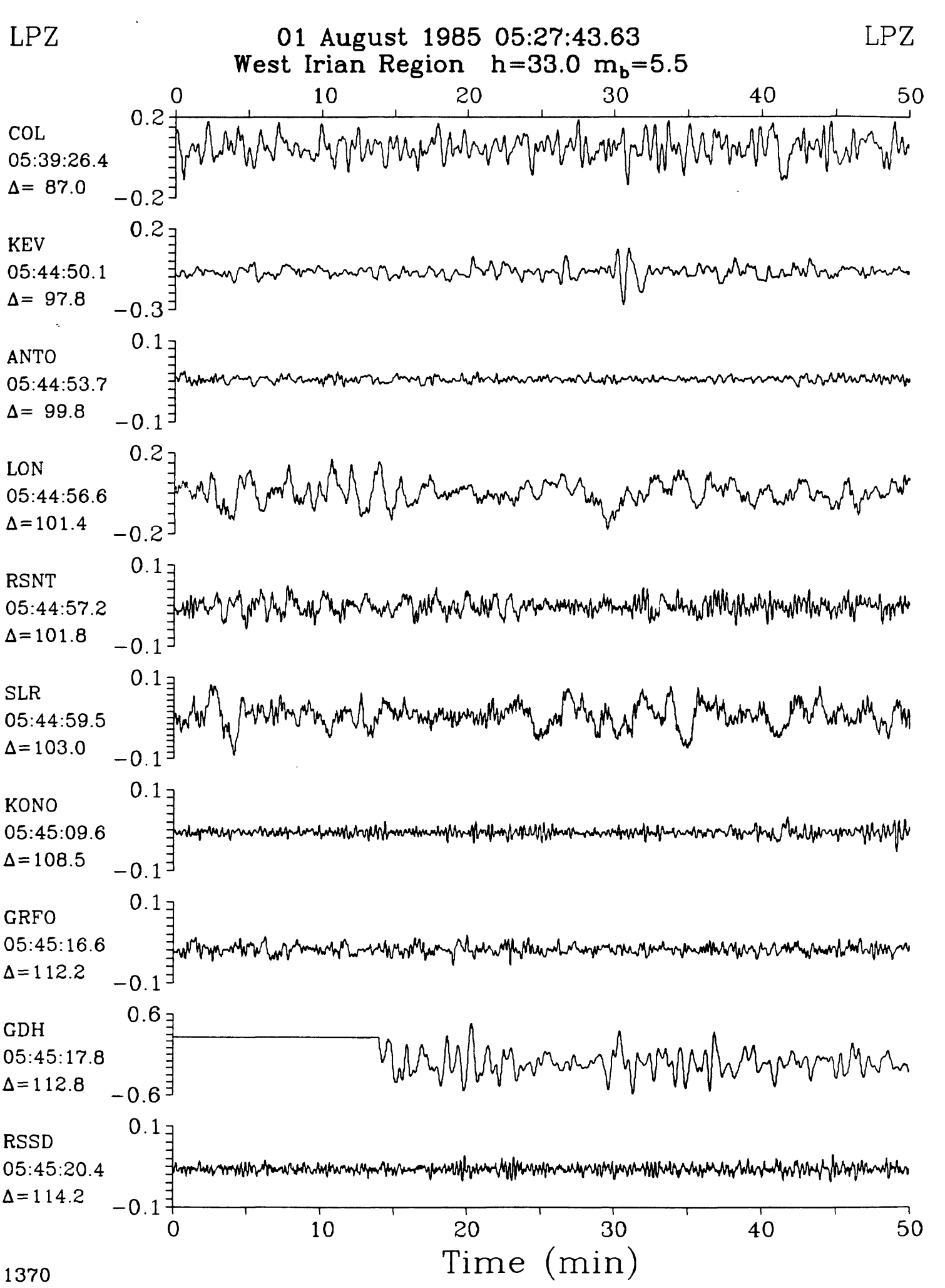
01 August 1985 05:27:43.63

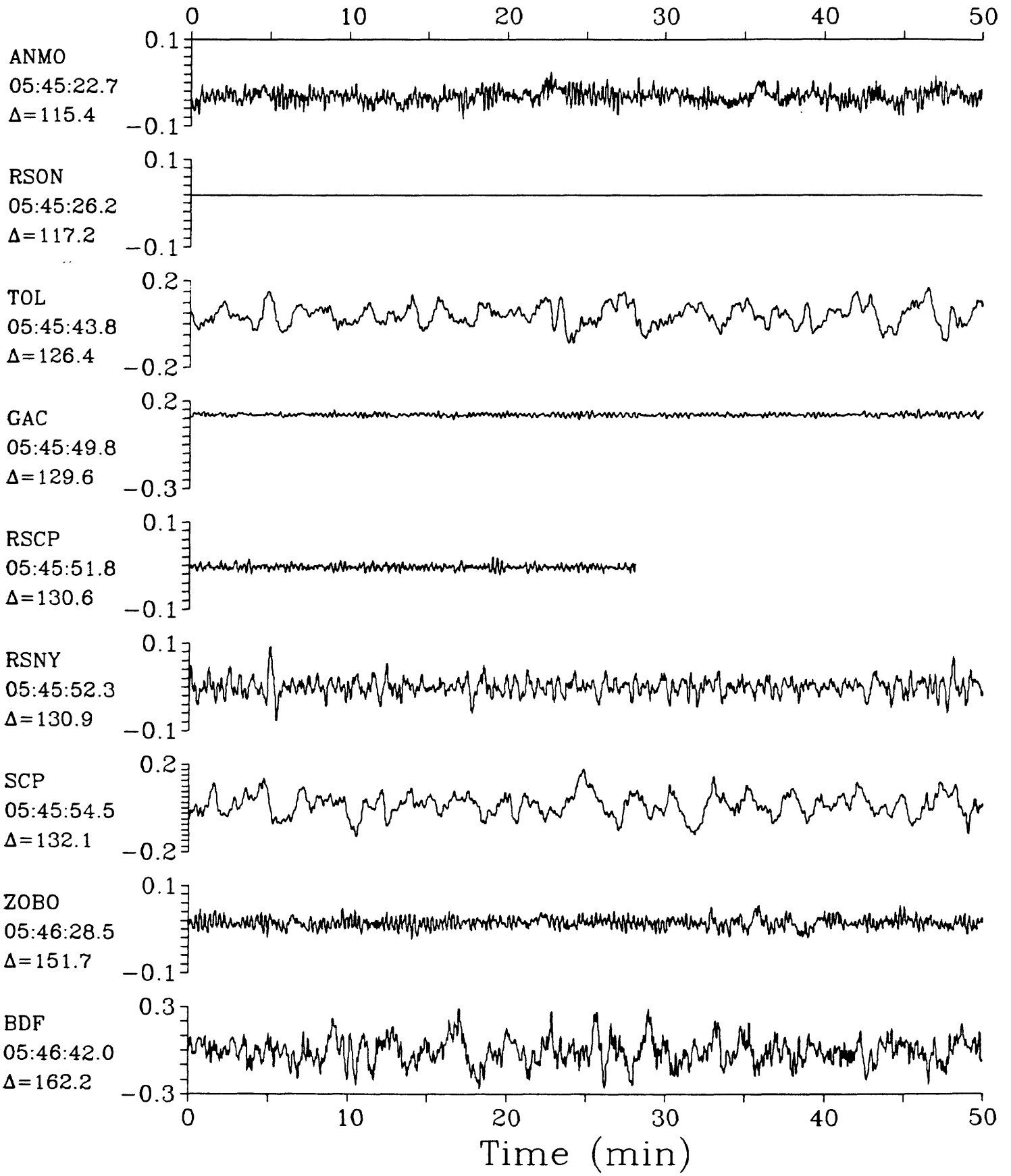
West Irian Region




SPZ
01 August 1985 05:27:43.63
West Irian Region h=33.0 m_b=5.5
SPZ
0
1
2
0.01
CHTO
05:35:00.9
Δ= 40.0
−0.01
0.01
ZOBO
05:47:13.5
Δ=151.7
−0.01
0
1
2
Time (min)

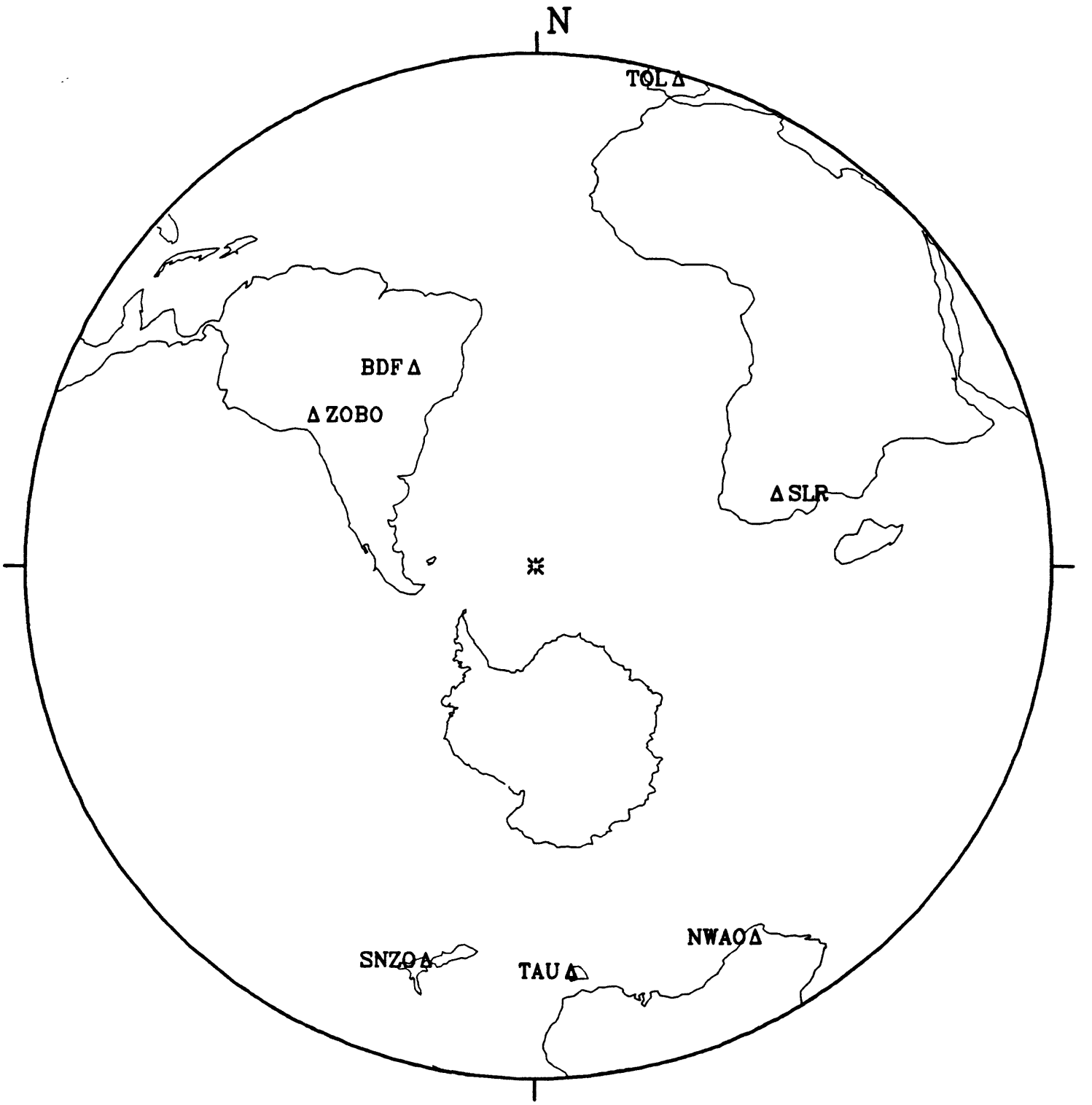

LPZ
01 August 1985 05:27:43.63
West Irian Region h=33.0 m_b=5.5
LPZ
0
10
20
30
40
50
GUMO
05:31:03.0
Δ= 19.1
0.2
-0.2
CTAO
05:31:29.8
Δ= 21.6
0.2
-0.3
TATO
05:32:44.8
Δ= 29.5
0.1
-0.1
NWAO
05:33:27.4
Δ= 34.3
0.1
-0.1
MAJO
05:34:04.7
Δ= 38.7
0.3
-0.3
CHTO
05:34:15.9
Δ= 40.0
0.1
-0.1
TAU
05:34:34.9
Δ= 42.3
1.0
-1.0
SHIO
05:35:27.7
Δ= 49.0
0.1
-0.1
SNZO
05:36:02.2
Δ= 53.6
0.1
-0.1
HON
05:37:56.1
Δ= 70.6
0.2
-0.2
0
10
20
30
40
50
Time (min)
1369

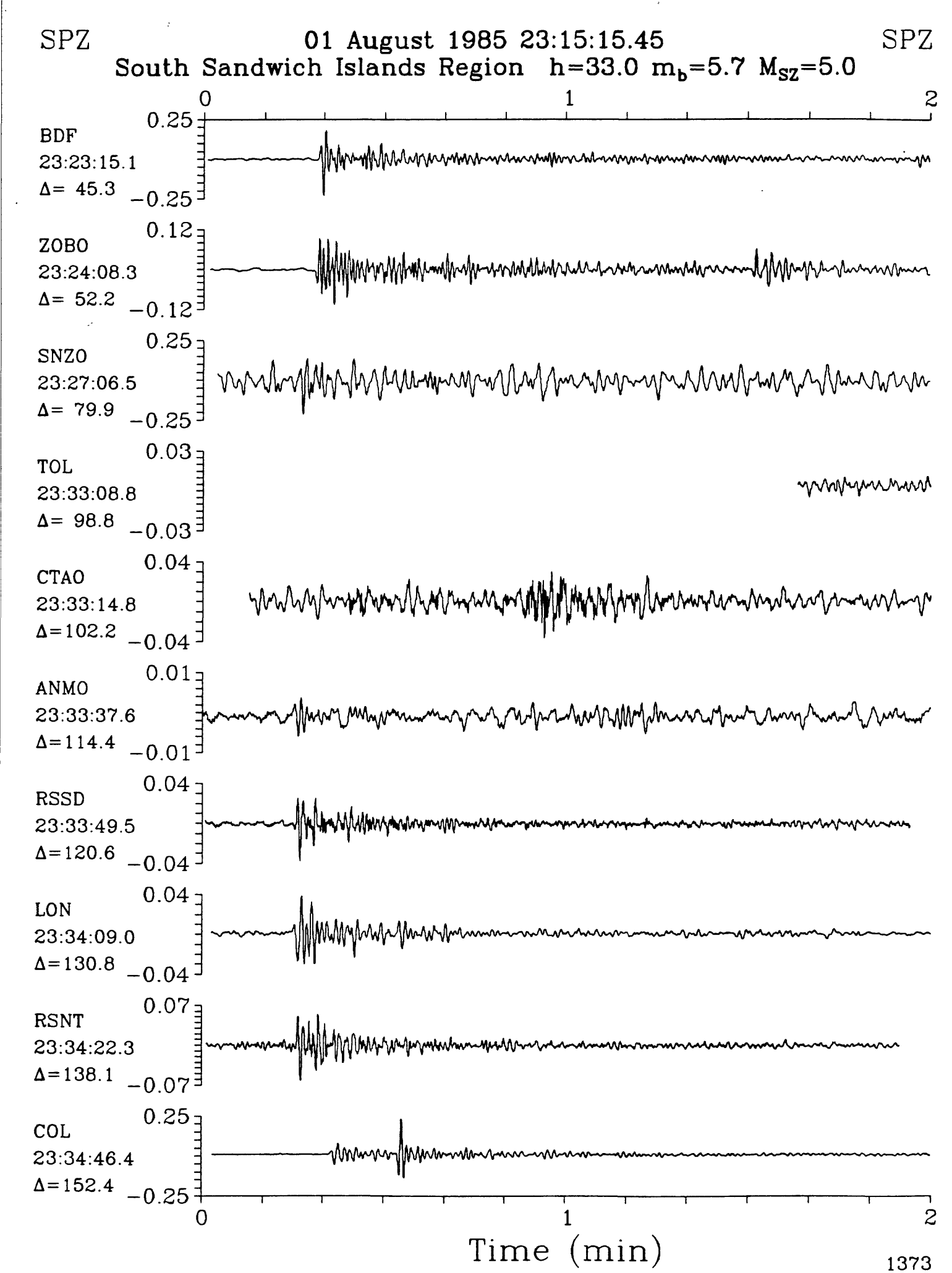

LPZ
01 August 1985 05:27:43.63
West Irian Region h=33.0 m_b=5.5
LPZ
0
10
20
30
40
50
COL
05:39:26.4
Δ= 87.0
0.2
−0.2
KEV
05:44:50.1
Δ= 97.8
0.2
−0.3
ANTO
05:44:53.7
Δ= 99.8
0.1
−0.1
LON
05:44:56.6
Δ=101.4
0.2
−0.2
RSNT
05:44:57.2
Δ=101.8
0.1
−0.1
SLR
05:44:59.5
Δ=103.0
0.1
−0.1
KONO
05:45:09.6
Δ=108.5
0.1
−0.1
GRFO
05:45:16.6
Δ=112.2
0.1
−0.1
GDH
05:45:17.8
Δ=112.8
0.6
−0.6
RSSD
05:45:20.4
Δ=114.2
0.1
−0.1
0
10
20
30
40
50
Time (min)

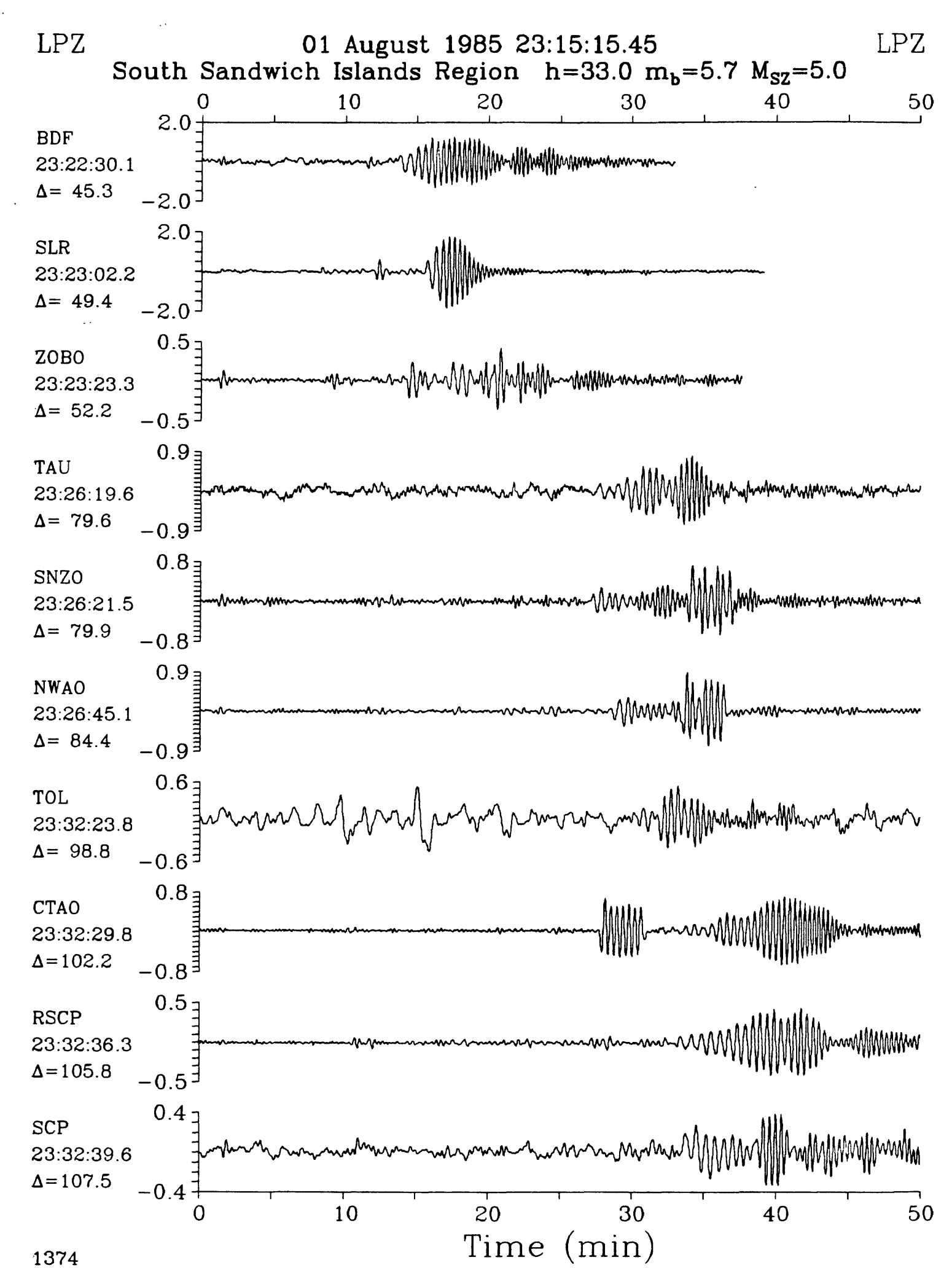

LPZ
01 August 1985 05:27:43.63
West Irian Region h=33.0 m_b=5.5
LPZ
0
10
20
30
40
50
ANMO
05:45:22.7
Δ=115.4
0.1
−0.1
RSON
05:45:26.2
Δ=117.2
0.1
−0.1
TOL
05:45:43.8
Δ=126.4
0.2
−0.2
GAC
05:45:49.8
Δ=129.6
0.2
−0.3
RSCP
05:45:51.8
Δ=130.6
0.1
−0.1
RSNY
05:45:52.3
Δ=130.9
0.1
−0.1
SCP
05:45:54.5
Δ=132.1
0.2
−0.2
ZOBO
05:46:28.5
Δ=151.7
0.1
−0.1
BDF
05:46:42.0
Δ=162.2
0.3
−0.3
0
10
20
30
40
50
Time (min)

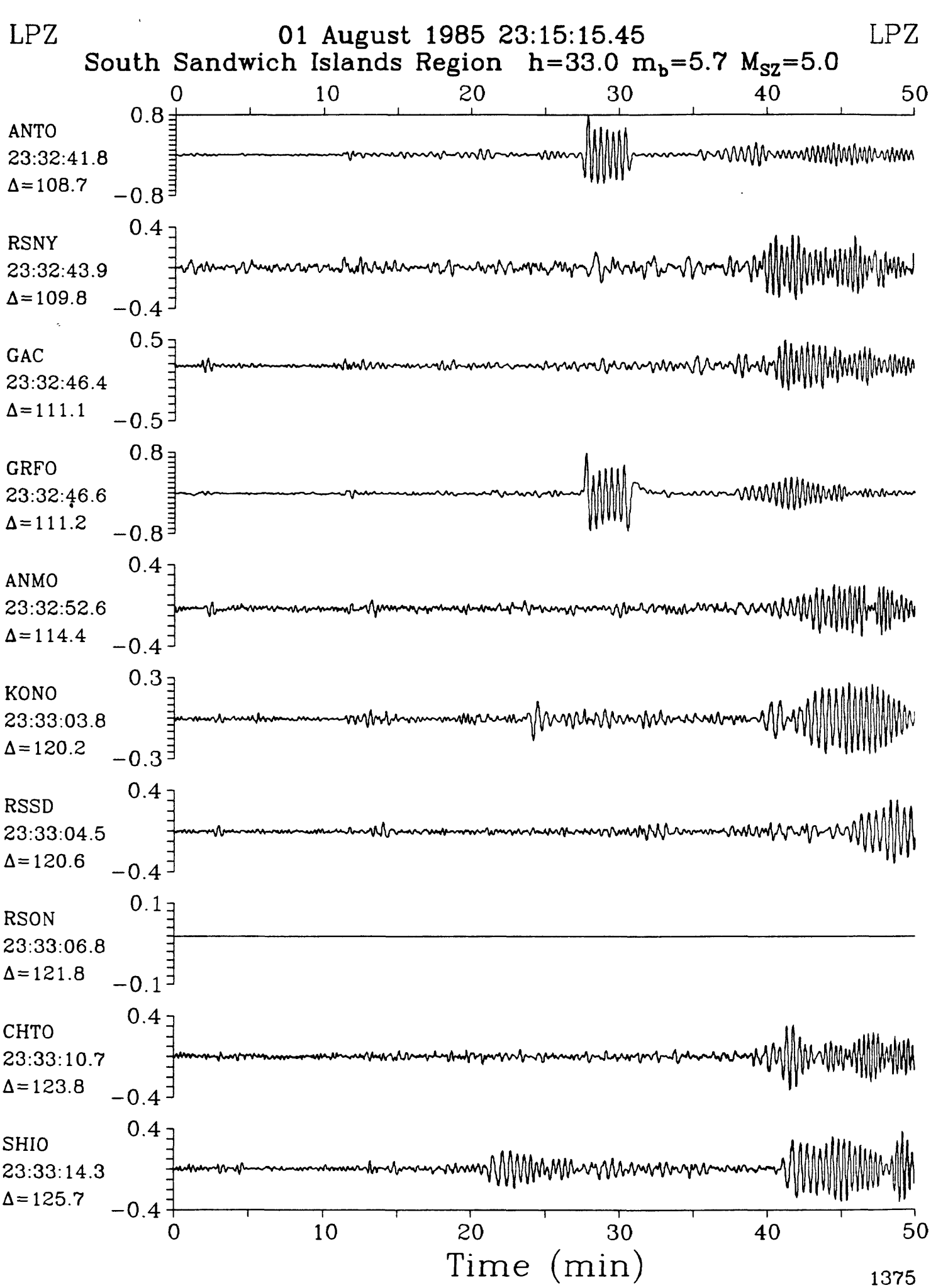
01 August 1985 23:15:15.45

South Sandwich Islands Region



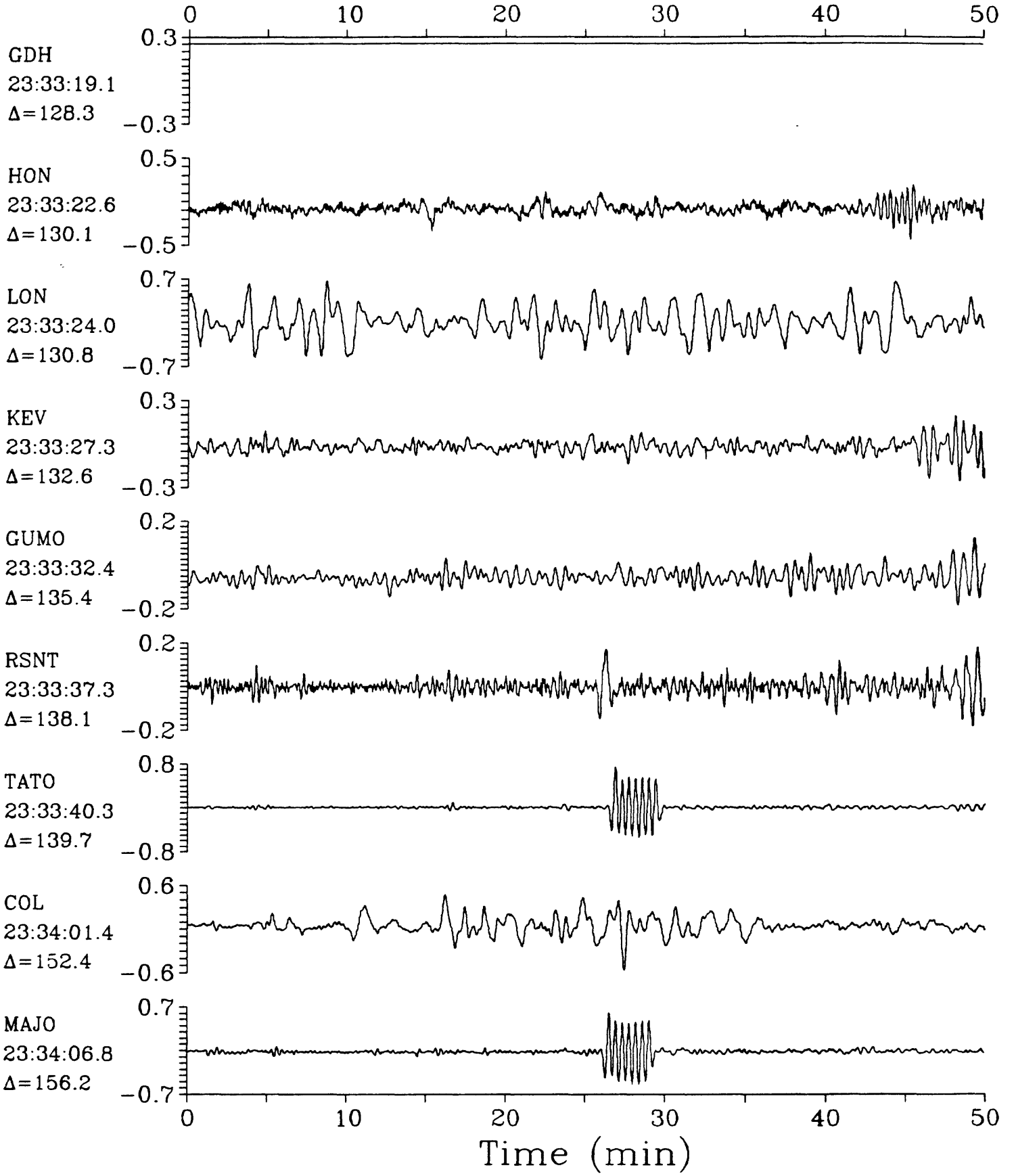

SPZ
01 August 1985 23:15:15.45
SPZ
South Sandwich Islands Region h=33.0 m_b=5.7 M_{SZ}=5.0
0
1
2
0.25
BDF
23:23:15.1
Δ= 45.3
−0.25
0.12
ZOBO
23:24:08.3
Δ= 52.2
−0.12
0.25
SNZO
23:27:06.5
Δ= 79.9
−0.25
0.03
TOL
23:33:08.8
Δ= 98.8
−0.03
0.04
CTAO
23:33:14.8
Δ=102.2
−0.04
0.01
ANMO
23:33:37.6
Δ=114.4
−0.01
0.04
RSSD
23:33:49.5
Δ=120.6
−0.04
0.04
LON
23:34:09.0
Δ=130.8
−0.04
0.07
RSNT
23:34:22.3
Δ=138.1
−0.07
0.25
COL
23:34:46.4
Δ=152.4
−0.25
0
1
2
Time (min)
1373


LPZ
01 August 1985 23:15:15.45
LPZ
South Sandwich Islands Region h=33.0 m_b=5.7 M_{SZ}=5.0
0
10
20
30
40
50
BDF
23:22:30.1
Δ= 45.3
2.0
-2.0
SLR
23:23:02.2
Δ= 49.4
2.0
-2.0
ZOBO
23:23:23.3
Δ= 52.2
0.5
-0.5
TAU
23:26:19.6
Δ= 79.6
0.9
-0.9
SNZO
23:26:21.5
Δ= 79.9
0.8
-0.8
NWAO
23:26:45.1
Δ= 84.4
0.9
-0.9
TOL
23:32:23.8
Δ= 98.8
0.6
-0.6
CTAO
23:32:29.8
Δ=102.2
0.8
-0.8
RSCP
23:32:36.3
Δ=105.8
0.5
-0.5
SCP
23:32:39.6
Δ=107.5
0.4
-0.4
0
10
20
30
40
50
Time (min)


LPZ
01 August 1985 23:15:15.45
LPZ
South Sandwich Islands Region h=33.0 m_b=5.7 M_{SZ}=5.0
0
10
20
30
40
50
ANTO
23:32:41.8
Δ=108.7
0.8
−0.8
RSNY
23:32:43.9
Δ=109.8
0.4
−0.4
GAC
23:32:46.4
Δ=111.1
0.5
−0.5
GRFO
23:32:46.6
Δ=111.2
0.8
−0.8
ANMO
23:32:52.6
Δ=114.4
0.4
−0.4
KONO
23:33:03.8
Δ=120.2
0.3
−0.3
RSSD
23:33:04.5
Δ=120.6
0.4
−0.4
RSON
23:33:06.8
Δ=121.8
0.1
−0.1
CHTO
23:33:10.7
Δ=123.8
0.4
−0.4
SHIO
23:33:14.3
Δ=125.7
0.4
−0.4
0
10
20
30
40
50
Time (min)
1375

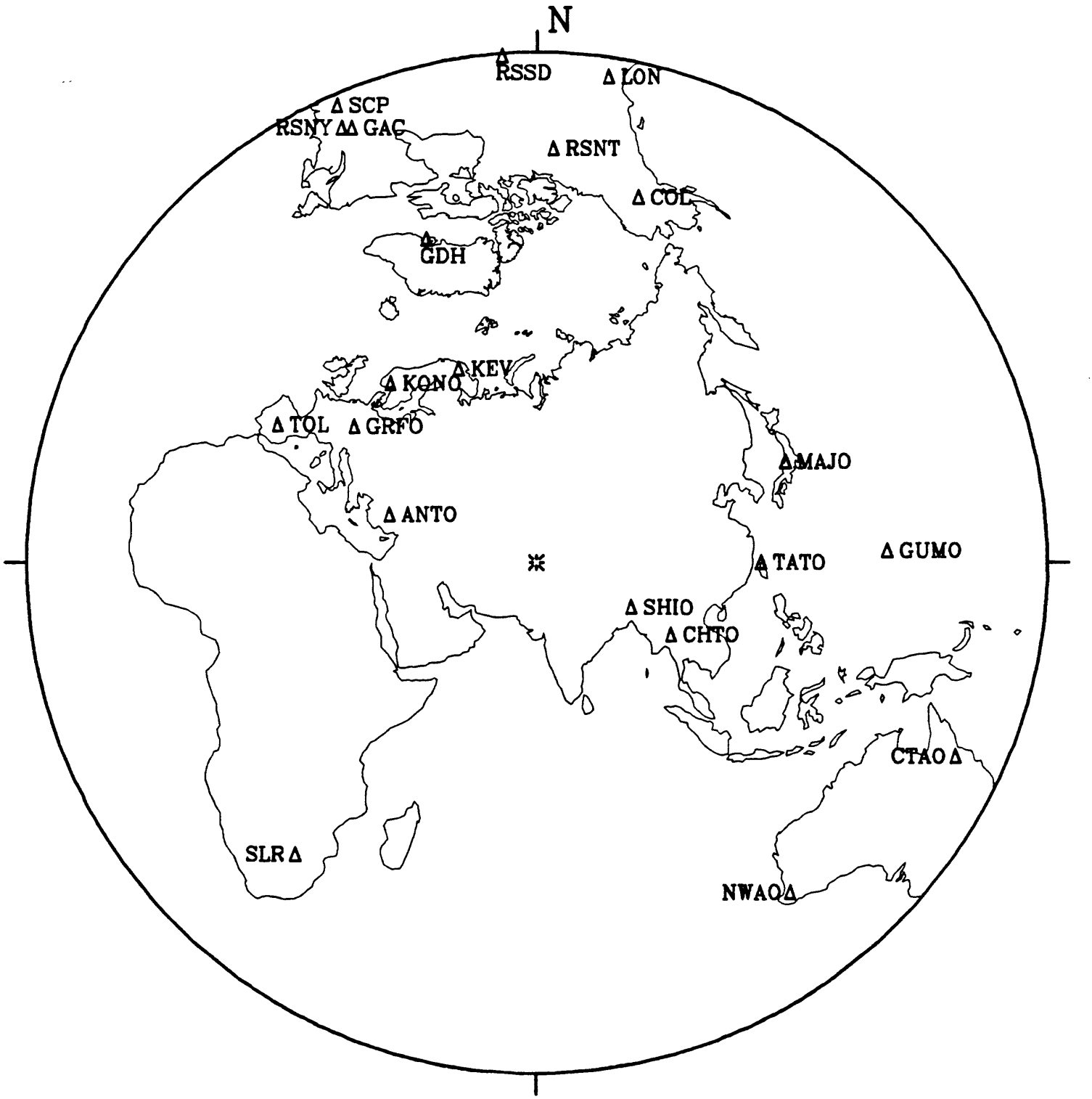
LPZ 01 August 1985 23:15:15.45 LPZ

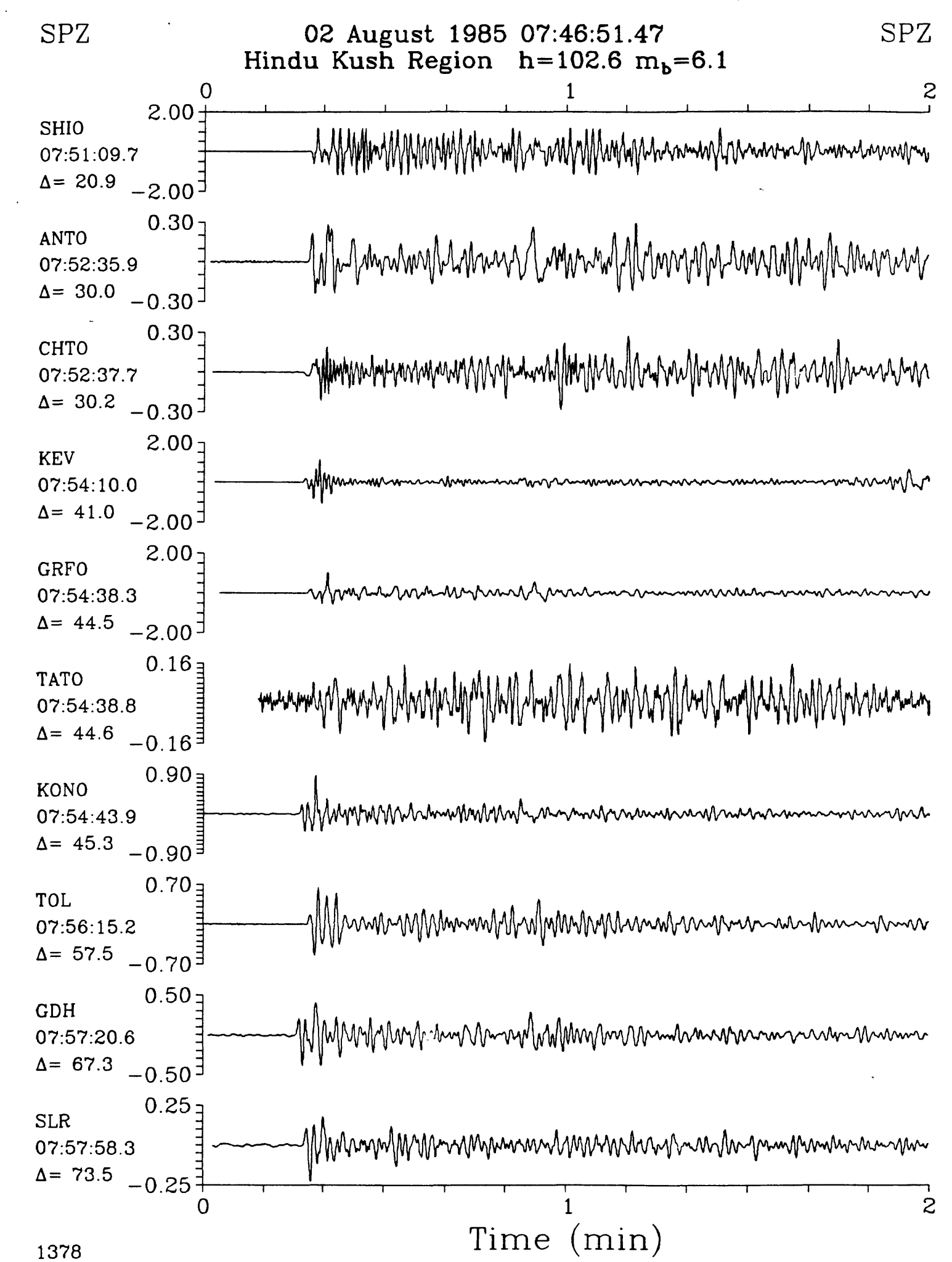
South Sandwich Islands Region h=33.0 m_b=5.7 M_{SZ}=5.0

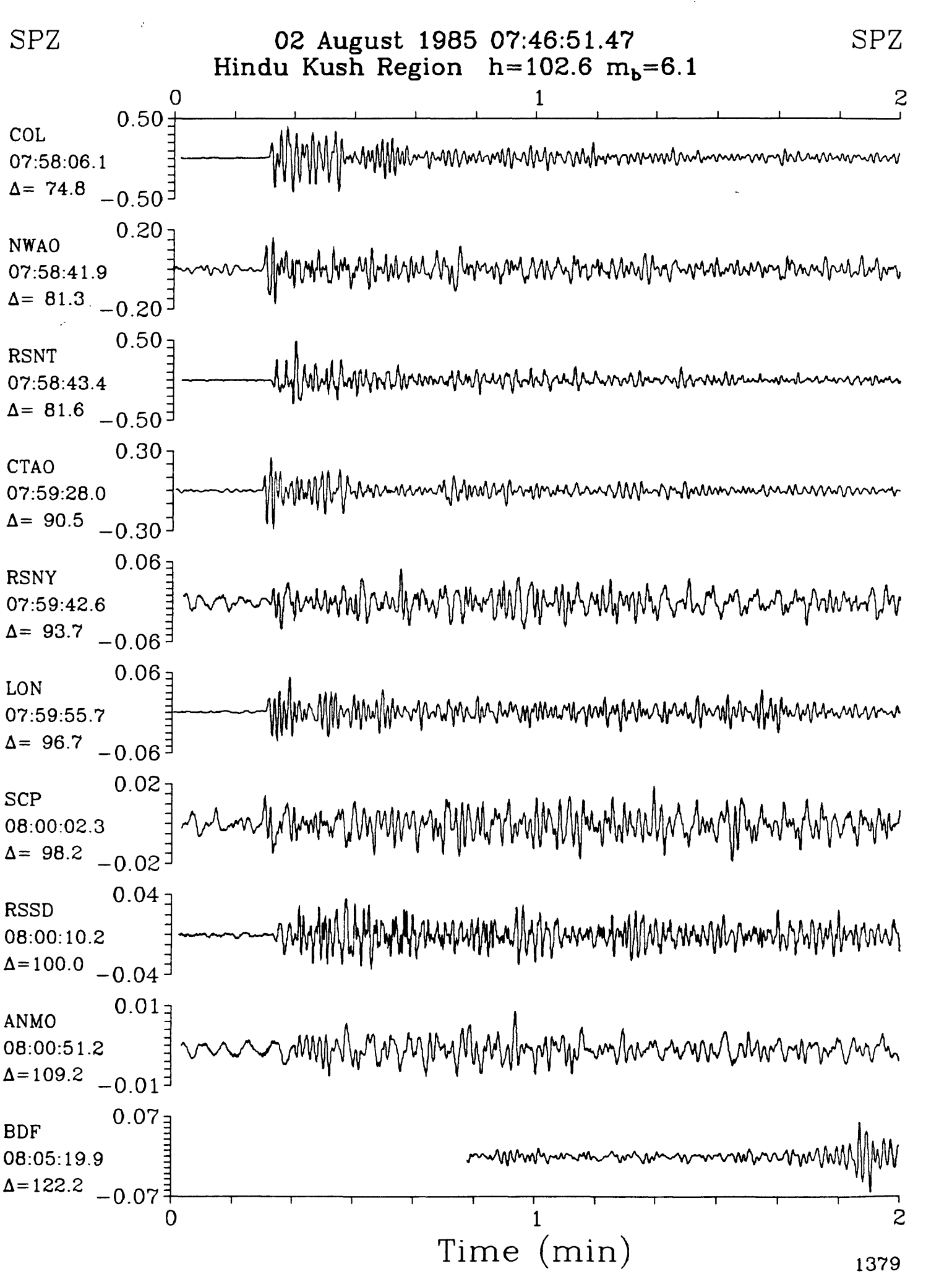


02 August 1985 07:46:51.47

Hindu Kush Region




SPZ
02 August 1985 07:46:51.47
Hindu Kush Region h=102.6 m_b=6.1
SPZ
0
1
2
2.00
SHIO
07:51:09.7
Δ= 20.9
−2.00
0.30
ANTO
07:52:35.9
Δ= 30.0
−0.30
0.30
CHTO
07:52:37.7
Δ= 30.2
−0.30
2.00
KEV
07:54:10.0
Δ= 41.0
−2.00
2.00
GRFO
07:54:38.3
Δ= 44.5
−2.00
0.16
TATO
07:54:38.8
Δ= 44.6
−0.16
0.90
KONO
07:54:43.9
Δ= 45.3
−0.90
0.70
TOL
07:56:15.2
Δ= 57.5
−0.70
0.50
GDH
07:57:20.6
Δ= 67.3
−0.50
0.25
SLR
07:57:58.3
Δ= 73.5
−0.25
0
1
2
Time (min)

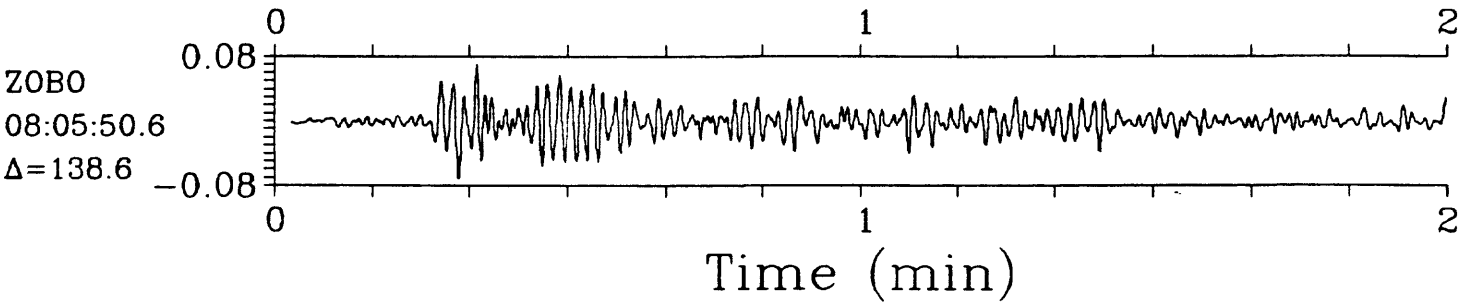

SPZ
02 August 1985 07:46:51.47
Hindu Kush Region h=102.6 m_b=6.1
SPZ
0
1
2
COL
07:58:06.1
Δ= 74.8
0.50
−0.50
NWAO
07:58:41.9
Δ= 81.3
0.20
−0.20
RSNT
07:58:43.4
Δ= 81.6
0.50
−0.50
CTAO
07:59:28.0
Δ= 90.5
0.30
−0.30
RSNY
07:59:42.6
Δ= 93.7
0.06
−0.06
LON
07:59:55.7
Δ= 96.7
0.06
−0.06
SCP
08:00:02.3
Δ= 98.2
0.02
−0.02
RSSD
08:00:10.2
Δ=100.0
0.04
−0.04
ANMO
08:00:51.2
Δ=109.2
0.01
−0.01
BDF
08:05:19.9
Δ=122.2
0.07
−0.07
0
1
2
Time (min)
1379

SPZ

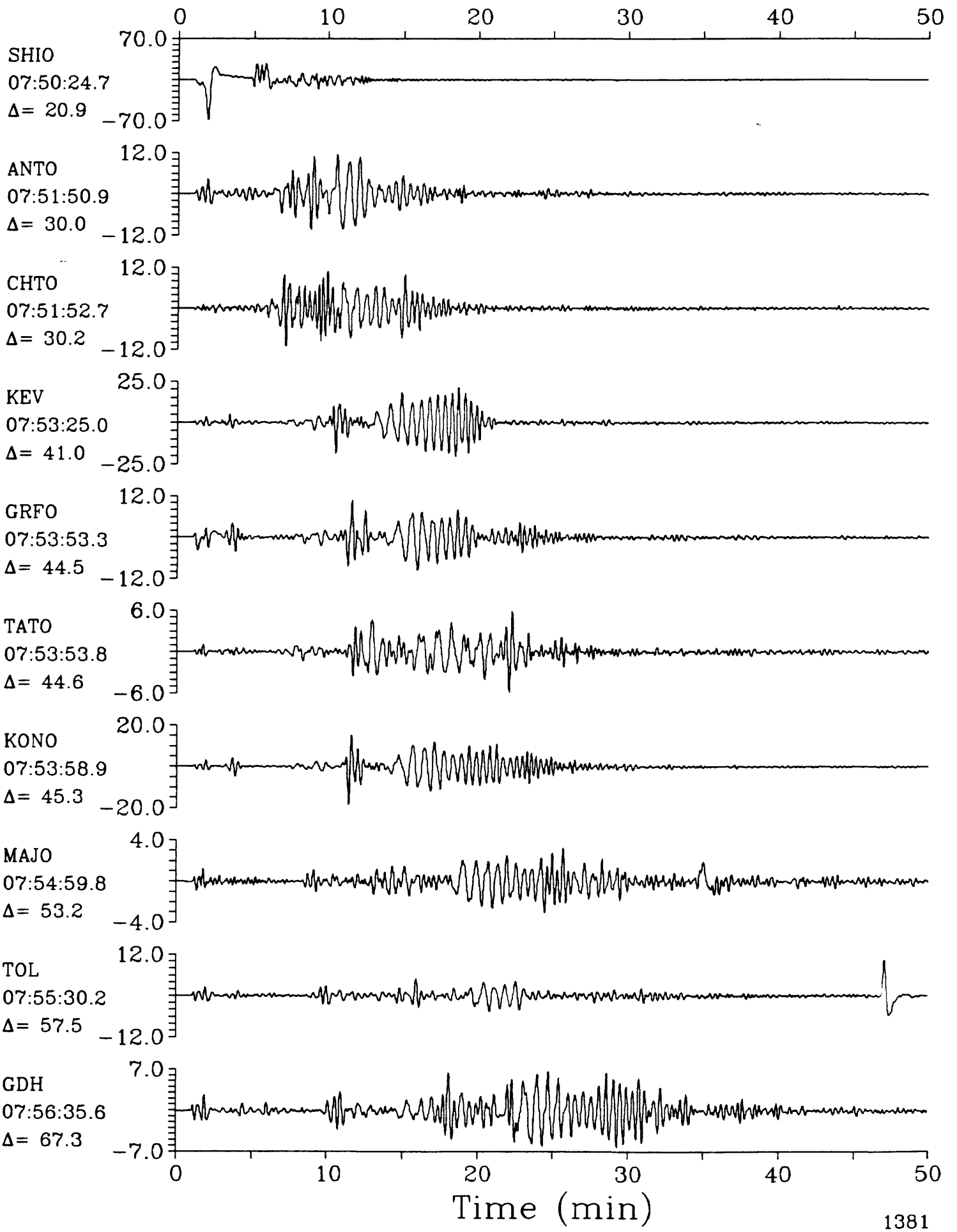
02 August 1985 07:46:51.47

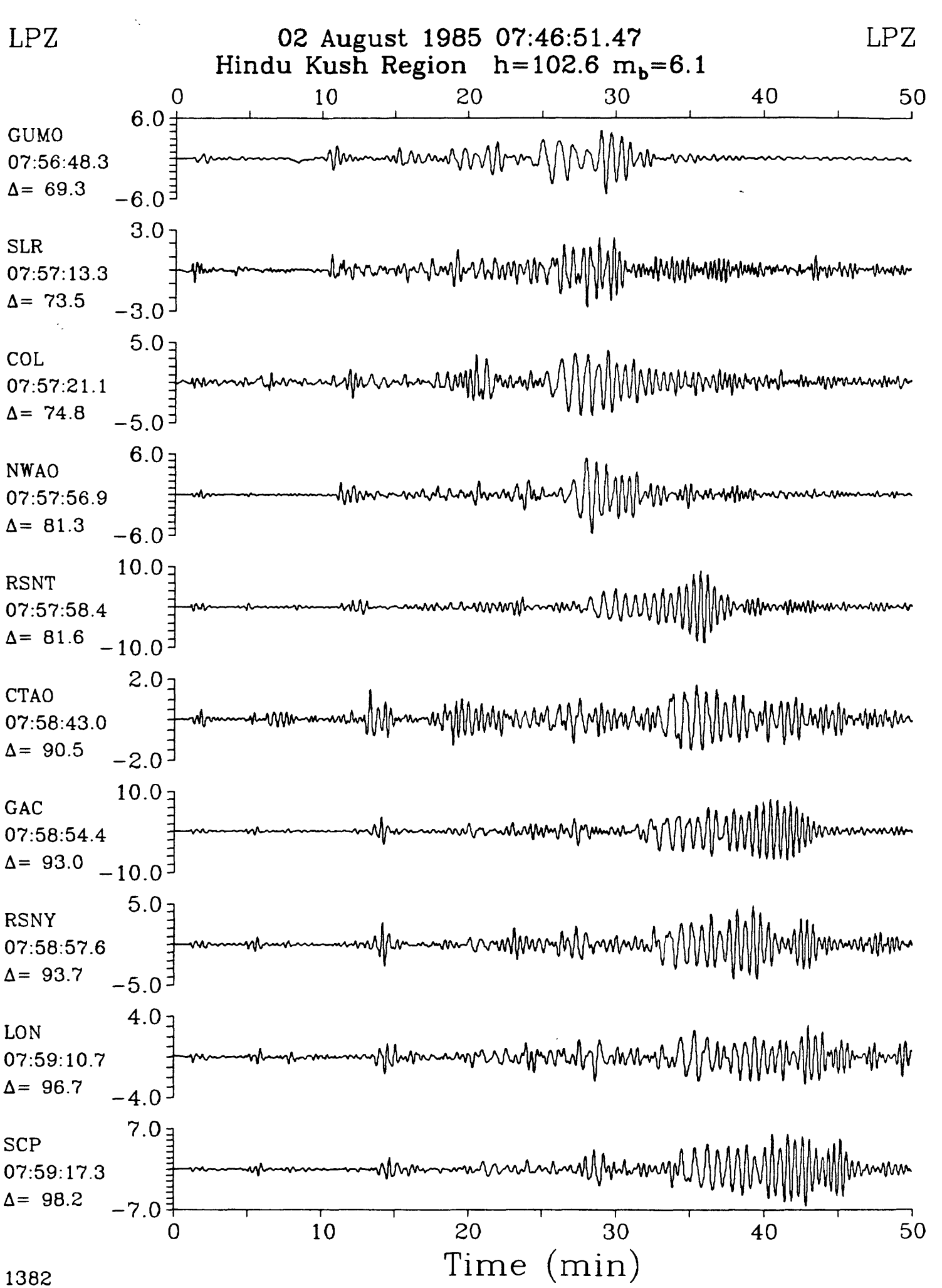
Hindu Kush Region h=102.6 m_b=6.1

SPZ

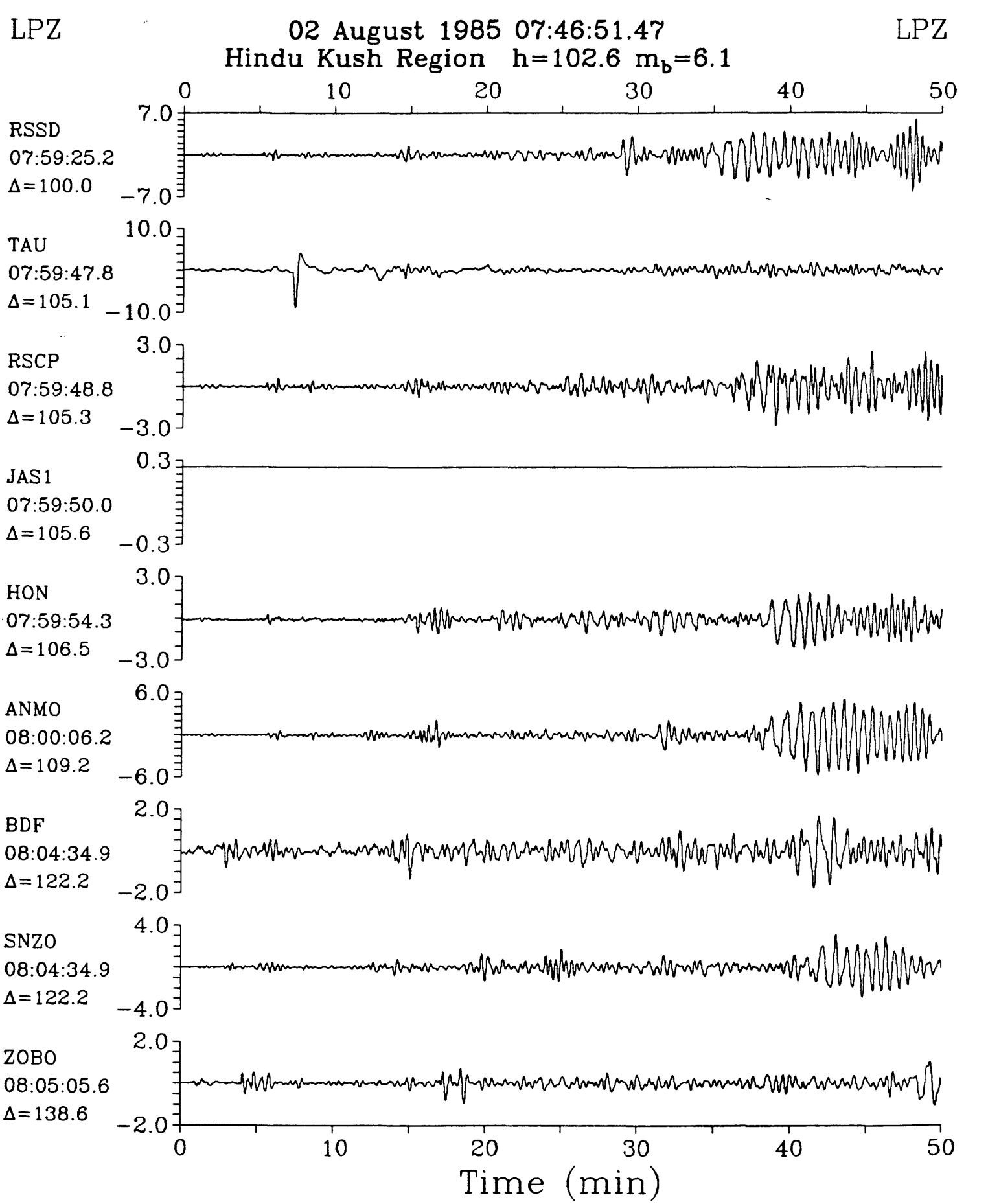


Time (min)


LPZ
02 August 1985 07:46:51.47
Hindu Kush Region h=102.6 m_b=6.1
LPZ
0
10
20
30
40
50
SHIO
07:50:24.7
Δ= 20.9
70.0
-70.0
ANTO
07:51:50.9
Δ= 30.0
12.0
-12.0
CHTO
07:51:52.7
Δ= 30.2
12.0
-12.0
KEV
07:53:25.0
Δ= 41.0
25.0
-25.0
GRFO
07:53:53.3
Δ= 44.5
12.0
-12.0
TATO
07:53:53.8
Δ= 44.6
6.0
-6.0
KONO
07:53:58.9
Δ= 45.3
20.0
-20.0
MAJO
07:54:59.8
Δ= 53.2
4.0
-4.0
TOL
07:55:30.2
Δ= 57.5
12.0
-12.0
GDH
07:56:35.6
Δ= 67.3
7.0
-7.0
0
10
20
30
40
50
Time (min)
1381


LPZ
02 August 1985 07:46:51.47
Hindu Kush Region h=102.6 m_b=6.1
LPZ
0
10
20
30
40
50
GUMO
07:56:48.3
Δ= 69.3
6.0
-6.0
SLR
07:57:13.3
Δ= 73.5
3.0
-3.0
COL
07:57:21.1
Δ= 74.8
5.0
-5.0
NWAO
07:57:56.9
Δ= 81.3
6.0
-6.0
RSNT
07:57:58.4
Δ= 81.6
10.0
-10.0
CTAO
07:58:43.0
Δ= 90.5
2.0
-2.0
GAC
07:58:54.4
Δ= 93.0
10.0
-10.0
RSNY
07:58:57.6
Δ= 93.7
5.0
-5.0
LON
07:59:10.7
Δ= 96.7
4.0
-4.0
SCP
07:59:17.3
Δ= 98.2
7.0
-7.0
0
10
20
30
40
50
Time (min)

1382

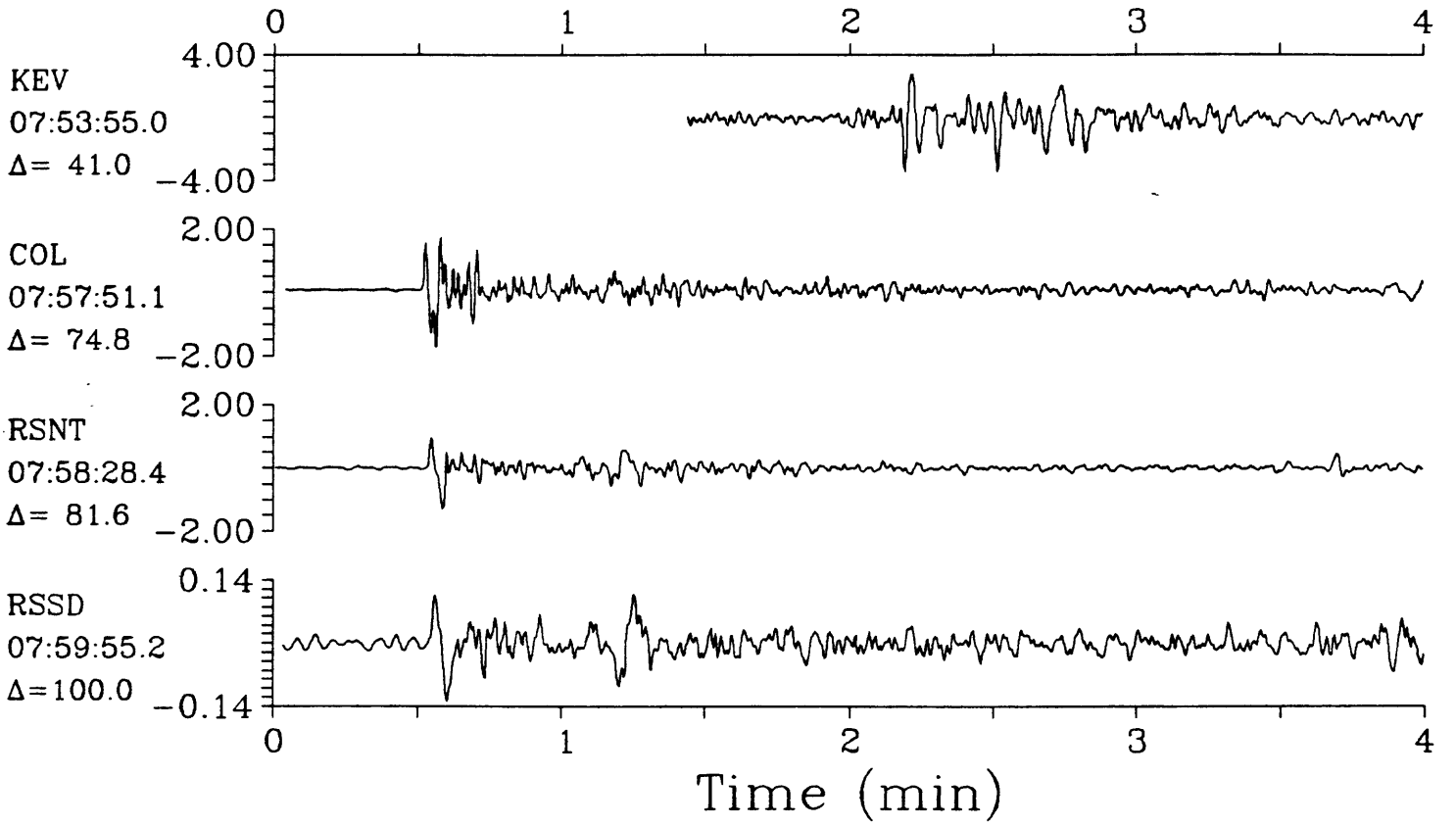

LPZ
02 August 1985 07:46:51.47
Hindu Kush Region h=102.6 m_b=6.1
LPZ
0
10
20
30
40
50
RSSD
07:59:25.2
Δ=100.0
7.0
-7.0
TAU
07:59:47.8
Δ=105.1
10.0
-10.0
RSCP
07:59:48.8
Δ=105.3
3.0
-3.0
JAS1
07:59:50.0
Δ=105.6
0.3
-0.3
HON
07:59:54.3
Δ=106.5
3.0
-3.0
ANMO
08:00:06.2
Δ=109.2
6.0
-6.0
BDF
08:04:34.9
Δ=122.2
2.0
-2.0
SNZO
08:04:34.9
Δ=122.2
4.0
-4.0
ZOBO
08:05:05.6
Δ=138.6
2.0
-2.0
0
10
20
30
40
50
Time (min)

IPZ

02 August 1985 07:46:51.47

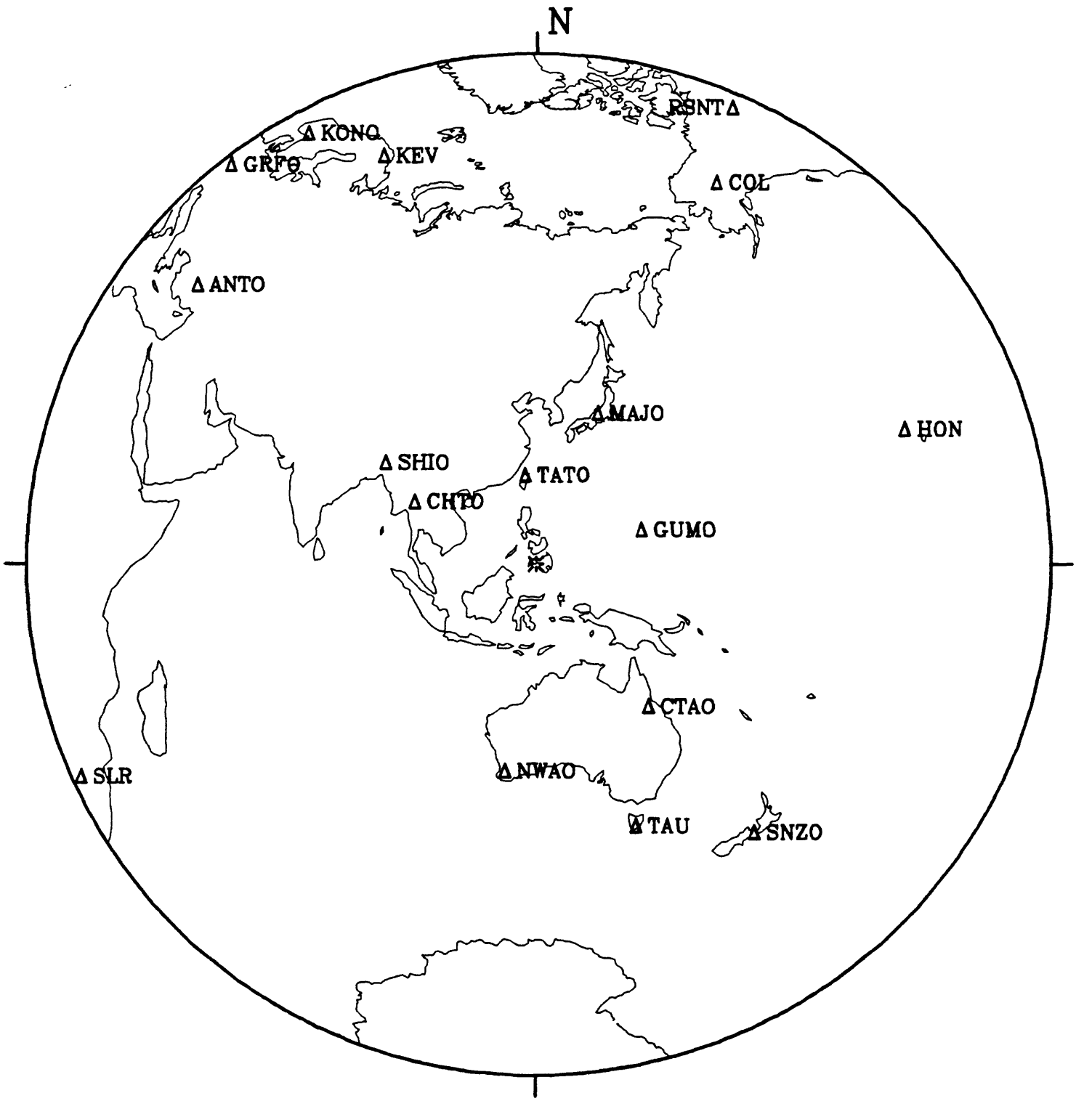
Hindu Kush Region h=102.6 m_b=6.1

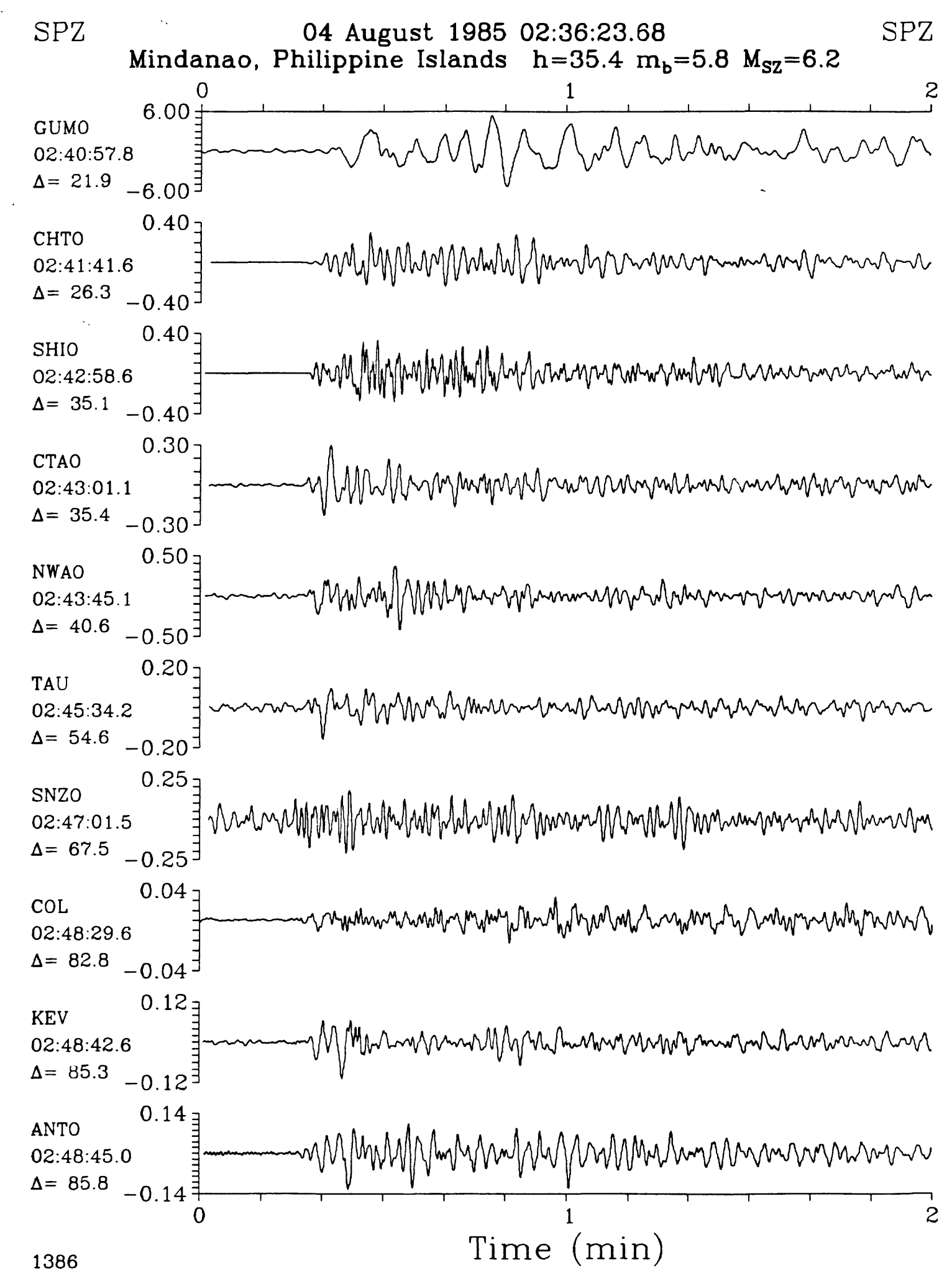
IPZ

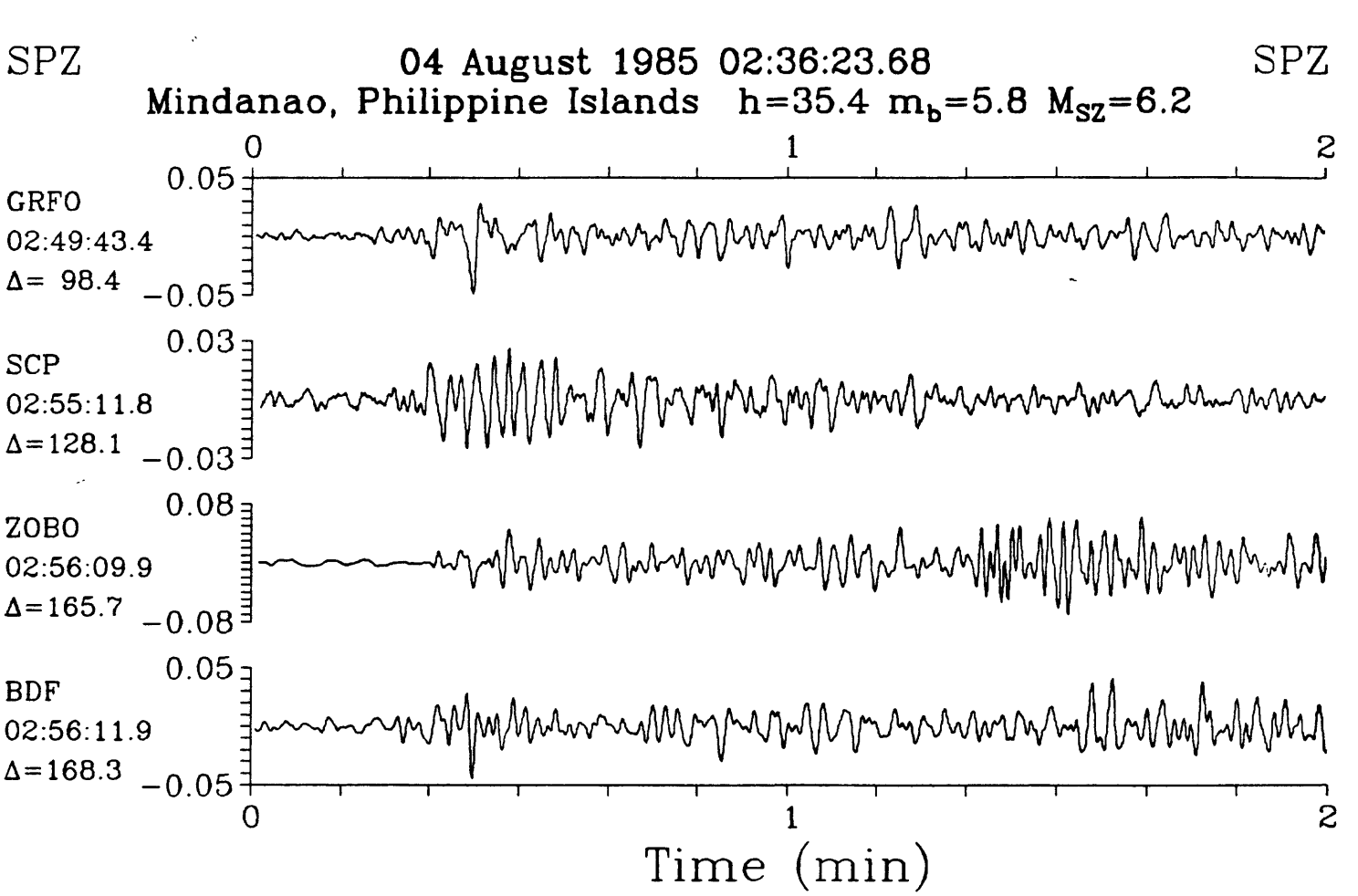


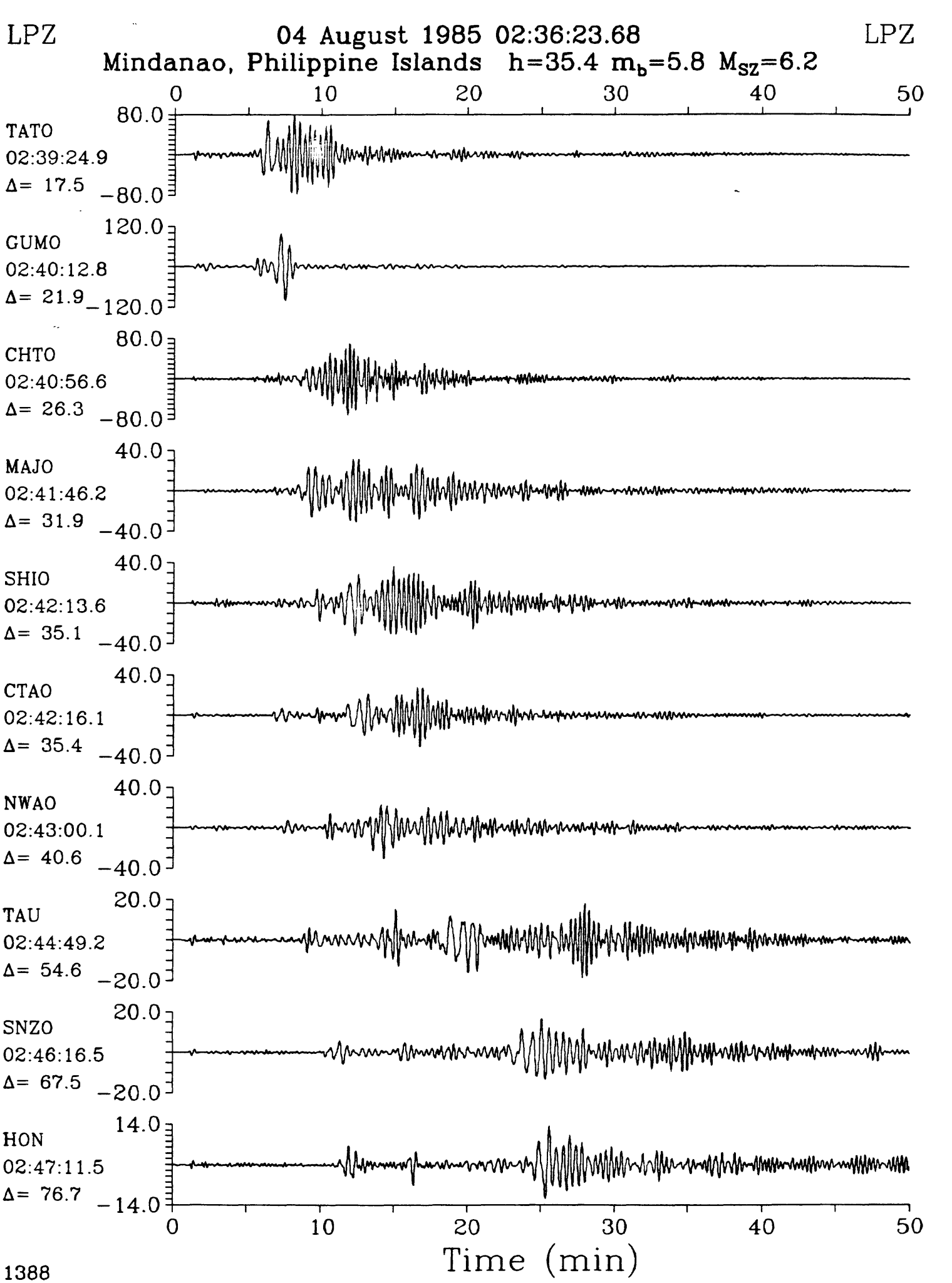
04 August 1985 02:36:23.68

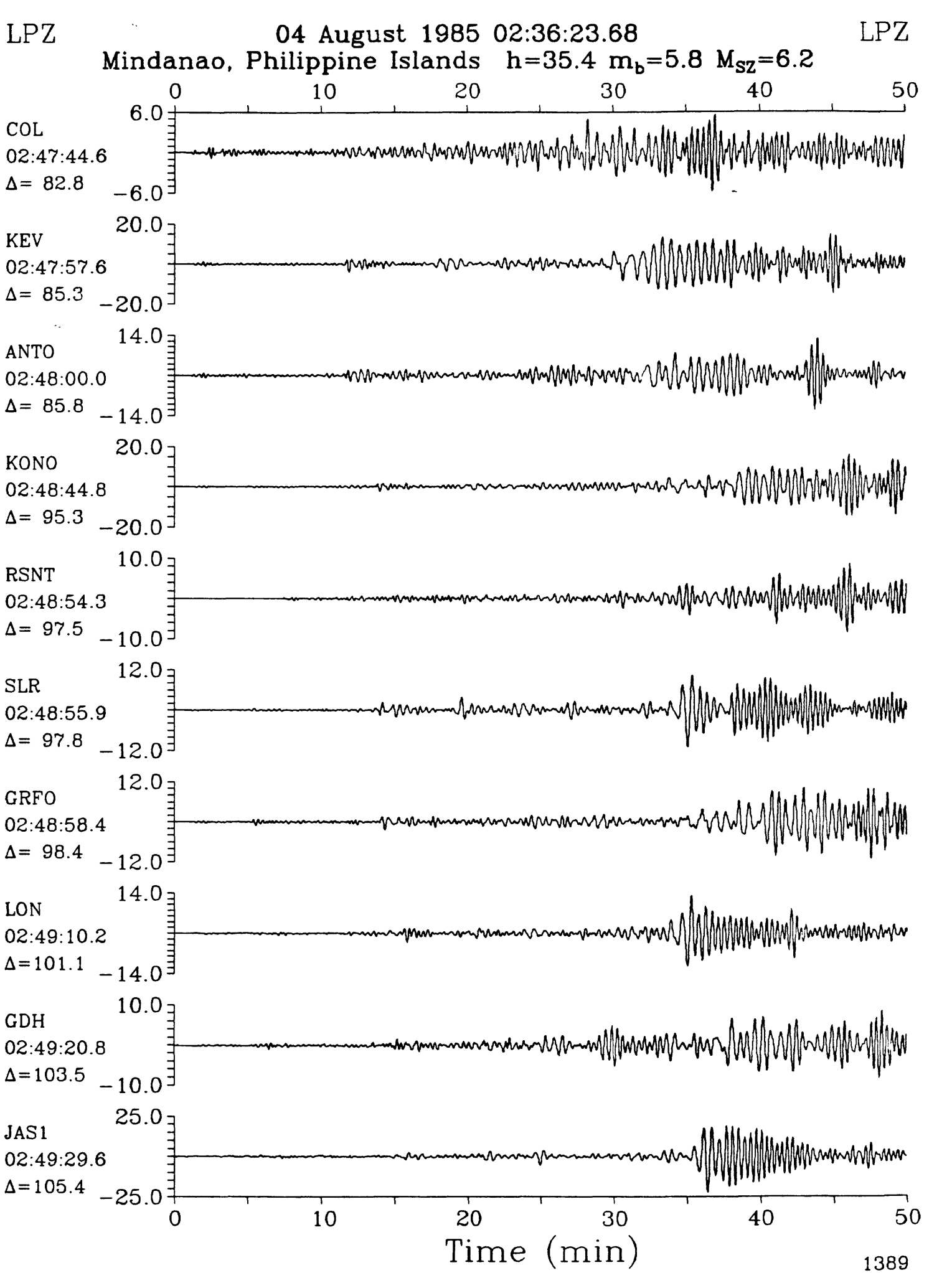
Mindanao, Philippine Islands

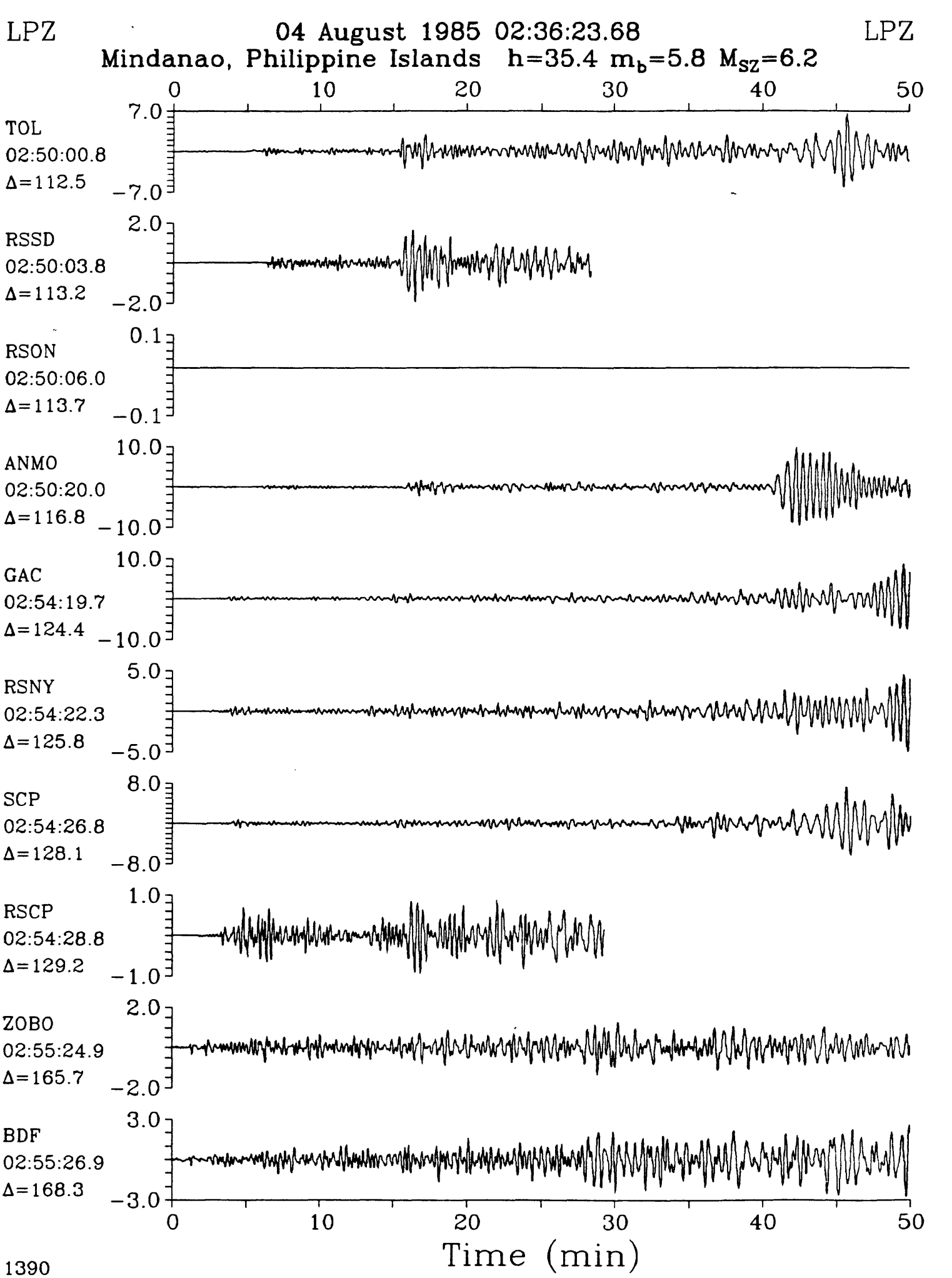



SPZ
04 August 1985 02:36:23.68
SPZ
Mindanao, Philippine Islands h=35.4 m_b=5.8 M_{SZ}=6.2
0
1
2
6.00
GUMO
02:40:57.8
Δ= 21.9
-6.00
0.40
CHTO
02:41:41.6
Δ= 26.3
-0.40
0.40
SHIO
02:42:58.6
Δ= 35.1
-0.40
0.30
CTAO
02:43:01.1
Δ= 35.4
-0.30
0.50
NWAO
02:43:45.1
Δ= 40.6
-0.50
0.20
TAU
02:45:34.2
Δ= 54.6
-0.20
0.25
SNZO
02:47:01.5
Δ= 67.5
-0.25
0.04
COL
02:48:29.6
Δ= 82.8
-0.04
0.12
KEV
02:48:42.6
Δ= 85.3
-0.12
0.14
ANTO
02:48:45.0
Δ= 85.8
-0.14
0
1
2
Time (min)
1386


SPZ
04 August 1985 02:36:23.68
SPZ
Mindanao, Philippine Islands h=35.4 m_b=5.8 M_{SZ}=6.2
0
1
2
0.05
GRFO
02:49:43.4
Δ= 98.4
−0.05
0.03
SCP
02:55:11.8
Δ=128.1
−0.03
0.08
ZOBO
02:56:09.9
Δ=165.7
−0.08
0.05
BDF
02:56:11.9
Δ=168.3
−0.05
0
1
2
Time (min)

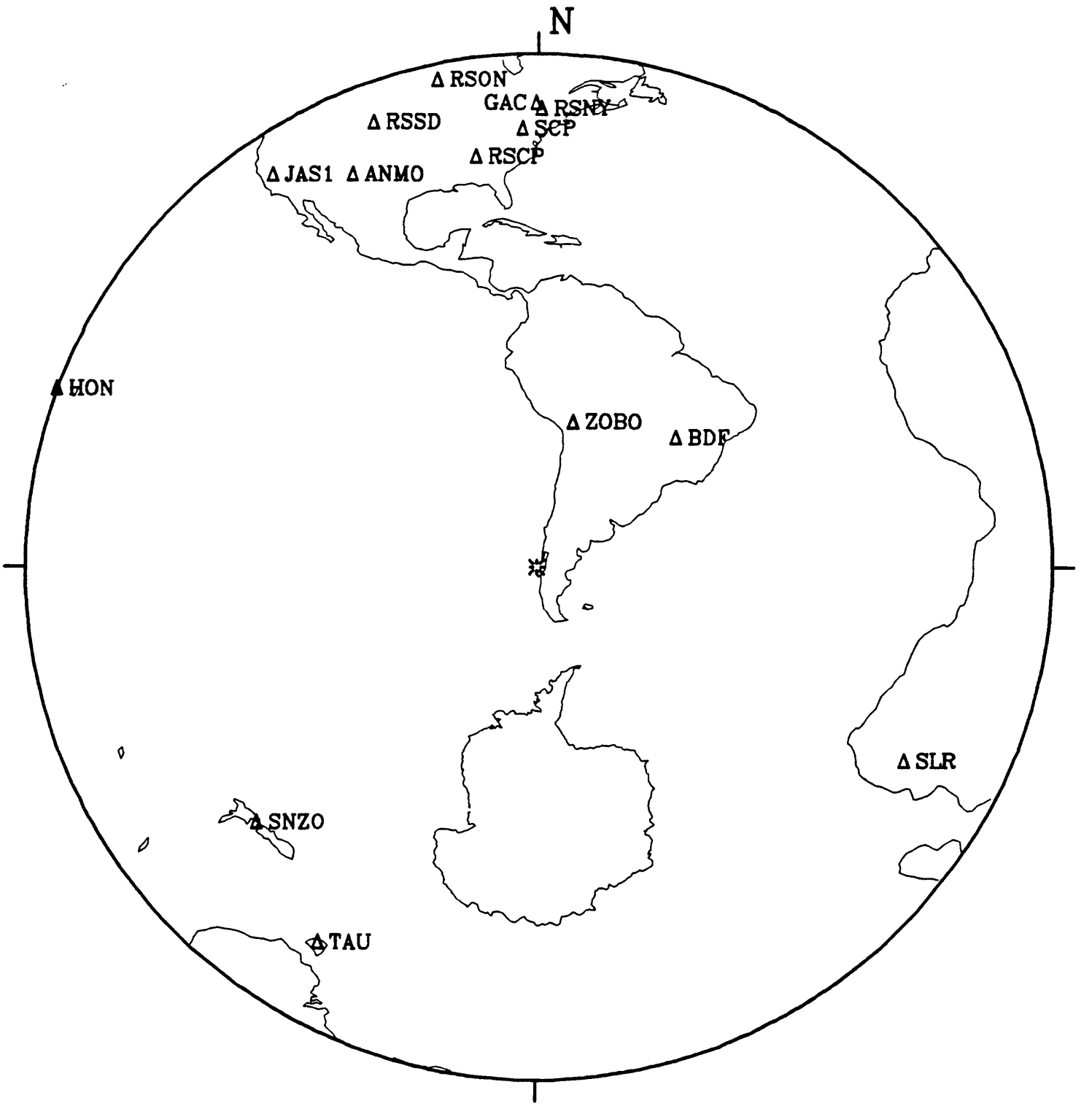

LPZ
04 August 1985 02:36:23.68
LPZ
Mindanao, Philippine Islands h=35.4 m_b=5.8 M_{SZ}=6.2
0
10
20
30
40
50
TATO
02:39:24.9
Δ= 17.5
80.0
-80.0
GUMO
02:40:12.8
Δ= 21.9
120.0
-120.0
CHTO
02:40:56.6
Δ= 26.3
80.0
-80.0
MAJO
02:41:46.2
Δ= 31.9
40.0
-40.0
SHIO
02:42:13.6
Δ= 35.1
40.0
-40.0
CTAO
02:42:16.1
Δ= 35.4
40.0
-40.0
NWAO
02:43:00.1
Δ= 40.6
40.0
-40.0
TAU
02:44:49.2
Δ= 54.6
20.0
-20.0
SNZO
02:46:16.5
Δ= 67.5
20.0
-20.0
HON
02:47:11.5
Δ= 76.7
14.0
-14.0
0
10
20
30
40
50
Time (min)
1388

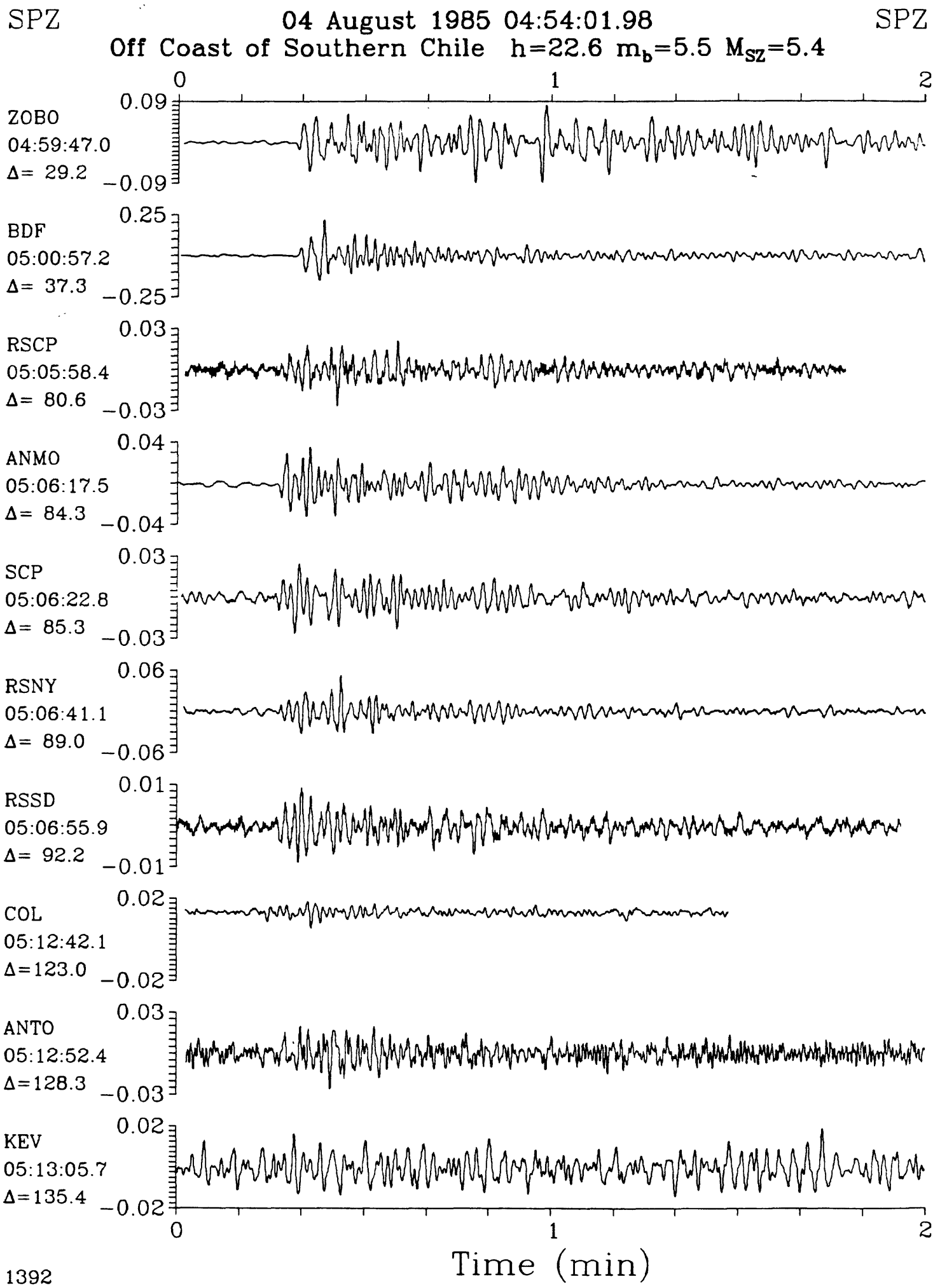

LPZ
04 August 1985 02:36:23.68
LPZ
Mindanao, Philippine Islands h=35.4 m_b=5.8 M_{SZ}=6.2
0
10
20
30
40
50
COL
02:47:44.6
Δ= 82.8
6.0
-6.0
KEV
02:47:57.6
Δ= 85.3
20.0
-20.0
ANTO
02:48:00.0
Δ= 85.8
14.0
-14.0
KONO
02:48:44.8
Δ= 95.3
20.0
-20.0
RSNT
02:48:54.3
Δ= 97.5
10.0
-10.0
SLR
02:48:55.9
Δ= 97.8
12.0
-12.0
GRFO
02:48:58.4
Δ= 98.4
12.0
-12.0
LON
02:49:10.2
Δ=101.1
14.0
-14.0
GDH
02:49:20.8
Δ=103.5
10.0
-10.0
JAS1
02:49:29.6
Δ=105.4
25.0
-25.0
0
10
20
30
40
50
Time (min)
1389


LPZ
04 August 1985 02:36:23.68
LPZ
Mindanao, Philippine Islands h=35.4 m_b=5.8 M_{SZ}=6.2
0
10
20
30
40
50
TOL
02:50:00.8
Δ=112.5
7.0
-7.0
RSSD
02:50:03.8
Δ=113.2
2.0
-2.0
RSON
02:50:06.0
Δ=113.7
0.1
-0.1
ANMO
02:50:20.0
Δ=116.8
10.0
-10.0
GAC
02:54:19.7
Δ=124.4
10.0
-10.0
RSNY
02:54:22.3
Δ=125.8
5.0
-5.0
SCP
02:54:26.8
Δ=128.1
8.0
-8.0
RSCP
02:54:28.8
Δ=129.2
1.0
-1.0
ZOBO
02:55:24.9
Δ=165.7
2.0
-2.0
BDF
02:55:26.9
Δ=168.3
3.0
-3.0
0
10
20
30
40
50
Time (min)
1390

04 August 1985 04:54:01.98

Off Coast of Southern Chile

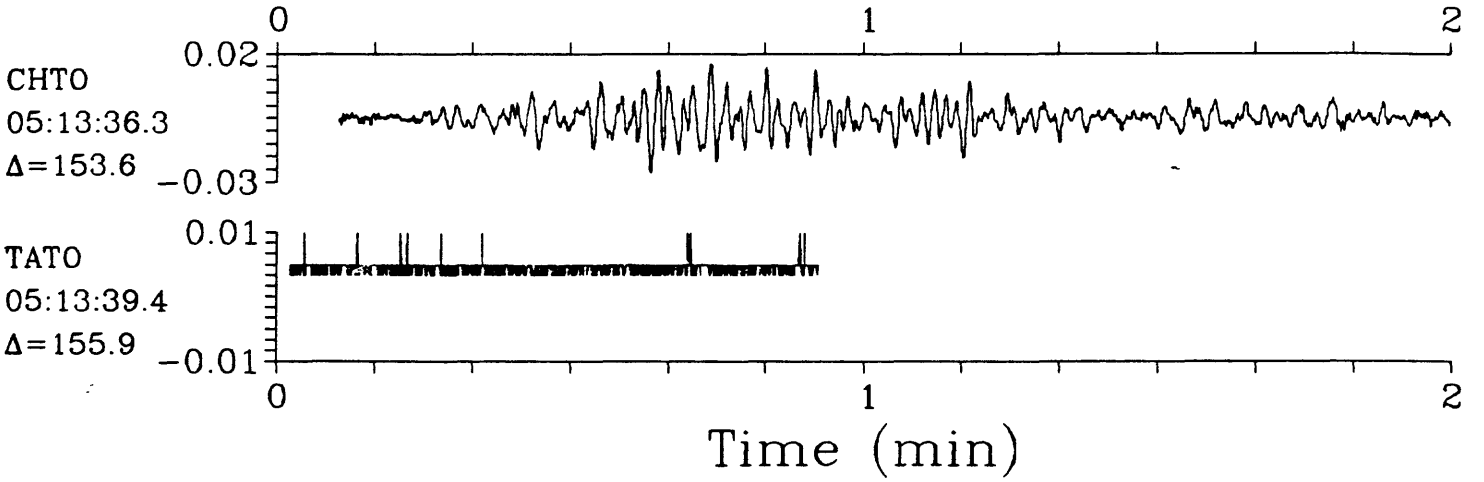



SPZ
04 August 1985 04:54:01.98
SPZ
Off Coast of Southern Chile h=22.6 m_b=5.5 M_{SZ}=5.4
0
1
2
0.09
ZOBO
04:59:47.0
Δ= 29.2
-0.09
0.25
BDF
05:00:57.2
Δ= 37.3
-0.25
0.03
RSCP
05:05:58.4
Δ= 80.6
-0.03
0.04
ANMO
05:06:17.5
Δ= 84.3
-0.04
0.03
SCP
05:06:22.8
Δ= 85.3
-0.03
0.06
RSNY
05:06:41.1
Δ= 89.0
-0.06
0.01
RSSD
05:06:55.9
Δ= 92.2
-0.01
0.02
COL
05:12:42.1
Δ=123.0
-0.02
0.03
ANTO
05:12:52.4
Δ=128.3
-0.03
0.02
KEV
05:13:05.7
Δ=135.4
-0.02
0
1
2
Time (min)

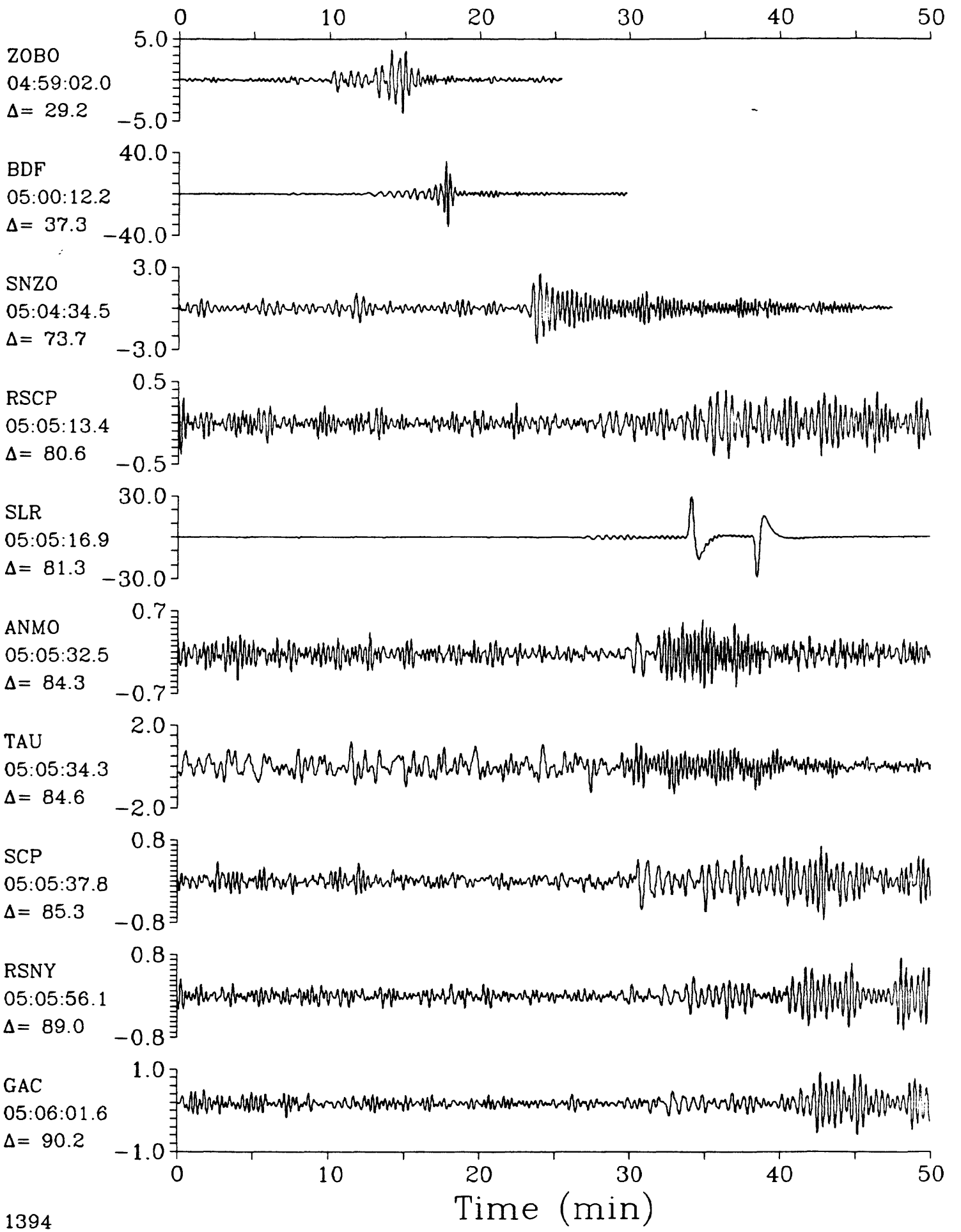
1392

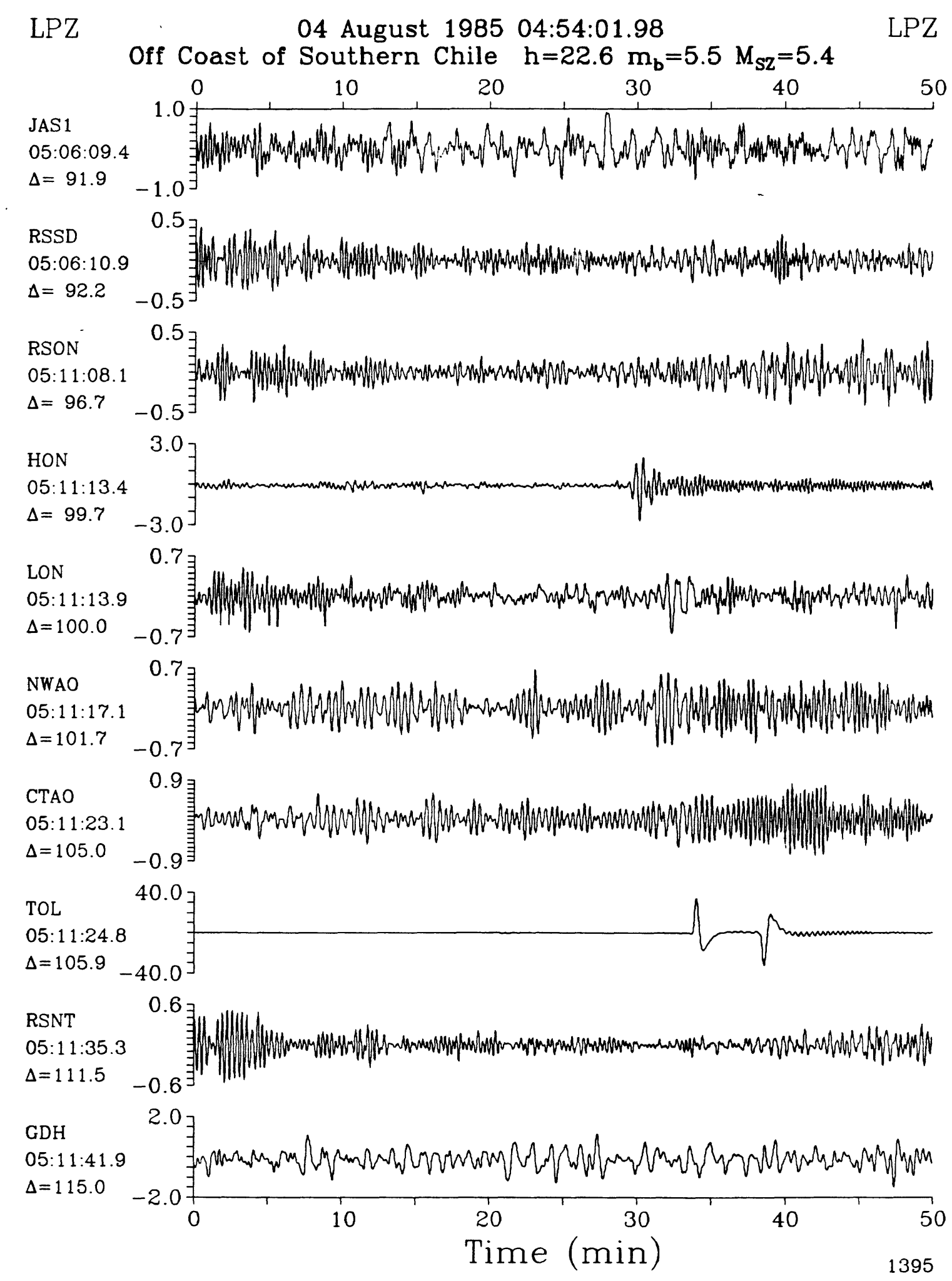
SPZ 04 August 1985 04:54:01.98 SPZ

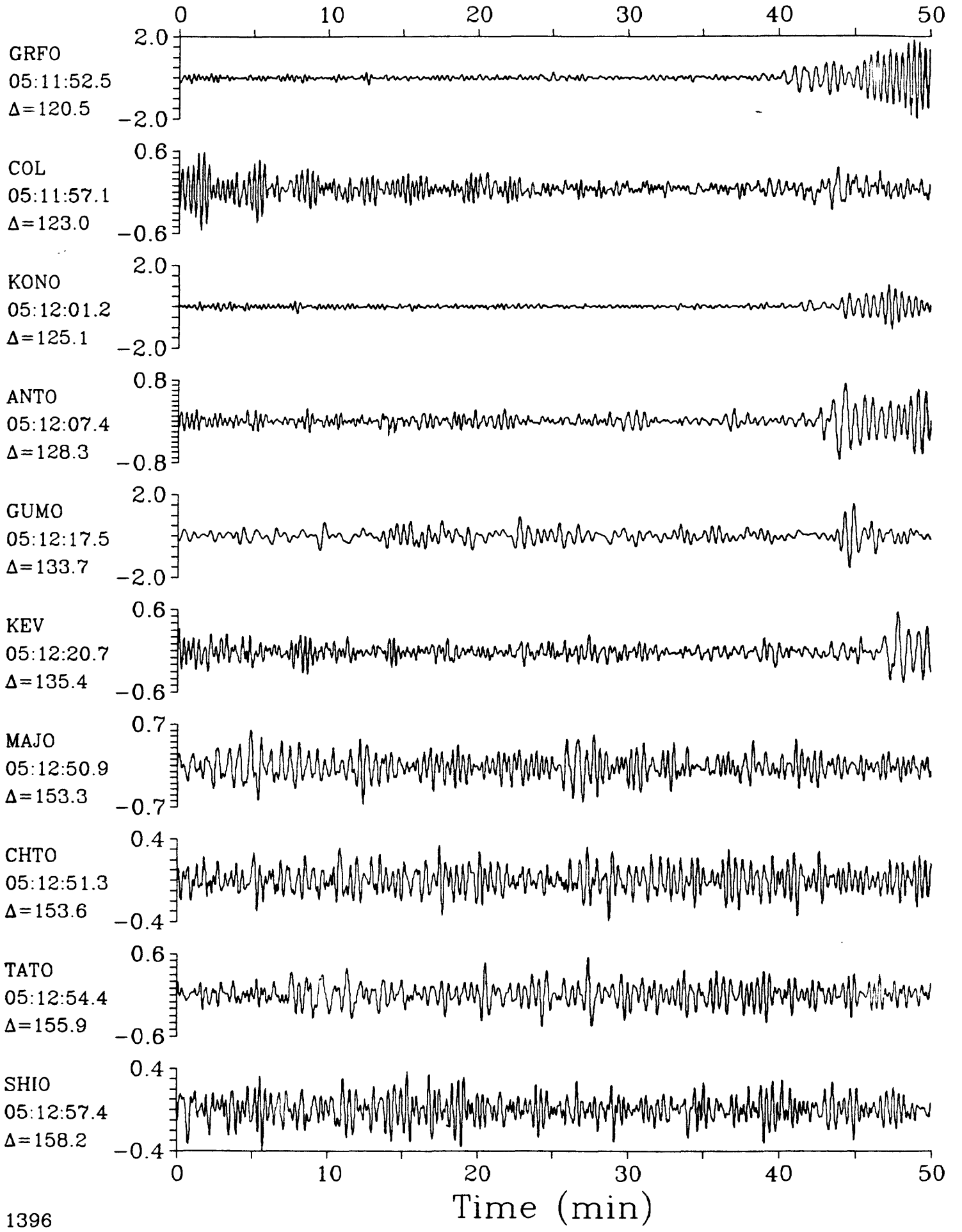
Off Coast of Southern Chile h=22.6 m_b=5.5 M_{SZ}=5.4



Time (min)

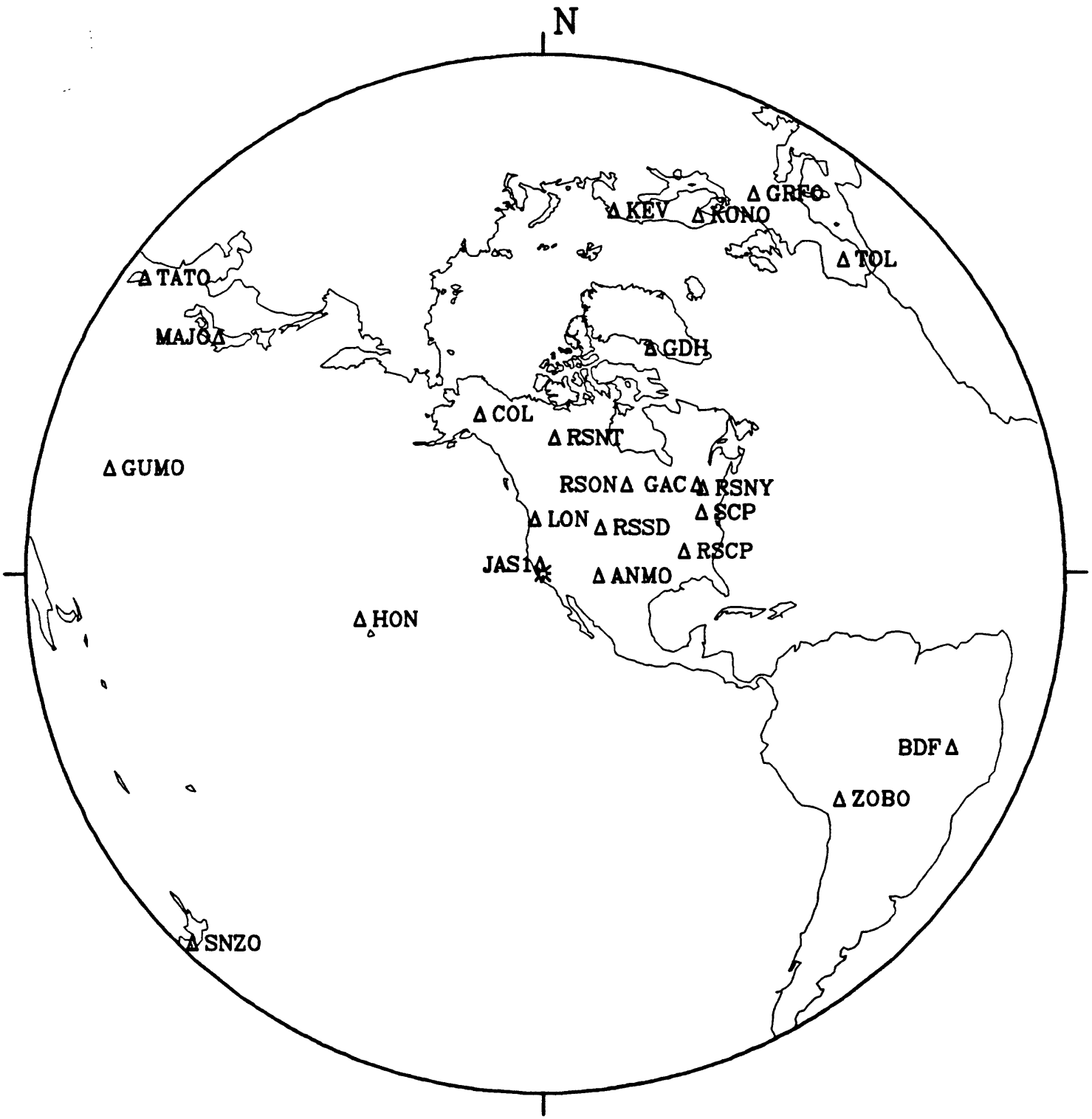

LPZ
04 August 1985 04:54:01.98
LPZ
Off Coast of Southern Chile h=22.6 m_b=5.5 M_{SZ}=5.4
0
10
20
30
40
50
ZOBO
04:59:02.0
Δ= 29.2
5.0
-5.0
BDF
05:00:12.2
Δ= 37.3
40.0
-40.0
SNZO
05:04:34.5
Δ= 73.7
3.0
-3.0
RSCP
05:05:13.4
Δ= 80.6
0.5
-0.5
SLR
05:05:16.9
Δ= 81.3
30.0
-30.0
ANMO
05:05:32.5
Δ= 84.3
0.7
-0.7
TAU
05:05:34.3
Δ= 84.6
2.0
-2.0
SCP
05:05:37.8
Δ= 85.3
0.8
-0.8
RSNY
05:05:56.1
Δ= 89.0
0.8
-0.8
GAC
05:06:01.6
Δ= 90.2
1.0
-1.0
0
10
20
30
40
50
Time (min)

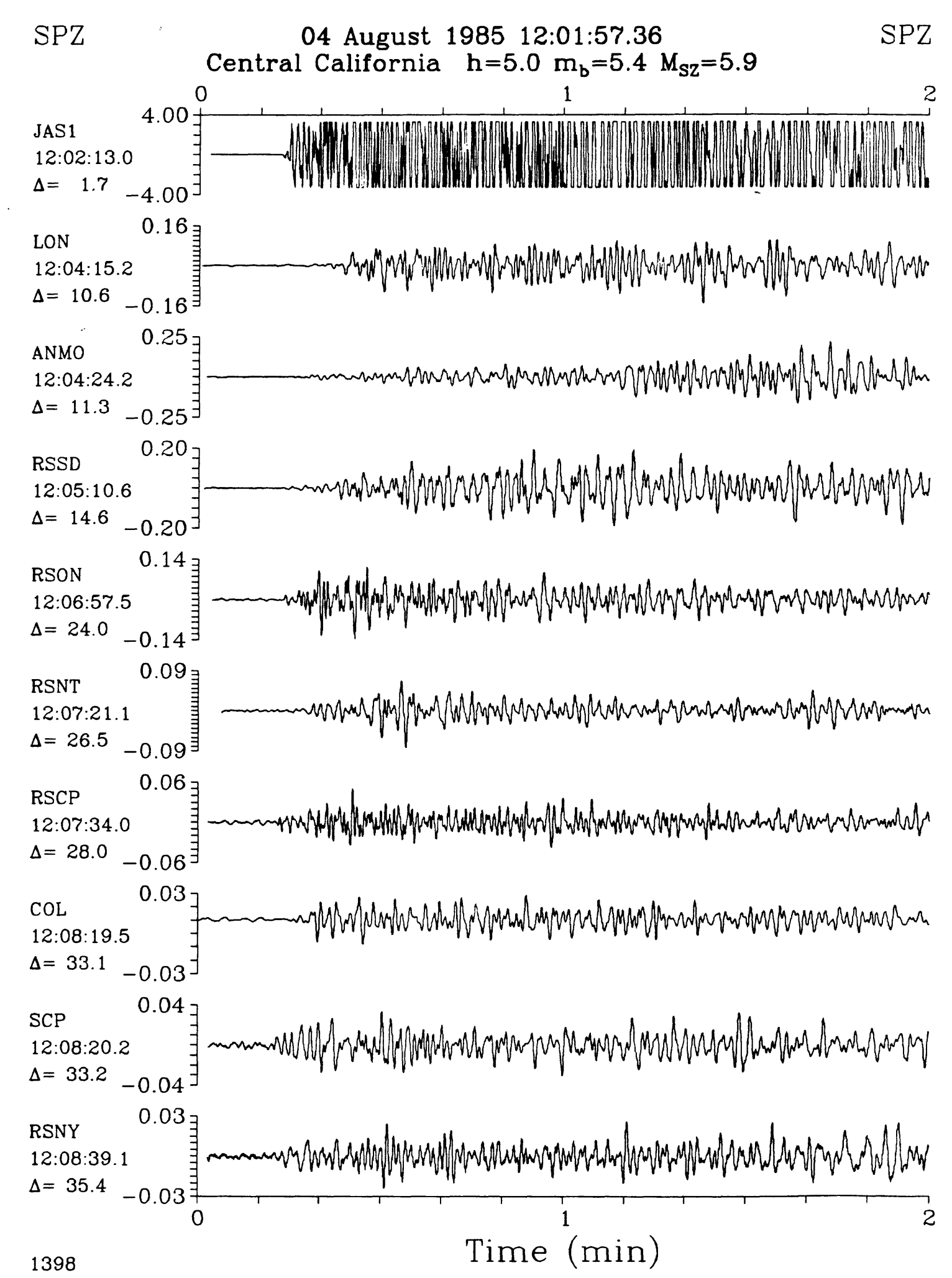

LPZ
04 August 1985 04:54:01.98
LPZ
Off Coast of Southern Chile h=22.6 m_b=5.5 M_{SZ}=5.4
0
10
20
30
40
50
JAS1
05:06:09.4
Δ= 91.9
1.0
-1.0
RSSD
05:06:10.9
Δ= 92.2
0.5
-0.5
RSON
05:11:08.1
Δ= 96.7
0.5
-0.5
HON
05:11:13.4
Δ= 99.7
3.0
-3.0
LON
05:11:13.9
Δ=100.0
0.7
-0.7
NWAO
05:11:17.1
Δ=101.7
0.7
-0.7
CTAO
05:11:23.1
Δ=105.0
0.9
-0.9
TOL
05:11:24.8
Δ=105.9
40.0
-40.0
RSNT
05:11:35.3
Δ=111.5
0.6
-0.6
GDH
05:11:41.9
Δ=115.0
2.0
-2.0
0
10
20
30
40
50
Time (min)
1395


LPZ
04 August 1985 04:54:01.98
LPZ
Off Coast of Southern Chile h=22.6 m_b=5.5 M_{SZ}=5.4
0
10
20
30
40
50
GRFO
05:11:52.5
Δ=120.5
2.0
-2.0
COL
05:11:57.1
Δ=123.0
0.6
-0.6
KONO
05:12:01.2
Δ=125.1
2.0
-2.0
ANTO
05:12:07.4
Δ=128.3
0.8
-0.8
GUMO
05:12:17.5
Δ=133.7
2.0
-2.0
KEV
05:12:20.7
Δ=135.4
0.6
-0.6
MAJO
05:12:50.9
Δ=153.3
0.7
-0.7
CHTO
05:12:51.3
Δ=153.6
0.4
-0.4
TATO
05:12:54.4
Δ=155.9
0.6
-0.6
SHIO
05:12:57.4
Δ=158.2
0.4
-0.4
0
10
20
30
40
50
Time (min)

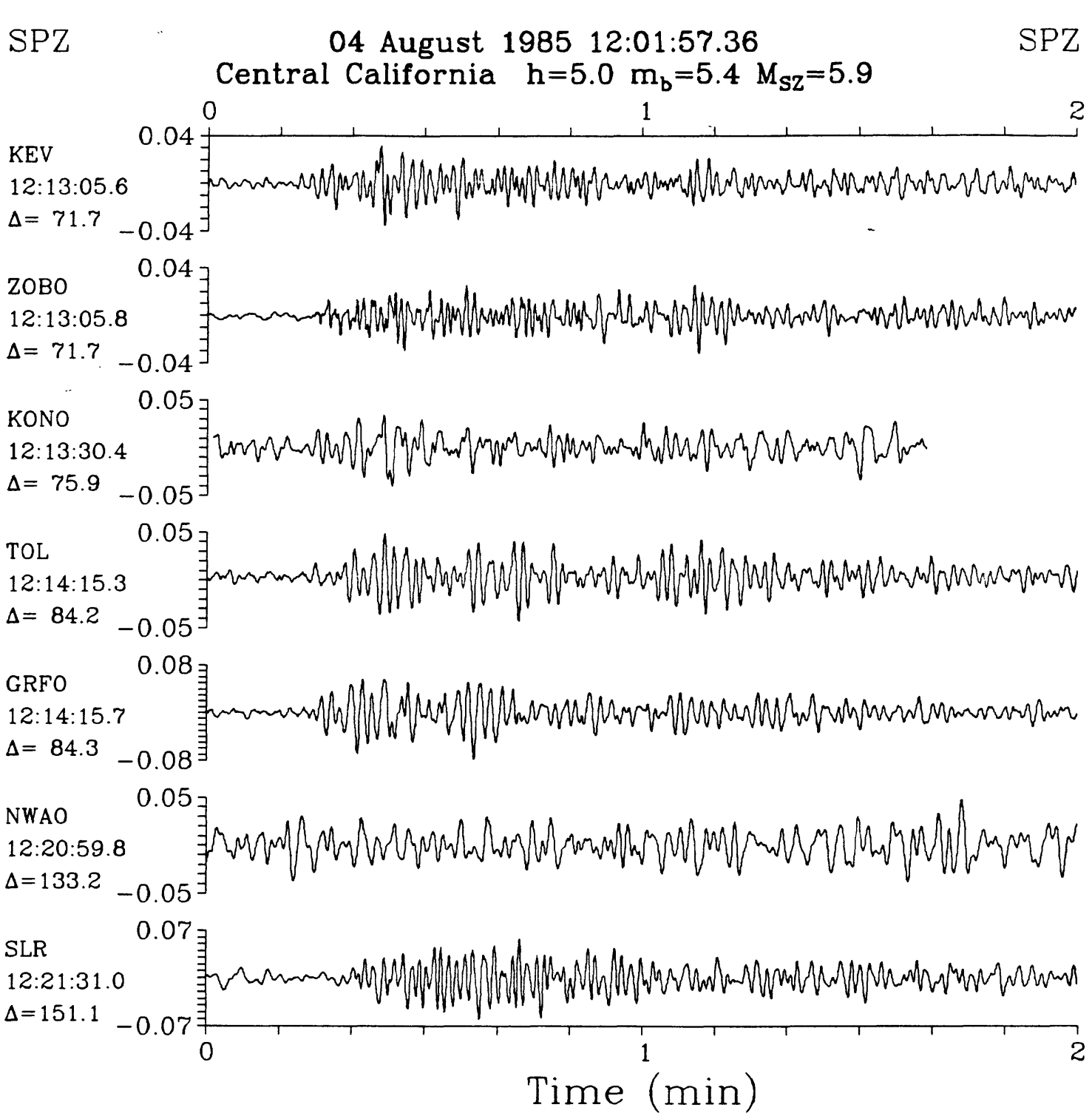
04 August 1985 12:01:57.36

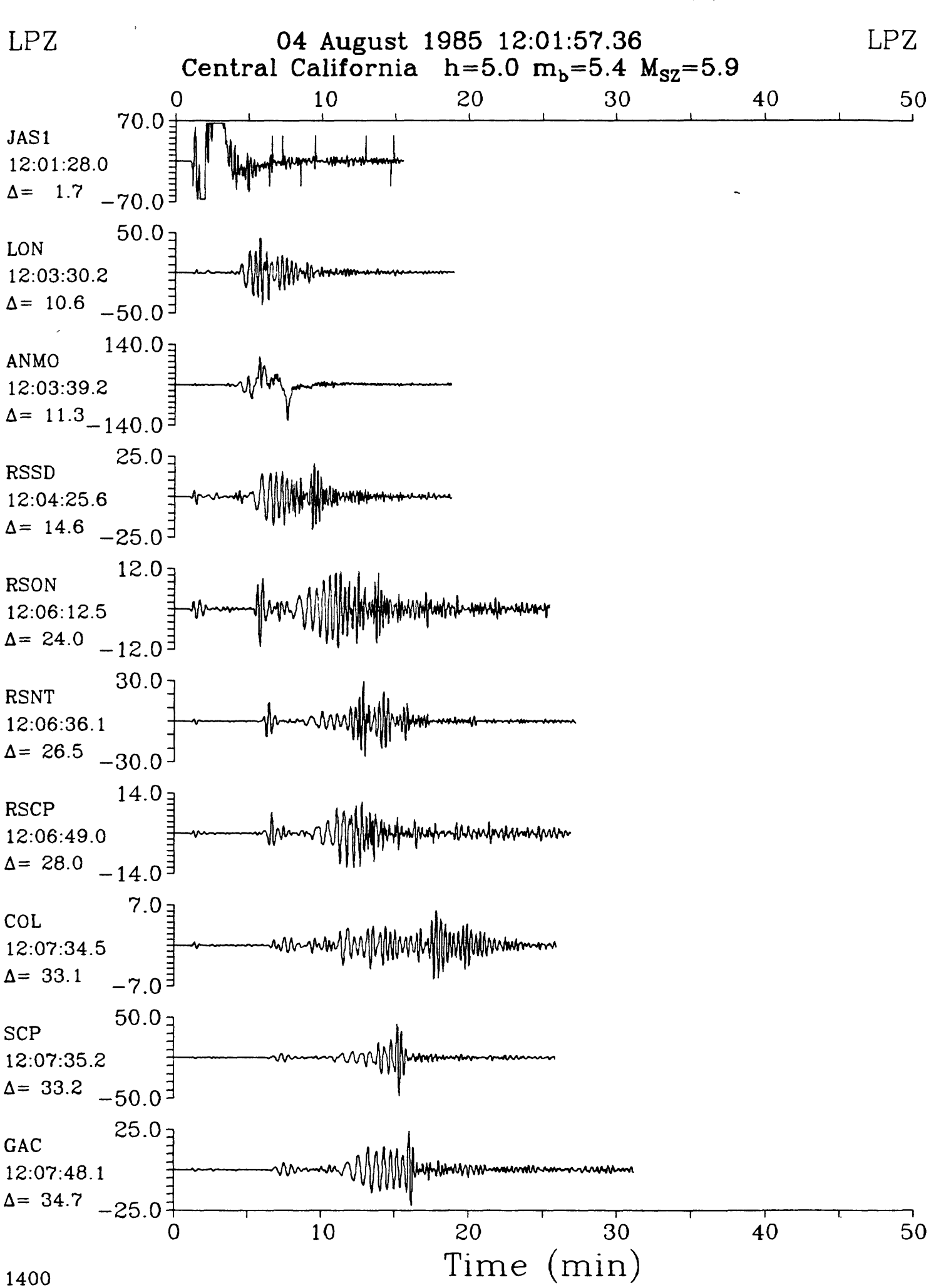
Central California

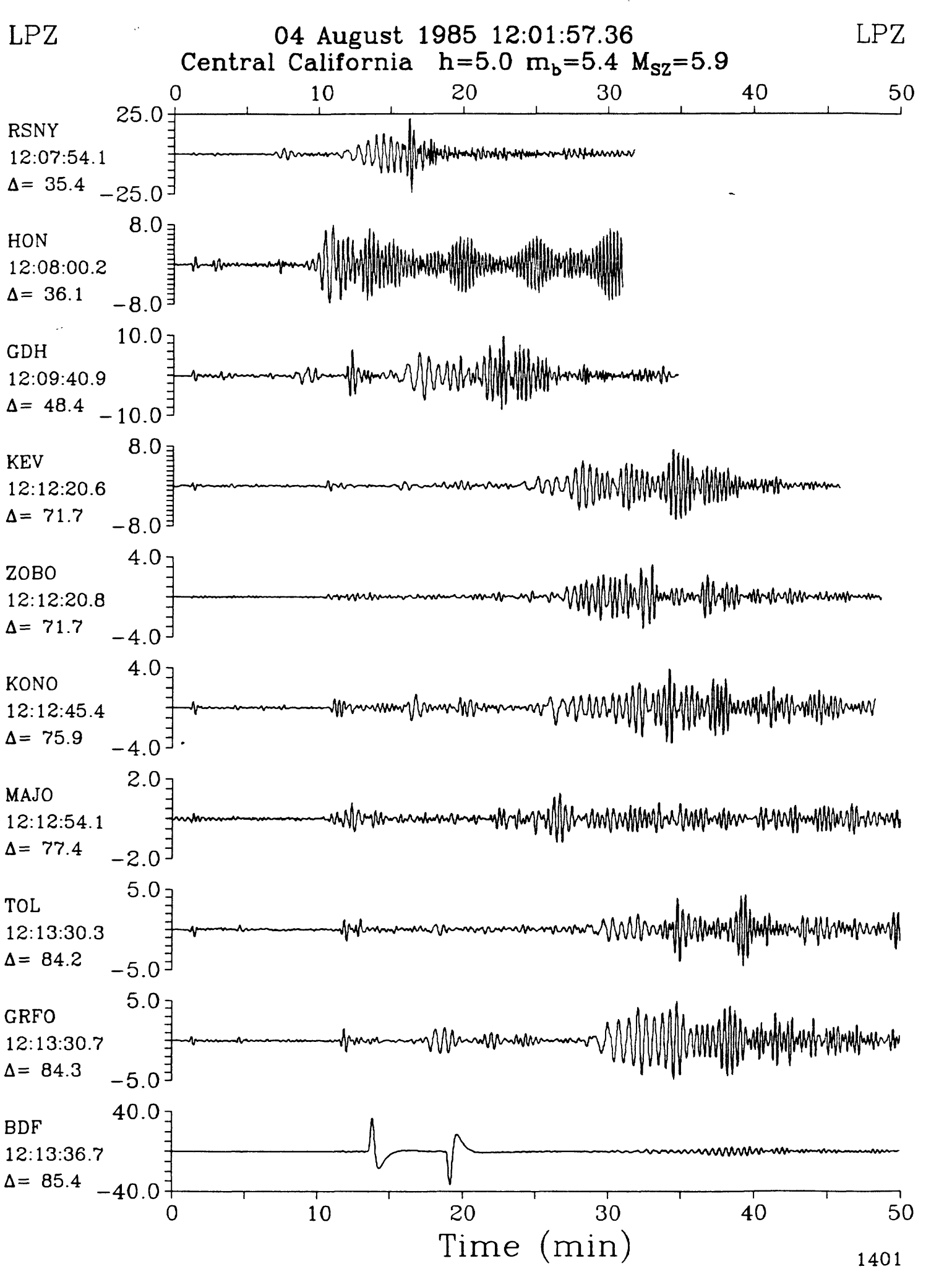


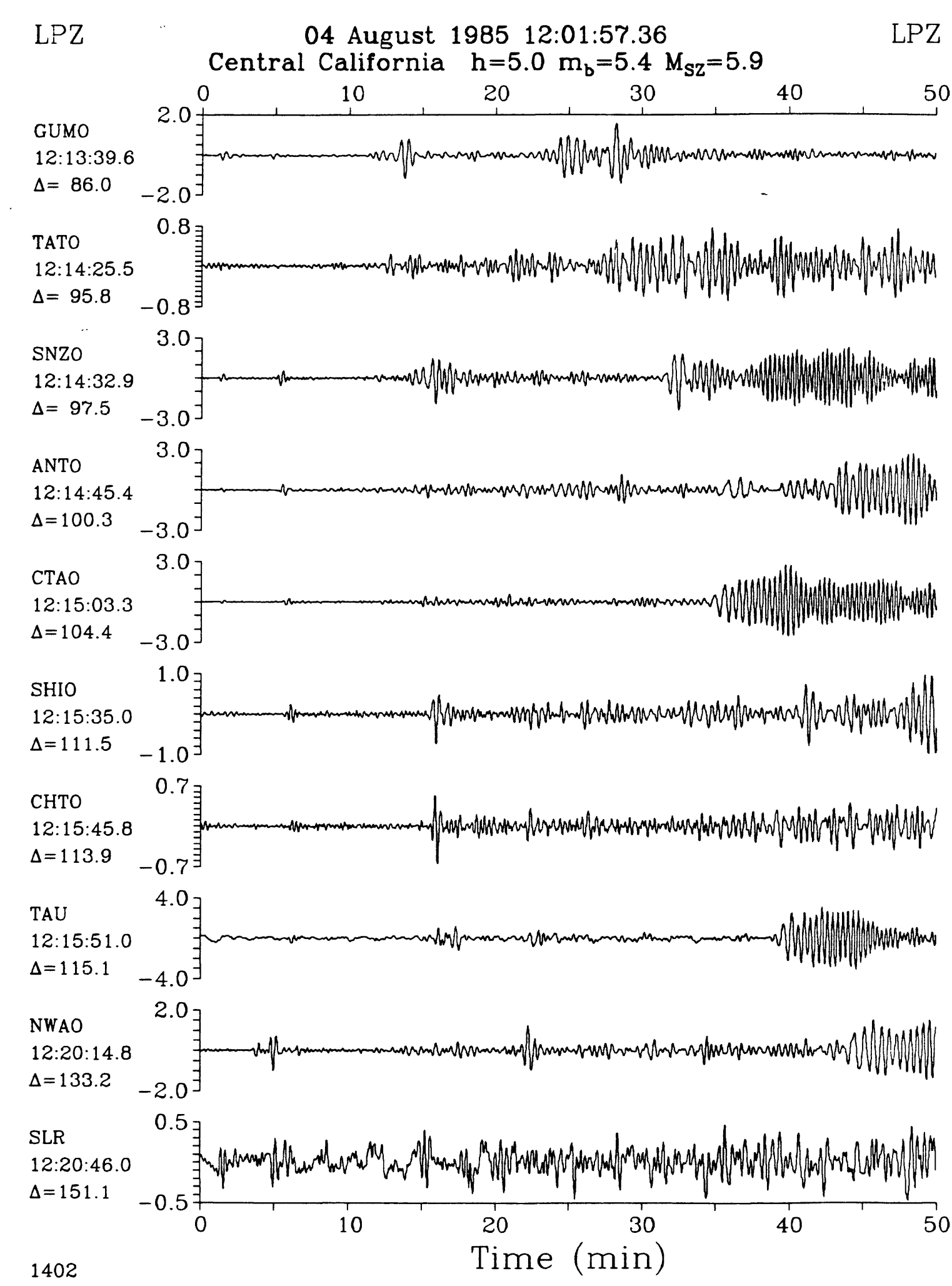

SPZ
04 August 1985 12:01:57.36
Central California h=5.0 m_b=5.4 M_{SZ}=5.9
SPZ
0
1
2
JAS1
12:02:13.0
Δ= 1.7
4.00
-4.00
LON
12:04:15.2
Δ= 10.6
0.16
-0.16
ANMO
12:04:24.2
Δ= 11.3
0.25
-0.25
RSSD
12:05:10.6
Δ= 14.6
0.20
-0.20
RSON
12:06:57.5
Δ= 24.0
0.14
-0.14
RSNT
12:07:21.1
Δ= 26.5
0.09
-0.09
RSCP
12:07:34.0
Δ= 28.0
0.06
-0.06
COL
12:08:19.5
Δ= 33.1
0.03
-0.03
SCP
12:08:20.2
Δ= 33.2
0.04
-0.04
RSNY
12:08:39.1
Δ= 35.4
0.03
-0.03
0
1
2
Time (min)

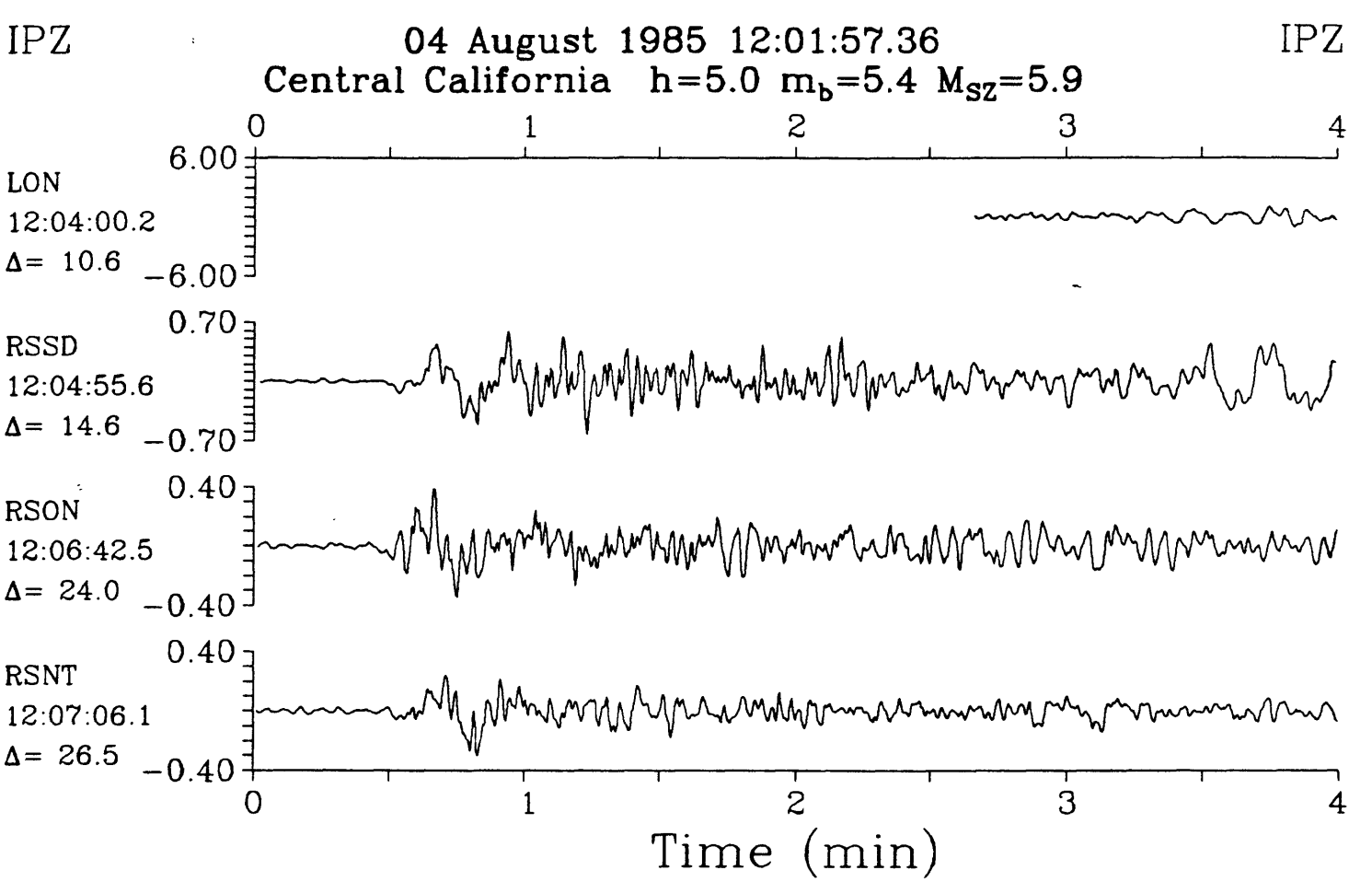
1398


SPZ
04 August 1985 12:01:57.36
Central California h=5.0 m_b=5.4 M_{SZ}=5.9
SPZ
0
1
2
0.04
KEV
12:13:05.6
Δ= 71.7
−0.04
0.04
ZOBO
12:13:05.8
Δ= 71.7
−0.04
0.05
KONO
12:13:30.4
Δ= 75.9
−0.05
0.05
TOL
12:14:15.3
Δ= 84.2
−0.05
0.08
GRFO
12:14:15.7
Δ= 84.3
−0.08
0.05
NWAO
12:20:59.8
Δ=133.2
−0.05
0.07
SLR
12:21:31.0
Δ=151.1
−0.07
0
1
2
Time (min)


LPZ
04 August 1985 12:01:57.36
Central California h=5.0 m_b=5.4 M_{SZ}=5.9
LPZ
0
10
20
30
40
50
JAS1
12:01:28.0
Δ= 1.7
70.0
-70.0
LON
12:03:30.2
Δ= 10.6
50.0
-50.0
ANMO
12:03:39.2
Δ= 11.3
140.0
-140.0
RSSD
12:04:25.6
Δ= 14.6
25.0
-25.0
RSON
12:06:12.5
Δ= 24.0
12.0
-12.0
RSNT
12:06:36.1
Δ= 26.5
30.0
-30.0
RSCP
12:06:49.0
Δ= 28.0
14.0
-14.0
COL
12:07:34.5
Δ= 33.1
7.0
-7.0
SCP
12:07:35.2
Δ= 33.2
50.0
-50.0
GAC
12:07:48.1
Δ= 34.7
25.0
-25.0
0
10
20
30
40
50
Time (min)
1400

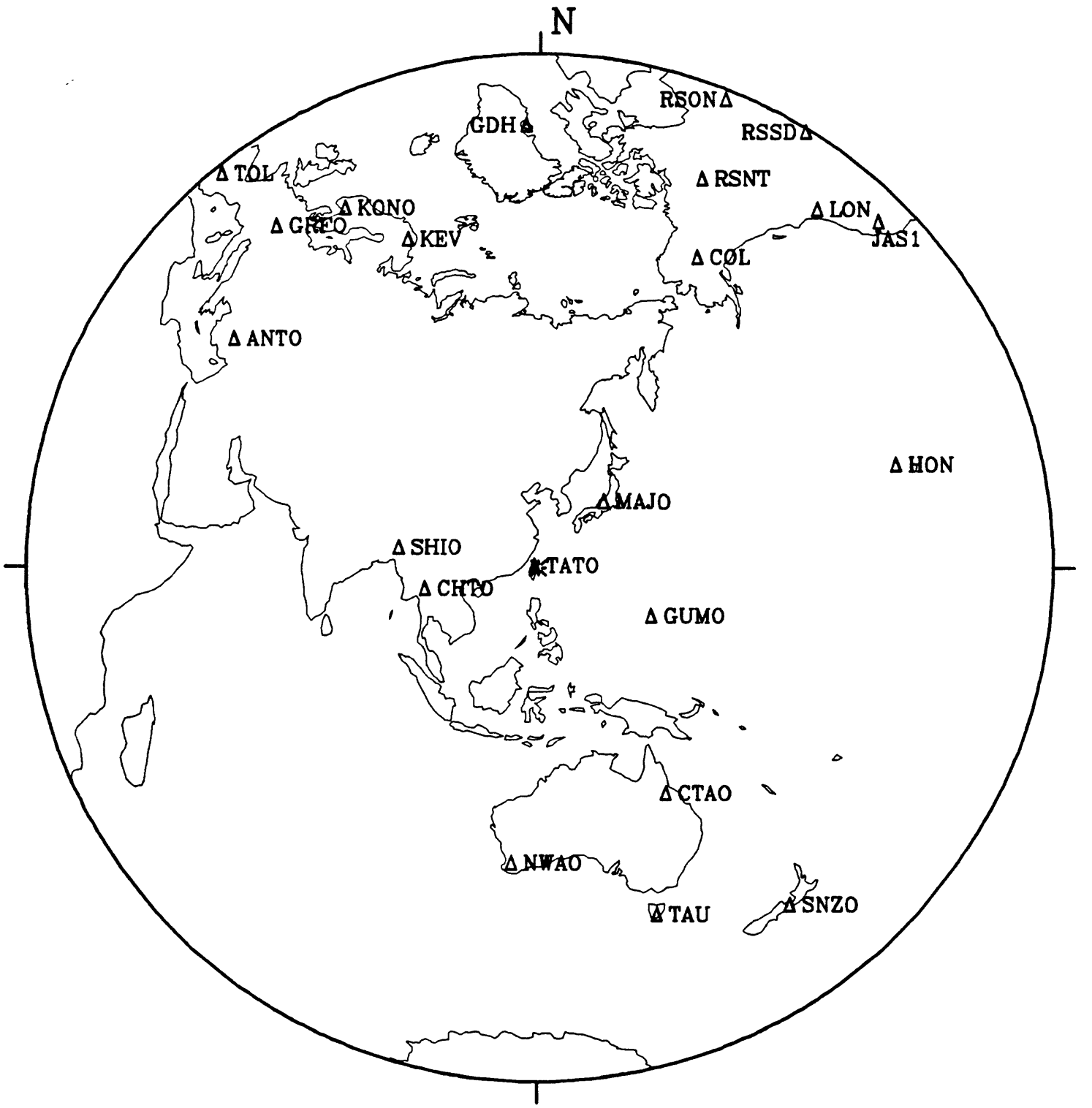

LPZ
04 August 1985 12:01:57.36
Central California h=5.0 m_b=5.4 M_{SZ}=5.9
LPZ
0
10
20
30
40
50
RSNY
12:07:54.1
Δ= 35.4
25.0
-25.0
HON
12:08:00.2
Δ= 36.1
8.0
-8.0
GDH
12:09:40.9
Δ= 48.4
10.0
-10.0
KEV
12:12:20.6
Δ= 71.7
8.0
-8.0
ZOBO
12:12:20.8
Δ= 71.7
4.0
-4.0
KONO
12:12:45.4
Δ= 75.9
4.0
-4.0
MAJO
12:12:54.1
Δ= 77.4
2.0
-2.0
TOL
12:13:30.3
Δ= 84.2
5.0
-5.0
GRFO
12:13:30.7
Δ= 84.3
5.0
-5.0
BDF
12:13:36.7
Δ= 85.4
40.0
-40.0
0
10
20
30
40
50
Time (min)
1401


LPZ
04 August 1985 12:01:57.36
Central California h=5.0 m_b=5.4 M_{SZ}=5.9
LPZ
0
10
20
30
40
50
GUMO
12:13:39.6
Δ= 86.0
2.0
-2.0
TATO
12:14:25.5
Δ= 95.8
0.8
-0.8
SNZO
12:14:32.9
Δ= 97.5
3.0
-3.0
ANTO
12:14:45.4
Δ=100.3
3.0
-3.0
CTAO
12:15:03.3
Δ=104.4
3.0
-3.0
SHIO
12:15:35.0
Δ=111.5
1.0
-1.0
CHTO
12:15:45.8
Δ=113.9
0.7
-0.7
TAU
12:15:51.0
Δ=115.1
4.0
-4.0
NWAO
12:20:14.8
Δ=133.2
2.0
-2.0
SLR
12:20:46.0
Δ=151.1
0.5
-0.5
0
10
20
30
40
50
Time (min)


IPZ
04 August 1985 12:01:57.36
IPZ
Central California h=5.0 m_b=5.4 M_{SZ}=5.9
0
1
2
3
4
6.00
LON
12:04:00.2
Δ= 10.6
−6.00
0.70
RSSD
12:04:55.6
Δ= 14.6
−0.70
0.40
RSON
12:06:42.5
Δ= 24.0
−0.40
0.40
RSNT
12:07:06.1
Δ= 26.5
−0.40
0
1
2
3
4
Time (min)

05 August 1985 13:00:39.57

Taiwan Region

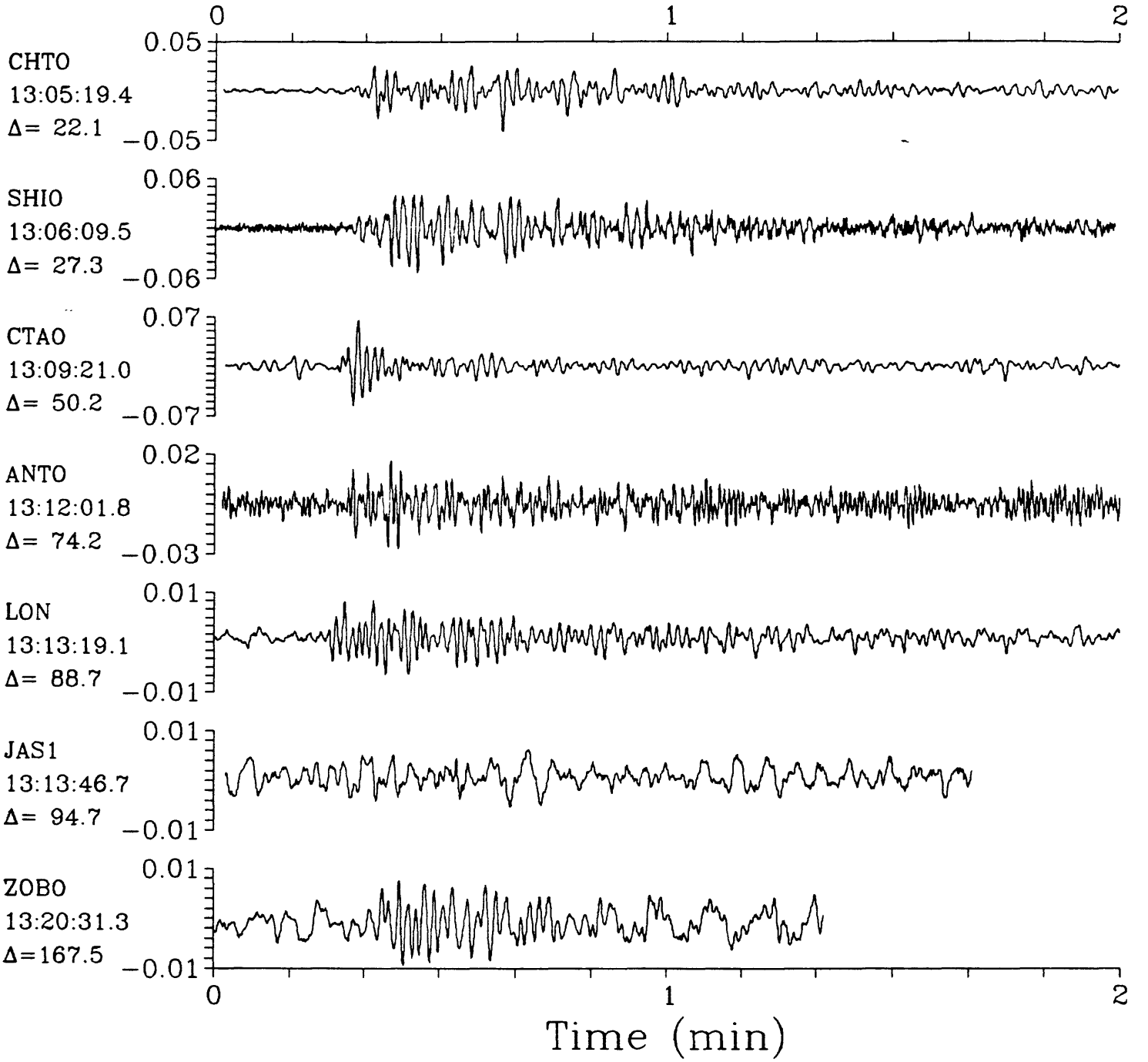


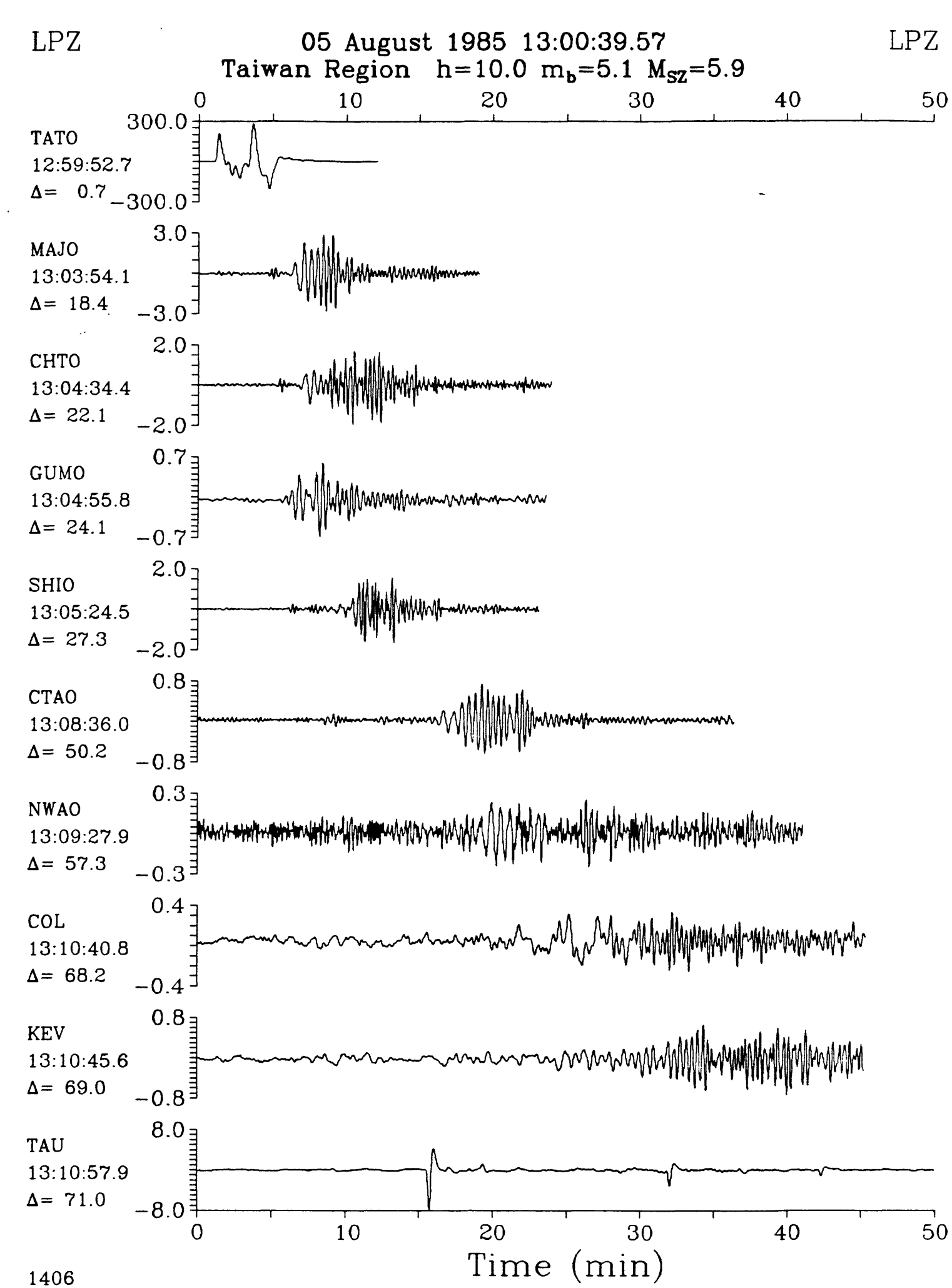
SPZ

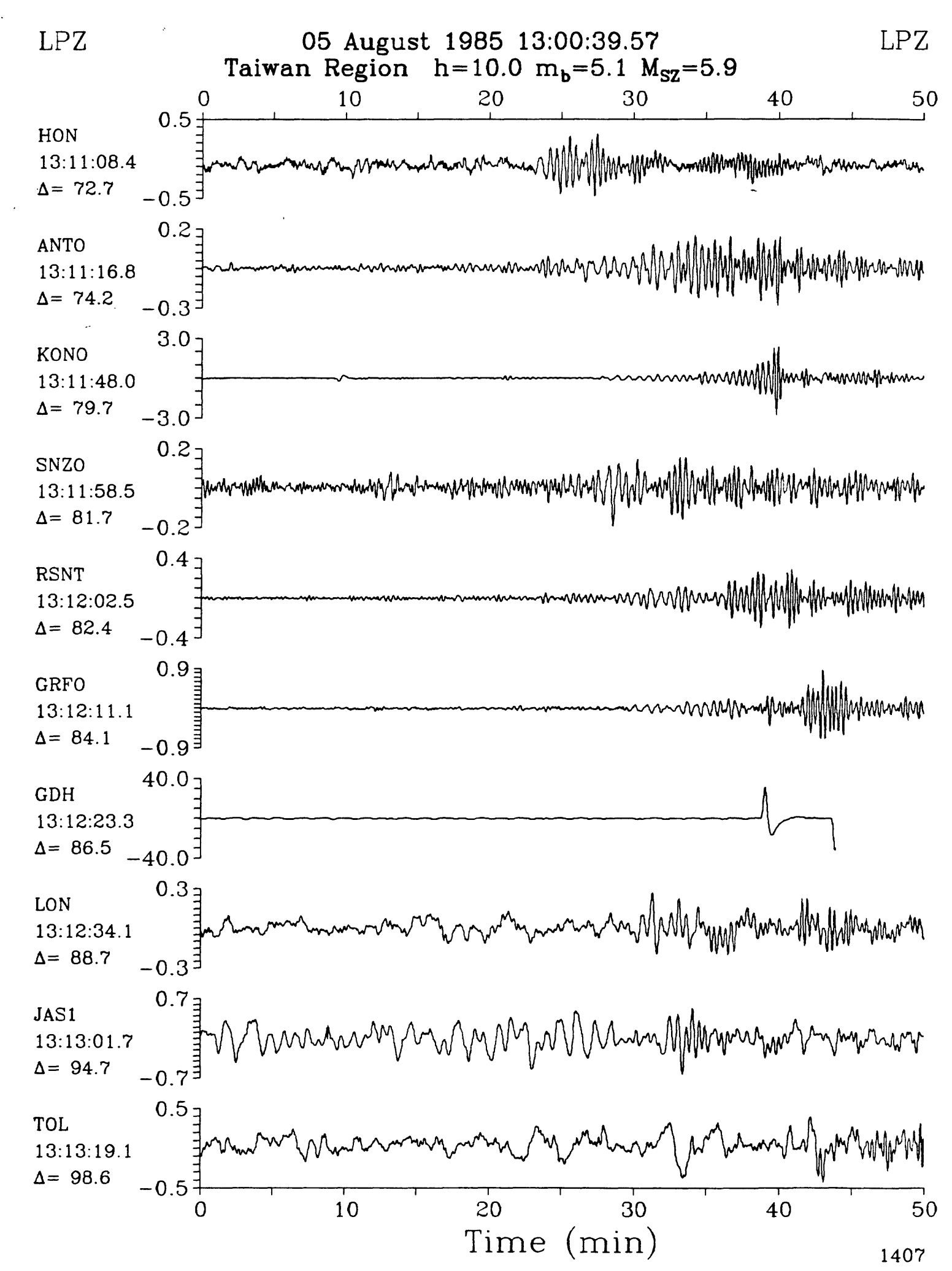
05 August 1985 13:00:39.57

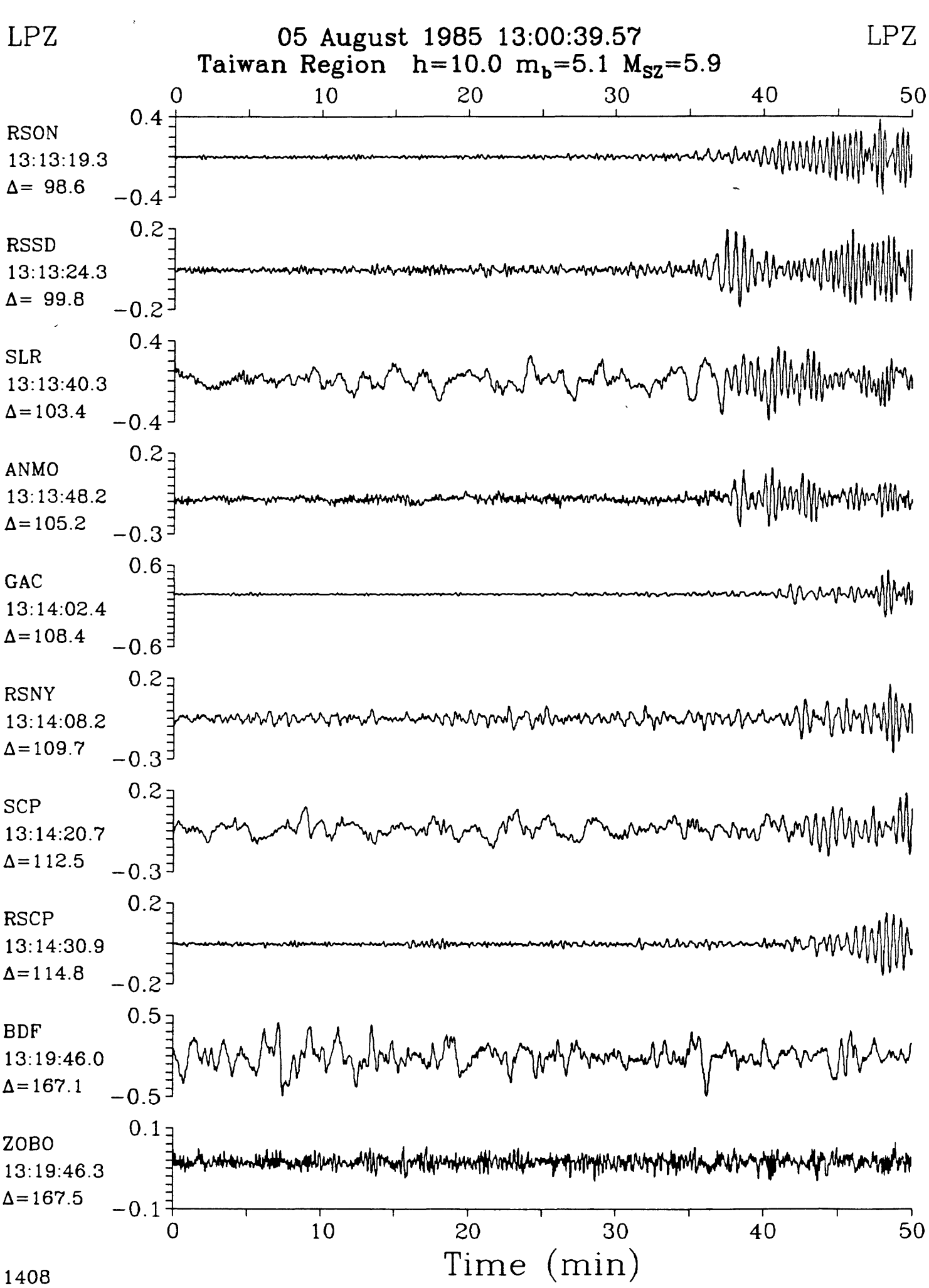
Taiwan Region h=10.0 m_b=5.1 M_{SZ}=5.9

SPZ




LPZ
05 August 1985 13:00:39.57
Taiwan Region h=10.0 m_b=5.1 M_{SZ}=5.9
LPZ
0
10
20
30
40
50
TATO
12:59:52.7
Δ= 0.7
300.0
-300.0
MAJO
13:03:54.1
Δ= 18.4
3.0
-3.0
CHTO
13:04:34.4
Δ= 22.1
2.0
-2.0
GUMO
13:04:55.8
Δ= 24.1
0.7
-0.7
SHIO
13:05:24.5
Δ= 27.3
2.0
-2.0
CTAO
13:08:36.0
Δ= 50.2
0.8
-0.8
NWAO
13:09:27.9
Δ= 57.3
0.3
-0.3
COL
13:10:40.8
Δ= 68.2
0.4
-0.4
KEV
13:10:45.6
Δ= 69.0
0.8
-0.8
TAU
13:10:57.9
Δ= 71.0
8.0
-8.0
0
10
20
30
40
50
Time (min)

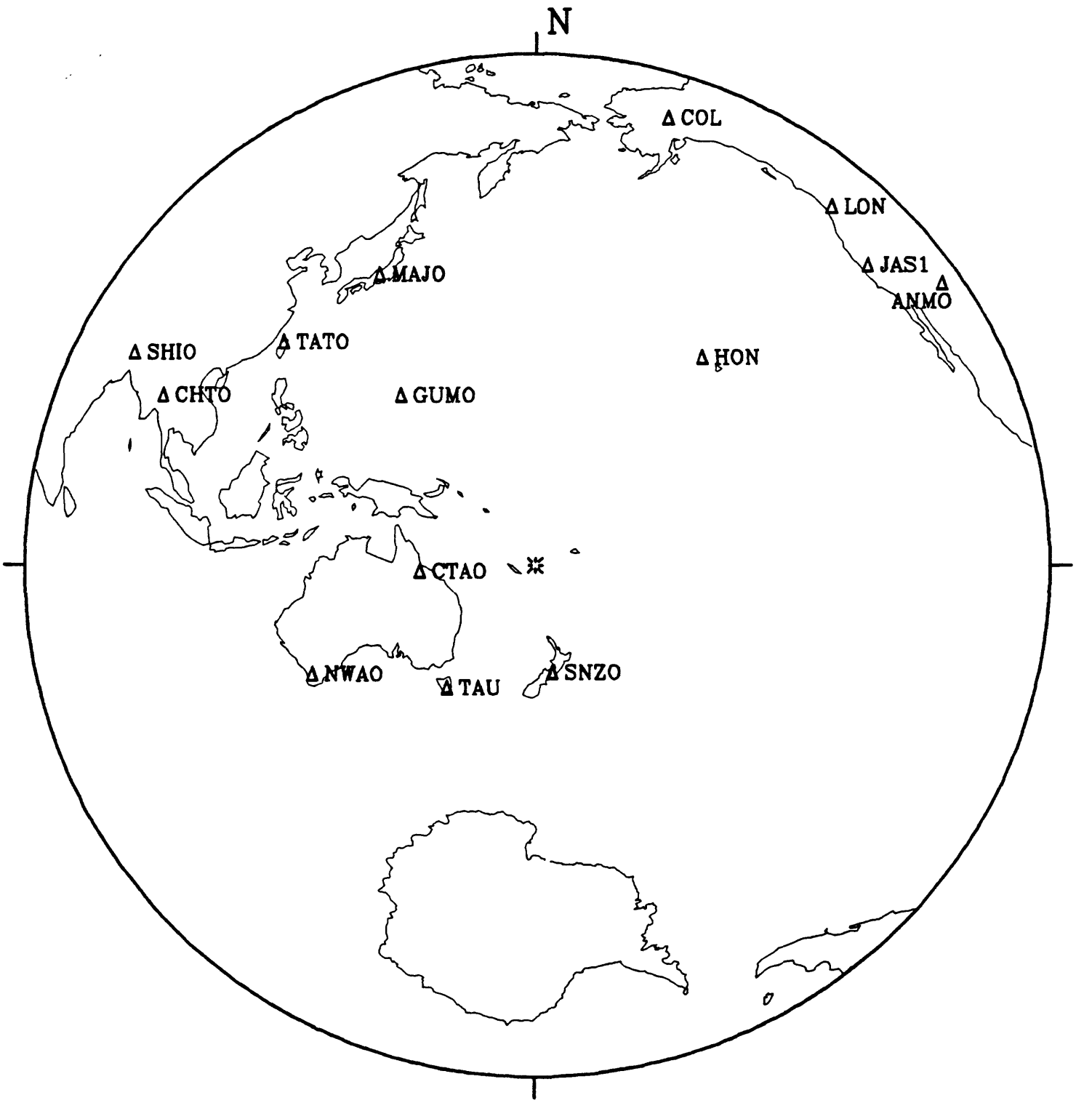

LPZ
05 August 1985 13:00:39.57
Taiwan Region h=10.0 m_b=5.1 M_{SZ}=5.9
LPZ
0
10
20
30
40
50
HON
13:11:08.4
Δ= 72.7
0.5
-0.5
ANTO
13:11:16.8
Δ= 74.2
0.2
-0.3
KONO
13:11:48.0
Δ= 79.7
3.0
-3.0
SNZO
13:11:58.5
Δ= 81.7
0.2
-0.2
RSNT
13:12:02.5
Δ= 82.4
0.4
-0.4
GRFO
13:12:11.1
Δ= 84.1
0.9
-0.9
GDH
13:12:23.3
Δ= 86.5
40.0
-40.0
LON
13:12:34.1
Δ= 88.7
0.3
-0.3
JAS1
13:13:01.7
Δ= 94.7
0.7
-0.7
TOL
13:13:19.1
Δ= 98.6
0.5
-0.5
0
10
20
30
40
50
Time (min)
1407


LPZ
05 August 1985 13:00:39.57
Taiwan Region h=10.0 m_b=5.1 M_{SZ}=5.9
LPZ
0
10
20
30
40
50
RSON
13:13:19.3
Δ= 98.6
0.4
-0.4
RSSD
13:13:24.3
Δ= 99.8
0.2
-0.2
SLR
13:13:40.3
Δ=103.4
0.4
-0.4
ANMO
13:13:48.2
Δ=105.2
0.2
-0.3
GAC
13:14:02.4
Δ=108.4
0.6
-0.6
RSNY
13:14:08.2
Δ=109.7
0.2
-0.3
SCP
13:14:20.7
Δ=112.5
0.2
-0.3
RSCP
13:14:30.9
Δ=114.8
0.2
-0.2
BDF
13:19:46.0
Δ=167.1
0.5
-0.5
ZOBO
13:19:46.3
Δ=167.5
0.1
-0.1
0
10
20
30
40
50
Time (min)

1408

07 August 1985 03:38:06.29

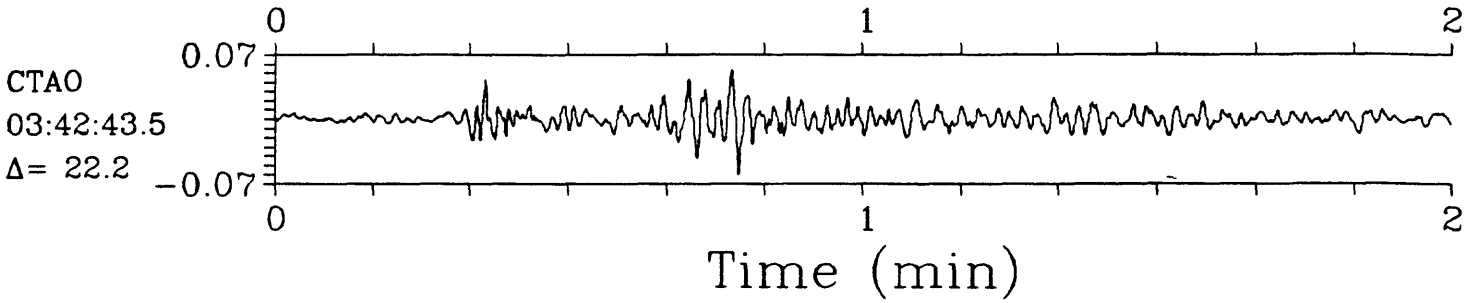
Vanuatu Islands

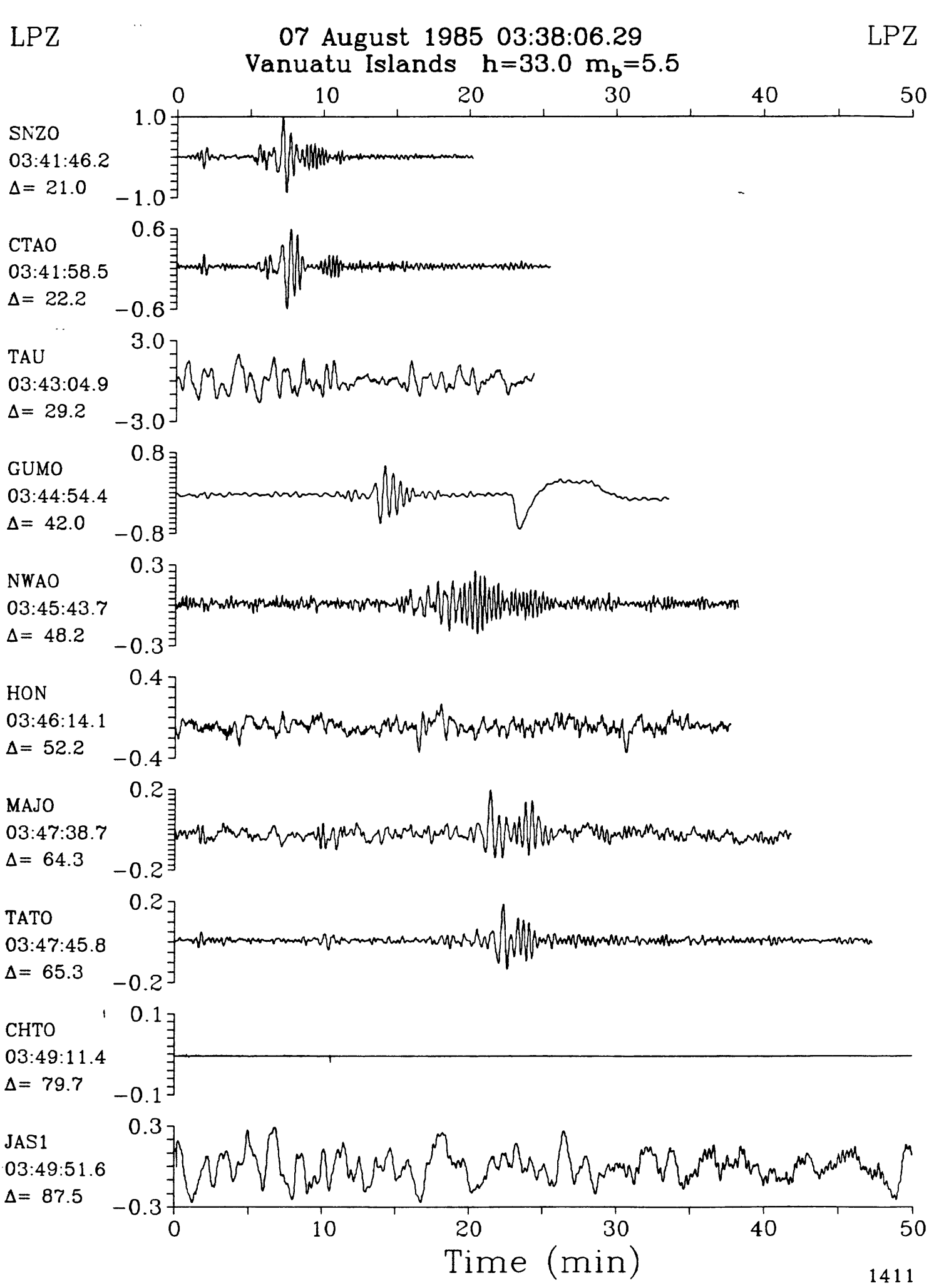


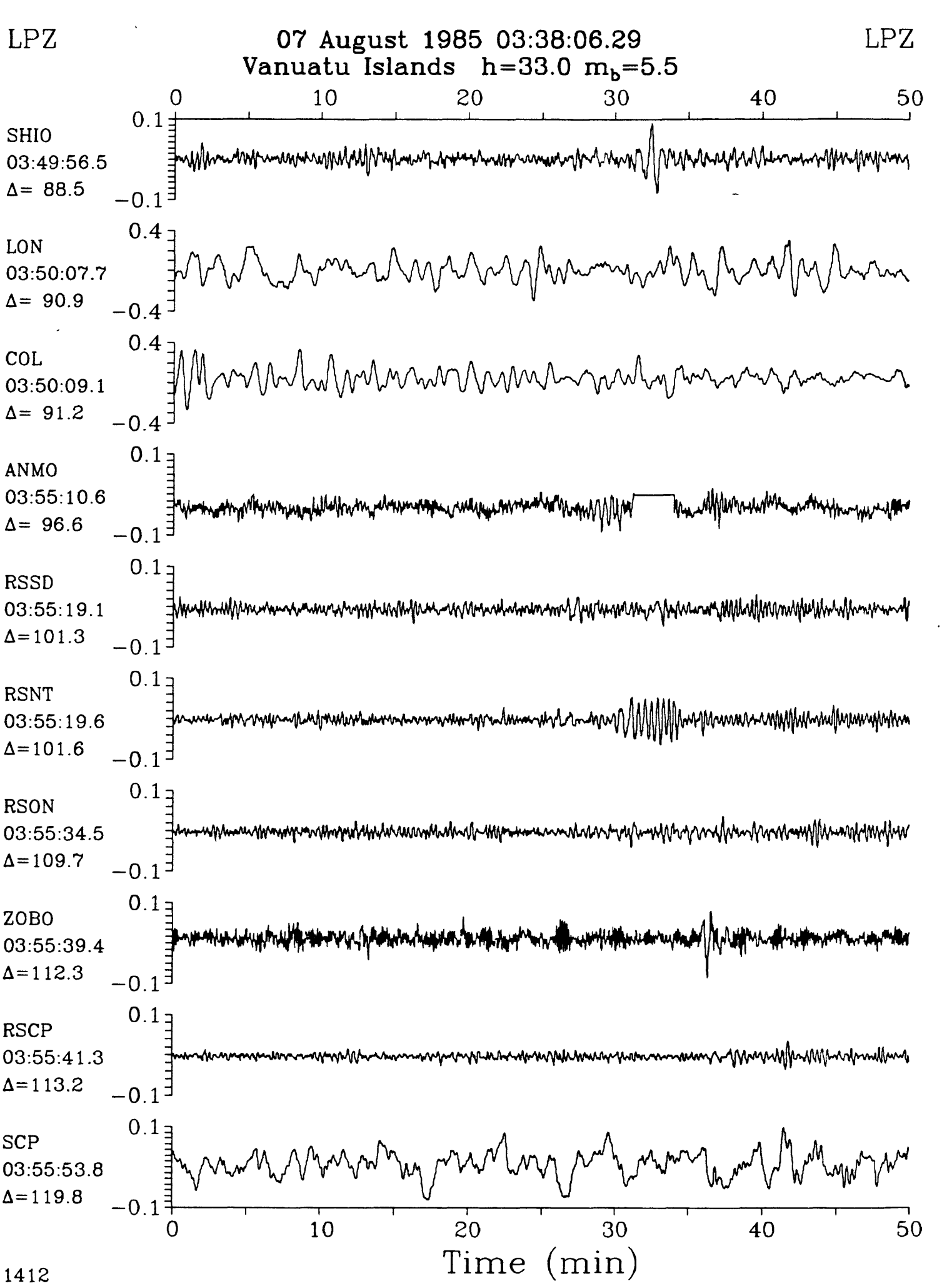
SPZ

07 August 1985 03:38:06.29
Vanuatu Islands h=33.0 m_b=5.5

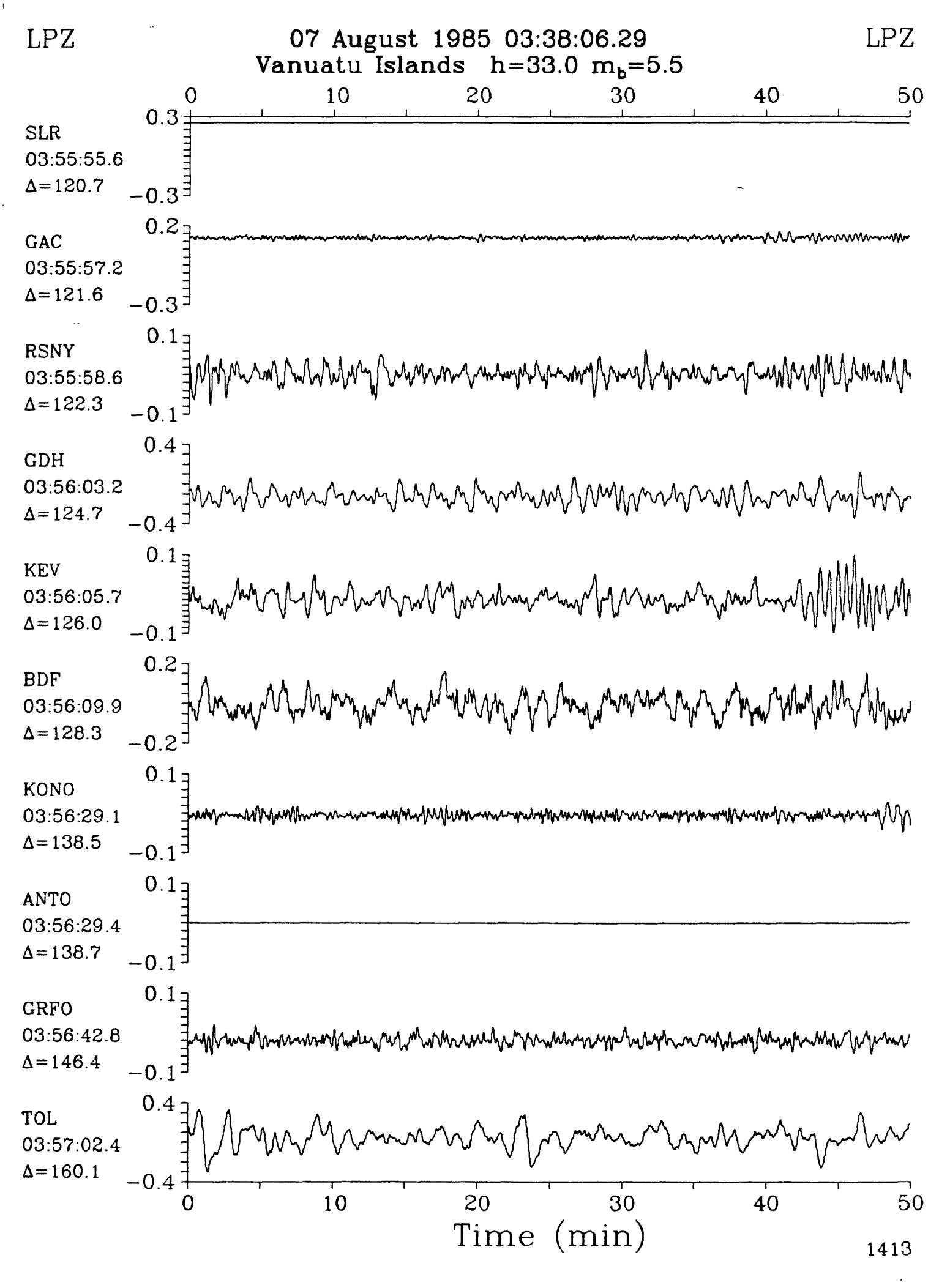
SPZ




LPZ
07 August 1985 03:38:06.29
Vanuatu Islands h=33.0 m_b=5.5
LPZ
0
10
20
30
40
50
SNZO
03:41:46.2
Δ= 21.0
1.0
−1.0
CTAO
03:41:58.5
Δ= 22.2
0.6
−0.6
TAU
03:43:04.9
Δ= 29.2
3.0
−3.0
GUMO
03:44:54.4
Δ= 42.0
0.8
−0.8
NWAO
03:45:43.7
Δ= 48.2
0.3
−0.3
HON
03:46:14.1
Δ= 52.2
0.4
−0.4
MAJO
03:47:38.7
Δ= 64.3
0.2
−0.2
TATO
03:47:45.8
Δ= 65.3
0.2
−0.2
CHTO
03:49:11.4
Δ= 79.7
0.1
−0.1
JAS1
03:49:51.6
Δ= 87.5
0.3
−0.3
0
10
20
30
40
50
Time (min)
1411

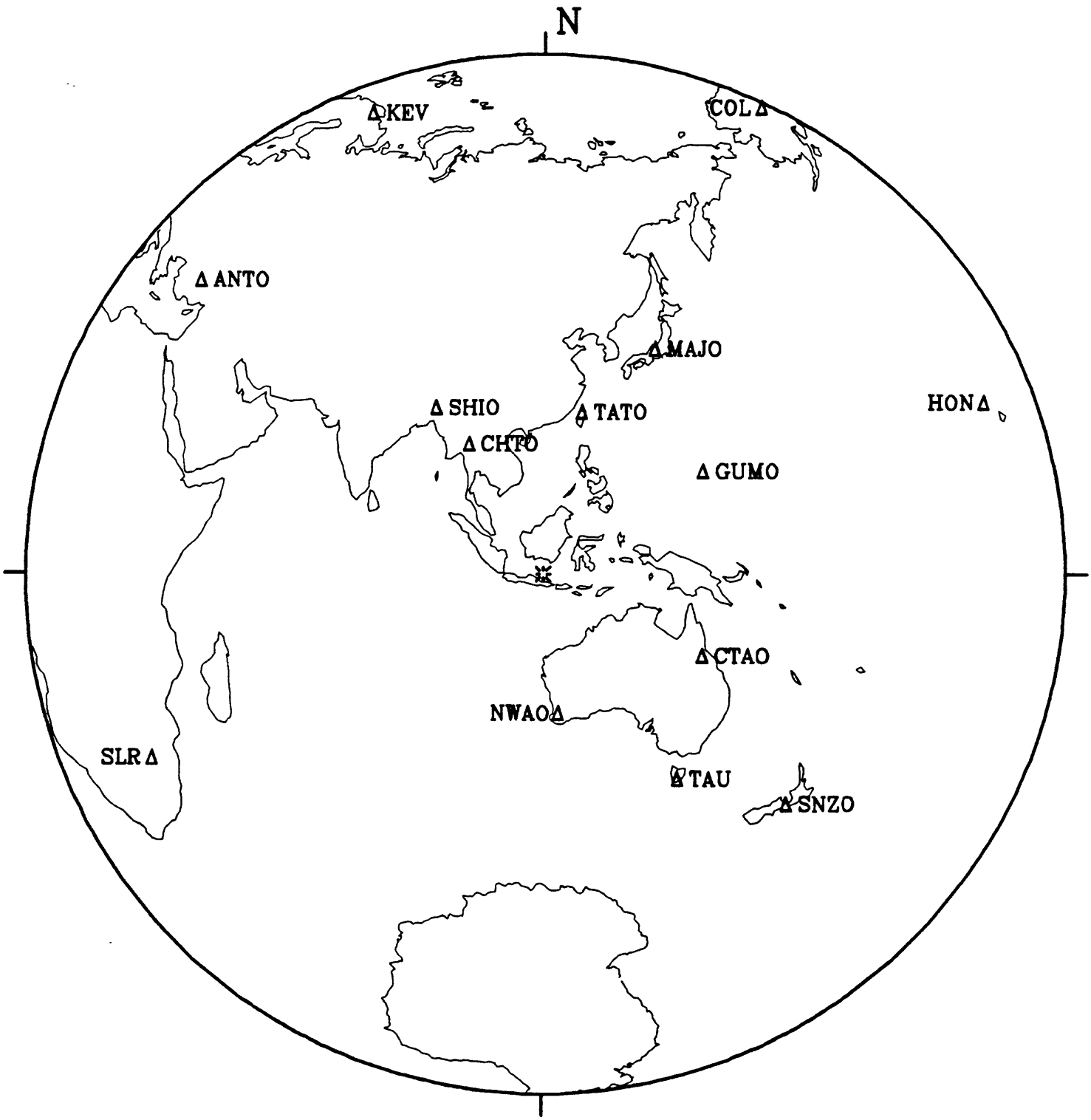

LPZ
07 August 1985 03:38:06.29
Vanuatu Islands h=33.0 m_b=5.5
LPZ
0
10
20
30
40
50
SHIO
03:49:56.5
Δ= 88.5
LON
03:50:07.7
Δ= 90.9
COL
03:50:09.1
Δ= 91.2
ANMO
03:55:10.6
Δ= 96.6
RSSD
03:55:19.1
Δ=101.3
RSNT
03:55:19.6
Δ=101.6
RSON
03:55:34.5
Δ=109.7
ZOBO
03:55:39.4
Δ=112.3
RSCP
03:55:41.3
Δ=113.2
SCP
03:55:53.8
Δ=119.8
0.1
−0.1
0.4
−0.4
Time (min)

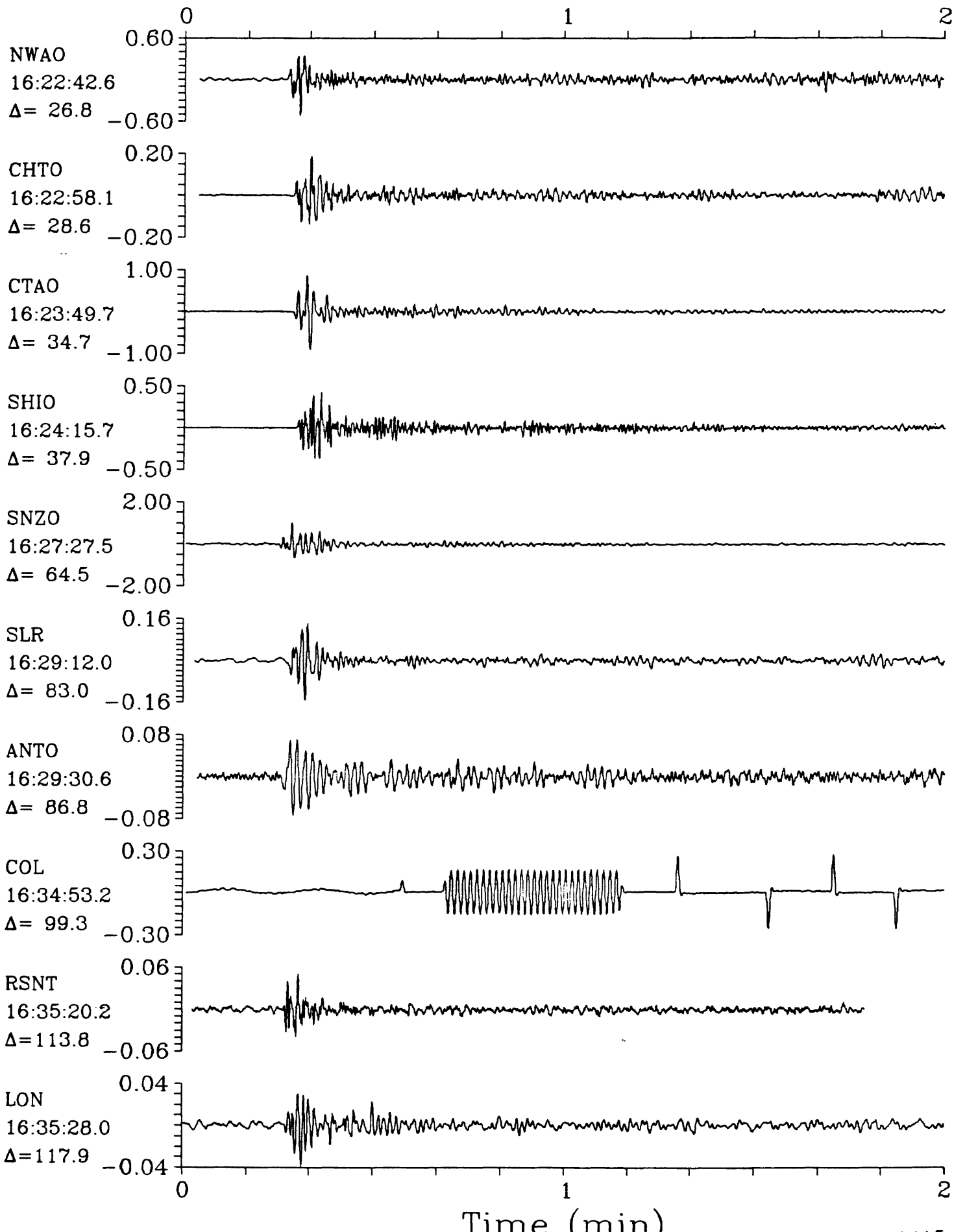
1412

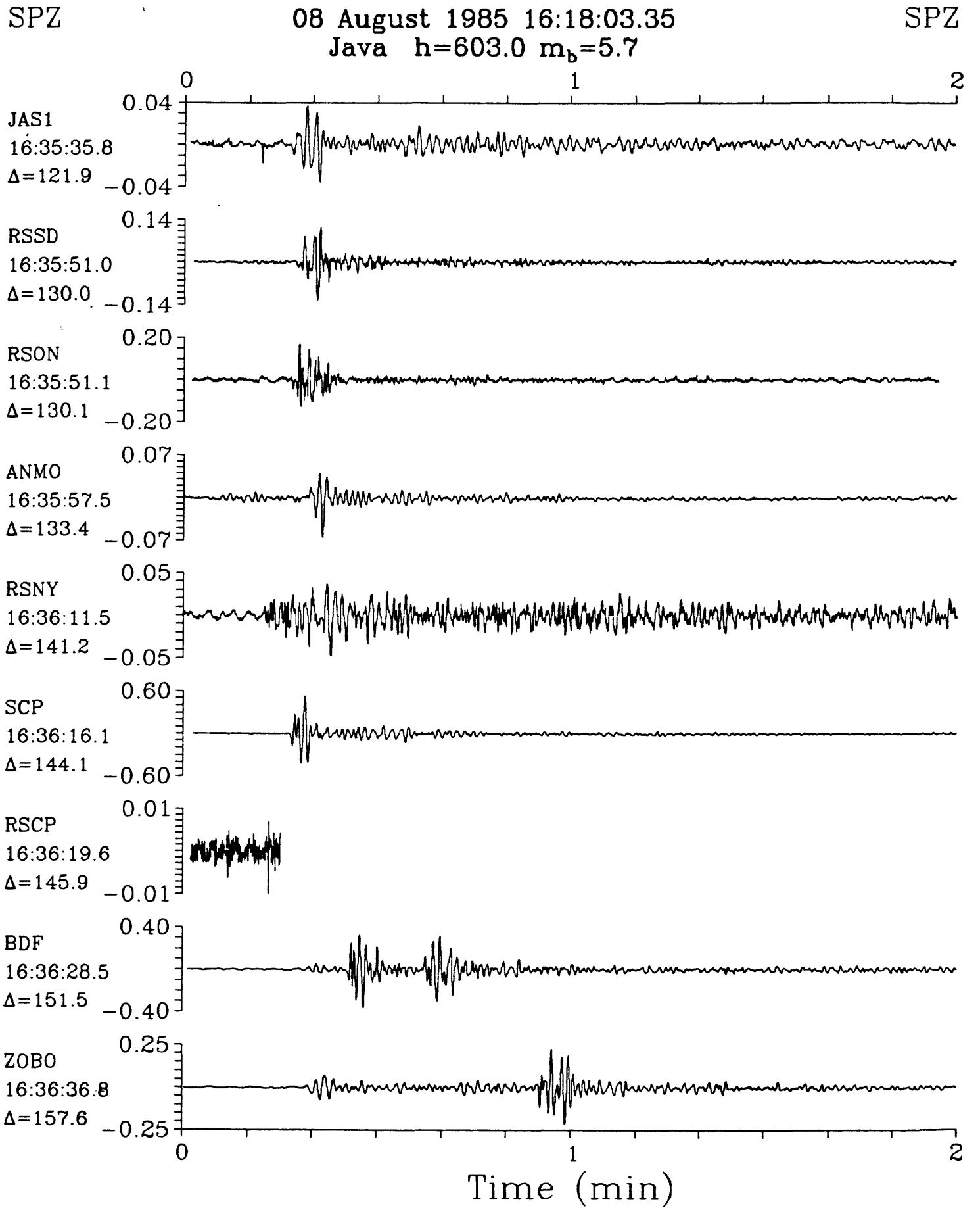

LPZ
07 August 1985 03:38:06.29
Vanuatu Islands h=33.0 m_b=5.5
LPZ
0
10
20
30
40
50
SLR
03:55:55.6
Δ=120.7
0.3
−0.3
GAC
03:55:57.2
Δ=121.6
0.2
−0.3
RSNY
03:55:58.6
Δ=122.3
0.1
−0.1
GDH
03:56:03.2
Δ=124.7
0.4
−0.4
KEV
03:56:05.7
Δ=126.0
0.1
−0.1
BDF
03:56:09.9
Δ=128.3
0.2
−0.2
KONO
03:56:29.1
Δ=138.5
0.1
−0.1
ANTO
03:56:29.4
Δ=138.7
0.1
−0.1
GRFO
03:56:42.8
Δ=146.4
0.1
−0.1
TOL
03:57:02.4
Δ=160.1
0.4
−0.4
0
10
20
30
40
50
Time (min)
1413

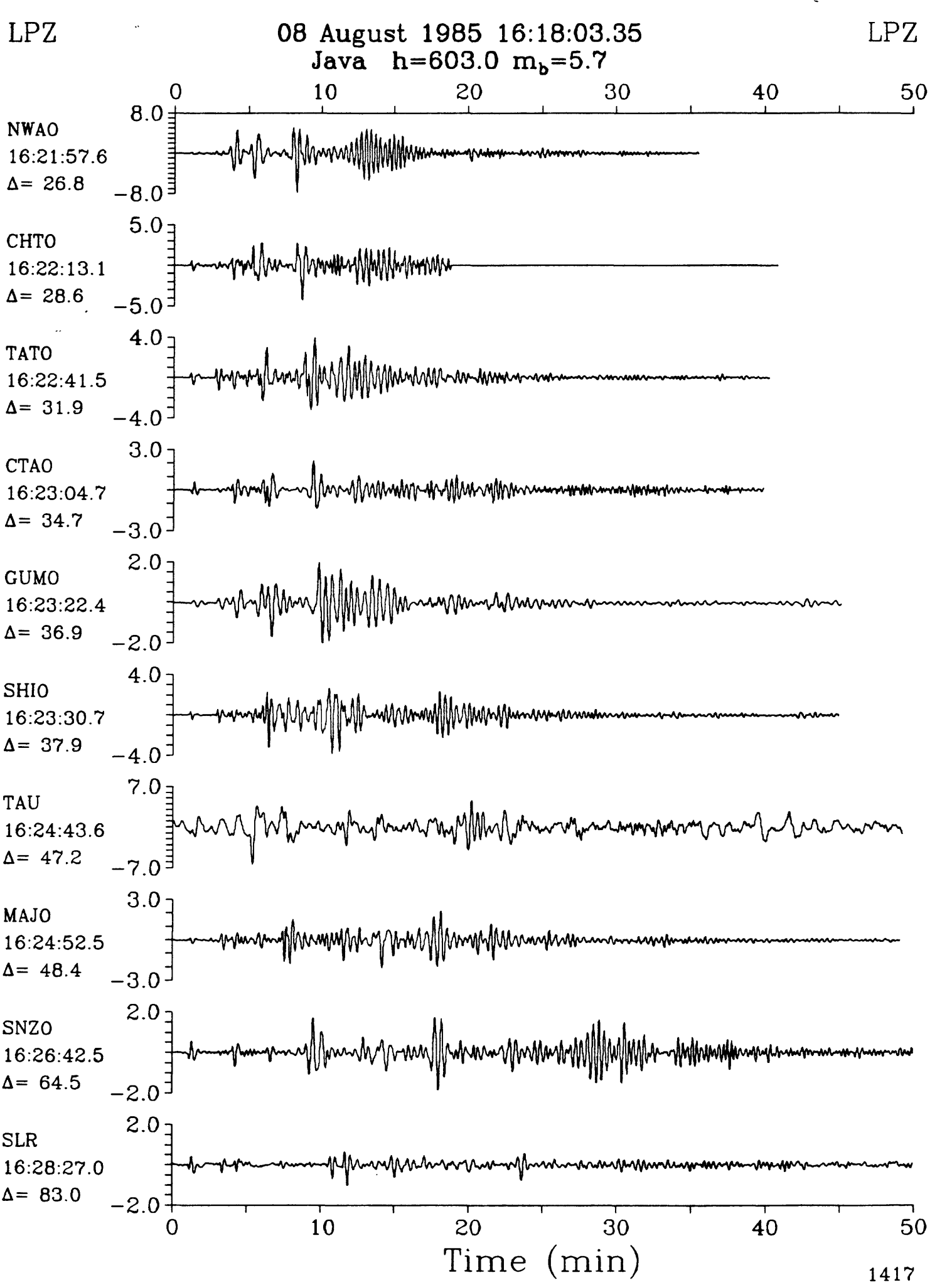
08 August 1985 16:18:03.35

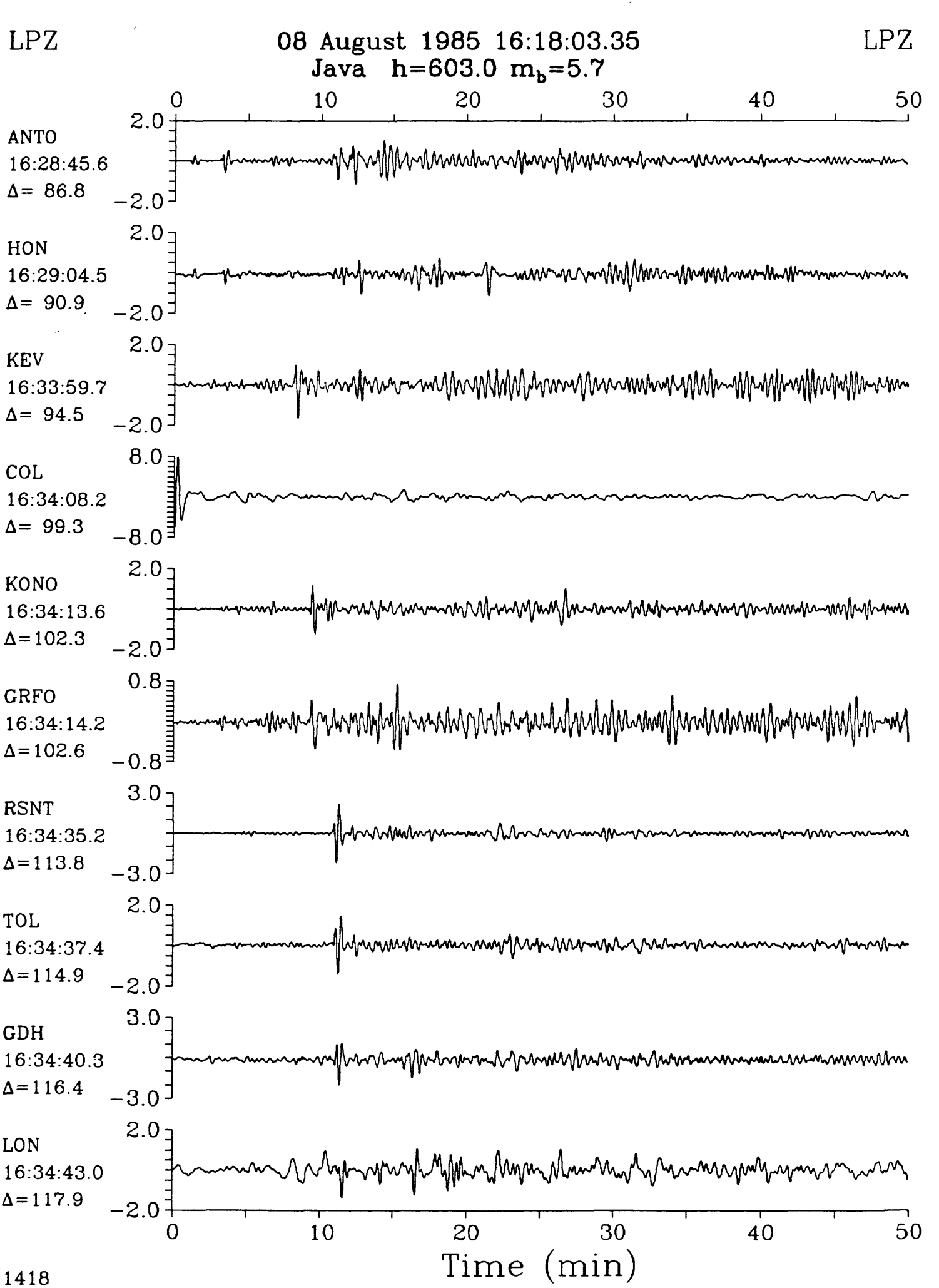
Java

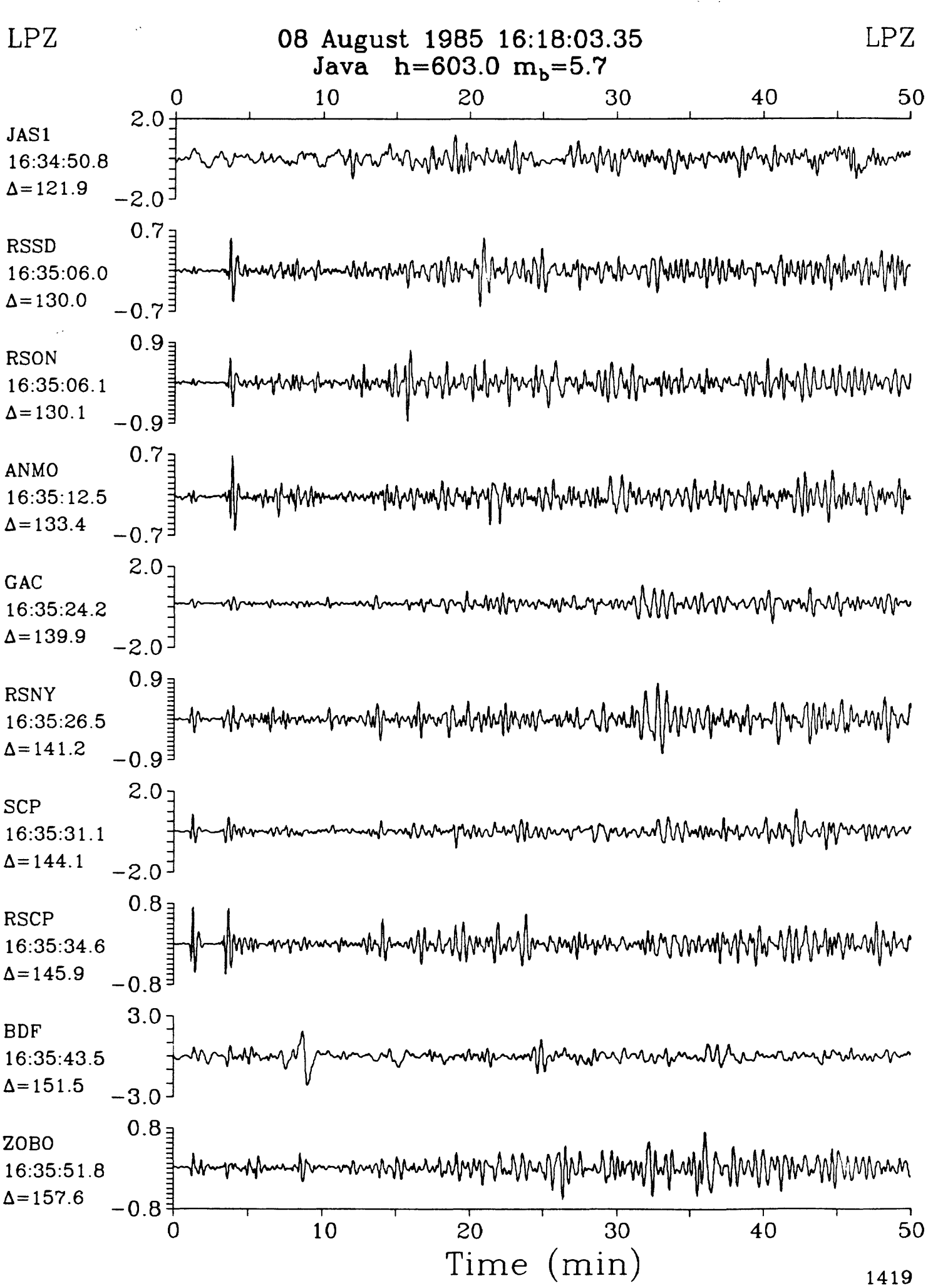



SPZ
08 August 1985 16:18:03.35
Java h=603.0 m_b=5.7
SPZ
0
1
2
0.60
NWAO
16:22:42.6
Δ= 26.8
-0.60
0.20
CHTO
16:22:58.1
Δ= 28.6
-0.20
1.00
CTAO
16:23:49.7
Δ= 34.7
-1.00
0.50
SHIO
16:24:15.7
Δ= 37.9
-0.50
2.00
SNZO
16:27:27.5
Δ= 64.5
-2.00
0.16
SLR
16:29:12.0
Δ= 83.0
-0.16
0.08
ANTO
16:29:30.6
Δ= 86.8
-0.08
0.30
COL
16:34:53.2
Δ= 99.3
-0.30
0.06
RSNT
16:35:20.2
Δ=113.8
-0.06
0.04
LON
16:35:28.0
Δ=117.9
-0.04
0
1
2
Time (min)


SPZ
08 August 1985 16:18:03.35
Java h=603.0 m_b=5.7
SPZ
0
1
2
0.04
JAS1
16:35:35.8
Δ=121.9
-0.04
0.14
RSSD
16:35:51.0
Δ=130.0
-0.14
0.20
RSON
16:35:51.1
Δ=130.1
-0.20
0.07
ANMO
16:35:57.5
Δ=133.4
-0.07
0.05
RSNY
16:36:11.5
Δ=141.2
-0.05
0.60
SCP
16:36:16.1
Δ=144.1
-0.60
0.01
RSCP
16:36:19.6
Δ=145.9
-0.01
0.40
BDF
16:36:28.5
Δ=151.5
-0.40
0.25
ZOBO
16:36:36.8
Δ=157.6
-0.25
0
1
2
Time (min)

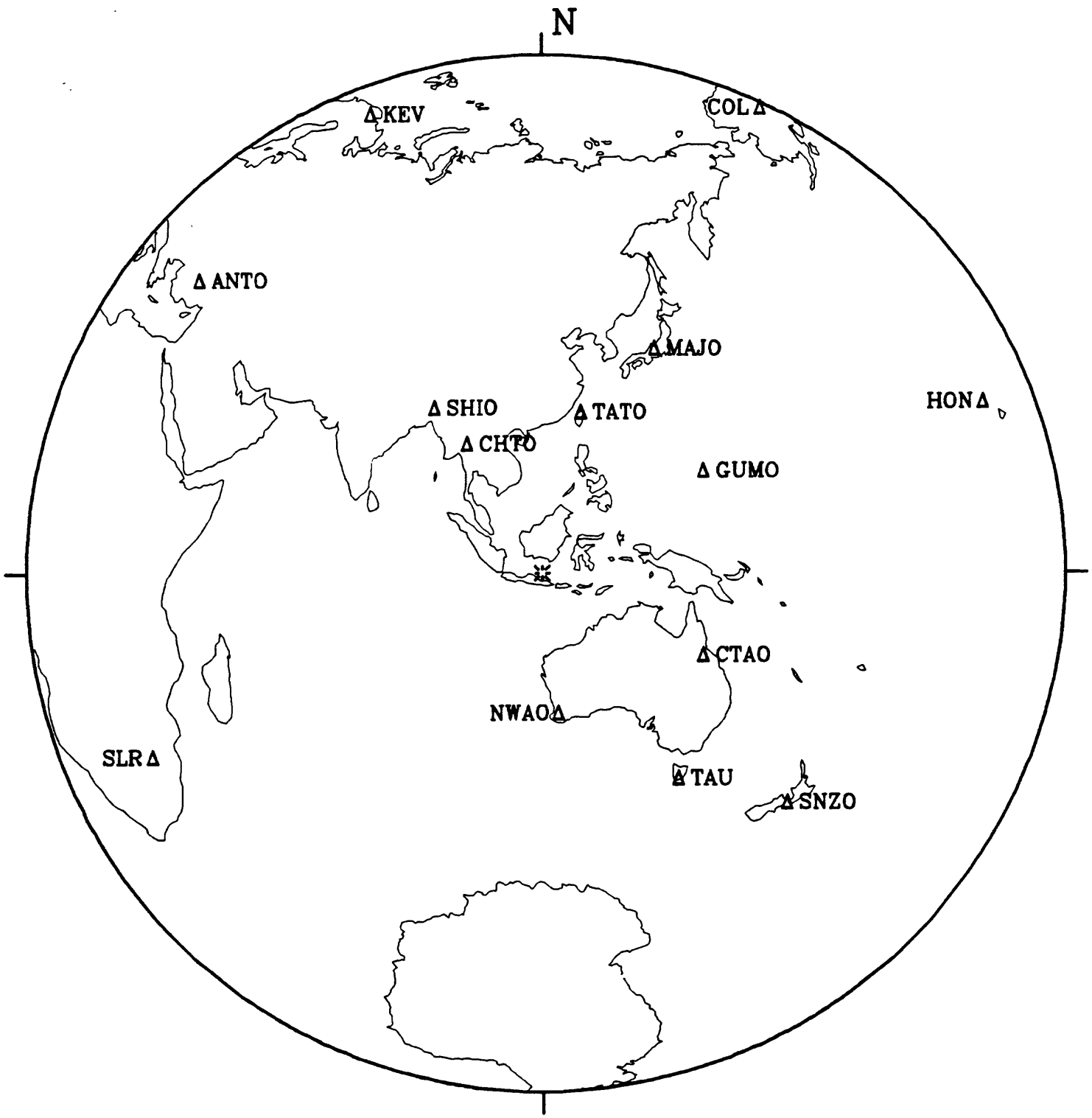

LPZ
08 August 1985 16:18:03.35
Java h=603.0 m_b=5.7
LPZ
0
10
20
30
40
50
NWAO
16:21:57.6
Δ= 26.8
8.0
-8.0
CHTO
16:22:13.1
Δ= 28.6
5.0
-5.0
TATO
16:22:41.5
Δ= 31.9
4.0
-4.0
CTAO
16:23:04.7
Δ= 34.7
3.0
-3.0
GUMO
16:23:22.4
Δ= 36.9
2.0
-2.0
SHIO
16:23:30.7
Δ= 37.9
4.0
-4.0
TAU
16:24:43.6
Δ= 47.2
7.0
-7.0
MAJO
16:24:52.5
Δ= 48.4
3.0
-3.0
SNZO
16:26:42.5
Δ= 64.5
2.0
-2.0
SLR
16:28:27.0
Δ= 83.0
2.0
-2.0
0
10
20
30
40
50
Time (min)
1417

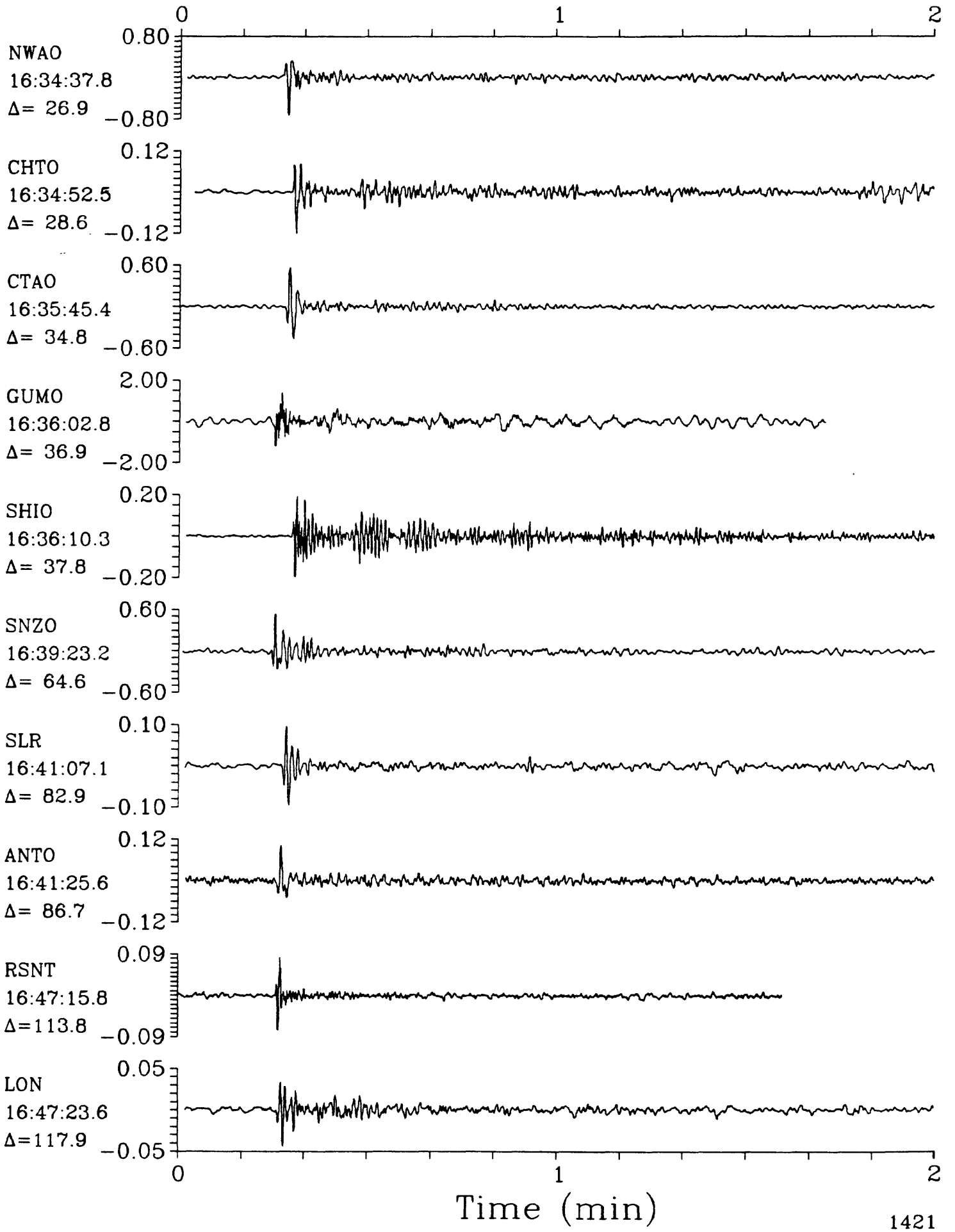

LPZ
08 August 1985 16:18:03.35
Java h=603.0 m_b=5.7
LPZ
0
10
20
30
40
50
ANTO
16:28:45.6
Δ= 86.8
2.0
-2.0
HON
16:29:04.5
Δ= 90.9
2.0
-2.0
KEV
16:33:59.7
Δ= 94.5
2.0
-2.0
COL
16:34:08.2
Δ= 99.3
8.0
-8.0
KONO
16:34:13.6
Δ=102.3
2.0
-2.0
GRFO
16:34:14.2
Δ=102.6
0.8
-0.8
RSNT
16:34:35.2
Δ=113.8
3.0
-3.0
TOL
16:34:37.4
Δ=114.9
2.0
-2.0
GDH
16:34:40.3
Δ=116.4
3.0
-3.0
LON
16:34:43.0
Δ=117.9
2.0
-2.0
0
10
20
30
40
50
Time (min)
1418

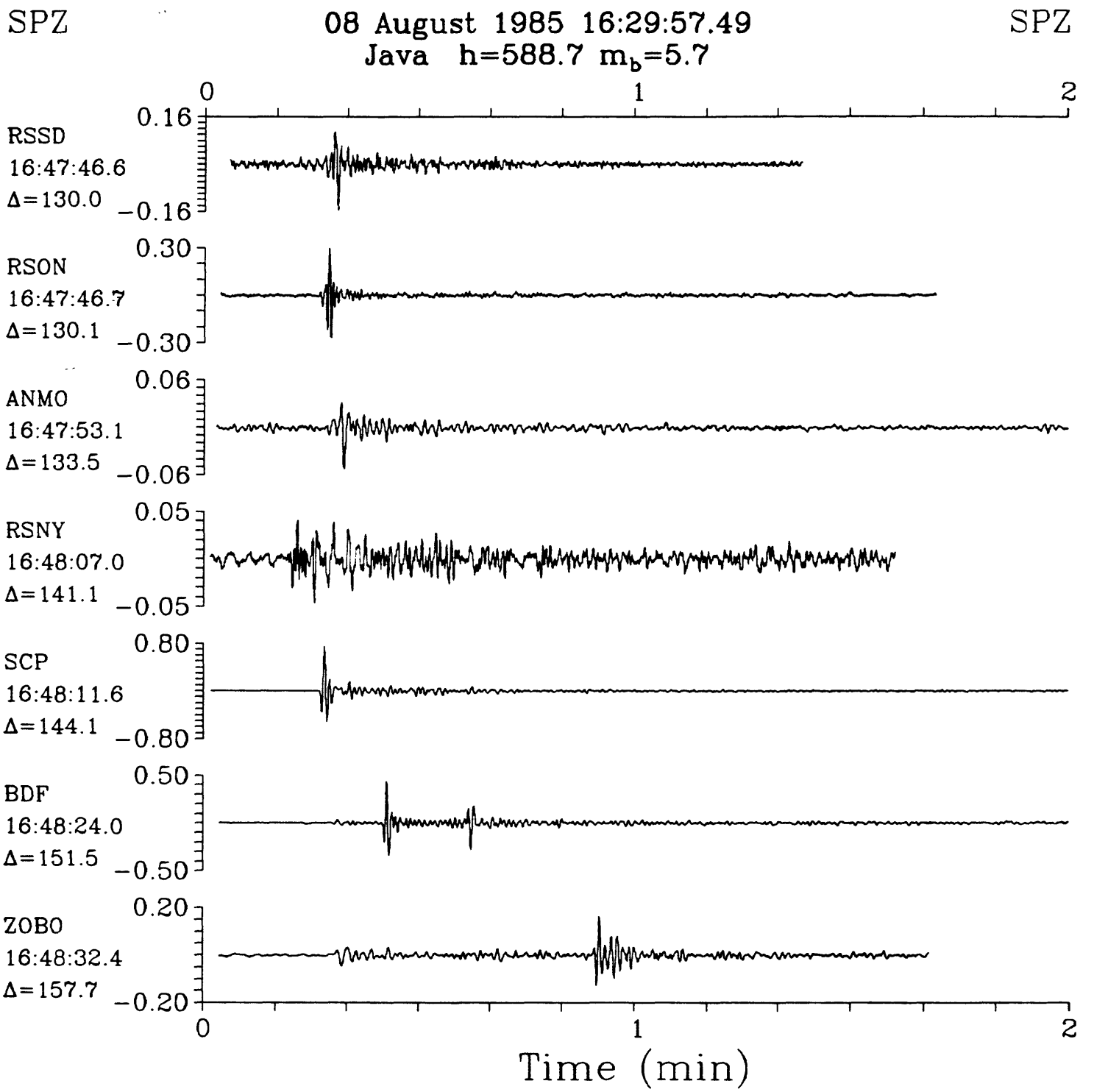

LPZ
08 August 1985 16:18:03.35
Java h=603.0 m_b=5.7
LPZ
0
10
20
30
40
50
JAS1
16:34:50.8
Δ=121.9
2.0
-2.0
RSSD
16:35:06.0
Δ=130.0
0.7
-0.7
RSON
16:35:06.1
Δ=130.1
0.9
-0.9
ANMO
16:35:12.5
Δ=133.4
0.7
-0.7
GAC
16:35:24.2
Δ=139.9
2.0
-2.0
RSNY
16:35:26.5
Δ=141.2
0.9
-0.9
SCP
16:35:31.1
Δ=144.1
2.0
-2.0
RSCP
16:35:34.6
Δ=145.9
0.8
-0.8
BDF
16:35:43.5
Δ=151.5
3.0
-3.0
ZOBO
16:35:51.8
Δ=157.6
0.8
-0.8
0
10
20
30
40
50
Time (min)
1419

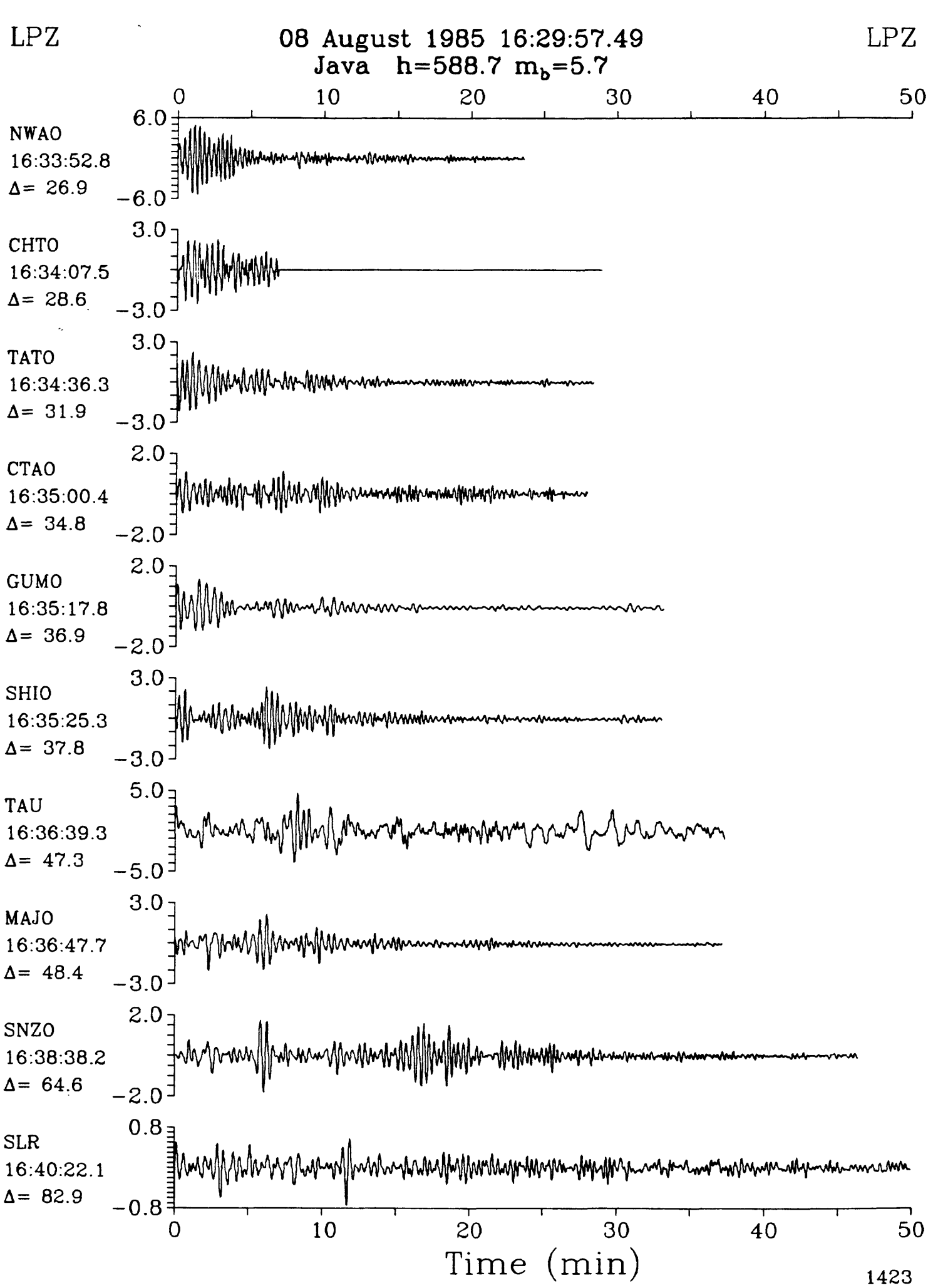
08 August 1985 16:29:57.49

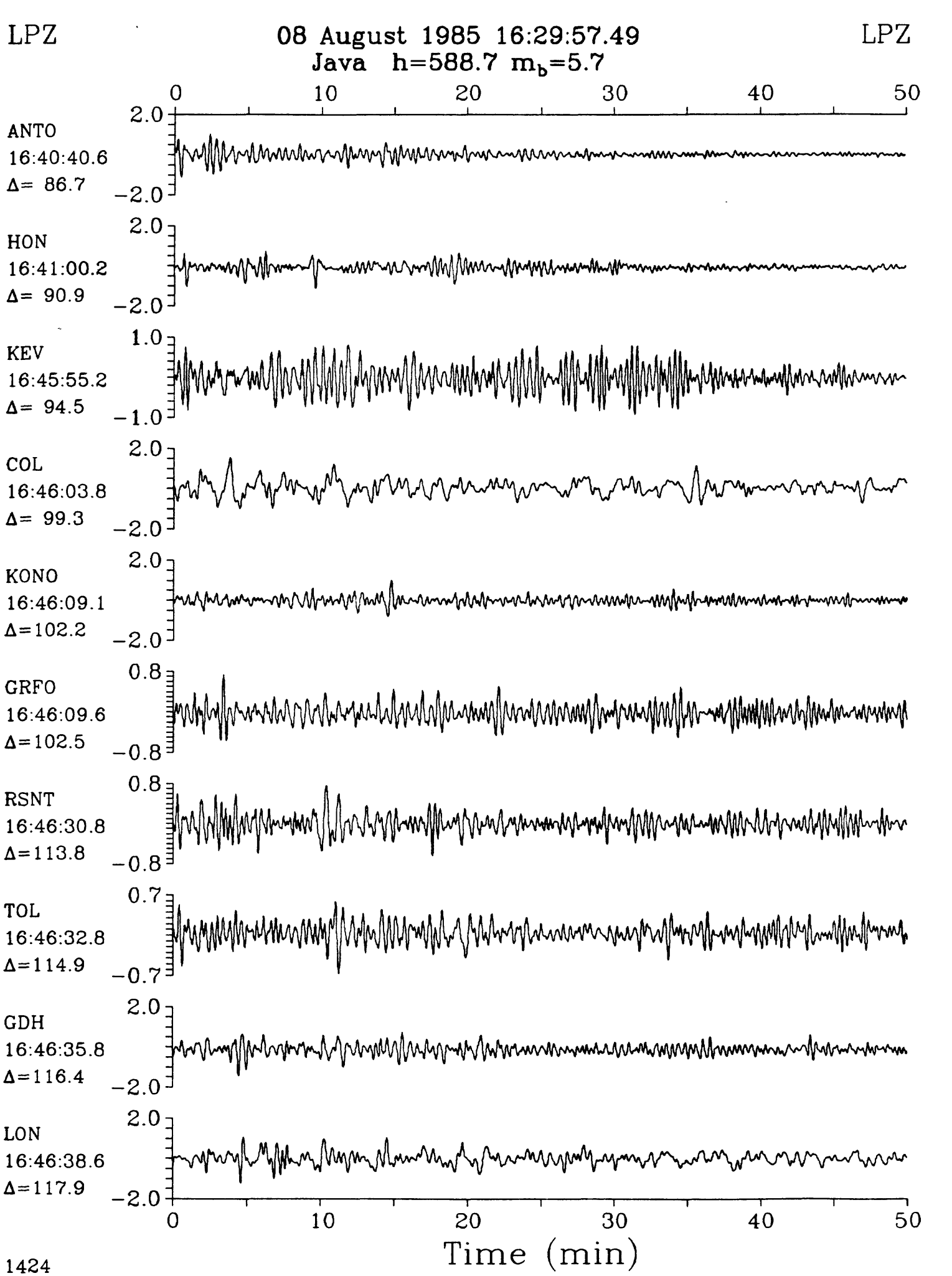
Java



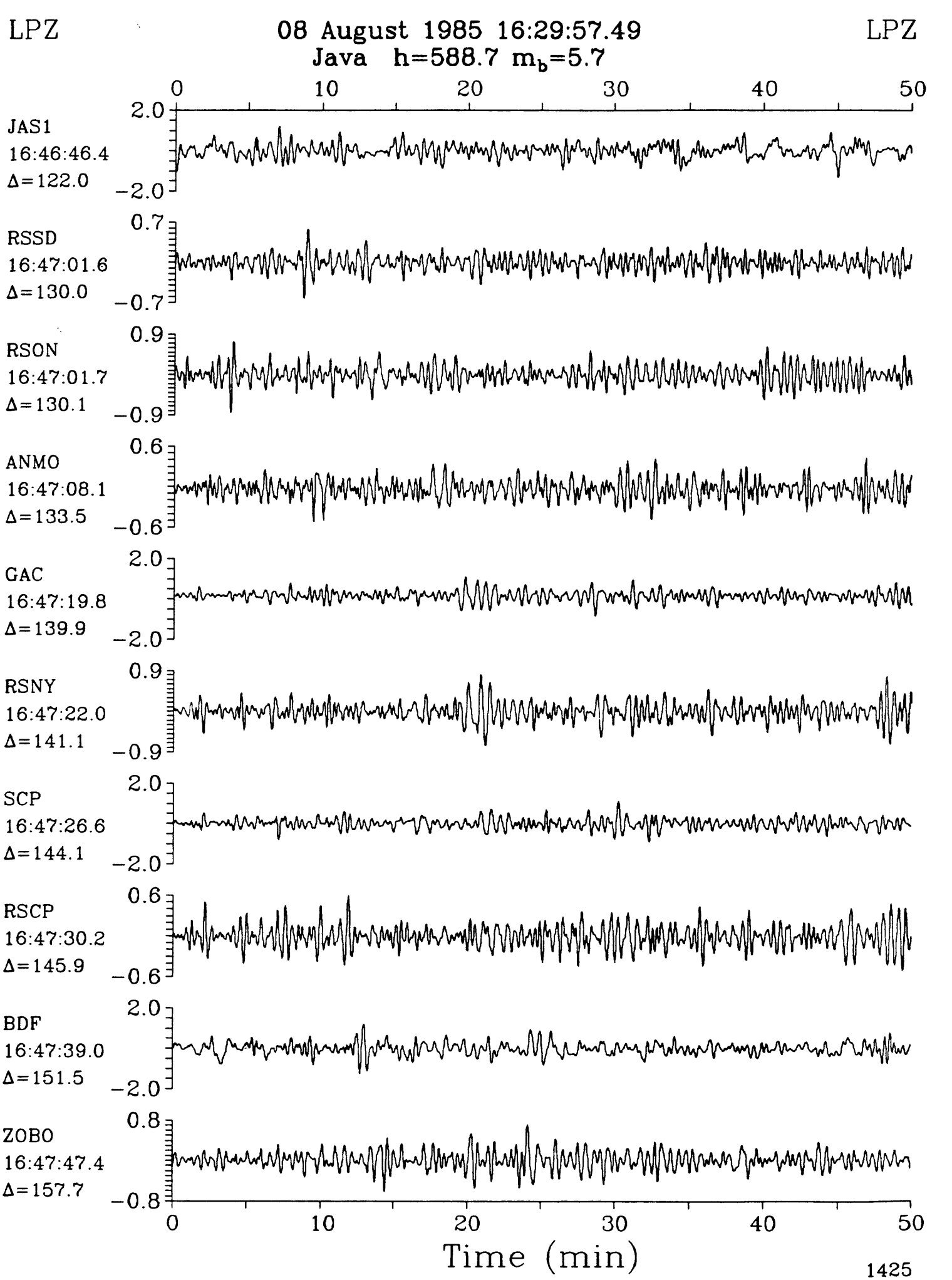

SPZ
08 August 1985 16:29:57.49
Java h=588.7 m_b=5.7
SPZ
0
1
2
0.80
NWAO
16:34:37.8
Δ= 26.9
-0.80
0.12
CHTO
16:34:52.5
Δ= 28.6
-0.12
0.60
CTAO
16:35:45.4
Δ= 34.8
-0.60
2.00
GUMO
16:36:02.8
Δ= 36.9
-2.00
0.20
SHIO
16:36:10.3
Δ= 37.8
-0.20
0.60
SNZO
16:39:23.2
Δ= 64.6
-0.60
0.10
SLR
16:41:07.1
Δ= 82.9
-0.10
0.12
ANTO
16:41:25.6
Δ= 86.7
-0.12
0.09
RSNT
16:47:15.8
Δ=113.8
-0.09
0.05
LON
16:47:23.6
Δ=117.9
-0.05
0
1
2
Time (min)
1421


SPZ
08 August 1985 16:29:57.49
Java h=588.7 m_b=5.7
SPZ
0
1
2
RSSD
16:47:46.6
Δ=130.0
0.16
-0.16
RSON
16:47:46.7
Δ=130.1
0.30
-0.30
ANMO
16:47:53.1
Δ=133.5
0.06
-0.06
RSNY
16:48:07.0
Δ=141.1
0.05
-0.05
SCP
16:48:11.6
Δ=144.1
0.80
-0.80
BDF
16:48:24.0
Δ=151.5
0.50
-0.50
ZOBO
16:48:32.4
Δ=157.7
0.20
-0.20
0
1
2
Time (min)


LPZ
08 August 1985 16:29:57.49
Java h=588.7 m_b=5.7
LPZ
0
10
20
30
40
50
NWAO
16:33:52.8
Δ= 26.9
6.0
-6.0
CHTO
16:34:07.5
Δ= 28.6
3.0
-3.0
TATO
16:34:36.3
Δ= 31.9
3.0
-3.0
CTAO
16:35:00.4
Δ= 34.8
2.0
-2.0
GUMO
16:35:17.8
Δ= 36.9
2.0
-2.0
SHIO
16:35:25.3
Δ= 37.8
3.0
-3.0
TAU
16:36:39.3
Δ= 47.3
5.0
-5.0
MAJO
16:36:47.7
Δ= 48.4
3.0
-3.0
SNZO
16:38:38.2
Δ= 64.6
2.0
-2.0
SLR
16:40:22.1
Δ= 82.9
0.8
-0.8
0
10
20
30
40
50
Time (min)
1423

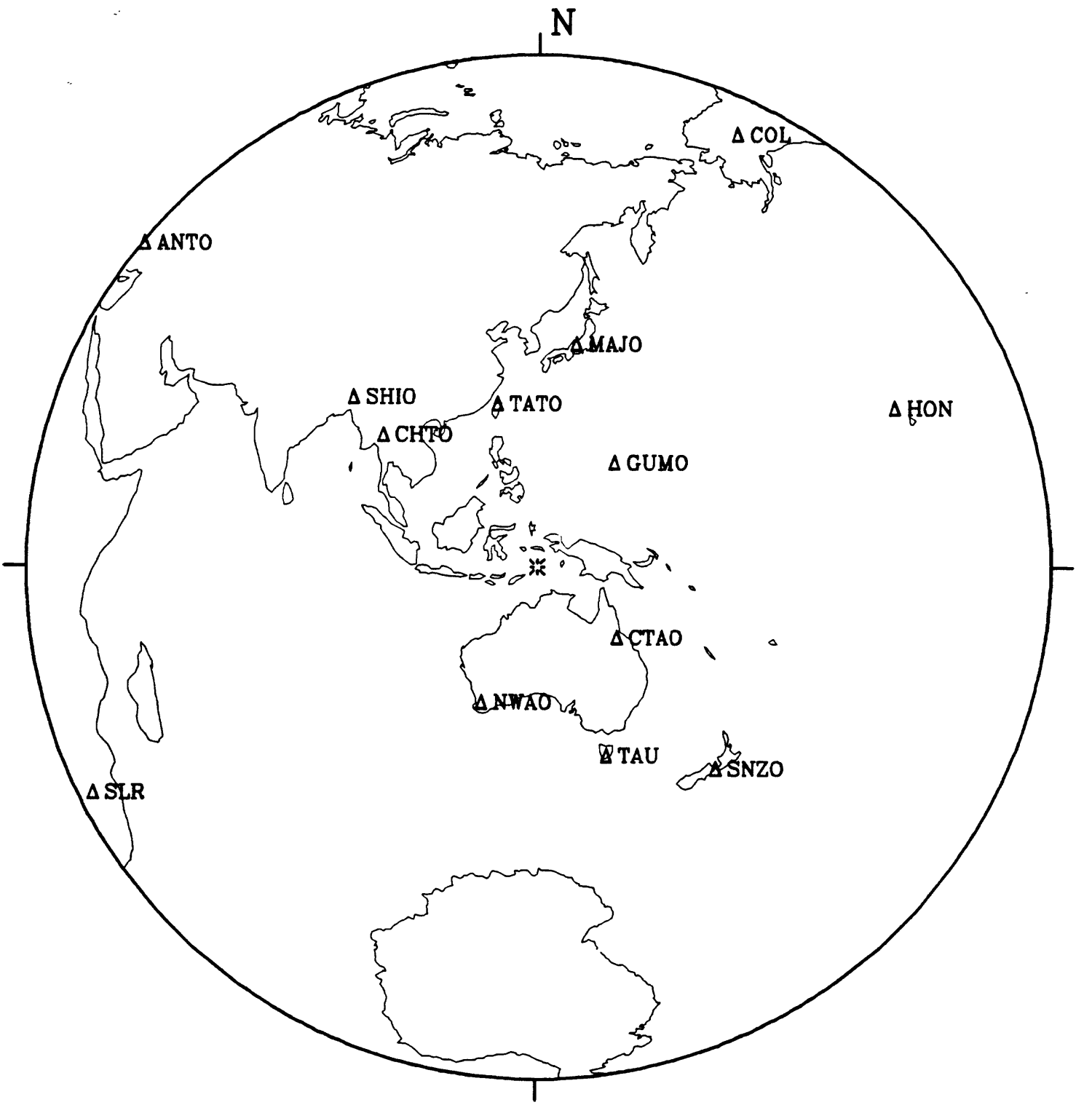

LPZ
08 August 1985 16:29:57.49
Java h=588.7 m_b=5.7
LPZ
0
10
20
30
40
50
ANTO
16:40:40.6
Δ= 86.7
2.0
-2.0
HON
16:41:00.2
Δ= 90.9
2.0
-2.0
KEV
16:45:55.2
Δ= 94.5
1.0
-1.0
COL
16:46:03.8
Δ= 99.3
2.0
-2.0
KONO
16:46:09.1
Δ=102.2
2.0
-2.0
GRFO
16:46:09.6
Δ=102.5
0.8
-0.8
RSNT
16:46:30.8
Δ=113.8
0.8
-0.8
TOL
16:46:32.8
Δ=114.9
0.7
-0.7
GDH
16:46:35.8
Δ=116.4
2.0
-2.0
LON
16:46:38.6
Δ=117.9
2.0
-2.0
0
10
20
30
40
50
Time (min)

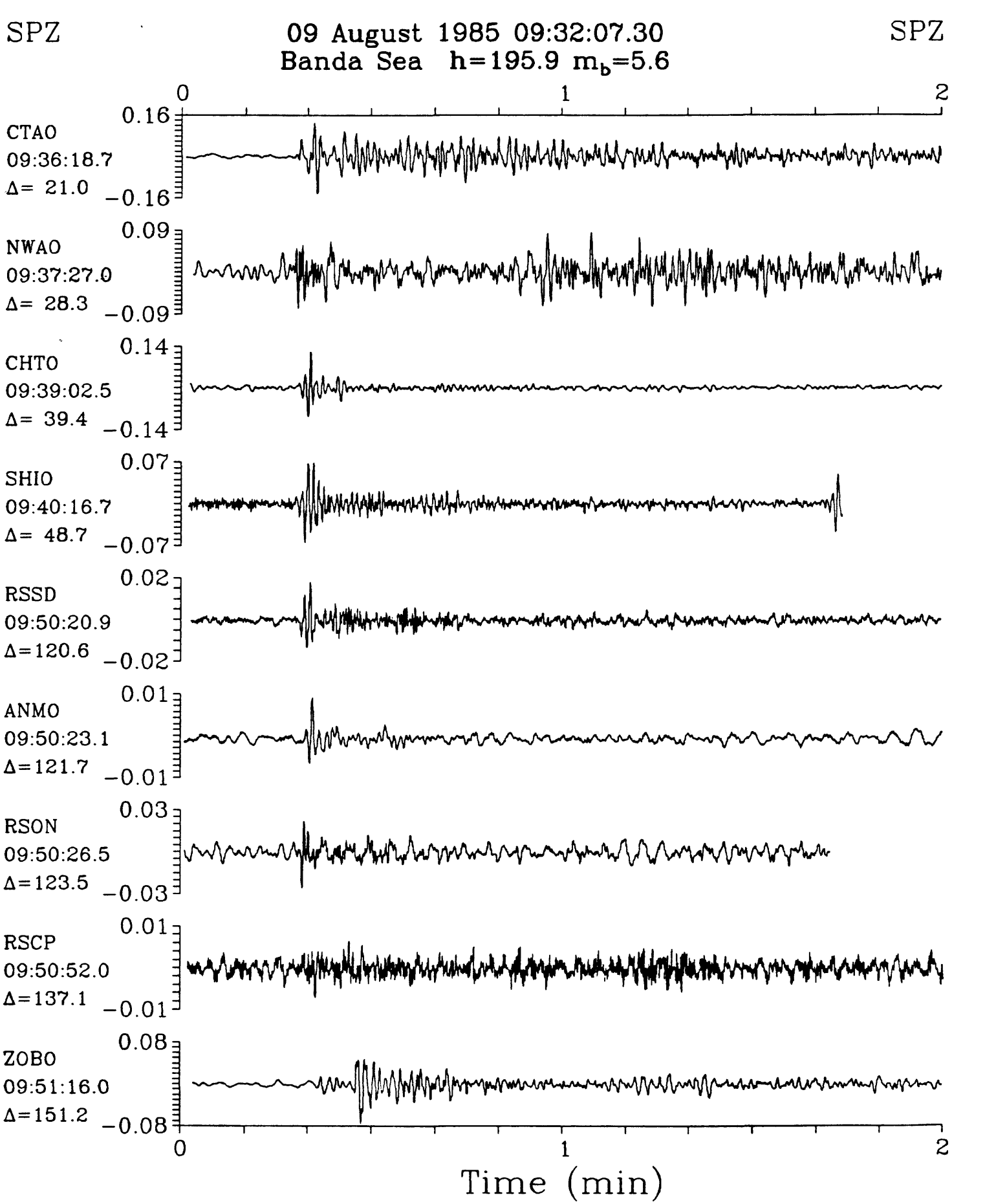
1424

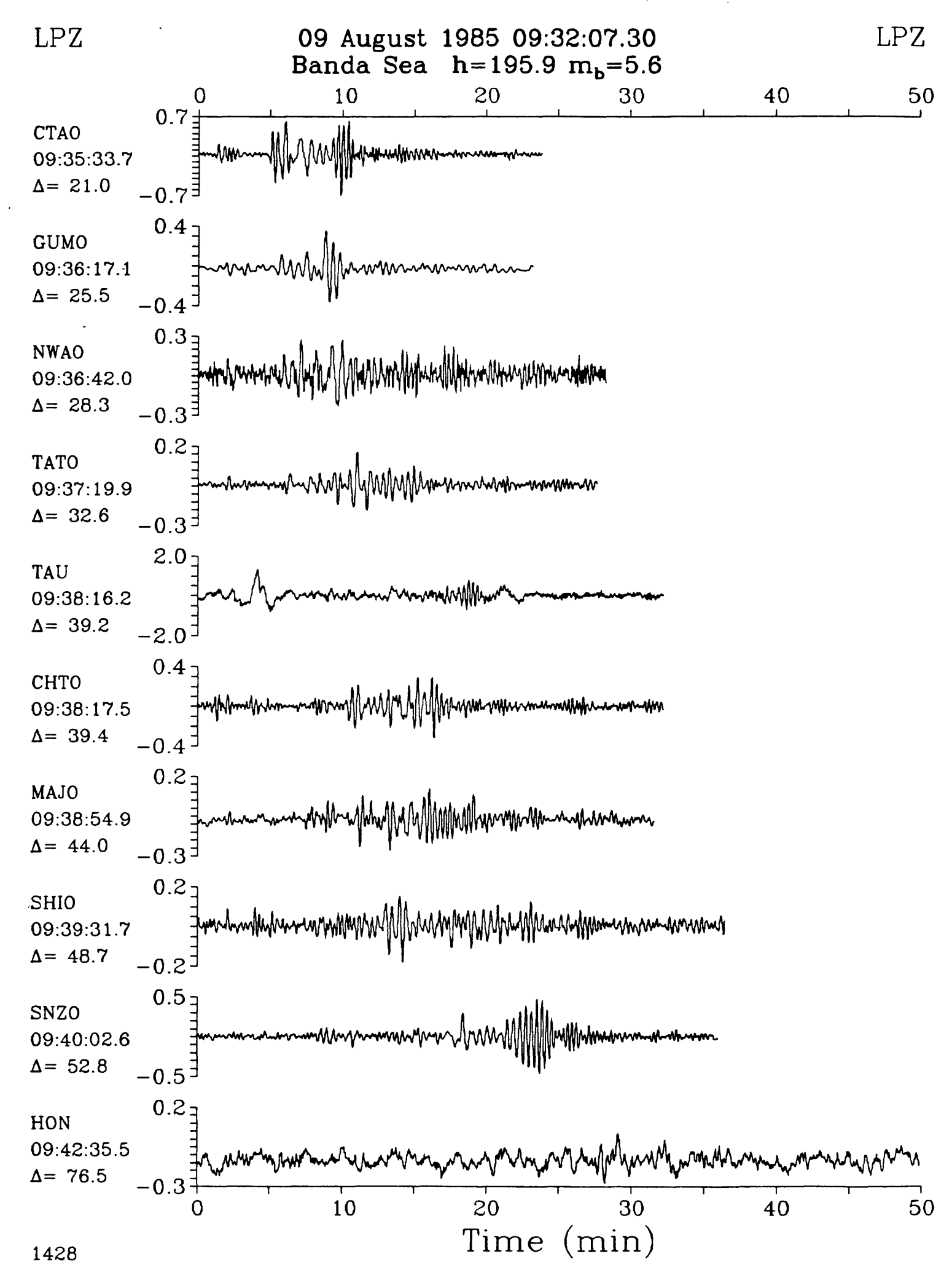

LPZ
08 August 1985 16:29:57.49
Java h=588.7 m_b=5.7
LPZ
0
10
20
30
40
50
JAS1
16:46:46.4
Δ=122.0
2.0
-2.0
RSSD
16:47:01.6
Δ=130.0
0.7
-0.7
RSON
16:47:01.7
Δ=130.1
0.9
-0.9
ANMO
16:47:08.1
Δ=133.5
0.6
-0.6
GAC
16:47:19.8
Δ=139.9
2.0
-2.0
RSNY
16:47:22.0
Δ=141.1
0.9
-0.9
SCP
16:47:26.6
Δ=144.1
2.0
-2.0
RSCP
16:47:30.2
Δ=145.9
0.6
-0.6
BDF
16:47:39.0
Δ=151.5
2.0
-2.0
ZOBO
16:47:47.4
Δ=157.7
0.8
-0.8
0
10
20
30
40
50
Time (min)
1425

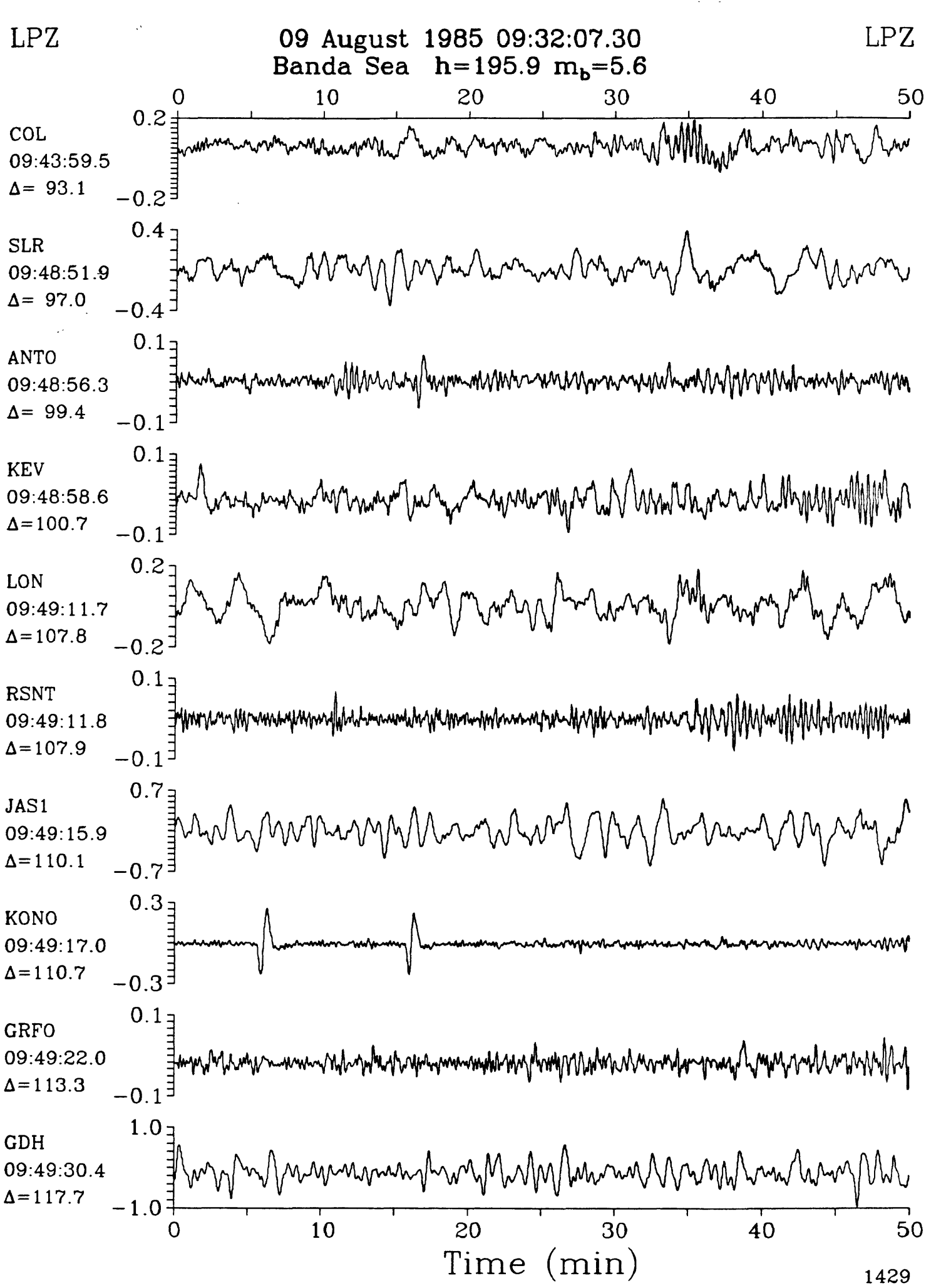
09 August 1985 09:32:07.30

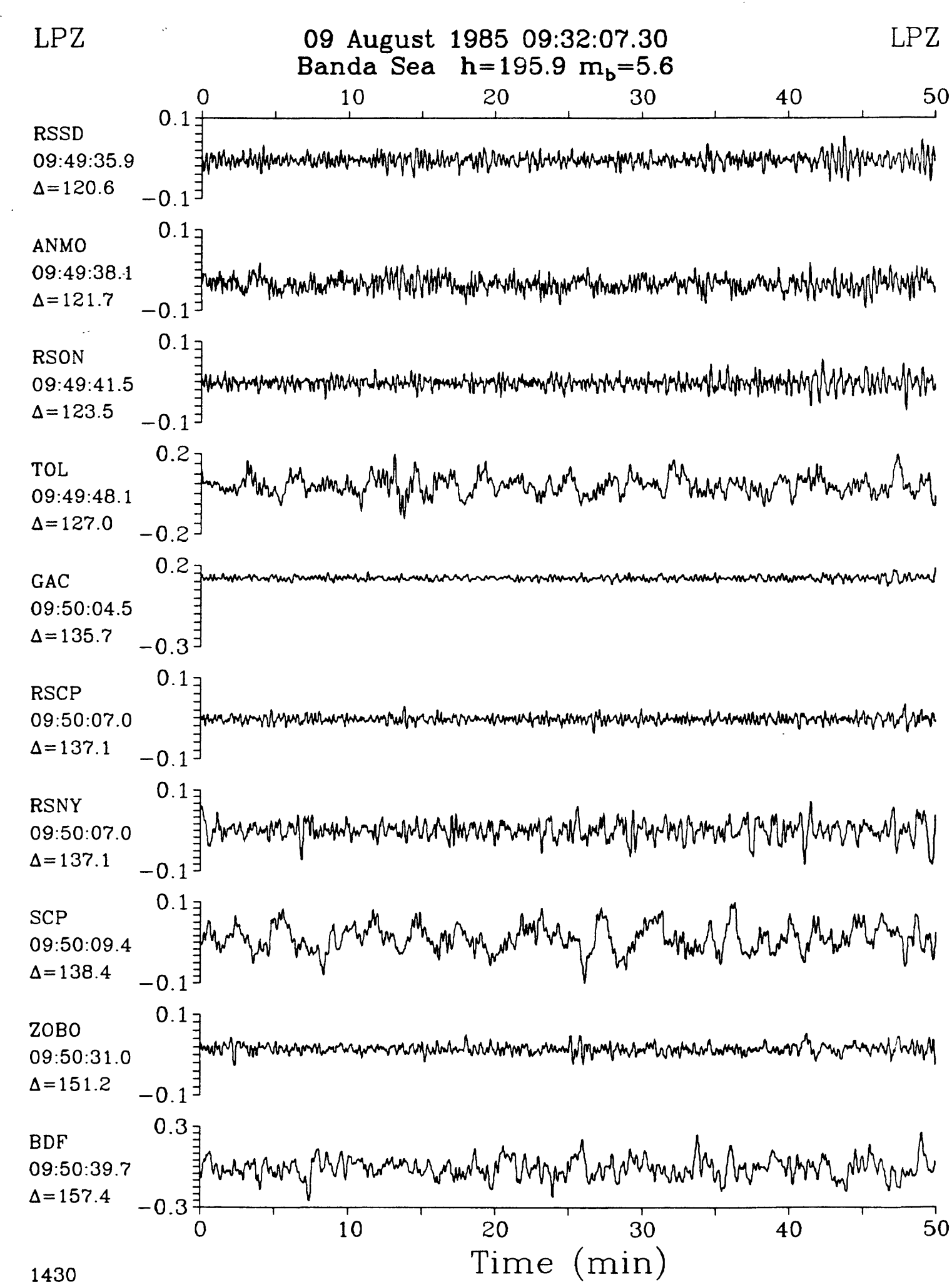
Banda Sea




SPZ
09 August 1985 09:32:07.30
Banda Sea h=195.9 m$_b$=5.6
SPZ
0
1
2
0.16
CTAO
09:36:18.7
Δ= 21.0
−0.16
0.09
NWAO
09:37:27.0
Δ= 28.3
−0.09
0.14
CHTO
09:39:02.5
Δ= 39.4
−0.14
0.07
SHIO
09:40:16.7
Δ= 48.7
−0.07
0.02
RSSD
09:50:20.9
Δ=120.6
−0.02
0.01
ANMO
09:50:23.1
Δ=121.7
−0.01
0.03
RSON
09:50:26.5
Δ=123.5
−0.03
0.01
RSCP
09:50:52.0
Δ=137.1
−0.01
0.08
ZOBO
09:51:16.0
Δ=151.2
−0.08
0
1
2
Time (min)

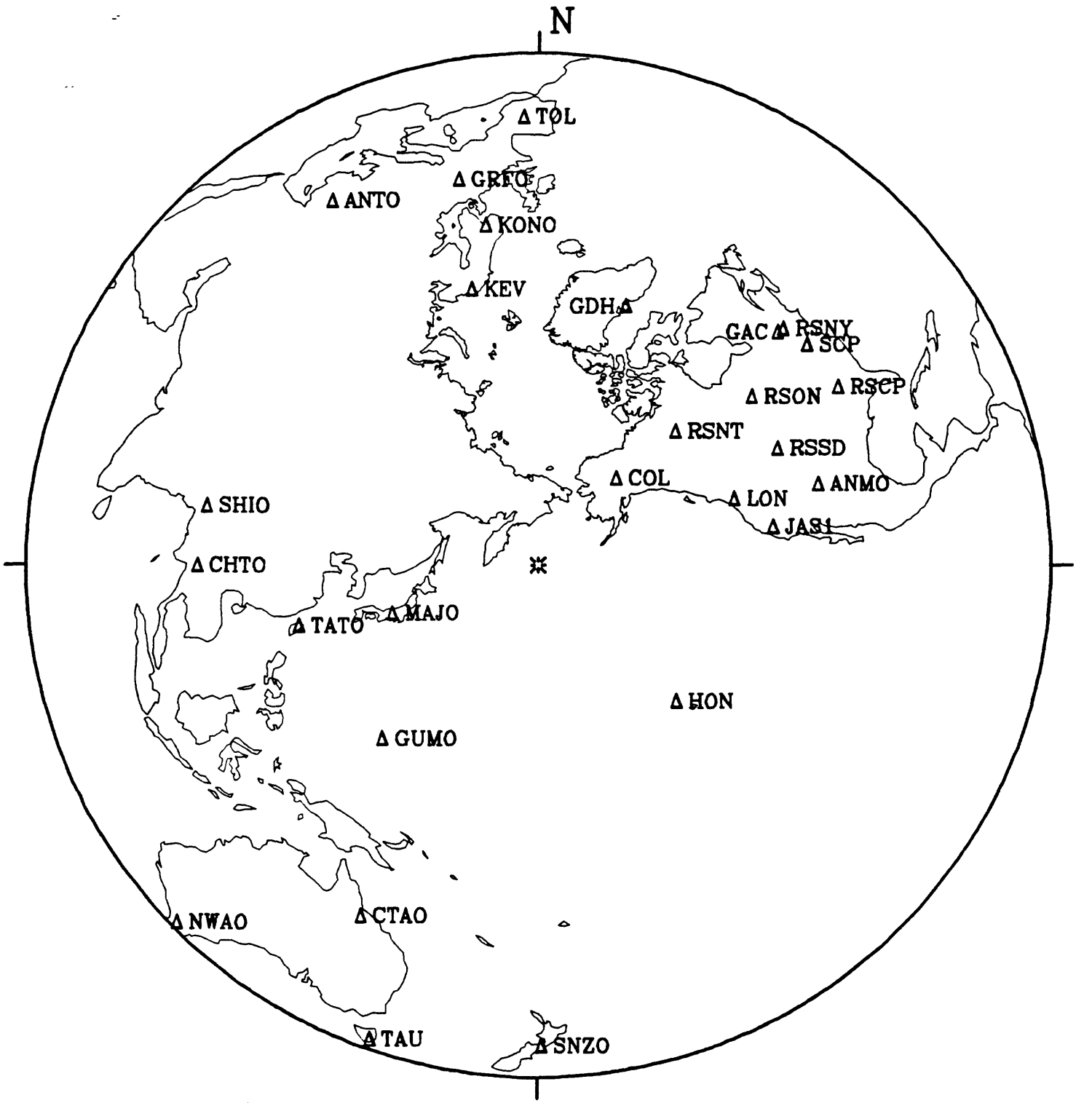

LPZ
09 August 1985 09:32:07.30
Banda Sea h=195.9 m_b=5.6
LPZ
0
10
20
30
40
50
CTAO
09:35:33.7
Δ= 21.0
0.7
-0.7
GUMO
09:36:17.1
Δ= 25.5
0.4
-0.4
NWAO
09:36:42.0
Δ= 28.3
0.3
-0.3
TATO
09:37:19.9
Δ= 32.6
0.2
-0.3
TAU
09:38:16.2
Δ= 39.2
2.0
-2.0
CHTO
09:38:17.5
Δ= 39.4
0.4
-0.4
MAJO
09:38:54.9
Δ= 44.0
0.2
-0.3
SHIO
09:39:31.7
Δ= 48.7
0.2
-0.2
SNZO
09:40:02.6
Δ= 52.8
0.5
-0.5
HON
09:42:35.5
Δ= 76.5
0.2
-0.3
0
10
20
30
40
50
Time (min)
1428

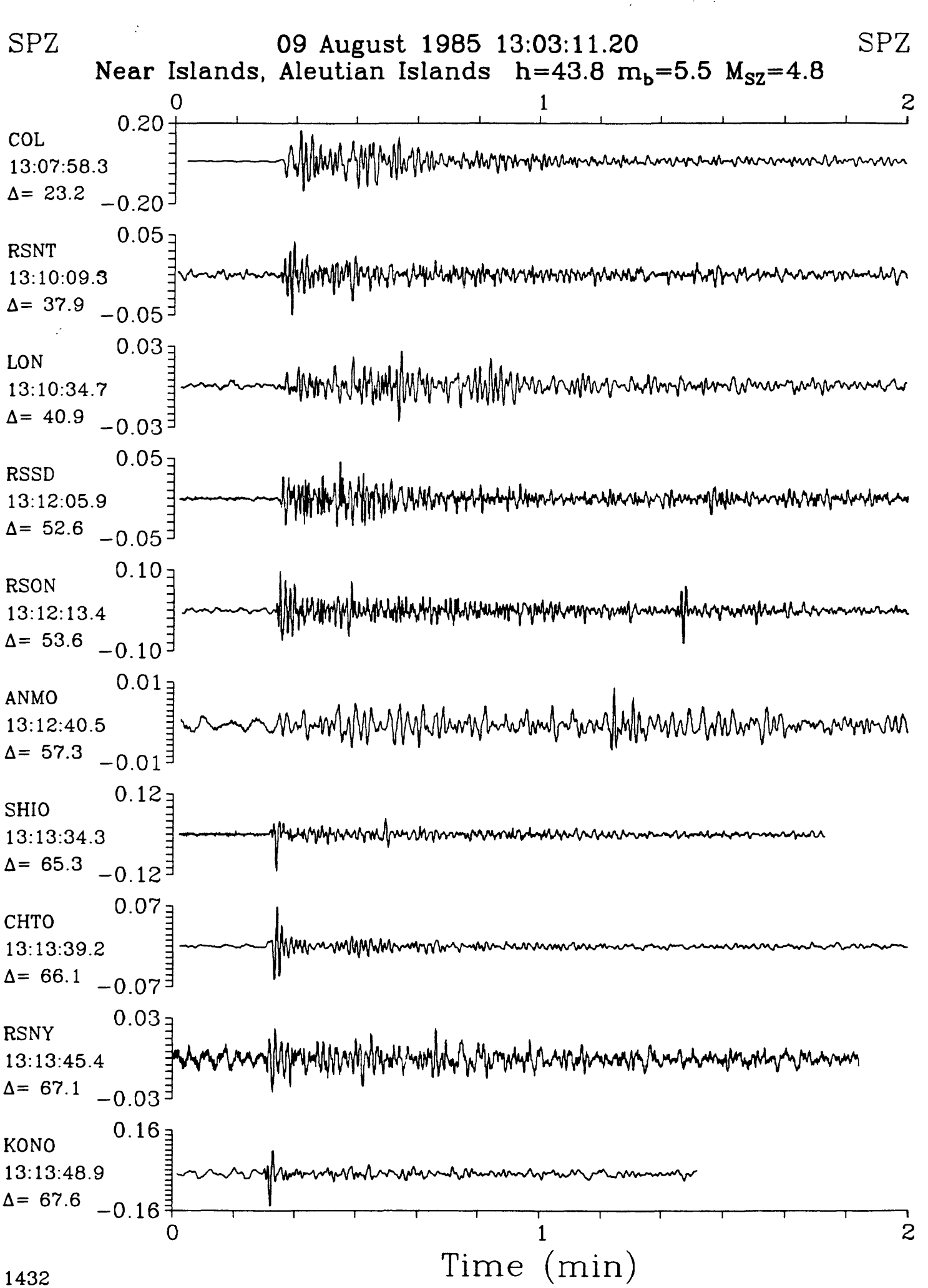

LPZ
09 August 1985 09:32:07.30
Banda Sea h=195.9 m_b=5.6
LPZ
0
10
20
30
40
50
COL
09:43:59.5
Δ= 93.1
0.2
−0.2
SLR
09:48:51.9
Δ= 97.0
0.4
−0.4
ANTO
09:48:56.3
Δ= 99.4
0.1
−0.1
KEV
09:48:58.6
Δ=100.7
0.1
−0.1
LON
09:49:11.7
Δ=107.8
0.2
−0.2
RSNT
09:49:11.8
Δ=107.9
0.1
−0.1
JAS1
09:49:15.9
Δ=110.1
0.7
−0.7
KONO
09:49:17.0
Δ=110.7
0.3
−0.3
GRFO
09:49:22.0
Δ=113.3
0.1
−0.1
GDH
09:49:30.4
Δ=117.7
1.0
−1.0
0
10
20
30
40
50
Time (min)
1429

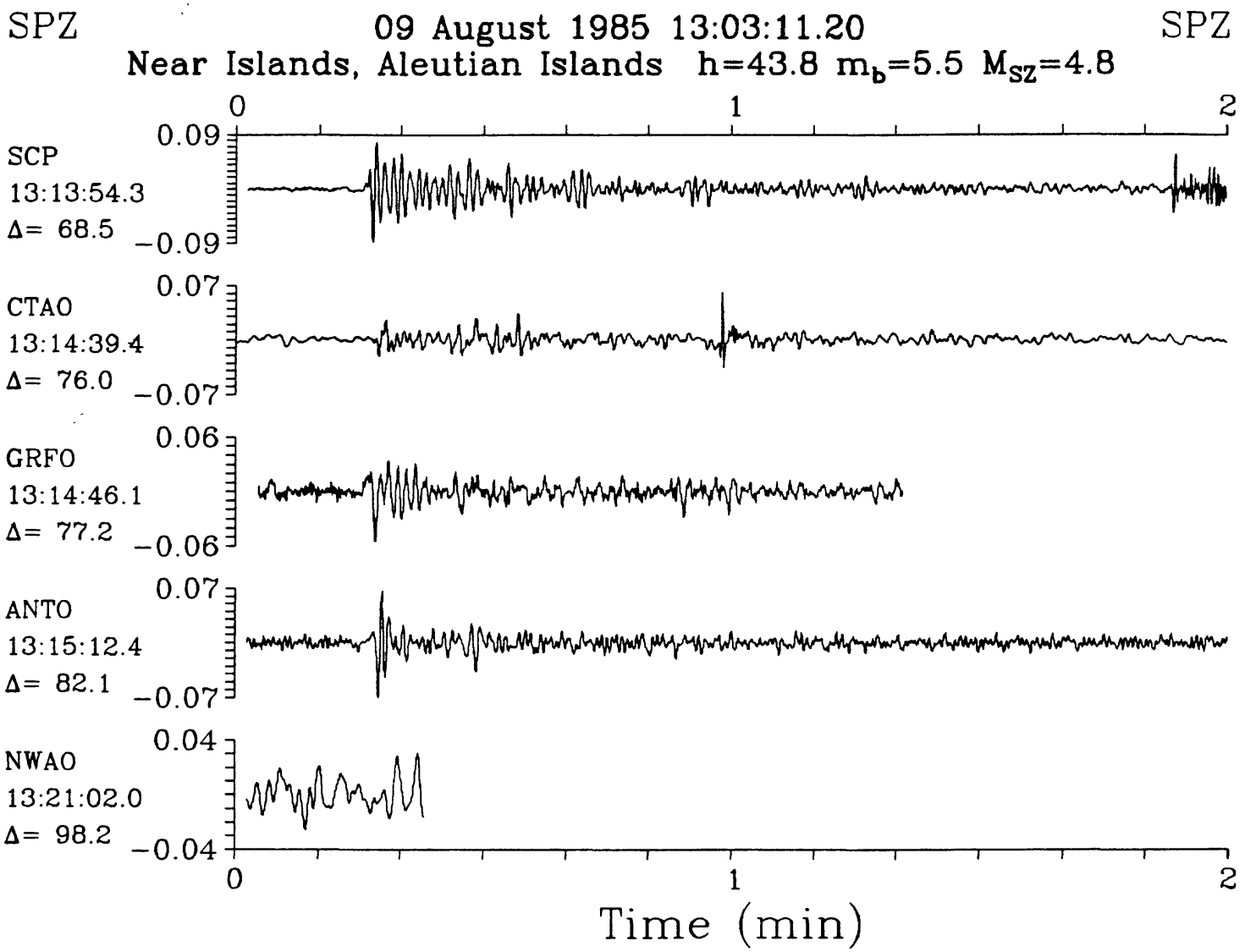

LPZ
09 August 1985 09:32:07.30
Banda Sea h=195.9 m_b=5.6
LPZ
0
10
20
30
40
50
RSSD
09:49:35.9
Δ=120.6
0.1
−0.1
ANMO
09:49:38.1
Δ=121.7
0.1
−0.1
RSON
09:49:41.5
Δ=123.5
0.1
−0.1
TOL
09:49:48.1
Δ=127.0
0.2
−0.2
GAC
09:50:04.5
Δ=135.7
0.2
−0.3
RSCP
09:50:07.0
Δ=137.1
0.1
−0.1
RSNY
09:50:07.0
Δ=137.1
0.1
−0.1
SCP
09:50:09.4
Δ=138.4
0.1
−0.1
ZOBO
09:50:31.0
Δ=151.2
0.1
−0.1
BDF
09:50:39.7
Δ=157.4
0.3
−0.3
0
10
20
30
40
50
Time (min)
1430

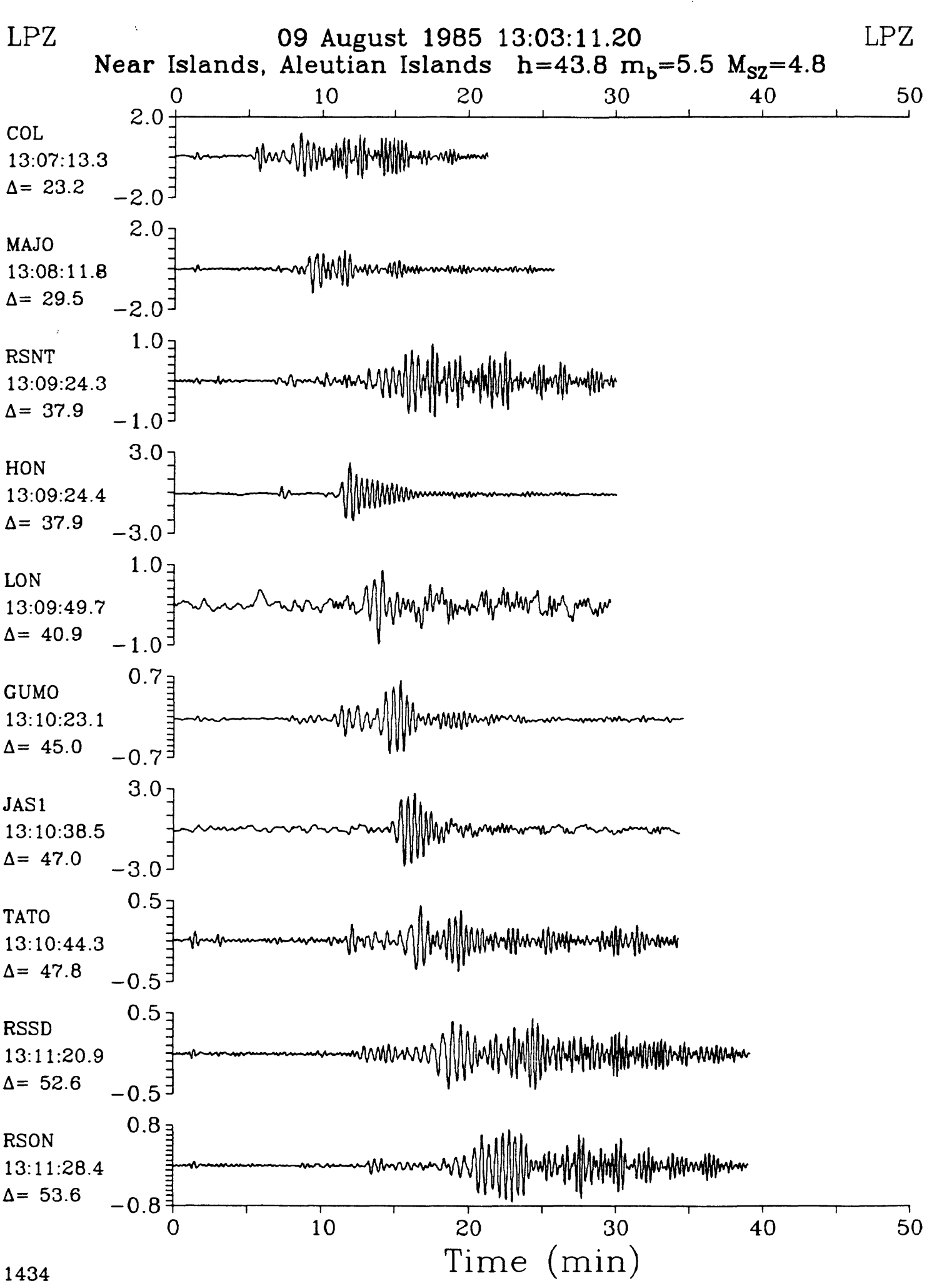
09 August 1985 13:03:11.20

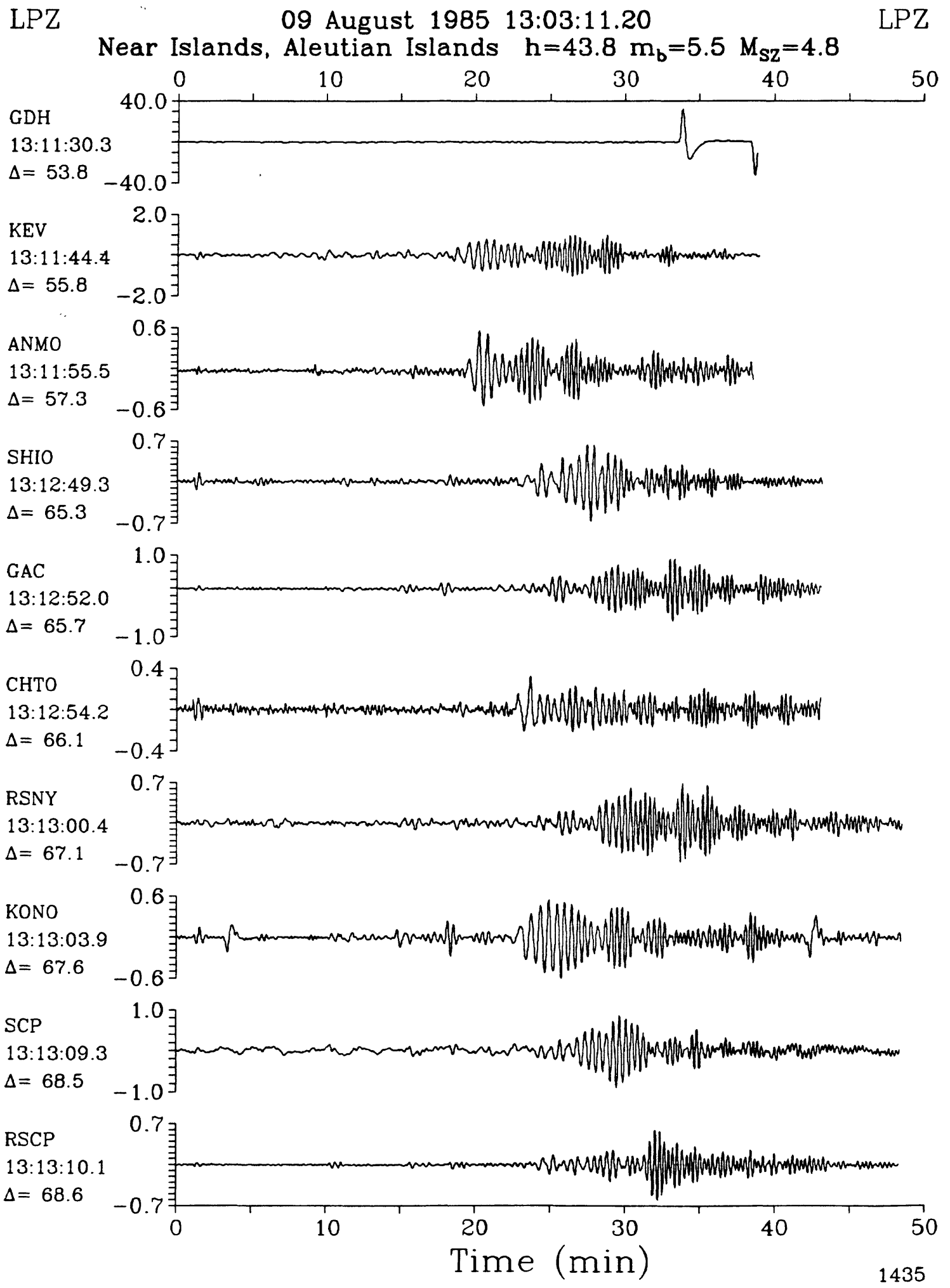
Near Islands, Aleutian Islands

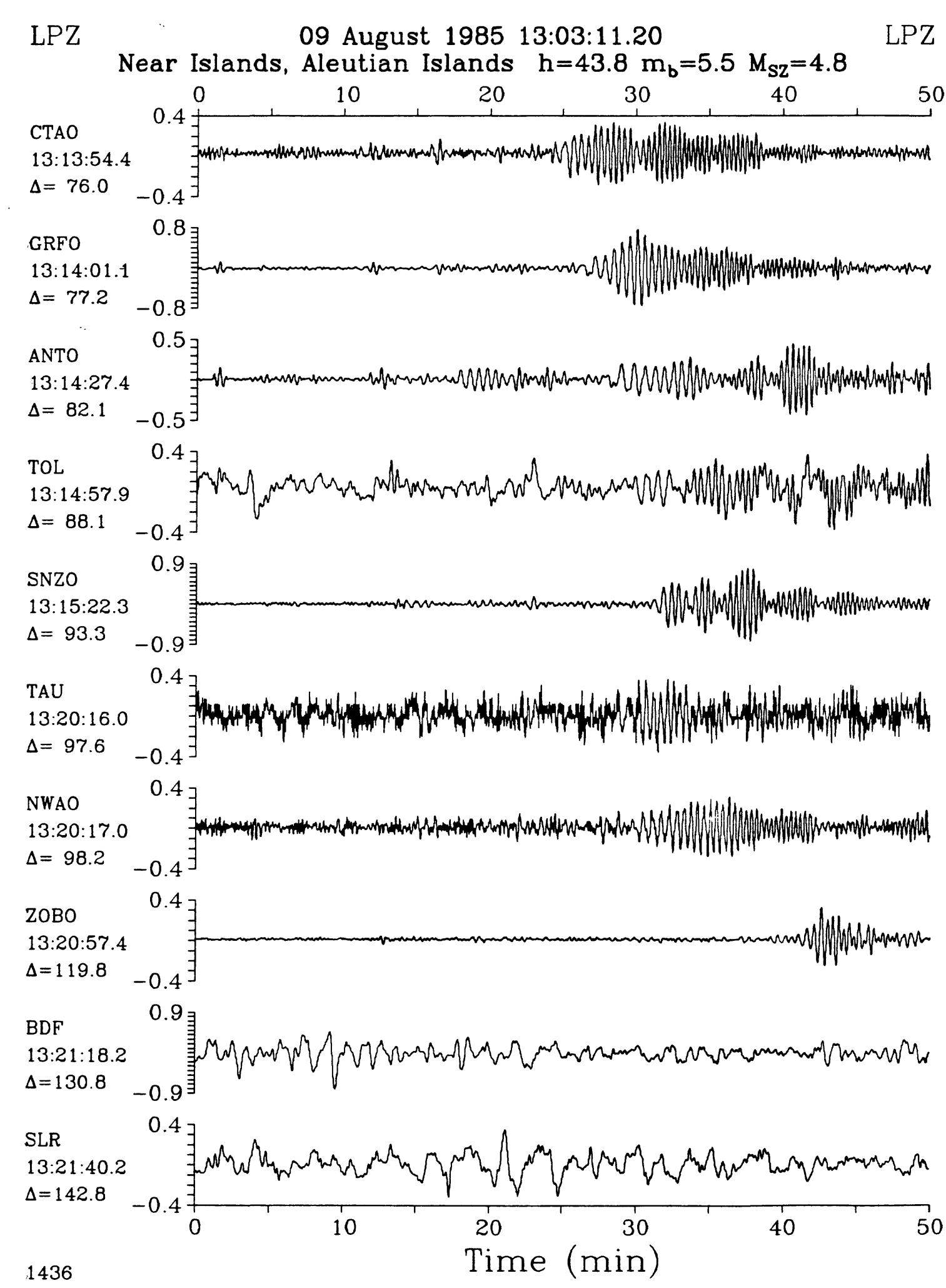



SPZ
09 August 1985 13:03:11.20
SPZ
Near Islands, Aleutian Islands h=43.8 m_b=5.5 M_{SZ}=4.8
0
1
2
0.20
COL
13:07:58.3
Δ= 23.2
-0.20
0.05
RSNT
13:10:09.3
Δ= 37.9
-0.05
0.03
LON
13:10:34.7
Δ= 40.9
-0.03
0.05
RSSD
13:12:05.9
Δ= 52.6
-0.05
0.10
RSON
13:12:13.4
Δ= 53.6
-0.10
0.01
ANMO
13:12:40.5
Δ= 57.3
-0.01
0.12
SHIO
13:13:34.3
Δ= 65.3
-0.12
0.07
CHTO
13:13:39.2
Δ= 66.1
-0.07
0.03
RSNY
13:13:45.4
Δ= 67.1
-0.03
0.16
KONO
13:13:48.9
Δ= 67.6
-0.16
0
1
2
Time (min)


SPZ
09 August 1985 13:03:11.20
SPZ
Near Islands, Aleutian Islands h=43.8 m_b=5.5 M_{SZ}=4.8
0
1
2
0.09
SCP
13:13:54.3
Δ= 68.5
-0.09
0.07
CTAO
13:14:39.4
Δ= 76.0
-0.07
0.06
GRFO
13:14:46.1
Δ= 77.2
-0.06
0.07
ANTO
13:15:12.4
Δ= 82.1
-0.07
0.04
NWAO
13:21:02.0
Δ= 98.2
-0.04
0
1
2
Time (min)

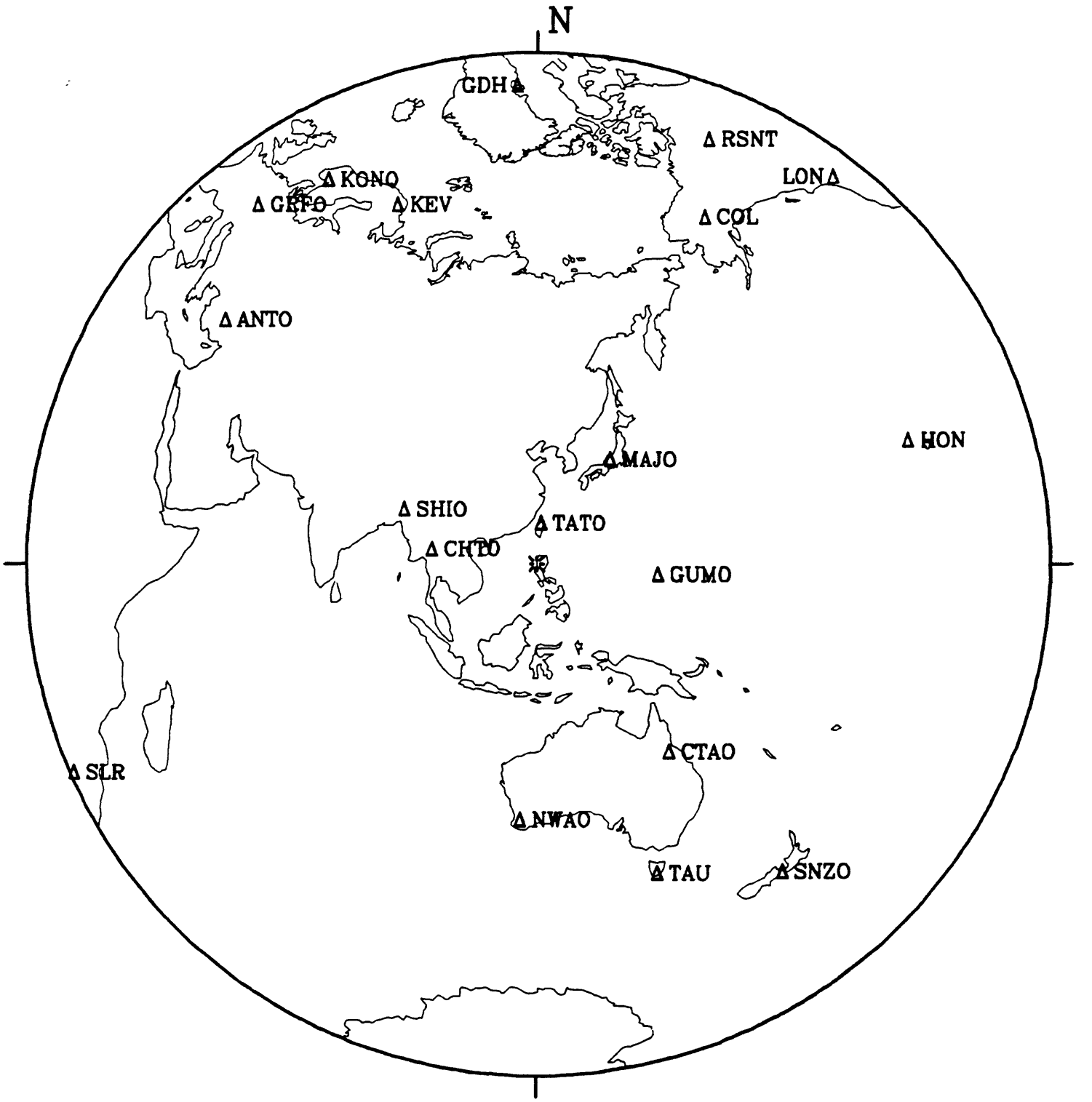

LPZ
09 August 1985 13:03:11.20
LPZ
Near Islands, Aleutian Islands h=43.8 m_b=5.5 M_{SZ}=4.8
0
10
20
30
40
50
COL
13:07:13.3
Δ= 23.2
2.0
-2.0
MAJO
13:08:11.8
Δ= 29.5
2.0
-2.0
RSNT
13:09:24.3
Δ= 37.9
1.0
-1.0
HON
13:09:24.4
Δ= 37.9
3.0
-3.0
LON
13:09:49.7
Δ= 40.9
1.0
-1.0
GUMO
13:10:23.1
Δ= 45.0
0.7
-0.7
JAS1
13:10:38.5
Δ= 47.0
3.0
-3.0
TATO
13:10:44.3
Δ= 47.8
0.5
-0.5
RSSD
13:11:20.9
Δ= 52.6
0.5
-0.5
RSON
13:11:28.4
Δ= 53.6
0.8
-0.8
0
10
20
30
40
50
Time (min)
1434

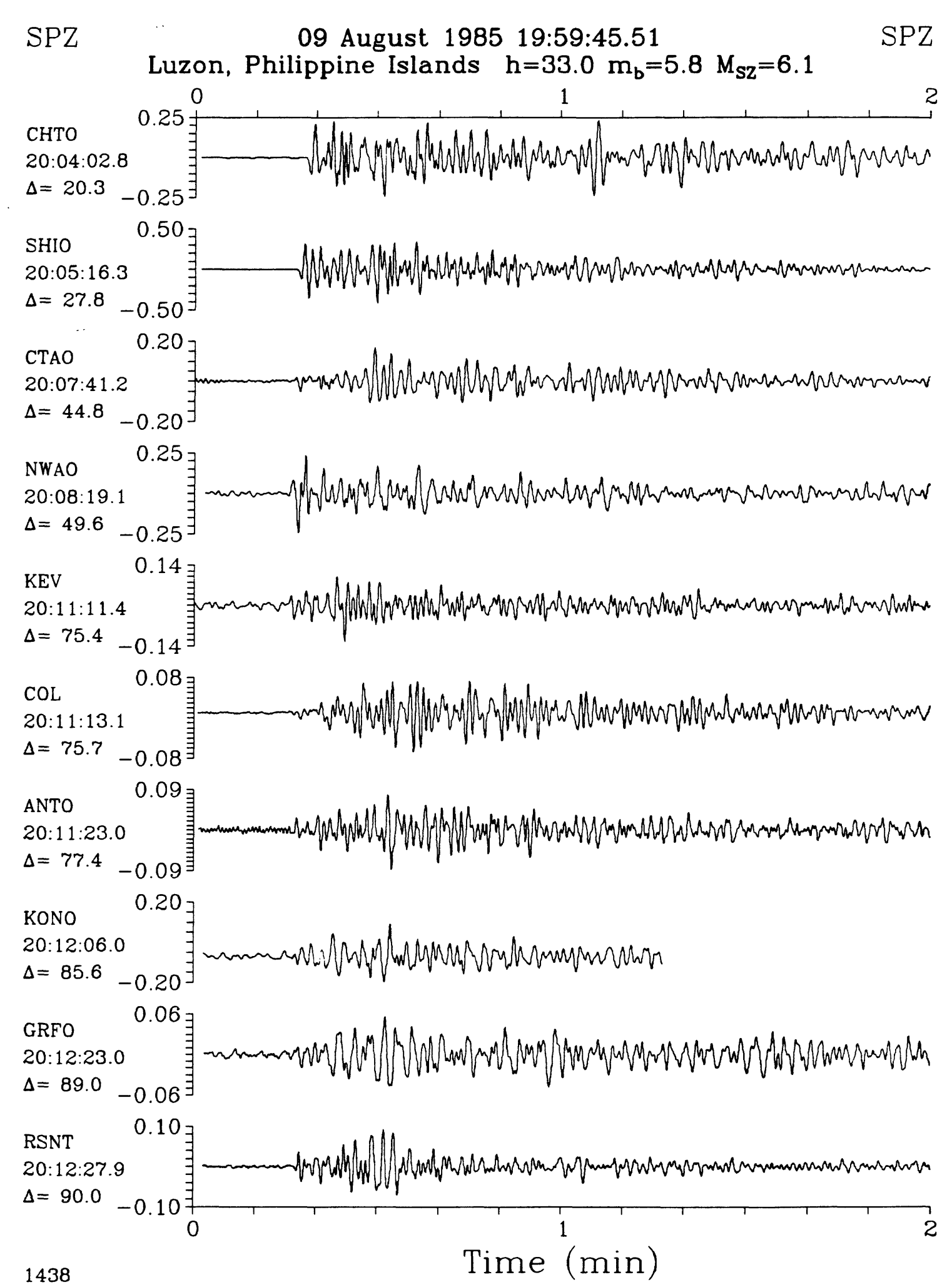

LPZ
09 August 1985 13:03:11.20
LPZ
Near Islands, Aleutian Islands h=43.8 m_b=5.5 M_{SZ}=4.8
0
10
20
30
40
50
GDH
13:11:30.3
Δ= 53.8
40.0
-40.0
KEV
13:11:44.4
Δ= 55.8
2.0
-2.0
ANMO
13:11:55.5
Δ= 57.3
0.6
-0.6
SHIO
13:12:49.3
Δ= 65.3
0.7
-0.7
GAC
13:12:52.0
Δ= 65.7
1.0
-1.0
CHTO
13:12:54.2
Δ= 66.1
0.4
-0.4
RSNY
13:13:00.4
Δ= 67.1
0.7
-0.7
KONO
13:13:03.9
Δ= 67.6
0.6
-0.6
SCP
13:13:09.3
Δ= 68.5
1.0
-1.0
RSCP
13:13:10.1
Δ= 68.6
0.7
-0.7
0
10
20
30
40
50
Time (min)
1435


LPZ
09 August 1985 13:03:11.20
LPZ
Near Islands, Aleutian Islands h=43.8 m_b=5.5 M_{SZ}=4.8
0
10
20
30
40
50
CTAO
13:13:54.4
Δ= 76.0
0.4
−0.4
GRFO
13:14:01.1
Δ= 77.2
0.8
−0.8
ANTO
13:14:27.4
Δ= 82.1
0.5
−0.5
TOL
13:14:57.9
Δ= 88.1
0.4
−0.4
SNZO
13:15:22.3
Δ= 93.3
0.9
−0.9
TAU
13:20:16.0
Δ= 97.6
0.4
−0.4
NWAO
13:20:17.0
Δ= 98.2
0.4
−0.4
ZOBO
13:20:57.4
Δ=119.8
0.4
−0.4
BDF
13:21:18.2
Δ=130.8
0.9
−0.9
SLR
13:21:40.2
Δ=142.8
0.4
−0.4
0
10
20
30
40
50
Time (min)

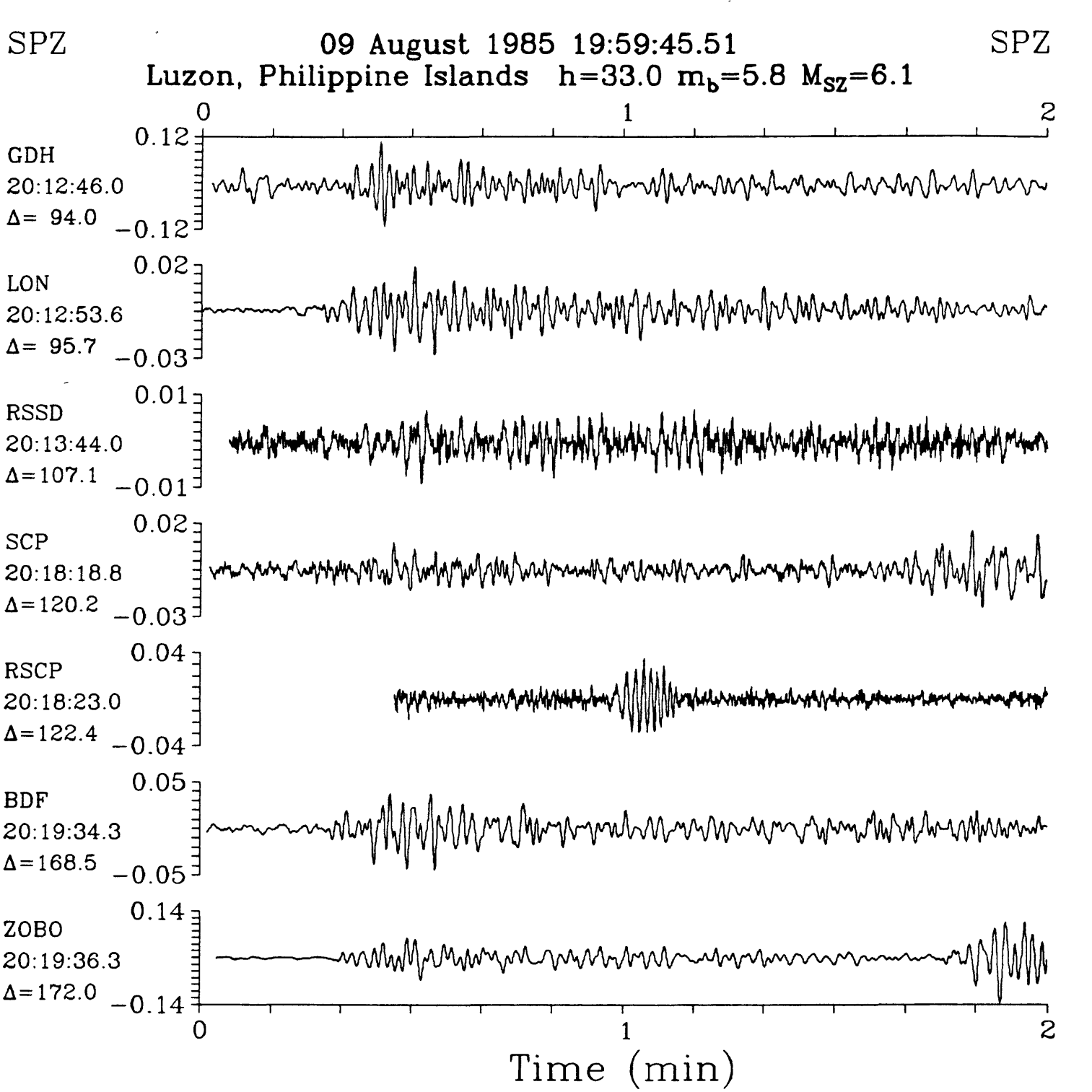
09 August 1985 19:59:45.51

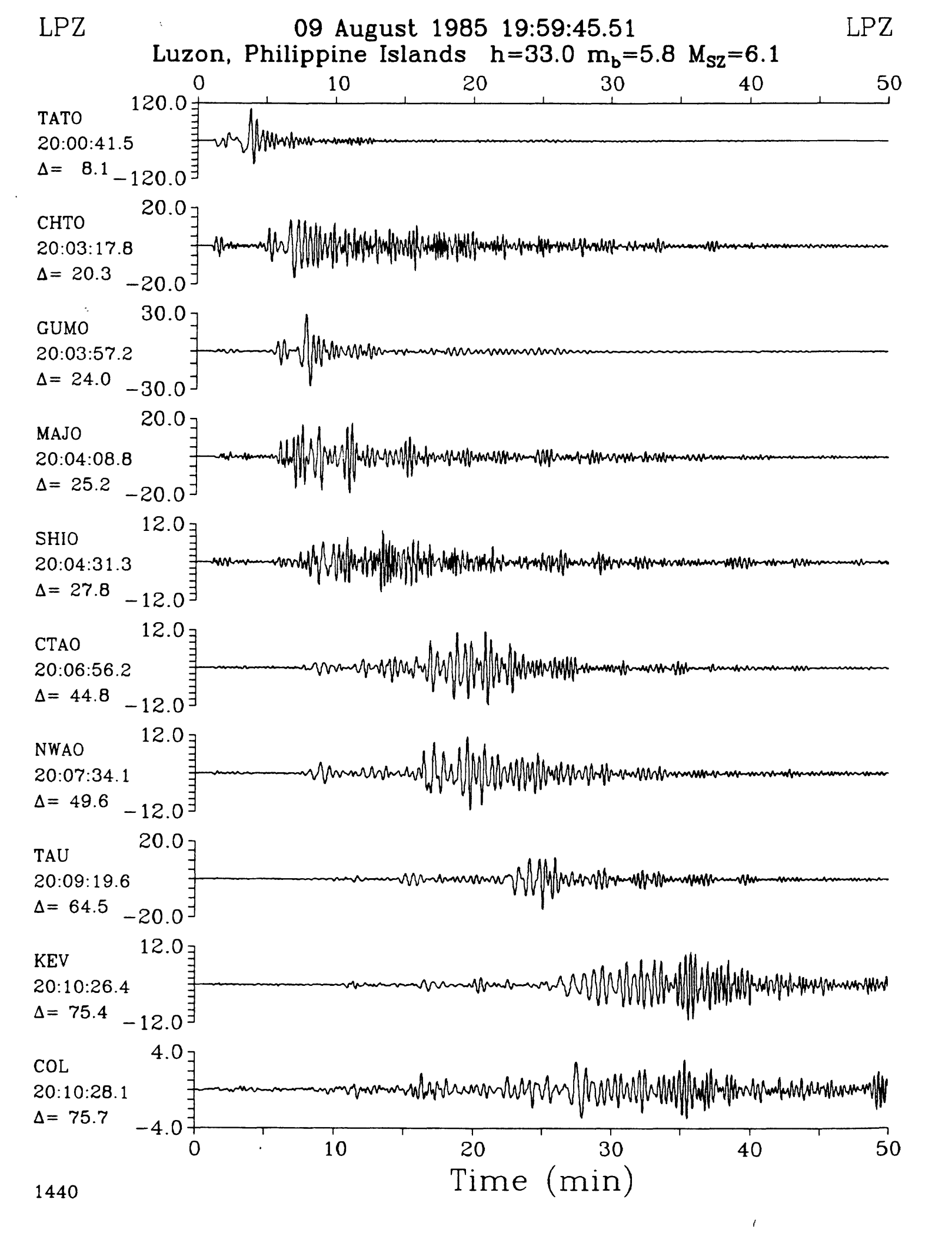
Luzon, Philippine Islands

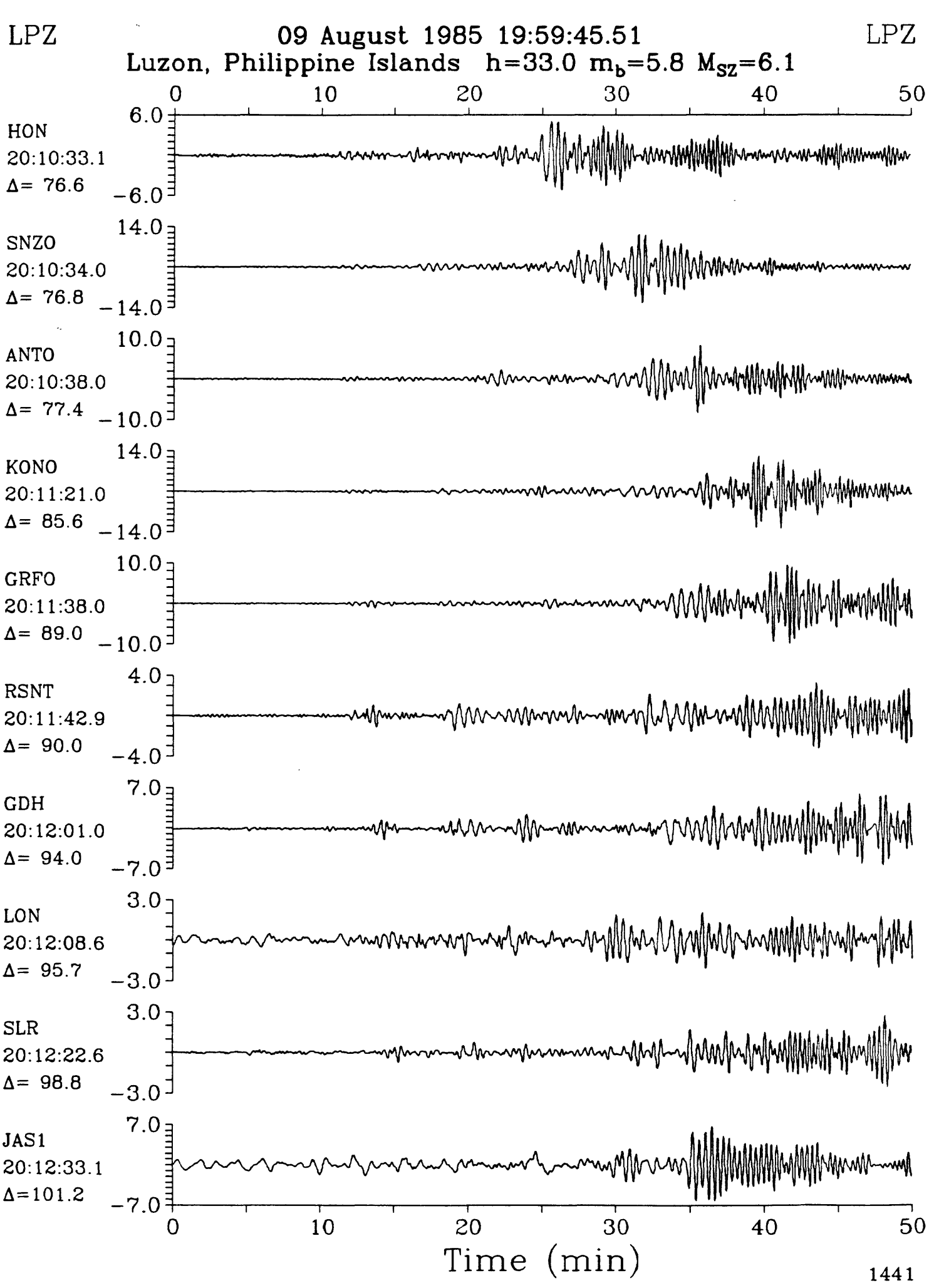


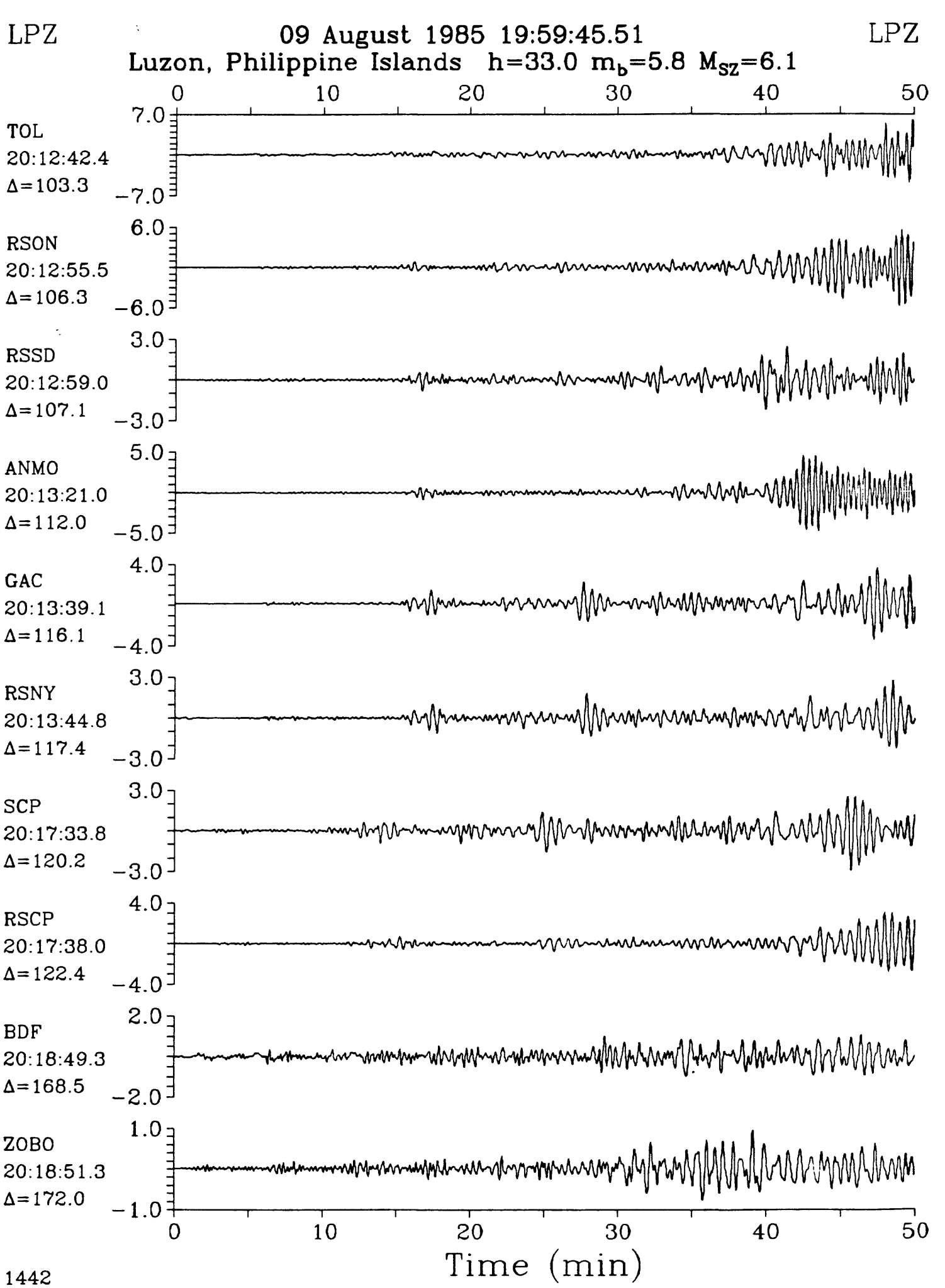

SPZ
09 August 1985 19:59:45.51
SPZ
Luzon, Philippine Islands h=33.0 m_b=5.8 M_{SZ}=6.1
0
1
2
0.25
CHTO
20:04:02.8
Δ= 20.3
−0.25
0.50
SHIO
20:05:16.3
Δ= 27.8
−0.50
0.20
CTAO
20:07:41.2
Δ= 44.8
−0.20
0.25
NWAO
20:08:19.1
Δ= 49.6
−0.25
0.14
KEV
20:11:11.4
Δ= 75.4
−0.14
0.08
COL
20:11:13.1
Δ= 75.7
−0.08
0.09
ANTO
20:11:23.0
Δ= 77.4
−0.09
0.20
KONO
20:12:06.0
Δ= 85.6
−0.20
0.06
GRFO
20:12:23.0
Δ= 89.0
−0.06
0.10
RSNT
20:12:27.9
Δ= 90.0
−0.10
0
1
2
Time (min)

1438


SPZ
09 August 1985 19:59:45.51
SPZ
Luzon, Philippine Islands h=33.0 m_b=5.8 M_{SZ}=6.1
0
1
2
0.12
GDH
20:12:46.0
Δ= 94.0
−0.12
0.02
LON
20:12:53.6
Δ= 95.7
−0.03
0.01
RSSD
20:13:44.0
Δ=107.1
−0.01
0.02
SCP
20:18:18.8
Δ=120.2
−0.03
0.04
RSCP
20:18:23.0
Δ=122.4
−0.04
0.05
BDF
20:19:34.3
Δ=168.5
−0.05
0.14
ZOBO
20:19:36.3
Δ=172.0
−0.14
0
1
2
Time (min)

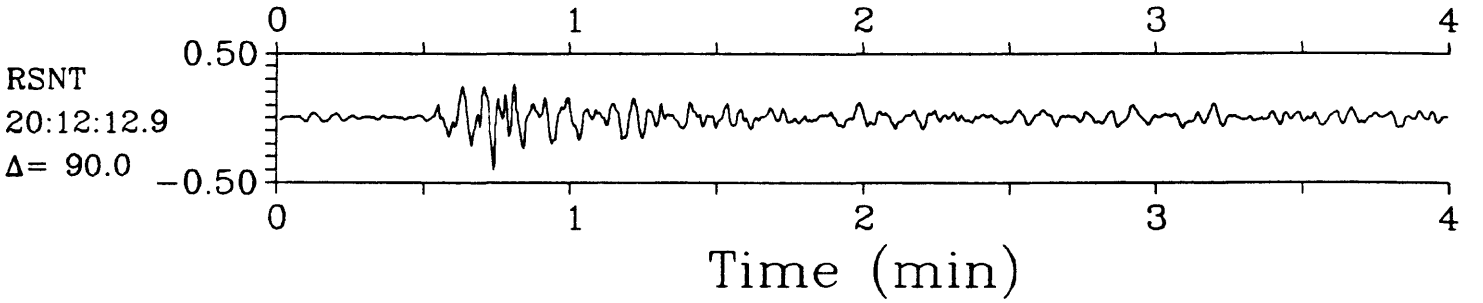

LPZ
09 August 1985 19:59:45.51
LPZ
Luzon, Philippine Islands h=33.0 m_b=5.8 M_{SZ}=6.1
0
10
20
30
40
50
120.0
TATO
20:00:41.5
Δ= 8.1
−120.0
20.0
CHTO
20:03:17.8
Δ= 20.3
−20.0
30.0
GUMO
20:03:57.2
Δ= 24.0
−30.0
20.0
MAJO
20:04:08.8
Δ= 25.2
−20.0
12.0
SHIO
20:04:31.3
Δ= 27.8
−12.0
12.0
CTAO
20:06:56.2
Δ= 44.8
−12.0
12.0
NWAO
20:07:34.1
Δ= 49.6
−12.0
20.0
TAU
20:09:19.6
Δ= 64.5
−20.0
12.0
KEV
20:10:26.4
Δ= 75.4
−12.0
4.0
COL
20:10:28.1
Δ= 75.7
−4.0
0
10
20
30
40
50
Time (min)
1440


LPZ
09 August 1985 19:59:45.51
LPZ
Luzon, Philippine Islands h=33.0 m_b=5.8 M_{SZ}=6.1
0
10
20
30
40
50
HON
20:10:33.1
Δ= 76.6
6.0
-6.0
SNZO
20:10:34.0
Δ= 76.8
14.0
-14.0
ANTO
20:10:38.0
Δ= 77.4
10.0
-10.0
KONO
20:11:21.0
Δ= 85.6
14.0
-14.0
GRFO
20:11:38.0
Δ= 89.0
10.0
-10.0
RSNT
20:11:42.9
Δ= 90.0
4.0
-4.0
GDH
20:12:01.0
Δ= 94.0
7.0
-7.0
LON
20:12:08.6
Δ= 95.7
3.0
-3.0
SLR
20:12:22.6
Δ= 98.8
3.0
-3.0
JAS1
20:12:33.1
Δ=101.2
7.0
-7.0
0
10
20
30
40
50
Time (min)
1441


LPZ
09 August 1985 19:59:45.51
LPZ
Luzon, Philippine Islands h=33.0 m_b=5.8 M_{SZ}=6.1
0
10
20
30
40
50
TOL
20:12:42.4
Δ=103.3
7.0
-7.0
RSON
20:12:55.5
Δ=106.3
6.0
-6.0
RSSD
20:12:59.0
Δ=107.1
3.0
-3.0
ANMO
20:13:21.0
Δ=112.0
5.0
-5.0
GAC
20:13:39.1
Δ=116.1
4.0
-4.0
RSNY
20:13:44.8
Δ=117.4
3.0
-3.0
SCP
20:17:33.8
Δ=120.2
3.0
-3.0
RSCP
20:17:38.0
Δ=122.4
4.0
-4.0
BDF
20:18:49.3
Δ=168.5
2.0
-2.0
ZOBO
20:18:51.3
Δ=172.0
1.0
-1.0
0
10
20
30
40
50
Time (min)
1442

IPZ 09 August 1985 19:59:45.51 IPZ

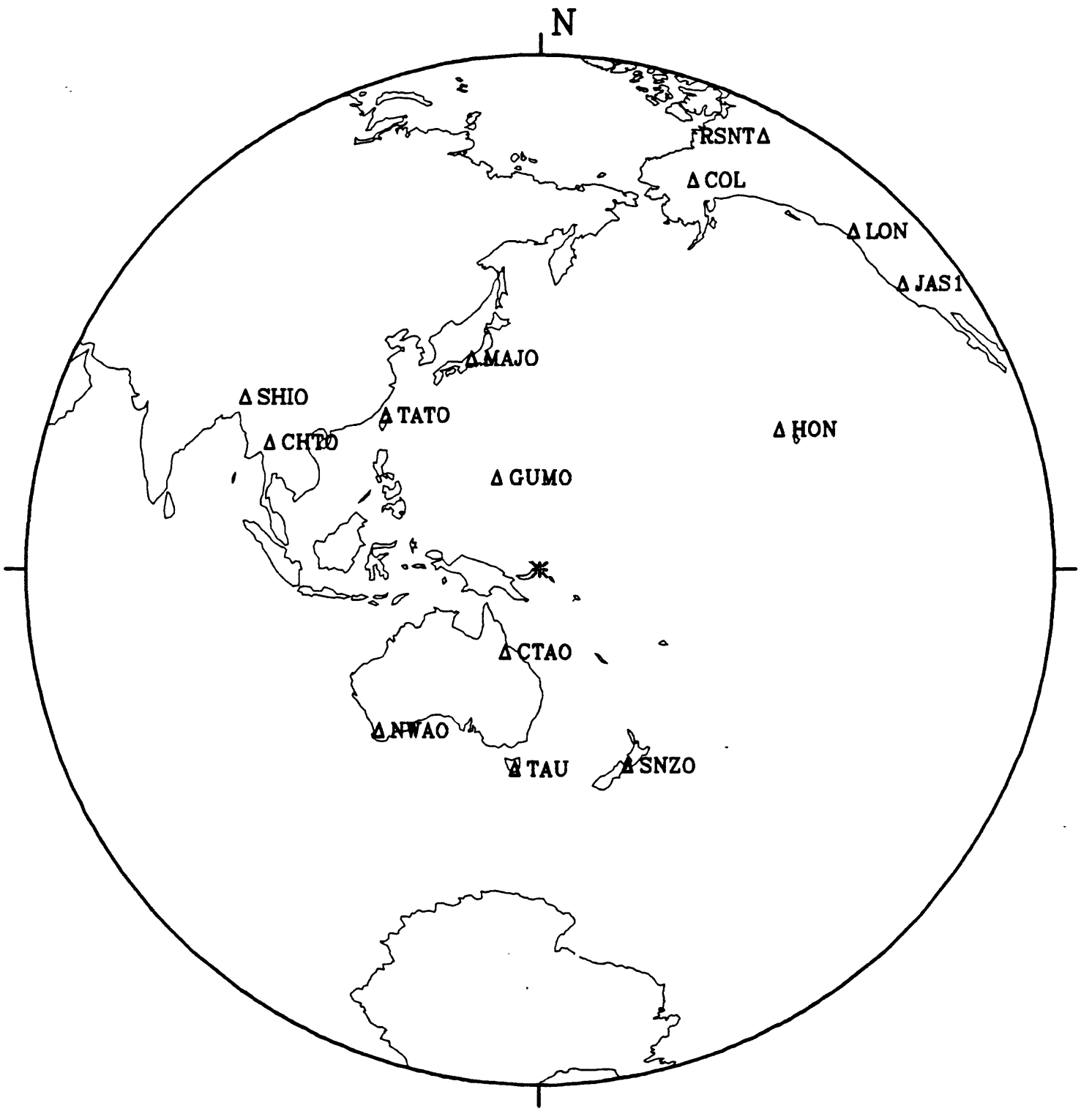
Luzon, Philippine Islands h=33.0 m_b=5.8 M_{SZ}=6.1

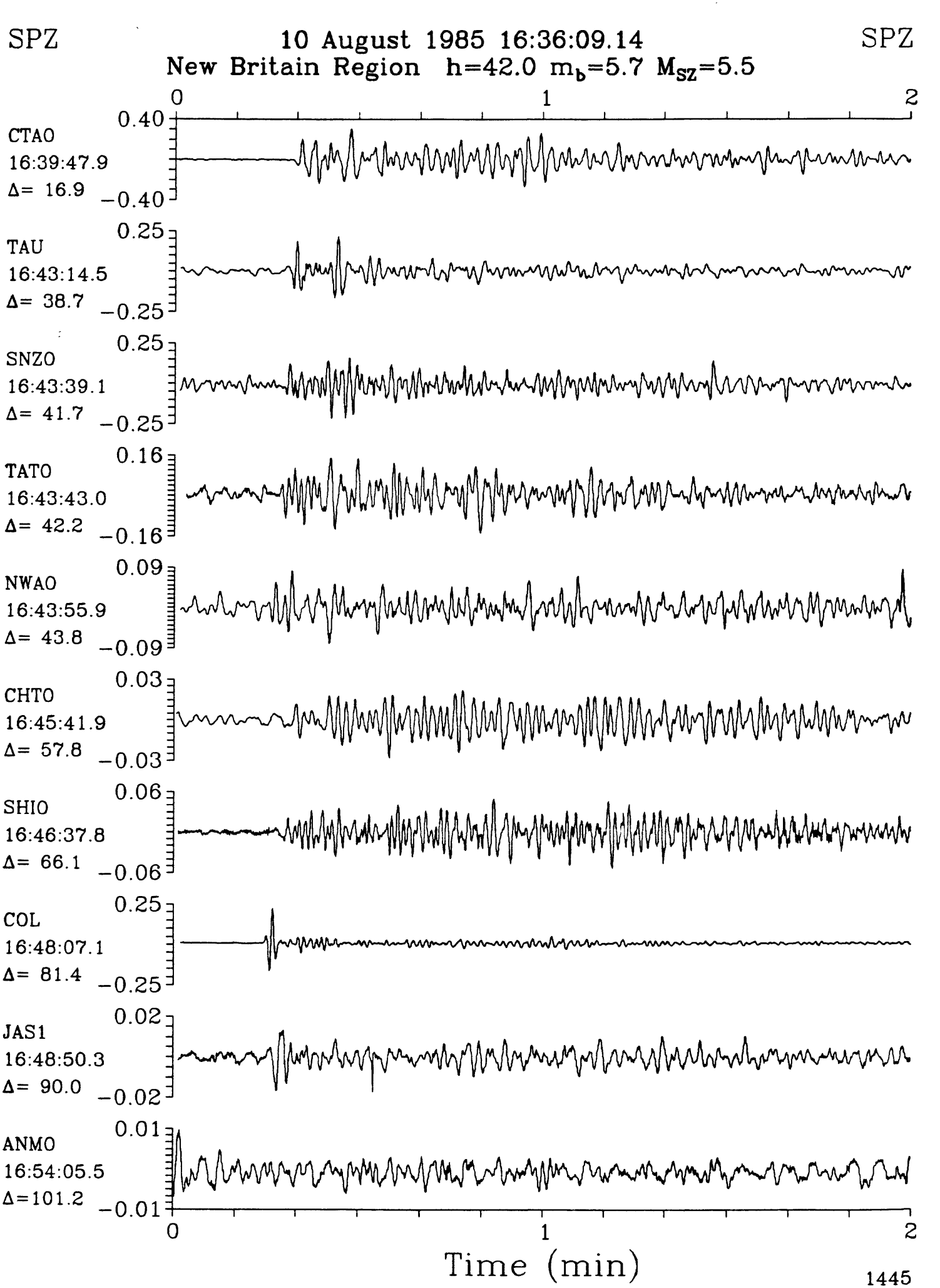


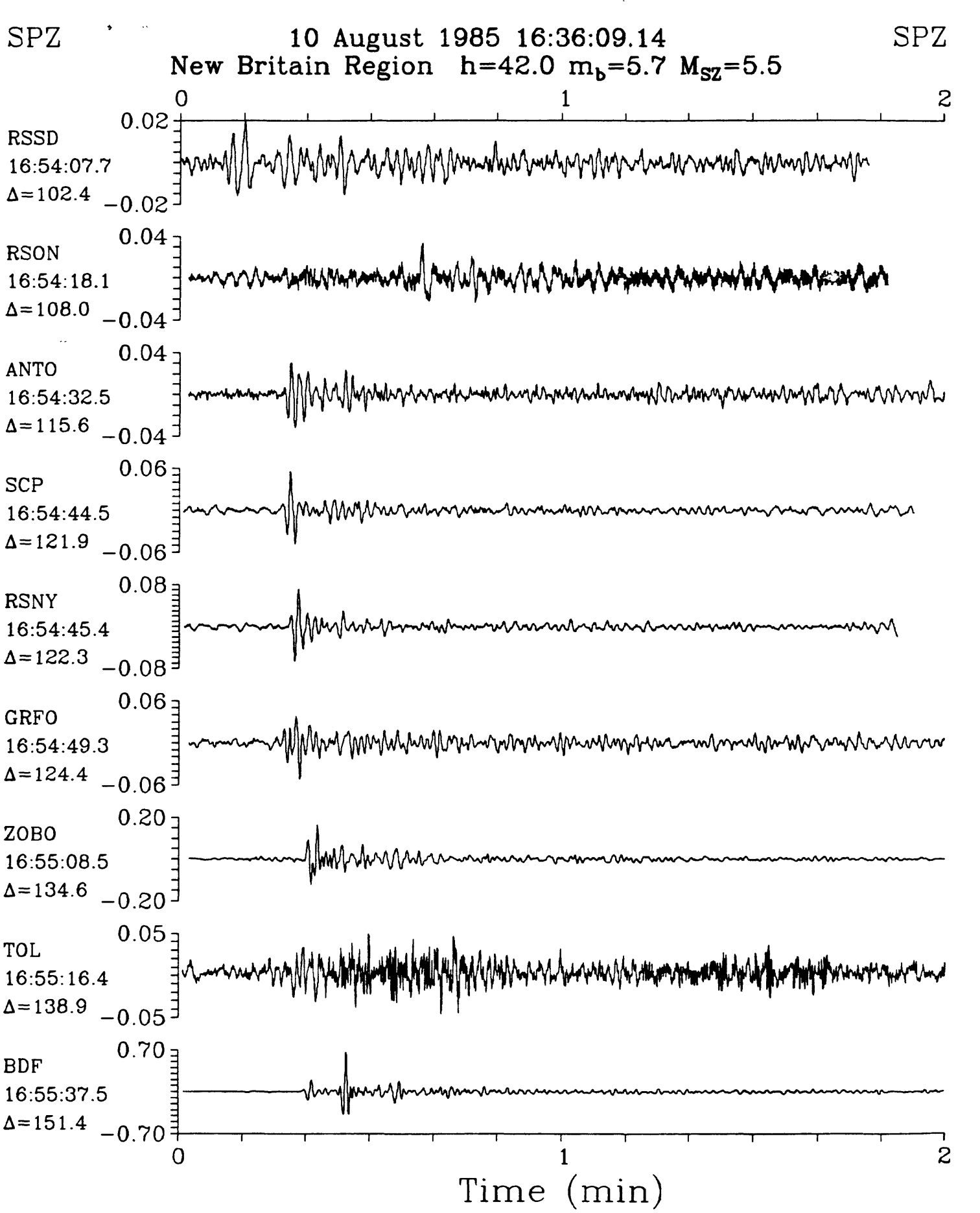
Time (min)

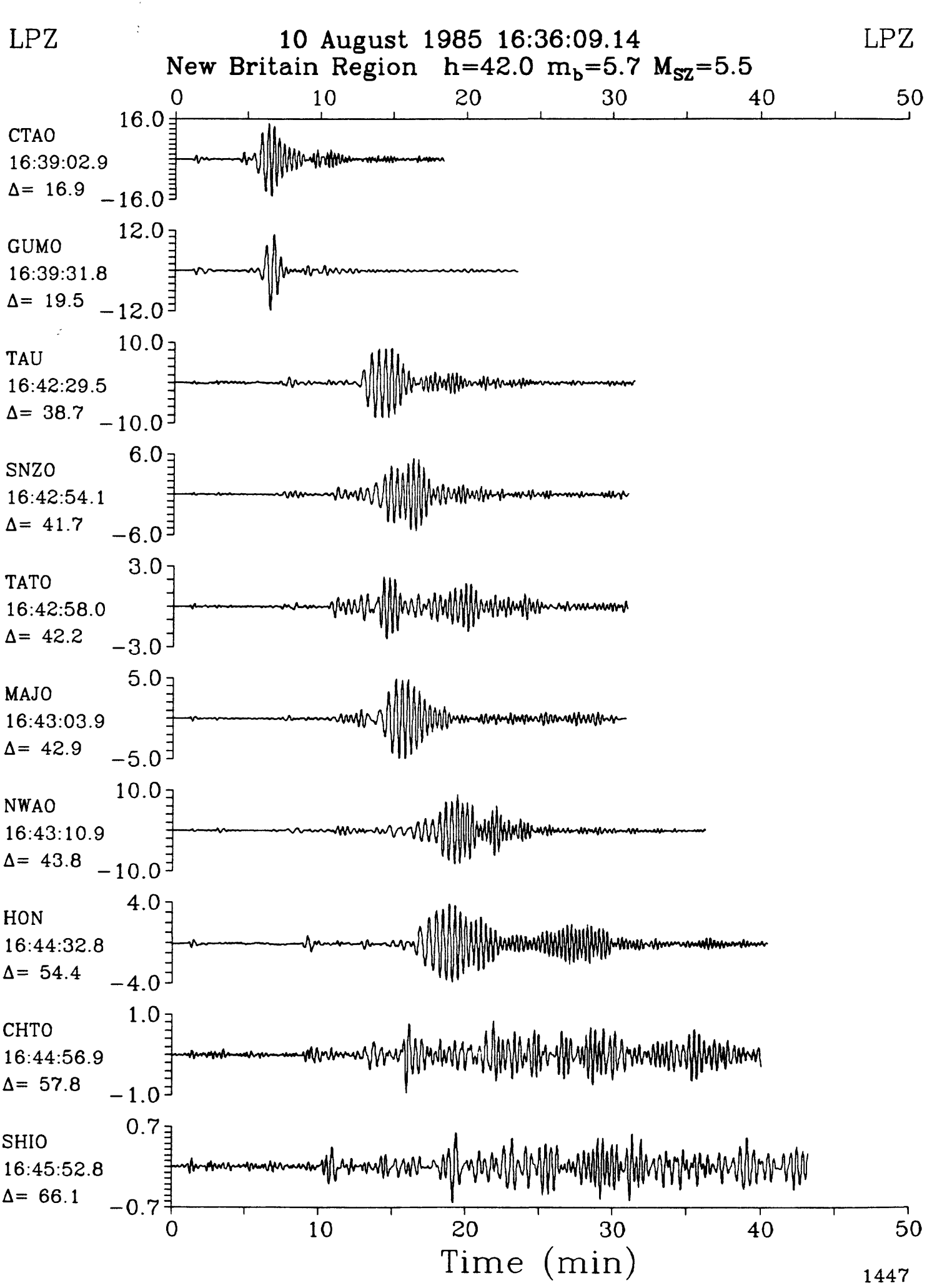
10 August 1985 16:36:09.14

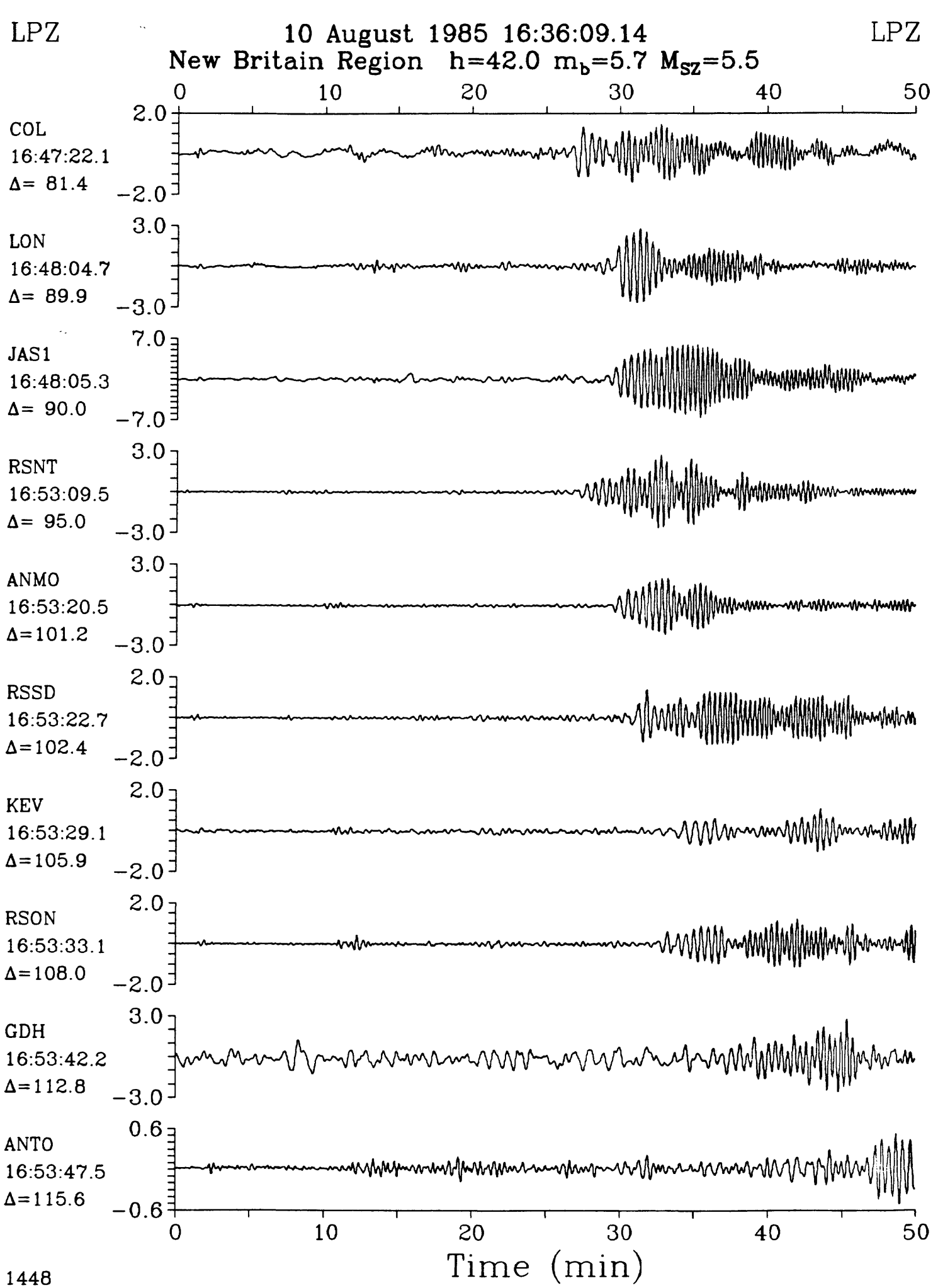
New Britain Region



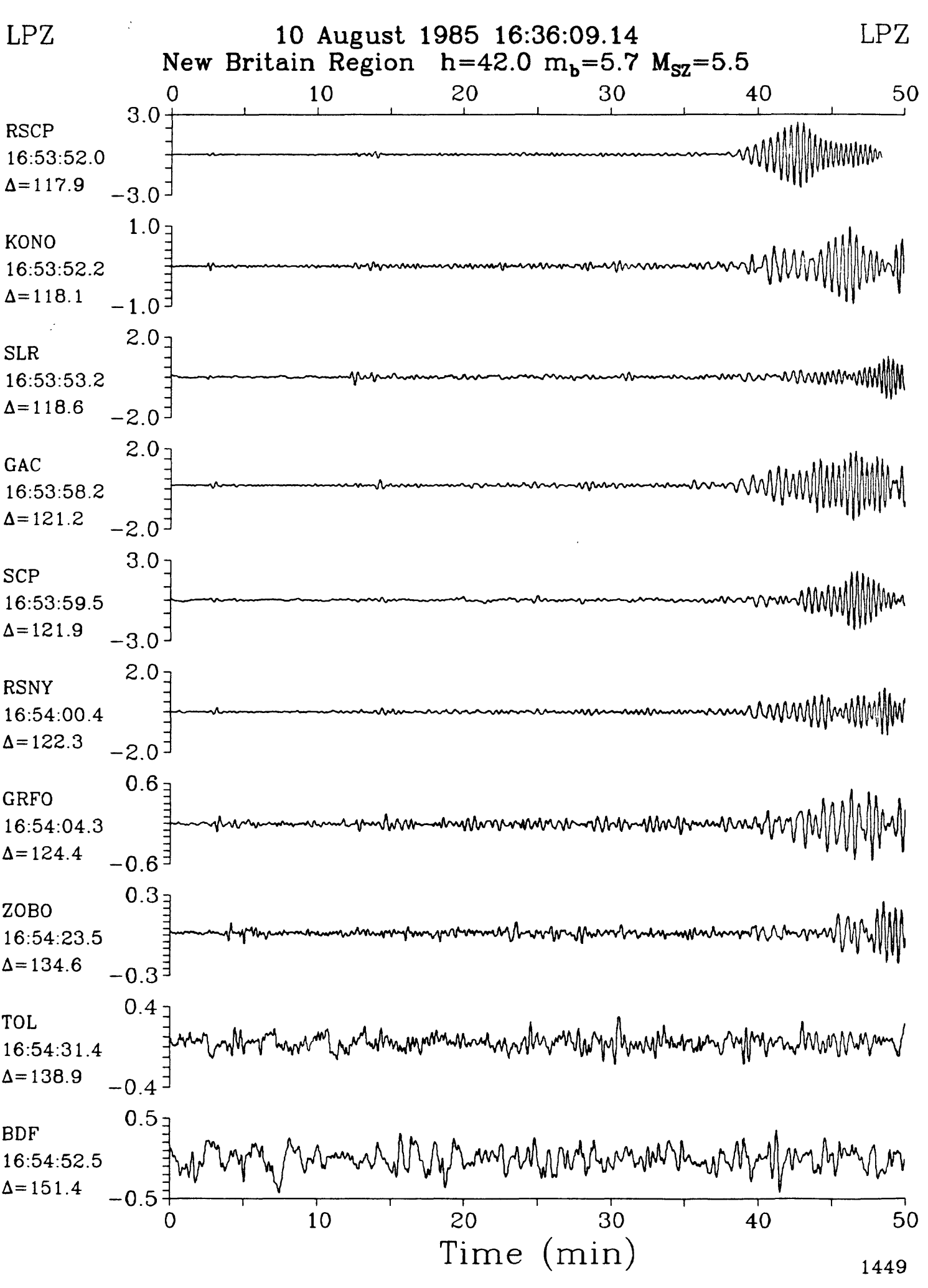

SPZ
10 August 1985 16:36:09.14
New Britain Region h=42.0 m_b=5.7 M_{SZ}=5.5
SPZ
0
1
2
0.40
CTAO
16:39:47.9
Δ= 16.9
−0.40
0.25
TAU
16:43:14.5
Δ= 38.7
−0.25
0.25
SNZO
16:43:39.1
Δ= 41.7
−0.25
0.16
TATO
16:43:43.0
Δ= 42.2
−0.16
0.09
NWAO
16:43:55.9
Δ= 43.8
−0.09
0.03
CHTO
16:45:41.9
Δ= 57.8
−0.03
0.06
SHIO
16:46:37.8
Δ= 66.1
−0.06
0.25
COL
16:48:07.1
Δ= 81.4
−0.25
0.02
JAS1
16:48:50.3
Δ= 90.0
−0.02
0.01
ANMO
16:54:05.5
Δ=101.2
−0.01
0
1
2
Time (min)
1445


SPZ
10 August 1985 16:36:09.14
SPZ
New Britain Region h=42.0 m_b=5.7 M_{SZ}=5.5
0
1
2
0.02
RSSD
16:54:07.7
Δ=102.4
−0.02
0.04
RSON
16:54:18.1
Δ=108.0
−0.04
0.04
ANTO
16:54:32.5
Δ=115.6
−0.04
0.06
SCP
16:54:44.5
Δ=121.9
−0.06
0.08
RSNY
16:54:45.4
Δ=122.3
−0.08
0.06
GRFO
16:54:49.3
Δ=124.4
−0.06
0.20
ZOBO
16:55:08.5
Δ=134.6
−0.20
0.05
TOL
16:55:16.4
Δ=138.9
−0.05
0.70
BDF
16:55:37.5
Δ=151.4
−0.70
0
1
2
Time (min)


LPZ
10 August 1985 16:36:09.14
New Britain Region h=42.0 m_b=5.7 M_{SZ}=5.5
LPZ
0
10
20
30
40
50
CTAO
16:39:02.9
Δ= 16.9
16.0
-16.0
GUMO
16:39:31.8
Δ= 19.5
12.0
-12.0
TAU
16:42:29.5
Δ= 38.7
10.0
-10.0
SNZO
16:42:54.1
Δ= 41.7
6.0
-6.0
TATO
16:42:58.0
Δ= 42.2
3.0
-3.0
MAJO
16:43:03.9
Δ= 42.9
5.0
-5.0
NWAO
16:43:10.9
Δ= 43.8
10.0
-10.0
HON
16:44:32.8
Δ= 54.4
4.0
-4.0
CHTO
16:44:56.9
Δ= 57.8
1.0
-1.0
SHIO
16:45:52.8
Δ= 66.1
0.7
-0.7
0
10
20
30
40
50
Time (min)
1447

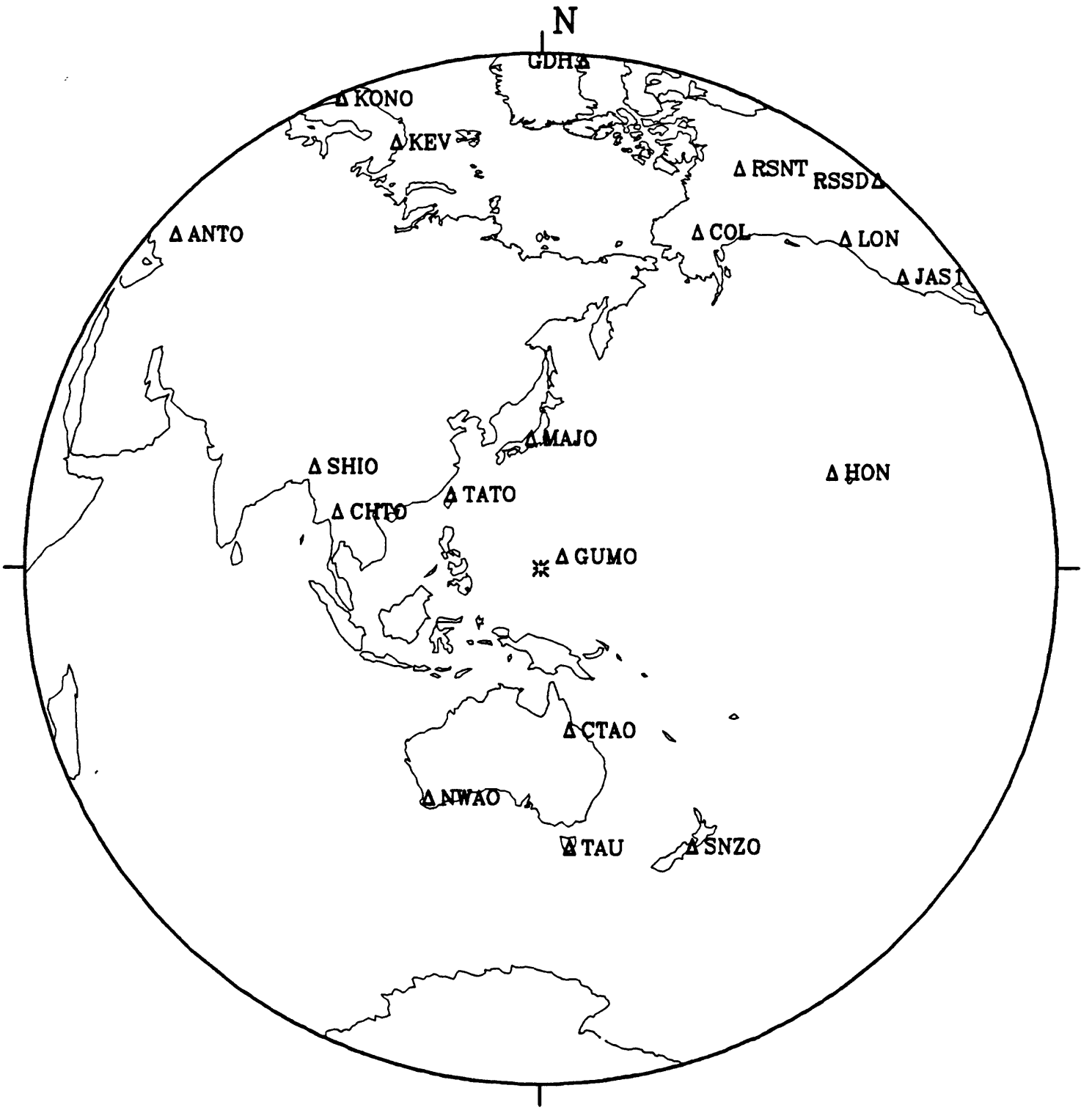

LPZ
10 August 1985 16:36:09.14
LPZ
New Britain Region h=42.0 m_b=5.7 M_{SZ}=5.5
0
10
20
30
40
50
COL
16:47:22.1
Δ= 81.4
2.0
-2.0
LON
16:48:04.7
Δ= 89.9
3.0
-3.0
JAS1
16:48:05.3
Δ= 90.0
7.0
-7.0
RSNT
16:53:09.5
Δ= 95.0
3.0
-3.0
ANMO
16:53:20.5
Δ=101.2
3.0
-3.0
RSSD
16:53:22.7
Δ=102.4
2.0
-2.0
KEV
16:53:29.1
Δ=105.9
2.0
-2.0
RSON
16:53:33.1
Δ=108.0
2.0
-2.0
GDH
16:53:42.2
Δ=112.8
3.0
-3.0
ANTO
16:53:47.5
Δ=115.6
0.6
-0.6
0
10
20
30
40
50
Time (min)

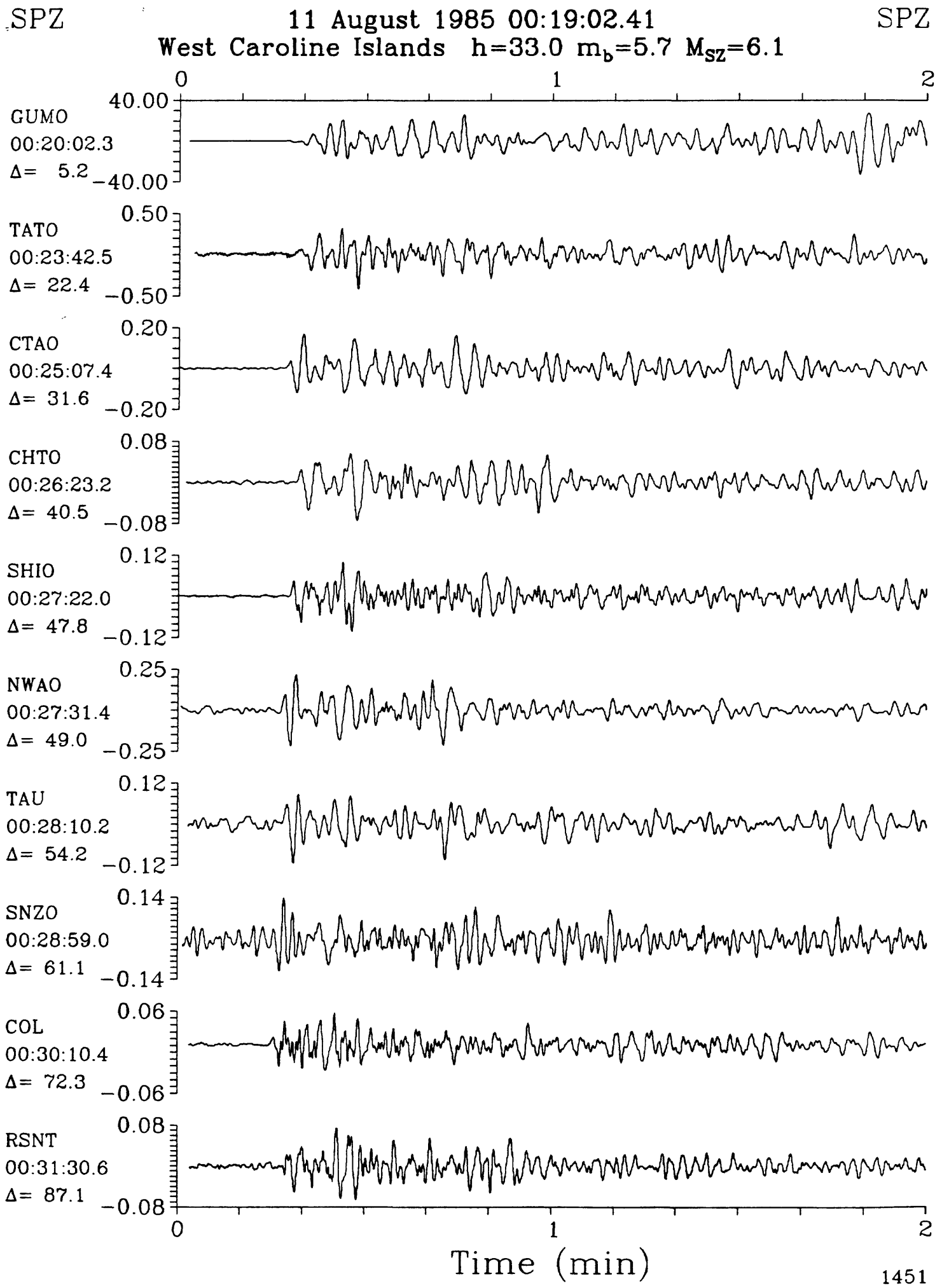
1448


LPZ
10 August 1985 16:36:09.14
New Britain Region h=42.0 m_b=5.7 M_{SZ}=5.5
LPZ
0
10
20
30
40
50
RSCP
16:53:52.0
Δ=117.9
3.0
-3.0
KONO
16:53:52.2
Δ=118.1
1.0
-1.0
SLR
16:53:53.2
Δ=118.6
2.0
-2.0
GAC
16:53:58.2
Δ=121.2
2.0
-2.0
SCP
16:53:59.5
Δ=121.9
3.0
-3.0
RSNY
16:54:00.4
Δ=122.3
2.0
-2.0
GRFO
16:54:04.3
Δ=124.4
0.6
-0.6
ZOBO
16:54:23.5
Δ=134.6
0.3
-0.3
TOL
16:54:31.4
Δ=138.9
0.4
-0.4
BDF
16:54:52.5
Δ=151.4
0.5
-0.5
0
10
20
30
40
50
Time (min)
1449

11 August 1985 00:19:02.41

West Caroline Islands



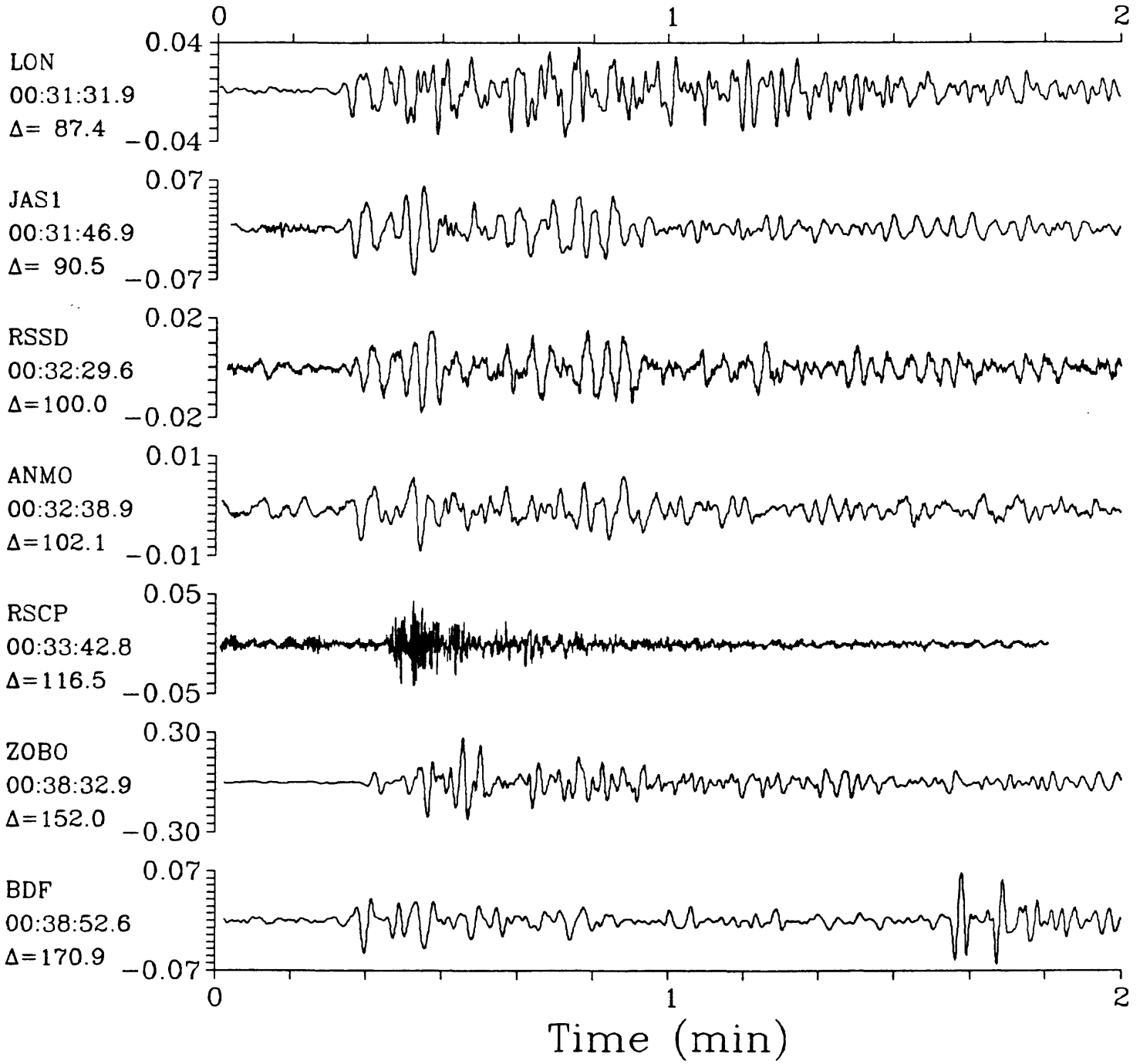

SPZ
11 August 1985 00:19:02.41
West Caroline Islands h=33.0 m_b=5.7 M_{SZ}=6.1
SPZ
0
1
2
GUMO
00:20:02.3
Δ= 5.2
40.00
-40.00
TATO
00:23:42.5
Δ= 22.4
0.50
-0.50
CTAO
00:25:07.4
Δ= 31.6
0.20
-0.20
CHTO
00:26:23.2
Δ= 40.5
0.08
-0.08
SHIO
00:27:22.0
Δ= 47.8
0.12
-0.12
NWAO
00:27:31.4
Δ= 49.0
0.25
-0.25
TAU
00:28:10.2
Δ= 54.2
0.12
-0.12
SNZO
00:28:59.0
Δ= 61.1
0.14
-0.14
COL
00:30:10.4
Δ= 72.3
0.06
-0.06
RSNT
00:31:30.6
Δ= 87.1
0.08
-0.08
0
1
2
Time (min)
1451

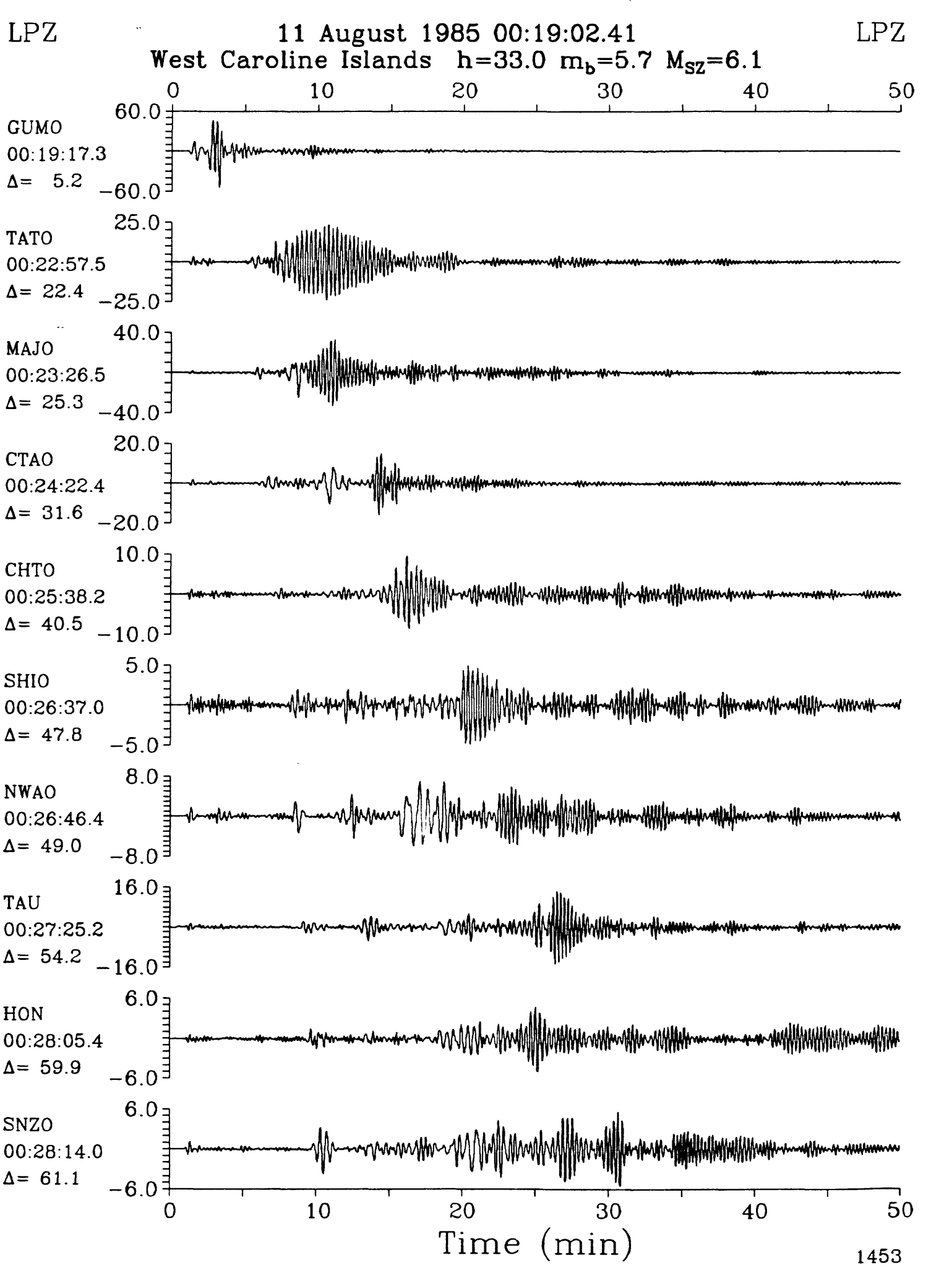
SPZ

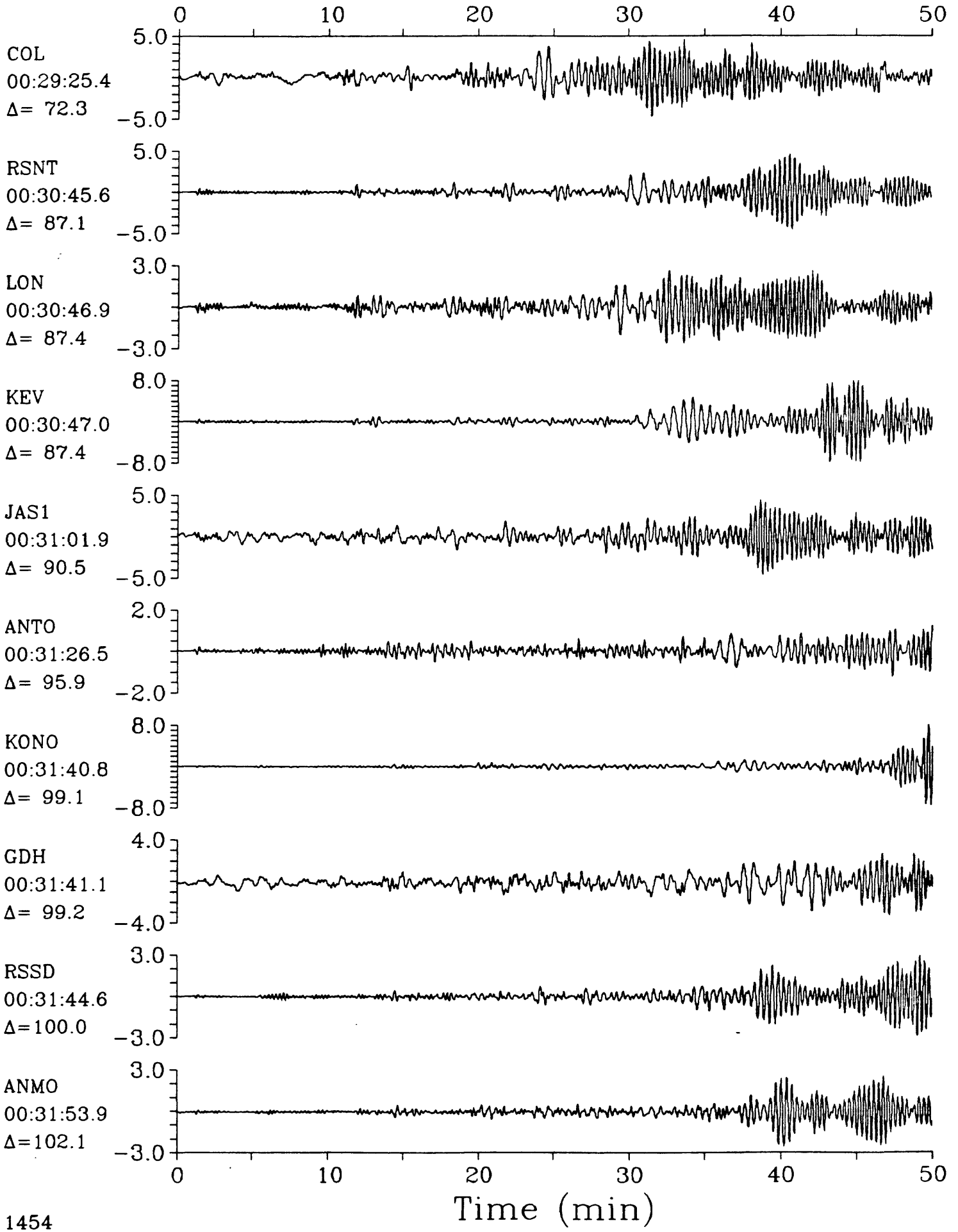
11 August 1985 00:19:02.41

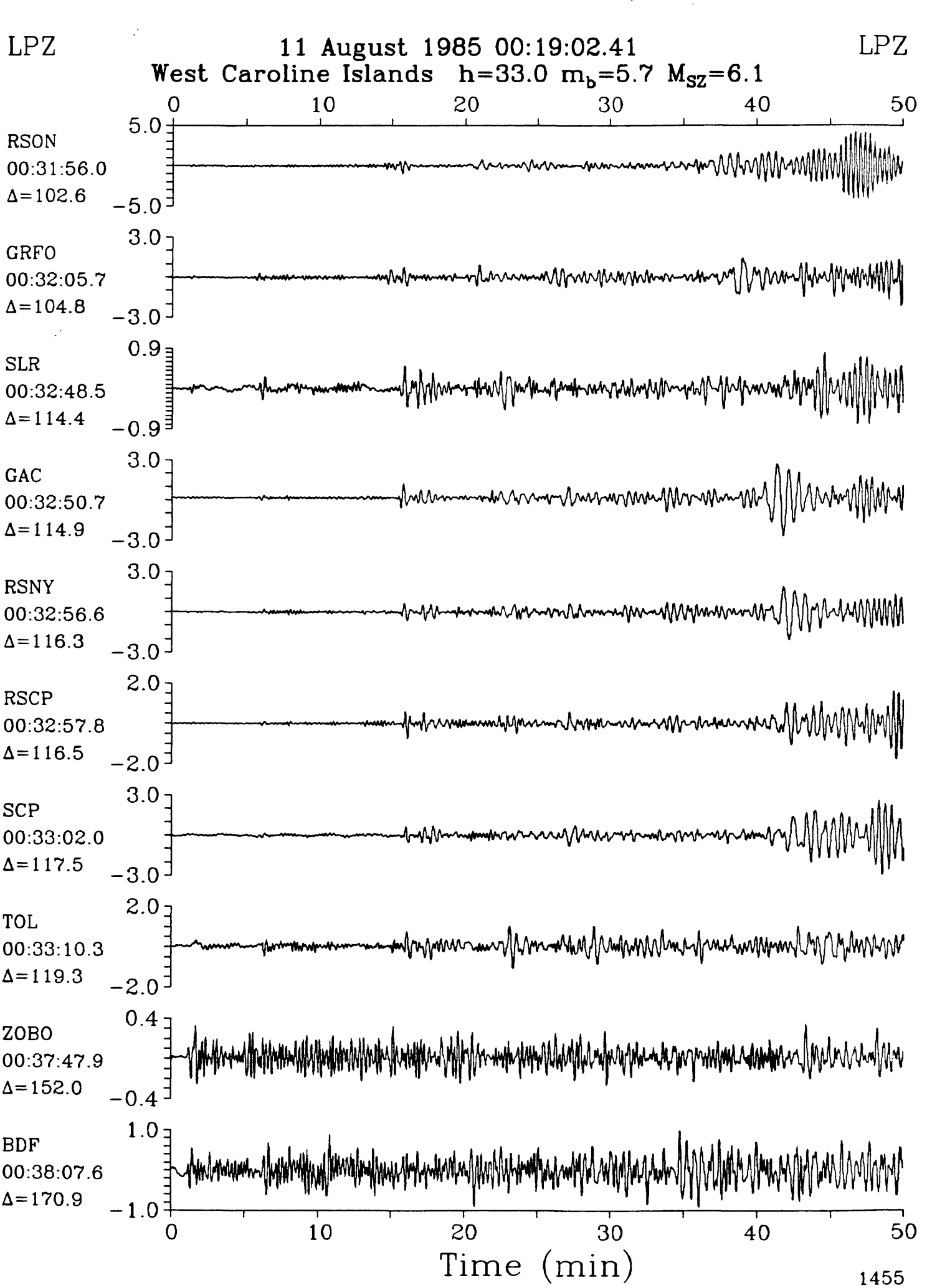
SPZ

West Caroline Islands h=33.0 m_b=5.7 M_{SZ}=6.1



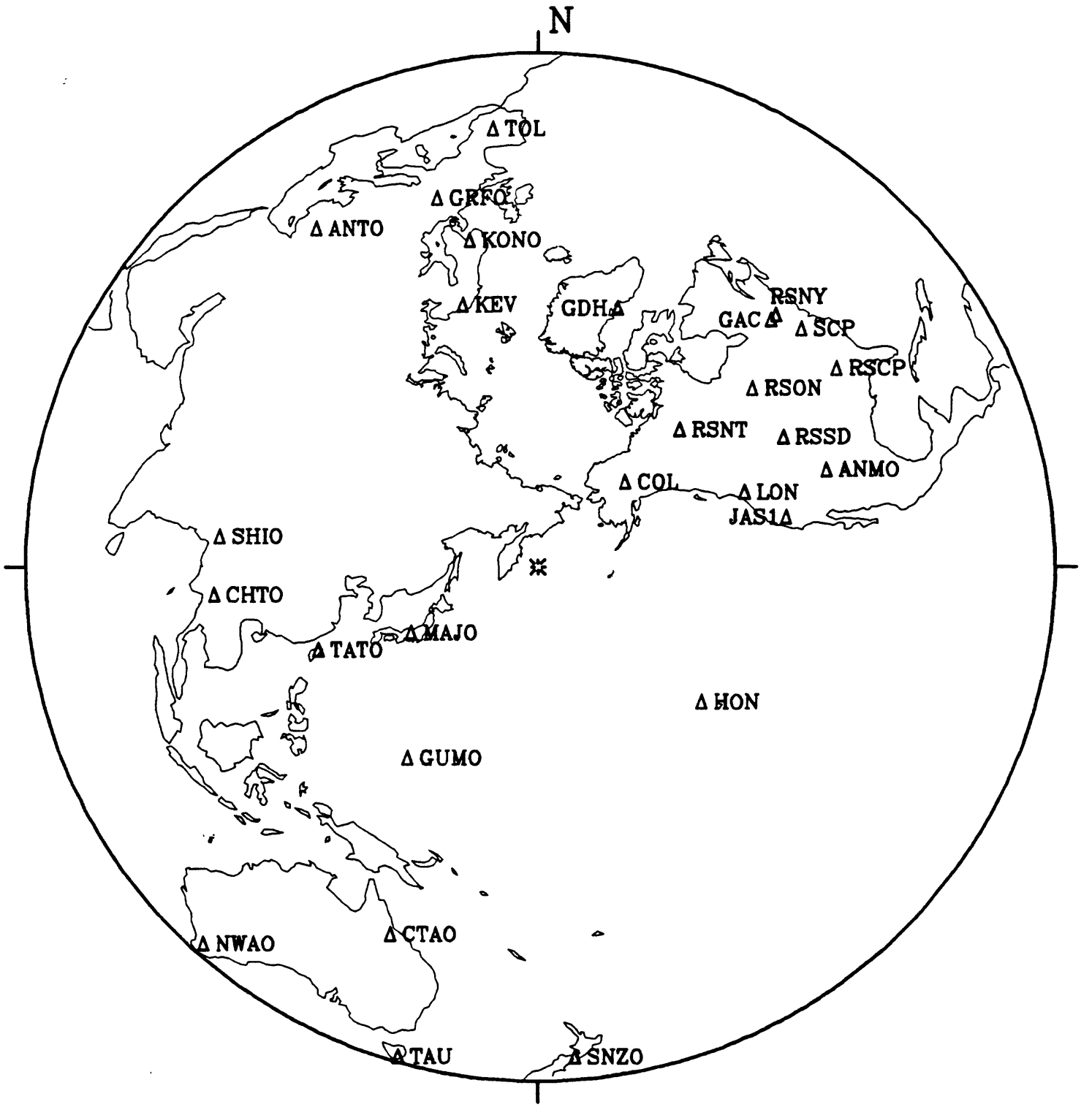

LPZ
11 August 1985 00:19:02.41
LPZ
West Caroline Islands h=33.0 m_b=5.7 M_{SZ}=6.1
0
10
20
30
40
50
GUMO
00:19:17.3
Δ= 5.2
60.0
-60.0
TATO
00:22:57.5
Δ= 22.4
25.0
-25.0
MAJO
00:23:26.5
Δ= 25.3
40.0
-40.0
CTAO
00:24:22.4
Δ= 31.6
20.0
-20.0
CHTO
00:25:38.2
Δ= 40.5
10.0
-10.0
SHIO
00:26:37.0
Δ= 47.8
5.0
-5.0
NWAO
00:26:46.4
Δ= 49.0
8.0
-8.0
TAU
00:27:25.2
Δ= 54.2
16.0
-16.0
HON
00:28:05.4
Δ= 59.9
6.0
-6.0
SNZO
00:28:14.0
Δ= 61.1
6.0
-6.0
0
10
20
30
40
50
Time (min)
1453

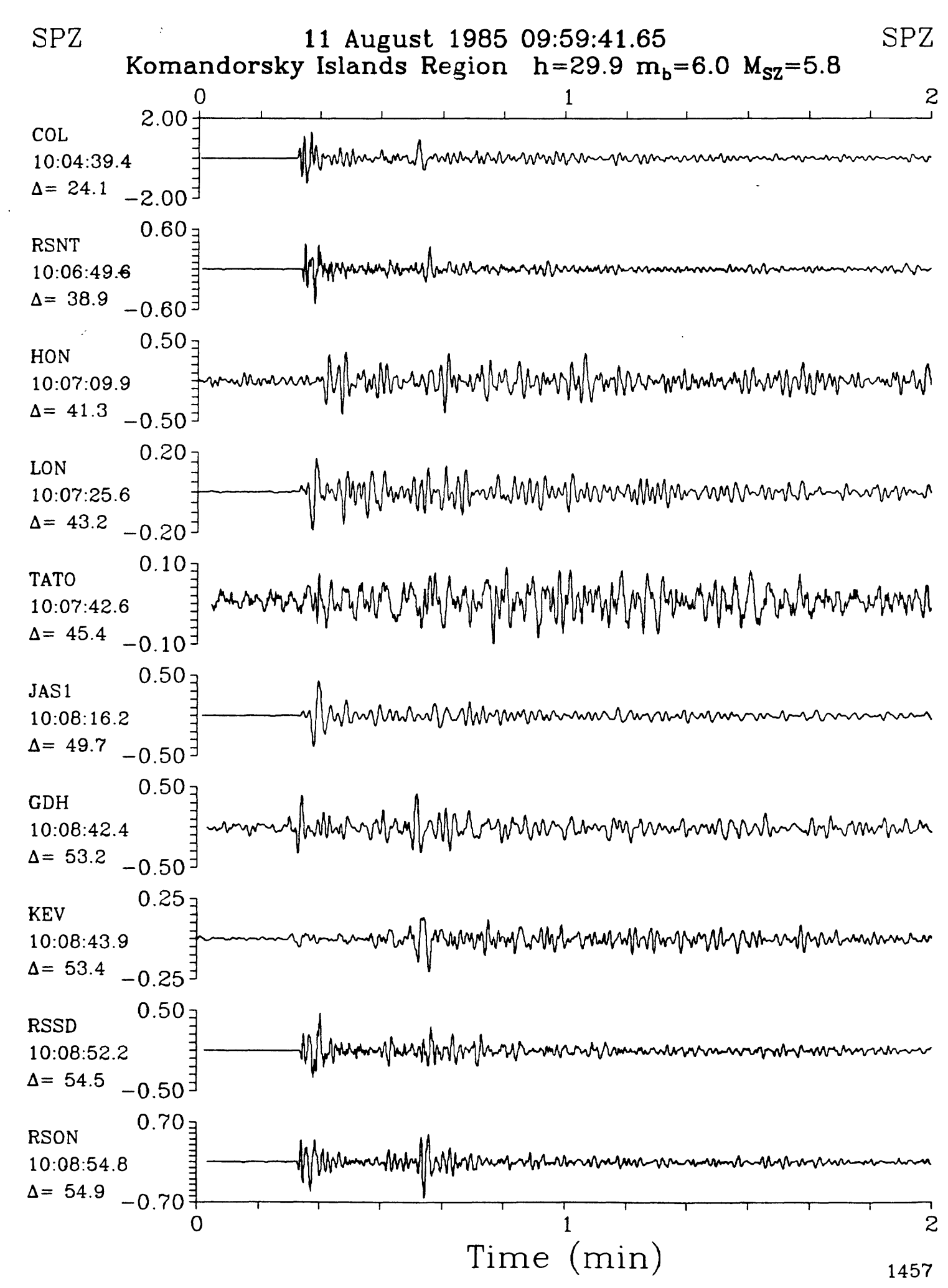

LPZ
11 August 1985 00:19:02.41
West Caroline Islands h=33.0 m_b=5.7 M_{SZ}=6.1
LPZ
0
10
20
30
40
50
COL
00:29:25.4
Δ= 72.3
5.0
-5.0
RSNT
00:30:45.6
Δ= 87.1
5.0
-5.0
LON
00:30:46.9
Δ= 87.4
3.0
-3.0
KEV
00:30:47.0
Δ= 87.4
8.0
-8.0
JAS1
00:31:01.9
Δ= 90.5
5.0
-5.0
ANTO
00:31:26.5
Δ= 95.9
2.0
-2.0
KONO
00:31:40.8
Δ= 99.1
8.0
-8.0
GDH
00:31:41.1
Δ= 99.2
4.0
-4.0
RSSD
00:31:44.6
Δ=100.0
3.0
-3.0
ANMO
00:31:53.9
Δ=102.1
3.0
-3.0
0
10
20
30
40
50
Time (min)

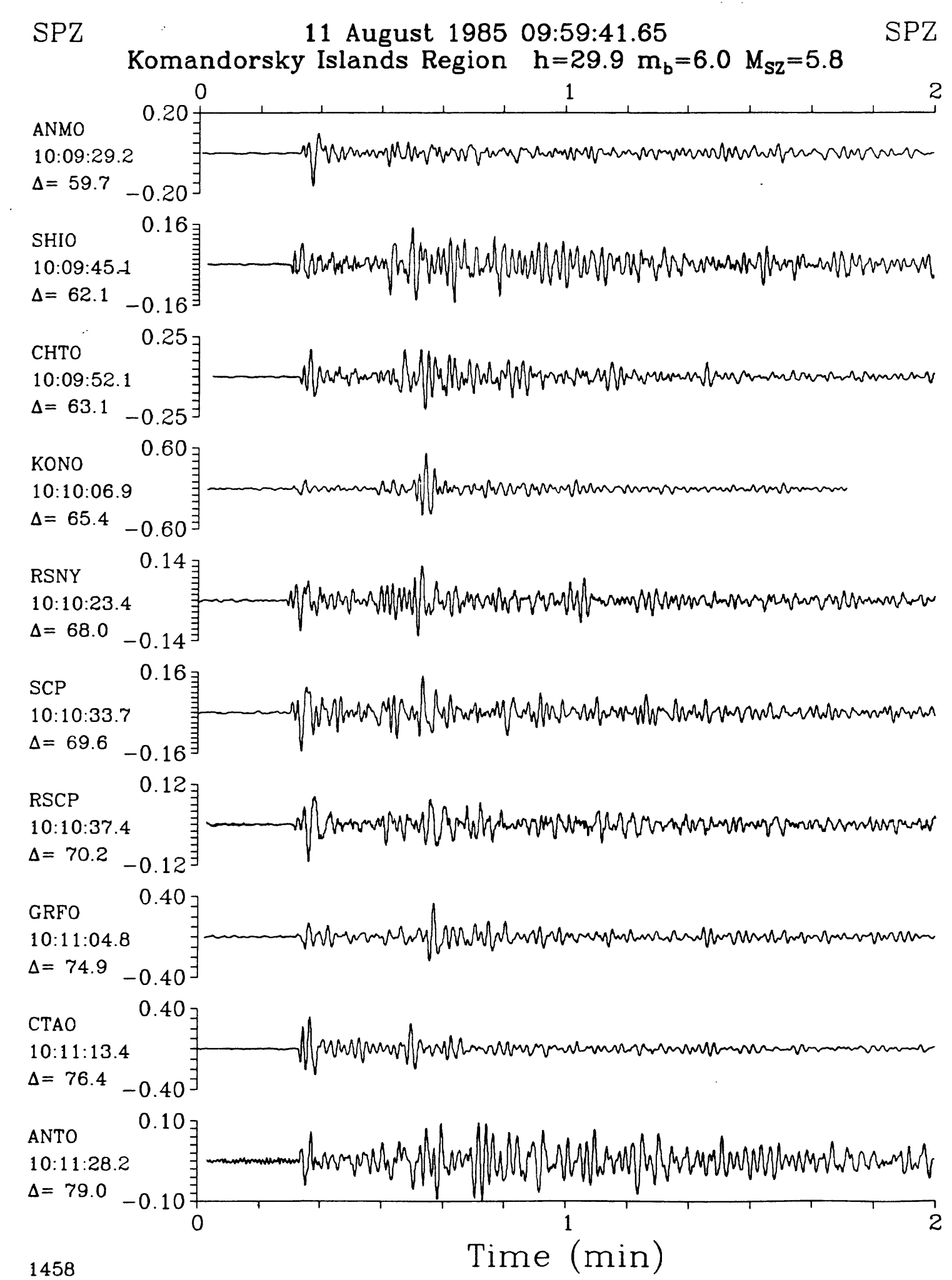

LPZ
11 August 1985 00:19:02.41
West Caroline Islands h=33.0 m_b=5.7 M_{SZ}=6.1
LPZ
0
10
20
30
40
50
RSON
00:31:56.0
Δ=102.6
5.0
-5.0
GRFO
00:32:05.7
Δ=104.8
3.0
-3.0
SLR
00:32:48.5
Δ=114.4
0.9
-0.9
GAC
00:32:50.7
Δ=114.9
3.0
-3.0
RSNY
00:32:56.6
Δ=116.3
3.0
-3.0
RSCP
00:32:57.8
Δ=116.5
2.0
-2.0
SCP
00:33:02.0
Δ=117.5
3.0
-3.0
TOL
00:33:10.3
Δ=119.3
2.0
-2.0
ZOBO
00:37:47.9
Δ=152.0
0.4
-0.4
BDF
00:38:07.6
Δ=170.9
1.0
-1.0
0
10
20
30
40
50
Time (min)
1455

11 August 1985 09:59:41.65

Komandorsky Islands Region

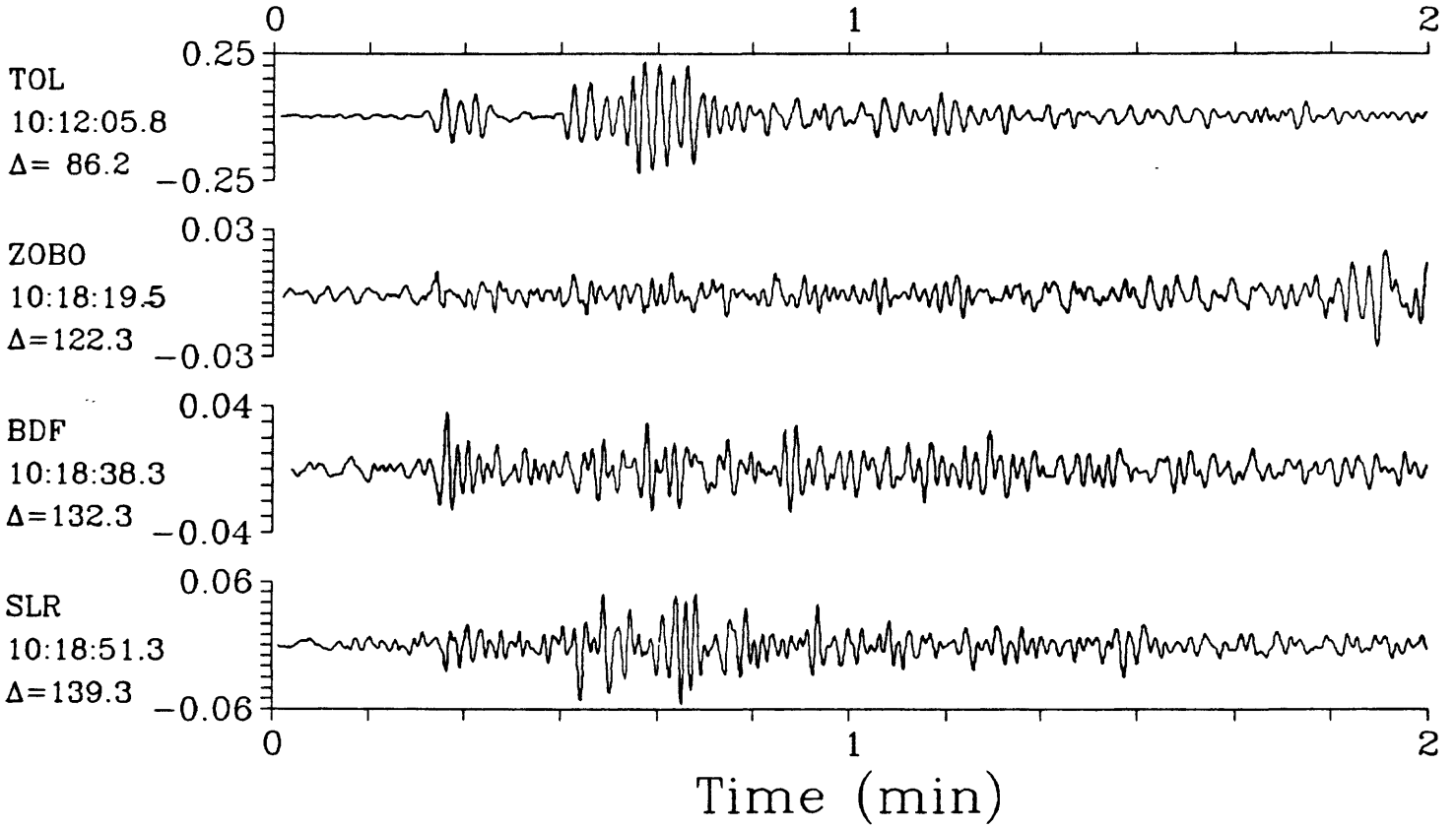


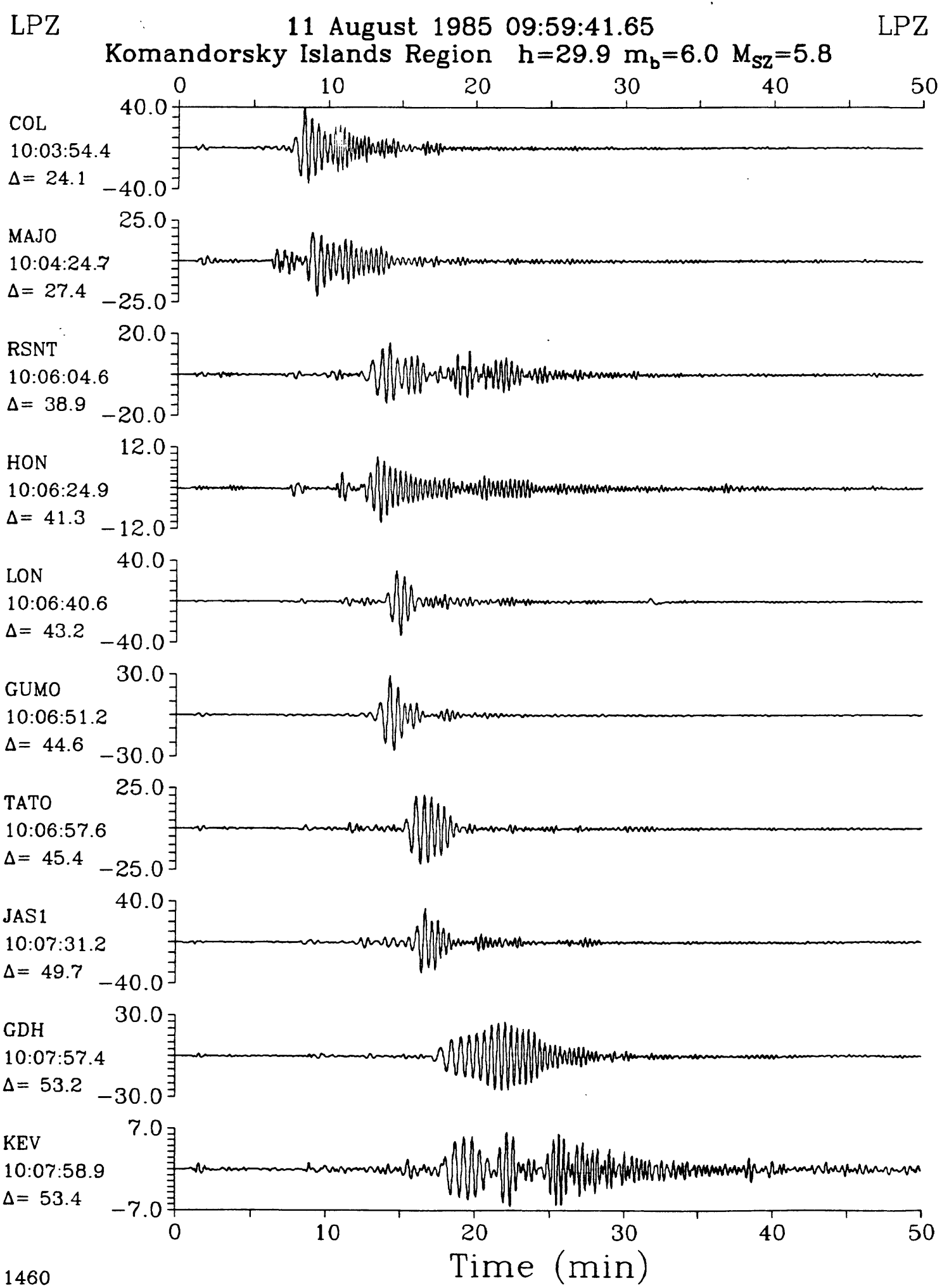

SPZ
11 August 1985 09:59:41.65
SPZ
Komandorsky Islands Region h=29.9 m_b=6.0 M_{SZ}=5.8
0
1
2
2.00
COL
10:04:39.4
Δ= 24.1
-2.00
0.60
RSNT
10:06:49.6
Δ= 38.9
-0.60
0.50
HON
10:07:09.9
Δ= 41.3
-0.50
0.20
LON
10:07:25.6
Δ= 43.2
-0.20
0.10
TATO
10:07:42.6
Δ= 45.4
-0.10
0.50
JAS1
10:08:16.2
Δ= 49.7
-0.50
0.50
GDH
10:08:42.4
Δ= 53.2
-0.50
0.25
KEV
10:08:43.9
Δ= 53.4
-0.25
0.50
RSSD
10:08:52.2
Δ= 54.5
-0.50
0.70
RSON
10:08:54.8
Δ= 54.9
-0.70
0
1
2
Time (min)
1457

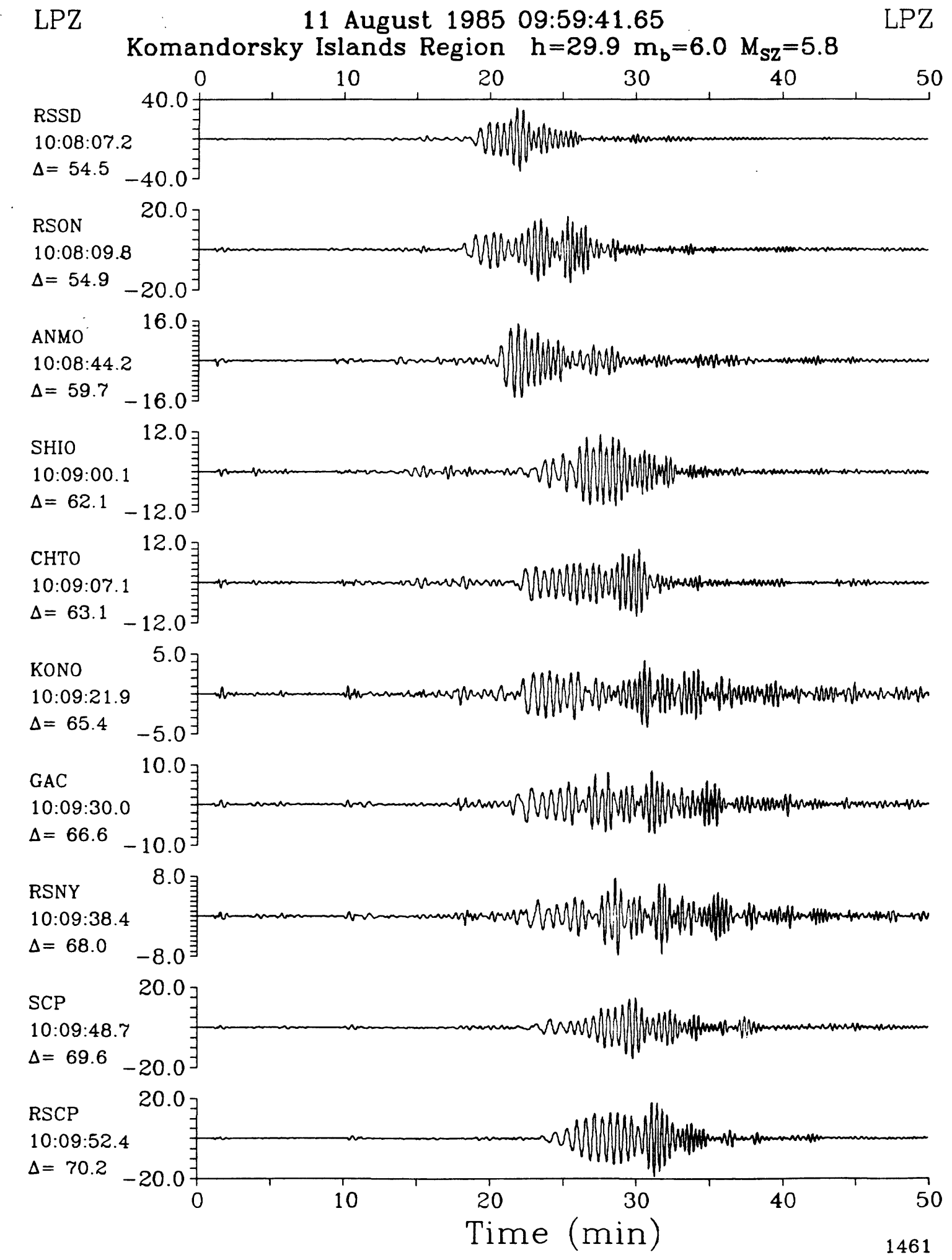

SPZ
11 August 1985 09:59:41.65
SPZ
Komandorsky Islands Region h=29.9 m_b=6.0 M_{SZ}=5.8
0
1
2
0.20
ANMO
10:09:29.2
Δ= 59.7
−0.20
0.16
SHIO
10:09:45.1
Δ= 62.1
−0.16
0.25
CHTO
10:09:52.1
Δ= 63.1
−0.25
0.60
KONO
10:10:06.9
Δ= 65.4
−0.60
0.14
RSNY
10:10:23.4
Δ= 68.0
−0.14
0.16
SCP
10:10:33.7
Δ= 69.6
−0.16
0.12
RSCP
10:10:37.4
Δ= 70.2
−0.12
0.40
GRFO
10:11:04.8
Δ= 74.9
−0.40
0.40
CTAO
10:11:13.4
Δ= 76.4
−0.40
0.10
ANTO
10:11:28.2
Δ= 79.0
−0.10
0
1
2
Time (min)
1458

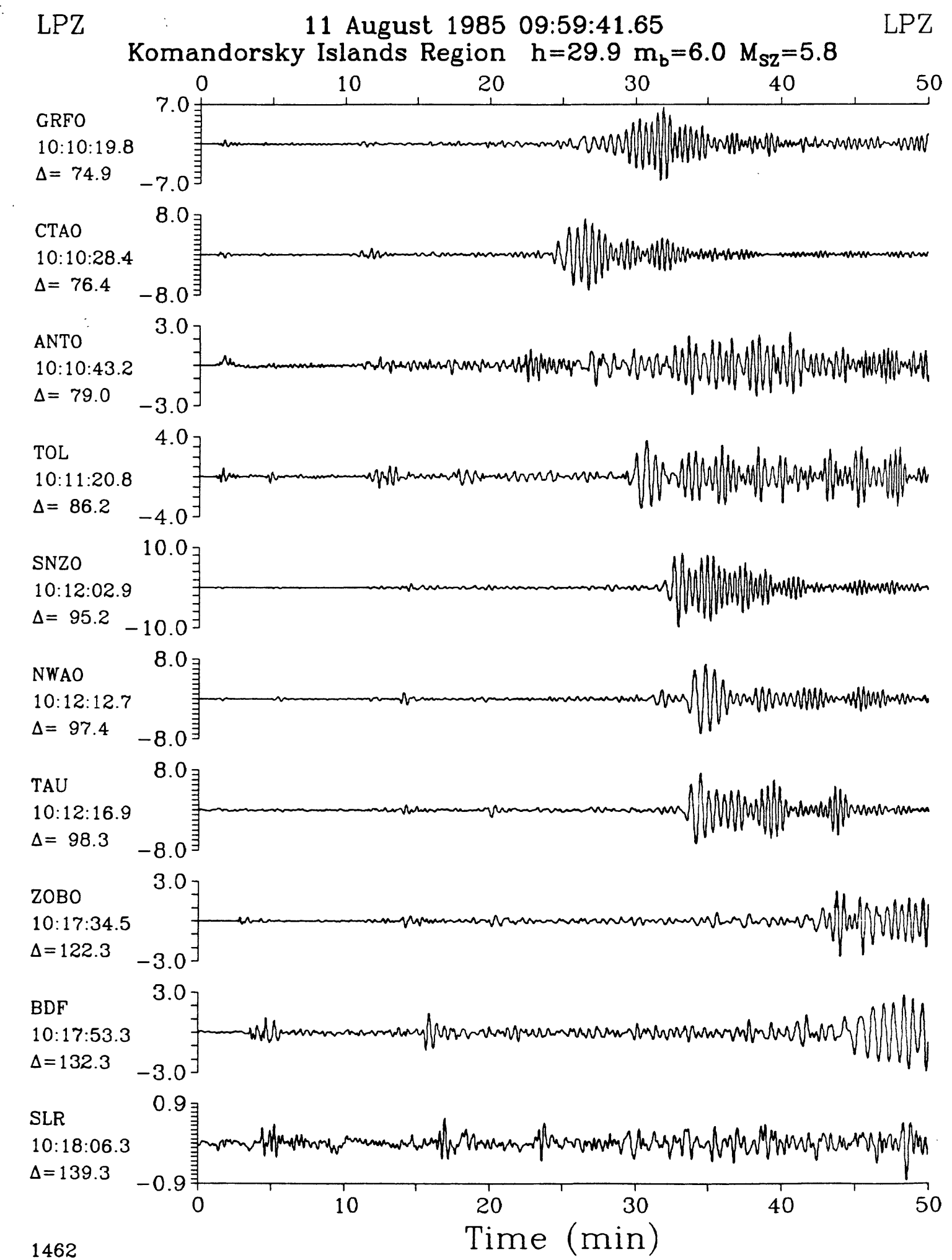
SPZ 11 August 1985 09:59:41.65 SPZ

Komandorsky Islands Region h=29.9 m_b=6.0 M_{SZ}=5.8




LPZ
11 August 1985 09:59:41.65
LPZ
Komandorsky Islands Region h=29.9 m_b=6.0 M_{SZ}=5.8
0
10
20
30
40
50
COL
10:03:54.4
Δ= 24.1
40.0
-40.0
MAJO
10:04:24.7
Δ= 27.4
25.0
-25.0
RSNT
10:06:04.6
Δ= 38.9
20.0
-20.0
HON
10:06:24.9
Δ= 41.3
12.0
-12.0
LON
10:06:40.6
Δ= 43.2
40.0
-40.0
GUMO
10:06:51.2
Δ= 44.6
30.0
-30.0
TATO
10:06:57.6
Δ= 45.4
25.0
-25.0
JAS1
10:07:31.2
Δ= 49.7
40.0
-40.0
GDH
10:07:57.4
Δ= 53.2
30.0
-30.0
KEV
10:07:58.9
Δ= 53.4
7.0
-7.0
0
10
20
30
40
50
Time (min)

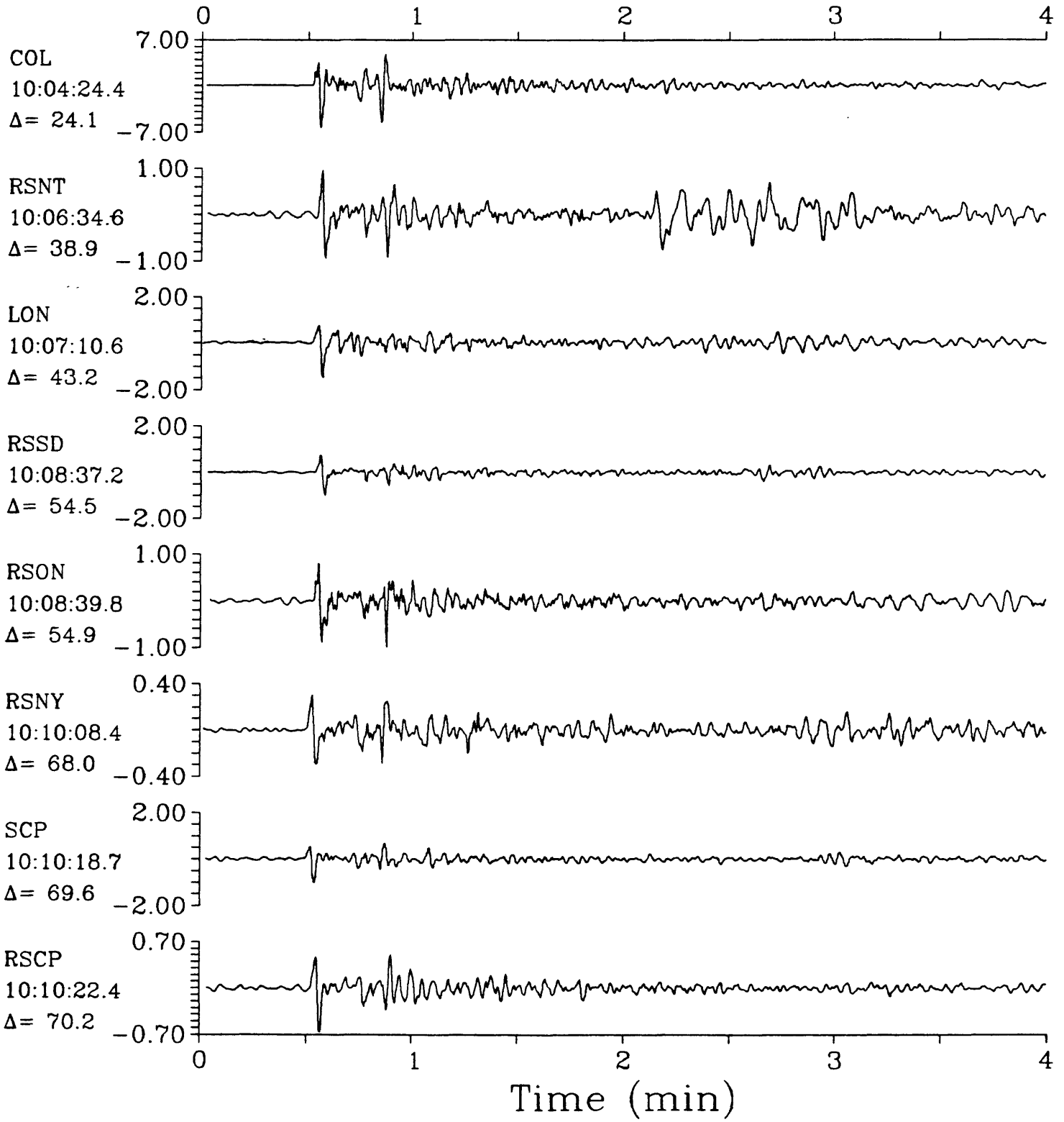

LPZ
11 August 1985 09:59:41.65
LPZ
Komandorsky Islands Region h=29.9 m_b=6.0 M_{SZ}=5.8
0
10
20
30
40
50
RSSD
10:08:07.2
Δ= 54.5
40.0
-40.0
RSON
10:08:09.8
Δ= 54.9
20.0
-20.0
ANMO
10:08:44.2
Δ= 59.7
16.0
-16.0
SHIO
10:09:00.1
Δ= 62.1
12.0
-12.0
CHTO
10:09:07.1
Δ= 63.1
12.0
-12.0
KONO
10:09:21.9
Δ= 65.4
5.0
-5.0
GAC
10:09:30.0
Δ= 66.6
10.0
-10.0
RSNY
10:09:38.4
Δ= 68.0
8.0
-8.0
SCP
10:09:48.7
Δ= 69.6
20.0
-20.0
RSCP
10:09:52.4
Δ= 70.2
20.0
-20.0
0
10
20
30
40
50
Time (min)
1461


LPZ
11 August 1985 09:59:41.65
LPZ
Komandorsky Islands Region h=29.9 m_b=6.0 M_{SZ}=5.8
0
10
20
30
40
50
GRFO
10:10:19.8
Δ= 74.9
7.0
-7.0
CTAO
10:10:28.4
Δ= 76.4
8.0
-8.0
ANTO
10:10:43.2
Δ= 79.0
3.0
-3.0
TOL
10:11:20.8
Δ= 86.2
4.0
-4.0
SNZO
10:12:02.9
Δ= 95.2
10.0
-10.0
NWAO
10:12:12.7
Δ= 97.4
8.0
-8.0
TAU
10:12:16.9
Δ= 98.3
8.0
-8.0
ZOBO
10:17:34.5
Δ=122.3
3.0
-3.0
BDF
10:17:53.3
Δ=132.3
3.0
-3.0
SLR
10:18:06.3
Δ=139.3
0.9
-0.9
0
10
20
30
40
50
Time (min)

1462

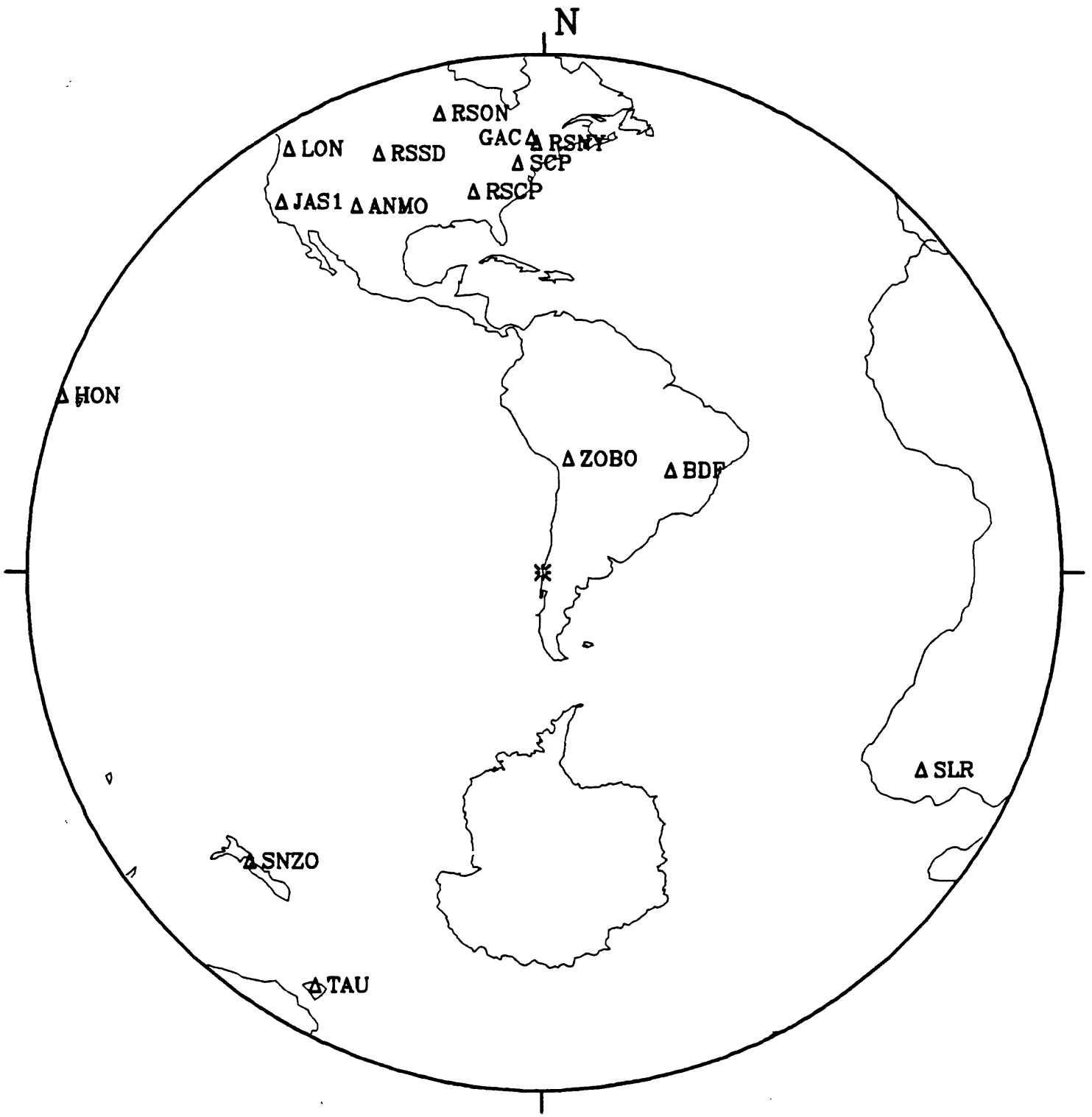
IPZ 11 August 1985 09:59:41.65 IPZ

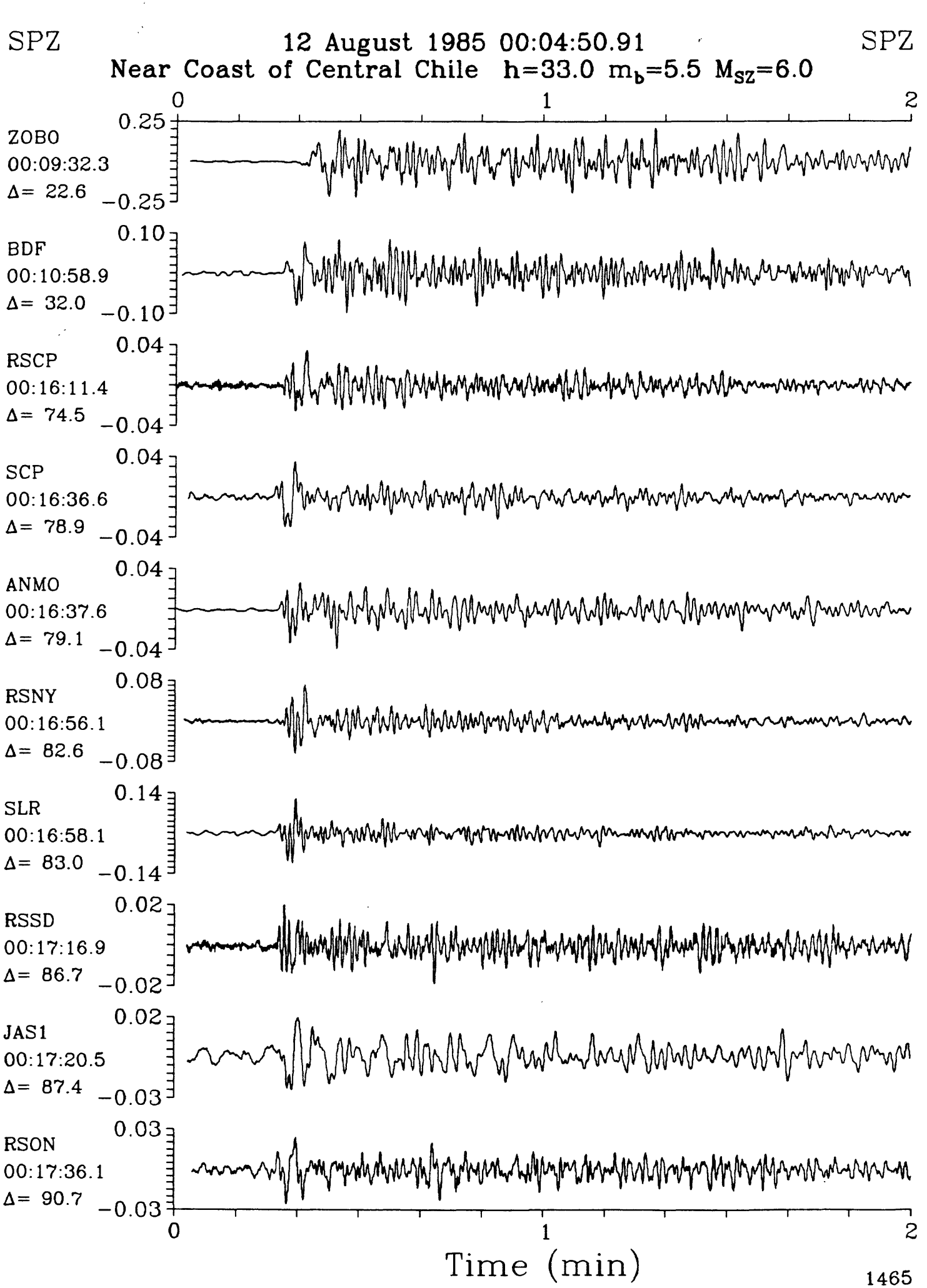
Komandorsky Islands Region h=29.9 m_b=6.0 M_{SZ}=5.8



12 August 1985 00:04:50.91

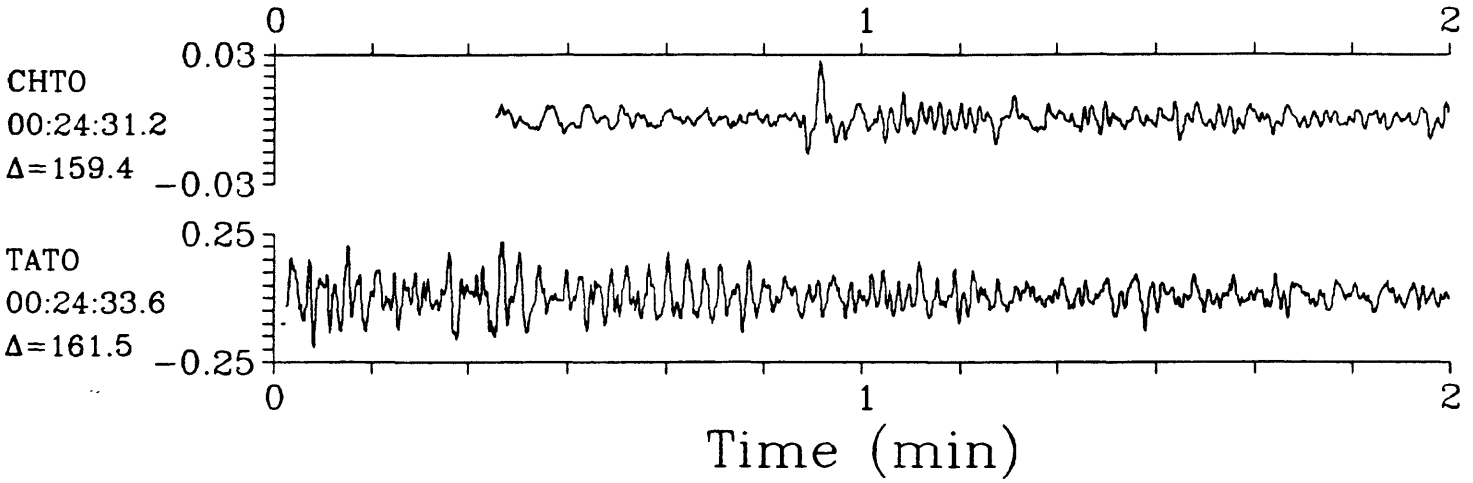
Near Coast of Central Chile



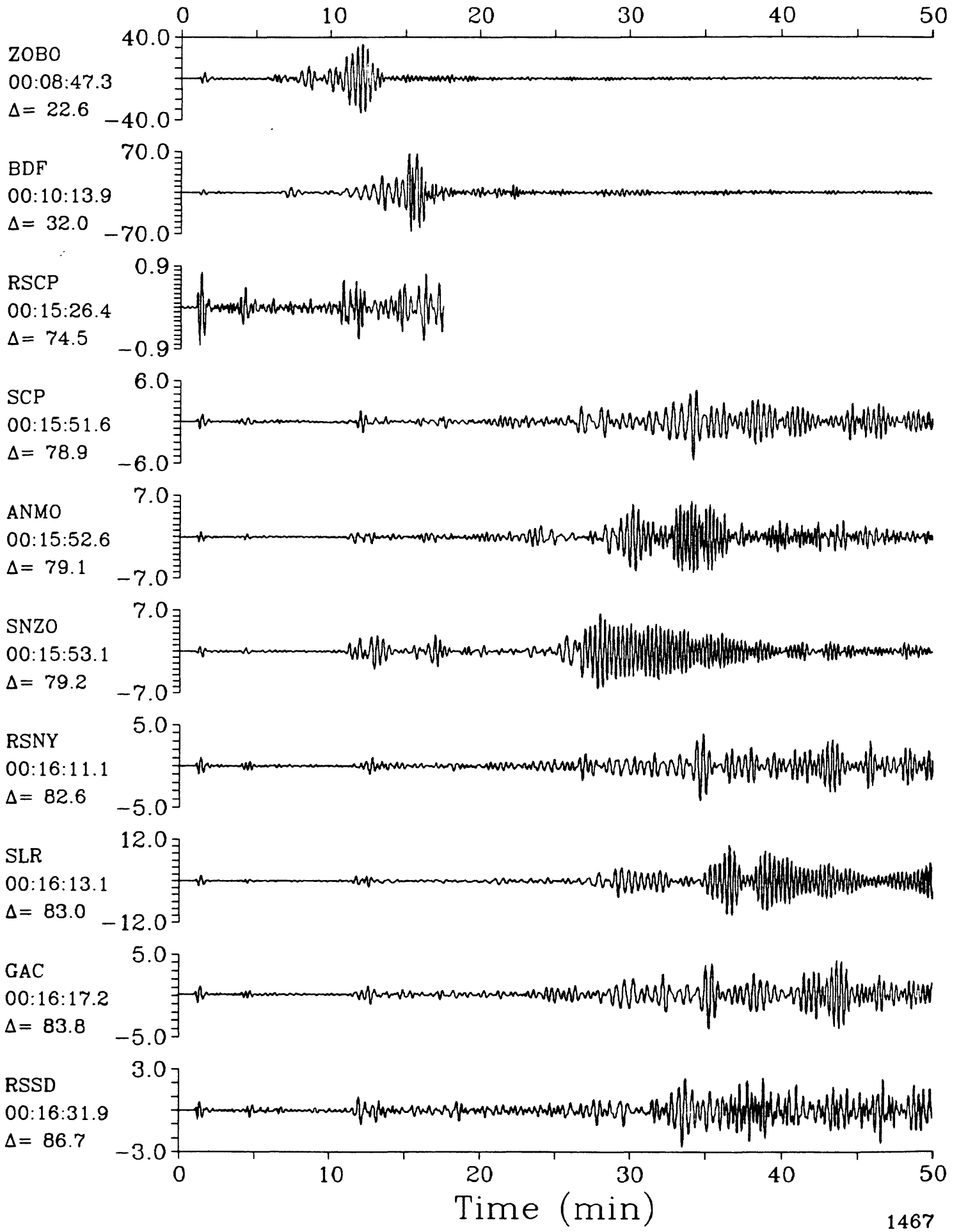

SPZ
12 August 1985 00:04:50.91
SPZ
Near Coast of Central Chile h=33.0 m_b=5.5 M_{SZ}=6.0
0
1
2
0.25
ZOBO
00:09:32.3
Δ= 22.6
−0.25
0.10
BDF
00:10:58.9
Δ= 32.0
−0.10
0.04
RSCP
00:16:11.4
Δ= 74.5
−0.04
0.04
SCP
00:16:36.6
Δ= 78.9
−0.04
0.04
ANMO
00:16:37.6
Δ= 79.1
−0.04
0.08
RSNY
00:16:56.1
Δ= 82.6
−0.08
0.14
SLR
00:16:58.1
Δ= 83.0
−0.14
0.02
RSSD
00:17:16.9
Δ= 86.7
−0.02
0.02
JAS1
00:17:20.5
Δ= 87.4
−0.03
0.03
RSON
00:17:36.1
Δ= 90.7
−0.03
0
1
2
Time (min)
1465

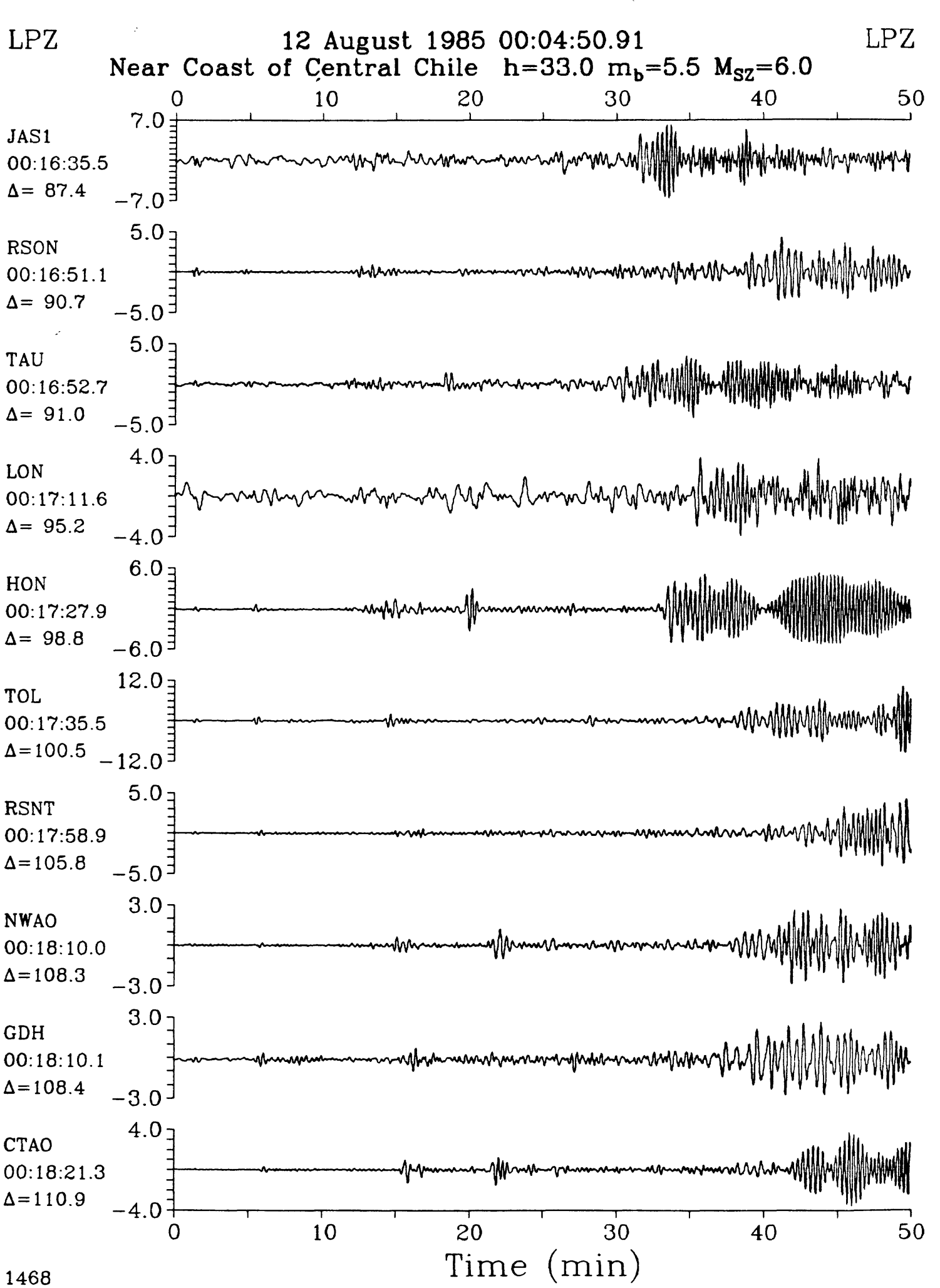
SPZ 12 August 1985 00:04:50.91 SPZ

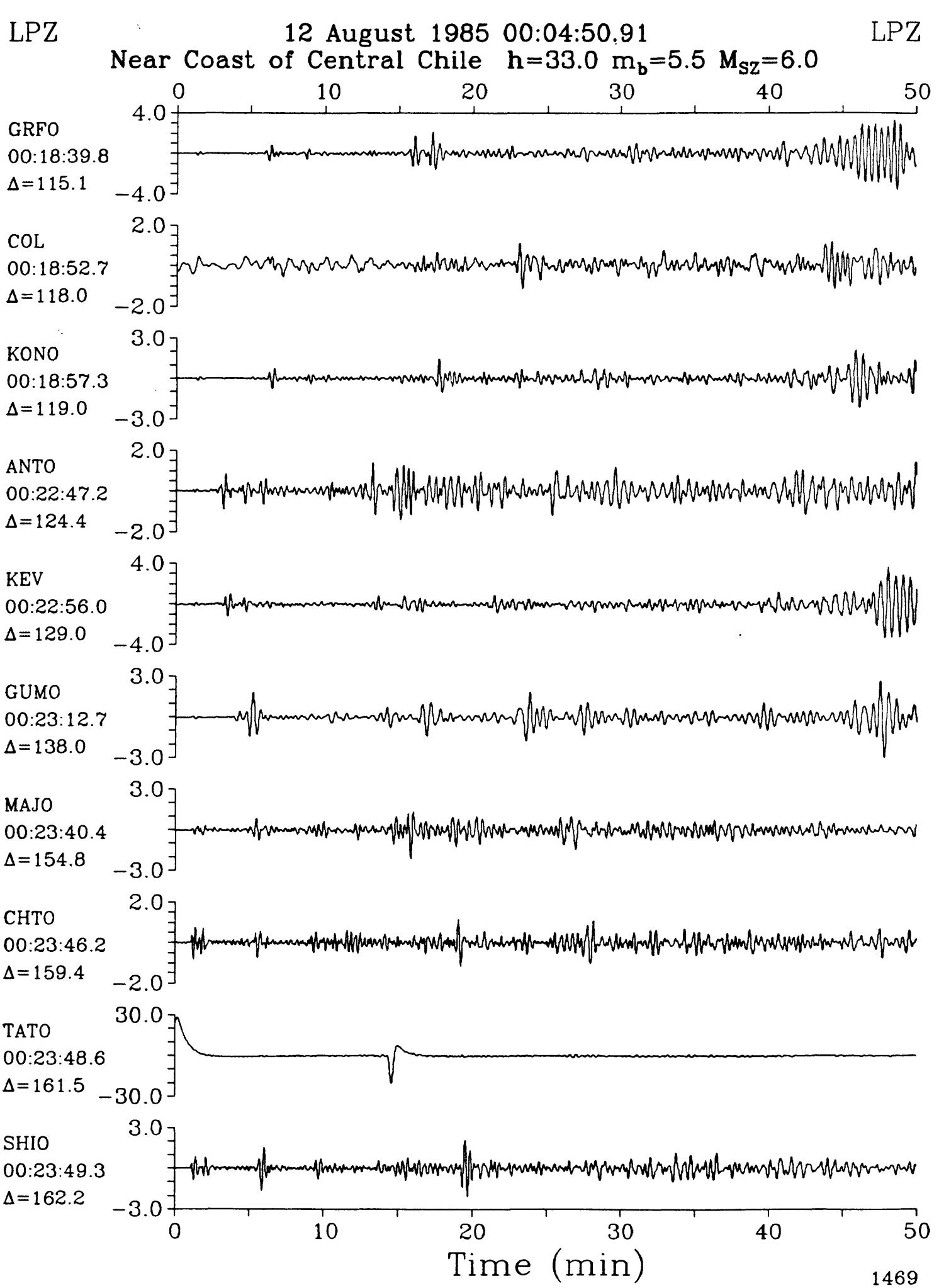
Near Coast of Central Chile h=33.0 m_b=5.5 M_{SZ}=6.0

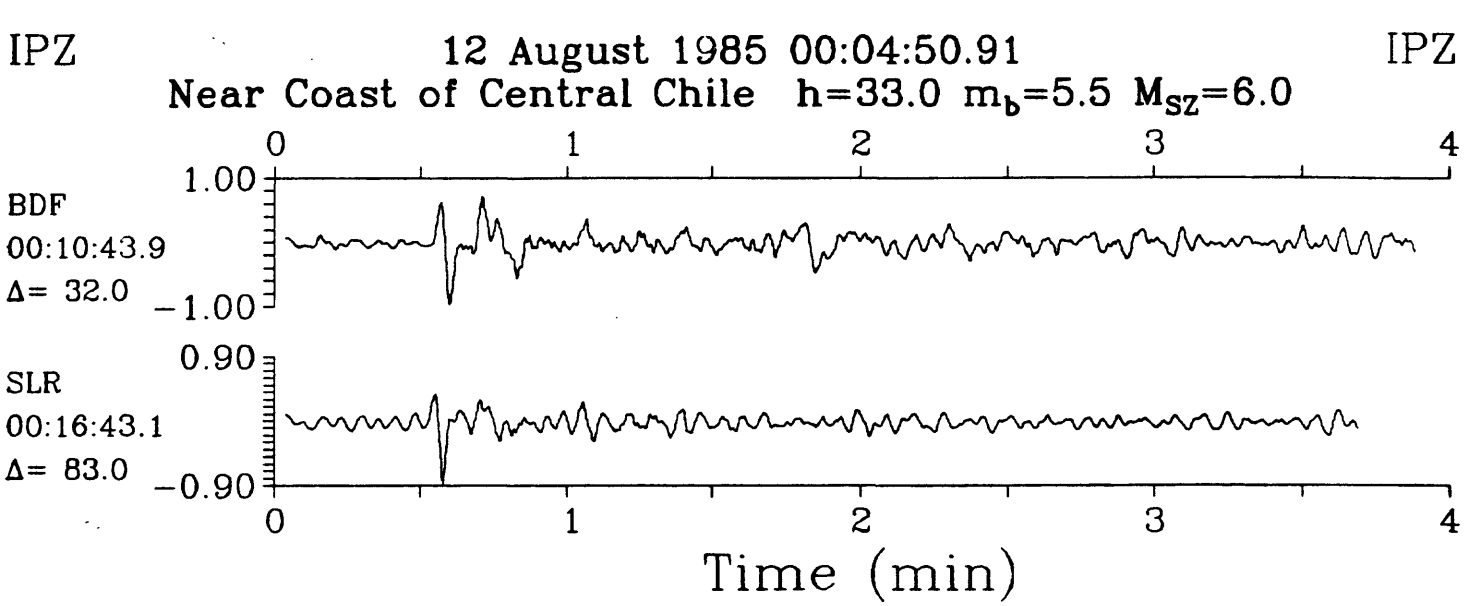


Time (min)


LPZ
12 August 1985 00:04:50.91
Near Coast of Central Chile h=33.0 m_b=5.5 M_{SZ}=6.0
LPZ
0
10
20
30
40
50
ZOBO
00:08:47.3
Δ= 22.6
40.0
-40.0
BDF
00:10:13.9
Δ= 32.0
70.0
-70.0
RSCP
00:15:26.4
Δ= 74.5
0.9
-0.9
SCP
00:15:51.6
Δ= 78.9
6.0
-6.0
ANMO
00:15:52.6
Δ= 79.1
7.0
-7.0
SNZO
00:15:53.1
Δ= 79.2
7.0
-7.0
RSNY
00:16:11.1
Δ= 82.6
5.0
-5.0
SLR
00:16:13.1
Δ= 83.0
12.0
-12.0
GAC
00:16:17.2
Δ= 83.8
5.0
-5.0
RSSD
00:16:31.9
Δ= 86.7
3.0
-3.0
0
10
20
30
40
50
Time (min)

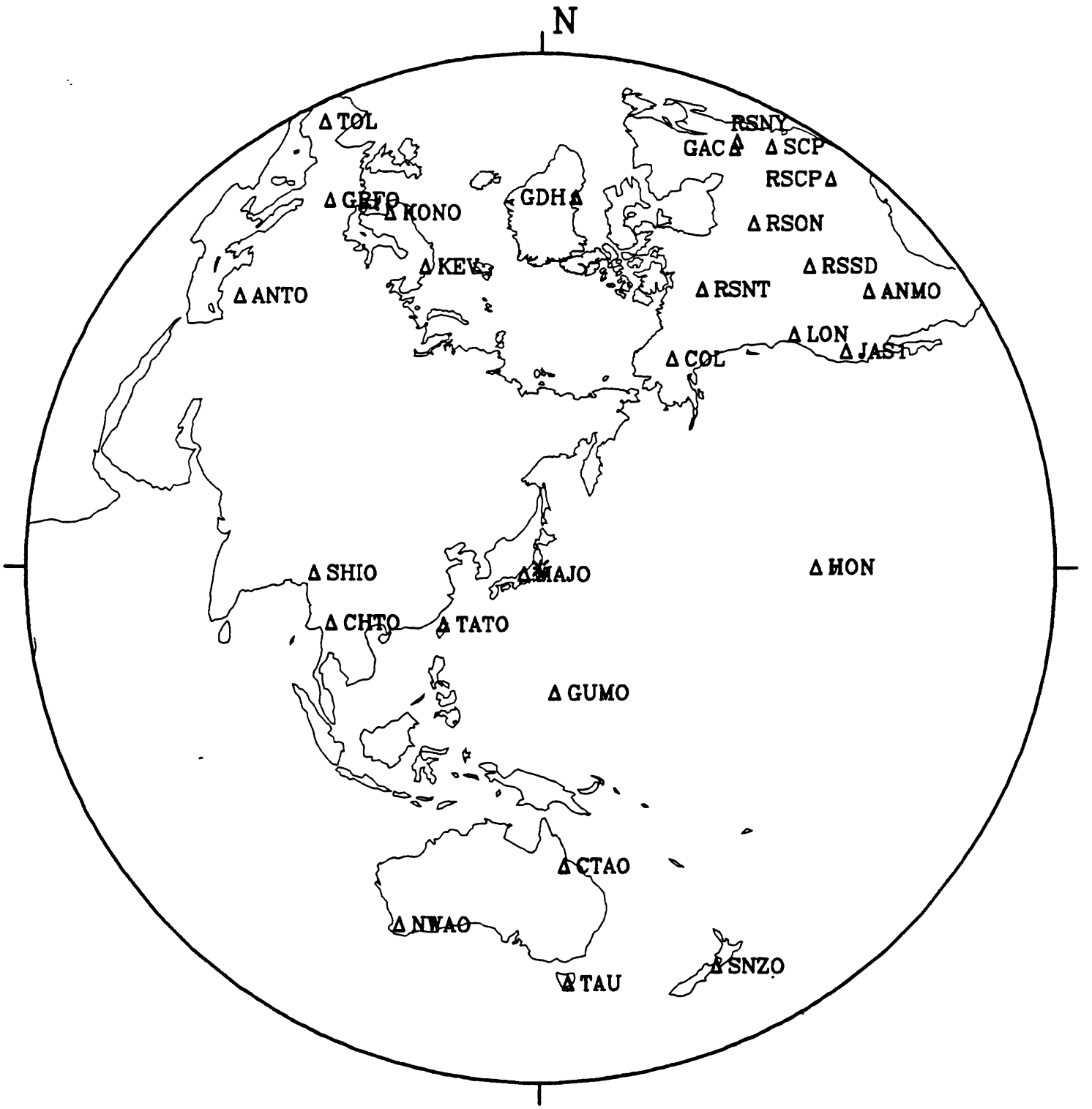

LPZ
12 August 1985 00:04:50.91
LPZ
Near Coast of Central Chile h=33.0 m_b=5.5 M_{SZ}=6.0
0
10
20
30
40
50
JAS1
00:16:35.5
Δ= 87.4
7.0
-7.0
RSON
00:16:51.1
Δ= 90.7
5.0
-5.0
TAU
00:16:52.7
Δ= 91.0
5.0
-5.0
LON
00:17:11.6
Δ= 95.2
4.0
-4.0
HON
00:17:27.9
Δ= 98.8
6.0
-6.0
TOL
00:17:35.5
Δ=100.5
12.0
-12.0
RSNT
00:17:58.9
Δ=105.8
5.0
-5.0
NWAO
00:18:10.0
Δ=108.3
3.0
-3.0
GDH
00:18:10.1
Δ=108.4
3.0
-3.0
CTAO
00:18:21.3
Δ=110.9
4.0
-4.0
0
10
20
30
40
50
Time (min)

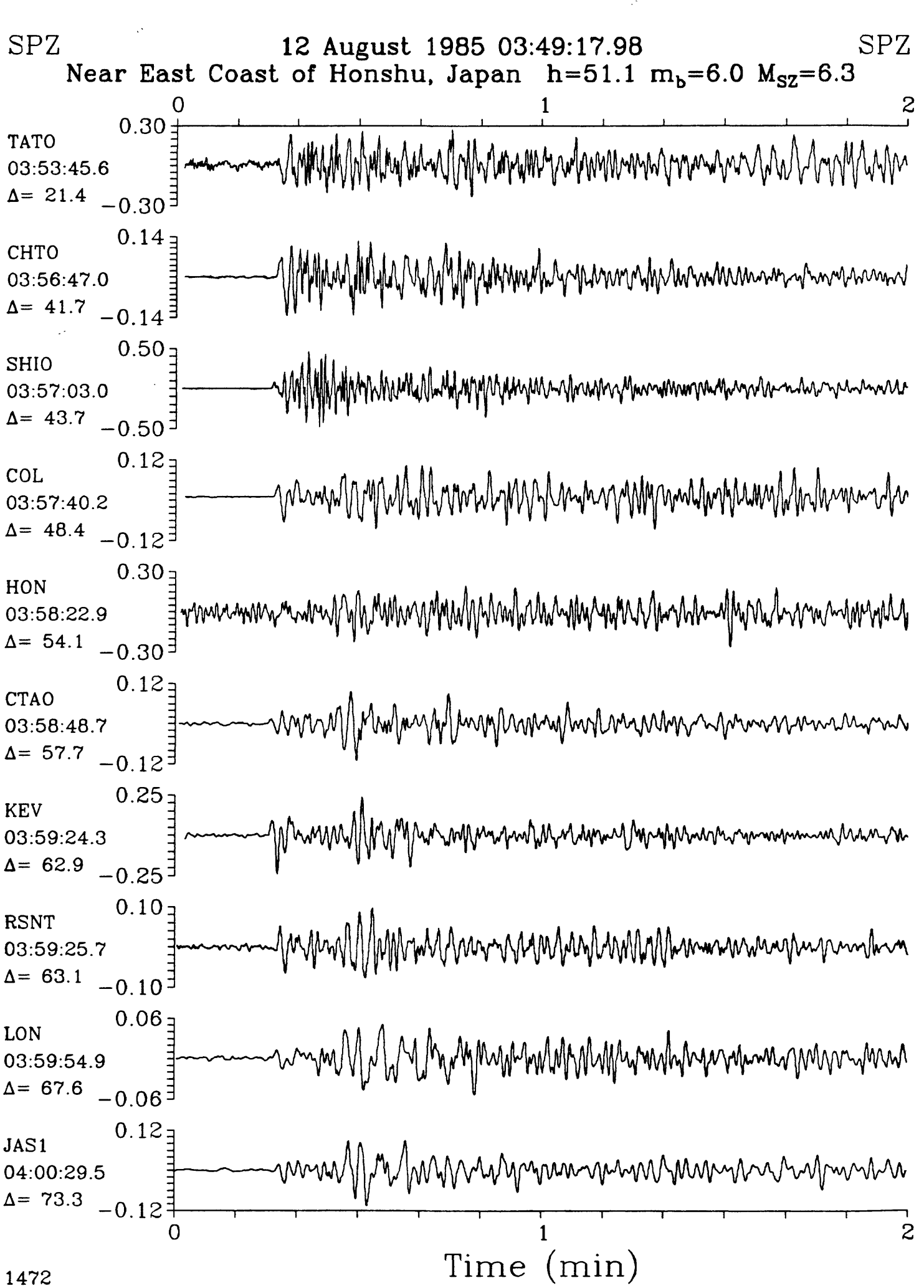

LPZ
12 August 1985 00:04:50.91
LPZ
Near Coast of Central Chile h=33.0 m_b=5.5 M_{SZ}=6.0
0
10
20
30
40
50
GRFO
00:18:39.8
Δ=115.1
4.0
-4.0
COL
00:18:52.7
Δ=118.0
2.0
-2.0
KONO
00:18:57.3
Δ=119.0
3.0
-3.0
ANTO
00:22:47.2
Δ=124.4
2.0
-2.0
KEV
00:22:56.0
Δ=129.0
4.0
-4.0
GUMO
00:23:12.7
Δ=138.0
3.0
-3.0
MAJO
00:23:40.4
Δ=154.8
3.0
-3.0
CHTO
00:23:46.2
Δ=159.4
2.0
-2.0
TATO
00:23:48.6
Δ=161.5
30.0
-30.0
SHIO
00:23:49.3
Δ=162.2
3.0
-3.0
0
10
20
30
40
50
Time (min)


IPZ
12 August 1985 00:04:50.91
IPZ
Near Coast of Central Chile h=33.0 m_b=5.5 M_{SZ}=6.0
0
1
2
3
4
1.00
BDF
00:10:43.9
Δ= 32.0
−1.00
0.90
SLR
00:16:43.1
Δ= 83.0
−0.90
0
1
2
3
4
Time (min)

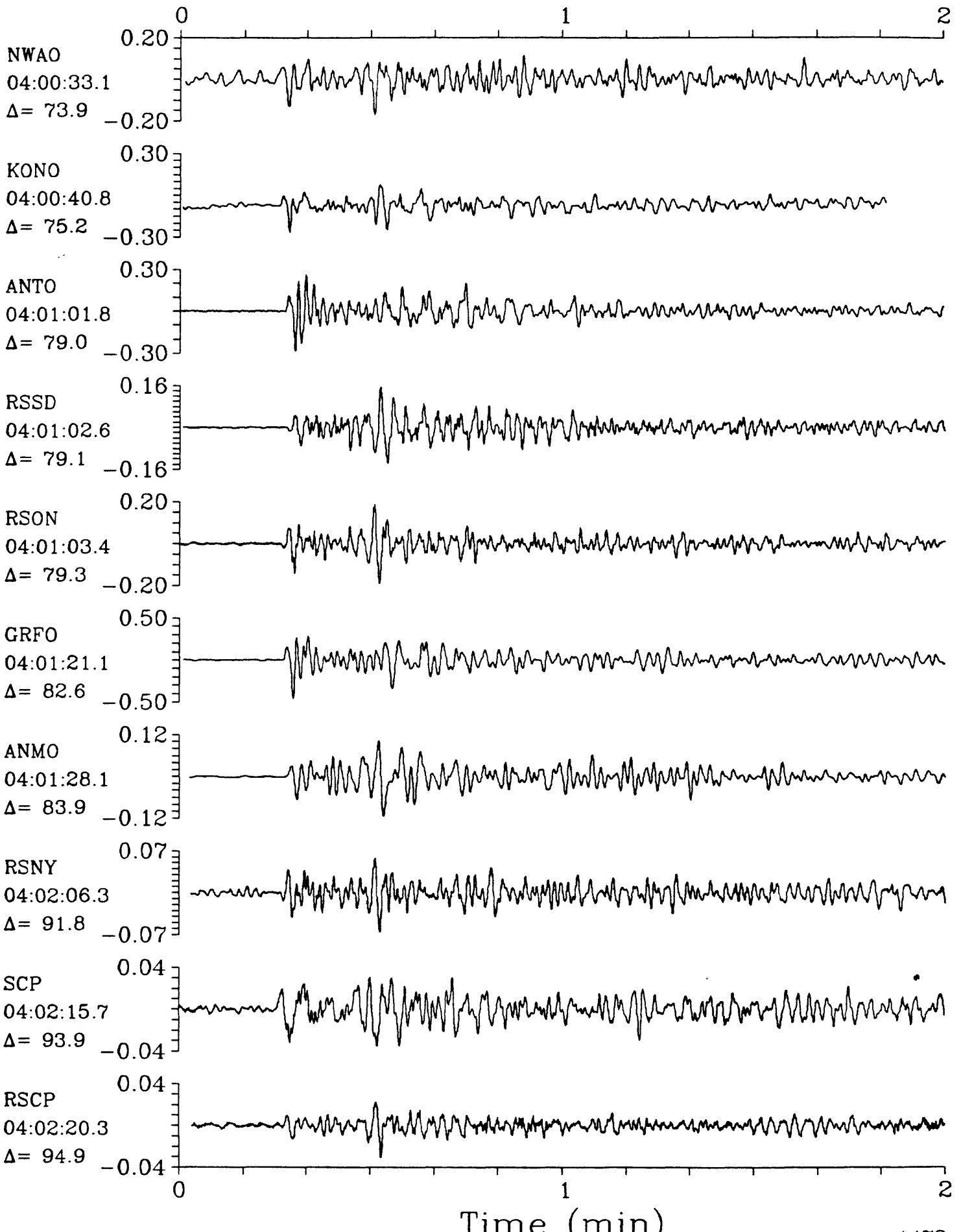
12 August 1985 03:49:17.98

Near East Coast of Honshu, Japan



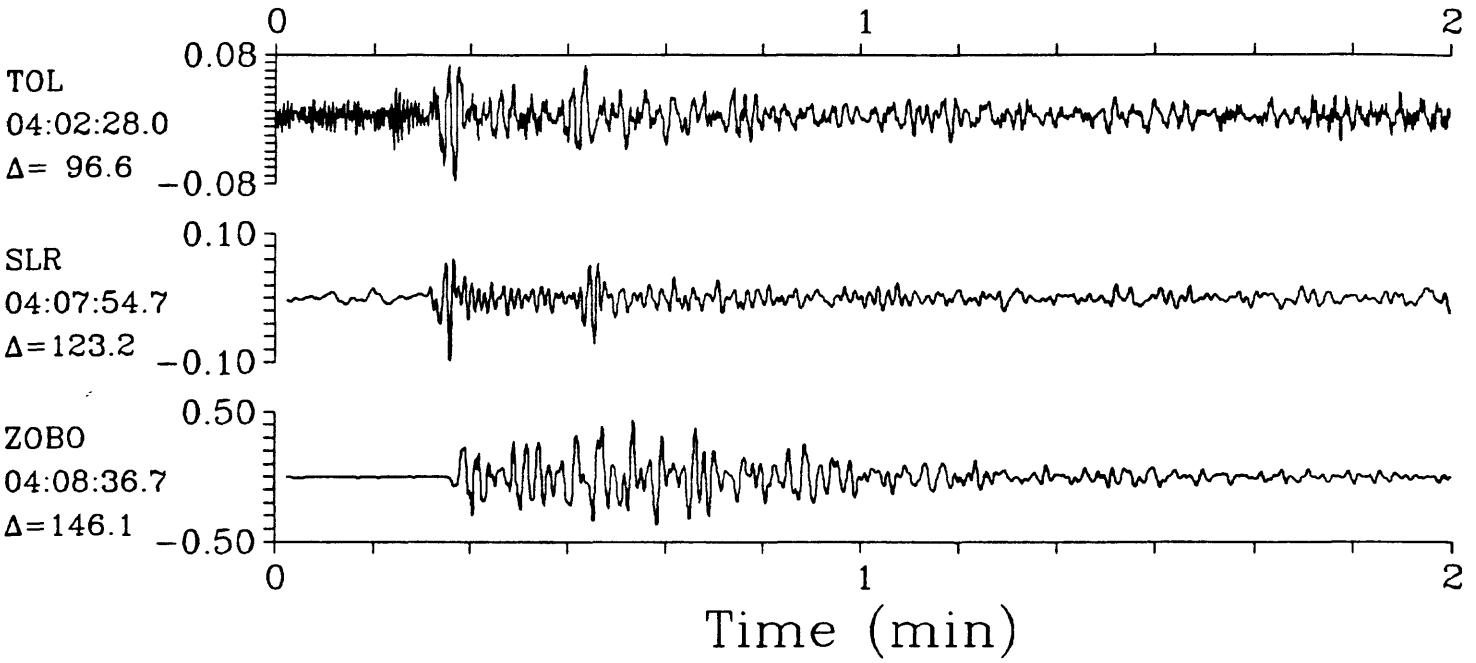

SPZ
12 August 1985 03:49:17.98
SPZ
Near East Coast of Honshu, Japan h=51.1 m_b=6.0 M_{SZ}=6.3
0
1
2
TATO
03:53:45.6
Δ= 21.4
0.30
−0.30
CHTO
03:56:47.0
Δ= 41.7
0.14
−0.14
SHIO
03:57:03.0
Δ= 43.7
0.50
−0.50
COL
03:57:40.2
Δ= 48.4
0.12
−0.12
HON
03:58:22.9
Δ= 54.1
0.30
−0.30
CTAO
03:58:48.7
Δ= 57.7
0.12
−0.12
KEV
03:59:24.3
Δ= 62.9
0.25
−0.25
RSNT
03:59:25.7
Δ= 63.1
0.10
−0.10
LON
03:59:54.9
Δ= 67.6
0.06
−0.06
JAS1
04:00:29.5
Δ= 73.3
0.12
−0.12
0
1
2
Time (min)

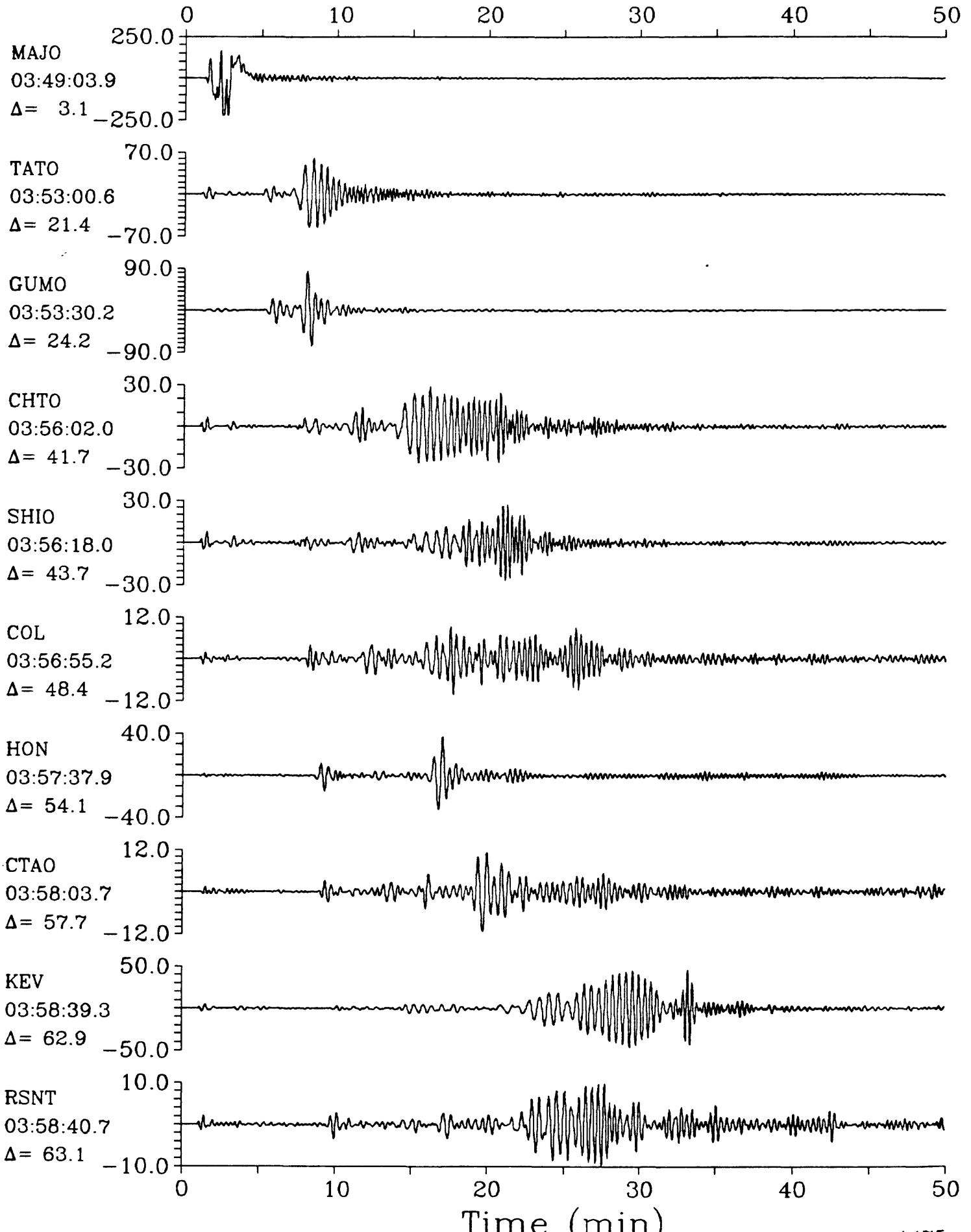
1472

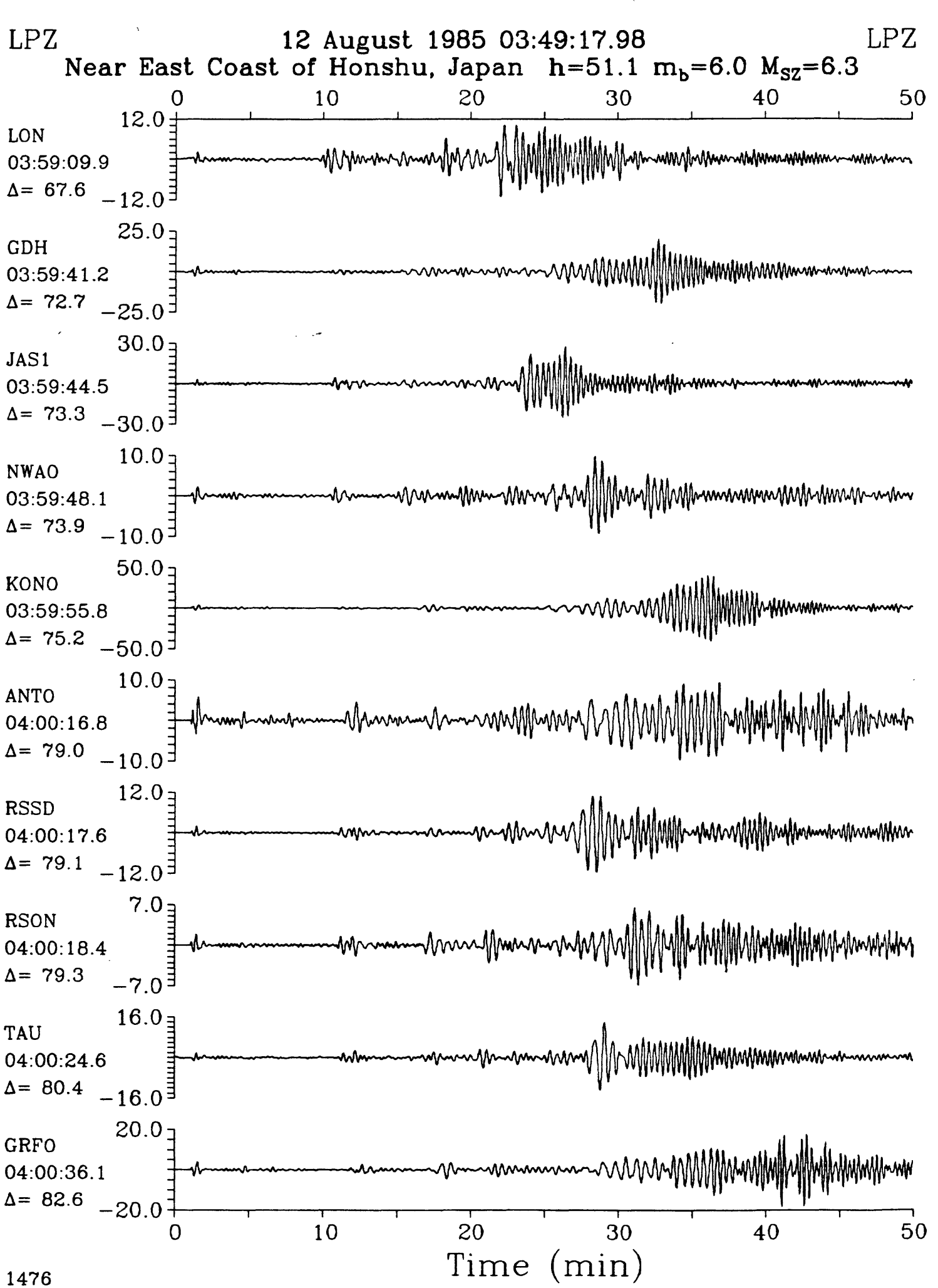

SPZ
12 August 1985 03:49:17.98
SPZ
Near East Coast of Honshu, Japan h=51.1 m_b=6.0 M_{SZ}=6.3
0
1
2
0.20
NWAO
04:00:33.1
Δ= 73.9
−0.20
0.30
KONO
04:00:40.8
Δ= 75.2
−0.30
0.30
ANTO
04:01:01.8
Δ= 79.0
−0.30
0.16
RSSD
04:01:02.6
Δ= 79.1
−0.16
0.20
RSON
04:01:03.4
Δ= 79.3
−0.20
0.50
GRFO
04:01:21.1
Δ= 82.6
−0.50
0.12
ANMO
04:01:28.1
Δ= 83.9
−0.12
0.07
RSNY
04:02:06.3
Δ= 91.8
−0.07
0.04
SCP
04:02:15.7
Δ= 93.9
−0.04
0.04
RSCP
04:02:20.3
Δ= 94.9
−0.04
0
1
2
Time (min)

SPZ 12 August 1985 03:49:17.98 SPZ

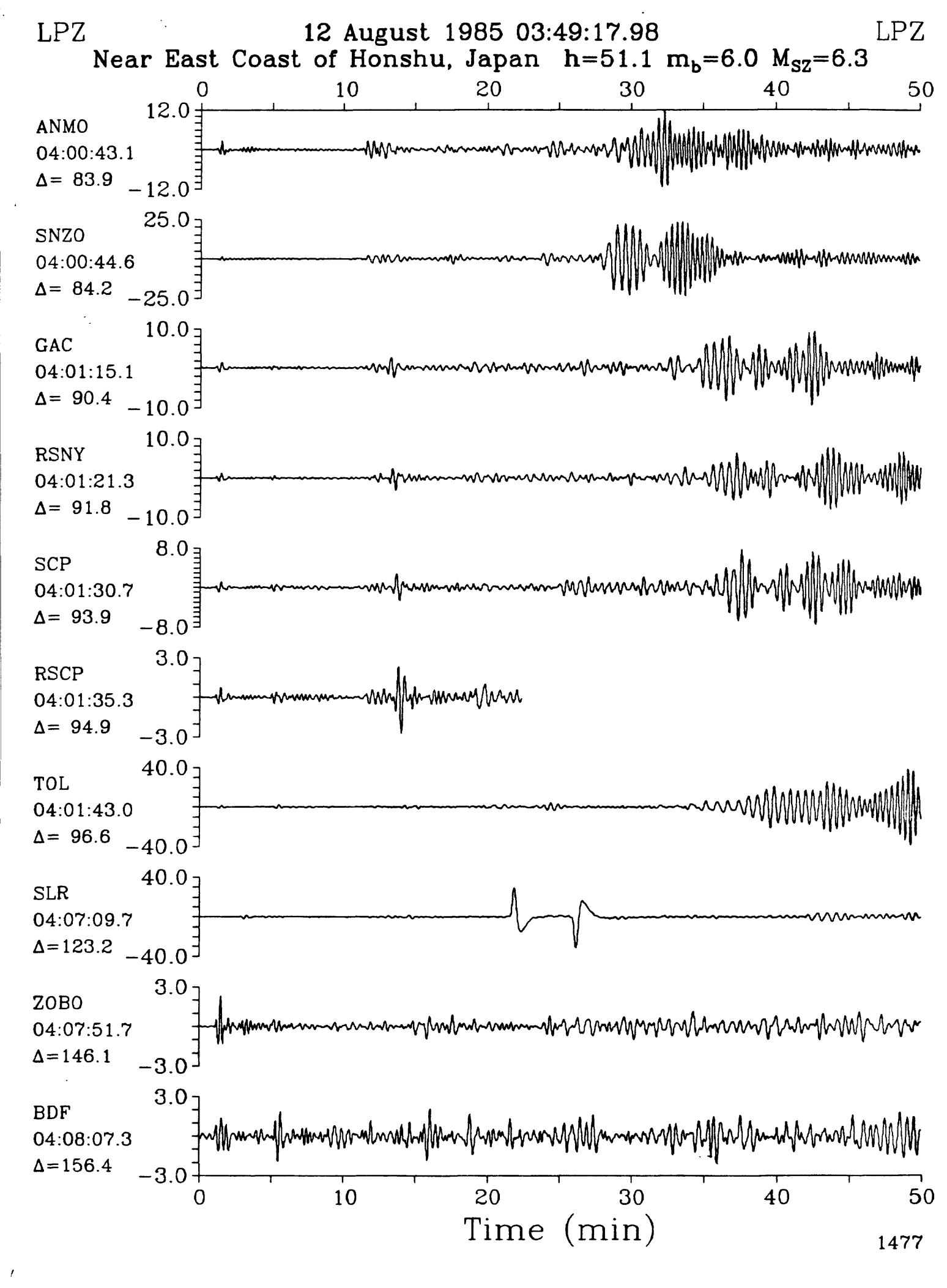
Near East Coast of Honshu, Japan h=51.1 m_b=6.0 M_{SZ}=6.3




LPZ
12 August 1985 03:49:17.98
LPZ
Near East Coast of Honshu, Japan h=51.1 m_b=6.0 M_{SZ}=6.3
0
10
20
30
40
50
MAJO
03:49:03.9
Δ= 3.1
250.0
-250.0
TATO
03:53:00.6
Δ= 21.4
70.0
-70.0
GUMO
03:53:30.2
Δ= 24.2
90.0
-90.0
CHTO
03:56:02.0
Δ= 41.7
30.0
-30.0
SHIO
03:56:18.0
Δ= 43.7
30.0
-30.0
COL
03:56:55.2
Δ= 48.4
12.0
-12.0
HON
03:57:37.9
Δ= 54.1
40.0
-40.0
CTAO
03:58:03.7
Δ= 57.7
12.0
-12.0
KEV
03:58:39.3
Δ= 62.9
50.0
-50.0
RSNT
03:58:40.7
Δ= 63.1
10.0
-10.0
0
10
20
30
40
50
Time (min)
1475

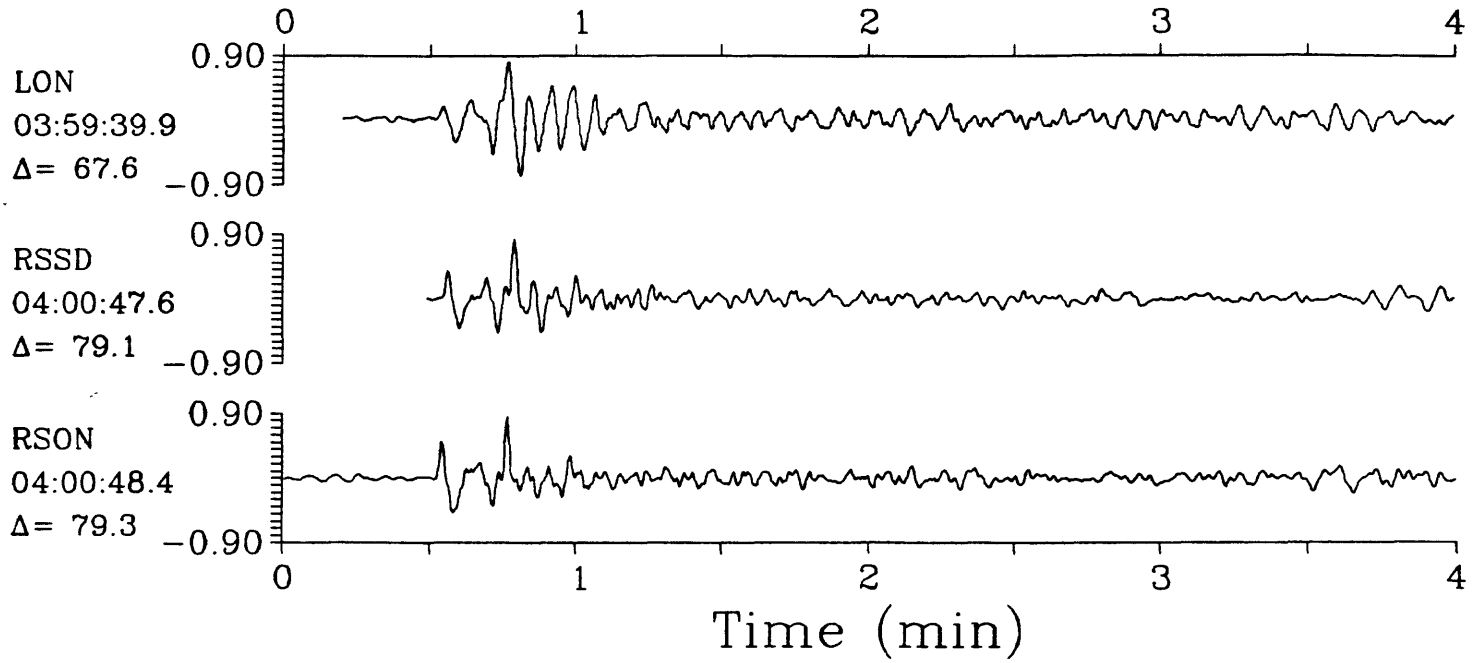

LPZ
12 August 1985 03:49:17.98
LPZ
Near East Coast of Honshu, Japan h=51.1 m_b=6.0 M_{SZ}=6.3
0
10
20
30
40
50
12.0
LON
03:59:09.9
Δ= 67.6
-12.0
25.0
GDH
03:59:41.2
Δ= 72.7
-25.0
30.0
JAS1
03:59:44.5
Δ= 73.3
-30.0
10.0
NWAO
03:59:48.1
Δ= 73.9
-10.0
50.0
KONO
03:59:55.8
Δ= 75.2
-50.0
10.0
ANTO
04:00:16.8
Δ= 79.0
-10.0
12.0
RSSD
04:00:17.6
Δ= 79.1
-12.0
7.0
RSON
04:00:18.4
Δ= 79.3
-7.0
16.0
TAU
04:00:24.6
Δ= 80.4
-16.0
20.0
GRFO
04:00:36.1
Δ= 82.6
-20.0
0
10
20
30
40
50
Time (min)

1476


LPZ
12 August 1985 03:49:17.98
LPZ
Near East Coast of Honshu, Japan h=51.1 m_b=6.0 M_{SZ}=6.3
0
10
20
30
40
50
ANMO
04:00:43.1
Δ= 83.9
12.0
-12.0
SNZO
04:00:44.6
Δ= 84.2
25.0
-25.0
GAC
04:01:15.1
Δ= 90.4
10.0
-10.0
RSNY
04:01:21.3
Δ= 91.8
10.0
-10.0
SCP
04:01:30.7
Δ= 93.9
8.0
-8.0
RSCP
04:01:35.3
Δ= 94.9
3.0
-3.0
TOL
04:01:43.0
Δ= 96.6
40.0
-40.0
SLR
04:07:09.7
Δ=123.2
40.0
-40.0
ZOBO
04:07:51.7
Δ=146.1
3.0
-3.0
BDF
04:08:07.3
Δ=156.4
3.0
-3.0
0
10
20
30
40
50
Time (min)
1477

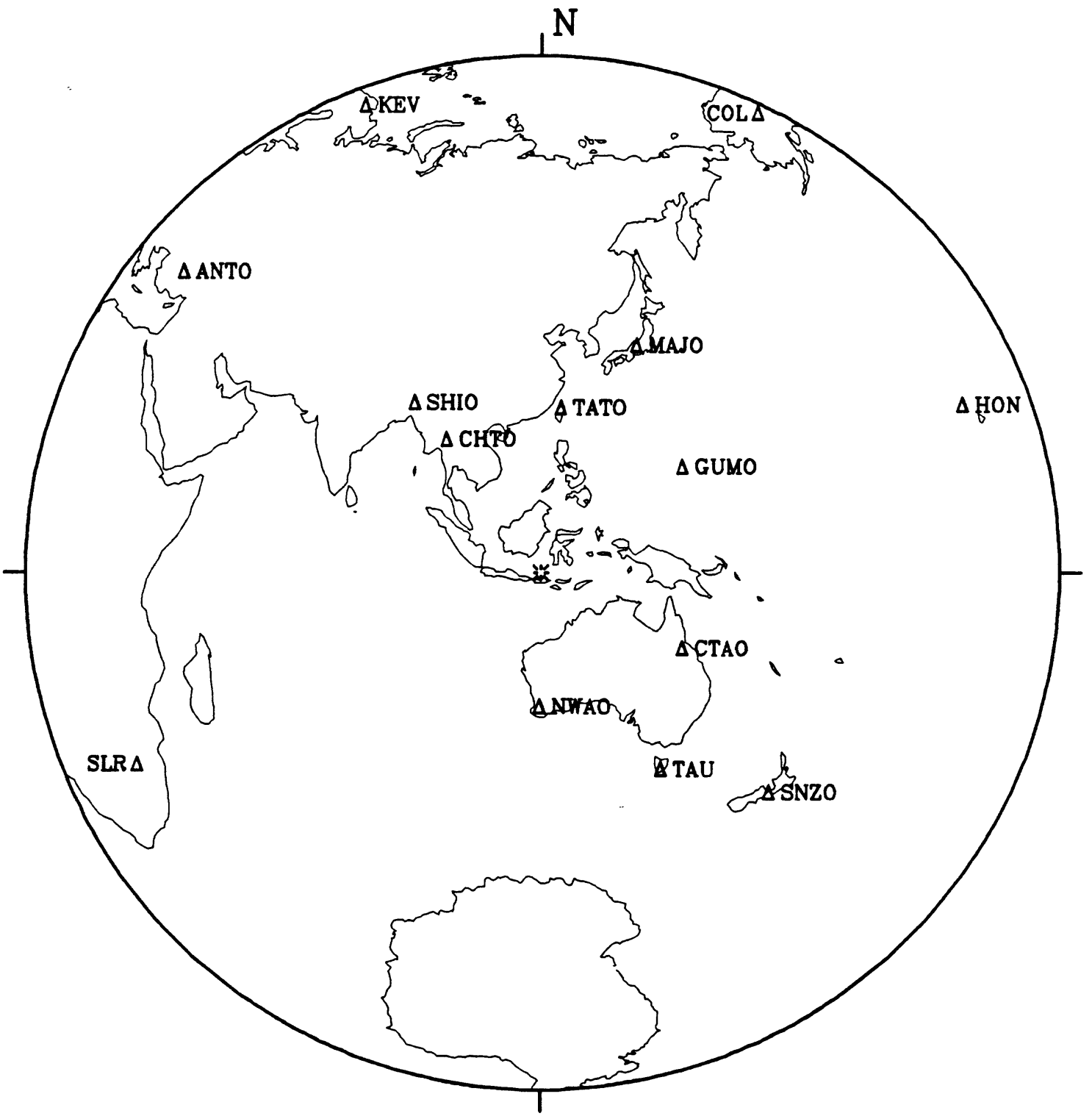
IPZ 12 August 1985 03:49:17.98 IPZ

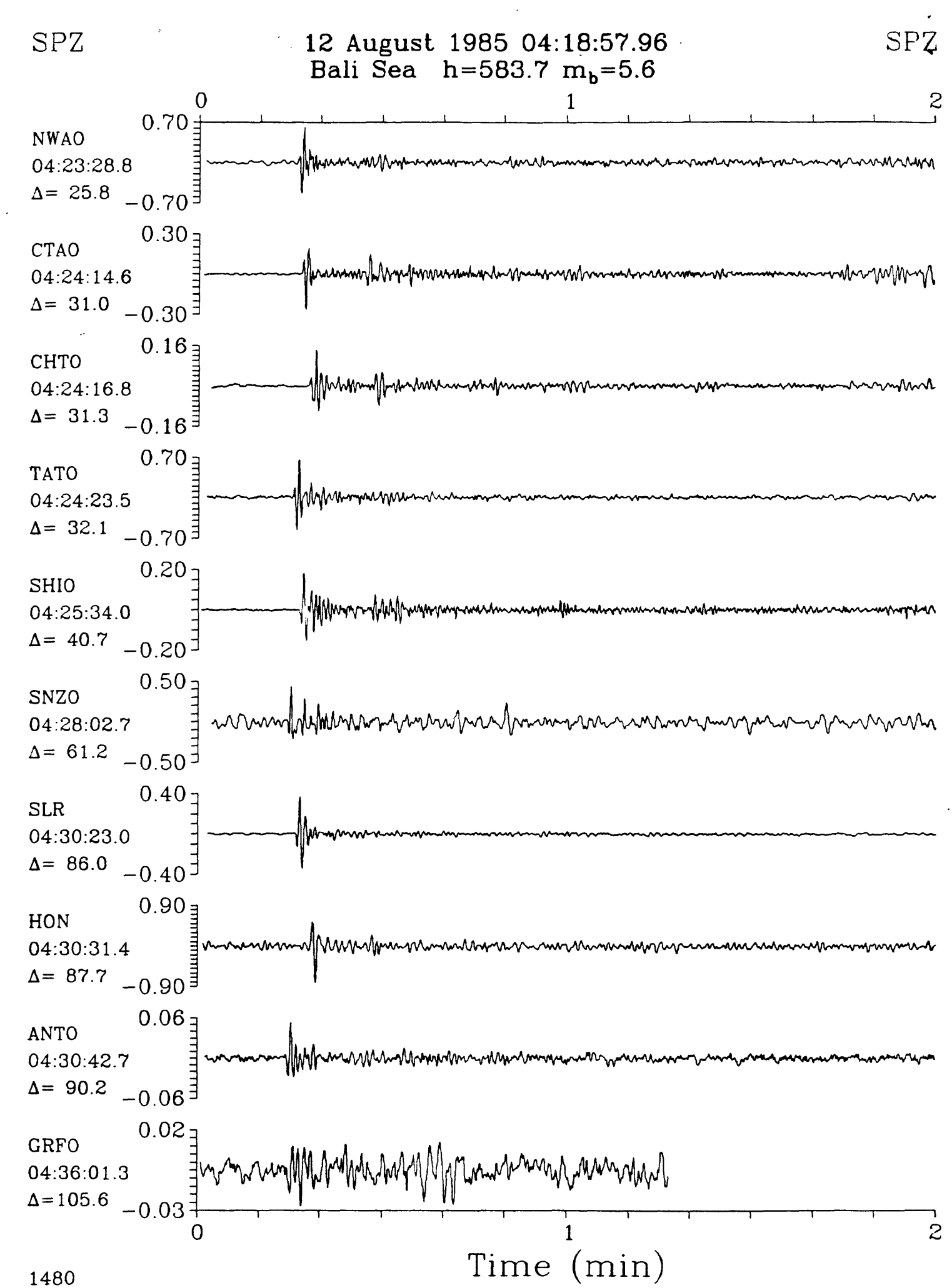
Near East Coast of Honshu, Japan h=51.1 m_b=6.0 M_{SZ}=6.3

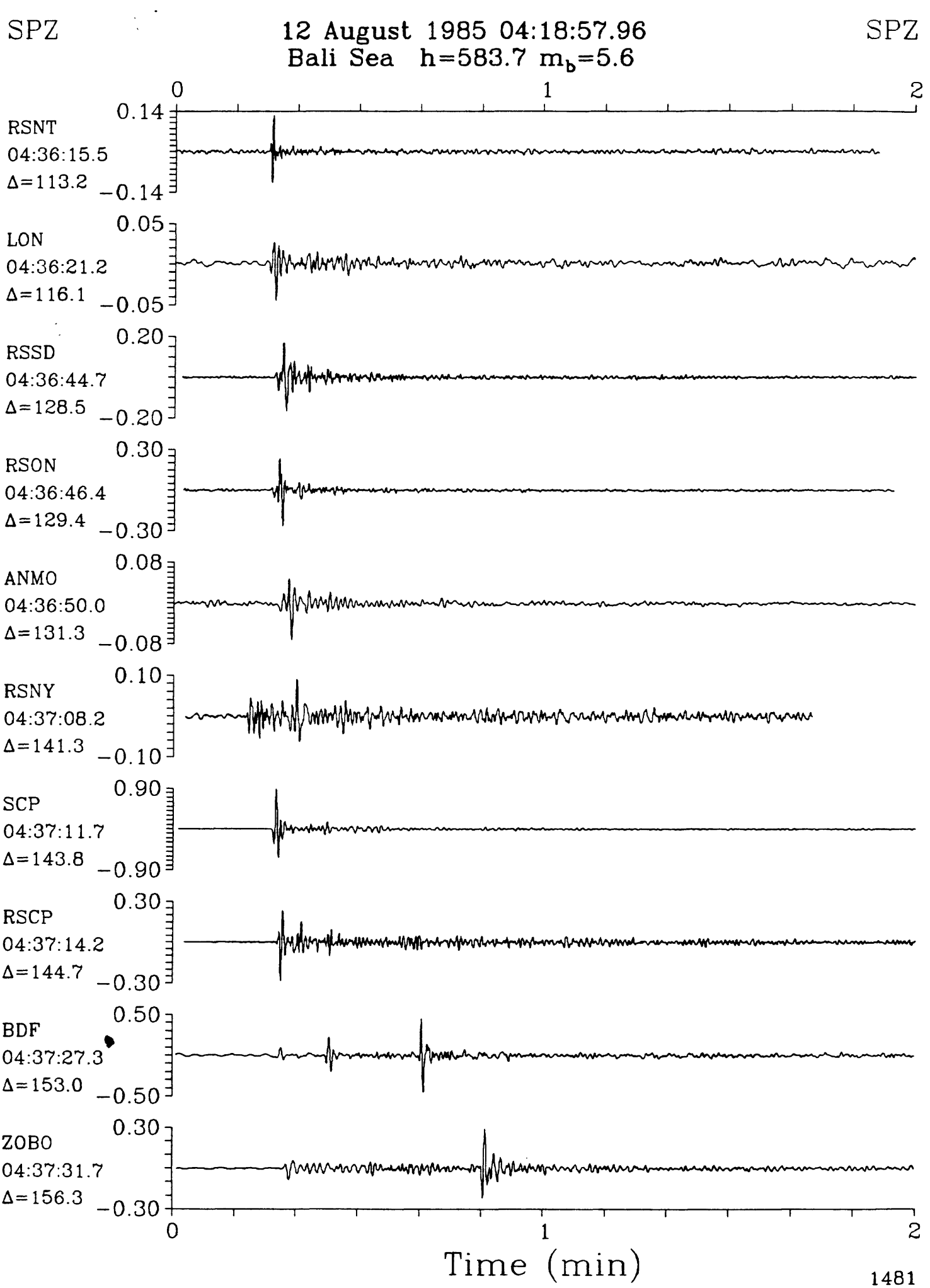


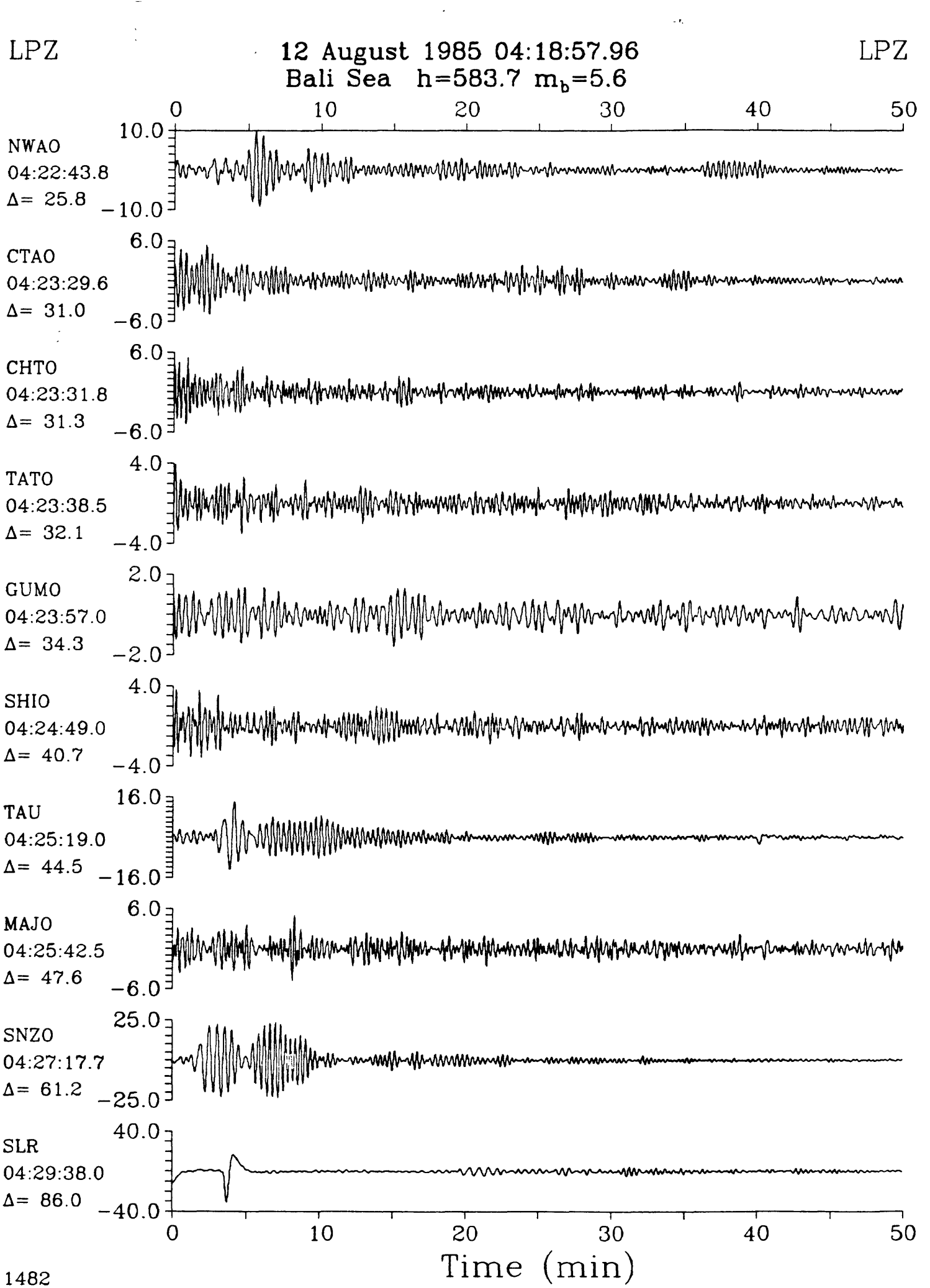
12 August 1985 04:18:57.96

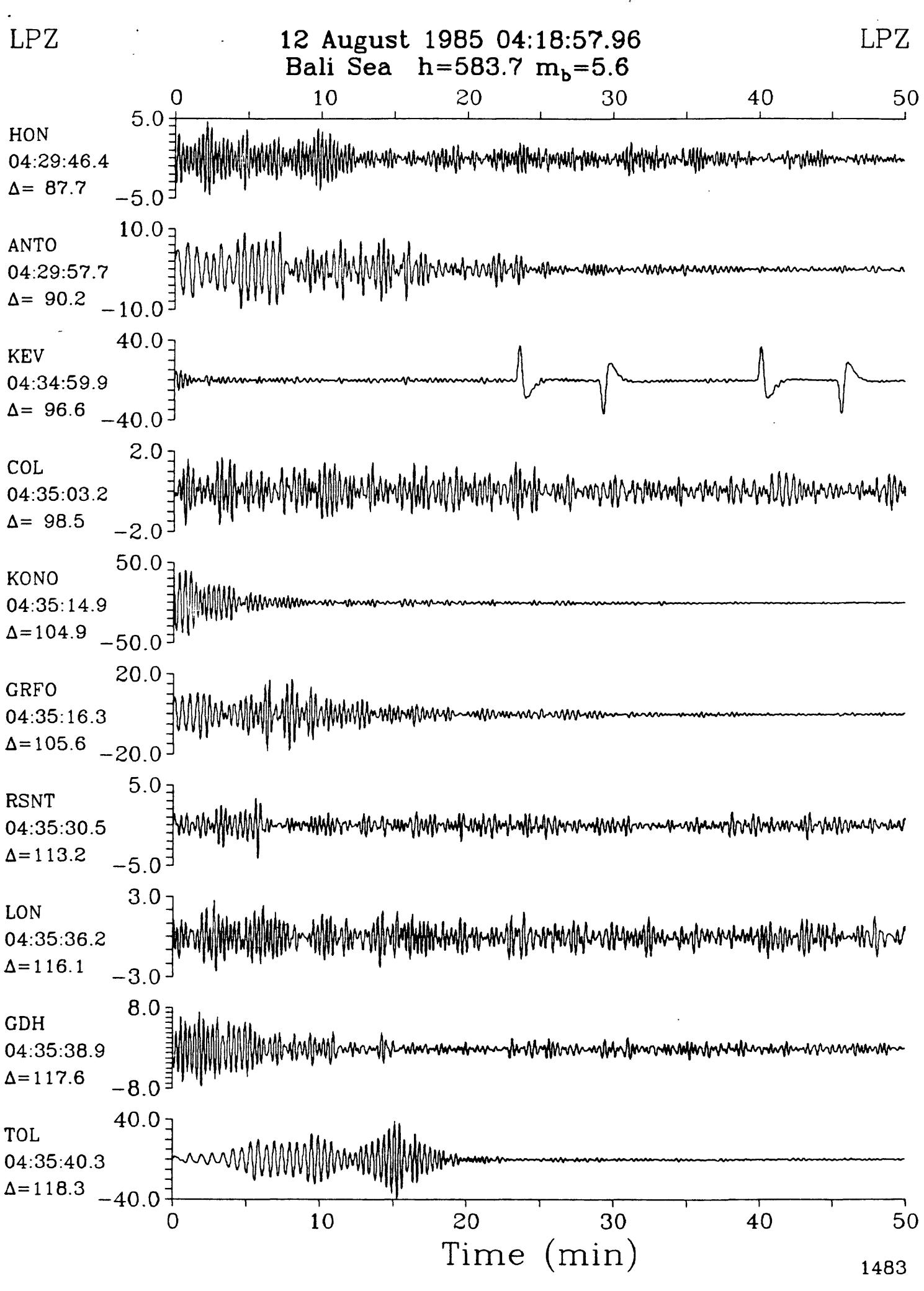
Bali Sea

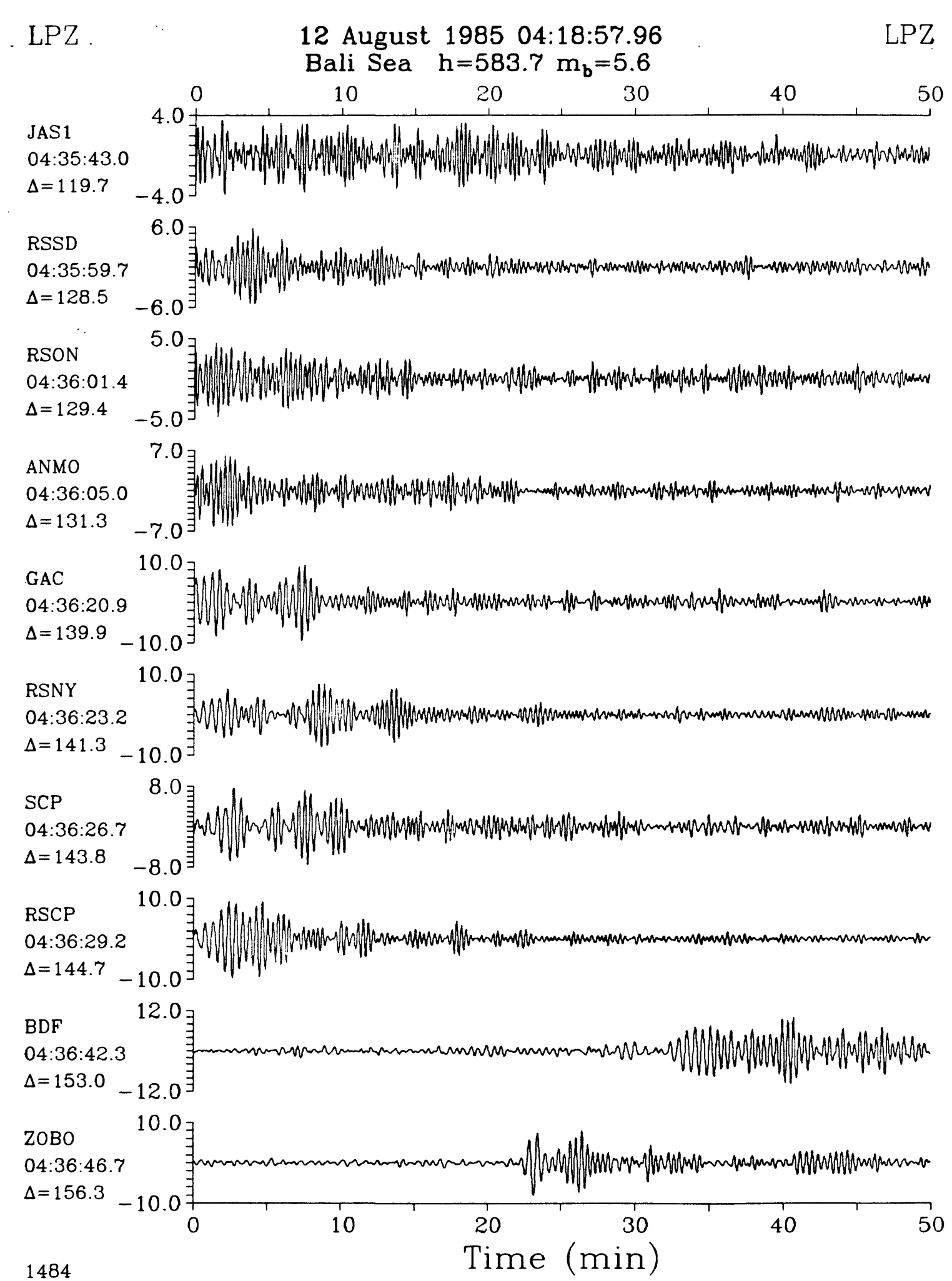



SPZ
12 August 1985 04:18:57.96
Bali Sea h=583.7 m_b=5.6
SPZ
0
1
2
NWAO
04:23:28.8
Δ= 25.8
0.70
-0.70
CTAO
04:24:14.6
Δ= 31.0
0.30
-0.30
CHTO
04:24:16.8
Δ= 31.3
0.16
-0.16
TATO
04:24:23.5
Δ= 32.1
0.70
-0.70
SHIO
04:25:34.0
Δ= 40.7
0.20
-0.20
SNZO
04:28:02.7
Δ= 61.2
0.50
-0.50
SLR
04:30:23.0
Δ= 86.0
0.40
-0.40
HON
04:30:31.4
Δ= 87.7
0.90
-0.90
ANTO
04:30:42.7
Δ= 90.2
0.06
-0.06
GRFO
04:36:01.3
Δ=105.6
0.02
-0.03
0
1
2
Time (min)


SPZ
12 August 1985 04:18:57.96
Bali Sea h=583.7 m_b=5.6
SPZ
0
1
2
RSNT
04:36:15.5
Δ=113.2
0.14
-0.14
LON
04:36:21.2
Δ=116.1
0.05
-0.05
RSSD
04:36:44.7
Δ=128.5
0.20
-0.20
RSON
04:36:46.4
Δ=129.4
0.30
-0.30
ANMO
04:36:50.0
Δ=131.3
0.08
-0.08
RSNY
04:37:08.2
Δ=141.3
0.10
-0.10
SCP
04:37:11.7
Δ=143.8
0.90
-0.90
RSCP
04:37:14.2
Δ=144.7
0.30
-0.30
BDF
04:37:27.3
Δ=153.0
0.50
-0.50
ZOBO
04:37:31.7
Δ=156.3
0.30
-0.30
0
1
2
Time (min)
1481

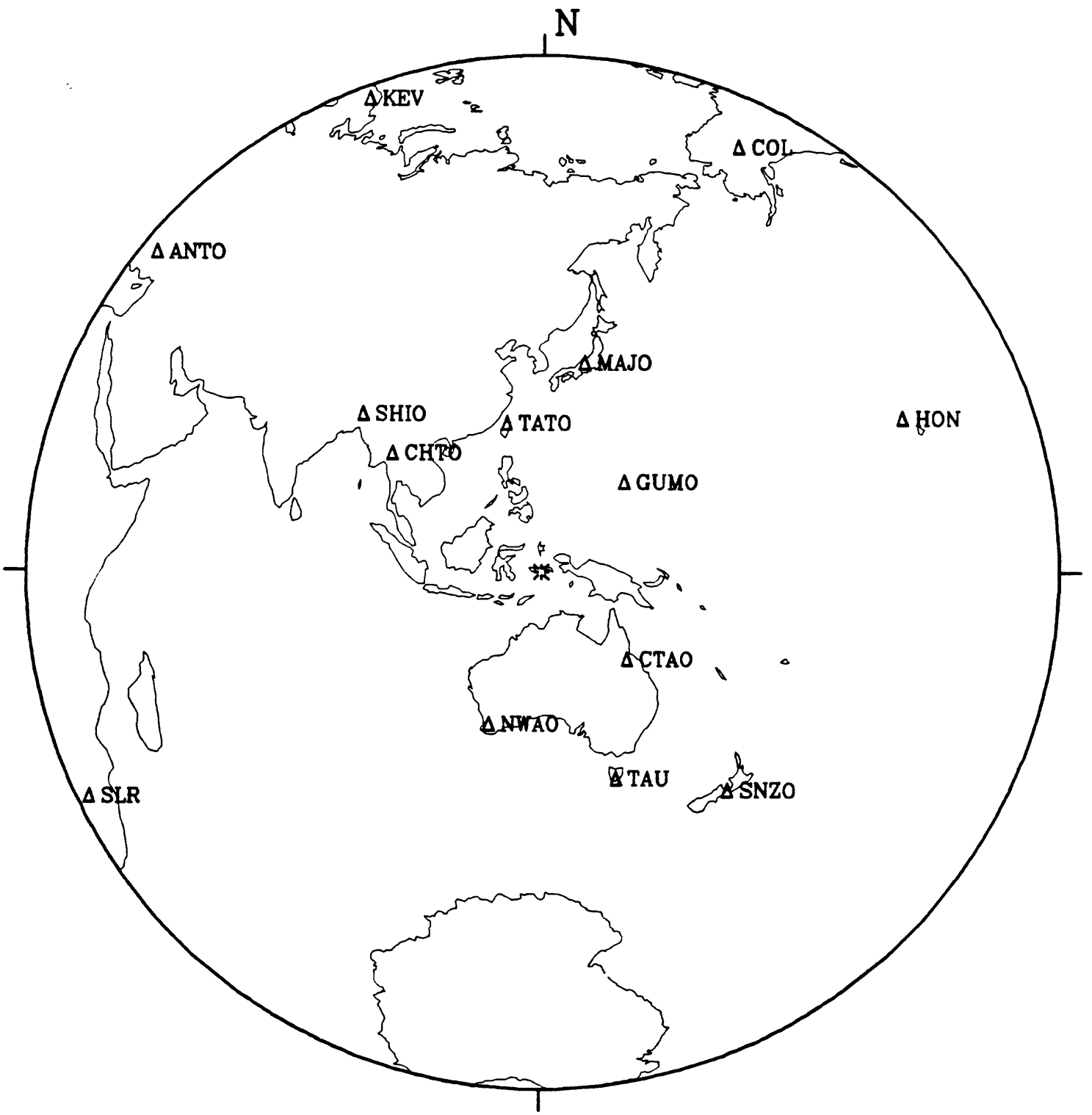

LPZ
12 August 1985 04:18:57.96
Bali Sea h=583.7 m_b=5.6
LPZ
0
10
20
30
40
50
NWAO
04:22:43.8
Δ= 25.8
10.0
-10.0
CTAO
04:23:29.6
Δ= 31.0
6.0
-6.0
CHTO
04:23:31.8
Δ= 31.3
6.0
-6.0
TATO
04:23:38.5
Δ= 32.1
4.0
-4.0
GUMO
04:23:57.0
Δ= 34.3
2.0
-2.0
SHIO
04:24:49.0
Δ= 40.7
4.0
-4.0
TAU
04:25:19.0
Δ= 44.5
16.0
-16.0
MAJO
04:25:42.5
Δ= 47.6
6.0
-6.0
SNZO
04:27:17.7
Δ= 61.2
25.0
-25.0
SLR
04:29:38.0
Δ= 86.0
40.0
-40.0
0
10
20
30
40
50
Time (min)


LPZ
12 August 1985 04:18:57.96
Bali Sea h=583.7 m_b=5.6
LPZ
0
10
20
30
40
50
HON
04:29:46.4
Δ= 87.7
5.0
-5.0
ANTO
04:29:57.7
Δ= 90.2
10.0
-10.0
KEV
04:34:59.9
Δ= 96.6
40.0
-40.0
COL
04:35:03.2
Δ= 98.5
2.0
-2.0
KONO
04:35:14.9
Δ=104.9
50.0
-50.0
GRFO
04:35:16.3
Δ=105.6
20.0
-20.0
RSNT
04:35:30.5
Δ=113.2
5.0
-5.0
LON
04:35:36.2
Δ=116.1
3.0
-3.0
GDH
04:35:38.9
Δ=117.6
8.0
-8.0
TOL
04:35:40.3
Δ=118.3
40.0
-40.0
0
10
20
30
40
50
Time (min)
1483


LPZ
12 August 1985 04:18:57.96
Bali Sea h=583.7 m_b=5.6
LPZ
0
10
20
30
40
50
JAS1
04:35:43.0
Δ=119.7
4.0
-4.0
RSSD
04:35:59.7
Δ=128.5
6.0
-6.0
RSON
04:36:01.4
Δ=129.4
5.0
-5.0
ANMO
04:36:05.0
Δ=131.3
7.0
-7.0
GAC
04:36:20.9
Δ=139.9
10.0
-10.0
RSNY
04:36:23.2
Δ=141.3
10.0
-10.0
SCP
04:36:26.7
Δ=143.8
8.0
-8.0
RSCP
04:36:29.2
Δ=144.7
10.0
-10.0
BDF
04:36:42.3
Δ=153.0
12.0
-12.0
ZOBO
04:36:46.7
Δ=156.3
10.0
-10.0
0
10
20
30
40
50
Time (min)

13 August 1985 07:31:31.57

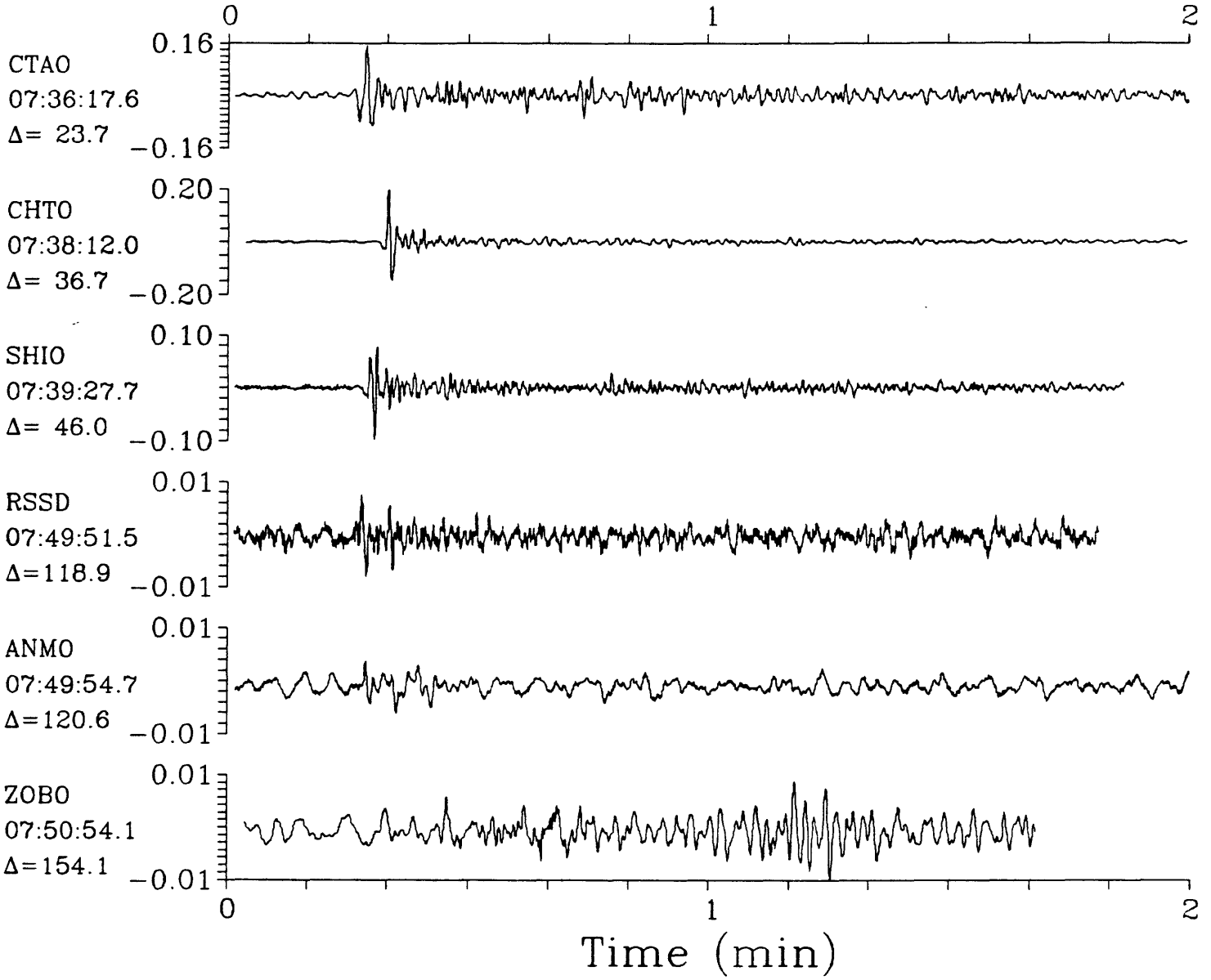
Ceram

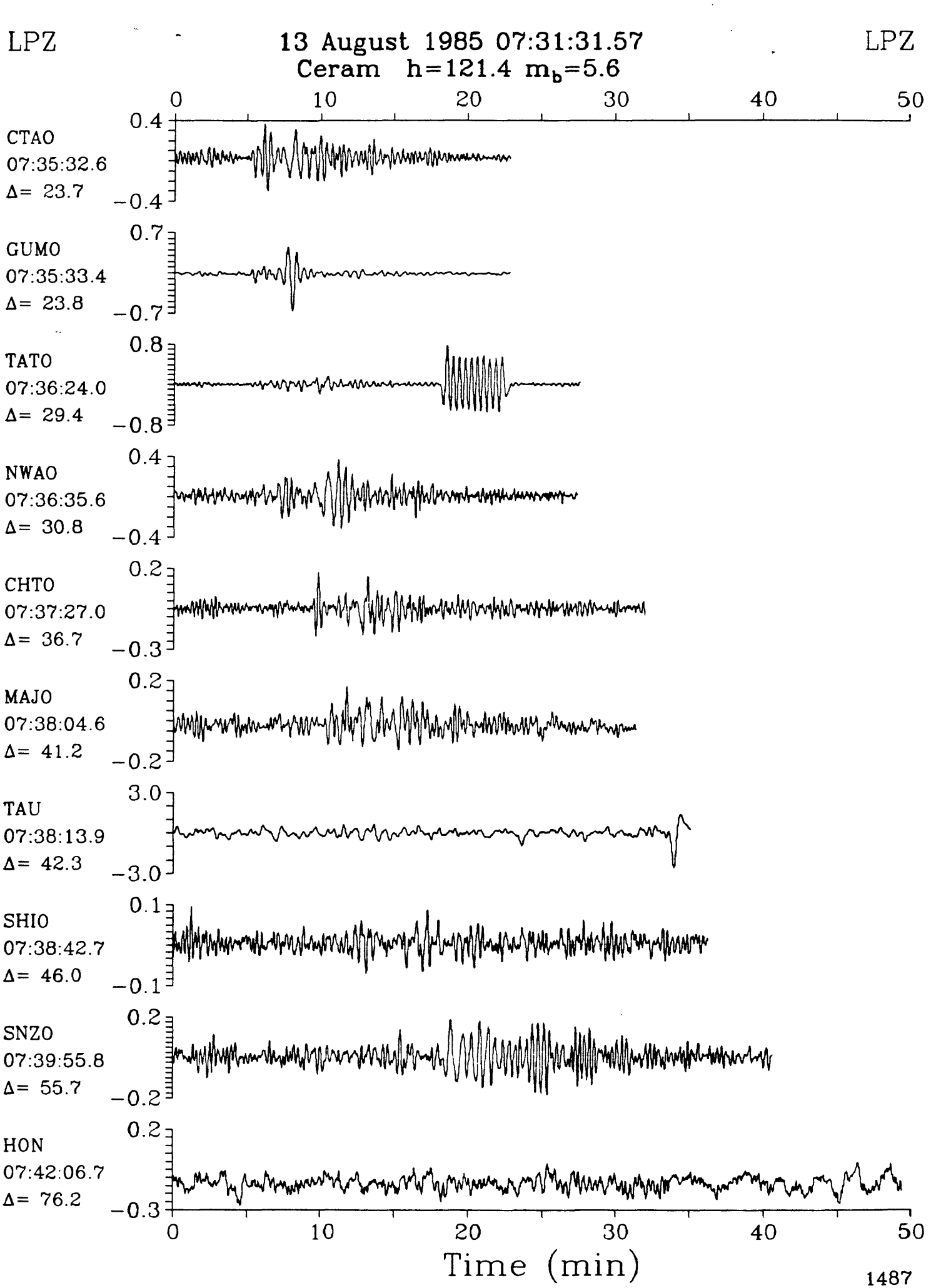


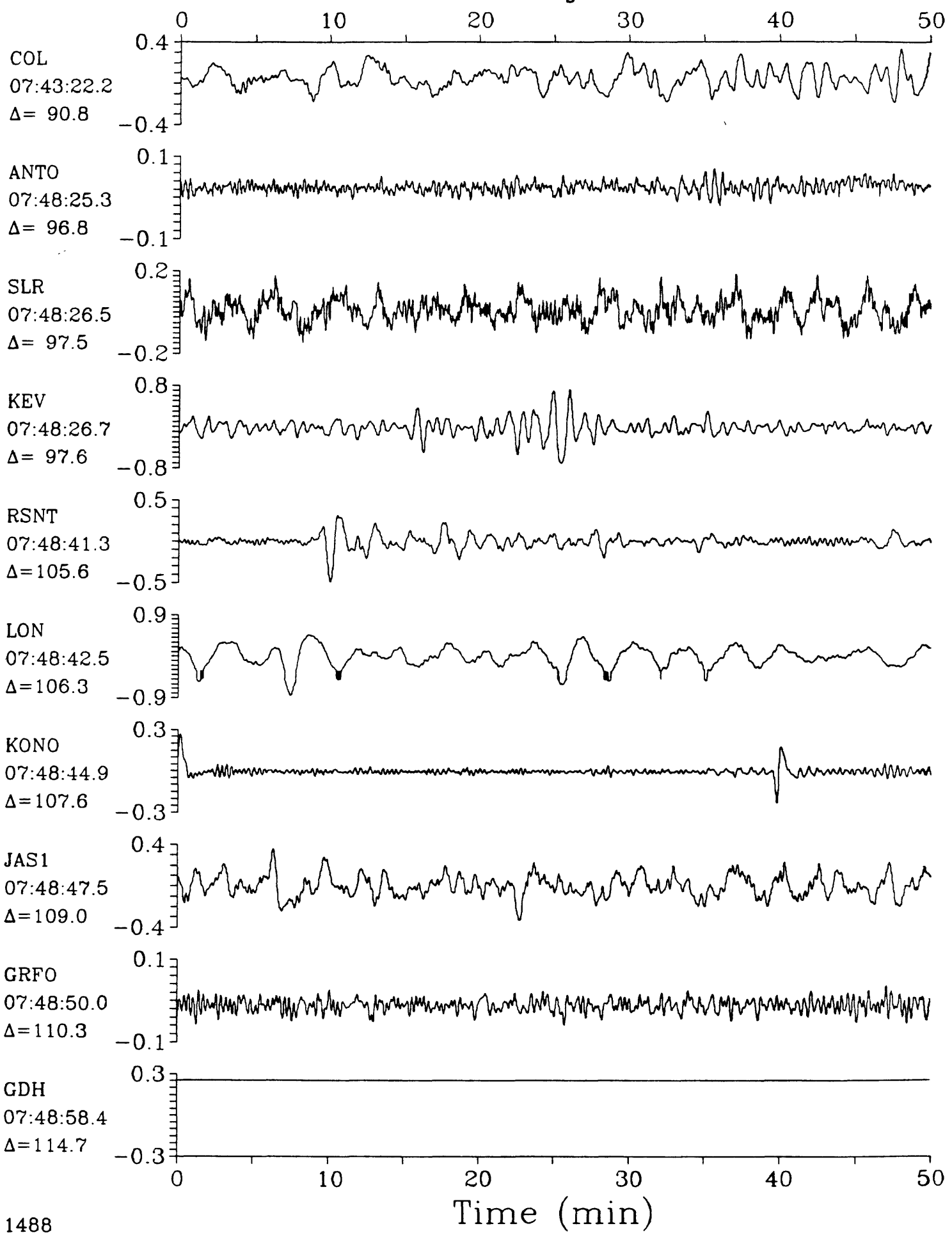
SPZ

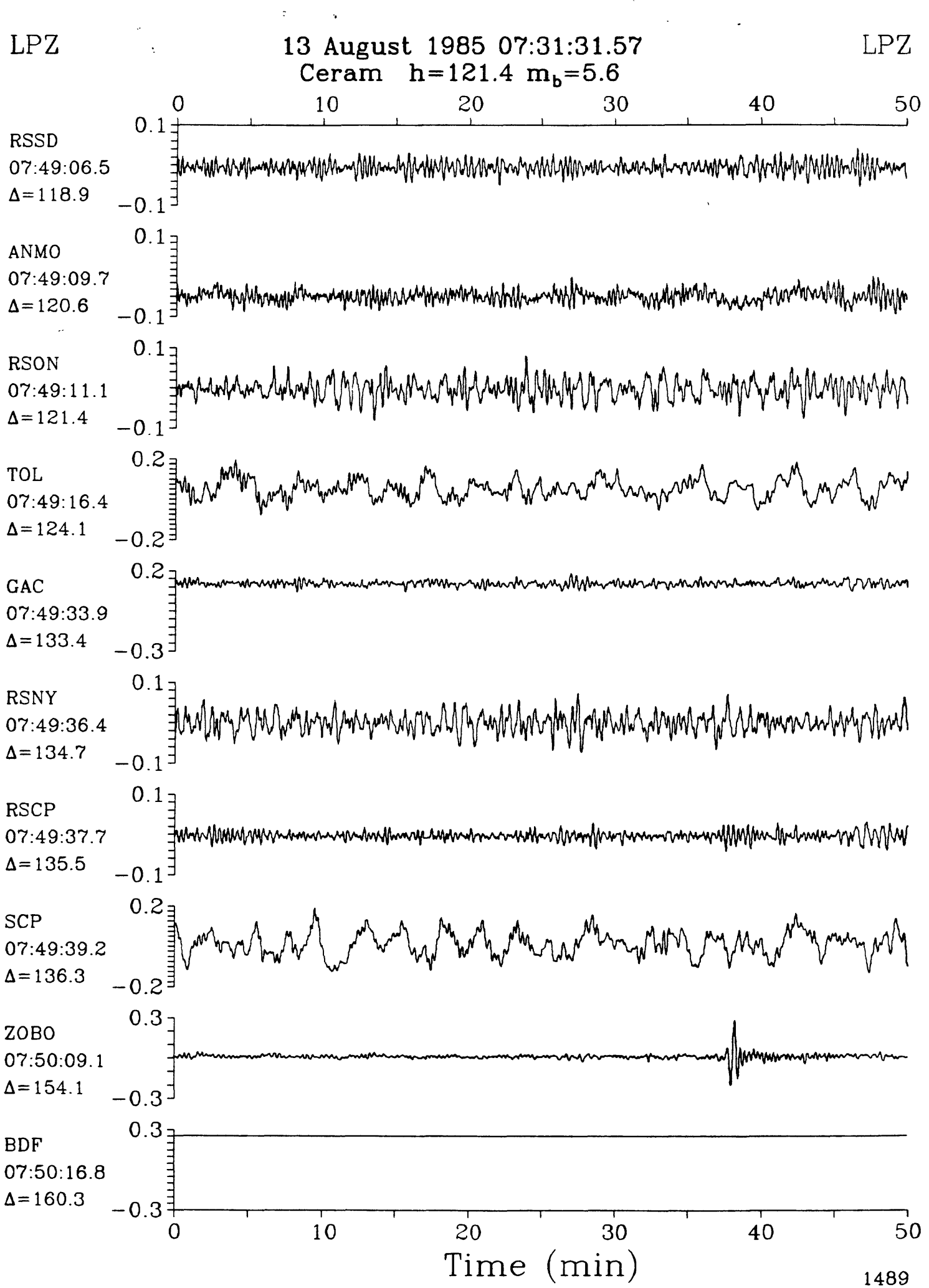
13 August 1985 07:31:31.57
Ceram h=121.4 m_b=5.6

SPZ



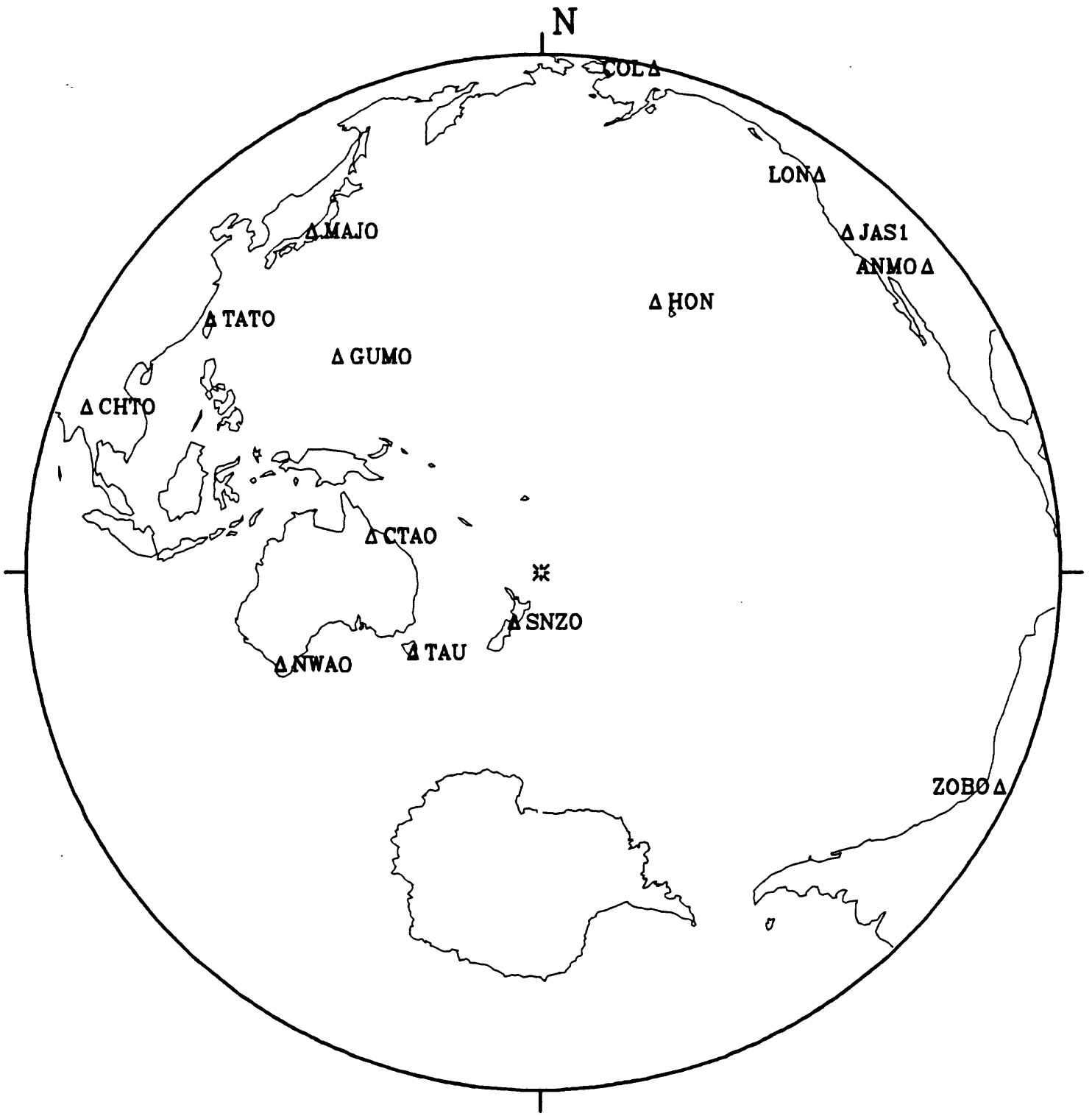

LPZ
13 August 1985 07:31:31.57
Ceram h=121.4 m_b=5.6
LPZ
0
10
20
30
40
50
CTAO
07:35:32.6
Δ= 23.7
0.4
−0.4
GUMO
07:35:33.4
Δ= 23.8
0.7
−0.7
TATO
07:36:24.0
Δ= 29.4
0.8
−0.8
NWAO
07:36:35.6
Δ= 30.8
0.4
−0.4
CHTO
07:37:27.0
Δ= 36.7
0.2
−0.3
MAJO
07:38:04.6
Δ= 41.2
0.2
−0.2
TAU
07:38:13.9
Δ= 42.3
3.0
−3.0
SHIO
07:38:42.7
Δ= 46.0
0.1
−0.1
SNZO
07:39:55.8
Δ= 55.7
0.2
−0.2
HON
07:42:06.7
Δ= 76.2
0.2
−0.3
0
10
20
30
40
50
Time (min)
1487


LPZ
13 August 1985 07:31:31.57
Ceram h=121.4 m_b=5.6
LPZ
0
10
20
30
40
50
COL
07:43:22.2
Δ= 90.8
0.4
−0.4
ANTO
07:48:25.3
Δ= 96.8
0.1
−0.1
SLR
07:48:26.5
Δ= 97.5
0.2
−0.2
KEV
07:48:26.7
Δ= 97.6
0.8
−0.8
RSNT
07:48:41.3
Δ=105.6
0.5
−0.5
LON
07:48:42.5
Δ=106.3
0.9
−0.9
KONO
07:48:44.9
Δ=107.6
0.3
−0.3
JAS1
07:48:47.5
Δ=109.0
0.4
−0.4
GRFO
07:48:50.0
Δ=110.3
0.1
−0.1
GDH
07:48:58.4
Δ=114.7
0.3
−0.3
0
10
20
30
40
50
Time (min)


LPZ
13 August 1985 07:31:31.57
Ceram h=121.4 m_b=5.6
LPZ
0
10
20
30
40
50
RSSD
07:49:06.5
Δ=118.9
0.1
−0.1
ANMO
07:49:09.7
Δ=120.6
0.1
−0.1
RSON
07:49:11.1
Δ=121.4
0.1
−0.1
TOL
07:49:16.4
Δ=124.1
0.2
−0.2
GAC
07:49:33.9
Δ=133.4
0.2
−0.3
RSNY
07:49:36.4
Δ=134.7
0.1
−0.1
RSCP
07:49:37.7
Δ=135.5
0.1
−0.1
SCP
07:49:39.2
Δ=136.3
0.2
−0.2
ZOBO
07:50:09.1
Δ=154.1
0.3
−0.3
BDF
07:50:16.8
Δ=160.3
0.3
−0.3
0
10
20
30
40
50
Time (min)
1489

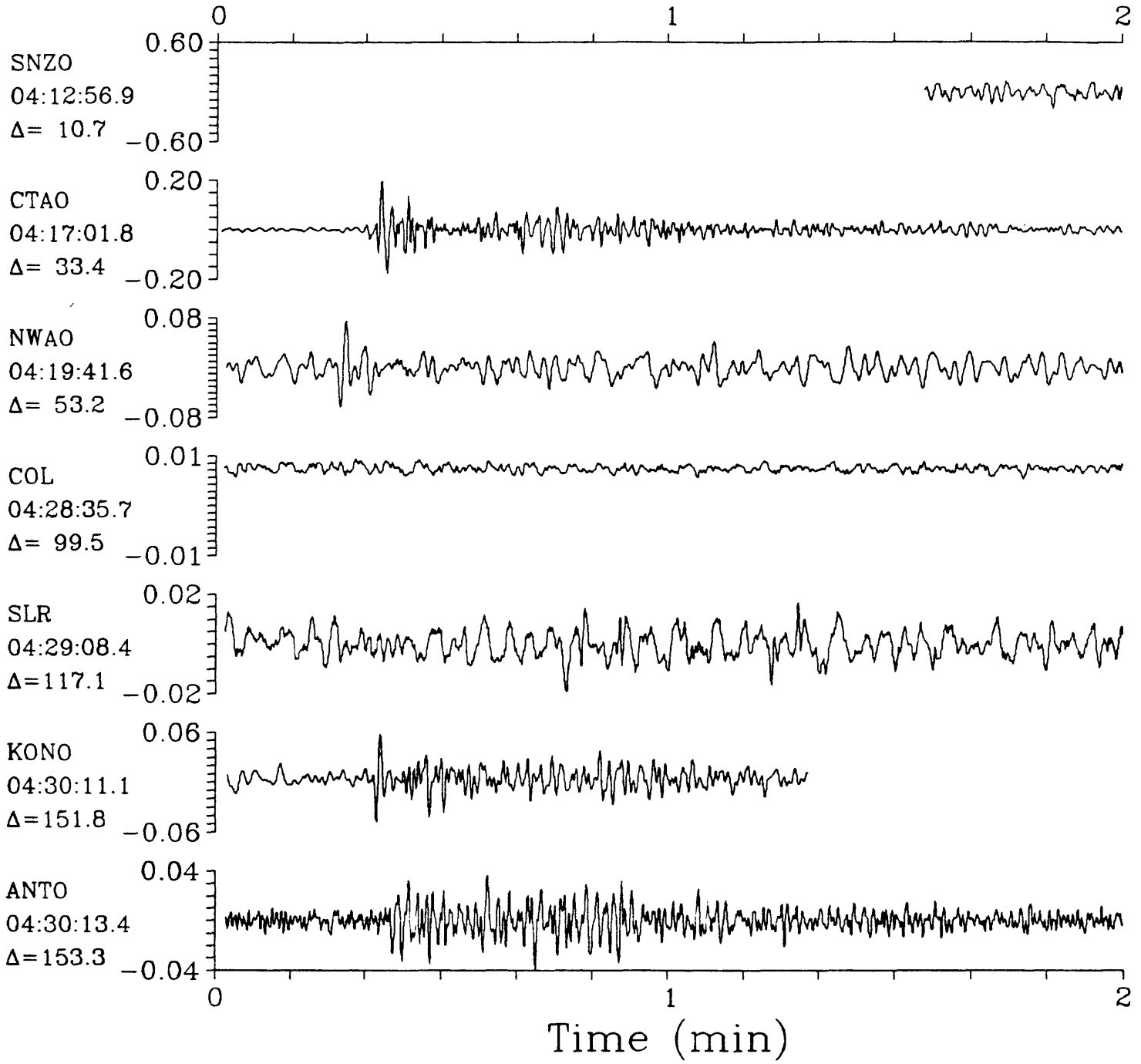
14 August 1985 04:10:41.08

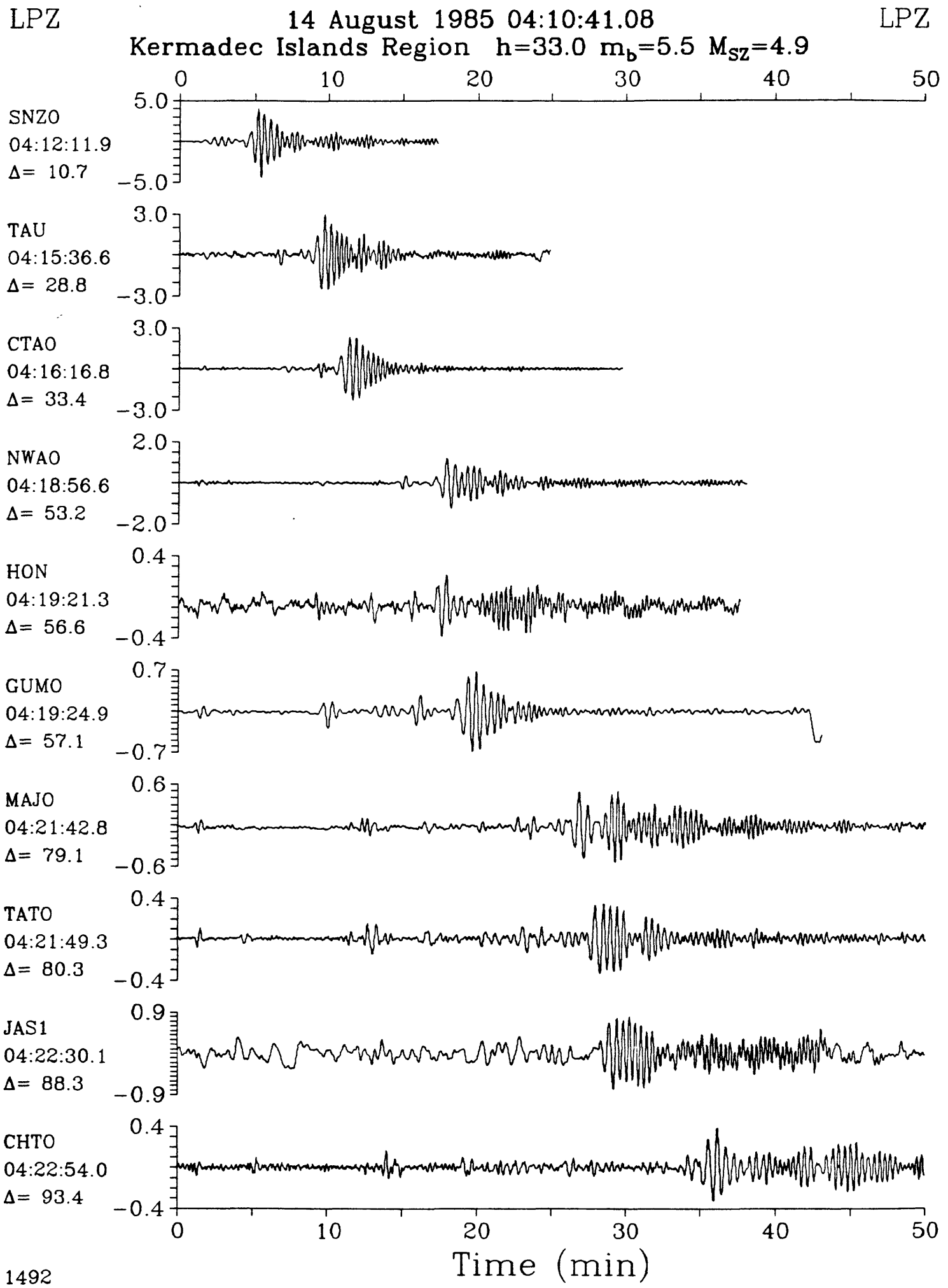
Kermadec Islands Region

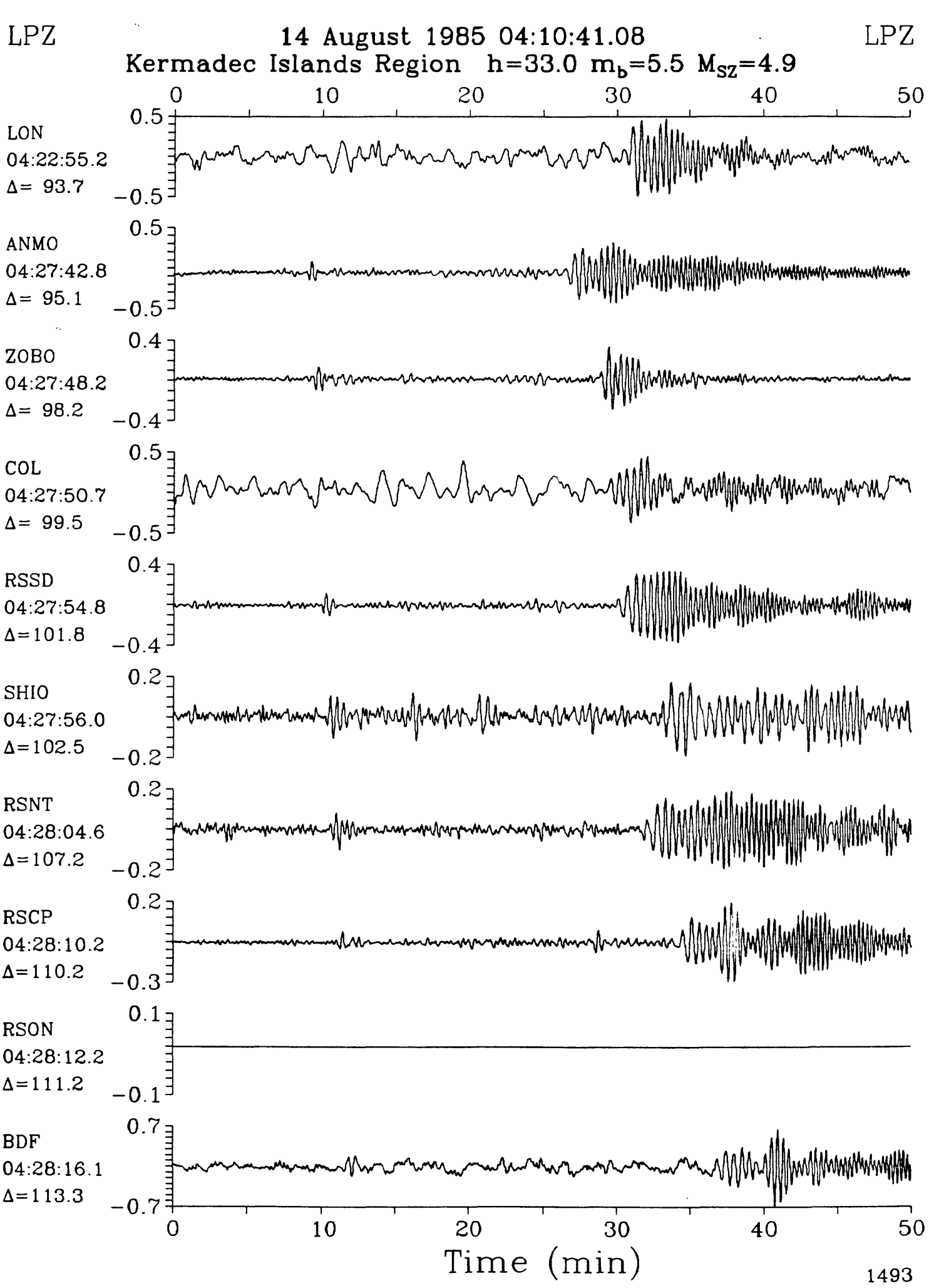


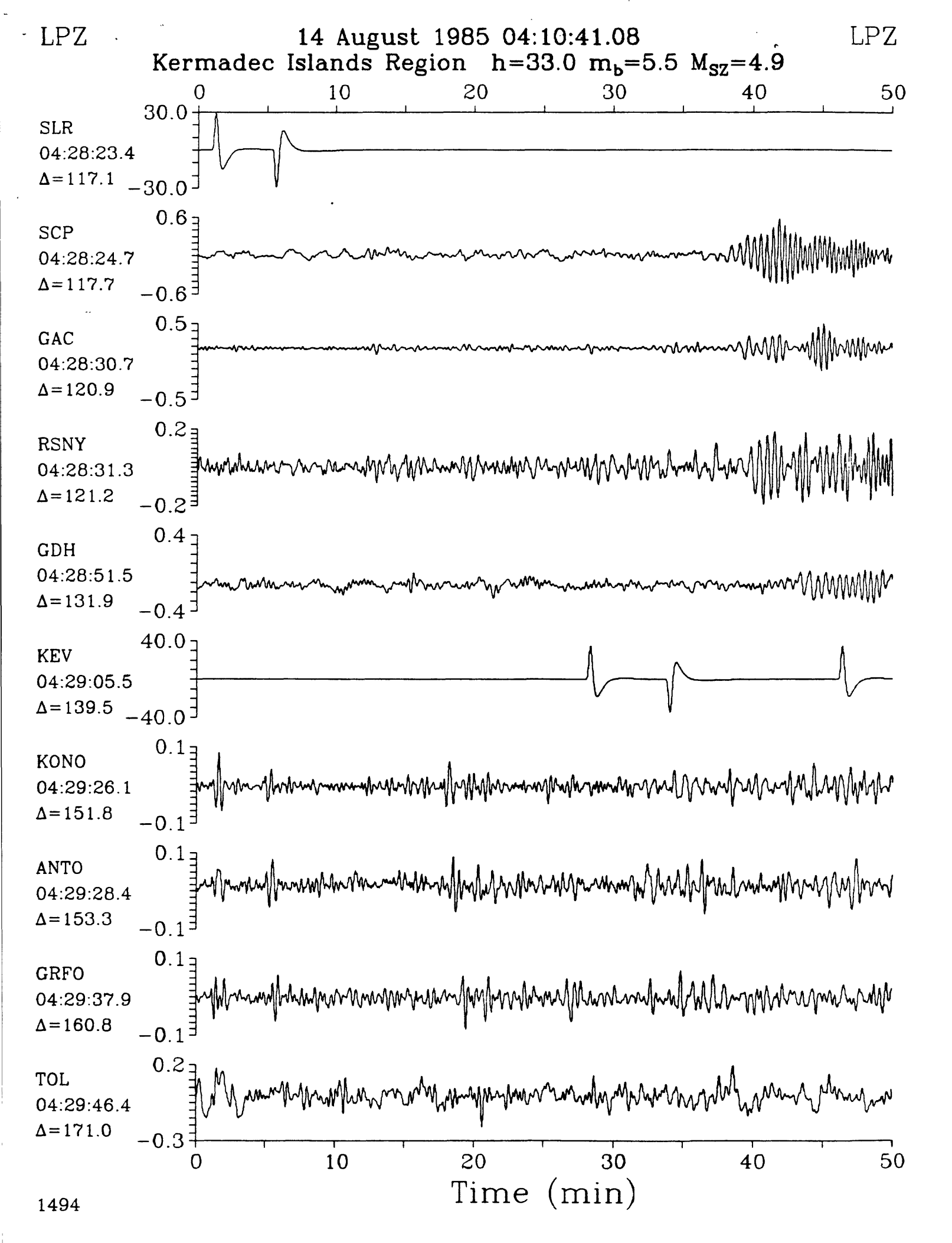
SPZ 14 August 1985 04:10:41.08 SPZ

Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=4.9



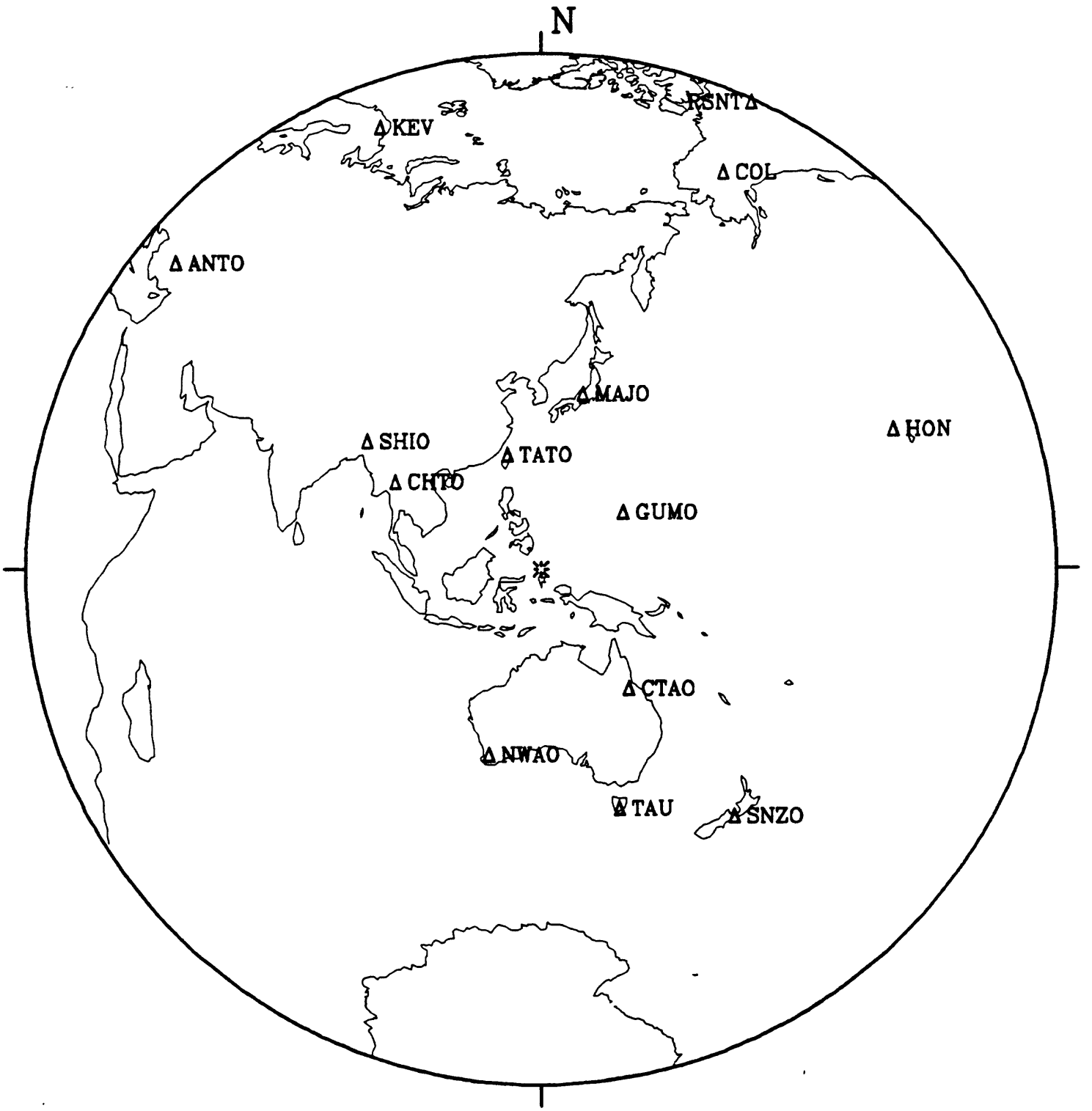

LPZ
14 August 1985 04:10:41.08
LPZ
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=4.9
0
10
20
30
40
50
SNZO
04:12:11.9
Δ= 10.7
5.0
-5.0
TAU
04:15:36.6
Δ= 28.8
3.0
-3.0
CTAO
04:16:16.8
Δ= 33.4
3.0
-3.0
NWAO
04:18:56.6
Δ= 53.2
2.0
-2.0
HON
04:19:21.3
Δ= 56.6
0.4
-0.4
GUMO
04:19:24.9
Δ= 57.1
0.7
-0.7
MAJO
04:21:42.8
Δ= 79.1
0.6
-0.6
TATO
04:21:49.3
Δ= 80.3
0.4
-0.4
JAS1
04:22:30.1
Δ= 88.3
0.9
-0.9
CHTO
04:22:54.0
Δ= 93.4
0.4
-0.4
0
10
20
30
40
50
Time (min)

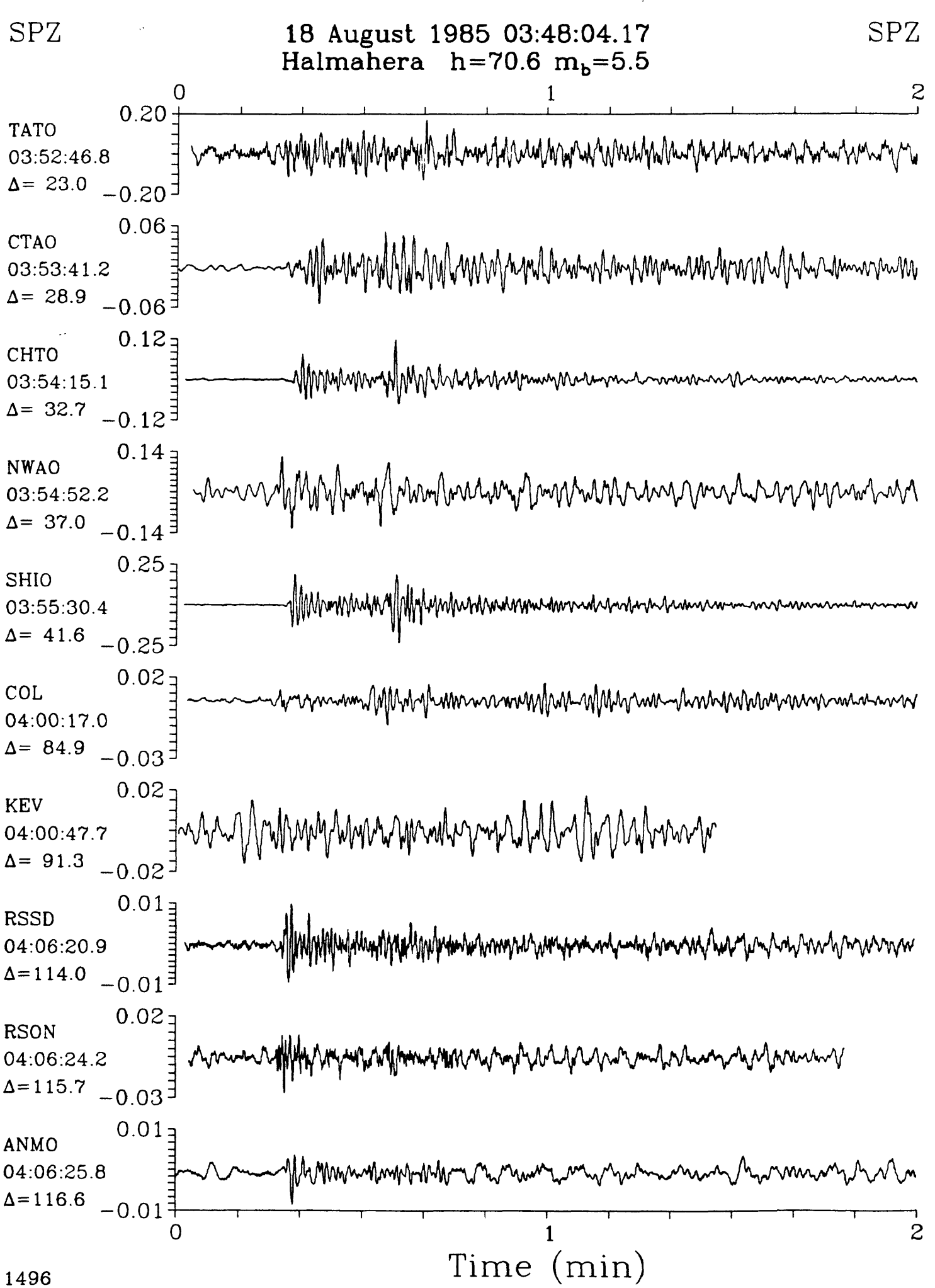

LPZ
14 August 1985 04:10:41.08
LPZ
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=4.9
0
10
20
30
40
50
LON
04:22:55.2
Δ= 93.7
0.5
−0.5
ANMO
04:27:42.8
Δ= 95.1
0.5
−0.5
ZOBO
04:27:48.2
Δ= 98.2
0.4
−0.4
COL
04:27:50.7
Δ= 99.5
0.5
−0.5
RSSD
04:27:54.8
Δ=101.8
0.4
−0.4
SHIO
04:27:56.0
Δ=102.5
0.2
−0.2
RSNT
04:28:04.6
Δ=107.2
0.2
−0.2
RSCP
04:28:10.2
Δ=110.2
0.2
−0.3
RSON
04:28:12.2
Δ=111.2
0.1
−0.1
BDF
04:28:16.1
Δ=113.3
0.7
−0.7
0
10
20
30
40
50
Time (min)
1493

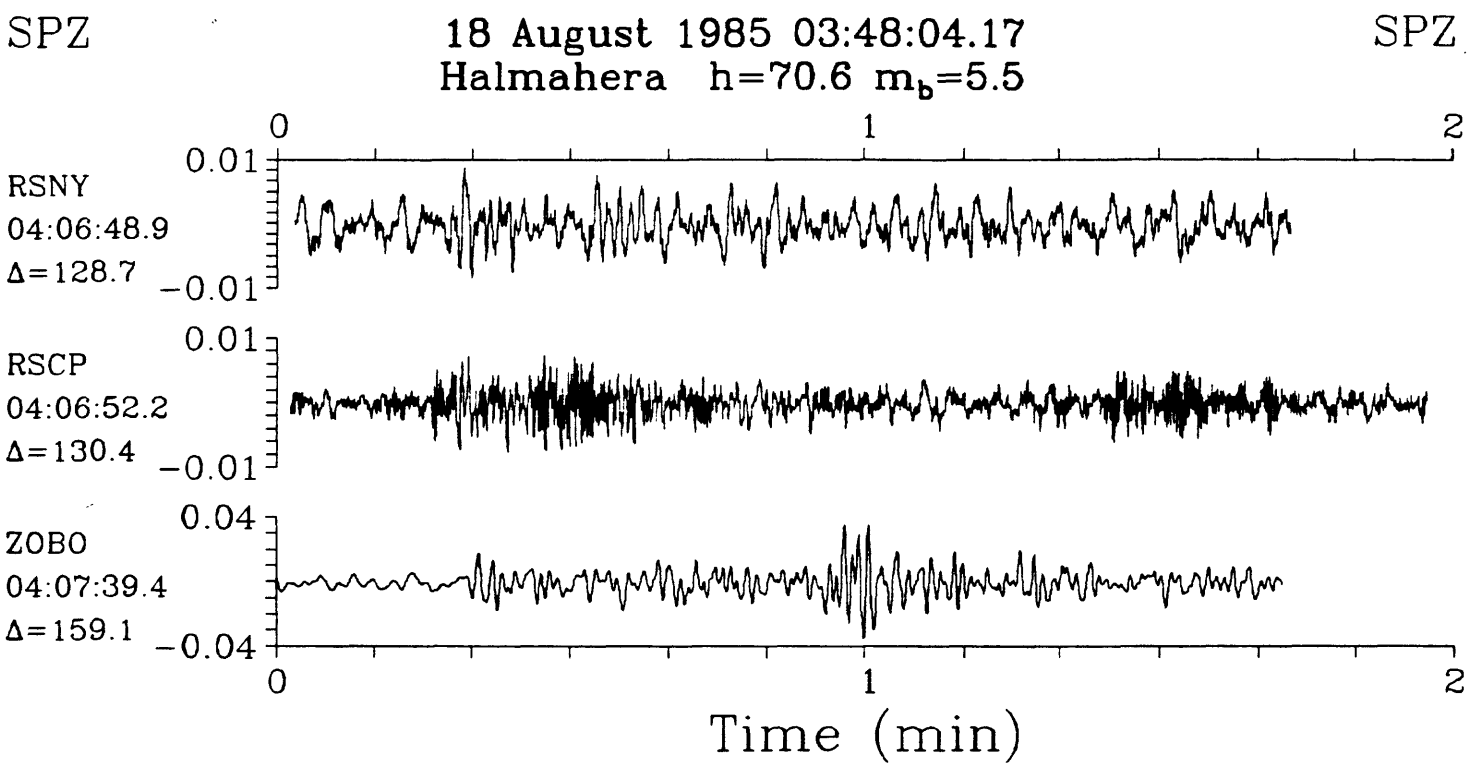

LPZ
14 August 1985 04:10:41.08
LPZ
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=4.9
0
10
20
30
40
50
SLR
04:28:23.4
Δ=117.1
30.0
-30.0
SCP
04:28:24.7
Δ=117.7
0.6
-0.6
GAC
04:28:30.7
Δ=120.9
0.5
-0.5
RSNY
04:28:31.3
Δ=121.2
0.2
-0.2
GDH
04:28:51.5
Δ=131.9
0.4
-0.4
KEV
04:29:05.5
Δ=139.5
40.0
-40.0
KONO
04:29:26.1
Δ=151.8
0.1
-0.1
ANTO
04:29:28.4
Δ=153.3
0.1
-0.1
GRFO
04:29:37.9
Δ=160.8
0.1
-0.1
TOL
04:29:46.4
Δ=171.0
0.2
-0.3
0
10
20
30
40
50
Time (min)

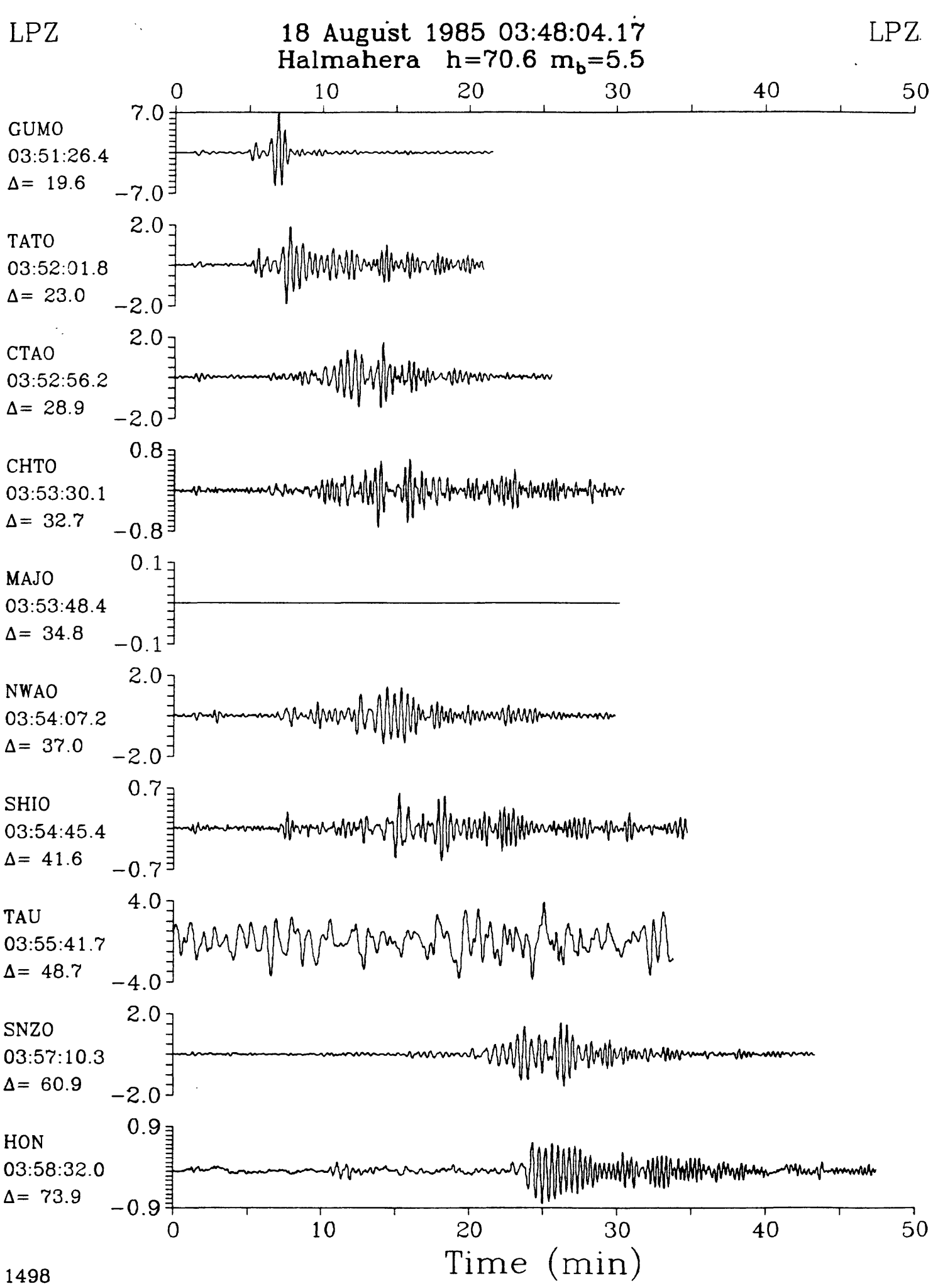
18 August 1985 03:48:04.17

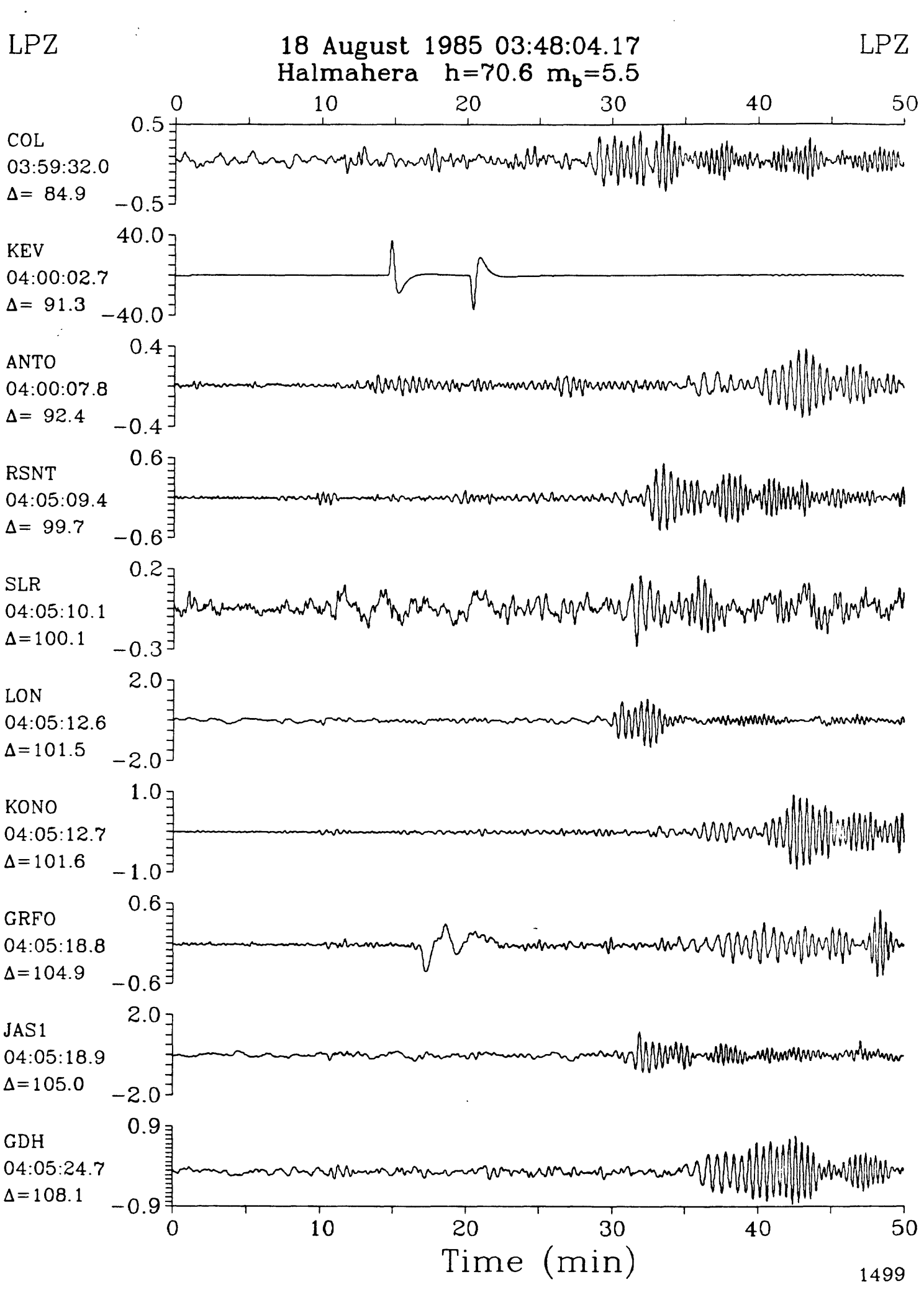
Halmahera

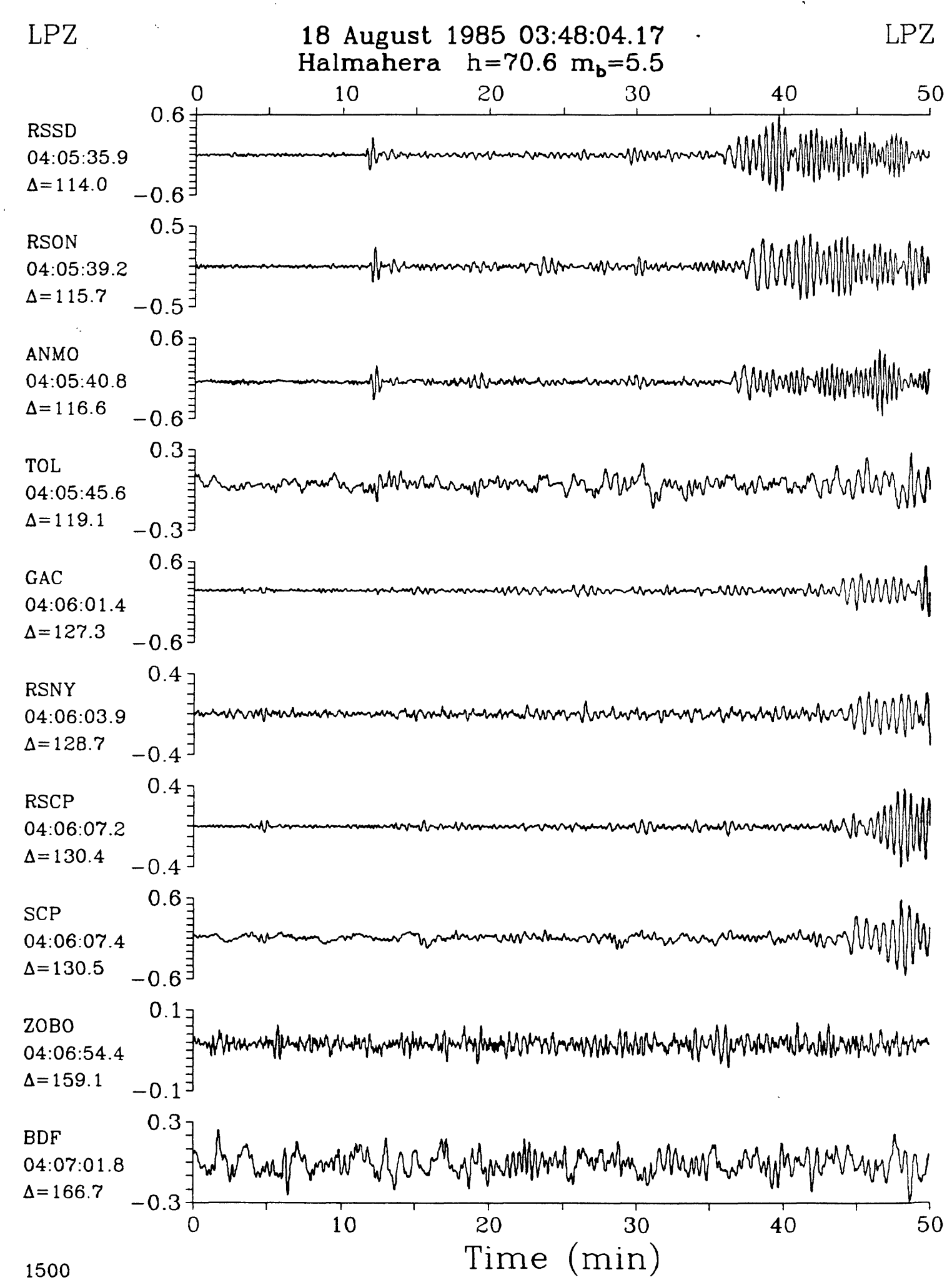



SPZ
18 August 1985 03:48:04.17
Halmahera h=70.6 m_b=5.5
SPZ
0
1
2
TATO
03:52:46.8
Δ= 23.0
0.20
−0.20
CTAO
03:53:41.2
Δ= 28.9
0.06
−0.06
CHTO
03:54:15.1
Δ= 32.7
0.12
−0.12
NWAO
03:54:52.2
Δ= 37.0
0.14
−0.14
SHIO
03:55:30.4
Δ= 41.6
0.25
−0.25
COL
04:00:17.0
Δ= 84.9
0.02
−0.03
KEV
04:00:47.7
Δ= 91.3
0.02
−0.02
RSSD
04:06:20.9
Δ=114.0
0.01
−0.01
RSON
04:06:24.2
Δ=115.7
0.02
−0.03
ANMO
04:06:25.8
Δ=116.6
0.01
−0.01
0
1
2
Time (min)


SPZ
18 August 1985 03:48:04.17
Halmahera h=70.6 m_b=5.5
SPZ
0
1
2
0.01
RSNY
04:06:48.9
Δ=128.7
−0.01
0.01
RSCP
04:06:52.2
Δ=130.4
−0.01
0.04
ZOBO
04:07:39.4
Δ=159.1
−0.04
0
1
2
Time (min)

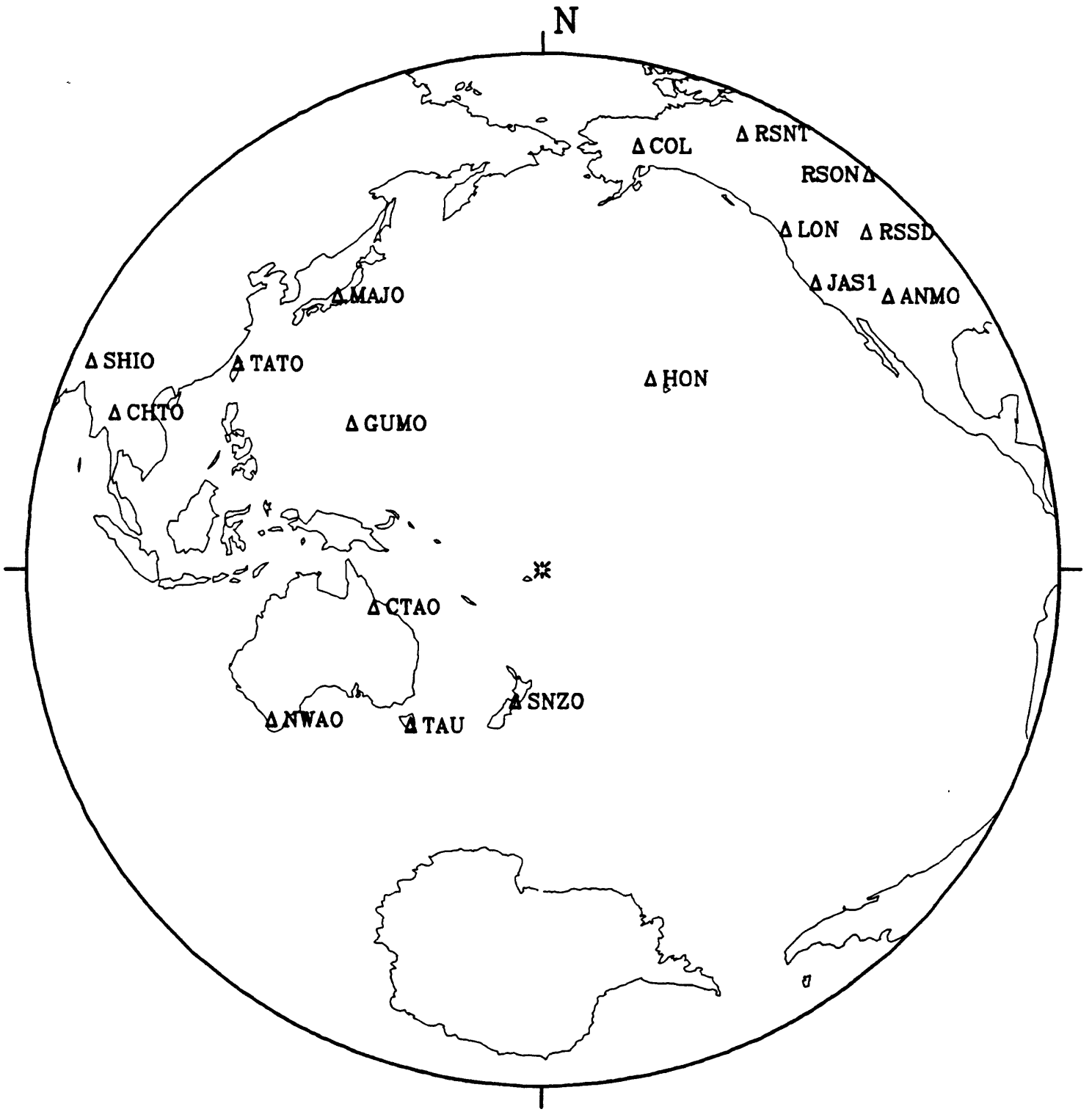

LPZ
18 August 1985 03:48:04.17
Halmahera h=70.6 m_b=5.5
LPZ
0
10
20
30
40
50
GUMO
03:51:26.4
Δ= 19.6
7.0
-7.0
TATO
03:52:01.8
Δ= 23.0
2.0
-2.0
CTAO
03:52:56.2
Δ= 28.9
2.0
-2.0
CHTO
03:53:30.1
Δ= 32.7
0.8
-0.8
MAJO
03:53:48.4
Δ= 34.8
0.1
-0.1
NWAO
03:54:07.2
Δ= 37.0
2.0
-2.0
SHIO
03:54:45.4
Δ= 41.6
0.7
-0.7
TAU
03:55:41.7
Δ= 48.7
4.0
-4.0
SNZO
03:57:10.3
Δ= 60.9
2.0
-2.0
HON
03:58:32.0
Δ= 73.9
0.9
-0.9
0
10
20
30
40
50
Time (min)

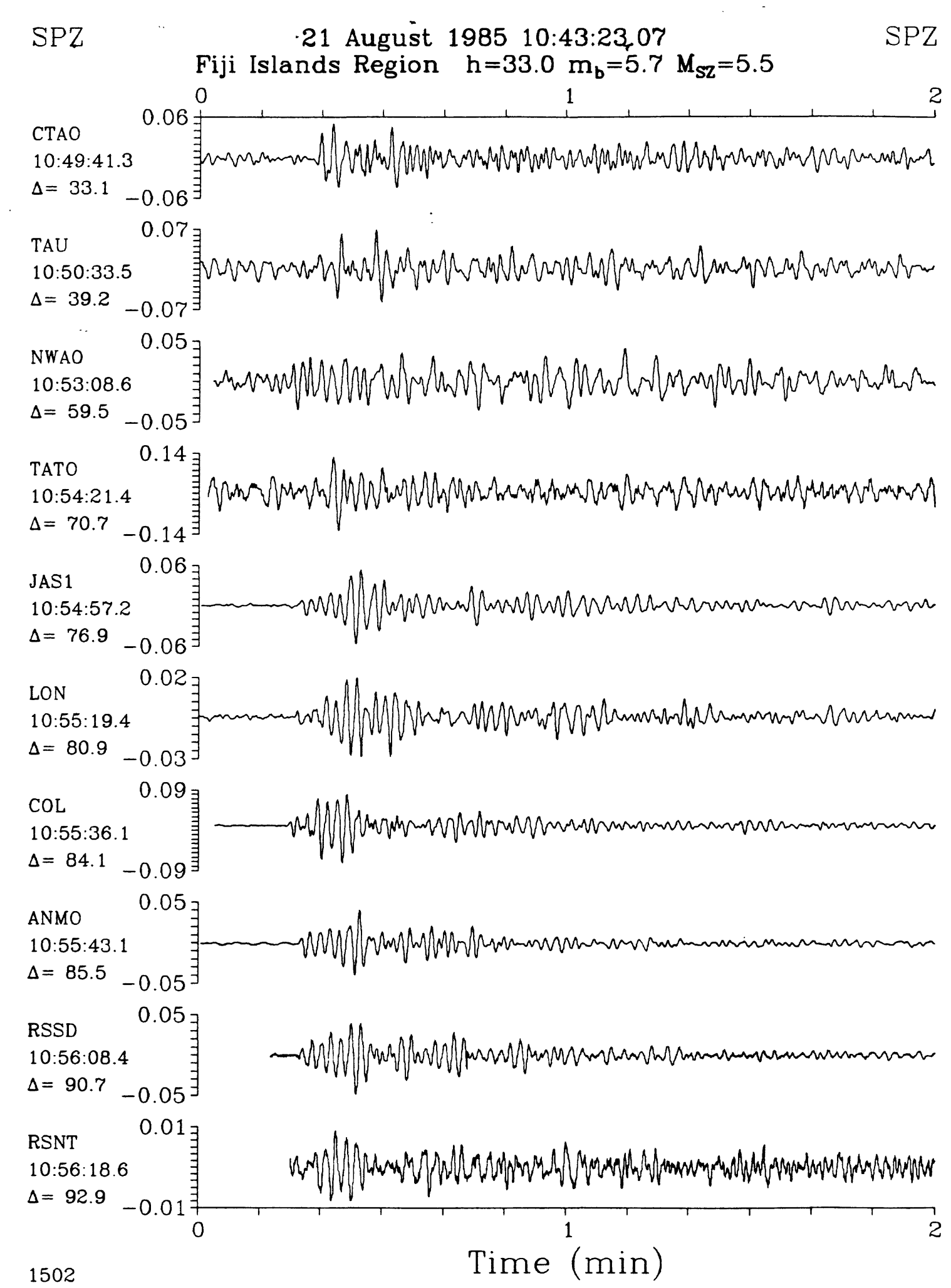

LPZ
18 August 1985 03:48:04.17
Halmahera h=70.6 m_b=5.5
LPZ
0
10
20
30
40
50
COL
03:59:32.0
Δ= 84.9
0.5
−0.5
KEV
04:00:02.7
Δ= 91.3
40.0
−40.0
ANTO
04:00:07.8
Δ= 92.4
0.4
−0.4
RSNT
04:05:09.4
Δ= 99.7
0.6
−0.6
SLR
04:05:10.1
Δ=100.1
0.2
−0.3
LON
04:05:12.6
Δ=101.5
2.0
−2.0
KONO
04:05:12.7
Δ=101.6
1.0
−1.0
GRFO
04:05:18.8
Δ=104.9
0.6
−0.6
JAS1
04:05:18.9
Δ=105.0
2.0
−2.0
GDH
04:05:24.7
Δ=108.1
0.9
−0.9
0
10
20
30
40
50
Time (min)
1499


LPZ
18 August 1985 03:48:04.17
Halmahera h=70.6 m_b=5.5
LPZ
0
10
20
30
40
50
RSSD
04:05:35.9
Δ=114.0
0.6
-0.6
RSON
04:05:39.2
Δ=115.7
0.5
-0.5
ANMO
04:05:40.8
Δ=116.6
0.6
-0.6
TOL
04:05:45.6
Δ=119.1
0.3
-0.3
GAC
04:06:01.4
Δ=127.3
0.6
-0.6
RSNY
04:06:03.9
Δ=128.7
0.4
-0.4
RSCP
04:06:07.2
Δ=130.4
0.4
-0.4
SCP
04:06:07.4
Δ=130.5
0.6
-0.6
ZOBO
04:06:54.4
Δ=159.1
0.1
-0.1
BDF
04:07:01.8
Δ=166.7
0.3
-0.3
0
10
20
30
40
50
Time (min)
1500

21 August 1985 10:43:23.07

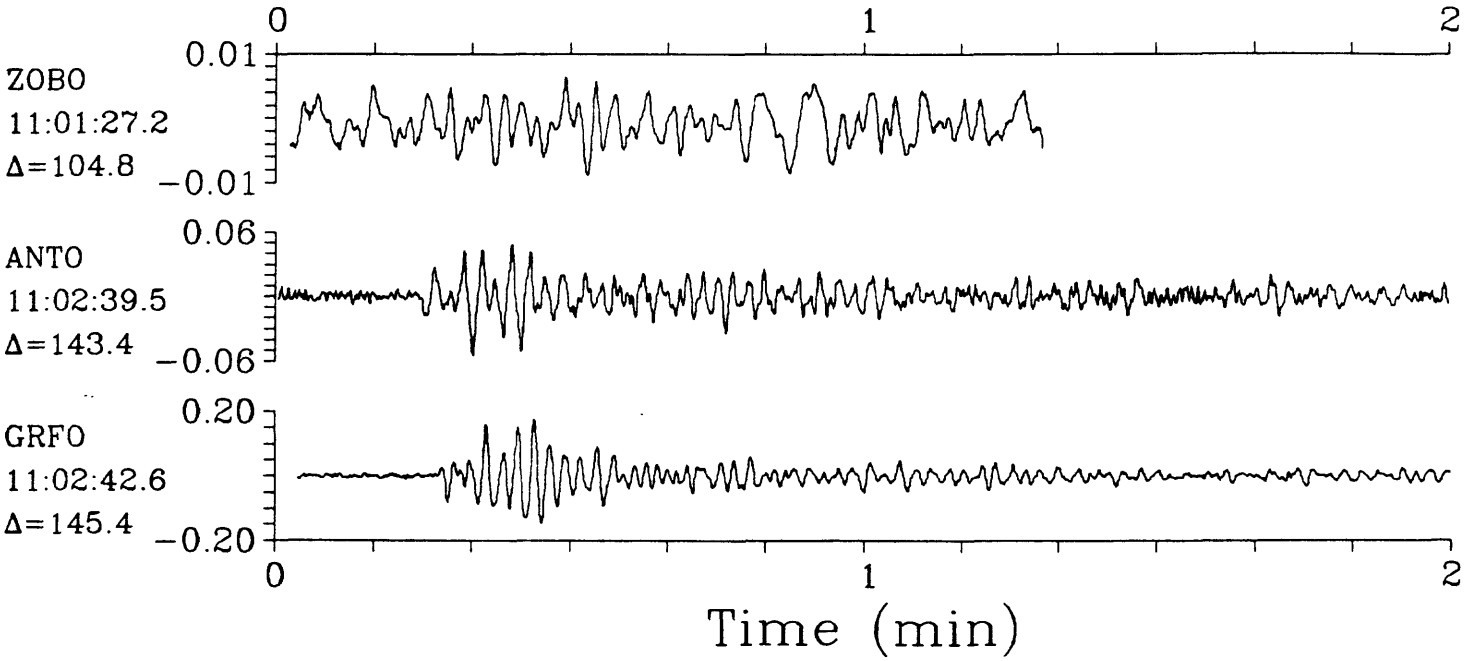
Fiji Islands Region

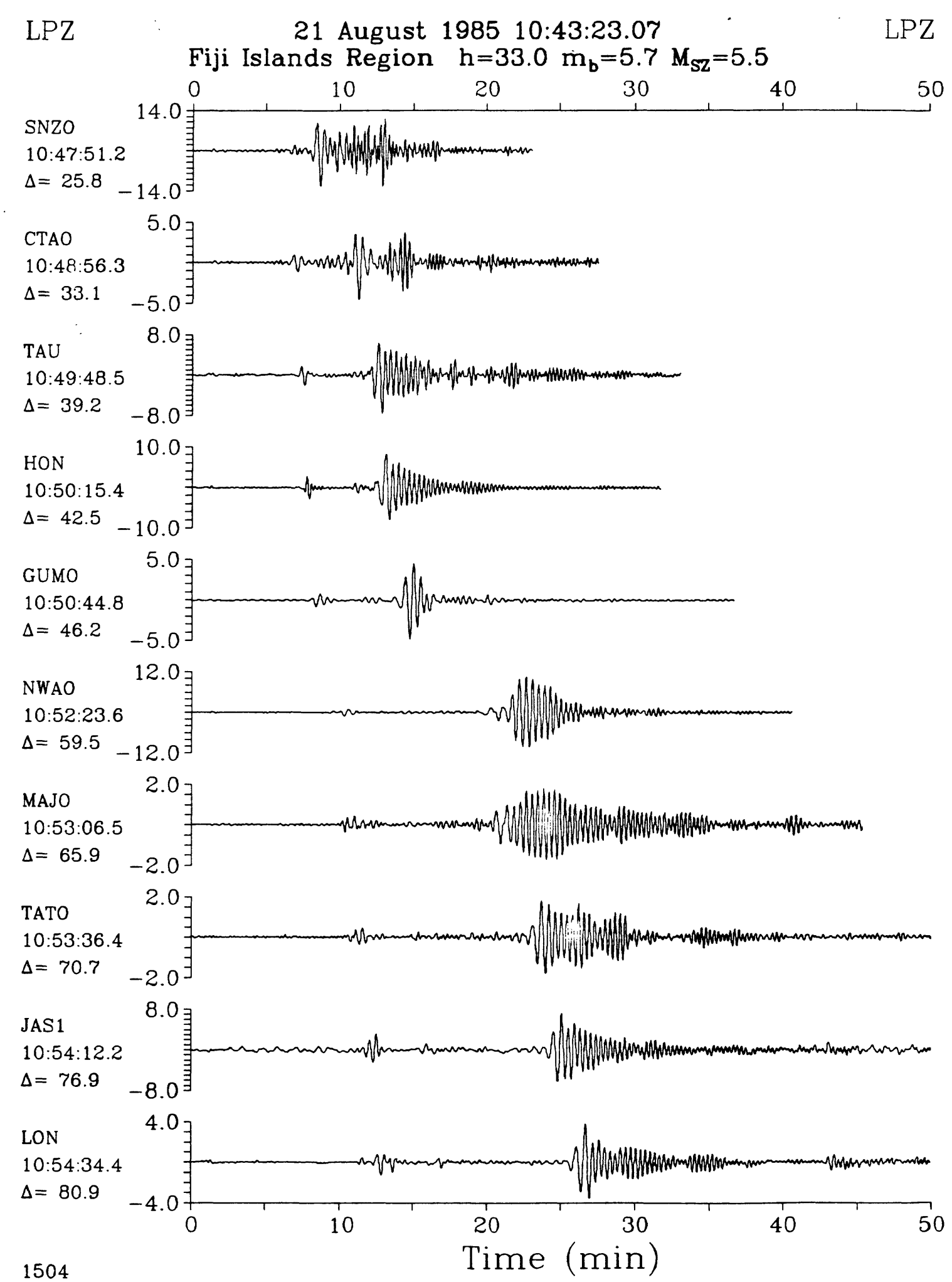


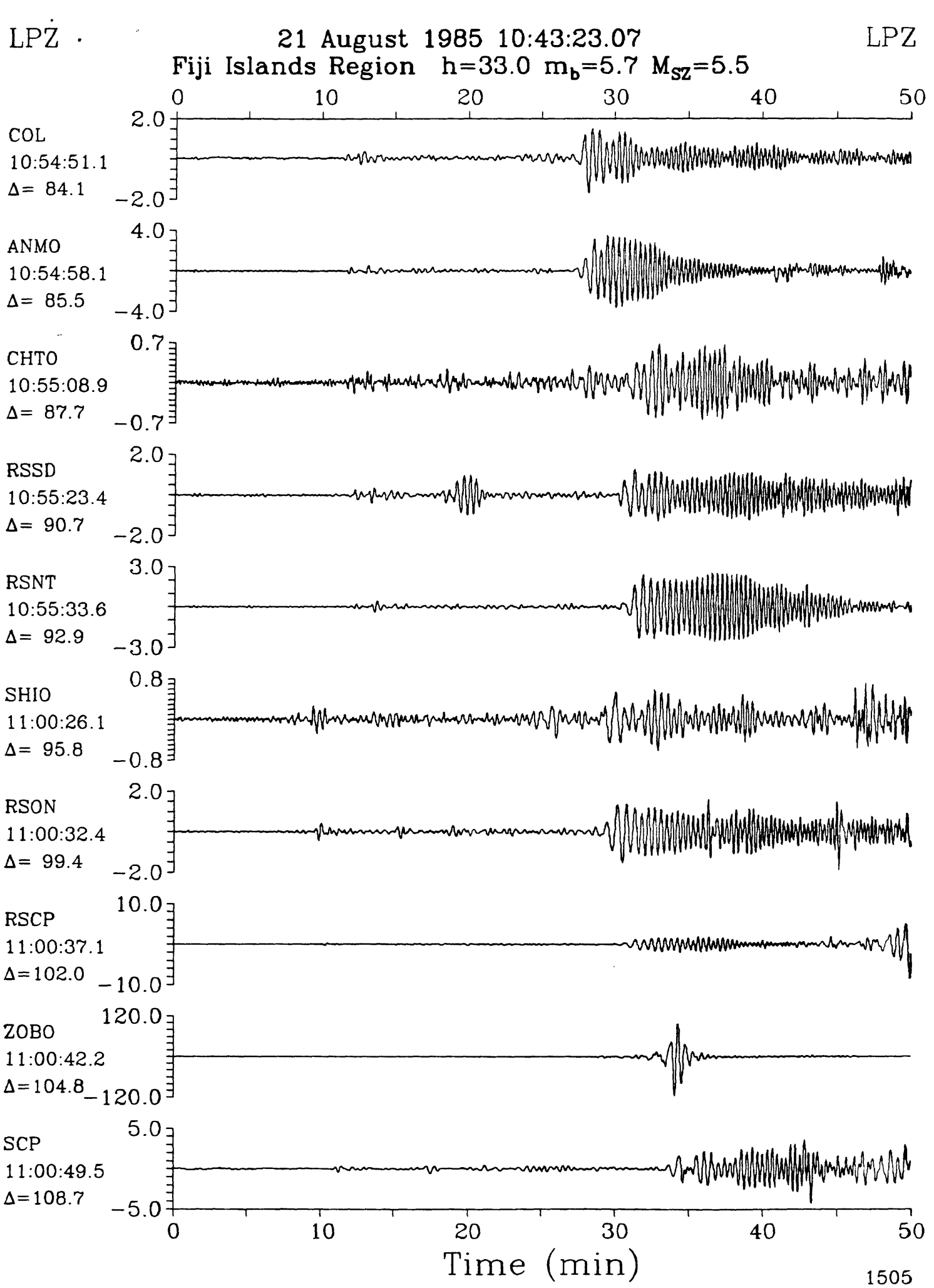

SPZ
21 August 1985 10:43:23.07
SPZ
Fiji Islands Region h=33.0 m_b=5.7 M_{SZ}=5.5
0
1
2
0.06
CTAO
10:49:41.3
Δ= 33.1
−0.06
0.07
TAU
10:50:33.5
Δ= 39.2
−0.07
0.05
NWAO
10:53:08.6
Δ= 59.5
−0.05
0.14
TATO
10:54:21.4
Δ= 70.7
−0.14
0.06
JAS1
10:54:57.2
Δ= 76.9
−0.06
0.02
LON
10:55:19.4
Δ= 80.9
−0.03
0.09
COL
10:55:36.1
Δ= 84.1
−0.09
0.05
ANMO
10:55:43.1
Δ= 85.5
−0.05
0.05
RSSD
10:56:08.4
Δ= 90.7
−0.05
0.01
RSNT
10:56:18.6
Δ= 92.9
−0.01
0
1
2
Time (min)
1502

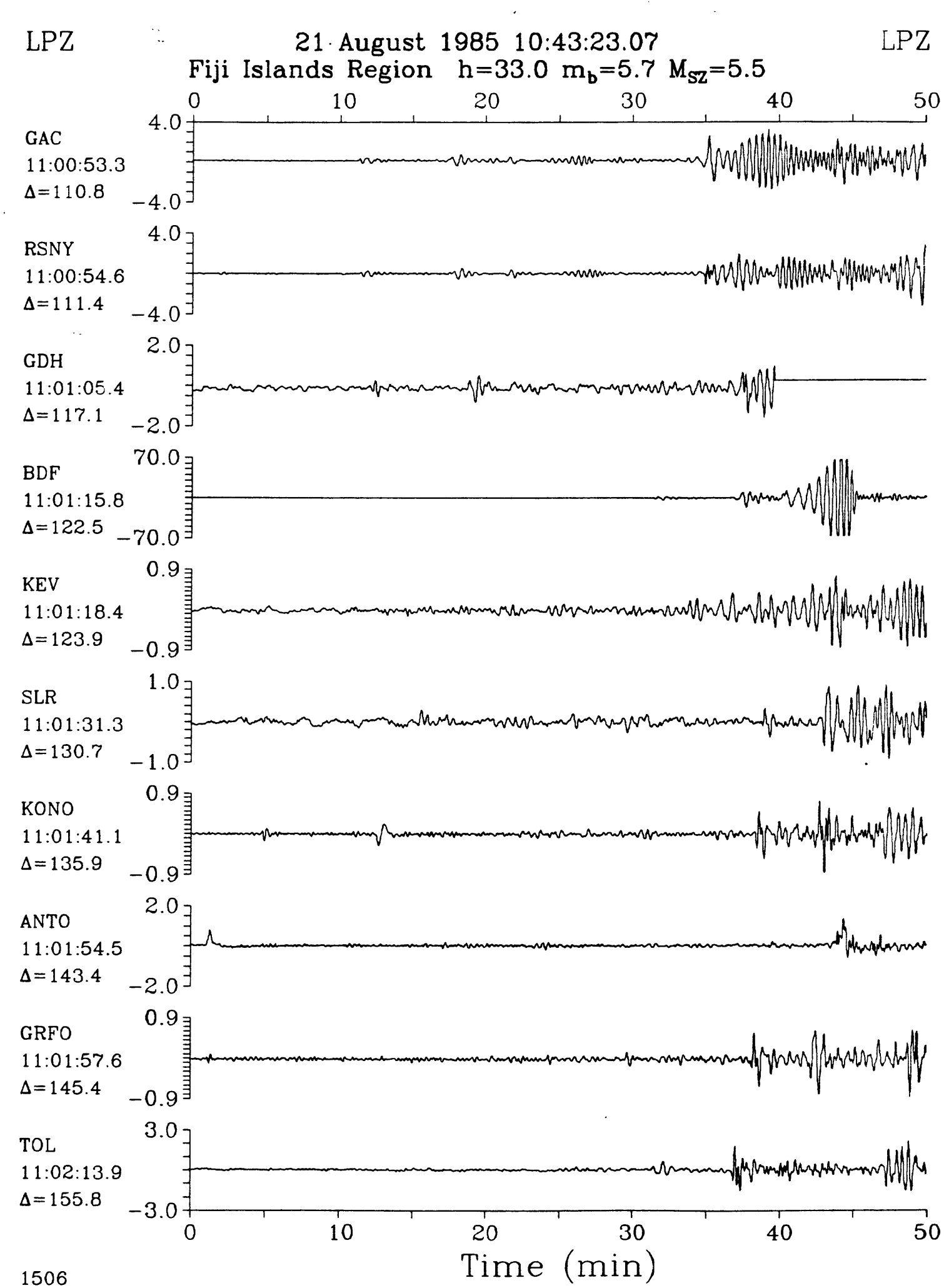
SPZ 21 August 1985 10:43:23.07 SPZ

Fiji Islands Region h=33.0 m_b=5.7 M_{SZ}=5.5




LPZ
21 August 1985 10:43:23.07
Fiji Islands Region h=33.0 m_b=5.7 M_{SZ}=5.5
LPZ
0
10
20
30
40
50
SNZO
10:47:51.2
Δ= 25.8
14.0
-14.0
CTAO
10:48:56.3
Δ= 33.1
5.0
-5.0
TAU
10:49:48.5
Δ= 39.2
8.0
-8.0
HON
10:50:15.4
Δ= 42.5
10.0
-10.0
GUMO
10:50:44.8
Δ= 46.2
5.0
-5.0
NWAO
10:52:23.6
Δ= 59.5
12.0
-12.0
MAJO
10:53:06.5
Δ= 65.9
2.0
-2.0
TATO
10:53:36.4
Δ= 70.7
2.0
-2.0
JAS1
10:54:12.2
Δ= 76.9
8.0
-8.0
LON
10:54:34.4
Δ= 80.9
4.0
-4.0
0
10
20
30
40
50
Time (min)
1504

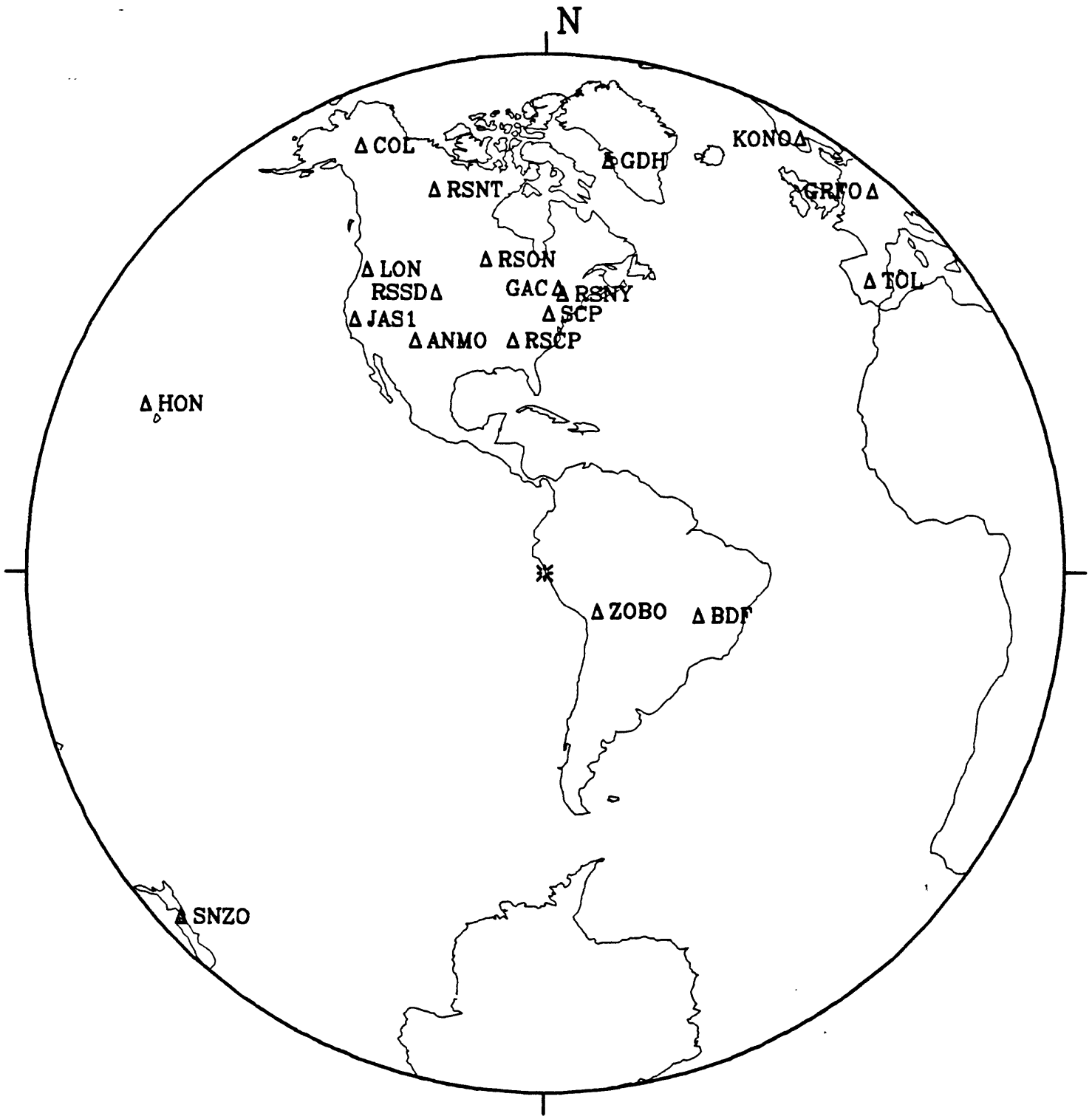

LPZ
21 August 1985 10:43:23.07
LPZ
Fiji Islands Region h=33.0 m_b=5.7 M_{SZ}=5.5
0
10
20
30
40
50
COL
10:54:51.1
Δ= 84.1
2.0
-2.0
ANMO
10:54:58.1
Δ= 85.5
4.0
-4.0
CHTO
10:55:08.9
Δ= 87.7
0.7
-0.7
RSSD
10:55:23.4
Δ= 90.7
2.0
-2.0
RSNT
10:55:33.6
Δ= 92.9
3.0
-3.0
SHIO
11:00:26.1
Δ= 95.8
0.8
-0.8
RSON
11:00:32.4
Δ= 99.4
2.0
-2.0
RSCP
11:00:37.1
Δ=102.0
10.0
-10.0
ZOBO
11:00:42.2
Δ=104.8
120.0
-120.0
SCP
11:00:49.5
Δ=108.7
5.0
-5.0
Time (min)
1505

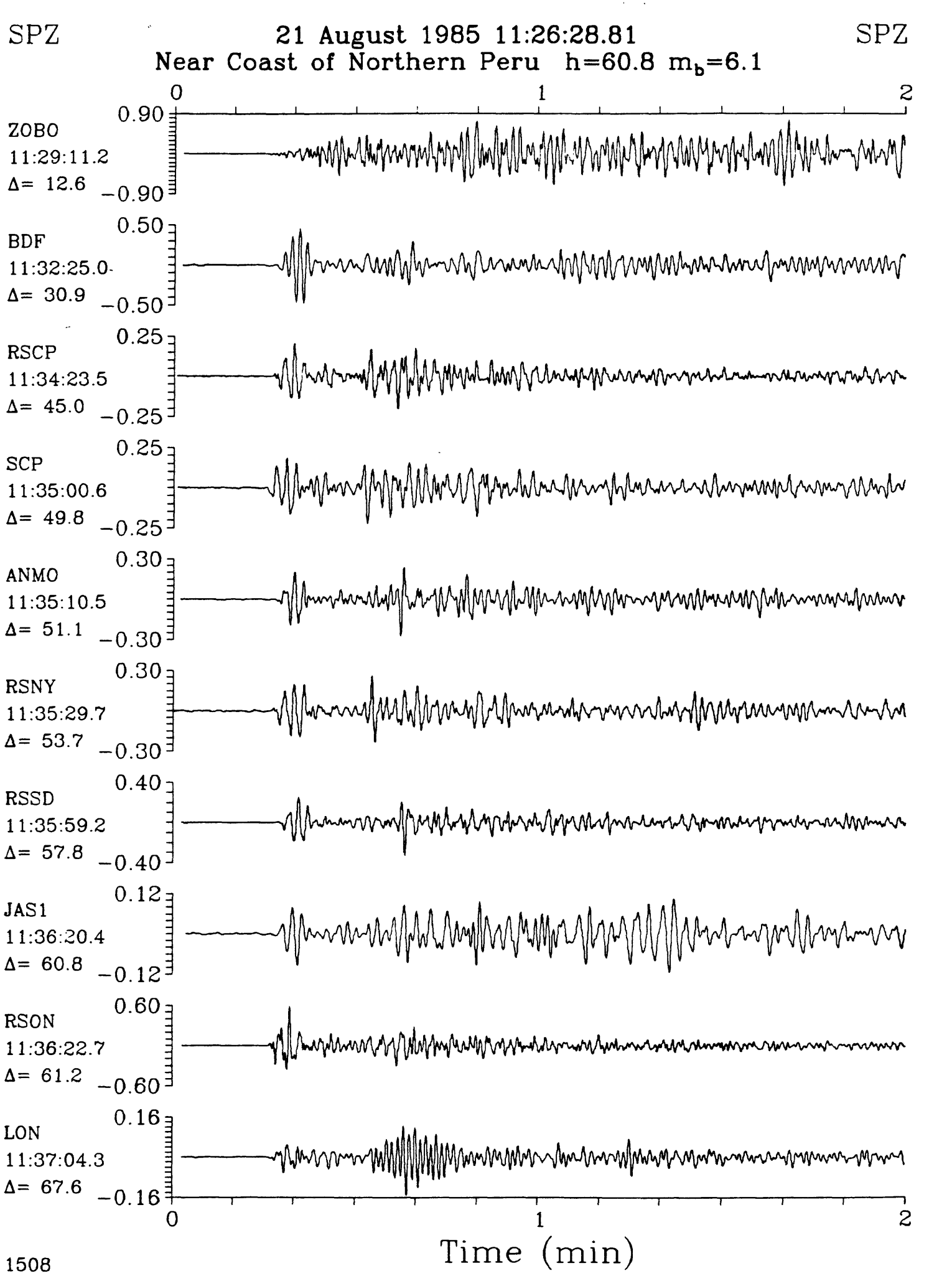

LPZ
21 August 1985 10:43:23.07
LPZ
Fiji Islands Region h=33.0 m_b=5.7 M_{SZ}=5.5
0
10
20
30
40
50
GAC
11:00:53.3
Δ=110.8
4.0
-4.0
RSNY
11:00:54.6
Δ=111.4
4.0
-4.0
GDH
11:01:05.4
Δ=117.1
2.0
-2.0
BDF
11:01:15.8
Δ=122.5
70.0
-70.0
KEV
11:01:18.4
Δ=123.9
0.9
-0.9
SLR
11:01:31.3
Δ=130.7
1.0
-1.0
KONO
11:01:41.1
Δ=135.9
0.9
-0.9
ANTO
11:01:54.5
Δ=143.4
2.0
-2.0
GRFO
11:01:57.6
Δ=145.4
0.9
-0.9
TOL
11:02:13.9
Δ=155.8
3.0
-3.0
0
10
20
30
40
50
Time (min)

1506

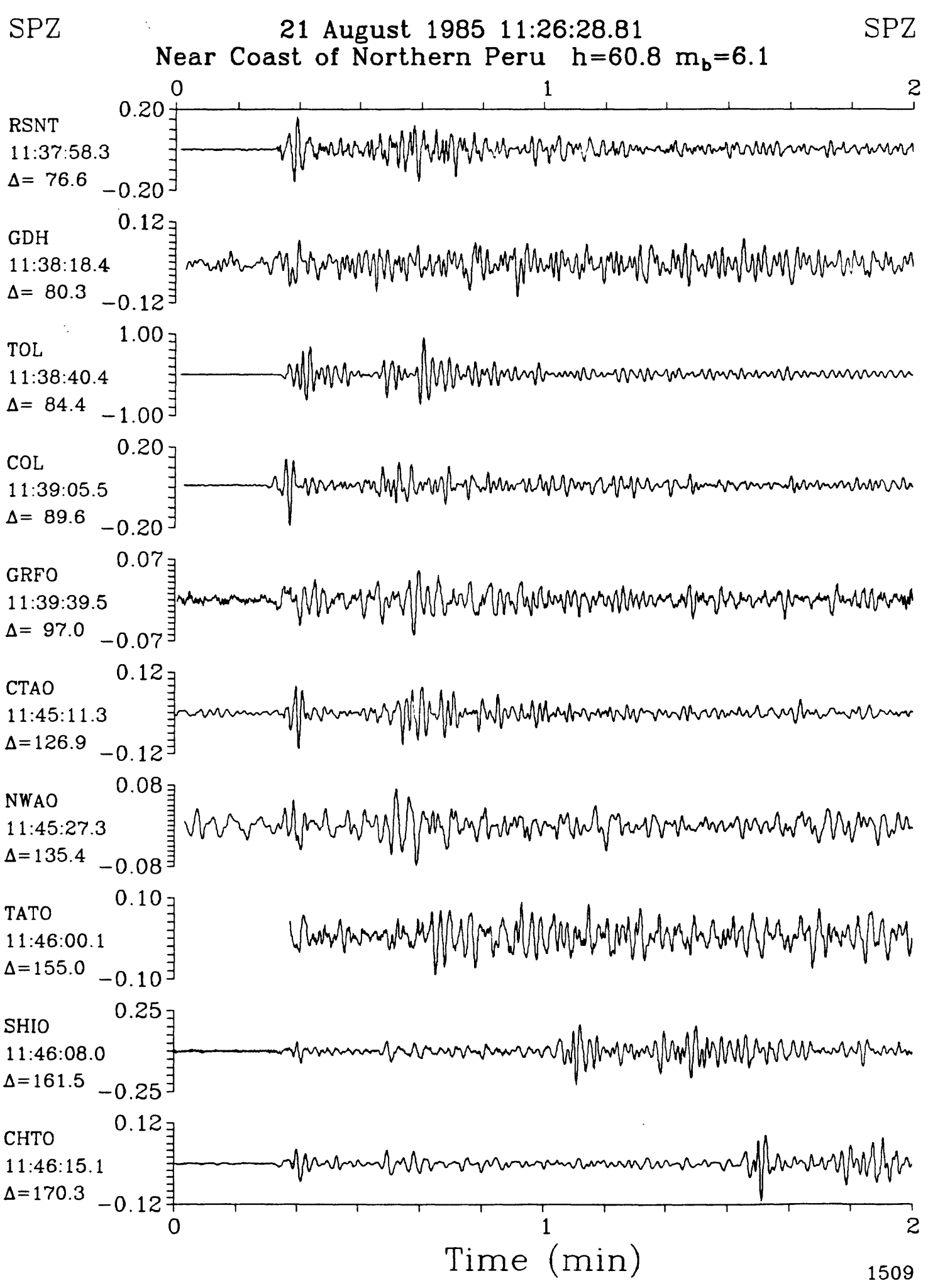
21 August 1985 11:26:28.81

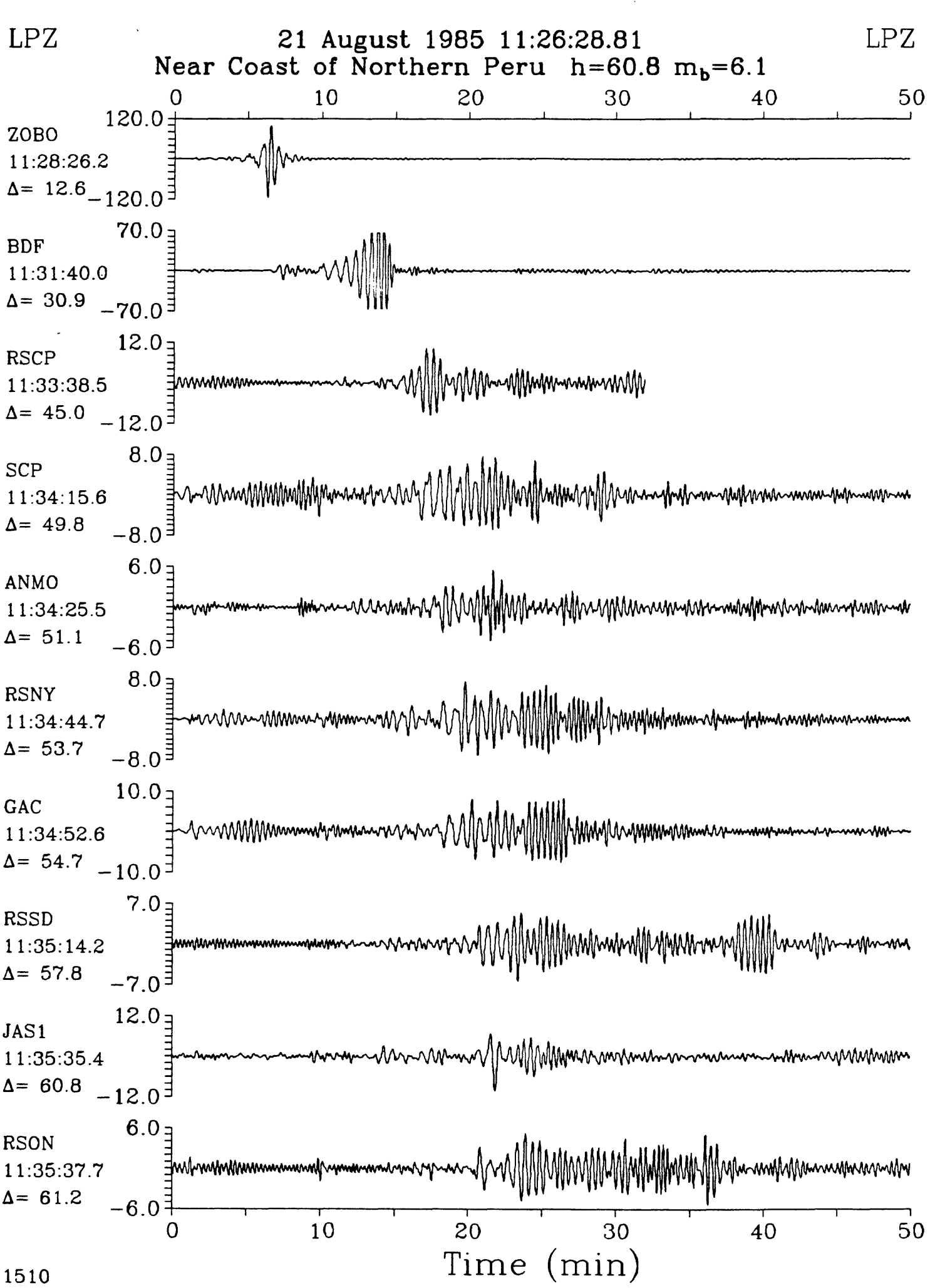
Near Coast of Northern Peru



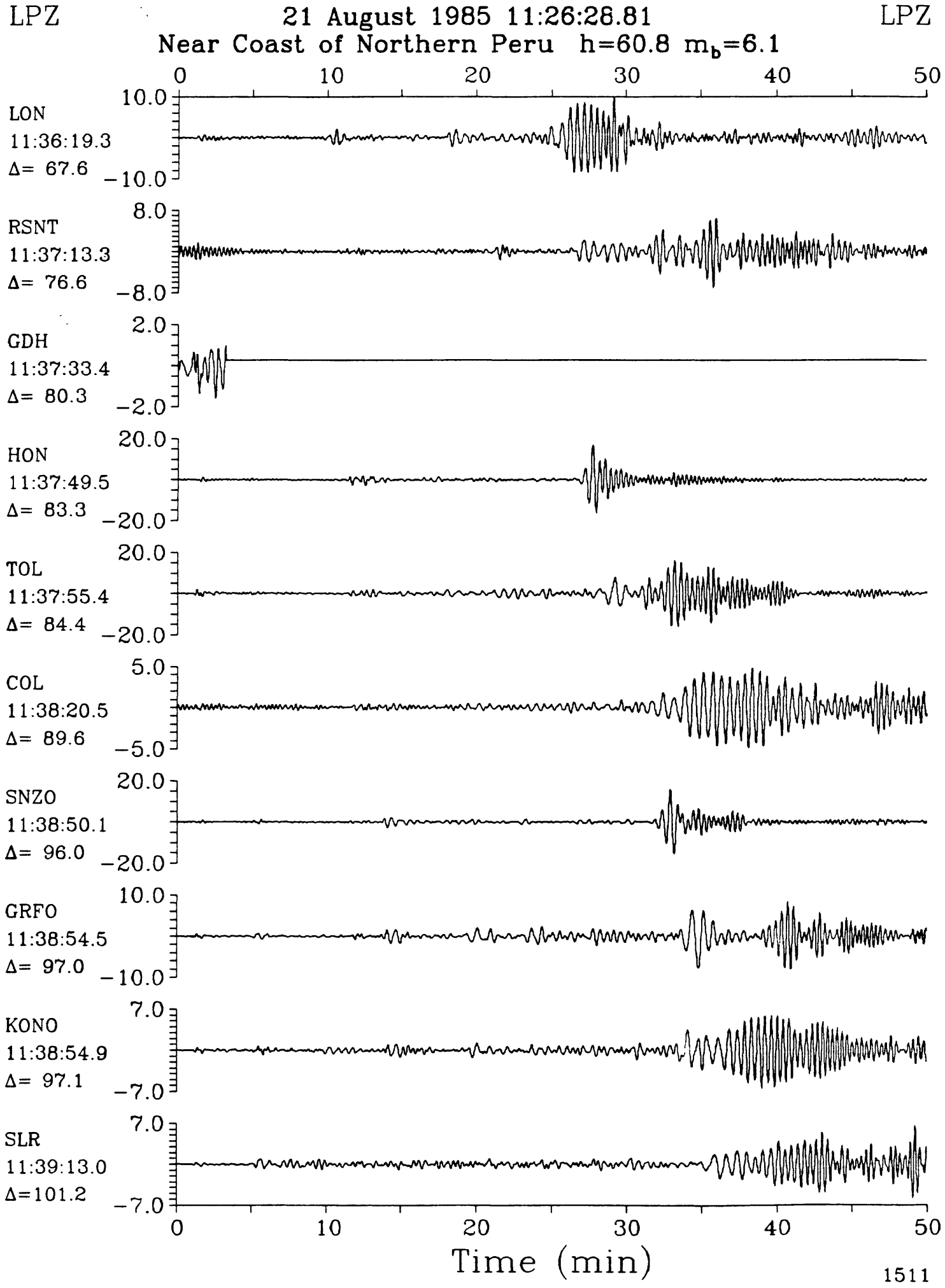

SPZ
21 August 1985 11:26:28.81
SPZ
Near Coast of Northern Peru h=60.8 m$_b$=6.1
0
1
2
0.90
ZOBO
11:29:11.2
Δ= 12.6
-0.90
0.50
BDF
11:32:25.0
Δ= 30.9
-0.50
0.25
RSCP
11:34:23.5
Δ= 45.0
-0.25
0.25
SCP
11:35:00.6
Δ= 49.8
-0.25
0.30
ANMO
11:35:10.5
Δ= 51.1
-0.30
0.30
RSNY
11:35:29.7
Δ= 53.7
-0.30
0.40
RSSD
11:35:59.2
Δ= 57.8
-0.40
0.12
JAS1
11:36:20.4
Δ= 60.8
-0.12
0.60
RSON
11:36:22.7
Δ= 61.2
-0.60
0.16
LON
11:37:04.3
Δ= 67.6
-0.16
0
1
2
Time (min)

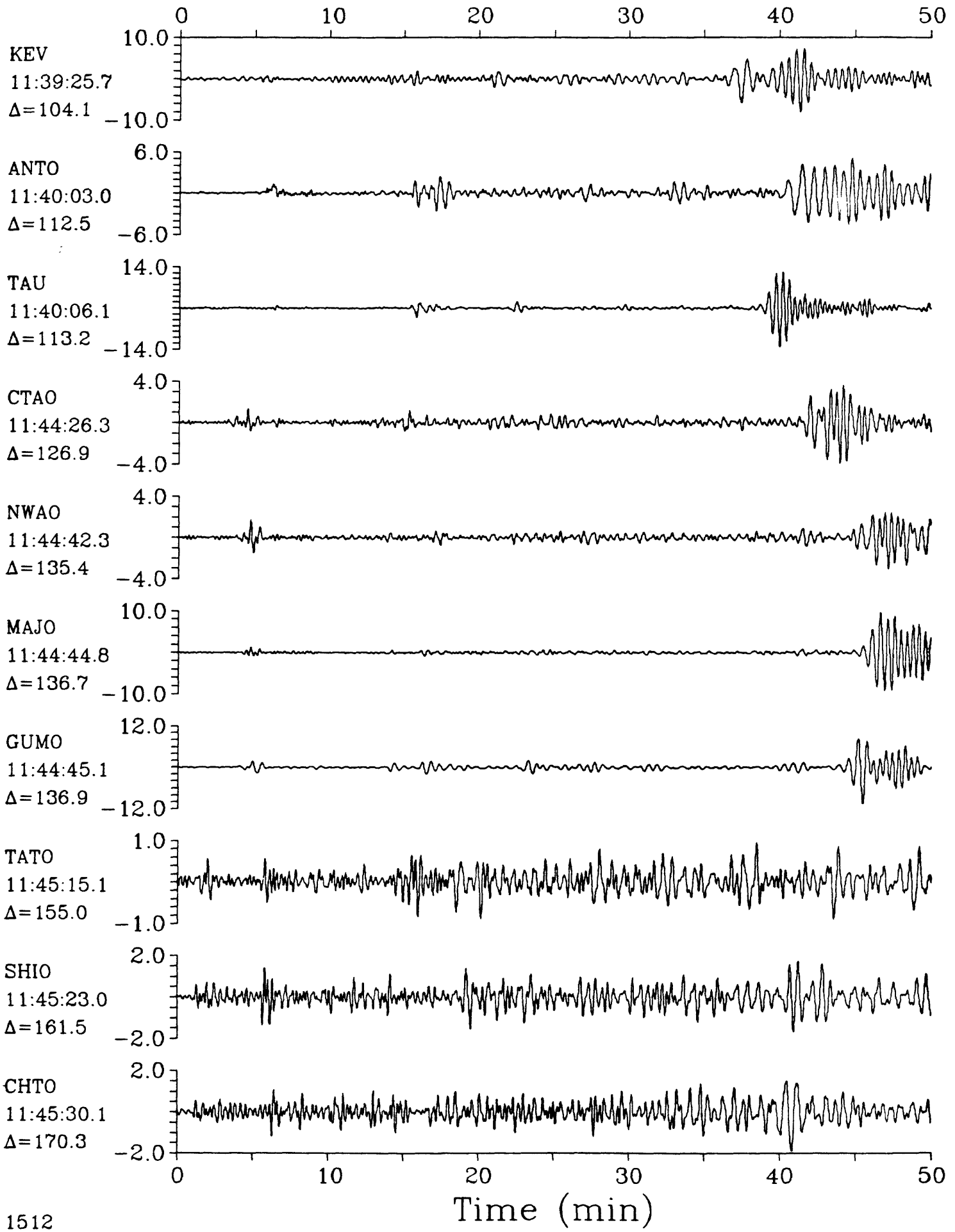
1508


SPZ
21 August 1985 11:26:28.81
SPZ
Near Coast of Northern Peru h=60.8 m_b=6.1
0
1
2
RSNT
11:37:58.3
Δ= 76.6
0.20
-0.20
GDH
11:38:18.4
Δ= 80.3
0.12
-0.12
TOL
11:38:40.4
Δ= 84.4
1.00
-1.00
COL
11:39:05.5
Δ= 89.6
0.20
-0.20
GRFO
11:39:39.5
Δ= 97.0
0.07
-0.07
CTAO
11:45:11.3
Δ=126.9
0.12
-0.12
NWAO
11:45:27.3
Δ=135.4
0.08
-0.08
TATO
11:46:00.1
Δ=155.0
0.10
-0.10
SHIO
11:46:08.0
Δ=161.5
0.25
-0.25
CHTO
11:46:15.1
Δ=170.3
0.12
-0.12
0
1
2
Time (min)
1509

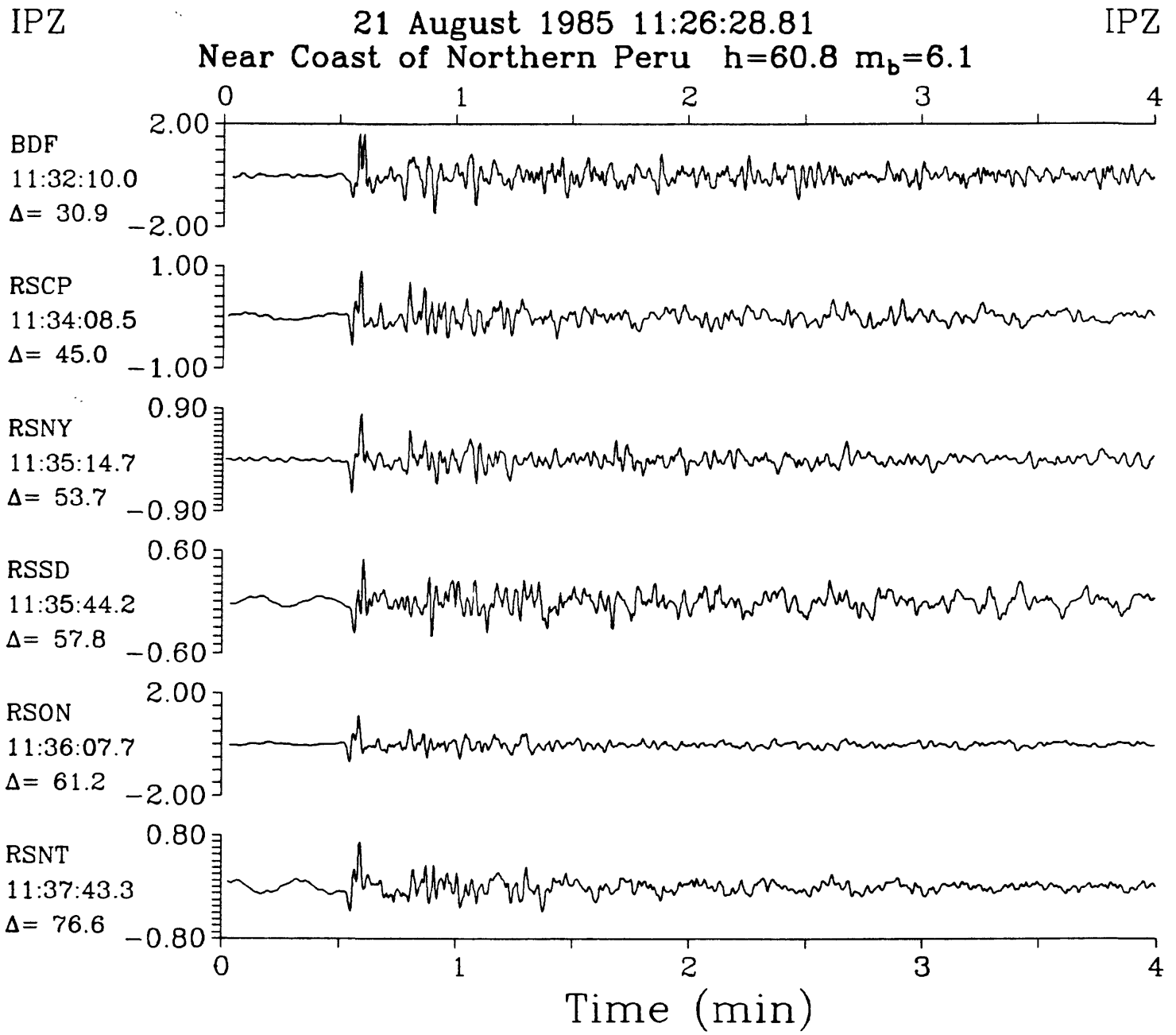

LPZ
21 August 1985 11:26:28.81
LPZ
Near Coast of Northern Peru h=60.8 m_b=6.1
0
10
20
30
40
50
ZOBO
11:28:26.2
Δ= 12.6
120.0
-120.0
BDF
11:31:40.0
Δ= 30.9
70.0
-70.0
RSCP
11:33:38.5
Δ= 45.0
12.0
-12.0
SCP
11:34:15.6
Δ= 49.8
8.0
-8.0
ANMO
11:34:25.5
Δ= 51.1
6.0
-6.0
RSNY
11:34:44.7
Δ= 53.7
8.0
-8.0
GAC
11:34:52.6
Δ= 54.7
10.0
-10.0
RSSD
11:35:14.2
Δ= 57.8
7.0
-7.0
JAS1
11:35:35.4
Δ= 60.8
12.0
-12.0
RSON
11:35:37.7
Δ= 61.2
6.0
-6.0
0
10
20
30
40
50
Time (min)

1510


LPZ
21 August 1985 11:26:28.81
LPZ
Near Coast of Northern Peru h=60.8 m_b=6.1
0
10
20
30
40
50
LON
11:36:19.3
Δ= 67.6
10.0
-10.0
RSNT
11:37:13.3
Δ= 76.6
8.0
-8.0
GDH
11:37:33.4
Δ= 80.3
2.0
-2.0
HON
11:37:49.5
Δ= 83.3
20.0
-20.0
TOL
11:37:55.4
Δ= 84.4
20.0
-20.0
COL
11:38:20.5
Δ= 89.6
5.0
-5.0
SNZO
11:38:50.1
Δ= 96.0
20.0
-20.0
GRFO
11:38:54.5
Δ= 97.0
10.0
-10.0
KONO
11:38:54.9
Δ= 97.1
7.0
-7.0
SLR
11:39:13.0
Δ=101.2
7.0
-7.0
0
10
20
30
40
50
Time (min)
1511

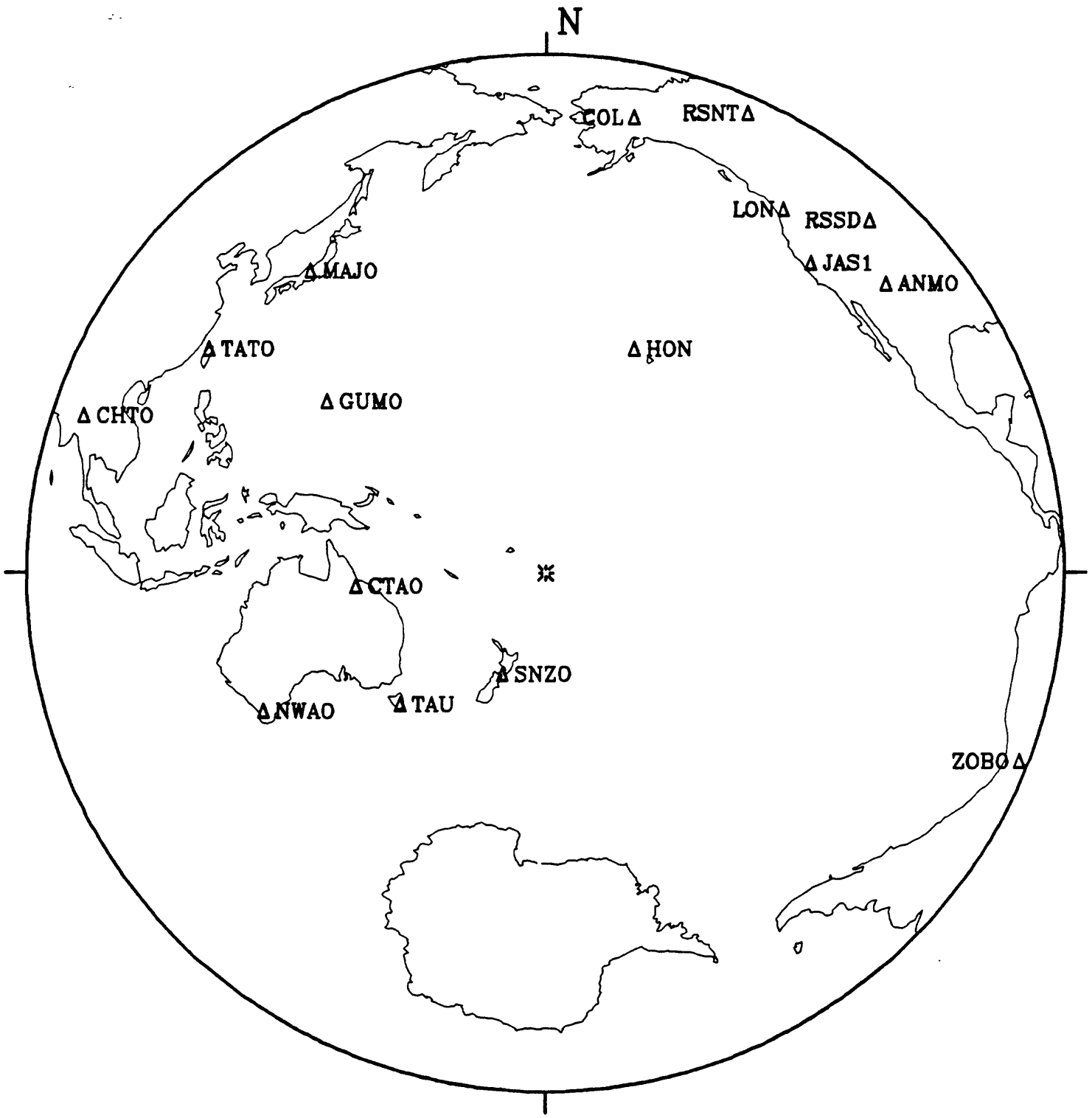

LPZ
21 August 1985 11:26:28.81
LPZ
Near Coast of Northern Peru h=60.8 m_b=6.1
0
10
20
30
40
50
KEV
11:39:25.7
Δ=104.1
10.0
-10.0
ANTO
11:40:03.0
Δ=112.5
6.0
-6.0
TAU
11:40:06.1
Δ=113.2
14.0
-14.0
CTAO
11:44:26.3
Δ=126.9
4.0
-4.0
NWAO
11:44:42.3
Δ=135.4
4.0
-4.0
MAJO
11:44:44.8
Δ=136.7
10.0
-10.0
GUMO
11:44:45.1
Δ=136.9
12.0
-12.0
TATO
11:45:15.1
Δ=155.0
1.0
-1.0
SHIO
11:45:23.0
Δ=161.5
2.0
-2.0
CHTO
11:45:30.1
Δ=170.3
2.0
-2.0
0
10
20
30
40
50
Time (min)

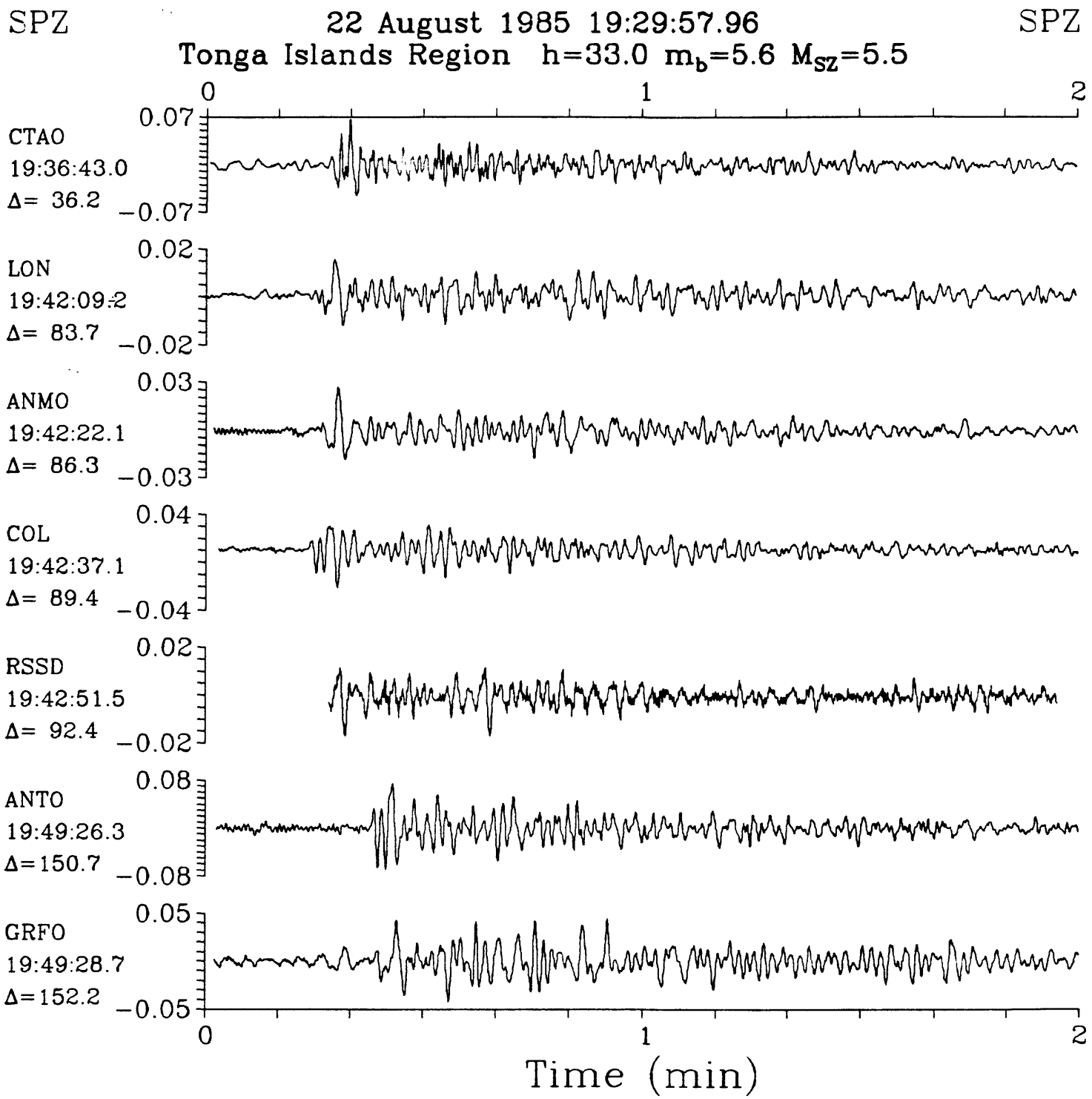
1512

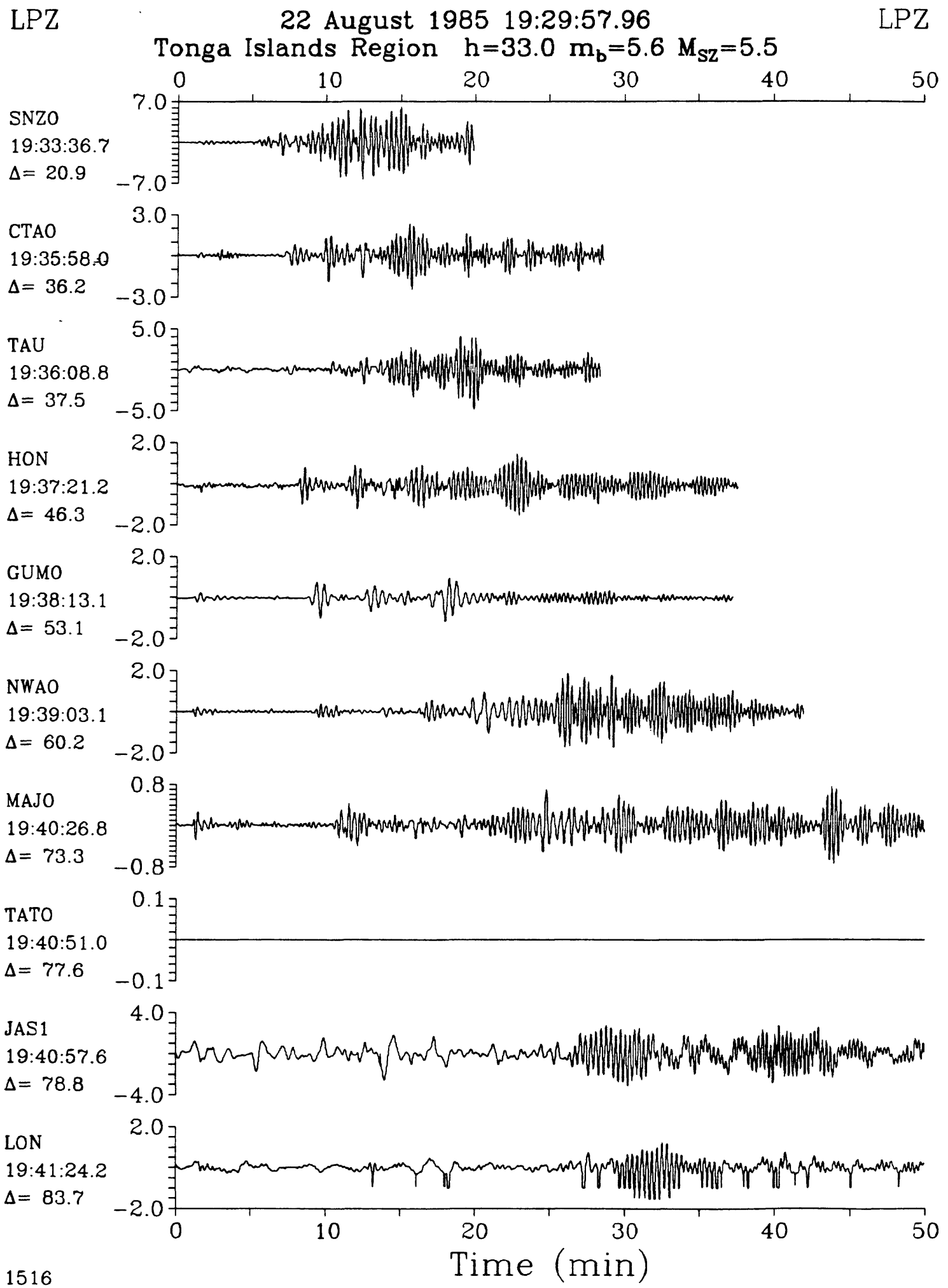

IPZ
21 August 1985 11:26:28.81
IPZ
Near Coast of Northern Peru h=60.8 m_b=6.1
0
1
2
3
4
2.00
BDF
11:32:10.0
Δ= 30.9
-2.00
1.00
RSCP
11:34:08.5
Δ= 45.0
-1.00
0.90
RSNY
11:35:14.7
Δ= 53.7
-0.90
0.60
RSSD
11:35:44.2
Δ= 57.8
-0.60
2.00
RSON
11:36:07.7
Δ= 61.2
-2.00
0.80
RSNT
11:37:43.3
Δ= 76.6
-0.80
0
1
2
3
4
Time (min)

22 August 1985 19:29:57.96

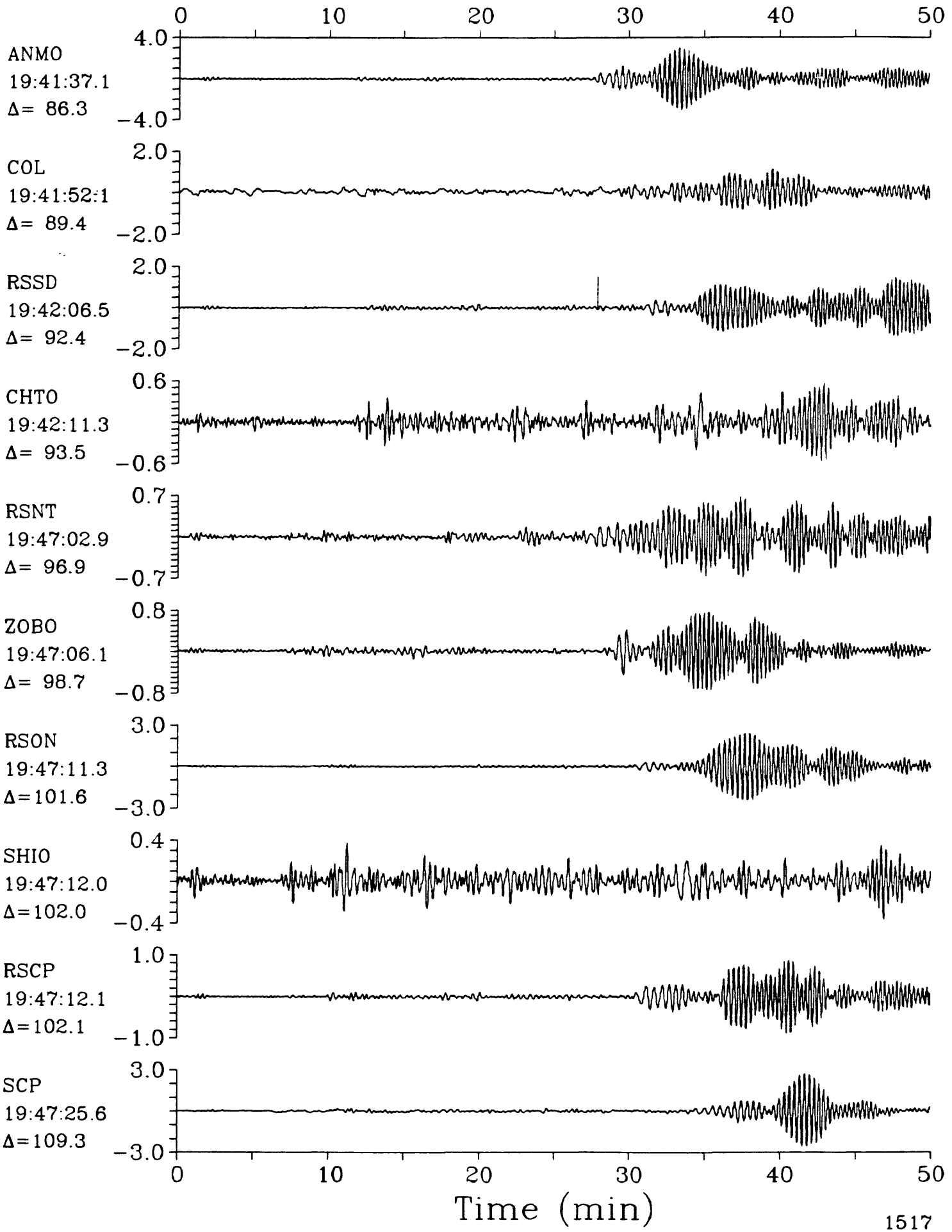
Tonga Islands Region

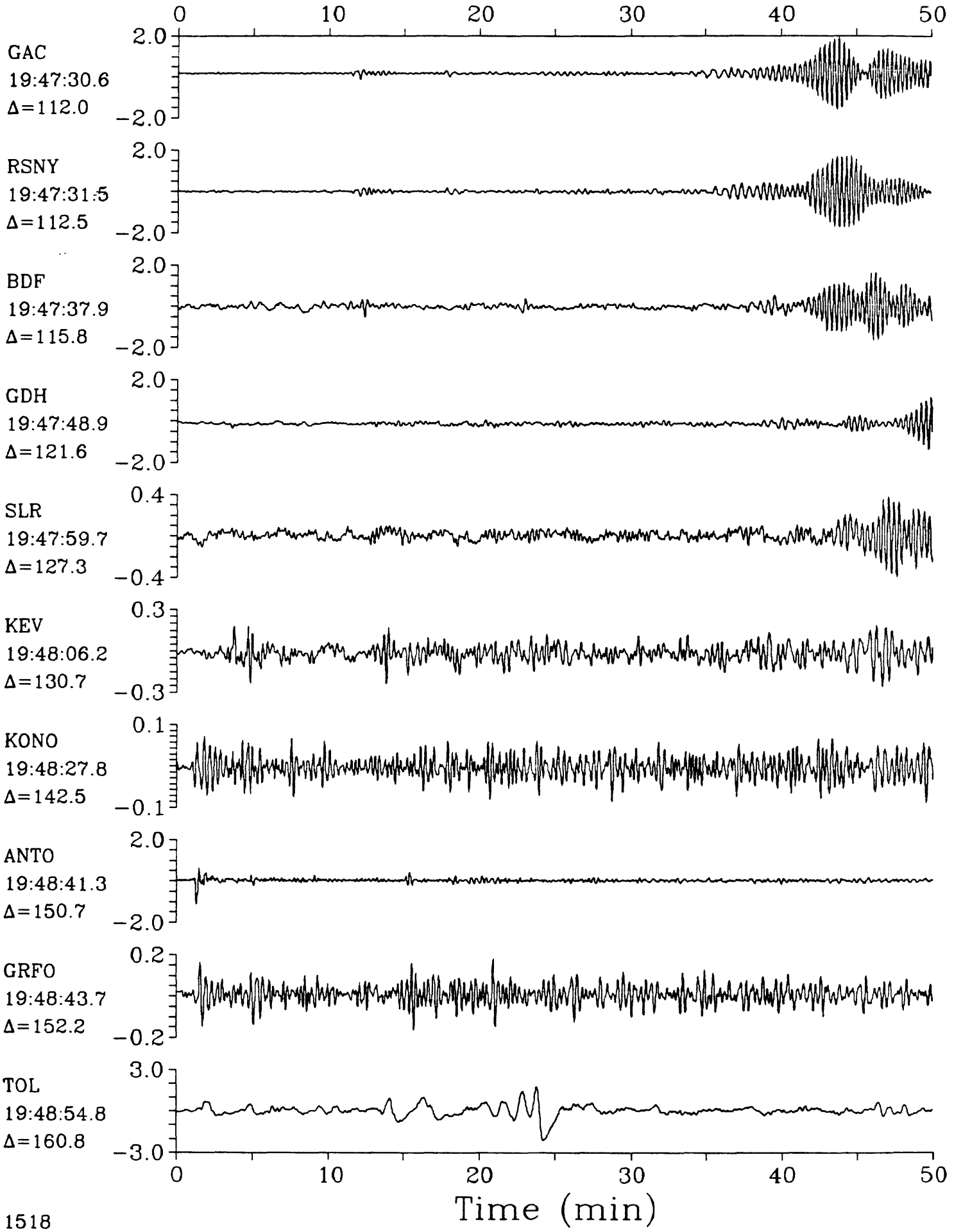



SPZ
22 August 1985 19:29:57.96
SPZ
Tonga Islands Region h=33.0 m_b=5.6 M_{SZ}=5.5
0
1
2
0.07
CTAO
19:36:43.0
Δ= 36.2
−0.07
0.02
LON
19:42:09.2
Δ= 83.7
−0.02
0.03
ANMO
19:42:22.1
Δ= 86.3
−0.03
0.04
COL
19:42:37.1
Δ= 89.4
−0.04
0.02
RSSD
19:42:51.5
Δ= 92.4
−0.02
0.08
ANTO
19:49:26.3
Δ=150.7
−0.08
0.05
GRFO
19:49:28.7
Δ=152.2
−0.05
0
1
2
Time (min)


LPZ
22 August 1985 19:29:57.96
LPZ
Tonga Islands Region h=33.0 m_b=5.6 M_{SZ}=5.5
0
10
20
30
40
50
SNZO
19:33:36.7
Δ= 20.9
7.0
-7.0
CTAO
19:35:58.0
Δ= 36.2
3.0
-3.0
TAU
19:36:08.8
Δ= 37.5
5.0
-5.0
HON
19:37:21.2
Δ= 46.3
2.0
-2.0
GUMO
19:38:13.1
Δ= 53.1
2.0
-2.0
NWAO
19:39:03.1
Δ= 60.2
2.0
-2.0
MAJO
19:40:26.8
Δ= 73.3
0.8
-0.8
TATO
19:40:51.0
Δ= 77.6
0.1
-0.1
JAS1
19:40:57.6
Δ= 78.8
4.0
-4.0
LON
19:41:24.2
Δ= 83.7
2.0
-2.0
0
10
20
30
40
50
Time (min)

1516

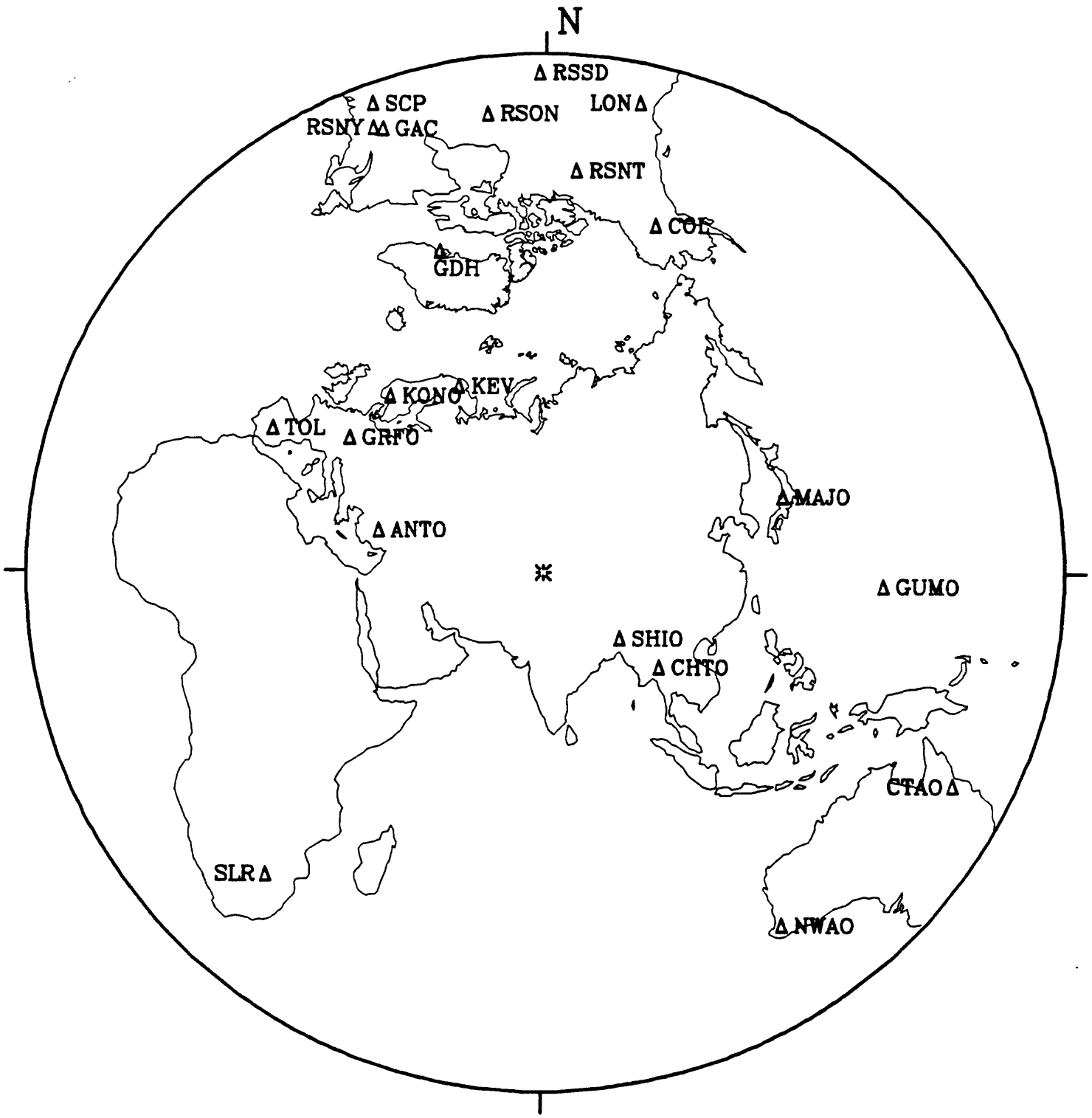

LPZ
22 August 1985 19:29:57.96
Tonga Islands Region h=33.0 m_b=5.6 M_{SZ}=5.5
LPZ
0
10
20
30
40
50
ANMO
19:41:37.1
Δ= 86.3
4.0
-4.0
COL
19:41:52.1
Δ= 89.4
2.0
-2.0
RSSD
19:42:06.5
Δ= 92.4
2.0
-2.0
CHTO
19:42:11.3
Δ= 93.5
0.6
-0.6
RSNT
19:47:02.9
Δ= 96.9
0.7
-0.7
ZOBO
19:47:06.1
Δ= 98.7
0.8
-0.8
RSON
19:47:11.3
Δ=101.6
3.0
-3.0
SHIO
19:47:12.0
Δ=102.0
0.4
-0.4
RSCP
19:47:12.1
Δ=102.1
1.0
-1.0
SCP
19:47:25.6
Δ=109.3
3.0
-3.0
0
10
20
30
40
50
Time (min)
1517

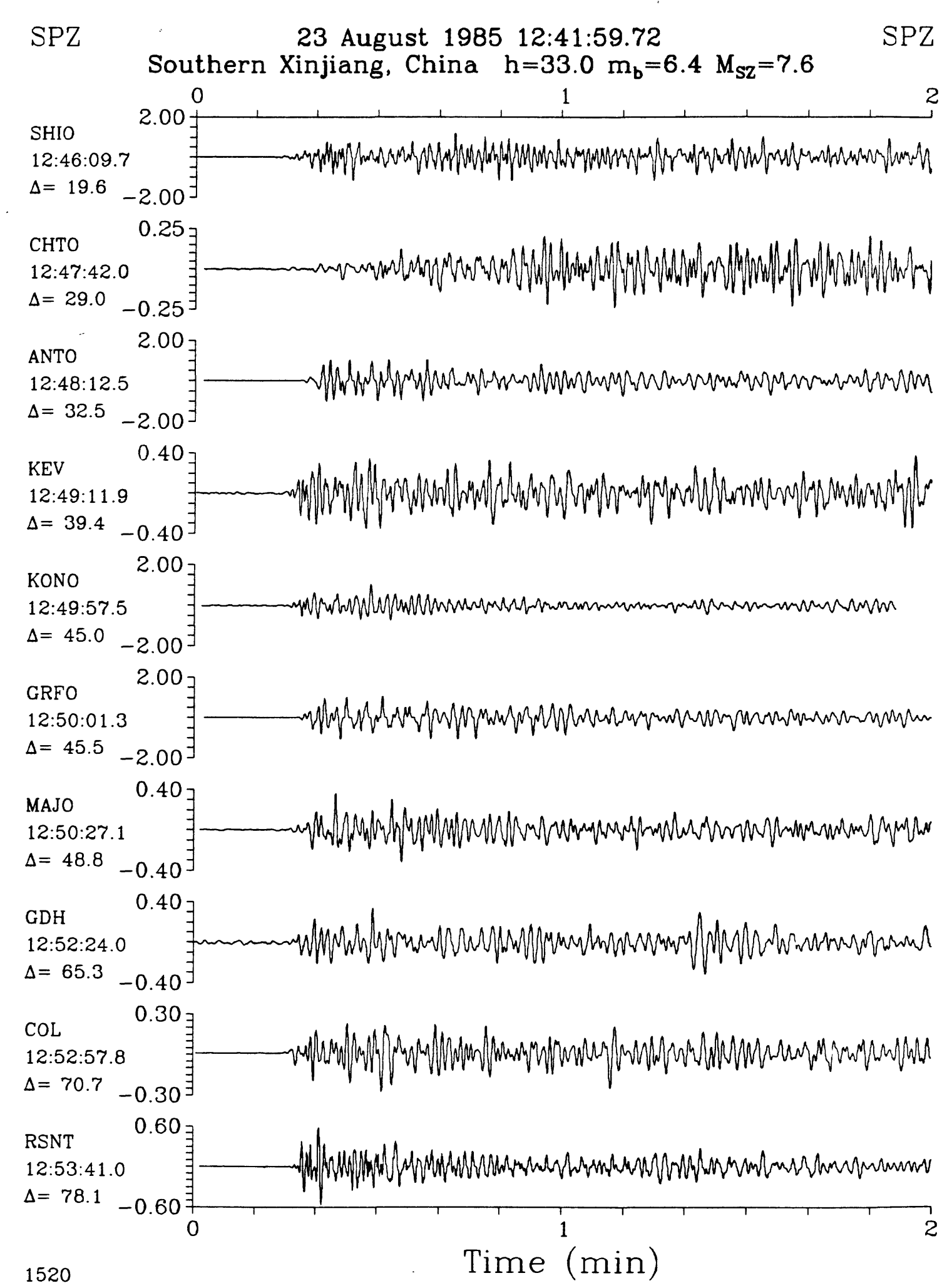

LPZ
22 August 1985 19:29:57.96
LPZ
Tonga Islands Region h=33.0 m_b=5.6 M_{SZ}=5.5
0
10
20
30
40
50
GAC
19:47:30.6
Δ=112.0
2.0
-2.0
RSNY
19:47:31.5
Δ=112.5
2.0
-2.0
BDF
19:47:37.9
Δ=115.8
2.0
-2.0
GDH
19:47:48.9
Δ=121.6
2.0
-2.0
SLR
19:47:59.7
Δ=127.3
0.4
-0.4
KEV
19:48:06.2
Δ=130.7
0.3
-0.3
KONO
19:48:27.8
Δ=142.5
0.1
-0.1
ANTO
19:48:41.3
Δ=150.7
2.0
-2.0
GRFO
19:48:43.7
Δ=152.2
0.2
-0.2
TOL
19:48:54.8
Δ=160.8
3.0
-3.0
0
10
20
30
40
50
Time (min)

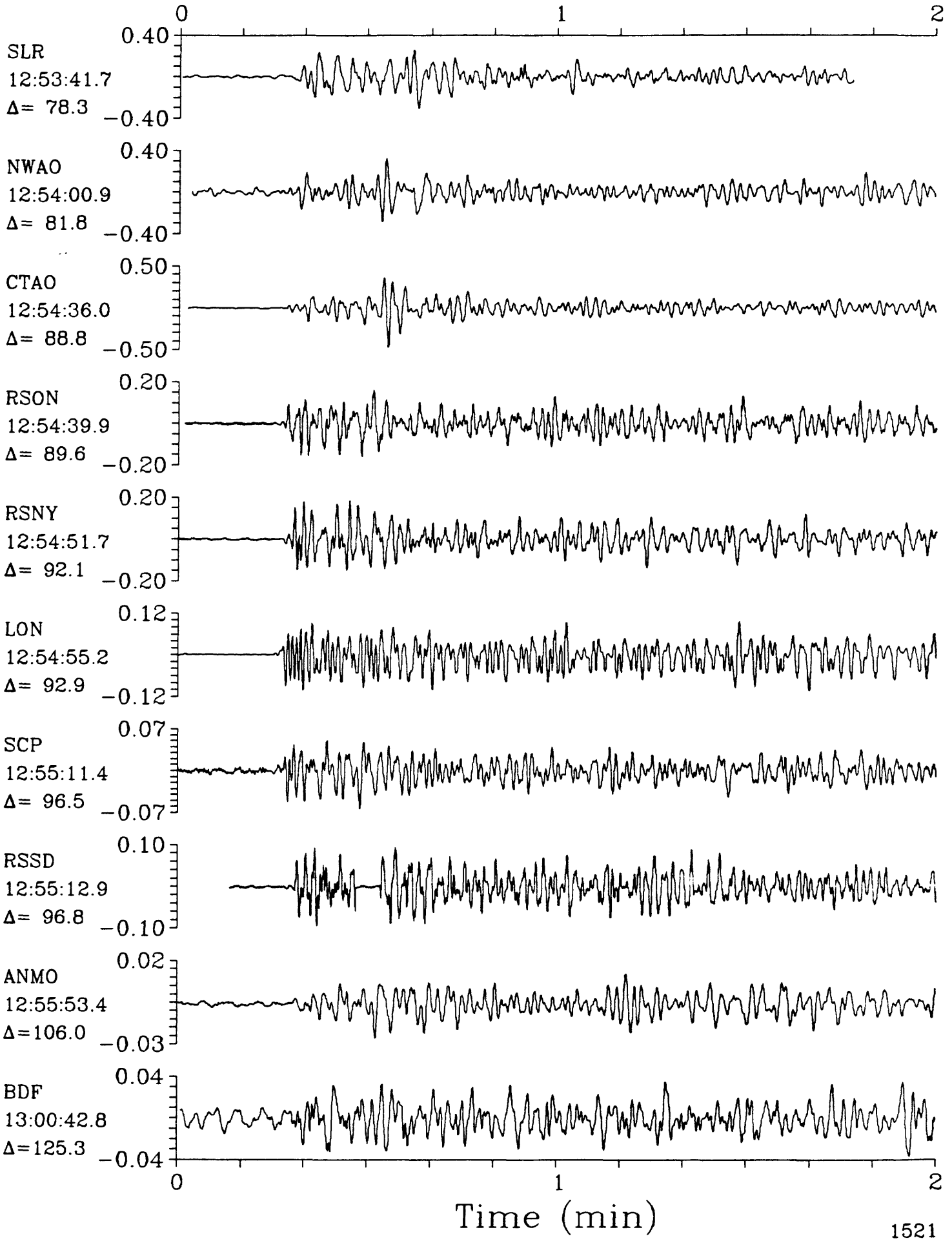
1518

23 August 1985 12:41:59.72

Southern Xinjiang, China




SPZ
23 August 1985 12:41:59.72
SPZ
Southern Xinjiang, China h=33.0 m_b=6.4 M_{SZ}=7.6
0
1
2
SHIO
12:46:09.7
Δ= 19.6
2.00
-2.00
CHTO
12:47:42.0
Δ= 29.0
0.25
-0.25
ANTO
12:48:12.5
Δ= 32.5
2.00
-2.00
KEV
12:49:11.9
Δ= 39.4
0.40
-0.40
KONO
12:49:57.5
Δ= 45.0
2.00
-2.00
GRFO
12:50:01.3
Δ= 45.5
2.00
-2.00
MAJO
12:50:27.1
Δ= 48.8
0.40
-0.40
GDH
12:52:24.0
Δ= 65.3
0.40
-0.40
COL
12:52:57.8
Δ= 70.7
0.30
-0.30
RSNT
12:53:41.0
Δ= 78.1
0.60
-0.60
0
1
2
Time (min)
1520


SPZ
23 August 1985 12:41:59.72
SPZ
Southern Xinjiang, China h=33.0 m_b=6.4 M_{SZ}=7.6
0
1
2
0.40
SLR
12:53:41.7
Δ= 78.3
−0.40
0.40
NWAO
12:54:00.9
Δ= 81.8
−0.40
0.50
CTAO
12:54:36.0
Δ= 88.8
−0.50
0.20
RSON
12:54:39.9
Δ= 89.6
−0.20
0.20
RSNY
12:54:51.7
Δ= 92.1
−0.20
0.12
LON
12:54:55.2
Δ= 92.9
−0.12
0.07
SCP
12:55:11.4
Δ= 96.5
−0.07
0.10
RSSD
12:55:12.9
Δ= 96.8
−0.10
0.02
ANMO
12:55:53.4
Δ=106.0
−0.03
0.04
BDF
13:00:42.8
Δ=125.3
−0.04
0
1
2
Time (min)

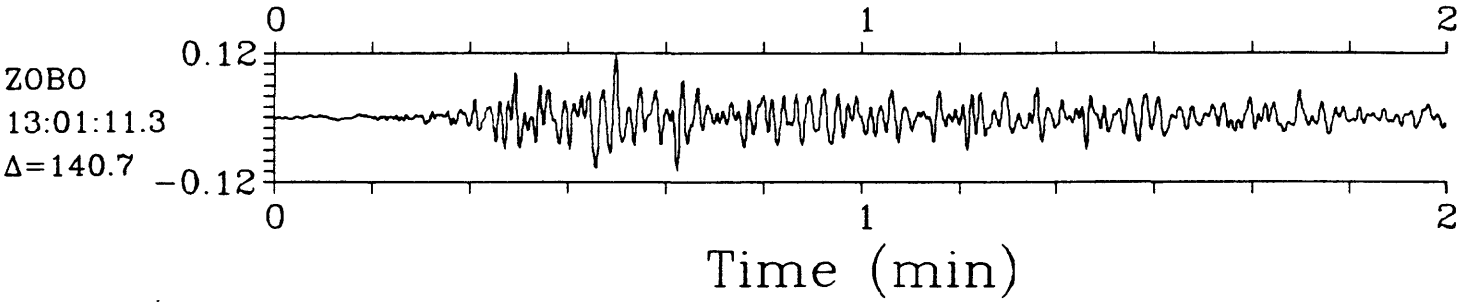
1521

SPZ

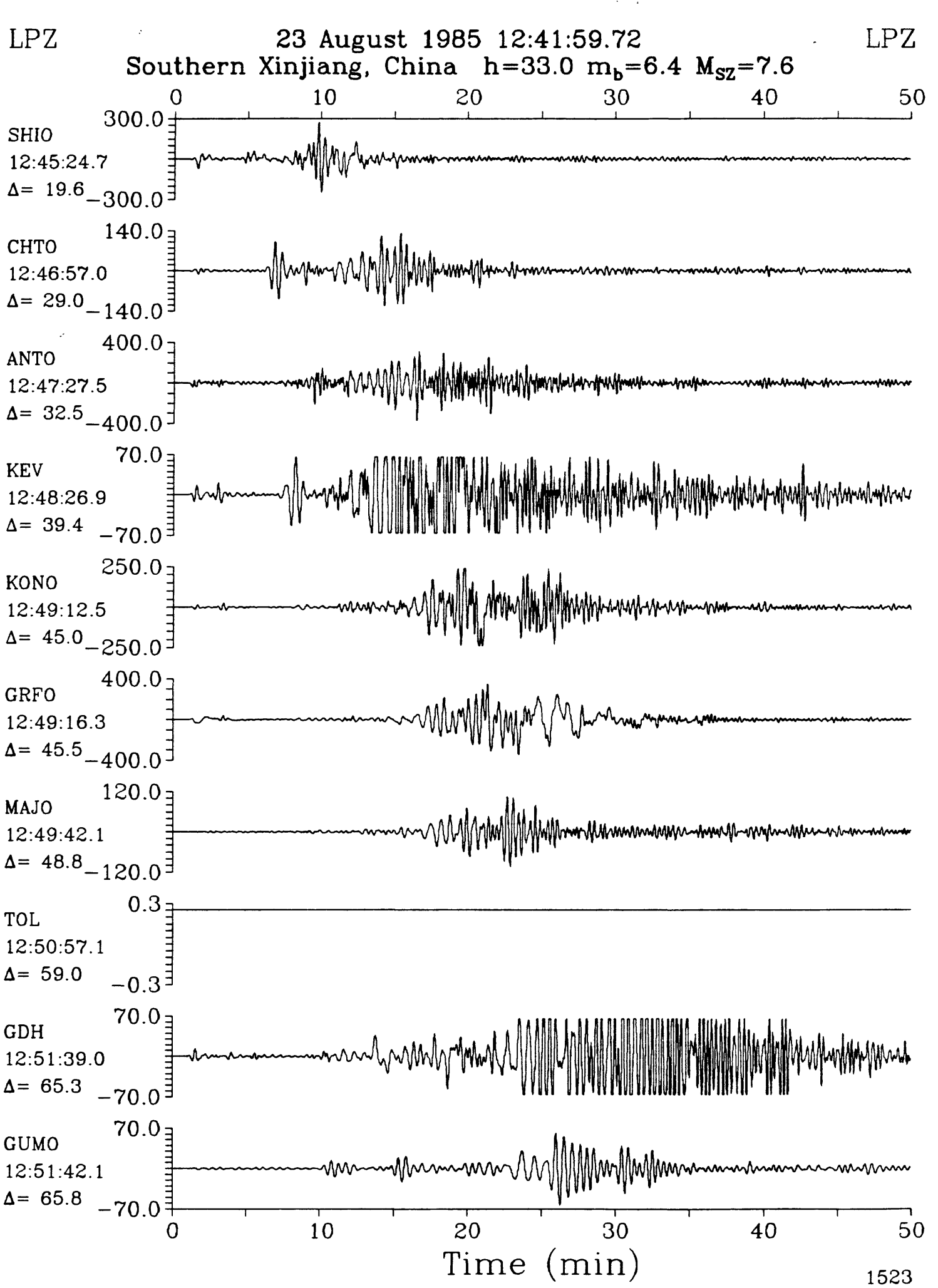
23 August 1985 12:41:59.72

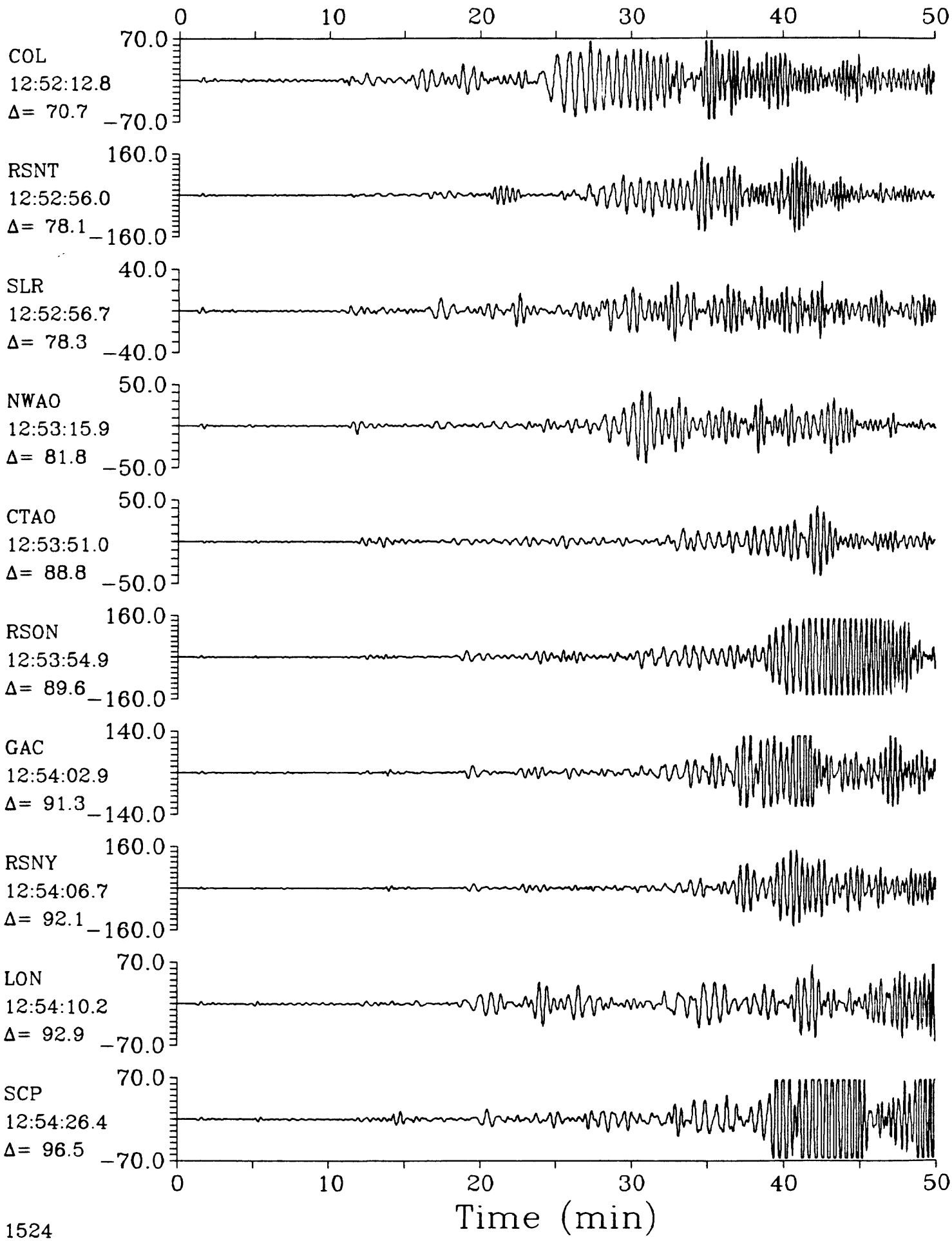
SPZ

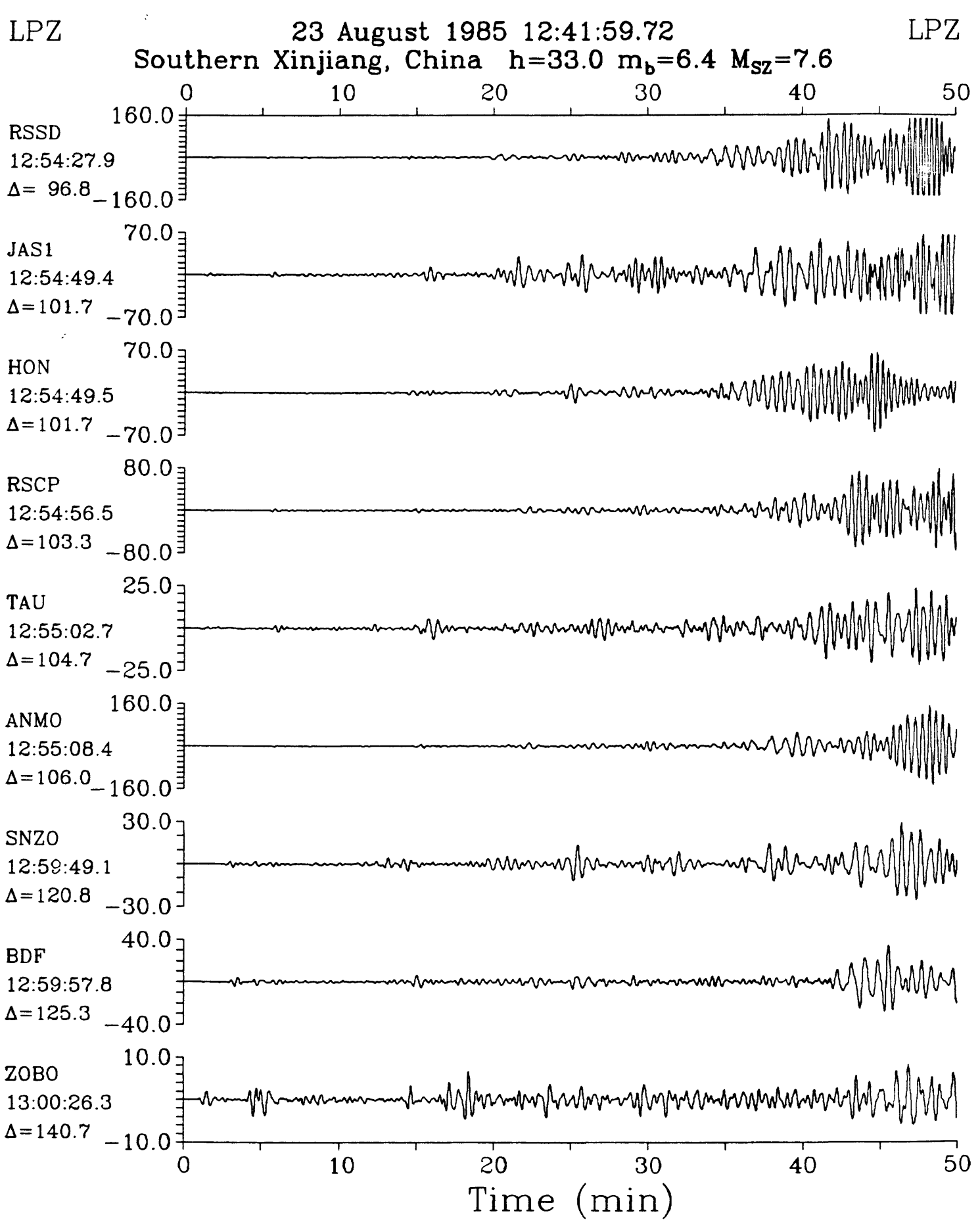
Southern Xinjiang, China h=33.0 m_b=6.4 M_{SZ}=7.6

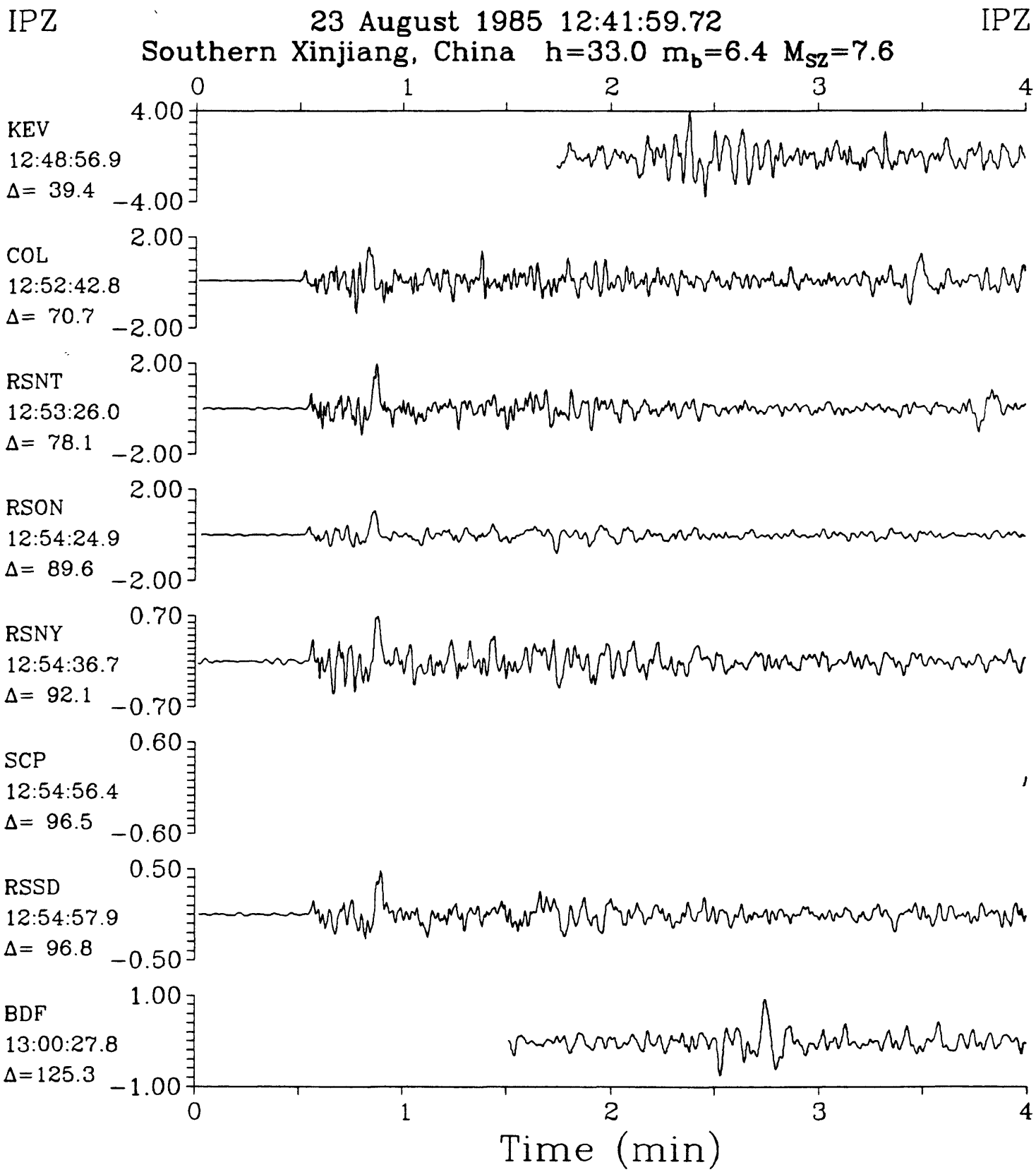


Time (min)


LPZ
23 August 1985 12:41:59.72
LPZ
Southern Xinjiang, China h=33.0 m_b=6.4 M_{SZ}=7.6
0
10
20
30
40
50
SHIO
12:45:24.7
Δ= 19.6
300.0
-300.0
CHTO
12:46:57.0
Δ= 29.0
140.0
-140.0
ANTO
12:47:27.5
Δ= 32.5
400.0
-400.0
KEV
12:48:26.9
Δ= 39.4
70.0
-70.0
KONO
12:49:12.5
Δ= 45.0
250.0
-250.0
GRFO
12:49:16.3
Δ= 45.5
400.0
-400.0
MAJO
12:49:42.1
Δ= 48.8
120.0
-120.0
TOL
12:50:57.1
Δ= 59.0
0.3
-0.3
GDH
12:51:39.0
Δ= 65.3
70.0
-70.0
GUMO
12:51:42.1
Δ= 65.8
70.0
-70.0
0
10
20
30
40
50
Time (min)
1523

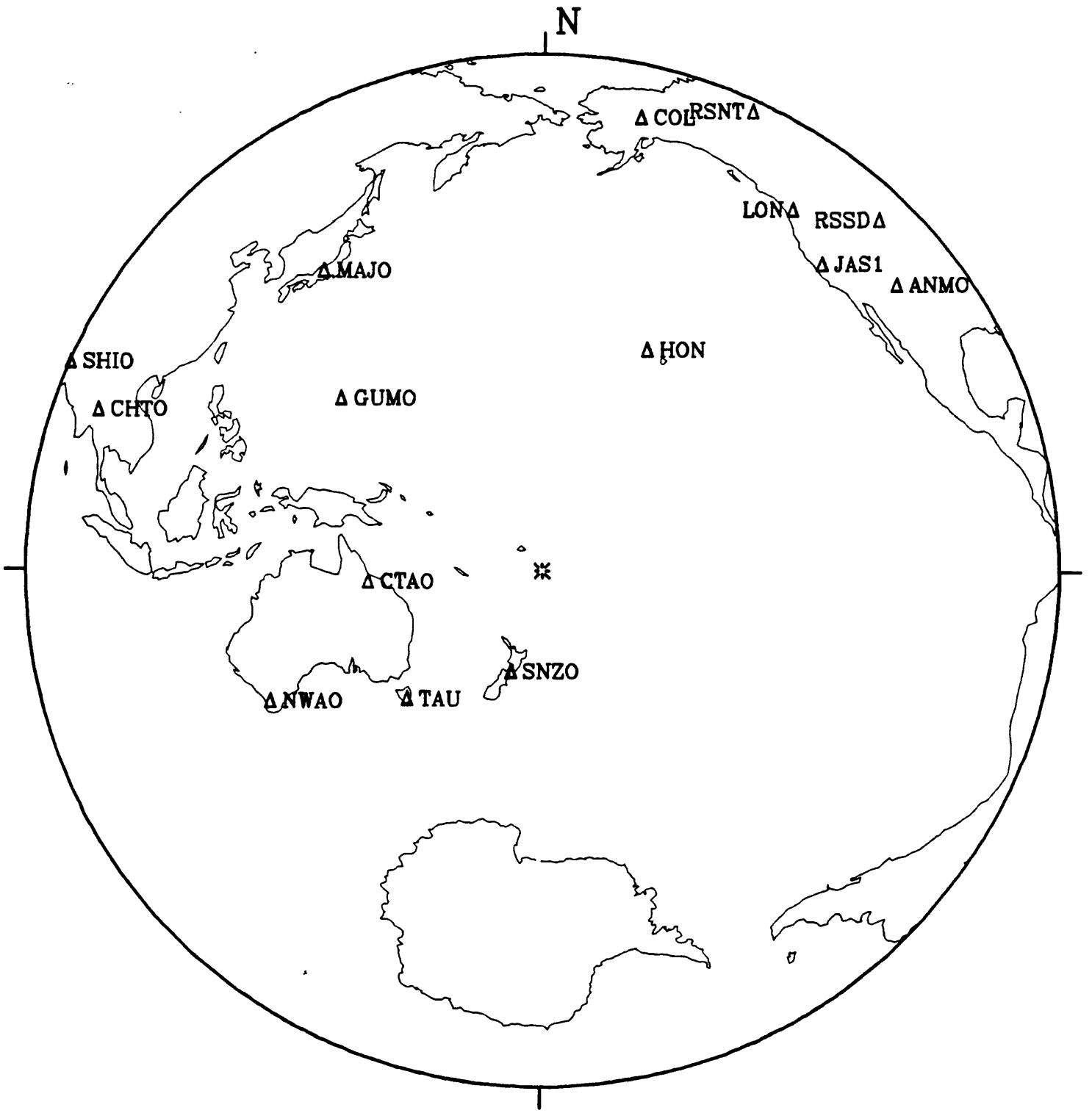

LPZ
23 August 1985 12:41:59.72
LPZ
Southern Xinjiang, China h=33.0 m_b=6.4 M_{SZ}=7.6
0
10
20
30
40
50
70.0
COL
12:52:12.8
Δ= 70.7
−70.0
160.0
RSNT
12:52:56.0
Δ= 78.1
−160.0
40.0
SLR
12:52:56.7
Δ= 78.3
−40.0
50.0
NWAO
12:53:15.9
Δ= 81.8
−50.0
50.0
CTAO
12:53:51.0
Δ= 88.8
−50.0
160.0
RSON
12:53:54.9
Δ= 89.6
−160.0
140.0
GAC
12:54:02.9
Δ= 91.3
−140.0
160.0
RSNY
12:54:06.7
Δ= 92.1
−160.0
70.0
LON
12:54:10.2
Δ= 92.9
−70.0
70.0
SCP
12:54:26.4
Δ= 96.5
−70.0
0
10
20
30
40
50
Time (min)

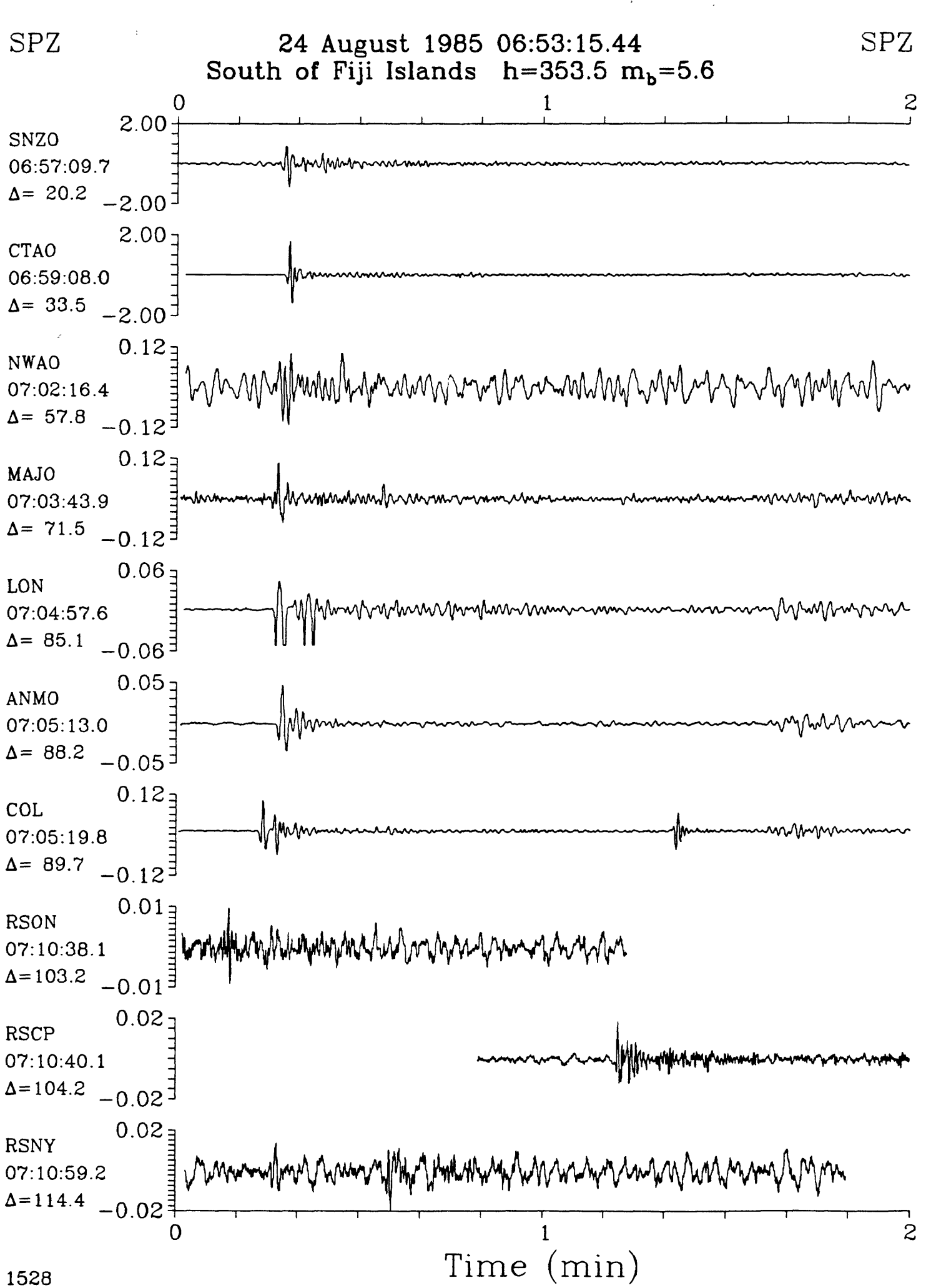

LPZ
23 August 1985 12:41:59.72
LPZ
Southern Xinjiang, China h=33.0 m_b=6.4 M_{SZ}=7.6
0
10
20
30
40
50
RSSD
12:54:27.9
Δ= 96.8
160.0
-160.0
JAS1
12:54:49.4
Δ=101.7
70.0
-70.0
HON
12:54:49.5
Δ=101.7
70.0
-70.0
RSCP
12:54:56.5
Δ=103.3
80.0
-80.0
TAU
12:55:02.7
Δ=104.7
25.0
-25.0
ANMO
12:55:08.4
Δ=106.0
160.0
-160.0
SNZO
12:59:49.1
Δ=120.8
30.0
-30.0
BDF
12:59:57.8
Δ=125.3
40.0
-40.0
ZOBO
13:00:26.3
Δ=140.7
10.0
-10.0
0
10
20
30
40
50
Time (min)


IPZ
23 August 1985 12:41:59.72
IPZ
Southern Xinjiang, China h=33.0 m_b=6.4 M_{SZ}=7.6
KEV
12:48:56.9
Δ= 39.4
COL
12:52:42.8
Δ= 70.7
RSNT
12:53:26.0
Δ= 78.1
RSON
12:54:24.9
Δ= 89.6
RSNY
12:54:36.7
Δ= 92.1
SCP
12:54:56.4
Δ= 96.5
RSSD
12:54:57.9
Δ= 96.8
BDF
13:00:27.8
Δ=125.3
Time (min)

24 August 1985 06:53:15.44

South of Fiji Islands



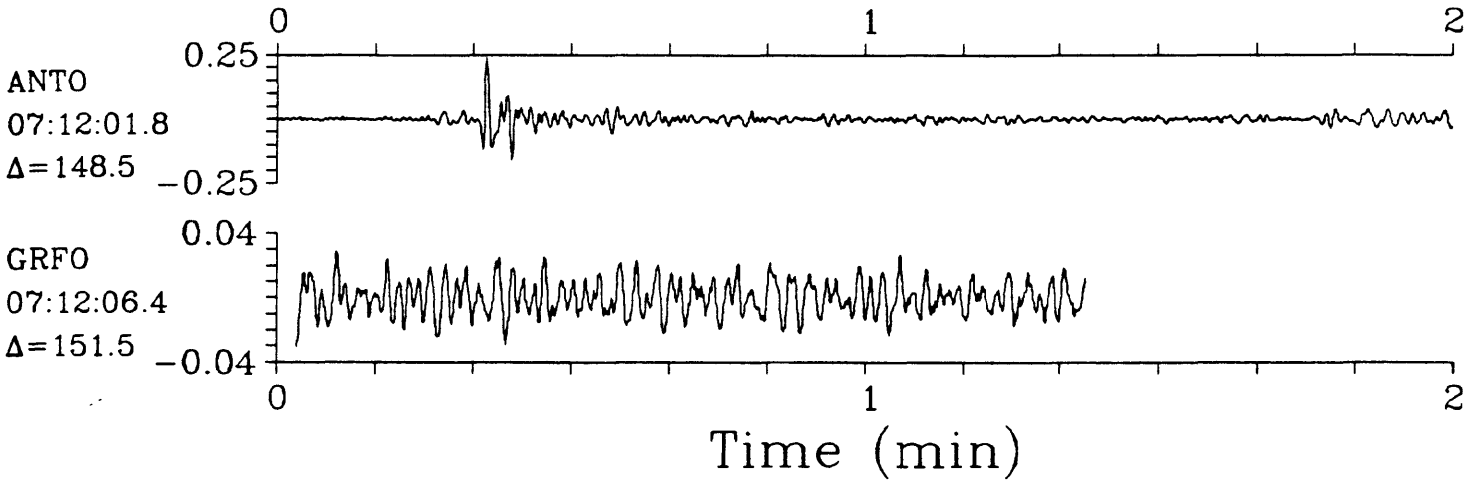

SPZ
24 August 1985 06:53:15.44
South of Fiji Islands h=353.5 m_b=5.6
SPZ
0
1
2
SNZO
06:57:09.7
Δ= 20.2
2.00
-2.00
CTAO
06:59:08.0
Δ= 33.5
2.00
-2.00
NWAO
07:02:16.4
Δ= 57.8
0.12
-0.12
MAJO
07:03:43.9
Δ= 71.5
0.12
-0.12
LON
07:04:57.6
Δ= 85.1
0.06
-0.06
ANMO
07:05:13.0
Δ= 88.2
0.05
-0.05
COL
07:05:19.8
Δ= 89.7
0.12
-0.12
RSON
07:10:38.1
Δ=103.2
0.01
-0.01
RSCP
07:10:40.1
Δ=104.2
0.02
-0.02
RSNY
07:10:59.2
Δ=114.4
0.02
-0.02
0
1
2
Time (min)

1528

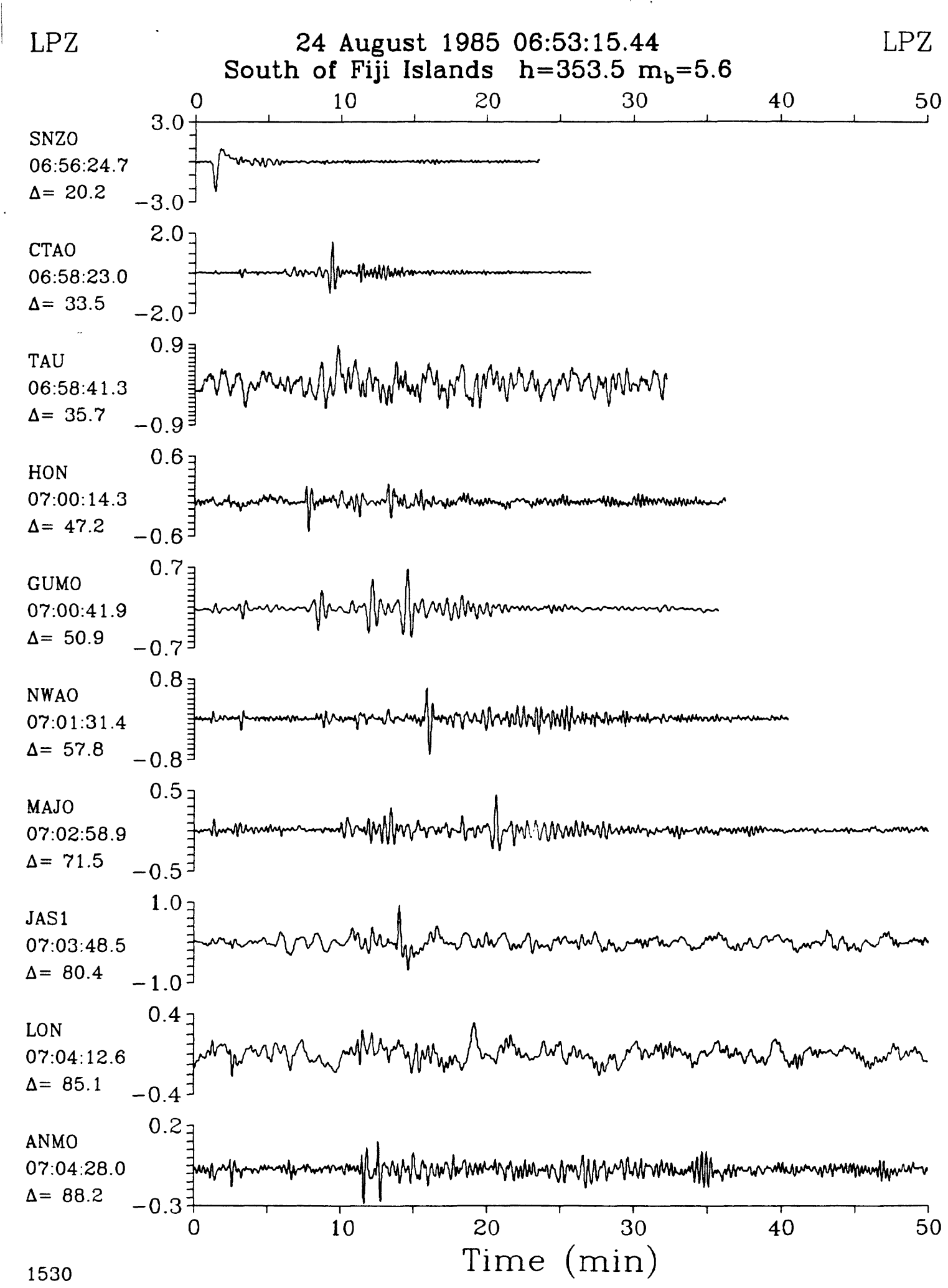
SPZ

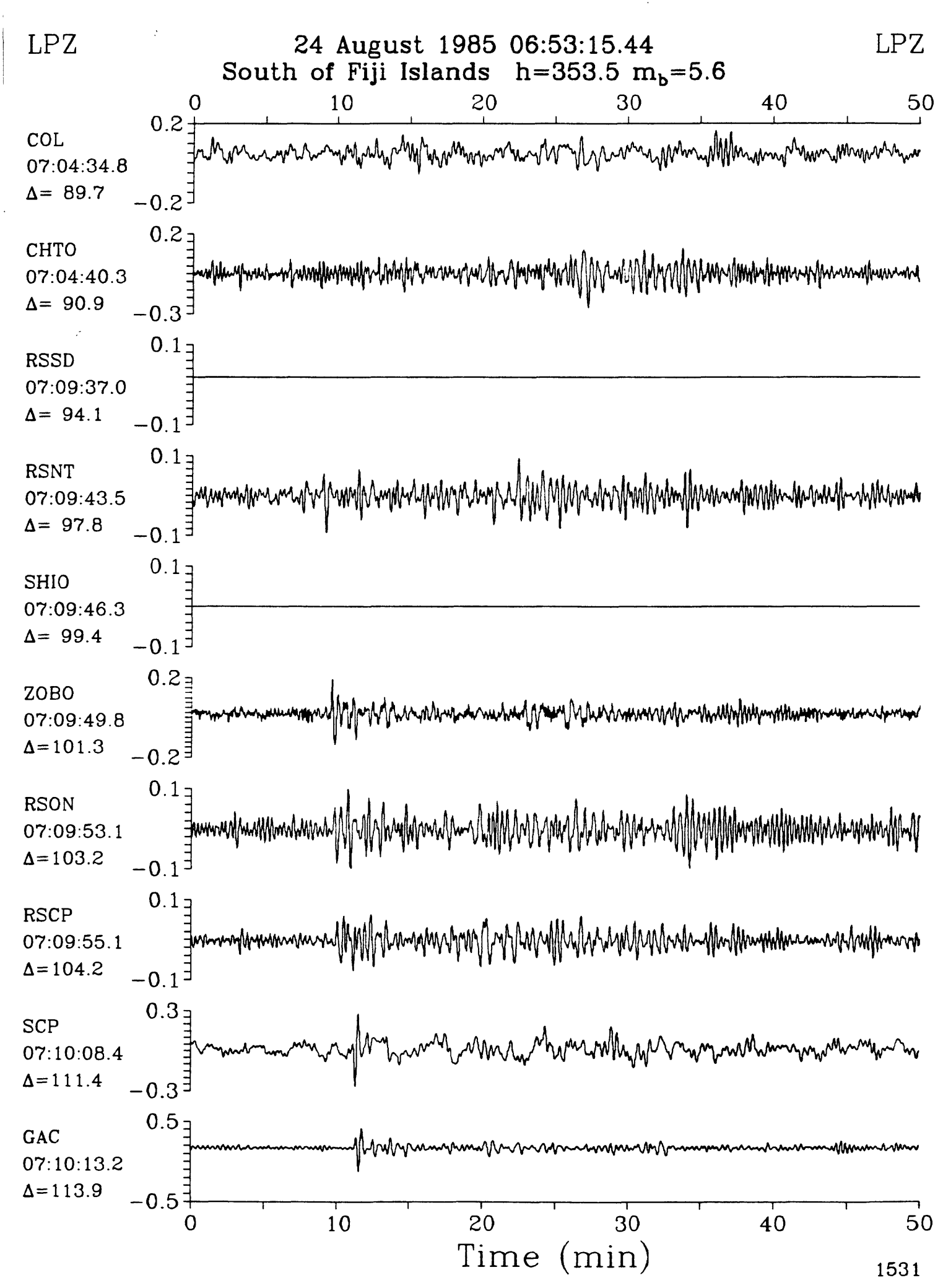
24 August 1985 06:53:15.44
South of Fiji Islands h=353.5 m_b=5.6

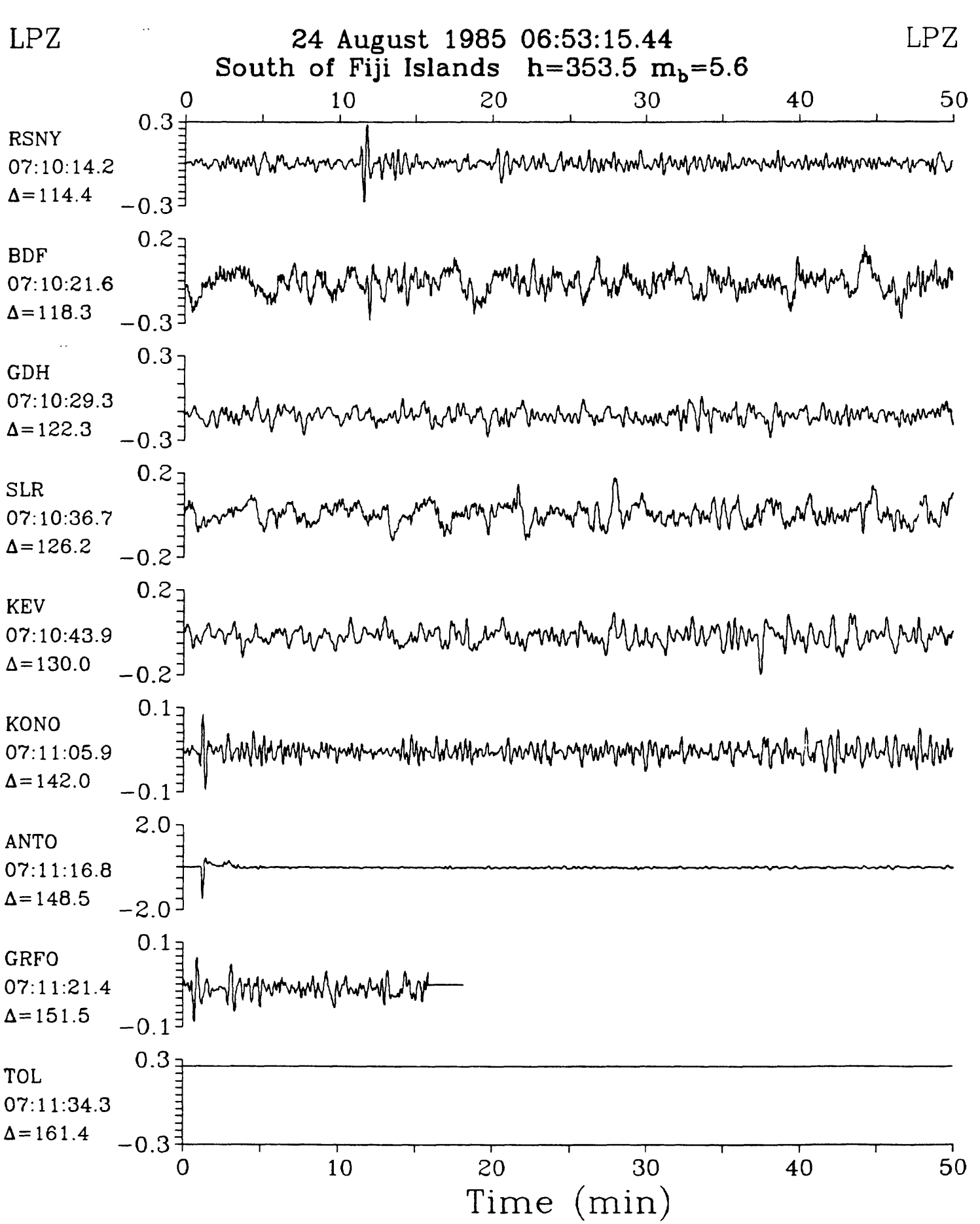
SPZ



Time (min)

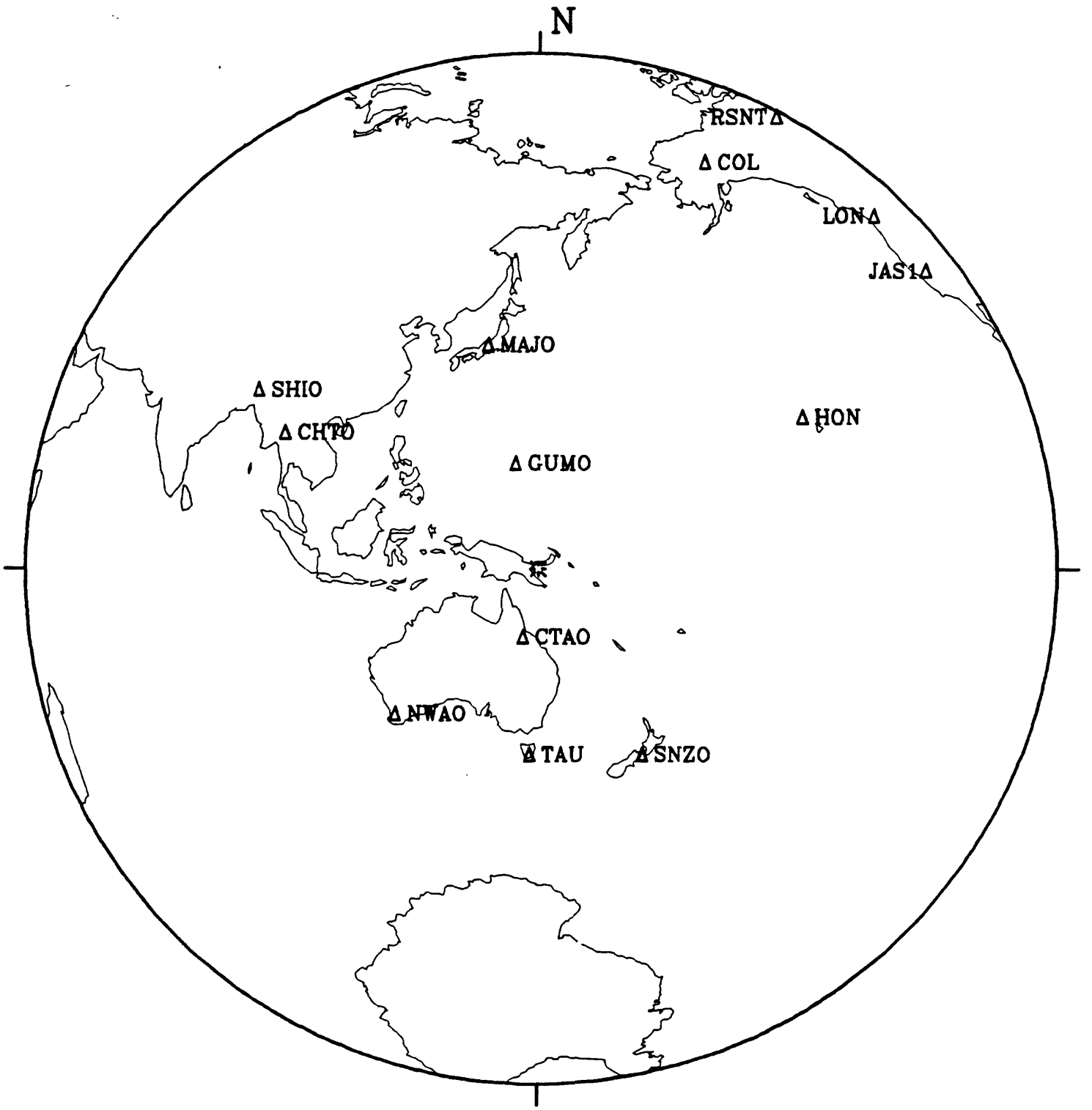

LPZ
24 August 1985 06:53:15.44
South of Fiji Islands h=353.5 m_b=5.6
LPZ
0
10
20
30
40
50
SNZO
06:56:24.7
Δ= 20.2
3.0
-3.0
CTAO
06:58:23.0
Δ= 33.5
2.0
-2.0
TAU
06:58:41.3
Δ= 35.7
0.9
-0.9
HON
07:00:14.3
Δ= 47.2
0.6
-0.6
GUMO
07:00:41.9
Δ= 50.9
0.7
-0.7
NWAO
07:01:31.4
Δ= 57.8
0.8
-0.8
MAJO
07:02:58.9
Δ= 71.5
0.5
-0.5
JAS1
07:03:48.5
Δ= 80.4
1.0
-1.0
LON
07:04:12.6
Δ= 85.1
0.4
-0.4
ANMO
07:04:28.0
Δ= 88.2
0.2
-0.3
0
10
20
30
40
50
Time (min)
1530


LPZ
24 August 1985 06:53:15.44
South of Fiji Islands h=353.5 m_b=5.6
LPZ
0
10
20
30
40
50
COL
07:04:34.8
Δ= 89.7
0.2
−0.2
CHTO
07:04:40.3
Δ= 90.9
0.2
−0.3
RSSD
07:09:37.0
Δ= 94.1
0.1
−0.1
RSNT
07:09:43.5
Δ= 97.8
0.1
−0.1
SHIO
07:09:46.3
Δ= 99.4
0.1
−0.1
ZOBO
07:09:49.8
Δ=101.3
0.2
−0.2
RSON
07:09:53.1
Δ=103.2
0.1
−0.1
RSCP
07:09:55.1
Δ=104.2
0.1
−0.1
SCP
07:10:08.4
Δ=111.4
0.3
−0.3
GAC
07:10:13.2
Δ=113.9
0.5
−0.5
0
10
20
30
40
50
Time (min)
1531


LPZ
24 August 1985 06:53:15.44
South of Fiji Islands h=353.5 m_b=5.6
LPZ
0
10
20
30
40
50
RSNY
07:10:14.2
Δ=114.4
0.3
-0.3
BDF
07:10:21.6
Δ=118.3
0.2
-0.3
GDH
07:10:29.3
Δ=122.3
0.3
-0.3
SLR
07:10:36.7
Δ=126.2
0.2
-0.2
KEV
07:10:43.9
Δ=130.0
0.2
-0.2
KONO
07:11:05.9
Δ=142.0
0.1
-0.1
ANTO
07:11:16.8
Δ=148.5
2.0
-2.0
GRFO
07:11:21.4
Δ=151.5
0.1
-0.1
TOL
07:11:34.3
Δ=161.4
0.3
-0.3
0
10
20
30
40
50
Time (min)

26 August 1985 14:08:23.12

New Britain Region

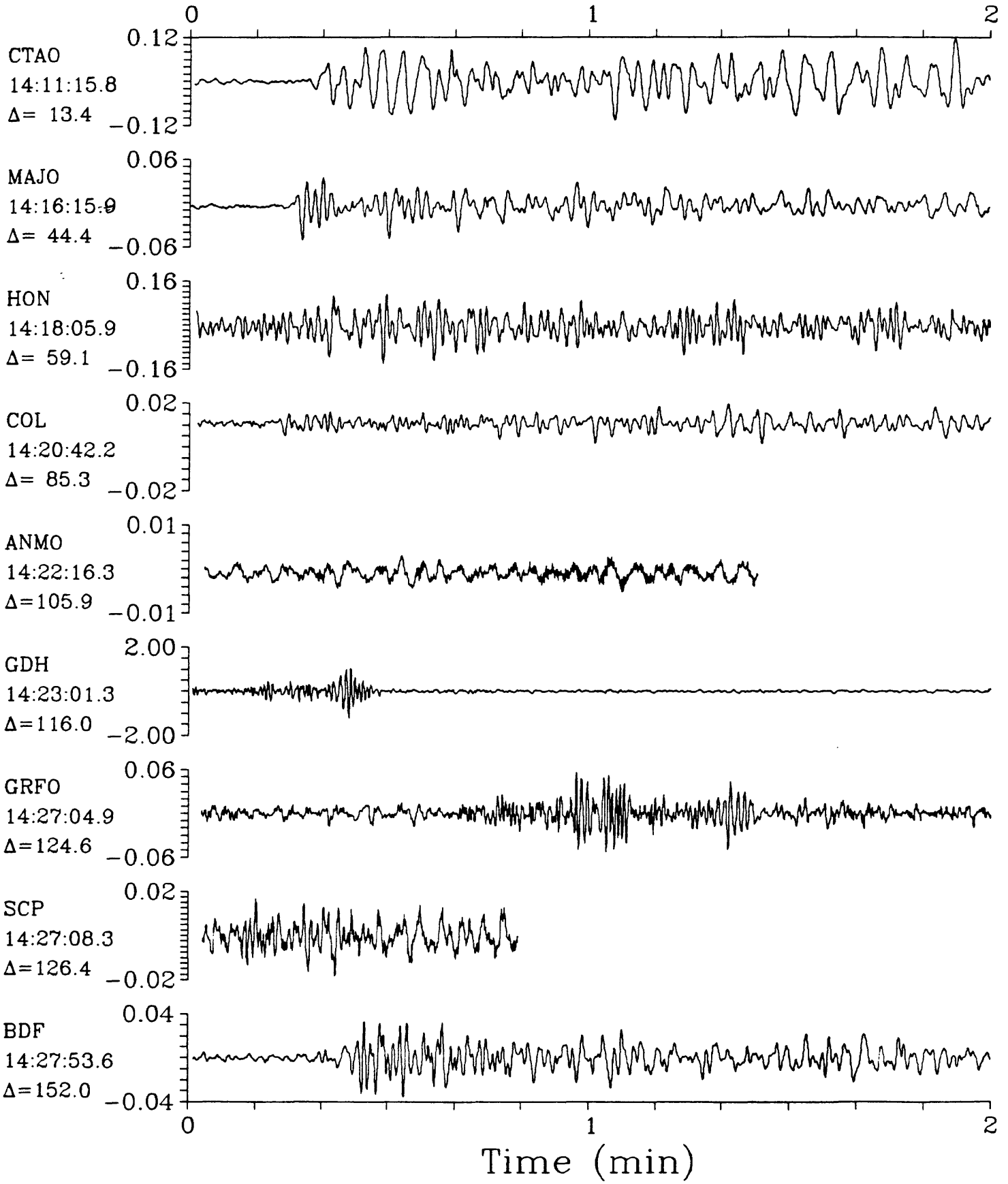


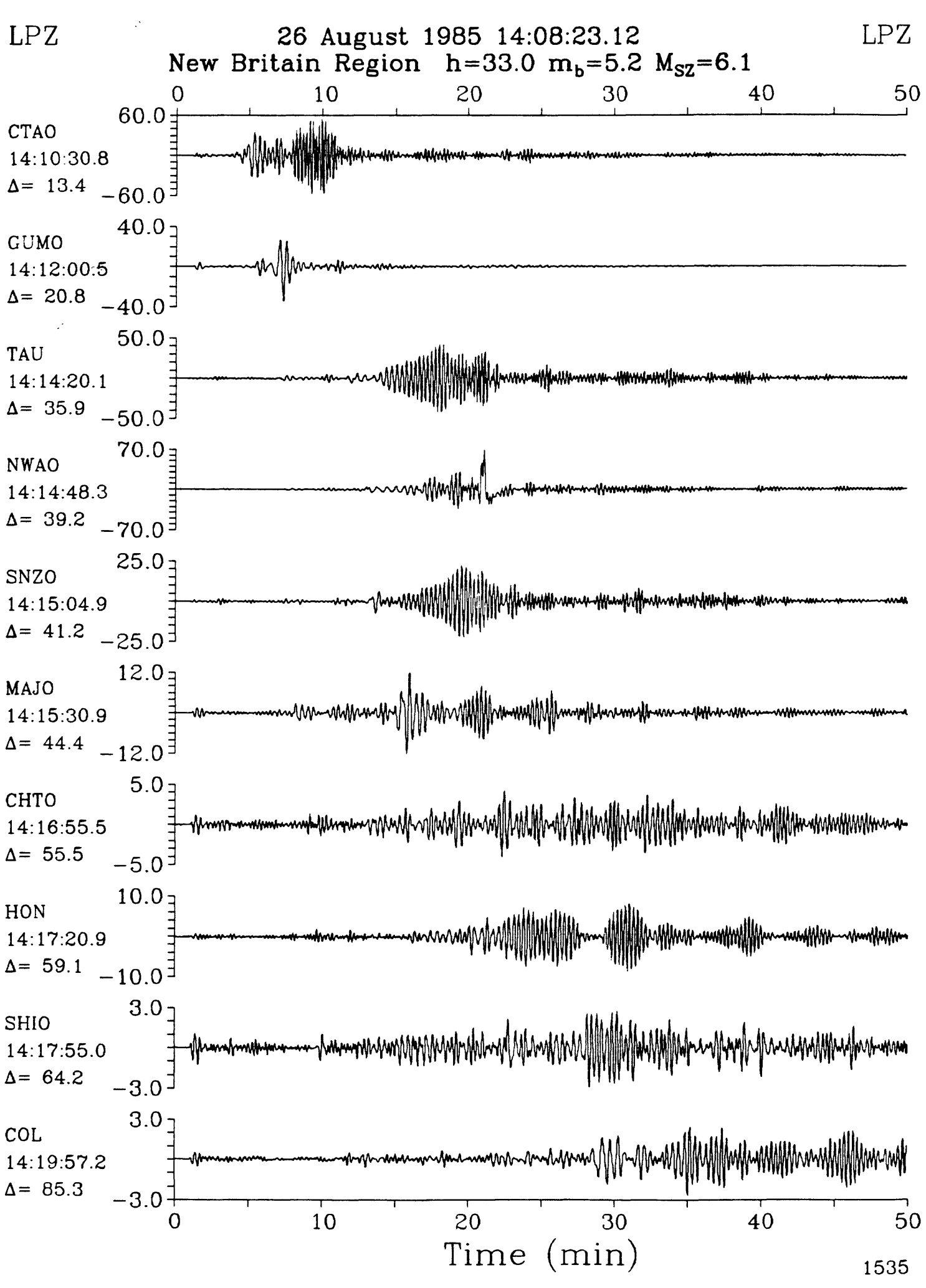
SPZ

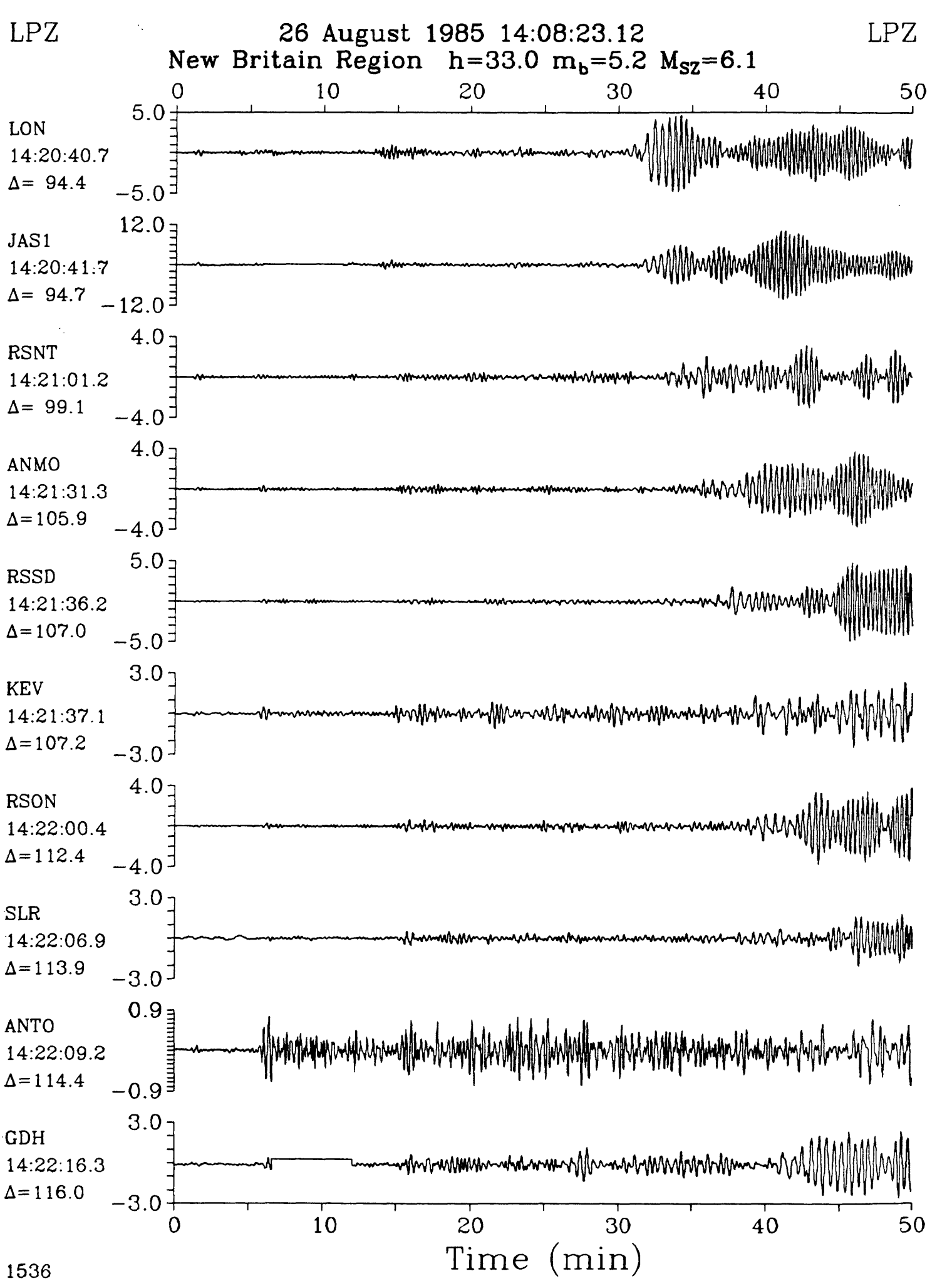
26 August 1985 14:08:23.12

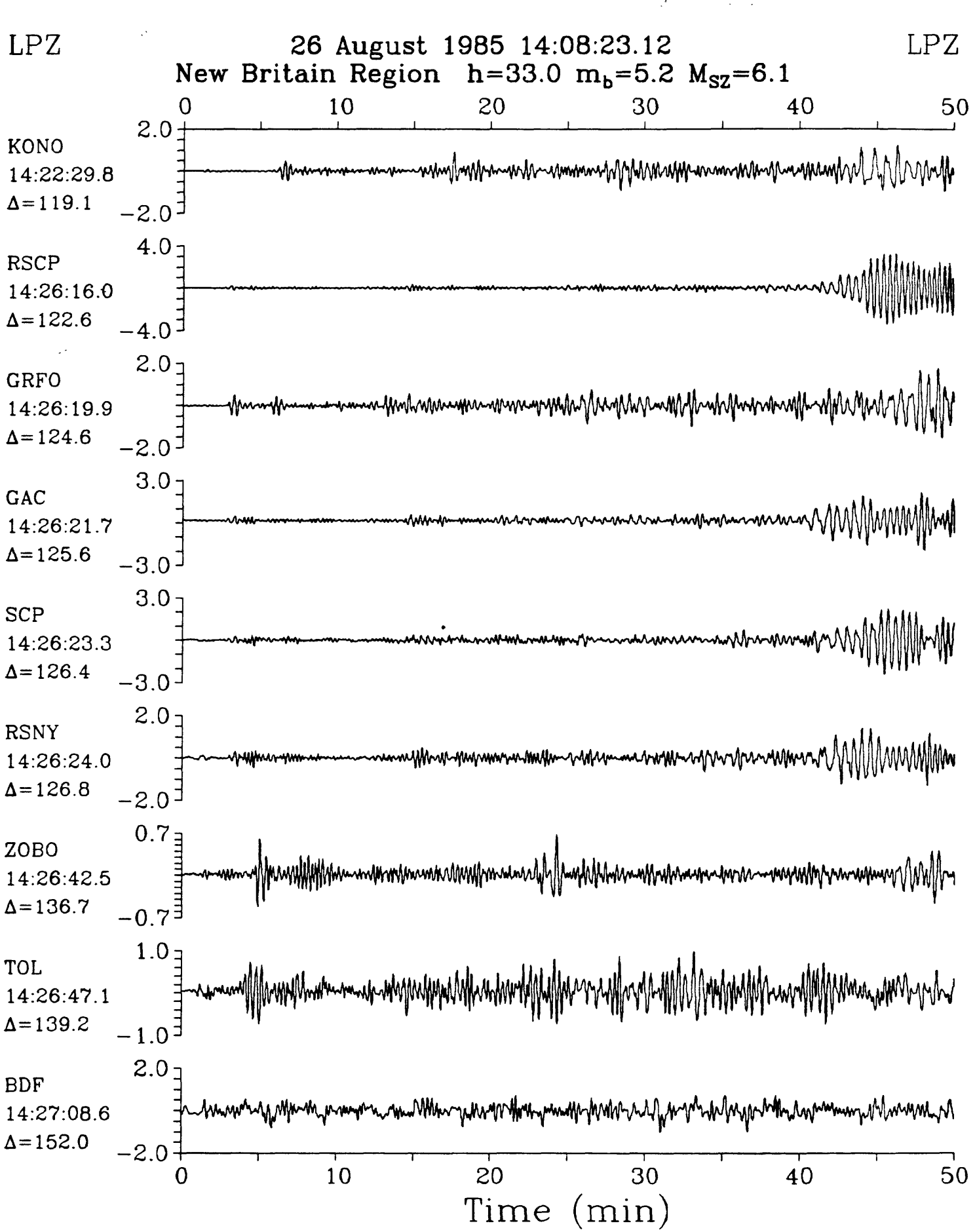
SPZ

New Britain Region h=33.0 m_b=5.2 M_{SZ}=6.1



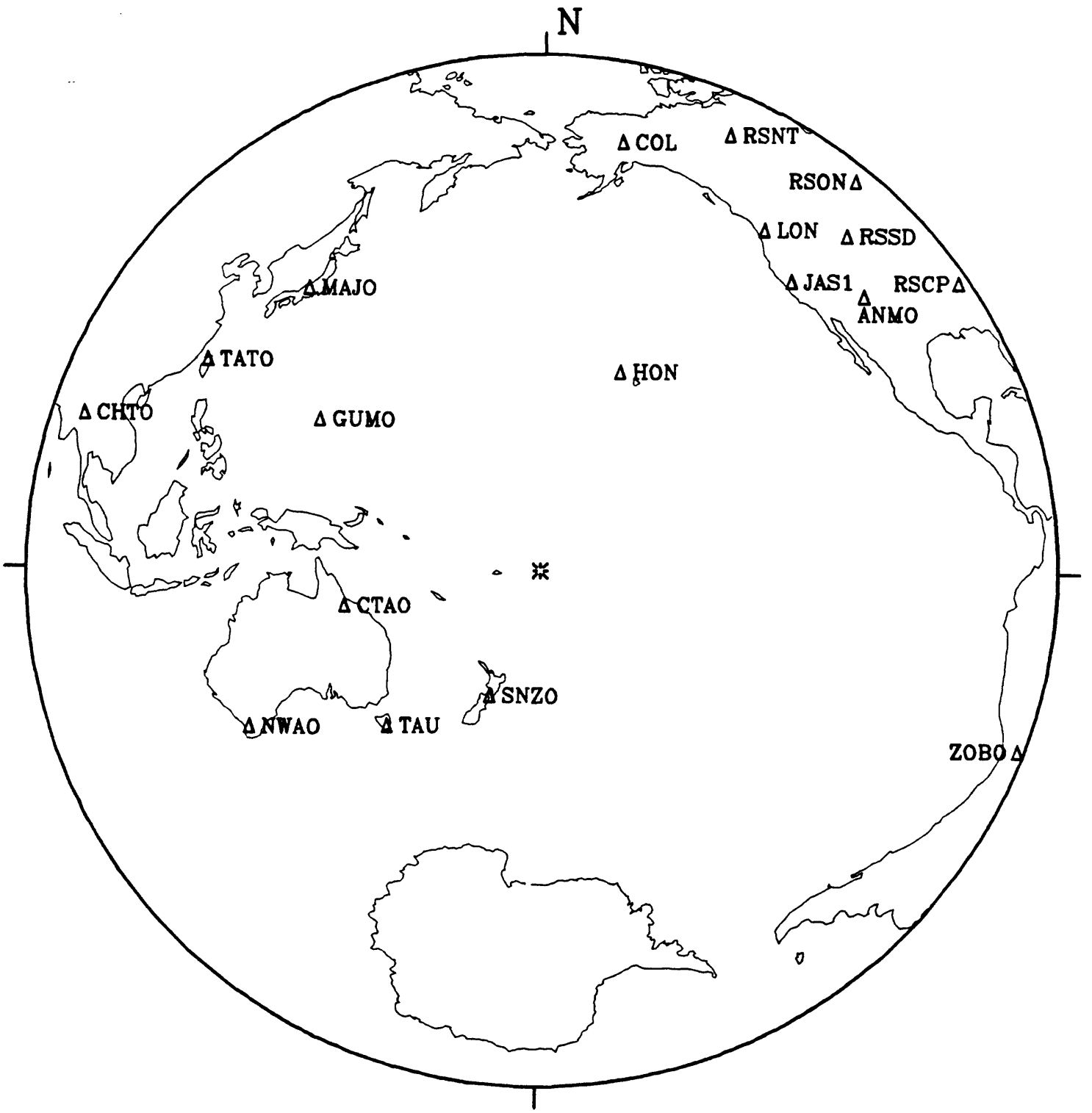

LPZ
26 August 1985 14:08:23.12
New Britain Region h=33.0 m_b=5.2 M_{SZ}=6.1
LPZ
0
10
20
30
40
50
CTAO
14:10:30.8
Δ= 13.4
60.0
-60.0
GUMO
14:12:00.5
Δ= 20.8
40.0
-40.0
TAU
14:14:20.1
Δ= 35.9
50.0
-50.0
NWAO
14:14:48.3
Δ= 39.2
70.0
-70.0
SNZO
14:15:04.9
Δ= 41.2
25.0
-25.0
MAJO
14:15:30.9
Δ= 44.4
12.0
-12.0
CHTO
14:16:55.5
Δ= 55.5
5.0
-5.0
HON
14:17:20.9
Δ= 59.1
10.0
-10.0
SHIO
14:17:55.0
Δ= 64.2
3.0
-3.0
COL
14:19:57.2
Δ= 85.3
3.0
-3.0
0
10
20
30
40
50
Time (min)
1535

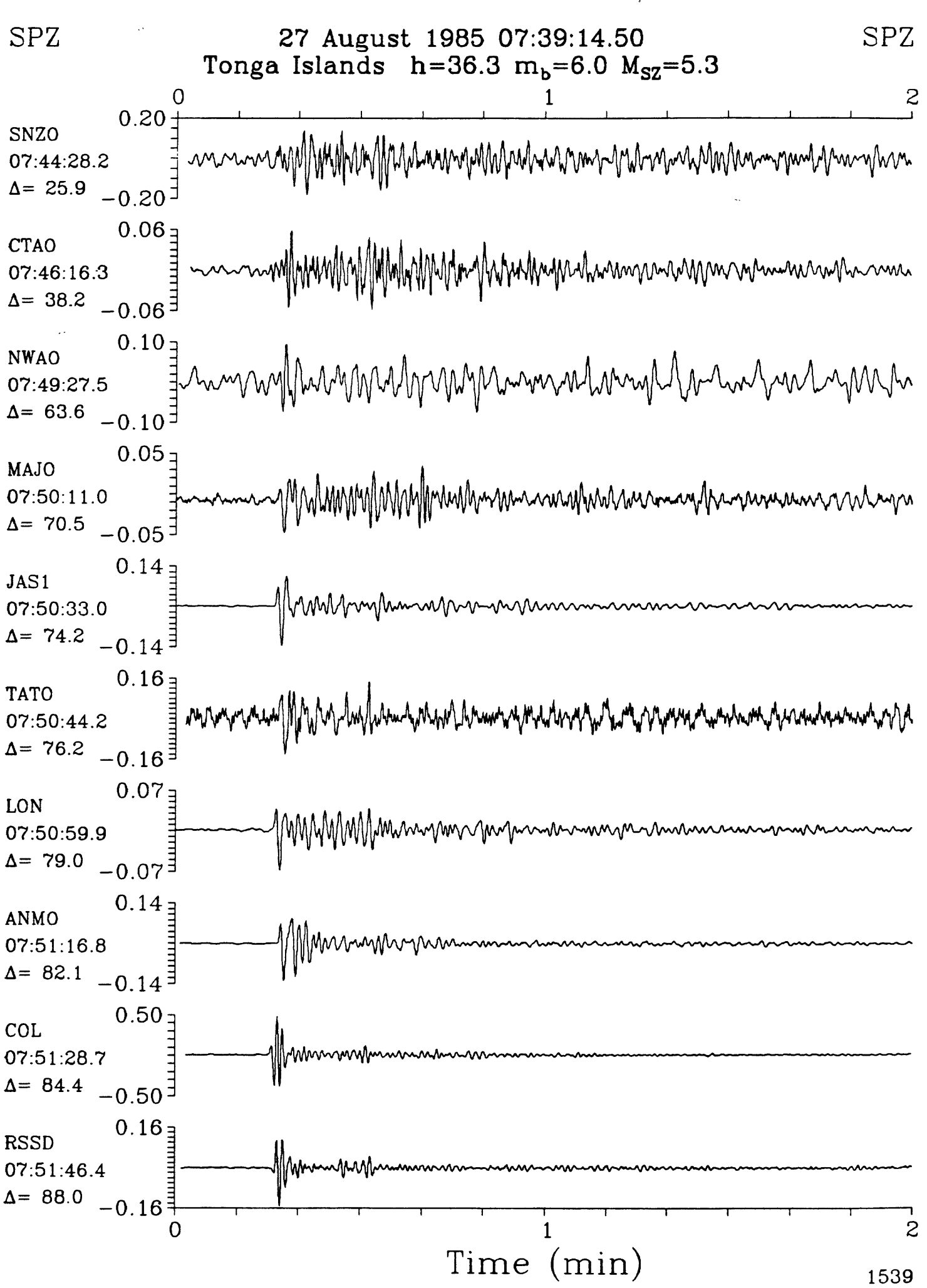

LPZ
26 August 1985 14:08:23.12
LPZ
New Britain Region h=33.0 m_b=5.2 M_{SZ}=6.1
0
10
20
30
40
50
LON
14:20:40.7
Δ= 94.4
5.0
-5.0
JAS1
14:20:41.7
Δ= 94.7
12.0
-12.0
RSNT
14:21:01.2
Δ= 99.1
4.0
-4.0
ANMO
14:21:31.3
Δ=105.9
4.0
-4.0
RSSD
14:21:36.2
Δ=107.0
5.0
-5.0
KEV
14:21:37.1
Δ=107.2
3.0
-3.0
RSON
14:22:00.4
Δ=112.4
4.0
-4.0
SLR
14:22:06.9
Δ=113.9
3.0
-3.0
ANTO
14:22:09.2
Δ=114.4
0.9
-0.9
GDH
14:22:16.3
Δ=116.0
3.0
-3.0
0
10
20
30
40
50
Time (min)
1536

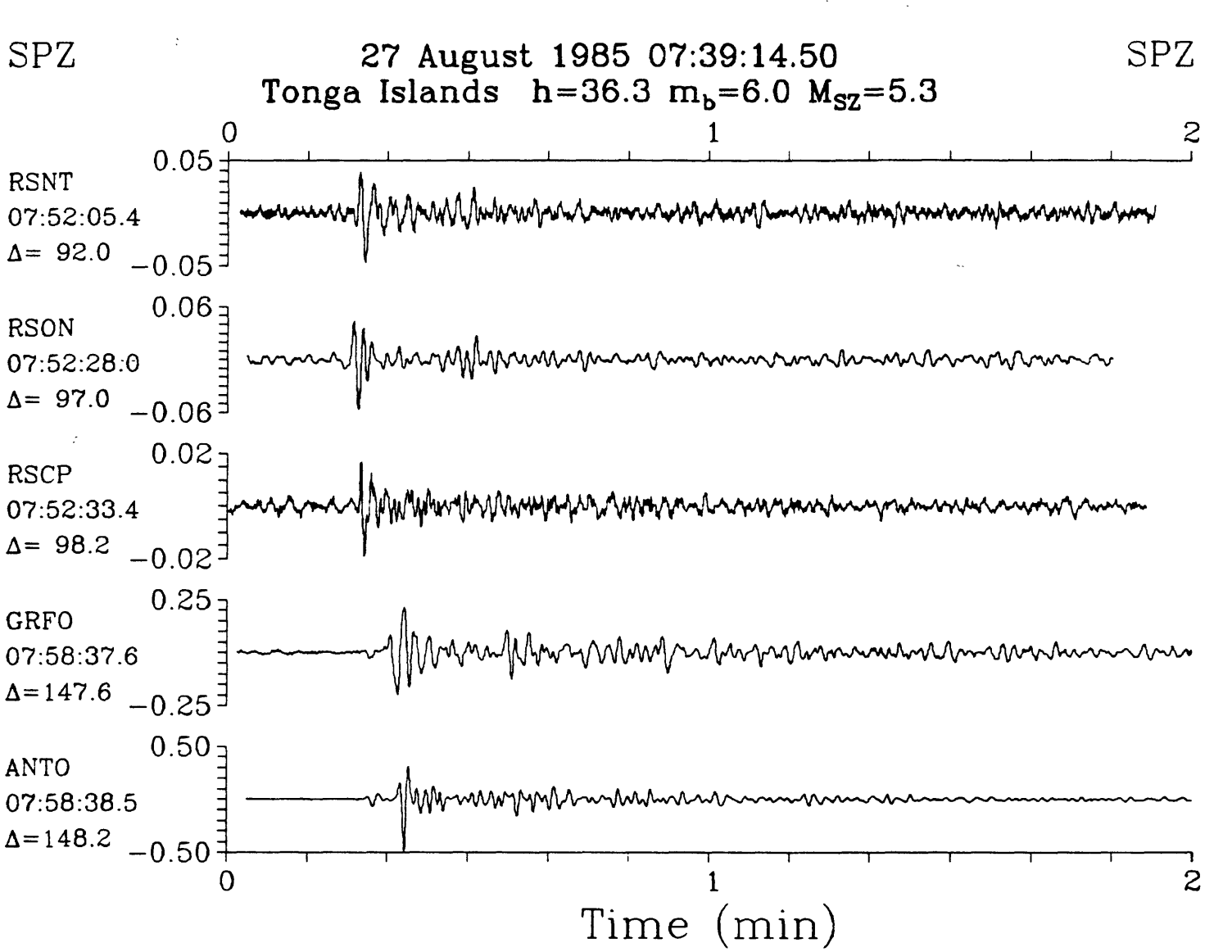

LPZ
26 August 1985 14:08:23.12
LPZ
New Britain Region h=33.0 m_b=5.2 M_{SZ}=6.1
0
10
20
30
40
50
KONO
14:22:29.8
Δ=119.1
2.0
-2.0
RSCP
14:26:16.0
Δ=122.6
4.0
-4.0
GRFO
14:26:19.9
Δ=124.6
2.0
-2.0
GAC
14:26:21.7
Δ=125.6
3.0
-3.0
SCP
14:26:23.3
Δ=126.4
3.0
-3.0
RSNY
14:26:24.0
Δ=126.8
2.0
-2.0
ZOBO
14:26:42.5
Δ=136.7
0.7
-0.7
TOL
14:26:47.1
Δ=139.2
1.0
-1.0
BDF
14:27:08.6
Δ=152.0
2.0
-2.0
0
10
20
30
40
50
Time (min)

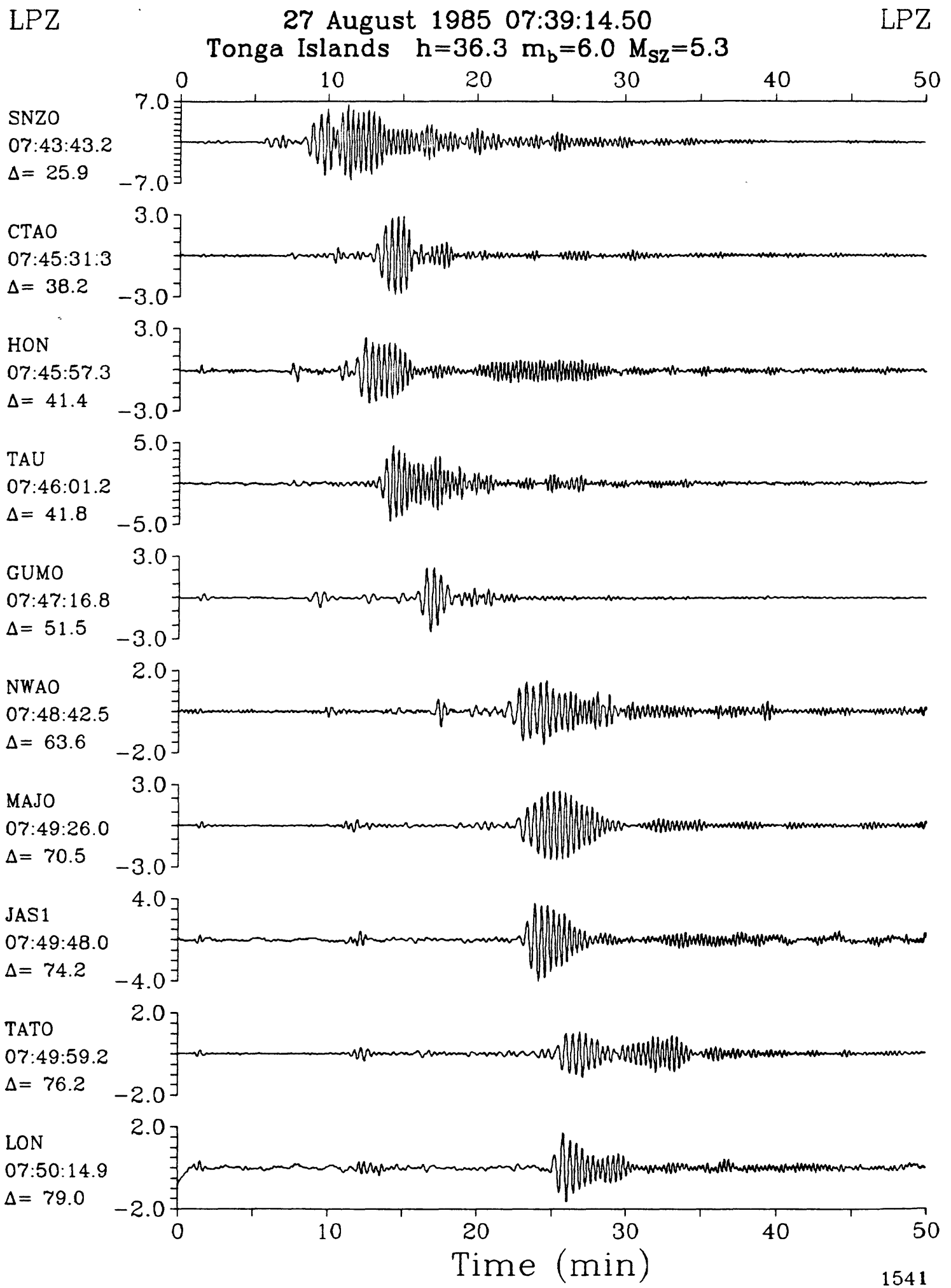
27 August 1985 07:39:14.50

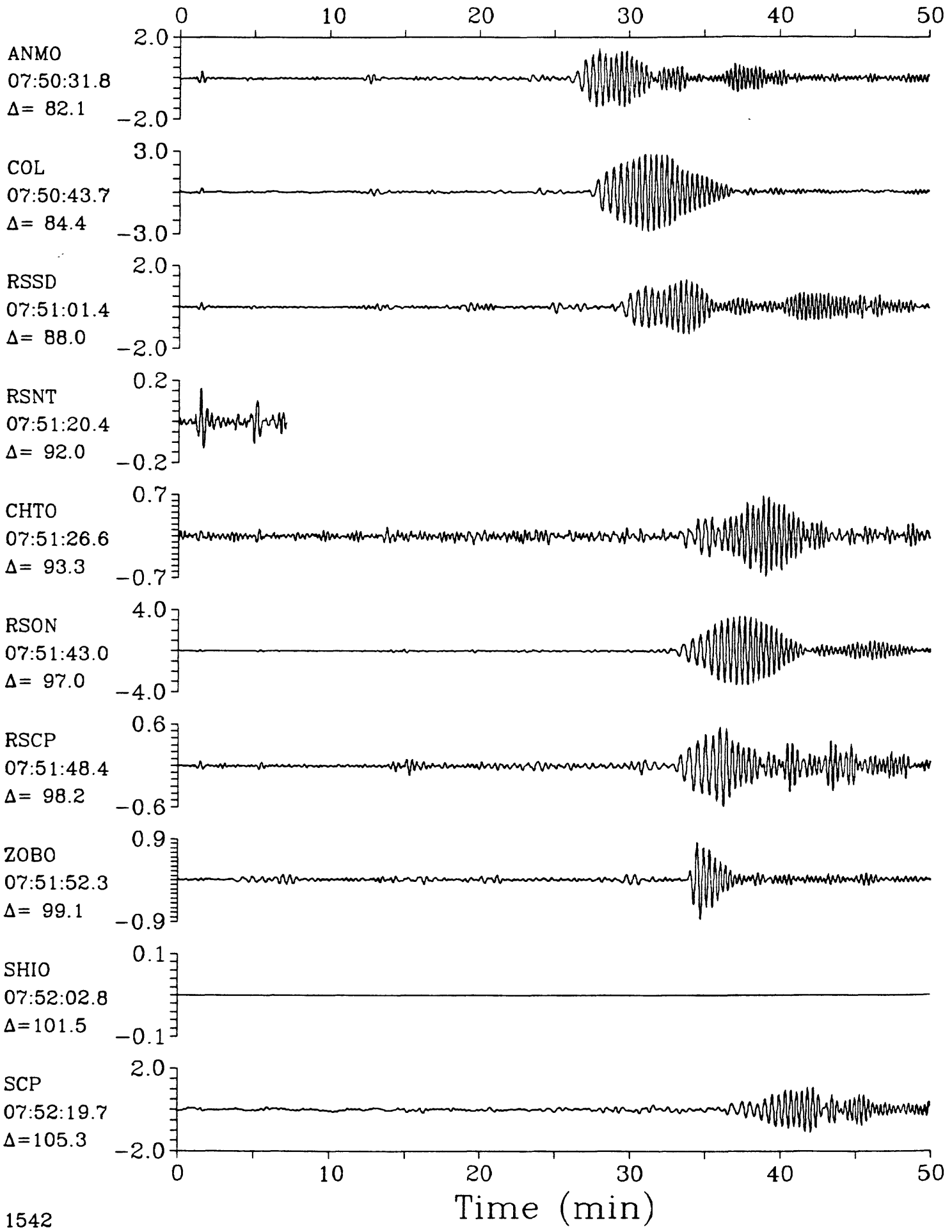
Tonga Islands



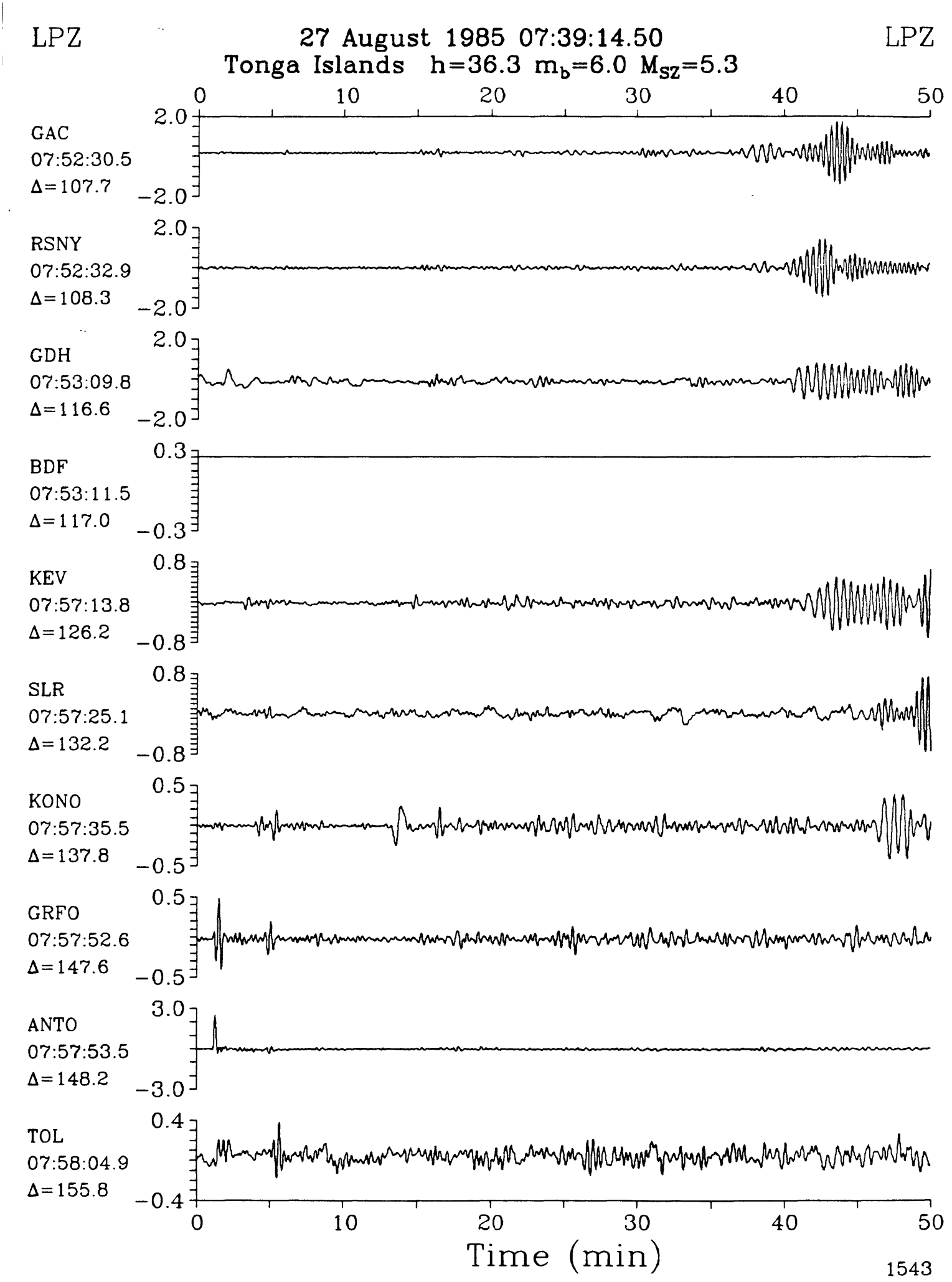

SPZ
27 August 1985 07:39:14.50
Tonga Islands h=36.3 m_b=6.0 M_{SZ}=5.3
SPZ
0
1
2
0.20
SNZO
07:44:28.2
Δ= 25.9
−0.20
0.06
CTAO
07:46:16.3
Δ= 38.2
−0.06
0.10
NWAO
07:49:27.5
Δ= 63.6
−0.10
0.05
MAJO
07:50:11.0
Δ= 70.5
−0.05
0.14
JAS1
07:50:33.0
Δ= 74.2
−0.14
0.16
TATO
07:50:44.2
Δ= 76.2
−0.16
0.07
LON
07:50:59.9
Δ= 79.0
−0.07
0.14
ANMO
07:51:16.8
Δ= 82.1
−0.14
0.50
COL
07:51:28.7
Δ= 84.4
−0.50
0.16
RSSD
07:51:46.4
Δ= 88.0
−0.16
0
1
2
Time (min)
1539


SPZ
27 August 1985 07:39:14.50
Tonga Islands h=36.3 m_b=6.0 M_{SZ}=5.3
SPZ
0
1
2
0.05
RSNT
07:52:05.4
Δ= 92.0
−0.05
0.06
RSON
07:52:28:0
Δ= 97.0
−0.06
0.02
RSCP
07:52:33.4
Δ= 98.2
−0.02
0.25
GRFO
07:58:37.6
Δ=147.6
−0.25
0.50
ANTO
07:58:38.5
Δ=148.2
−0.50
0
1
2
Time (min)


LPZ
27 August 1985 07:39:14.50
Tonga Islands h=36.3 m_b=6.0 M_{SZ}=5.3
LPZ
0
10
20
30
40
50
SNZO
07:43:43.2
Δ= 25.9
7.0
-7.0
CTAO
07:45:31:3
Δ= 38.2
3.0
-3.0
HON
07:45:57.3
Δ= 41.4
3.0
-3.0
TAU
07:46:01.2
Δ= 41.8
5.0
-5.0
GUMO
07:47:16.8
Δ= 51.5
3.0
-3.0
NWAO
07:48:42.5
Δ= 63.6
2.0
-2.0
MAJO
07:49:26.0
Δ= 70.5
3.0
-3.0
JAS1
07:49:48.0
Δ= 74.2
4.0
-4.0
TATO
07:49:59.2
Δ= 76.2
2.0
-2.0
LON
07:50:14.9
Δ= 79.0
2.0
-2.0
0
10
20
30
40
50
Time (min)
1541


LPZ
27 August 1985 07:39:14.50
Tonga Islands h=36.3 m_b=6.0 M_{SZ}=5.3
LPZ
0
10
20
30
40
50
ANMO
07:50:31.8
Δ= 82.1
2.0
-2.0
COL
07:50:43.7
Δ= 84.4
3.0
-3.0
RSSD
07:51:01.4
Δ= 88.0
2.0
-2.0
RSNT
07:51:20.4
Δ= 92.0
0.2
-0.2
CHTO
07:51:26.6
Δ= 93.3
0.7
-0.7
RSON
07:51:43.0
Δ= 97.0
4.0
-4.0
RSCP
07:51:48.4
Δ= 98.2
0.6
-0.6
ZOBO
07:51:52.3
Δ= 99.1
0.9
-0.9
SHIO
07:52:02.8
Δ=101.5
0.1
-0.1
SCP
07:52:19.7
Δ=105.3
2.0
-2.0
0
10
20
30
40
50
Time (min)

1542

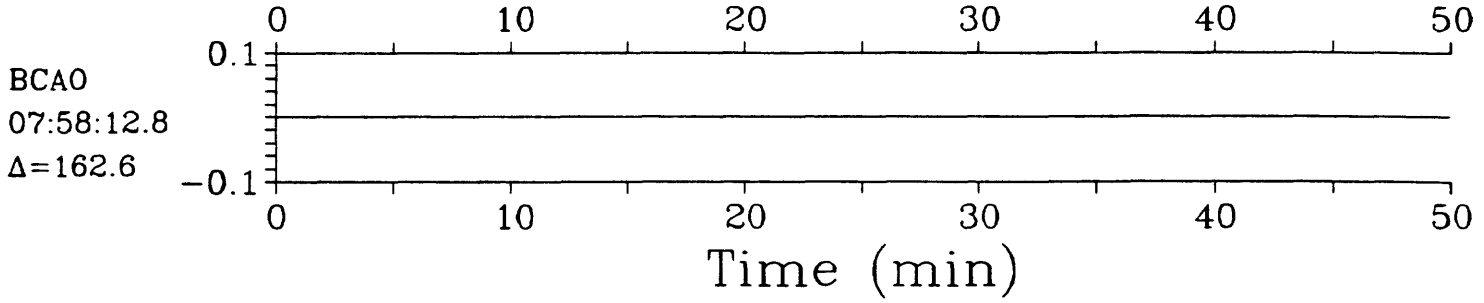

LPZ
27 August 1985 07:39:14.50
Tonga Islands h=36.3 m_b=6.0 M_{SZ}=5.3
LPZ
0
10
20
30
40
50
GAC
07:52:30.5
Δ=107.7
2.0
-2.0
RSNY
07:52:32.9
Δ=108.3
2.0
-2.0
GDH
07:53:09.8
Δ=116.6
2.0
-2.0
BDF
07:53:11.5
Δ=117.0
0.3
-0.3
KEV
07:57:13.8
Δ=126.2
0.8
-0.8
SLR
07:57:25.1
Δ=132.2
0.8
-0.8
KONO
07:57:35.5
Δ=137.8
0.5
-0.5
GRFO
07:57:52.6
Δ=147.6
0.5
-0.5
ANTO
07:57:53.5
Δ=148.2
3.0
-3.0
TOL
07:58:04.9
Δ=155.8
0.4
-0.4
0
10
20
30
40
50
Time (min)
1543

LPZ

27 August 1985 07:39:14.50

Tonga Islands h=36.3 m_b=6.0 M_{SZ}=5.3

LPZ



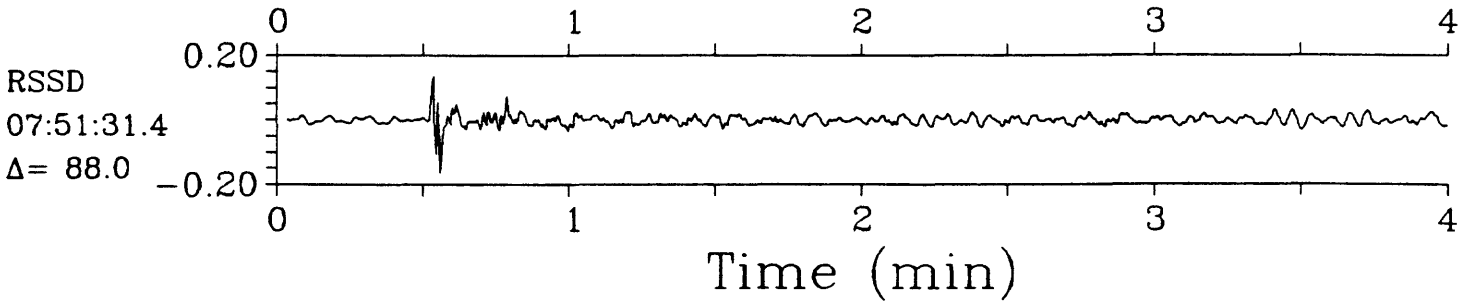
Time (min)

IPZ

27 August 1985 07:39:14.50

Tonga Islands h=36.3 m_b=6.0 M_{SZ}=5.3

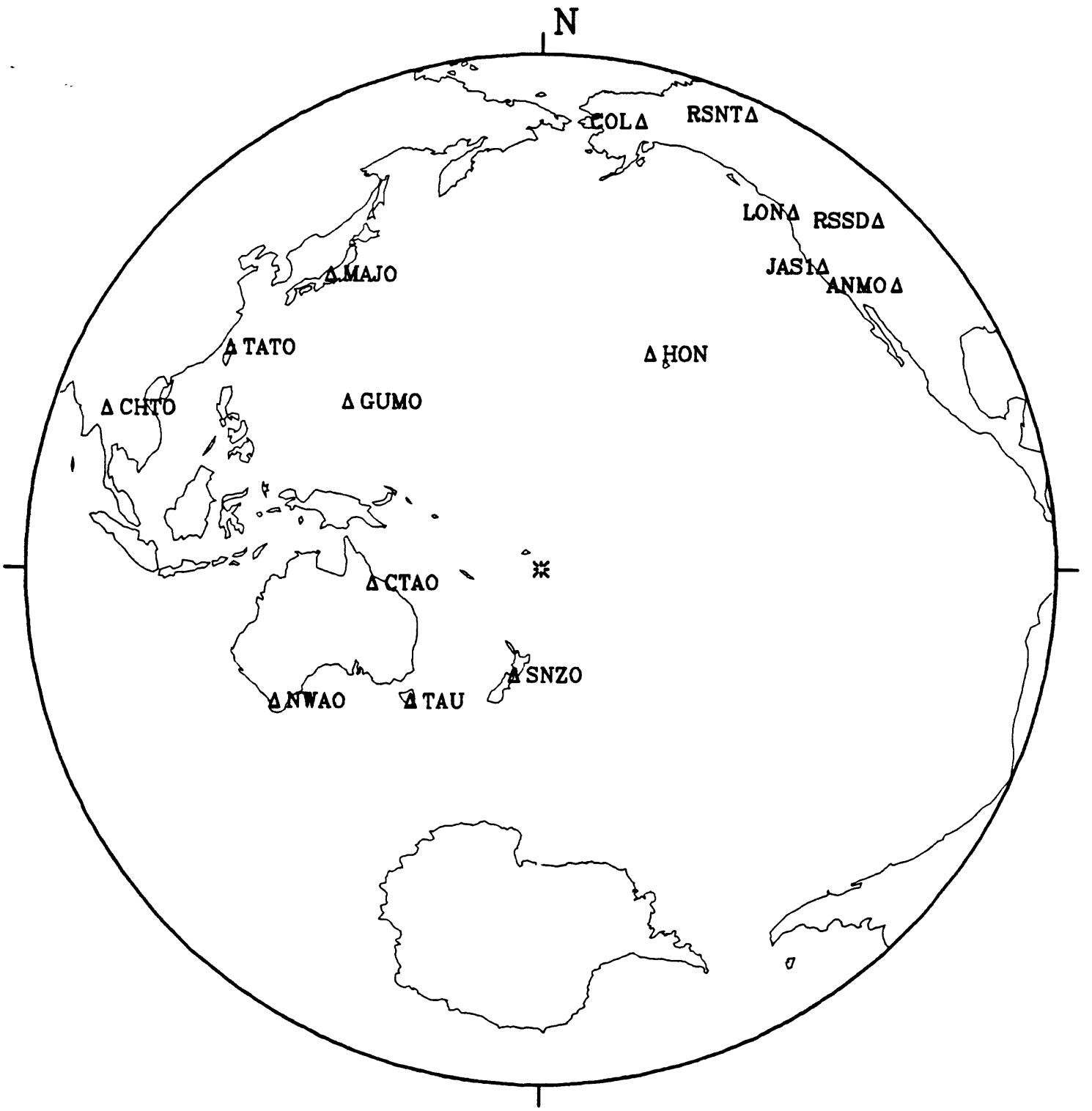
IPZ

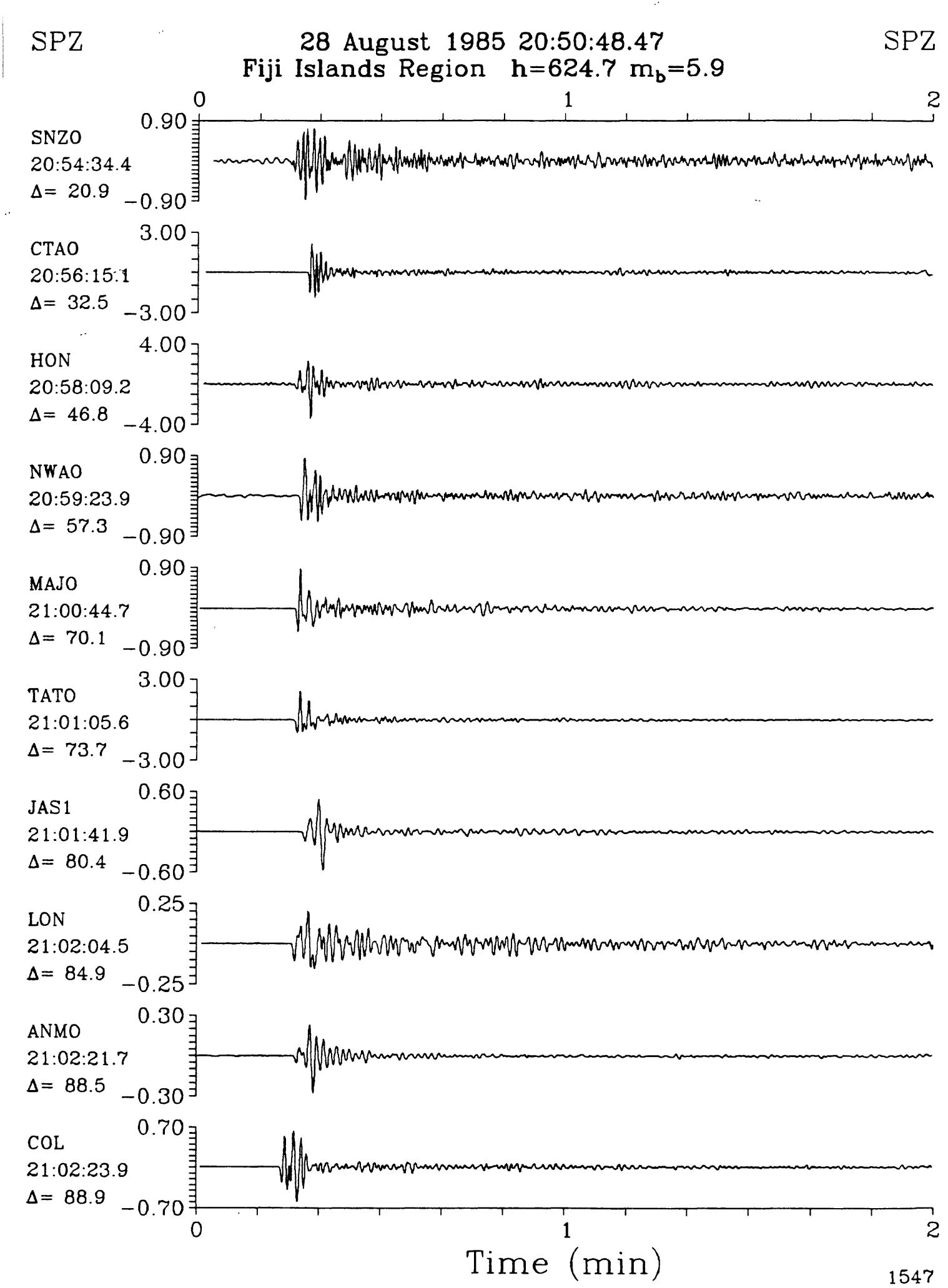


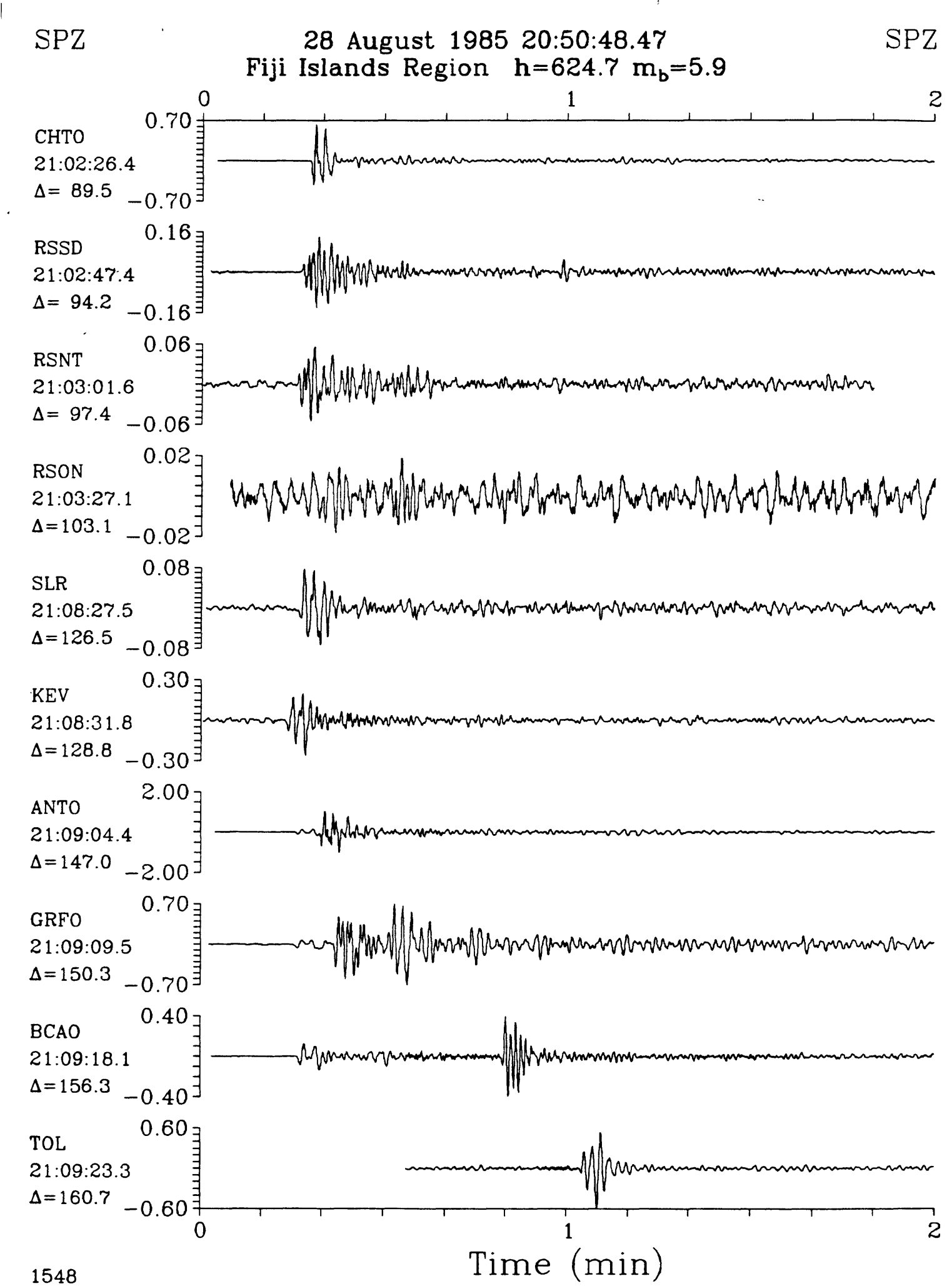
Time (min)

28 August 1985 20:50:48.47

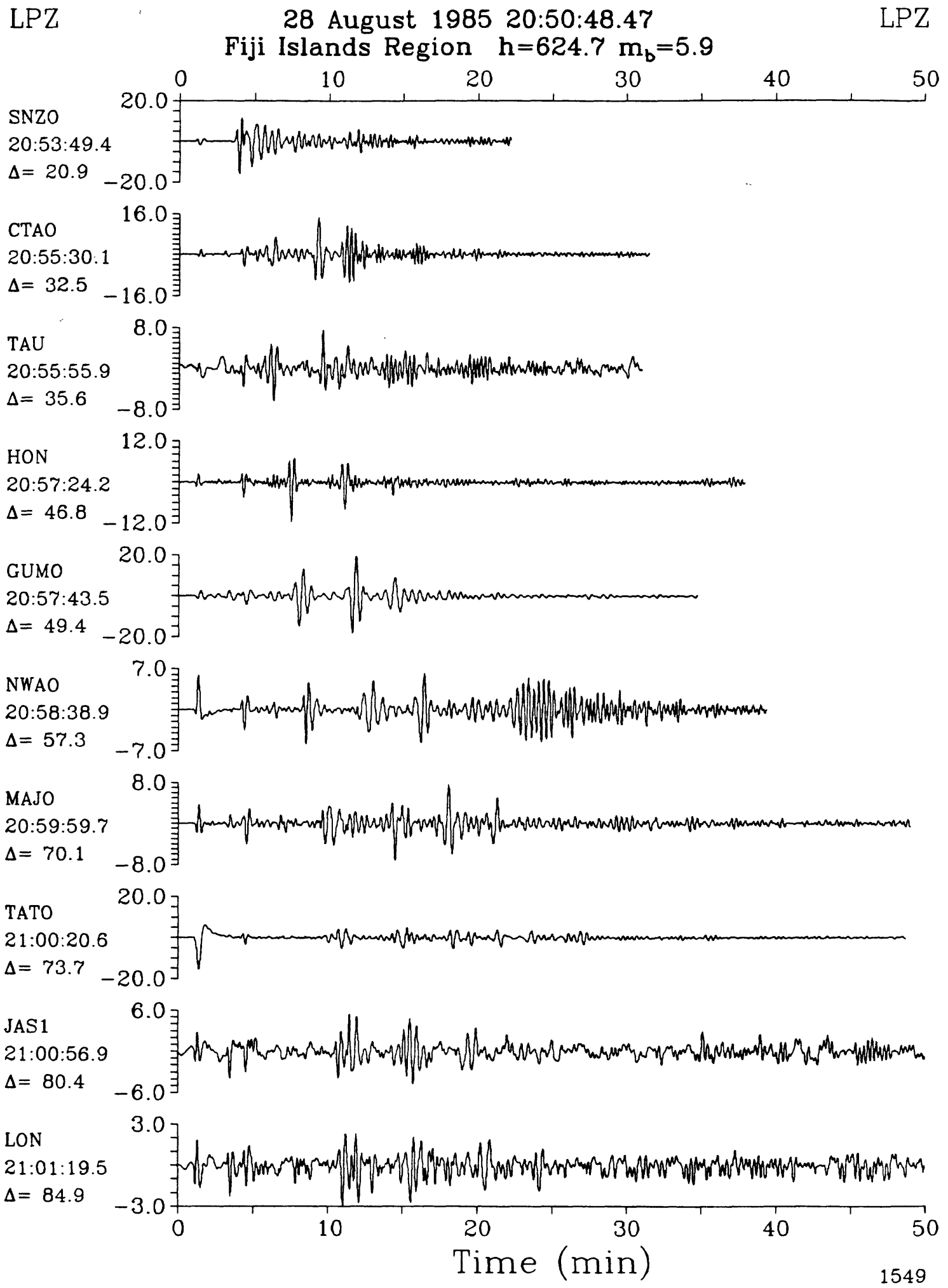
Fiji Islands Region

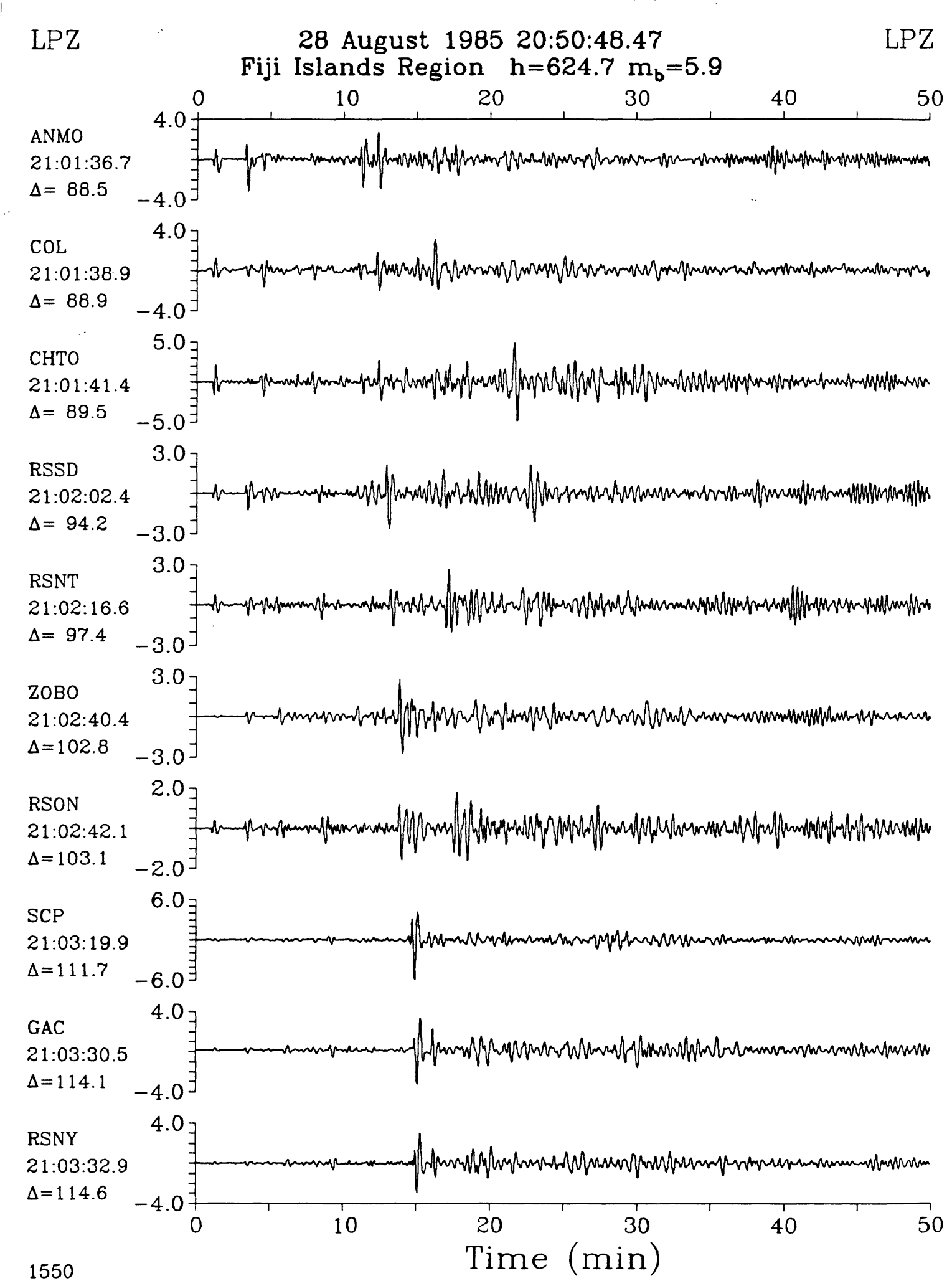


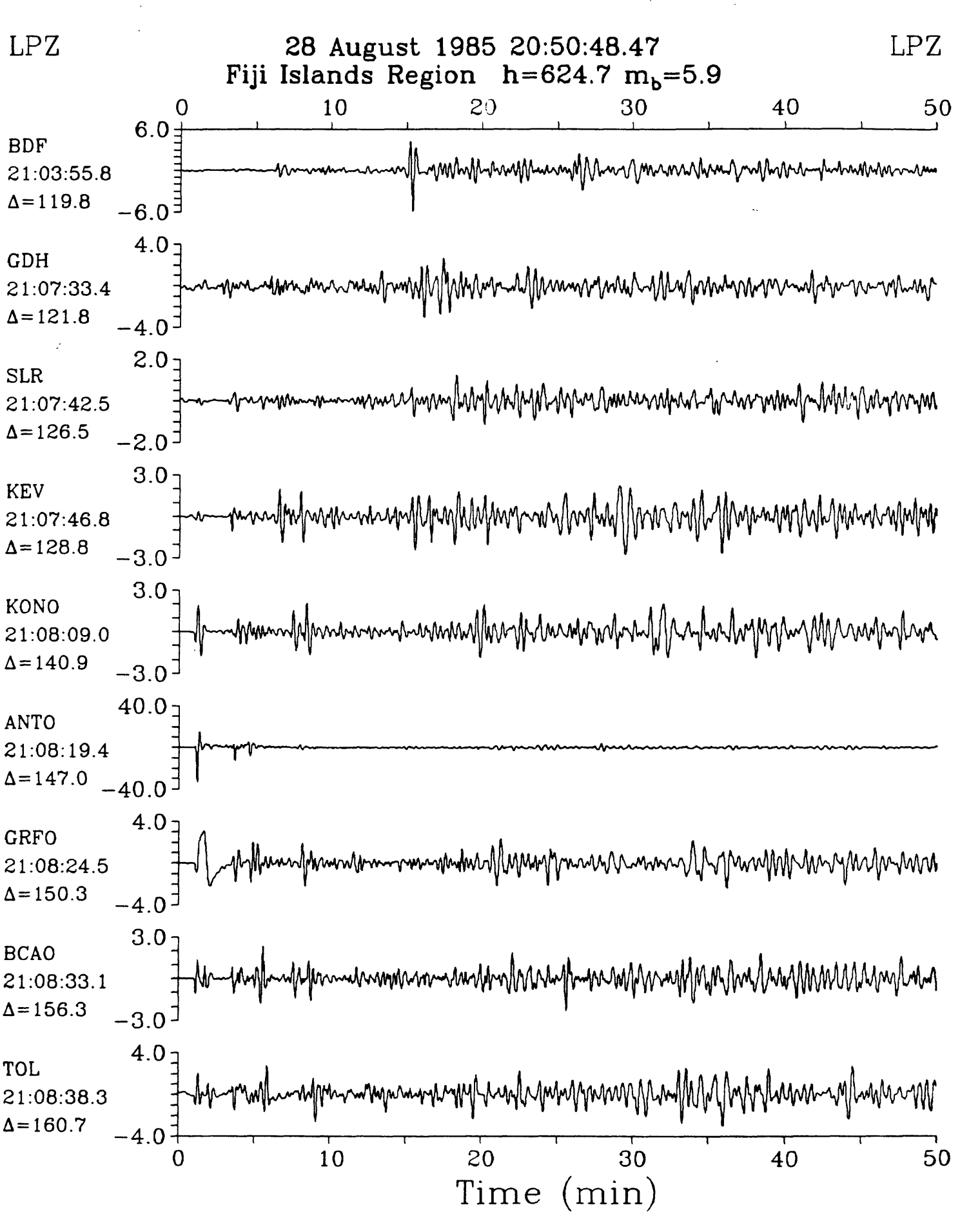

SPZ
28 August 1985 20:50:48.47
Fiji Islands Region h=624.7 m_b=5.9
SPZ
0
1
2
0.90
SNZO
20:54:34.4
Δ= 20.9
-0.90
3.00
CTAO
20:56:15.1
Δ= 32.5
-3.00
4.00
HON
20:58:09.2
Δ= 46.8
-4.00
0.90
NWAO
20:59:23.9
Δ= 57.3
-0.90
0.90
MAJO
21:00:44.7
Δ= 70.1
-0.90
3.00
TATO
21:01:05.6
Δ= 73.7
-3.00
0.60
JAS1
21:01:41.9
Δ= 80.4
-0.60
0.25
LON
21:02:04.5
Δ= 84.9
-0.25
0.30
ANMO
21:02:21.7
Δ= 88.5
-0.30
0.70
COL
21:02:23.9
Δ= 88.9
-0.70
0
1
2
Time (min)
1547


SPZ
28 August 1985 20:50:48.47
Fiji Islands Region h=624.7 m_b=5.9
SPZ
0
1
2
CHTO
21:02:26.4
Δ= 89.5
0.70
-0.70
RSSD
21:02:47.4
Δ= 94.2
0.16
-0.16
RSNT
21:03:01.6
Δ= 97.4
0.06
-0.06
RSON
21:03:27.1
Δ=103.1
0.02
-0.02
SLR
21:08:27.5
Δ=126.5
0.08
-0.08
KEV
21:08:31.8
Δ=128.8
0.30
-0.30
ANTO
21:09:04.4
Δ=147.0
2.00
-2.00
GRFO
21:09:09.5
Δ=150.3
0.70
-0.70
BCAO
21:09:18.1
Δ=156.3
0.40
-0.40
TOL
21:09:23.3
Δ=160.7
0.60
-0.60
0
1
2
Time (min)

1548


LPZ
28 August 1985 20:50:48.47
Fiji Islands Region h=624.7 m_b=5.9
LPZ
0
10
20
30
40
50
SNZO
20:53:49.4
Δ= 20.9
20.0
-20.0
CTAO
20:55:30.1
Δ= 32.5
16.0
-16.0
TAU
20:55:55.9
Δ= 35.6
8.0
-8.0
HON
20:57:24.2
Δ= 46.8
12.0
-12.0
GUMO
20:57:43.5
Δ= 49.4
20.0
-20.0
NWAO
20:58:38.9
Δ= 57.3
7.0
-7.0
MAJO
20:59:59.7
Δ= 70.1
8.0
-8.0
TATO
21:00:20.6
Δ= 73.7
20.0
-20.0
JAS1
21:00:56.9
Δ= 80.4
6.0
-6.0
LON
21:01:19.5
Δ= 84.9
3.0
-3.0
0
10
20
30
40
50
Time (min)
1549

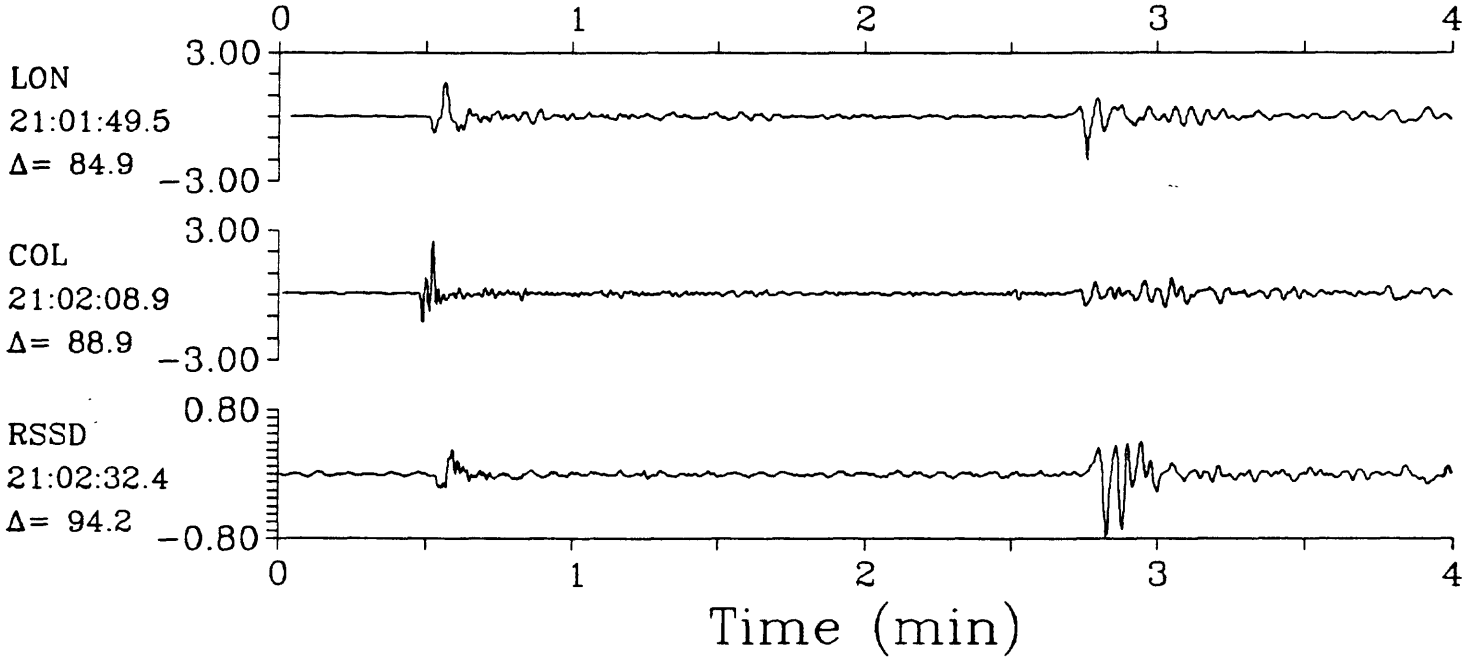

LPZ
28 August 1985 20:50:48.47
Fiji Islands Region h=624.7 m_b=5.9
LPZ
0
10
20
30
40
50
ANMO
21:01:36.7
Δ= 88.5
4.0
-4.0
COL
21:01:38.9
Δ= 88.9
4.0
-4.0
CHTO
21:01:41.4
Δ= 89.5
5.0
-5.0
RSSD
21:02:02.4
Δ= 94.2
3.0
-3.0
RSNT
21:02:16.6
Δ= 97.4
3.0
-3.0
ZOBO
21:02:40.4
Δ=102.8
3.0
-3.0
RSON
21:02:42.1
Δ=103.1
2.0
-2.0
SCP
21:03:19.9
Δ=111.7
6.0
-6.0
GAC
21:03:30.5
Δ=114.1
4.0
-4.0
RSNY
21:03:32.9
Δ=114.6
4.0
-4.0
0
10
20
30
40
50
Time (min)
1550


LPZ
28 August 1985 20:50:48.47
Fiji Islands Region h=624.7 m_b=5.9
LPZ
0
10
20
30
40
50
BDF
21:03:55.8
Δ=119.8
6.0
-6.0
GDH
21:07:33.4
Δ=121.8
4.0
-4.0
SLR
21:07:42.5
Δ=126.5
2.0
-2.0
KEV
21:07:46.8
Δ=128.8
3.0
-3.0
KONO
21:08:09.0
Δ=140.9
3.0
-3.0
ANTO
21:08:19.4
Δ=147.0
40.0
-40.0
GRFO
21:08:24.5
Δ=150.3
4.0
-4.0
BCAO
21:08:33.1
Δ=156.3
3.0
-3.0
TOL
21:08:38.3
Δ=160.7
4.0
-4.0
0
10
20
30
40
50
Time (min)

IPZ IPZ

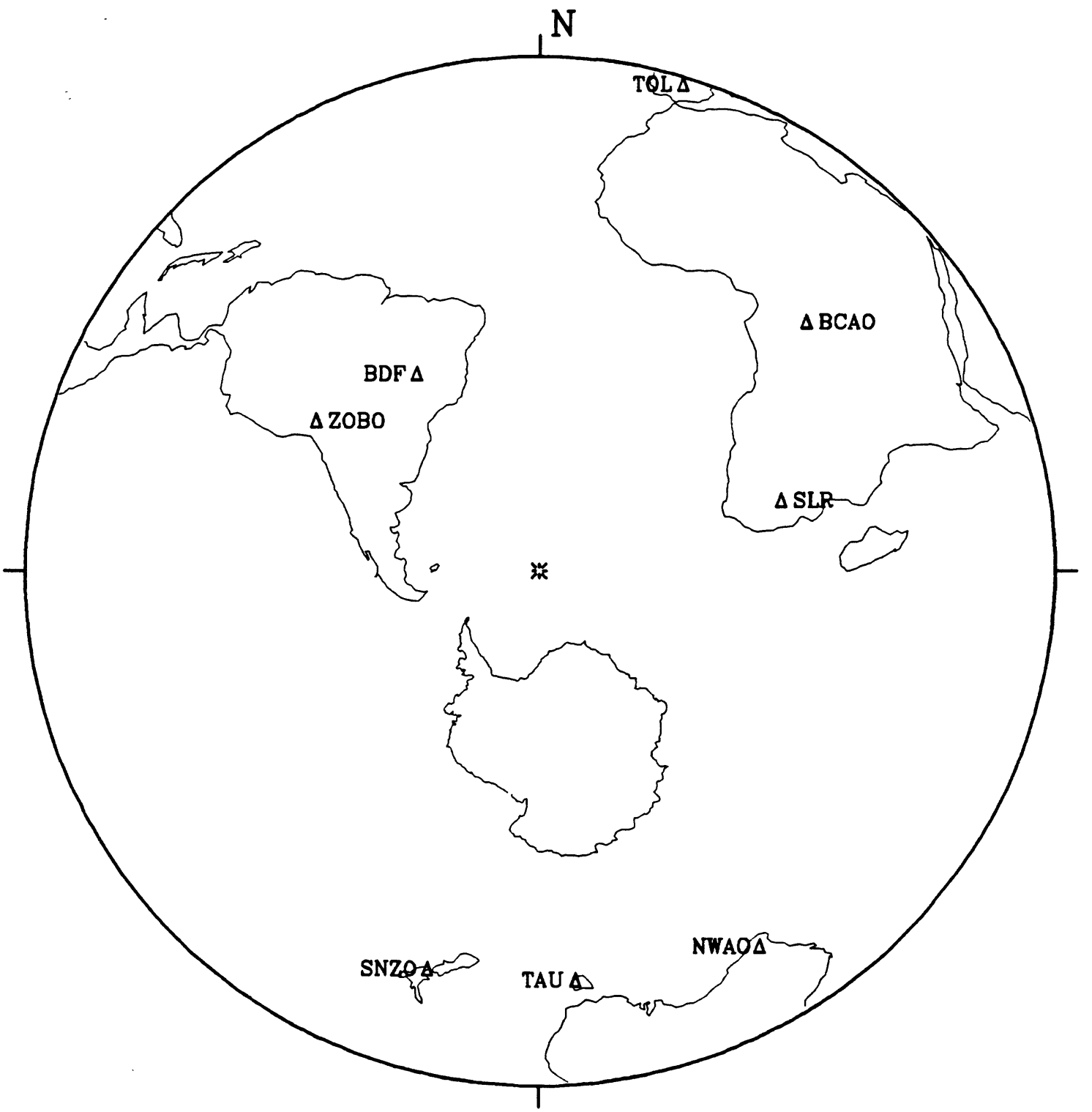
28 August 1985 20:50:48.47

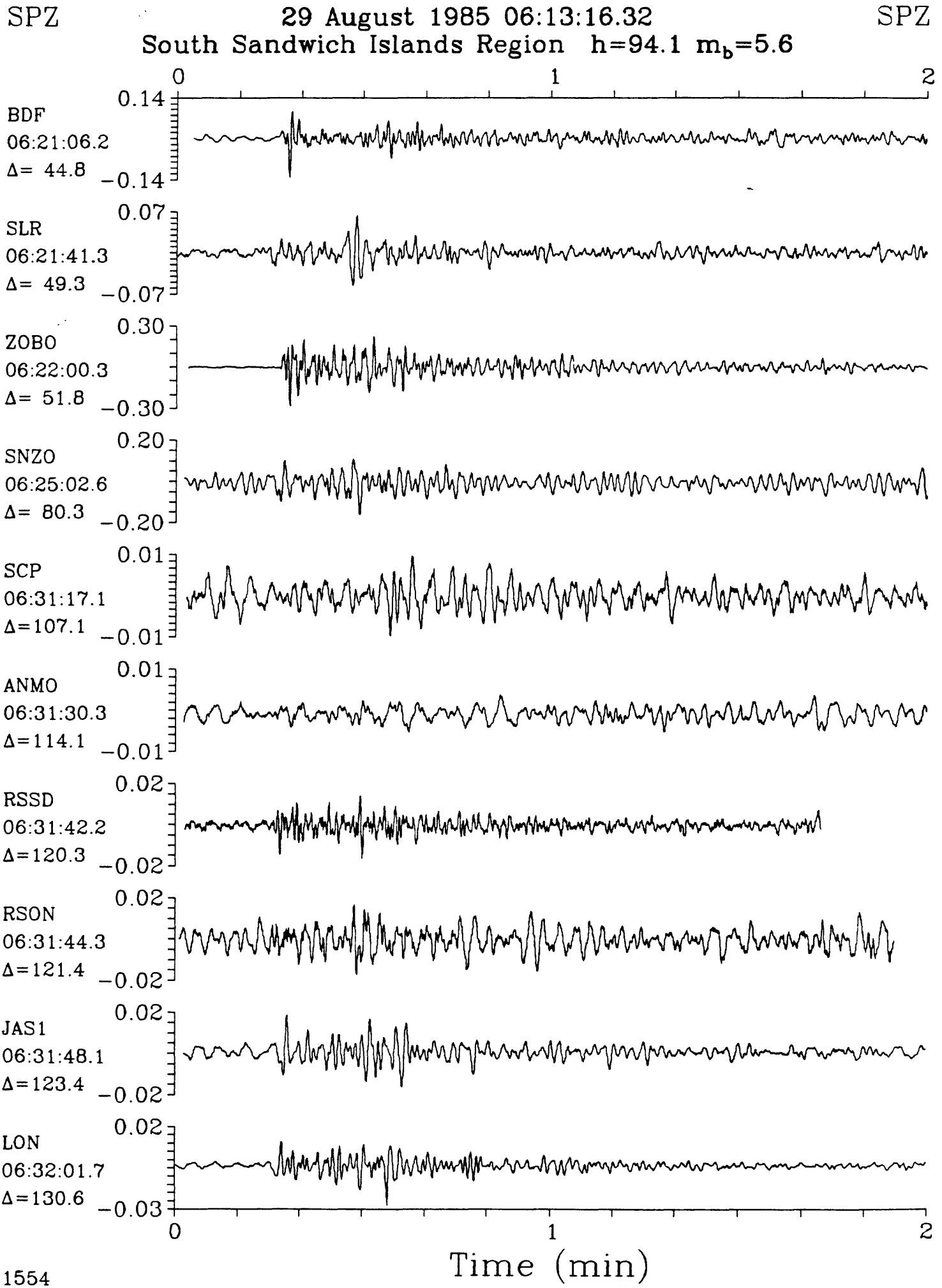
Fiji Islands Region h=624.7 m_b=5.9



29 August 1985 06:13:16.32

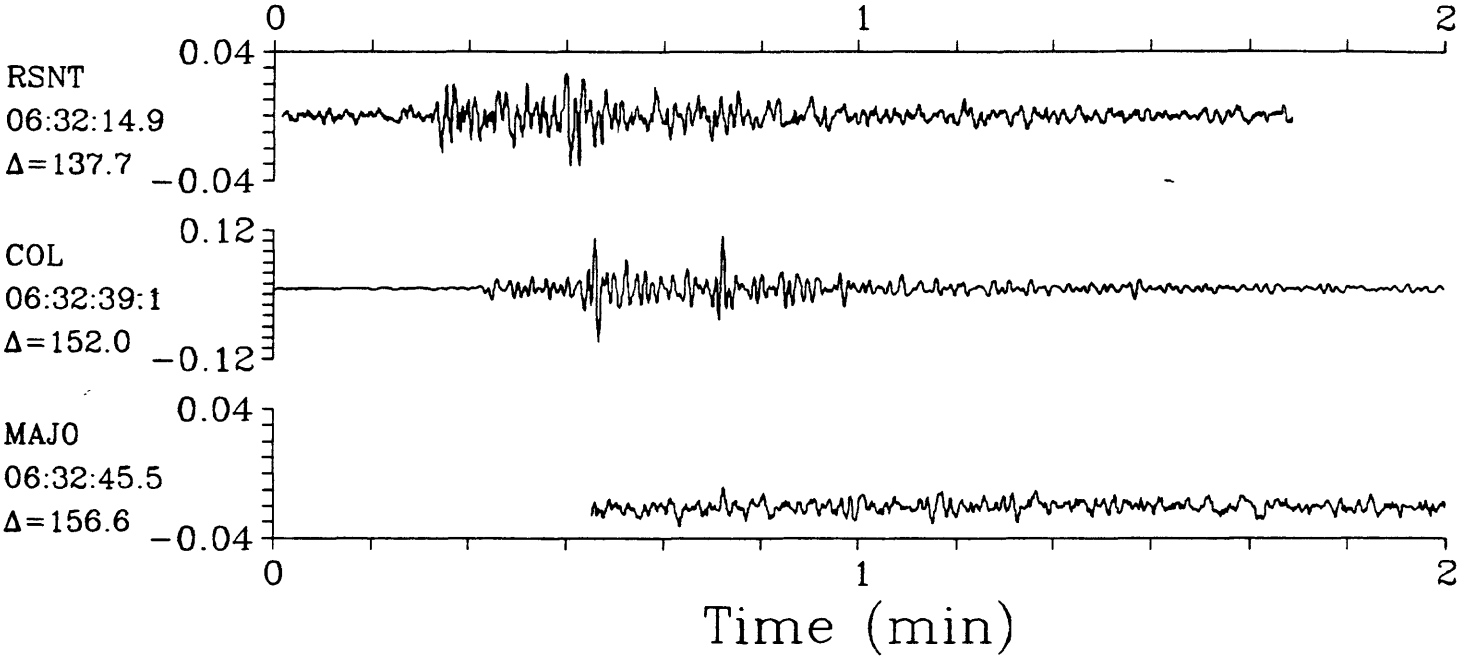
South Sandwich Islands Region



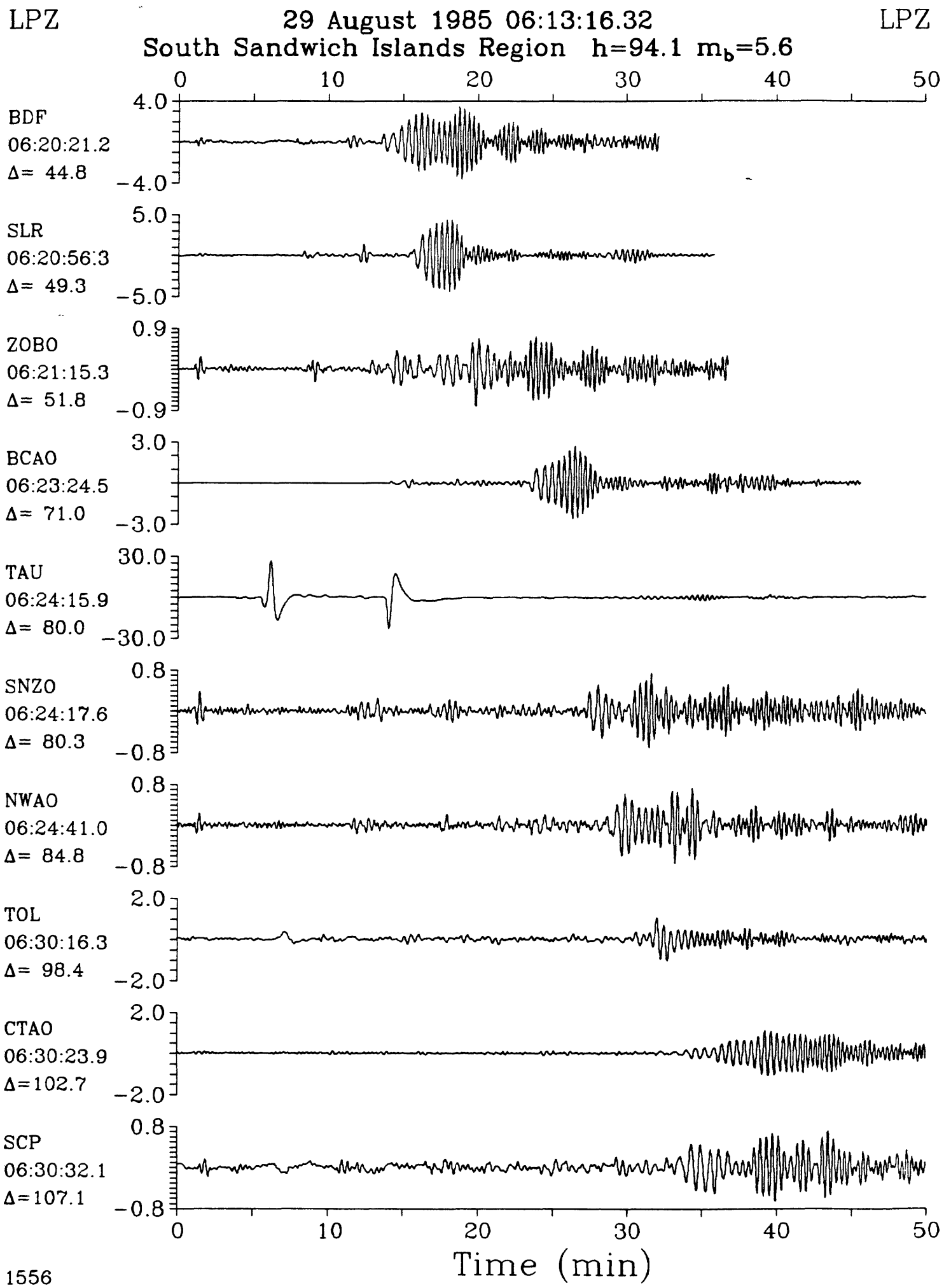

SPZ
29 August 1985 06:13:16.32
SPZ
South Sandwich Islands Region h=94.1 m_b=5.6
0
1
2
0.14
BDF
06:21:06.2
Δ= 44.8
−0.14
0.07
SLR
06:21:41.3
Δ= 49.3
−0.07
0.30
ZOBO
06:22:00.3
Δ= 51.8
−0.30
0.20
SNZO
06:25:02.6
Δ= 80.3
−0.20
0.01
SCP
06:31:17.1
Δ=107.1
−0.01
0.01
ANMO
06:31:30.3
Δ=114.1
−0.01
0.02
RSSD
06:31:42.2
Δ=120.3
−0.02
0.02
RSON
06:31:44.3
Δ=121.4
−0.02
0.02
JAS1
06:31:48.1
Δ=123.4
−0.02
0.02
LON
06:32:01.7
Δ=130.6
−0.03
0
1
2
Time (min)

SPZ 29 August 1985 06:13:16.32 SPZ

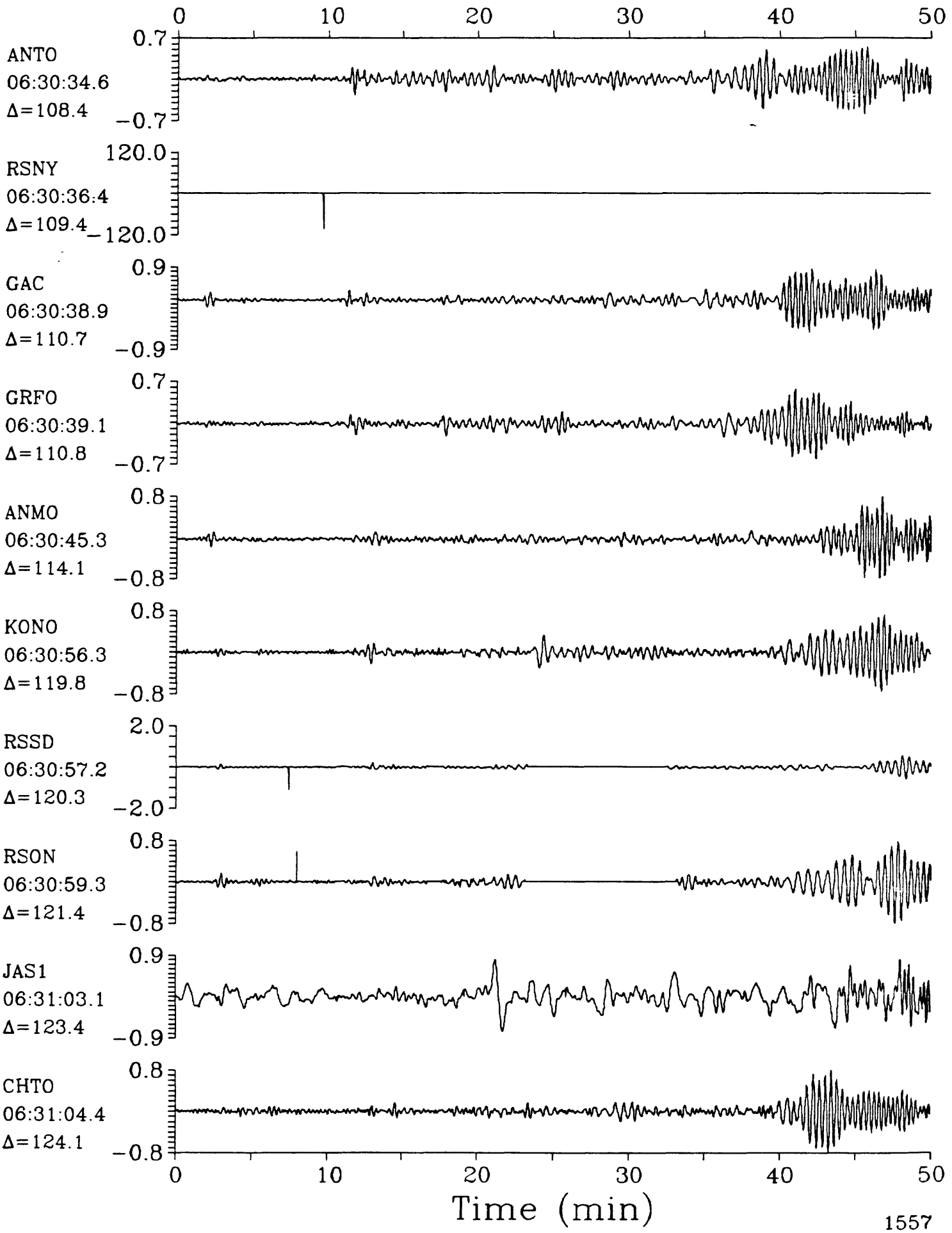
South Sandwich Islands Region h=94.1 m_b=5.6

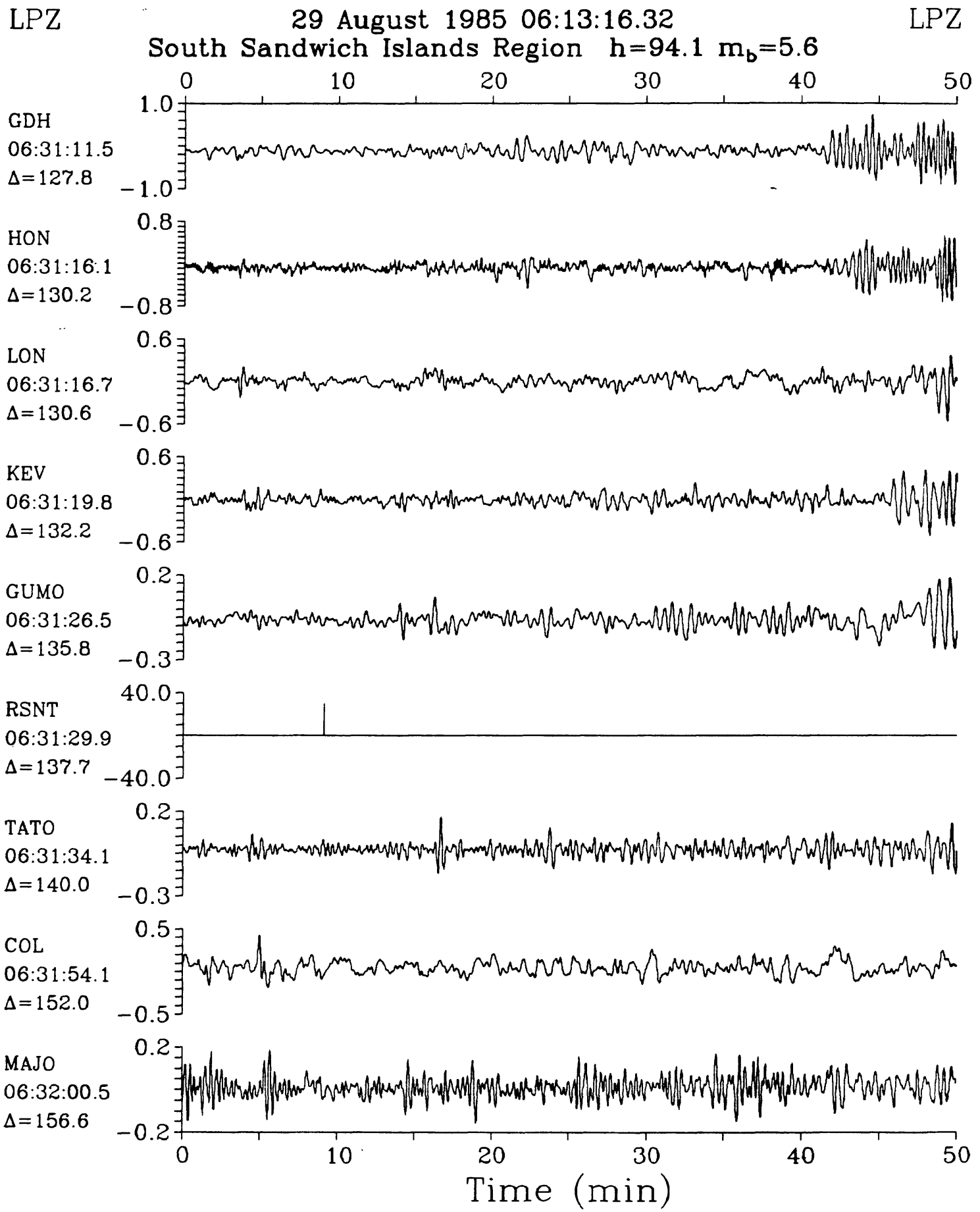


Time (min)


LPZ
29 August 1985 06:13:16.32
South Sandwich Islands Region h=94.1 m_b=5.6
LPZ
0
10
20
30
40
50
BDF
06:20:21.2
Δ= 44.8
4.0
-4.0
SLR
06:20:56.3
Δ= 49.3
5.0
-5.0
ZOBO
06:21:15.3
Δ= 51.8
0.9
-0.9
BCAO
06:23:24.5
Δ= 71.0
3.0
-3.0
TAU
06:24:15.9
Δ= 80.0
30.0
-30.0
SNZO
06:24:17.6
Δ= 80.3
0.8
-0.8
NWAO
06:24:41.0
Δ= 84.8
0.8
-0.8
TOL
06:30:16.3
Δ= 98.4
2.0
-2.0
CTAO
06:30:23.9
Δ=102.7
2.0
-2.0
SCP
06:30:32.1
Δ=107.1
0.8
-0.8
0
10
20
30
40
50
Time (min)

1556


LPZ
29 August 1985 06:13:16.32
South Sandwich Islands Region h=94.1 m_b=5.6
LPZ
0
10
20
30
40
50
ANTO
06:30:34.6
Δ=108.4
0.7
-0.7
RSNY
06:30:36:4
Δ=109.4
120.0
-120.0
GAC
06:30:38.9
Δ=110.7
0.9
-0.9
GRFO
06:30:39.1
Δ=110.8
0.7
-0.7
ANMO
06:30:45.3
Δ=114.1
0.8
-0.8
KONO
06:30:56.3
Δ=119.8
0.8
-0.8
RSSD
06:30:57.2
Δ=120.3
2.0
-2.0
RSON
06:30:59.3
Δ=121.4
0.8
-0.8
JAS1
06:31:03.1
Δ=123.4
0.9
-0.9
CHTO
06:31:04.4
Δ=124.1
0.8
-0.8
0
10
20
30
40
50
Time (min)
1557


LPZ
29 August 1985 06:13:16.32
LPZ
South Sandwich Islands Region h=94.1 m_b=5.6
0
10
20
30
40
50
GDH
06:31:11.5
Δ=127.8
1.0
-1.0
HON
06:31:16.1
Δ=130.2
0.8
-0.8
LON
06:31:16.7
Δ=130.6
0.6
-0.6
KEV
06:31:19.8
Δ=132.2
0.6
-0.6
GUMO
06:31:26.5
Δ=135.8
0.2
-0.3
RSNT
06:31:29.9
Δ=137.7
40.0
-40.0
TATO
06:31:34.1
Δ=140.0
0.2
-0.3
COL
06:31:54.1
Δ=152.0
0.5
-0.5
MAJO
06:32:00.5
Δ=156.6
0.2
-0.2
0
10
20
30
40
50
Time (min)