DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

National Earthquake Information Center Waveform Catalog June 1986

by

Madeleine D. Zirbes
Janna M. Lishner
U.S. Geological Survey
Denver, Colorado

Open-File Report 86-660F
1986

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.

With the inclusion of the Network of Autonomously Registrating Stations (NARS) in September 1985, it was difficult to list the name of each station in the network on the station coverage map because of their close proximity. Instead, a new symbol (□) will be used to denote each station of the network, with the name NARS. When other networks are included with stations situated close together, a new symbol will be used to denote each station of each network. The name used will be the network name only.

Table 1. Earthquakes for June 1986 with magnitudes ≥ 5.5

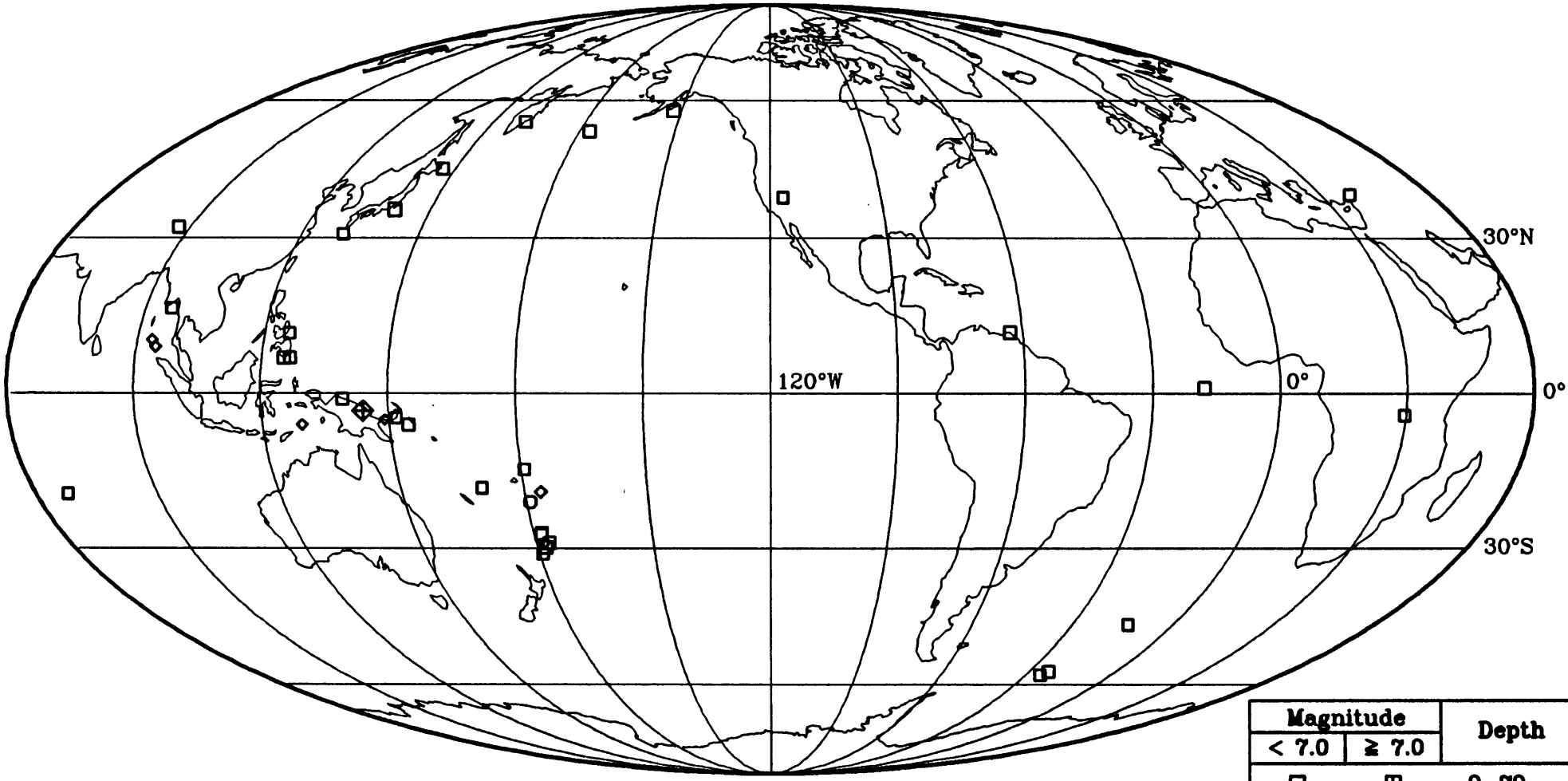
	Origin Time UTC	Latitude	Longitude	Depth (km)	Magnitude m_b	Magnitude M_{SZ}	Flinn-Engdahl Region Name
1.	1986 06 02 01:31:10.91	7.023° S	154.503° E	25.1	5.9	5.6	Solomon Islands
2.	1986 06 02 03:56:21.74	29.769° N	130.625° E	33.0	5.2	5.7	Ryukyu Islands
3.	1986 06 02 17:51:54.40	9.090° N	93.505° E	78.7	5.5		Nicobar Islands Region
4.	1986 06 03 00:54:43.92	5.657° S	151.805° E	58.9	5.6		New Britain Region
5.	1986 06 03 14:40:05.93	10.387° N	125.902° E	33.0	5.7	5.7	Leyte, Philippine Islands
6.	1986 06 06 10:39:46.79	37.970° N	37.881° E	10.0	5.6	5.6	Turkey
7.	1986 06 08 11:02:26.45	43.265° N	146.414° E	60.7	5.9		Kuril Islands
8.	1986 06 11 02:59:01.19	2.110° S	139.307° E	33.0	5.4	5.8	Near N. Coast of West Irian
9.	1986 06 11 06:18:19.70	15.539° S	179.219° W	33.0	5.6	5.7	Fiji Islands Region
10.	1986 06 11 13:48:03.31	10.602° N	62.949° W	33.7	6.0	6.2	Near Coast of Venezuela
11.	1986 06 12 13:40:46.64	7.007° S	129.478° E	115.6	5.5		Banda Sea
12.	1986 06 14 03:50:25.45	57.807° S	23.317° W	33.0	5.9	5.0	South Sandwich Islands Region
13.	1986 06 14 23:29:25.70	19.174° S	169.826° E	33.0	5.5	5.6	Vanuatu Islands
14.	1986 06 15 03:11:00.37	29.928° S	176.743° W	33.0	5.3	6.0	Kermadec Islands Region
15.	1986 06 16 10:48:27.60	21.897° S	179.038° W	565.2	6.1		Fiji Islands Region
16.	1986 06 16 17:15:09.93	47.193° S	13.333° W	10.0	5.5	5.6	South Atlantic Ridge
17.	1986 06 17 00:42:35.32	53.873° N	160.382° E	33.0	5.9	4.6	Near East Coast of Kamchatka
18.	1986 06 17 10:38:17.95	5.777° N	126.727° E	39.9	5.9	5.6	Mindanao, Philippine Islands
19.	1986 06 17 12:19:20.77	20.358° S	67.971° E	10.0	5.5	5.2	Mid-Indian Rise
20.	1986 06 17 18:13:11.38	5.705° N	125.267° E	32.0	6.2	6.4	Mindanao, Philippine Islands
21.	1986 06 18 08:05:16.08	51.662° N	176.960° W	61.4	5.7	6.3	Andreanof Islands, Aleutian Is.
22.	1986 06 19 09:09:12.33	56.418° N	152.729° W	33.0	6.0	6.3	Kodiak Island Region
23.	1986 06 19 18:12:30.88	7.831° N	94.617° E	192.6	5.8		Nicobar Islands Region
24.	1986 06 19 20:01:52.27	30.162° S	178.194° W	105.2	5.6		Kermadec Islands
25.	1986 06 19 23:18:30.35	30.831° S	177.885° W	33.0	5.4	6.3	Kermadec Islands
26.	1986 06 20 02:37:55.15	32.131° S	179.178° W	25.6	5.5		South of Kermadec Islands
27.	1986 06 20 17:12:46.52	31.221° N	86.862° E	33.0	6.0	6.1	Tibet
28.	1986 06 20 18:41:28.72	58.579° S	25.009° W	33.0	5.7	5.6	South Sandwich Islands Region
29.	1986 06 23 20:35:20.07	6.011° S	149.069° E	73.9	5.5		New Britain Region
30.	1986 06 24 02:53:09.38	34.733° N	140.502° E	47.9	6.1	6.6	Near East Coast of Honshu, Japan
31.	1986 06 24 03:11:33.02	4.424° S	143.979° E	121.2	6.7	7.1	Papua New Guinea
32.	1986 06 24 06:56:53.09	0.024° S	17.876° W	10.0	5.7	6.0	North of Ascension Island
33.	1986 06 24 17:39:21.74	28.246° S	178.200° W	33.0	5.4	5.7	Kermadec Islands Region
34.	1986 06 24 19:31:09.64	28.342° S	178.247° W	33.0	5.5	5.8	Kermadec Islands Region
35.	1986 06 25 20:27:45.10	37.265° N	116.499° W	0.0	5.5	4.2	Southern Nevada
36.	1986 06 28 05:03:52.01	19.990° S	176.078° W	249.9	6.1		Fiji Islands Region
37.	1986 06 29 11:57:46.14	27.961° S	177.982° W	33.0	5.5	6.1	Kermadec Islands Region
38.	1986 06 29 12:31:18.59	15.171° N	96.253° E	33.0	5.1	5.7	South Burma
39.	1986 06 29 21:47:59.28	5.197° S	29.588° E	14.4	5.0	5.5	Lake Tanganyika Region

Table 2. Network-event tape station list for May 1986.

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
BOCO	32	Bogota, Columbia	4.59° N	74.04° W	3071.0	SRO
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
GRA1	302	Haidhof, Germany	49.69° N	11.22° E	500.0	GRF
GRB1	303	Bruennthal, Germany	49.39° N	11.65° E	494.0	GRF
GRC1	304	Eglofsdorf, Germany	48.99° N	11.52° E	512.0	GRF
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
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
NE02	202	Monsted, Denmark	56.459° N	9.170° E	60.0	NARS
NE03	203	Logumkloster, Denmark	55.045° N	9.153° E	25.0	NARS
NE04	204	Witteveen, Netherlands	52.813° N	6.668° E	17.0	NARS
NE05	205	Utrecht, Netherlands	52.088° N	5.172° E	2.0	NARS
NE06	206	Dourbes, Belgium	50.097° N	4.595° E	225.0	NARS
NE07	207	Villiers-Adam, France	49.074° N	2.232° E	70.0	NARS
NE10	210	Arette, France	43.086° N	0.699° W	480.0	NARS
NE11	211	Ainzon, France	41.814° N	1.517° W	440.0	NARS
NE13	213	Puertollano, Spain	38.685° N	4.091° W	700.0	NARS
NE14	214	Granada, Spain	37.190° N	3.595° W	774.0	NARS
NE15	215	Valkenburg, Netherlands	50.867° N	5.785° E	100.0	NARS
NE16	216	Clermont-Ferand, France	45.763° N	3.103° E	80.0	NARS
NE17	217	Toledo, Spain	39.881° N	4.049° W	480.0	NARS
NRA0	301	NORESS array site A0	60.735° N	11.541° E	302.0	NRSA
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
SLR	71	Silverton, South Africa	25.73° S	28.28° E	1348.0	DWWSSN
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

* ASRO - Abbreviated Seismic Research Observatory
DWWSSN - Digital World Wide Standardized Seismograph Network
GRF - Graefenberg Array
NARS - Network of Autonomously Registrating Stations
NRSA - Norwegian Regional Seismic Array
RSTN - Regional Seismic Test Network
SRO - Seismic Research Observatory

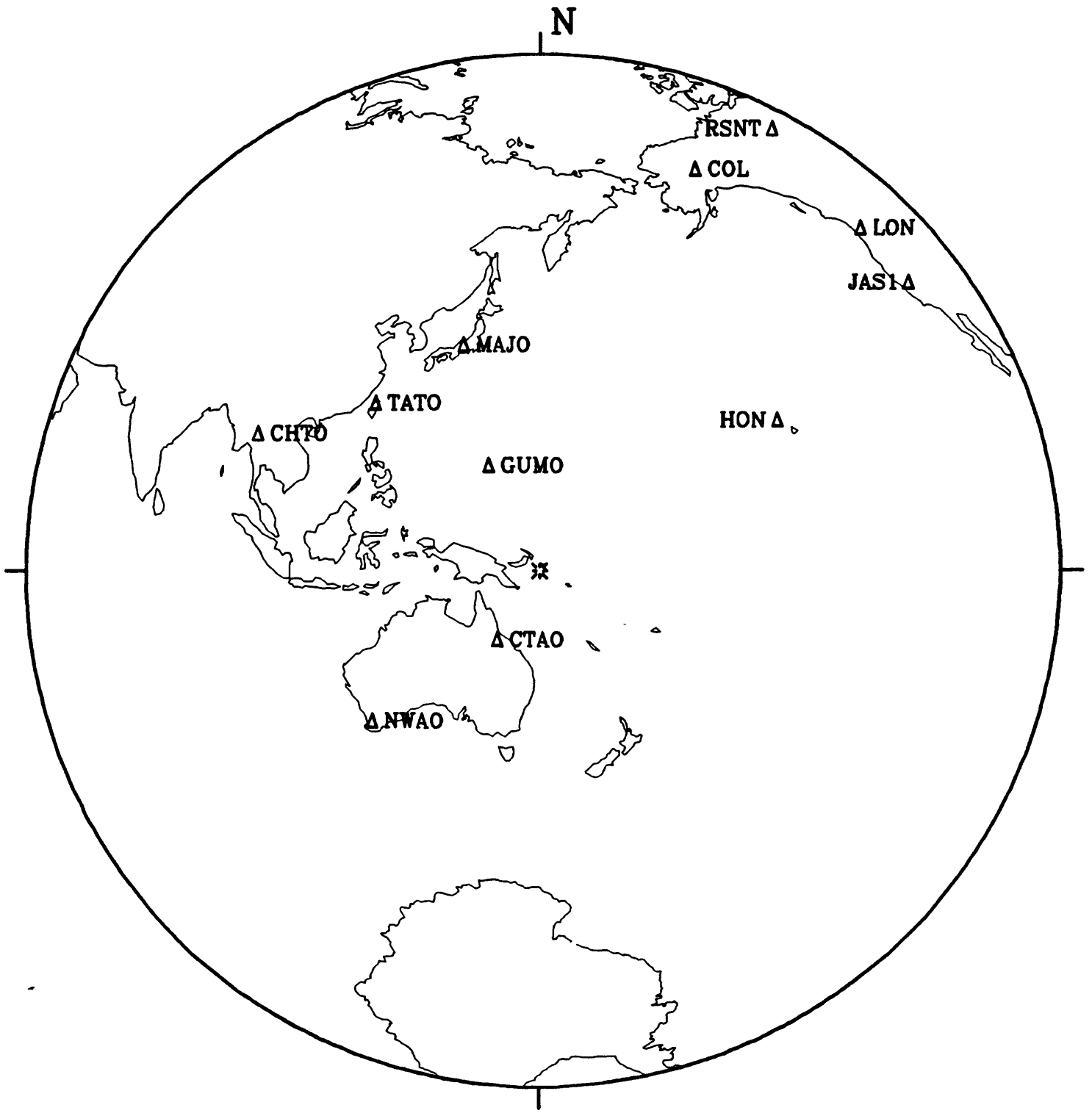
EARTHQUAKES – June 1986 – MAGNITUDE ≥ 5.5

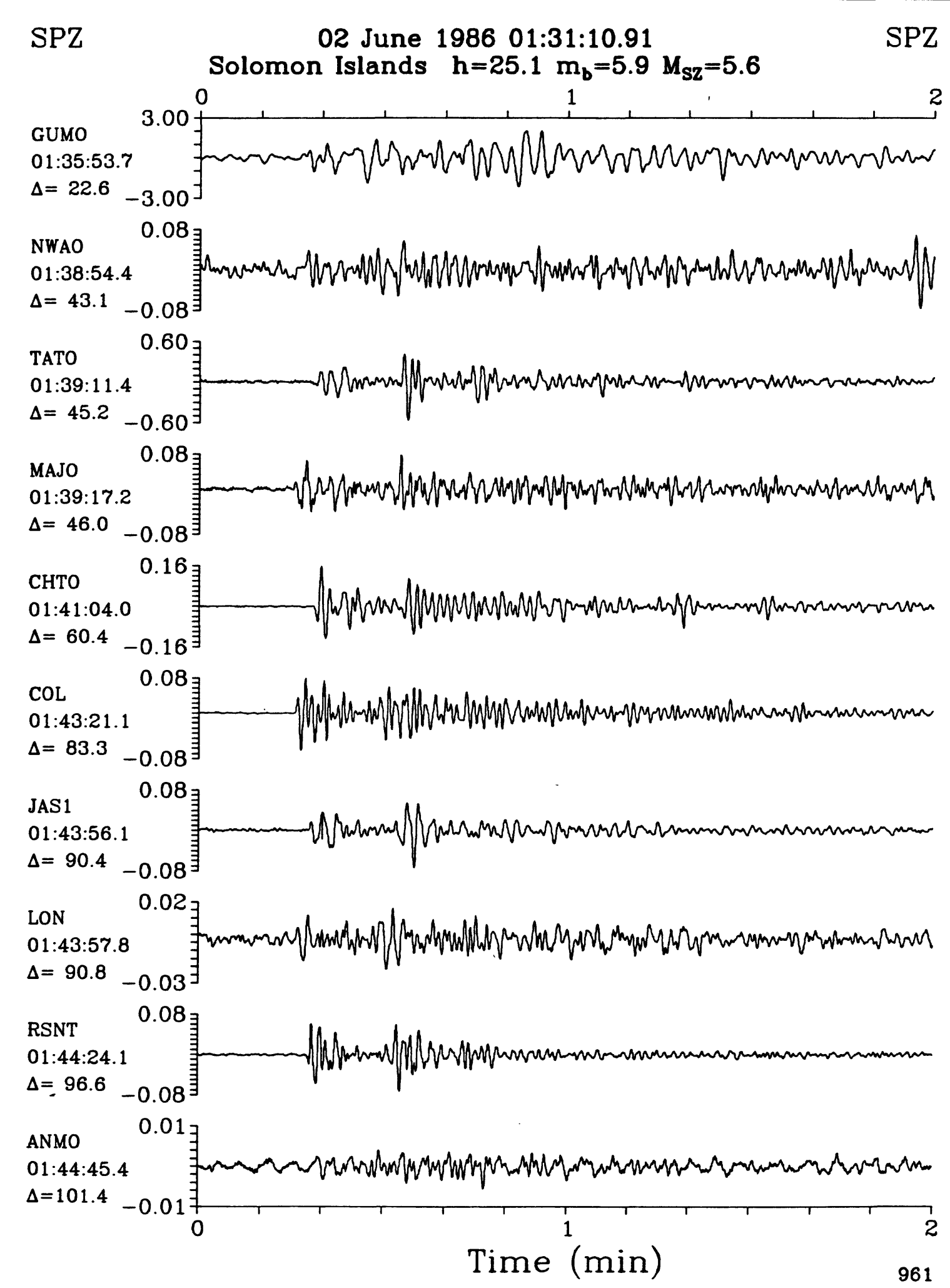


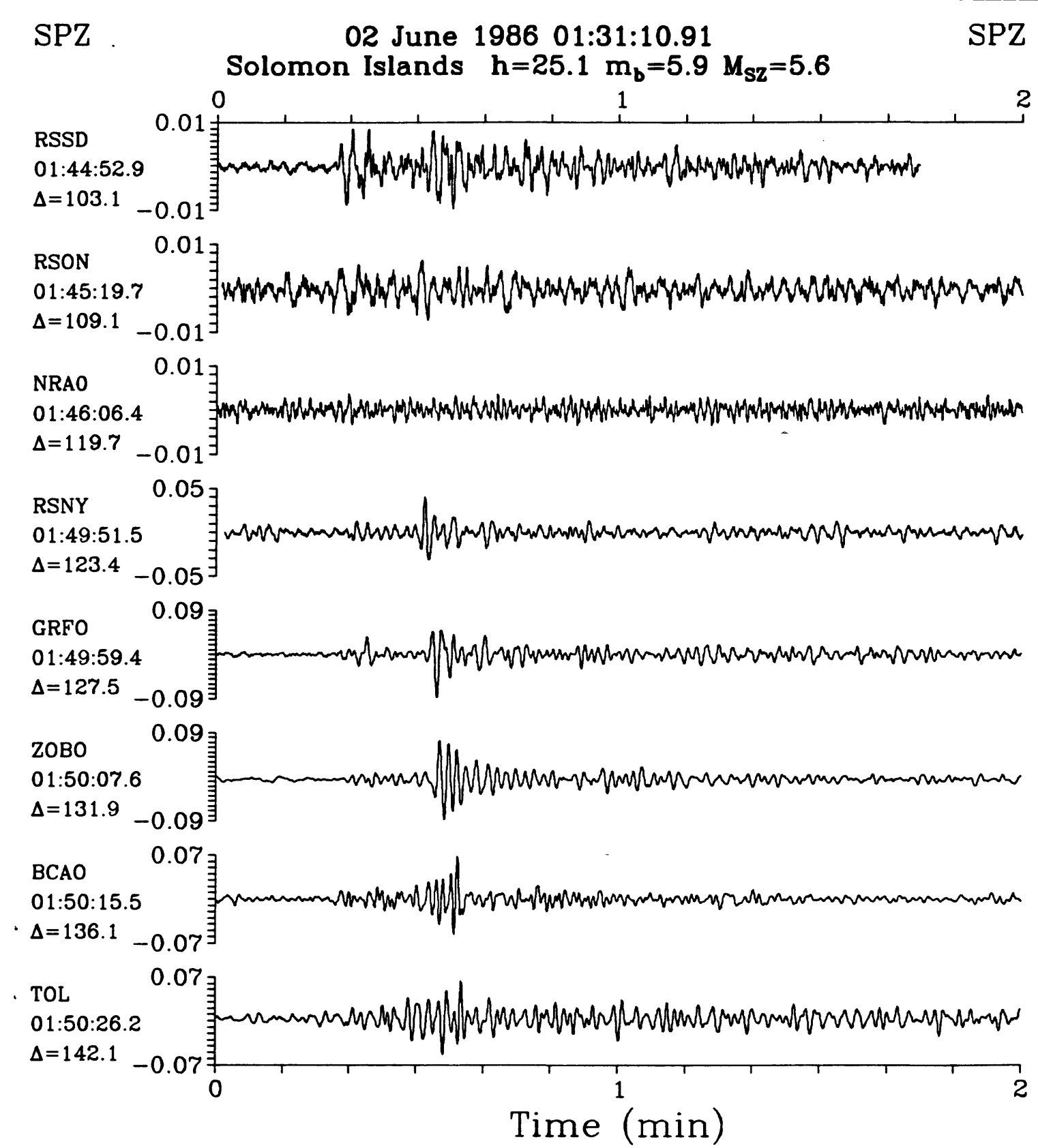
Magnitude		Depth
< 7.0	≥ 7.0	
□	⊞	0–70
◇	◆	71–300
○	⊕	301–800

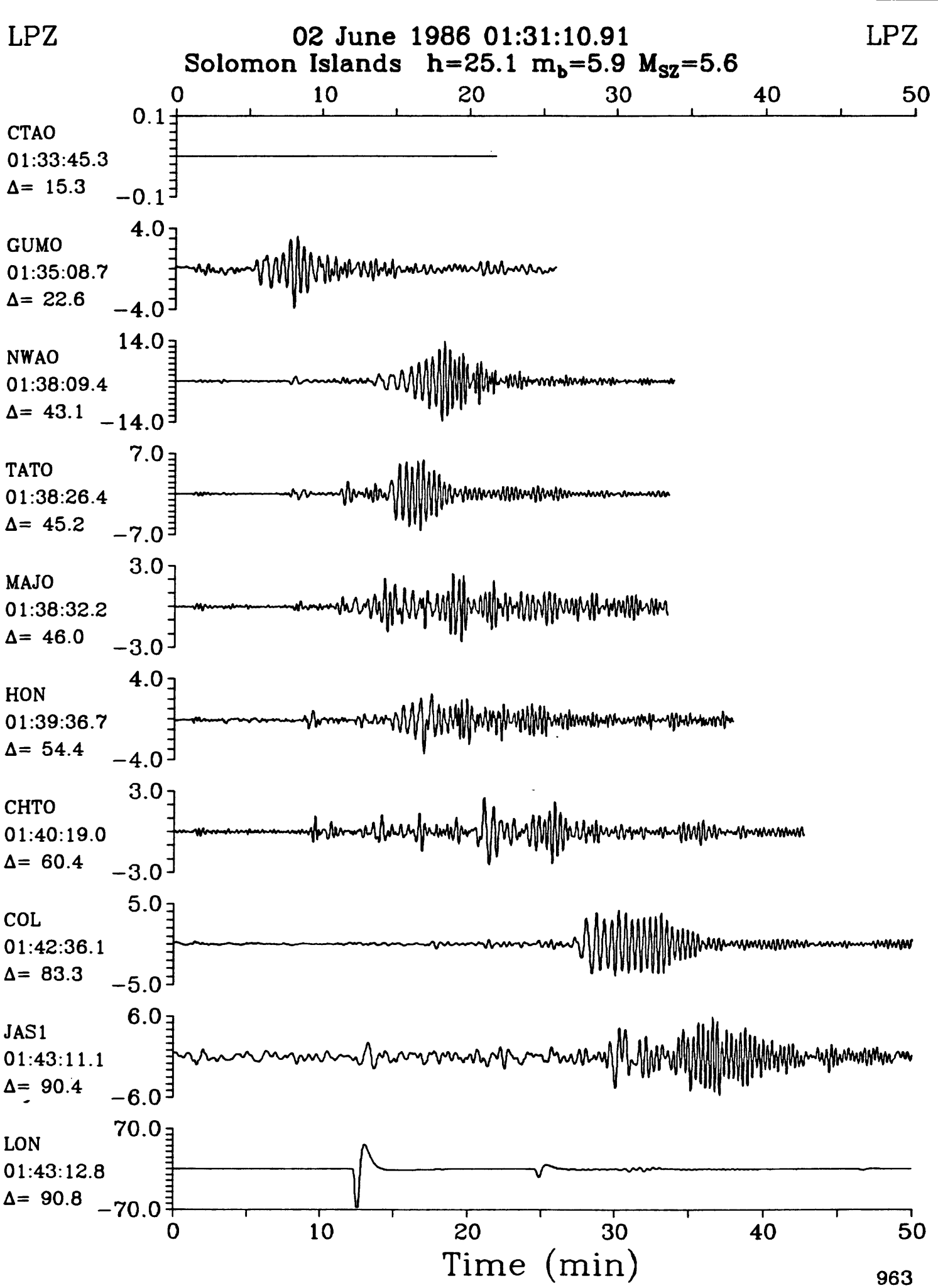
02 June 1986 01:31:10.91

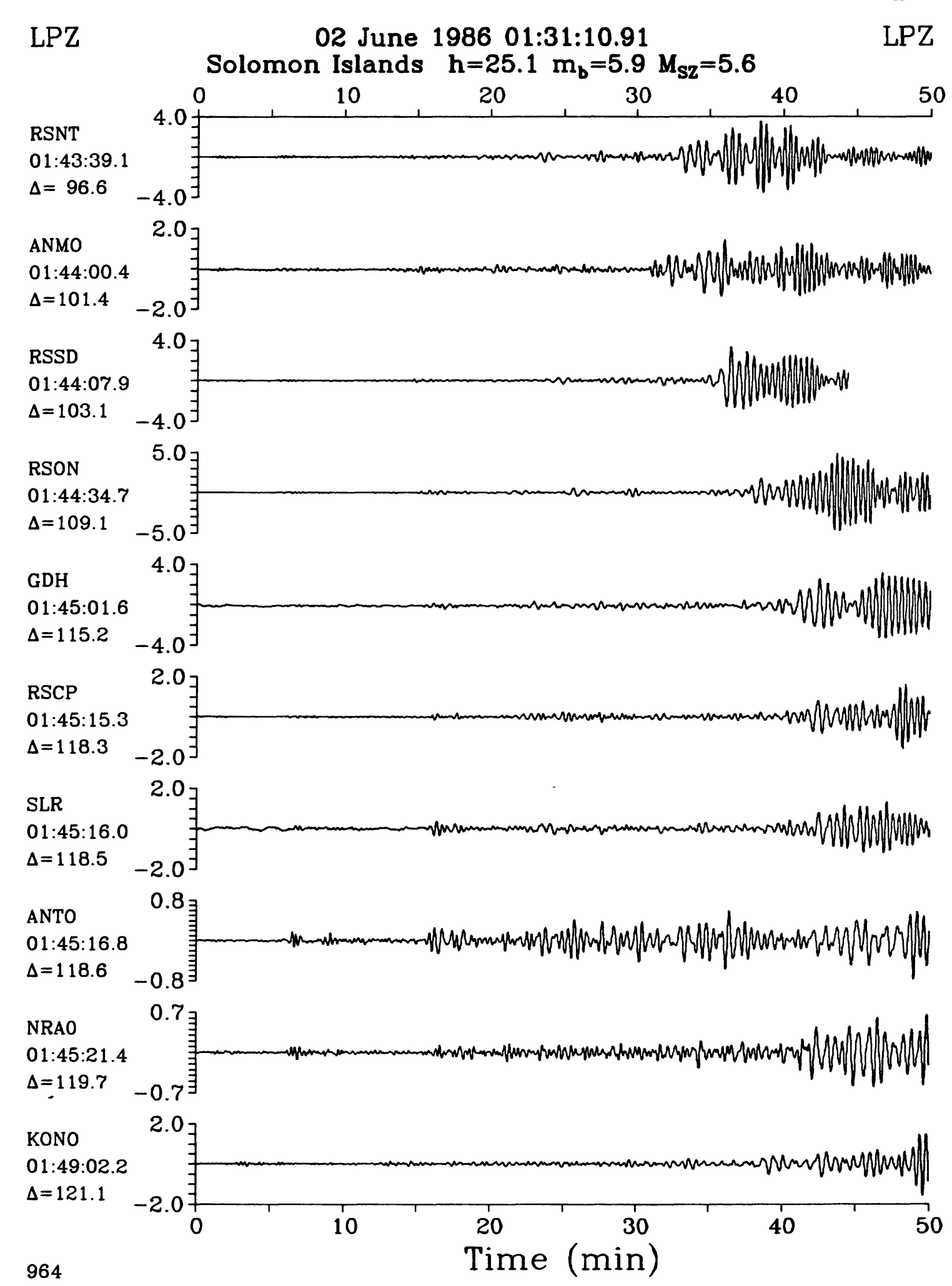
Solomon Islands

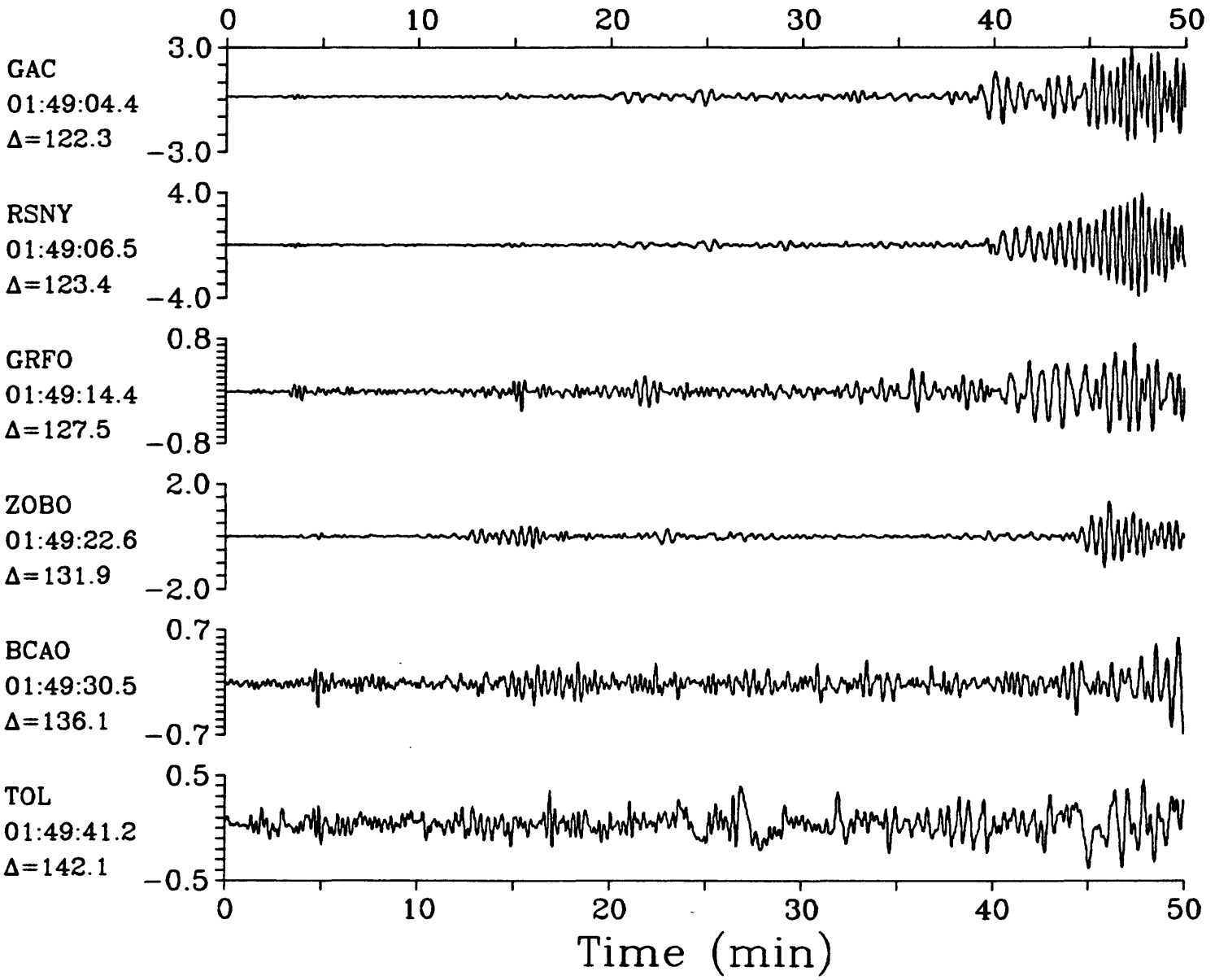


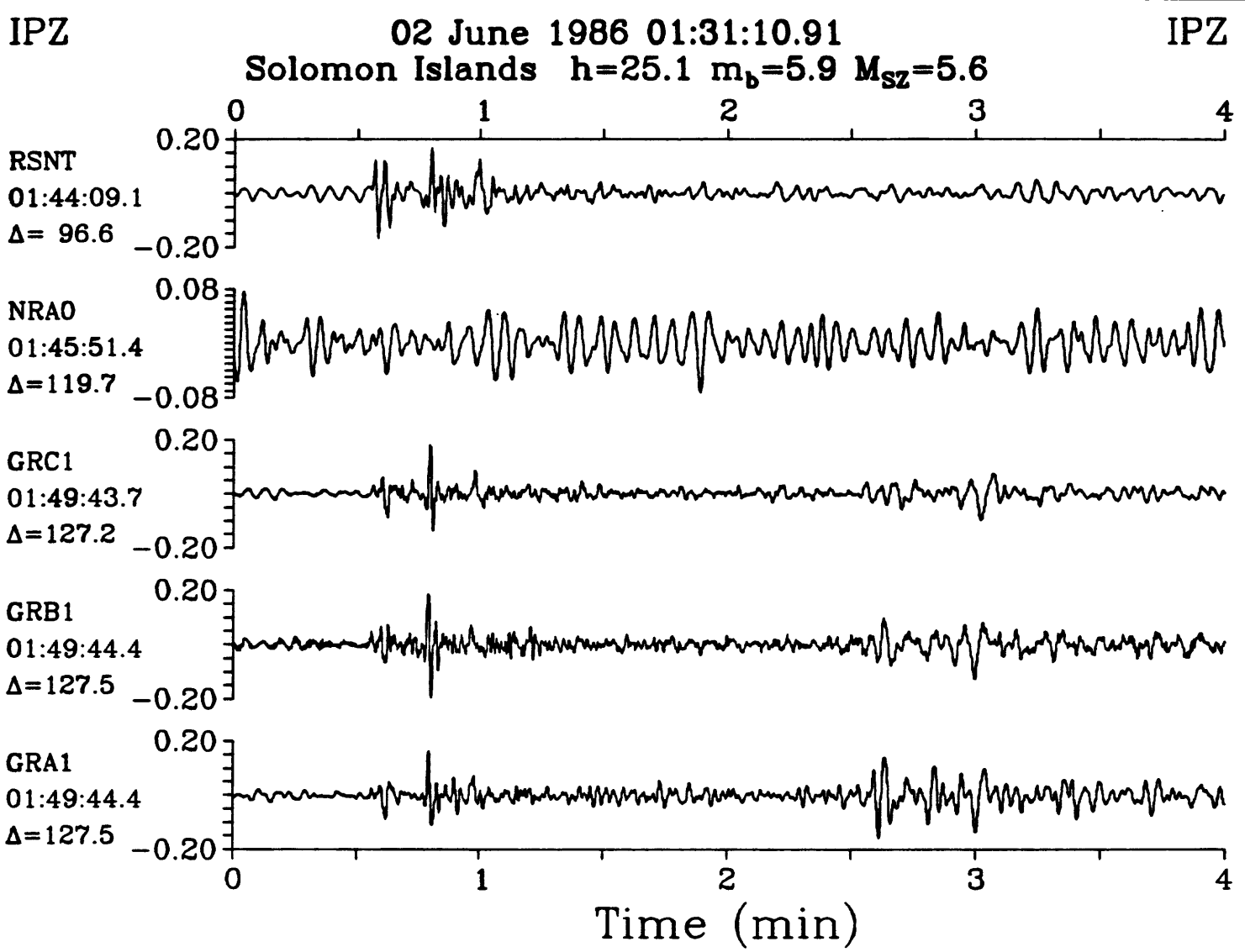

SPZ
02 June 1986 01:31:10.91
SPZ
Solomon Islands h=25.1 m_b=5.9 M_{SZ}=5.6
0
1
2
GUMO
01:35:53.7
Δ= 22.6
3.00
-3.00
NWAO
01:38:54.4
Δ= 43.1
0.08
-0.08
TATO
01:39:11.4
Δ= 45.2
0.60
-0.60
MAJO
01:39:17.2
Δ= 46.0
0.08
-0.08
CHTO
01:41:04.0
Δ= 60.4
0.16
-0.16
COL
01:43:21.1
Δ= 83.3
0.08
-0.08
JAS1
01:43:56.1
Δ= 90.4
0.08
-0.08
LON
01:43:57.8
Δ= 90.8
0.02
-0.03
RSNT
01:44:24.1
Δ= 96.6
0.08
-0.08
ANMO
01:44:45.4
Δ=101.4
0.01
-0.01
0
1
2
Time (min)
961


SPZ
02 June 1986 01:31:10.91
SPZ
Solomon Islands h=25.1 m_b=5.9 M_{SZ}=5.6
RSSD
01:44:52.9
Δ=103.1
RSON
01:45:19.7
Δ=109.1
NRAO
01:46:06.4
Δ=119.7
RSNY
01:49:51.5
Δ=123.4
GRFO
01:49:59.4
Δ=127.5
ZOBO
01:50:07.6
Δ=131.9
BCAO
01:50:15.5
Δ=136.1
TOL
01:50:26.2
Δ=142.1
0.01
-0.01
0.05
-0.05
0.09
-0.09
0.07
-0.07
0
1
2
Time (min)


LPZ
02 June 1986 01:31:10.91
Solomon Islands h=25.1 m_b=5.9 M_{SZ}=5.6
LPZ
0
10
20
30
40
50
CTAO
01:33:45.3
Δ= 15.3
0.1
-0.1
GUMO
01:35:08.7
Δ= 22.6
4.0
-4.0
NWAO
01:38:09.4
Δ= 43.1
14.0
-14.0
TATO
01:38:26.4
Δ= 45.2
7.0
-7.0
MAJO
01:38:32.2
Δ= 46.0
3.0
-3.0
HON
01:39:36.7
Δ= 54.4
4.0
-4.0
CHTO
01:40:19.0
Δ= 60.4
3.0
-3.0
COL
01:42:36.1
Δ= 83.3
5.0
-5.0
JAS1
01:43:11.1
Δ= 90.4
6.0
-6.0
LON
01:43:12.8
Δ= 90.8
70.0
-70.0
0
10
20
30
40
50
Time (min)
963

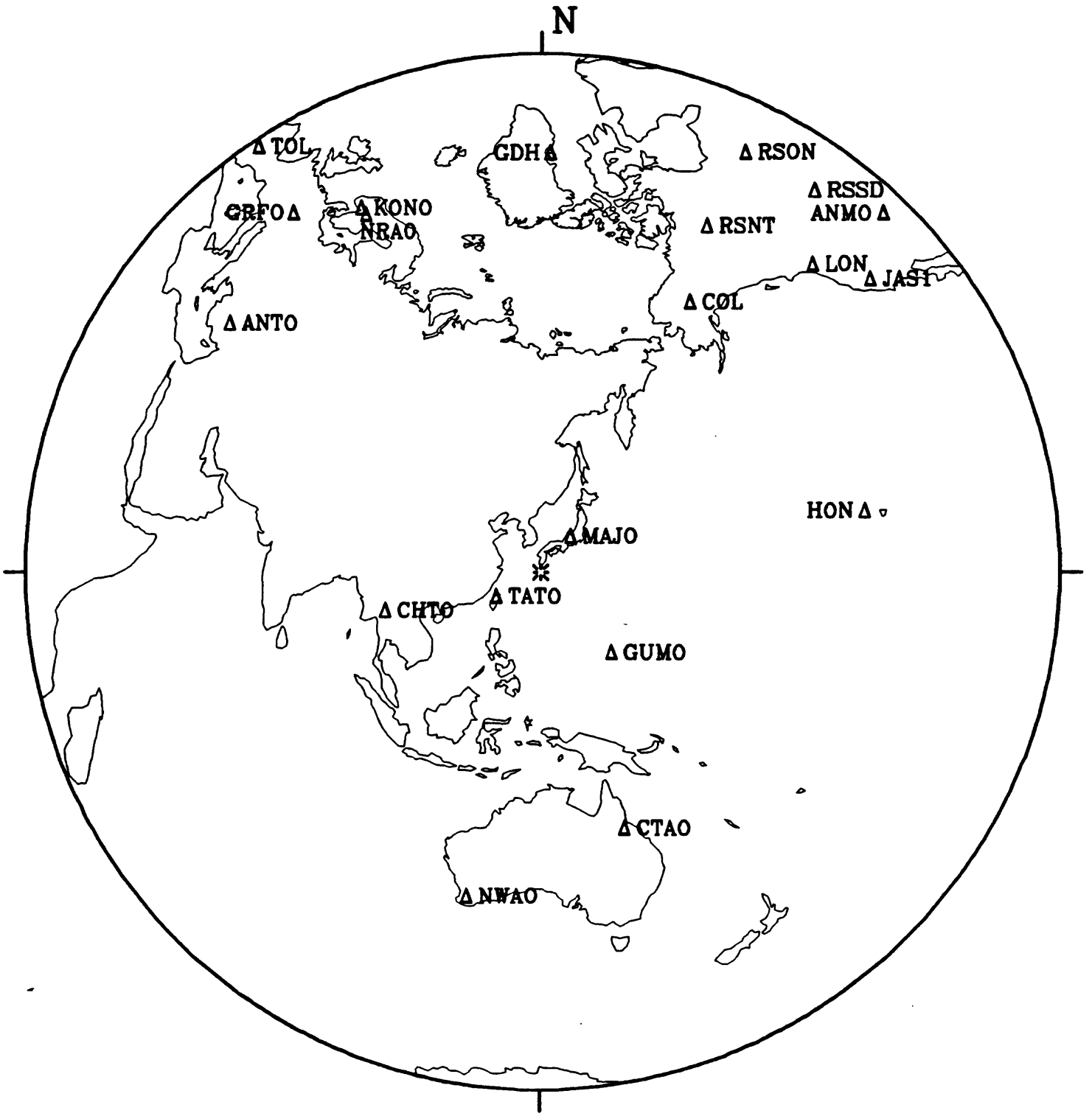

LPZ
02 June 1986 01:31:10.91
LPZ
Solomon Islands h=25.1 m_b=5.9 M_{SZ}=5.6
0
10
20
30
40
50
RSNT
01:43:39.1
Δ= 96.6
4.0
-4.0
ANMO
01:44:00.4
Δ=101.4
2.0
-2.0
RSSD
01:44:07.9
Δ=103.1
4.0
-4.0
RSON
01:44:34.7
Δ=109.1
5.0
-5.0
GDH
01:45:01.6
Δ=115.2
4.0
-4.0
RSCP
01:45:15.3
Δ=118.3
2.0
-2.0
SLR
01:45:16.0
Δ=118.5
2.0
-2.0
ANTO
01:45:16.8
Δ=118.6
0.8
-0.8
NRA0
01:45:21.4
Δ=119.7
0.7
-0.7
KONO
01:49:02.2
Δ=121.1
2.0
-2.0
0
10
20
30
40
50
Time (min)

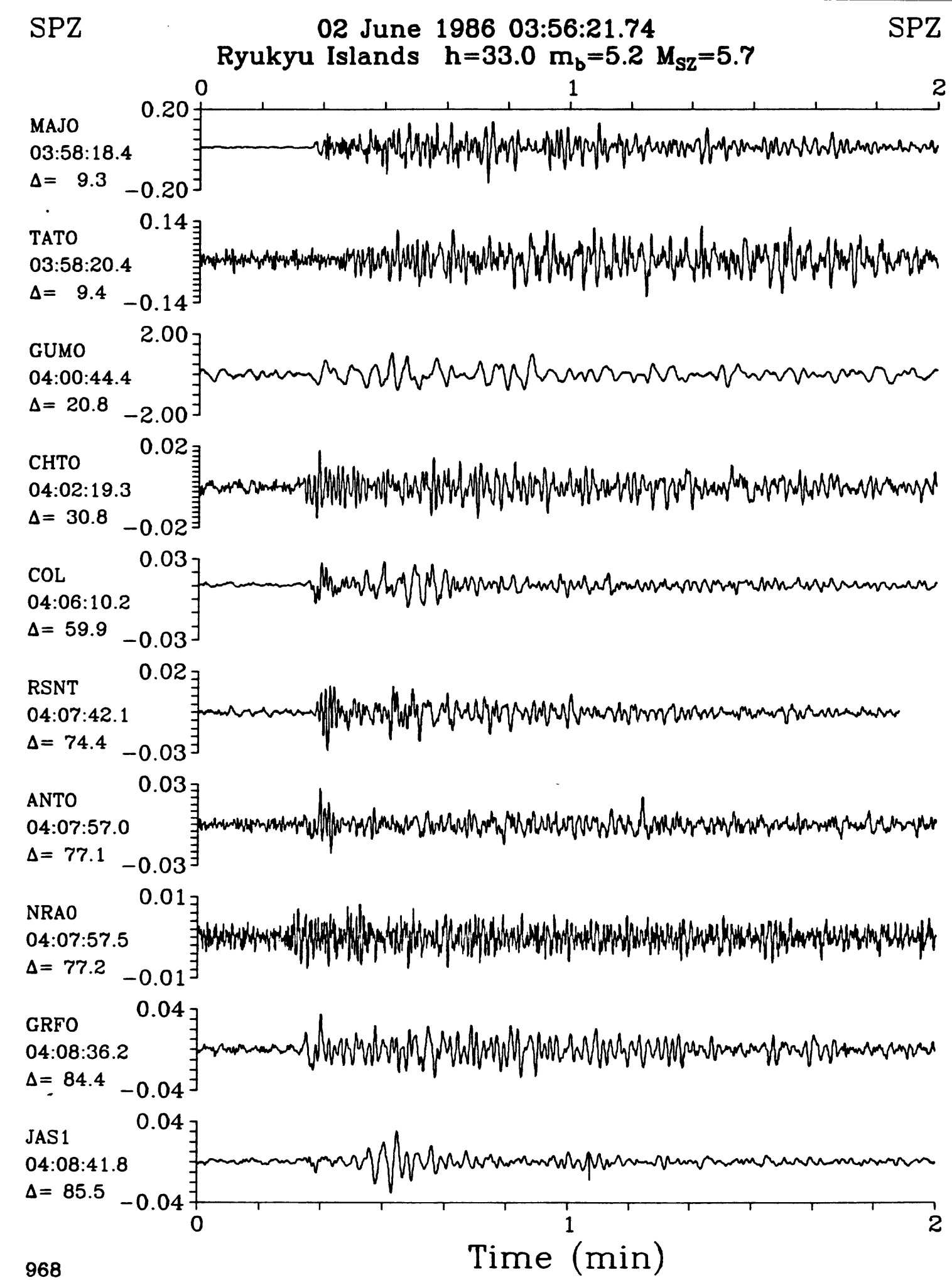

LPZ
02 June 1986 01:31:10.91
LPZ
Solomon Islands h=25.1 m_b=5.9 M_{SZ}=5.6
0
10
20
30
40
50
GAC
01:49:04.4
Δ=122.3
3.0
-3.0
RSNY
01:49:06.5
Δ=123.4
4.0
-4.0
GRFO
01:49:14.4
Δ=127.5
0.8
-0.8
ZOBO
01:49:22.6
Δ=131.9
2.0
-2.0
BCAO
01:49:30.5
Δ=136.1
0.7
-0.7
TOL
01:49:41.2
Δ=142.1
0.5
-0.5
Time (min)

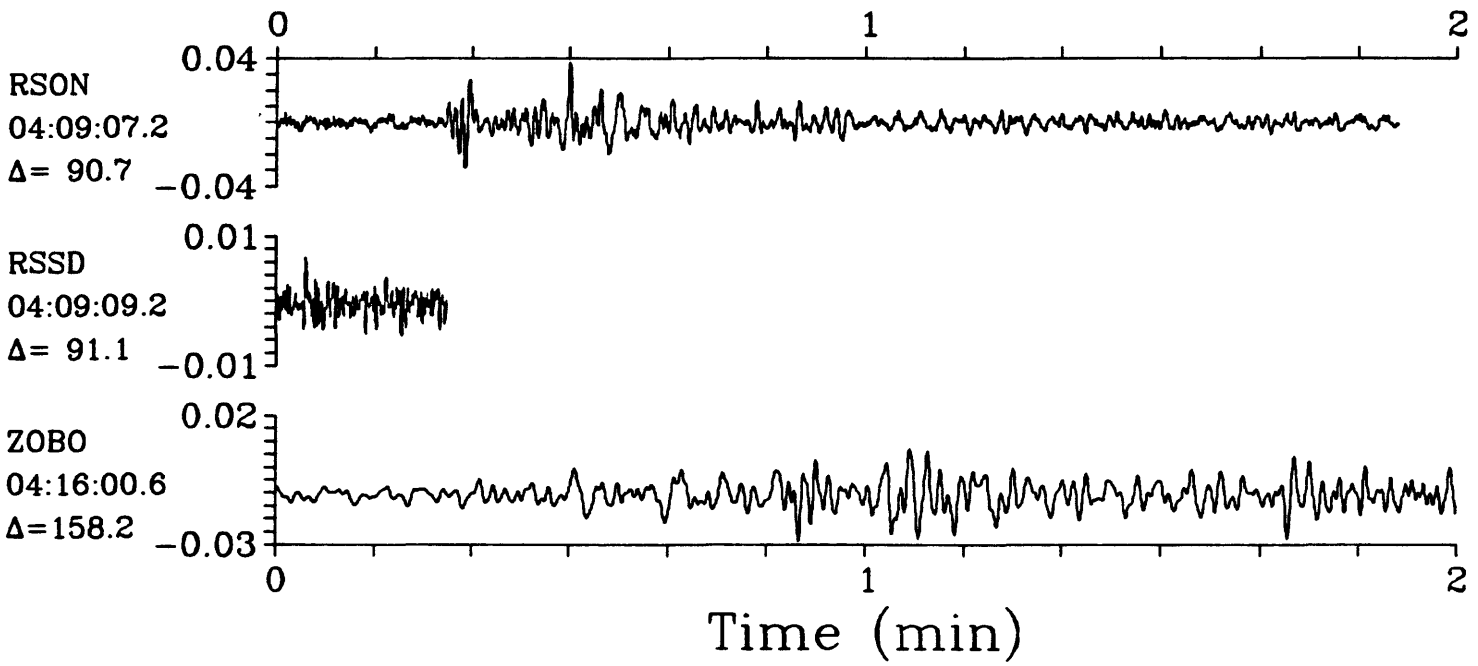

IPZ
02 June 1986 01:31:10.91
IPZ
Solomon Islands h=25.1 m_b=5.9 M_{SZ}=5.6
0
1
2
3
4
RSNT
01:44:09.1
Δ= 96.6
0.20
−0.20
NRAO
01:45:51.4
Δ=119.7
0.08
−0.08
GRC1
01:49:43.7
Δ=127.2
0.20
−0.20
GRB1
01:49:44.4
Δ=127.5
0.20
−0.20
GRA1
01:49:44.4
Δ=127.5
0.20
−0.20
0
1
2
3
4
Time (min)

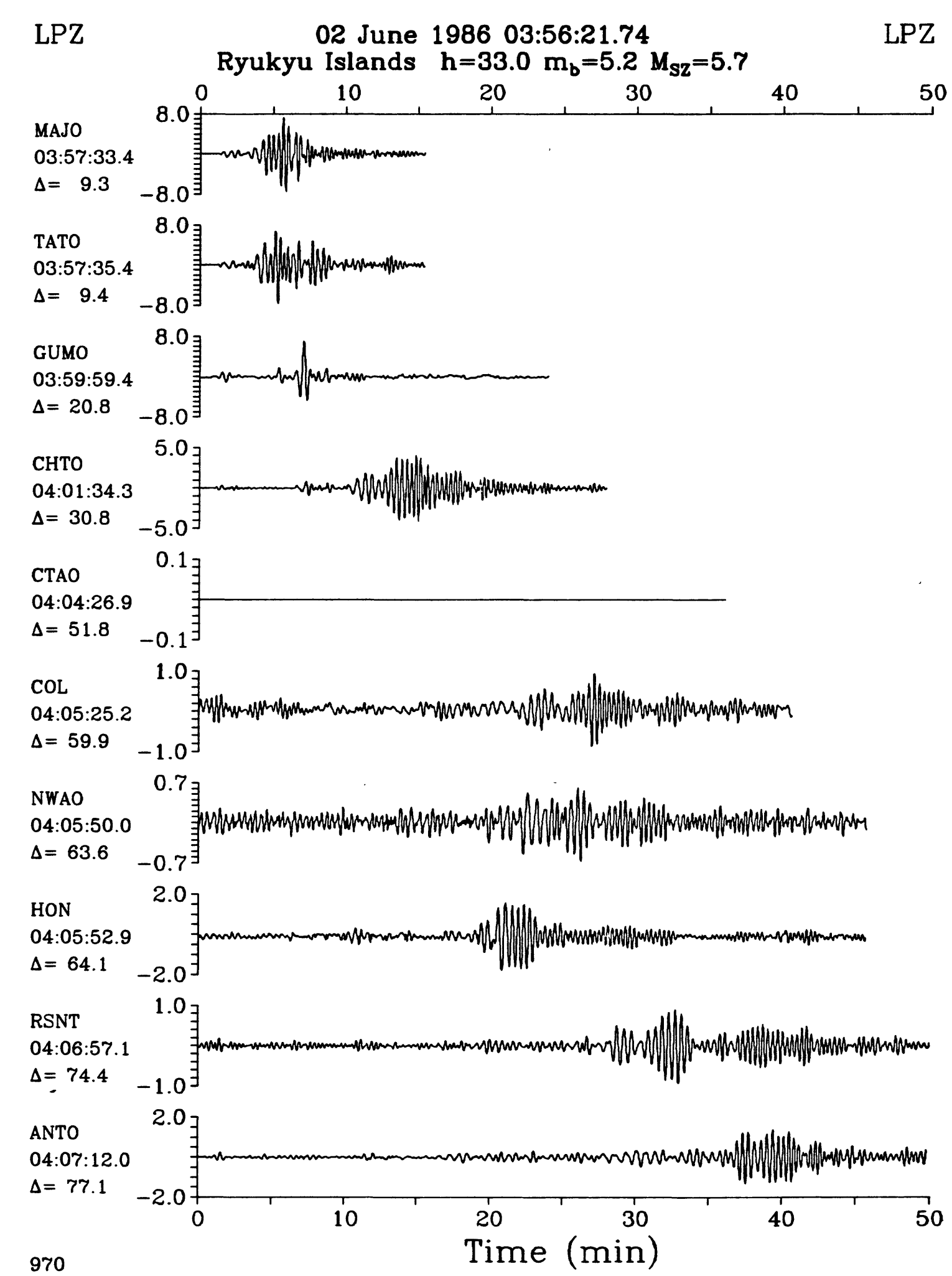
02 June 1986 03:56:21.74

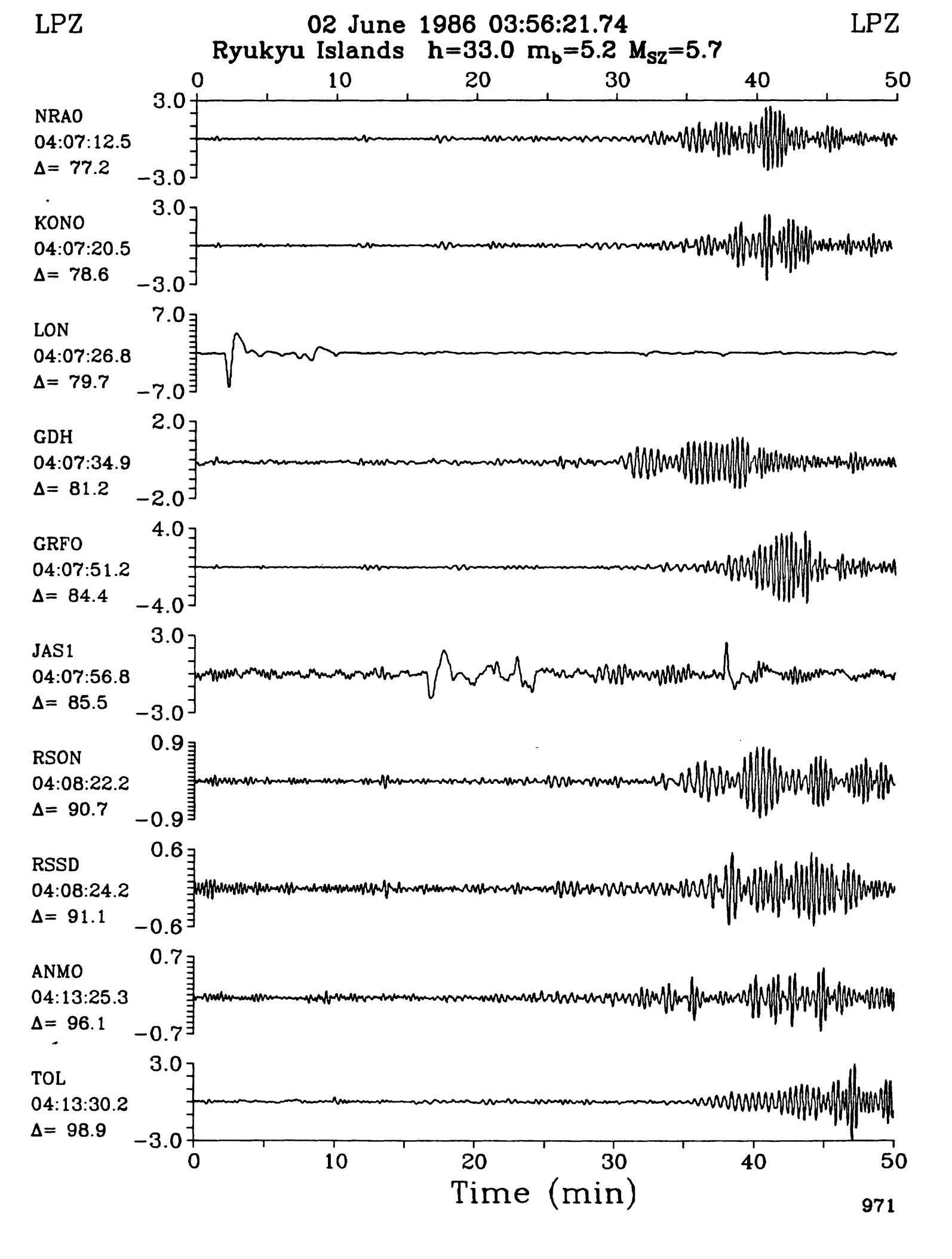
Ryukyu Islands

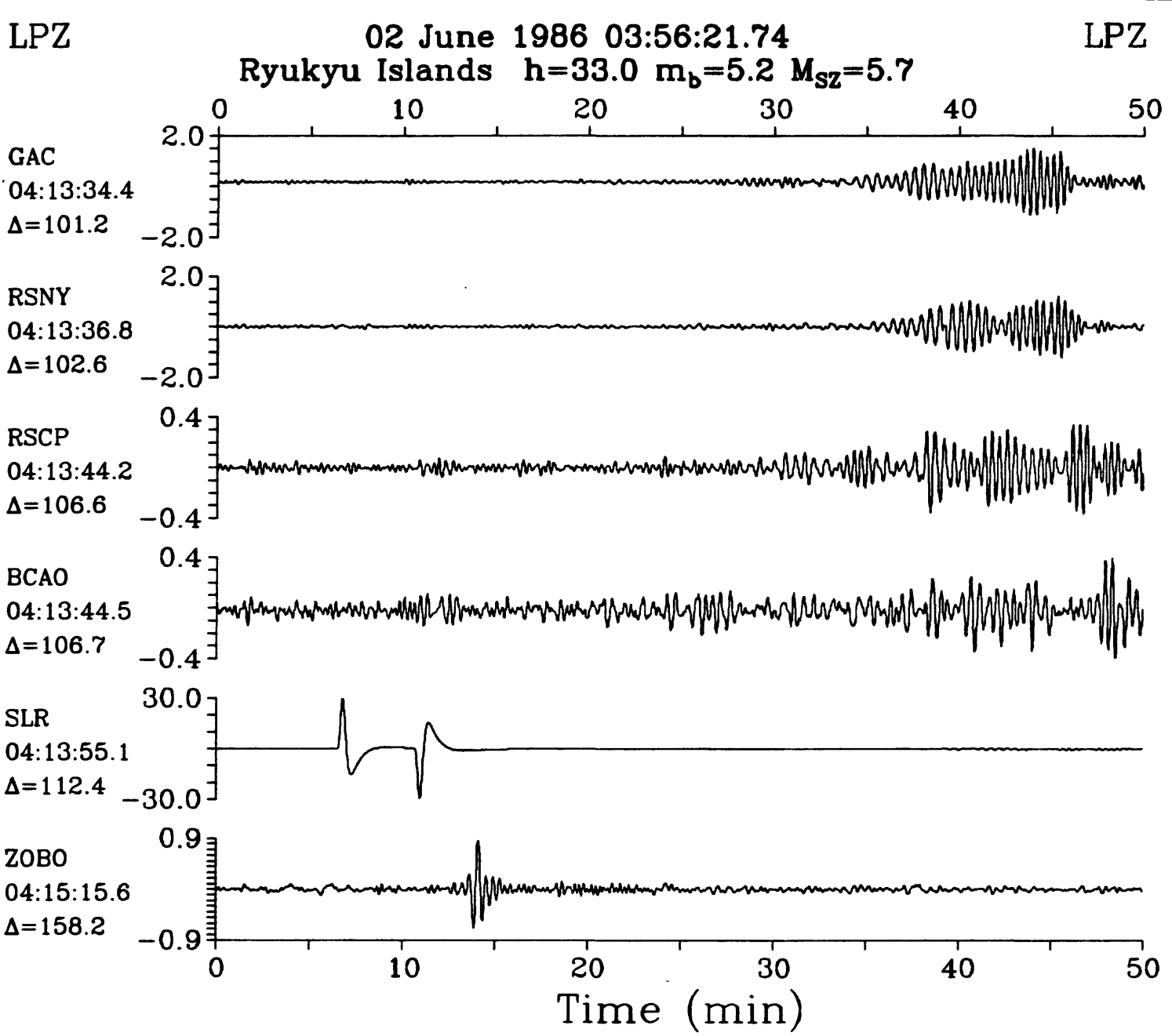



SPZ
02 June 1986 03:56:21.74
Ryukyu Islands h=33.0 m_b=5.2 M_{SZ}=5.7
SPZ
0
1
2
MAJO
03:58:18.4
Δ= 9.3
0.20
-0.20
TATO
03:58:20.4
Δ= 9.4
0.14
-0.14
GUMO
04:00:44.4
Δ= 20.8
2.00
-2.00
CHTO
04:02:19.3
Δ= 30.8
0.02
-0.02
COL
04:06:10.2
Δ= 59.9
0.03
-0.03
RSNT
04:07:42.1
Δ= 74.4
0.02
-0.03
ANTO
04:07:57.0
Δ= 77.1
0.03
-0.03
NRA0
04:07:57.5
Δ= 77.2
0.01
-0.01
GRFO
04:08:36.2
Δ= 84.4
0.04
-0.04
JAS1
04:08:41.8
Δ= 85.5
0.04
-0.04
0
1
2
Time (min)


02 June 1986 03:56:21.74
Ryukyu Islands h=33.0 m_b=5.2 M_{SZ}=5.7
RSON
04:09:07.2
Δ= 90.7
RSSD
04:09:09.2
Δ= 91.1
ZOBO
04:16:00.6
Δ=158.2
0.04
-0.04
0.01
-0.01
0.02
-0.03
0
1
2
Time (min)

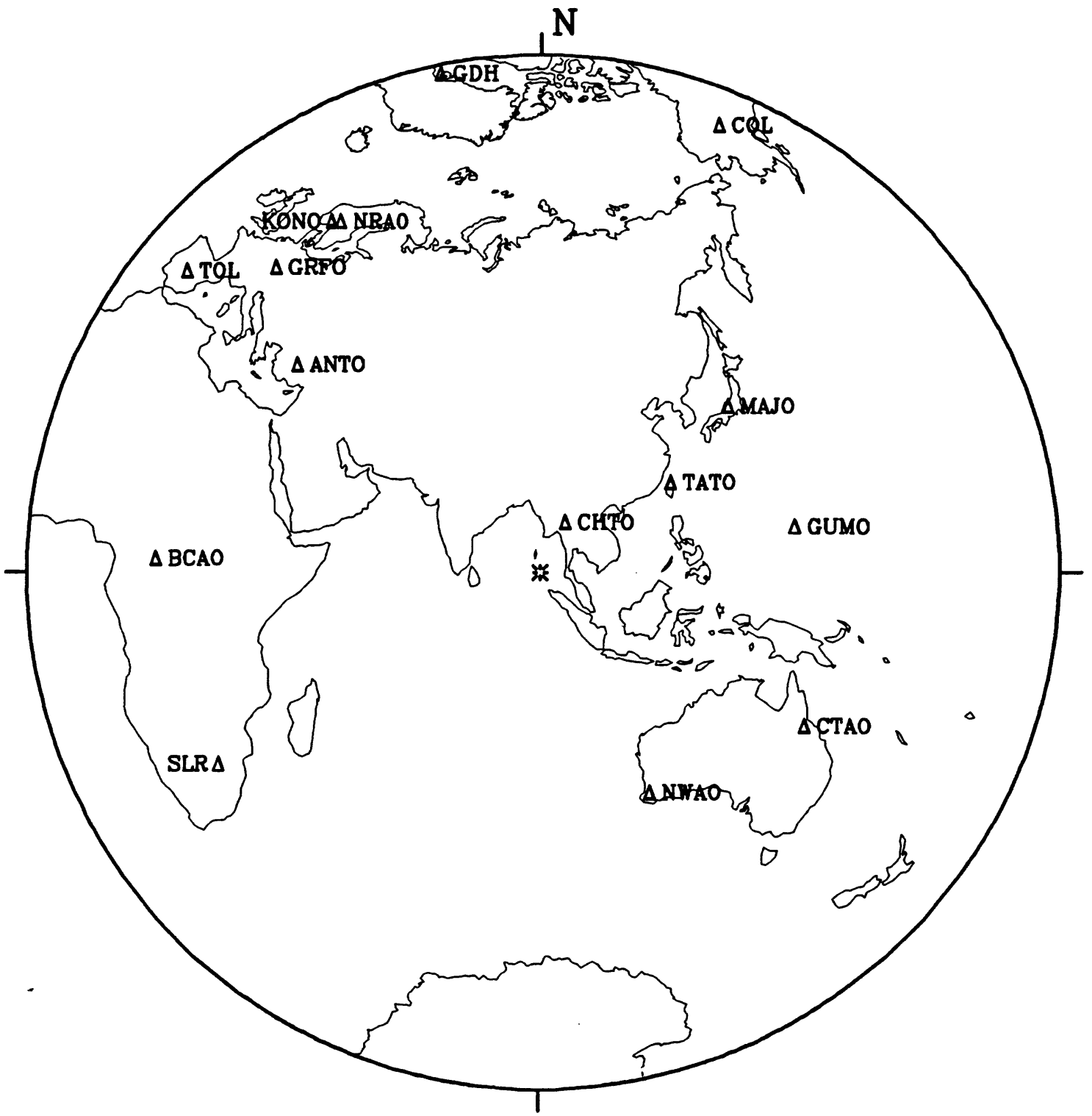

LPZ
02 June 1986 03:56:21.74
Ryukyu Islands h=33.0 m_b=5.2 M_{SZ}=5.7
LPZ
0
10
20
30
40
50
MAJO
03:57:33.4
Δ= 9.3
8.0
-8.0
TATO
03:57:35.4
Δ= 9.4
8.0
-8.0
GUMO
03:59:59.4
Δ= 20.8
8.0
-8.0
CHTO
04:01:34.3
Δ= 30.8
5.0
-5.0
CTAO
04:04:26.9
Δ= 51.8
0.1
-0.1
COL
04:05:25.2
Δ= 59.9
1.0
-1.0
NWAO
04:05:50.0
Δ= 63.6
0.7
-0.7
HON
04:05:52.9
Δ= 64.1
2.0
-2.0
RSNT
04:06:57.1
Δ= 74.4
1.0
-1.0
ANTO
04:07:12.0
Δ= 77.1
2.0
-2.0
0
10
20
30
40
50
Time (min)


LPZ
02 June 1986 03:56:21.74
Ryukyu Islands h=33.0 m_b=5.2 M_{SZ}=5.7
LPZ
0
10
20
30
40
50
NRAO
04:07:12.5
Δ= 77.2
3.0
-3.0
KONO
04:07:20.5
Δ= 78.6
3.0
-3.0
LON
04:07:26.8
Δ= 79.7
7.0
-7.0
GDH
04:07:34.9
Δ= 81.2
2.0
-2.0
GRFO
04:07:51.2
Δ= 84.4
4.0
-4.0
JAS1
04:07:56.8
Δ= 85.5
3.0
-3.0
RSON
04:08:22.2
Δ= 90.7
0.9
-0.9
RSSD
04:08:24.2
Δ= 91.1
0.6
-0.6
ANMO
04:13:25.3
Δ= 96.1
0.7
-0.7
TOL
04:13:30.2
Δ= 98.9
3.0
-3.0
0
10
20
30
40
50
Time (min)
971


LPZ
02 June 1986 03:56:21.74
LPZ
Ryukyu Islands h=33.0 m_b=5.2 M_{SZ}=5.7
0
10
20
30
40
50
GAC
04:13:34.4
Δ=101.2
2.0
-2.0
RSNY
04:13:36.8
Δ=102.6
2.0
-2.0
RSCP
04:13:44.2
Δ=106.6
0.4
-0.4
BCAO
04:13:44.5
Δ=106.7
0.4
-0.4
SLR
04:13:55.1
Δ=112.4
30.0
-30.0
ZOBO
04:15:15.6
Δ=158.2
0.9
-0.9
0
10
20
30
40
50
Time (min)

02 June 1986 17:51:54.40

Nicobar Islands Region

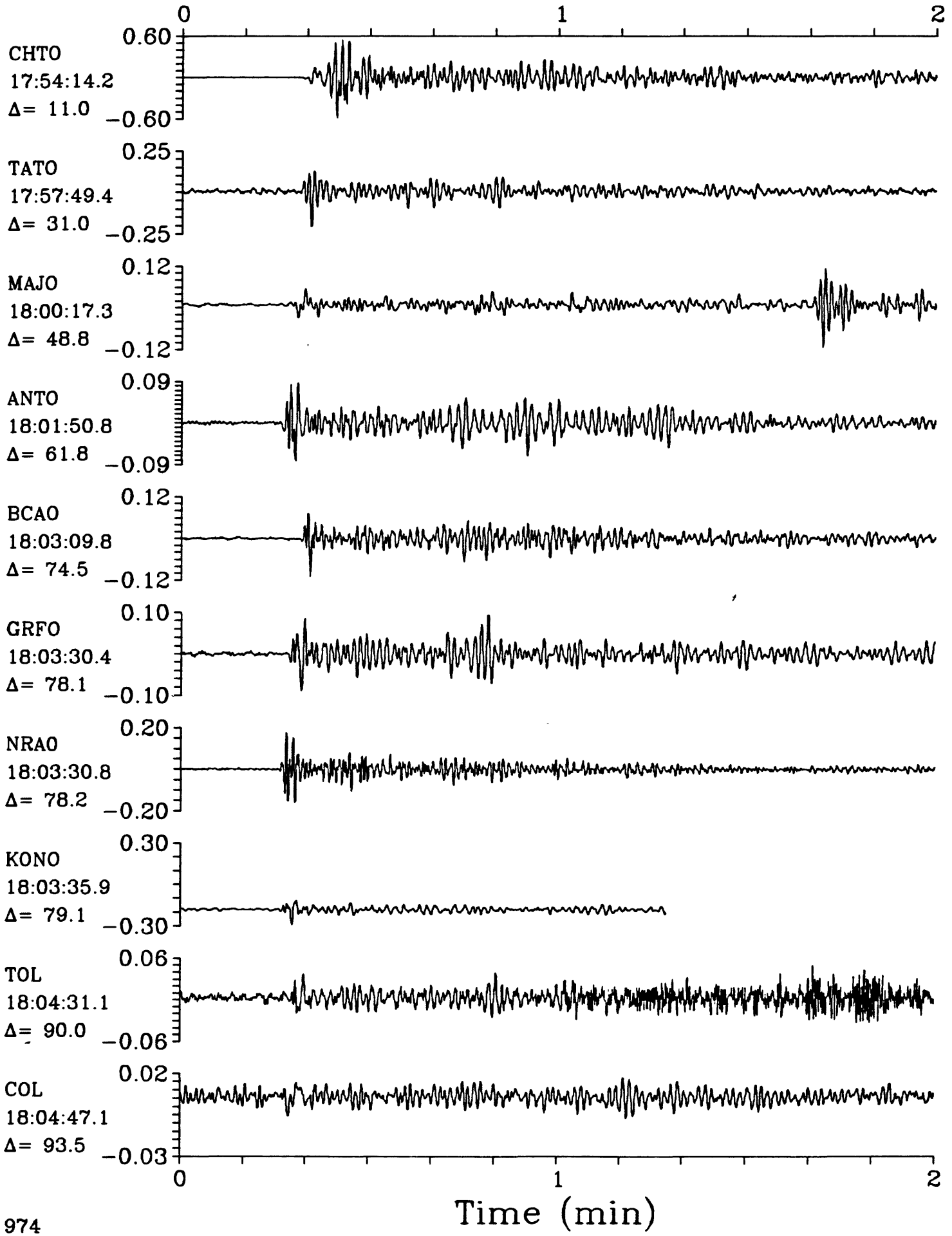


SPZ

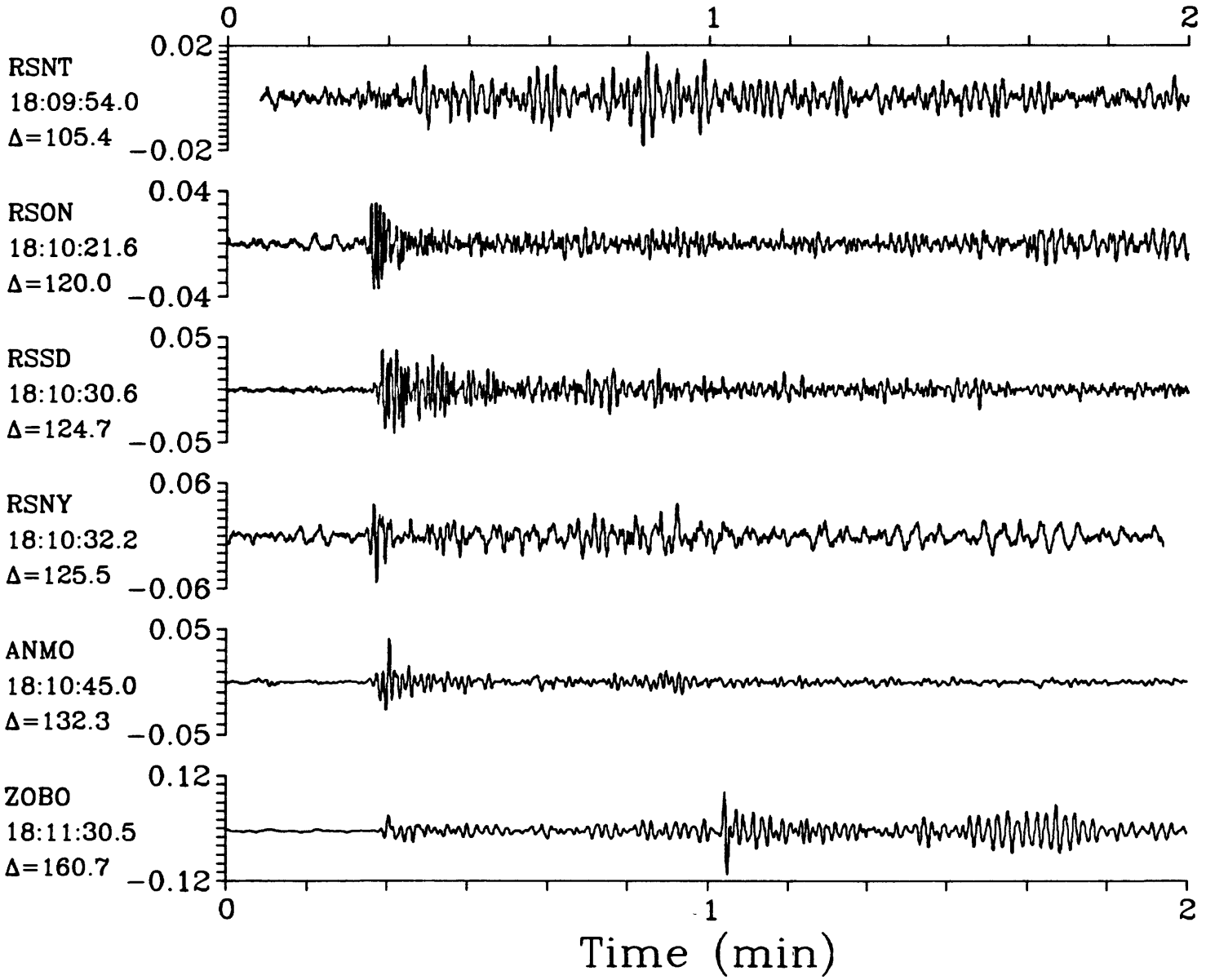
02 June 1986 17:51:54.40

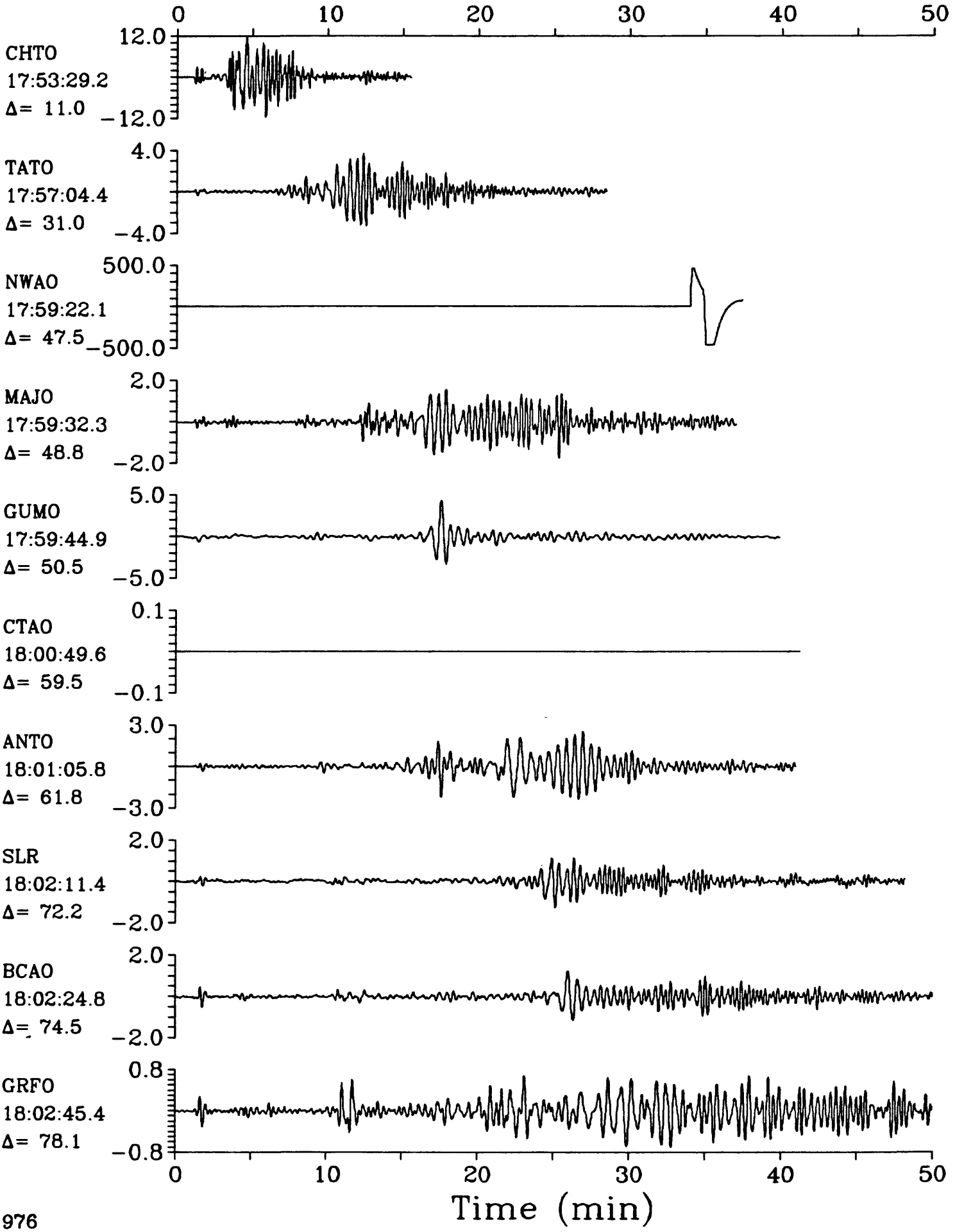
SPZ

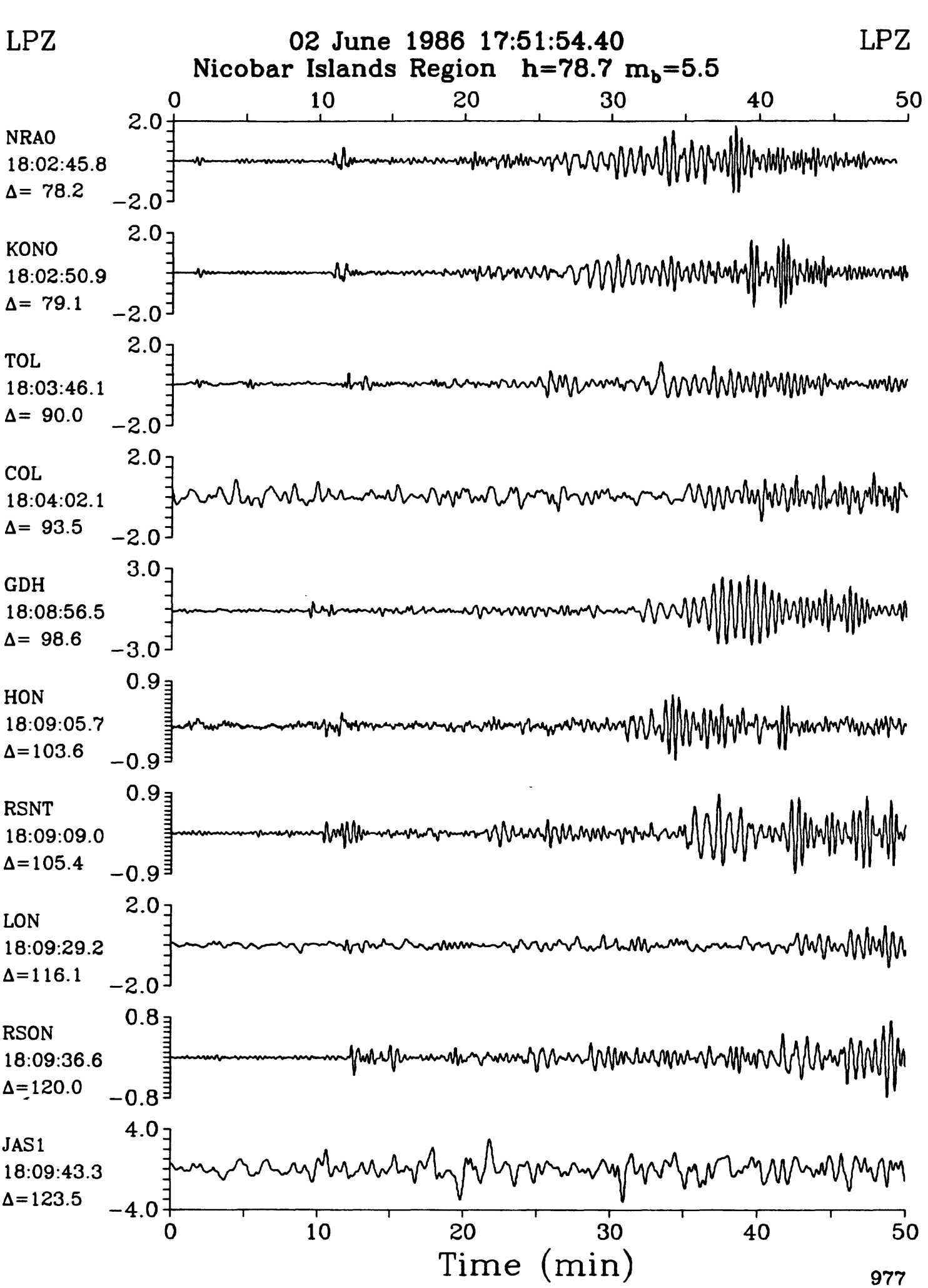
Nicobar Islands Region h=78.7 m_b=5.5

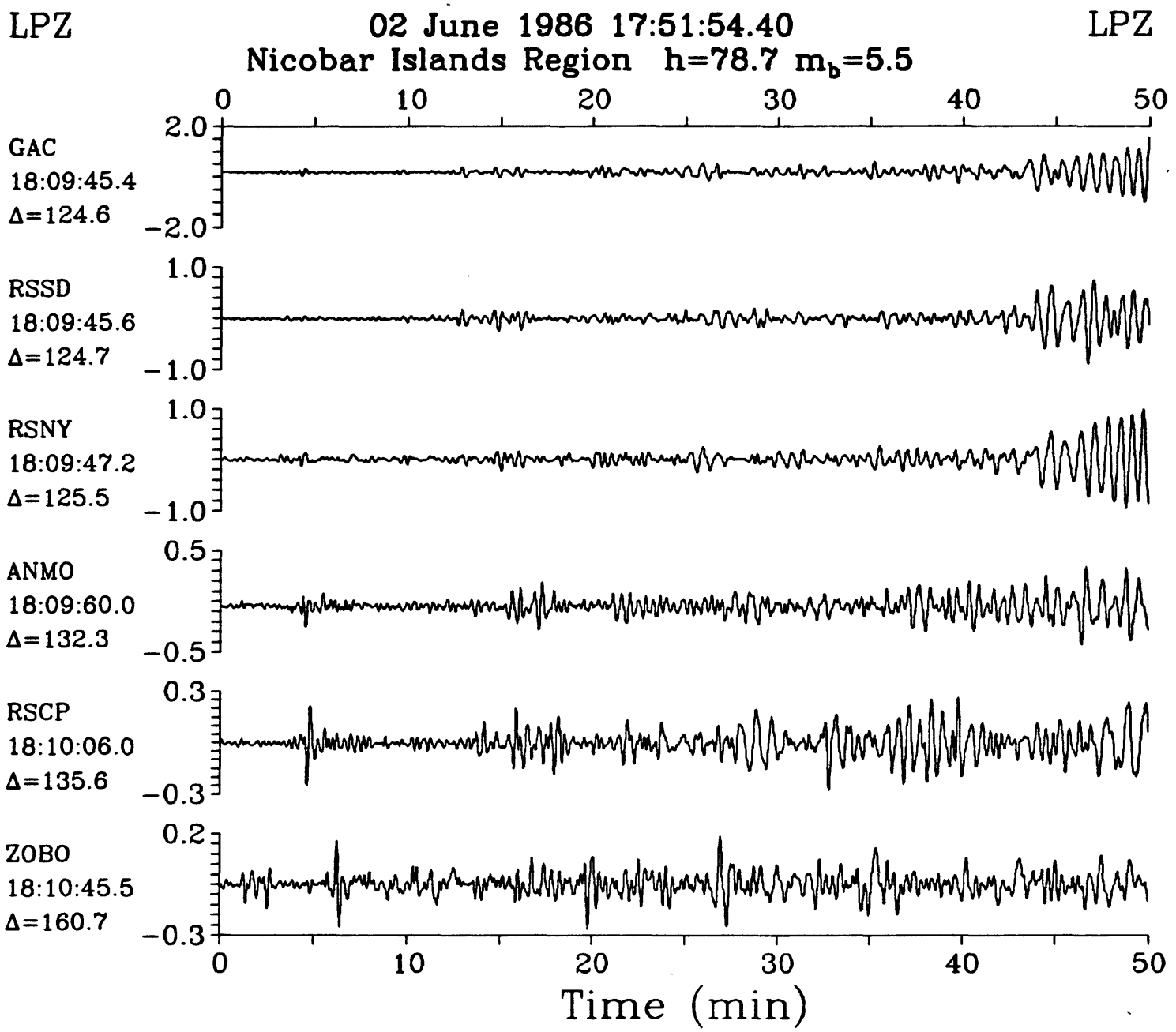


02 June 1986 17:51:54.40
Nicobar Islands Region h=78.7 m_b=5.5



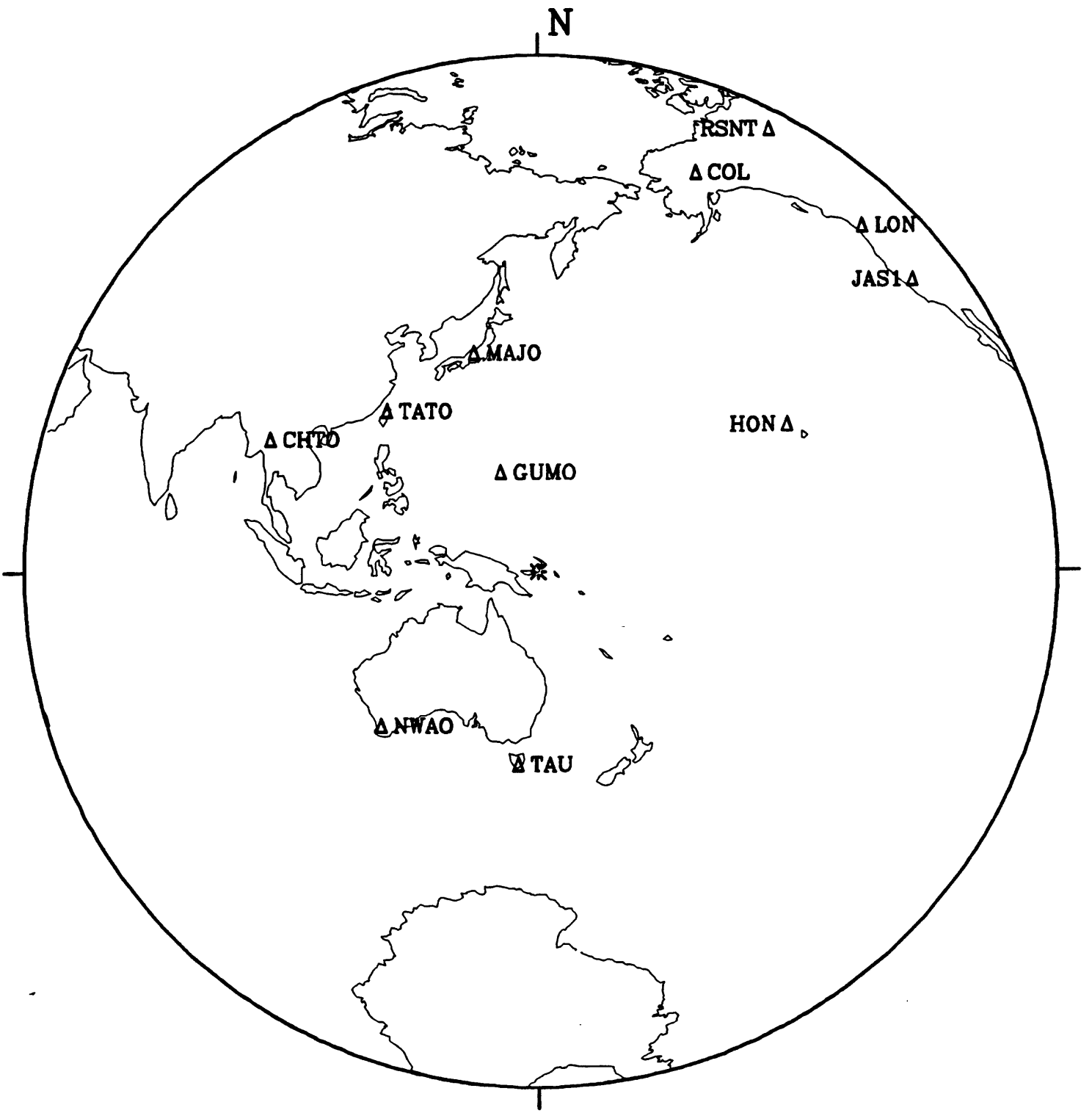

LPZ
02 June 1986 17:51:54.40
Nicobar Islands Region h=78.7 m_b=5.5
LPZ
0
10
20
30
40
50
CHTO
17:53:29.2
Δ= 11.0
12.0
-12.0
TATO
17:57:04.4
Δ= 31.0
4.0
-4.0
NWAO
17:59:22.1
Δ= 47.5
500.0
-500.0
MAJO
17:59:32.3
Δ= 48.8
2.0
-2.0
GUMO
17:59:44.9
Δ= 50.5
5.0
-5.0
CTAO
18:00:49.6
Δ= 59.5
0.1
-0.1
ANTO
18:01:05.8
Δ= 61.8
3.0
-3.0
SLR
18:02:11.4
Δ= 72.2
2.0
-2.0
BCAO
18:02:24.8
Δ= 74.5
2.0
-2.0
GRFO
18:02:45.4
Δ= 78.1
0.8
-0.8
0
10
20
30
40
50
Time (min)

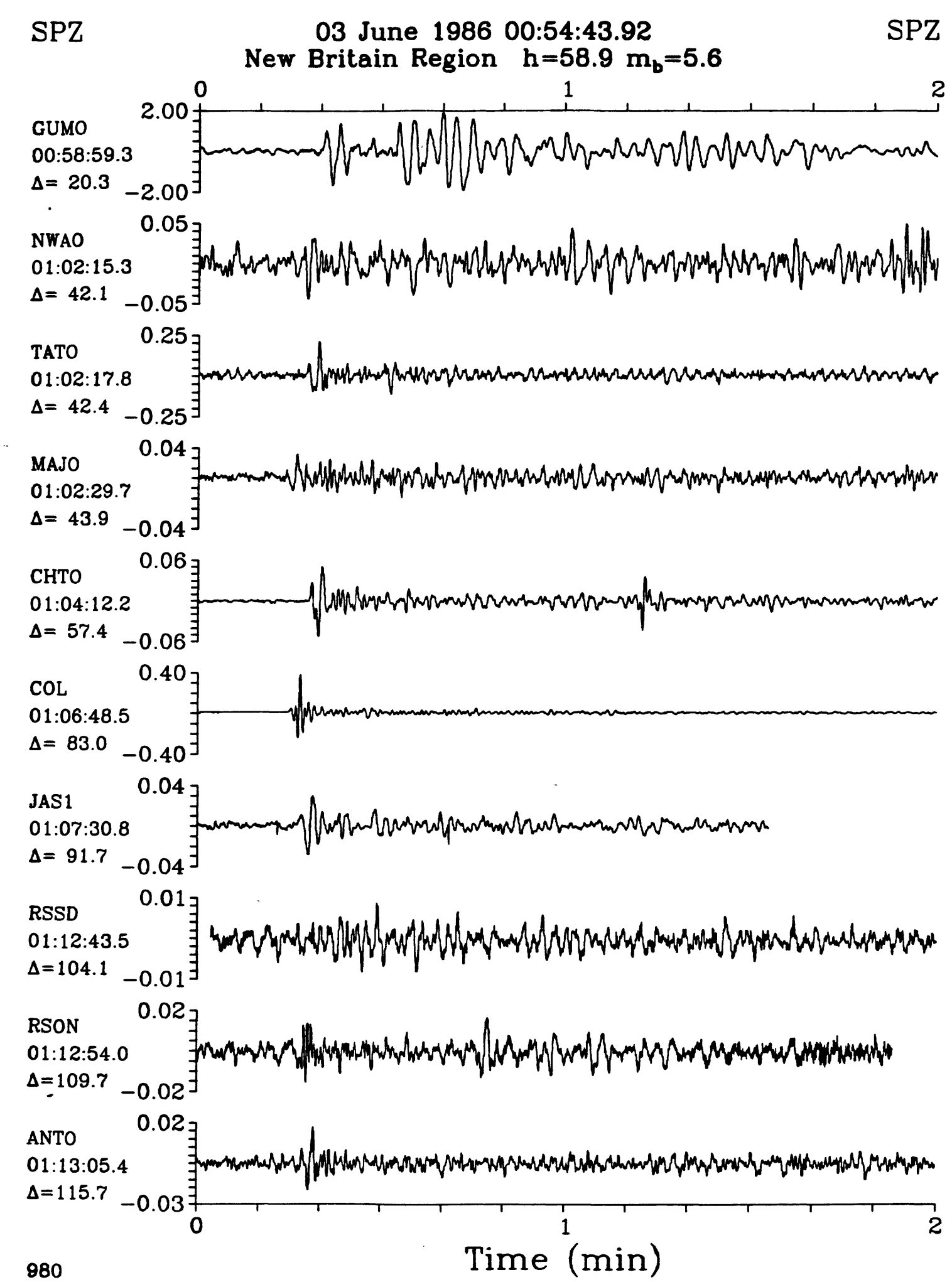

LPZ
02 June 1986 17:51:54.40
Nicobar Islands Region h=78.7 m_b=5.5
LPZ
0
10
20
30
40
50
NRAO
18:02:45.8
Δ= 78.2
2.0
-2.0
KONO
18:02:50.9
Δ= 79.1
2.0
-2.0
TOL
18:03:46.1
Δ= 90.0
2.0
-2.0
COL
18:04:02.1
Δ= 93.5
2.0
-2.0
GDH
18:08:56.5
Δ= 98.6
3.0
-3.0
HON
18:09:05.7
Δ=103.6
0.9
-0.9
RSNT
18:09:09.0
Δ=105.4
0.9
-0.9
LON
18:09:29.2
Δ=116.1
2.0
-2.0
RSON
18:09:36.6
Δ=120.0
0.8
-0.8
JAS1
18:09:43.3
Δ=123.5
4.0
-4.0
0
10
20
30
40
50
Time (min)
977


LPZ
02 June 1986 17:51:54.40
Nicobar Islands Region h=78.7 m_b=5.5
LPZ
0
10
20
30
40
50
GAC
18:09:45.4
Δ=124.6
2.0
−2.0
RSSD
18:09:45.6
Δ=124.7
1.0
−1.0
RSNY
18:09:47.2
Δ=125.5
1.0
−1.0
ANMO
18:09:60.0
Δ=132.3
0.5
−0.5
RSCP
18:10:06.0
Δ=135.6
0.3
−0.3
ZOBO
18:10:45.5
Δ=160.7
0.2
−0.3
0
10
20
30
40
50
Time (min)

03 June 1986 00:54:43.92

New Britain Region



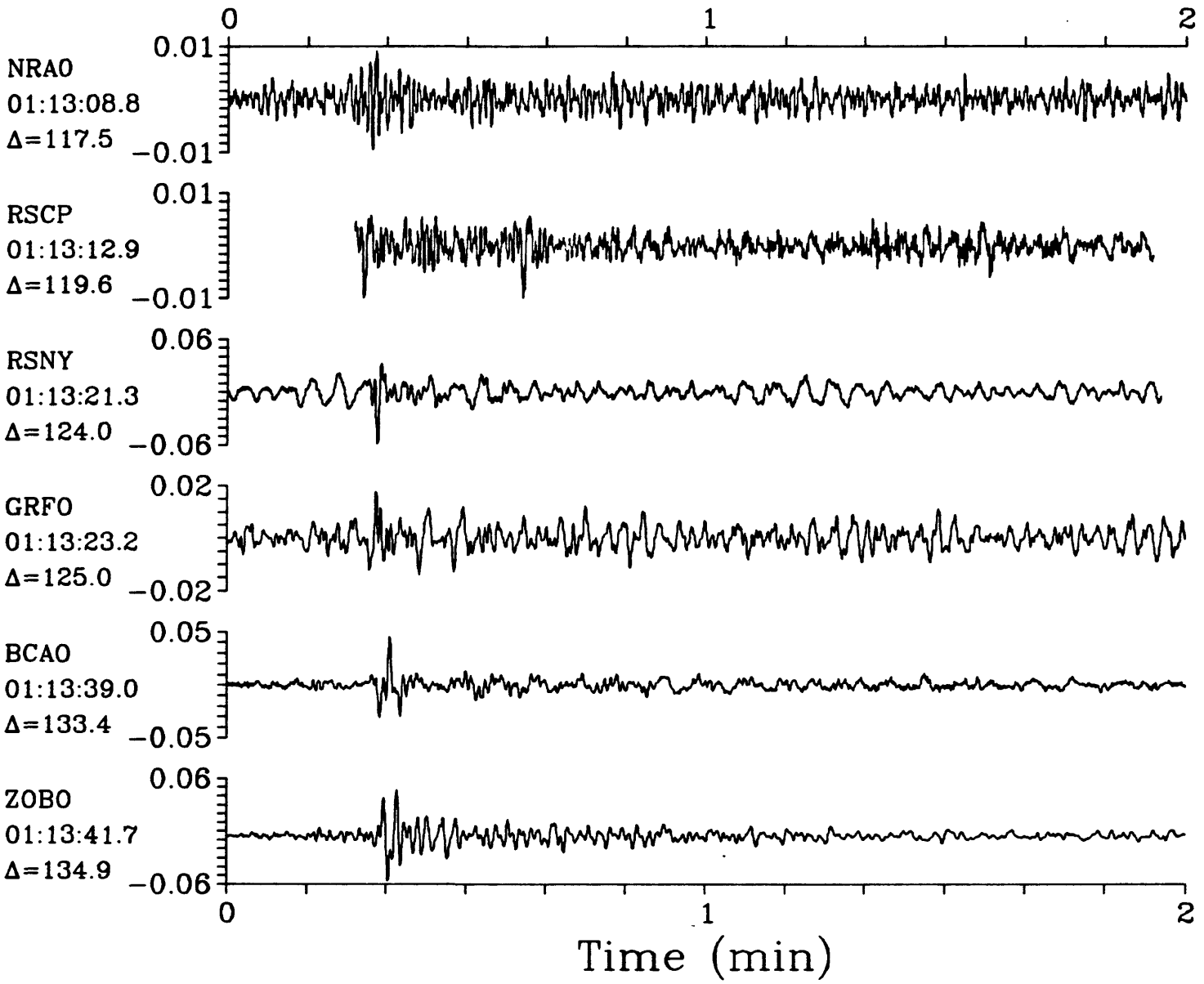

SPZ
03 June 1986 00:54:43.92
New Britain Region h=58.9 m_b=5.6
SPZ
0
1
2
GUMO
00:58:59.3
Δ= 20.3
2.00
-2.00
NWAO
01:02:15.3
Δ= 42.1
0.05
-0.05
TATO
01:02:17.8
Δ= 42.4
0.25
-0.25
MAJO
01:02:29.7
Δ= 43.9
0.04
-0.04
CHTO
01:04:12.2
Δ= 57.4
0.06
-0.06
COL
01:06:48.5
Δ= 83.0
0.40
-0.40
JAS1
01:07:30.8
Δ= 91.7
0.04
-0.04
RSSD
01:12:43.5
Δ=104.1
0.01
-0.01
RSON
01:12:54.0
Δ=109.7
0.02
-0.02
ANTO
01:13:05.4
Δ=115.7
0.02
-0.03
0
1
2
Time (min)

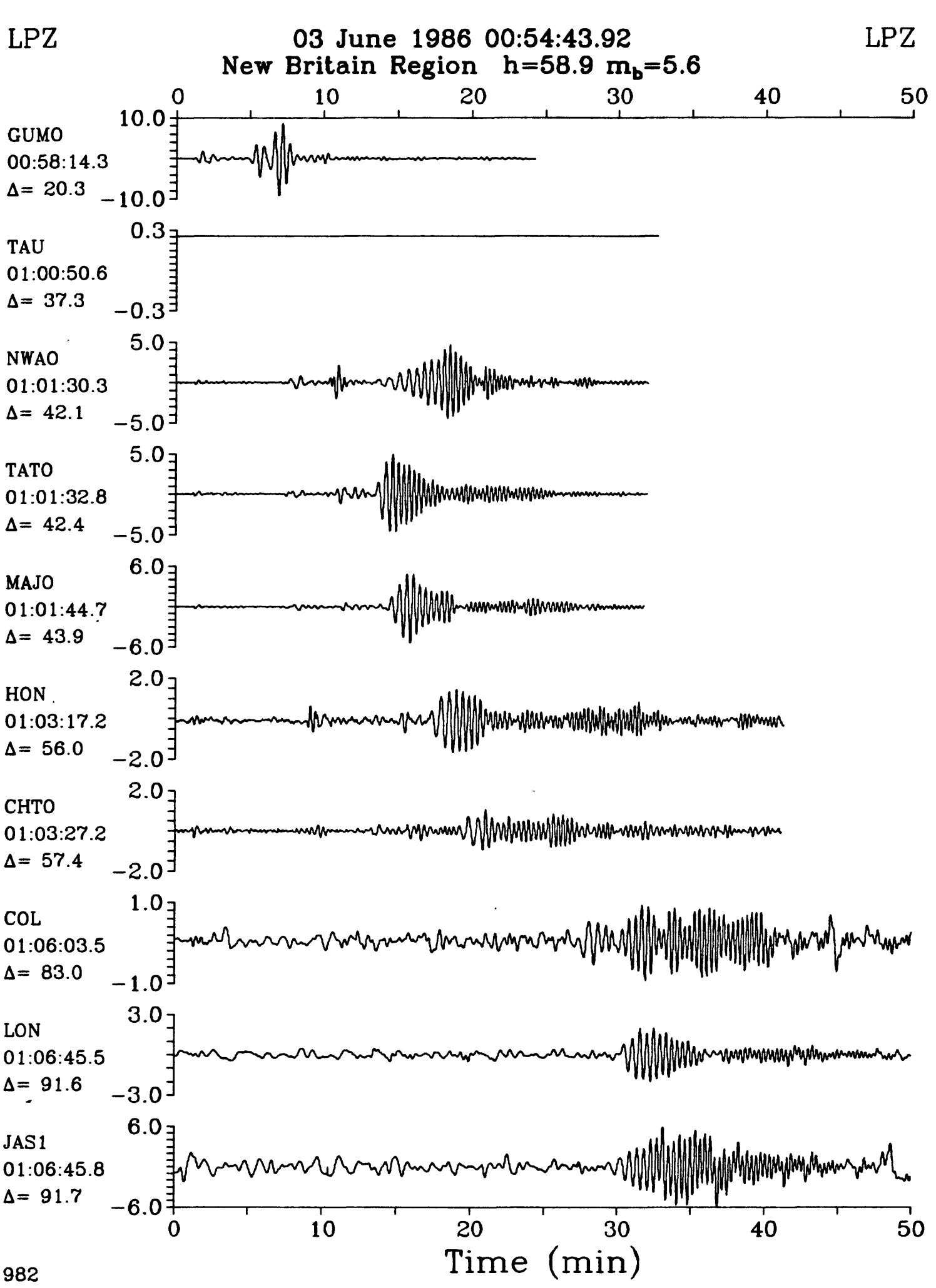
SPZ

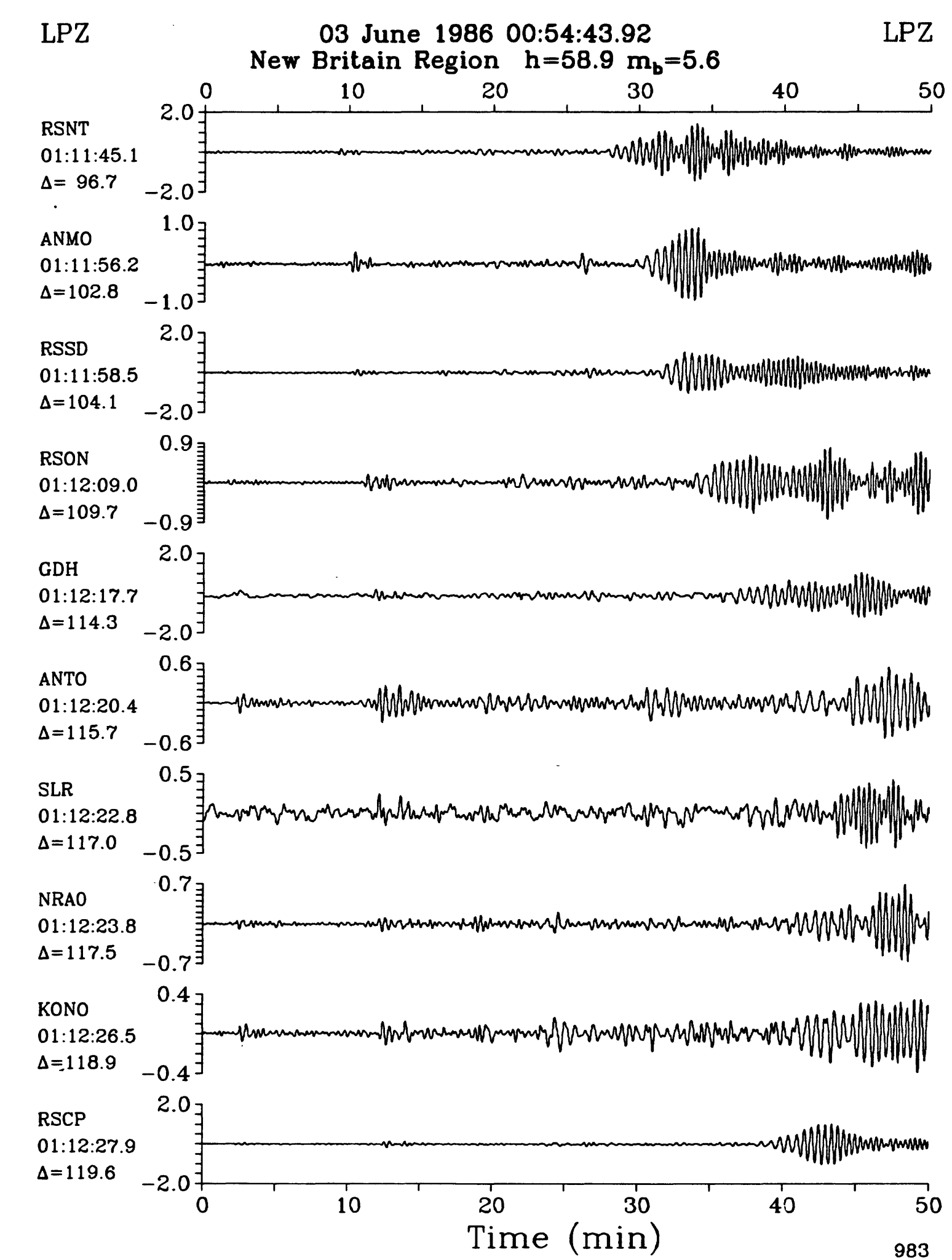
03 June 1986 00:54:43.92

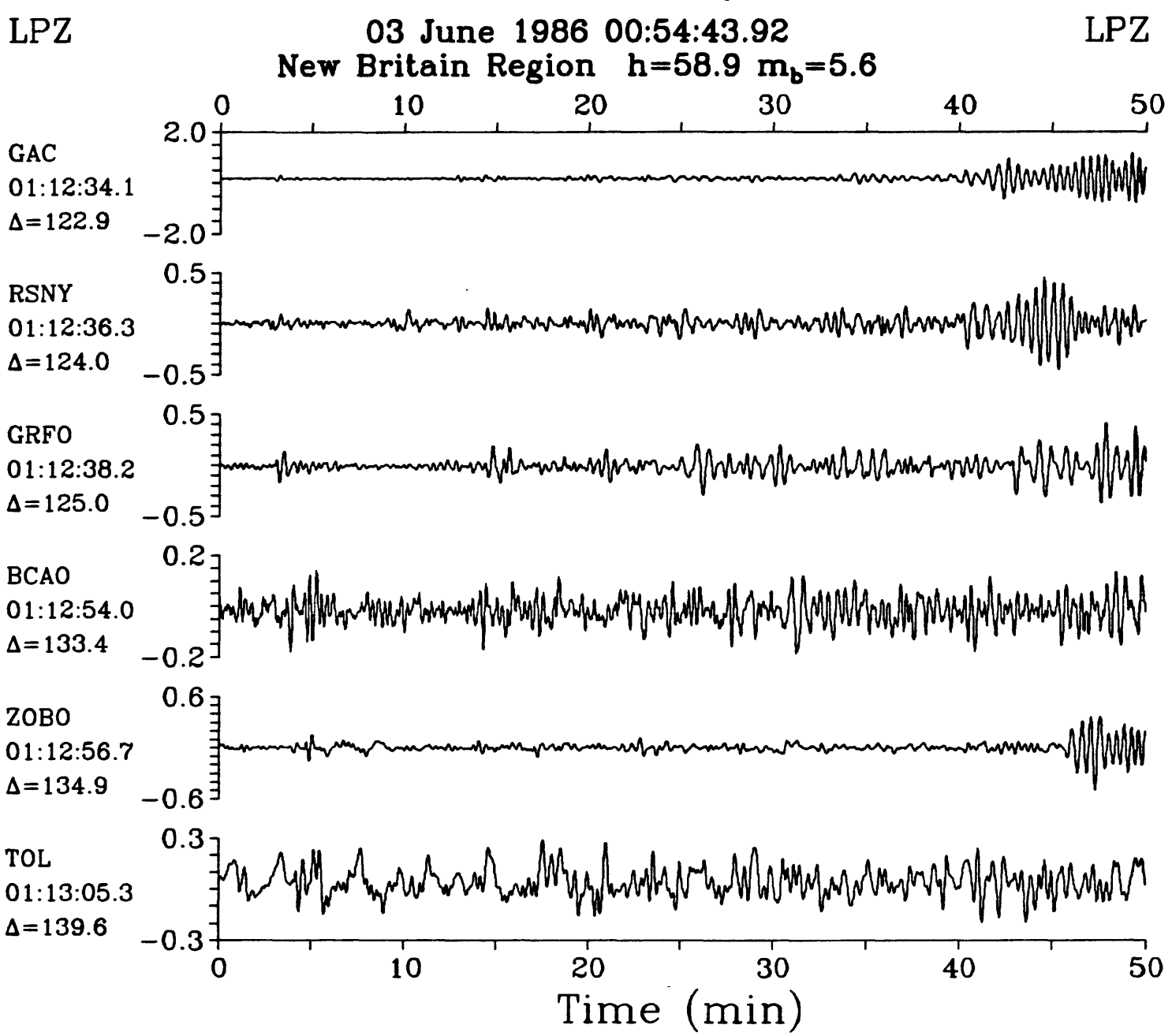
New Britain Region h=58.9 m_b=5.6

SPZ



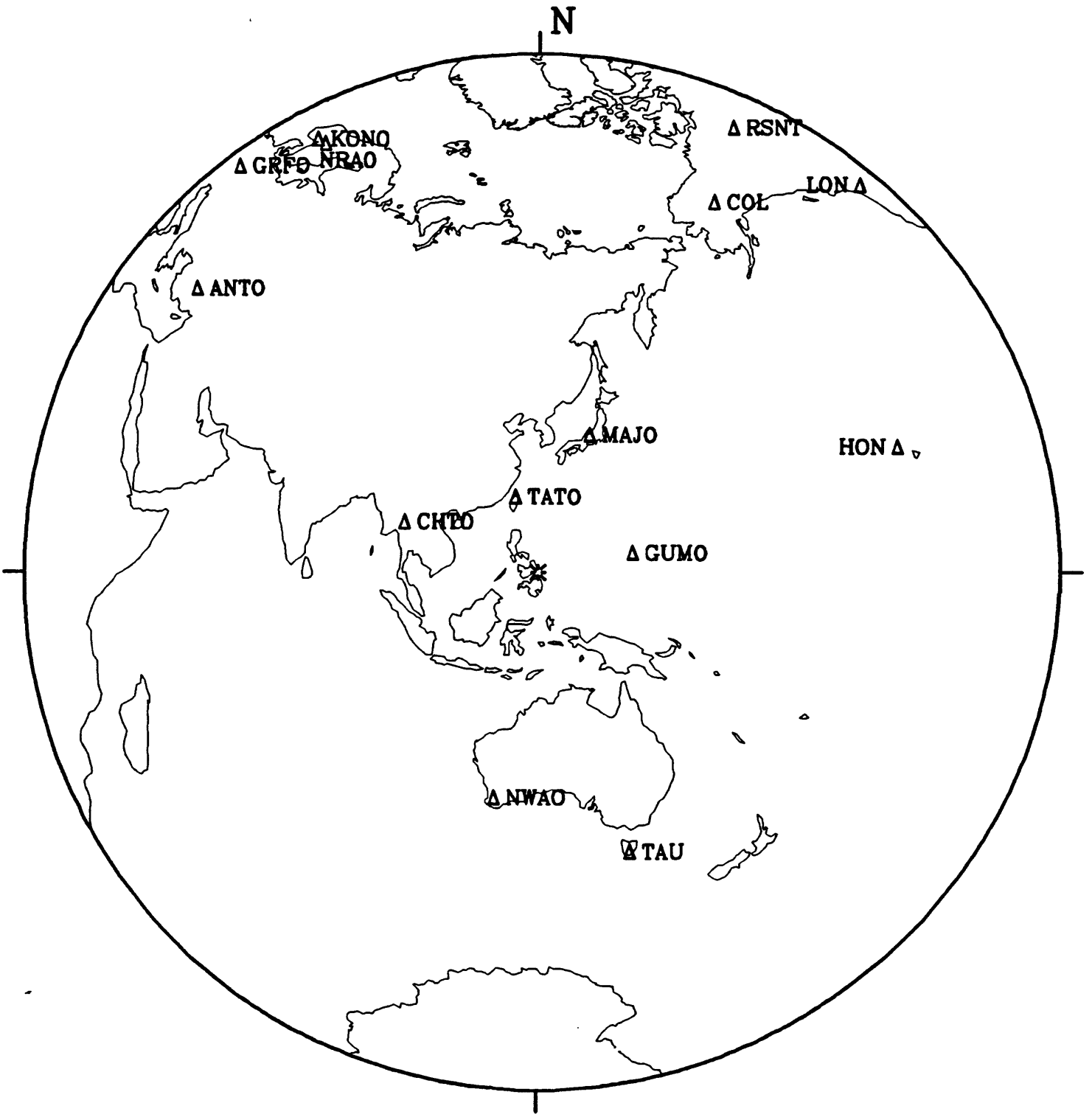

LPZ
03 June 1986 00:54:43.92
New Britain Region h=58.9 m_b=5.6
LPZ
0
10
20
30
40
50
GUMO
00:58:14.3
Δ= 20.3
10.0
-10.0
TAU
01:00:50.6
Δ= 37.3
0.3
-0.3
NWAO
01:01:30.3
Δ= 42.1
5.0
-5.0
TATO
01:01:32.8
Δ= 42.4
5.0
-5.0
MAJO
01:01:44.7
Δ= 43.9
6.0
-6.0
HON
01:03:17.2
Δ= 56.0
2.0
-2.0
CHTO
01:03:27.2
Δ= 57.4
2.0
-2.0
COL
01:06:03.5
Δ= 83.0
1.0
-1.0
LON
01:06:45.5
Δ= 91.6
3.0
-3.0
JAS1
01:06:45.8
Δ= 91.7
6.0
-6.0
0
10
20
30
40
50
Time (min)

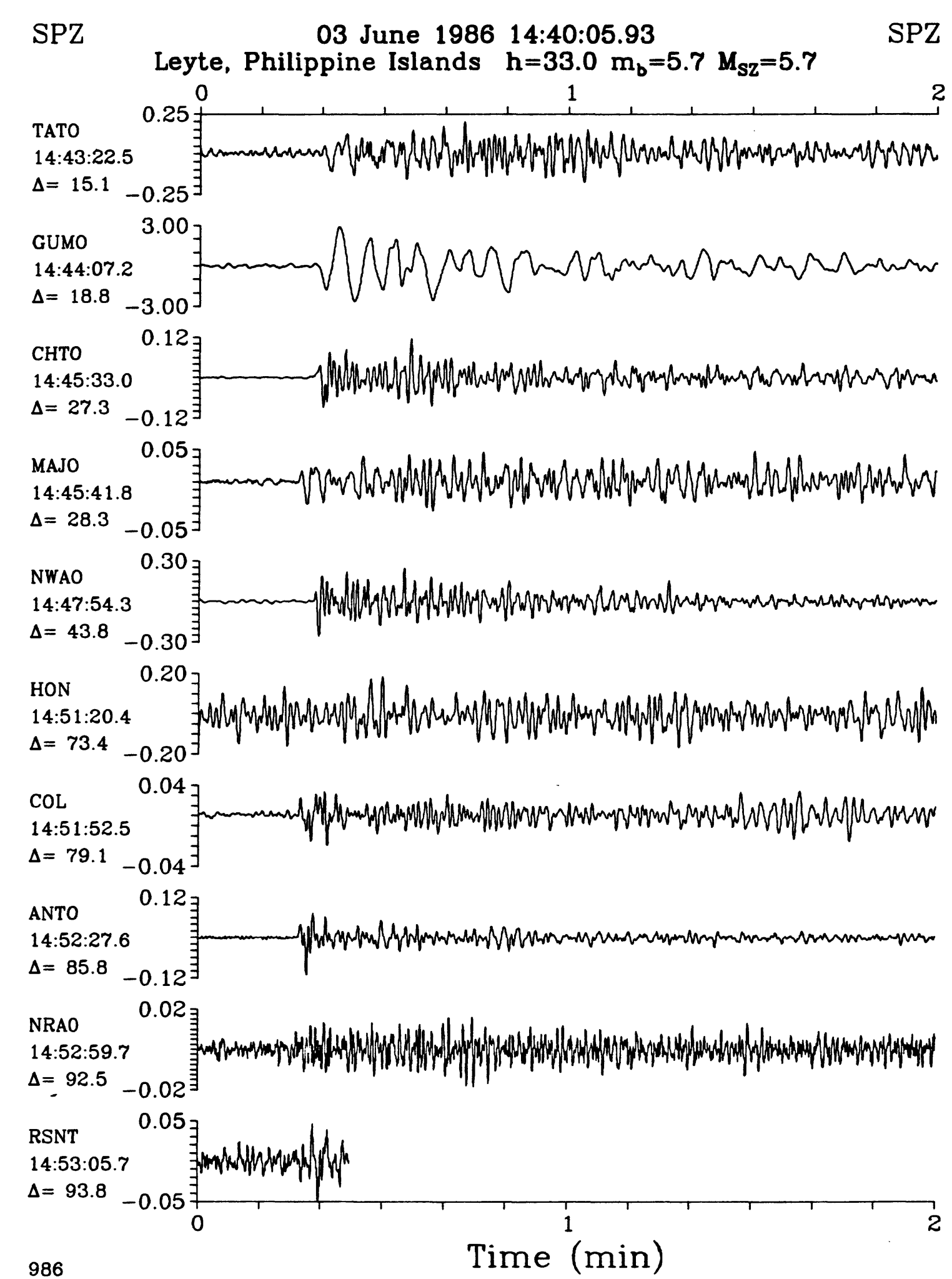

LPZ
03 June 1986 00:54:43.92
New Britain Region h=58.9 m_b=5.6
LPZ
0
10
20
30
40
50
RSNT
01:11:45.1
Δ= 96.7
2.0
-2.0
ANMO
01:11:56.2
Δ=102.8
1.0
-1.0
RSSD
01:11:58.5
Δ=104.1
2.0
-2.0
RSON
01:12:09.0
Δ=109.7
0.9
-0.9
GDH
01:12:17.7
Δ=114.3
2.0
-2.0
ANTO
01:12:20.4
Δ=115.7
0.6
-0.6
SLR
01:12:22.8
Δ=117.0
0.5
-0.5
NRAO
01:12:23.8
Δ=117.5
0.7
-0.7
KONO
01:12:26.5
Δ=118.9
0.4
-0.4
RSCP
01:12:27.9
Δ=119.6
2.0
-2.0
0
10
20
30
40
50
Time (min)
983

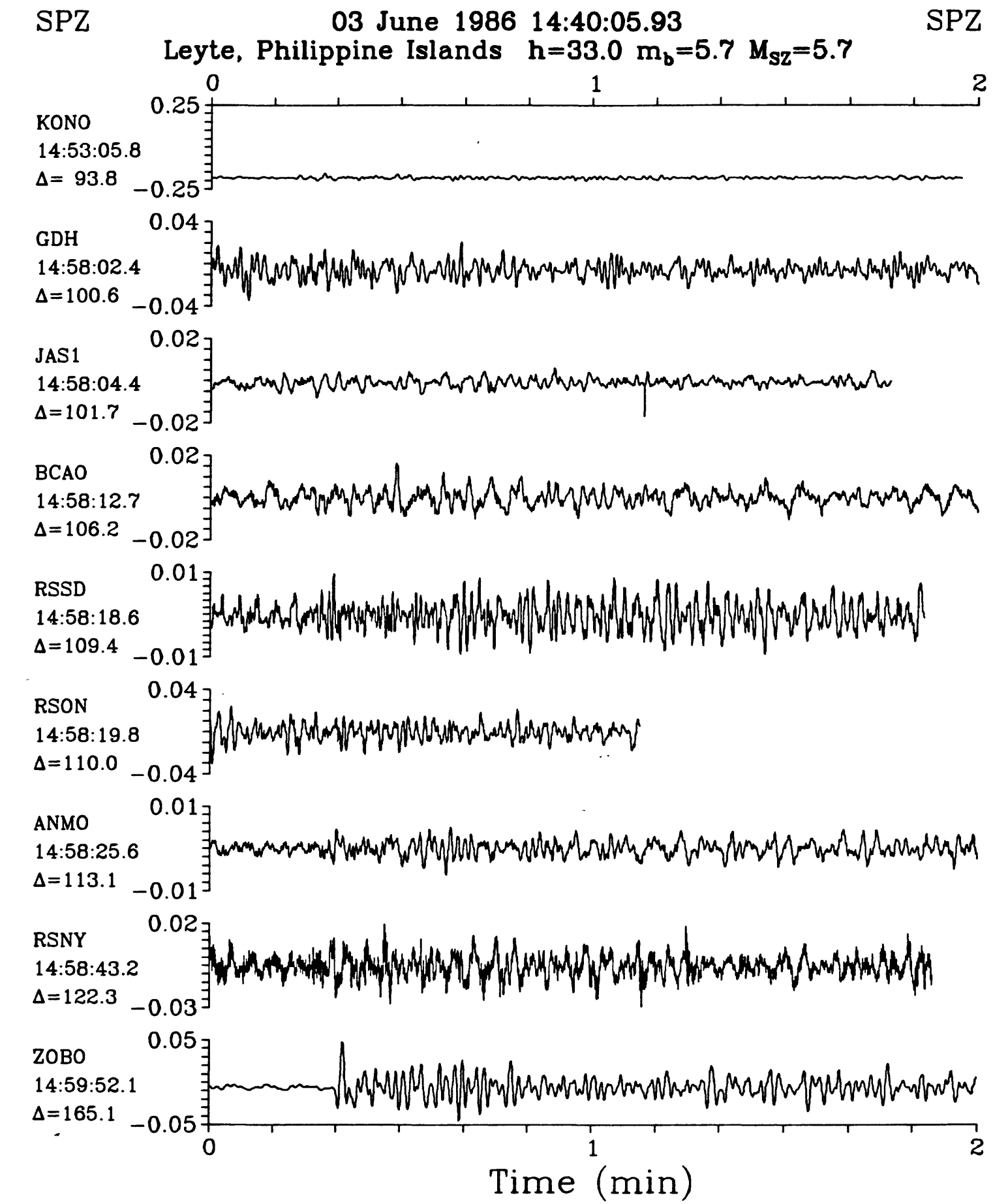

LPZ
03 June 1986 00:54:43.92
New Britain Region h=58.9 m_b=5.6
LPZ
0
10
20
30
40
50
GAC
01:12:34.1
Δ=122.9
2.0
−2.0
RSNY
01:12:36.3
Δ=124.0
0.5
−0.5
GRFO
01:12:38.2
Δ=125.0
0.5
−0.5
BCAO
01:12:54.0
Δ=133.4
0.2
−0.2
ZOBO
01:12:56.7
Δ=134.9
0.6
−0.6
TOL
01:13:05.3
Δ=139.6
0.3
−0.3
Time (min)

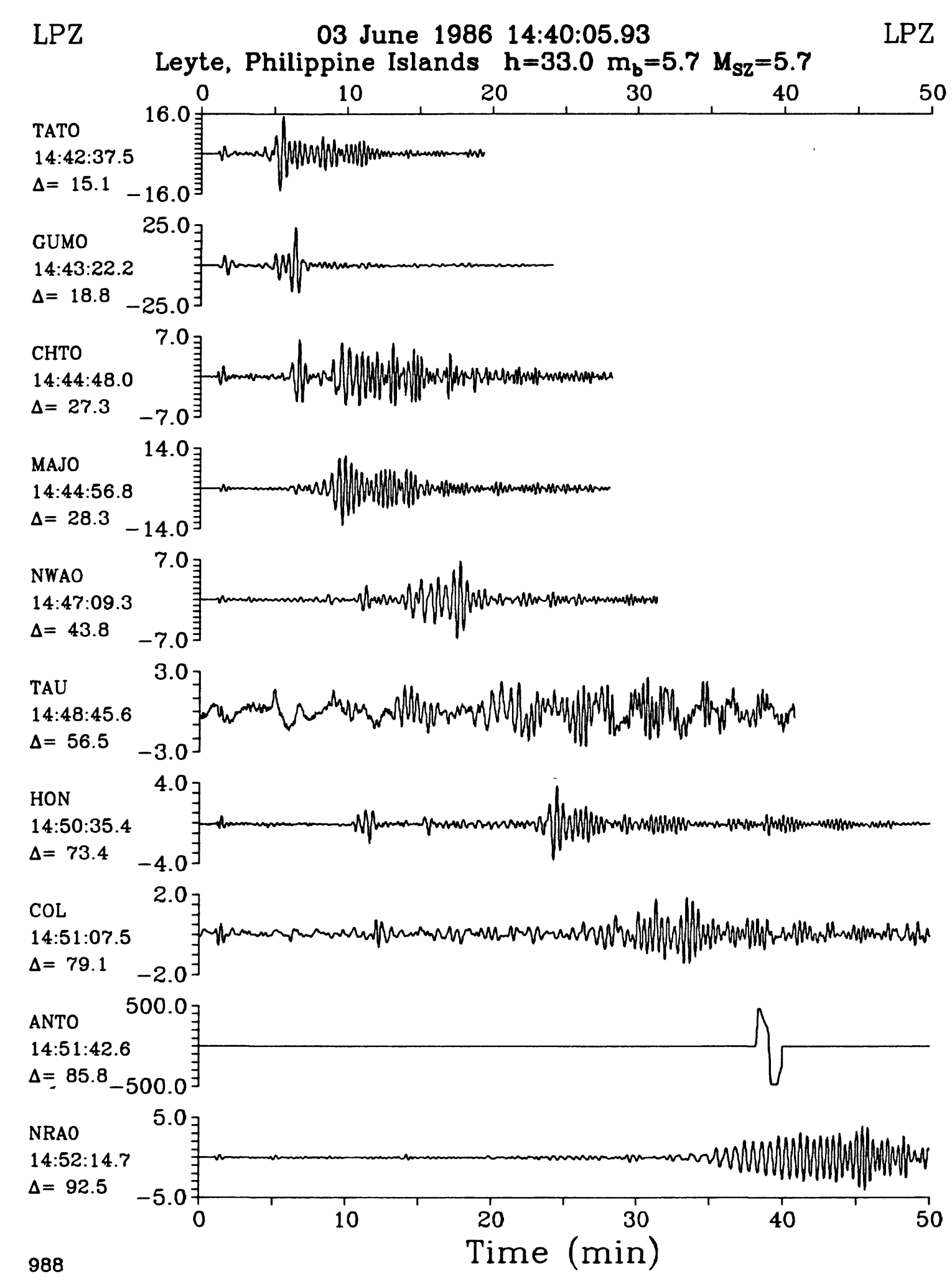
03 June 1986 14:40:05.93

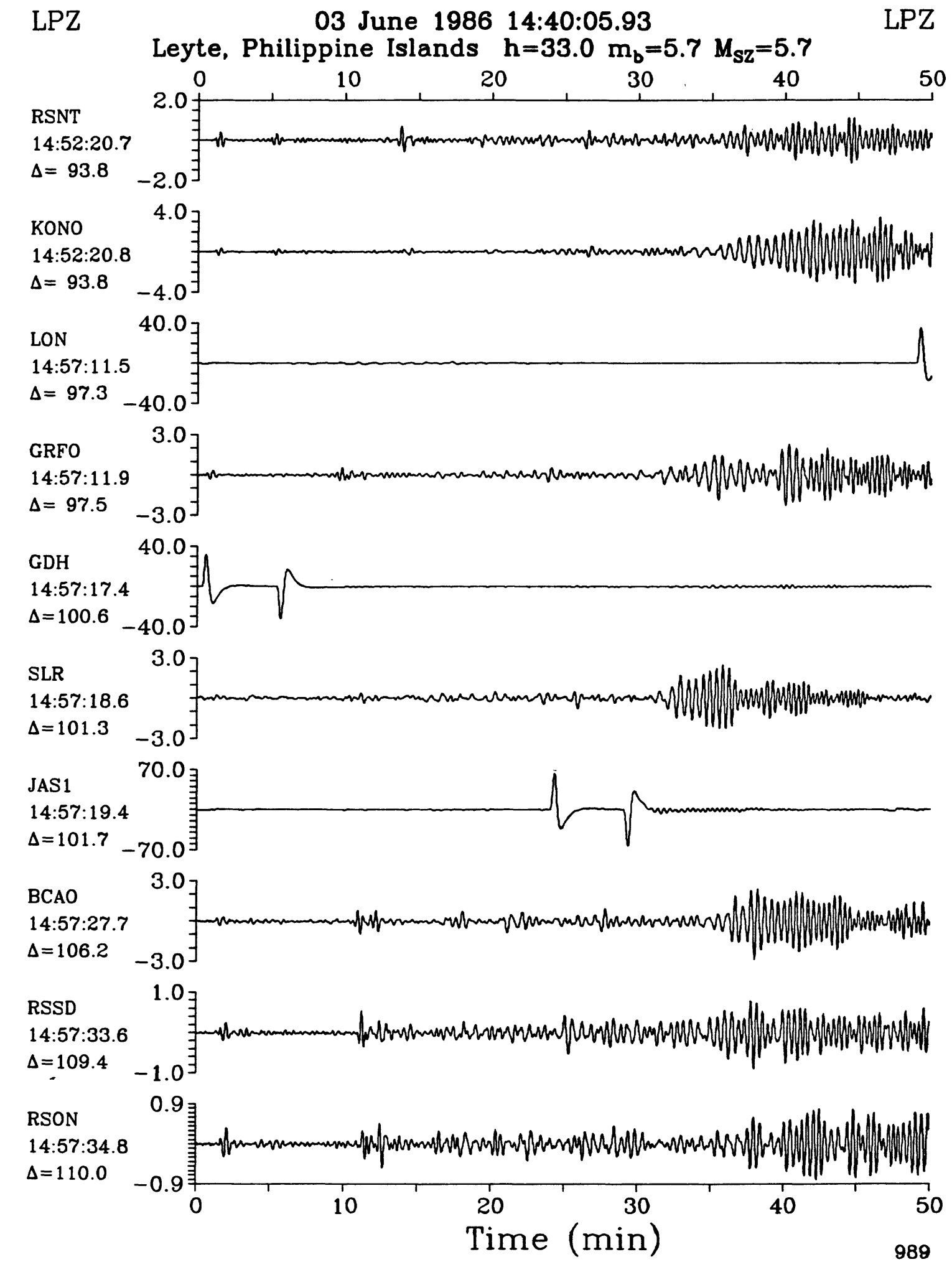
Leyte, Philippine Islands

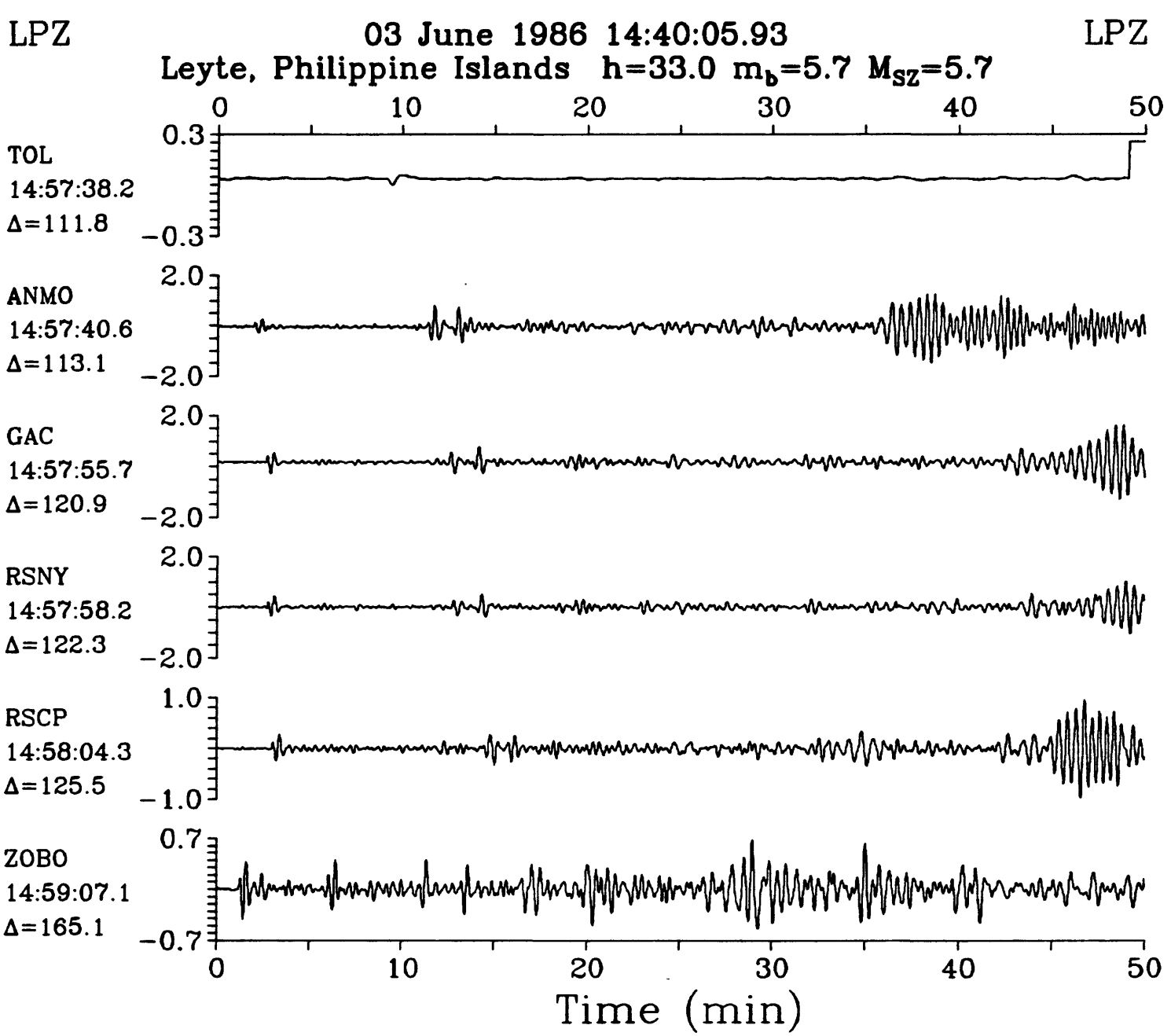



SPZ
03 June 1986 14:40:05.93
SPZ
Leyte, Philippine Islands h=33.0 m_b=5.7 M_{SZ}=5.7
0
1
2
0.25
TATO
14:43:22.5
Δ= 15.1
−0.25
3.00
GUMO
14:44:07.2
Δ= 18.8
−3.00
0.12
CHTO
14:45:33.0
Δ= 27.3
−0.12
0.05
MAJO
14:45:41.8
Δ= 28.3
−0.05
0.30
NWAO
14:47:54.3
Δ= 43.8
−0.30
0.20
HON
14:51:20.4
Δ= 73.4
−0.20
0.04
COL
14:51:52.5
Δ= 79.1
−0.04
0.12
ANTO
14:52:27.6
Δ= 85.8
−0.12
0.02
NRAO
14:52:59.7
Δ= 92.5
−0.02
0.05
RSNT
14:53:05.7
Δ= 93.8
−0.05
0
1
2
Time (min)
986


SPZ
03 June 1986 14:40:05.93
SPZ
Leyte, Philippine Islands h=33.0 m_b=5.7 M_{SZ}=5.7
0
1
2
0.25
KONO
14:53:05.8
Δ= 93.8
−0.25
0.04
GDH
14:58:02.4
Δ=100.6
−0.04
0.02
JAS1
14:58:04.4
Δ=101.7
−0.02
0.02
BCAO
14:58:12.7
Δ=106.2
−0.02
0.01
RSSD
14:58:18.6
Δ=109.4
−0.01
0.04
RSON
14:58:19.8
Δ=110.0
−0.04
0.01
ANMO
14:58:25.6
Δ=113.1
−0.01
0.02
RSNY
14:58:43.2
Δ=122.3
−0.03
0.05
ZOBO
14:59:52.1
Δ=165.1
−0.05
0
1
2
Time (min)

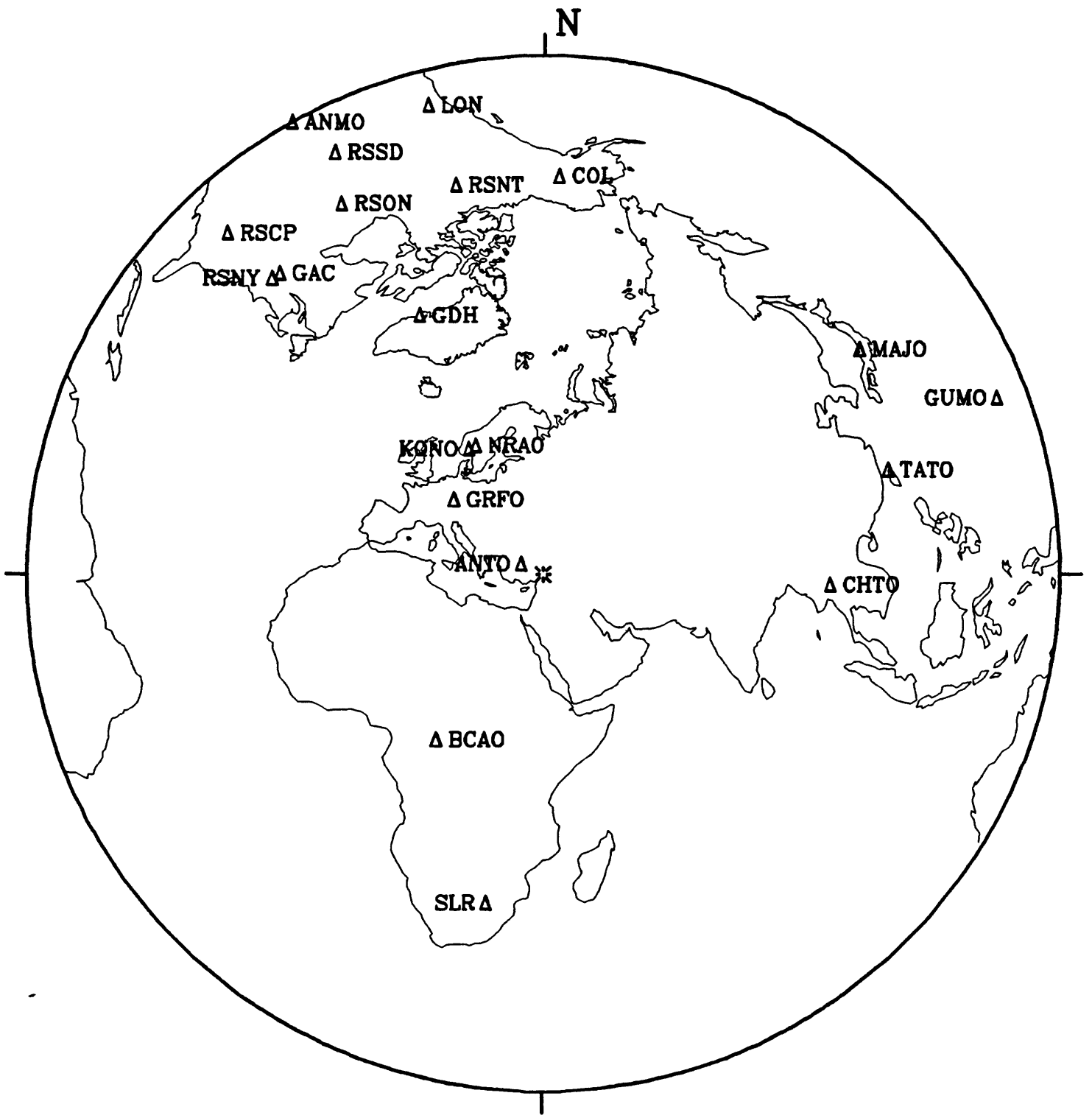

LPZ
03 June 1986 14:40:05.93
LPZ
Leyte, Philippine Islands h=33.0 m_b=5.7 M_{SZ}=5.7
0
10
20
30
40
50
TATO
14:42:37.5
Δ= 15.1
16.0
-16.0
GUMO
14:43:22.2
Δ= 18.8
25.0
-25.0
CHTO
14:44:48.0
Δ= 27.3
7.0
-7.0
MAJO
14:44:56.8
Δ= 28.3
14.0
-14.0
NWAO
14:47:09.3
Δ= 43.8
7.0
-7.0
TAU
14:48:45.6
Δ= 56.5
3.0
-3.0
HON
14:50:35.4
Δ= 73.4
4.0
-4.0
COL
14:51:07.5
Δ= 79.1
2.0
-2.0
ANTO
14:51:42.6
Δ= 85.8
500.0
-500.0
NRAO
14:52:14.7
Δ= 92.5
5.0
-5.0
0
10
20
30
40
50
Time (min)

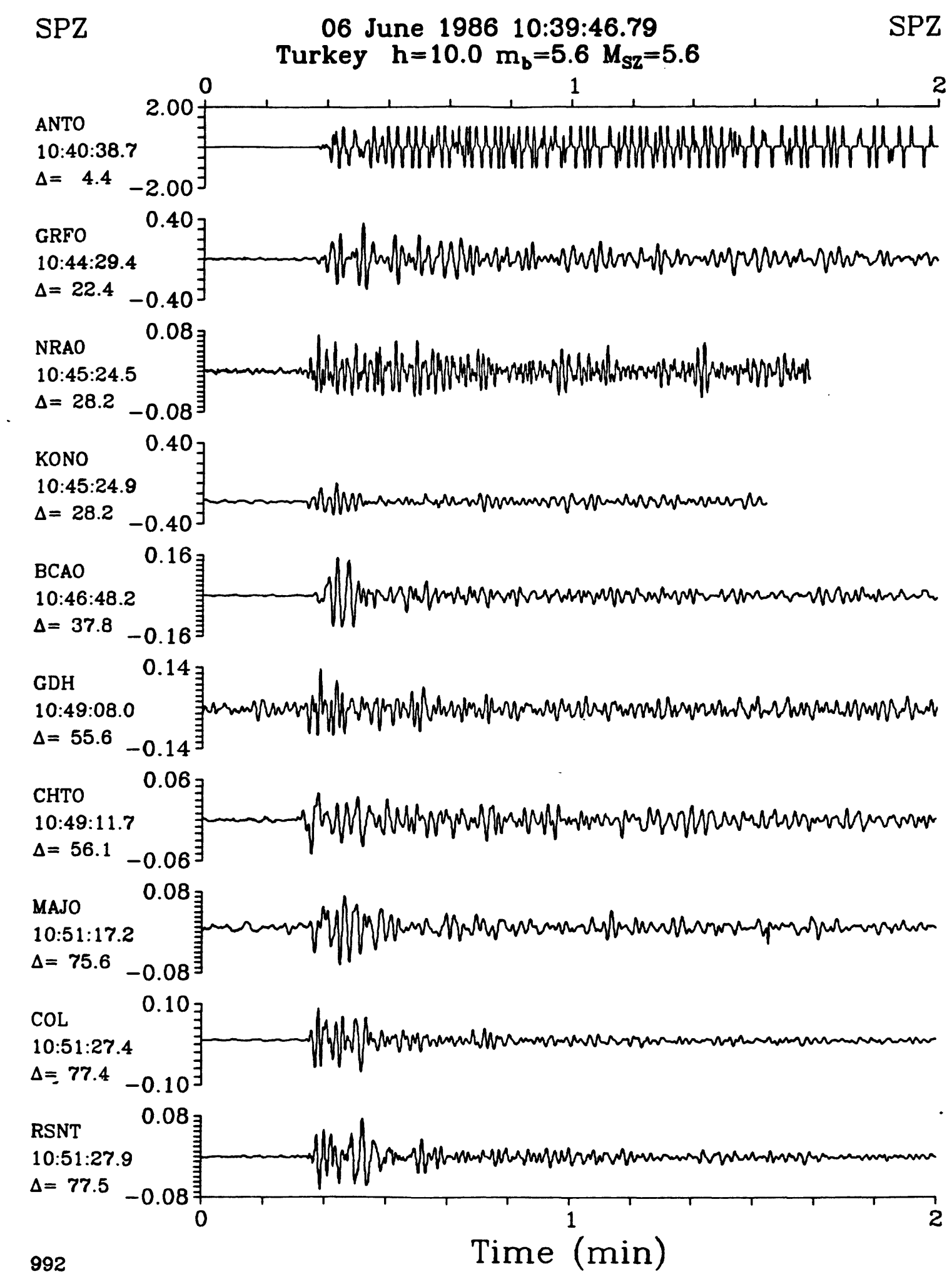

LPZ
03 June 1986 14:40:05.93
LPZ
Leyte, Philippine Islands h=33.0 m_b=5.7 M_{SZ}=5.7
0
10
20
30
40
50
RSNT
14:52:20.7
Δ= 93.8
2.0
-2.0
KONO
14:52:20.8
Δ= 93.8
4.0
-4.0
LON
14:57:11.5
Δ= 97.3
40.0
-40.0
GRFO
14:57:11.9
Δ= 97.5
3.0
-3.0
GDH
14:57:17.4
Δ=100.6
40.0
-40.0
SLR
14:57:18.6
Δ=101.3
3.0
-3.0
JAS1
14:57:19.4
Δ=101.7
70.0
-70.0
BCAO
14:57:27.7
Δ=106.2
3.0
-3.0
RSSD
14:57:33.6
Δ=109.4
1.0
-1.0
RSON
14:57:34.8
Δ=110.0
0.9
-0.9
0
10
20
30
40
50
Time (min)
989


LPZ
03 June 1986 14:40:05.93
LPZ
Leyte, Philippine Islands h=33.0 m_b=5.7 M_{SZ}=5.7
TOL
14:57:38.2
Δ=111.8
ANMO
14:57:40.6
Δ=113.1
GAC
14:57:55.7
Δ=120.9
RSNY
14:57:58.2
Δ=122.3
RSCP
14:58:04.3
Δ=125.5
ZOBO
14:59:07.1
Δ=165.1
0.3
-0.3
2.0
-2.0
2.0
-2.0
2.0
-2.0
1.0
-1.0
0.7
-0.7
0
10
20
30
40
50
Time (min)

06 June 1986 10:39:46.79

Turkey

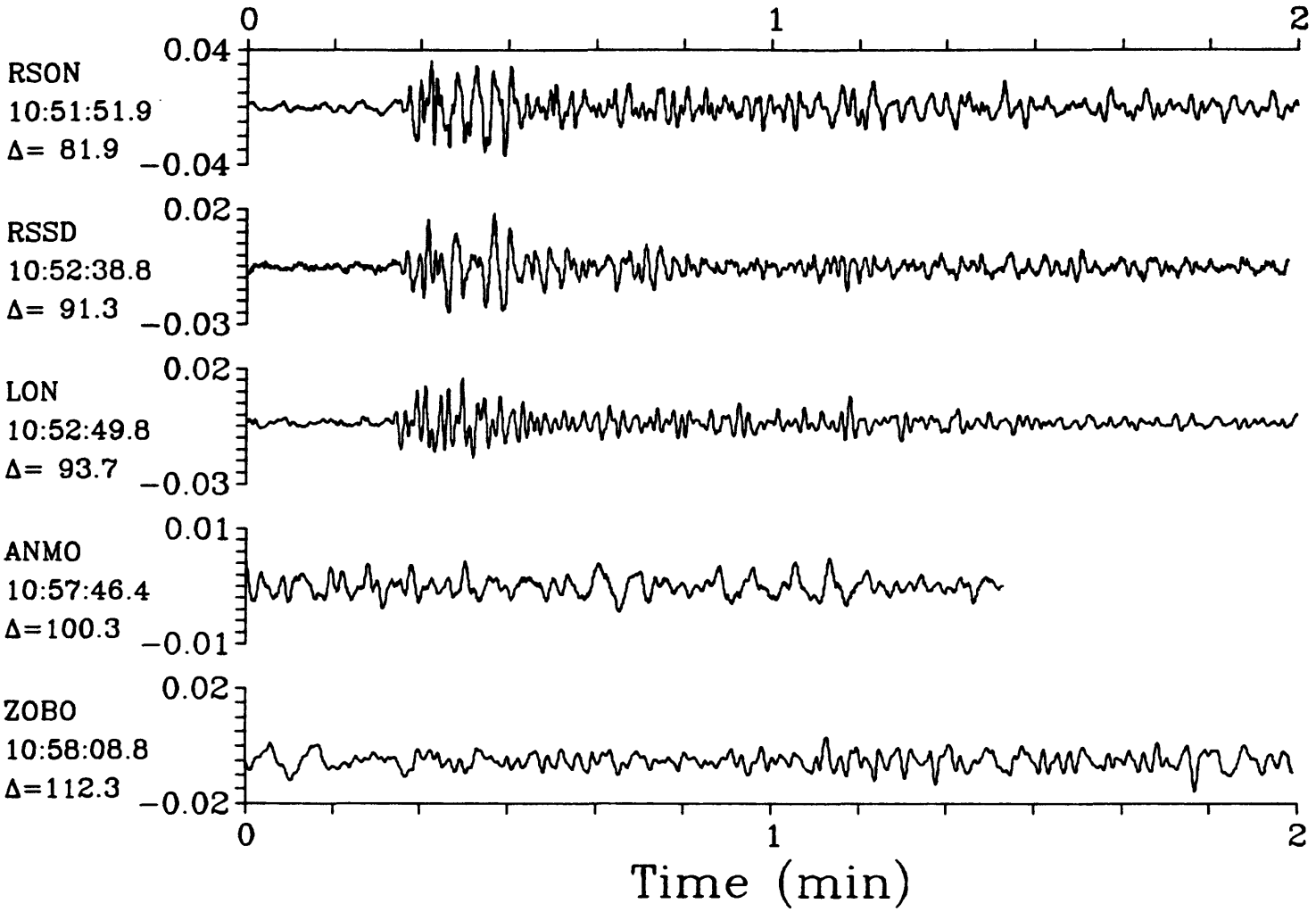


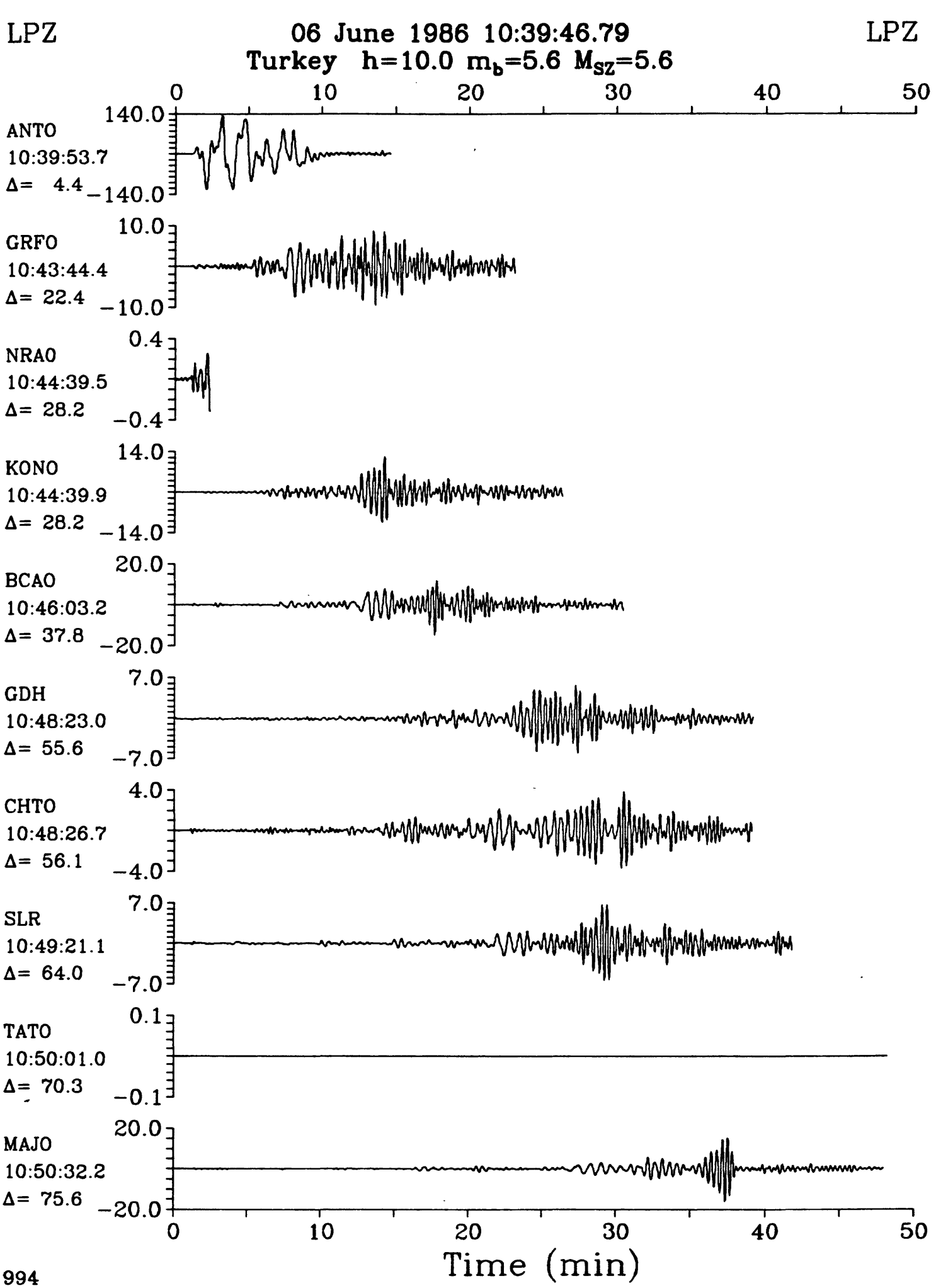

SPZ
06 June 1986 10:39:46.79
Turkey h=10.0 m_b=5.6 M_{SZ}=5.6
SPZ
0
1
2
ANTO
10:40:38.7
Δ= 4.4
2.00
-2.00
GRFO
10:44:29.4
Δ= 22.4
0.40
-0.40
NRAO
10:45:24.5
Δ= 28.2
0.08
-0.08
KONO
10:45:24.9
Δ= 28.2
0.40
-0.40
BCAO
10:46:48.2
Δ= 37.8
0.16
-0.16
GDH
10:49:08.0
Δ= 55.6
0.14
-0.14
CHTO
10:49:11.7
Δ= 56.1
0.06
-0.06
MAJO
10:51:17.2
Δ= 75.6
0.08
-0.08
COL
10:51:27.4
Δ= 77.4
0.10
-0.10
RSNT
10:51:27.9
Δ= 77.5
0.08
-0.08
0
1
2
Time (min)

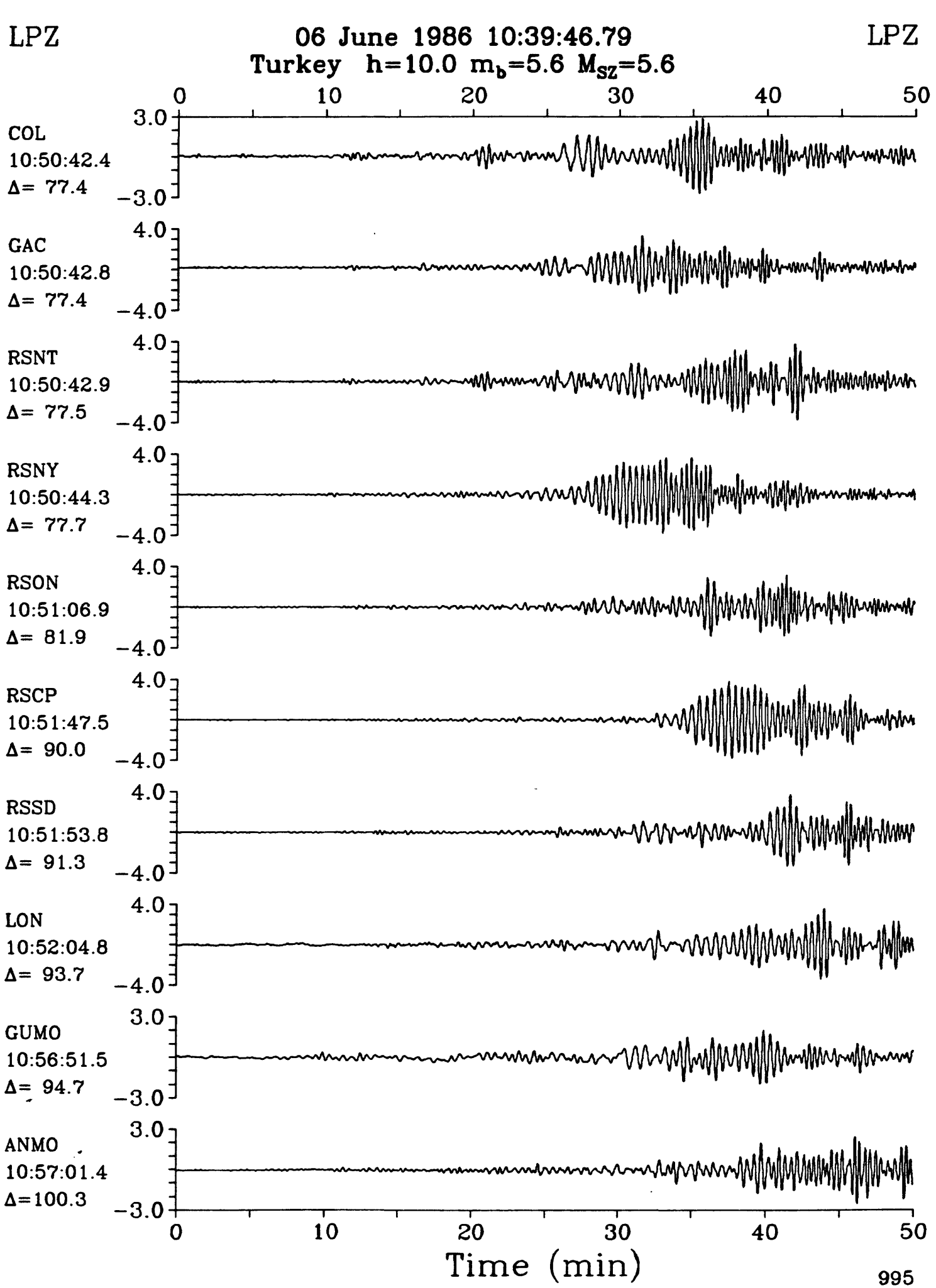
SPZ

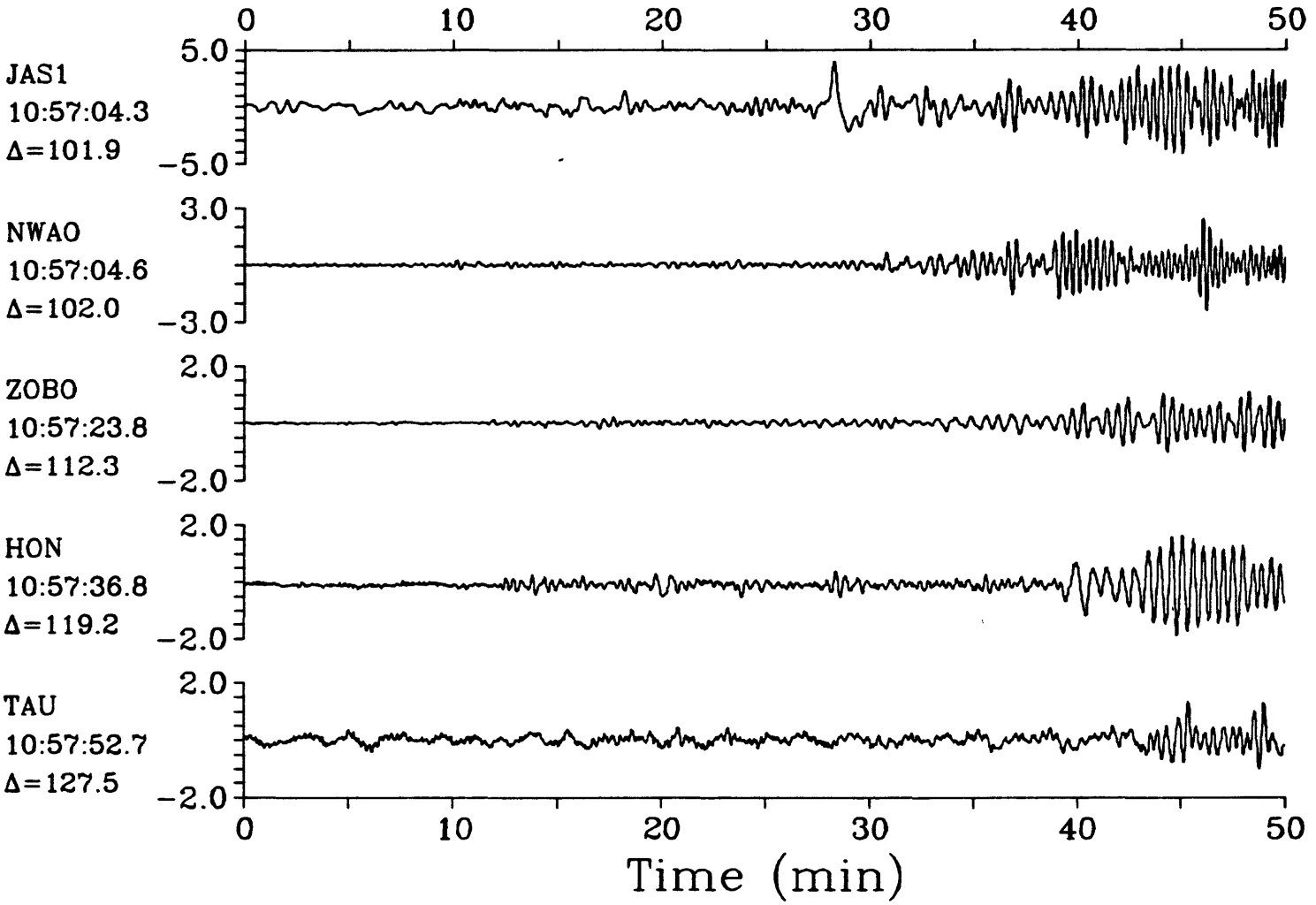
06 June 1986 10:39:46.79
Turkey h=10.0 m_b=5.6 M_{SZ}=5.6

SPZ



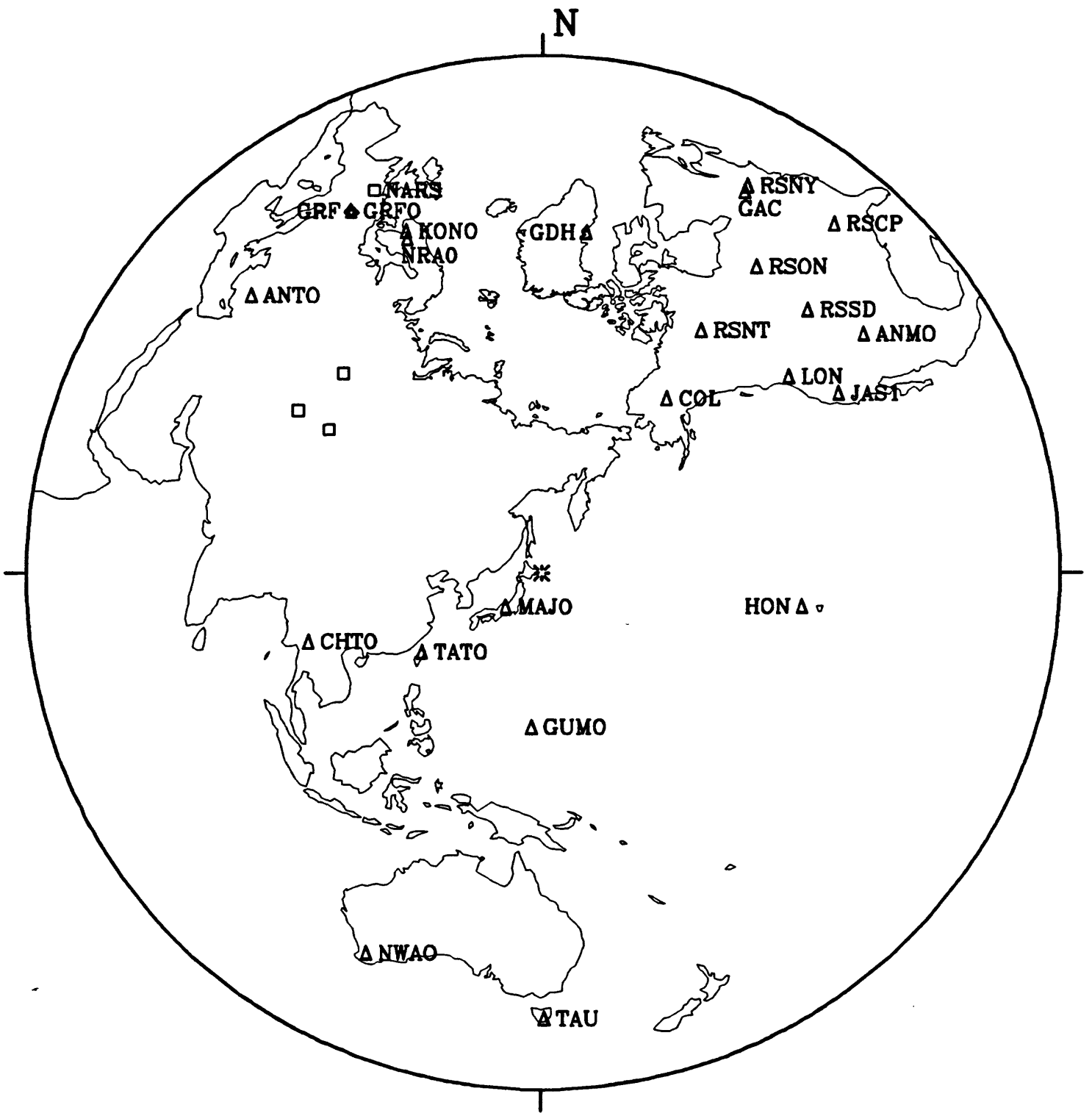

LPZ
06 June 1986 10:39:46.79
LPZ
Turkey h=10.0 m_b=5.6 M_{SZ}=5.6
0
10
20
30
40
50
ANTO
10:39:53.7
Δ= 4.4
140.0
-140.0
GRFO
10:43:44.4
Δ= 22.4
10.0
-10.0
NRAO
10:44:39.5
Δ= 28.2
0.4
-0.4
KONO
10:44:39.9
Δ= 28.2
14.0
-14.0
BCAO
10:46:03.2
Δ= 37.8
20.0
-20.0
GDH
10:48:23.0
Δ= 55.6
7.0
-7.0
CHTO
10:48:26.7
Δ= 56.1
4.0
-4.0
SLR
10:49:21.1
Δ= 64.0
7.0
-7.0
TATO
10:50:01.0
Δ= 70.3
0.1
-0.1
MAJO
10:50:32.2
Δ= 75.6
20.0
-20.0
0
10
20
30
40
50
Time (min)

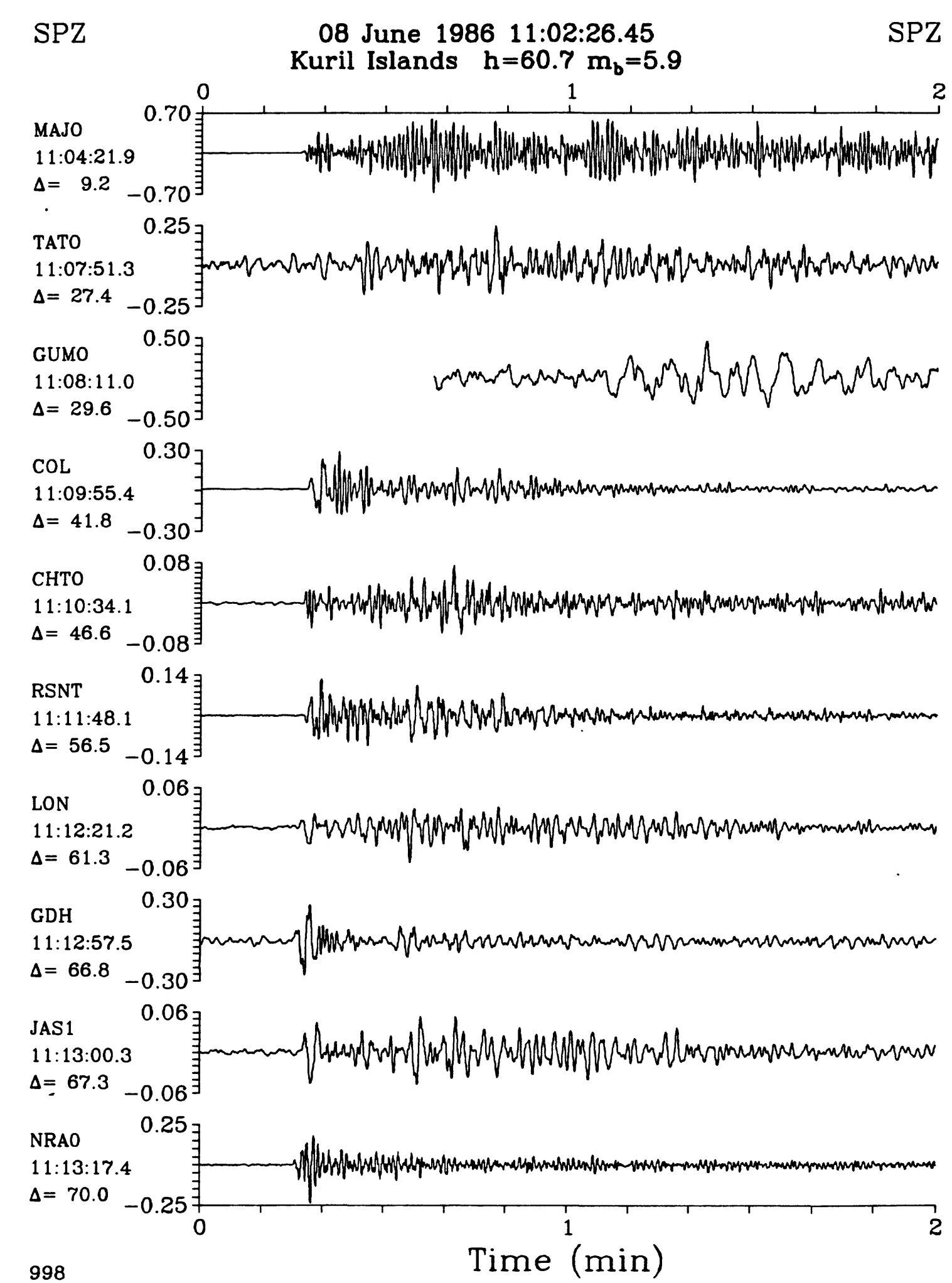

LPZ
06 June 1986 10:39:46.79
Turkey h=10.0 m_b=5.6 M_{SZ}=5.6
LPZ
0
10
20
30
40
50
COL
10:50:42.4
Δ= 77.4
3.0
-3.0
GAC
10:50:42.8
Δ= 77.4
4.0
-4.0
RSNT
10:50:42.9
Δ= 77.5
4.0
-4.0
RSNY
10:50:44.3
Δ= 77.7
4.0
-4.0
RSON
10:51:06.9
Δ= 81.9
4.0
-4.0
RSCP
10:51:47.5
Δ= 90.0
4.0
-4.0
RSSD
10:51:53.8
Δ= 91.3
4.0
-4.0
LON
10:52:04.8
Δ= 93.7
4.0
-4.0
GUMO
10:56:51.5
Δ= 94.7
3.0
-3.0
ANMO
10:57:01.4
Δ=100.3
3.0
-3.0
0
10
20
30
40
50
Time (min)
995


LPZ
06 June 1986 10:39:46.79
Turkey h=10.0 m_b=5.6 M_{SZ}=5.6
LPZ
0
10
20
30
40
50
JAS1
10:57:04.3
Δ=101.9
5.0
-5.0
NWAO
10:57:04.6
Δ=102.0
3.0
-3.0
ZOBO
10:57:23.8
Δ=112.3
2.0
-2.0
HON
10:57:36.8
Δ=119.2
2.0
-2.0
TAU
10:57:52.7
Δ=127.5
2.0
-2.0
Time (min)

08 June 1986 11:02:26.45

Kuril Islands

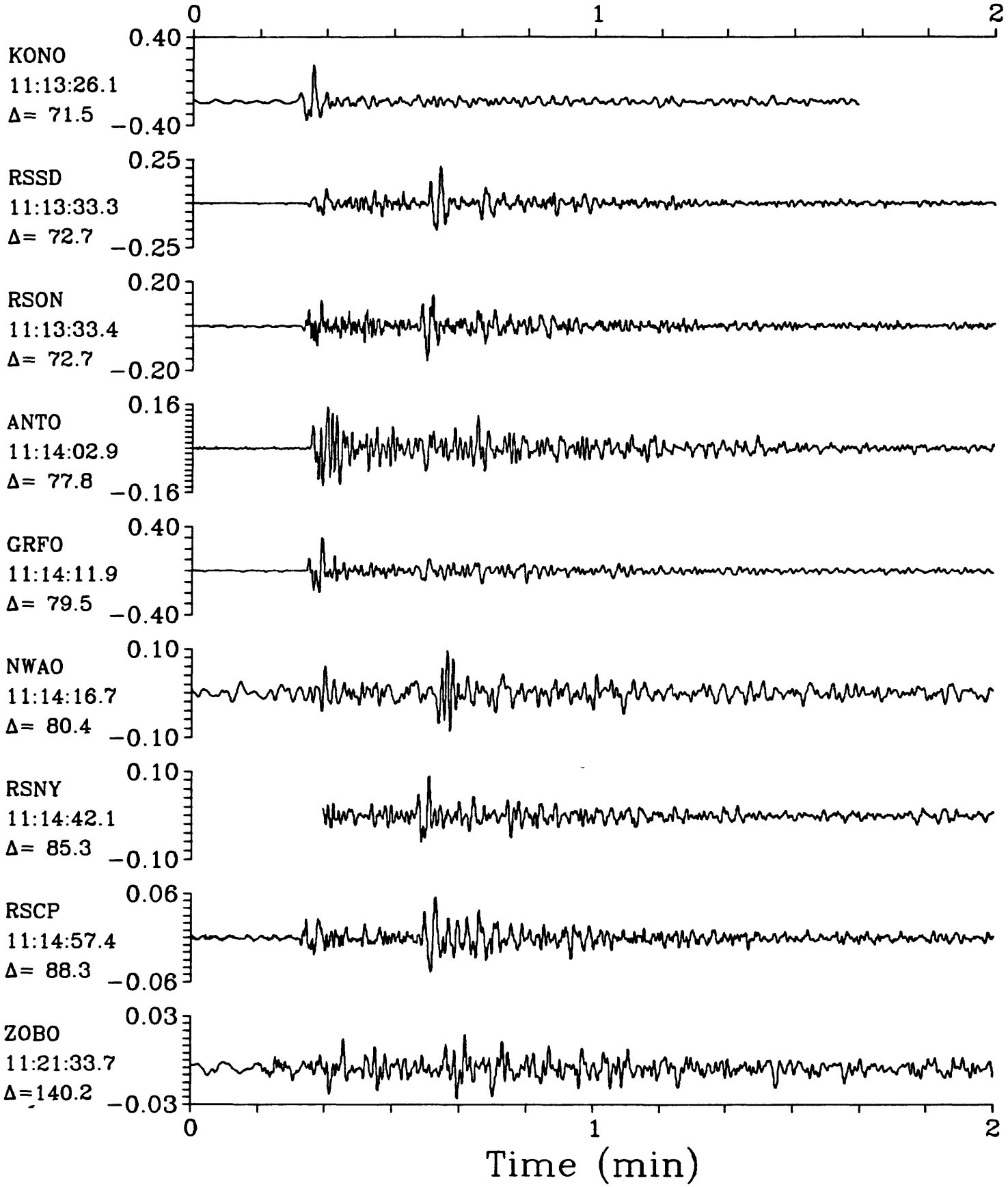


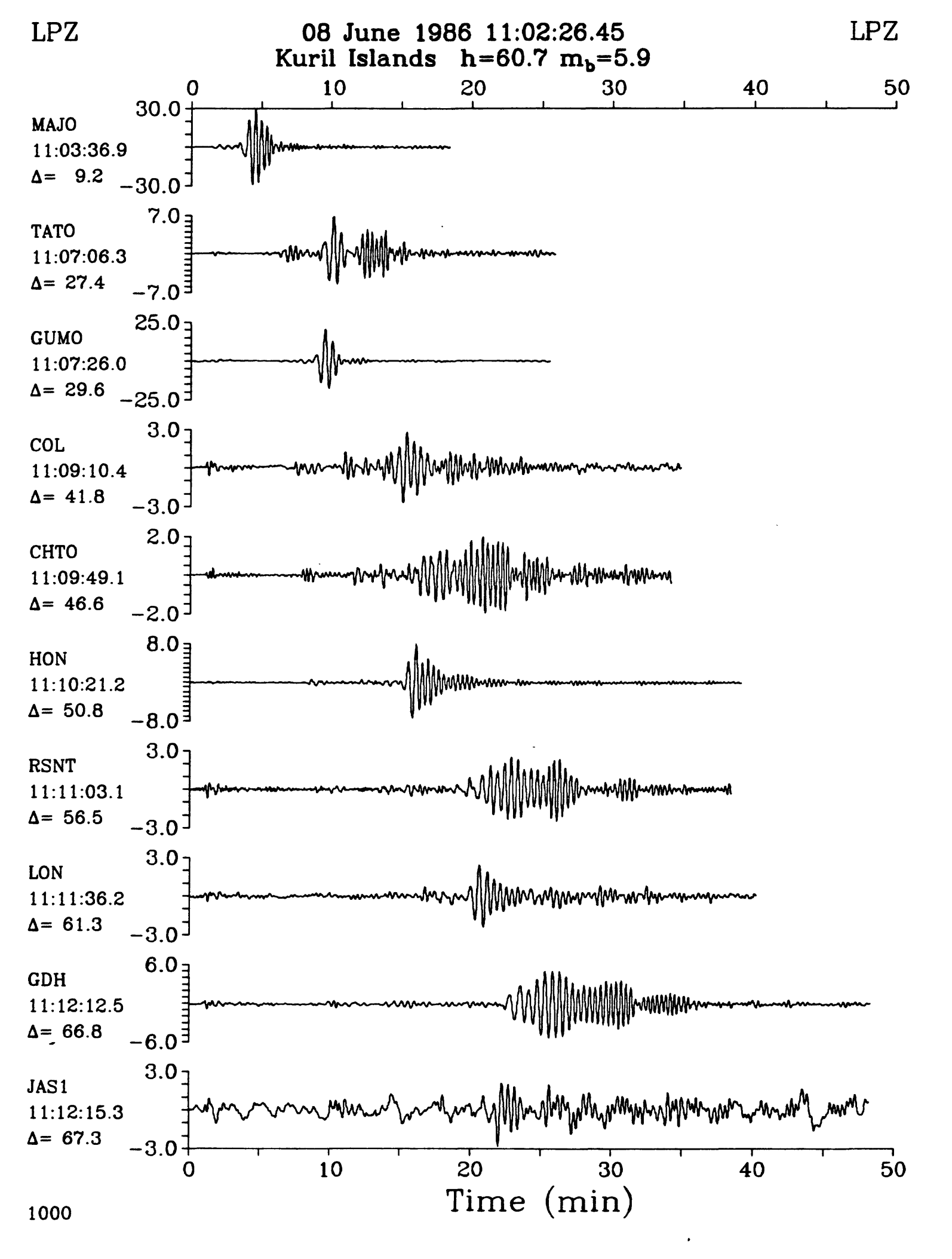

SPZ
08 June 1986 11:02:26.45
Kuril Islands h=60.7 m_b=5.9
SPZ
0
1
2
MAJO
11:04:21.9
Δ= 9.2
0.70
−0.70
TATO
11:07:51.3
Δ= 27.4
0.25
−0.25
GUMO
11:08:11.0
Δ= 29.6
0.50
−0.50
COL
11:09:55.4
Δ= 41.8
0.30
−0.30
CHTO
11:10:34.1
Δ= 46.6
0.08
−0.08
RSNT
11:11:48.1
Δ= 56.5
0.14
−0.14
LON
11:12:21.2
Δ= 61.3
0.06
−0.06
GDH
11:12:57.5
Δ= 66.8
0.30
−0.30
JAS1
11:13:00.3
Δ= 67.3
0.06
−0.06
NRA0
11:13:17.4
Δ= 70.0
0.25
−0.25
0
1
2
Time (min)
998

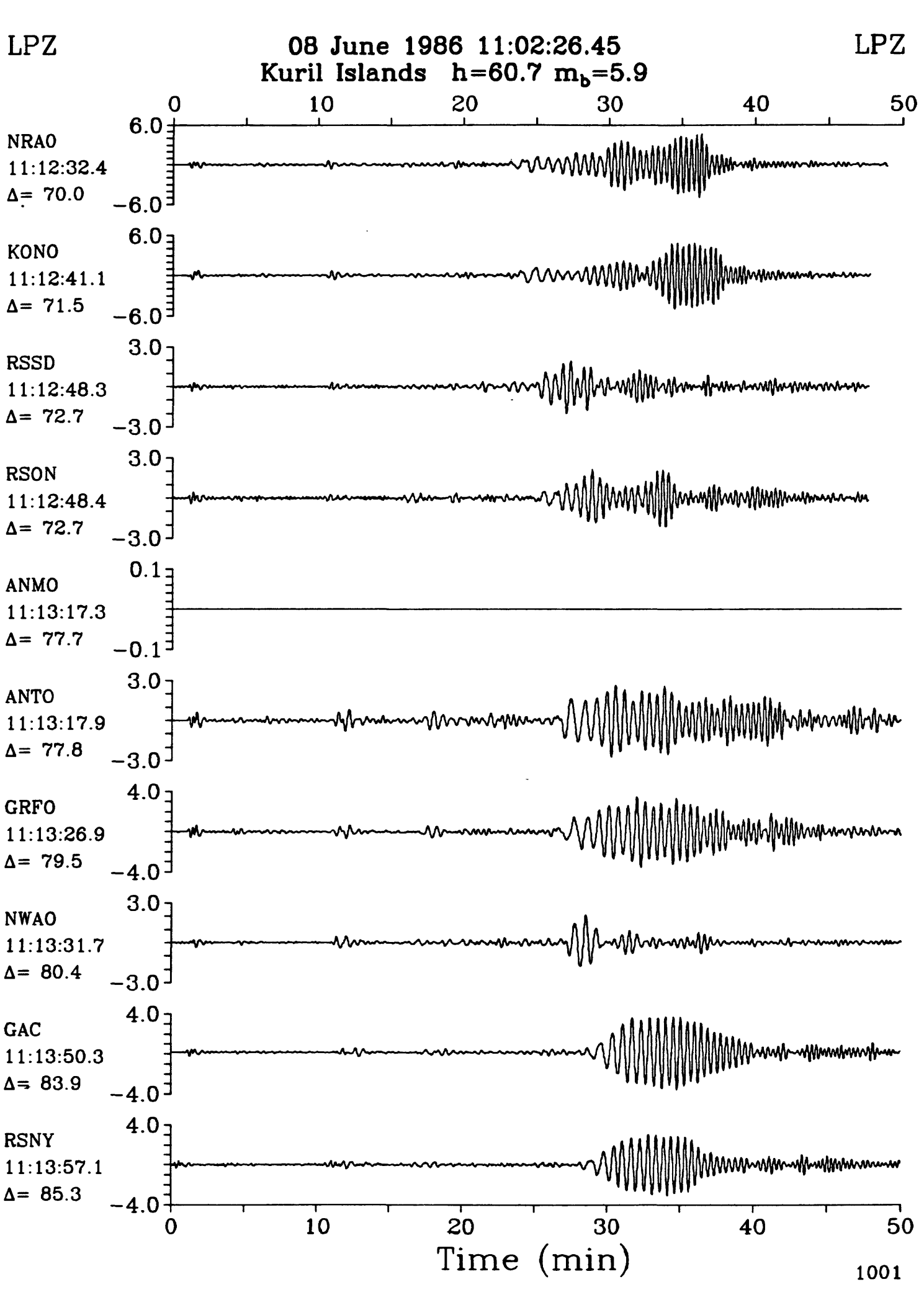
SPZ

08 June 1986 11:02:26.45
Kuril Islands h=60.7 m_b=5.9

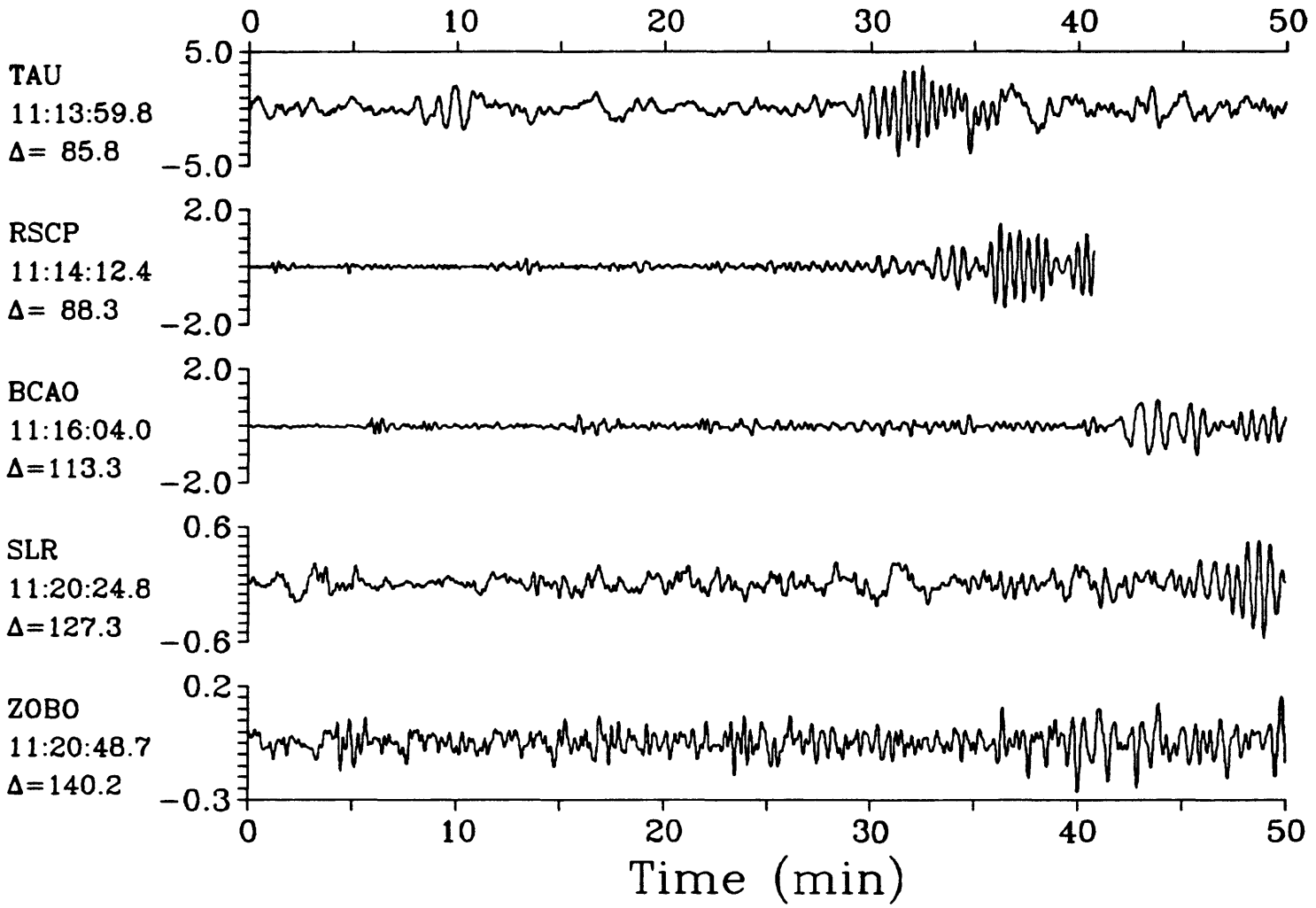
SPZ

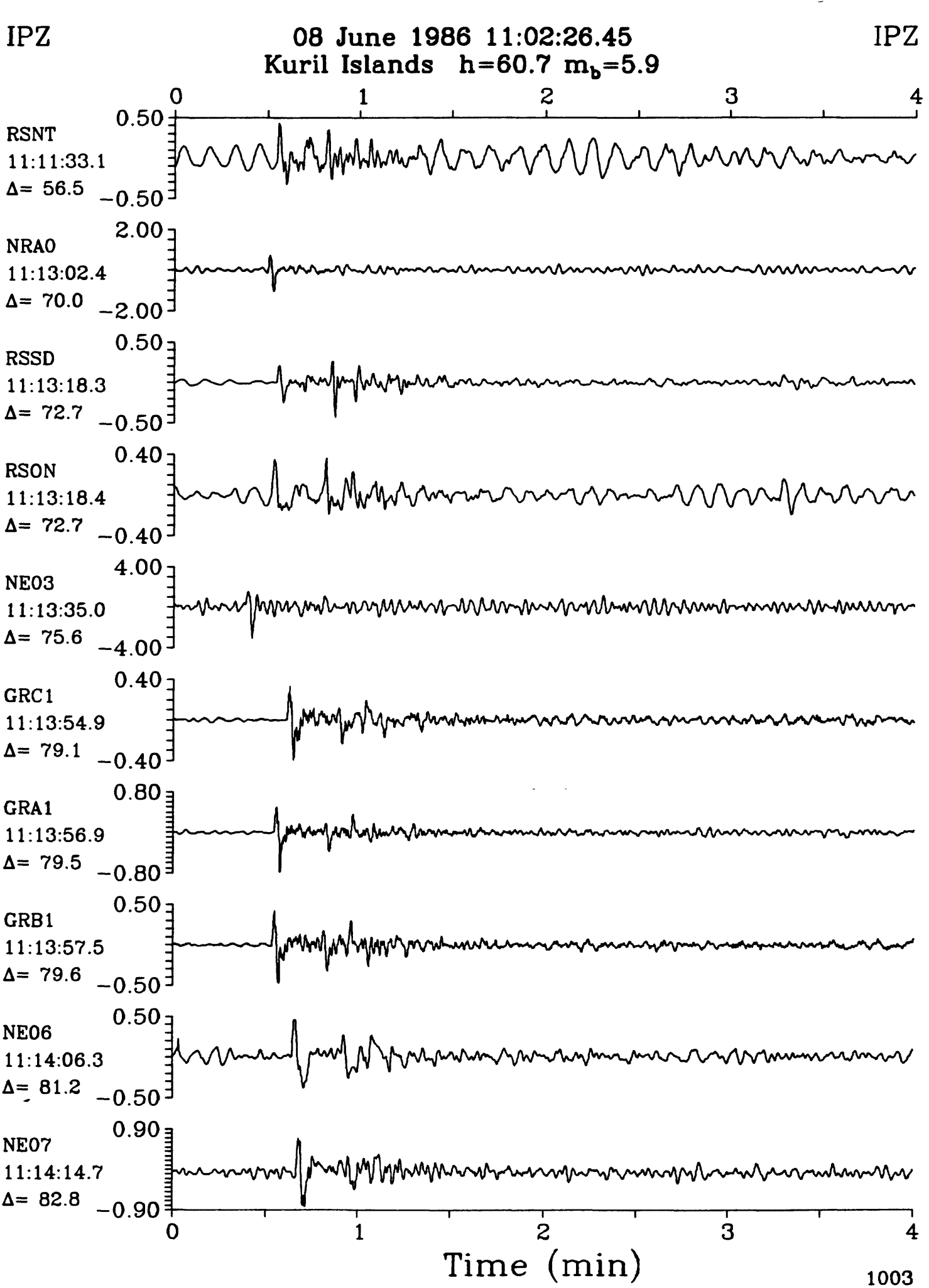



LPZ
08 June 1986 11:02:26.45
Kuril Islands h=60.7 m_b=5.9
LPZ
0
10
20
30
40
50
MAJO
11:03:36.9
Δ= 9.2
30.0
-30.0
TATO
11:07:06.3
Δ= 27.4
7.0
-7.0
GUMO
11:07:26.0
Δ= 29.6
25.0
-25.0
COL
11:09:10.4
Δ= 41.8
3.0
-3.0
CHTO
11:09:49.1
Δ= 46.6
2.0
-2.0
HON
11:10:21.2
Δ= 50.8
8.0
-8.0
RSNT
11:11:03.1
Δ= 56.5
3.0
-3.0
LON
11:11:36.2
Δ= 61.3
3.0
-3.0
GDH
11:12:12.5
Δ= 66.8
6.0
-6.0
JAS1
11:12:15.3
Δ= 67.3
3.0
-3.0
0
10
20
30
40
50
Time (min)
1000


LPZ
08 June 1986 11:02:26.45
Kuril Islands h=60.7 m_b=5.9
LPZ
0
10
20
30
40
50
NRAO
11:12:32.4
Δ= 70.0
6.0
-6.0
KONO
11:12:41.1
Δ= 71.5
6.0
-6.0
RSSD
11:12:48.3
Δ= 72.7
3.0
-3.0
RSON
11:12:48.4
Δ= 72.7
3.0
-3.0
ANMO
11:13:17.3
Δ= 77.7
0.1
-0.1
ANTO
11:13:17.9
Δ= 77.8
3.0
-3.0
GRFO
11:13:26.9
Δ= 79.5
4.0
-4.0
NWAO
11:13:31.7
Δ= 80.4
3.0
-3.0
GAC
11:13:50.3
Δ= 83.9
4.0
-4.0
RSNY
11:13:57.1
Δ= 85.3
4.0
-4.0
0
10
20
30
40
50
Time (min)
1001

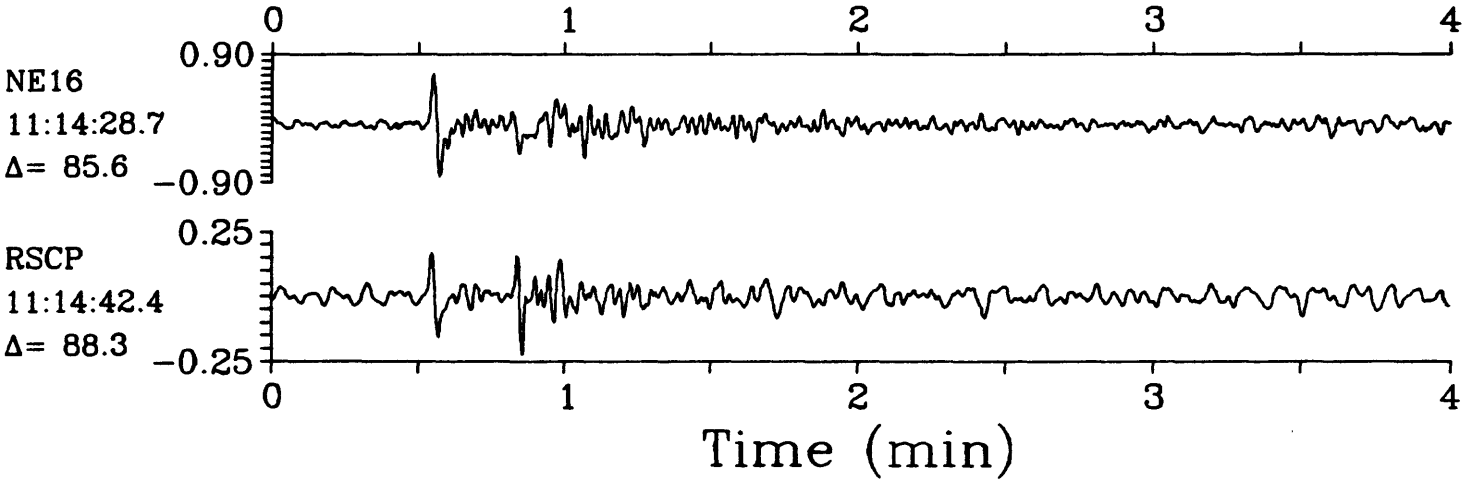
LPZ


08 June 1986 11:02:26.45
Kuril Islands h=60.7 m_b=5.9
TAU
11:13:59.8
Δ= 85.8
RSCP
11:14:12.4
Δ= 88.3
BCAO
11:16:04.0
Δ=113.3
SLR
11:20:24.8
Δ=127.3
ZOBO
11:20:48.7
Δ=140.2
5.0
-5.0
2.0
-2.0
2.0
-2.0
0.6
-0.6
0.2
-0.3
0
10
20
30
40
50
Time (min)


IPZ
08 June 1986 11:02:26.45
Kuril Islands h=60.7 m_b=5.9
IPZ
0
1
2
3
4
RSNT
11:11:33.1
Δ= 56.5
0.50
-0.50
NRA0
11:13:02.4
Δ= 70.0
2.00
-2.00
RSSD
11:13:18.3
Δ= 72.7
0.50
-0.50
RSON
11:13:18.4
Δ= 72.7
0.40
-0.40
NE03
11:13:35.0
Δ= 75.6
4.00
-4.00
GRC1
11:13:54.9
Δ= 79.1
0.40
-0.40
GRA1
11:13:56.9
Δ= 79.5
0.80
-0.80
GRB1
11:13:57.5
Δ= 79.6
0.50
-0.50
NE06
11:14:06.3
Δ= 81.2
0.50
-0.50
NE07
11:14:14.7
Δ= 82.8
0.90
-0.90
0
1
2
3
4
Time (min)
1003

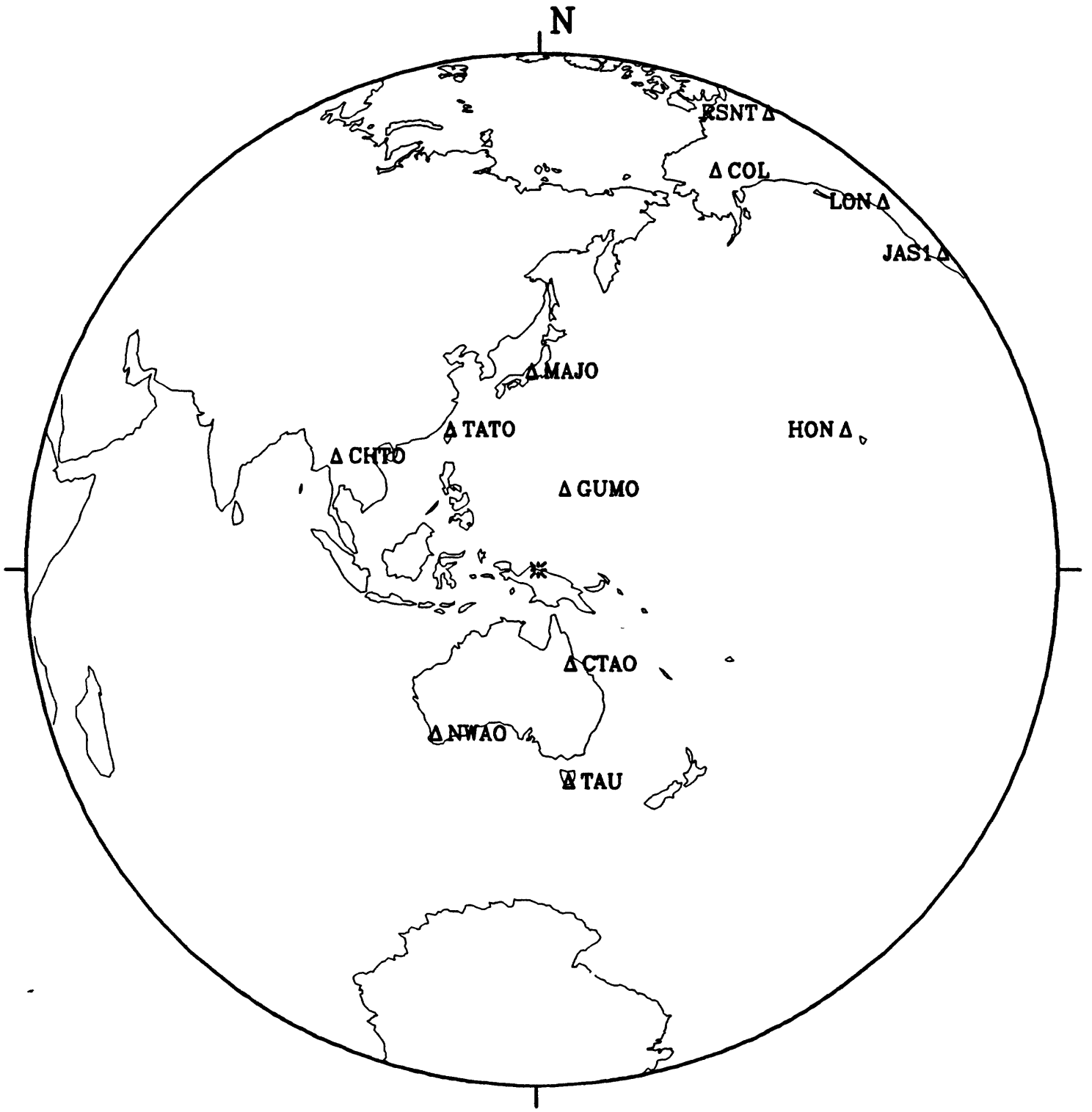
08 June 1986 11:02:26.45
Kuril Islands h=60.7 m_b=5.9

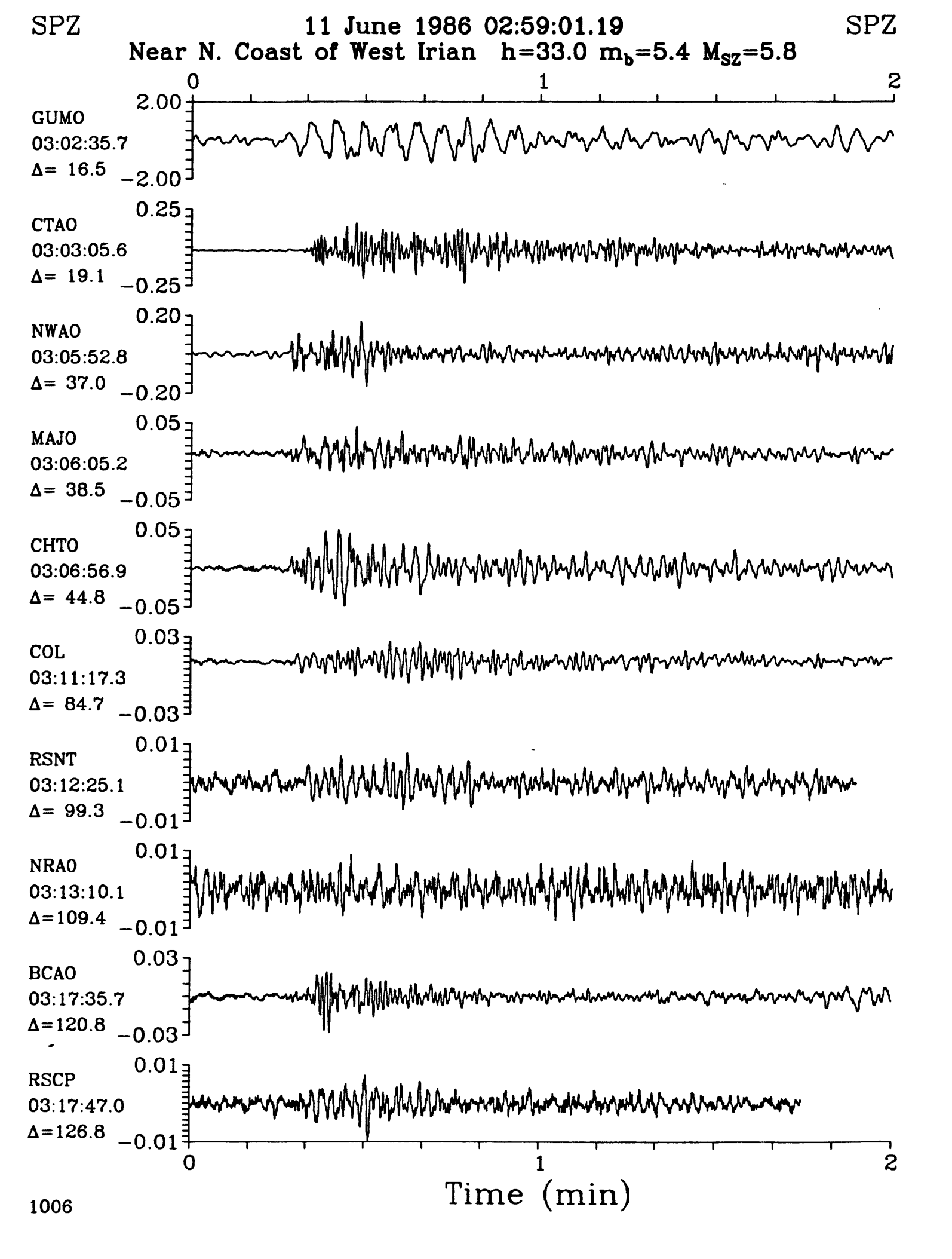
IPZ



11 June 1986 02:59:01.19

Near N. Coast of West Irian



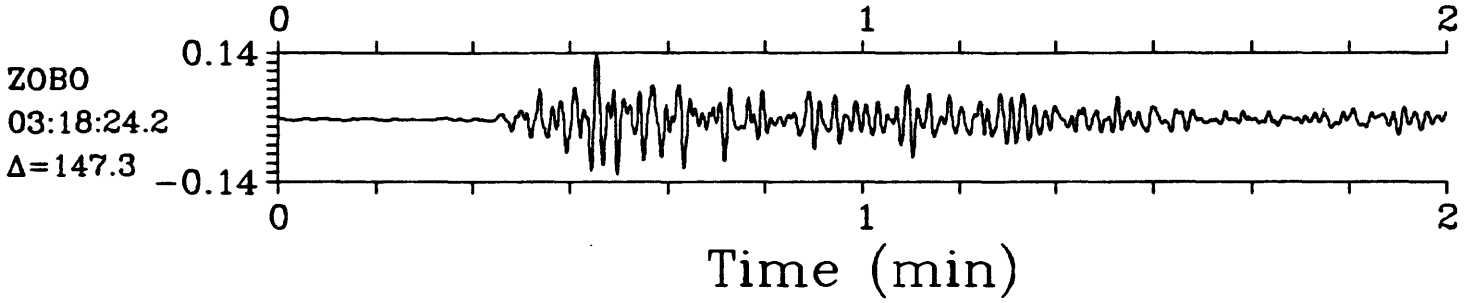

SPZ
11 June 1986 02:59:01.19
SPZ
Near N. Coast of West Irian h=33.0 m_b=5.4 M_{SZ}=5.8
0
1
2
GUMO
03:02:35.7
Δ= 16.5
2.00
-2.00
CTAO
03:03:05.6
Δ= 19.1
0.25
-0.25
NWAO
03:05:52.8
Δ= 37.0
0.20
-0.20
MAJO
03:06:05.2
Δ= 38.5
0.05
-0.05
CHTO
03:06:56.9
Δ= 44.8
0.05
-0.05
COL
03:11:17.3
Δ= 84.7
0.03
-0.03
RSNT
03:12:25.1
Δ= 99.3
0.01
-0.01
NRAO
03:13:10.1
Δ=109.4
0.01
-0.01
BCAO
03:17:35.7
Δ=120.8
0.03
-0.03
RSCP
03:17:47.0
Δ=126.8
0.01
-0.01
0
1
2
Time (min)
1006

SPZ

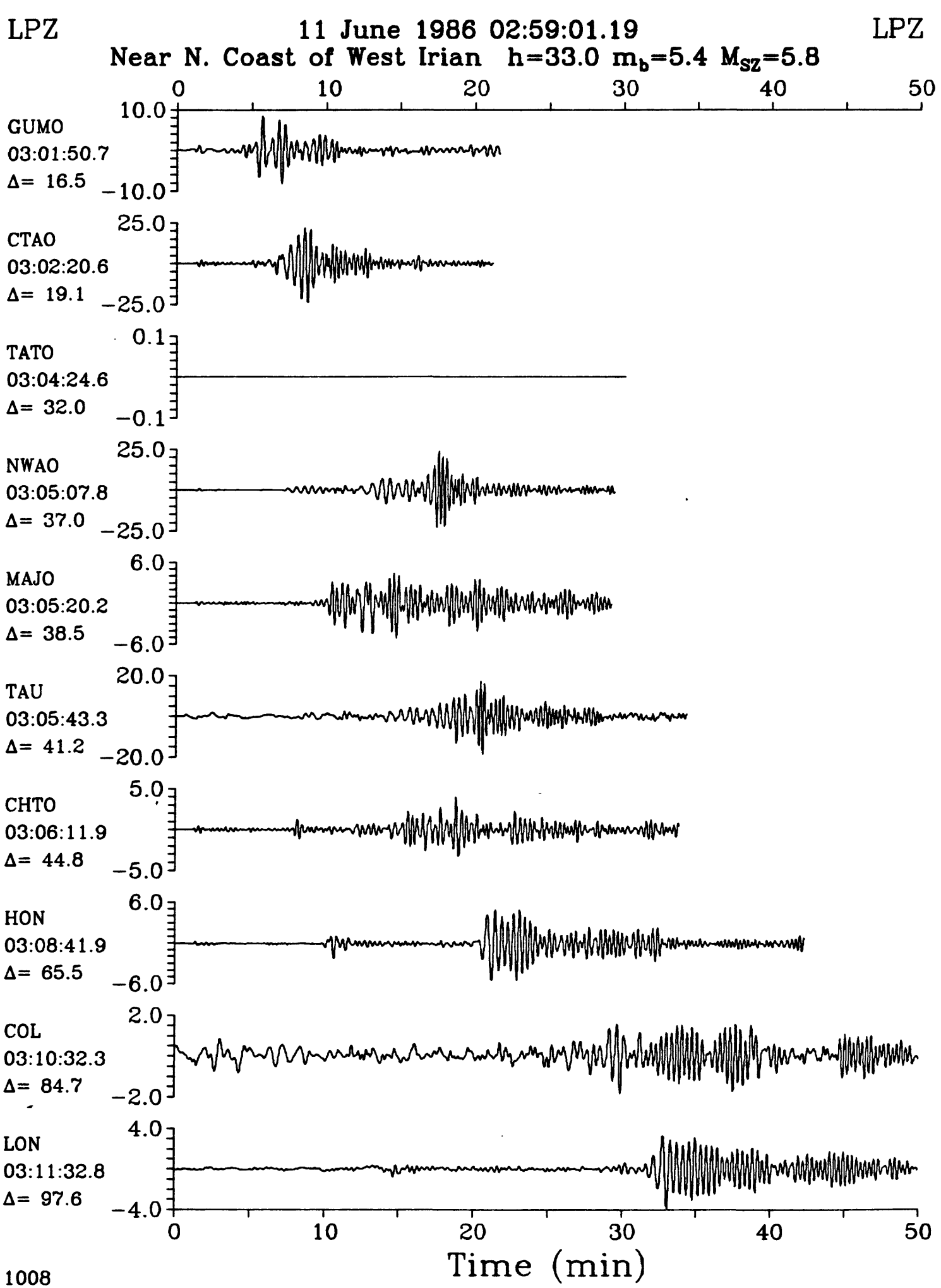
11 June 1986 02:59:01.19

SPZ

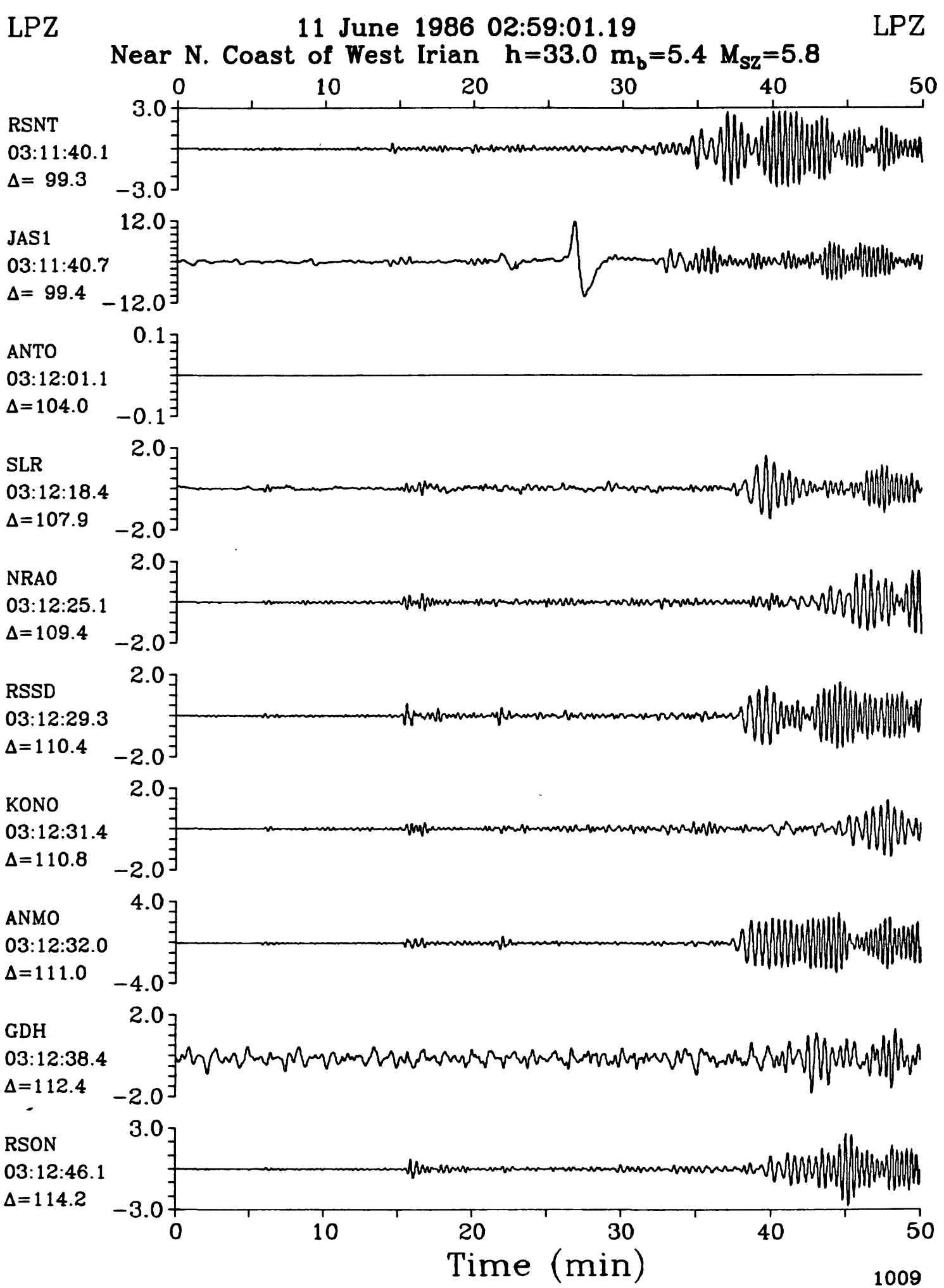
Near N. Coast of West Irian h=33.0 m_b=5.4 M_{SZ}=5.8



Time (min)


LPZ
11 June 1986 02:59:01.19
LPZ
Near N. Coast of West Irian h=33.0 m_b=5.4 M_{SZ}=5.8
0
10
20
30
40
50
GUMO
03:01:50.7
Δ= 16.5
10.0
-10.0
CTAO
03:02:20.6
Δ= 19.1
25.0
-25.0
TATO
03:04:24.6
Δ= 32.0
0.1
-0.1
NWAO
03:05:07.8
Δ= 37.0
25.0
-25.0
MAJO
03:05:20.2
Δ= 38.5
6.0
-6.0
TAU
03:05:43.3
Δ= 41.2
20.0
-20.0
CHTO
03:06:11.9
Δ= 44.8
5.0
-5.0
HON
03:08:41.9
Δ= 65.5
6.0
-6.0
COL
03:10:32.3
Δ= 84.7
2.0
-2.0
LON
03:11:32.8
Δ= 97.6
4.0
-4.0
0
10
20
30
40
50
Time (min)

1008

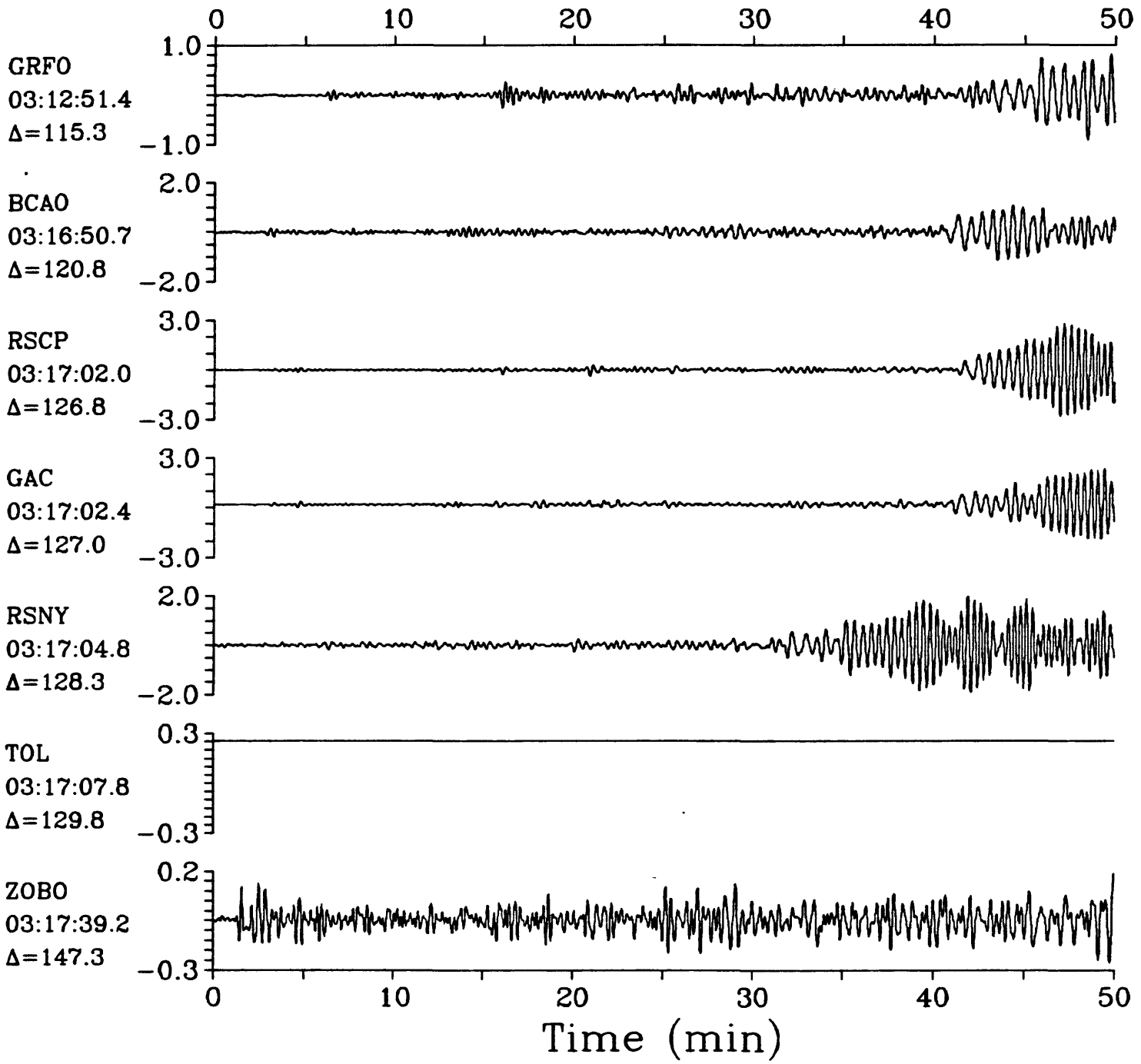

LPZ
11 June 1986 02:59:01.19
LPZ
Near N. Coast of West Irian h=33.0 m_b=5.4 M_{SZ}=5.8
0
10
20
30
40
50
RSNT
03:11:40.1
Δ= 99.3
3.0
-3.0
JAS1
03:11:40.7
Δ= 99.4
12.0
-12.0
ANTO
03:12:01.1
Δ=104.0
0.1
-0.1
SLR
03:12:18.4
Δ=107.9
2.0
-2.0
NRAO
03:12:25.1
Δ=109.4
2.0
-2.0
RSSD
03:12:29.3
Δ=110.4
2.0
-2.0
KONO
03:12:31.4
Δ=110.8
2.0
-2.0
ANMO
03:12:32.0
Δ=111.0
4.0
-4.0
GDH
03:12:38.4
Δ=112.4
2.0
-2.0
RSON
03:12:46.1
Δ=114.2
3.0
-3.0
0
10
20
30
40
50
Time (min)
1009

LPZ

11 June 1986 02:59:01.19

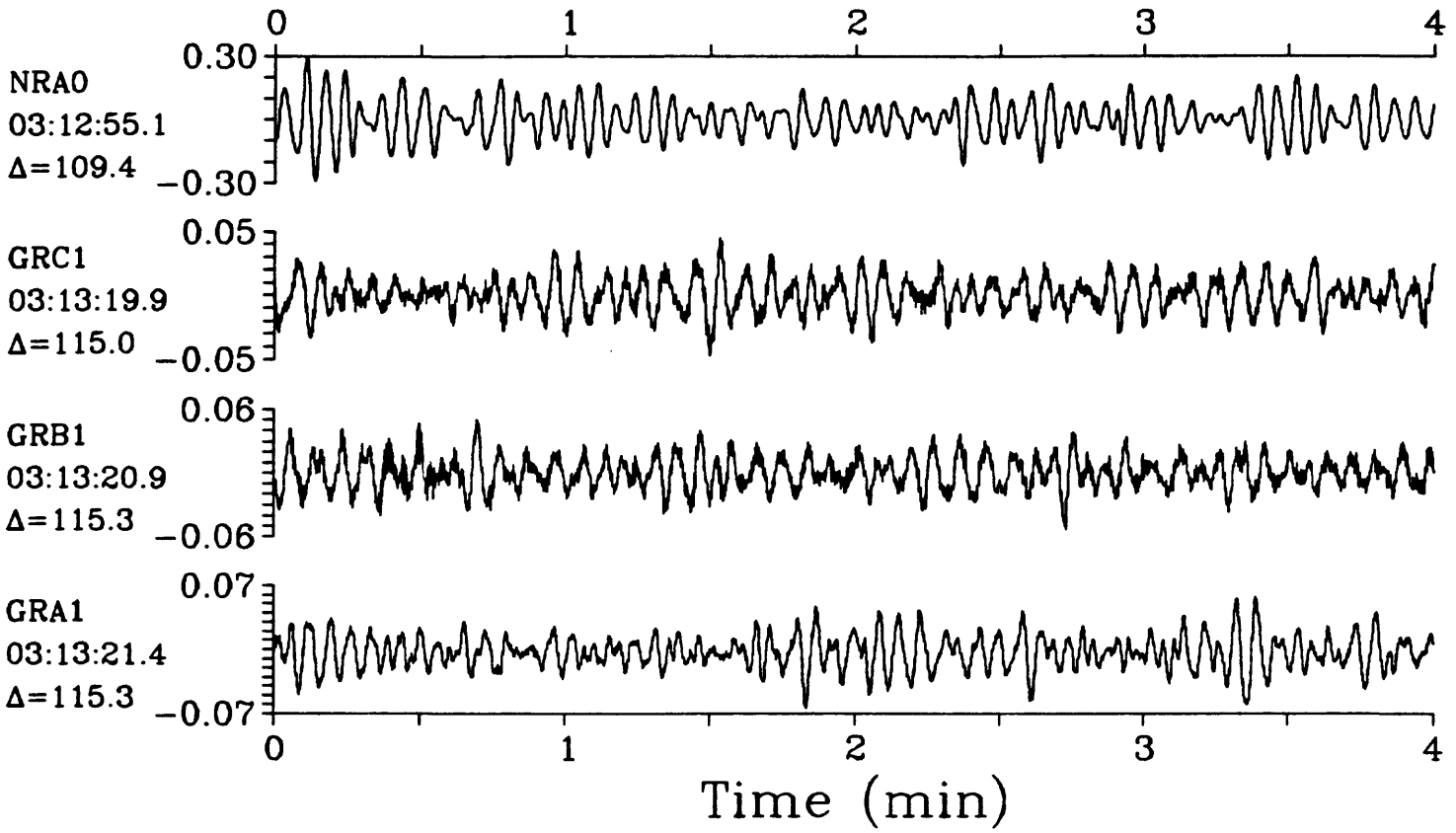
LPZ

Near N. Coast of West Irian h=33.0 m_b=5.4 M_{SZ}=5.8



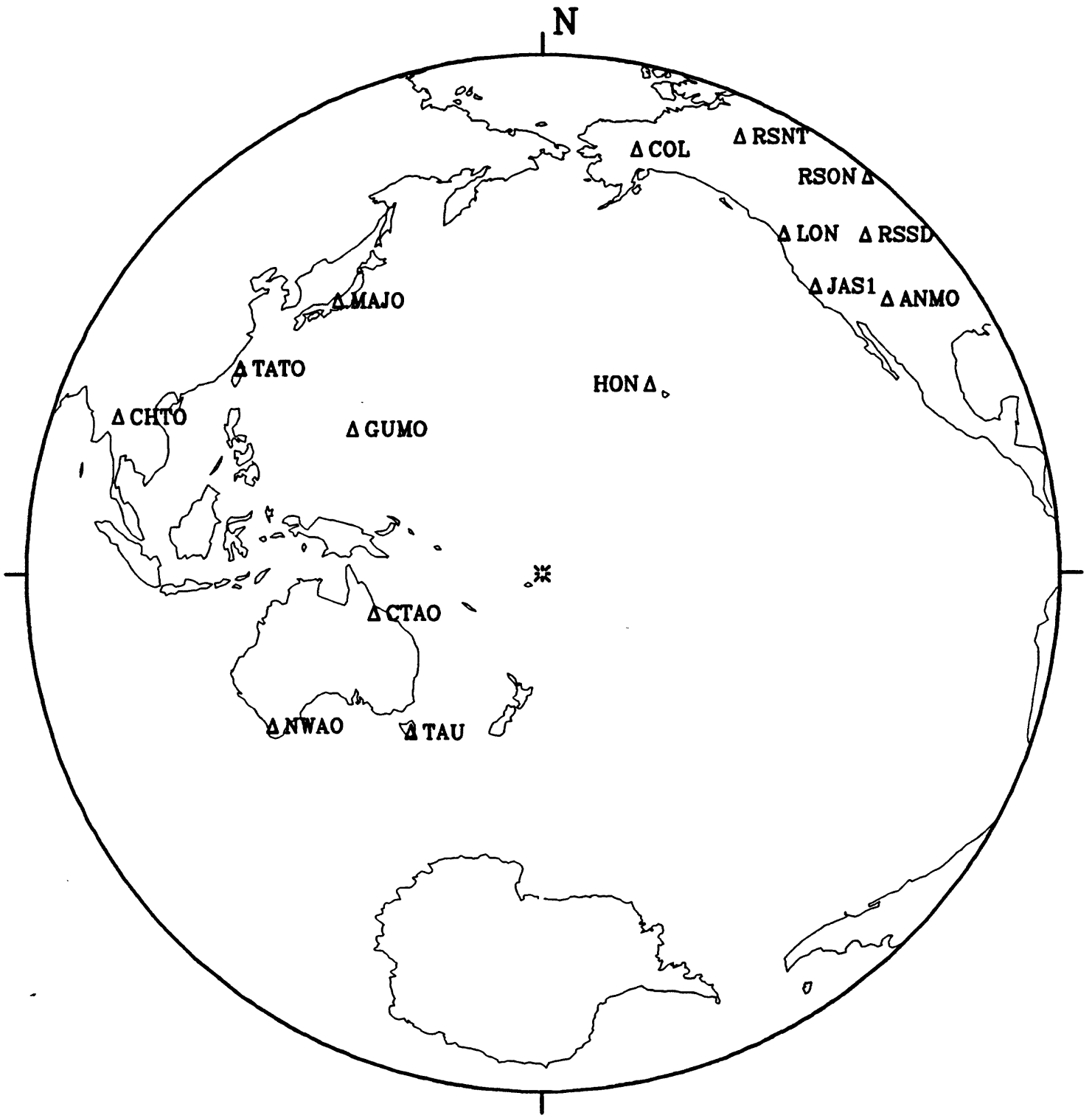
IPZ 11 June 1986 02:59:01.19 IPZ

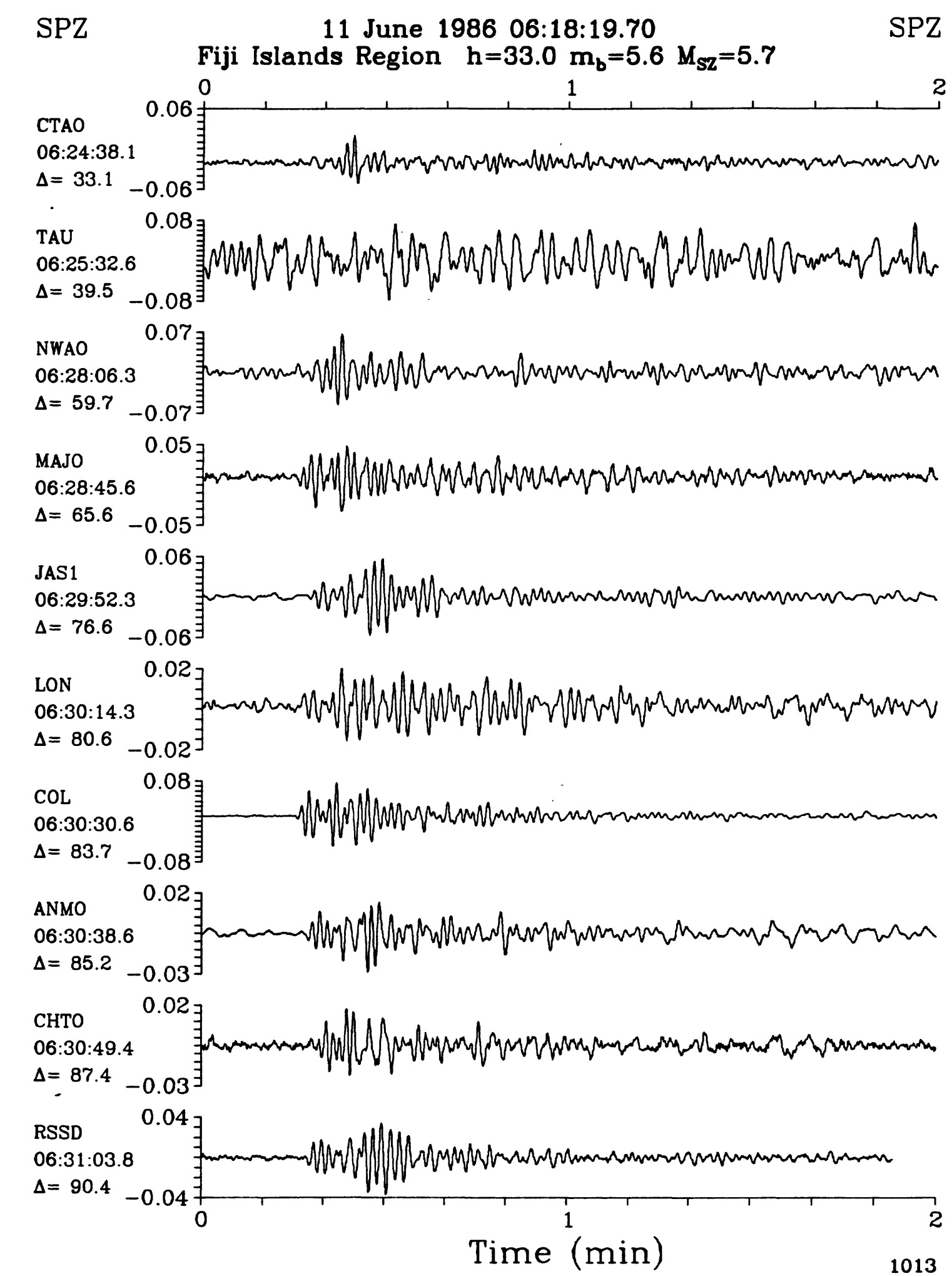
Near N. Coast of West Irian h=33.0 m_b=5.4 M_{SZ}=5.8



11 June 1986 06:18:19.70

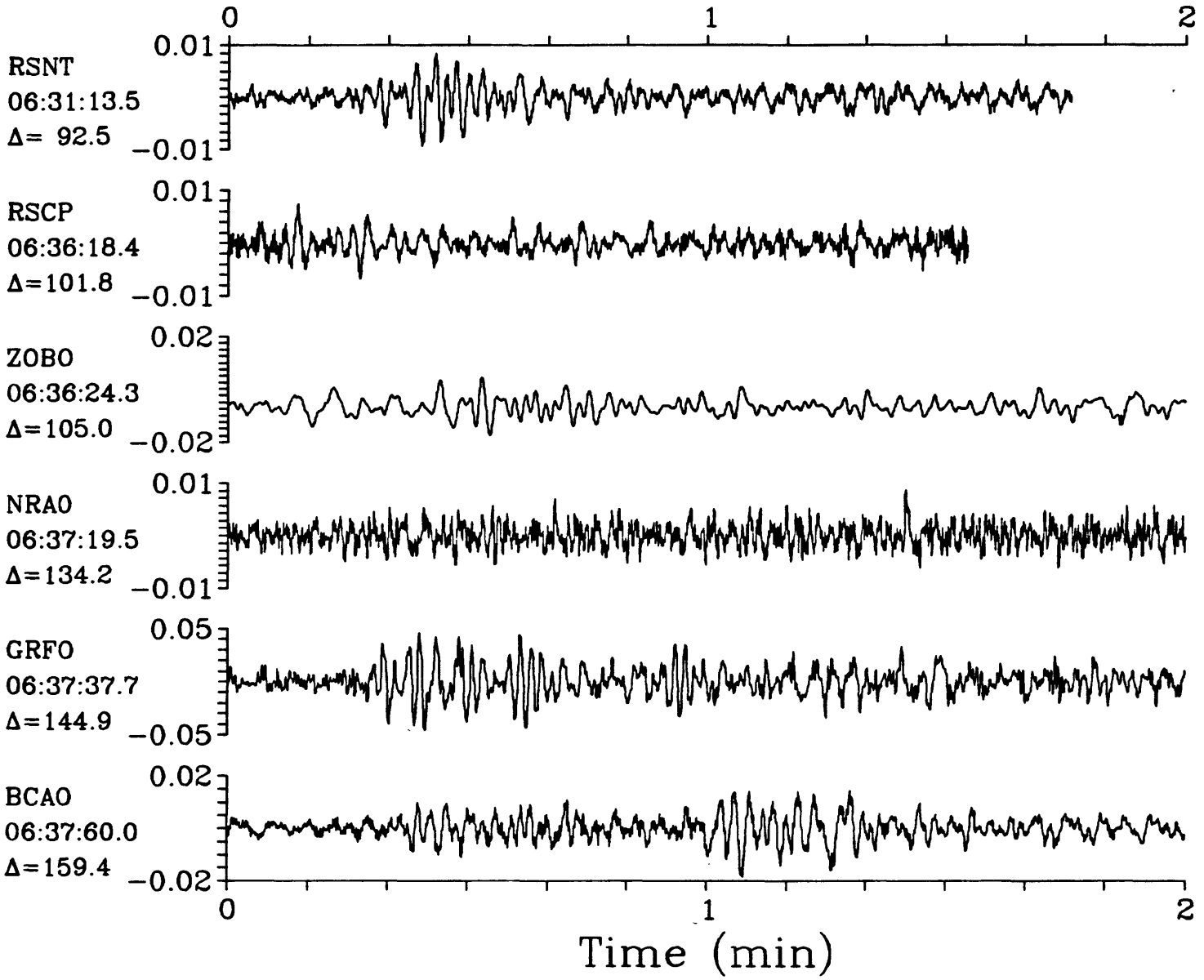
Fiji Islands Region

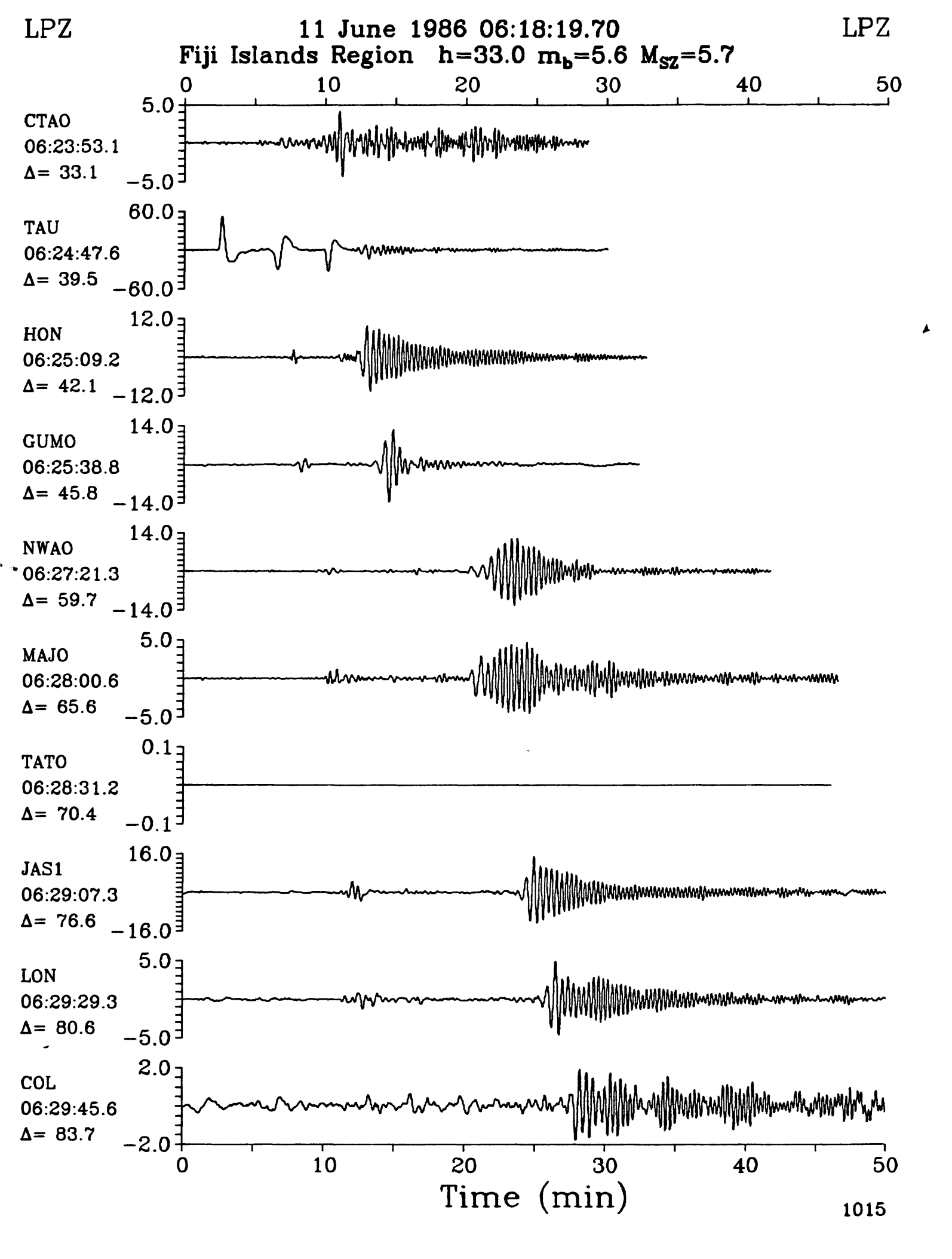


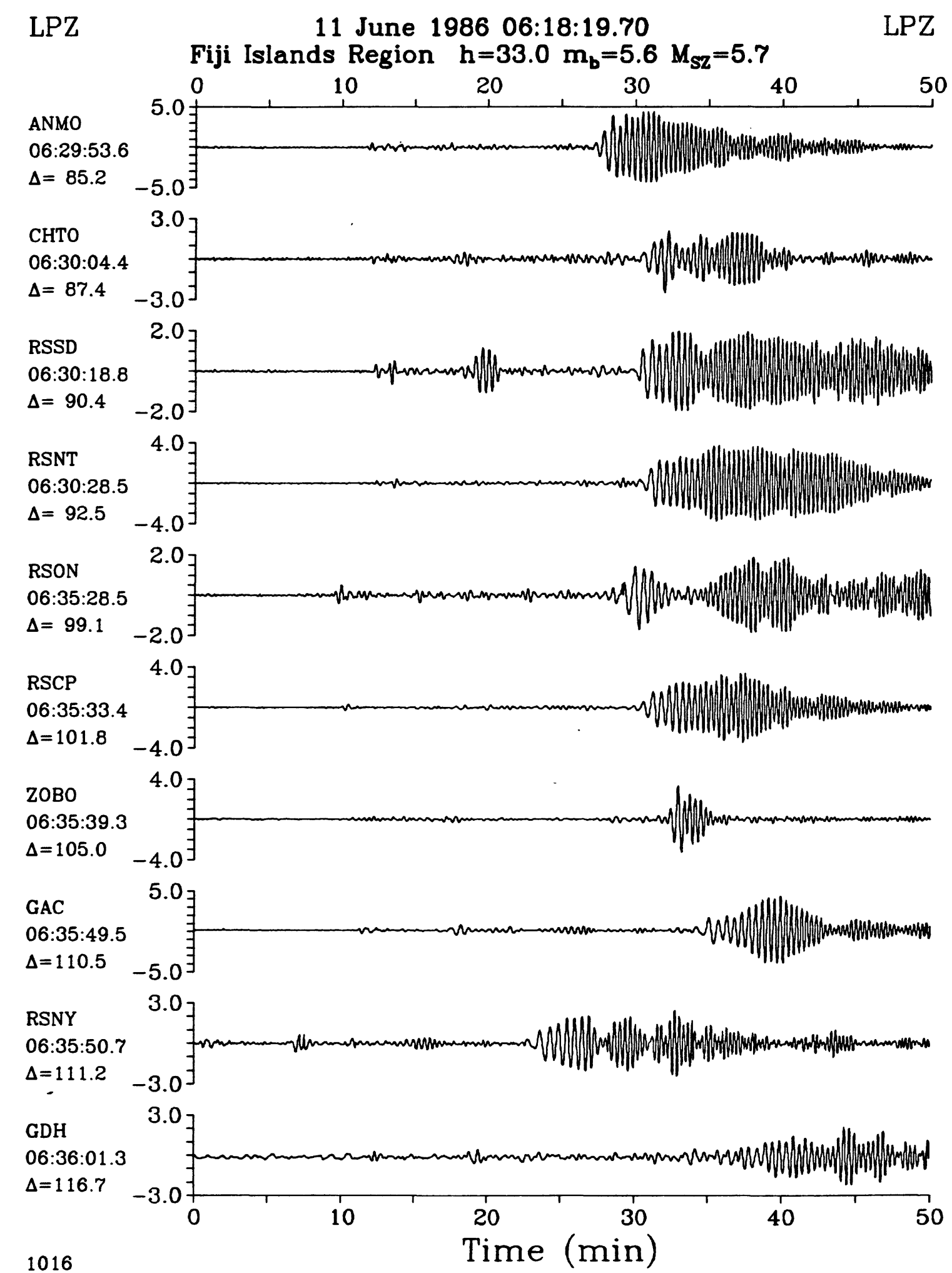

SPZ
11 June 1986 06:18:19.70
SPZ
Fiji Islands Region h=33.0 m_b=5.6 M_{SZ}=5.7
0
1
2
CTAO
06:24:38.1
Δ= 33.1
0.06
-0.06
TAU
06:25:32.6
Δ= 39.5
0.08
-0.08
NWAO
06:28:06.3
Δ= 59.7
0.07
-0.07
MAJO
06:28:45.6
Δ= 65.6
0.05
-0.05
JAS1
06:29:52.3
Δ= 76.6
0.06
-0.06
LON
06:30:14.3
Δ= 80.6
0.02
-0.02
COL
06:30:30.6
Δ= 83.7
0.08
-0.08
ANMO
06:30:38.6
Δ= 85.2
0.02
-0.03
CHTO
06:30:49.4
Δ= 87.4
0.02
-0.03
RSSD
06:31:03.8
Δ= 90.4
0.04
-0.04
0
1
2
Time (min)
1013

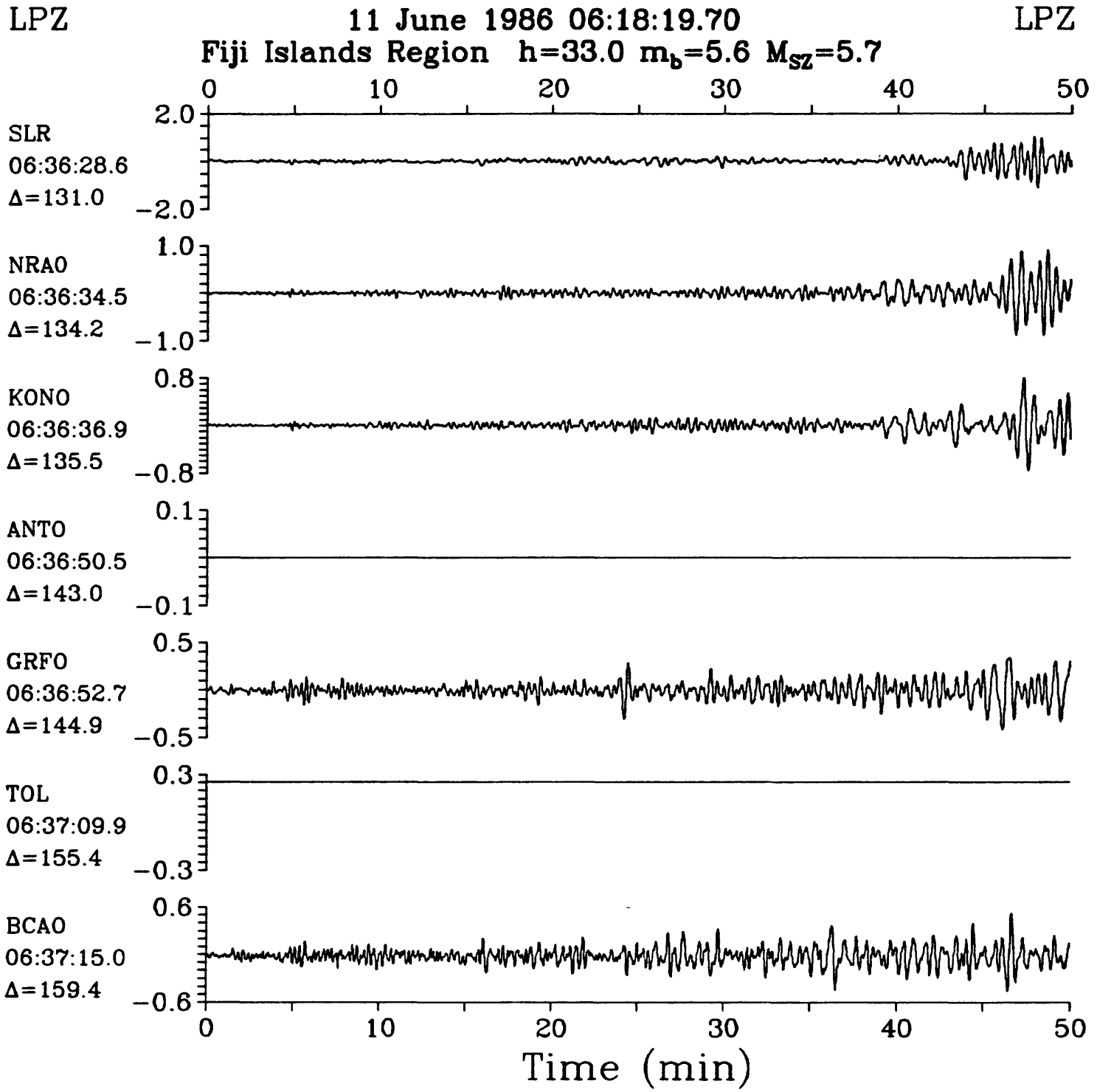
11 June 1986 06:18:19.70

Fiji Islands Region h=33.0 m_b=5.6 M_{SZ}=5.7



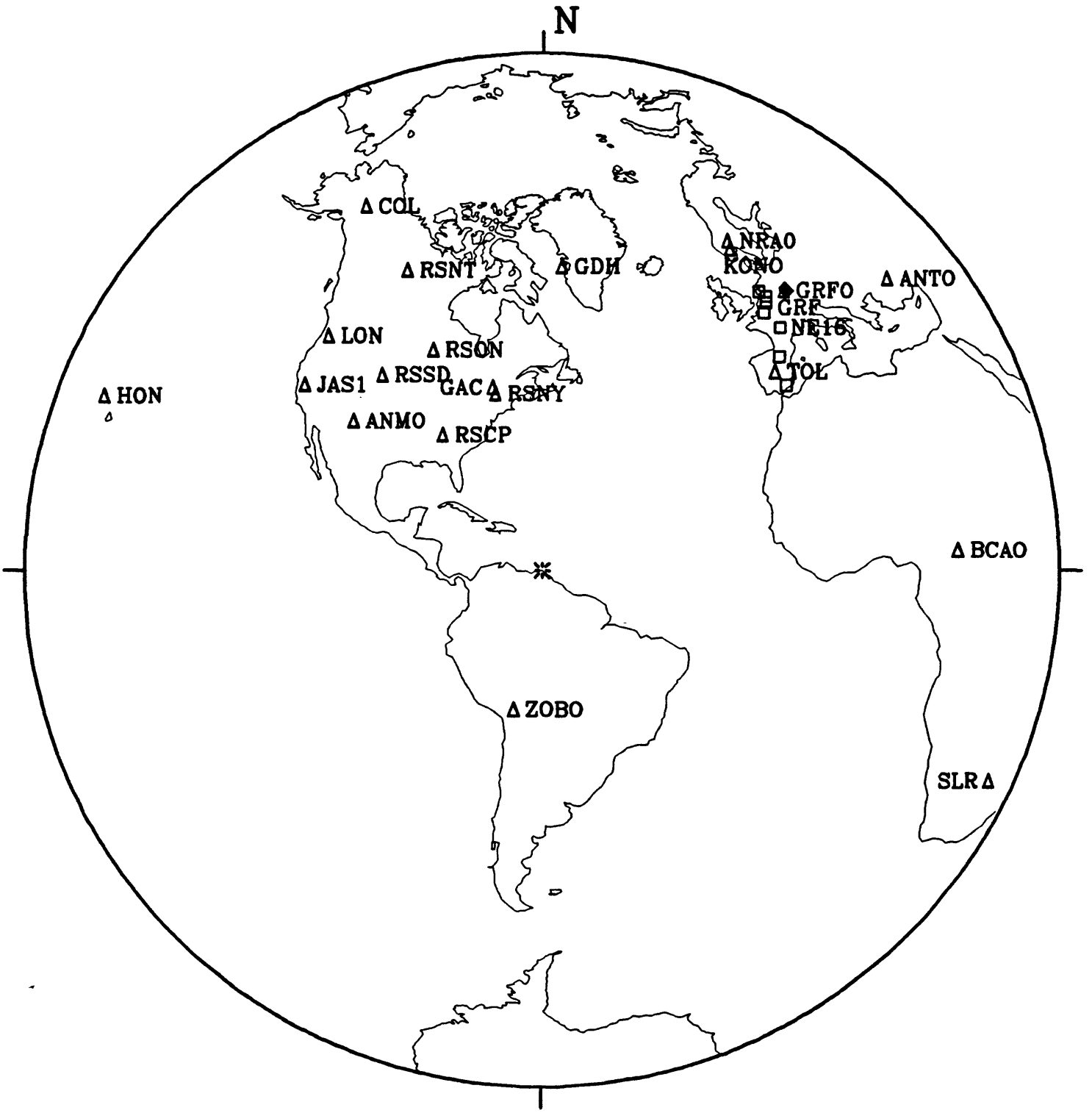

LPZ
11 June 1986 06:18:19.70
LPZ
Fiji Islands Region h=33.0 m_b=5.6 M_{SZ}=5.7
0
10
20
30
40
50
CTAO
06:23:53.1
Δ= 33.1
5.0
-5.0
TAU
06:24:47.6
Δ= 39.5
60.0
-60.0
HON
06:25:09.2
Δ= 42.1
12.0
-12.0
GUMO
06:25:38.8
Δ= 45.8
14.0
-14.0
NWAO
06:27:21.3
Δ= 59.7
14.0
-14.0
MAJO
06:28:00.6
Δ= 65.6
5.0
-5.0
TATO
06:28:31.2
Δ= 70.4
0.1
-0.1
JAS1
06:29:07.3
Δ= 76.6
16.0
-16.0
LON
06:29:29.3
Δ= 80.6
5.0
-5.0
COL
06:29:45.6
Δ= 83.7
2.0
-2.0
0
10
20
30
40
50
Time (min)
1015

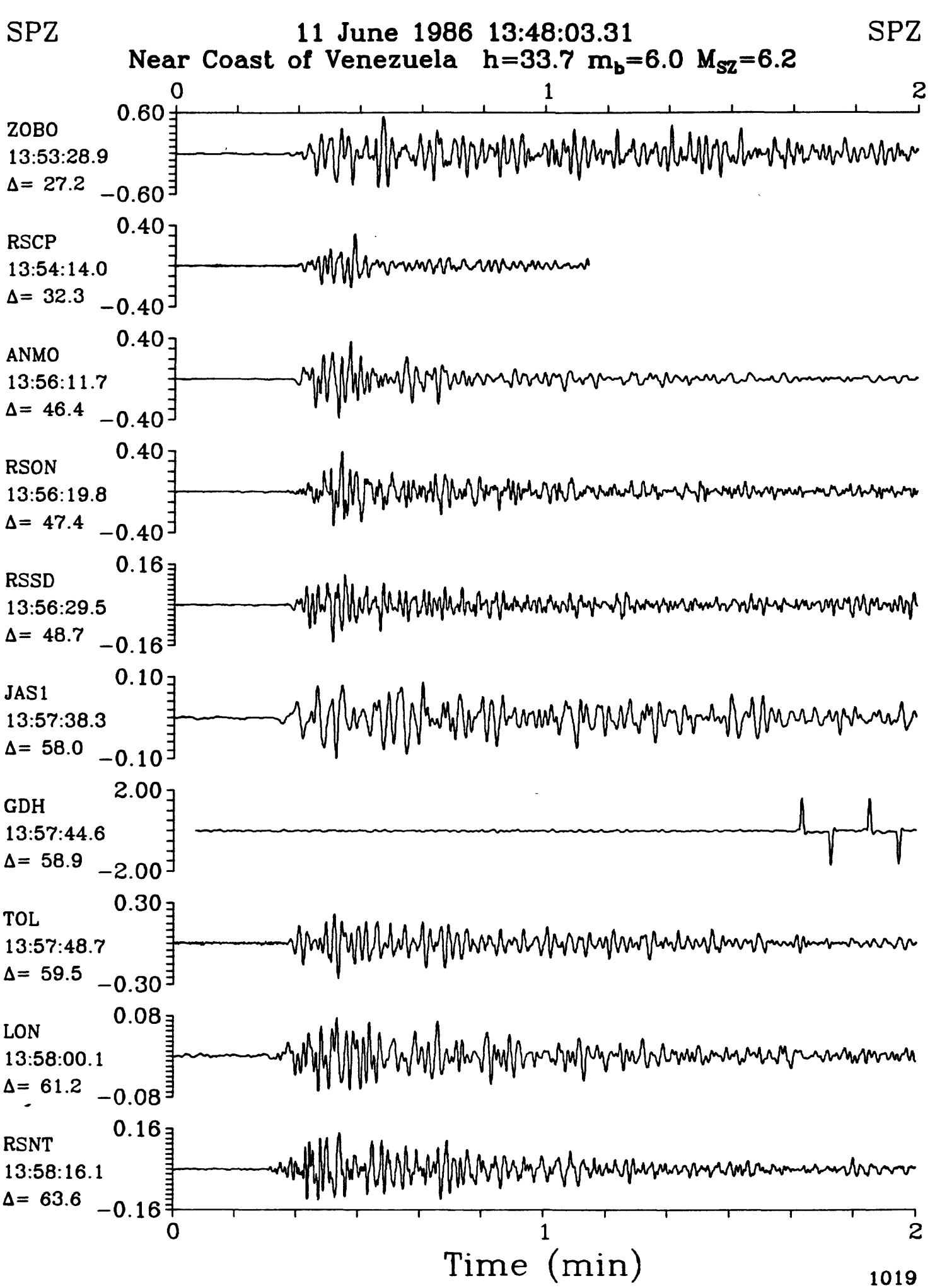

LPZ
11 June 1986 06:18:19.70
LPZ
Fiji Islands Region h=33.0 m_b=5.6 M_{SZ}=5.7
0
10
20
30
40
50
ANMO
06:29:53.6
Δ= 85.2
5.0
-5.0
CHTO
06:30:04.4
Δ= 87.4
3.0
-3.0
RSSD
06:30:18.8
Δ= 90.4
2.0
-2.0
RSNT
06:30:28.5
Δ= 92.5
4.0
-4.0
RSON
06:35:28.5
Δ= 99.1
2.0
-2.0
RSCP
06:35:33.4
Δ=101.8
4.0
-4.0
ZOBO
06:35:39.3
Δ=105.0
4.0
-4.0
GAC
06:35:49.5
Δ=110.5
5.0
-5.0
RSNY
06:35:50.7
Δ=111.2
3.0
-3.0
GDH
06:36:01.3
Δ=116.7
3.0
-3.0
0
10
20
30
40
50
Time (min)
1016

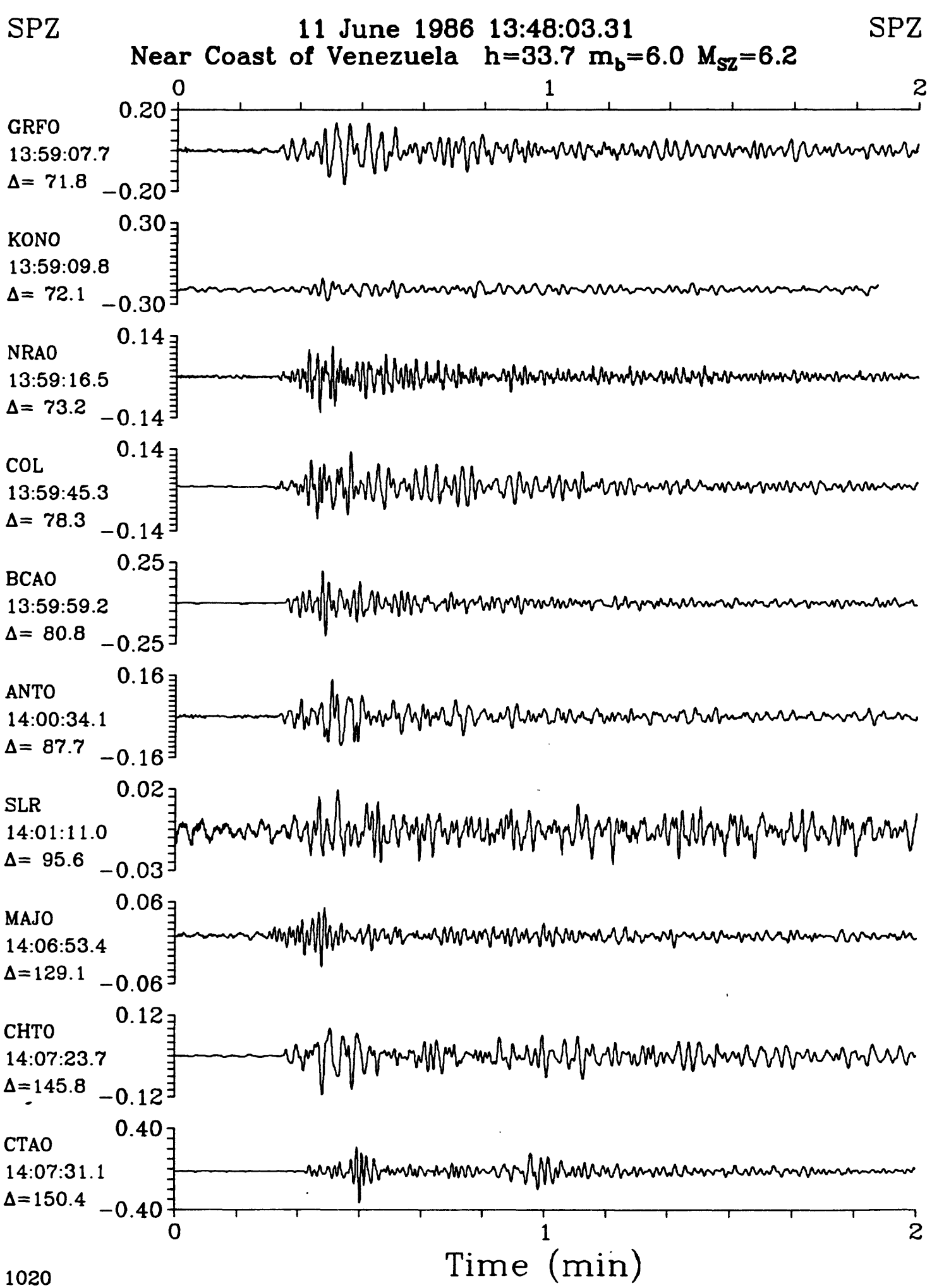

LPZ
11 June 1986 06:18:19.70
LPZ
Fiji Islands Region h=33.0 m_b=5.6 M_{SZ}=5.7
0
10
20
30
40
50
SLR
06:36:28.6
Δ=131.0
2.0
-2.0
NRAO
06:36:34.5
Δ=134.2
1.0
-1.0
KONO
06:36:36.9
Δ=135.5
0.8
-0.8
ANTO
06:36:50.5
Δ=143.0
0.1
-0.1
GRFO
06:36:52.7
Δ=144.9
0.5
-0.5
TOL
06:37:09.9
Δ=155.4
0.3
-0.3
BCAO
06:37:15.0
Δ=159.4
0.6
-0.6
0
10
20
30
40
50
Time (min)

11 June 1986 13:48:03.31

Near Coast of Venezuela




SPZ
11 June 1986 13:48:03.31
SPZ
Near Coast of Venezuela h=33.7 m_b=6.0 M_{SZ}=6.2
0
1
2
0.60
ZOBO
13:53:28.9
Δ= 27.2
-0.60
0.40
RSCP
13:54:14.0
Δ= 32.3
-0.40
0.40
ANMO
13:56:11.7
Δ= 46.4
-0.40
0.40
RSON
13:56:19.8
Δ= 47.4
-0.40
0.16
RSSD
13:56:29.5
Δ= 48.7
-0.16
0.10
JAS1
13:57:38.3
Δ= 58.0
-0.10
2.00
GDH
13:57:44.6
Δ= 58.9
-2.00
0.30
TOL
13:57:48.7
Δ= 59.5
-0.30
0.08
LON
13:58:00.1
Δ= 61.2
-0.08
0.16
RSNT
13:58:16.1
Δ= 63.6
-0.16
0
1
2
Time (min)
1019

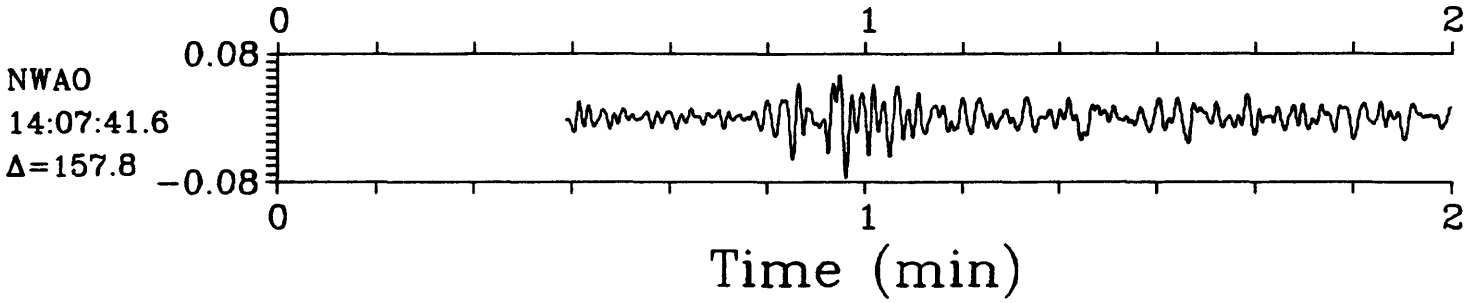

SPZ
11 June 1986 13:48:03.31
SPZ
Near Coast of Venezuela h=33.7 m_b=6.0 M_{SZ}=6.2
0
1
2
0.20
GRFO
13:59:07.7
Δ= 71.8
−0.20
0.30
KONO
13:59:09.8
Δ= 72.1
−0.30
0.14
NRAO
13:59:16.5
Δ= 73.2
−0.14
0.14
COL
13:59:45.3
Δ= 78.3
−0.14
0.25
BCAO
13:59:59.2
Δ= 80.8
−0.25
0.16
ANTO
14:00:34.1
Δ= 87.7
−0.16
0.02
SLR
14:01:11.0
Δ= 95.6
−0.03
0.06
MAJO
14:06:53.4
Δ=129.1
−0.06
0.12
CHTO
14:07:23.7
Δ=145.8
−0.12
0.40
CTAO
14:07:31.1
Δ=150.4
−0.40
0
1
2
Time (min)
1020

SPZ

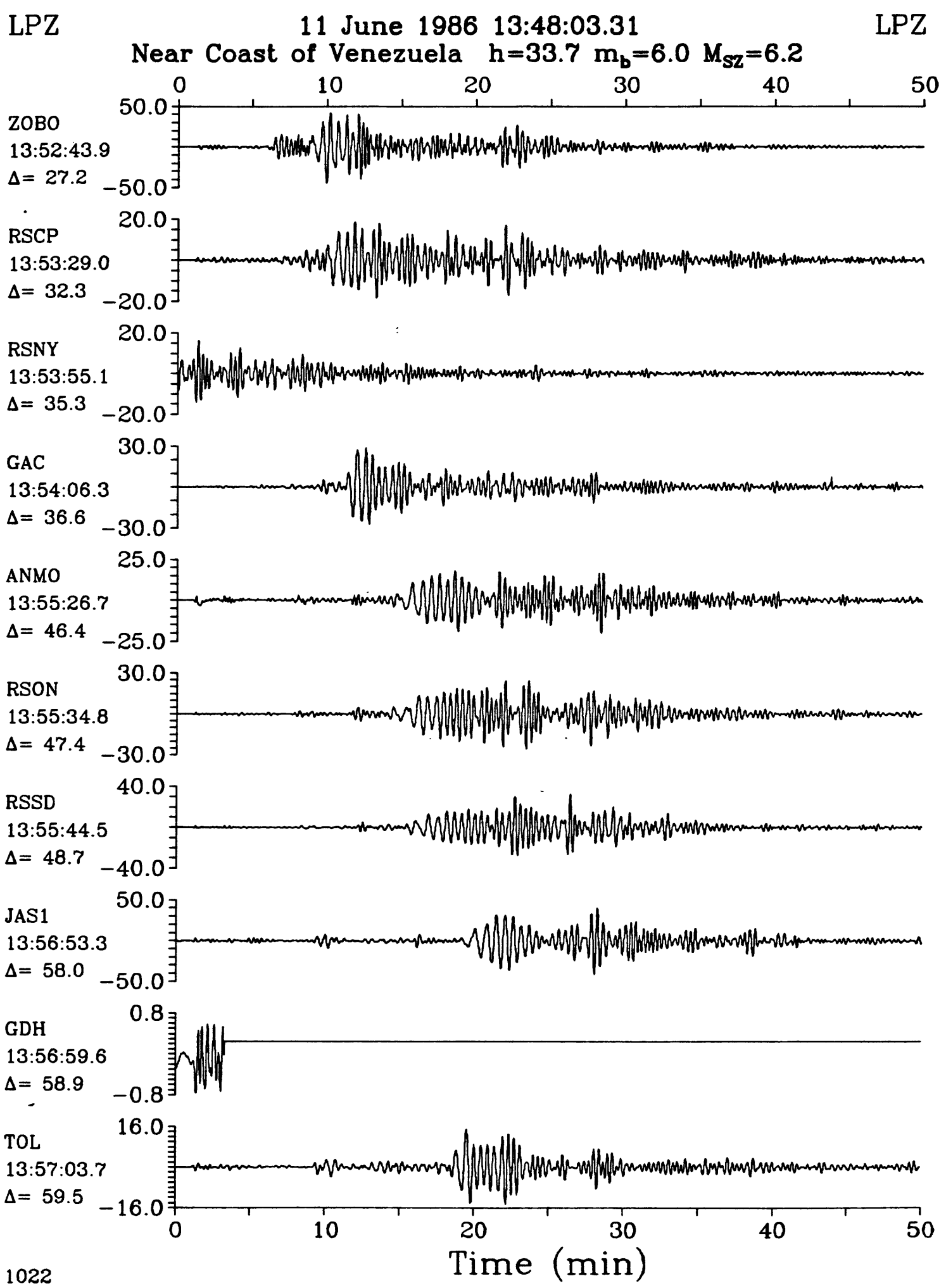
11 June 1986 13:48:03.31

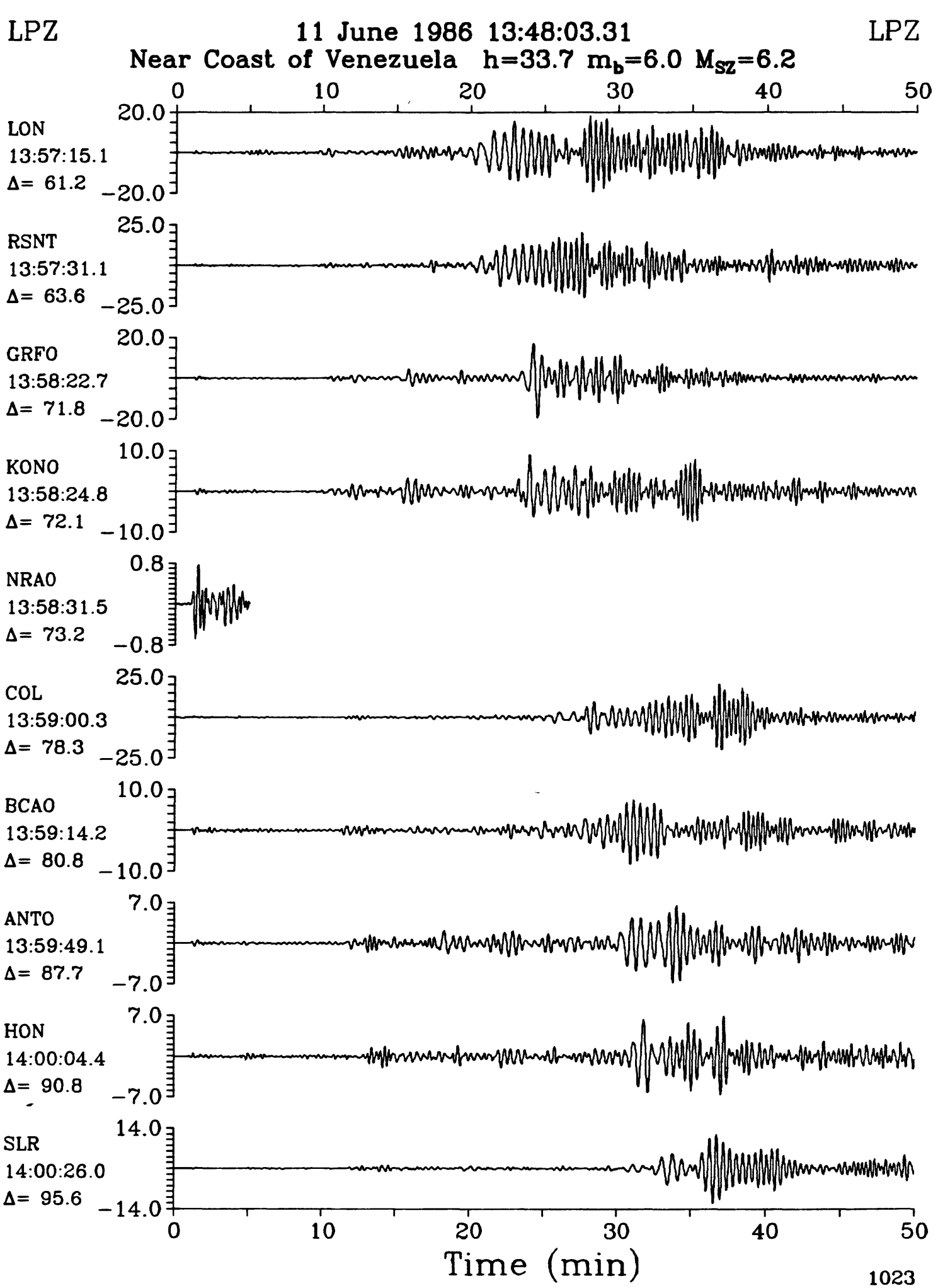
SPZ

Near Coast of Venezuela h=33.7 m_b=6.0 M_{SZ}=6.2



Time (min)


LPZ
11 June 1986 13:48:03.31
LPZ
Near Coast of Venezuela h=33.7 m_b=6.0 M_{SZ}=6.2
0
10
20
30
40
50
ZOBO
13:52:43.9
Δ= 27.2
50.0
-50.0
RSCP
13:53:29.0
Δ= 32.3
20.0
-20.0
RSNY
13:53:55.1
Δ= 35.3
20.0
-20.0
GAC
13:54:06.3
Δ= 36.6
30.0
-30.0
ANMO
13:55:26.7
Δ= 46.4
25.0
-25.0
RSON
13:55:34.8
Δ= 47.4
30.0
-30.0
RSSD
13:55:44.5
Δ= 48.7
40.0
-40.0
JAS1
13:56:53.3
Δ= 58.0
50.0
-50.0
GDH
13:56:59.6
Δ= 58.9
0.8
-0.8
TOL
13:57:03.7
Δ= 59.5
16.0
-16.0
0
10
20
30
40
50
Time (min)

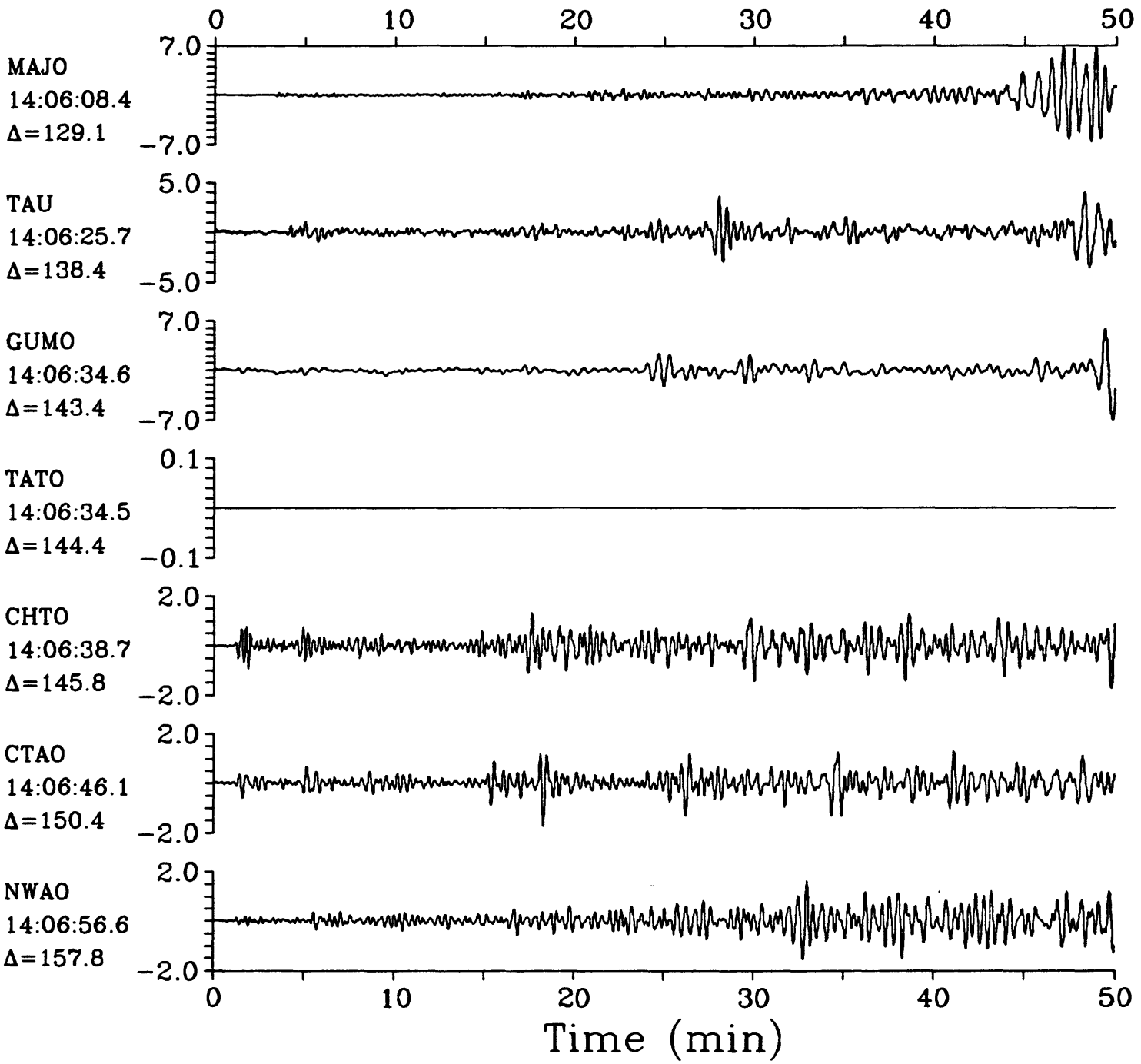

LPZ
11 June 1986 13:48:03.31
LPZ
Near Coast of Venezuela h=33.7 m_b=6.0 M_{SZ}=6.2
0
10
20
30
40
50
LON
13:57:15.1
Δ= 61.2
20.0
-20.0
RSNT
13:57:31.1
Δ= 63.6
25.0
-25.0
GRFO
13:58:22.7
Δ= 71.8
20.0
-20.0
KONO
13:58:24.8
Δ= 72.1
10.0
-10.0
NRAO
13:58:31.5
Δ= 73.2
0.8
-0.8
COL
13:59:00.3
Δ= 78.3
25.0
-25.0
BCAO
13:59:14.2
Δ= 80.8
10.0
-10.0
ANTO
13:59:49.1
Δ= 87.7
7.0
-7.0
HON
14:00:04.4
Δ= 90.8
7.0
-7.0
SLR
14:00:26.0
Δ= 95.6
14.0
-14.0
0
10
20
30
40
50
Time (min)
1023

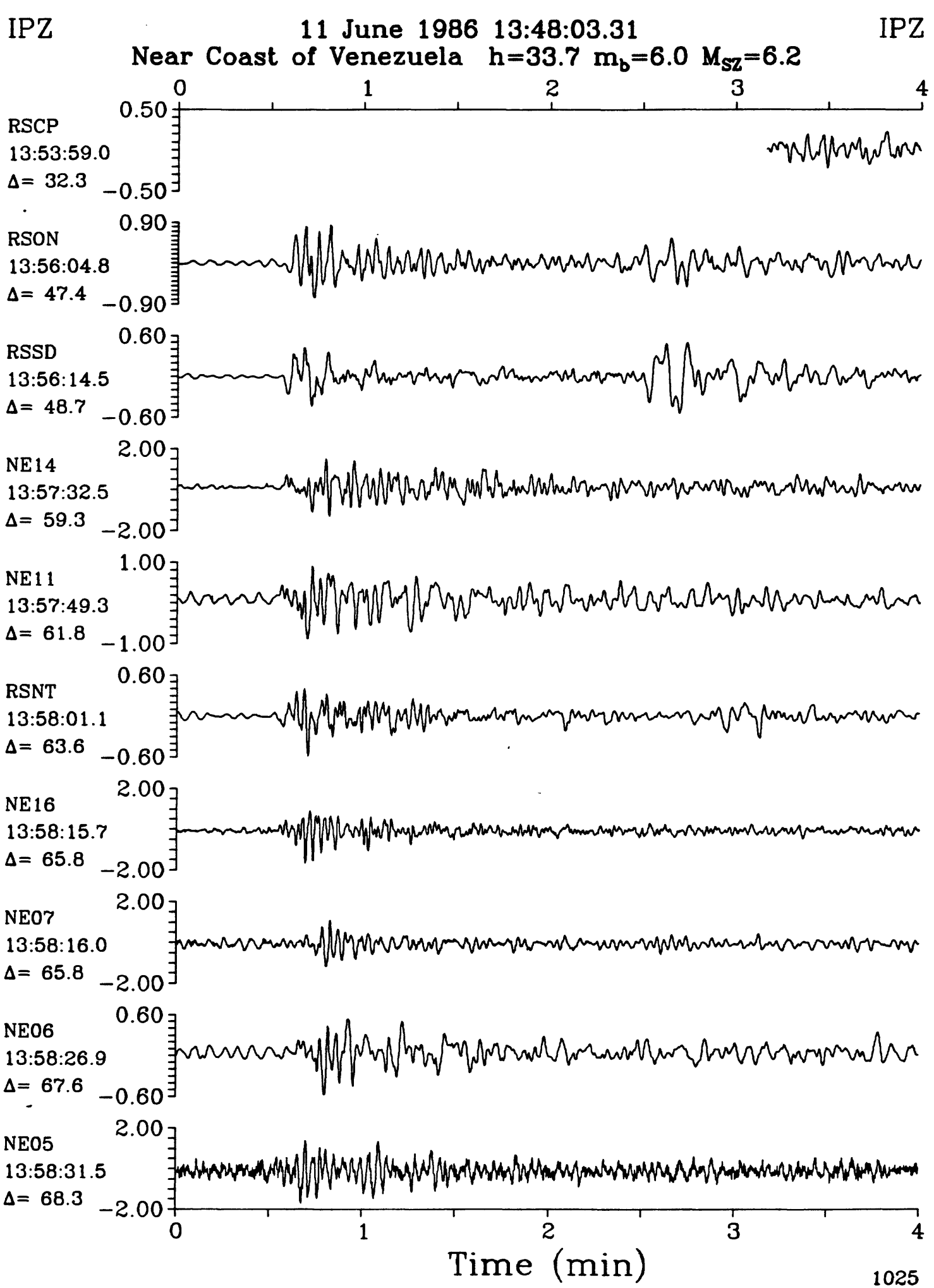
LPZ

11 June 1986 13:48:03.31

LPZ

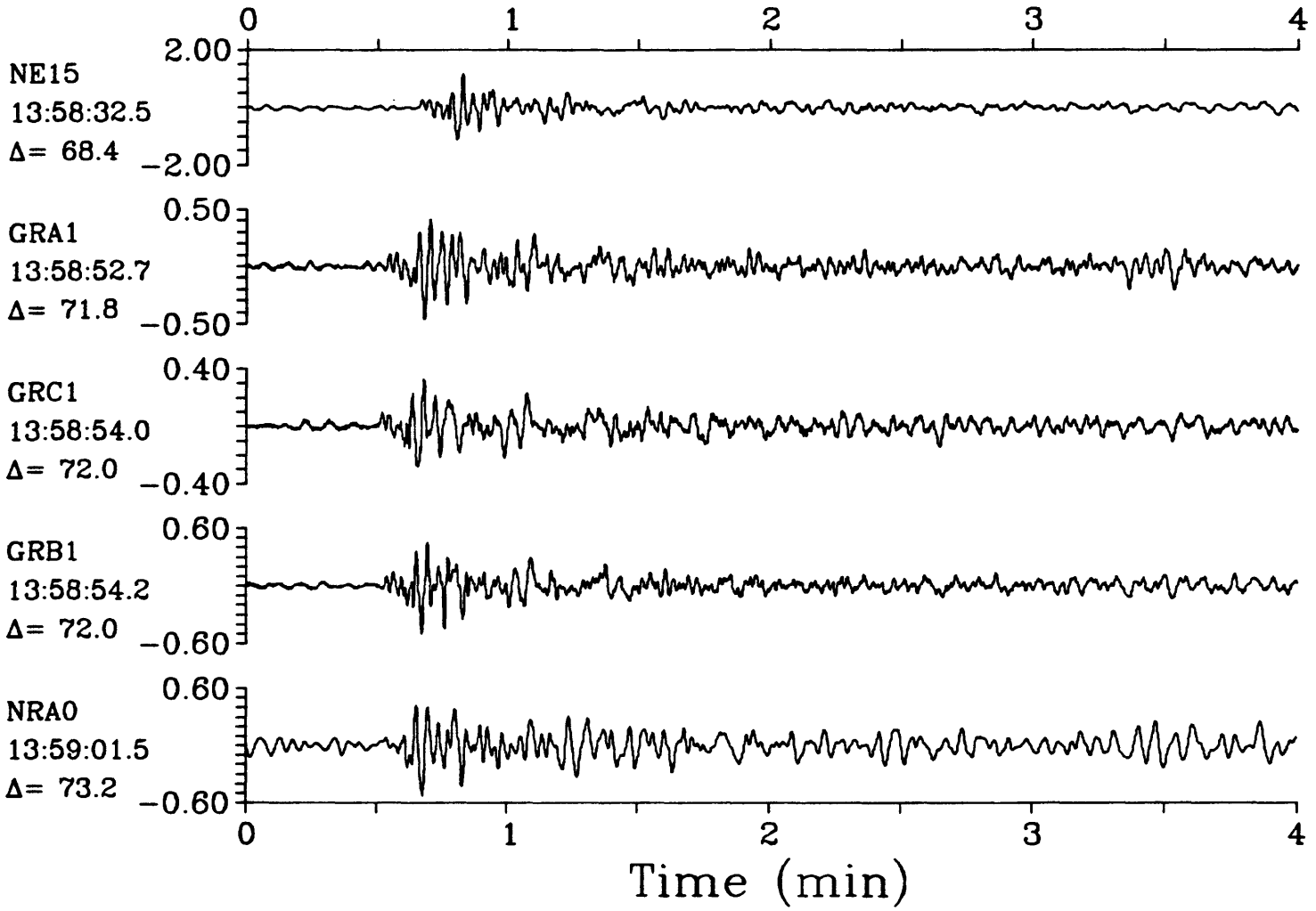
Near Coast of Venezuela h=33.7 m_b=6.0 M_{SZ}=6.2




IPZ
11 June 1986 13:48:03.31
IPZ
Near Coast of Venezuela h=33.7 m_b=6.0 M_{SZ}=6.2
0
1
2
3
4
RSCP
13:53:59.0
Δ= 32.3
0.50
-0.50
RSON
13:56:04.8
Δ= 47.4
0.90
-0.90
RSSD
13:56:14.5
Δ= 48.7
0.60
-0.60
NE14
13:57:32.5
Δ= 59.3
2.00
-2.00
NE11
13:57:49.3
Δ= 61.8
1.00
-1.00
RSNT
13:58:01.1
Δ= 63.6
0.60
-0.60
NE16
13:58:15.7
Δ= 65.8
2.00
-2.00
NE07
13:58:16.0
Δ= 65.8
2.00
-2.00
NE06
13:58:26.9
Δ= 67.6
0.60
-0.60
NE05
13:58:31.5
Δ= 68.3
2.00
-2.00
0
1
2
3
4
Time (min)
1025

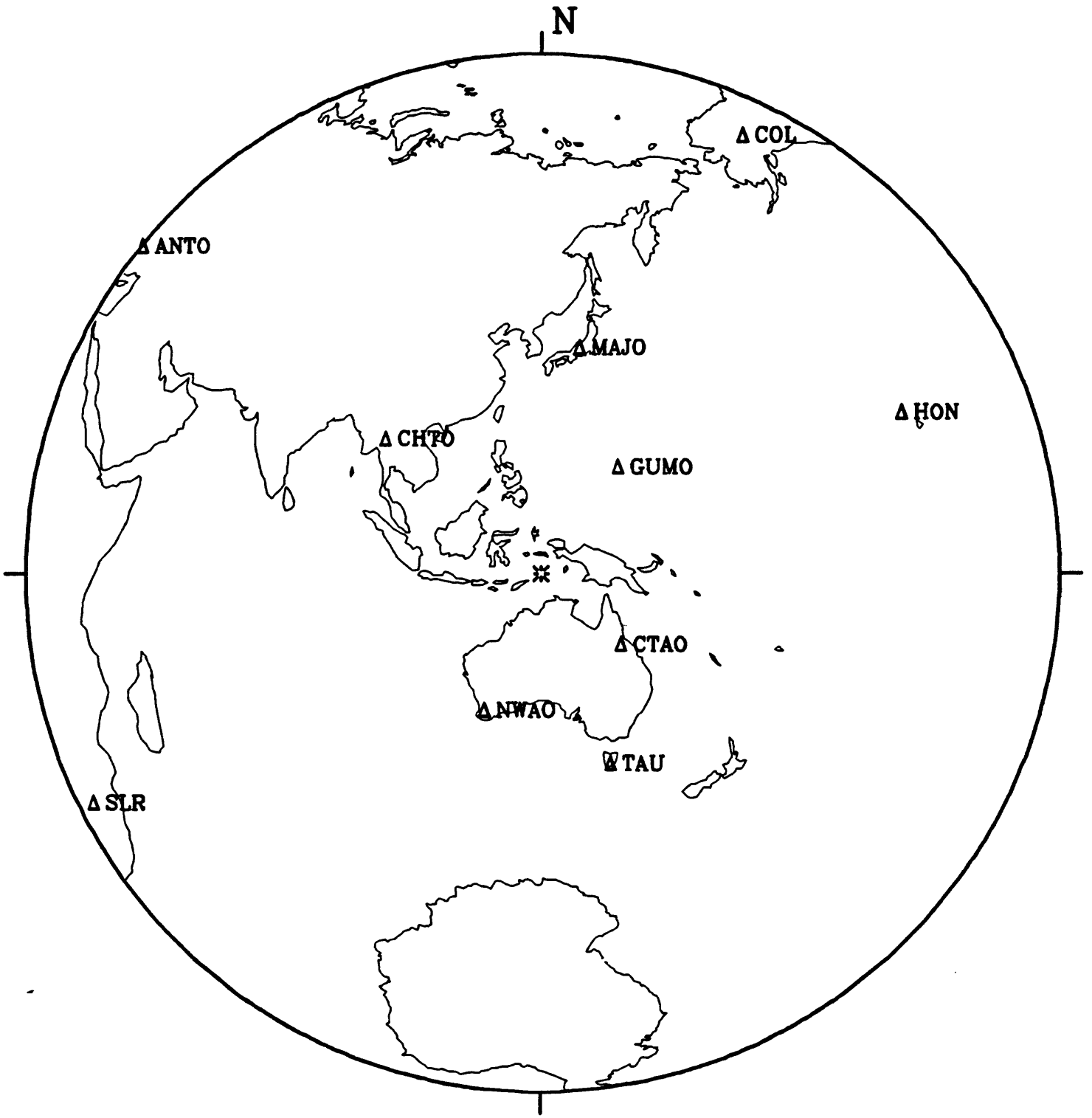
IPZ 11 June 1986 13:48:03.31 IPZ

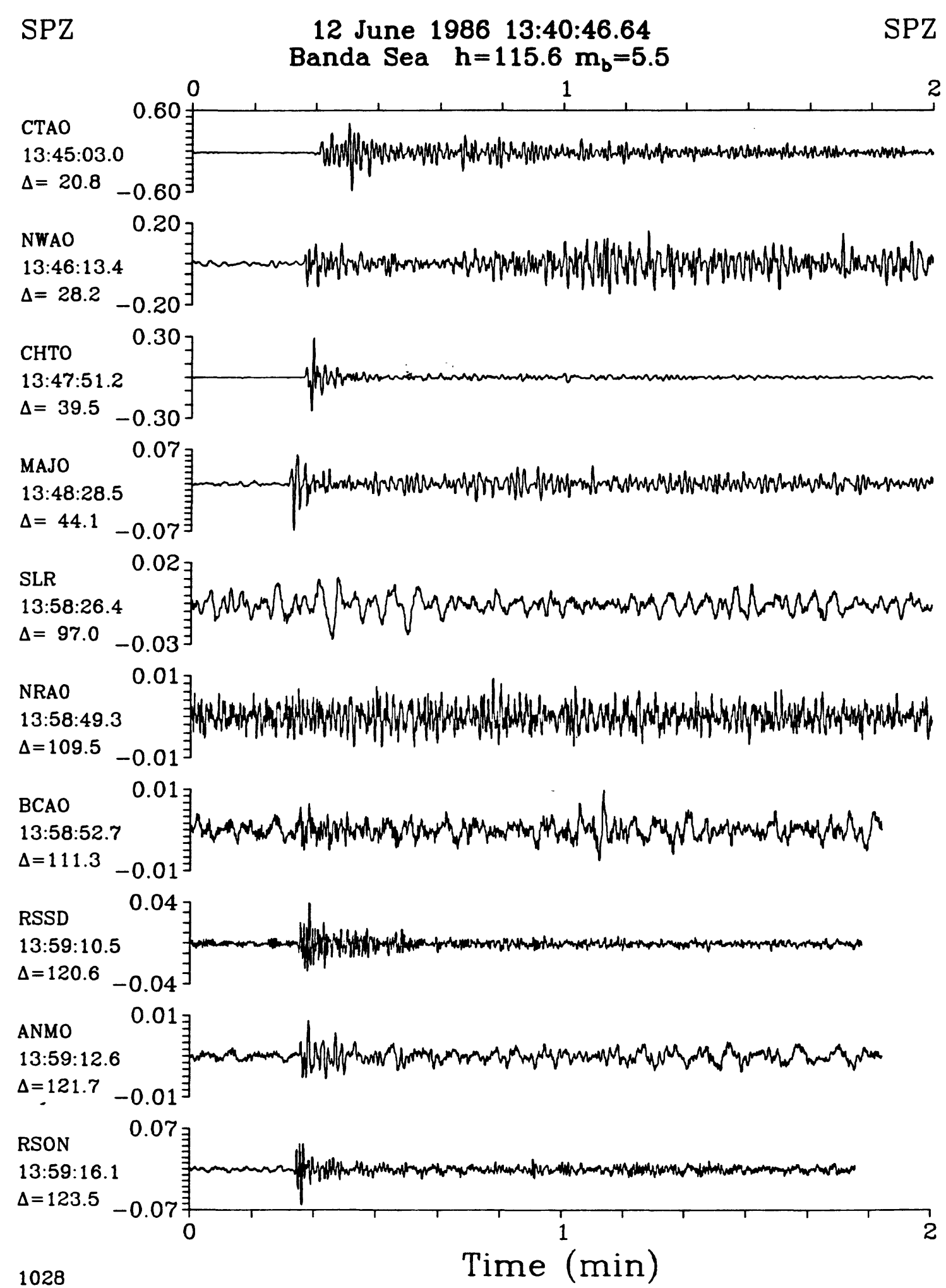
Near Coast of Venezuela h=33.7 m_b=6.0 M_{SZ}=6.2



12 June 1986 13:40:46.64

Banda Sea

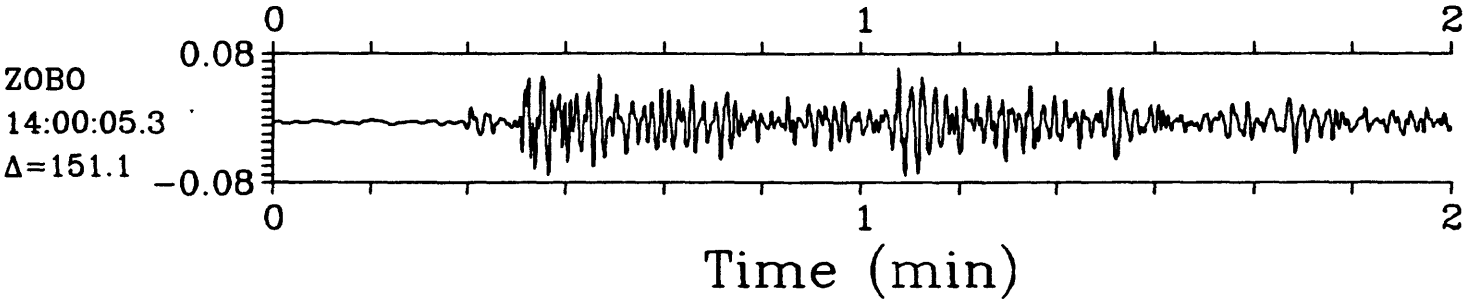



SPZ
12 June 1986 13:40:46.64
Banda Sea h=115.6 m_b=5.5
SPZ
0
1
2
CTAO
13:45:03.0
Δ= 20.8
0.60
-0.60
NWAO
13:46:13.4
Δ= 28.2
0.20
-0.20
CHTO
13:47:51.2
Δ= 39.5
0.30
-0.30
MAJO
13:48:28.5
Δ= 44.1
0.07
-0.07
SLR
13:58:26.4
Δ= 97.0
0.02
-0.03
NRAO
13:58:49.3
Δ=109.5
0.01
-0.01
BCAO
13:58:52.7
Δ=111.3
0.01
-0.01
RSSD
13:59:10.5
Δ=120.6
0.04
-0.04
ANMO
13:59:12.6
Δ=121.7
0.01
-0.01
RSON
13:59:16.1
Δ=123.5
0.07
-0.07
0
1
2
Time (min)
1028

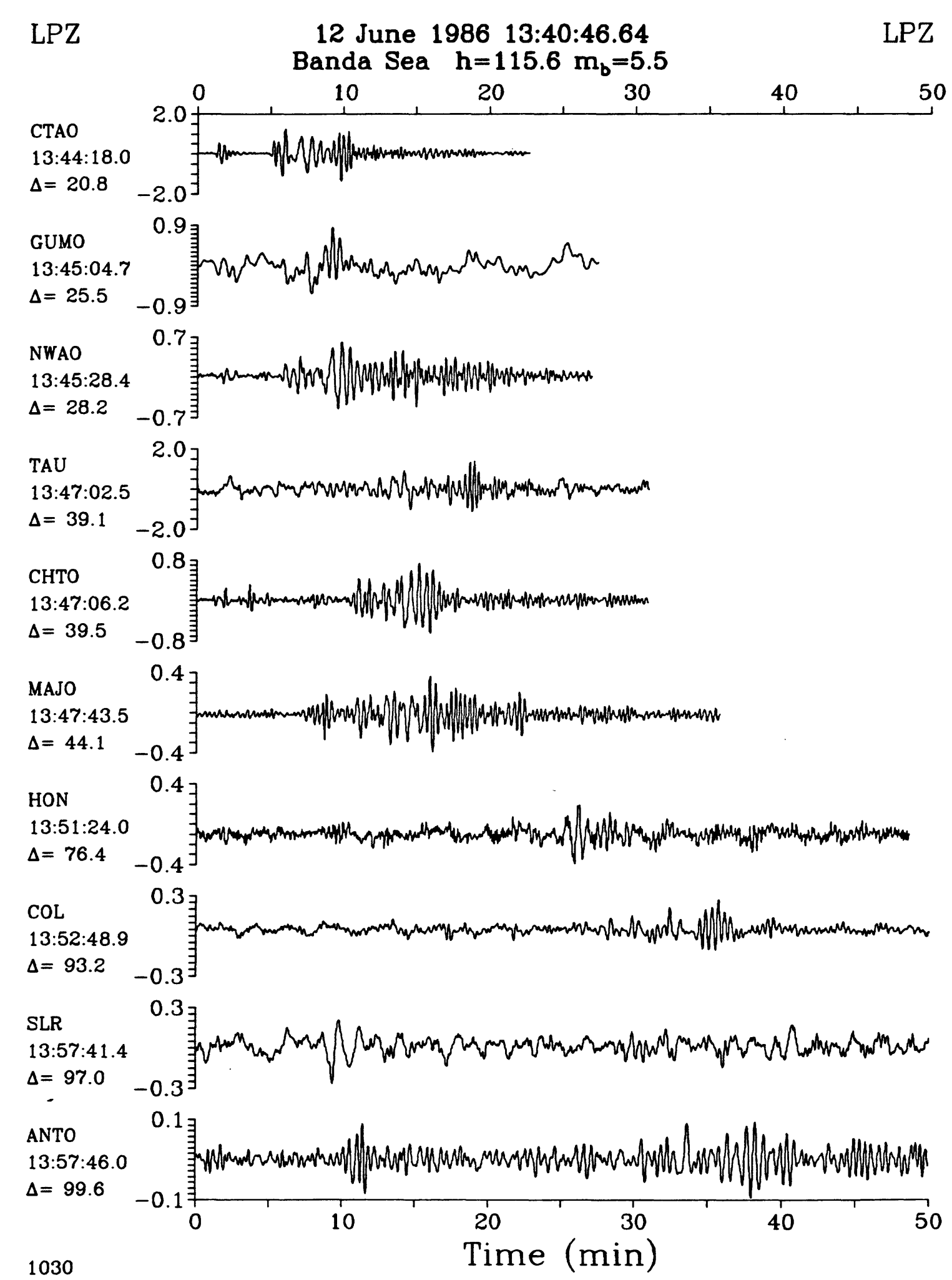
SPZ

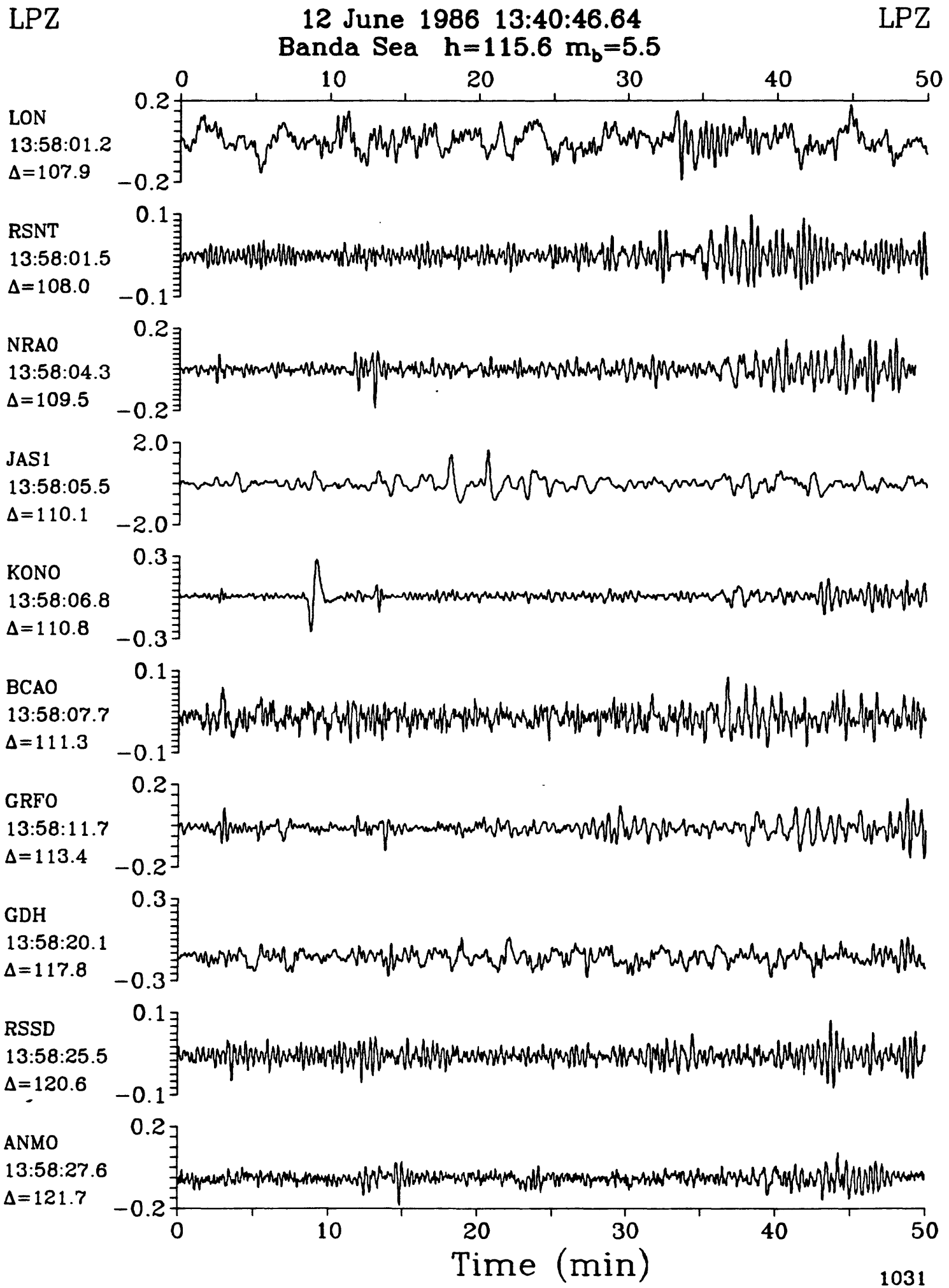
12 June 1986 13:40:46.64
Banda Sea h=115.6 m_b=5.5

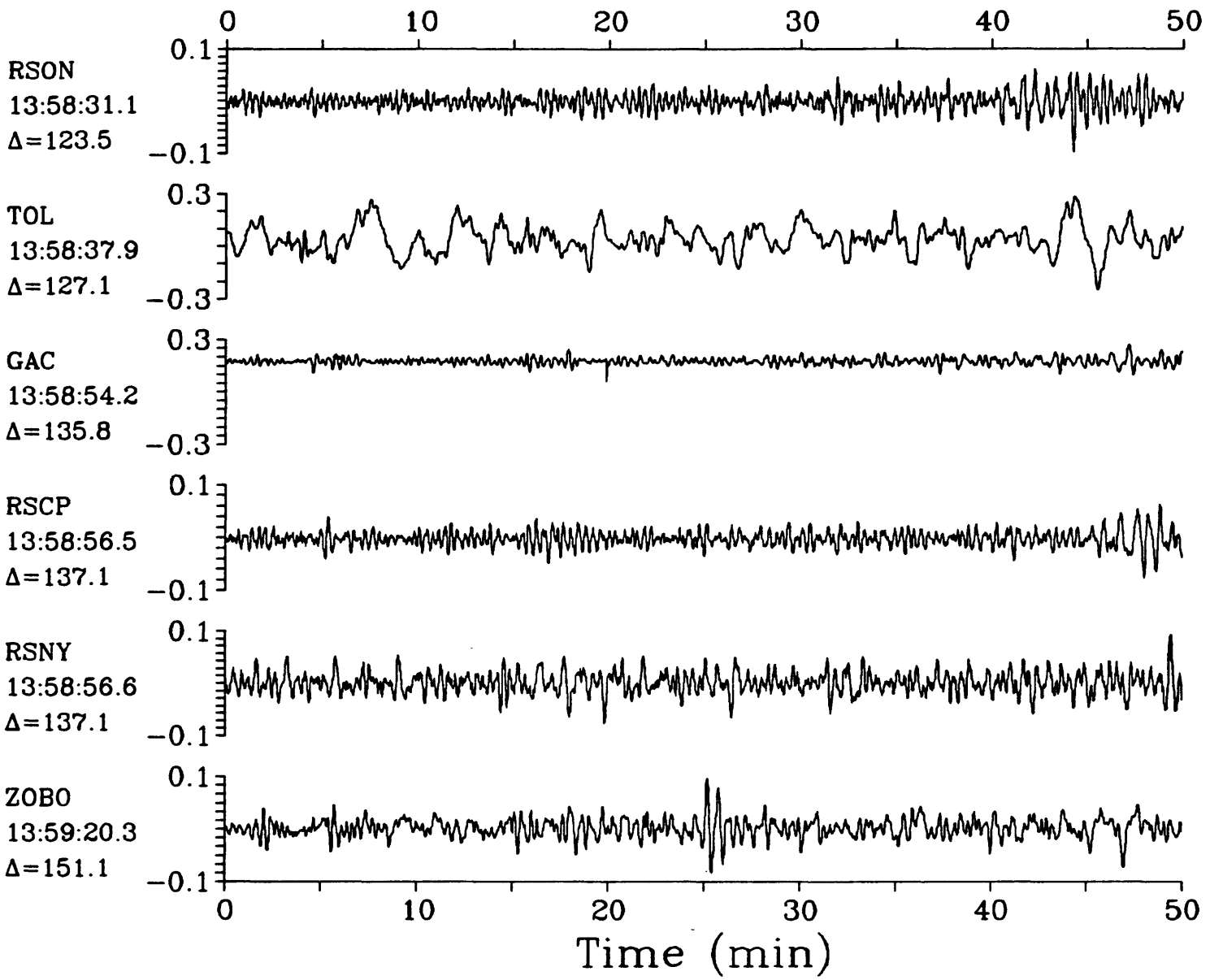
SPZ



Time (min)

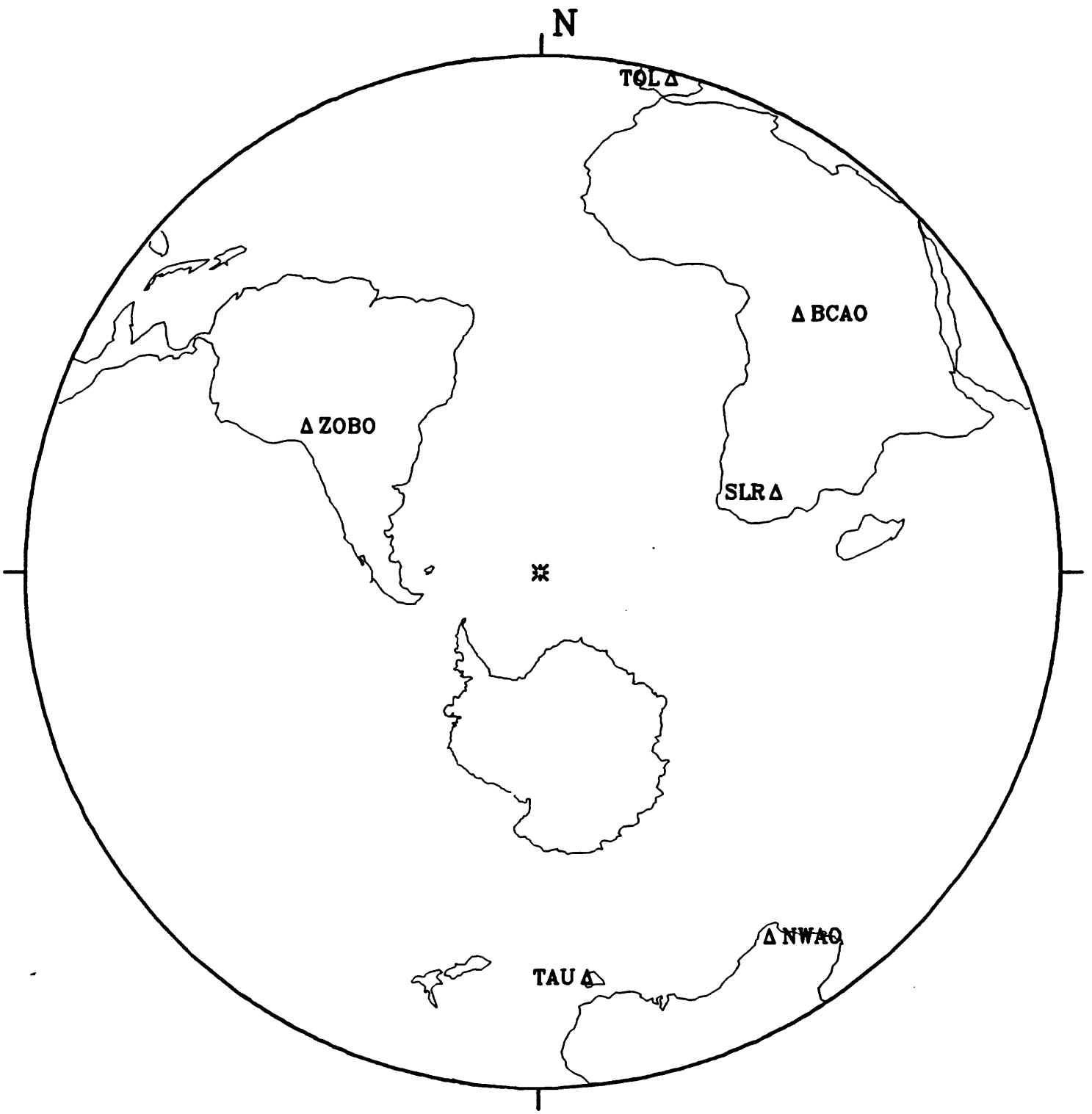

LPZ
12 June 1986 13:40:46.64
Banda Sea h=115.6 m_b=5.5
LPZ
0
10
20
30
40
50
CTAO
13:44:18.0
Δ= 20.8
2.0
-2.0
GUMO
13:45:04.7
Δ= 25.5
0.9
-0.9
NWAO
13:45:28.4
Δ= 28.2
0.7
-0.7
TAU
13:47:02.5
Δ= 39.1
2.0
-2.0
CHTO
13:47:06.2
Δ= 39.5
0.8
-0.8
MAJO
13:47:43.5
Δ= 44.1
0.4
-0.4
HON
13:51:24.0
Δ= 76.4
0.4
-0.4
COL
13:52:48.9
Δ= 93.2
0.3
-0.3
SLR
13:57:41.4
Δ= 97.0
0.3
-0.3
ANTO
13:57:46.0
Δ= 99.6
0.1
-0.1
0
10
20
30
40
50
Time (min)
1030

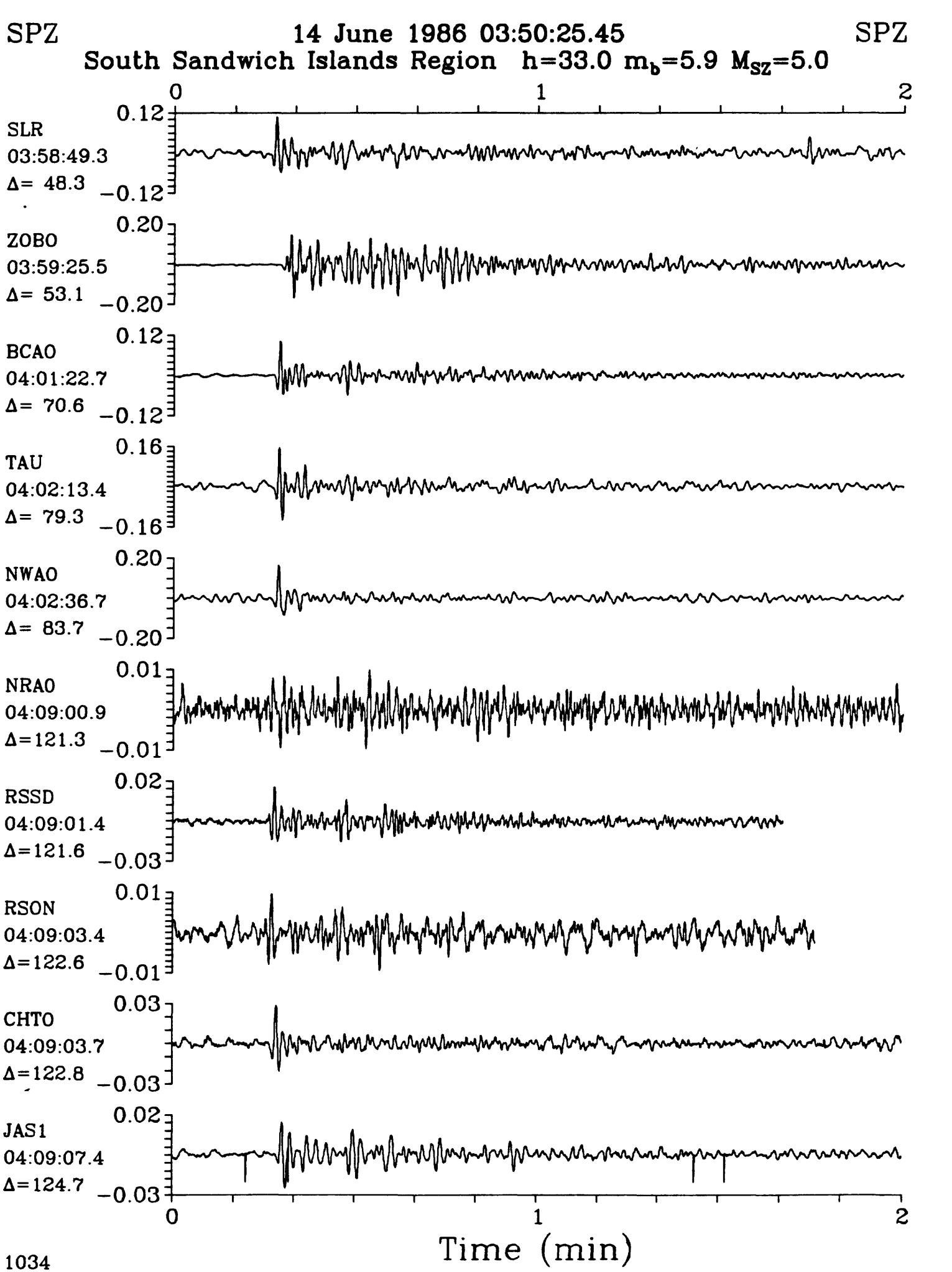

LPZ
12 June 1986 13:40:46.64
Banda Sea h=115.6 m_b=5.5
LPZ
0
10
20
30
40
50
LON
13:58:01.2
Δ=107.9
0.2
−0.2
RSNT
13:58:01.5
Δ=108.0
0.1
−0.1
NRAO
13:58:04.3
Δ=109.5
0.2
−0.2
JAS1
13:58:05.5
Δ=110.1
2.0
−2.0
KONO
13:58:06.8
Δ=110.8
0.3
−0.3
BCAO
13:58:07.7
Δ=111.3
0.1
−0.1
GRFO
13:58:11.7
Δ=113.4
0.2
−0.2
GDH
13:58:20.1
Δ=117.8
0.3
−0.3
RSSD
13:58:25.5
Δ=120.6
0.1
−0.1
ANMO
13:58:27.6
Δ=121.7
0.2
−0.2
0
10
20
30
40
50
Time (min)
1031


12 June 1986 13:40:46.64
Banda Sea h=115.6 m_b=5.5
RSON
13:58:31.1
Δ=123.5
TOL
13:58:37.9
Δ=127.1
GAC
13:58:54.2
Δ=135.8
RSCP
13:58:56.5
Δ=137.1
RSNY
13:58:56.6
Δ=137.1
ZOBO
13:59:20.3
Δ=151.1
0.1
−0.1
0.3
−0.3
0
10
20
30
40
50
Time (min)

14 June 1986 03:50:25.45

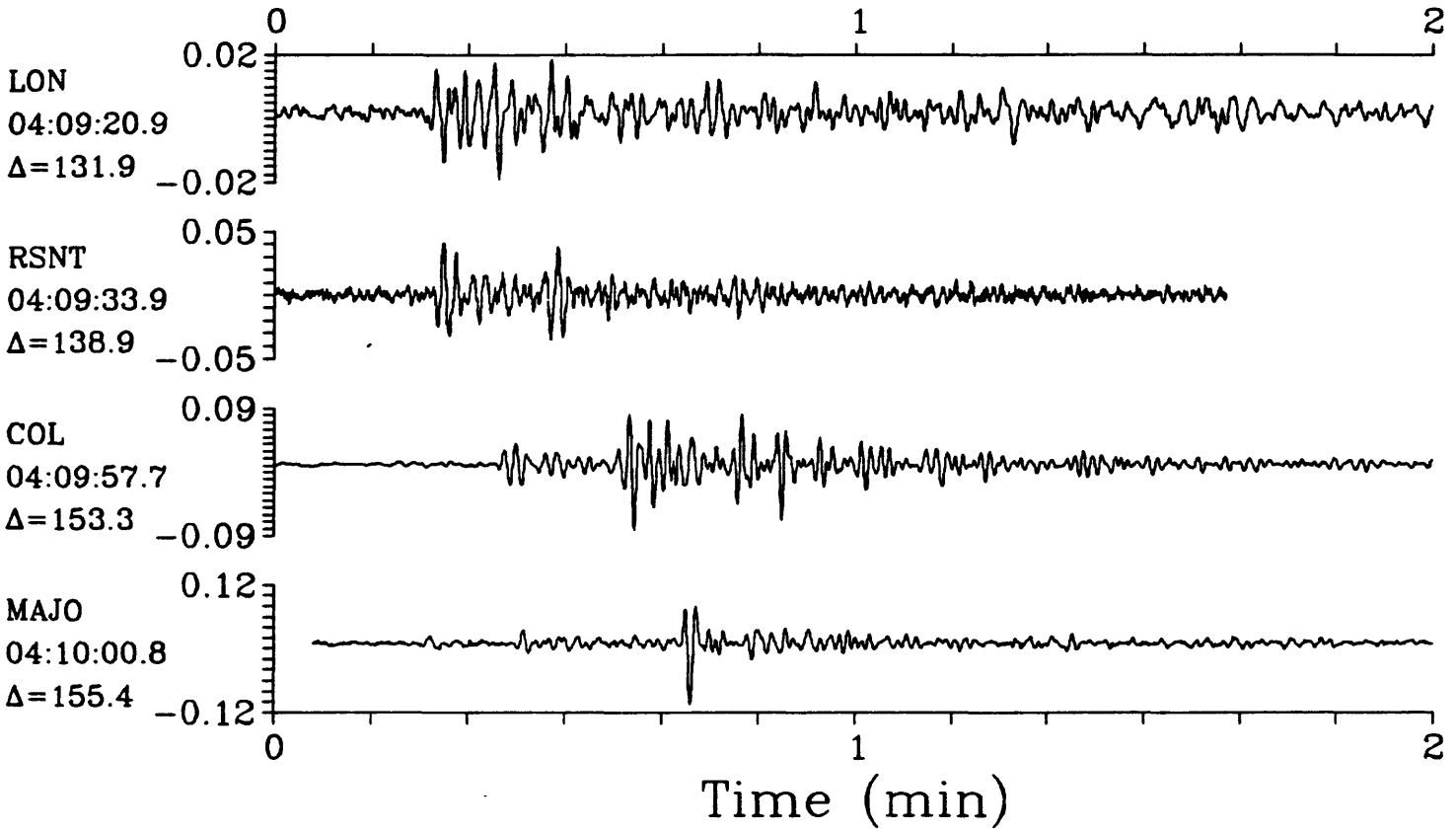
South Sandwich Islands Region

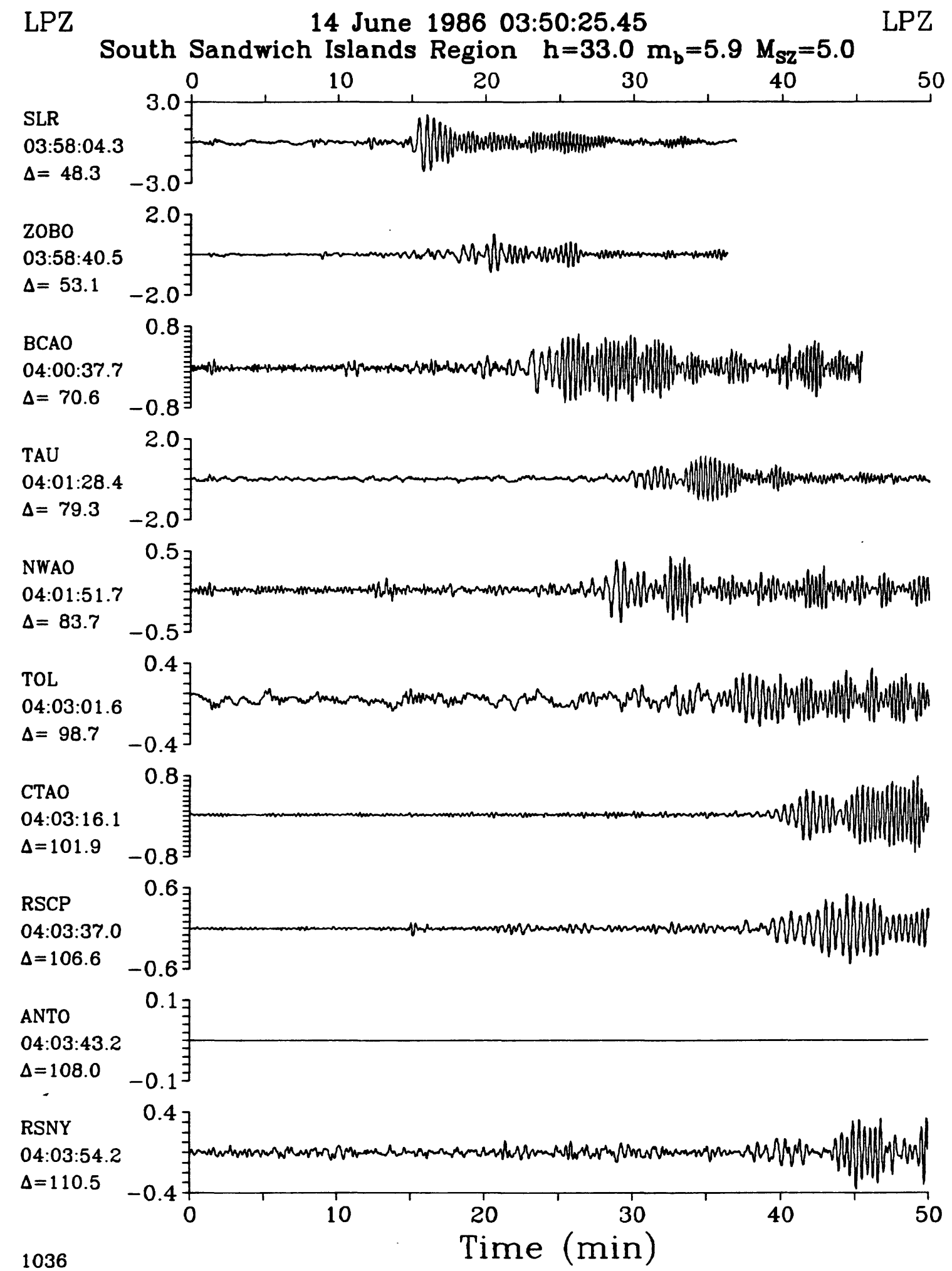


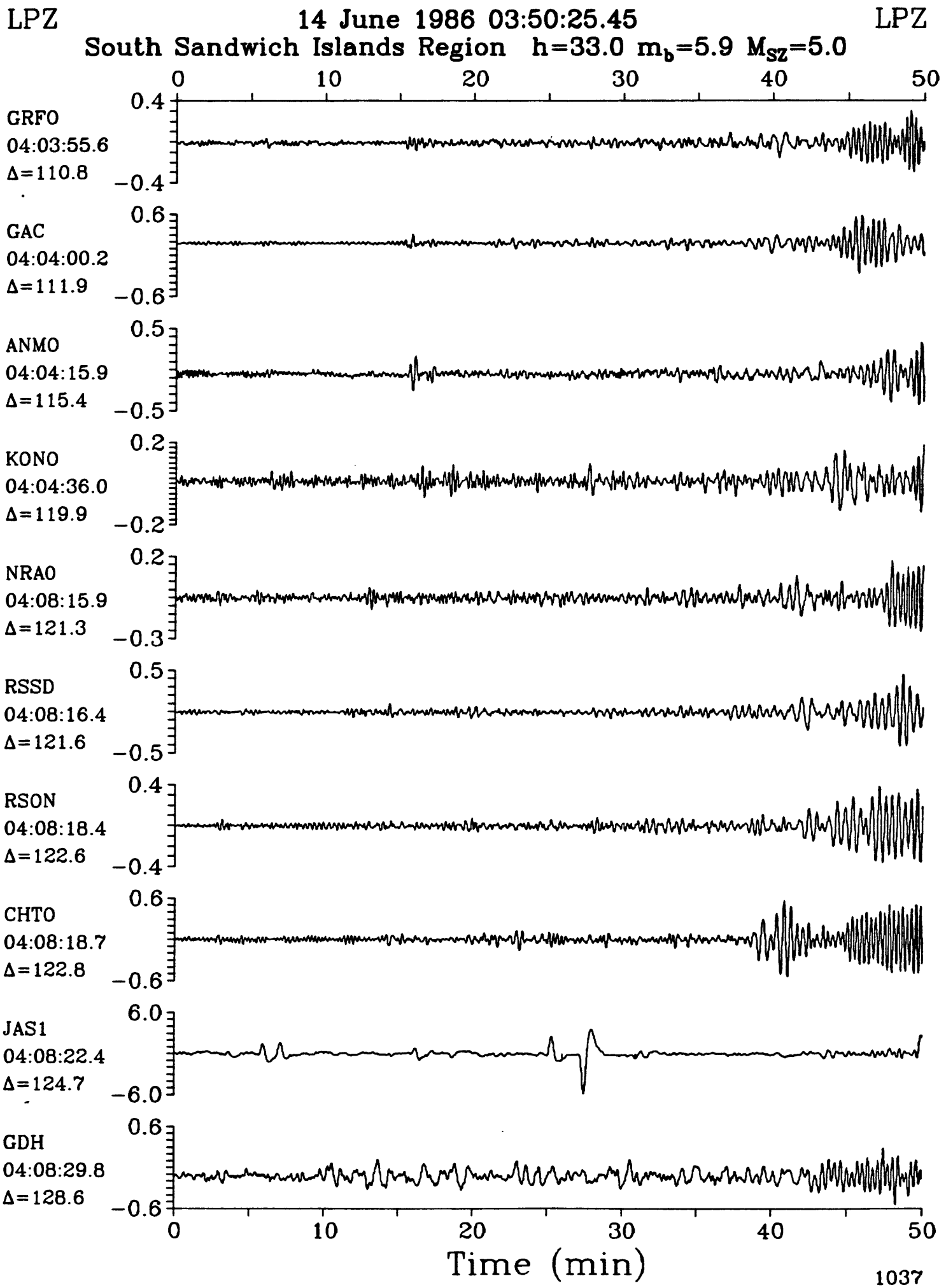

SPZ
14 June 1986 03:50:25.45
SPZ
South Sandwich Islands Region h=33.0 m_b=5.9 M_{SZ}=5.0
0
1
2
0.12
SLR
03:58:49.3
Δ= 48.3
−0.12
0.20
ZOBO
03:59:25.5
Δ= 53.1
−0.20
0.12
BCAO
04:01:22.7
Δ= 70.6
−0.12
0.16
TAU
04:02:13.4
Δ= 79.3
−0.16
0.20
NWAO
04:02:36.7
Δ= 83.7
−0.20
0.01
NRAO
04:09:00.9
Δ=121.3
−0.01
0.02
RSSD
04:09:01.4
Δ=121.6
−0.03
0.01
RSON
04:09:03.4
Δ=122.6
−0.01
0.03
CHTO
04:09:03.7
Δ=122.8
−0.03
0.02
JAS1
04:09:07.4
Δ=124.7
−0.03
0
1
2
Time (min)

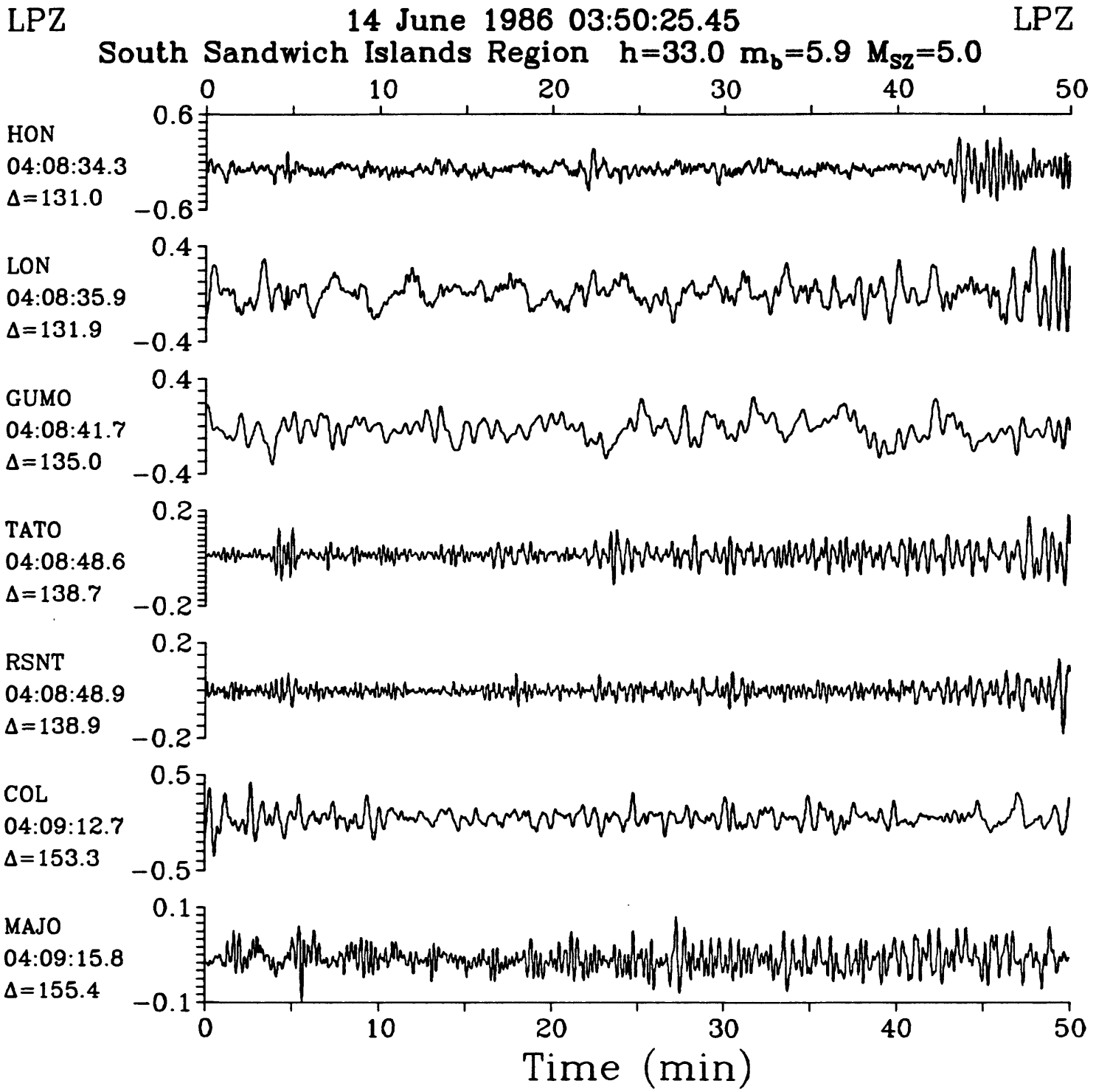
SPZ 14 June 1986 03:50:25.45 SPZ

South Sandwich Islands Region h=33.0 m_b=5.9 M_{SZ}=5.0



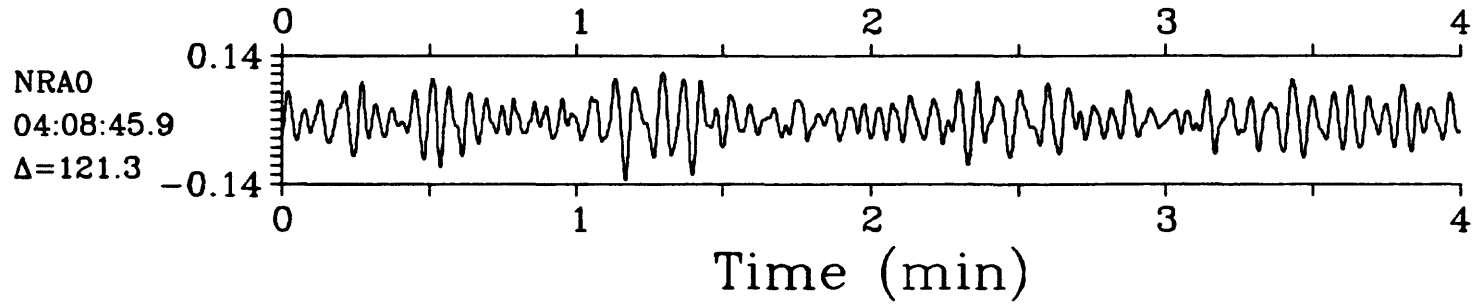

LPZ
14 June 1986 03:50:25.45
LPZ
South Sandwich Islands Region h=33.0 m_b=5.9 M_{SZ}=5.0
0
10
20
30
40
50
SLR
03:58:04.3
Δ= 48.3
3.0
-3.0
ZOBO
03:58:40.5
Δ= 53.1
2.0
-2.0
BCAO
04:00:37.7
Δ= 70.6
0.8
-0.8
TAU
04:01:28.4
Δ= 79.3
2.0
-2.0
NWAO
04:01:51.7
Δ= 83.7
0.5
-0.5
TOL
04:03:01.6
Δ= 98.7
0.4
-0.4
CTAO
04:03:16.1
Δ=101.9
0.8
-0.8
RSCP
04:03:37.0
Δ=106.6
0.6
-0.6
ANTO
04:03:43.2
Δ=108.0
0.1
-0.1
RSNY
04:03:54.2
Δ=110.5
0.4
-0.4
0
10
20
30
40
50
Time (min)
1036


LPZ
14 June 1986 03:50:25.45
LPZ
South Sandwich Islands Region h=33.0 m_b=5.9 M_{SZ}=5.0
0
10
20
30
40
50
GRFO
04:03:55.6
Δ=110.8
0.4
−0.4
GAC
04:04:00.2
Δ=111.9
0.6
−0.6
ANMO
04:04:15.9
Δ=115.4
0.5
−0.5
KONO
04:04:36.0
Δ=119.9
0.2
−0.2
NRAO
04:08:15.9
Δ=121.3
0.2
−0.3
RSSD
04:08:16.4
Δ=121.6
0.5
−0.5
RSON
04:08:18.4
Δ=122.6
0.4
−0.4
CHTO
04:08:18.7
Δ=122.8
0.6
−0.6
JAS1
04:08:22.4
Δ=124.7
6.0
−6.0
GDH
04:08:29.8
Δ=128.6
0.6
−0.6
0
10
20
30
40
50
Time (min)
1037


LPZ
14 June 1986 03:50:25.45
LPZ
South Sandwich Islands Region h=33.0 m_b=5.9 M_{SZ}=5.0
0
10
20
30
40
50
HON
04:08:34.3
Δ=131.0
0.6
−0.6
LON
04:08:35.9
Δ=131.9
0.4
−0.4
GUMO
04:08:41.7
Δ=135.0
0.4
−0.4
TATO
04:08:48.6
Δ=138.7
0.2
−0.2
RSNT
04:08:48.9
Δ=138.9
0.2
−0.2
COL
04:09:12.7
Δ=153.3
0.5
−0.5
MAJO
04:09:15.8
Δ=155.4
0.1
−0.1
0
10
20
30
40
50
Time (min)

IPZ 14 June 1986 03:50:25.45 IPZ

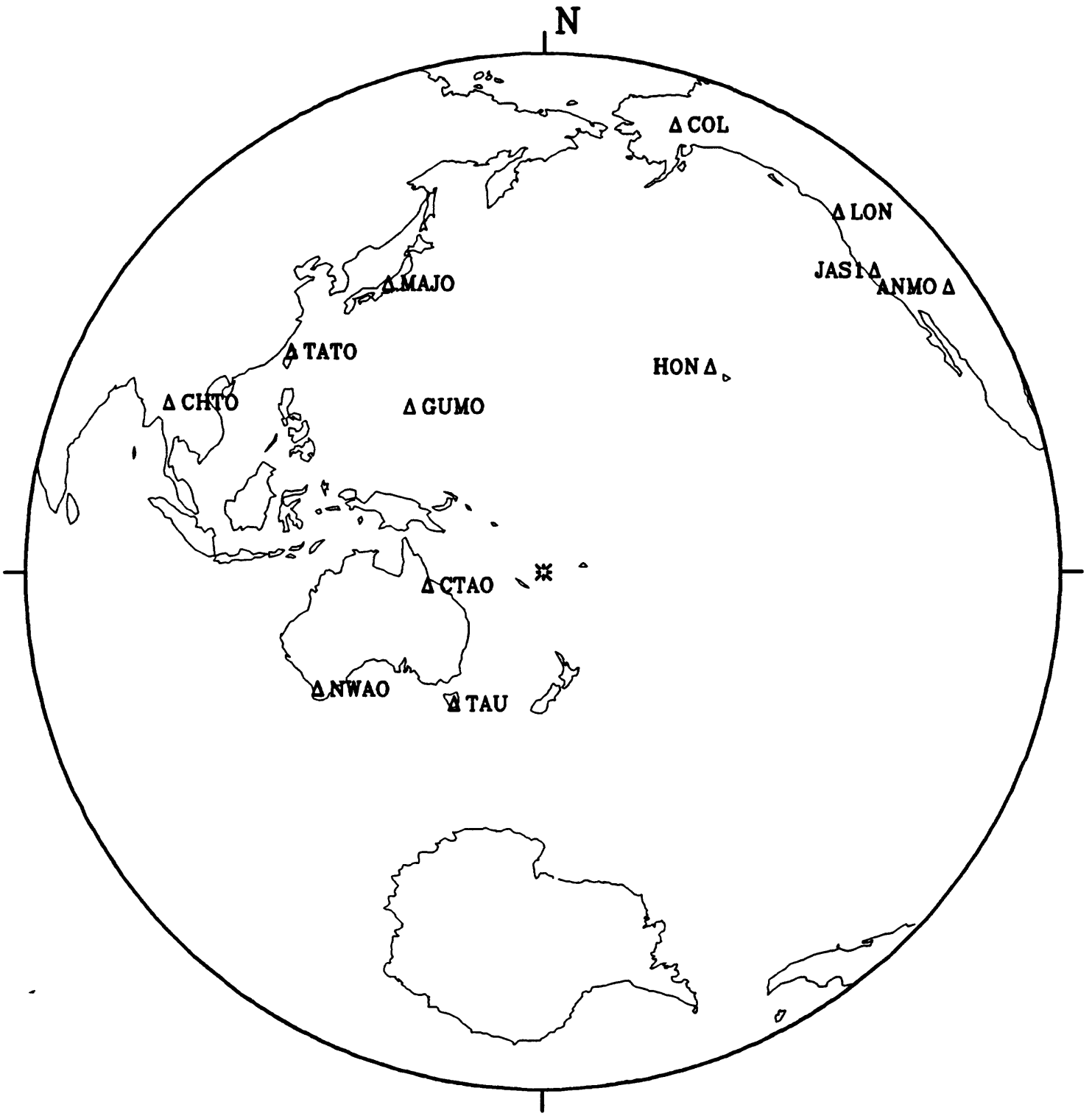
South Sandwich Islands Region h=33.0 m_b=5.9 M_{SZ}=5.0

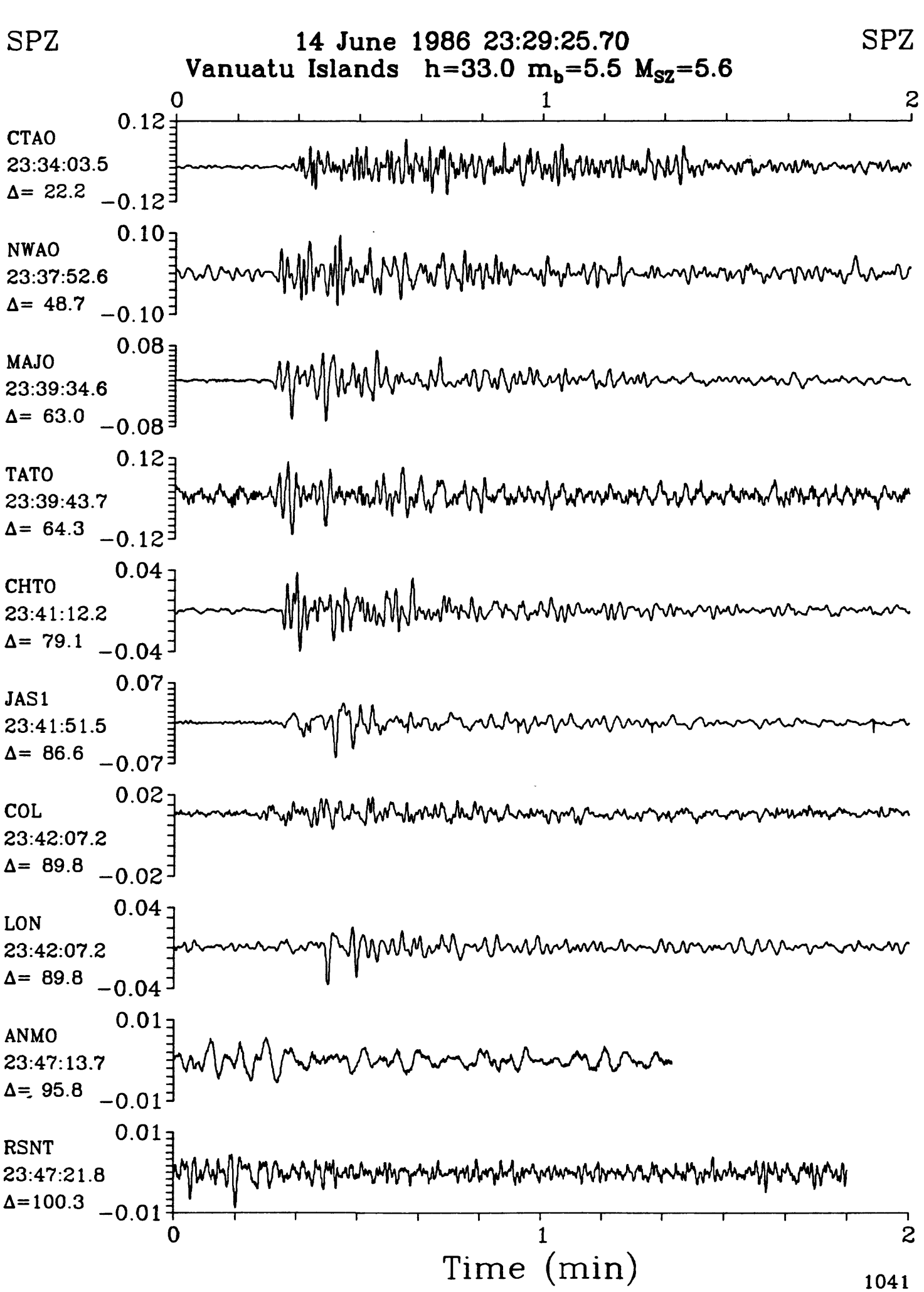


Time (min)

14 June 1986 23:29:25.70

Vanuatu Islands



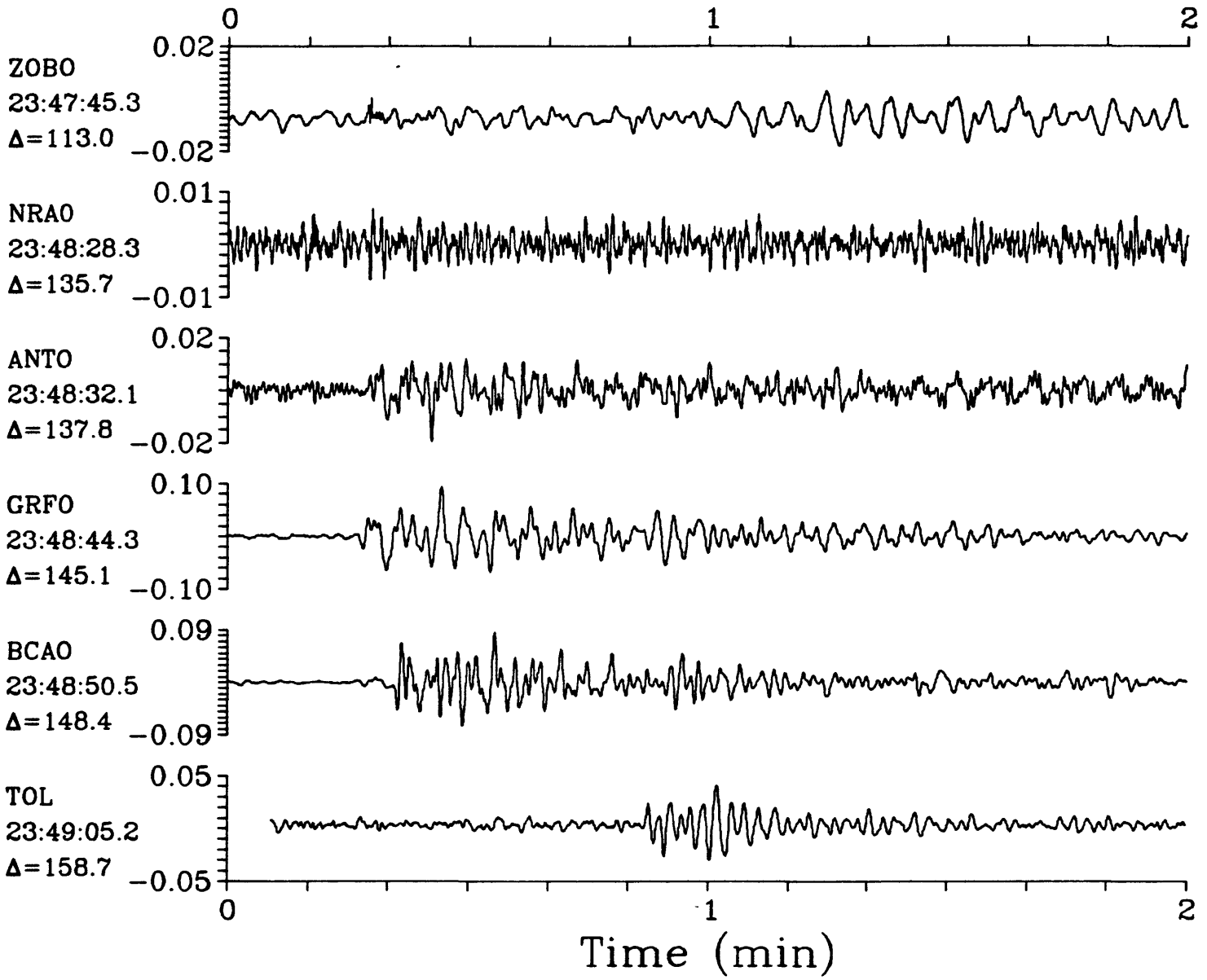

SPZ
14 June 1986 23:29:25.70
Vanuatu Islands h=33.0 m_b=5.5 M_{SZ}=5.6
SPZ
0
1
2
CTAO
23:34:03.5
Δ= 22.2
0.12
-0.12
NWAO
23:37:52.6
Δ= 48.7
0.10
-0.10
MAJO
23:39:34.6
Δ= 63.0
0.08
-0.08
TATO
23:39:43.7
Δ= 64.3
0.12
-0.12
CHTO
23:41:12.2
Δ= 79.1
0.04
-0.04
JAS1
23:41:51.5
Δ= 86.6
0.07
-0.07
COL
23:42:07.2
Δ= 89.8
0.02
-0.02
LON
23:42:07.2
Δ= 89.8
0.04
-0.04
ANMO
23:47:13.7
Δ= 95.8
0.01
-0.01
RSNT
23:47:21.8
Δ=100.3
0.01
-0.01
0
1
2
Time (min)
1041

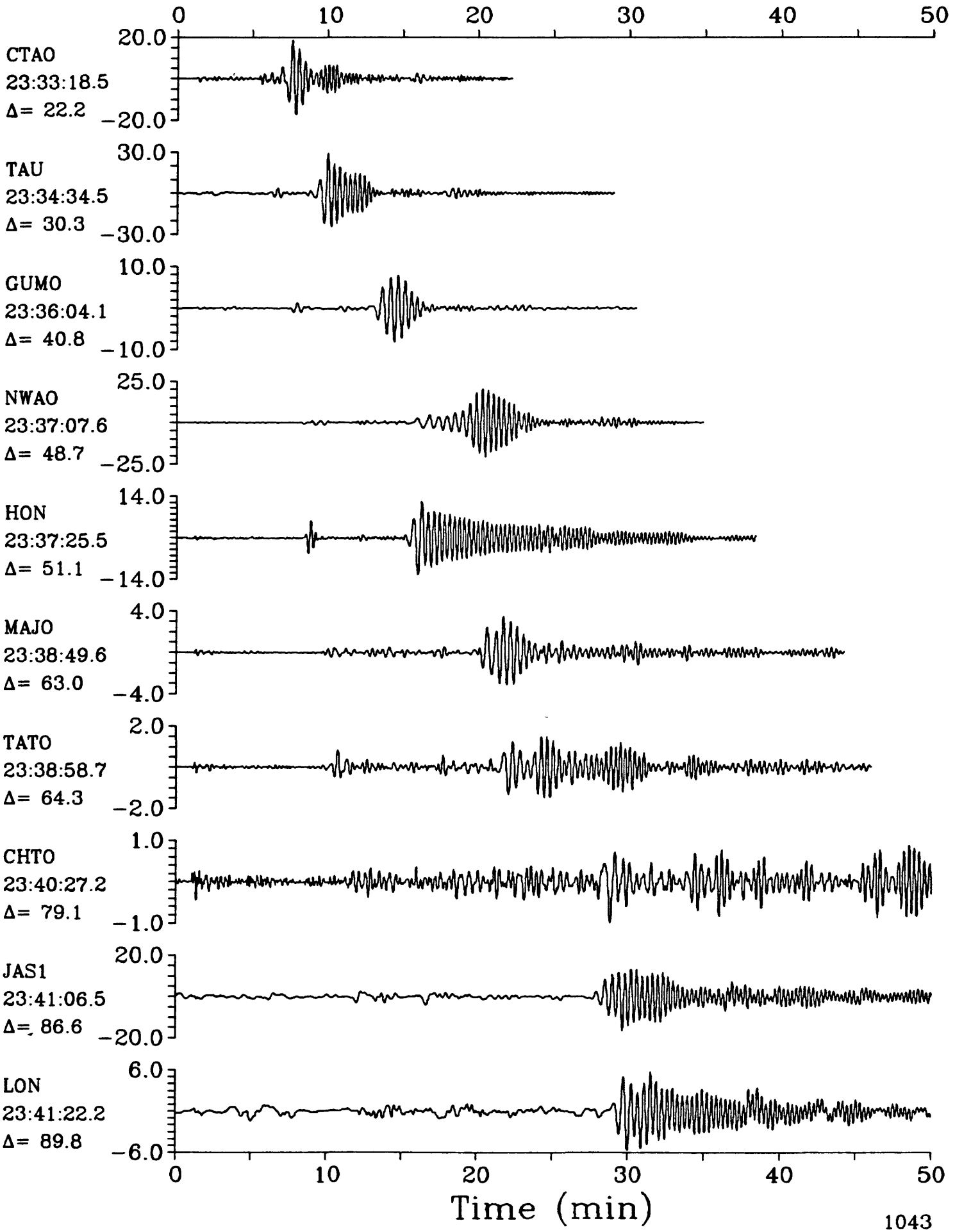
SPZ

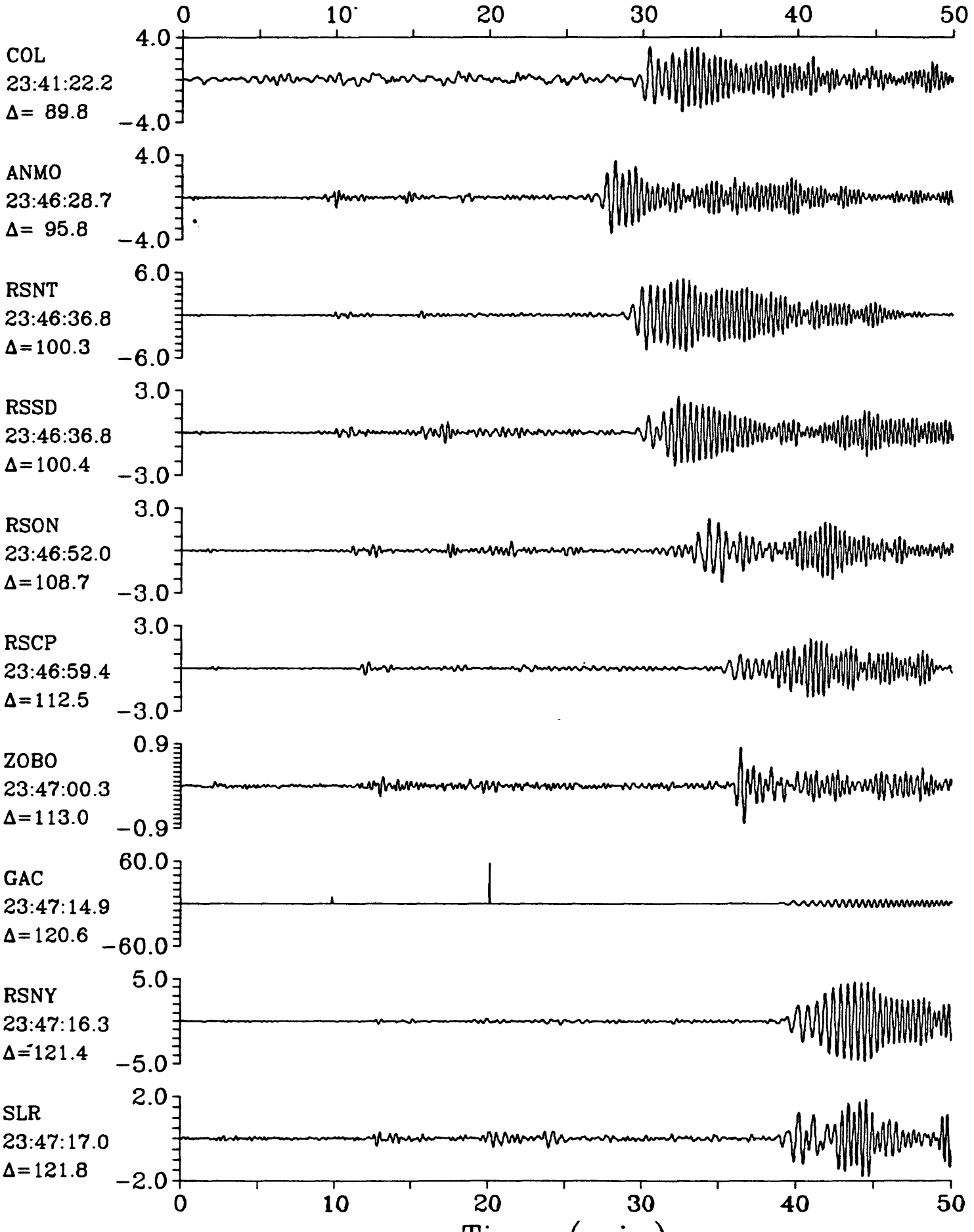
14 June 1986 23:29:25.70

Vanuatu Islands h=33.0 m_b=5.5 M_{SZ}=5.6

SPZ



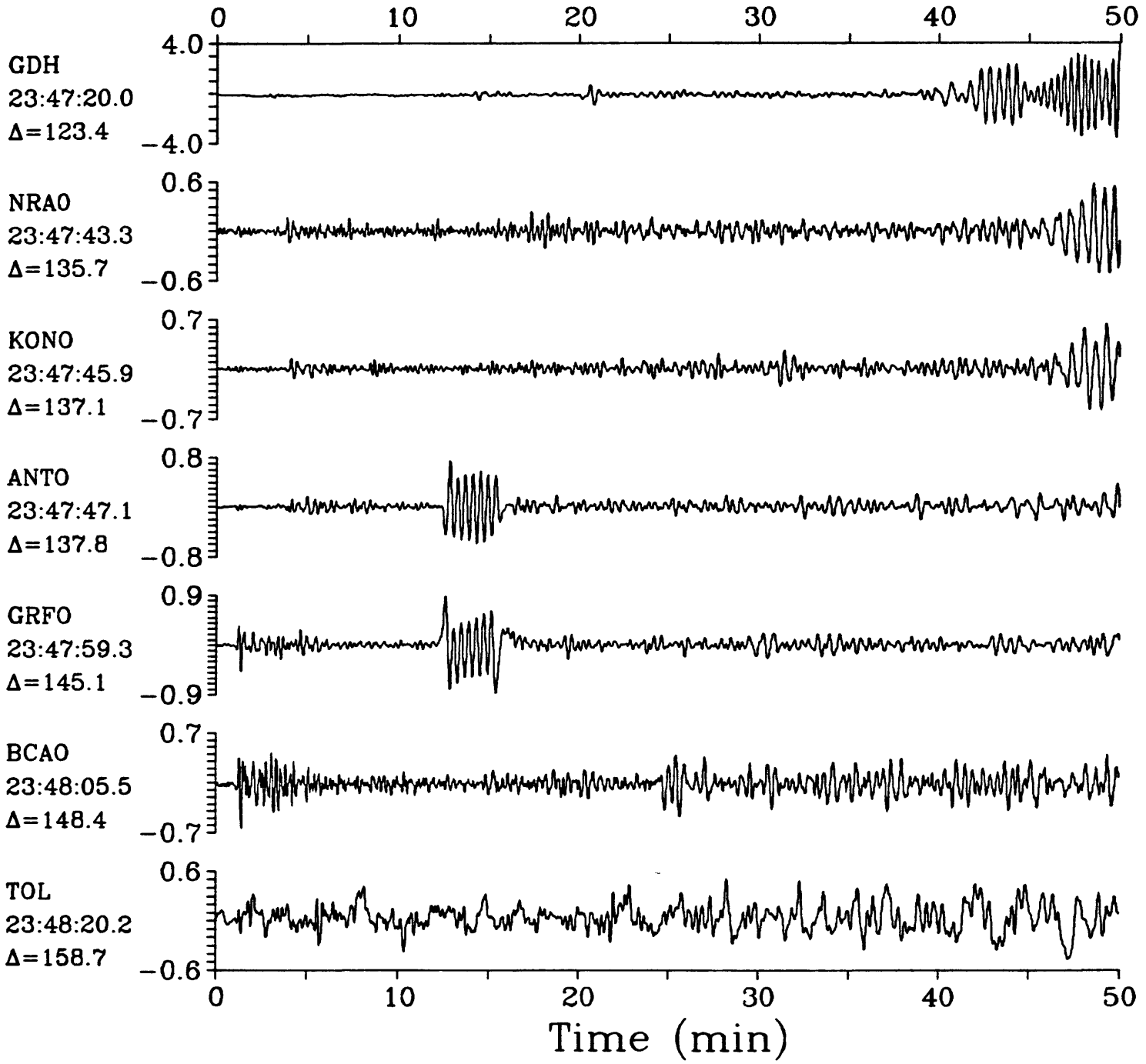

LPZ
14 June 1986 23:29:25.70
Vanuatu Islands h=33.0 m_b=5.5 M_{SZ}=5.6
LPZ
0
10
20
30
40
50
CTAO
23:33:18.5
Δ= 22.2
20.0
-20.0
TAU
23:34:34.5
Δ= 30.3
30.0
-30.0
GUMO
23:36:04.1
Δ= 40.8
10.0
-10.0
NWAO
23:37:07.6
Δ= 48.7
25.0
-25.0
HON
23:37:25.5
Δ= 51.1
14.0
-14.0
MAJO
23:38:49.6
Δ= 63.0
4.0
-4.0
TATO
23:38:58.7
Δ= 64.3
2.0
-2.0
CHTO
23:40:27.2
Δ= 79.1
1.0
-1.0
JAS1
23:41:06.5
Δ= 86.6
20.0
-20.0
LON
23:41:22.2
Δ= 89.8
6.0
-6.0
0
10
20
30
40
50
Time (min)
1043


LPZ
14 June 1986 23:29:25.70
Vanuatu Islands h=33.0 m_b=5.5 M_{SZ}=5.6
LPZ
0
10
20
30
40
50
COL
23:41:22.2
Δ= 89.8
4.0
-4.0
ANMO
23:46:28.7
Δ= 95.8
4.0
-4.0
RSNT
23:46:36.8
Δ=100.3
6.0
-6.0
RSSD
23:46:36.8
Δ=100.4
3.0
-3.0
RSON
23:46:52.0
Δ=108.7
3.0
-3.0
RSCP
23:46:59.4
Δ=112.5
3.0
-3.0
ZOBO
23:47:00.3
Δ=113.0
0.9
-0.9
GAC
23:47:14.9
Δ=120.6
60.0
-60.0
RSNY
23:47:16.3
Δ=121.4
5.0
-5.0
SLR
23:47:17.0
Δ=121.8
2.0
-2.0
0
10
20
30
40
50
Time (min)

14 June 1986 23:29:25.70

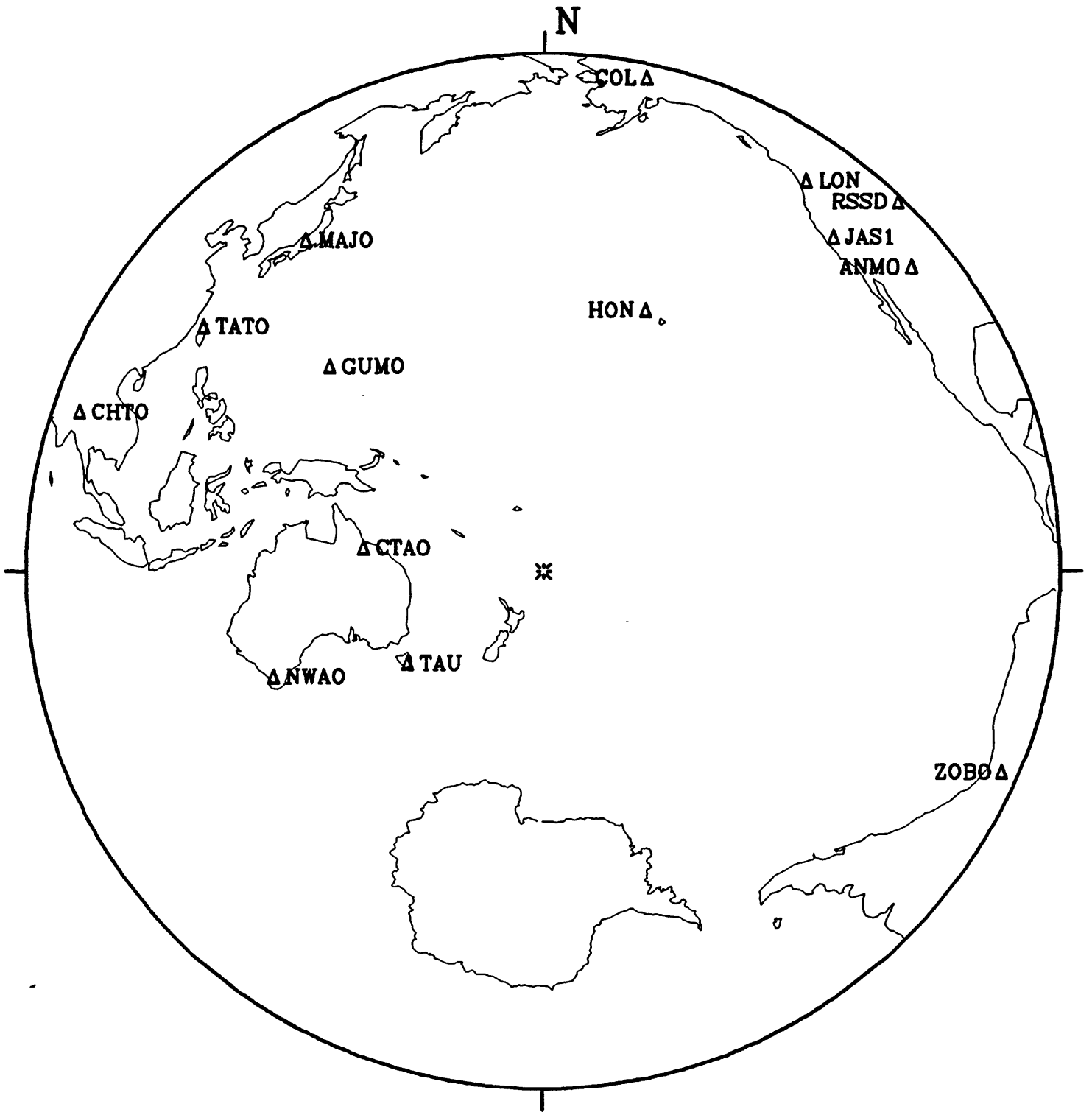
Vanuatu Islands h=33.0 m_b=5.5 M_{SZ}=5.6

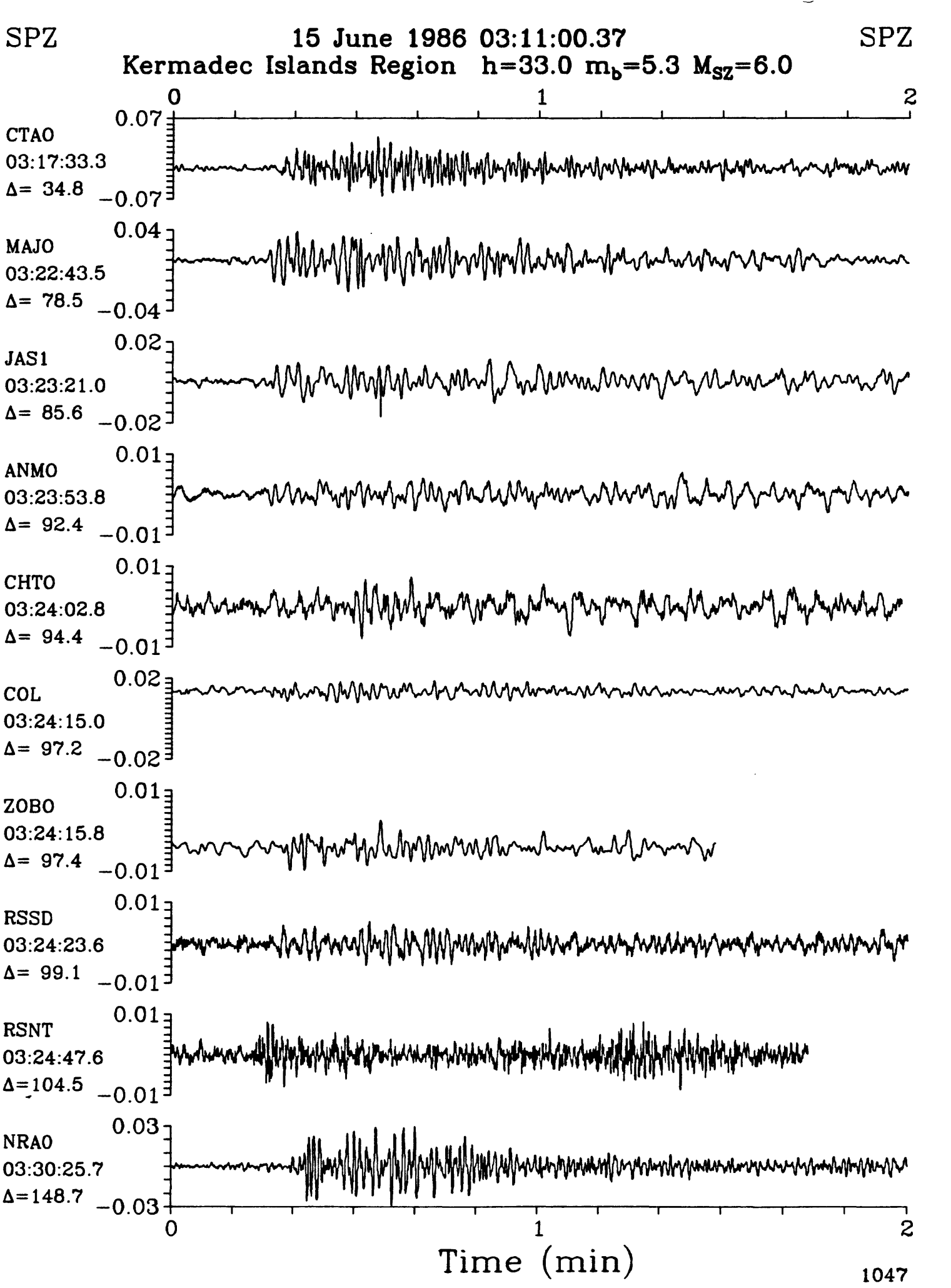
LPZ



15 June 1986 03:11:00.37

Kermadec Islands Region



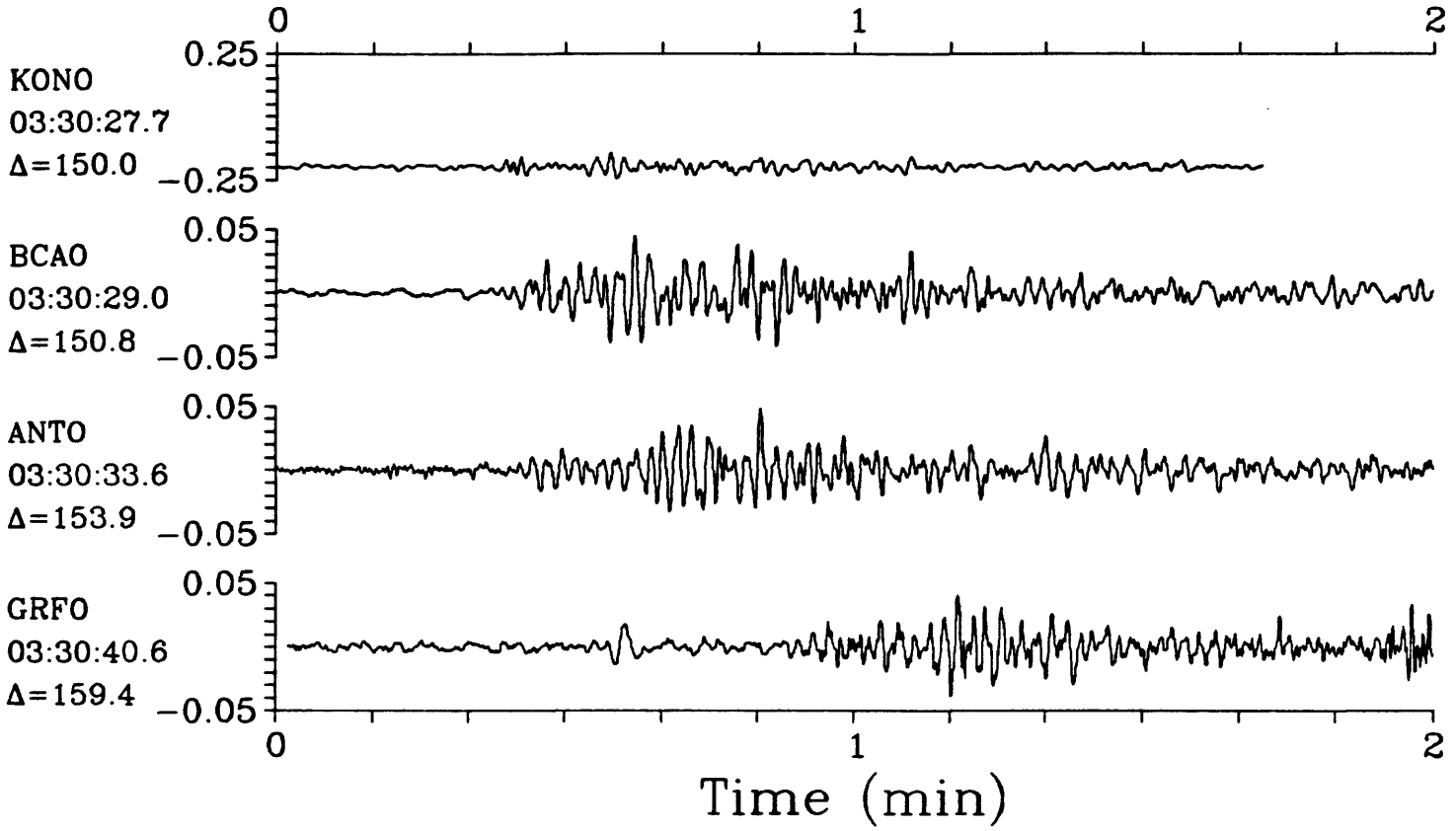

SPZ
15 June 1986 03:11:00.37
SPZ
Kermadec Islands Region h=33.0 m_b=5.3 M_{SZ}=6.0
0
1
2
0.07
CTAO
03:17:33.3
Δ= 34.8
−0.07
0.04
MAJO
03:22:43.5
Δ= 78.5
−0.04
0.02
JAS1
03:23:21.0
Δ= 85.6
−0.02
0.01
ANMO
03:23:53.8
Δ= 92.4
−0.01
0.01
CHTO
03:24:02.8
Δ= 94.4
−0.01
0.02
COL
03:24:15.0
Δ= 97.2
−0.02
0.01
ZOBO
03:24:15.8
Δ= 97.4
−0.01
0.01
RSSD
03:24:23.6
Δ= 99.1
−0.01
0.01
RSNT
03:24:47.6
Δ=104.5
−0.01
0.03
NRAO
03:30:25.7
Δ=148.7
−0.03
0
1
2
Time (min)
1047

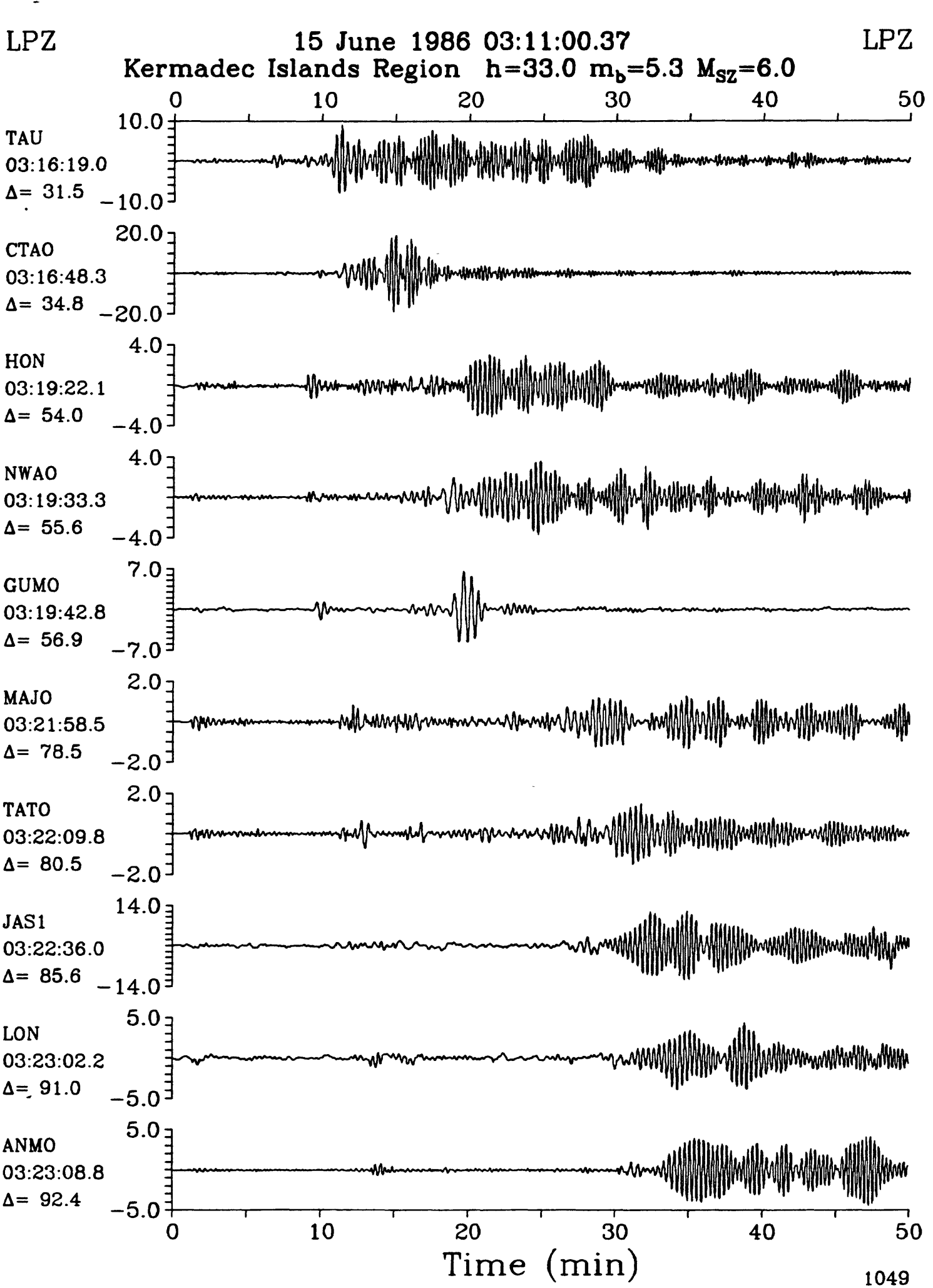
SPZ

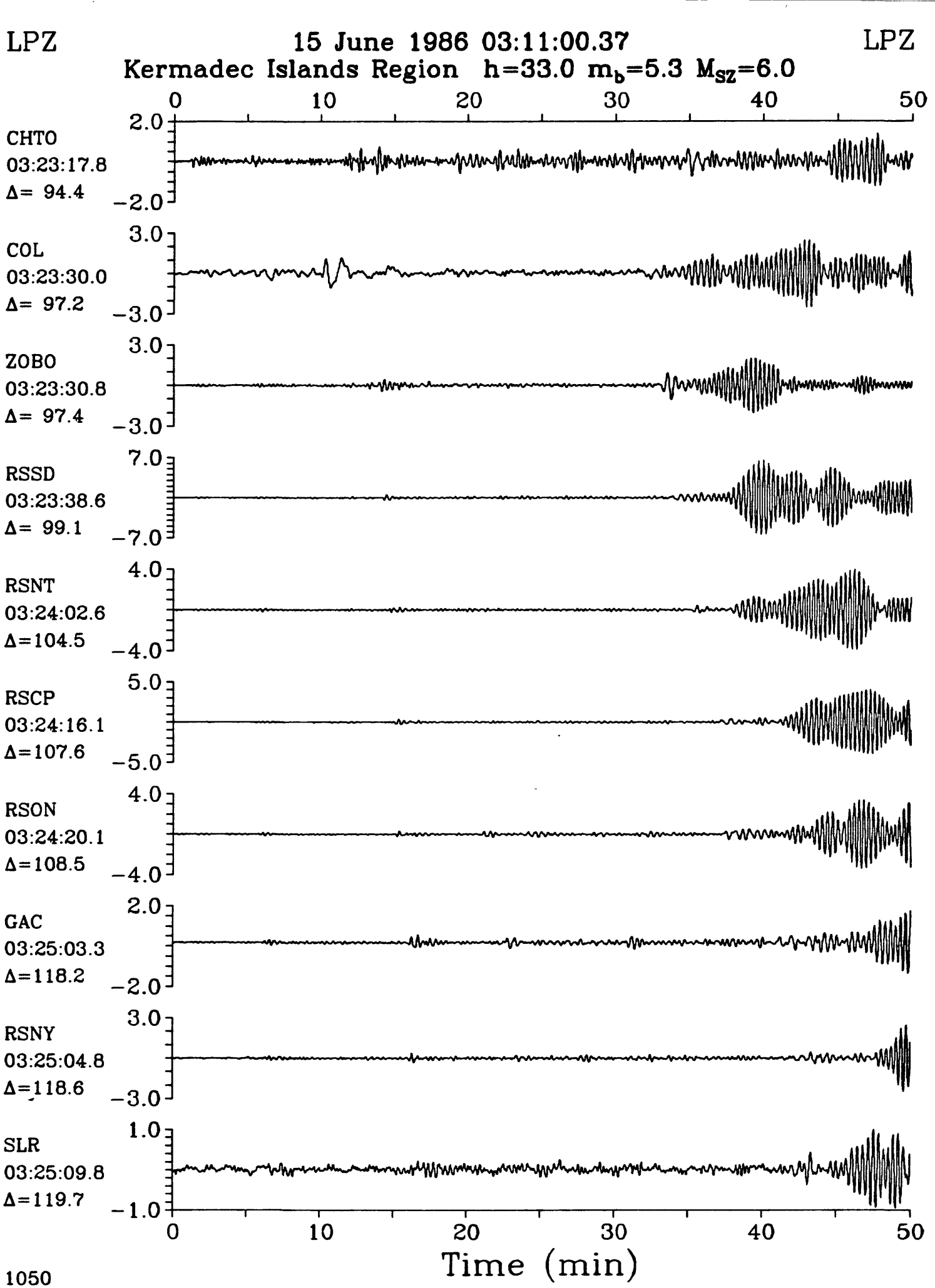
15 June 1986 03:11:00.37

SPZ

Kermadec Islands Region h=33.0 m_b=5.3 M_{SZ}=6.0



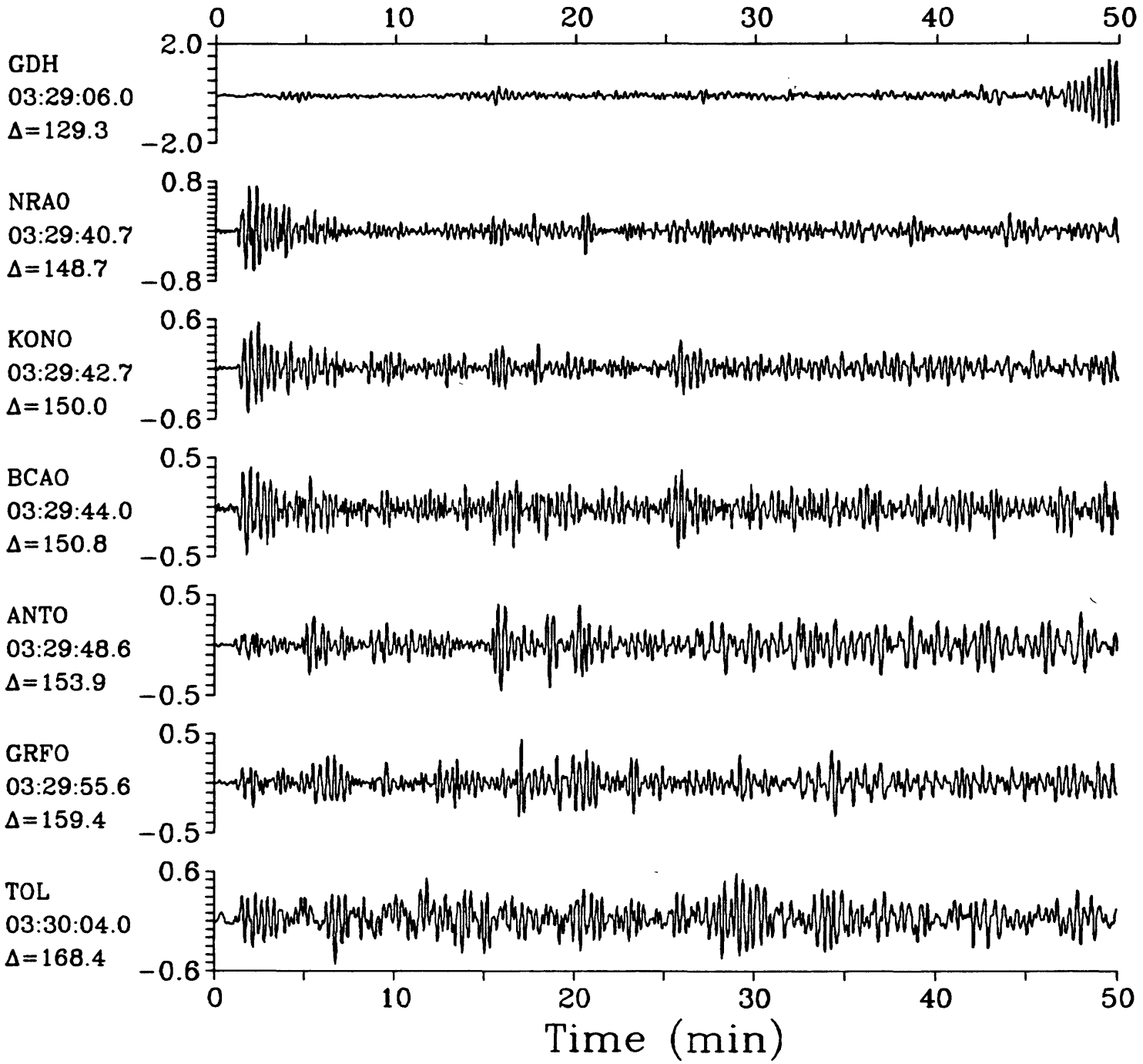

LPZ
15 June 1986 03:11:00.37
LPZ
Kermadec Islands Region h=33.0 m_b=5.3 M_{SZ}=6.0
0
10
20
30
40
50
TAU
03:16:19.0
Δ= 31.5
10.0
-10.0
CTAO
03:16:48.3
Δ= 34.8
20.0
-20.0
HON
03:19:22.1
Δ= 54.0
4.0
-4.0
NWAO
03:19:33.3
Δ= 55.6
4.0
-4.0
GUMO
03:19:42.8
Δ= 56.9
7.0
-7.0
MAJO
03:21:58.5
Δ= 78.5
2.0
-2.0
TATO
03:22:09.8
Δ= 80.5
2.0
-2.0
JAS1
03:22:36.0
Δ= 85.6
14.0
-14.0
LON
03:23:02.2
Δ= 91.0
5.0
-5.0
ANMO
03:23:08.8
Δ= 92.4
5.0
-5.0
0
10
20
30
40
50
Time (min)
1049


LPZ
15 June 1986 03:11:00.37
LPZ
Kermadec Islands Region h=33.0 m_b=5.3 M_{SZ}=6.0
0
10
20
30
40
50
CHTO
03:23:17.8
Δ= 94.4
2.0
-2.0
COL
03:23:30.0
Δ= 97.2
3.0
-3.0
ZOBO
03:23:30.8
Δ= 97.4
3.0
-3.0
RSSD
03:23:38.6
Δ= 99.1
7.0
-7.0
RSNT
03:24:02.6
Δ=104.5
4.0
-4.0
RSCP
03:24:16.1
Δ=107.6
5.0
-5.0
RSON
03:24:20.1
Δ=108.5
4.0
-4.0
GAC
03:25:03.3
Δ=118.2
2.0
-2.0
RSNY
03:25:04.8
Δ=118.6
3.0
-3.0
SLR
03:25:09.8
Δ=119.7
1.0
-1.0
0
10
20
30
40
50
Time (min)

15 June 1986 03:11:00.37

LPZ

Kermadec Islands Region h=33.0 m_b=5.3 M_{SZ}=6.0

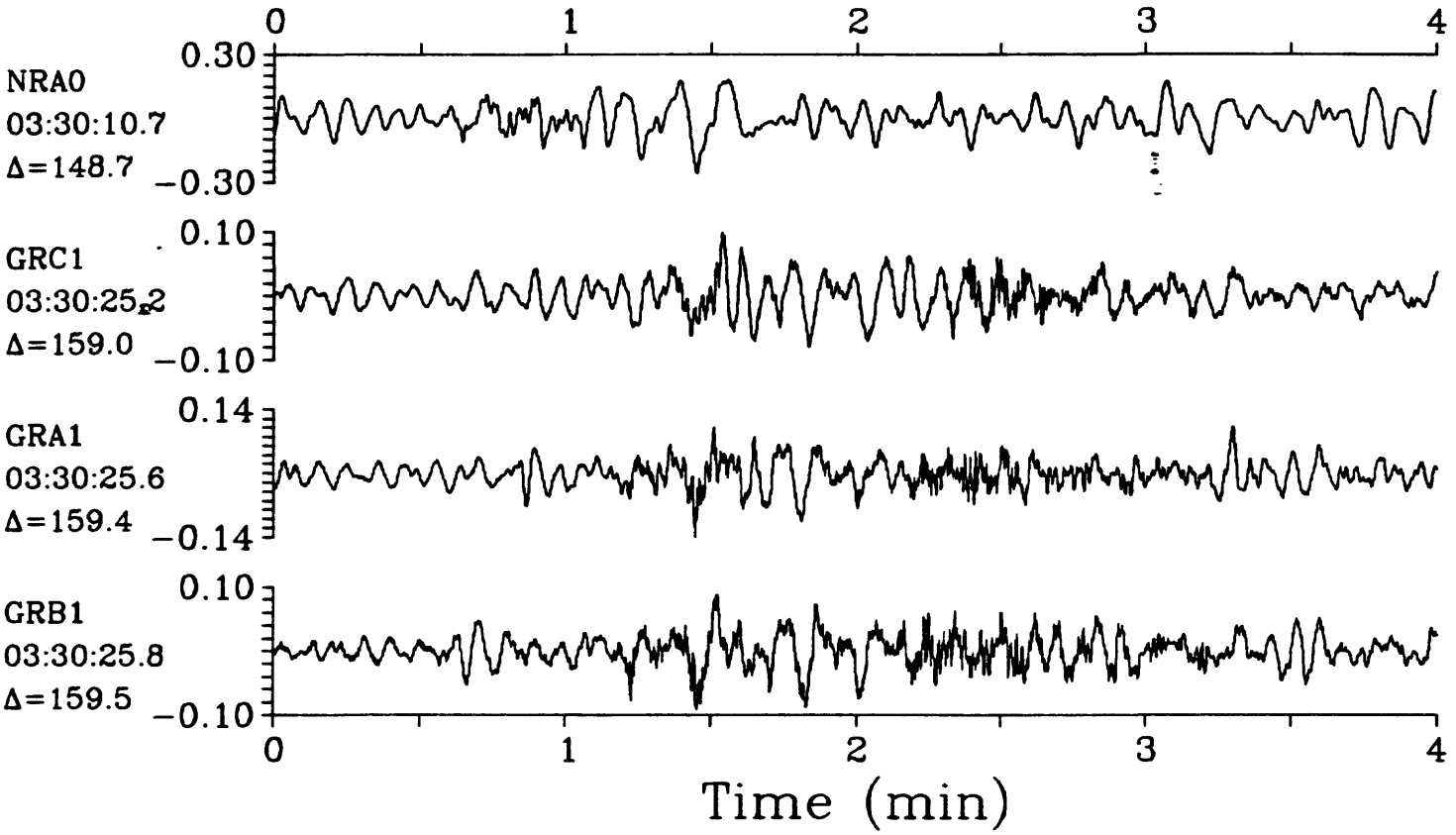


IPZ

15 June 1986 03:11:00.37

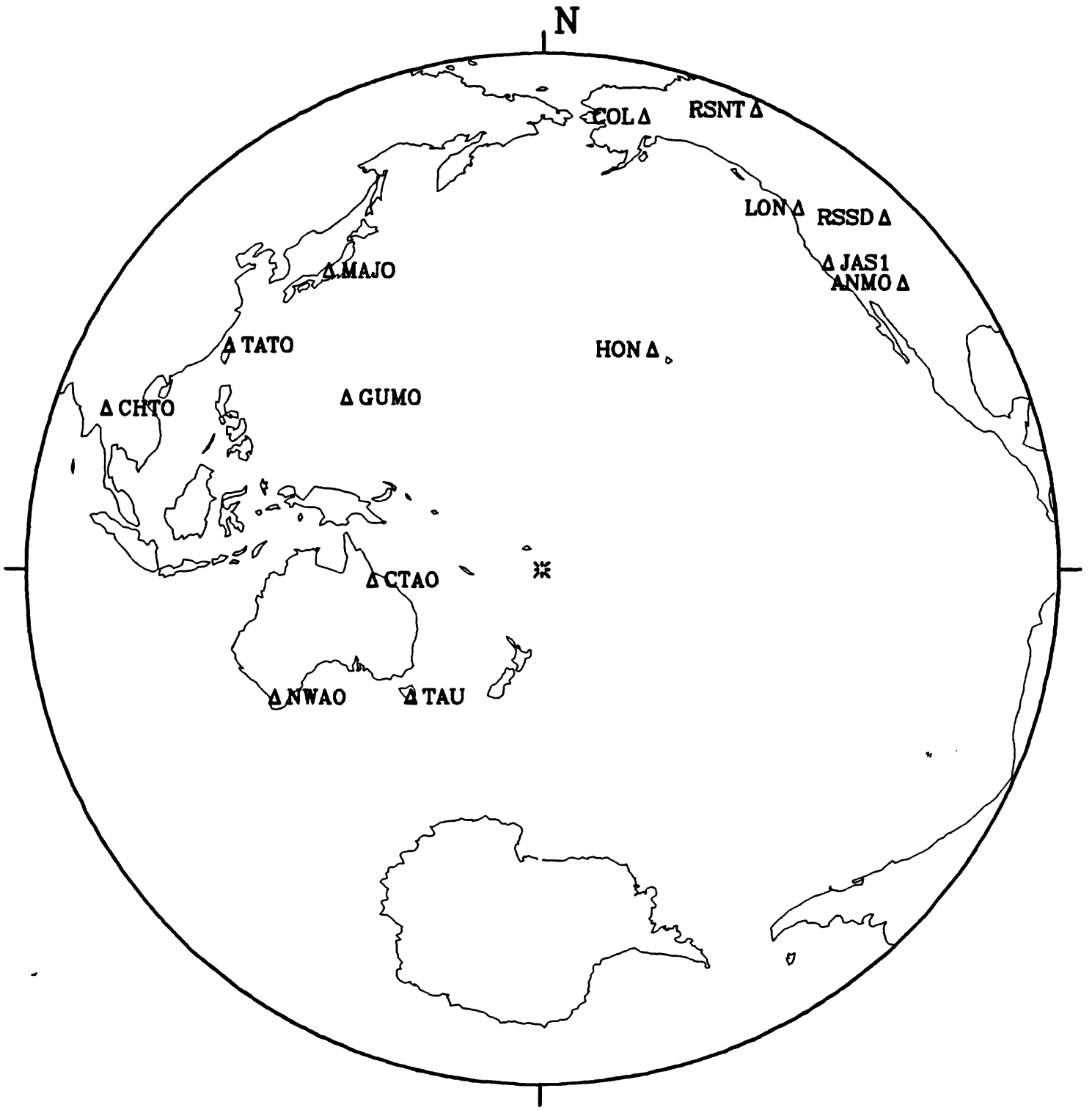
IPZ

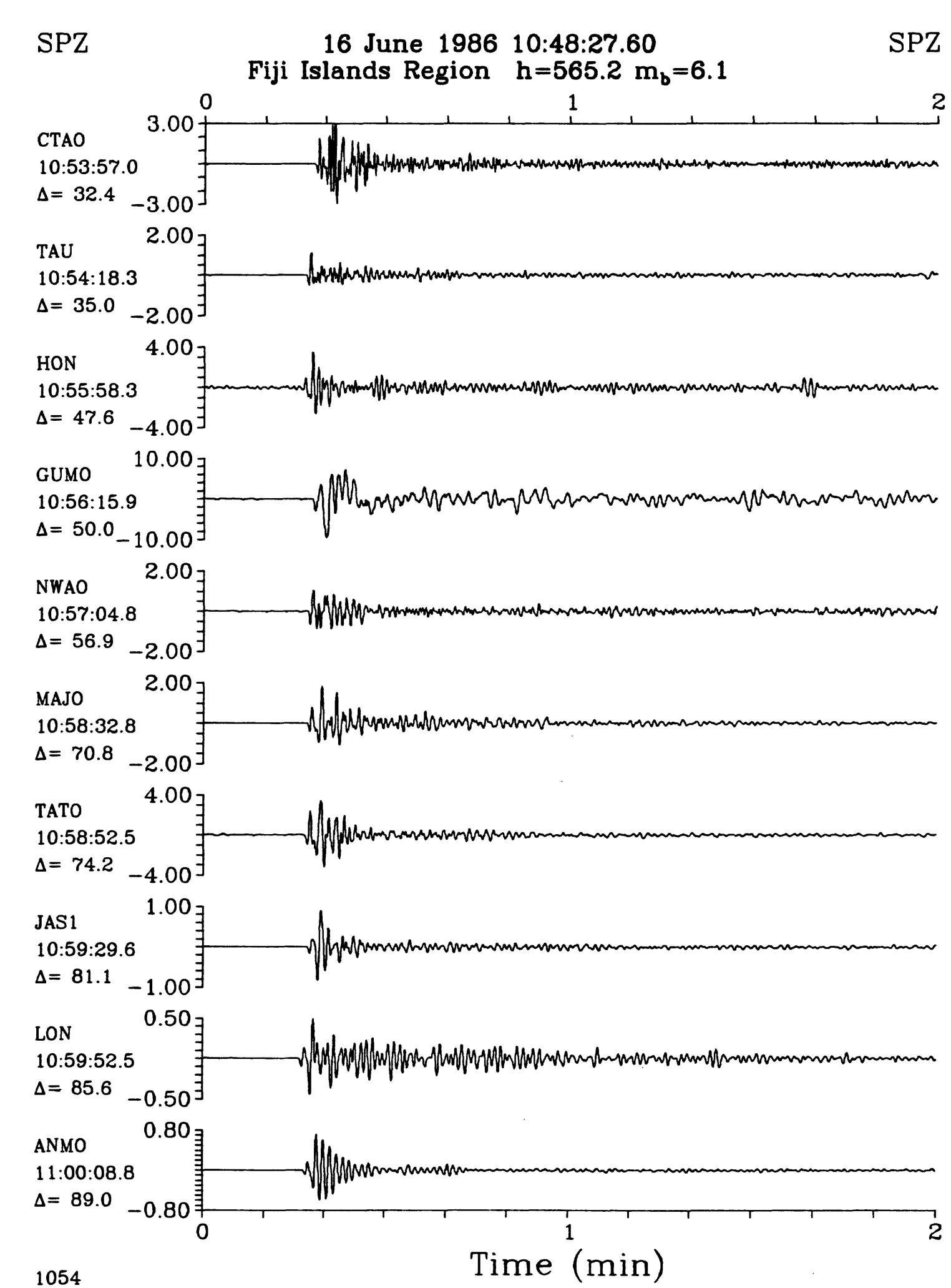
Kermadec Islands Region h=33.0 m_b=5.3 M_{SZ}=6.0

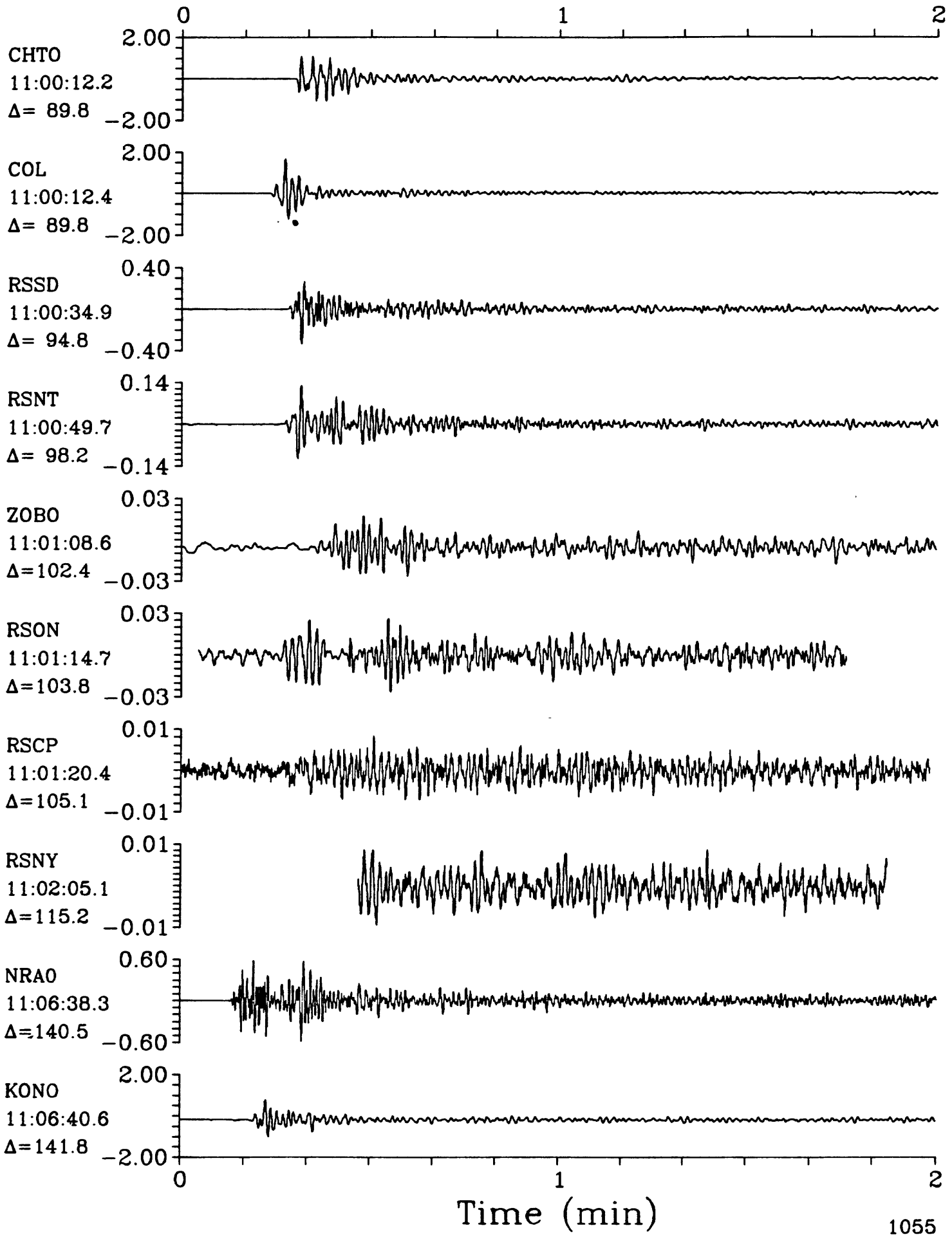


16 June 1986 10:48:27.60

Fiji Islands Region




SPZ
16 June 1986 10:48:27.60
Fiji Islands Region h=565.2 m_b=6.1
SPZ
0
1
2
CTAO
10:53:57.0
Δ= 32.4
3.00
-3.00
TAU
10:54:18.3
Δ= 35.0
2.00
-2.00
HON
10:55:58.3
Δ= 47.6
4.00
-4.00
GUMO
10:56:15.9
Δ= 50.0
10.00
-10.00
NWAO
10:57:04.8
Δ= 56.9
2.00
-2.00
MAJO
10:58:32.8
Δ= 70.8
2.00
-2.00
TATO
10:58:52.5
Δ= 74.2
4.00
-4.00
JAS1
10:59:29.6
Δ= 81.1
1.00
-1.00
LON
10:59:52.5
Δ= 85.6
0.50
-0.50
ANMO
11:00:08.8
Δ= 89.0
0.80
-0.80
0
1
2
Time (min)
1054

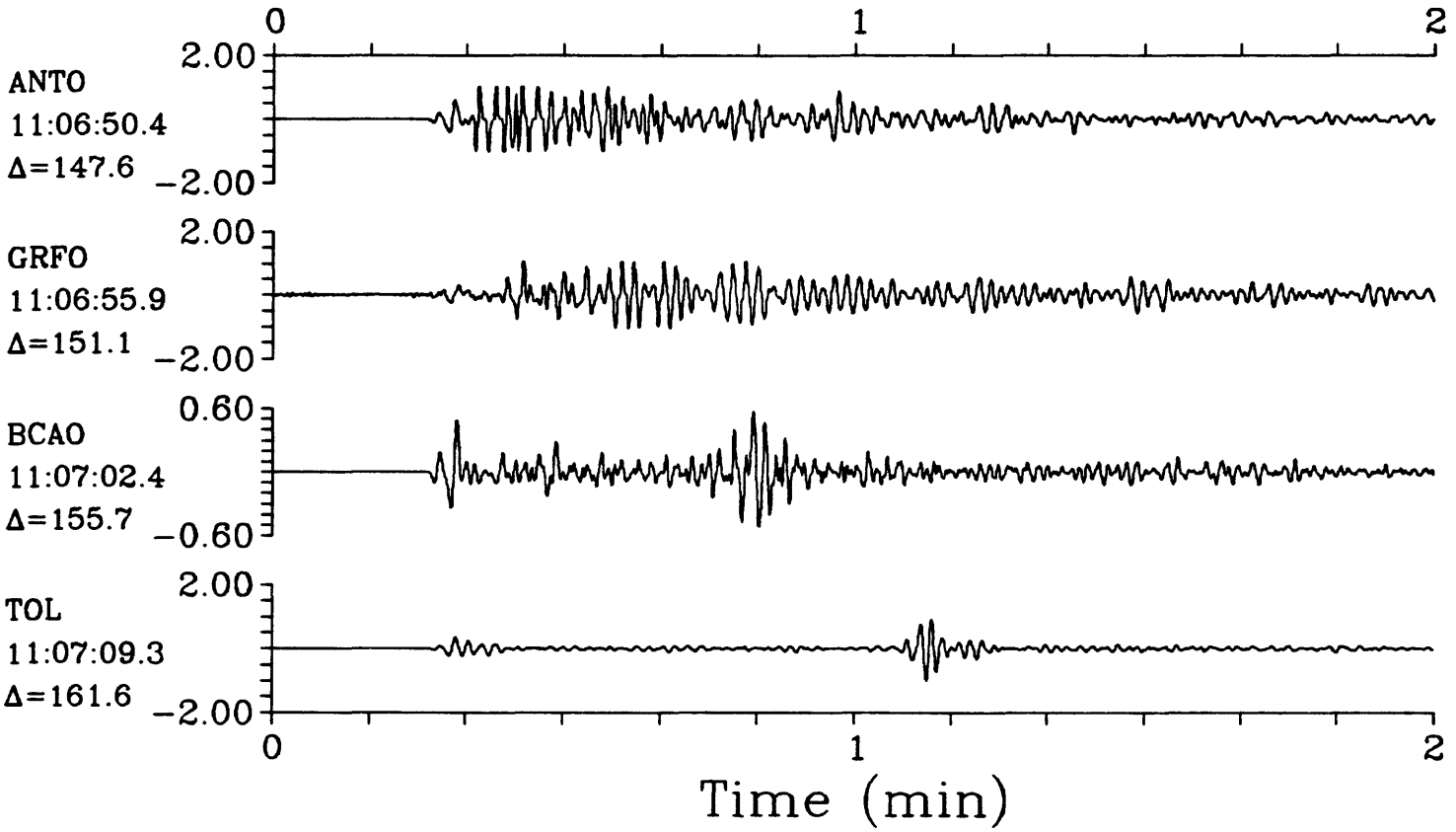

SPZ
16 June 1986 10:48:27.60
Fiji Islands Region h=565.2 m_b=6.1
SPZ
0
1
2
CHTO
11:00:12.2
Δ= 89.8
2.00
-2.00
COL
11:00:12.4
Δ= 89.8
2.00
-2.00
RSSD
11:00:34.9
Δ= 94.8
0.40
-0.40
RSNT
11:00:49.7
Δ= 98.2
0.14
-0.14
ZOBO
11:01:08.6
Δ=102.4
0.03
-0.03
RSON
11:01:14.7
Δ=103.8
0.03
-0.03
RSCP
11:01:20.4
Δ=105.1
0.01
-0.01
RSNY
11:02:05.1
Δ=115.2
0.01
-0.01
NRAO
11:06:38.3
Δ=140.5
0.60
-0.60
KONO
11:06:40.6
Δ=141.8
2.00
-2.00
0
1
2
Time (min)
1055

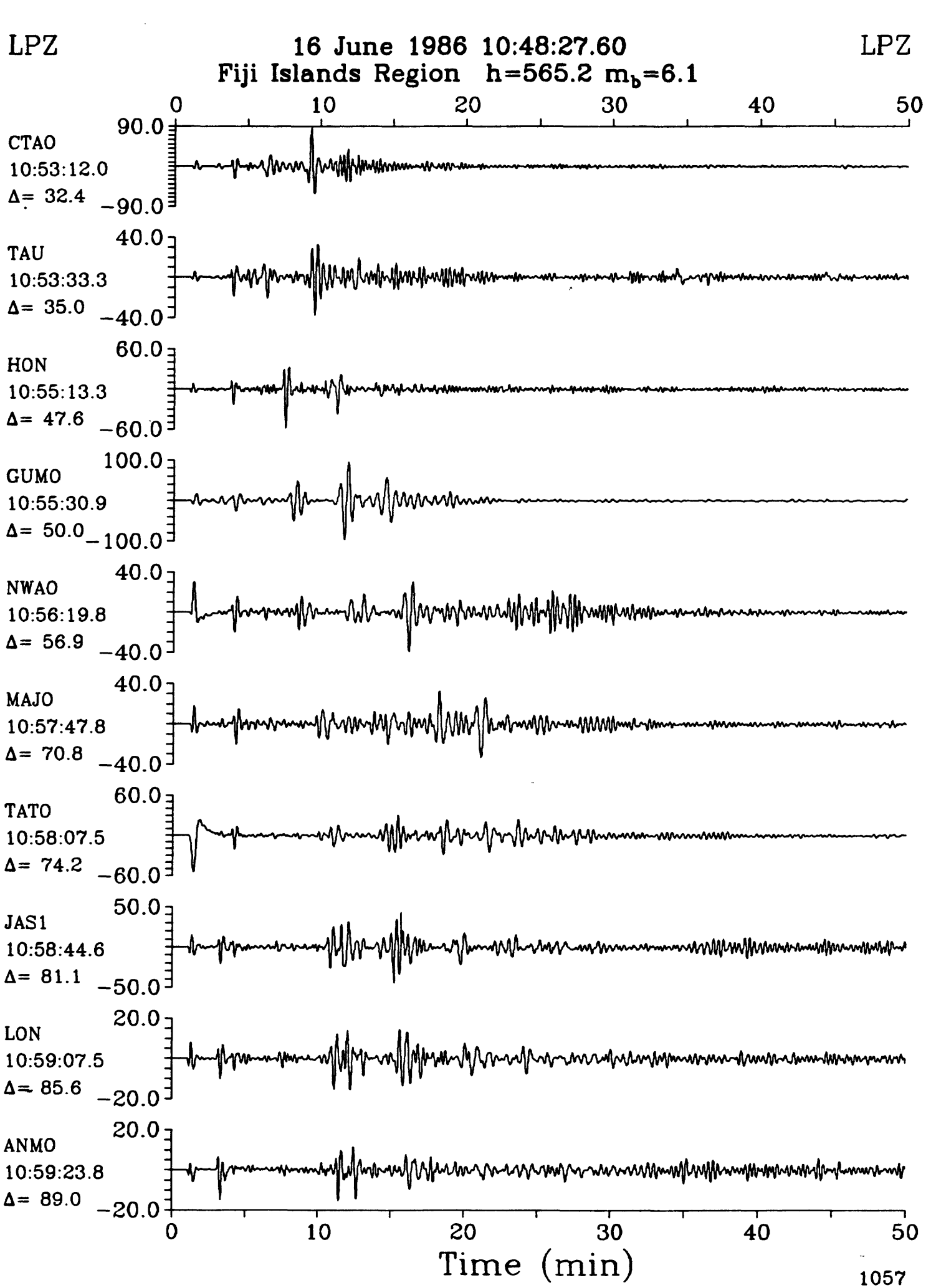
SPZ

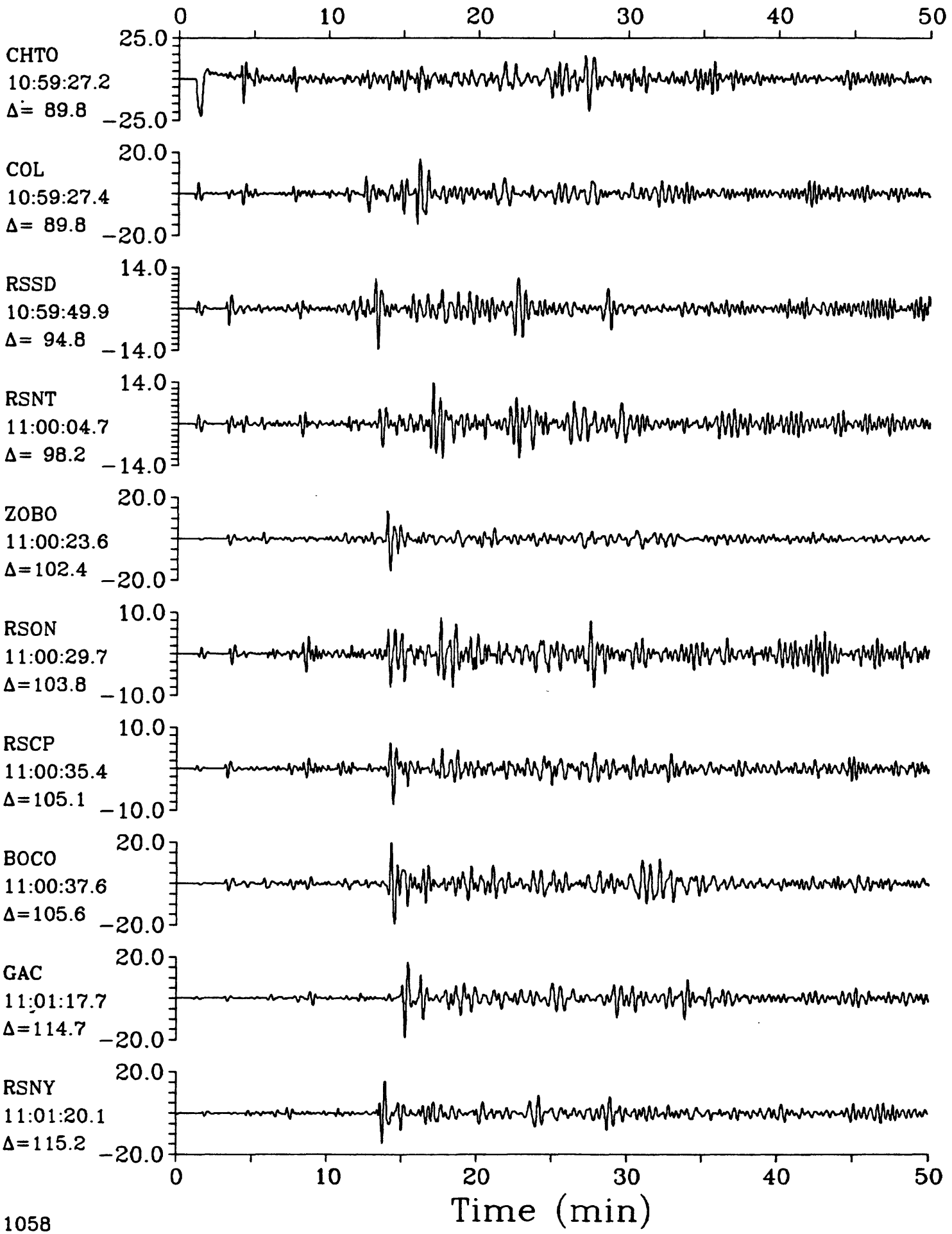
16 June 1986 10:48:27.60

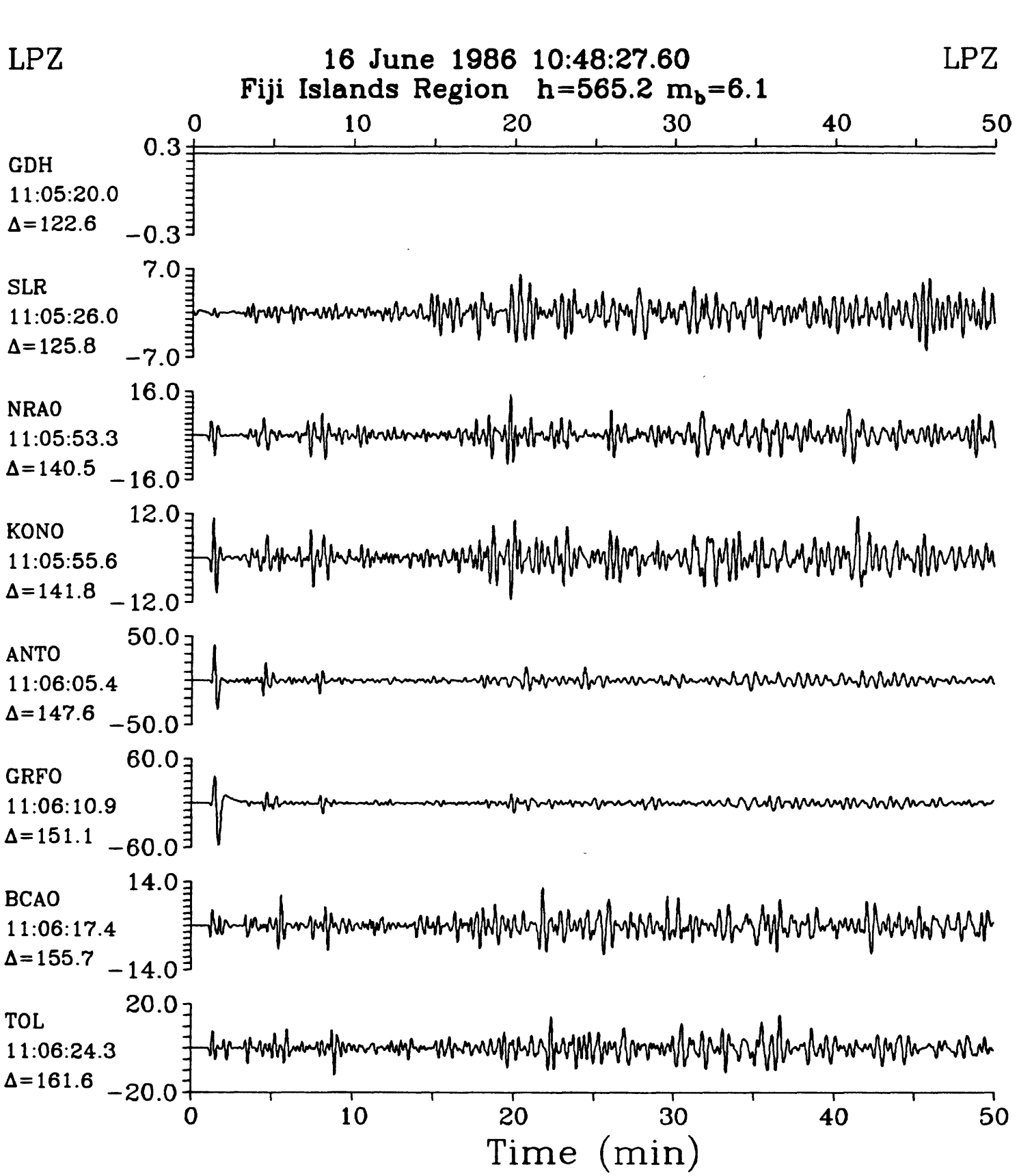
Fiji Islands Region h=565.2 m_b=6.1

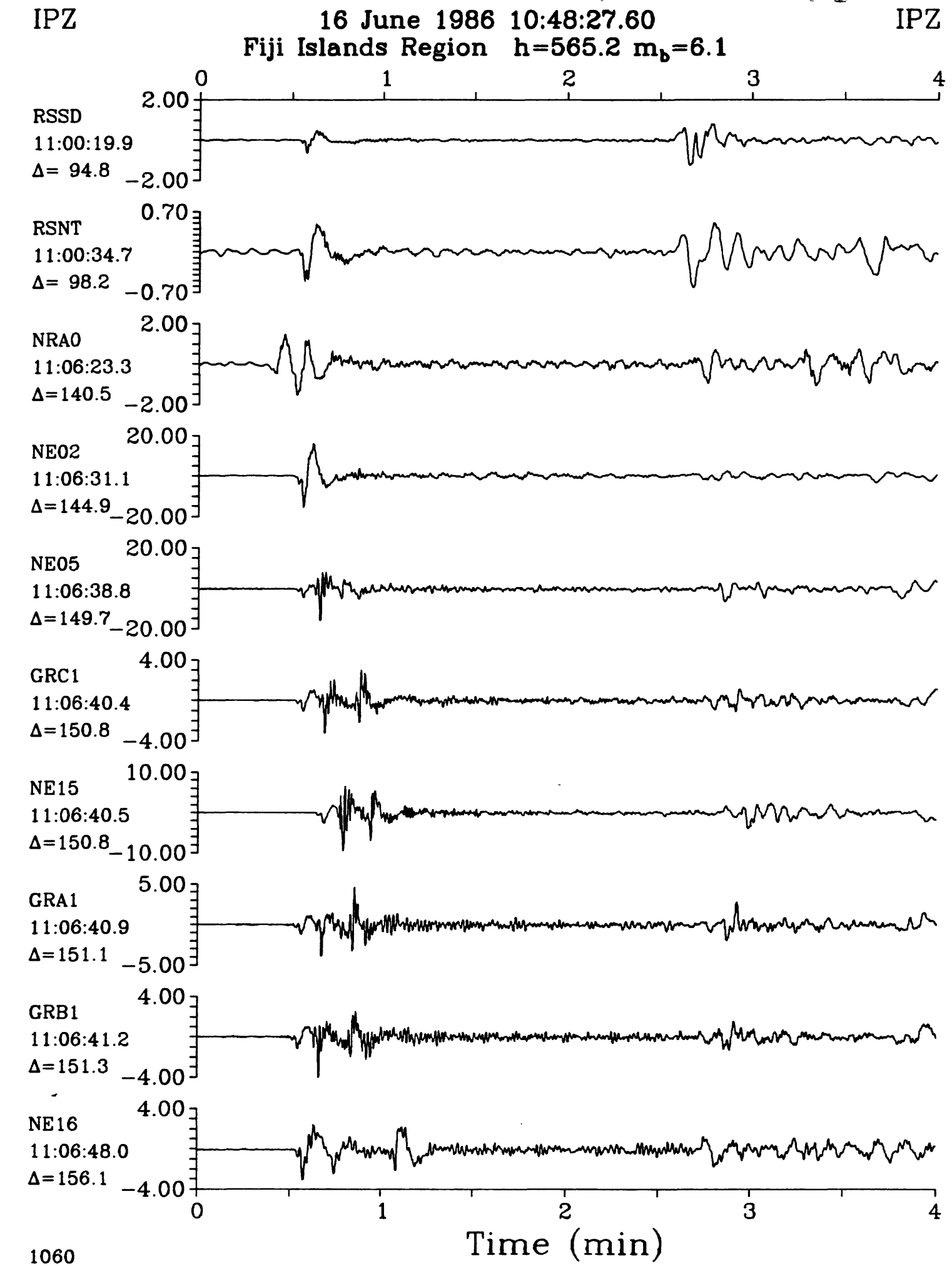
SPZ




LPZ
16 June 1986 10:48:27.60
Fiji Islands Region h=565.2 m_b=6.1
LPZ
0
10
20
30
40
50
CTAO
10:53:12.0
Δ= 32.4
90.0
-90.0
TAU
10:53:33.3
Δ= 35.0
40.0
-40.0
HON
10:55:13.3
Δ= 47.6
60.0
-60.0
GUMO
10:55:30.9
Δ= 50.0
100.0
-100.0
NWAO
10:56:19.8
Δ= 56.9
40.0
-40.0
MAJO
10:57:47.8
Δ= 70.8
40.0
-40.0
TATO
10:58:07.5
Δ= 74.2
60.0
-60.0
JAS1
10:58:44.6
Δ= 81.1
50.0
-50.0
LON
10:59:07.5
Δ= 85.6
20.0
-20.0
ANMO
10:59:23.8
Δ= 89.0
20.0
-20.0
0
10
20
30
40
50
Time (min)
1057


LPZ
16 June 1986 10:48:27.60
Fiji Islands Region h=565.2 m_b=6.1
LPZ
0
10
20
30
40
50
CHTO
10:59:27.2
Δ= 89.8
25.0
-25.0
COL
10:59:27.4
Δ= 89.8
20.0
-20.0
RSSD
10:59:49.9
Δ= 94.8
14.0
-14.0
RSNT
11:00:04.7
Δ= 98.2
14.0
-14.0
ZOBO
11:00:23.6
Δ=102.4
20.0
-20.0
RSON
11:00:29.7
Δ=103.8
10.0
-10.0
RSCP
11:00:35.4
Δ=105.1
10.0
-10.0
BOCO
11:00:37.6
Δ=105.6
20.0
-20.0
GAC
11:01:17.7
Δ=114.7
20.0
-20.0
RSNY
11:01:20.1
Δ=115.2
20.0
-20.0
0
10
20
30
40
50
Time (min)


LPZ
16 June 1986 10:48:27.60
Fiji Islands Region h=565.2 m_b=6.1
LPZ
0
10
20
30
40
50
0.3
GDH
11:05:20.0
Δ=122.6
-0.3
7.0
SLR
11:05:26.0
Δ=125.8
-7.0
16.0
NRAO
11:05:53.3
Δ=140.5
-16.0
12.0
KONO
11:05:55.6
Δ=141.8
-12.0
50.0
ANTO
11:06:05.4
Δ=147.6
-50.0
60.0
GRFO
11:06:10.9
Δ=151.1
-60.0
14.0
BCAO
11:06:17.4
Δ=155.7
-14.0
20.0
TOL
11:06:24.3
Δ=161.6
-20.0
0
10
20
30
40
50
Time (min)

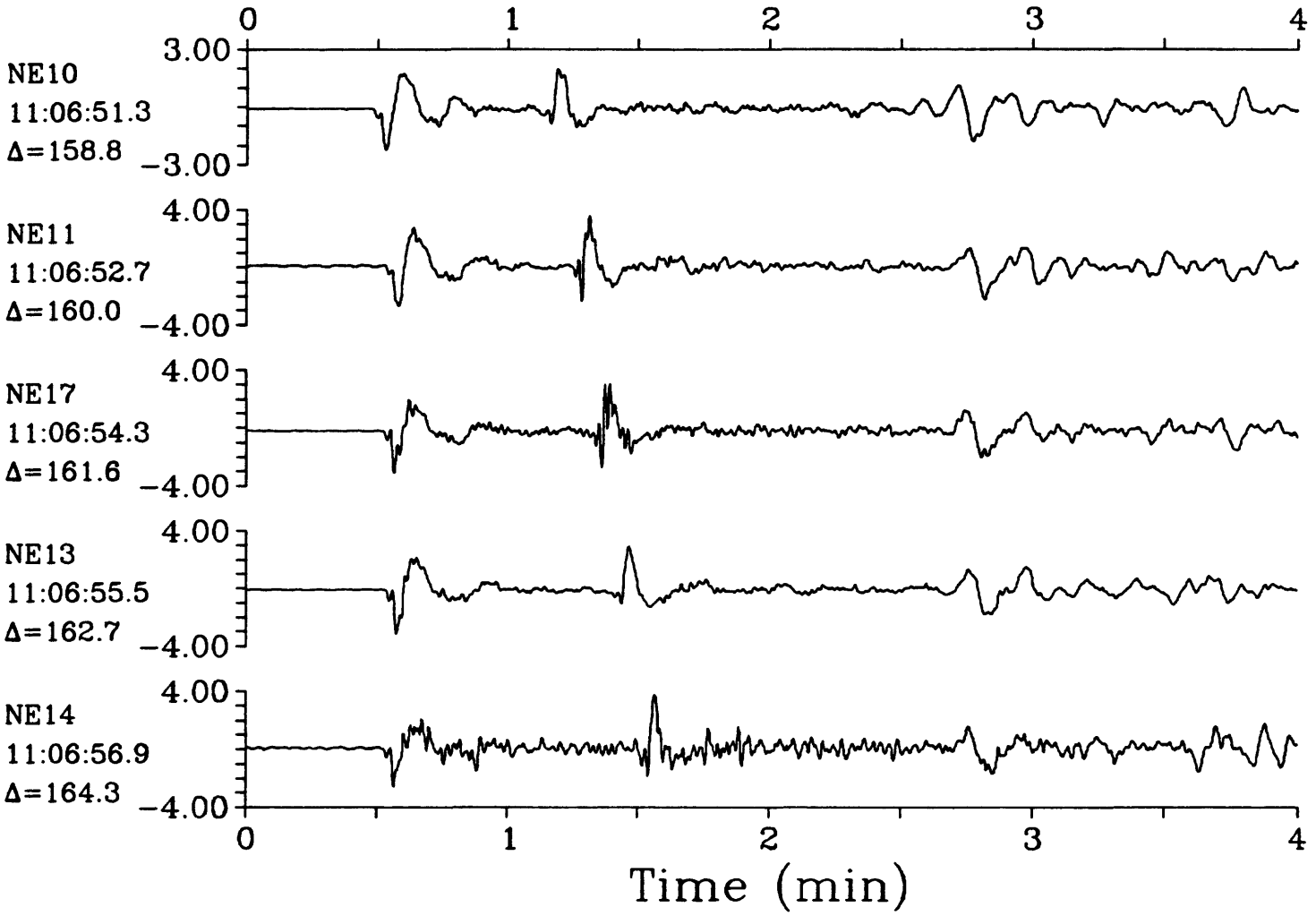

IPZ
16 June 1986 10:48:27.60
Fiji Islands Region h=565.2 m_b=6.1
IPZ
0
1
2
3
4
RSSD
11:00:19.9
Δ= 94.8
2.00
-2.00
RSNT
11:00:34.7
Δ= 98.2
0.70
-0.70
NRA0
11:06:23.3
Δ=140.5
2.00
-2.00
NE02
11:06:31.1
Δ=144.9
20.00
-20.00
NE05
11:06:38.8
Δ=149.7
20.00
-20.00
GRC1
11:06:40.4
Δ=150.8
4.00
-4.00
NE15
11:06:40.5
Δ=150.8
10.00
-10.00
GRA1
11:06:40.9
Δ=151.1
5.00
-5.00
GRB1
11:06:41.2
Δ=151.3
4.00
-4.00
NE16
11:06:48.0
Δ=156.1
4.00
-4.00
0
1
2
3
4
Time (min)

IPZ

16 June 1986 10:48:27.60

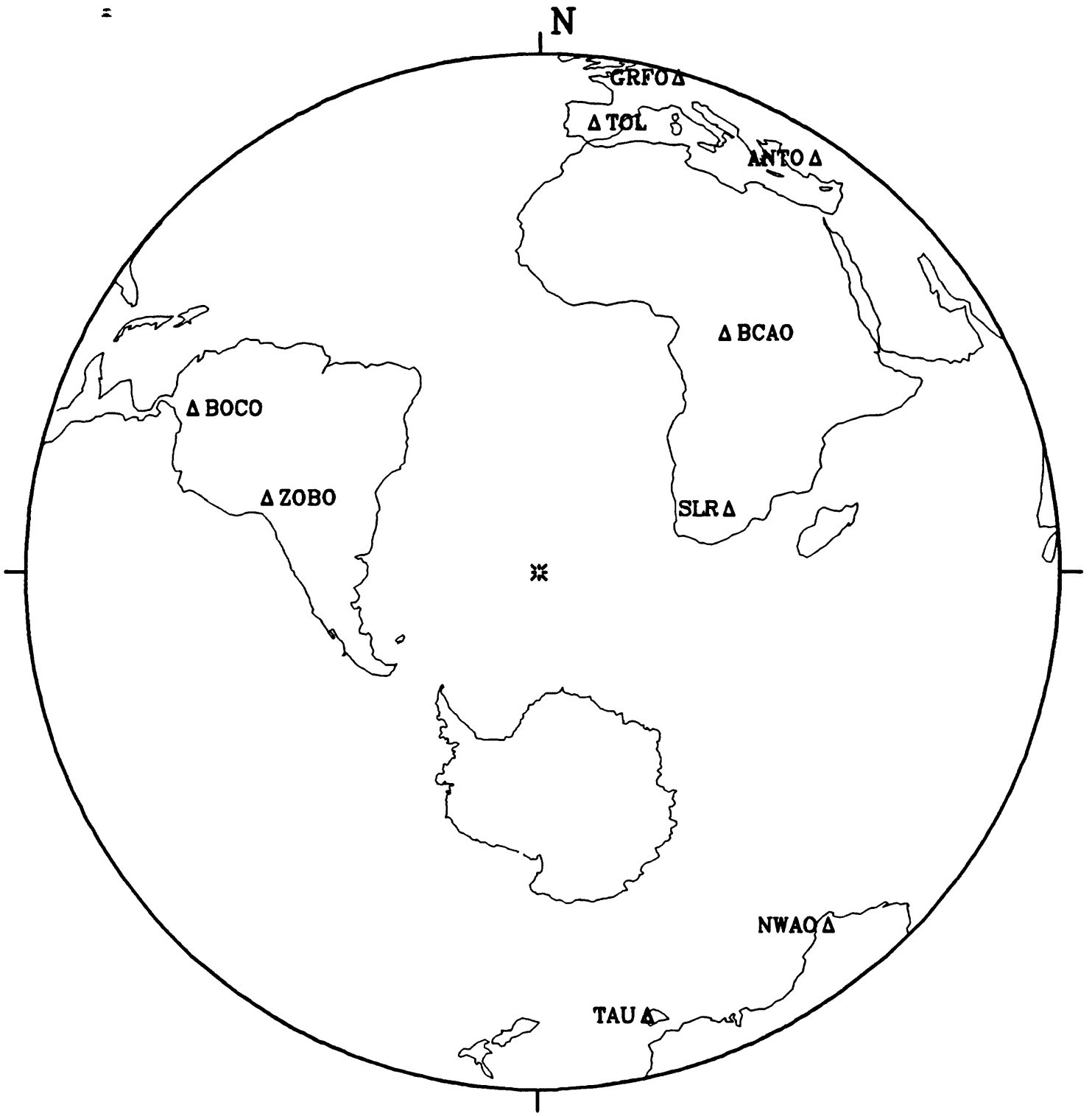
Fiji Islands Region h=565.2 m_b=6.1

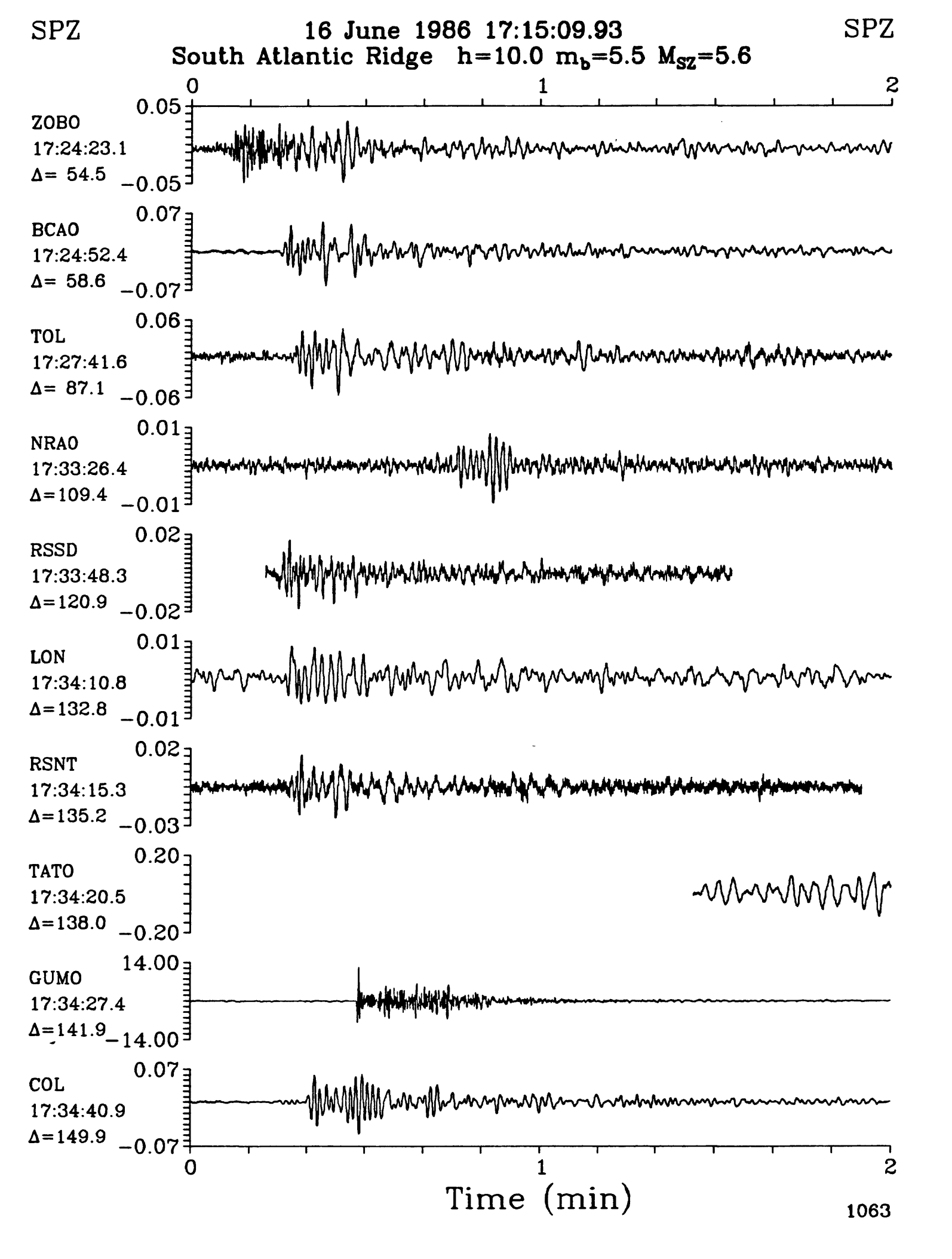
IPZ



16 June 1986 17:15:09.93

South Atlantic Ridge



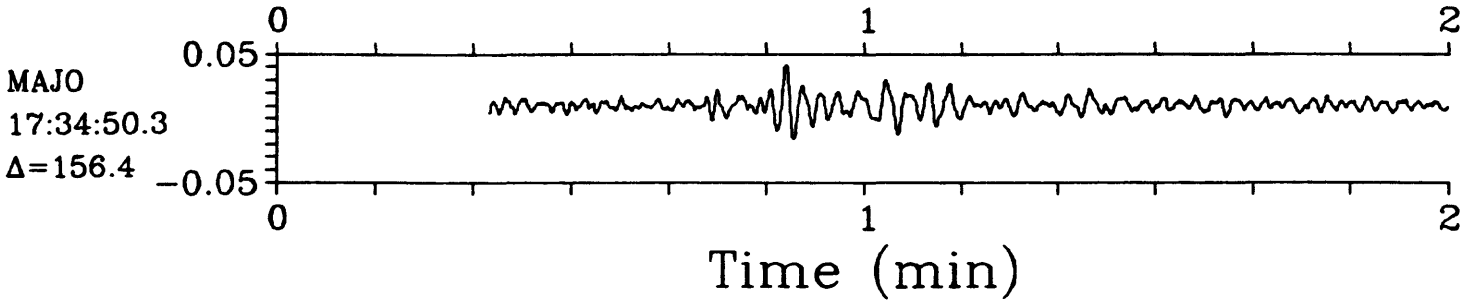

SPZ
16 June 1986 17:15:09.93
South Atlantic Ridge h=10.0 m_b=5.5 M_{SZ}=5.6
SPZ
0
1
2
0.05
ZOBO
17:24:23.1
Δ= 54.5
−0.05
0.07
BCAO
17:24:52.4
Δ= 58.6
−0.07
0.06
TOL
17:27:41.6
Δ= 87.1
−0.06
0.01
NRAO
17:33:26.4
Δ=109.4
−0.01
0.02
RSSD
17:33:48.3
Δ=120.9
−0.02
0.01
LON
17:34:10.8
Δ=132.8
−0.01
0.02
RSNT
17:34:15.3
Δ=135.2
−0.03
0.20
TATO
17:34:20.5
Δ=138.0
−0.20
14.00
GUMO
17:34:27.4
Δ=141.9
−14.00
0.07
COL
17:34:40.9
Δ=149.9
−0.07
0
1
2
Time (min)
1063

SPZ

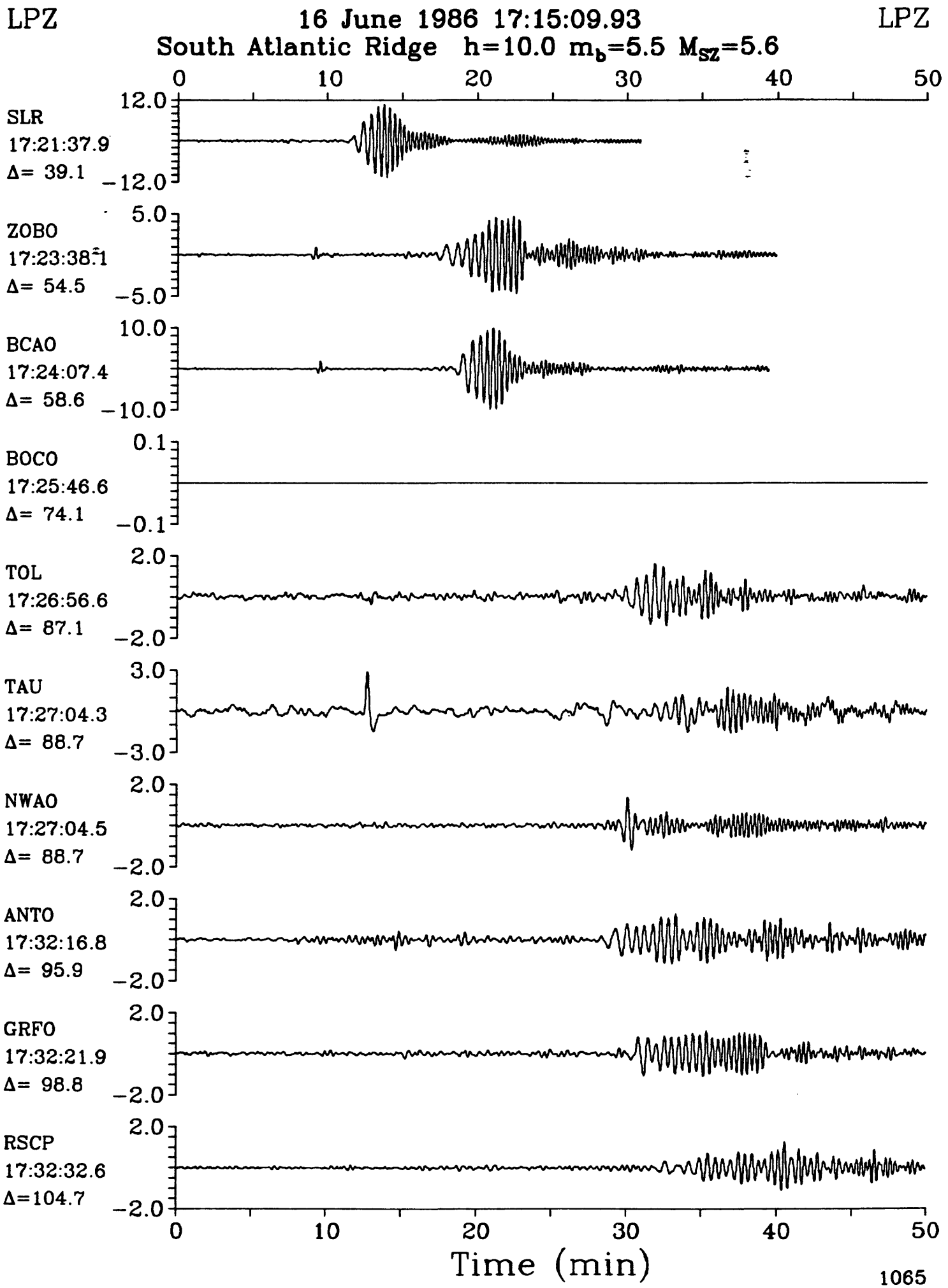
16 June 1986 17:15:09.93

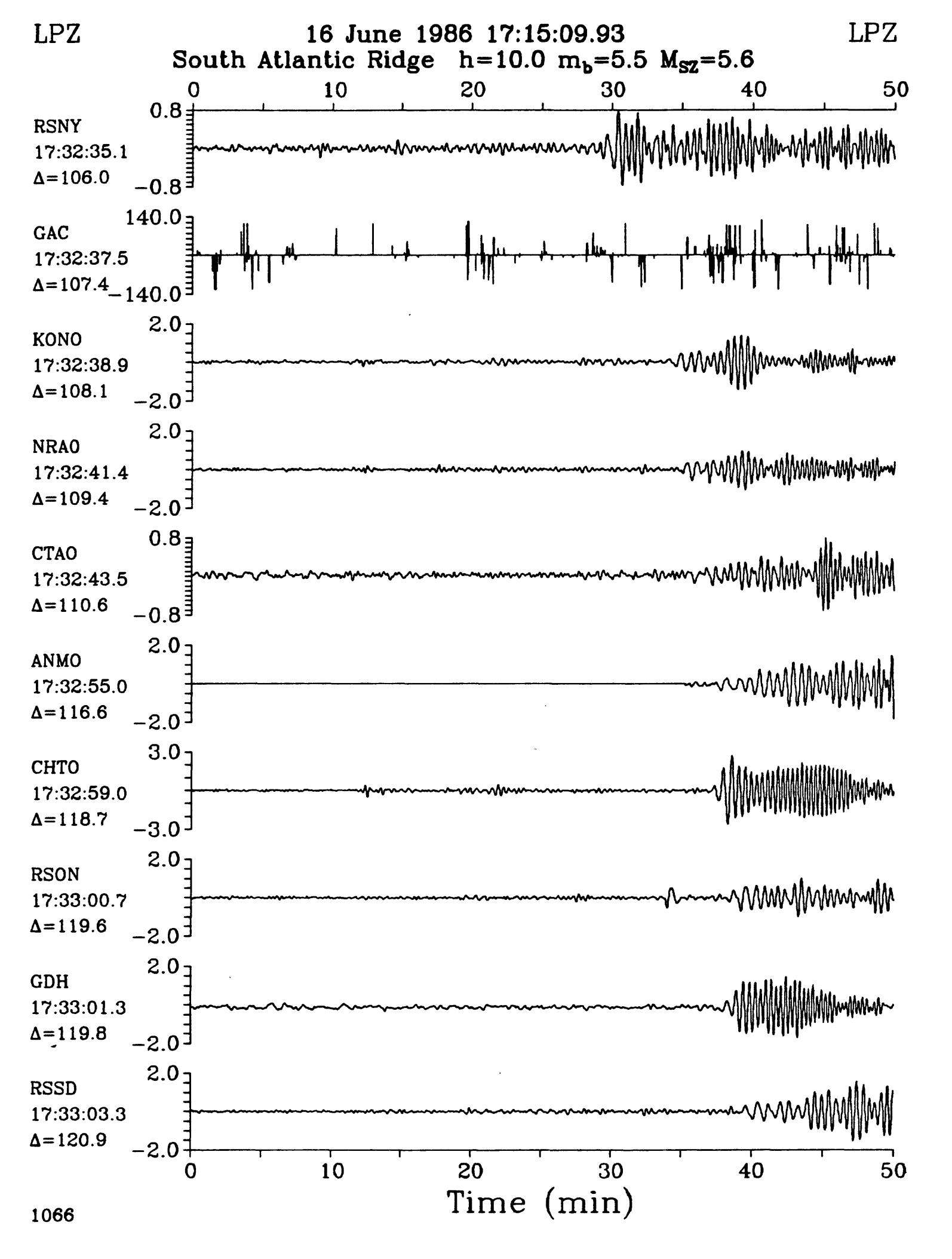
SPZ

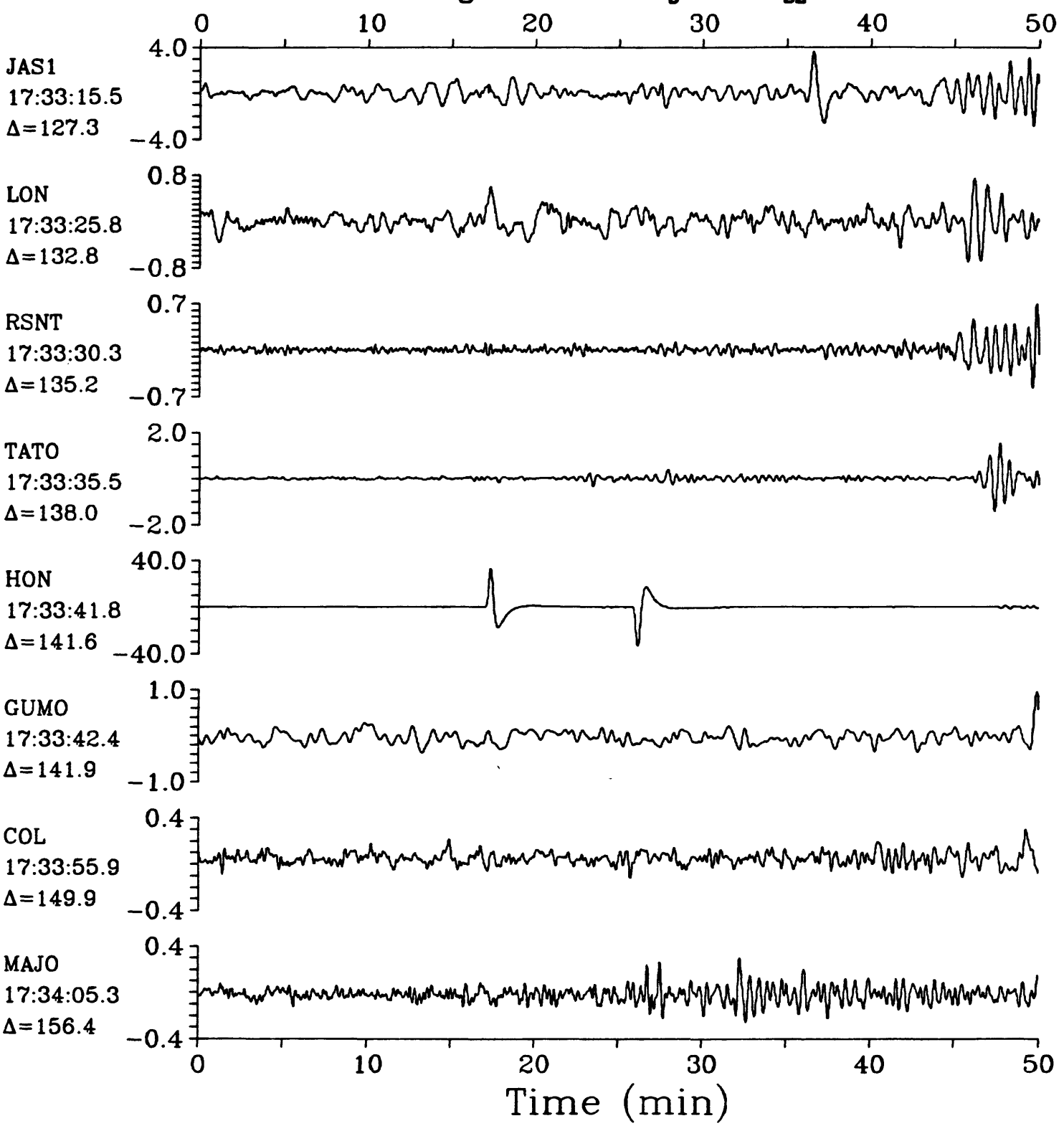
South Atlantic Ridge h=10.0 m_b=5.5 M_{SZ}=5.6



Time (min)

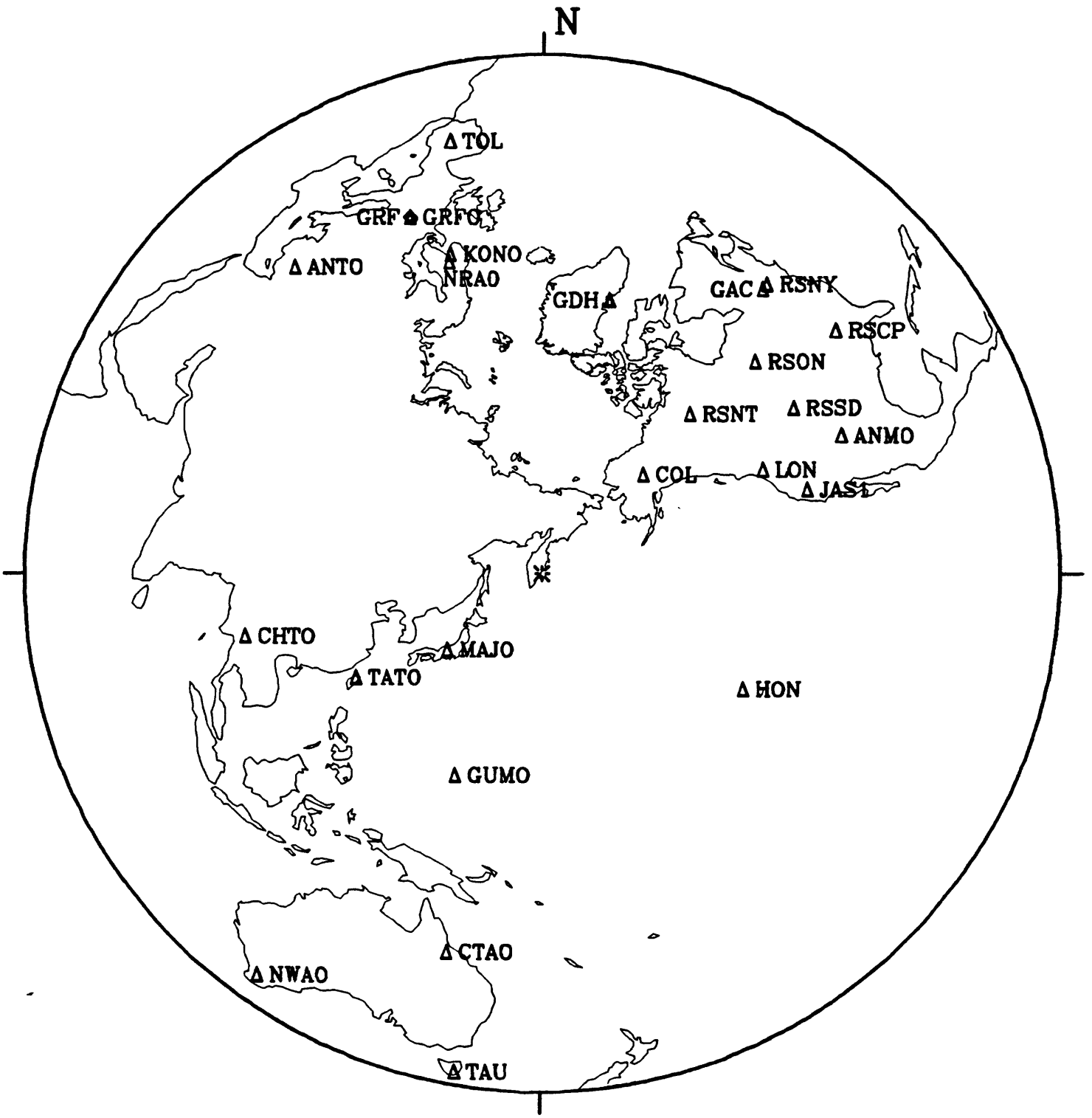

LPZ
16 June 1986 17:15:09.93
LPZ
South Atlantic Ridge h=10.0 m_b=5.5 M_{SZ}=5.6
0
10
20
30
40
50
SLR
17:21:37.9
Δ= 39.1
12.0
-12.0
ZOBO
17:23:38.1
Δ= 54.5
5.0
-5.0
BCAO
17:24:07.4
Δ= 58.6
10.0
-10.0
BOCO
17:25:46.6
Δ= 74.1
0.1
-0.1
TOL
17:26:56.6
Δ= 87.1
2.0
-2.0
TAU
17:27:04.3
Δ= 88.7
3.0
-3.0
NWAO
17:27:04.5
Δ= 88.7
2.0
-2.0
ANTO
17:32:16.8
Δ= 95.9
2.0
-2.0
GRFO
17:32:21.9
Δ= 98.8
2.0
-2.0
RSCP
17:32:32.6
Δ=104.7
2.0
-2.0
0
10
20
30
40
50
Time (min)
1065

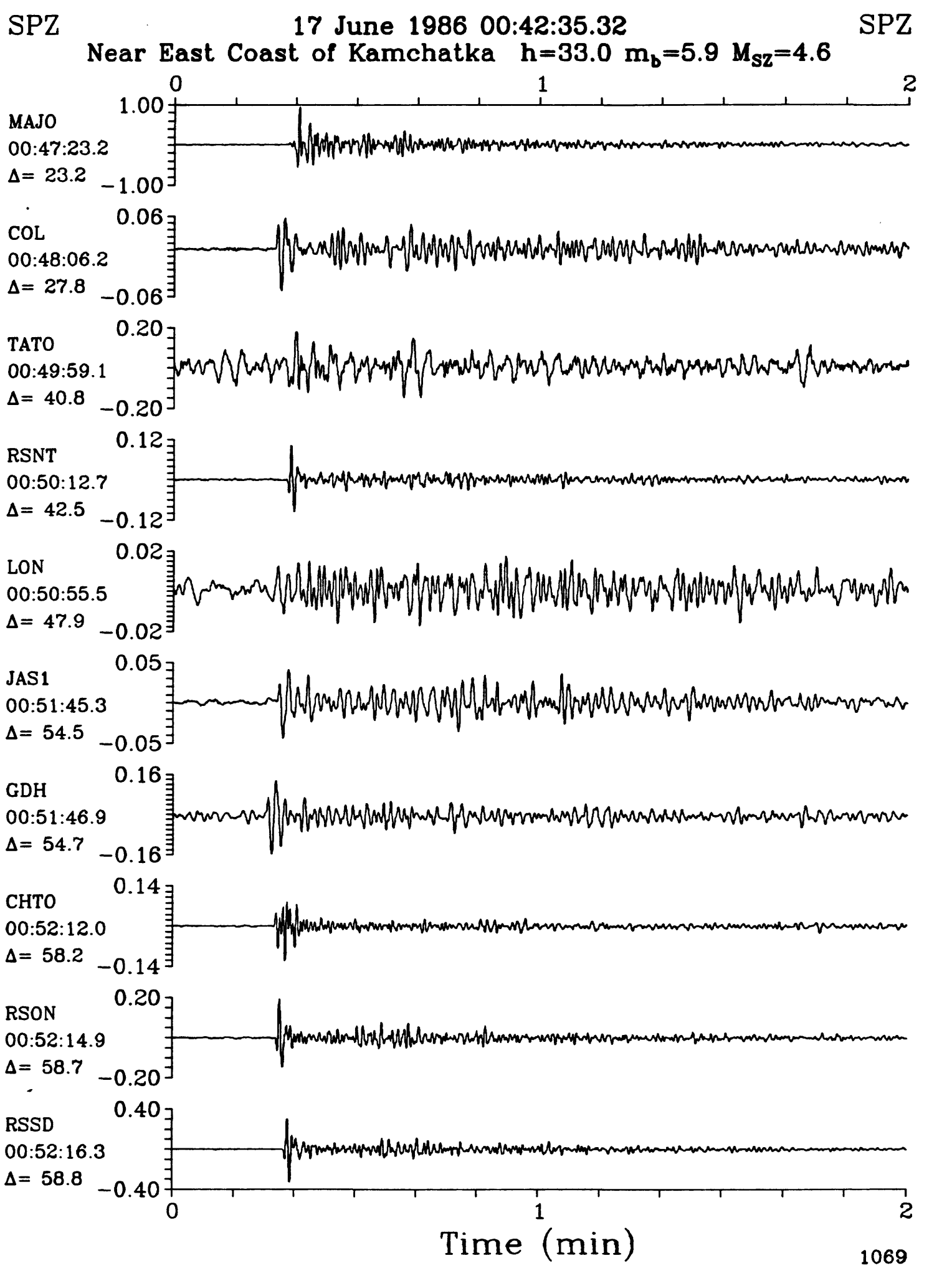

LPZ
16 June 1986 17:15:09.93
LPZ
South Atlantic Ridge h=10.0 m_b=5.5 M_{SZ}=5.6
0
10
20
30
40
50
RSNY
17:32:35.1
Δ=106.0
0.8
-0.8
GAC
17:32:37.5
Δ=107.4
140.0
-140.0
KONO
17:32:38.9
Δ=108.1
2.0
-2.0
NRAO
17:32:41.4
Δ=109.4
2.0
-2.0
CTAO
17:32:43.5
Δ=110.6
0.8
-0.8
ANMO
17:32:55.0
Δ=116.6
2.0
-2.0
CHTO
17:32:59.0
Δ=118.7
3.0
-3.0
RSON
17:33:00.7
Δ=119.6
2.0
-2.0
GDH
17:33:01.3
Δ=119.8
2.0
-2.0
RSSD
17:33:03.3
Δ=120.9
2.0
-2.0
0
10
20
30
40
50
Time (min)
1066

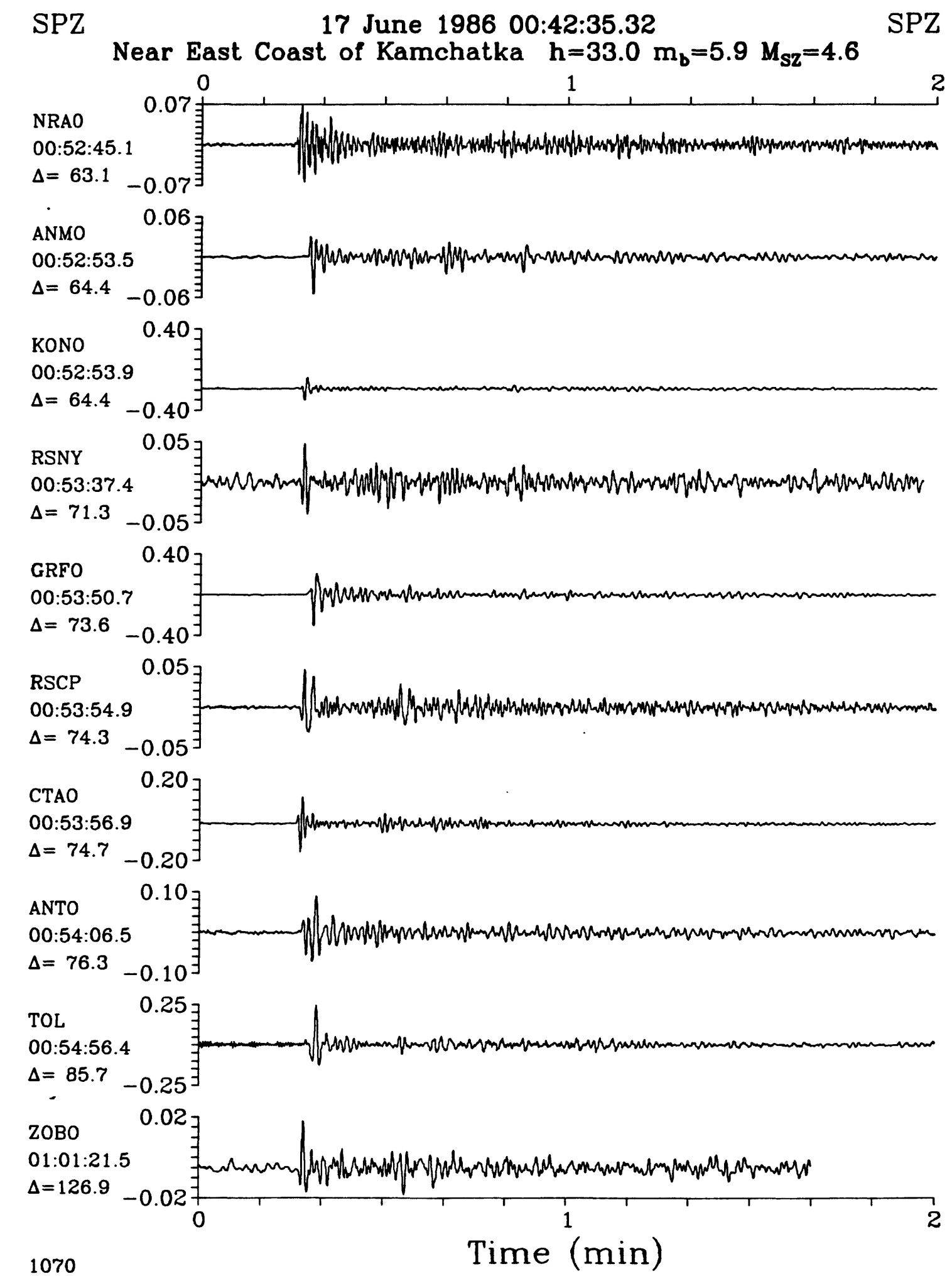

LPZ
16 June 1986 17:15:09.93
LPZ
South Atlantic Ridge h=10.0 m_b=5.5 M_{SZ}=5.6
0
10
20
30
40
50
JAS1
17:33:15.5
Δ=127.3
4.0
-4.0
LON
17:33:25.8
Δ=132.8
0.8
-0.8
RSNT
17:33:30.3
Δ=135.2
0.7
-0.7
TATO
17:33:35.5
Δ=138.0
2.0
-2.0
HON
17:33:41.8
Δ=141.6
40.0
-40.0
GUMO
17:33:42.4
Δ=141.9
1.0
-1.0
COL
17:33:55.9
Δ=149.9
0.4
-0.4
MAJO
17:34:05.3
Δ=156.4
0.4
-0.4
0
10
20
30
40
50
Time (min)

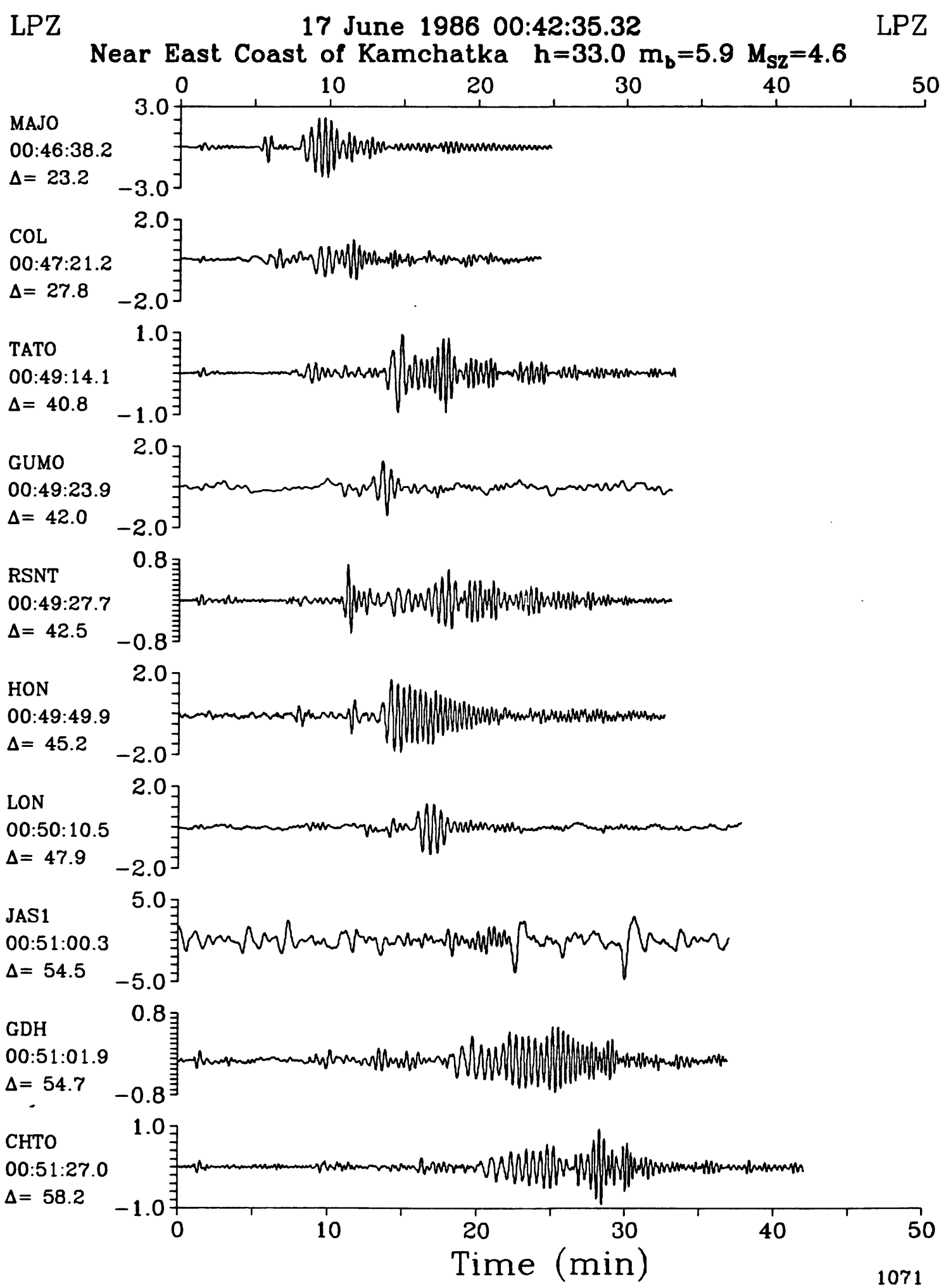
17 June 1986 00:42:35.32

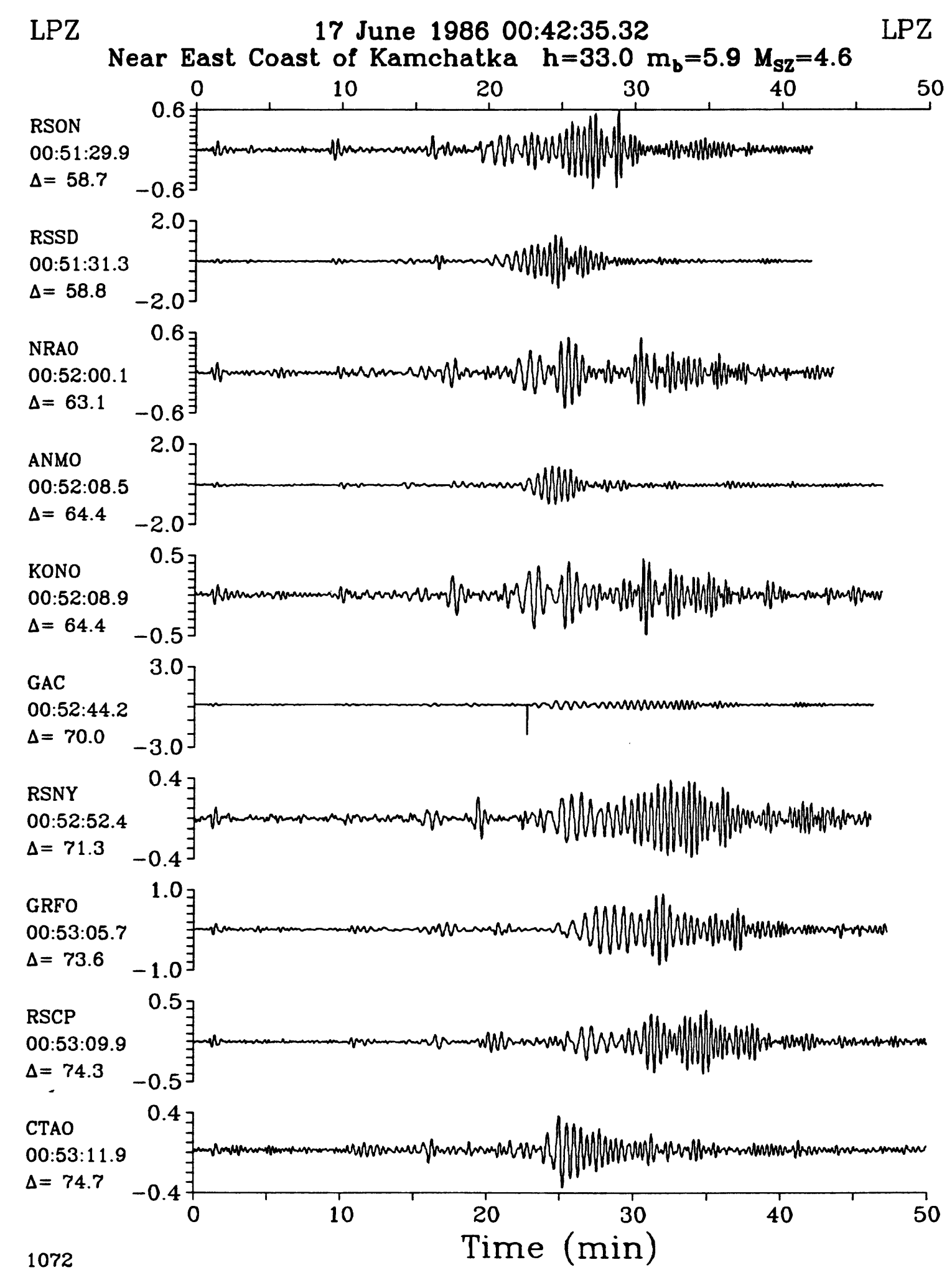
Near East Coast of Kamchatka




SPZ
17 June 1986 00:42:35.32
SPZ
Near East Coast of Kamchatka h=33.0 m_b=5.9 M_{SZ}=4.6
0
1
2
MAJO
00:47:23.2
Δ= 23.2
1.00
-1.00
COL
00:48:06.2
Δ= 27.8
0.06
-0.06
TATO
00:49:59.1
Δ= 40.8
0.20
-0.20
RSNT
00:50:12.7
Δ= 42.5
0.12
-0.12
LON
00:50:55.5
Δ= 47.9
0.02
-0.02
JAS1
00:51:45.3
Δ= 54.5
0.05
-0.05
GDH
00:51:46.9
Δ= 54.7
0.16
-0.16
CHTO
00:52:12.0
Δ= 58.2
0.14
-0.14
RSON
00:52:14.9
Δ= 58.7
0.20
-0.20
RSSD
00:52:16.3
Δ= 58.8
0.40
-0.40
0
1
2
Time (min)
1069

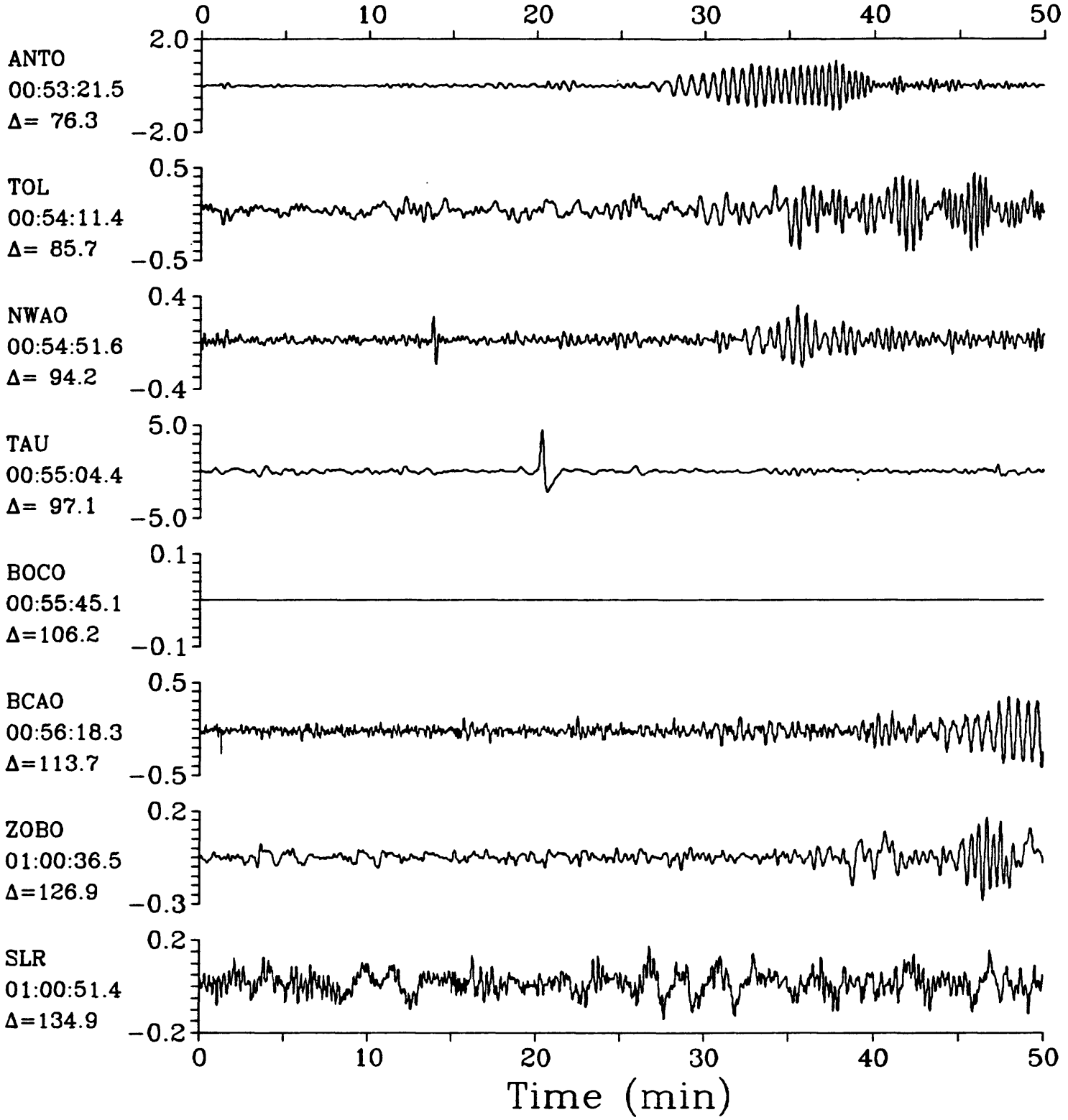

SPZ
17 June 1986 00:42:35.32
SPZ
Near East Coast of Kamchatka h=33.0 m_b=5.9 M_{SZ}=4.6
0
1
2
NRA0
00:52:45.1
Δ= 63.1
0.07
-0.07
ANMO
00:52:53.5
Δ= 64.4
0.06
-0.06
KONO
00:52:53.9
Δ= 64.4
0.40
-0.40
RSNY
00:53:37.4
Δ= 71.3
0.05
-0.05
GRFO
00:53:50.7
Δ= 73.6
0.40
-0.40
RSCP
00:53:54.9
Δ= 74.3
0.05
-0.05
CTAO
00:53:56.9
Δ= 74.7
0.20
-0.20
ANTO
00:54:06.5
Δ= 76.3
0.10
-0.10
TOL
00:54:56.4
Δ= 85.7
0.25
-0.25
ZOBO
01:01:21.5
Δ=126.9
0.02
-0.02
0
1
2
Time (min)
1070


LPZ
17 June 1986 00:42:35.32
LPZ
Near East Coast of Kamchatka h=33.0 m_b=5.9 M_{SZ}=4.6
0
10
20
30
40
50
MAJO
00:46:38.2
Δ= 23.2
3.0
-3.0
COL
00:47:21.2
Δ= 27.8
2.0
-2.0
TATO
00:49:14.1
Δ= 40.8
1.0
-1.0
GUMO
00:49:23.9
Δ= 42.0
2.0
-2.0
RSNT
00:49:27.7
Δ= 42.5
0.8
-0.8
HON
00:49:49.9
Δ= 45.2
2.0
-2.0
LON
00:50:10.5
Δ= 47.9
2.0
-2.0
JAS1
00:51:00.3
Δ= 54.5
5.0
-5.0
GDH
00:51:01.9
Δ= 54.7
0.8
-0.8
CHTO
00:51:27.0
Δ= 58.2
1.0
-1.0
0
10
20
30
40
50
Time (min)
1071


LPZ
17 June 1986 00:42:35.32
LPZ
Near East Coast of Kamchatka h=33.0 m_b=5.9 M_{SZ}=4.6
0
10
20
30
40
50
RSON
00:51:29.9
Δ= 58.7
0.6
-0.6
RSSD
00:51:31.3
Δ= 58.8
2.0
-2.0
NRAO
00:52:00.1
Δ= 63.1
0.6
-0.6
ANMO
00:52:08.5
Δ= 64.4
2.0
-2.0
KONO
00:52:08.9
Δ= 64.4
0.5
-0.5
GAC
00:52:44.2
Δ= 70.0
3.0
-3.0
RSNY
00:52:52.4
Δ= 71.3
0.4
-0.4
GRFO
00:53:05.7
Δ= 73.6
1.0
-1.0
RSCP
00:53:09.9
Δ= 74.3
0.5
-0.5
CTAO
00:53:11.9
Δ= 74.7
0.4
-0.4
0
10
20
30
40
50
Time (min)
1072

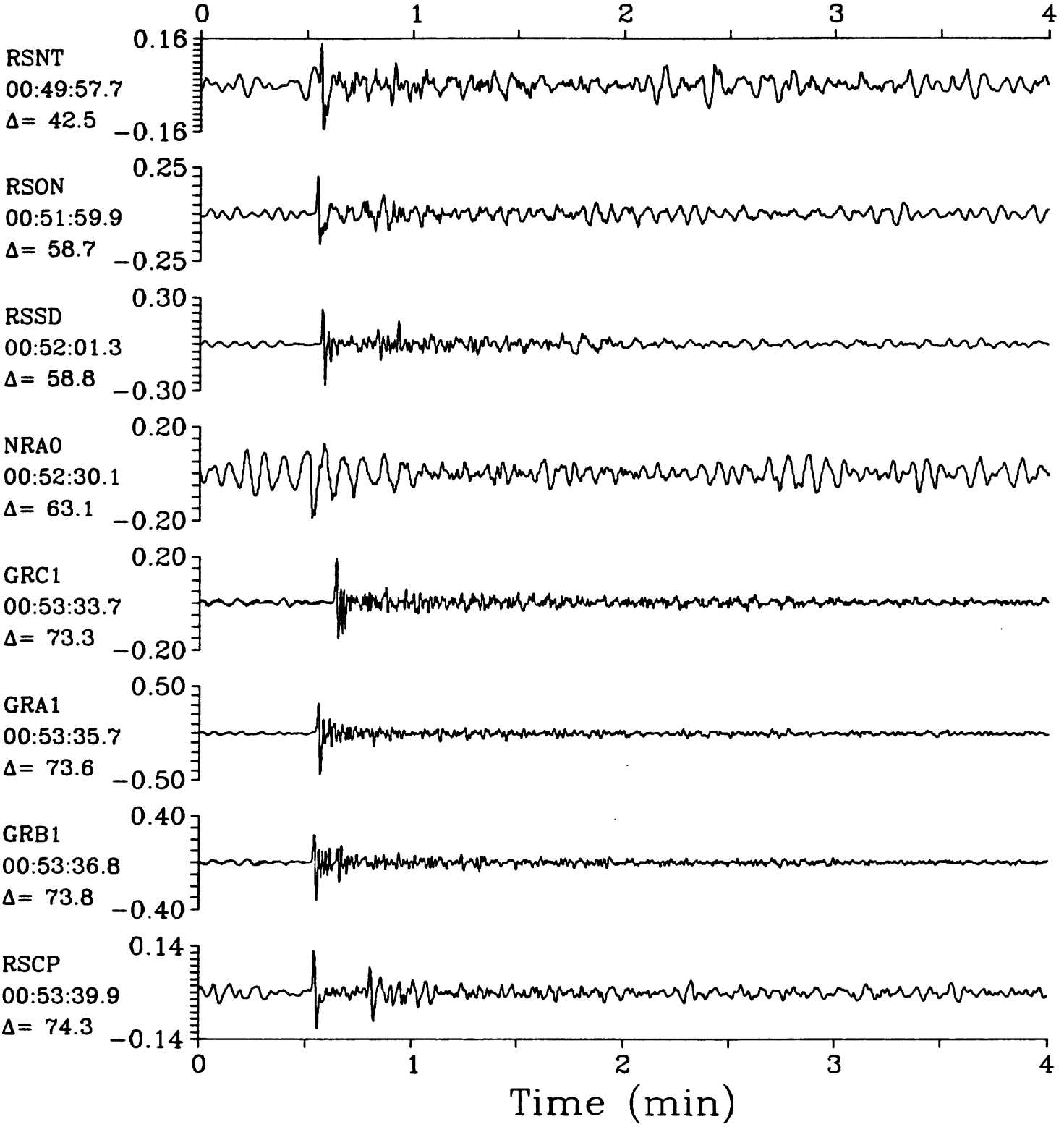
LPZ 17 June 1986 00:42:35.32 LPZ

Near East Coast of Kamchatka h=33.0 m_b=5.9 M_{SZ}=4.6



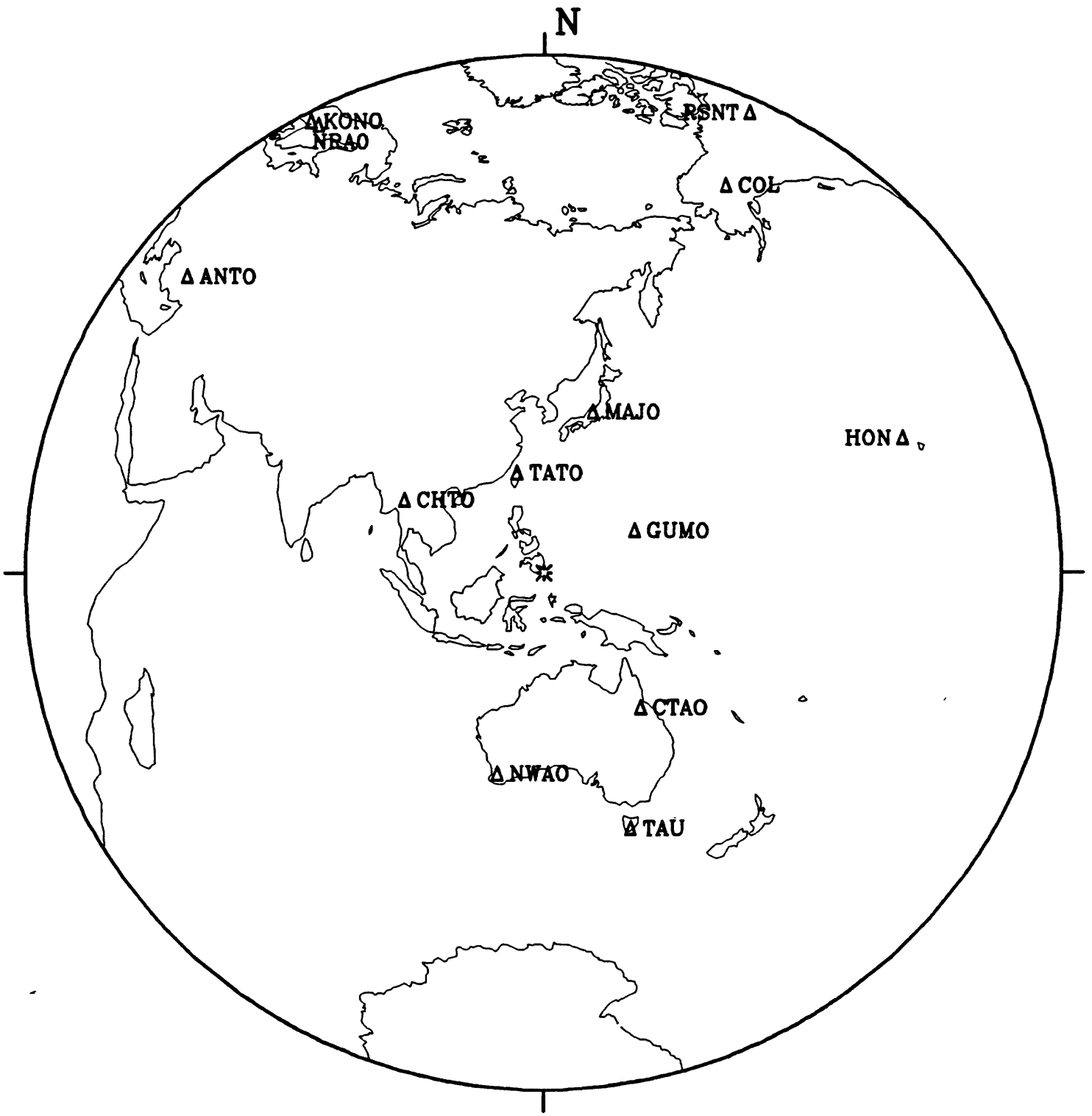
IPZ 17 June 1986 00:42:35.32 IPZ

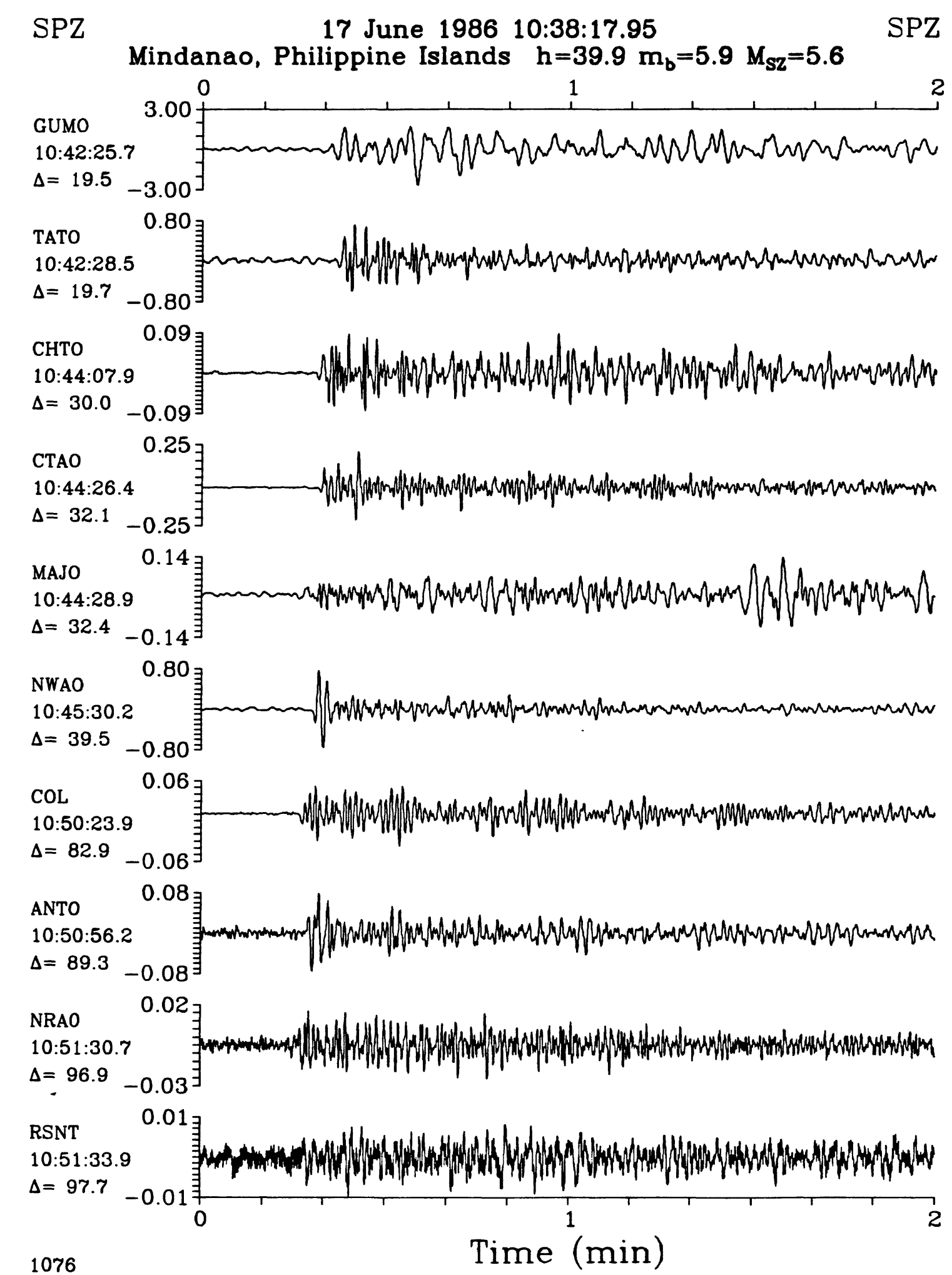
Near East Coast of Kamchatka h=33.0 m_b=5.9 M_{SZ}=4.6



17 June 1986 10:38:17.95

Mindanao, Philippine Islands

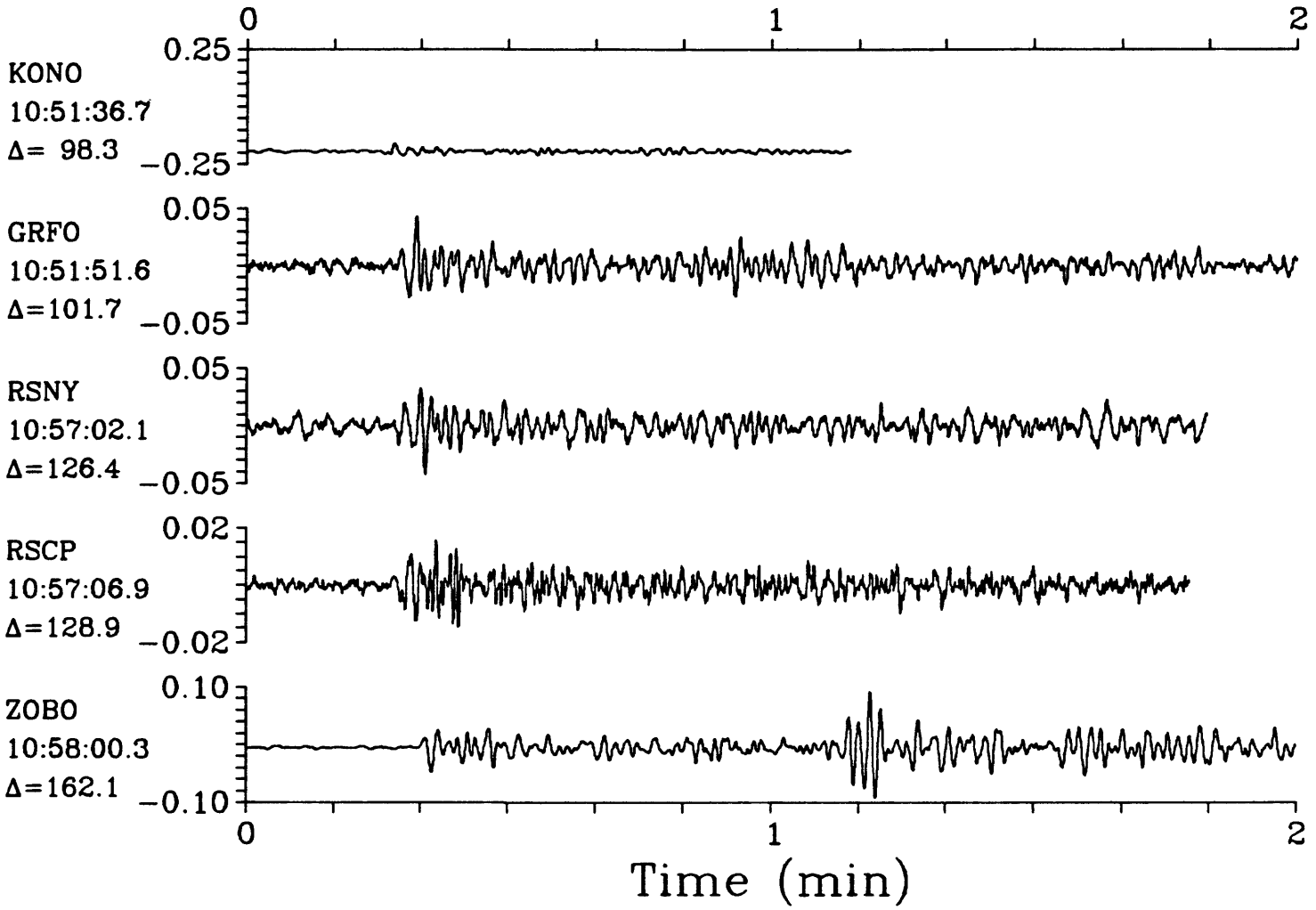


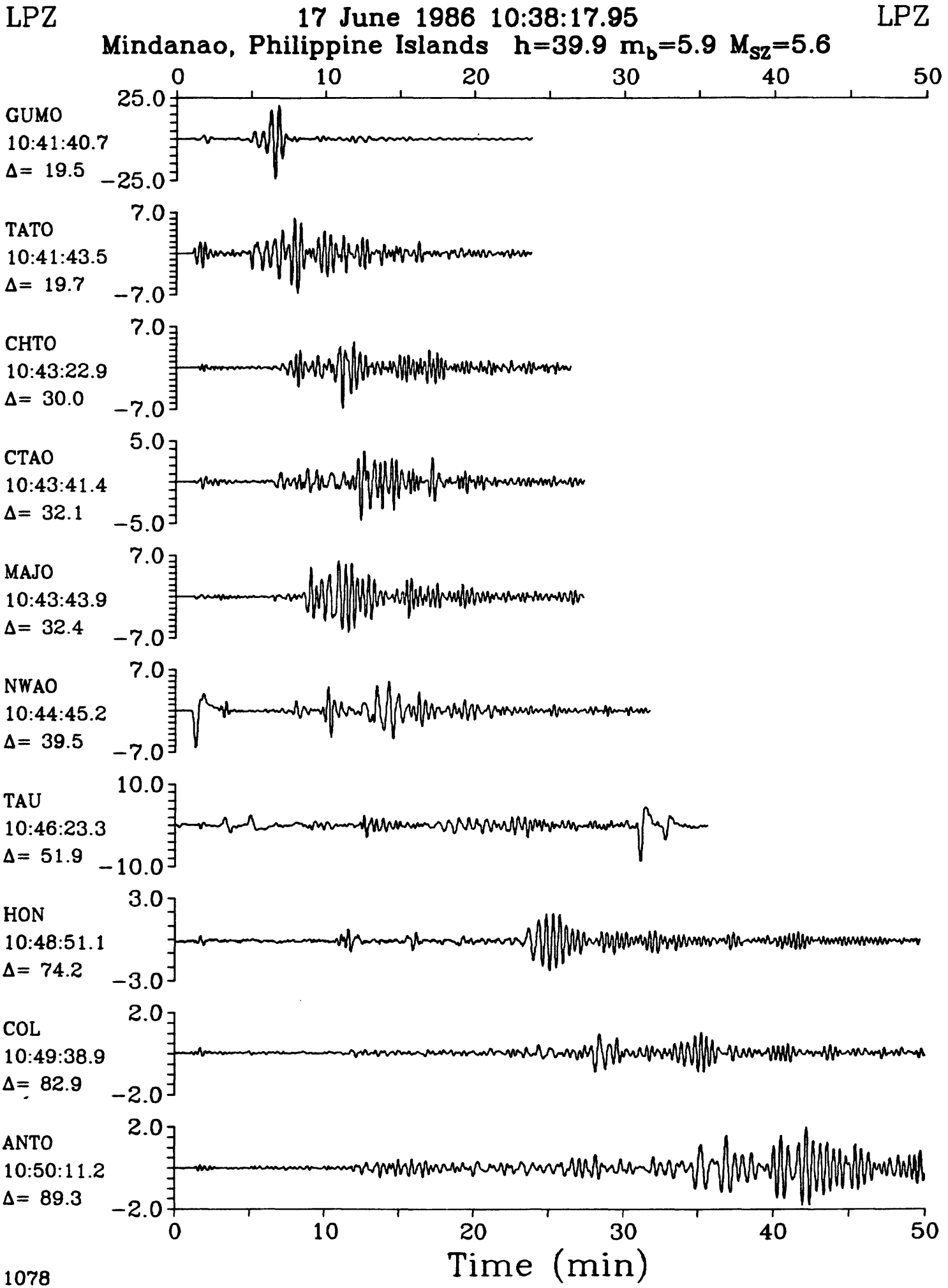

SPZ
17 June 1986 10:38:17.95
SPZ
Mindanao, Philippine Islands h=39.9 m_b=5.9 M_{SZ}=5.6
0
1
2
GUMO
10:42:25.7
Δ= 19.5
3.00
-3.00
TATO
10:42:28.5
Δ= 19.7
0.80
-0.80
CHTO
10:44:07.9
Δ= 30.0
0.09
-0.09
CTAO
10:44:26.4
Δ= 32.1
0.25
-0.25
MAJO
10:44:28.9
Δ= 32.4
0.14
-0.14
NWAO
10:45:30.2
Δ= 39.5
0.80
-0.80
COL
10:50:23.9
Δ= 82.9
0.06
-0.06
ANTO
10:50:56.2
Δ= 89.3
0.08
-0.08
NRAO
10:51:30.7
Δ= 96.9
0.02
-0.03
RSNT
10:51:33.9
Δ= 97.7
0.01
-0.01
0
1
2
Time (min)

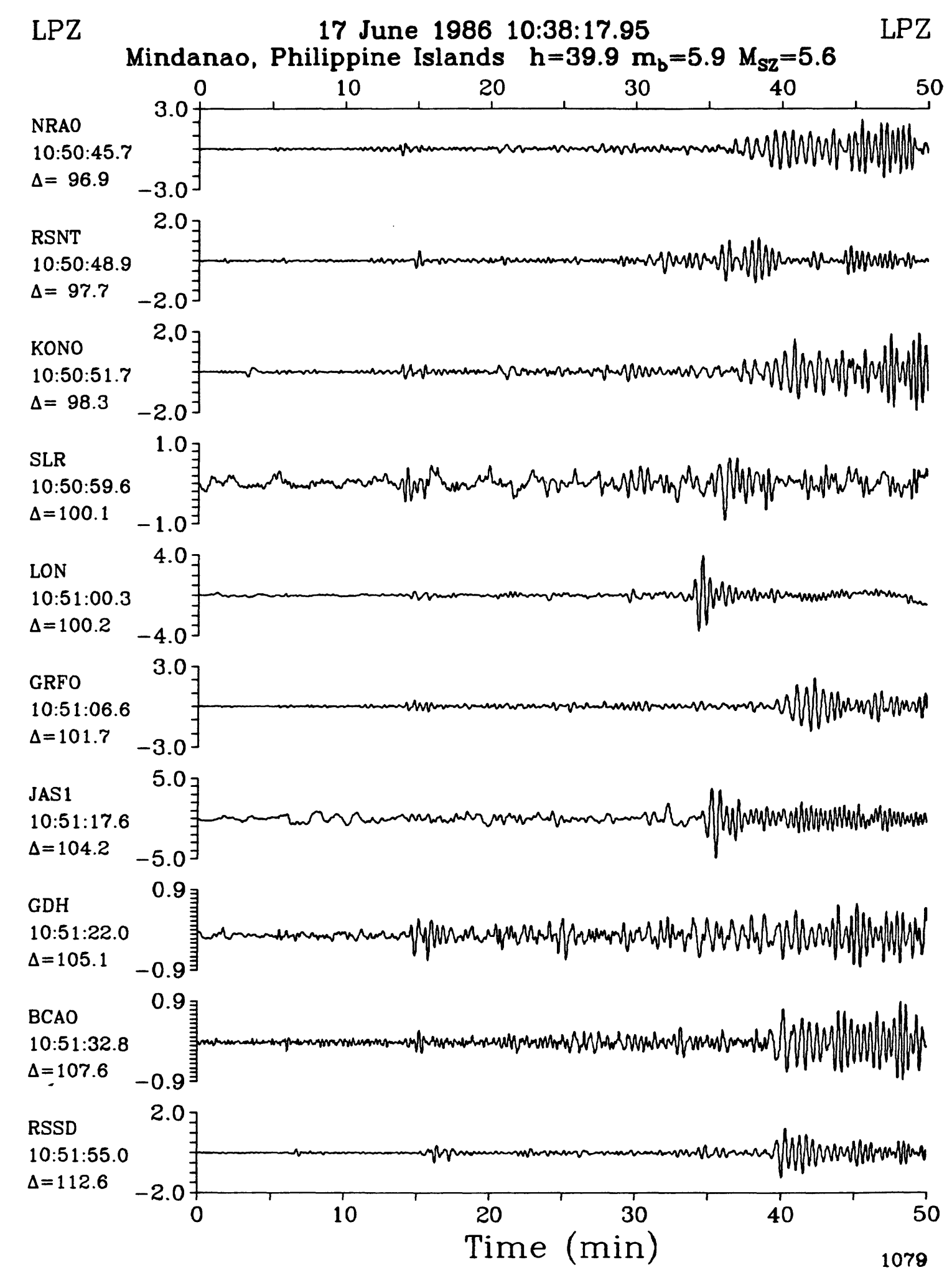
1076

SPZ 17 June 1986 10:38:17.95 SPZ

Mindanao, Philippine Islands h=39.9 m_b=5.9 M_{SZ}=5.6

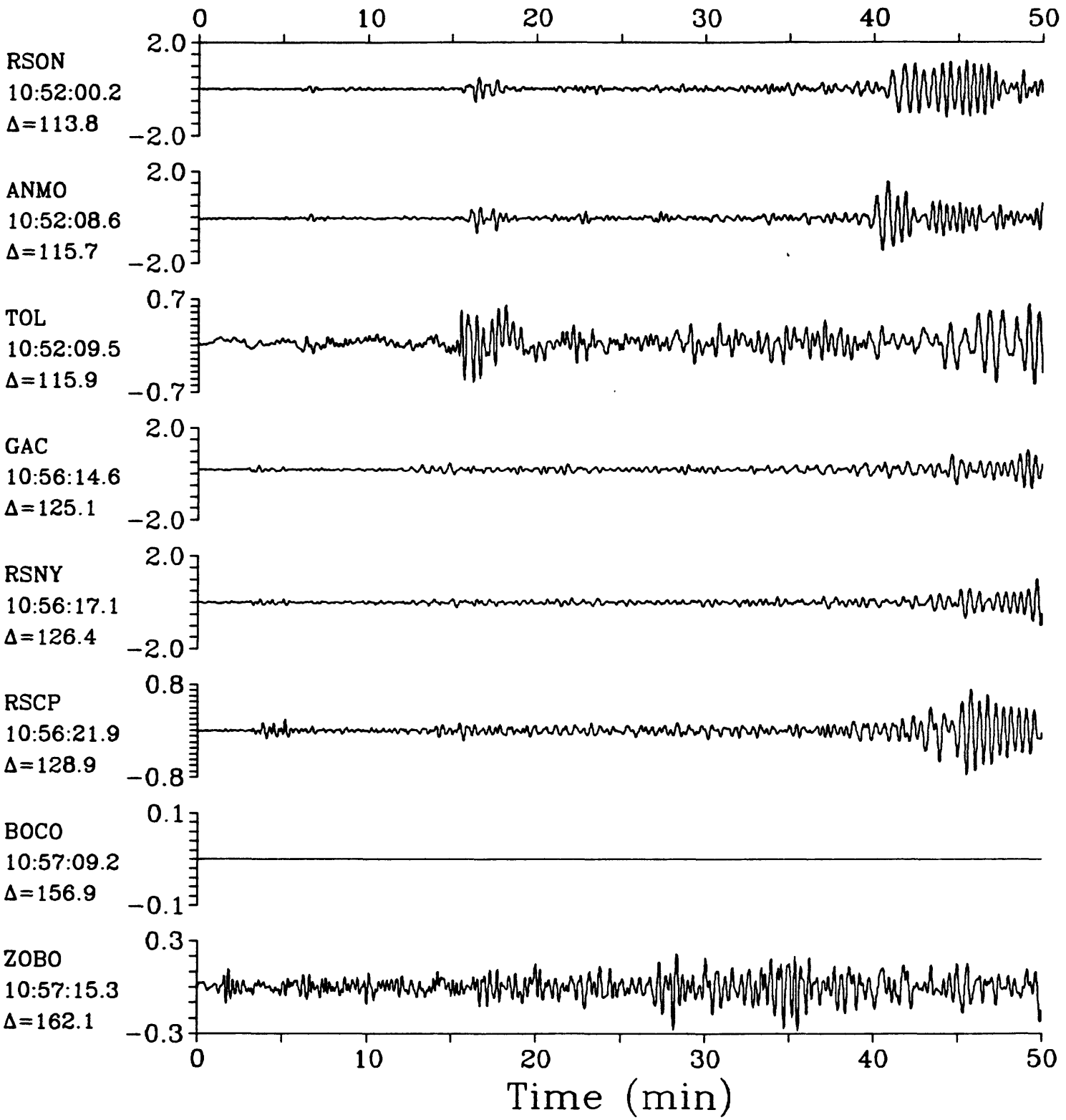



LPZ
17 June 1986 10:38:17.95
LPZ
Mindanao, Philippine Islands h=39.9 m_b=5.9 M_{SZ}=5.6
0
10
20
30
40
50
25.0
GUMO
10:41:40.7
Δ= 19.5
-25.0
7.0
TATO
10:41:43.5
Δ= 19.7
-7.0
7.0
CHTO
10:43:22.9
Δ= 30.0
-7.0
5.0
CTAO
10:43:41.4
Δ= 32.1
-5.0
7.0
MAJO
10:43:43.9
Δ= 32.4
-7.0
7.0
NWAO
10:44:45.2
Δ= 39.5
-7.0
10.0
TAU
10:46:23.3
Δ= 51.9
-10.0
3.0
HON
10:48:51.1
Δ= 74.2
-3.0
2.0
COL
10:49:38.9
Δ= 82.9
-2.0
2.0
ANTO
10:50:11.2
Δ= 89.3
-2.0
0
10
20
30
40
50
Time (min)


LPZ
17 June 1986 10:38:17.95
LPZ
Mindanao, Philippine Islands h=39.9 m_b=5.9 M_{SZ}=5.6
0
10
20
30
40
50
NRA0
10:50:45.7
Δ= 96.9
3.0
-3.0
RSNT
10:50:48.9
Δ= 97.7
2.0
-2.0
KONO
10:50:51.7
Δ= 98.3
2.0
-2.0
SLR
10:50:59.6
Δ=100.1
1.0
-1.0
LON
10:51:00.3
Δ=100.2
4.0
-4.0
GRFO
10:51:06.6
Δ=101.7
3.0
-3.0
JAS1
10:51:17.6
Δ=104.2
5.0
-5.0
GDH
10:51:22.0
Δ=105.1
0.9
-0.9
BCAO
10:51:32.8
Δ=107.6
0.9
-0.9
RSSD
10:51:55.0
Δ=112.6
2.0
-2.0
0
10
20
30
40
50
Time (min)
1079

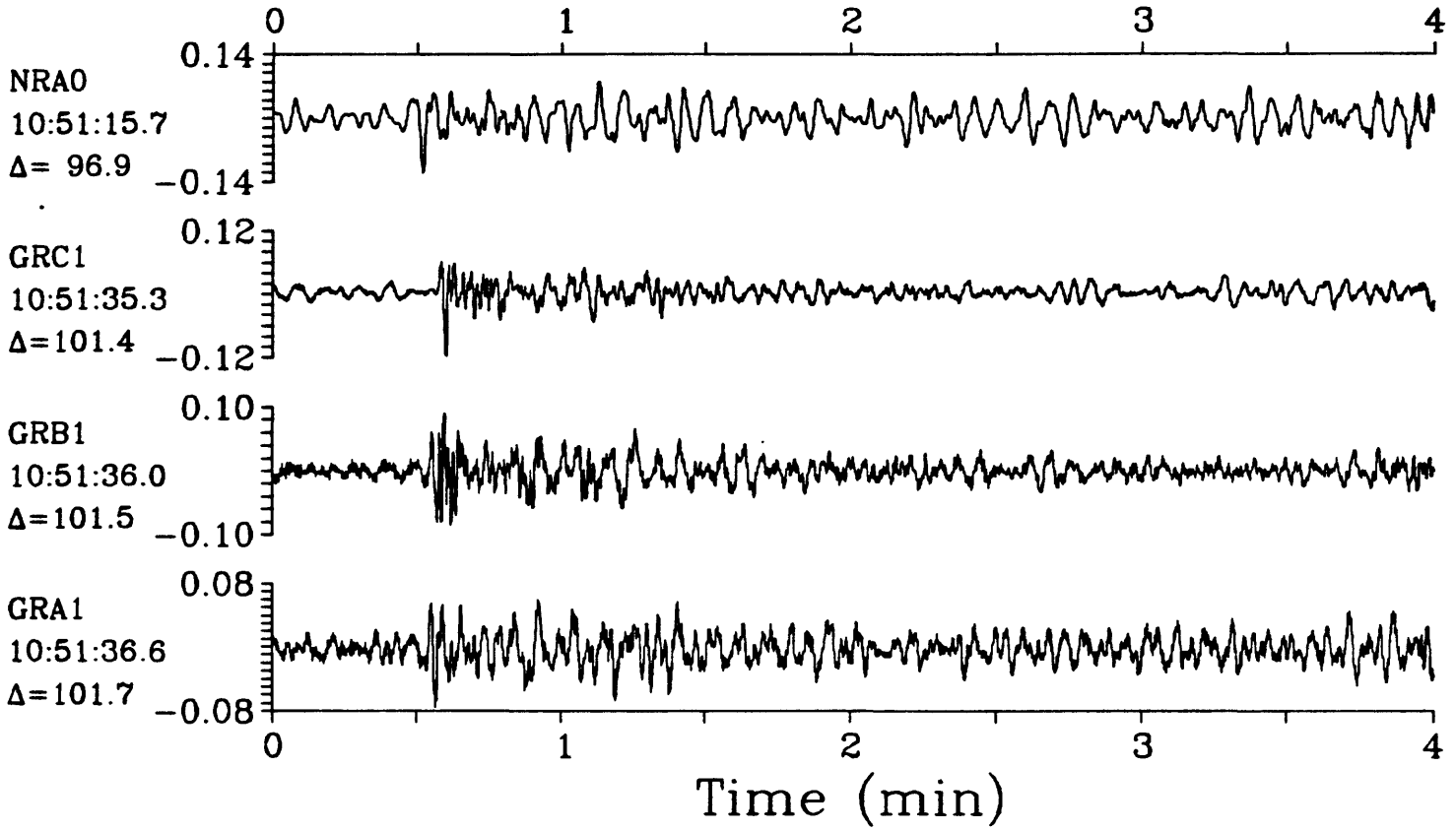
LPZ 17 June 1986 10:38:17.95 LPZ

Mindanao, Philippine Islands h=39.9 m_b=5.9 M_{SZ}=5.6



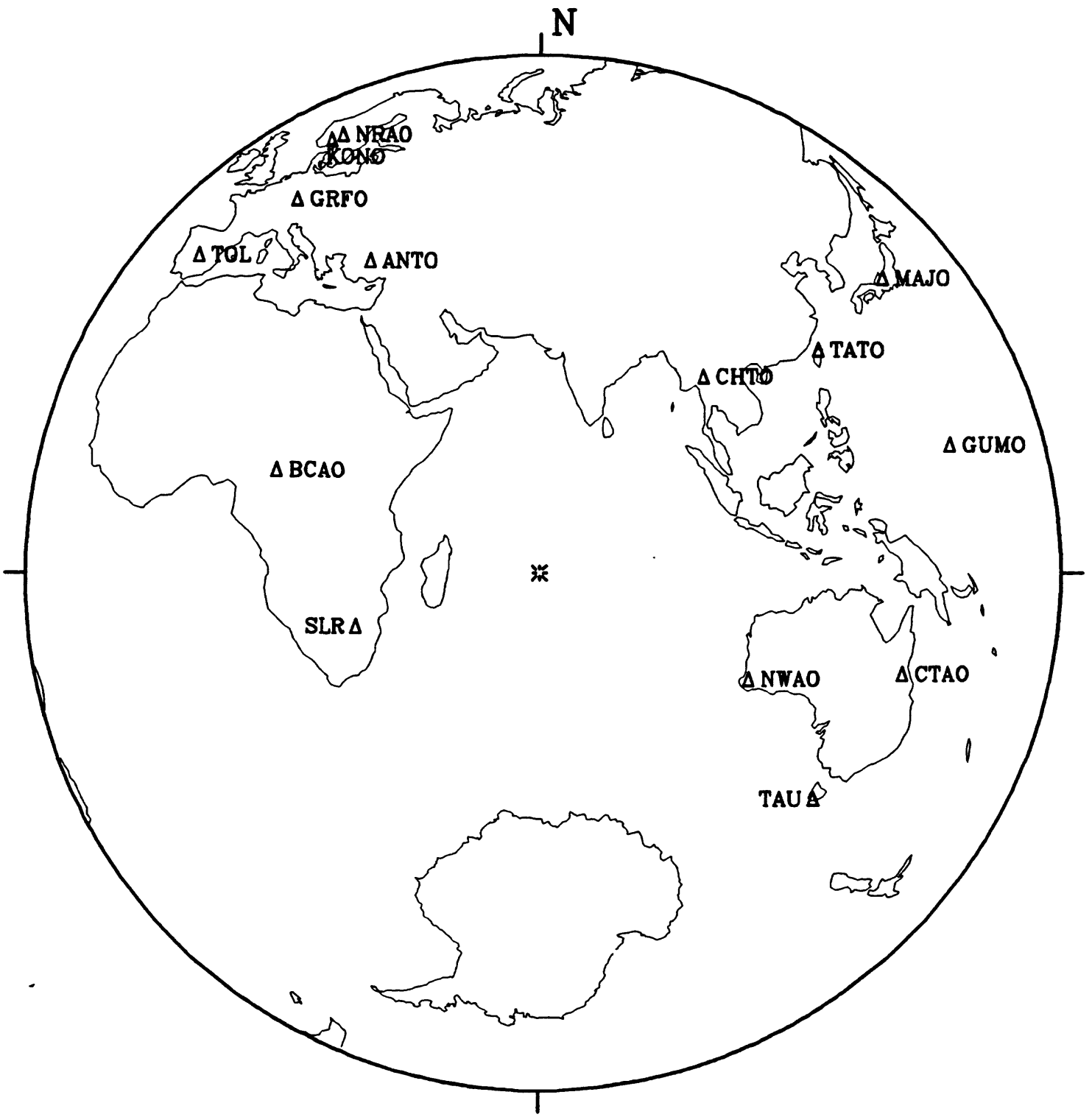
IPZ 17 June 1986 10:38:17.95 IPZ

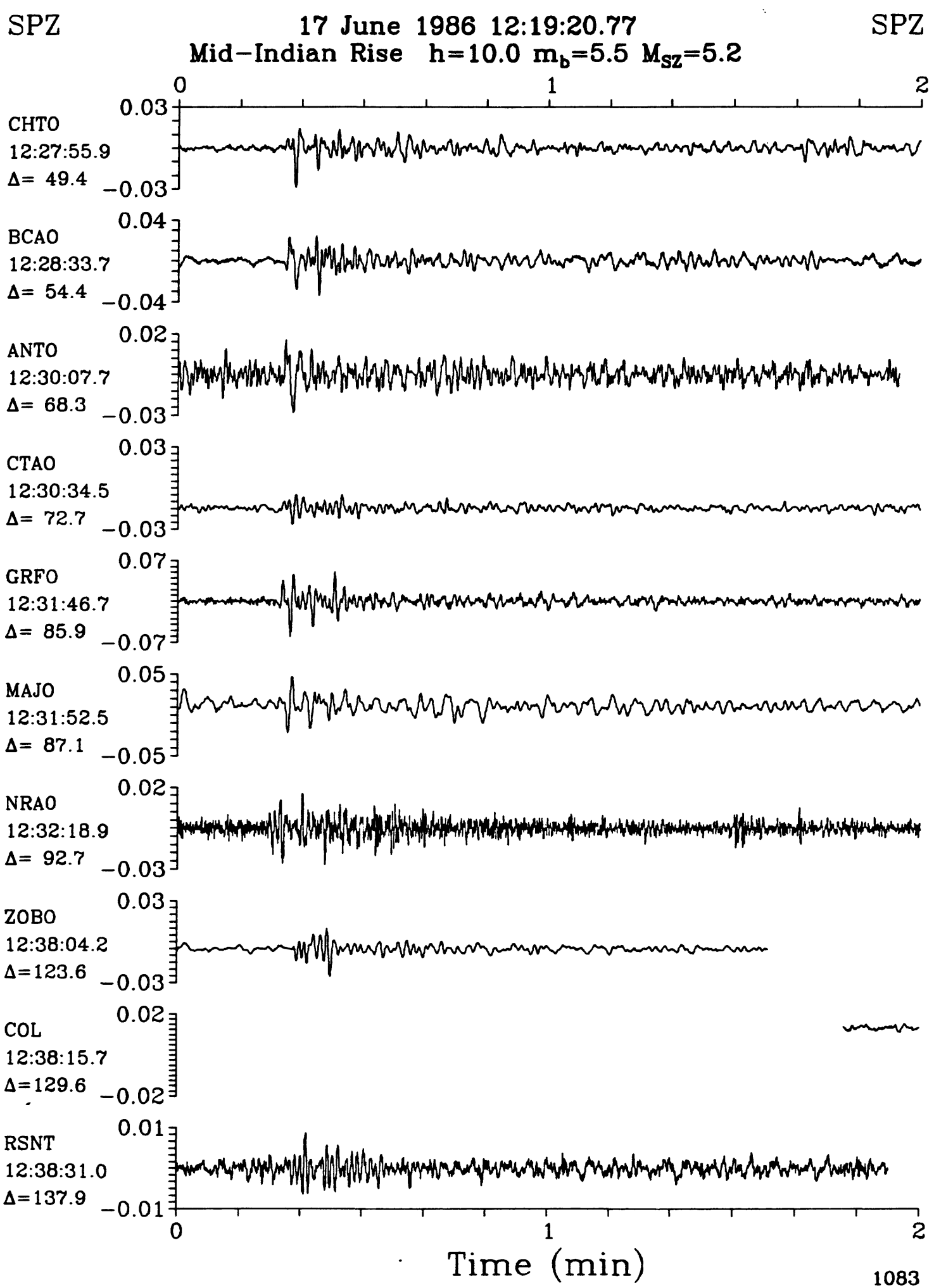
Mindanao, Philippine Islands h=39.9 m_b=5.9 M_{SZ}=5.6

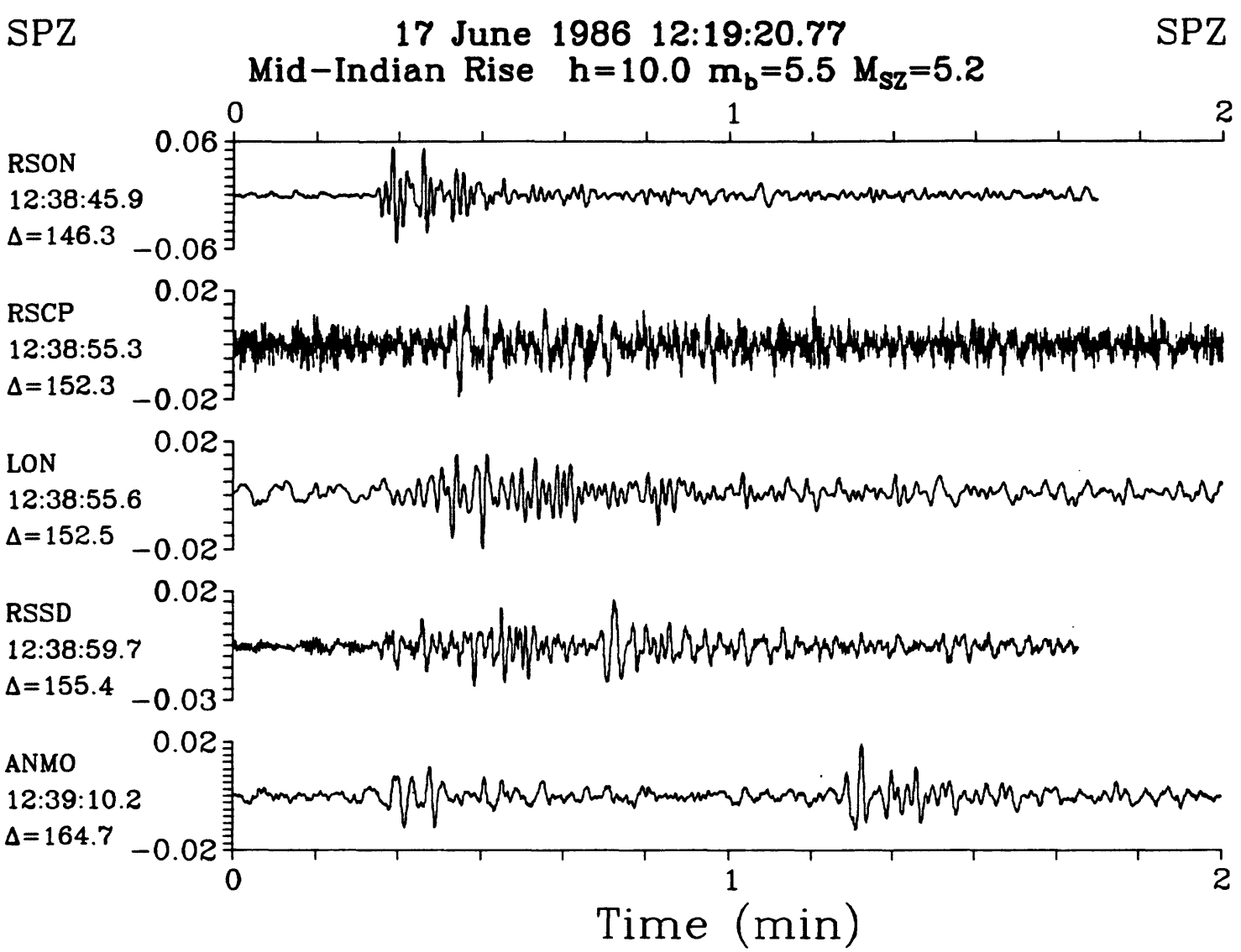


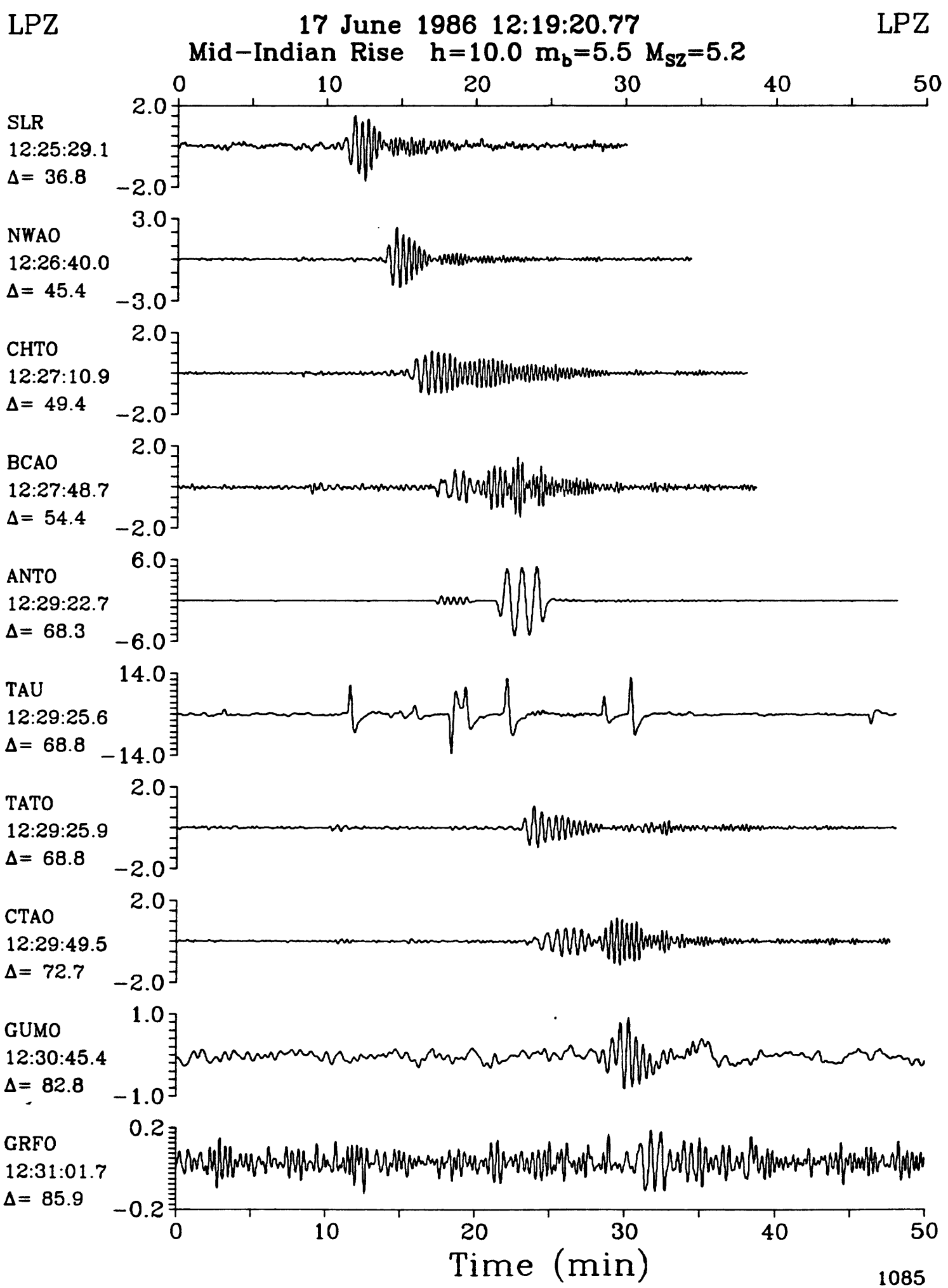
17 June 1986 12:19:20.77

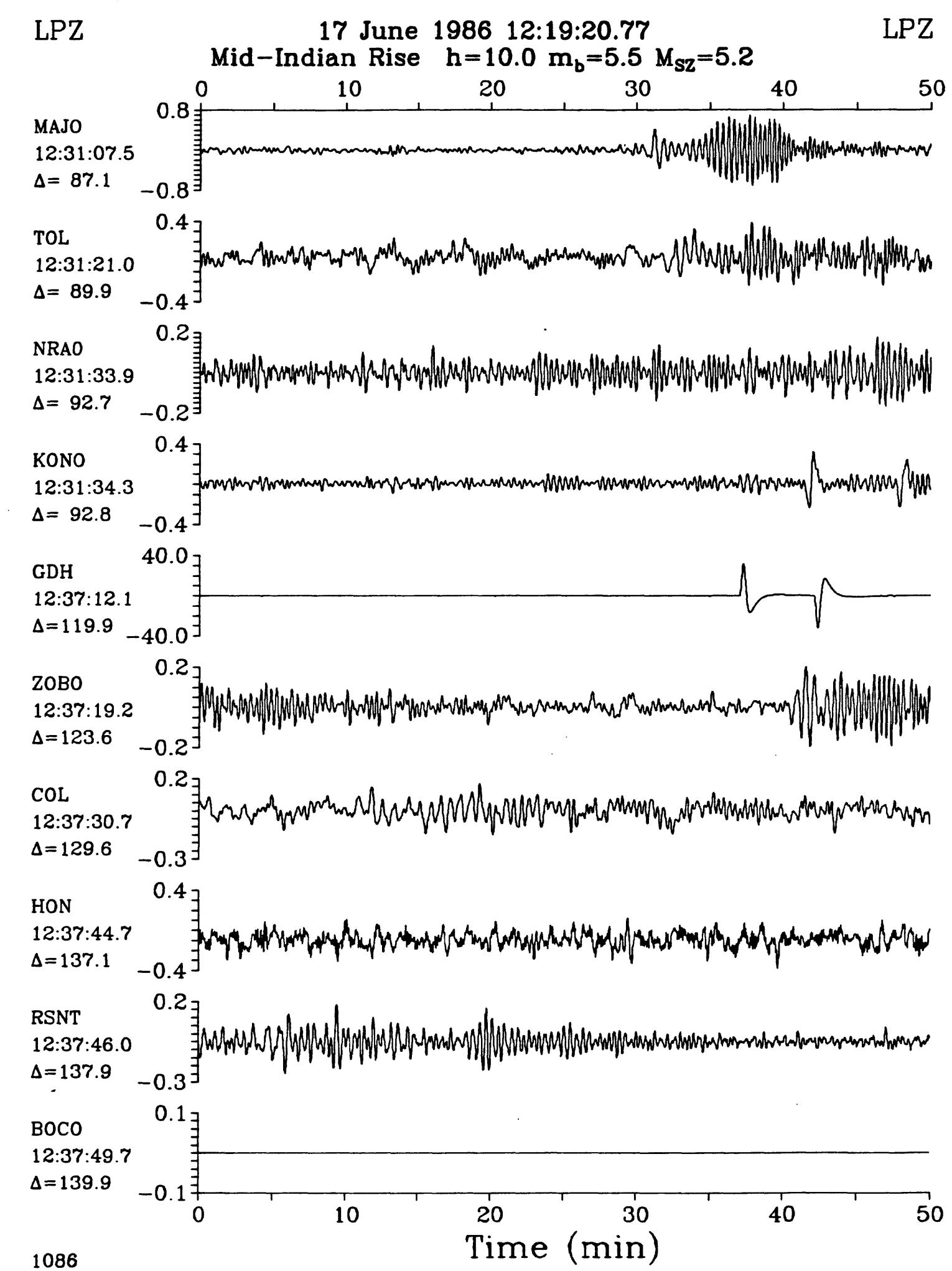
Mid-Indian Rise

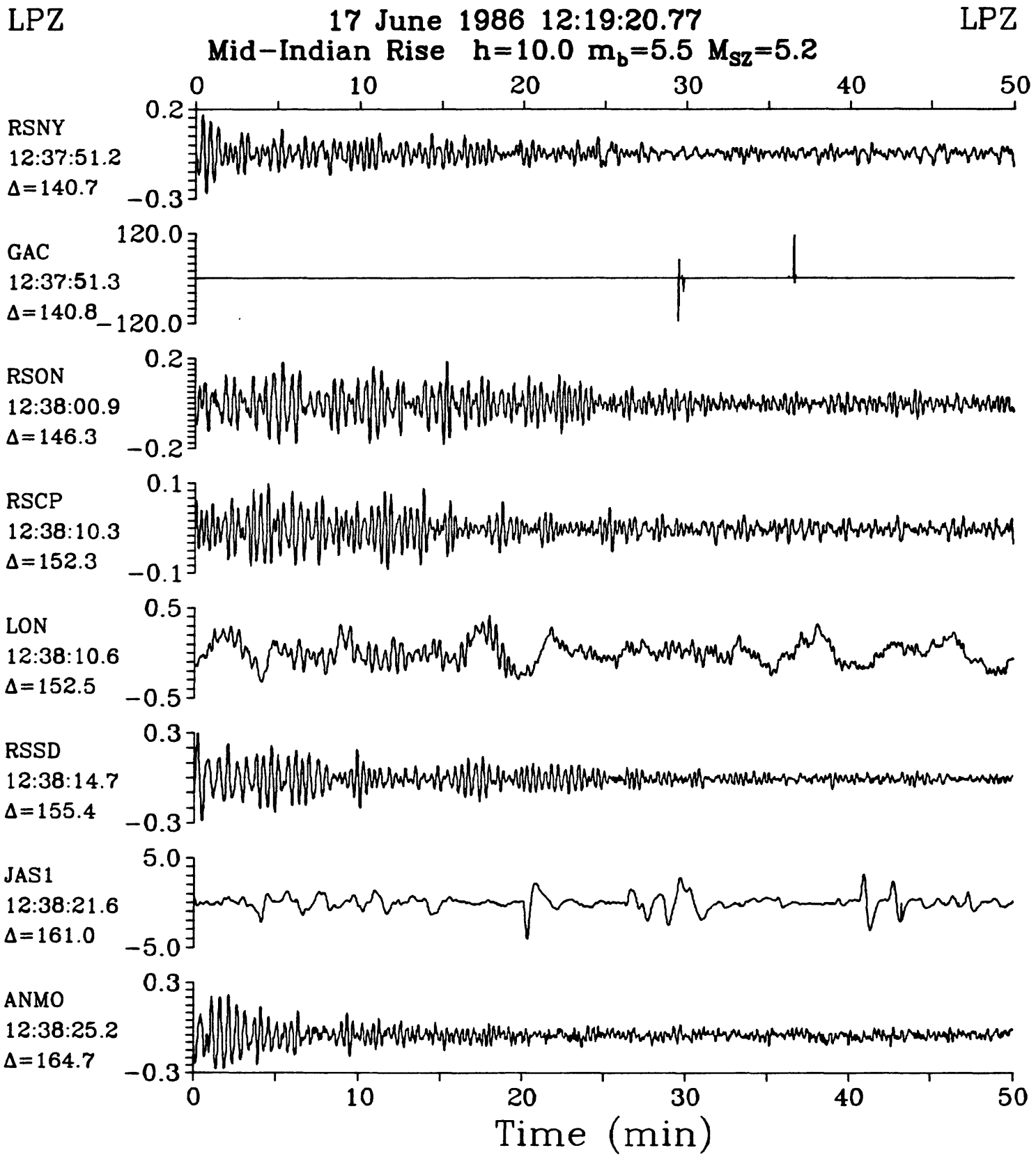



SPZ
17 June 1986 12:19:20.77
SPZ
Mid-Indian Rise h=10.0 m_b=5.5 M_{SZ}=5.2
0
1
2
0.03
CHTO
12:27:55.9
Δ= 49.4
-0.03
0.04
BCAO
12:28:33.7
Δ= 54.4
-0.04
0.02
ANTO
12:30:07.7
Δ= 68.3
-0.03
0.03
CTAO
12:30:34.5
Δ= 72.7
-0.03
0.07
GRFO
12:31:46.7
Δ= 85.9
-0.07
0.05
MAJO
12:31:52.5
Δ= 87.1
-0.05
0.02
NRAO
12:32:18.9
Δ= 92.7
-0.03
0.03
ZOBO
12:38:04.2
Δ=123.6
-0.03
0.02
COL
12:38:15.7
Δ=129.6
-0.02
0.01
RSNT
12:38:31.0
Δ=137.9
-0.01
0
1
2
Time (min)
1083


SPZ
17 June 1986 12:19:20.77
SPZ
Mid-Indian Rise h=10.0 m_b=5.5 M_{SZ}=5.2
0
1
2
0.06
RSON
12:38:45.9
Δ=146.3
-0.06
0.02
RSCP
12:38:55.3
Δ=152.3
-0.02
0.02
LON
12:38:55.6
Δ=152.5
-0.02
0.02
RSSD
12:38:59.7
Δ=155.4
-0.03
0.02
ANMO
12:39:10.2
Δ=164.7
-0.02
0
1
2
Time (min)

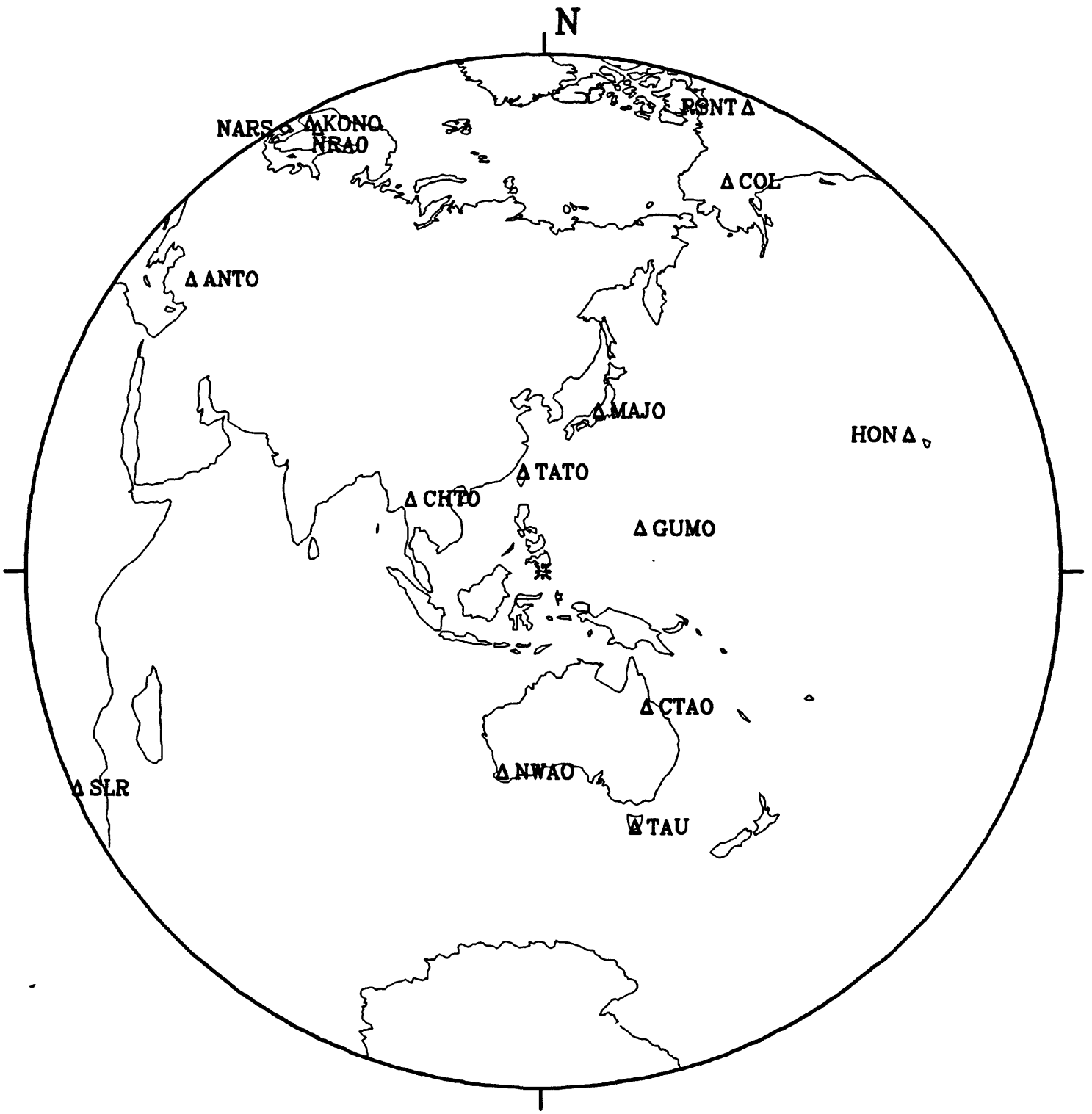

LPZ
17 June 1986 12:19:20.77
Mid-Indian Rise h=10.0 m_b=5.5 M_{SZ}=5.2
LPZ
0
10
20
30
40
50
SLR
12:25:29.1
Δ= 36.8
2.0
-2.0
NWAO
12:26:40.0
Δ= 45.4
3.0
-3.0
CHTO
12:27:10.9
Δ= 49.4
2.0
-2.0
BCAO
12:27:48.7
Δ= 54.4
2.0
-2.0
ANTO
12:29:22.7
Δ= 68.3
6.0
-6.0
TAU
12:29:25.6
Δ= 68.8
14.0
-14.0
TATO
12:29:25.9
Δ= 68.8
2.0
-2.0
CTAO
12:29:49.5
Δ= 72.7
2.0
-2.0
GUMO
12:30:45.4
Δ= 82.8
1.0
-1.0
GRFO
12:31:01.7
Δ= 85.9
0.2
-0.2
0
10
20
30
40
50
Time (min)
1085

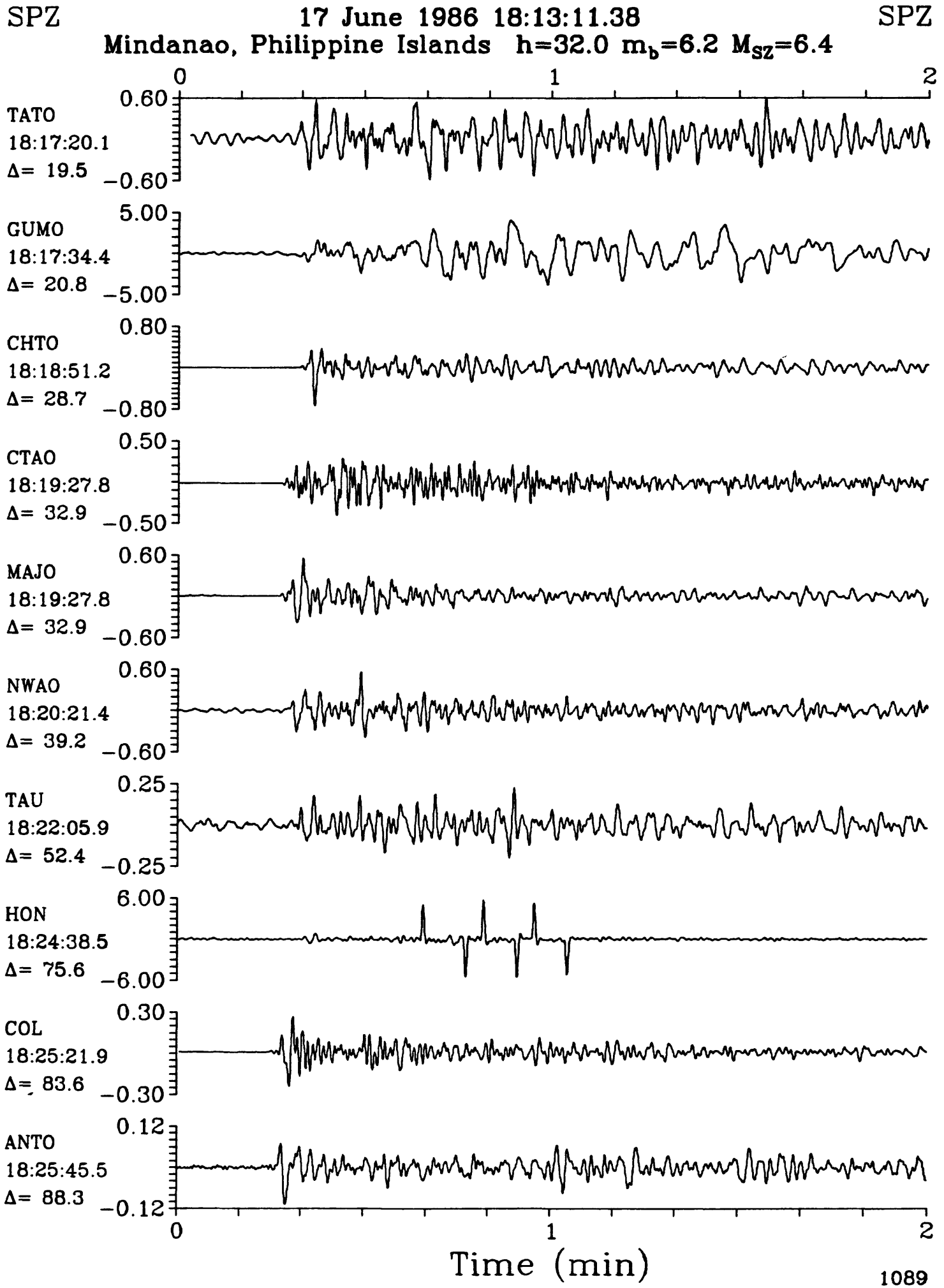

LPZ
17 June 1986 12:19:20.77
Mid-Indian Rise h=10.0 m_b=5.5 M_{SZ}=5.2
LPZ
0
10
20
30
40
50
MAJO
12:31:07.5
Δ= 87.1
0.8
-0.8
TOL
12:31:21.0
Δ= 89.9
0.4
-0.4
NRAO
12:31:33.9
Δ= 92.7
0.2
-0.2
KONO
12:31:34.3
Δ= 92.8
0.4
-0.4
GDH
12:37:12.1
Δ=119.9
40.0
-40.0
ZOBO
12:37:19.2
Δ=123.6
0.2
-0.2
COL
12:37:30.7
Δ=129.6
0.2
-0.3
HON
12:37:44.7
Δ=137.1
0.4
-0.4
RSNT
12:37:46.0
Δ=137.9
0.2
-0.3
BOCO
12:37:49.7
Δ=139.9
0.1
-0.1
0
10
20
30
40
50
Time (min)
1086

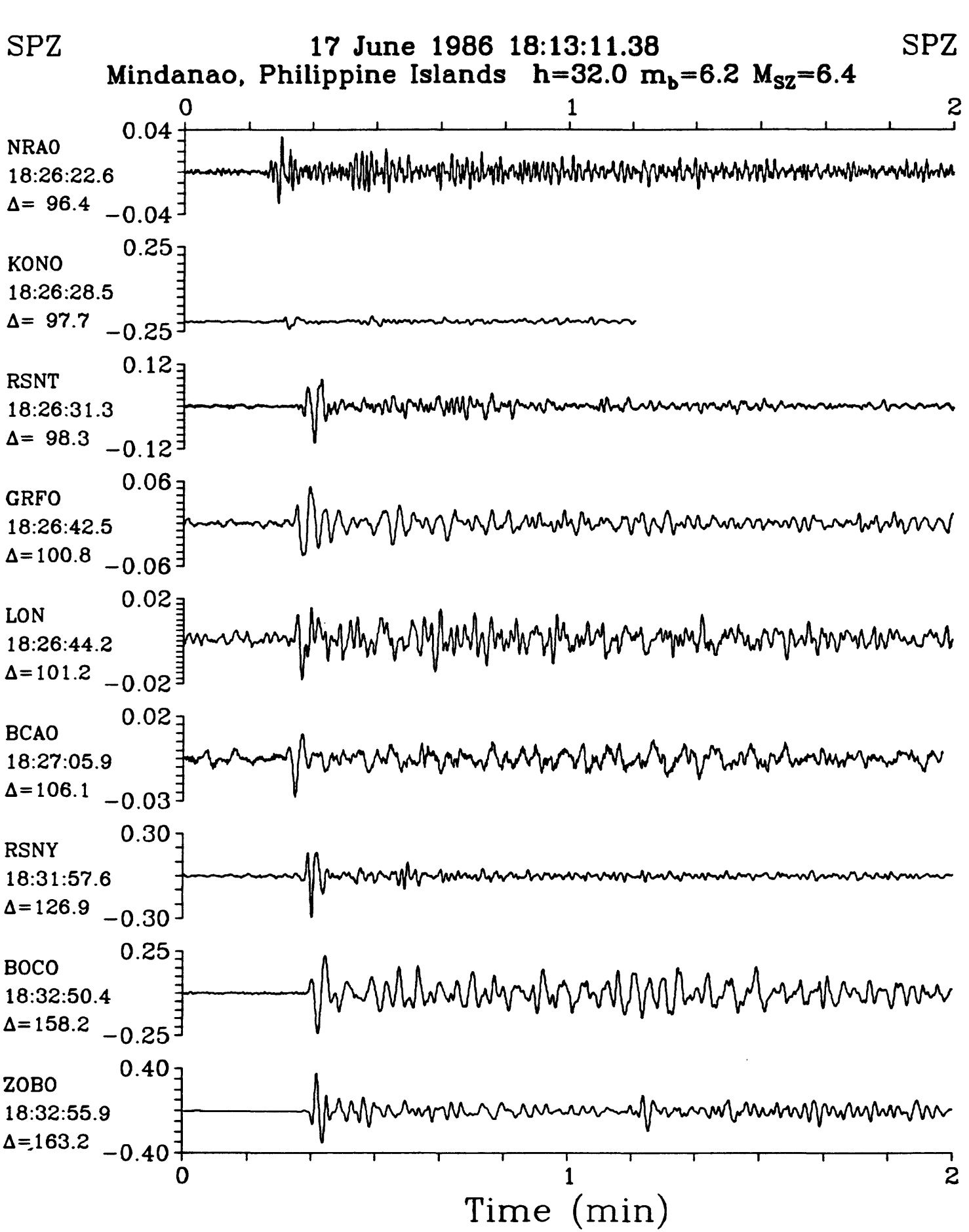

LPZ
17 June 1986 12:19:20.77
Mid-Indian Rise h=10.0 m_b=5.5 M_{SZ}=5.2
LPZ
0
10
20
30
40
50
RSNY
12:37:51.2
Δ=140.7
0.2
-0.3
GAC
12:37:51.3
Δ=140.8
120.0
-120.0
RSON
12:38:00.9
Δ=146.3
0.2
-0.2
RSCP
12:38:10.3
Δ=152.3
0.1
-0.1
LON
12:38:10.6
Δ=152.5
0.5
-0.5
RSSD
12:38:14.7
Δ=155.4
0.3
-0.3
JAS1
12:38:21.6
Δ=161.0
5.0
-5.0
ANMO
12:38:25.2
Δ=164.7
0.3
-0.3
0
10
20
30
40
50
Time (min)

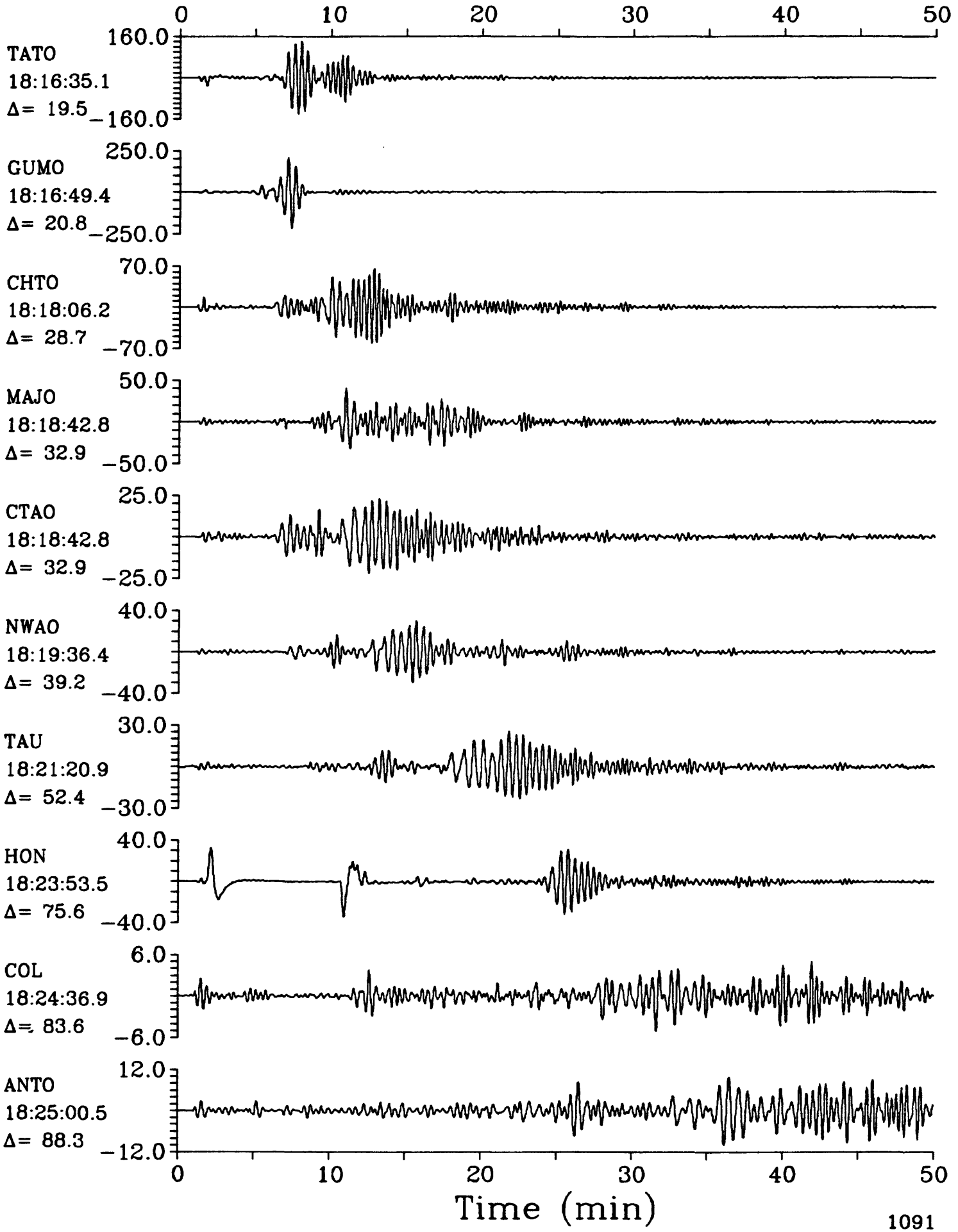
17 June 1986 18:13:11.38

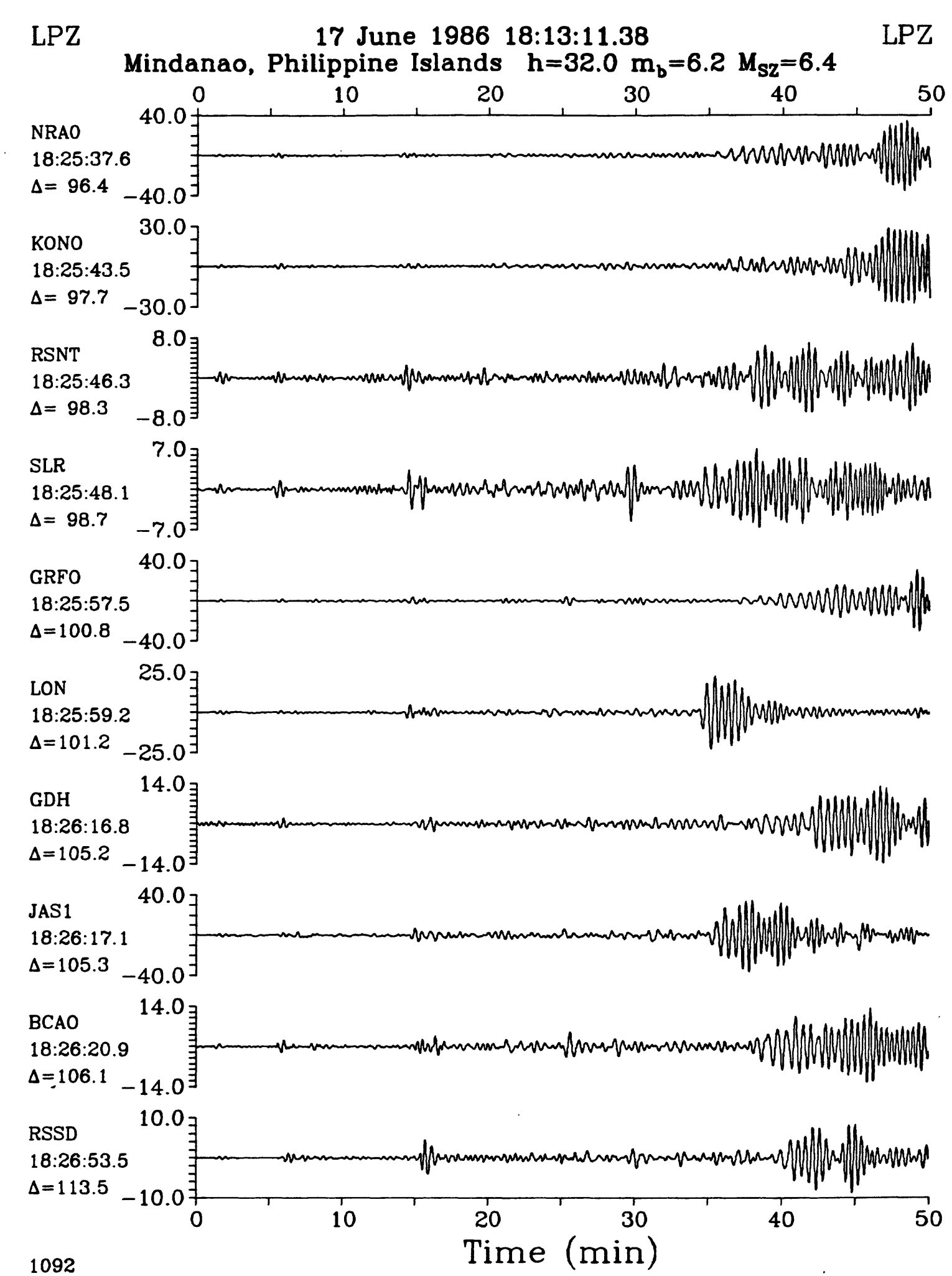
Mindanao, Philippine Islands

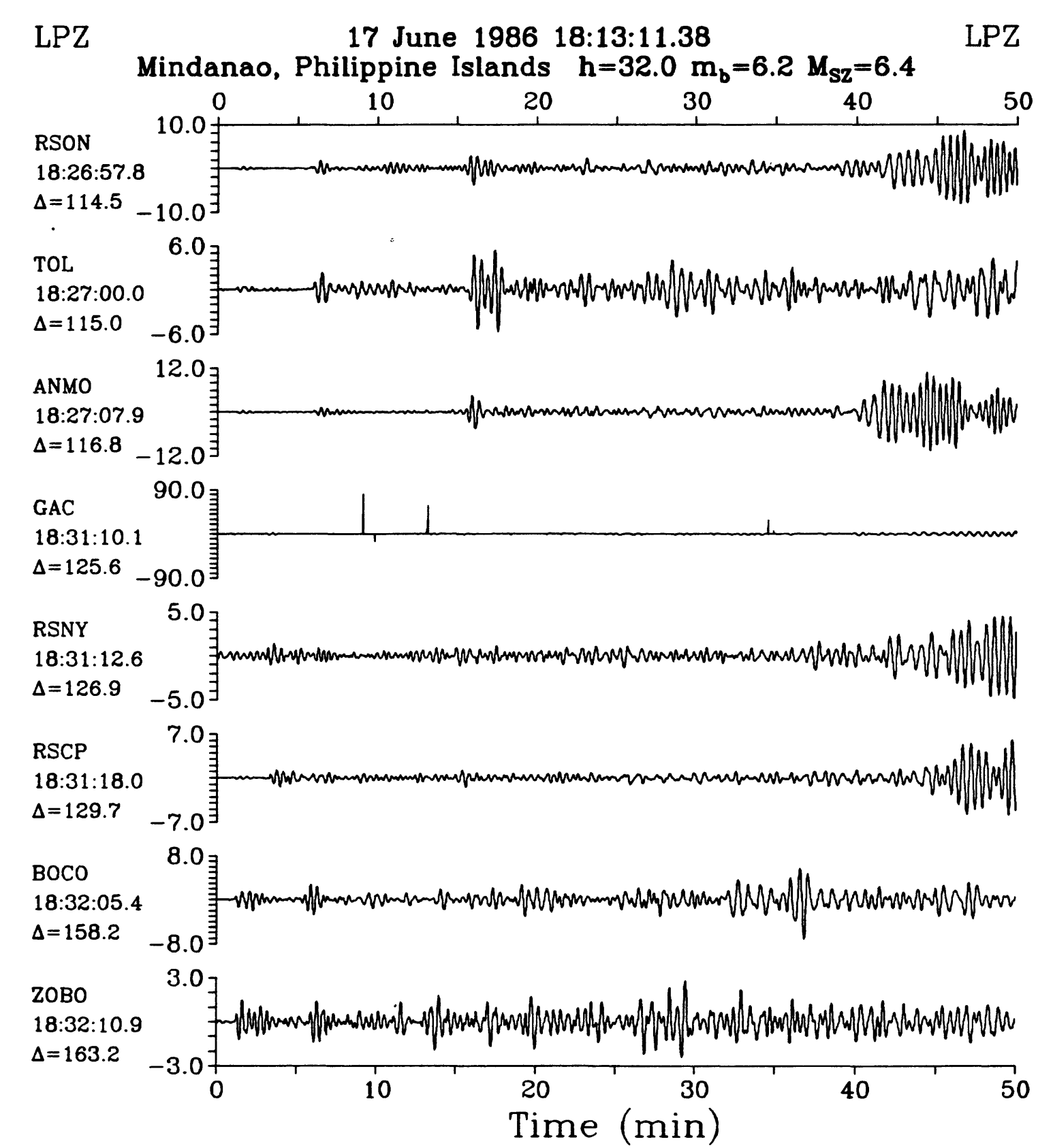


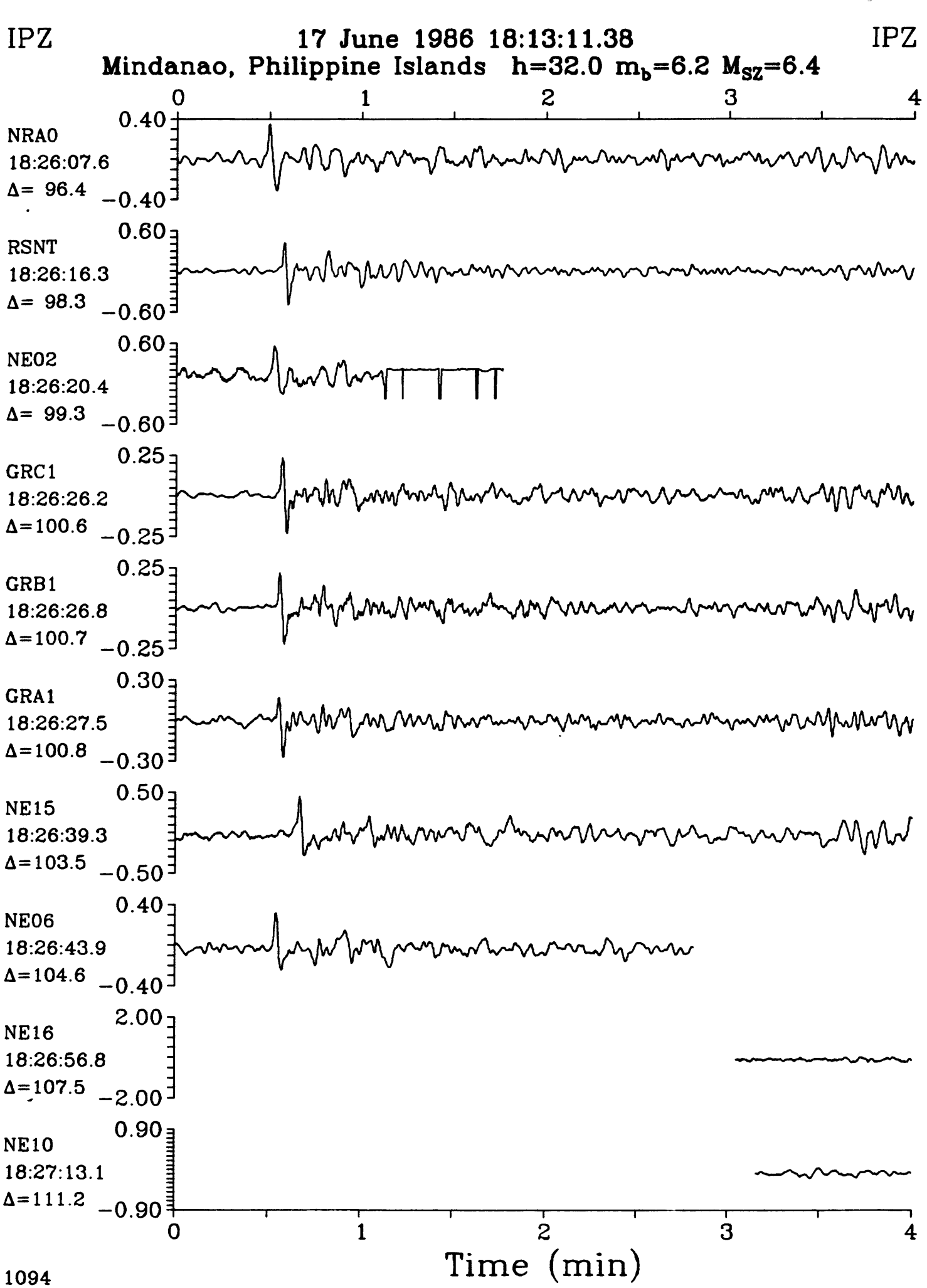

SPZ
17 June 1986 18:13:11.38
SPZ
Mindanao, Philippine Islands h=32.0 m_b=6.2 M_{SZ}=6.4
0
1
2
0.60
TATO
18:17:20.1
Δ= 19.5
-0.60
5.00
GUMO
18:17:34.4
Δ= 20.8
-5.00
0.80
CHTO
18:18:51.2
Δ= 28.7
-0.80
0.50
CTAO
18:19:27.8
Δ= 32.9
-0.50
0.60
MAJO
18:19:27.8
Δ= 32.9
-0.60
0.60
NWAO
18:20:21.4
Δ= 39.2
-0.60
0.25
TAU
18:22:05.9
Δ= 52.4
-0.25
6.00
HON
18:24:38.5
Δ= 75.6
-6.00
0.30
COL
18:25:21.9
Δ= 83.6
-0.30
0.12
ANTO
18:25:45.5
Δ= 88.3
-0.12
0
1
2
Time (min)
1089


SPZ
17 June 1986 18:13:11.38
SPZ
Mindanao, Philippine Islands h=32.0 m_b=6.2 M_{SZ}=6.4
0
1
2
0.04
NRAO
18:26:22.6
Δ= 96.4
−0.04
0.25
KONO
18:26:28.5
Δ= 97.7
−0.25
0.12
RSNT
18:26:31.3
Δ= 98.3
−0.12
0.06
GRFO
18:26:42.5
Δ=100.8
−0.06
0.02
LON
18:26:44.2
Δ=101.2
−0.02
0.02
BCAO
18:27:05.9
Δ=106.1
−0.03
0.30
RSNY
18:31:57.6
Δ=126.9
−0.30
0.25
BOCO
18:32:50.4
Δ=158.2
−0.25
0.40
ZOBO
18:32:55.9
Δ=163.2
−0.40
0
1
2
Time (min)


LPZ
17 June 1986 18:13:11.38
LPZ
Mindanao, Philippine Islands h=32.0 m_b=6.2 M_{SZ}=6.4
0
10
20
30
40
50
TATO
18:16:35.1
Δ= 19.5
160.0
-160.0
GUMO
18:16:49.4
Δ= 20.8
250.0
-250.0
CHTO
18:18:06.2
Δ= 28.7
70.0
-70.0
MAJO
18:18:42.8
Δ= 32.9
50.0
-50.0
CTAO
18:18:42.8
Δ= 32.9
25.0
-25.0
NWAO
18:19:36.4
Δ= 39.2
40.0
-40.0
TAU
18:21:20.9
Δ= 52.4
30.0
-30.0
HON
18:23:53.5
Δ= 75.6
40.0
-40.0
COL
18:24:36.9
Δ= 83.6
6.0
-6.0
ANTO
18:25:00.5
Δ= 88.3
12.0
-12.0
0
10
20
30
40
50
Time (min)
1091

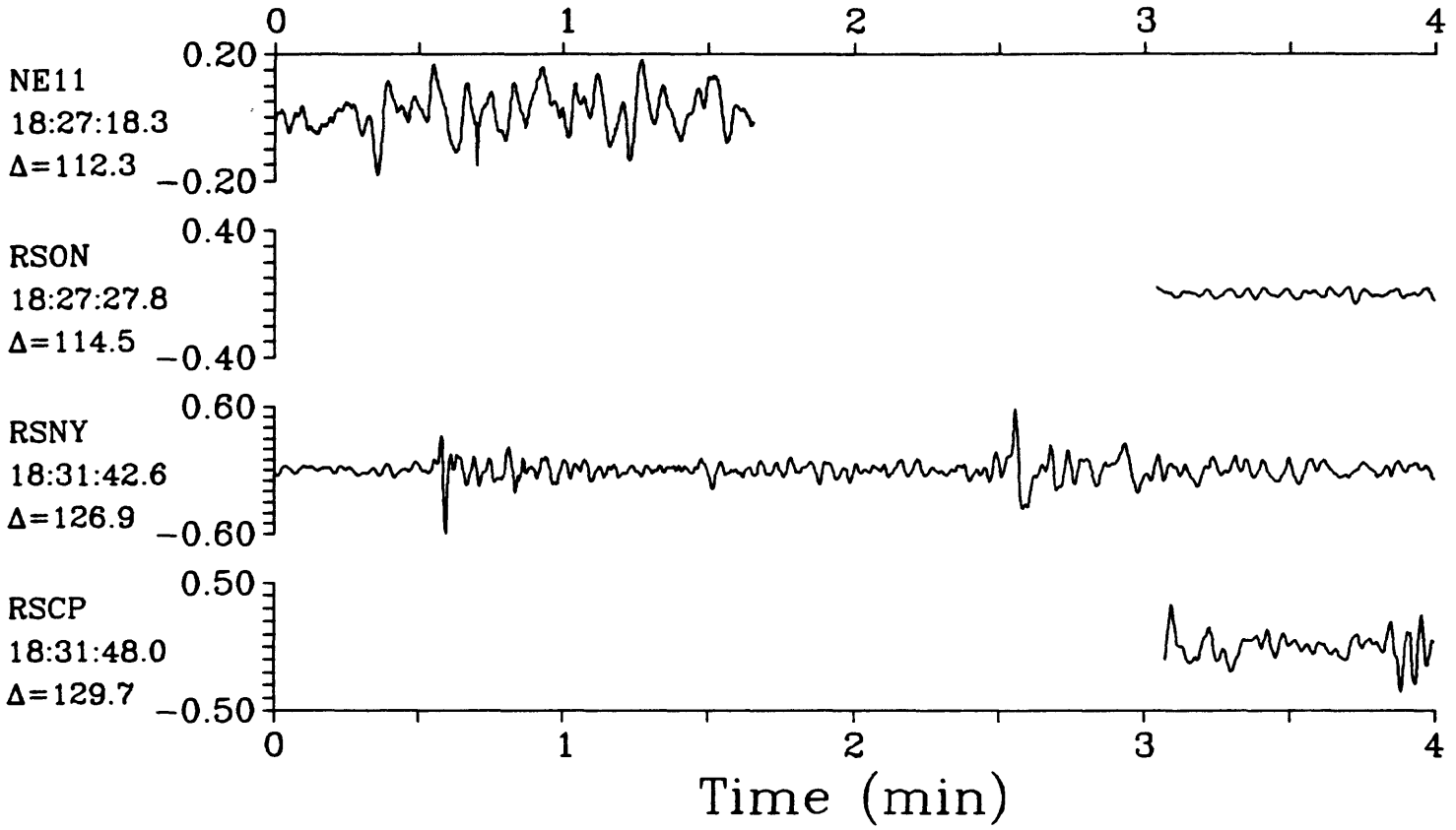

LPZ
17 June 1986 18:13:11.38
LPZ
Mindanao, Philippine Islands h=32.0 m_b=6.2 M_{SZ}=6.4
0
10
20
30
40
50
NRAO
18:25:37.6
Δ= 96.4
40.0
-40.0
KONO
18:25:43.5
Δ= 97.7
30.0
-30.0
RSNT
18:25:46.3
Δ= 98.3
8.0
-8.0
SLR
18:25:48.1
Δ= 98.7
7.0
-7.0
GRFO
18:25:57.5
Δ=100.8
40.0
-40.0
LON
18:25:59.2
Δ=101.2
25.0
-25.0
GDH
18:26:16.8
Δ=105.2
14.0
-14.0
JAS1
18:26:17.1
Δ=105.3
40.0
-40.0
BCAO
18:26:20.9
Δ=106.1
14.0
-14.0
RSSD
18:26:53.5
Δ=113.5
10.0
-10.0
0
10
20
30
40
50
Time (min)
1092


LPZ
17 June 1986 18:13:11.38
LPZ
Mindanao, Philippine Islands h=32.0 m_b=6.2 M_{SZ}=6.4
0
10
20
30
40
50
RSON
18:26:57.8
Δ=114.5
10.0
-10.0
TOL
18:27:00.0
Δ=115.0
6.0
-6.0
ANMO
18:27:07.9
Δ=116.8
12.0
-12.0
GAC
18:31:10.1
Δ=125.6
90.0
-90.0
RSNY
18:31:12.6
Δ=126.9
5.0
-5.0
RSCP
18:31:18.0
Δ=129.7
7.0
-7.0
BOCO
18:32:05.4
Δ=158.2
8.0
-8.0
ZOBO
18:32:10.9
Δ=163.2
3.0
-3.0
Time (min)


IPZ
17 June 1986 18:13:11.38
IPZ
Mindanao, Philippine Islands h=32.0 m_b=6.2 M_{SZ}=6.4
0
1
2
3
4
NRA0
18:26:07.6
Δ= 96.4
0.40
-0.40
RSNT
18:26:16.3
Δ= 98.3
0.60
-0.60
NE02
18:26:20.4
Δ= 99.3
0.60
-0.60
GRC1
18:26:26.2
Δ=100.6
0.25
-0.25
GRB1
18:26:26.8
Δ=100.7
0.25
-0.25
GRA1
18:26:27.5
Δ=100.8
0.30
-0.30
NE15
18:26:39.3
Δ=103.5
0.50
-0.50
NE06
18:26:43.9
Δ=104.6
0.40
-0.40
NE16
18:26:56.8
Δ=107.5
2.00
-2.00
NE10
18:27:13.1
Δ=111.2
0.90
-0.90
0
1
2
3
4
Time (min)

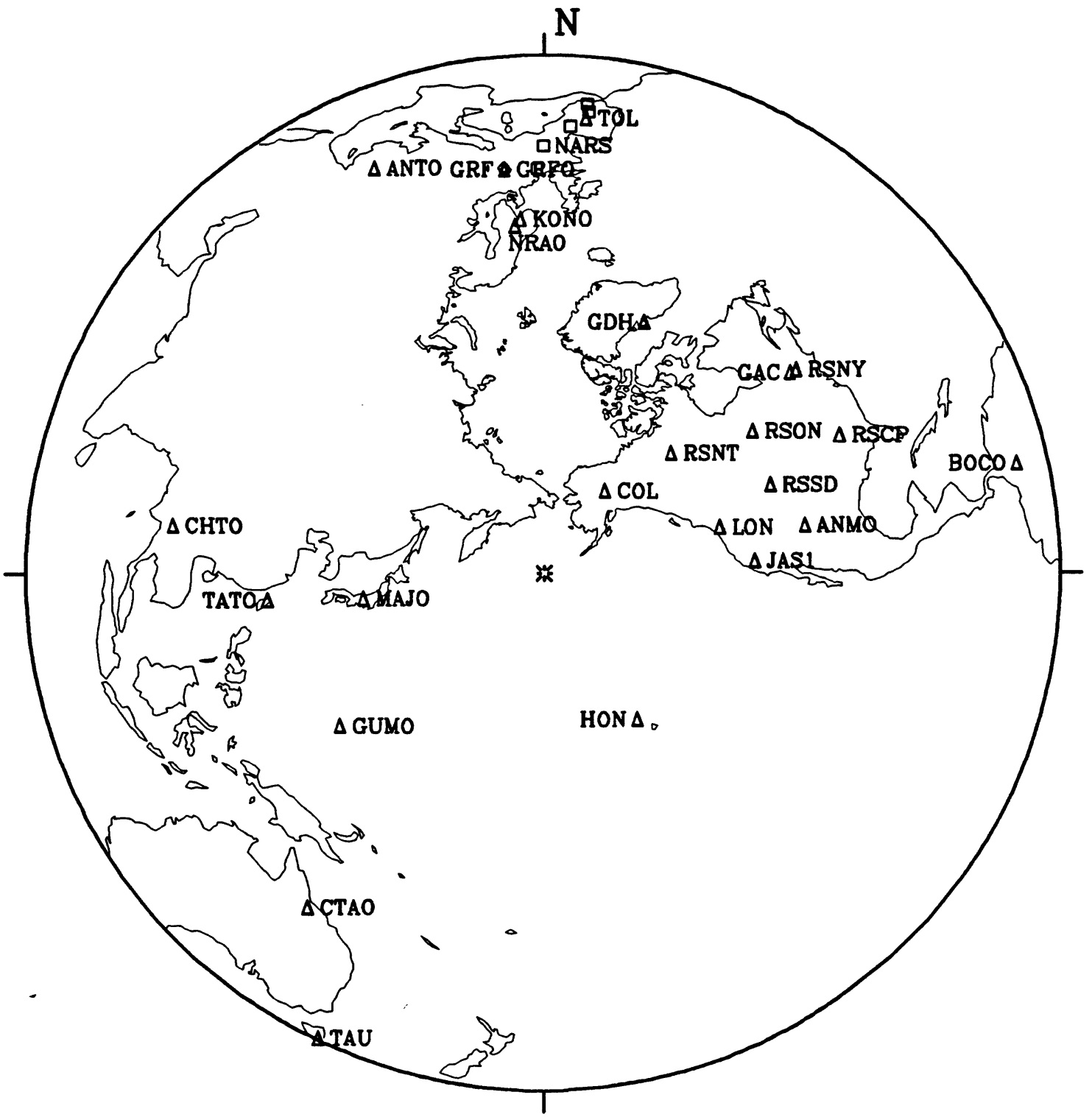
IPZ 17 June 1986 18:13:11.38 IPZ

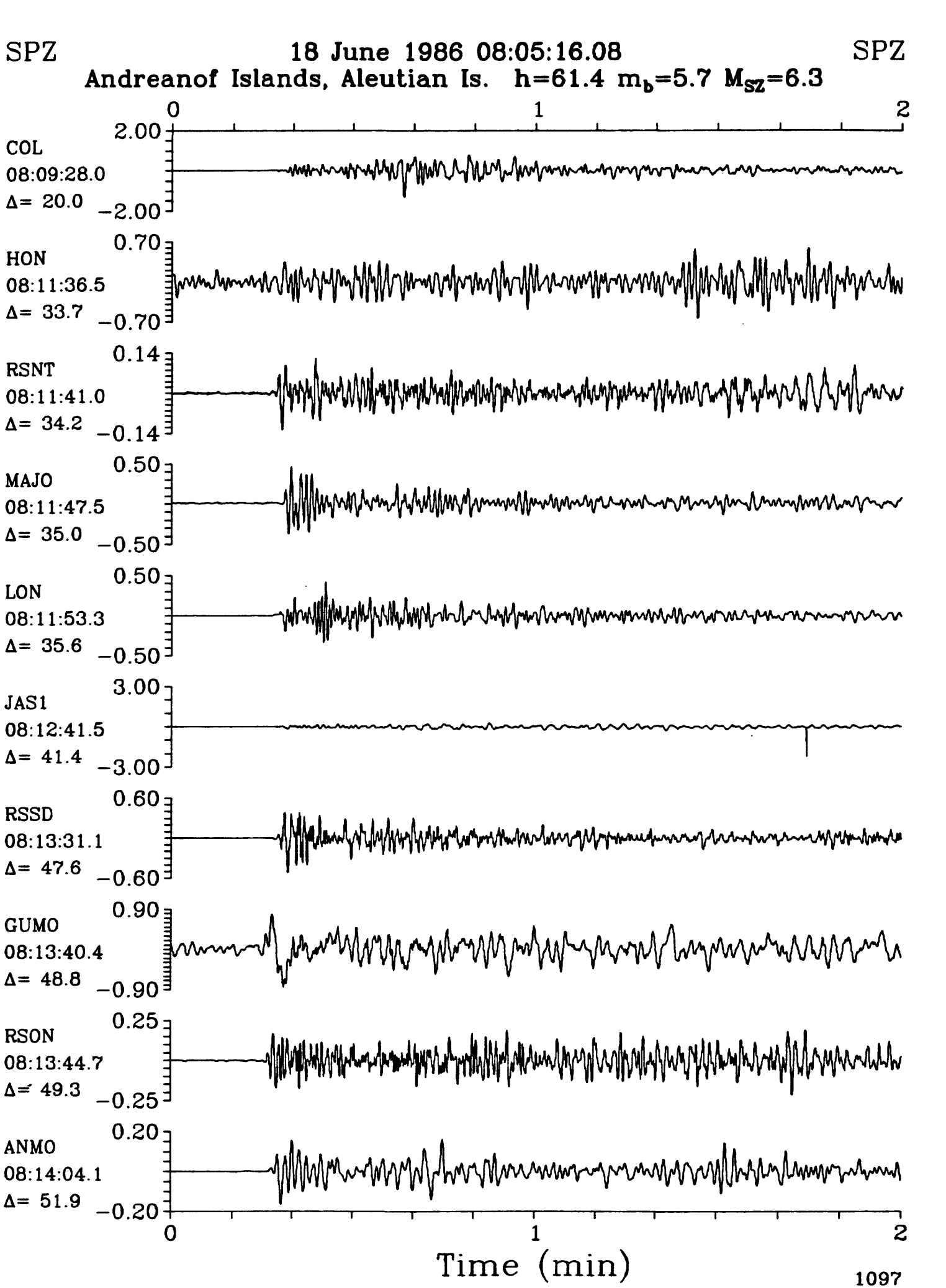
Mindanao, Philippine Islands h=32.0 m_b=6.2 M_{SZ}=6.4

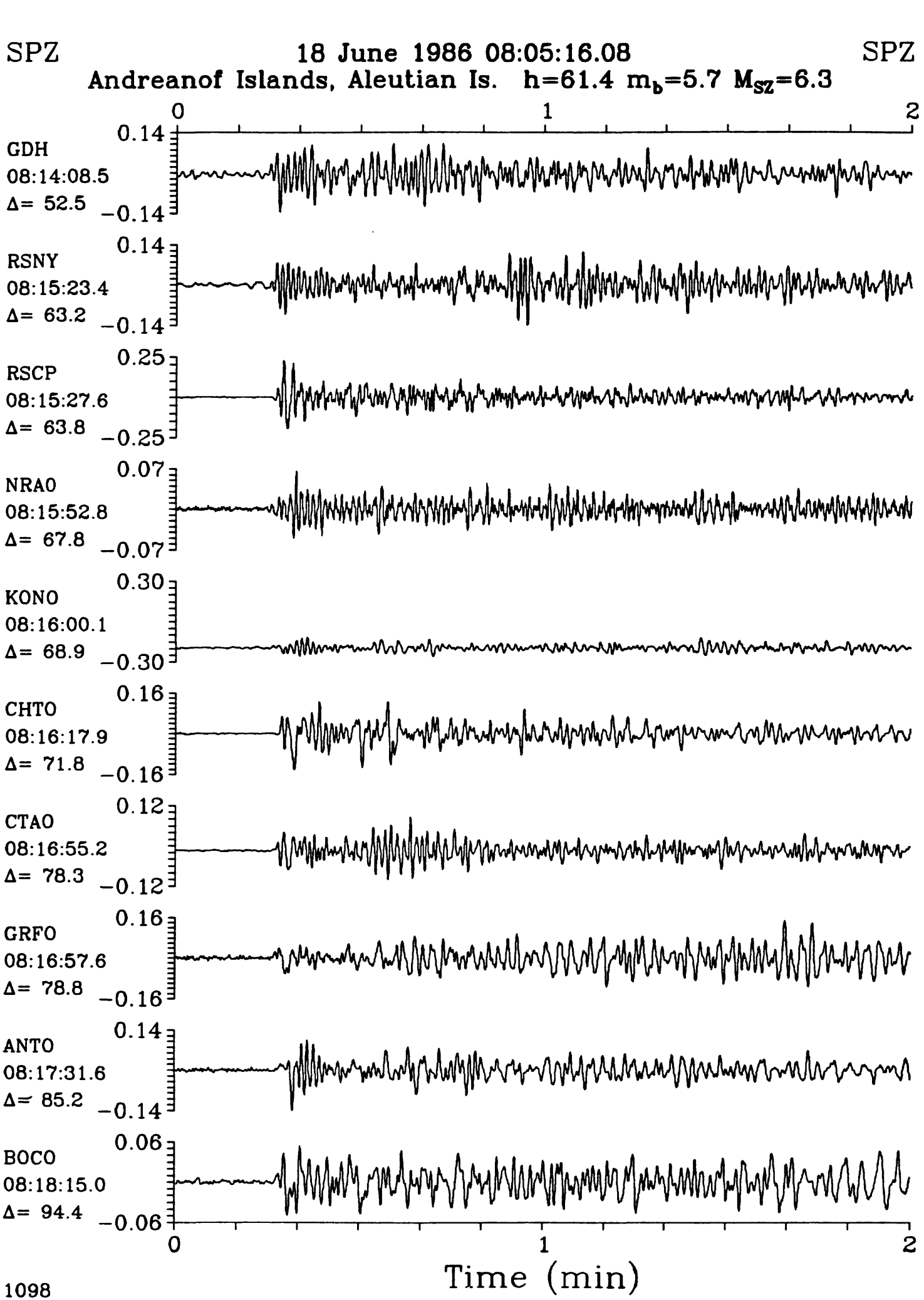


18 June 1986 08:05:16.08

Andreanof Islands, Aleutian Is.

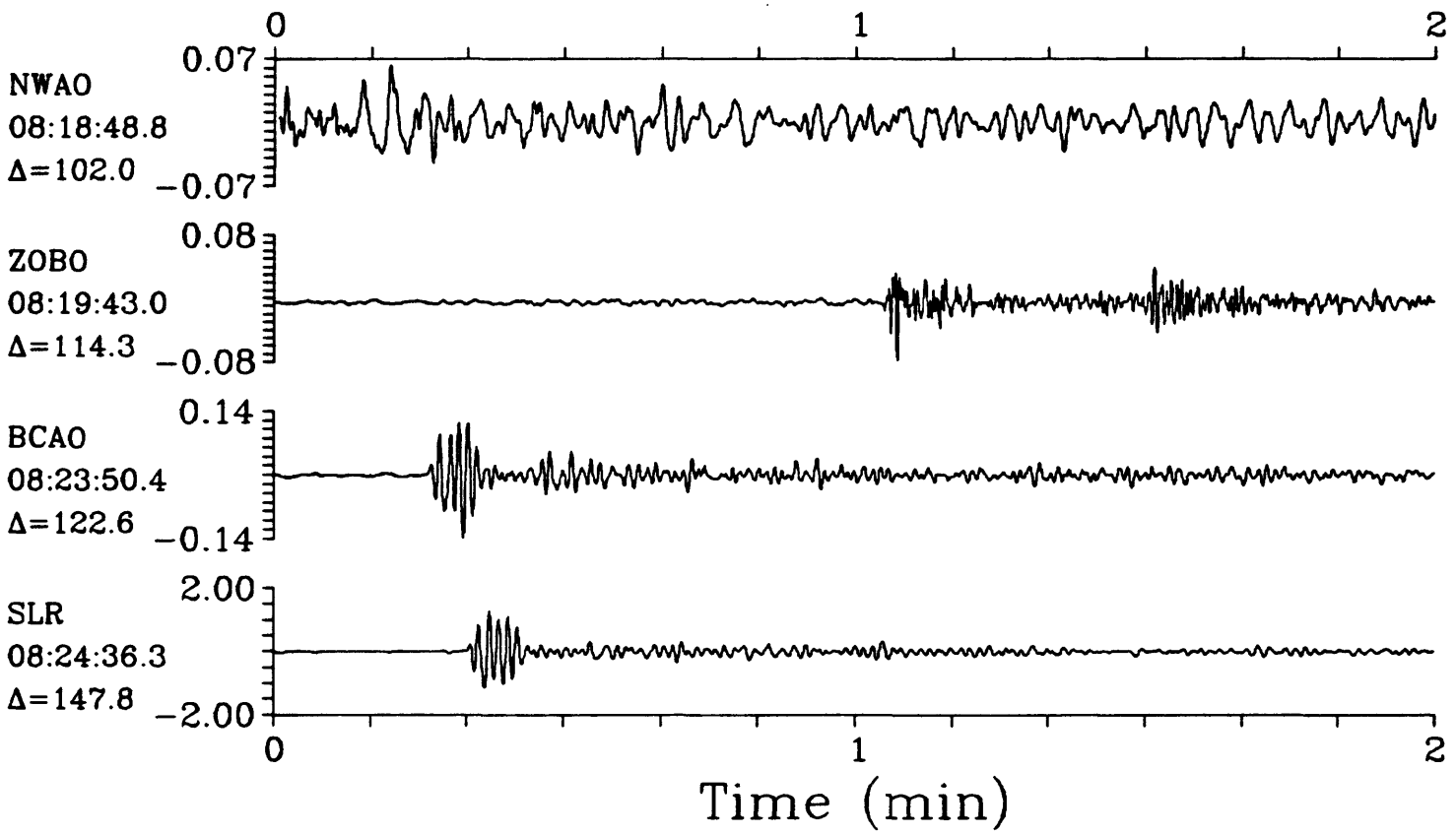


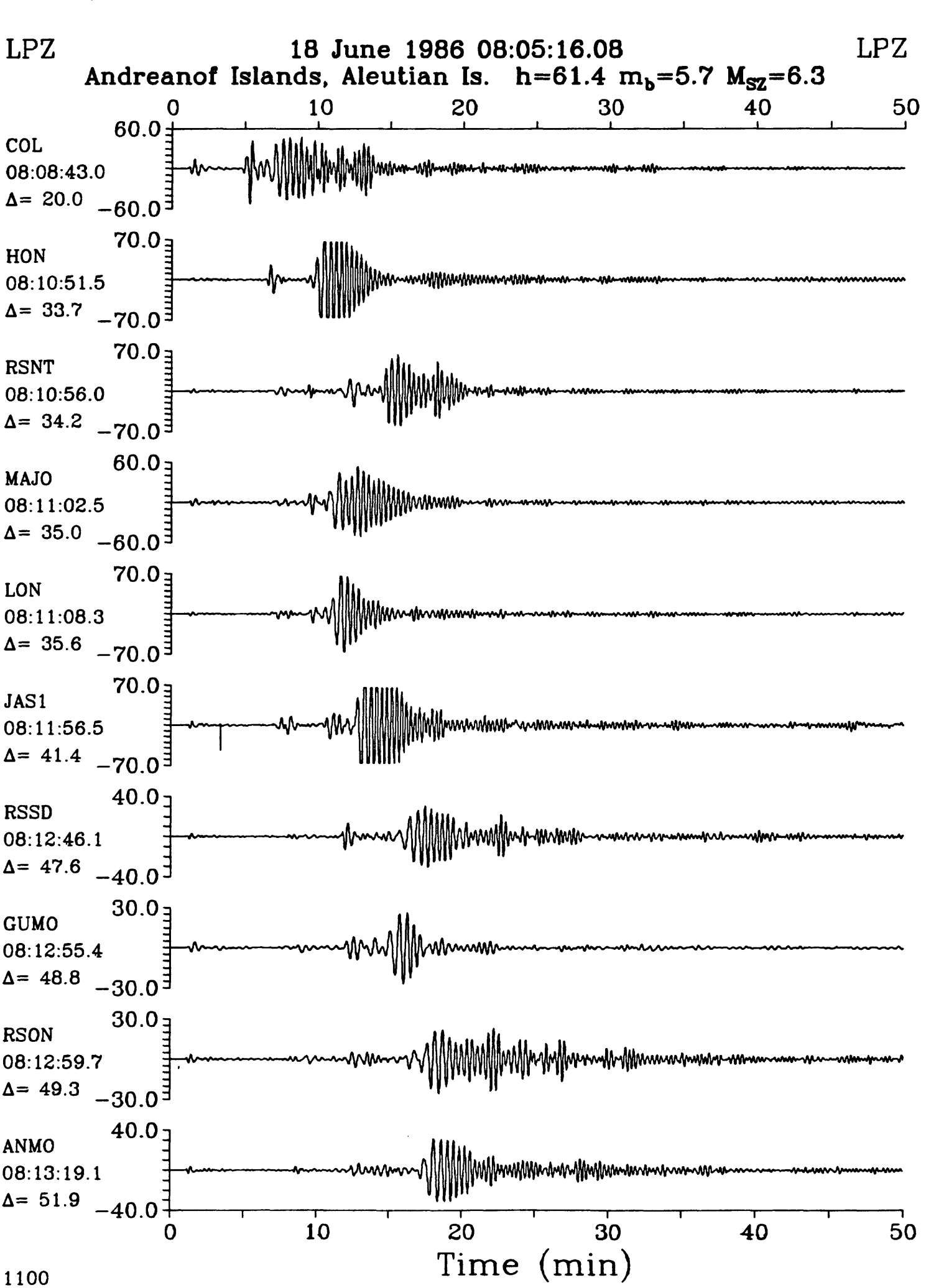

SPZ
18 June 1986 08:05:16.08
SPZ
Andreanof Islands, Aleutian Is. h=61.4 m_b=5.7 M_{SZ}=6.3
0
1
2
COL
08:09:28.0
Δ= 20.0
2.00
-2.00
HON
08:11:36.5
Δ= 33.7
0.70
-0.70
RSNT
08:11:41.0
Δ= 34.2
0.14
-0.14
MAJO
08:11:47.5
Δ= 35.0
0.50
-0.50
LON
08:11:53.3
Δ= 35.6
0.50
-0.50
JAS1
08:12:41.5
Δ= 41.4
3.00
-3.00
RSSD
08:13:31.1
Δ= 47.6
0.60
-0.60
GUMO
08:13:40.4
Δ= 48.8
0.90
-0.90
RSON
08:13:44.7
Δ= 49.3
0.25
-0.25
ANMO
08:14:04.1
Δ= 51.9
0.20
-0.20
0
1
2
Time (min)
1097

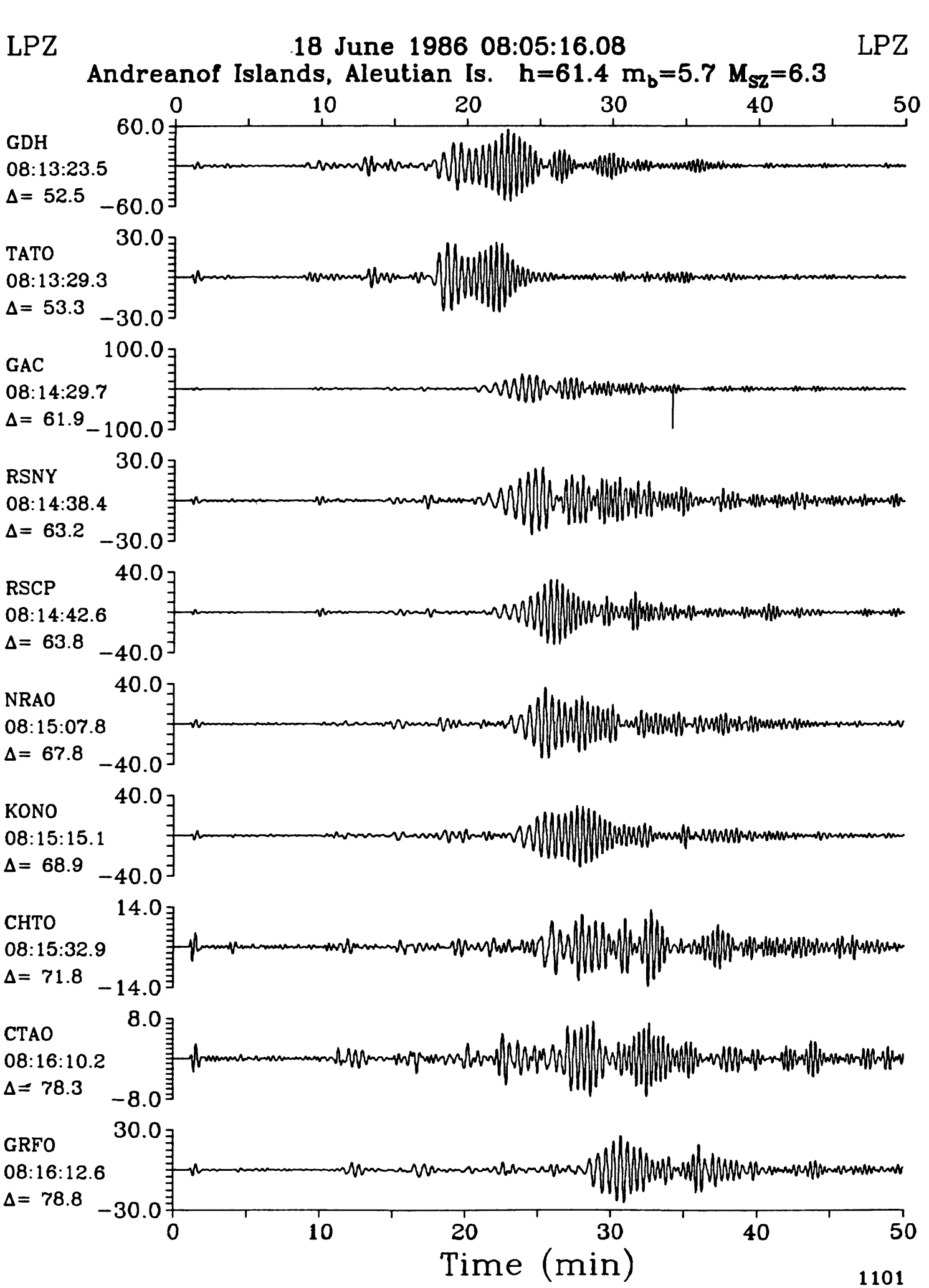

SPZ
18 June 1986 08:05:16.08
SPZ
Andreanof Islands, Aleutian Is. h=61.4 m_b=5.7 M_{SZ}=6.3
0
1
2
0.14
GDH
08:14:08.5
Δ= 52.5
−0.14
0.14
RSNY
08:15:23.4
Δ= 63.2
−0.14
0.25
RSCP
08:15:27.6
Δ= 63.8
−0.25
0.07
NRAO
08:15:52.8
Δ= 67.8
−0.07
0.30
KONO
08:16:00.1
Δ= 68.9
−0.30
0.16
CHTO
08:16:17.9
Δ= 71.8
−0.16
0.12
CTAO
08:16:55.2
Δ= 78.3
−0.12
0.16
GRFO
08:16:57.6
Δ= 78.8
−0.16
0.14
ANTO
08:17:31.6
Δ= 85.2
−0.14
0.06
BOCO
08:18:15.0
Δ= 94.4
−0.06
0
1
2
Time (min)

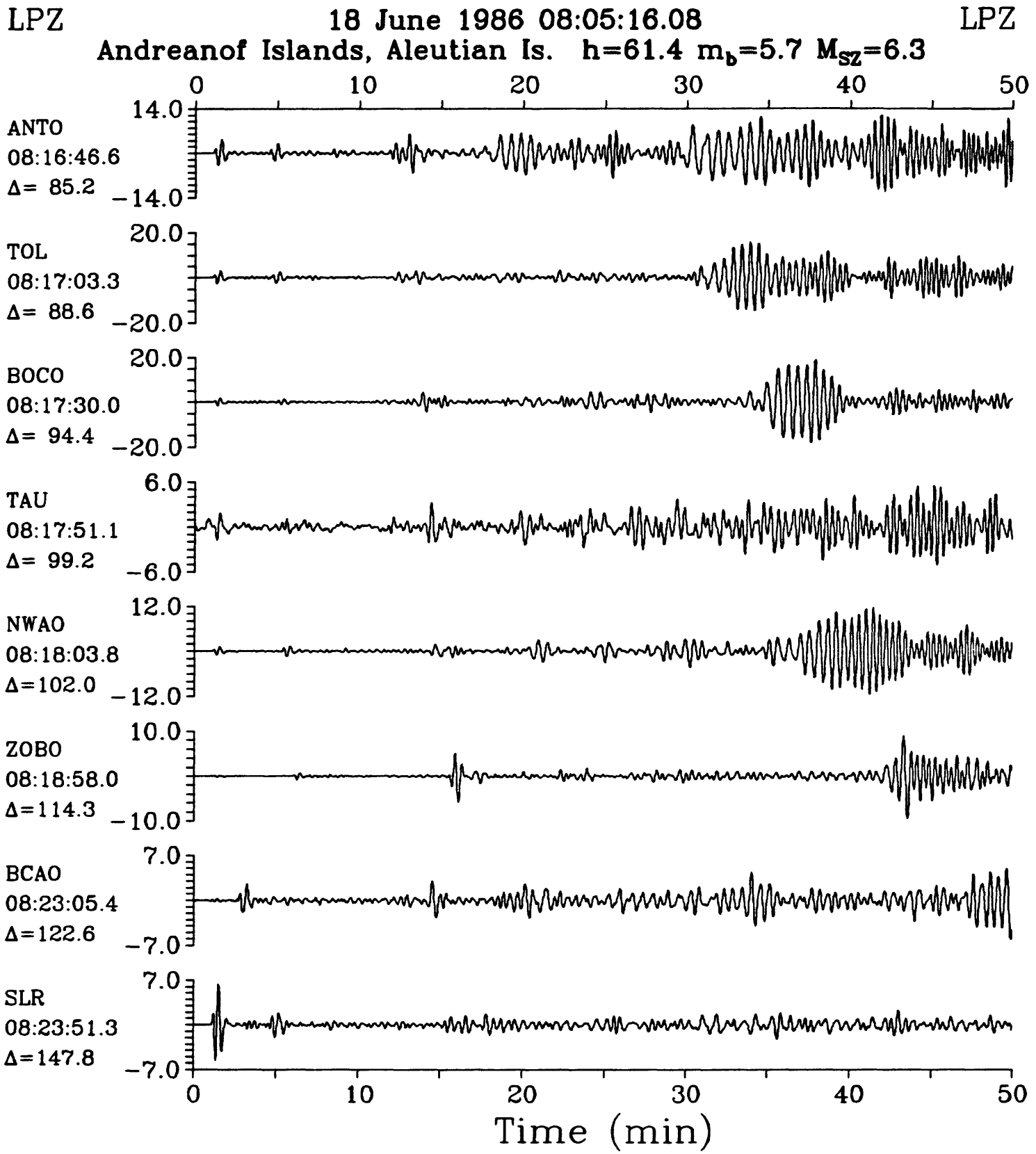
SPZ 18 June 1986 08:05:16.08 SPZ

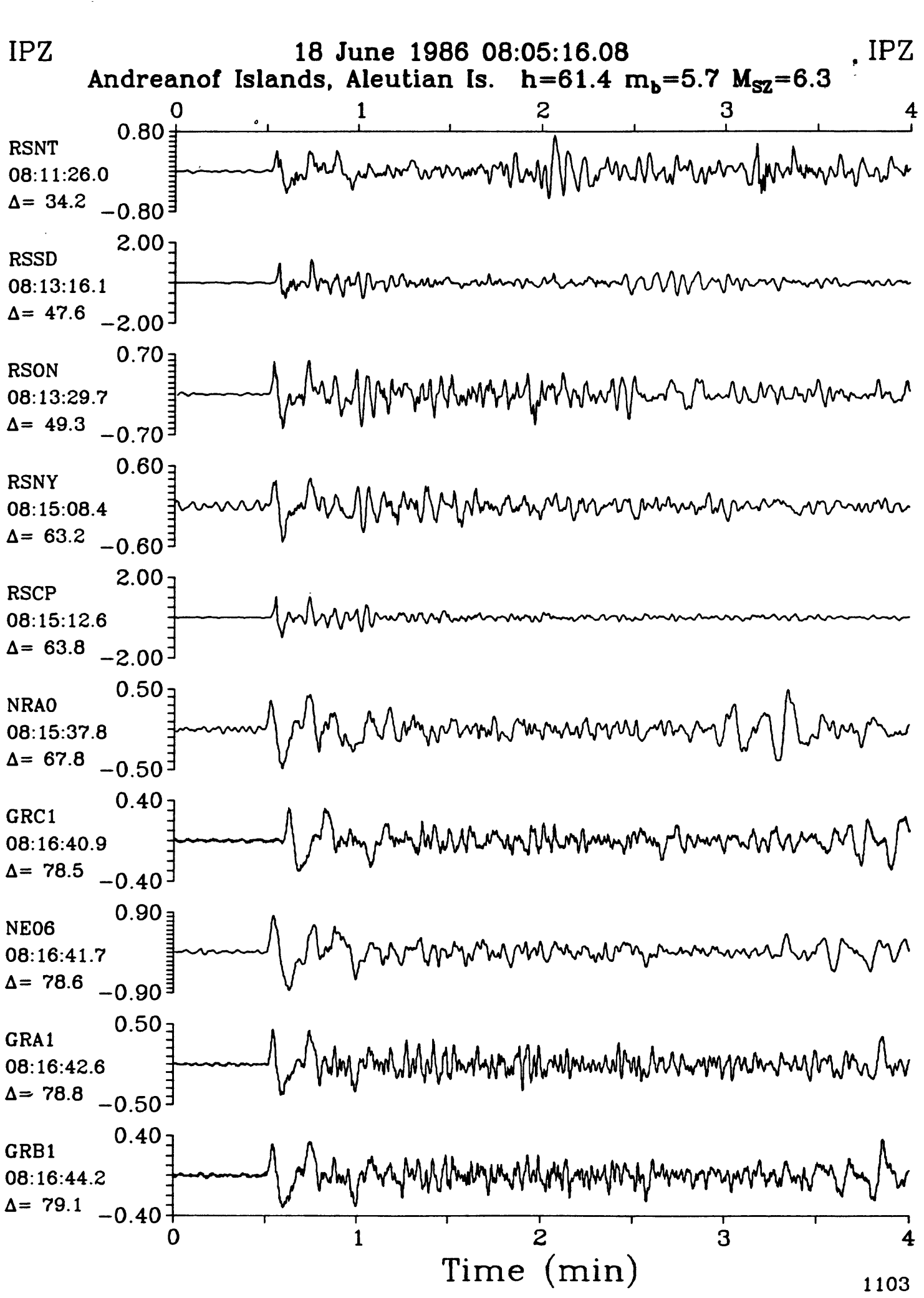
Andreanof Islands, Aleutian Is. h=61.4 m_b=5.7 M_{SZ}=6.3




LPZ
18 June 1986 08:05:16.08
LPZ
Andreanof Islands, Aleutian Is. h=61.4 m_b=5.7 M_{SZ}=6.3
0
10
20
30
40
50
COL
08:08:43.0
Δ= 20.0
60.0
-60.0
HON
08:10:51.5
Δ= 33.7
70.0
-70.0
RSNT
08:10:56.0
Δ= 34.2
70.0
-70.0
MAJO
08:11:02.5
Δ= 35.0
60.0
-60.0
LON
08:11:08.3
Δ= 35.6
70.0
-70.0
JAS1
08:11:56.5
Δ= 41.4
70.0
-70.0
RSSD
08:12:46.1
Δ= 47.6
40.0
-40.0
GUMO
08:12:55.4
Δ= 48.8
30.0
-30.0
RSON
08:12:59.7
Δ= 49.3
30.0
-30.0
ANMO
08:13:19.1
Δ= 51.9
40.0
-40.0
0
10
20
30
40
50
Time (min)
1100

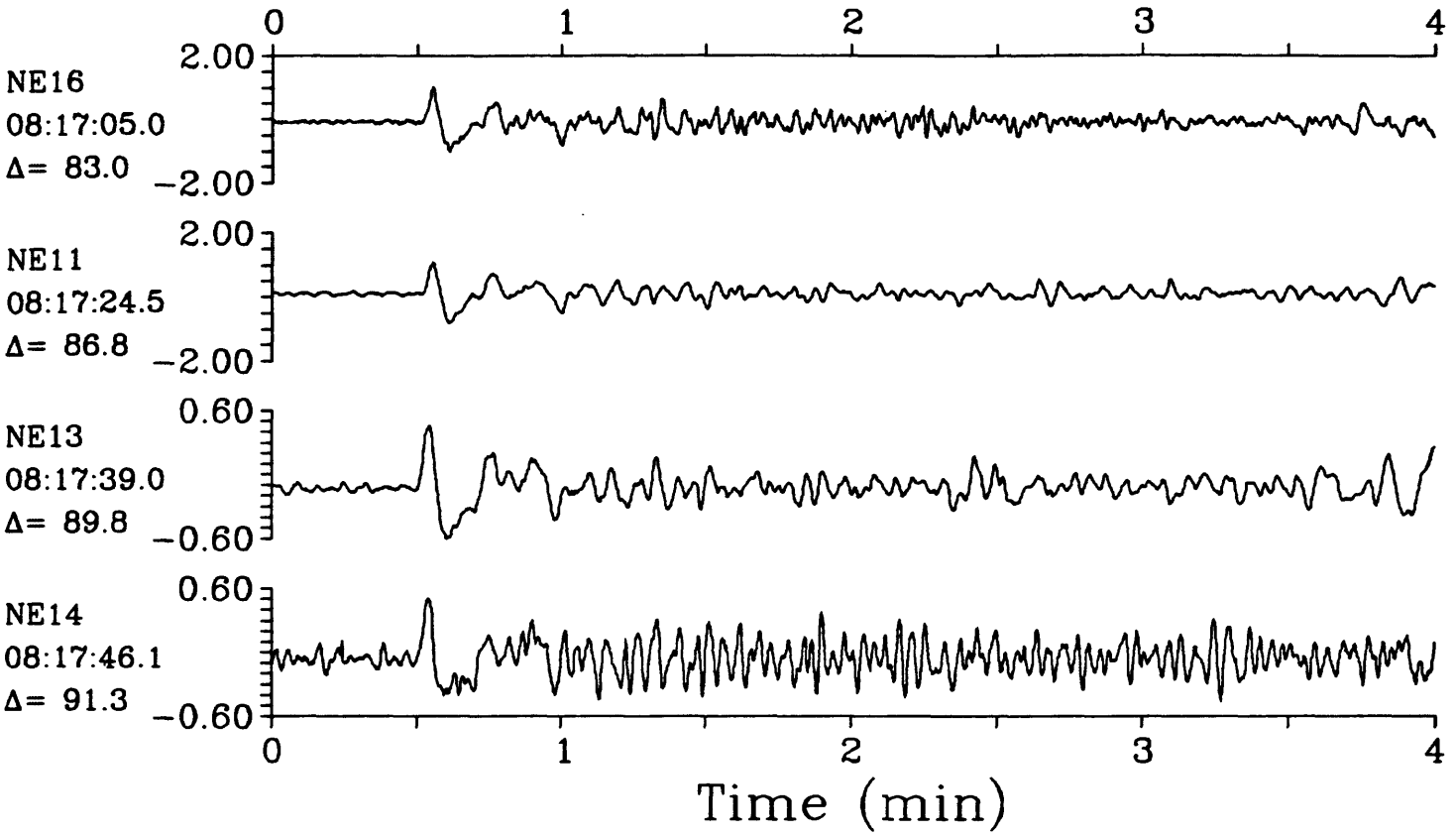

LPZ
18 June 1986 08:05:16.08
LPZ
Andreanof Islands, Aleutian Is. h=61.4 m_b=5.7 M_{SZ}=6.3
0
10
20
30
40
50
GDH
08:13:23.5
Δ= 52.5
60.0
-60.0
TATO
08:13:29.3
Δ= 53.3
30.0
-30.0
GAC
08:14:29.7
Δ= 61.9
100.0
-100.0
RSNY
08:14:38.4
Δ= 63.2
30.0
-30.0
RSCP
08:14:42.6
Δ= 63.8
40.0
-40.0
NRAO
08:15:07.8
Δ= 67.8
40.0
-40.0
KONO
08:15:15.1
Δ= 68.9
40.0
-40.0
CHTO
08:15:32.9
Δ= 71.8
14.0
-14.0
CTAO
08:16:10.2
Δ= 78.3
8.0
-8.0
GRFO
08:16:12.6
Δ= 78.8
30.0
-30.0
0
10
20
30
40
50
Time (min)
1101


LPZ
18 June 1986 08:05:16.08
LPZ
Andreanof Islands, Aleutian Is. h=61.4 m_b=5.7 M_{SZ}=6.3
0
10
20
30
40
50
ANTO
08:16:46.6
Δ= 85.2
14.0
-14.0
TOL
08:17:03.3
Δ= 88.6
20.0
-20.0
BOCO
08:17:30.0
Δ= 94.4
20.0
-20.0
TAU
08:17:51.1
Δ= 99.2
6.0
-6.0
NWAO
08:18:03.8
Δ=102.0
12.0
-12.0
ZOBO
08:18:58.0
Δ=114.3
10.0
-10.0
BCAO
08:23:05.4
Δ=122.6
7.0
-7.0
SLR
08:23:51.3
Δ=147.8
7.0
-7.0
0
10
20
30
40
50
Time (min)


IPZ
18 June 1986 08:05:16.08
IPZ
Andreanof Islands, Aleutian Is. h=61.4 m_b=5.7 M_{SZ}=6.3
0
1
2
3
4
RSNT
08:11:26.0
Δ= 34.2
0.80
-0.80
RSSD
08:13:16.1
Δ= 47.6
2.00
-2.00
RSON
08:13:29.7
Δ= 49.3
0.70
-0.70
RSNY
08:15:08.4
Δ= 63.2
0.60
-0.60
RSCP
08:15:12.6
Δ= 63.8
2.00
-2.00
NRA0
08:15:37.8
Δ= 67.8
0.50
-0.50
GRC1
08:16:40.9
Δ= 78.5
0.40
-0.40
NE06
08:16:41.7
Δ= 78.6
0.90
-0.90
GRA1
08:16:42.6
Δ= 78.8
0.50
-0.50
GRB1
08:16:44.2
Δ= 79.1
0.40
-0.40
0
1
2
3
4
Time (min)
1103

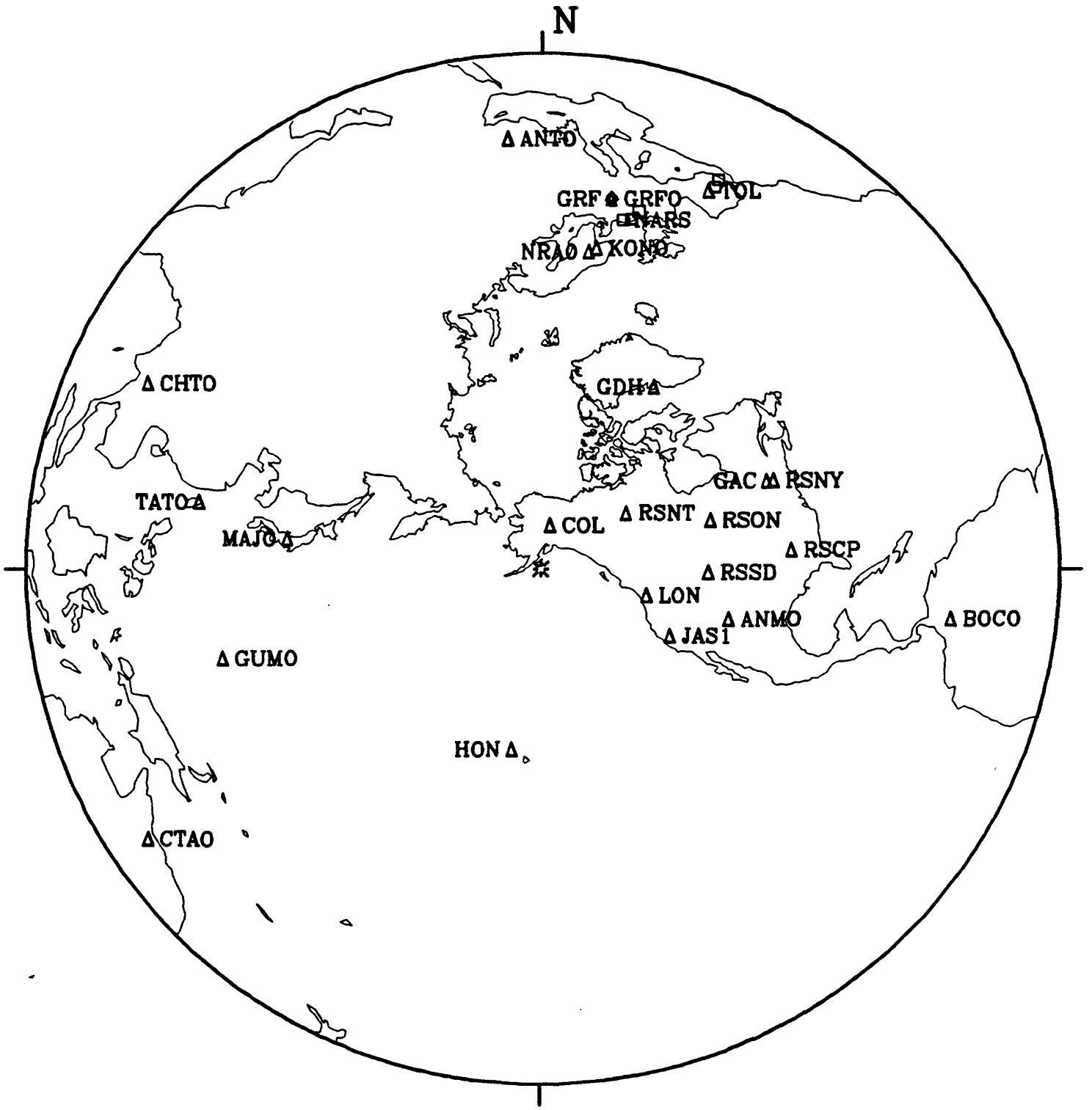
IPZ 18 June 1986 08:05:16.08 IPZ

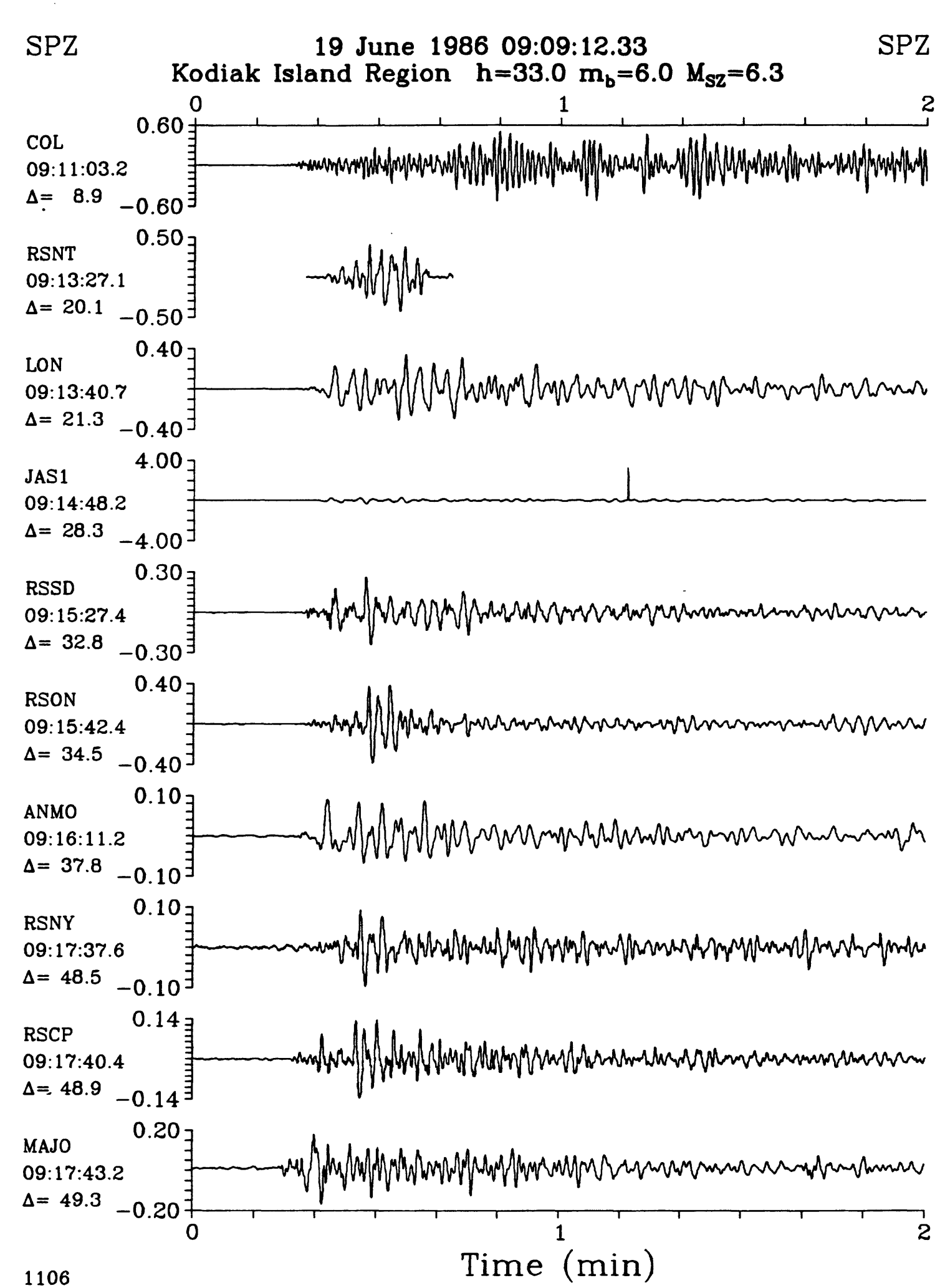
Andreanof Islands, Aleutian Is. h=61.4 m_b=5.7 M_{SZ}=6.3



19 June 1986 09:09:12.33

Kodiak Island Region



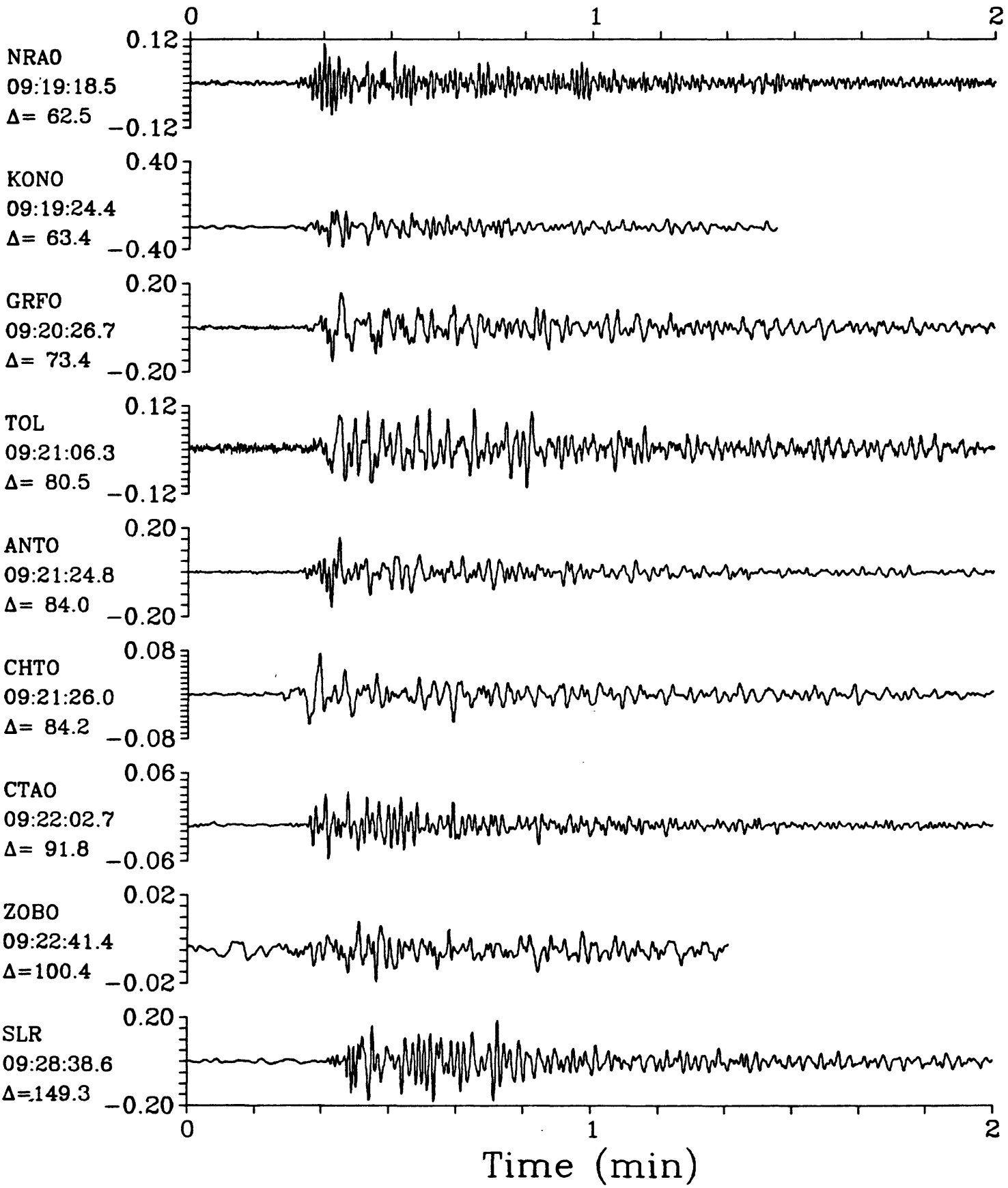

SPZ
19 June 1986 09:09:12.33
Kodiak Island Region h=33.0 m_b=6.0 M_{SZ}=6.3
SPZ
0
1
2
COL
09:11:03.2
Δ= 8.9
0.60
-0.60
RSNT
09:13:27.1
Δ= 20.1
0.50
-0.50
LON
09:13:40.7
Δ= 21.3
0.40
-0.40
JAS1
09:14:48.2
Δ= 28.3
4.00
-4.00
RSSD
09:15:27.4
Δ= 32.8
0.30
-0.30
RSON
09:15:42.4
Δ= 34.5
0.40
-0.40
ANMO
09:16:11.2
Δ= 37.8
0.10
-0.10
RSNY
09:17:37.6
Δ= 48.5
0.10
-0.10
RSCP
09:17:40.4
Δ= 48.9
0.14
-0.14
MAJO
09:17:43.2
Δ= 49.3
0.20
-0.20
0
1
2
Time (min)

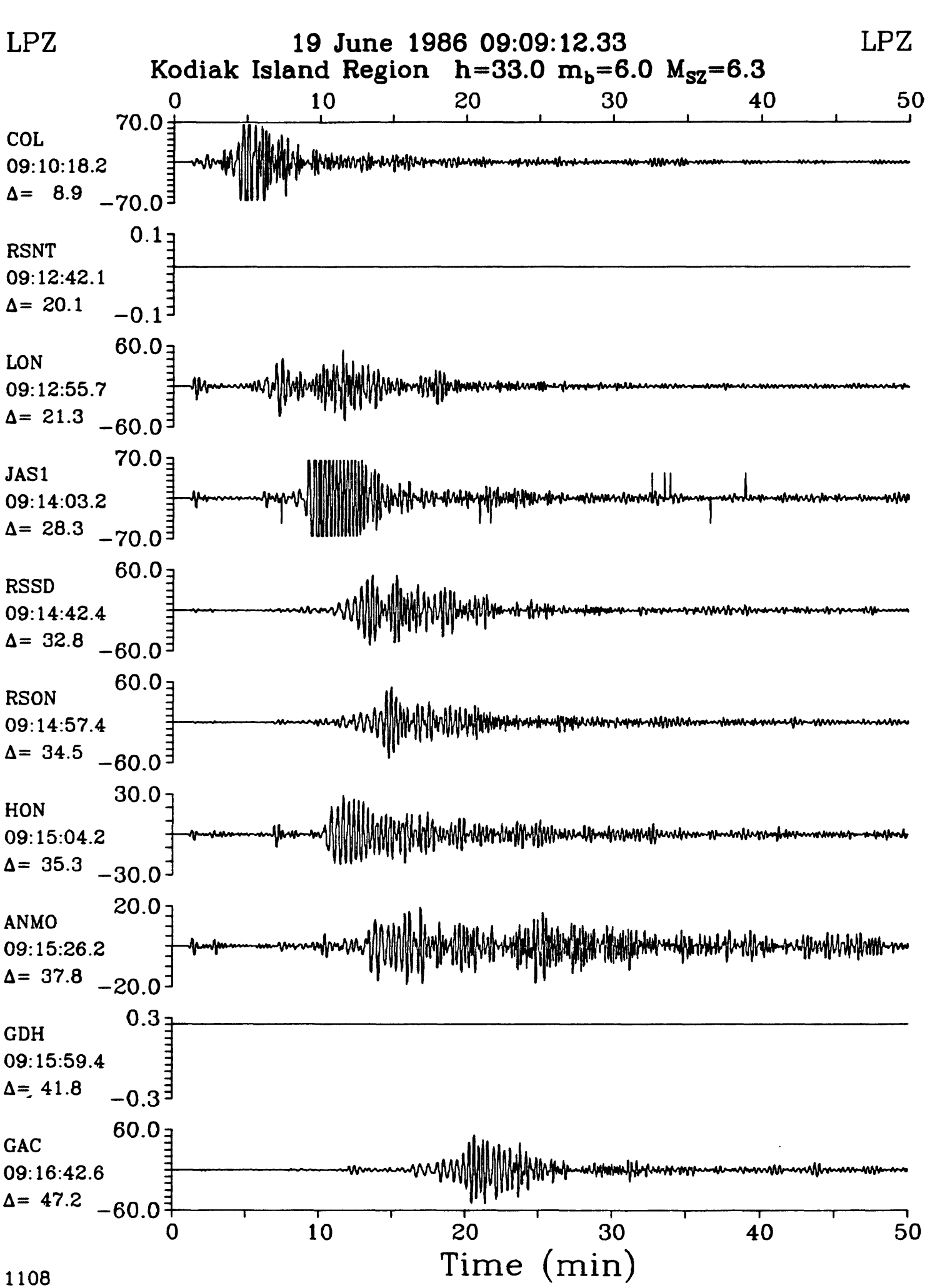
SPZ

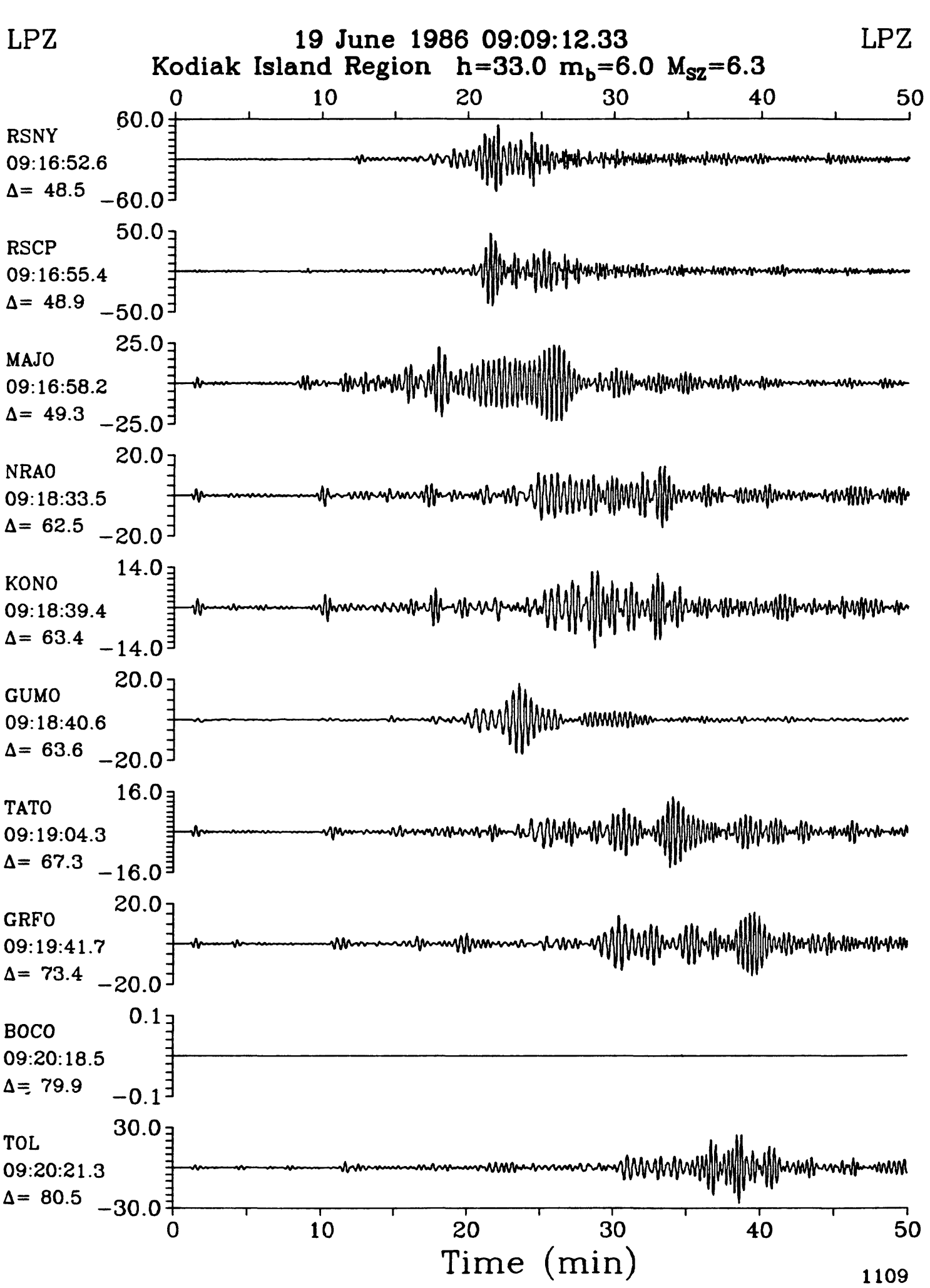
19 June 1986 09:09:12.33

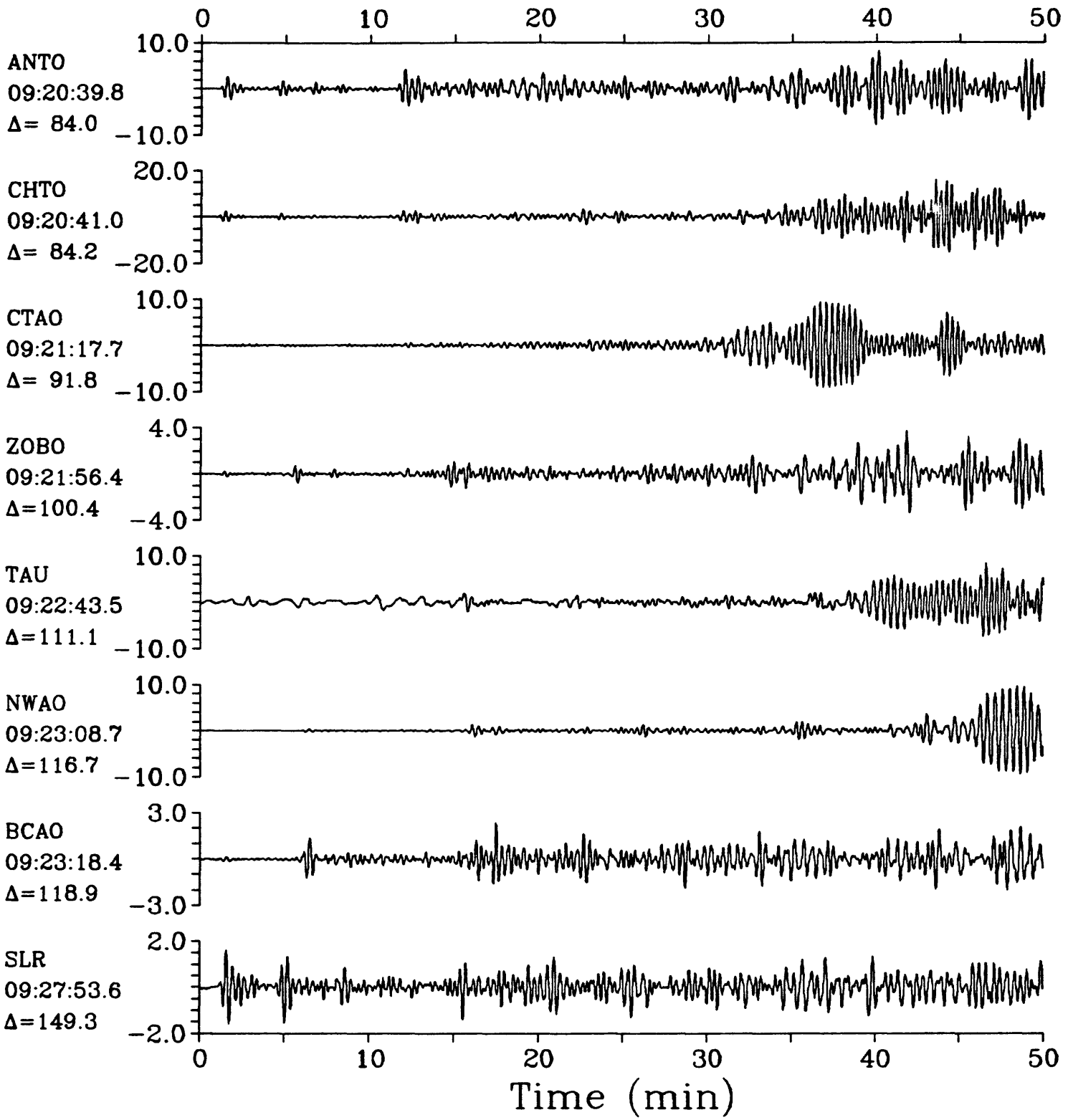
SPZ

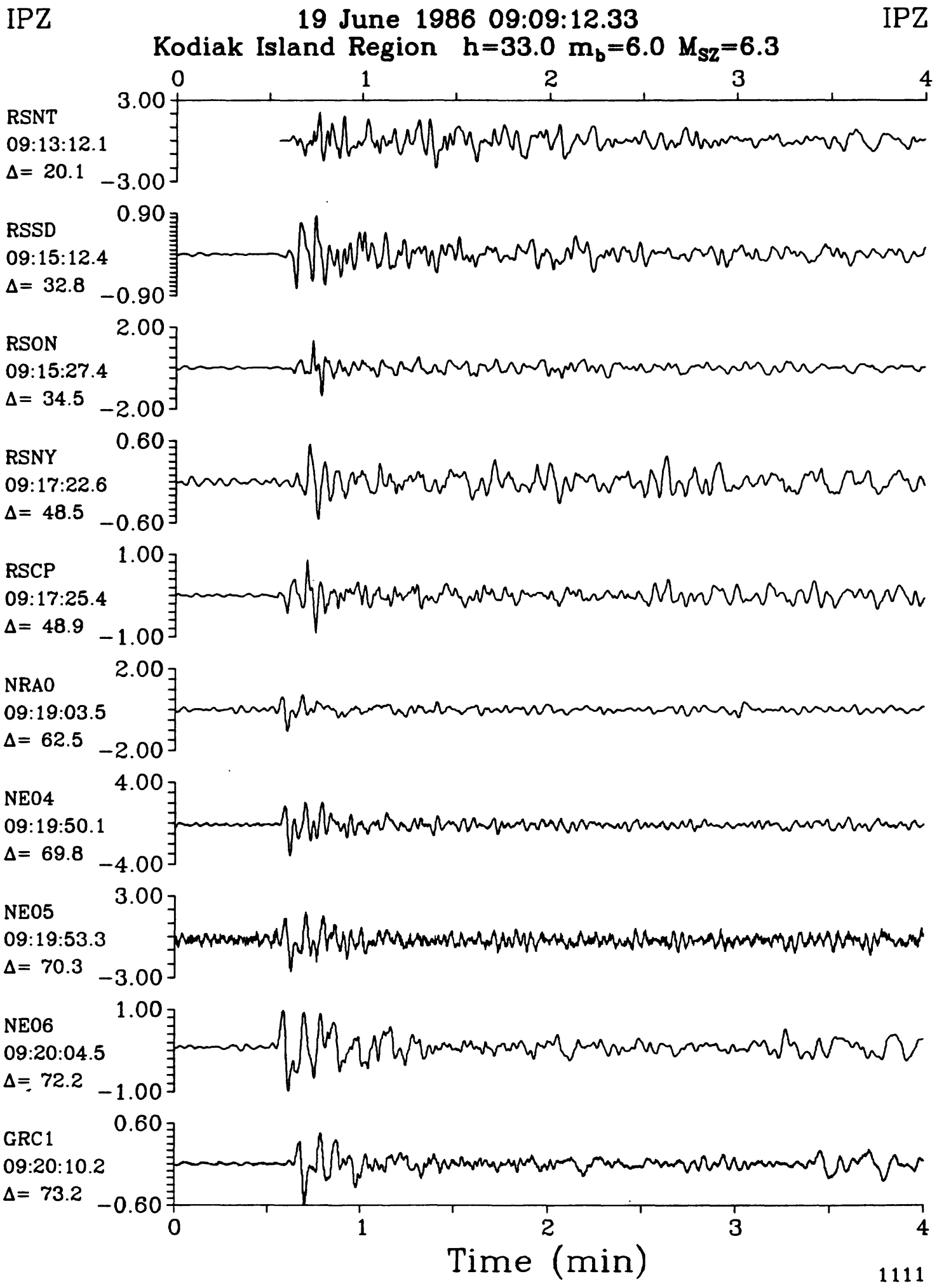
Kodiak Island Region h=33.0 m_b=6.0 M_{SZ}=6.3




LPZ
19 June 1986 09:09:12.33
LPZ
Kodiak Island Region h=33.0 m_b=6.0 M_{SZ}=6.3
0
10
20
30
40
50
COL
09:10:18.2
Δ= 8.9
70.0
-70.0
RSNT
09:12:42.1
Δ= 20.1
0.1
-0.1
LON
09:12:55.7
Δ= 21.3
60.0
-60.0
JAS1
09:14:03.2
Δ= 28.3
70.0
-70.0
RSSD
09:14:42.4
Δ= 32.8
60.0
-60.0
RSON
09:14:57.4
Δ= 34.5
60.0
-60.0
HON
09:15:04.2
Δ= 35.3
30.0
-30.0
ANMO
09:15:26.2
Δ= 37.8
20.0
-20.0
GDH
09:15:59.4
Δ= 41.8
0.3
-0.3
GAC
09:16:42.6
Δ= 47.2
60.0
-60.0
0
10
20
30
40
50
Time (min)
1108


LPZ
19 June 1986 09:09:12.33
LPZ
Kodiak Island Region h=33.0 m_b=6.0 M_{SZ}=6.3
0
10
20
30
40
50
RSNY
09:16:52.6
Δ= 48.5
60.0
-60.0
RSCP
09:16:55.4
Δ= 48.9
50.0
-50.0
MAJO
09:16:58.2
Δ= 49.3
25.0
-25.0
NRAO
09:18:33.5
Δ= 62.5
20.0
-20.0
KONO
09:18:39.4
Δ= 63.4
14.0
-14.0
GUMO
09:18:40.6
Δ= 63.6
20.0
-20.0
TATO
09:19:04.3
Δ= 67.3
16.0
-16.0
GRFO
09:19:41.7
Δ= 73.4
20.0
-20.0
BOCO
09:20:18.5
Δ= 79.9
0.1
-0.1
TOL
09:20:21.3
Δ= 80.5
30.0
-30.0
0
10
20
30
40
50
Time (min)
1109


LPZ
19 June 1986 09:09:12.33
LPZ
Kodiak Island Region h=33.0 m_b=6.0 M_{SZ}=6.3
0
10
20
30
40
50
ANTO
09:20:39.8
Δ= 84.0
10.0
-10.0
CHTO
09:20:41.0
Δ= 84.2
20.0
-20.0
CTAO
09:21:17.7
Δ= 91.8
10.0
-10.0
ZOBO
09:21:56.4
Δ=100.4
4.0
-4.0
TAU
09:22:43.5
Δ=111.1
10.0
-10.0
NWAO
09:23:08.7
Δ=116.7
10.0
-10.0
BCAO
09:23:18.4
Δ=118.9
3.0
-3.0
SLR
09:27:53.6
Δ=149.3
2.0
-2.0
0
10
20
30
40
50
Time (min)

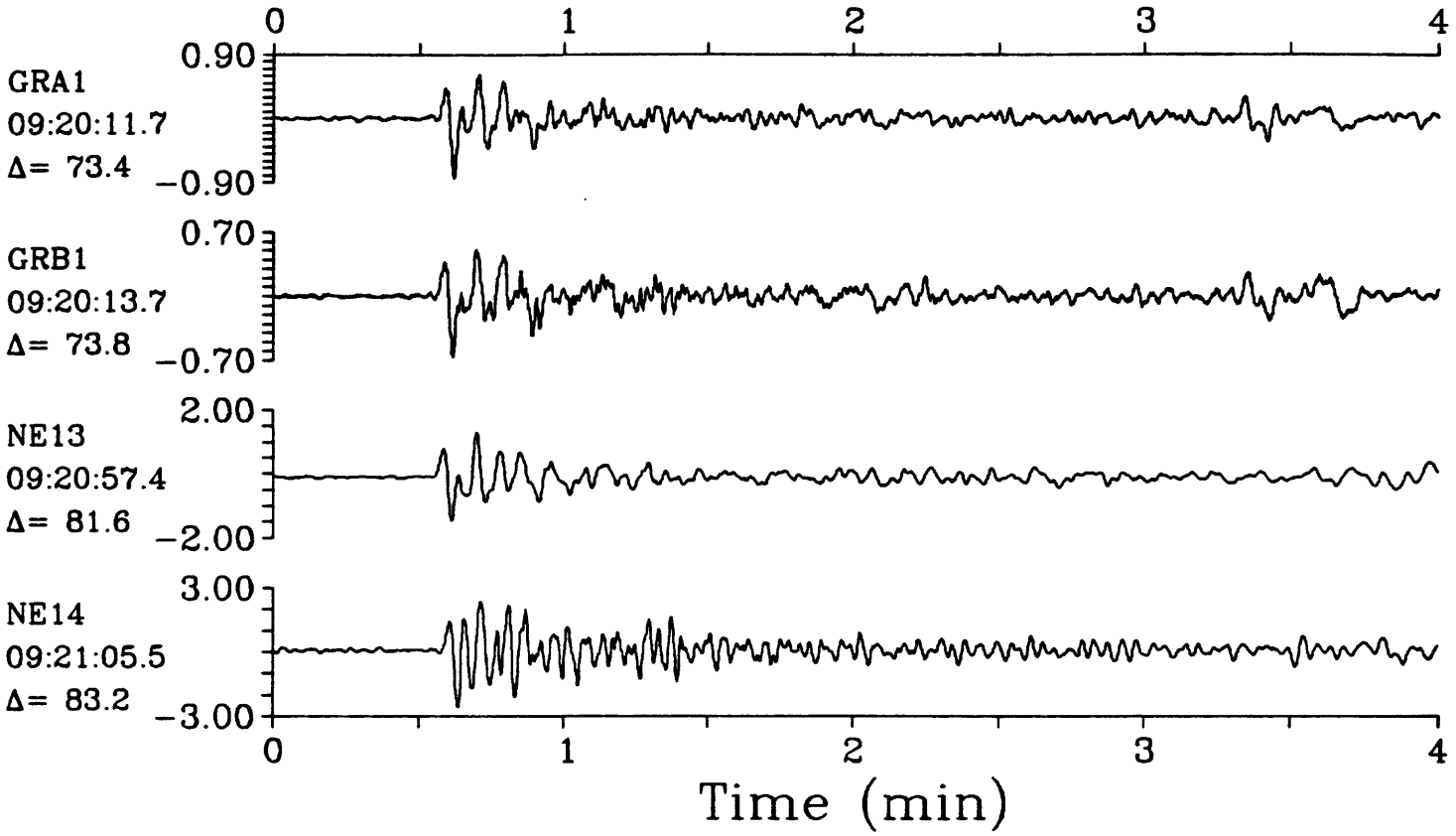

IPZ
19 June 1986 09:09:12.33
IPZ
Kodiak Island Region h=33.0 m_b=6.0 M_{SZ}=6.3
0
1
2
3
4
RSNT
09:13:12.1
Δ= 20.1
3.00
-3.00
RSSD
09:15:12.4
Δ= 32.8
0.90
-0.90
RSON
09:15:27.4
Δ= 34.5
2.00
-2.00
RSNY
09:17:22.6
Δ= 48.5
0.60
-0.60
RSCP
09:17:25.4
Δ= 48.9
1.00
-1.00
NRA0
09:19:03.5
Δ= 62.5
2.00
-2.00
NE04
09:19:50.1
Δ= 69.8
4.00
-4.00
NE05
09:19:53.3
Δ= 70.3
3.00
-3.00
NE06
09:20:04.5
Δ= 72.2
1.00
-1.00
GRC1
09:20:10.2
Δ= 73.2
0.60
-0.60
0
1
2
3
4
Time (min)
1111

IPZ

19 June 1986 09:09:12.33

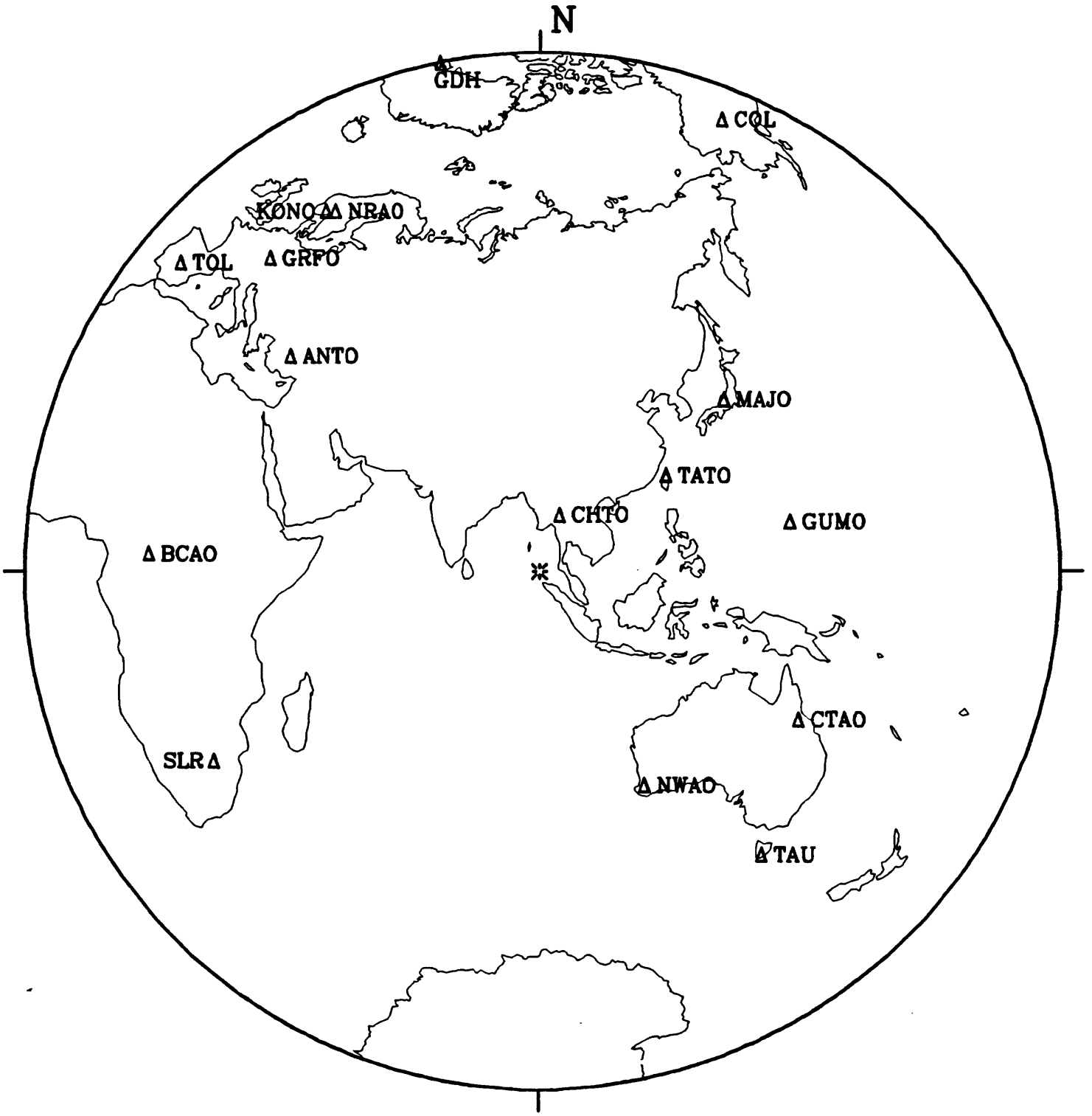
IPZ

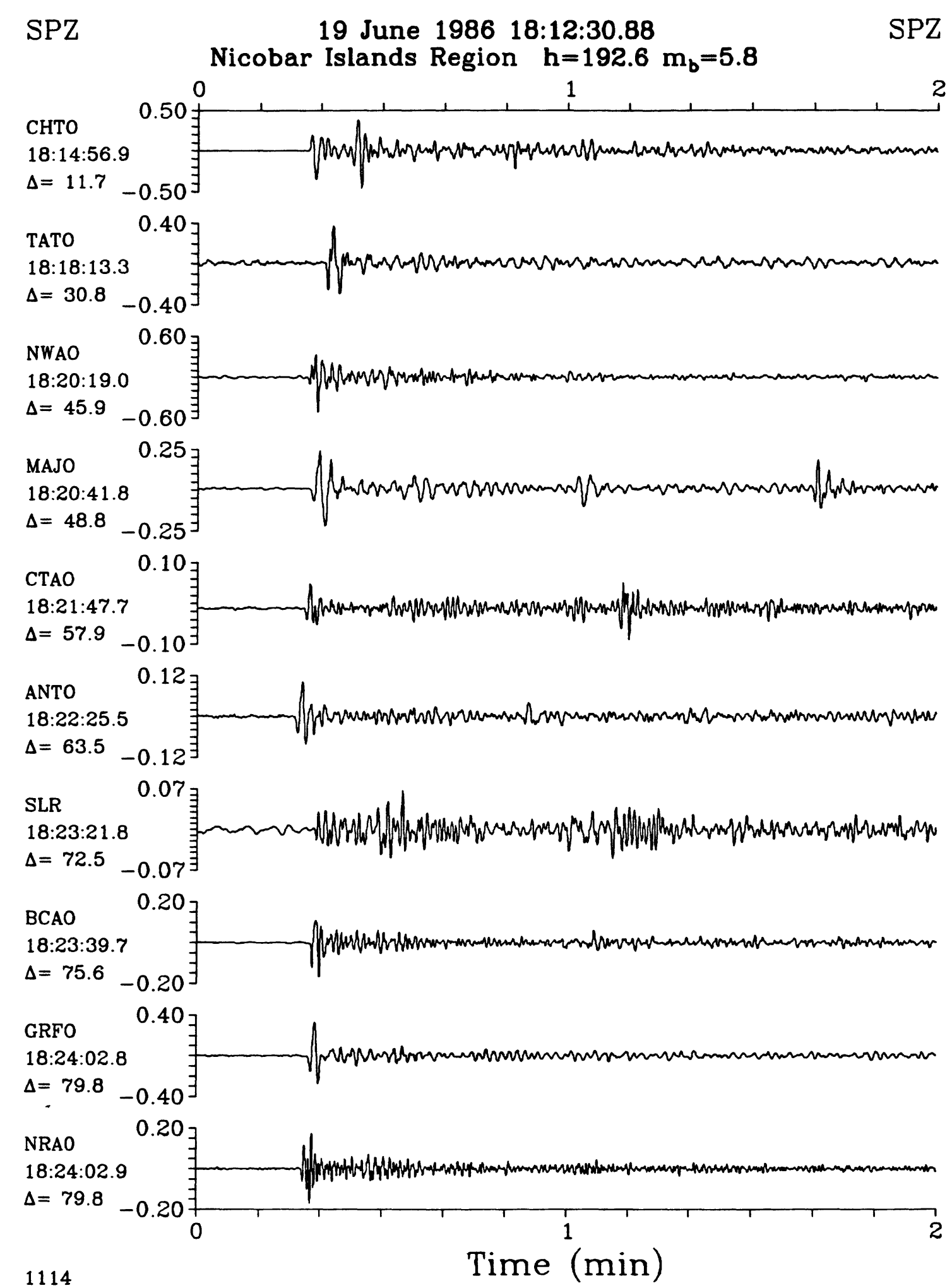
Kodiak Island Region h=33.0 m_b=6.0 M_{SZ}=6.3



19 June 1986 18:12:30.88

Nicobar Islands Region



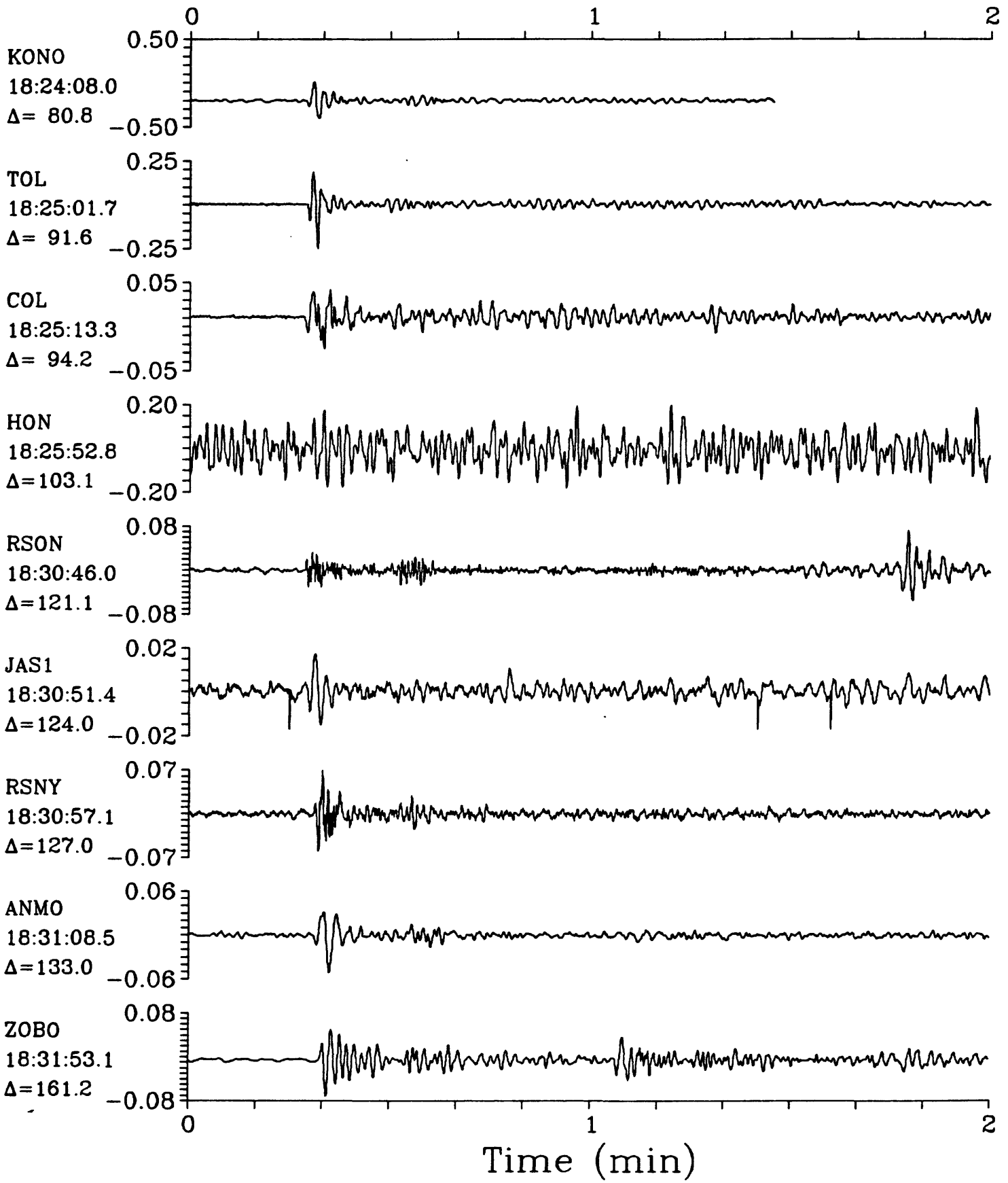

SPZ
19 June 1986 18:12:30.88
Nicobar Islands Region h=192.6 m_b=5.8
SPZ
0
1
2
0.50
CHTO
18:14:56.9
Δ= 11.7
−0.50
0.40
TATO
18:18:13.3
Δ= 30.8
−0.40
0.60
NWAO
18:20:19.0
Δ= 45.9
−0.60
0.25
MAJO
18:20:41.8
Δ= 48.8
−0.25
0.10
CTAO
18:21:47.7
Δ= 57.9
−0.10
0.12
ANTO
18:22:25.5
Δ= 63.5
−0.12
0.07
SLR
18:23:21.8
Δ= 72.5
−0.07
0.20
BCAO
18:23:39.7
Δ= 75.6
−0.20
0.40
GRFO
18:24:02.8
Δ= 79.8
−0.40
0.20
NRAO
18:24:02.9
Δ= 79.8
−0.20
0
1
2
Time (min)
1114

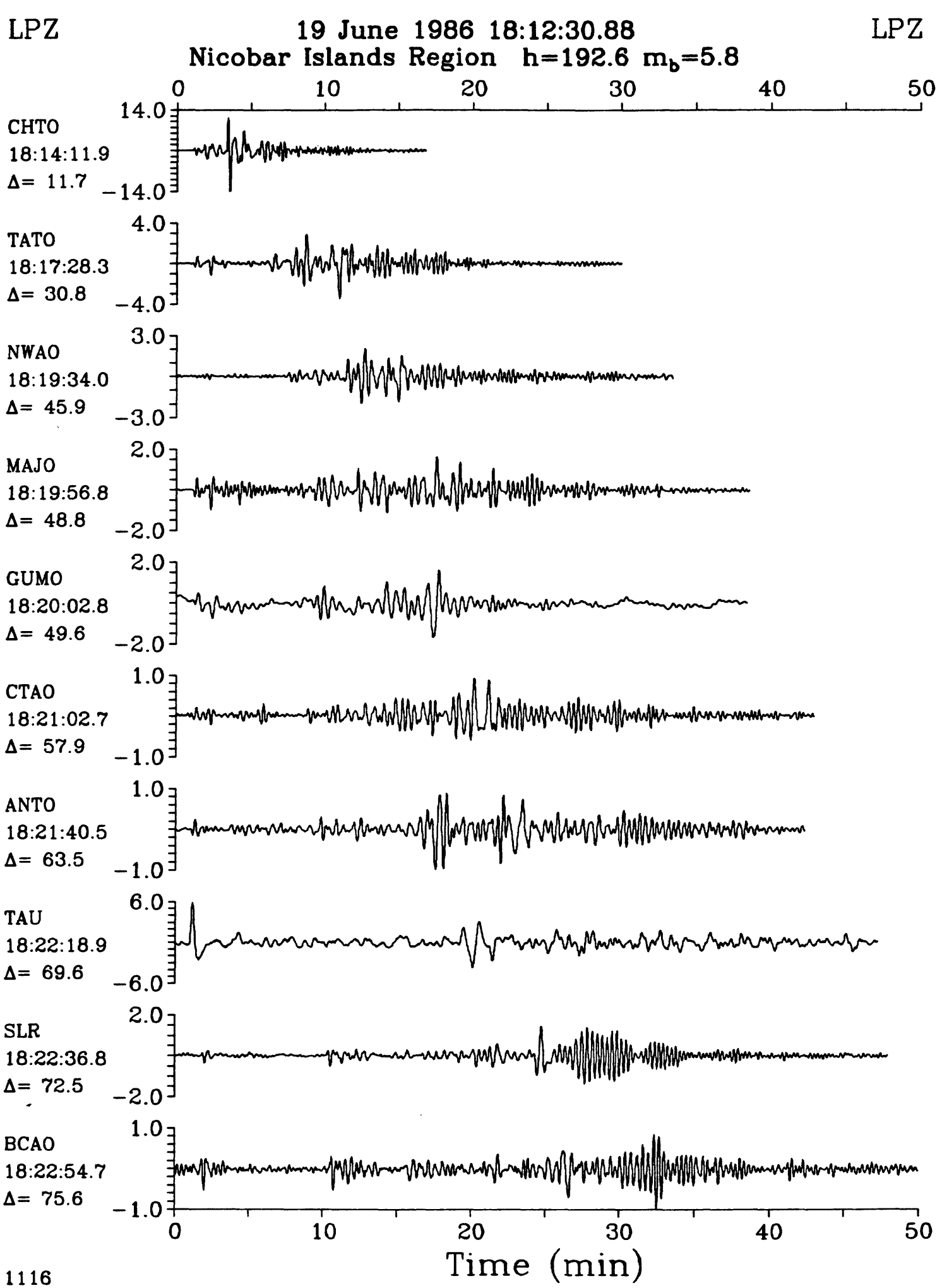
SPZ

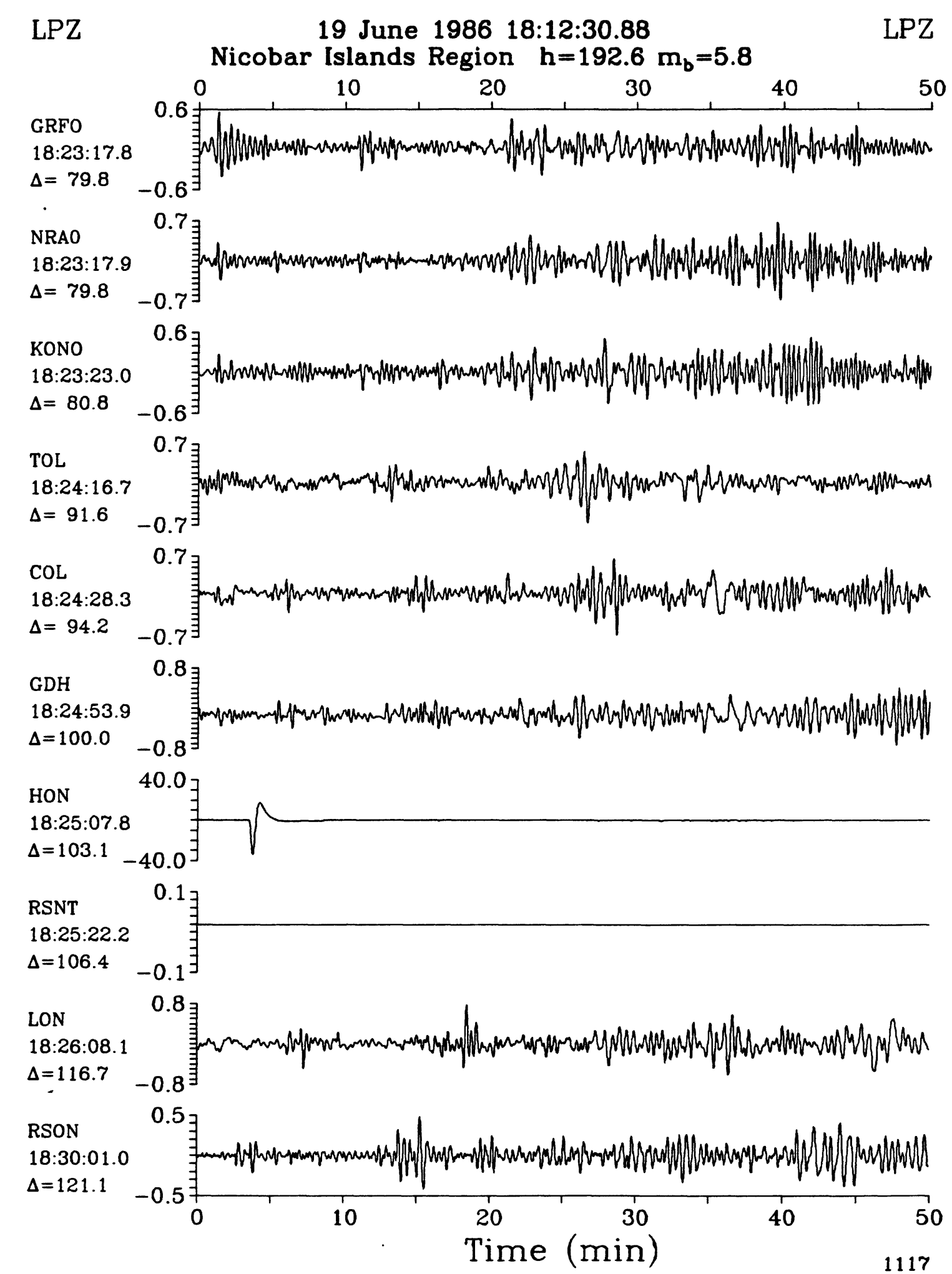
19 June 1986 18:12:30.88

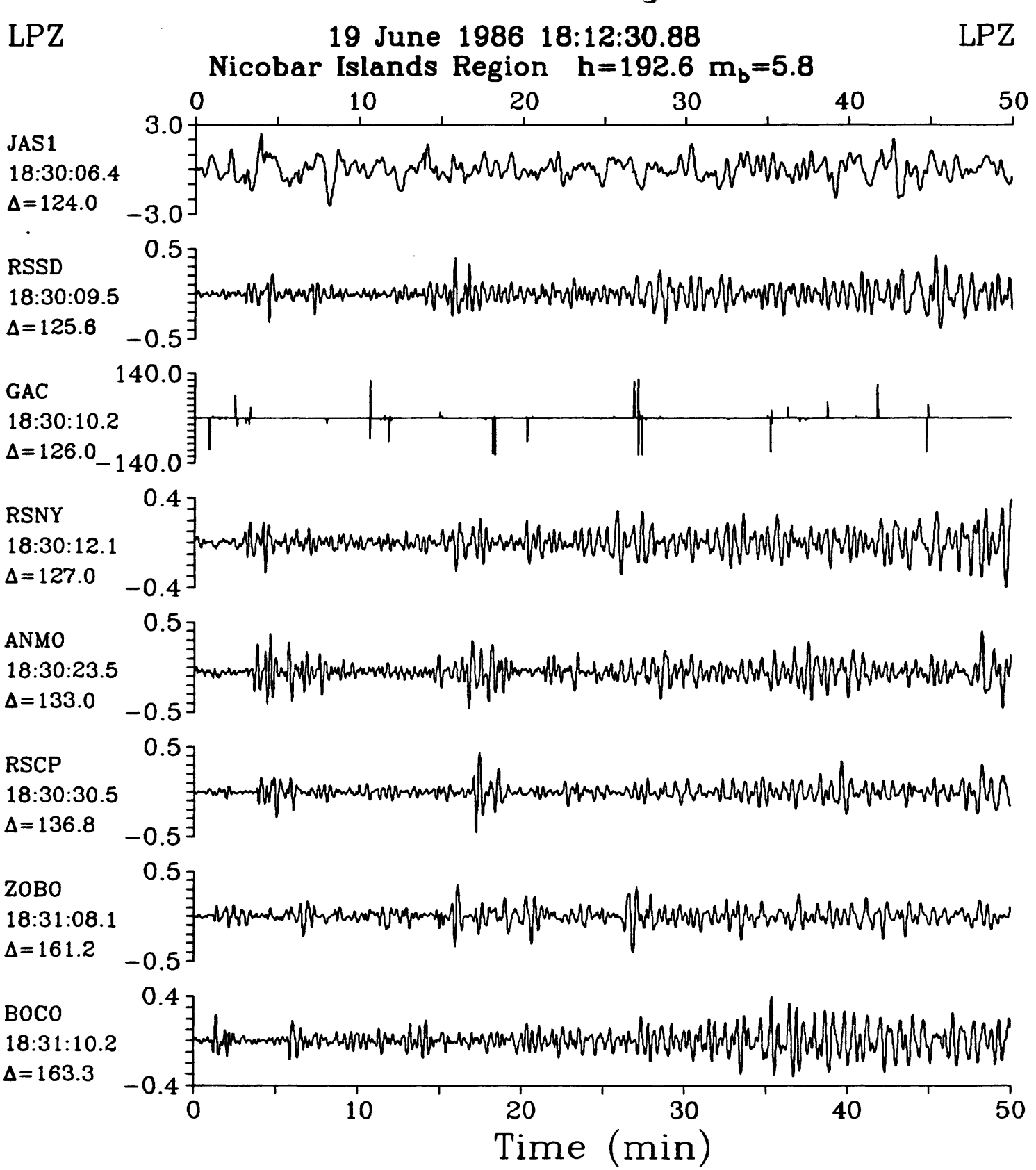
Nicobar Islands Region h=192.6 m_b=5.8

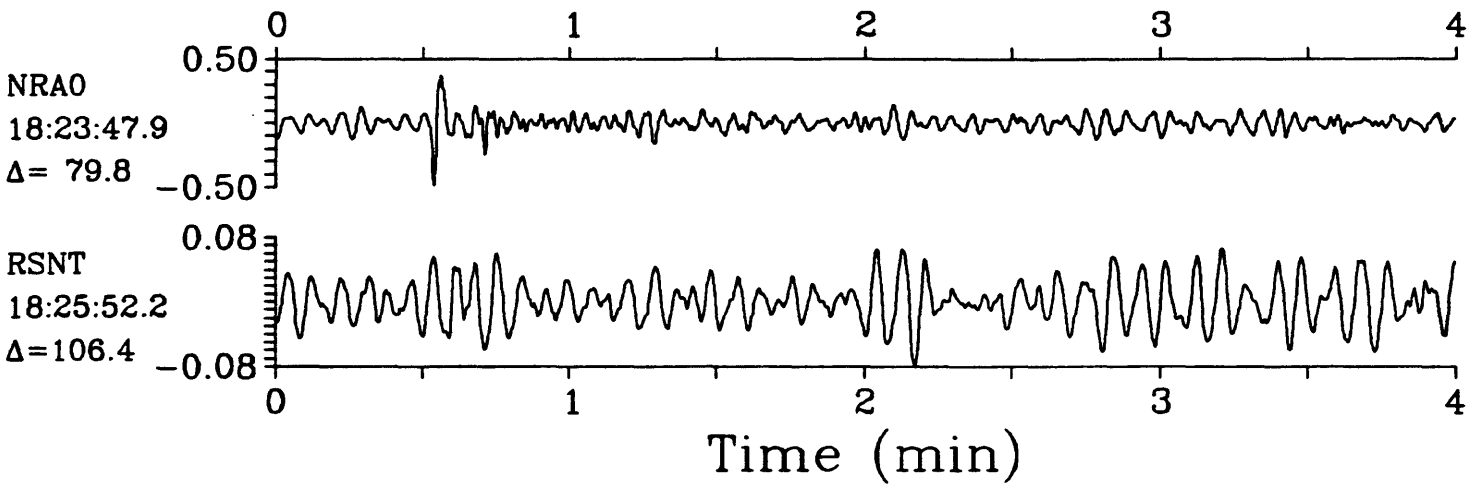
SPZ




LPZ
19 June 1986 18:12:30.88
Nicobar Islands Region h=192.6 m_b=5.8
LPZ
0
10
20
30
40
50
CHTO
18:14:11.9
Δ= 11.7
14.0
-14.0
TATO
18:17:28.3
Δ= 30.8
4.0
-4.0
NWAO
18:19:34.0
Δ= 45.9
3.0
-3.0
MAJO
18:19:56.8
Δ= 48.8
2.0
-2.0
GUMO
18:20:02.8
Δ= 49.6
2.0
-2.0
CTAO
18:21:02.7
Δ= 57.9
1.0
-1.0
ANTO
18:21:40.5
Δ= 63.5
1.0
-1.0
TAU
18:22:18.9
Δ= 69.6
6.0
-6.0
SLR
18:22:36.8
Δ= 72.5
2.0
-2.0
BCAO
18:22:54.7
Δ= 75.6
1.0
-1.0
0
10
20
30
40
50
Time (min)

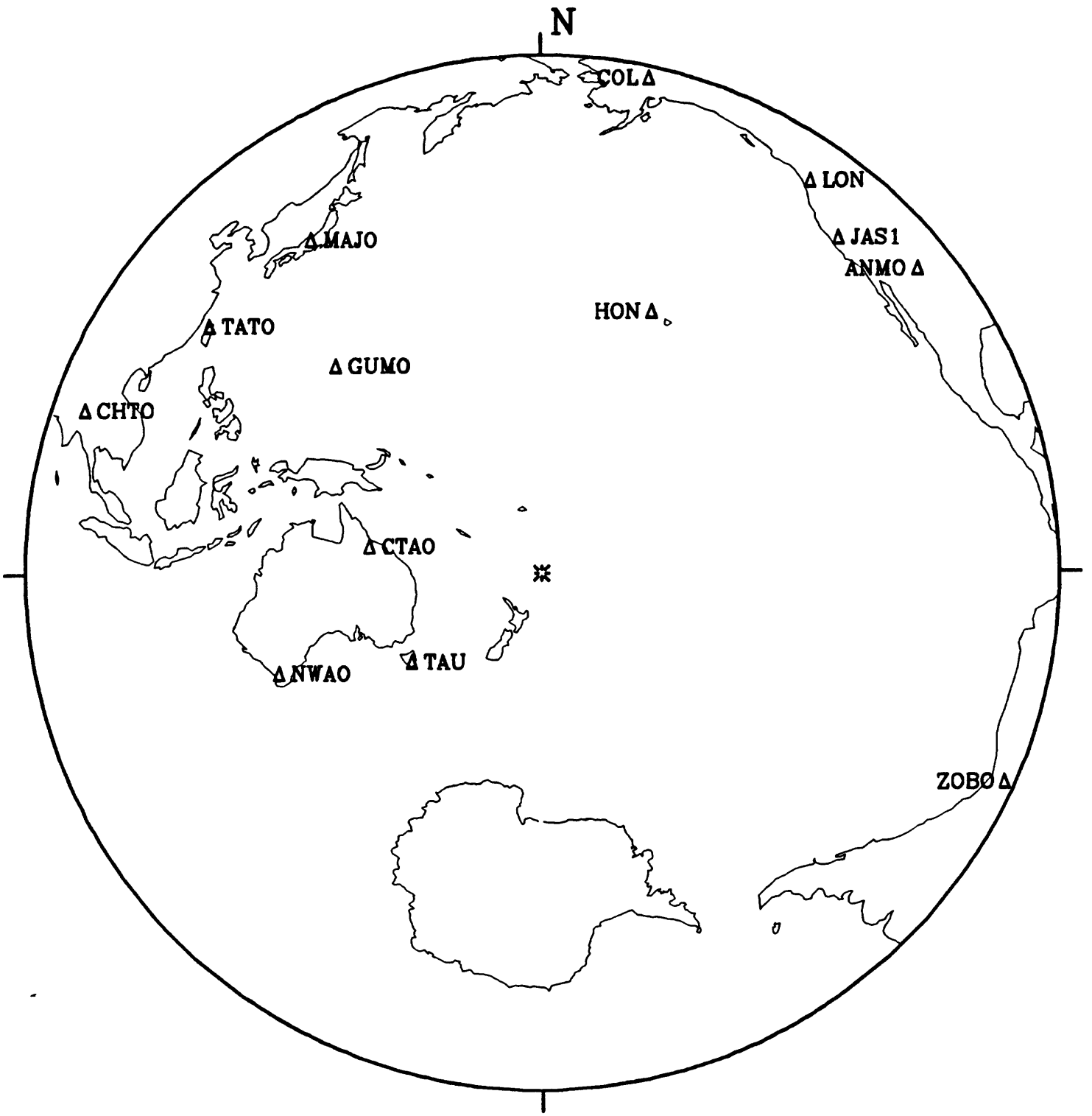

LPZ
19 June 1986 18:12:30.88
Nicobar Islands Region h=192.6 m_b=5.8
LPZ
0
10
20
30
40
50
GRFO
18:23:17.8
Δ= 79.8
0.6
-0.6
NRAO
18:23:17.9
Δ= 79.8
0.7
-0.7
KONO
18:23:23.0
Δ= 80.8
0.6
-0.6
TOL
18:24:16.7
Δ= 91.6
0.7
-0.7
COL
18:24:28.3
Δ= 94.2
0.7
-0.7
GDH
18:24:53.9
Δ=100.0
0.8
-0.8
HON
18:25:07.8
Δ=103.1
40.0
-40.0
RSNT
18:25:22.2
Δ=106.4
0.1
-0.1
LON
18:26:08.1
Δ=116.7
0.8
-0.8
RSON
18:30:01.0
Δ=121.1
0.5
-0.5
0
10
20
30
40
50
Time (min)
1117

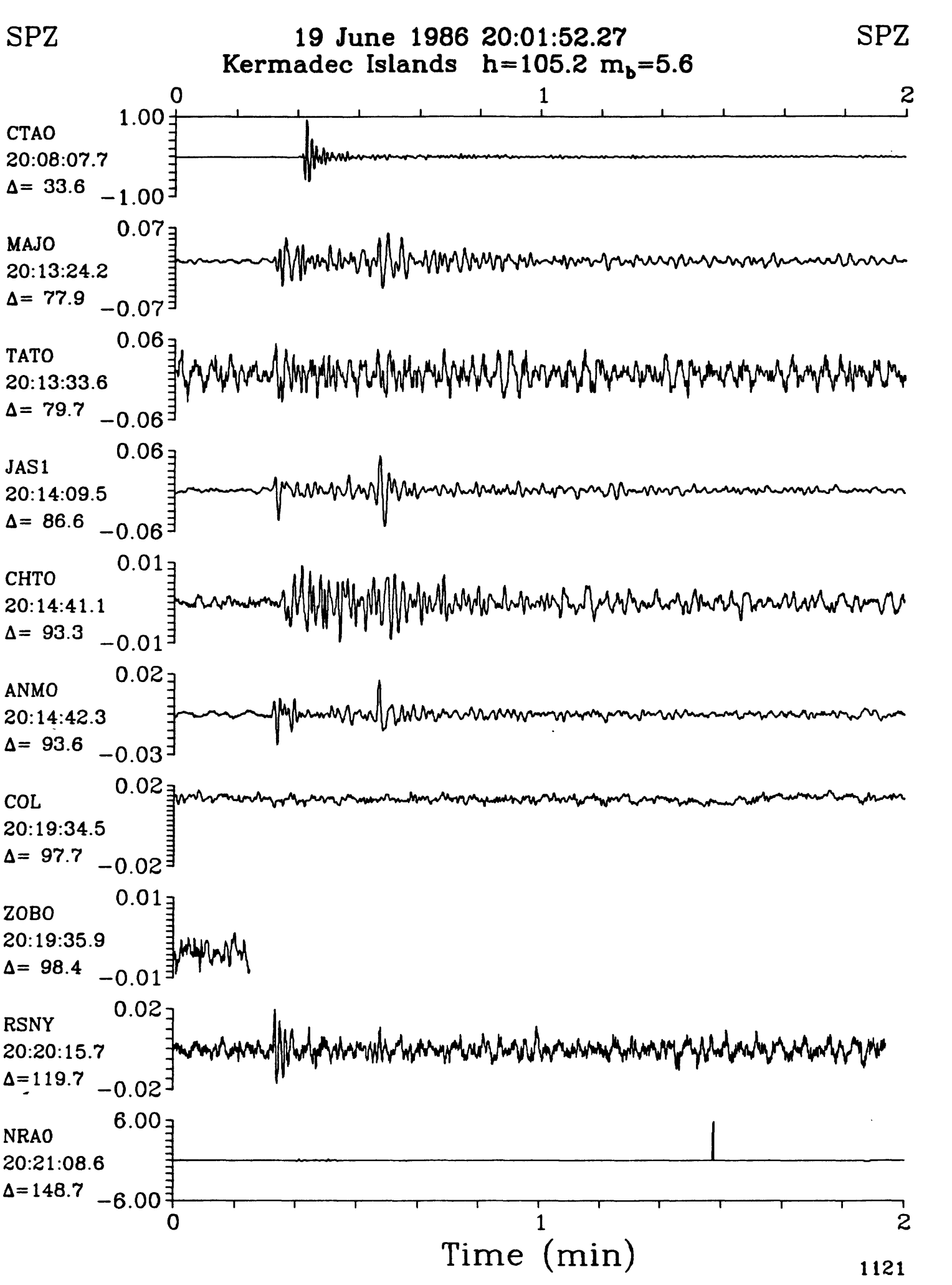

LPZ
19 June 1986 18:12:30.88
LPZ
Nicobar Islands Region h=192.6 m_b=5.8
0
10
20
30
40
50
JAS1
18:30:06.4
Δ=124.0
3.0
-3.0
RSSD
18:30:09.5
Δ=125.6
0.5
-0.5
GAC
18:30:10.2
Δ=126.0
140.0
-140.0
RSNY
18:30:12.1
Δ=127.0
0.4
-0.4
ANMO
18:30:23.5
Δ=133.0
0.5
-0.5
RSCP
18:30:30.5
Δ=136.8
0.5
-0.5
ZOBO
18:31:08.1
Δ=161.2
0.5
-0.5
BOCO
18:31:10.2
Δ=163.3
0.4
-0.4
0
10
20
30
40
50
Time (min)


19 June 1986 18:12:30.88
Nicobar Islands Region h=192.6 m_b=5.8
NRA0
18:23:47.9
Δ= 79.8
RSNT
18:25:52.2
Δ=106.4
0.50
−0.50
0.08
−0.08
0
1
2
3
4
Time (min)

19 June 1986 20:01:52.27

Kermadec Islands

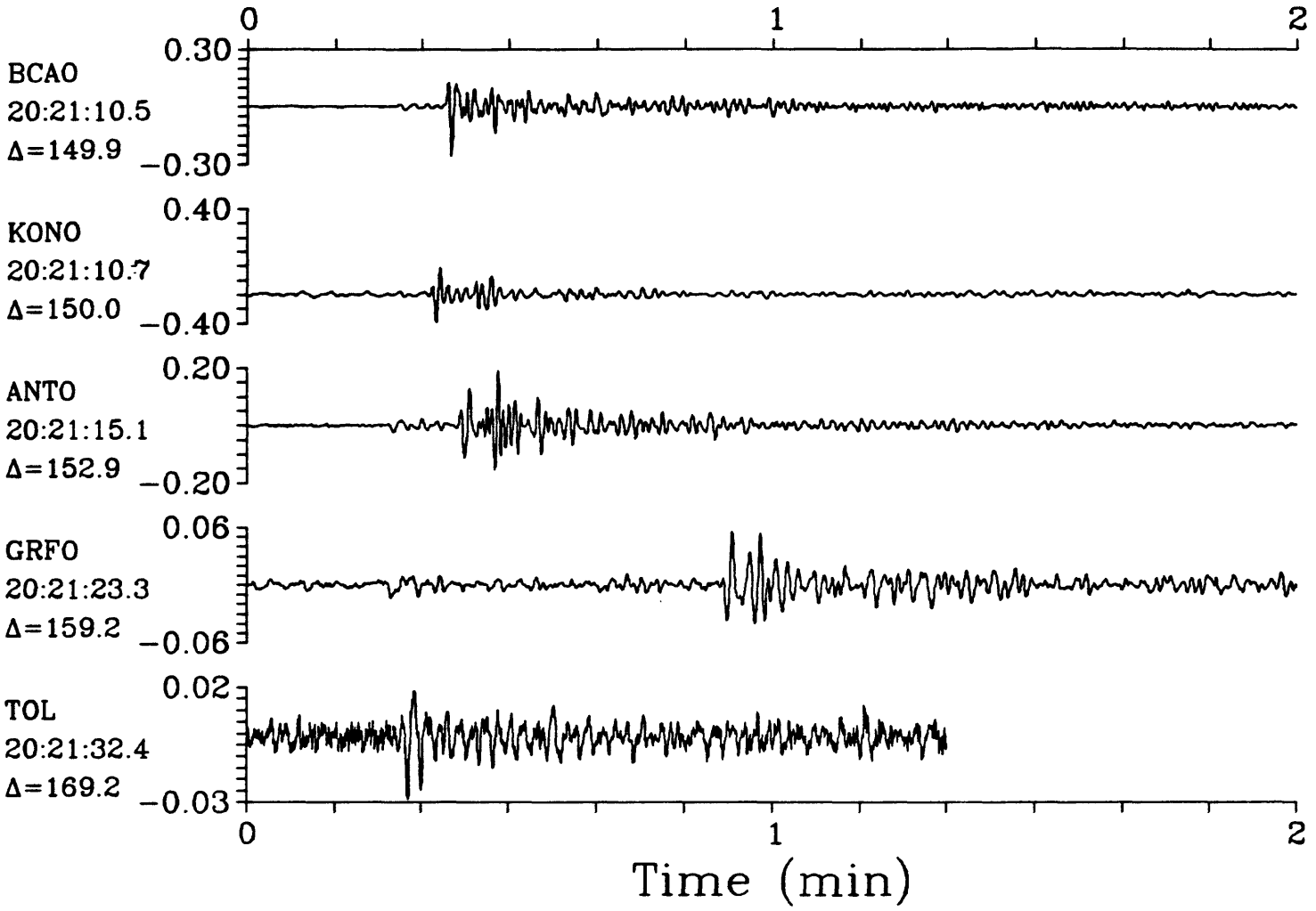


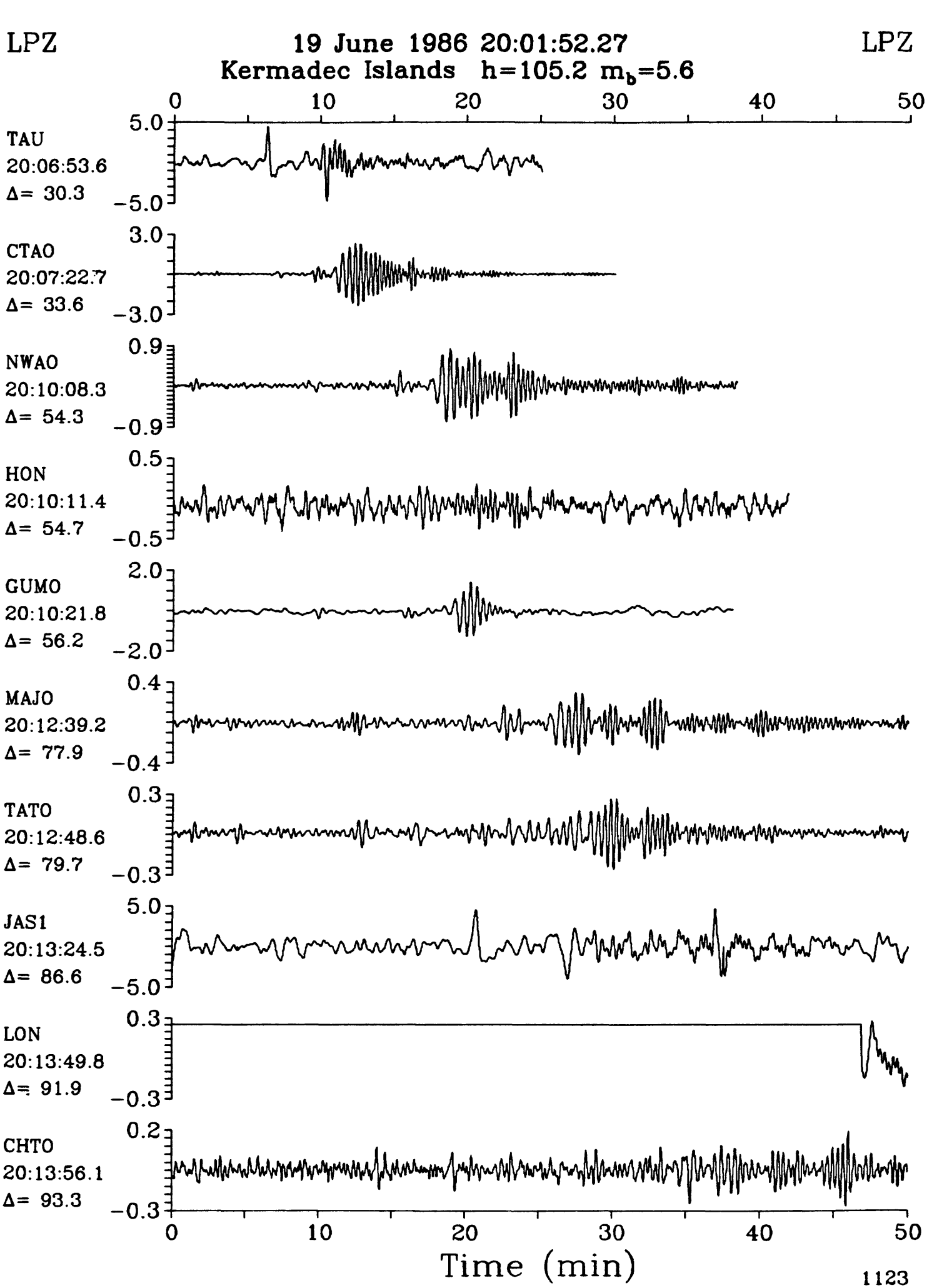

SPZ
19 June 1986 20:01:52.27
Kermadec Islands h=105.2 m_b=5.6
SPZ
0
1
2
1.00
CTAO
20:08:07.7
Δ= 33.6
-1.00
0.07
MAJO
20:13:24.2
Δ= 77.9
-0.07
0.06
TATO
20:13:33.6
Δ= 79.7
-0.06
0.06
JAS1
20:14:09.5
Δ= 86.6
-0.06
0.01
CHTO
20:14:41.1
Δ= 93.3
-0.01
0.02
ANMO
20:14:42.3
Δ= 93.6
-0.03
0.02
COL
20:19:34.5
Δ= 97.7
-0.02
0.01
ZOBO
20:19:35.9
Δ= 98.4
-0.01
0.02
RSNY
20:20:15.7
Δ=119.7
-0.02
6.00
NRAO
20:21:08.6
Δ=148.7
-6.00
0
1
2
Time (min)
1121

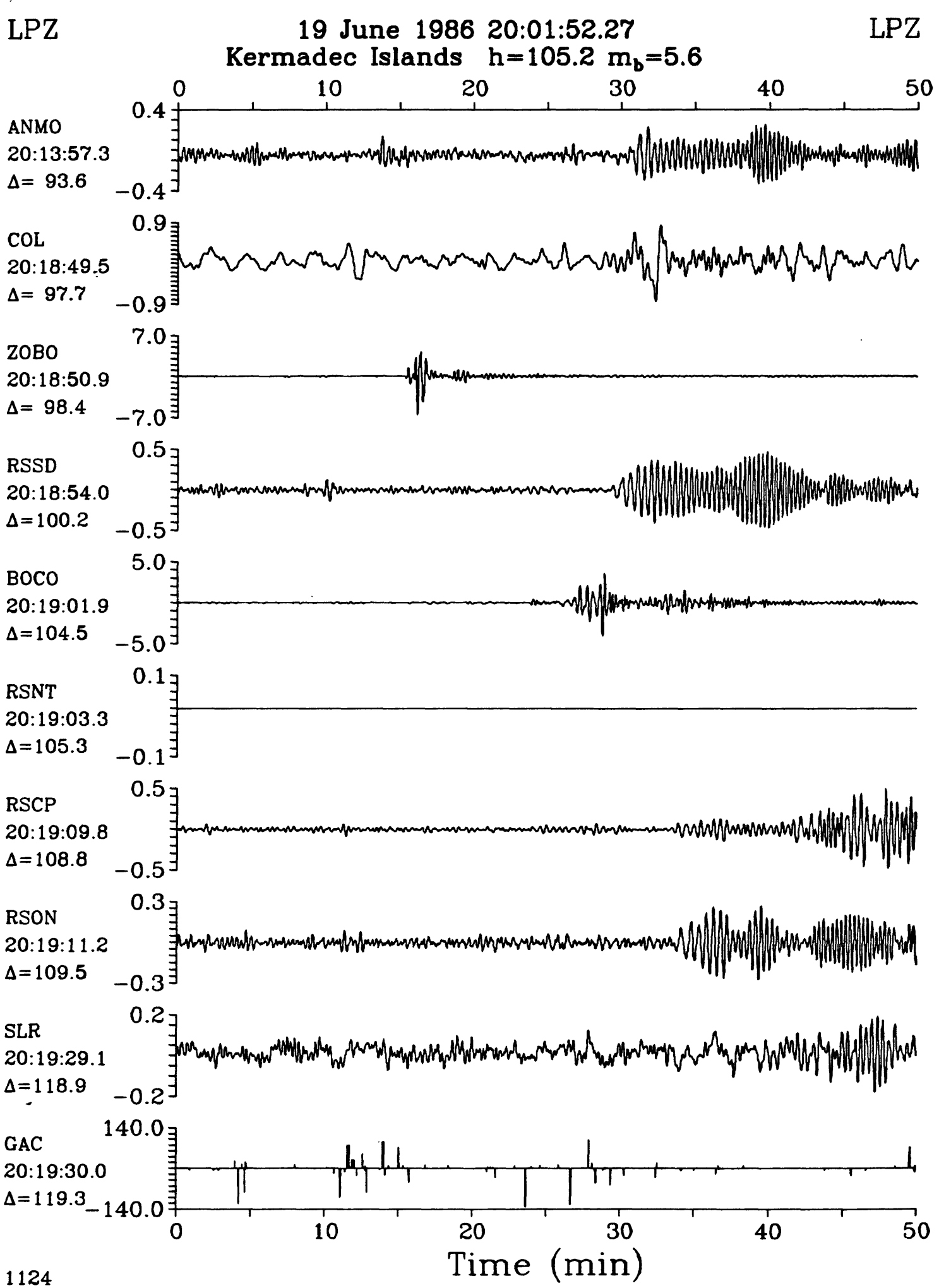
SPZ

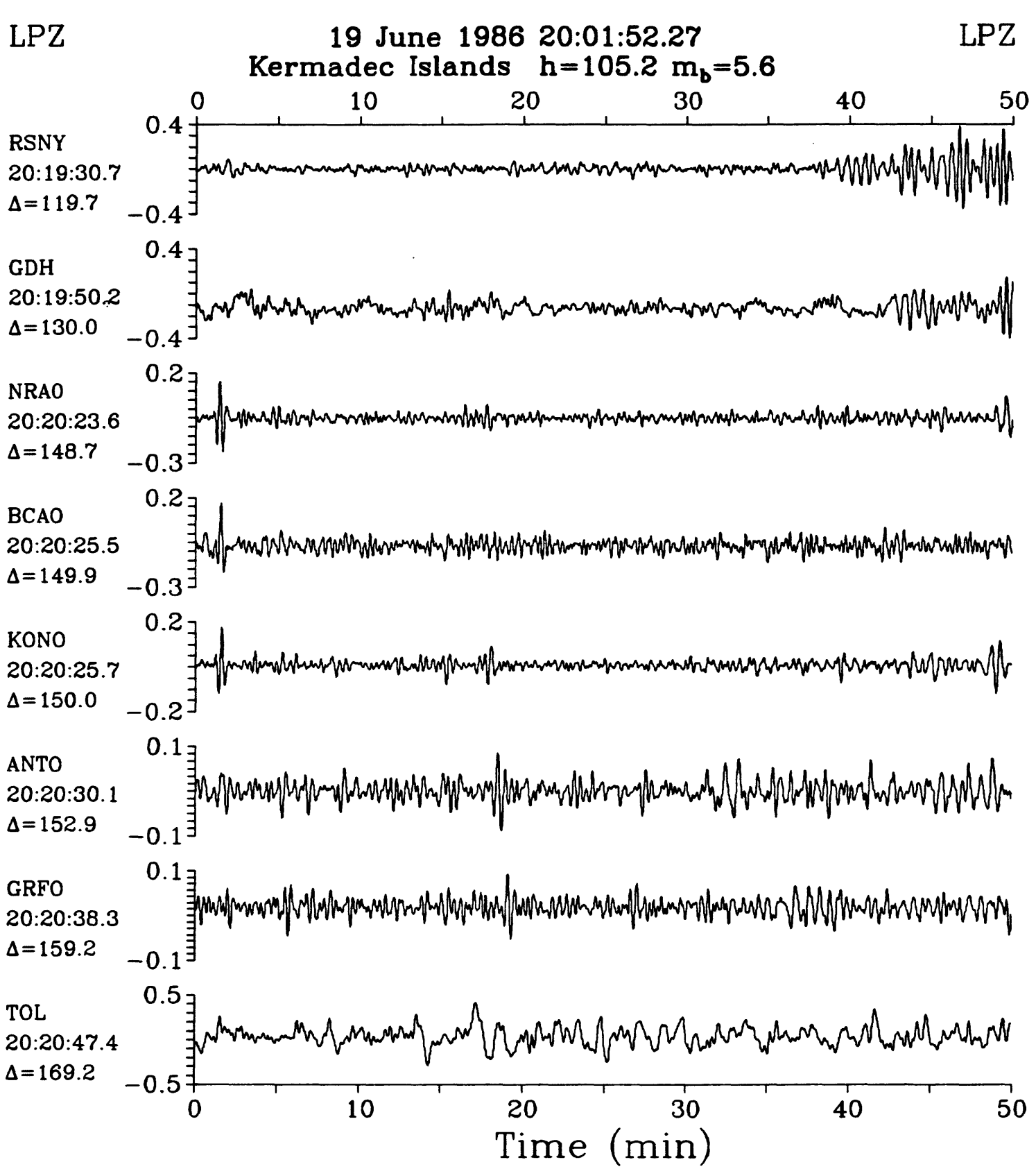
19 June 1986 20:01:52.27
Kermadec Islands h=105.2 m_b=5.6

SPZ



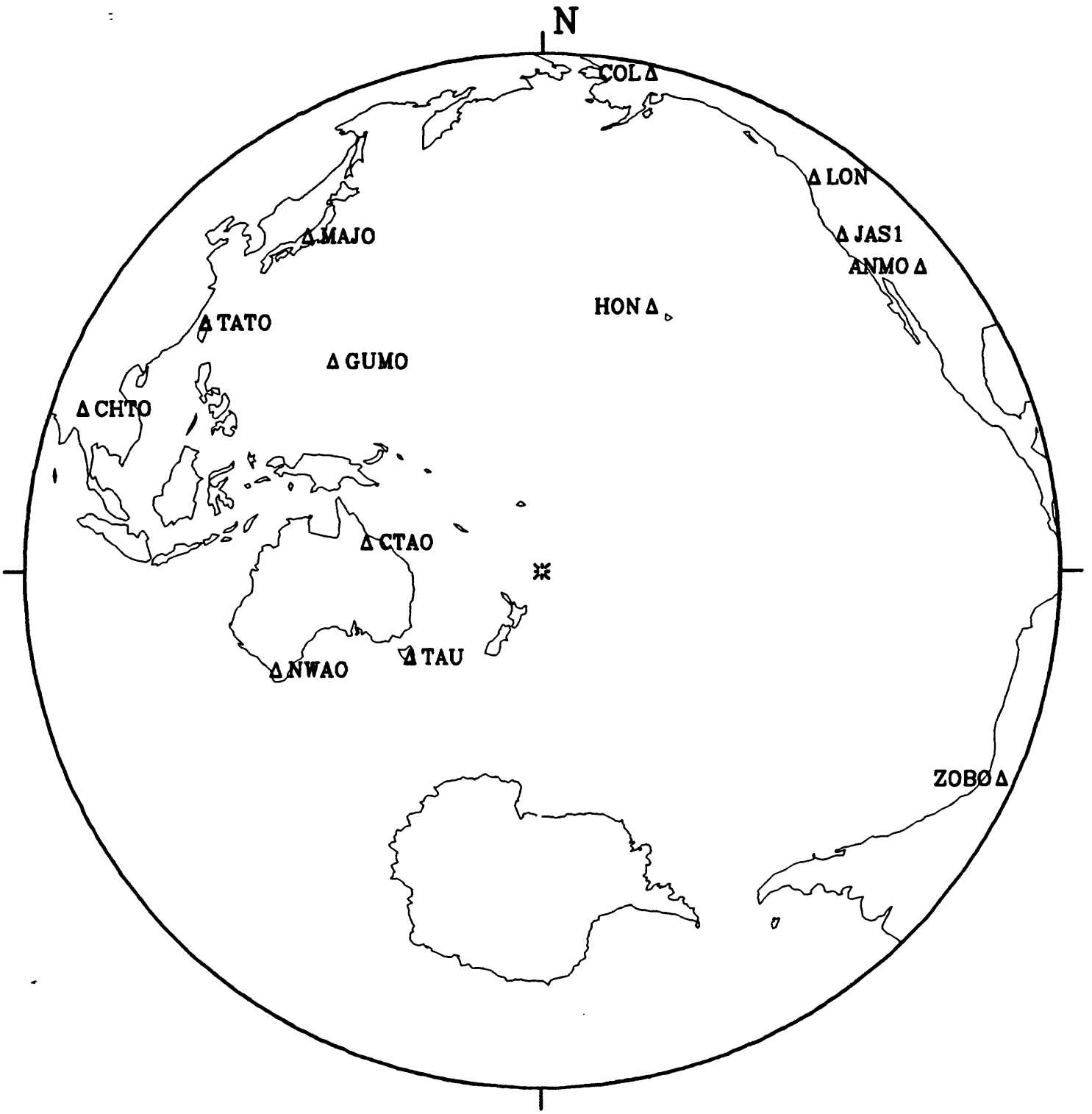

LPZ
19 June 1986 20:01:52.27
Kermadec Islands h=105.2 m_b=5.6
LPZ
0
10
20
30
40
50
TAU
20:06:53.6
Δ= 30.3
5.0
-5.0
CTAO
20:07:22.7
Δ= 33.6
3.0
-3.0
NWAO
20:10:08.3
Δ= 54.3
0.9
-0.9
HON
20:10:11.4
Δ= 54.7
0.5
-0.5
GUMO
20:10:21.8
Δ= 56.2
2.0
-2.0
MAJO
20:12:39.2
Δ= 77.9
0.4
-0.4
TATO
20:12:48.6
Δ= 79.7
0.3
-0.3
JAS1
20:13:24.5
Δ= 86.6
5.0
-5.0
LON
20:13:49.8
Δ= 91.9
0.3
-0.3
CHTO
20:13:56.1
Δ= 93.3
0.2
-0.3
0
10
20
30
40
50
Time (min)
1123

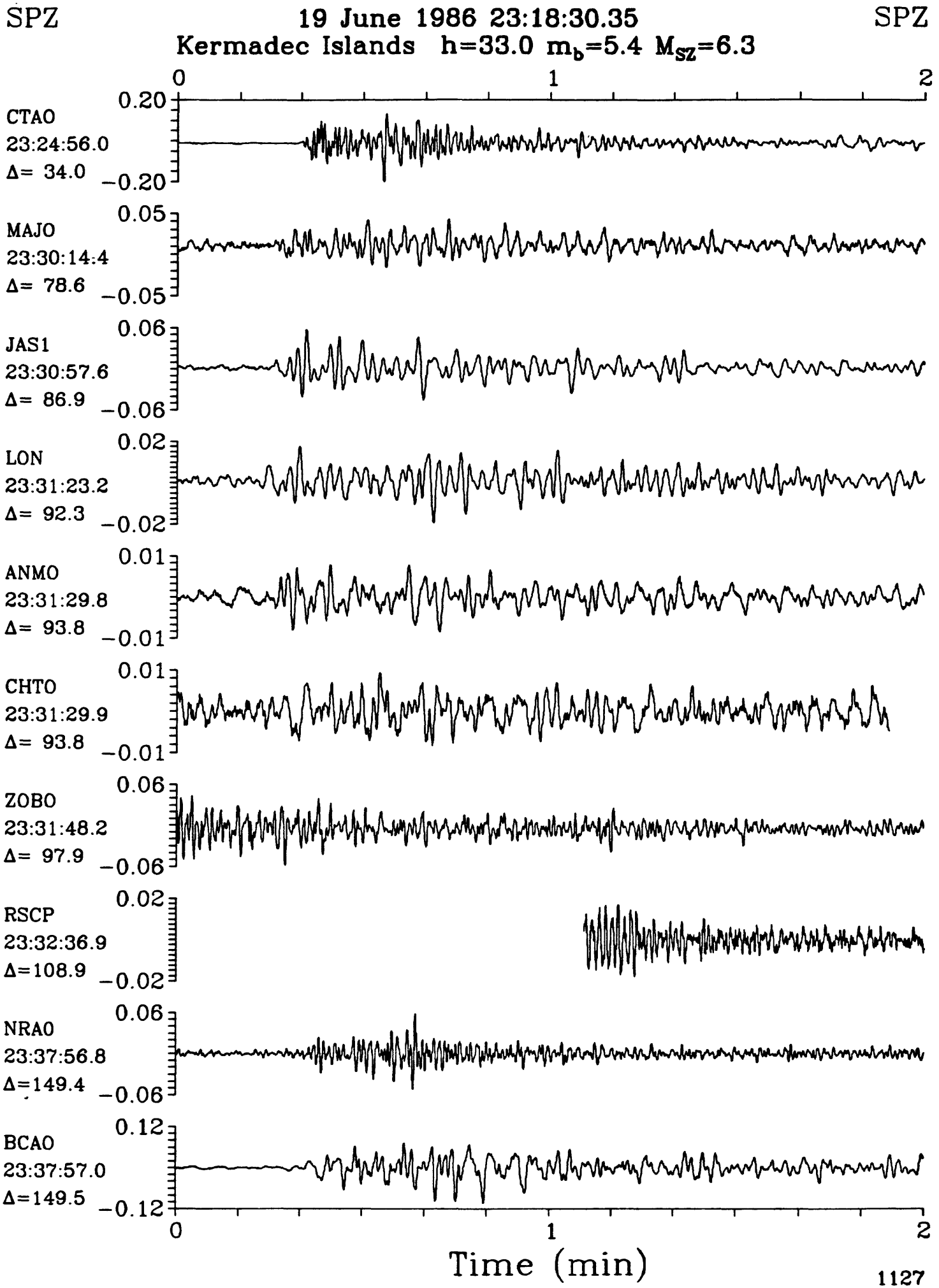

LPZ
19 June 1986 20:01:52.27
Kermadec Islands h=105.2 m_b=5.6
LPZ
0
10
20
30
40
50
ANMO
20:13:57.3
Δ= 93.6
0.4
-0.4
COL
20:18:49.5
Δ= 97.7
0.9
-0.9
ZOBO
20:18:50.9
Δ= 98.4
7.0
-7.0
RSSD
20:18:54.0
Δ=100.2
0.5
-0.5
BOCO
20:19:01.9
Δ=104.5
5.0
-5.0
RSNT
20:19:03.3
Δ=105.3
0.1
-0.1
RSCP
20:19:09.8
Δ=108.8
0.5
-0.5
RSON
20:19:11.2
Δ=109.5
0.3
-0.3
SLR
20:19:29.1
Δ=118.9
0.2
-0.2
GAC
20:19:30.0
Δ=119.3
140.0
-140.0
0
10
20
30
40
50
Time (min)
1124


LPZ
19 June 1986 20:01:52.27
Kermadec Islands h=105.2 m_b=5.6
LPZ
0
10
20
30
40
50
RSNY
20:19:30.7
Δ=119.7
0.4
−0.4
GDH
20:19:50.2
Δ=130.0
0.4
−0.4
NRAO
20:20:23.6
Δ=148.7
0.2
−0.3
BCAO
20:20:25.5
Δ=149.9
0.2
−0.3
KONO
20:20:25.7
Δ=150.0
0.2
−0.2
ANTO
20:20:30.1
Δ=152.9
0.1
−0.1
GRFO
20:20:38.3
Δ=159.2
0.1
−0.1
TOL
20:20:47.4
Δ=169.2
0.5
−0.5
0
10
20
30
40
50
Time (min)

19 June 1986 23:18:30.35

Kermadec Islands



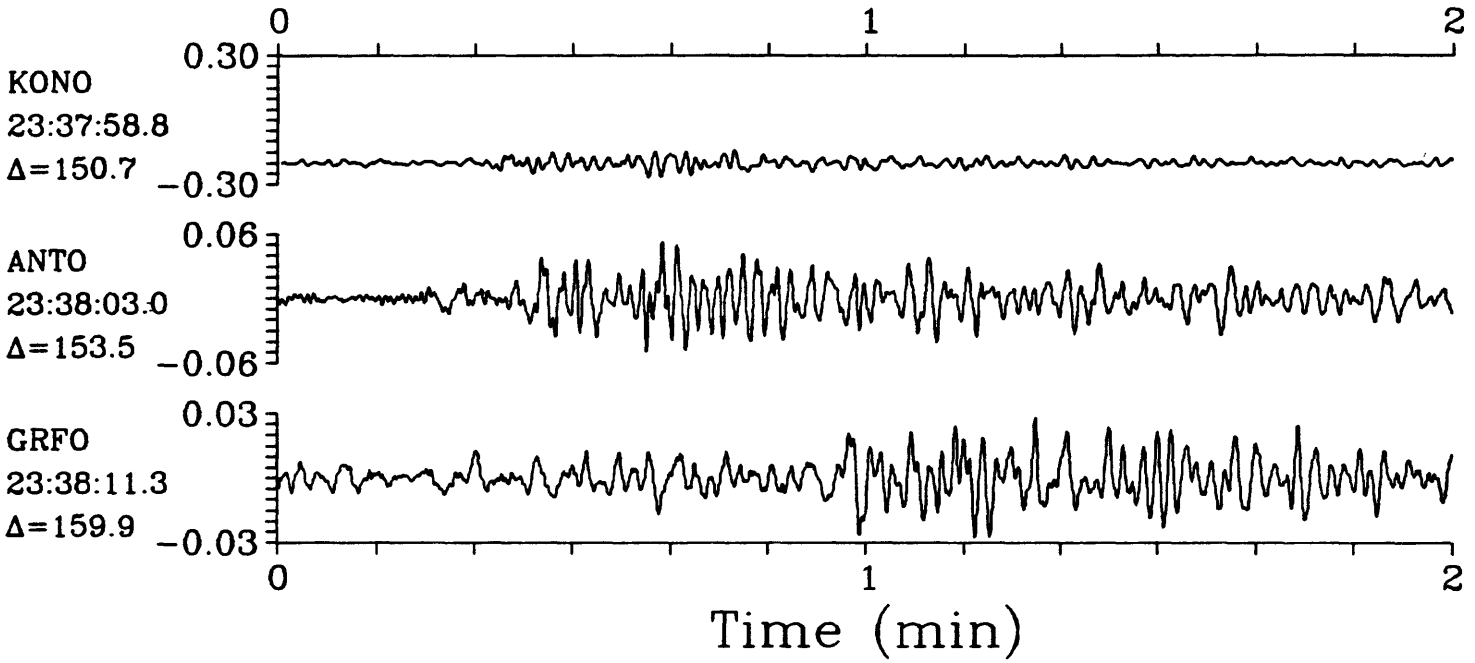

SPZ
19 June 1986 23:18:30.35
SPZ
Kermadec Islands h=33.0 m_b=5.4 M_{SZ}=6.3
0
1
2
CTAO
23:24:56.0
Δ= 34.0
0.20
−0.20
MAJO
23:30:14:4
Δ= 78.6
0.05
−0.05
JAS1
23:30:57.6
Δ= 86.9
0.06
−0.06
LON
23:31:23.2
Δ= 92.3
0.02
−0.02
ANMO
23:31:29.8
Δ= 93.8
0.01
−0.01
CHTO
23:31:29.9
Δ= 93.8
0.01
−0.01
ZOBO
23:31:48.2
Δ= 97.9
0.06
−0.06
RSCP
23:32:36.9
Δ=108.9
0.02
−0.02
NRAO
23:37:56.8
Δ=149.4
0.06
−0.06
BCAO
23:37:57.0
Δ=149.5
0.12
−0.12
0
1
2
Time (min)
1127

SPZ

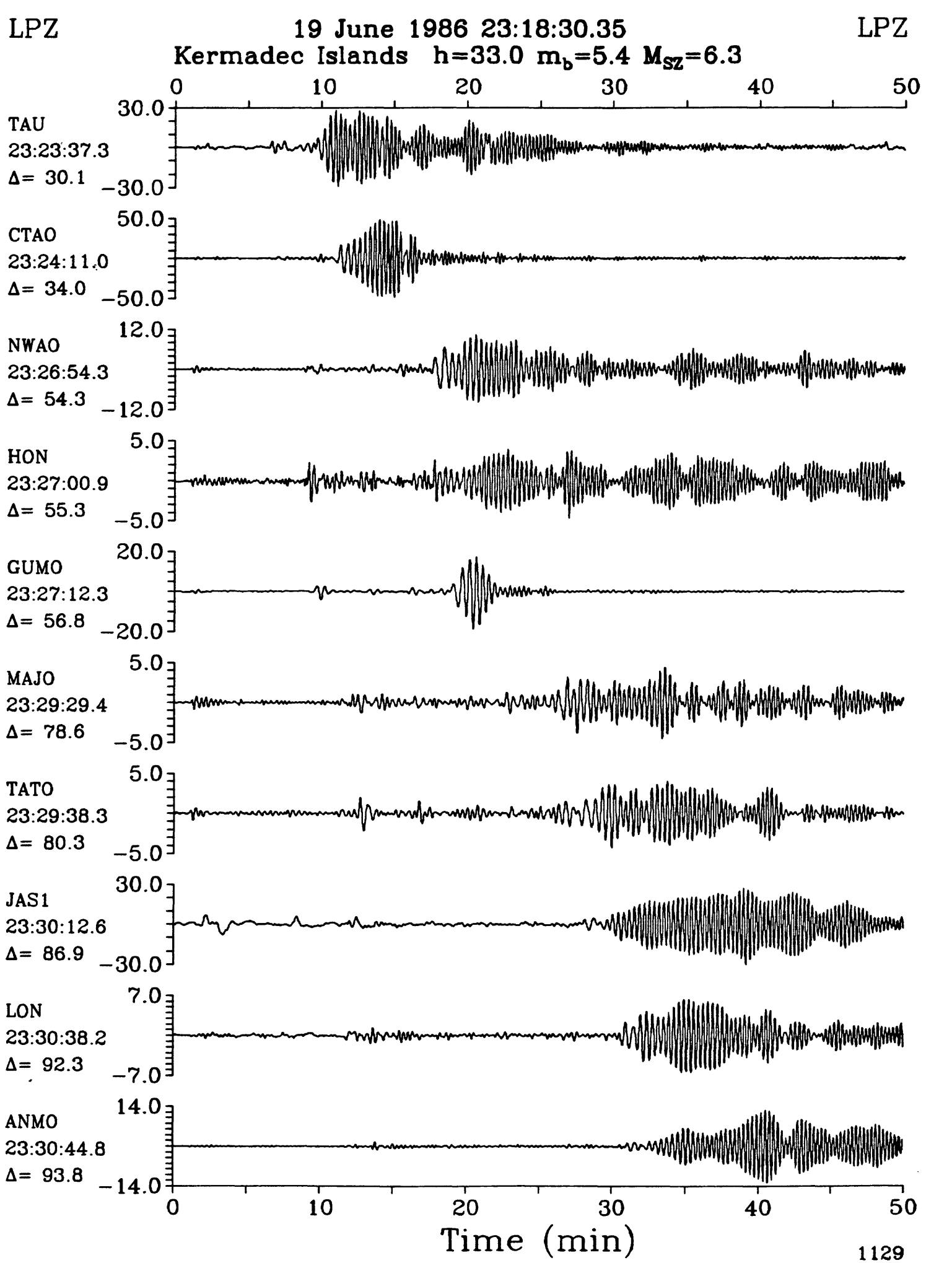
19 June 1986 23:18:30.35

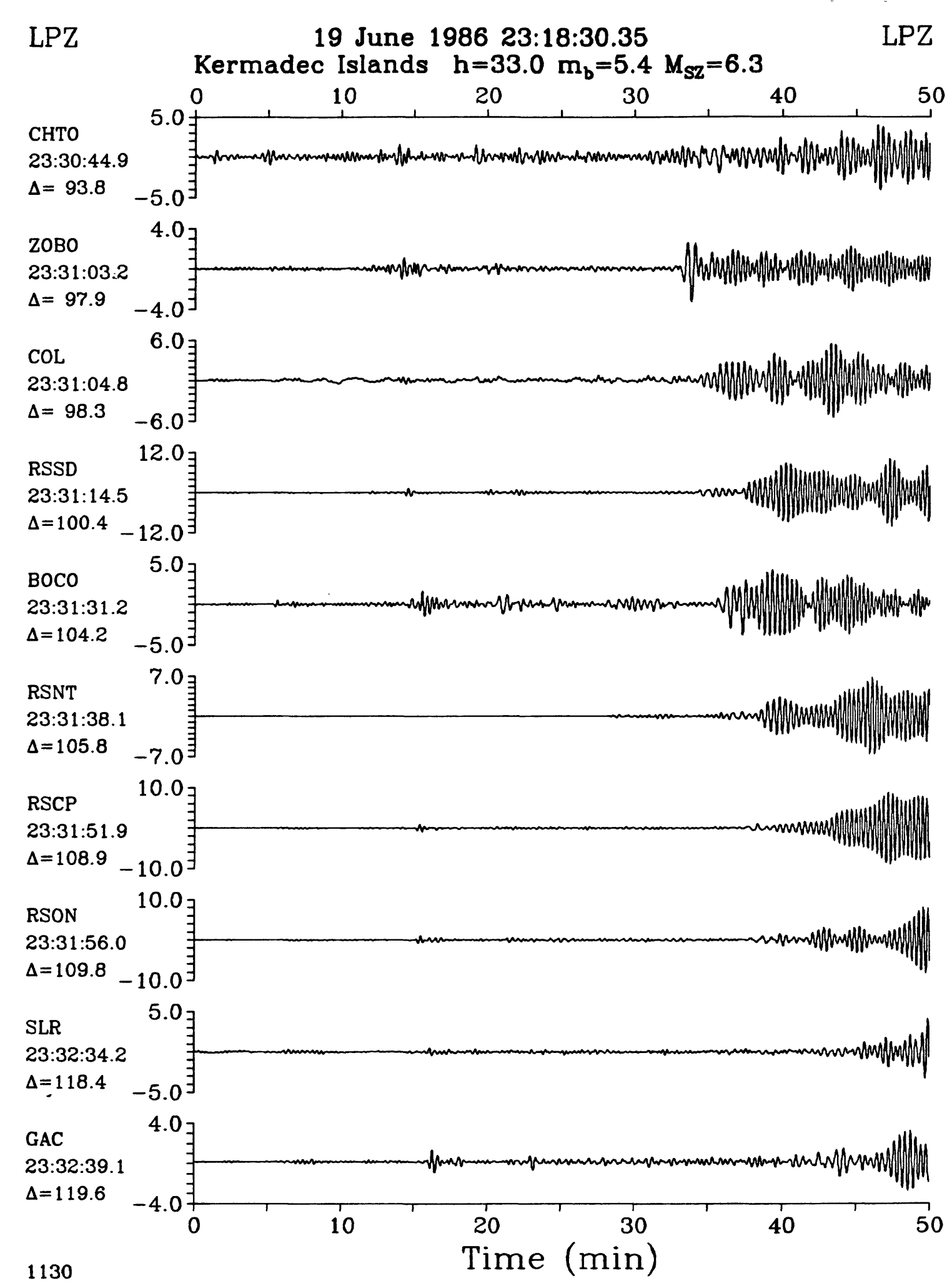
SPZ

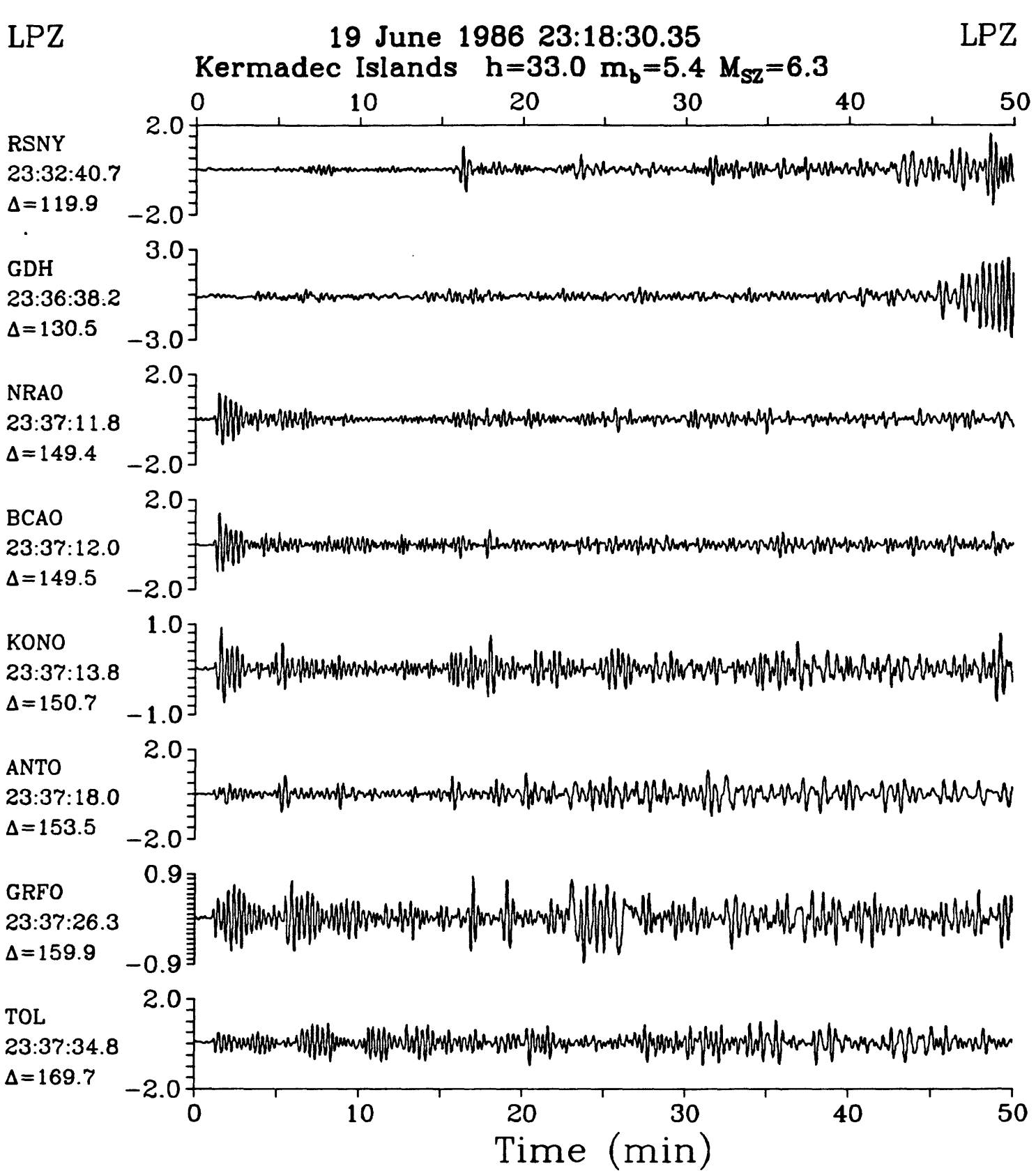
Kermadec Islands h=33.0 m_b=5.4 M_{SZ}=6.3

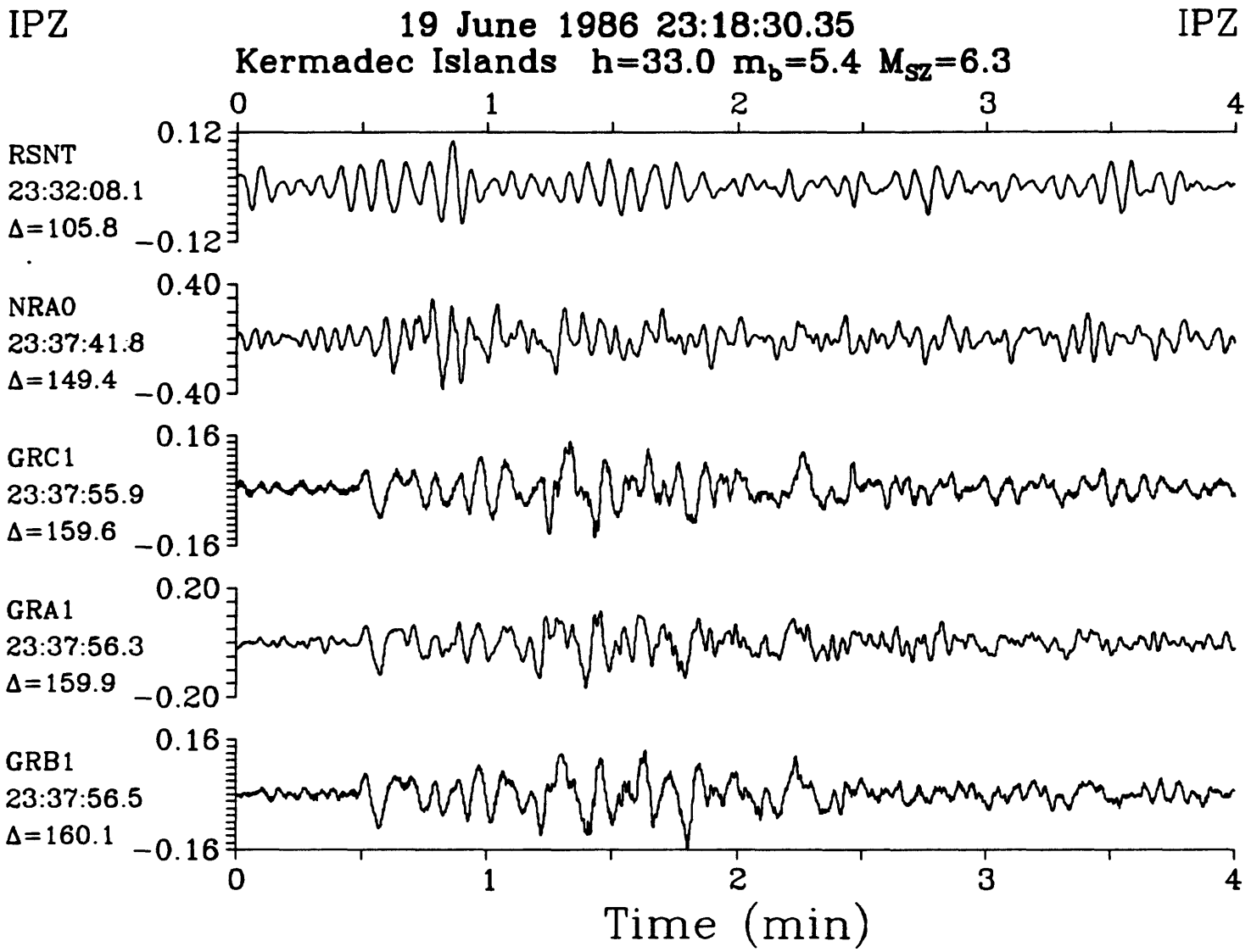


Time (min)


LPZ
19 June 1986 23:18:30.35
LPZ
Kermadec Islands h=33.0 m_b=5.4 M_{SZ}=6.3
0
10
20
30
40
50
TAU
23:23:37.3
Δ= 30.1
30.0
-30.0
CTAO
23:24:11.0
Δ= 34.0
50.0
-50.0
NWAO
23:26:54.3
Δ= 54.3
12.0
-12.0
HON
23:27:00.9
Δ= 55.3
5.0
-5.0
GUMO
23:27:12.3
Δ= 56.8
20.0
-20.0
MAJO
23:29:29.4
Δ= 78.6
5.0
-5.0
TATO
23:29:38.3
Δ= 80.3
5.0
-5.0
JAS1
23:30:12.6
Δ= 86.9
30.0
-30.0
LON
23:30:38.2
Δ= 92.3
7.0
-7.0
ANMO
23:30:44.8
Δ= 93.8
14.0
-14.0
0
10
20
30
40
50
Time (min)
1129

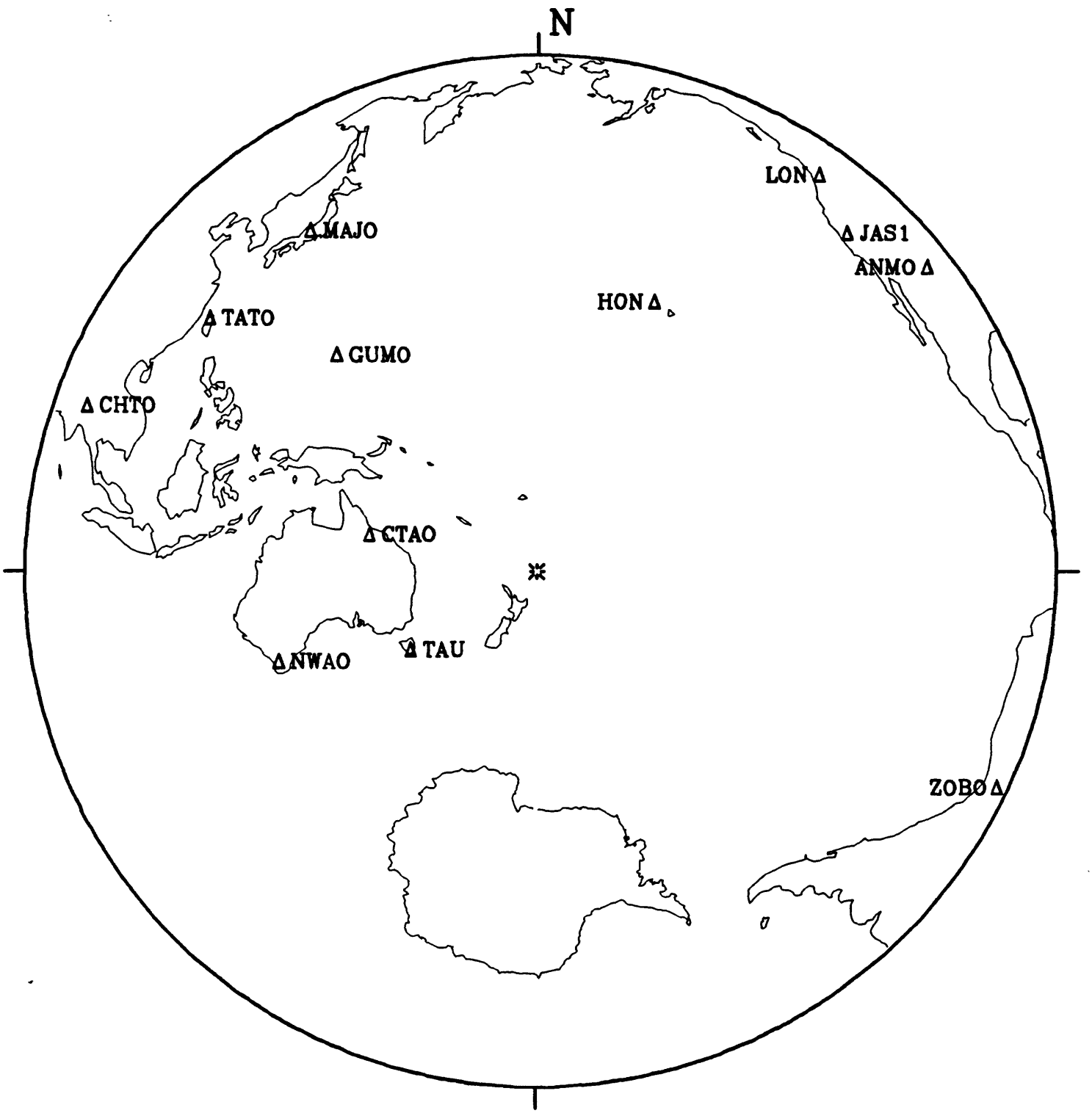

LPZ
19 June 1986 23:18:30.35
LPZ
Kermadec Islands h=33.0 m_b=5.4 M_{SZ}=6.3
0
10
20
30
40
50
CHTO
23:30:44.9
Δ= 93.8
5.0
-5.0
ZOBO
23:31:03.2
Δ= 97.9
4.0
-4.0
COL
23:31:04.8
Δ= 98.3
6.0
-6.0
RSSD
23:31:14.5
Δ=100.4
12.0
-12.0
BOCO
23:31:31.2
Δ=104.2
5.0
-5.0
RSNT
23:31:38.1
Δ=105.8
7.0
-7.0
RSCP
23:31:51.9
Δ=108.9
10.0
-10.0
RSON
23:31:56.0
Δ=109.8
10.0
-10.0
SLR
23:32:34.2
Δ=118.4
5.0
-5.0
GAC
23:32:39.1
Δ=119.6
4.0
-4.0
0
10
20
30
40
50
Time (min)
1130

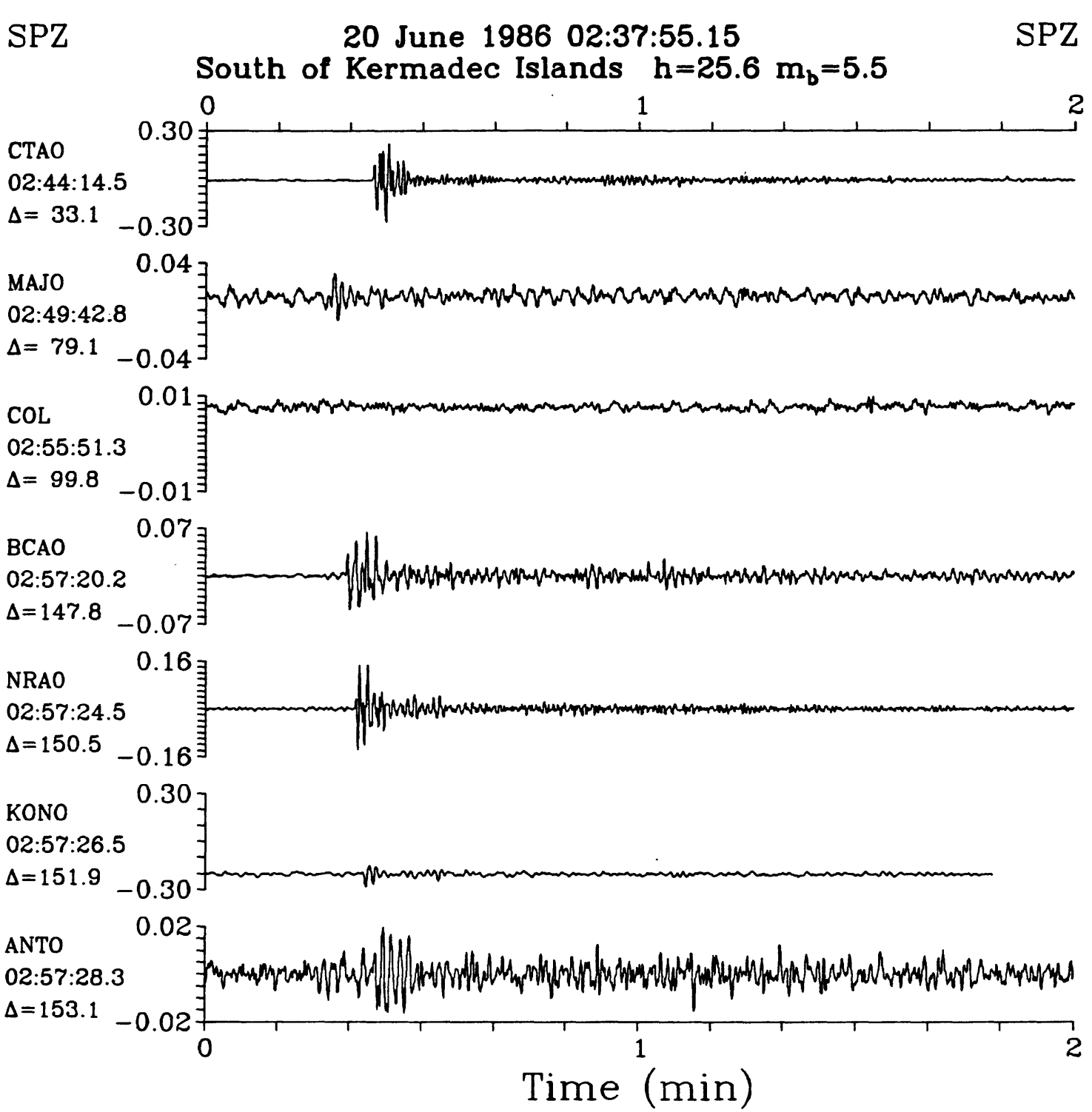

LPZ
19 June 1986 23:18:30.35
LPZ
Kermadec Islands h=33.0 m_b=5.4 M_{SZ}=6.3
0
10
20
30
40
50
RSNY
23:32:40.7
Δ=119.9
2.0
-2.0
GDH
23:36:38.2
Δ=130.5
3.0
-3.0
NRAO
23:37:11.8
Δ=149.4
2.0
-2.0
BCAO
23:37:12.0
Δ=149.5
2.0
-2.0
KONO
23:37:13.8
Δ=150.7
1.0
-1.0
ANTO
23:37:18.0
Δ=153.5
2.0
-2.0
GRFO
23:37:26.3
Δ=159.9
0.9
-0.9
TOL
23:37:34.8
Δ=169.7
2.0
-2.0
Time (min)

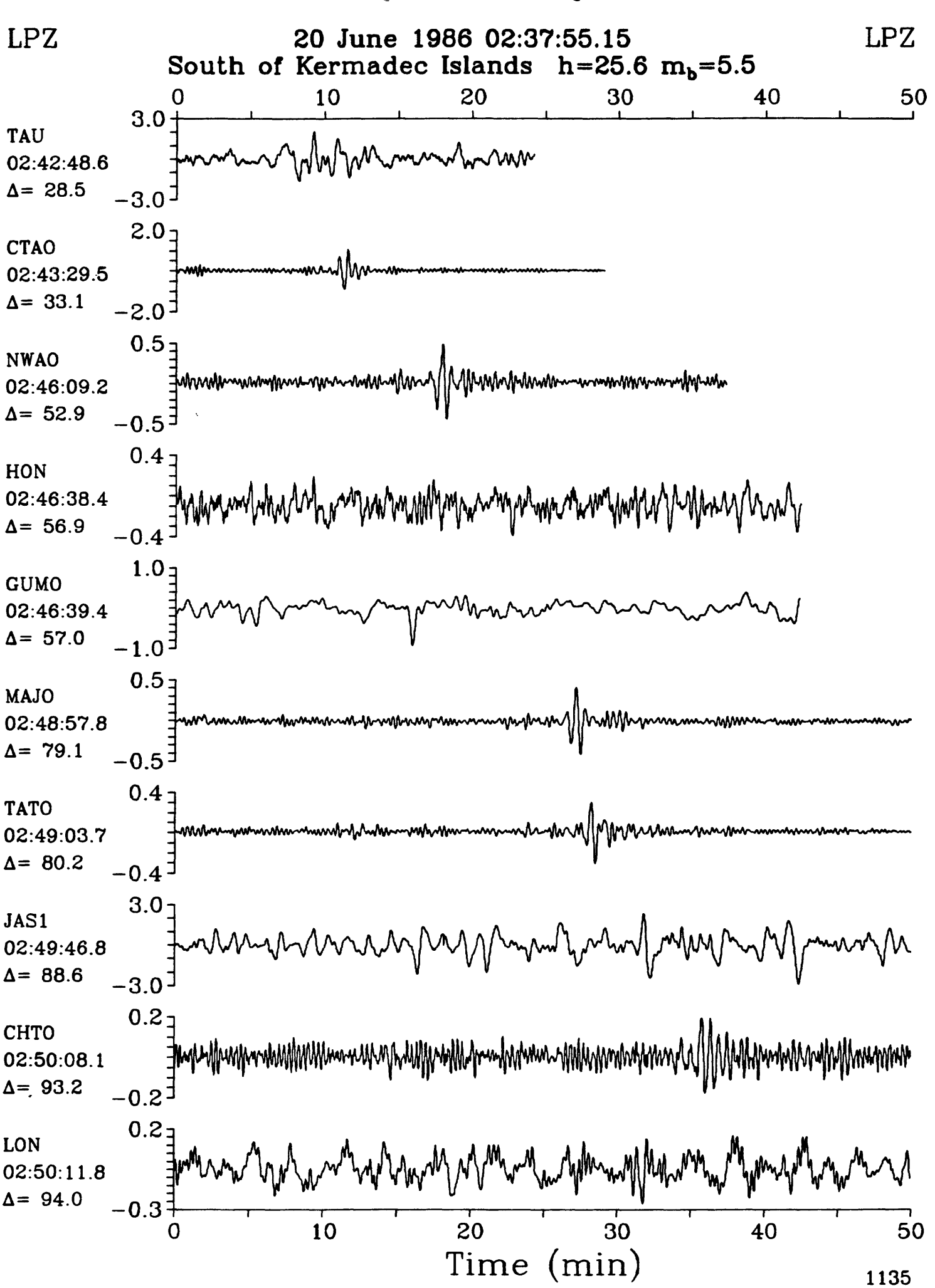

19 June 1986 23:18:30.35
Kermadec Islands h=33.0 m_b=5.4 M_{SZ}=6.3
RSNT
23:32:08.1
Δ=105.8
NRA0
23:37:41.8
Δ=149.4
GRC1
23:37:55.9
Δ=159.6
GRA1
23:37:56.3
Δ=159.9
GRB1
23:37:56.5
Δ=160.1
0.12
−0.12
0.40
−0.40
0.16
−0.16
0.20
−0.20
0.16
−0.16
0
1
2
3
4
Time (min)

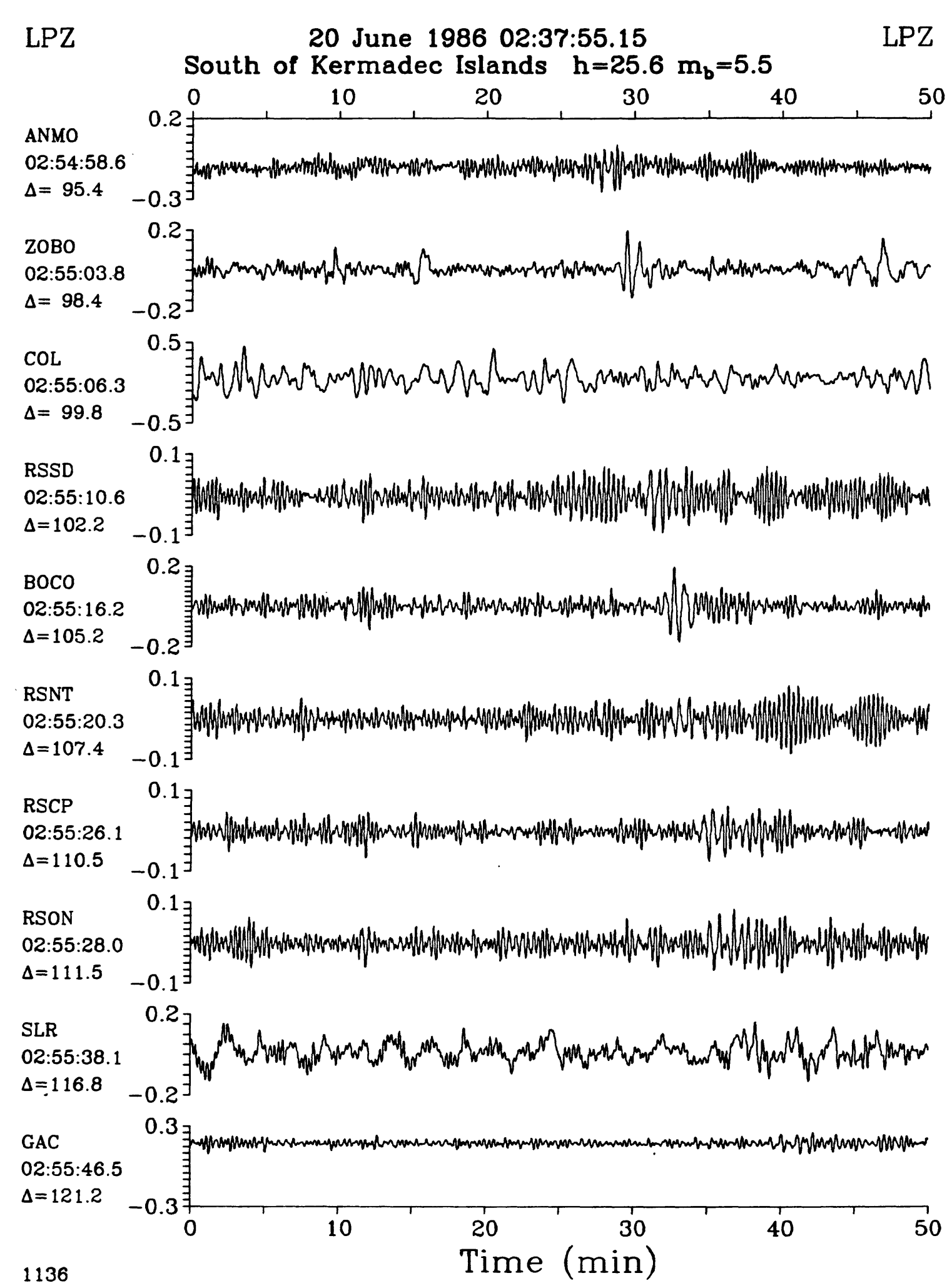
20 June 1986 02:37:55.15

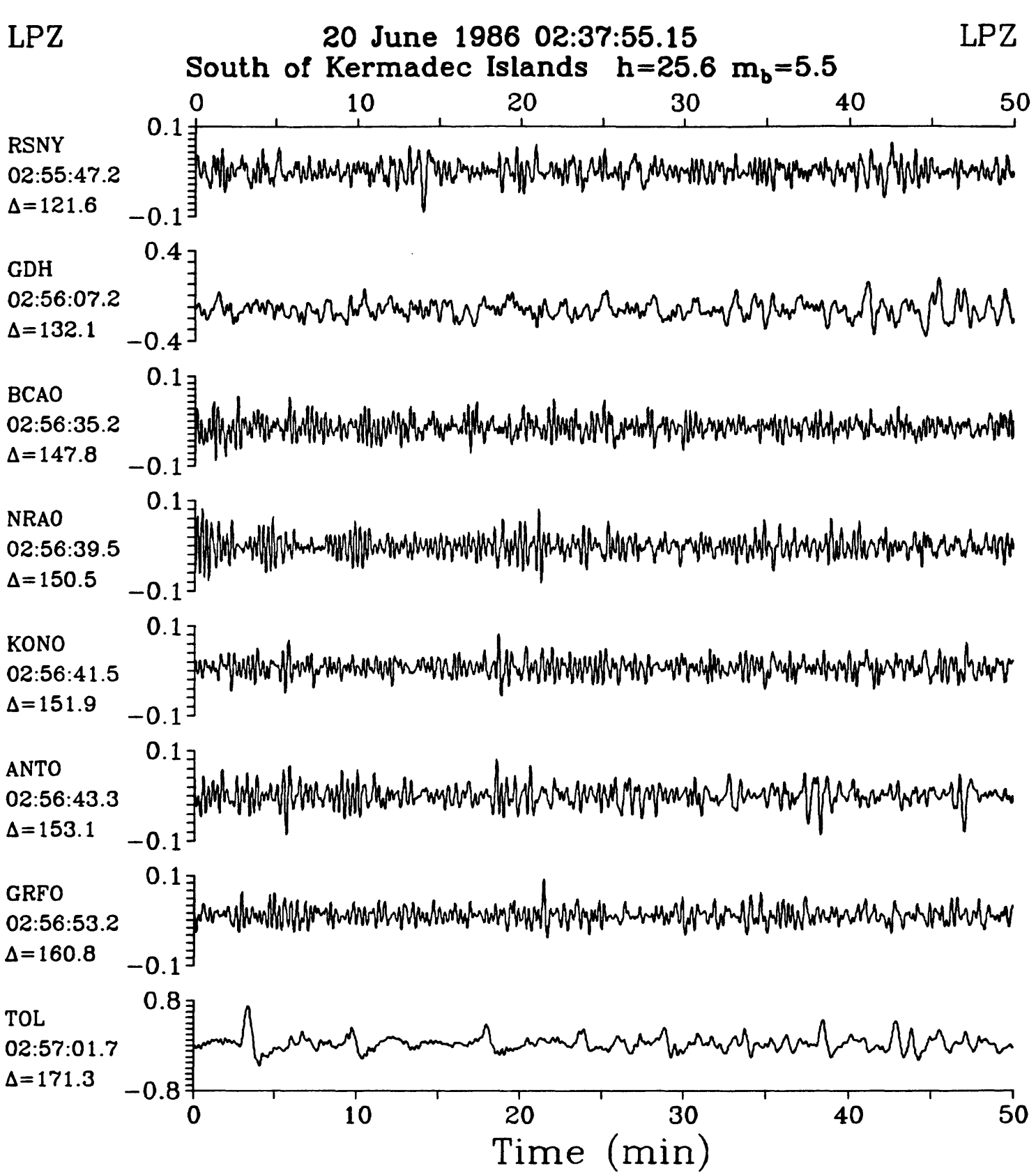
South of Kermadec Islands




SPZ
20 June 1986 02:37:55.15
South of Kermadec Islands h=25.6 m_b=5.5
SPZ
0
1
2
0.30
CTAO
02:44:14.5
Δ= 33.1
−0.30
0.04
MAJO
02:49:42.8
Δ= 79.1
−0.04
0.01
COL
02:55:51.3
Δ= 99.8
−0.01
0.07
BCAO
02:57:20.2
Δ=147.8
−0.07
0.16
NRAO
02:57:24.5
Δ=150.5
−0.16
0.30
KONO
02:57:26.5
Δ=151.9
−0.30
0.02
ANTO
02:57:28.3
Δ=153.1
−0.02
0
1
2
Time (min)

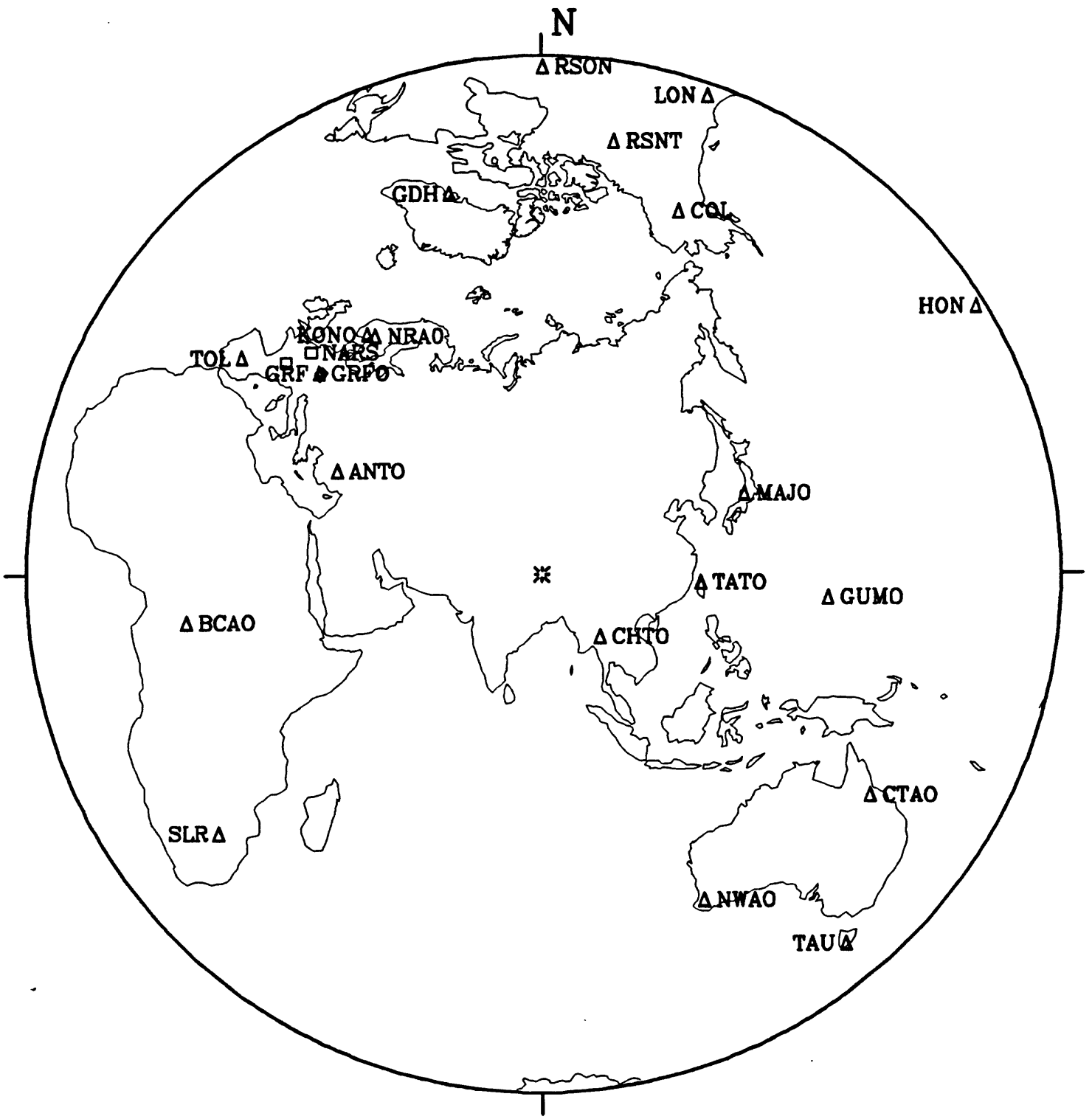

LPZ
20 June 1986 02:37:55.15
South of Kermadec Islands h=25.6 m_b=5.5
LPZ
0
10
20
30
40
50
TAU
02:42:48.6
Δ= 28.5
3.0
-3.0
CTAO
02:43:29.5
Δ= 33.1
2.0
-2.0
NWAO
02:46:09.2
Δ= 52.9
0.5
-0.5
HON
02:46:38.4
Δ= 56.9
0.4
-0.4
GUMO
02:46:39.4
Δ= 57.0
1.0
-1.0
MAJO
02:48:57.8
Δ= 79.1
0.5
-0.5
TATO
02:49:03.7
Δ= 80.2
0.4
-0.4
JAS1
02:49:46.8
Δ= 88.6
3.0
-3.0
CHTO
02:50:08.1
Δ= 93.2
0.2
-0.2
LON
02:50:11.8
Δ= 94.0
0.2
-0.3
0
10
20
30
40
50
Time (min)
1135

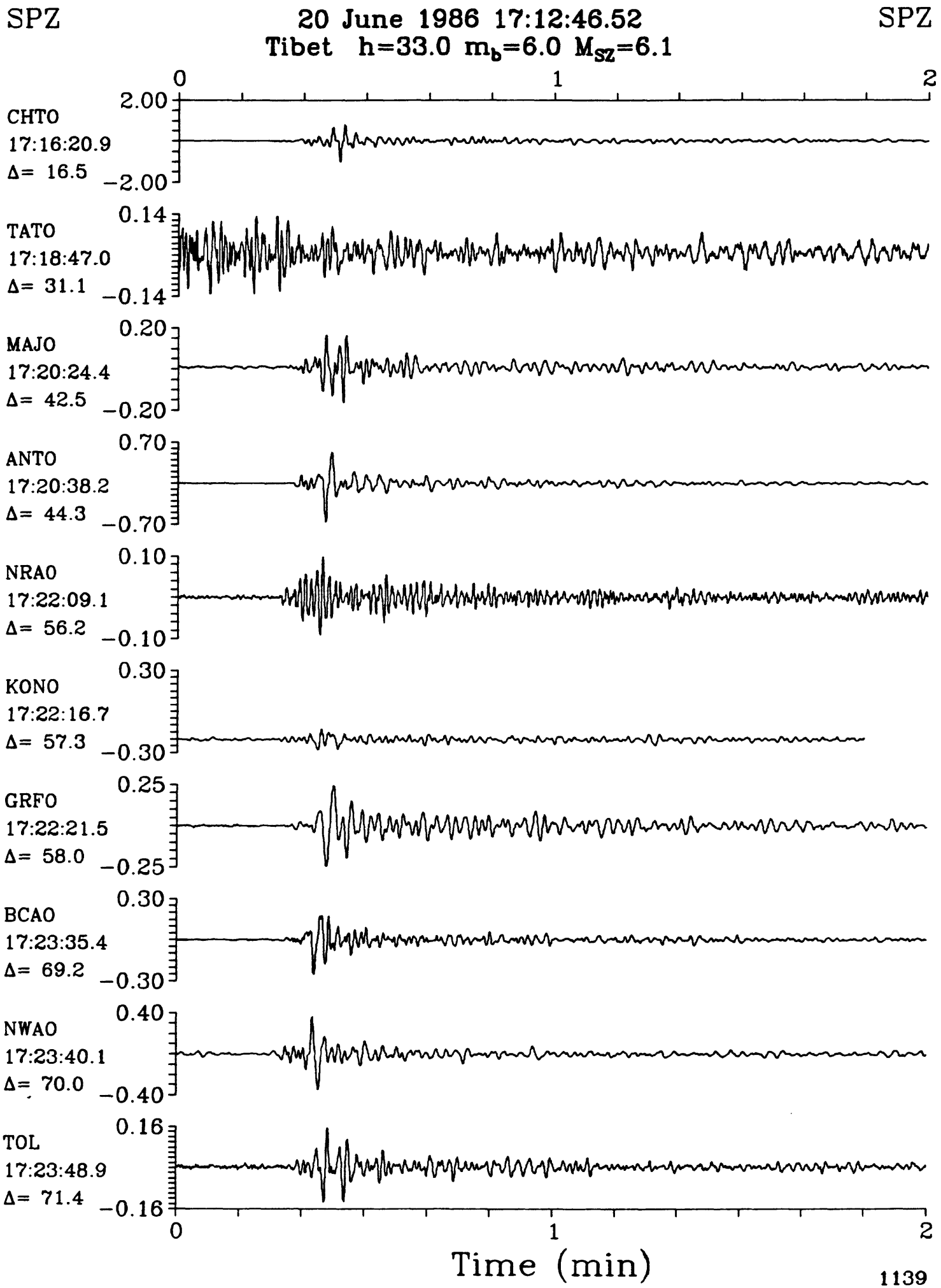

LPZ
20 June 1986 02:37:55.15
LPZ
South of Kermadec Islands h=25.6 m_b=5.5
0
10
20
30
40
50
ANMO
02:54:58.6
Δ= 95.4
0.2
−0.3
ZOBO
02:55:03.8
Δ= 98.4
0.2
−0.2
COL
02:55:06.3
Δ= 99.8
0.5
−0.5
RSSD
02:55:10.6
Δ=102.2
0.1
−0.1
BOCO
02:55:16.2
Δ=105.2
0.2
−0.2
RSNT
02:55:20.3
Δ=107.4
0.1
−0.1
RSCP
02:55:26.1
Δ=110.5
0.1
−0.1
RSON
02:55:28.0
Δ=111.5
0.1
−0.1
SLR
02:55:38.1
Δ=116.8
0.2
−0.2
GAC
02:55:46.5
Δ=121.2
0.3
−0.3
0
10
20
30
40
50
Time (min)

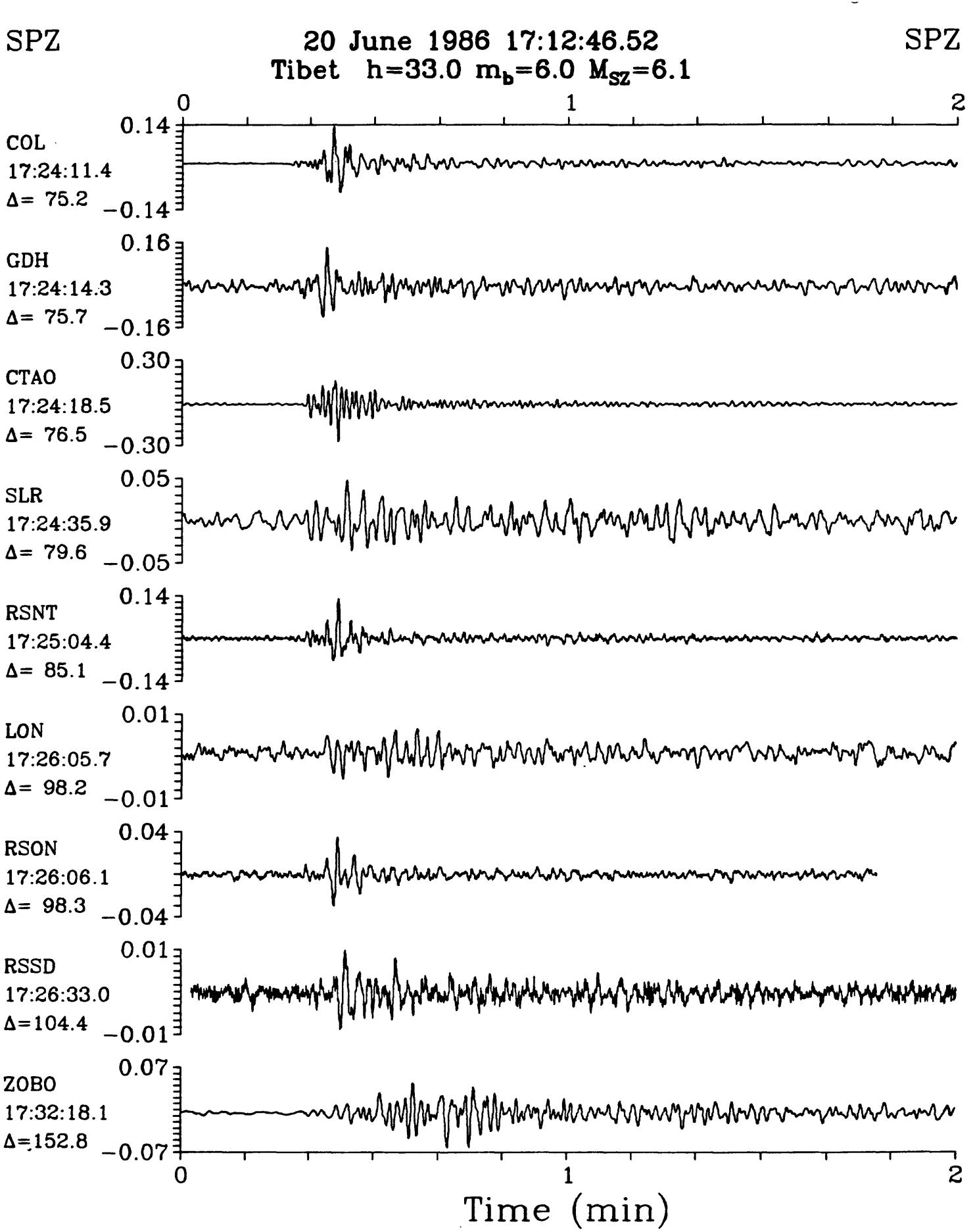

LPZ
20 June 1986 02:37:55.15
South of Kermadec Islands h=25.6 m_b=5.5
LPZ
0
10
20
30
40
50
RSNY
02:55:47.2
Δ=121.6
0.1
−0.1
GDH
02:56:07.2
Δ=132.1
0.4
−0.4
BCAO
02:56:35.2
Δ=147.8
0.1
−0.1
NRAO
02:56:39.5
Δ=150.5
0.1
−0.1
KONO
02:56:41.5
Δ=151.9
0.1
−0.1
ANTO
02:56:43.3
Δ=153.1
0.1
−0.1
GRFO
02:56:53.2
Δ=160.8
0.1
−0.1
TOL
02:57:01.7
Δ=171.3
0.8
−0.8
0
10
20
30
40
50
Time (min)

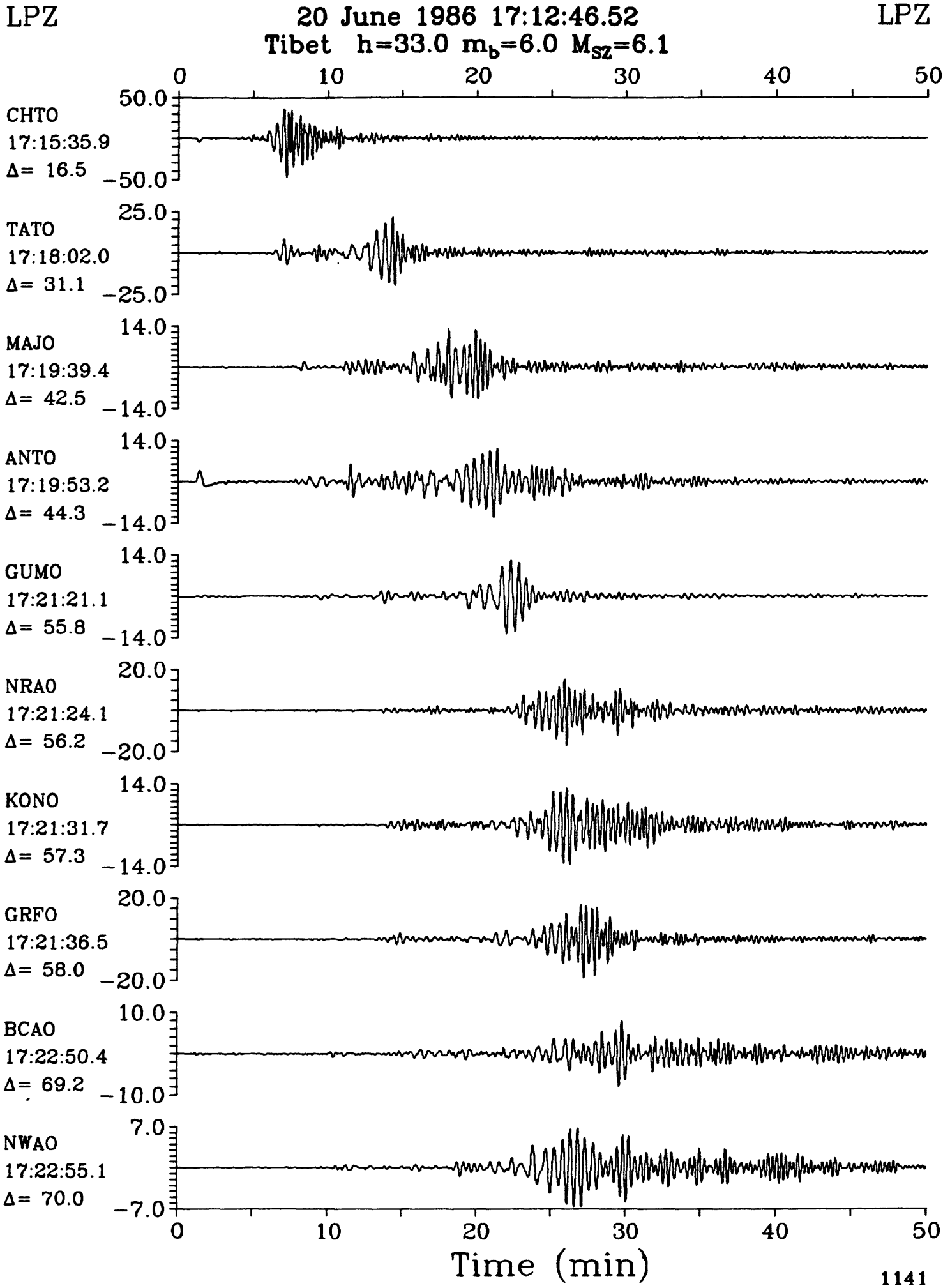
20 June 1986 17:12:46.52

Tibet

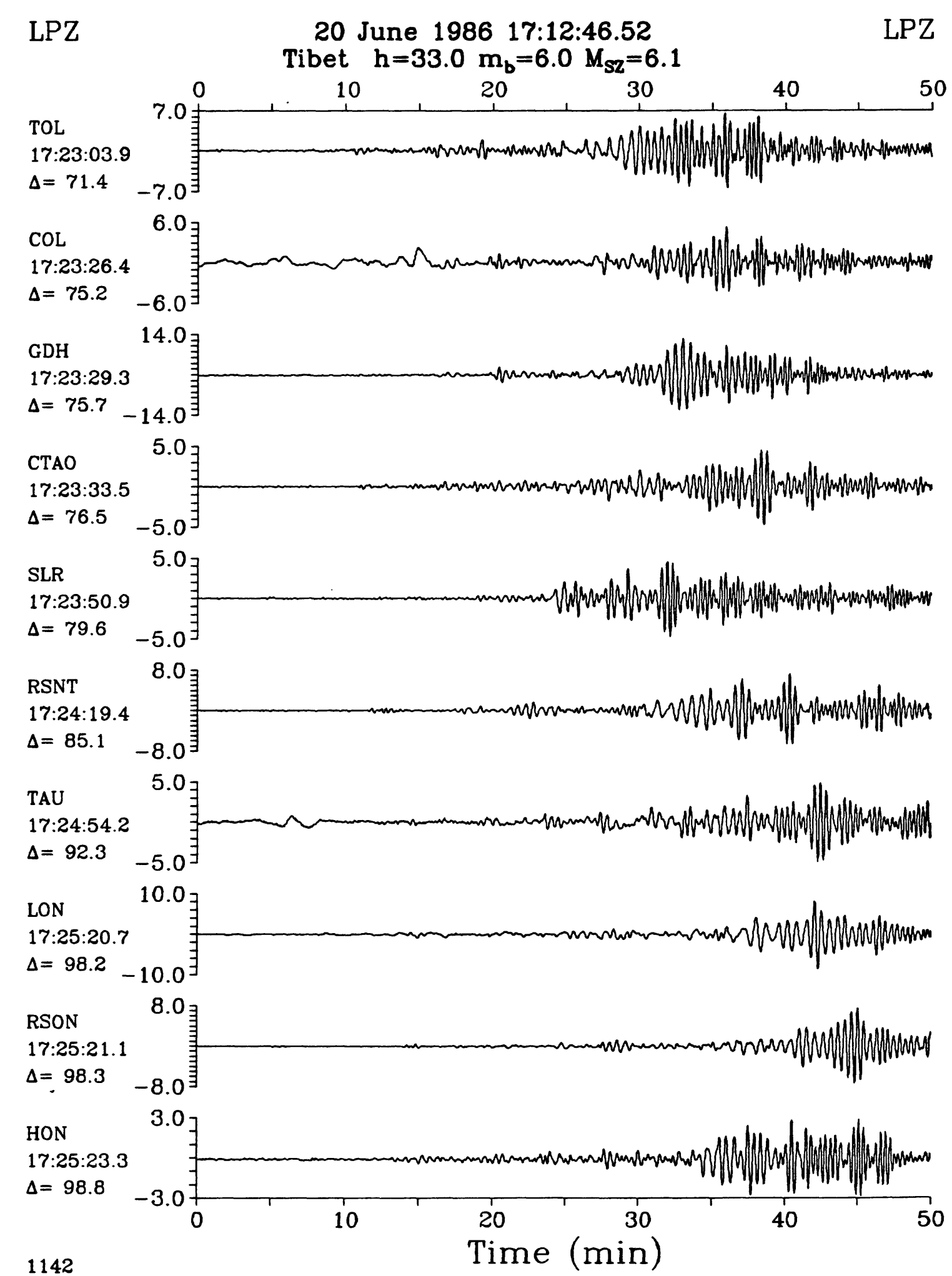


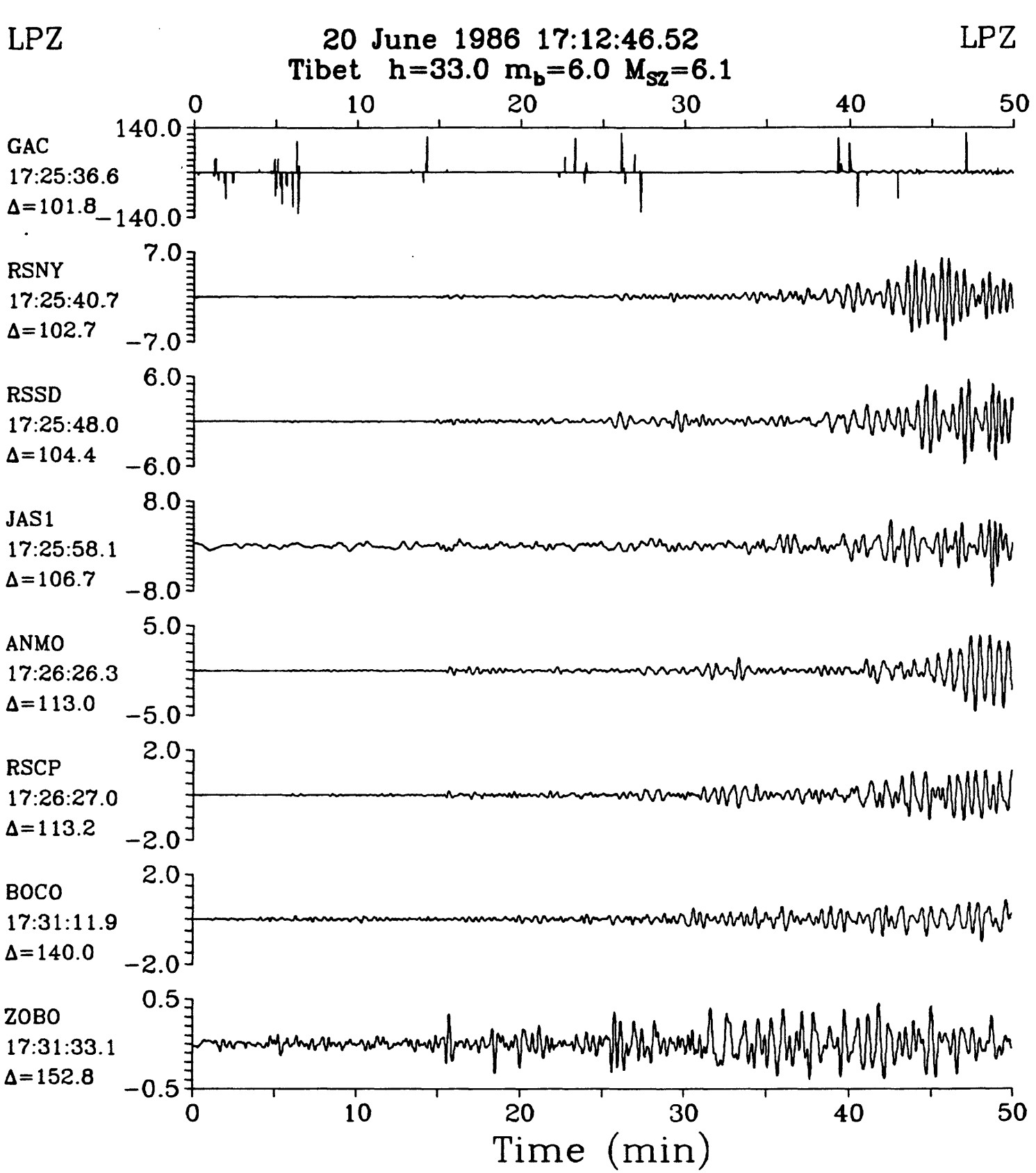

SPZ
20 June 1986 17:12:46.52
Tibet h=33.0 m_b=6.0 M_{SZ}=6.1
SPZ
0
1
2
CHTO
17:16:20.9
Δ= 16.5
2.00
-2.00
TATO
17:18:47.0
Δ= 31.1
0.14
-0.14
MAJO
17:20:24.4
Δ= 42.5
0.20
-0.20
ANTO
17:20:38.2
Δ= 44.3
0.70
-0.70
NRAO
17:22:09.1
Δ= 56.2
0.10
-0.10
KONO
17:22:16.7
Δ= 57.3
0.30
-0.30
GRFO
17:22:21.5
Δ= 58.0
0.25
-0.25
BCAO
17:23:35.4
Δ= 69.2
0.30
-0.30
NWAO
17:23:40.1
Δ= 70.0
0.40
-0.40
TOL
17:23:48.9
Δ= 71.4
0.16
-0.16
0
1
2
Time (min)
1139


SPZ
20 June 1986 17:12:46.52
Tibet h=33.0 m_b=6.0 M_{SZ}=6.1
SPZ
0
1
2
0.14
COL
17:24:11.4
Δ= 75.2
−0.14
0.16
GDH
17:24:14.3
Δ= 75.7
−0.16
0.30
CTAO
17:24:18.5
Δ= 76.5
−0.30
0.05
SLR
17:24:35.9
Δ= 79.6
−0.05
0.14
RSNT
17:25:04.4
Δ= 85.1
−0.14
0.01
LON
17:26:05.7
Δ= 98.2
−0.01
0.04
RSON
17:26:06.1
Δ= 98.3
−0.04
0.01
RSSD
17:26:33.0
Δ=104.4
−0.01
0.07
ZOBO
17:32:18.1
Δ=152.8
−0.07
0
1
2
Time (min)


LPZ
20 June 1986 17:12:46.52
Tibet h=33.0 m_b=6.0 M_{SZ}=6.1
LPZ
0
10
20
30
40
50
CHTO
17:15:35.9
Δ= 16.5
50.0
-50.0
TATO
17:18:02.0
Δ= 31.1
25.0
-25.0
MAJO
17:19:39.4
Δ= 42.5
14.0
-14.0
ANTO
17:19:53.2
Δ= 44.3
14.0
-14.0
GUMO
17:21:21.1
Δ= 55.8
14.0
-14.0
NRAO
17:21:24.1
Δ= 56.2
20.0
-20.0
KONO
17:21:31.7
Δ= 57.3
14.0
-14.0
GRFO
17:21:36.5
Δ= 58.0
20.0
-20.0
BCAO
17:22:50.4
Δ= 69.2
10.0
-10.0
NWAO
17:22:55.1
Δ= 70.0
7.0
-7.0
0
10
20
30
40
50
Time (min)

1141

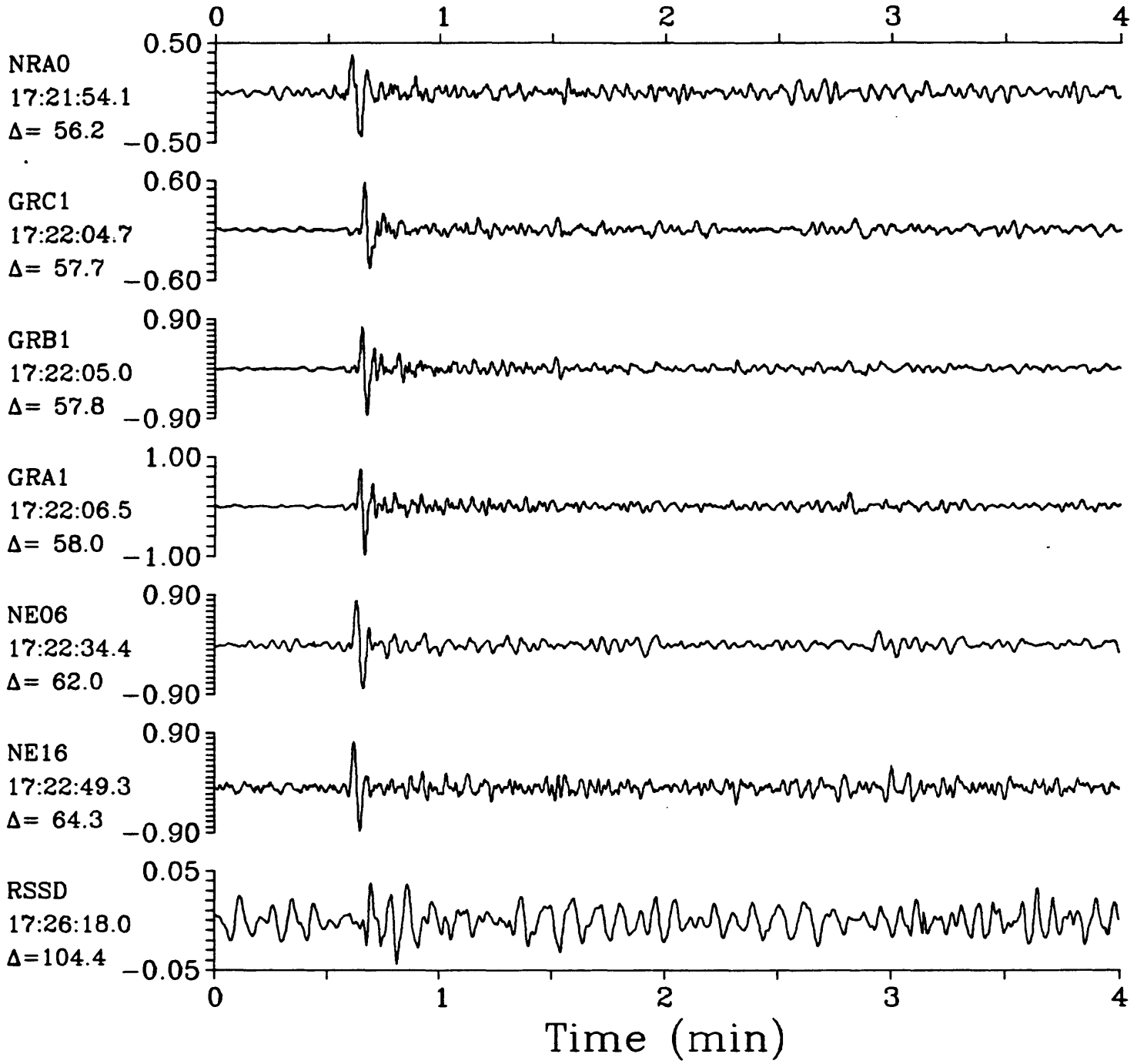

LPZ
20 June 1986 17:12:46.52
Tibet h=33.0 m_b=6.0 M_{SZ}=6.1
LPZ
0
10
20
30
40
50
TOL
17:23:03.9
Δ= 71.4
7.0
-7.0
COL
17:23:26.4
Δ= 75.2
6.0
-6.0
GDH
17:23:29.3
Δ= 75.7
14.0
-14.0
CTAO
17:23:33.5
Δ= 76.5
5.0
-5.0
SLR
17:23:50.9
Δ= 79.6
5.0
-5.0
RSNT
17:24:19.4
Δ= 85.1
8.0
-8.0
TAU
17:24:54.2
Δ= 92.3
5.0
-5.0
LON
17:25:20.7
Δ= 98.2
10.0
-10.0
RSON
17:25:21.1
Δ= 98.3
8.0
-8.0
HON
17:25:23.3
Δ= 98.8
3.0
-3.0
0
10
20
30
40
50
Time (min)
1142


LPZ
20 June 1986 17:12:46.52
Tibet h=33.0 m_b=6.0 M_{SZ}=6.1
LPZ
0
10
20
30
40
50
GAC
17:25:36.6
Δ=101.8
140.0
-140.0
RSNY
17:25:40.7
Δ=102.7
7.0
-7.0
RSSD
17:25:48.0
Δ=104.4
6.0
-6.0
JAS1
17:25:58.1
Δ=106.7
8.0
-8.0
ANMO
17:26:26.3
Δ=113.0
5.0
-5.0
RSCP
17:26:27.0
Δ=113.2
2.0
-2.0
BOCO
17:31:11.9
Δ=140.0
2.0
-2.0
ZOBO
17:31:33.1
Δ=152.8
0.5
-0.5
0
10
20
30
40
50
Time (min)

20 June 1986 17:12:46.52

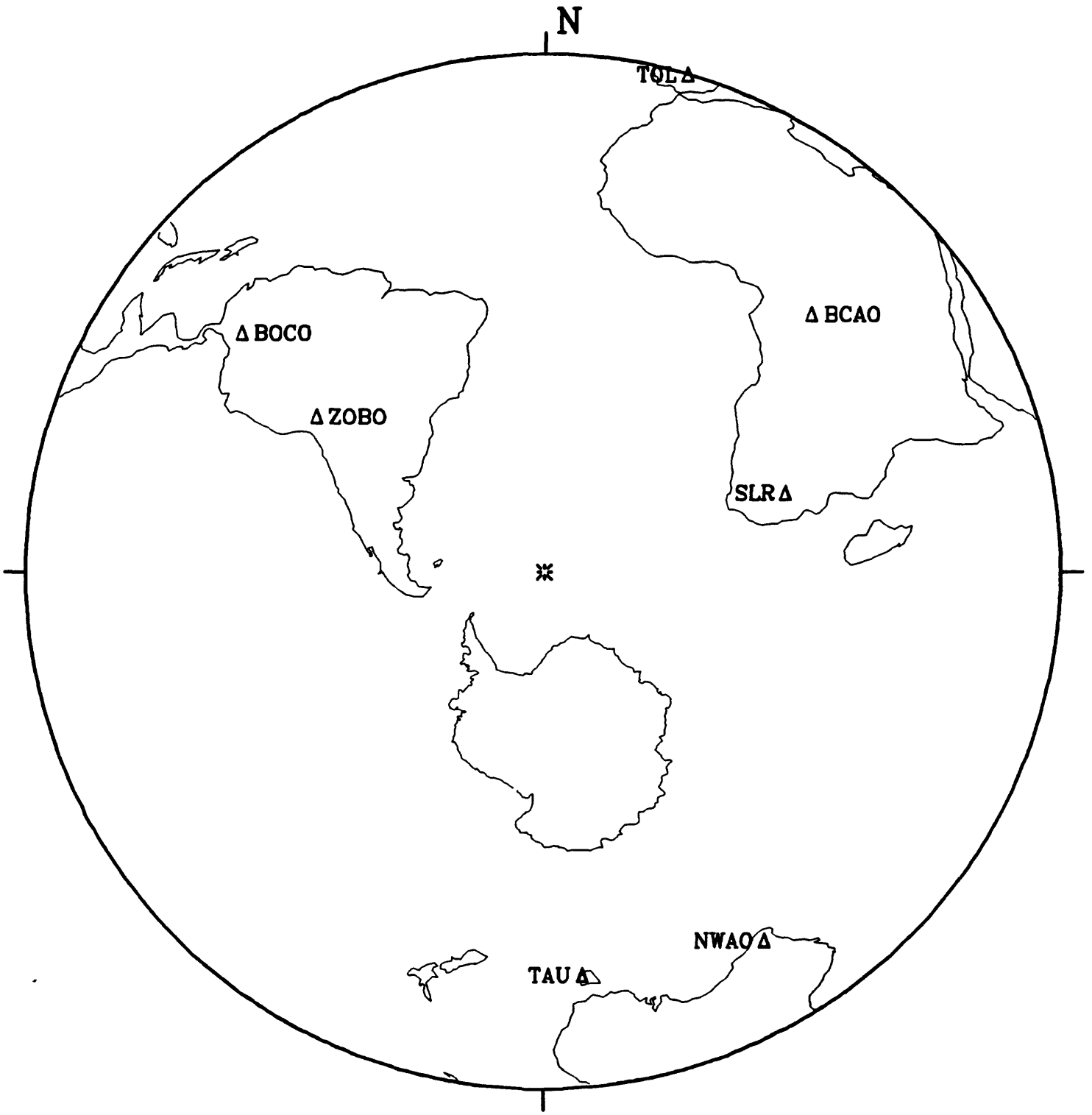
Tibet h=33.0 m_b=6.0 M_{SZ}=6.1

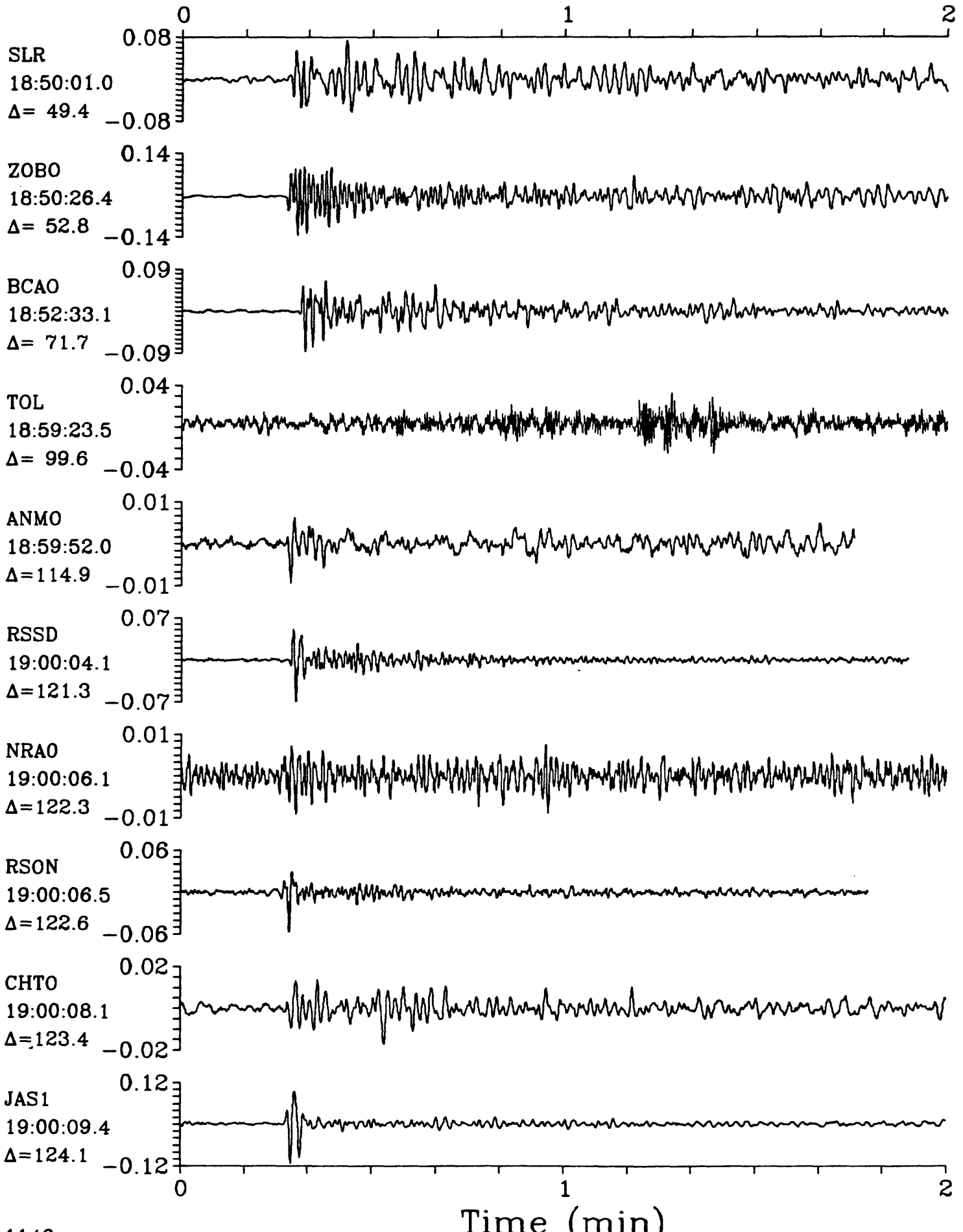
IPZ



20 June 1986 18:41:28.72

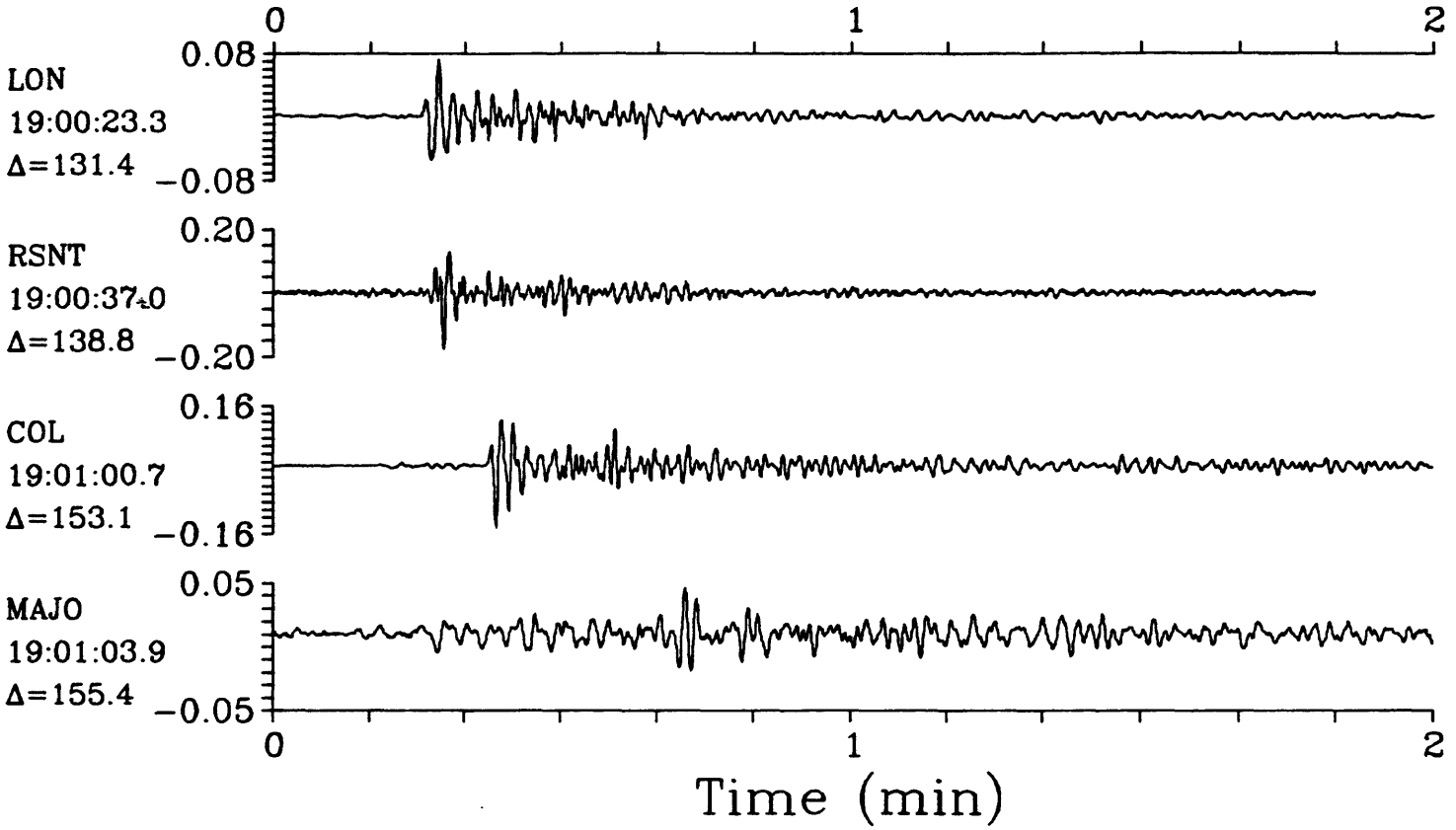
South Sandwich Islands Region

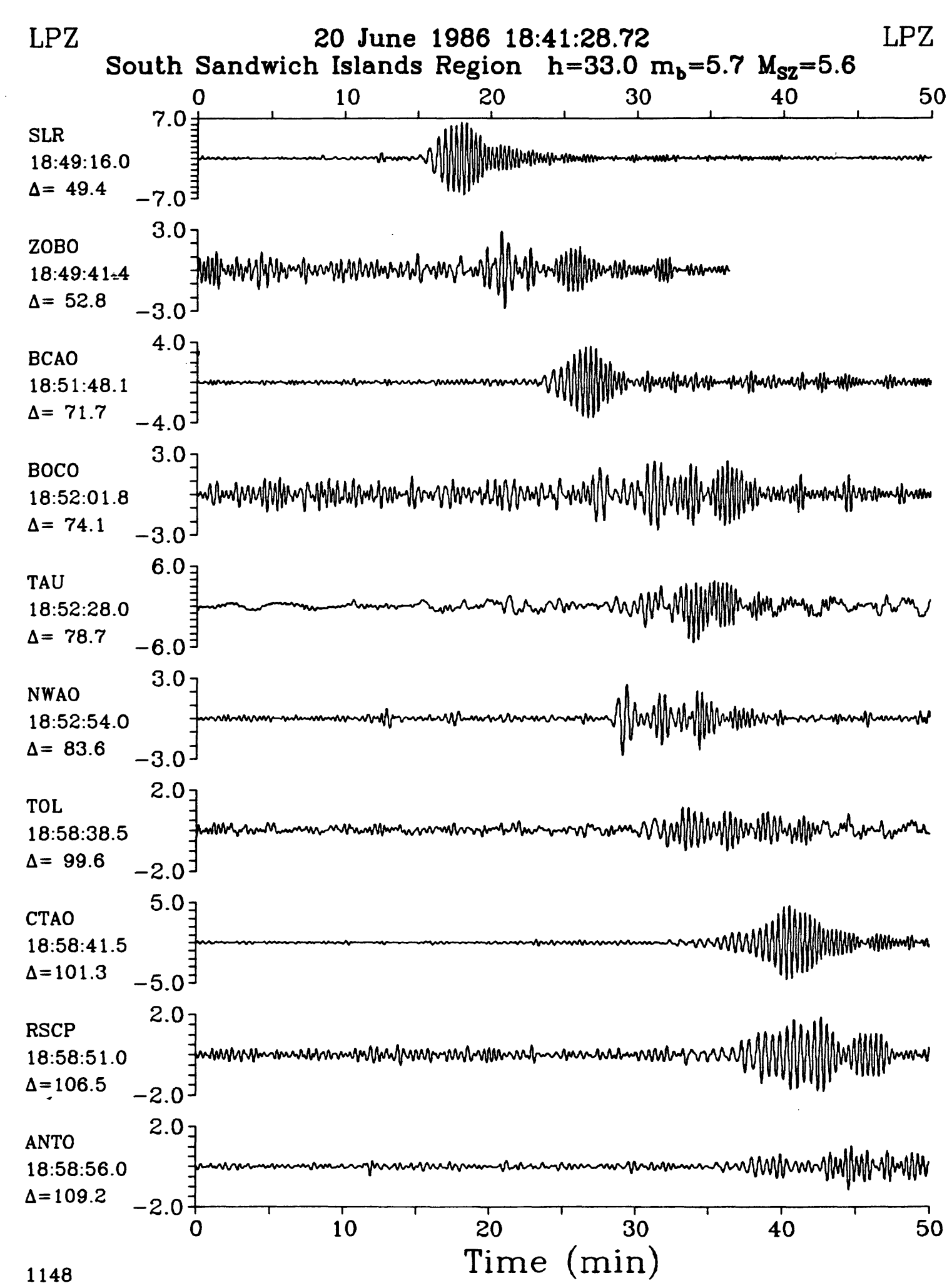


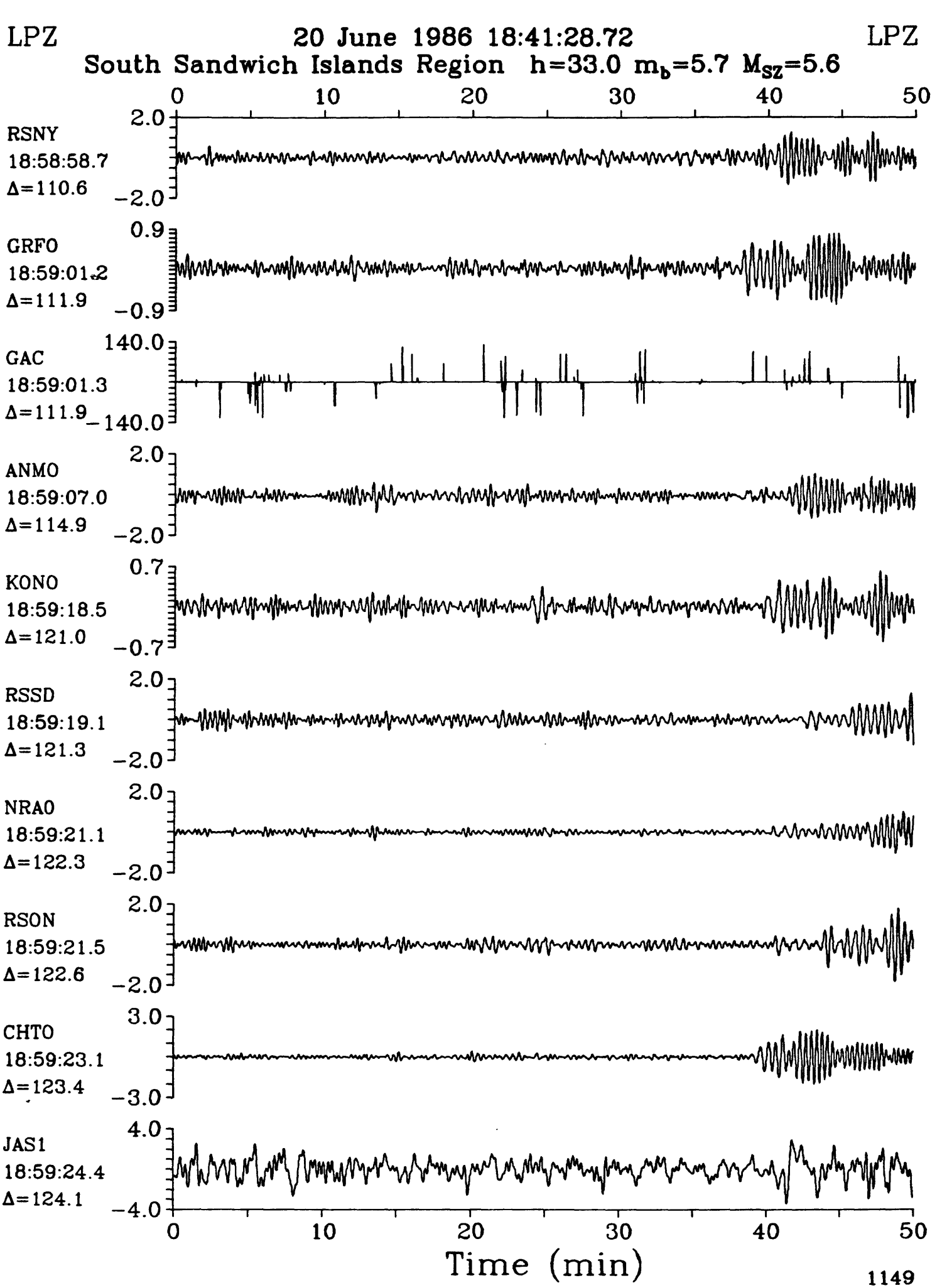

SPZ
20 June 1986 18:41:28.72
SPZ
South Sandwich Islands Region h=33.0 m_b=5.7 M_{SZ}=5.6
0
1
2
0.08
SLR
18:50:01.0
Δ= 49.4
−0.08
0.14
ZOBO
18:50:26.4
Δ= 52.8
−0.14
0.09
BCAO
18:52:33.1
Δ= 71.7
−0.09
0.04
TOL
18:59:23.5
Δ= 99.6
−0.04
0.01
ANMO
18:59:52.0
Δ=114.9
−0.01
0.07
RSSD
19:00:04.1
Δ=121.3
−0.07
0.01
NRAO
19:00:06.1
Δ=122.3
−0.01
0.06
RSON
19:00:06.5
Δ=122.6
−0.06
0.02
CHTO
19:00:08.1
Δ=123.4
−0.02
0.12
JAS1
19:00:09.4
Δ=124.1
−0.12
0
1
2
Time (min)

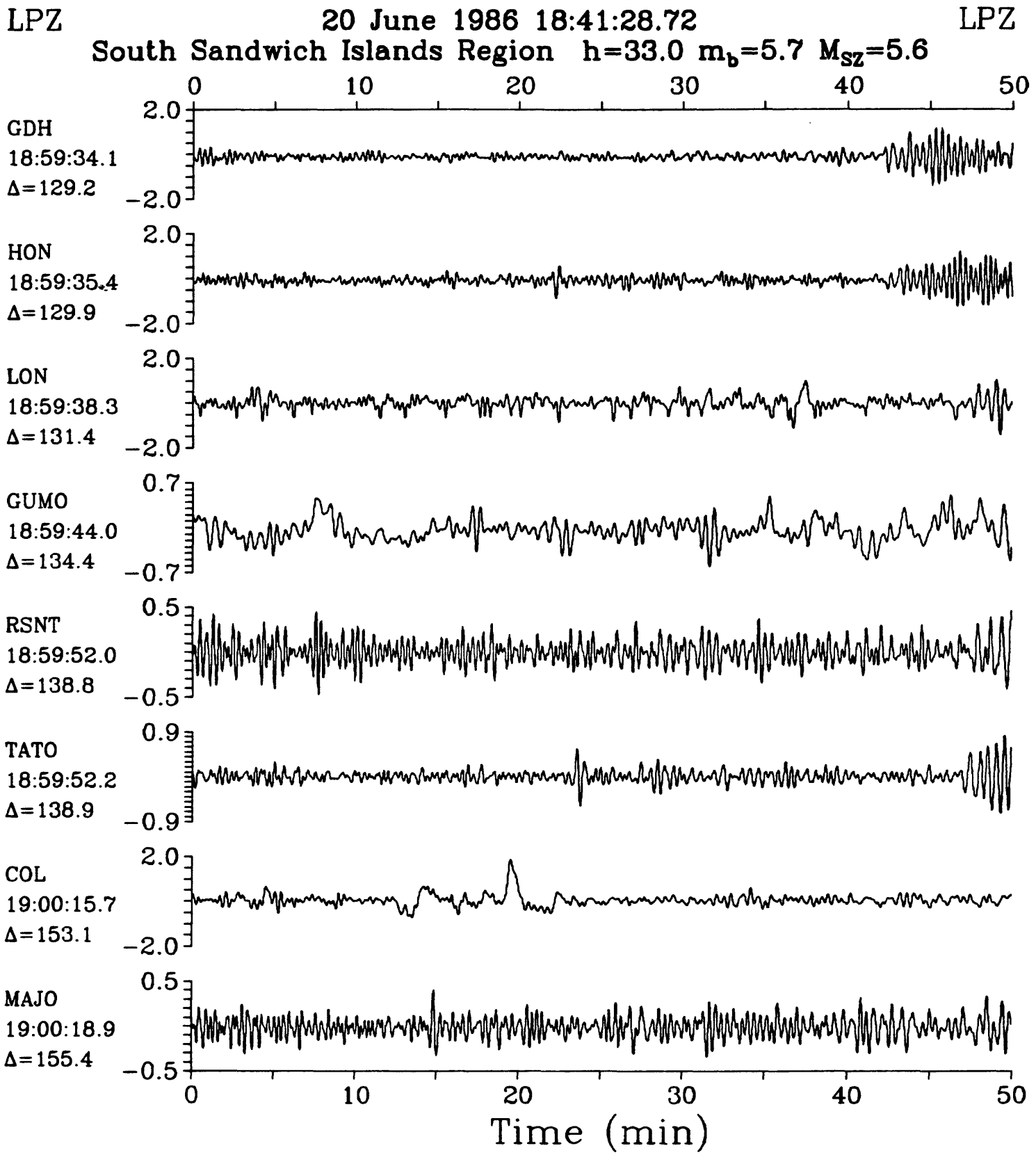
SPZ 20 June 1986 18:41:28.72 SPZ

South Sandwich Islands Region h=33.0 m_b=5.7 M_{SZ}=5.6



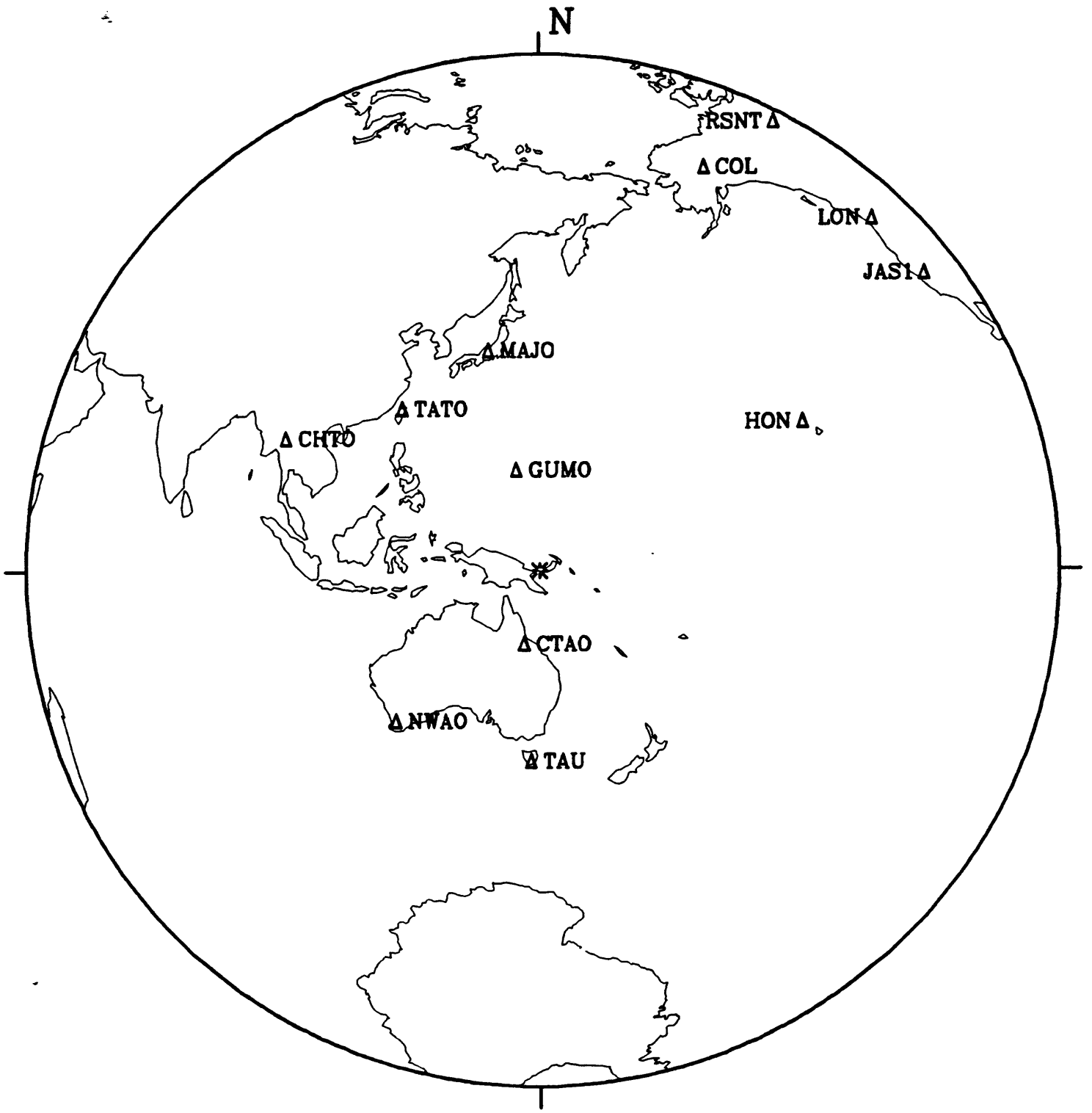

LPZ
20 June 1986 18:41:28.72
LPZ
South Sandwich Islands Region h=33.0 m_b=5.7 M_{SZ}=5.6
0
10
20
30
40
50
SLR
18:49:16.0
Δ= 49.4
7.0
-7.0
ZOBO
18:49:41.4
Δ= 52.8
3.0
-3.0
BCAO
18:51:48.1
Δ= 71.7
4.0
-4.0
BOCO
18:52:01.8
Δ= 74.1
3.0
-3.0
TAU
18:52:28.0
Δ= 78.7
6.0
-6.0
NWAO
18:52:54.0
Δ= 83.6
3.0
-3.0
TOL
18:58:38.5
Δ= 99.6
2.0
-2.0
CTAO
18:58:41.5
Δ=101.3
5.0
-5.0
RSCP
18:58:51.0
Δ=106.5
2.0
-2.0
ANTO
18:58:56.0
Δ=109.2
2.0
-2.0
0
10
20
30
40
50
Time (min)


LPZ
20 June 1986 18:41:28.72
LPZ
South Sandwich Islands Region h=33.0 m_b=5.7 M_{SZ}=5.6
0
10
20
30
40
50
RSNY
18:58:58.7
Δ=110.6
2.0
-2.0
GRFO
18:59:01.2
Δ=111.9
0.9
-0.9
GAC
18:59:01.3
Δ=111.9
140.0
-140.0
ANMO
18:59:07.0
Δ=114.9
2.0
-2.0
KONO
18:59:18.5
Δ=121.0
0.7
-0.7
RSSD
18:59:19.1
Δ=121.3
2.0
-2.0
NRAO
18:59:21.1
Δ=122.3
2.0
-2.0
RSON
18:59:21.5
Δ=122.6
2.0
-2.0
CHTO
18:59:23.1
Δ=123.4
3.0
-3.0
JAS1
18:59:24.4
Δ=124.1
4.0
-4.0
0
10
20
30
40
50
Time (min)
1149


LPZ
20 June 1986 18:41:28.72
LPZ
South Sandwich Islands Region h=33.0 m_b=5.7 M_{SZ}=5.6
0
10
20
30
40
50
GDH
18:59:34.1
Δ=129.2
2.0
-2.0
HON
18:59:35.4
Δ=129.9
2.0
-2.0
LON
18:59:38.3
Δ=131.4
2.0
-2.0
GUMO
18:59:44.0
Δ=134.4
0.7
-0.7
RSNT
18:59:52.0
Δ=138.8
0.5
-0.5
TATO
18:59:52.2
Δ=138.9
0.9
-0.9
COL
19:00:15.7
Δ=153.1
2.0
-2.0
MAJO
19:00:18.9
Δ=155.4
0.5
-0.5
0
10
20
30
40
50
Time (min)

23 June 1986 20:35:20.07

New Britain Region

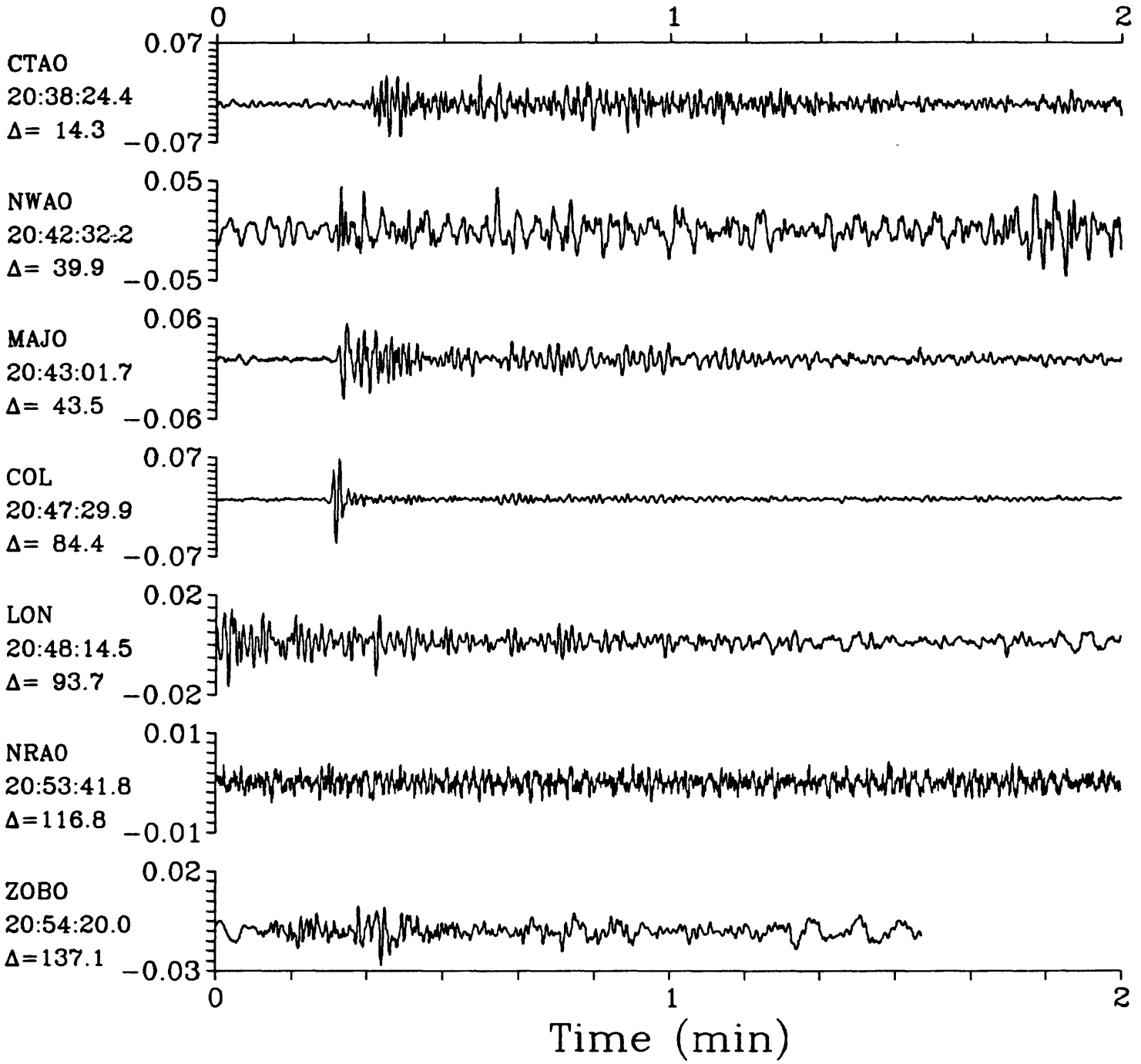


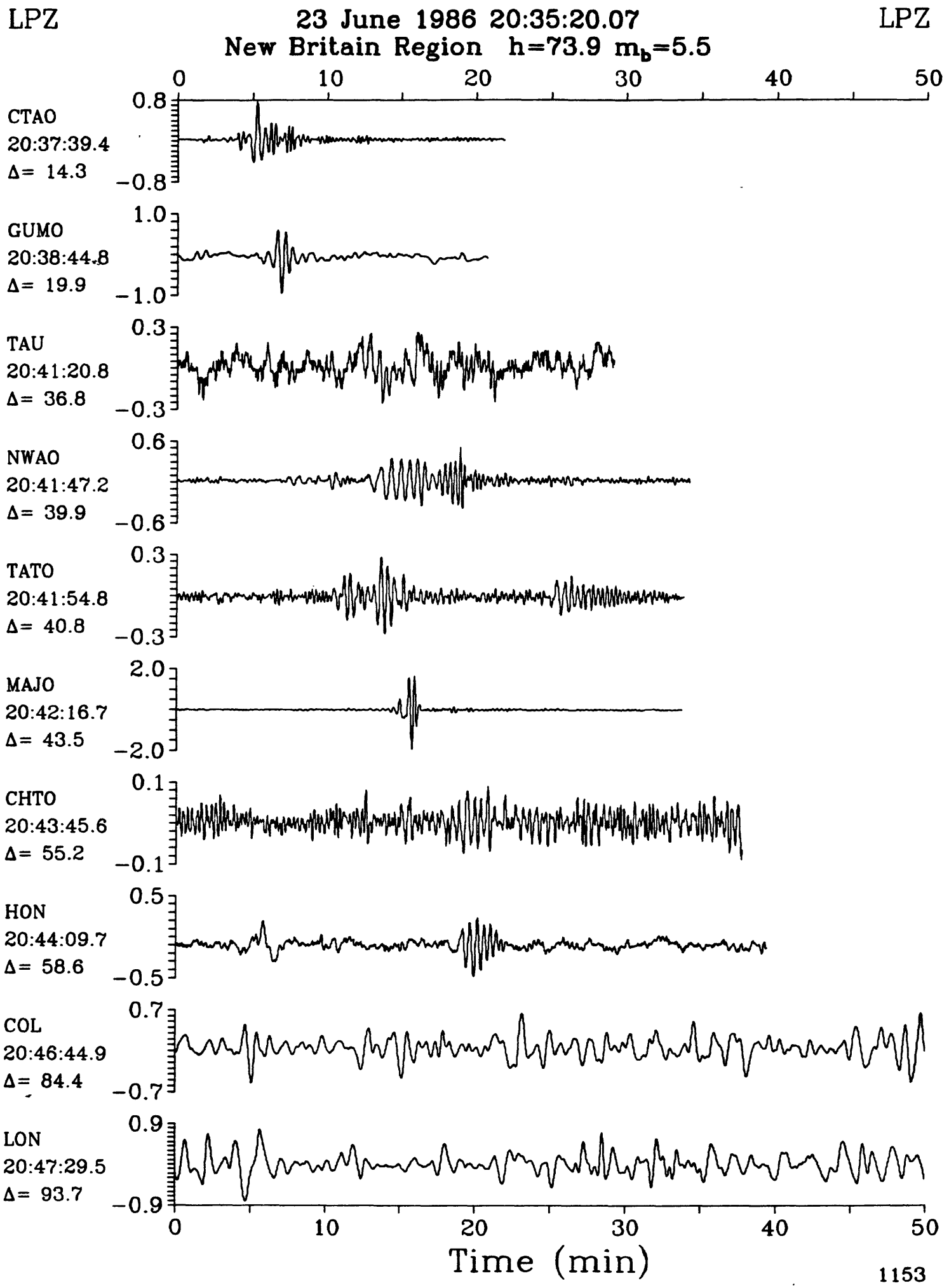
SPZ

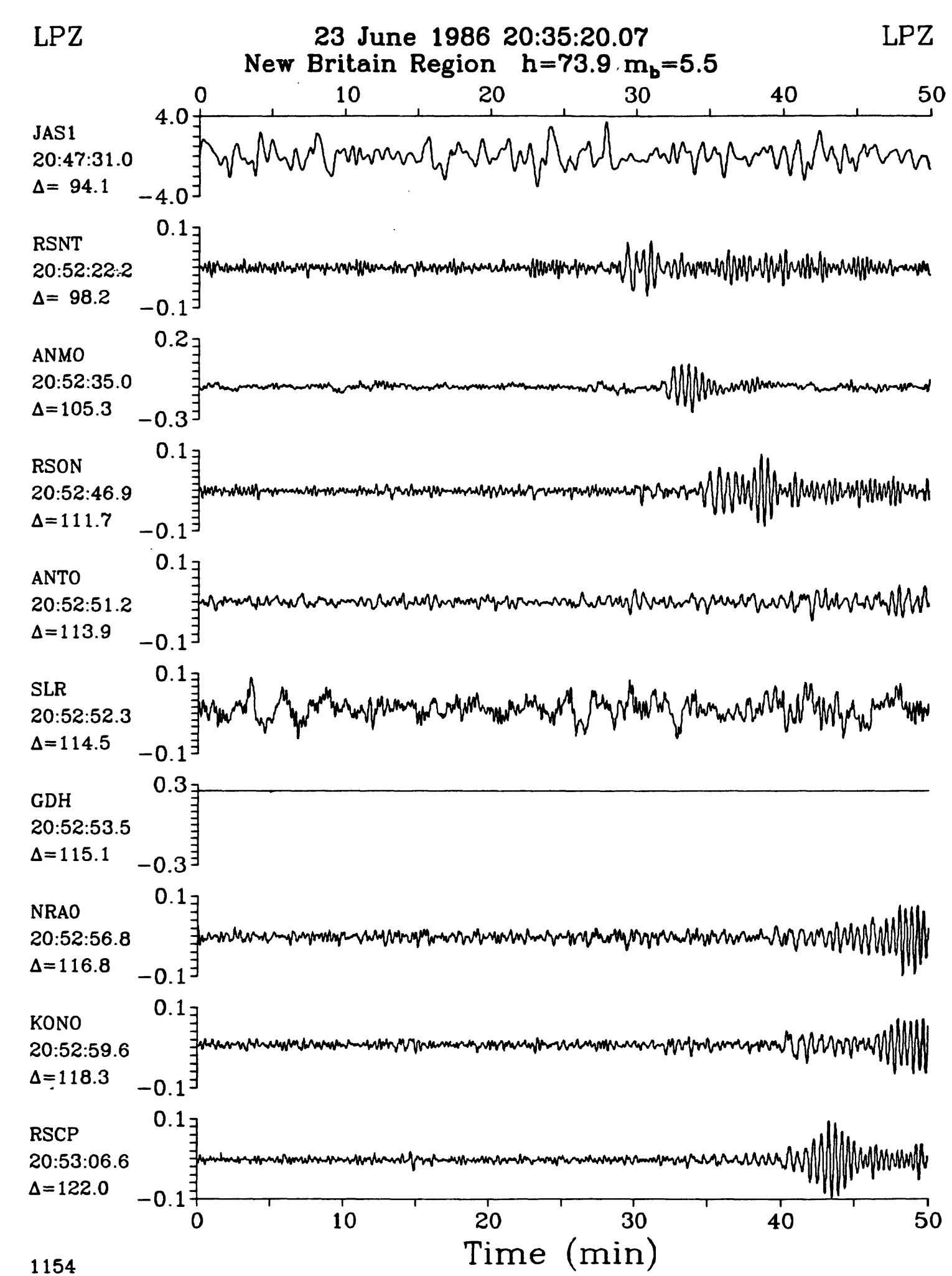
23 June 1986 20:35:20.07

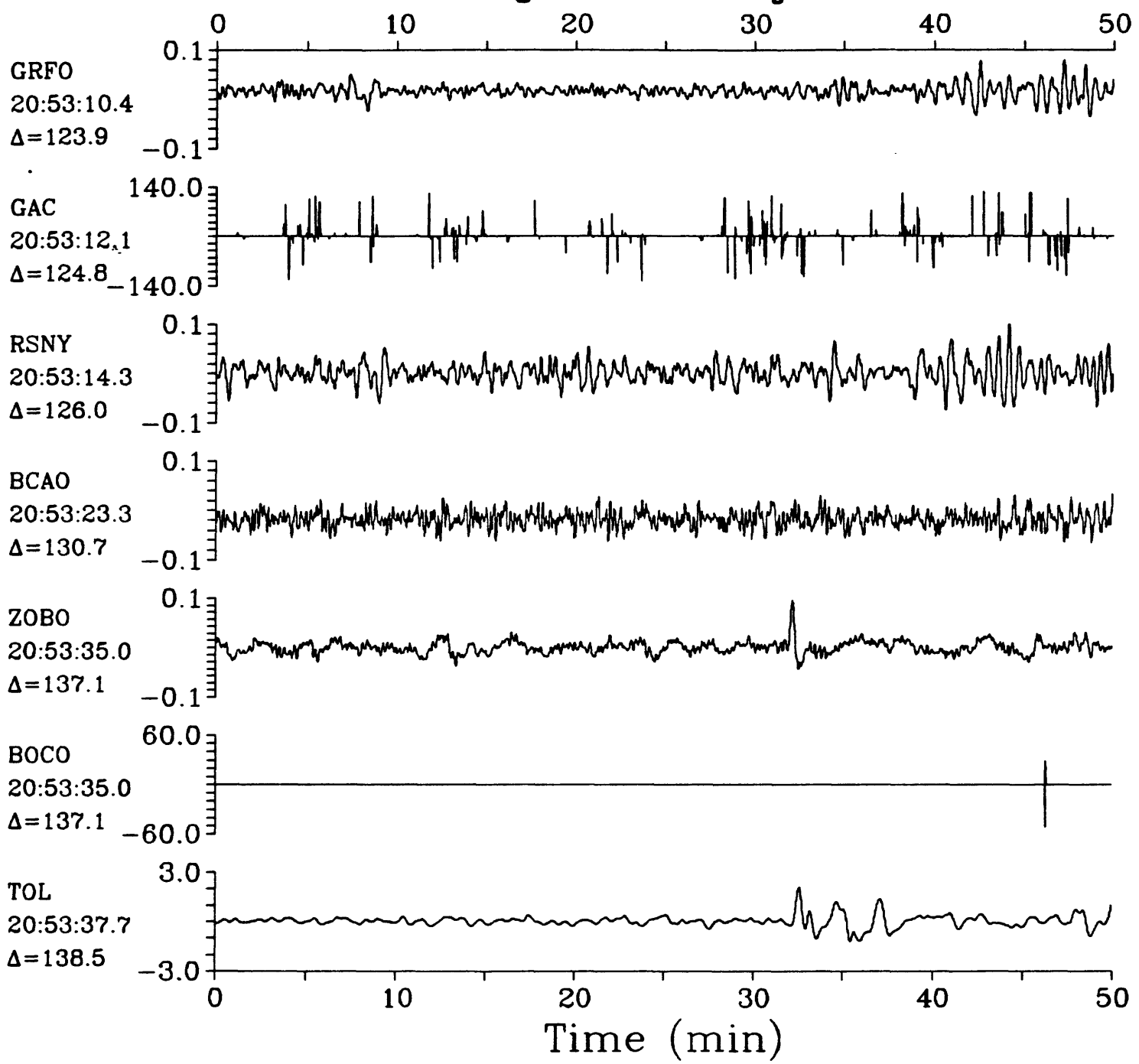
SPZ

New Britain Region h=73.9 m_b=5.5



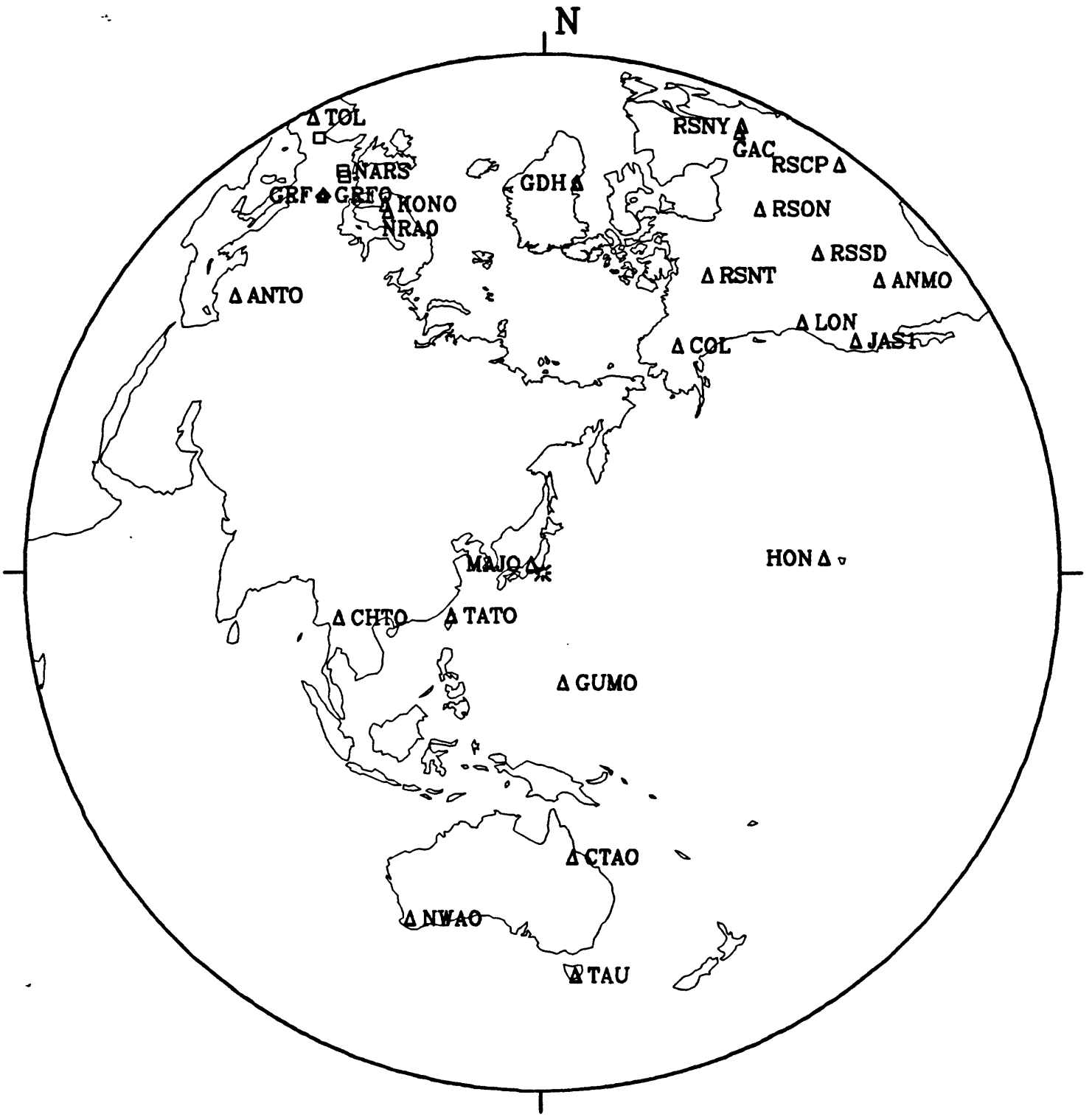

LPZ
23 June 1986 20:35:20.07
New Britain Region h=73.9 m_b=5.5
LPZ
0
10
20
30
40
50
CTAO
20:37:39.4
Δ= 14.3
0.8
-0.8
GUMO
20:38:44.8
Δ= 19.9
1.0
-1.0
TAU
20:41:20.8
Δ= 36.8
0.3
-0.3
NWAO
20:41:47.2
Δ= 39.9
0.6
-0.6
TATO
20:41:54.8
Δ= 40.8
0.3
-0.3
MAJO
20:42:16.7
Δ= 43.5
2.0
-2.0
CHTO
20:43:45.6
Δ= 55.2
0.1
-0.1
HON
20:44:09.7
Δ= 58.6
0.5
-0.5
COL
20:46:44.9
Δ= 84.4
0.7
-0.7
LON
20:47:29.5
Δ= 93.7
0.9
-0.9
0
10
20
30
40
50
Time (min)
1153

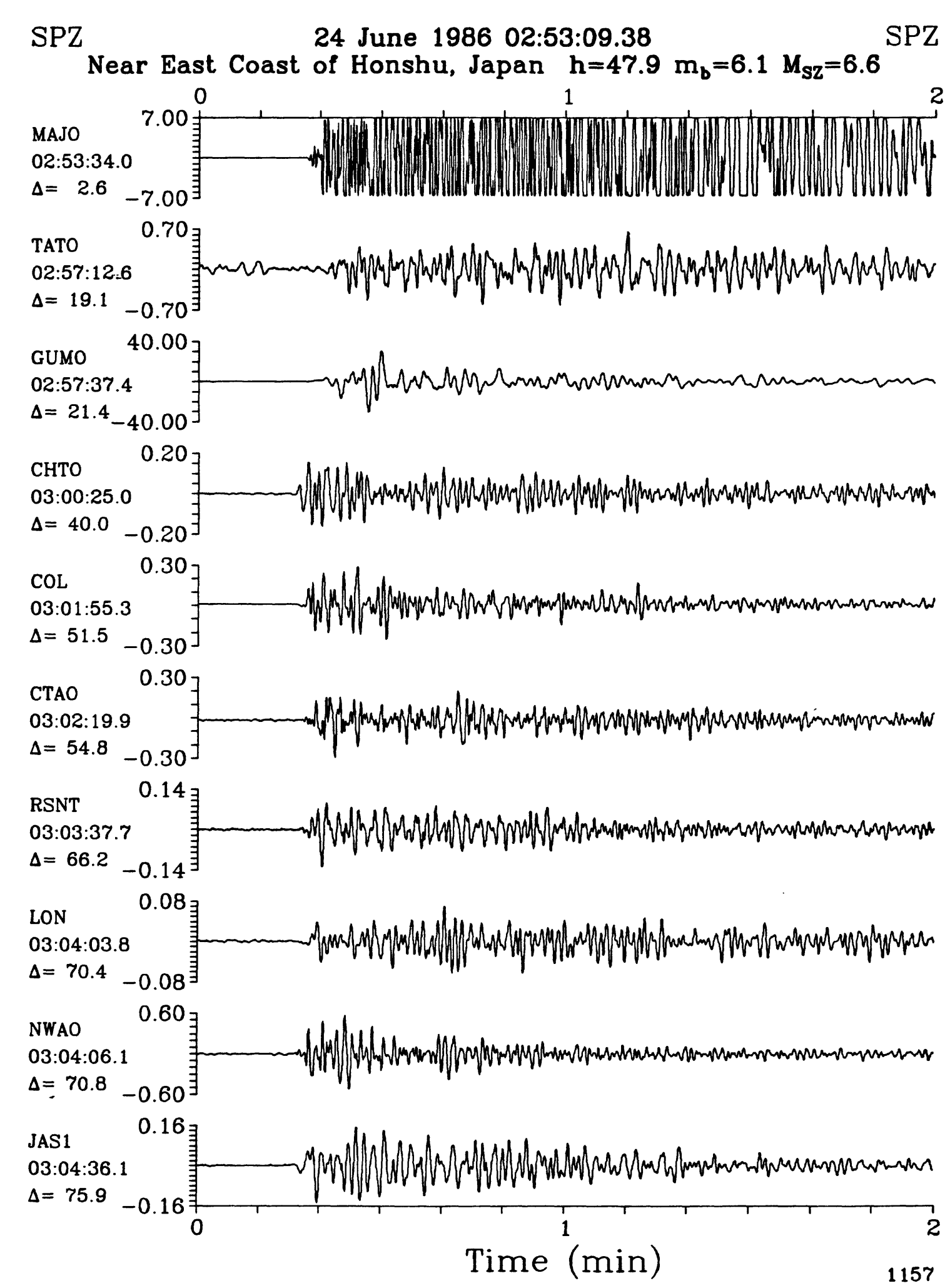

LPZ
23 June 1986 20:35:20.07
New Britain Region h=73.9 m_b=5.5
LPZ
0
10
20
30
40
50
JAS1
20:47:31.0
Δ= 94.1
4.0
-4.0
RSNT
20:52:22.2
Δ= 98.2
0.1
-0.1
ANMO
20:52:35.0
Δ=105.3
0.2
-0.3
RSON
20:52:46.9
Δ=111.7
0.1
-0.1
ANTO
20:52:51.2
Δ=113.9
0.1
-0.1
SLR
20:52:52.3
Δ=114.5
0.1
-0.1
GDH
20:52:53.5
Δ=115.1
0.3
-0.3
NRAO
20:52:56.8
Δ=116.8
0.1
-0.1
KONO
20:52:59.6
Δ=118.3
0.1
-0.1
RSCP
20:53:06.6
Δ=122.0
0.1
-0.1
0
10
20
30
40
50
Time (min)
1154

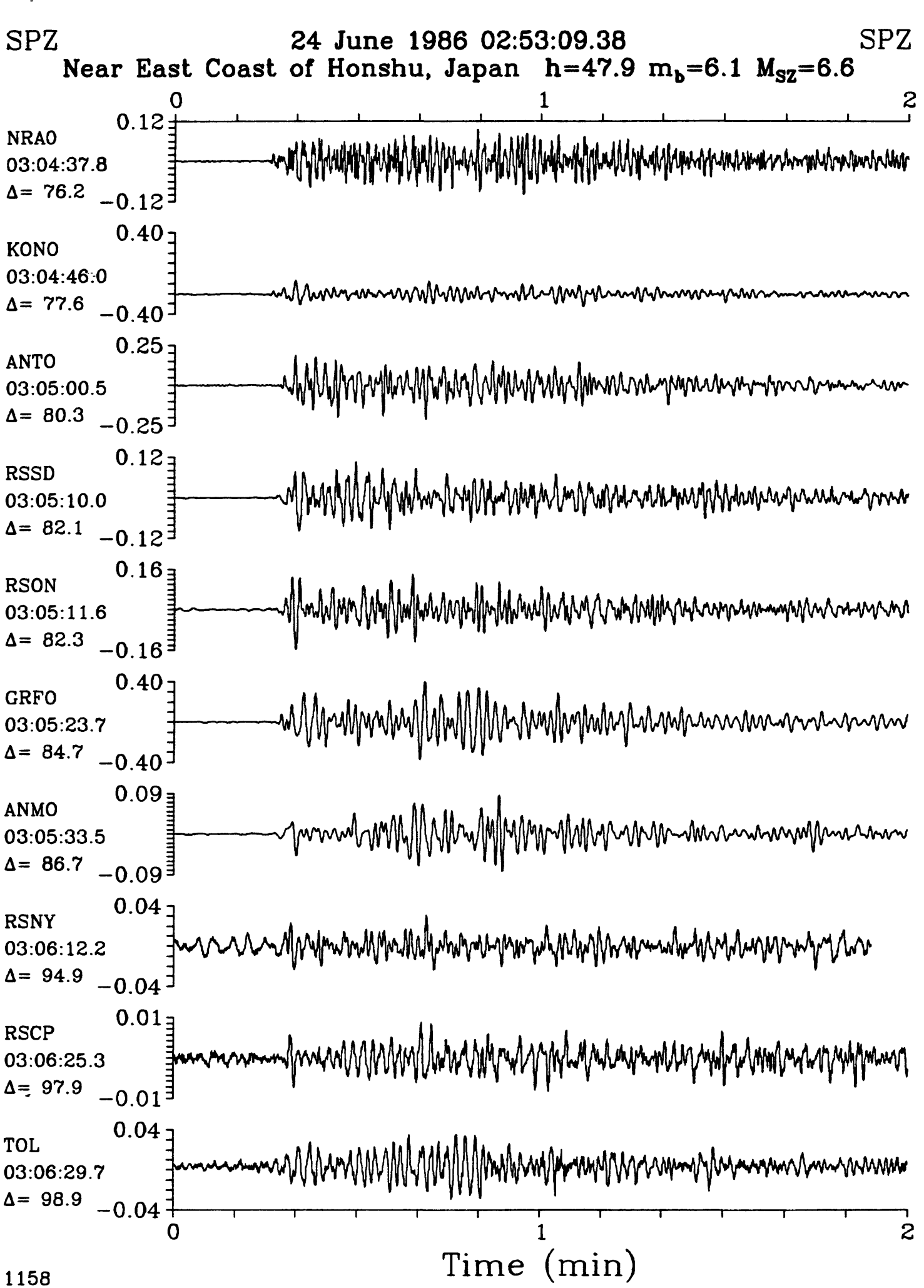

23 June 1986 20:35:20.07
New Britain Region h=73.9 m_b=5.5
0
10
20
30
40
50
GRFO
20:53:10.4
Δ=123.9
0.1
−0.1
GAC
20:53:12.1
Δ=124.8
140.0
−140.0
RSNY
20:53:14.3
Δ=126.0
0.1
−0.1
BCAO
20:53:23.3
Δ=130.7
0.1
−0.1
ZOBO
20:53:35.0
Δ=137.1
0.1
−0.1
BOCO
20:53:35.0
Δ=137.1
60.0
−60.0
TOL
20:53:37.7
Δ=138.5
3.0
−3.0
0
10
20
30
40
50
Time (min)

24 June 1986 02:53:09.38

Near East Coast of Honshu, Japan

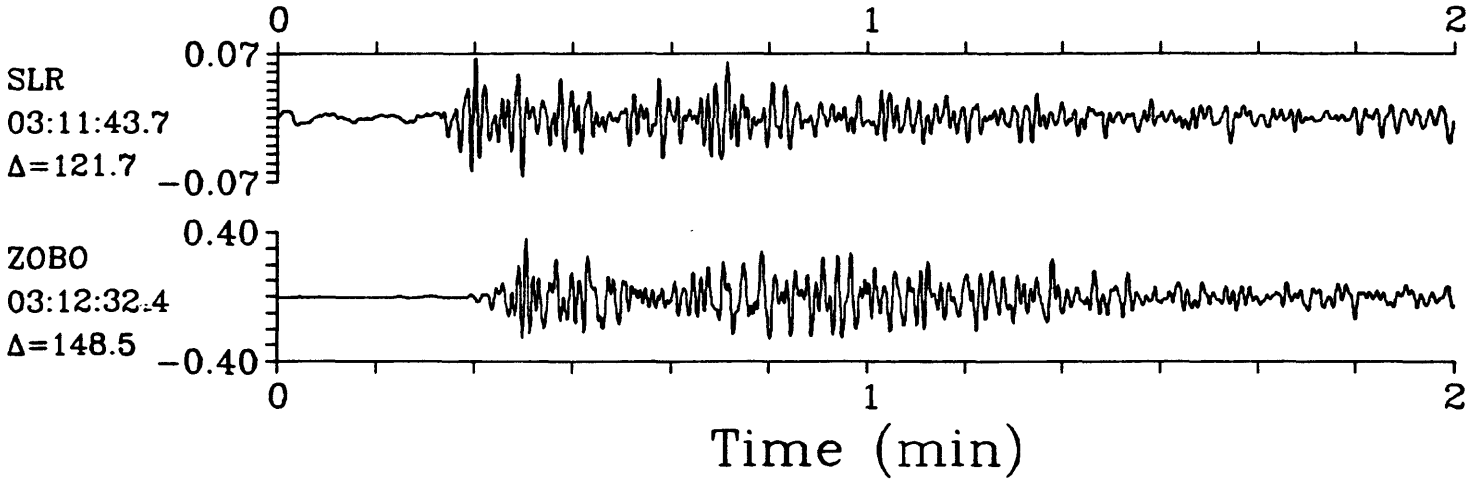



SPZ
24 June 1986 02:53:09.38
SPZ
Near East Coast of Honshu, Japan h=47.9 m_b=6.1 M_{SZ}=6.6
0
1
2
MAJO
02:53:34.0
Δ= 2.6
7.00
-7.00
TATO
02:57:12.6
Δ= 19.1
0.70
-0.70
GUMO
02:57:37.4
Δ= 21.4
40.00
-40.00
CHTO
03:00:25.0
Δ= 40.0
0.20
-0.20
COL
03:01:55.3
Δ= 51.5
0.30
-0.30
CTAO
03:02:19.9
Δ= 54.8
0.30
-0.30
RSNT
03:03:37.7
Δ= 66.2
0.14
-0.14
LON
03:04:03.8
Δ= 70.4
0.08
-0.08
NWAO
03:04:06.1
Δ= 70.8
0.60
-0.60
JAS1
03:04:36.1
Δ= 75.9
0.16
-0.16
0
1
2
Time (min)
1157

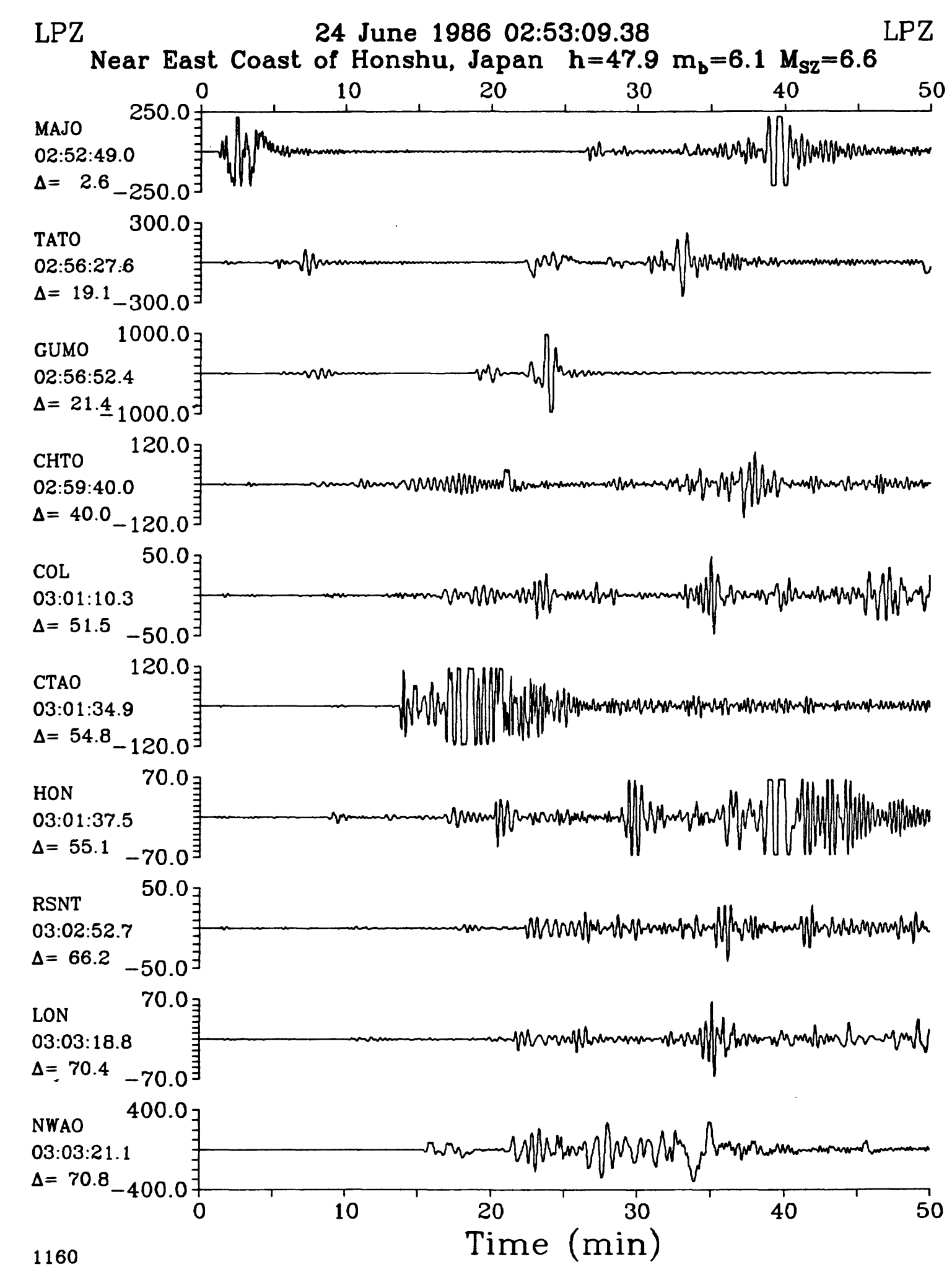

SPZ
24 June 1986 02:53:09.38
SPZ
Near East Coast of Honshu, Japan h=47.9 m_b=6.1 M_{SZ}=6.6
0
1
2
NRAO
03:04:37.8
Δ= 76.2
0.12
-0.12
KONO
03:04:46.0
Δ= 77.6
0.40
-0.40
ANTO
03:05:00.5
Δ= 80.3
0.25
-0.25
RSSD
03:05:10.0
Δ= 82.1
0.12
-0.12
RSON
03:05:11.6
Δ= 82.3
0.16
-0.16
GRFO
03:05:23.7
Δ= 84.7
0.40
-0.40
ANMO
03:05:33.5
Δ= 86.7
0.09
-0.09
RSNY
03:06:12.2
Δ= 94.9
0.04
-0.04
RSCP
03:06:25.3
Δ= 97.9
0.01
-0.01
TOL
03:06:29.7
Δ= 98.9
0.04
-0.04
0
1
2
Time (min)

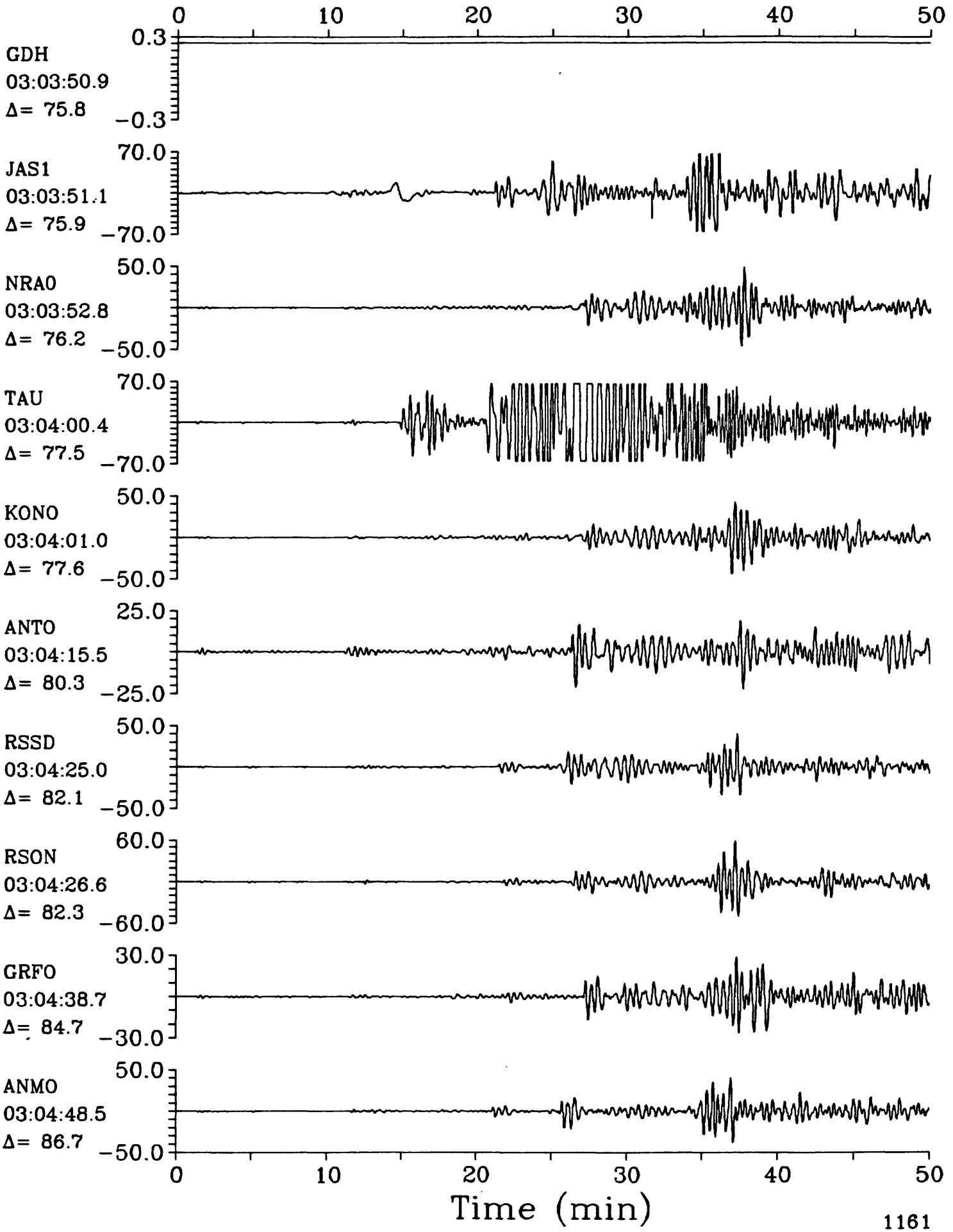
SPZ 24 June 1986 02:53:09.38 SPZ

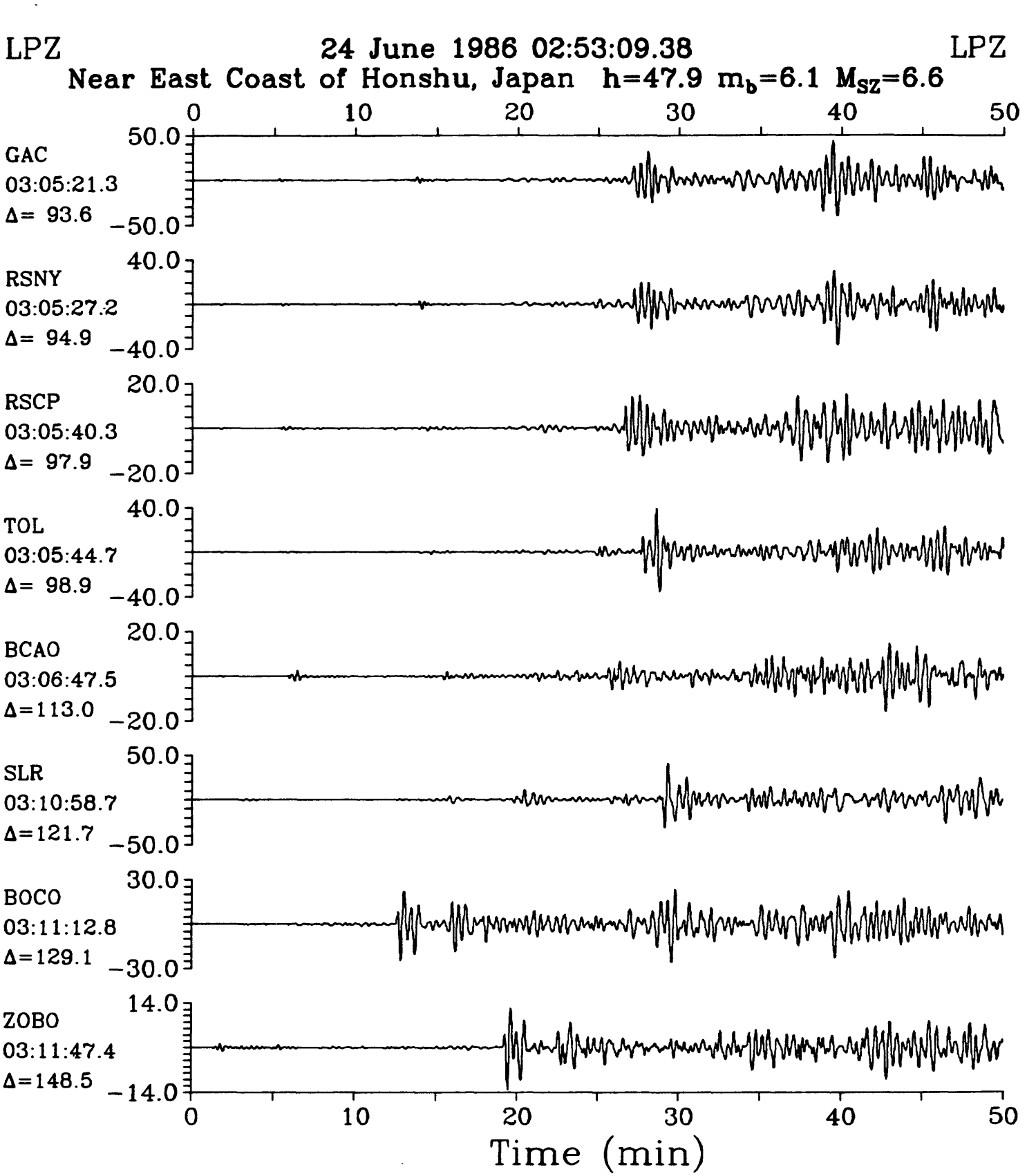
Near East Coast of Honshu, Japan h=47.9 m_b=6.1 M_{SZ}=6.6

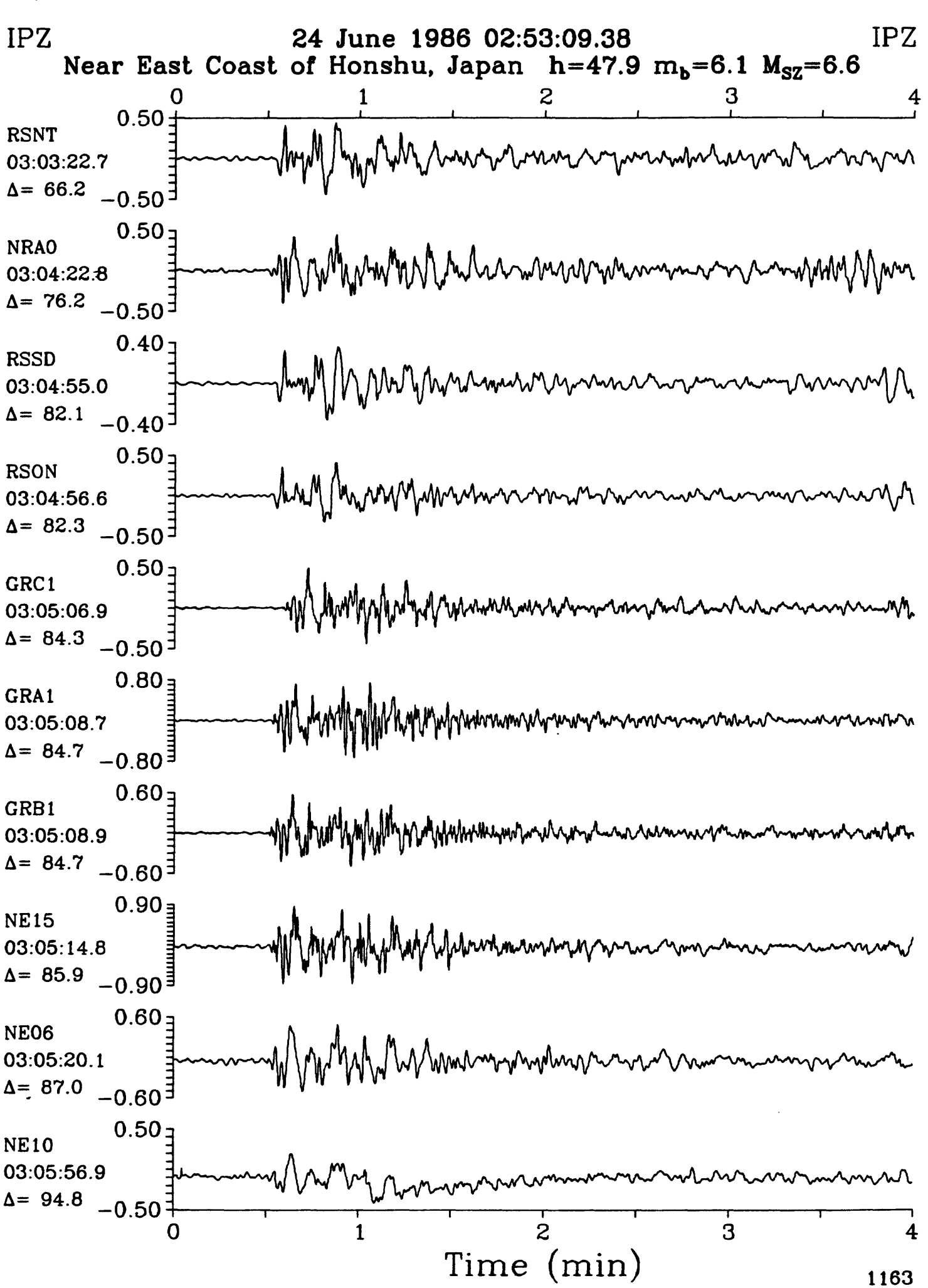


Time (min)


LPZ
24 June 1986 02:53:09.38
LPZ
Near East Coast of Honshu, Japan h=47.9 m_b=6.1 M_{SZ}=6.6
0
10
20
30
40
50
MAJO
02:52:49.0
Δ= 2.6
250.0
-250.0
TATO
02:56:27.6
Δ= 19.1
300.0
-300.0
GUMO
02:56:52.4
Δ= 21.4
1000.0
-1000.0
CHTO
02:59:40.0
Δ= 40.0
120.0
-120.0
COL
03:01:10.3
Δ= 51.5
50.0
-50.0
CTAO
03:01:34.9
Δ= 54.8
120.0
-120.0
HON
03:01:37.5
Δ= 55.1
70.0
-70.0
RSNT
03:02:52.7
Δ= 66.2
50.0
-50.0
LON
03:03:18.8
Δ= 70.4
70.0
-70.0
NWAO
03:03:21.1
Δ= 70.8
400.0
-400.0
0
10
20
30
40
50
Time (min)
1160

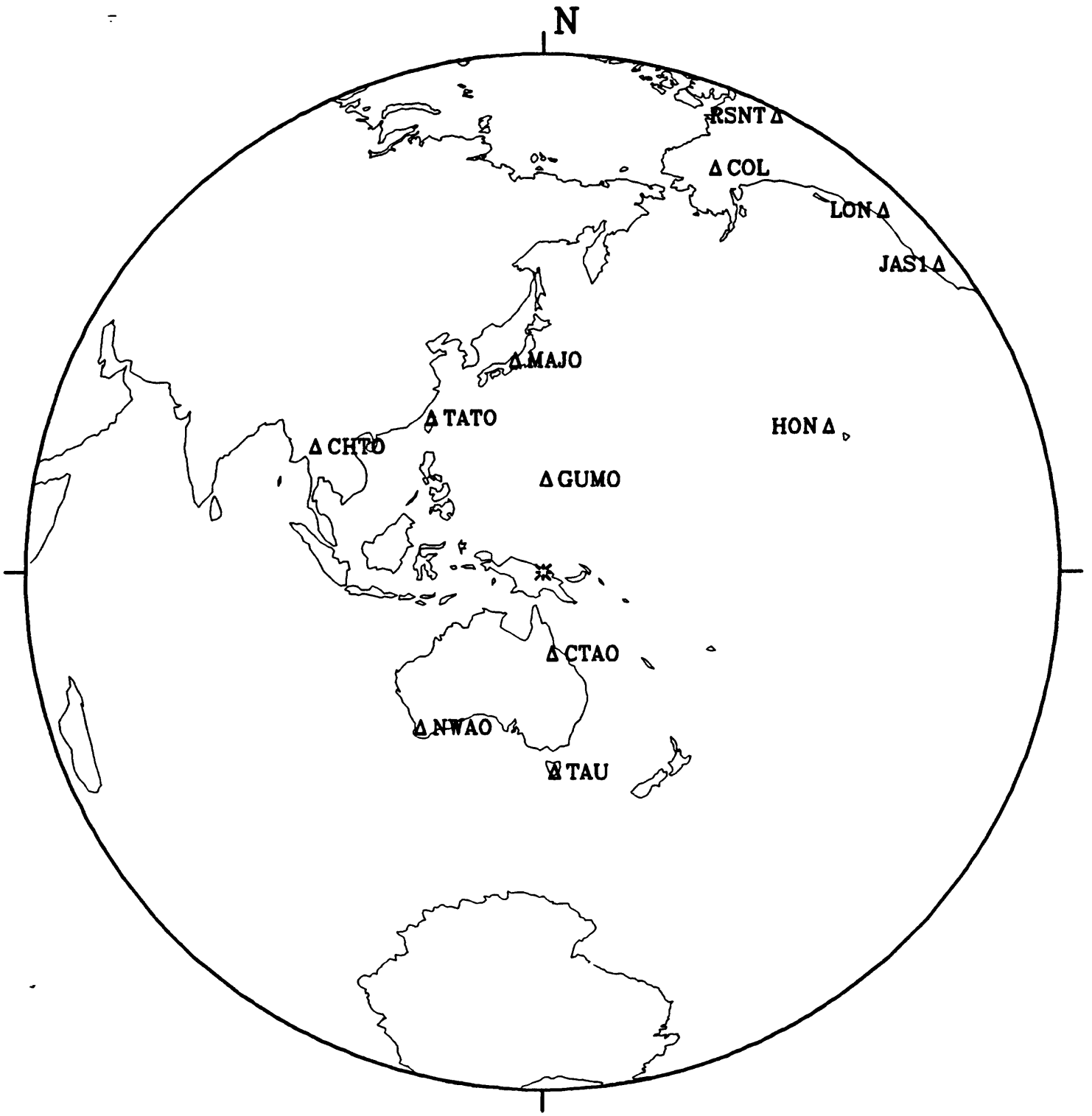

LPZ
24 June 1986 02:53:09.38
LPZ
Near East Coast of Honshu, Japan h=47.9 m_b=6.1 M_{SZ}=6.6
0
10
20
30
40
50
0.3
GDH
03:03:50.9
Δ= 75.8
-0.3
70.0
JAS1
03:03:51.1
Δ= 75.9
-70.0
50.0
NRA0
03:03:52.8
Δ= 76.2
-50.0
70.0
TAU
03:04:00.4
Δ= 77.5
-70.0
50.0
KONO
03:04:01.0
Δ= 77.6
-50.0
25.0
ANTO
03:04:15.5
Δ= 80.3
-25.0
50.0
RSSD
03:04:25.0
Δ= 82.1
-50.0
60.0
RSON
03:04:26.6
Δ= 82.3
-60.0
30.0
GRFO
03:04:38.7
Δ= 84.7
-30.0
50.0
ANMO
03:04:48.5
Δ= 86.7
-50.0
0
10
20
30
40
50
Time (min)
1161

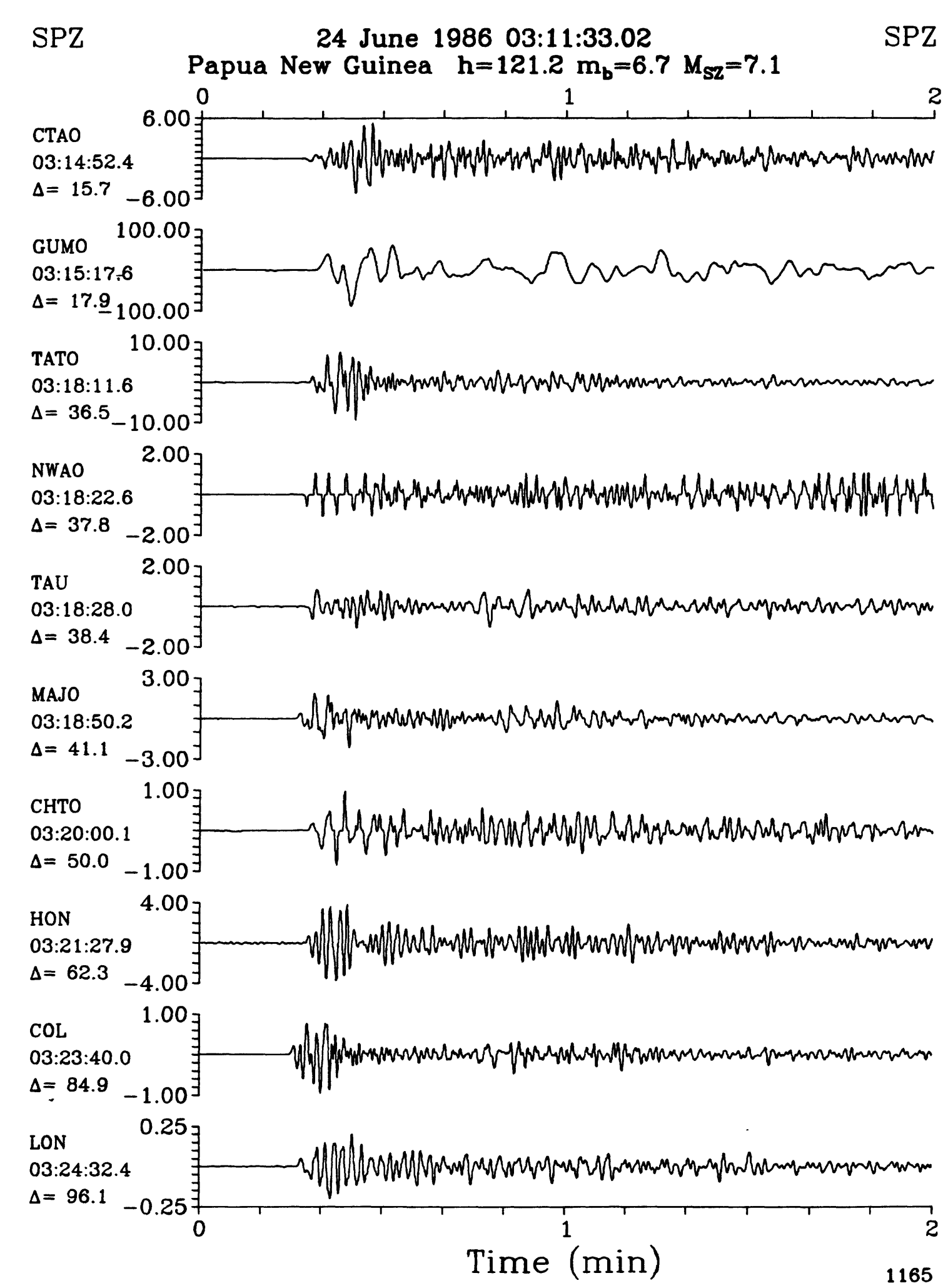

LPZ
24 June 1986 02:53:09.38
LPZ
Near East Coast of Honshu, Japan h=47.9 m_b=6.1 M_{SZ}=6.6
0
10
20
30
40
50
GAC
03:05:21.3
Δ= 93.6
50.0
-50.0
RSNY
03:05:27.2
Δ= 94.9
40.0
-40.0
RSCP
03:05:40.3
Δ= 97.9
20.0
-20.0
TOL
03:05:44.7
Δ= 98.9
40.0
-40.0
BCAO
03:06:47.5
Δ=113.0
20.0
-20.0
SLR
03:10:58.7
Δ=121.7
50.0
-50.0
BOCO
03:11:12.8
Δ=129.1
30.0
-30.0
ZOBO
03:11:47.4
Δ=148.5
14.0
-14.0
0
10
20
30
40
50
Time (min)

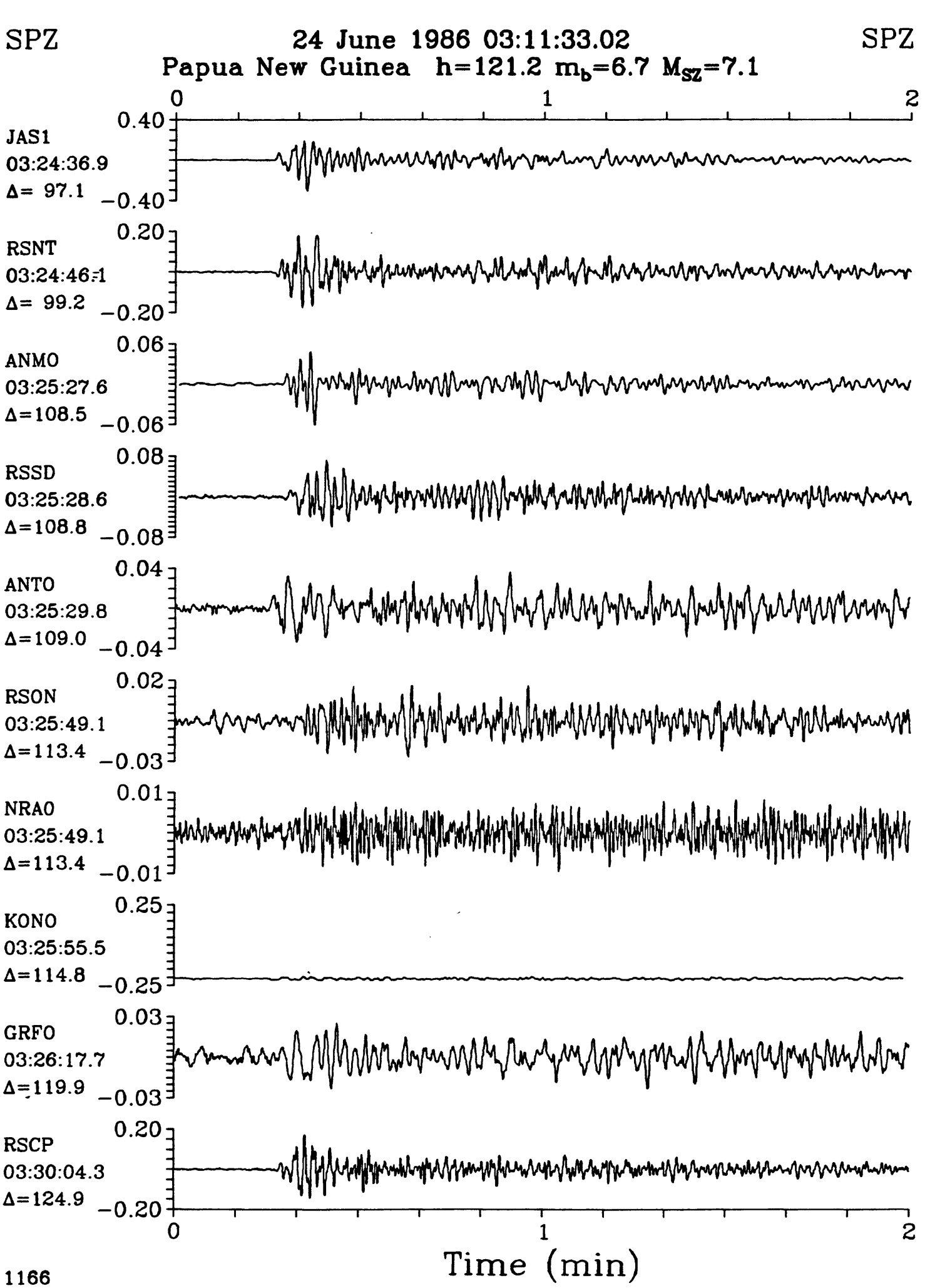

IPZ
24 June 1986 02:53:09.38
IPZ
Near East Coast of Honshu, Japan h=47.9 m_b=6.1 M_{SZ}=6.6
0
1
2
3
4
RSNT
03:03:22.7
Δ= 66.2
0.50
-0.50
NRA0
03:04:22.8
Δ= 76.2
0.50
-0.50
RSSD
03:04:55.0
Δ= 82.1
0.40
-0.40
RSON
03:04:56.6
Δ= 82.3
0.50
-0.50
GRC1
03:05:06.9
Δ= 84.3
0.50
-0.50
GRA1
03:05:08.7
Δ= 84.7
0.80
-0.80
GRB1
03:05:08.9
Δ= 84.7
0.60
-0.60
NE15
03:05:14.8
Δ= 85.9
0.90
-0.90
NE06
03:05:20.1
Δ= 87.0
0.60
-0.60
NE10
03:05:56.9
Δ= 94.8
0.50
-0.50
0
1
2
3
4
Time (min)
1163

24 June 1986 03:11:33.02

Papua New Guinea




SPZ
24 June 1986 03:11:33.02
Papua New Guinea h=121.2 m_b=6.7 M_{SZ}=7.1
SPZ
0
1
2
CTAO
03:14:52.4
Δ= 15.7
6.00
-6.00
GUMO
03:15:17.6
Δ= 17.9
100.00
-100.00
TATO
03:18:11.6
Δ= 36.5
10.00
-10.00
NWAO
03:18:22.6
Δ= 37.8
2.00
-2.00
TAU
03:18:28.0
Δ= 38.4
2.00
-2.00
MAJO
03:18:50.2
Δ= 41.1
3.00
-3.00
CHTO
03:20:00.1
Δ= 50.0
1.00
-1.00
HON
03:21:27.9
Δ= 62.3
4.00
-4.00
COL
03:23:40.0
Δ= 84.9
1.00
-1.00
LON
03:24:32.4
Δ= 96.1
0.25
-0.25
0
1
2
Time (min)
1165

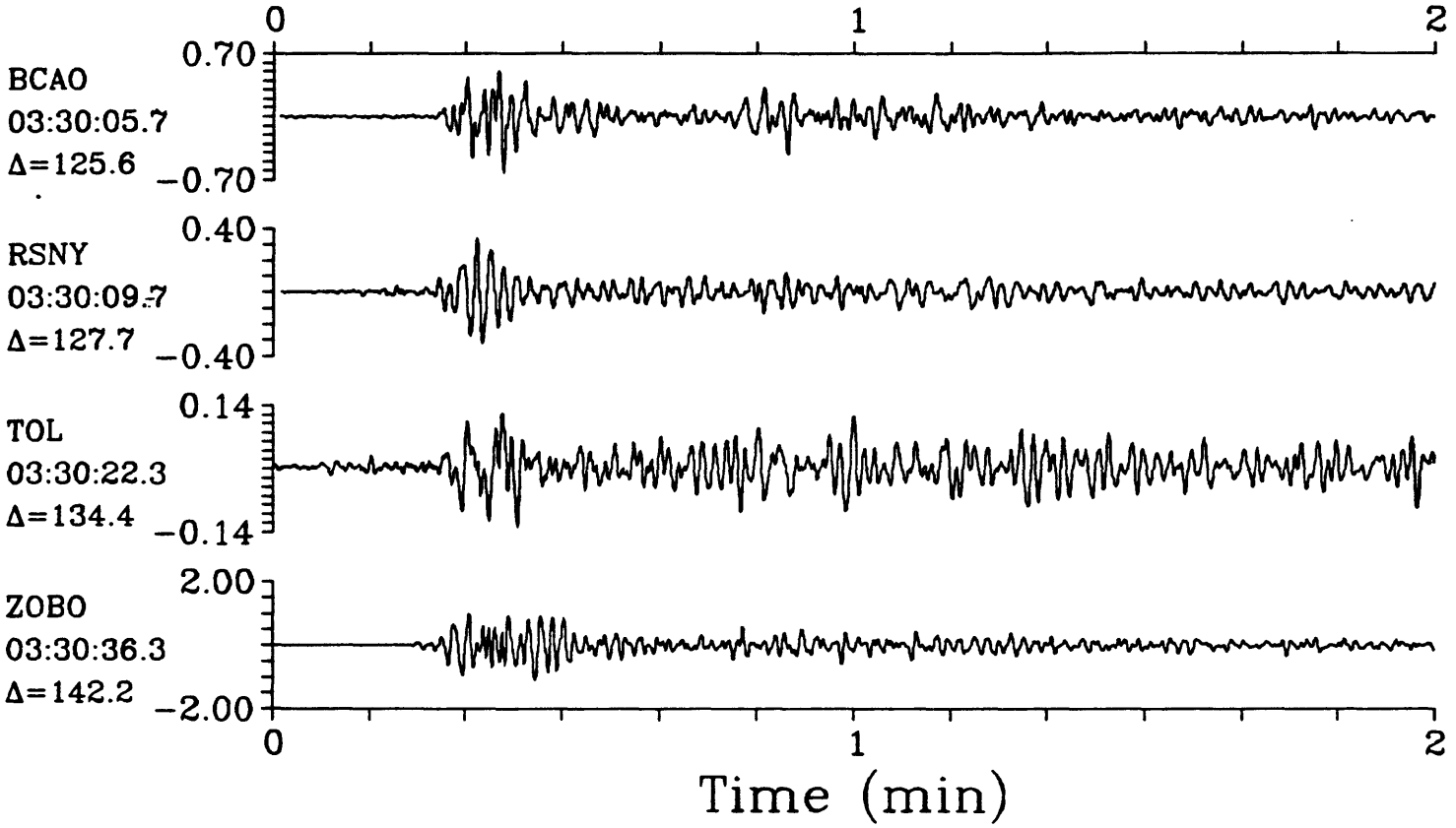

SPZ
24 June 1986 03:11:33.02
SPZ
Papua New Guinea h=121.2 m_b=6.7 M_{SZ}=7.1
0
1
2
0.40
JAS1
03:24:36.9
Δ= 97.1
−0.40
0.20
RSNT
03:24:46.1
Δ= 99.2
−0.20
0.06
ANMO
03:25:27.6
Δ=108.5
−0.06
0.08
RSSD
03:25:28.6
Δ=108.8
−0.08
0.04
ANTO
03:25:29.8
Δ=109.0
−0.04
0.02
RSON
03:25:49.1
Δ=113.4
−0.03
0.01
NRAO
03:25:49.1
Δ=113.4
−0.01
0.25
KONO
03:25:55.5
Δ=114.8
−0.25
0.03
GRFO
03:26:17.7
Δ=119.9
−0.03
0.20
RSCP
03:30:04.3
Δ=124.9
−0.20
0
1
2
Time (min)

SPZ

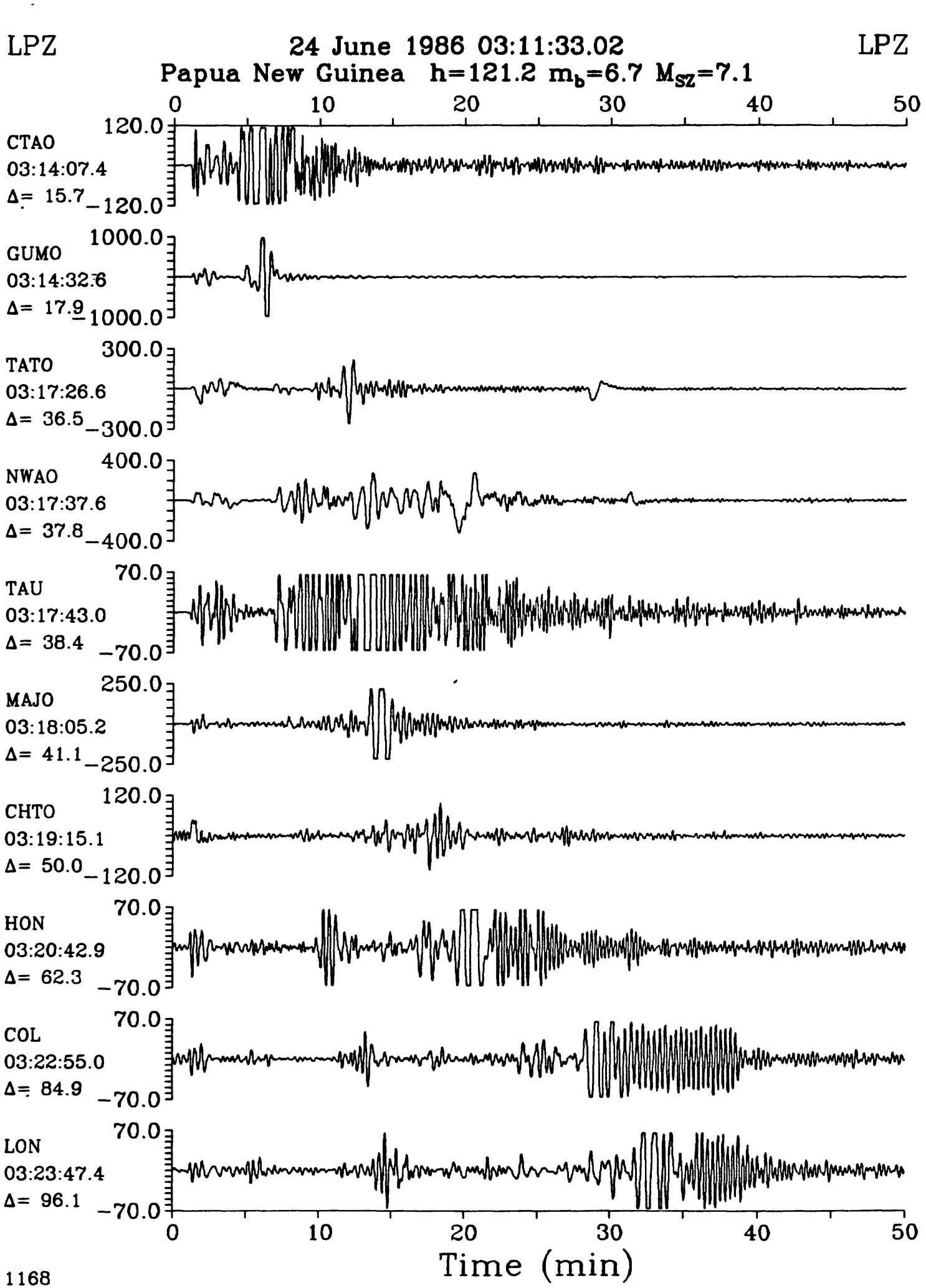
24 June 1986 03:11:33.02

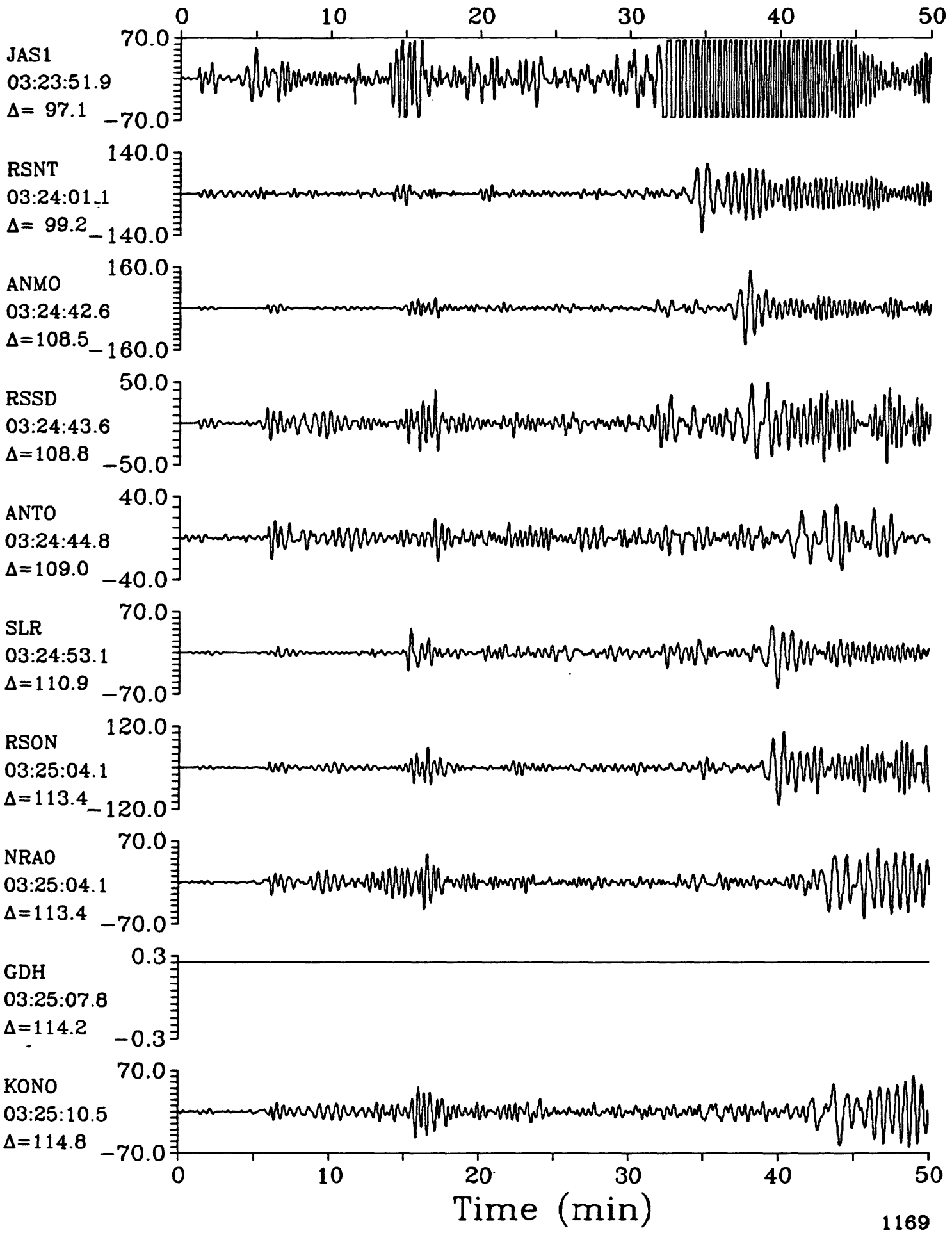
SPZ

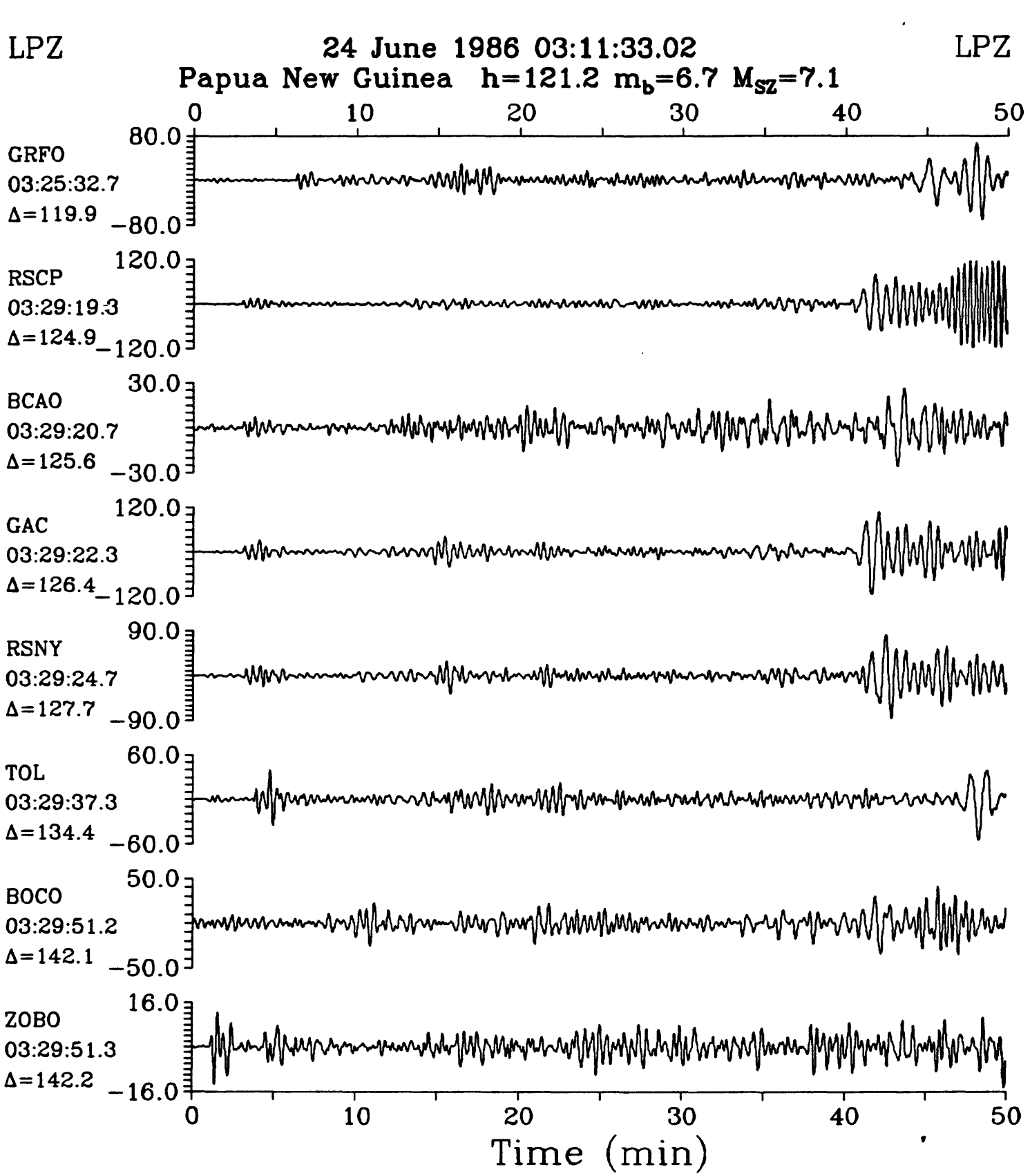
Papua New Guinea h=121.2 m_b=6.7 M_{SZ}=7.1

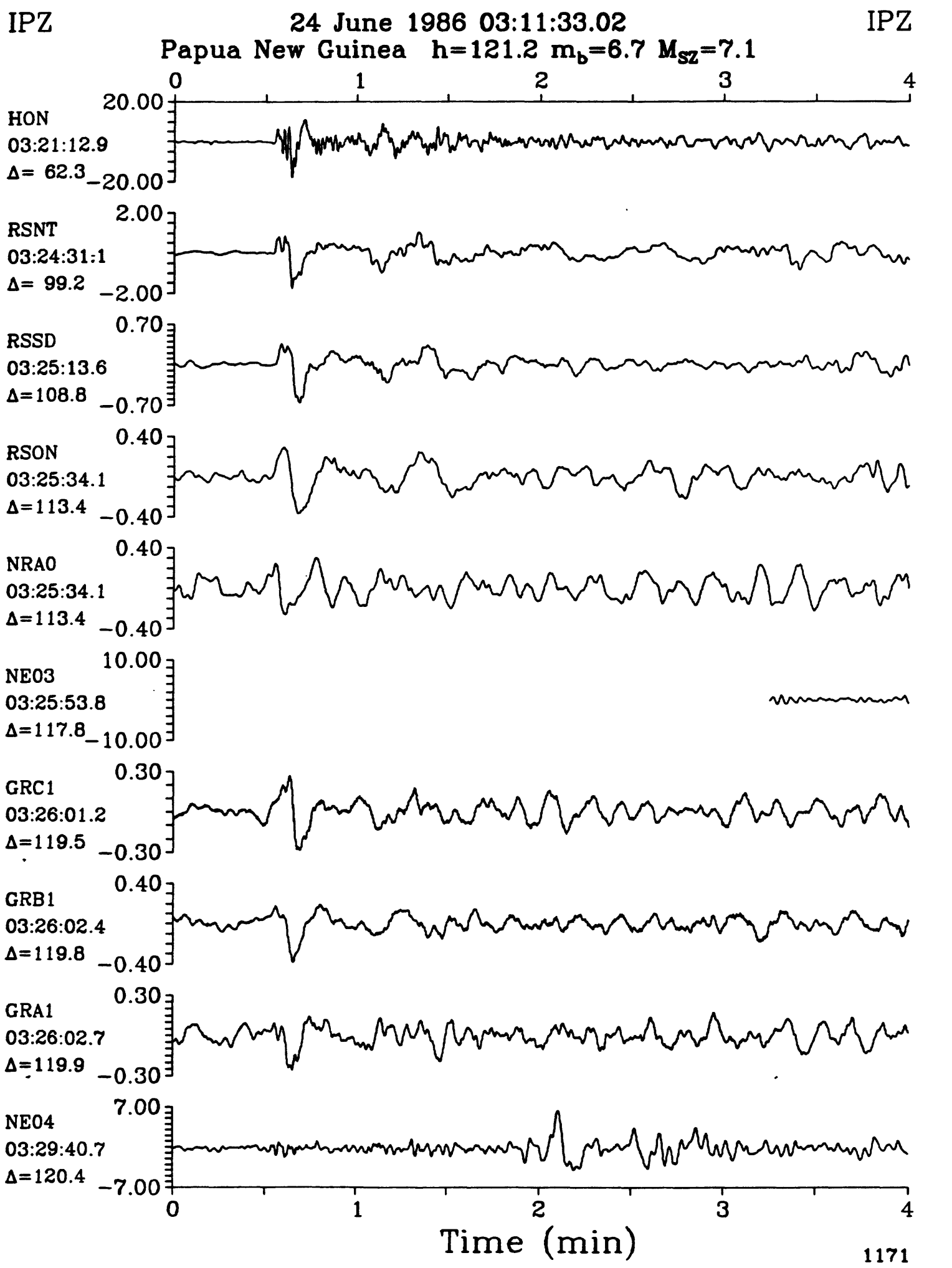


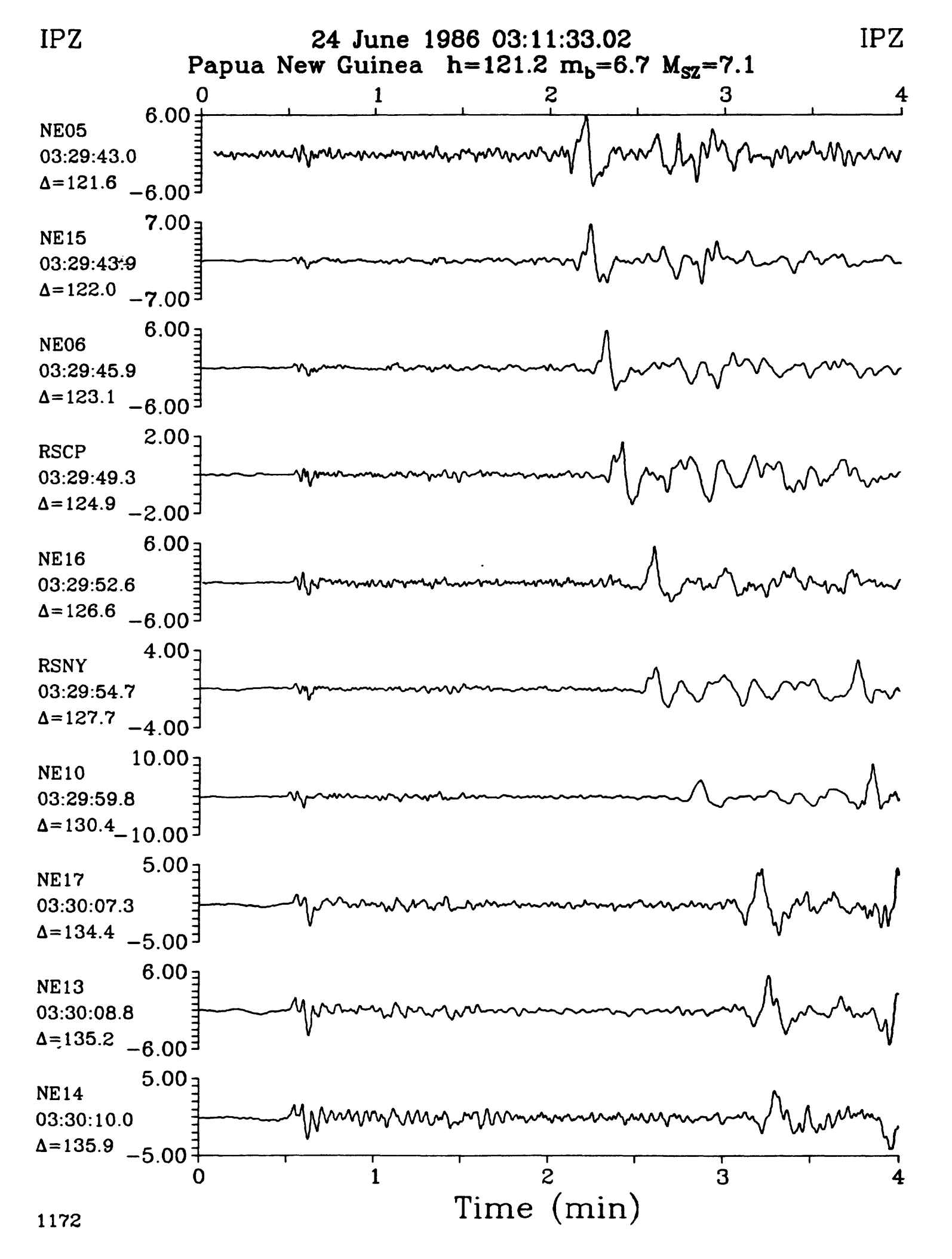
Time (min)


LPZ
24 June 1986 03:11:33.02
Papua New Guinea h=121.2 m_b=6.7 M_{SZ}=7.1
LPZ
0
10
20
30
40
50
CTAO
03:14:07.4
Δ= 15.7
120.0
-120.0
GUMO
03:14:32.6
Δ= 17.9
1000.0
-1000.0
TATO
03:17:26.6
Δ= 36.5
300.0
-300.0
NWAO
03:17:37.6
Δ= 37.8
400.0
-400.0
TAU
03:17:43.0
Δ= 38.4
70.0
-70.0
MAJO
03:18:05.2
Δ= 41.1
250.0
-250.0
CHTO
03:19:15.1
Δ= 50.0
120.0
-120.0
HON
03:20:42.9
Δ= 62.3
70.0
-70.0
COL
03:22:55.0
Δ= 84.9
70.0
-70.0
LON
03:23:47.4
Δ= 96.1
70.0
-70.0
0
10
20
30
40
50
Time (min)


LPZ
24 June 1986 03:11:33.02
LPZ
Papua New Guinea h=121.2 m_b=6.7 M_{SZ}=7.1
0
10
20
30
40
50
JAS1
03:23:51.9
Δ= 97.1
70.0
-70.0
RSNT
03:24:01.1
Δ= 99.2
140.0
-140.0
ANMO
03:24:42.6
Δ=108.5
160.0
-160.0
RSSD
03:24:43.6
Δ=108.8
50.0
-50.0
ANTO
03:24:44.8
Δ=109.0
40.0
-40.0
SLR
03:24:53.1
Δ=110.9
70.0
-70.0
RSON
03:25:04.1
Δ=113.4
120.0
-120.0
NRAO
03:25:04.1
Δ=113.4
70.0
-70.0
GDH
03:25:07.8
Δ=114.2
0.3
-0.3
KONO
03:25:10.5
Δ=114.8
70.0
-70.0
0
10
20
30
40
50
Time (min)
1169

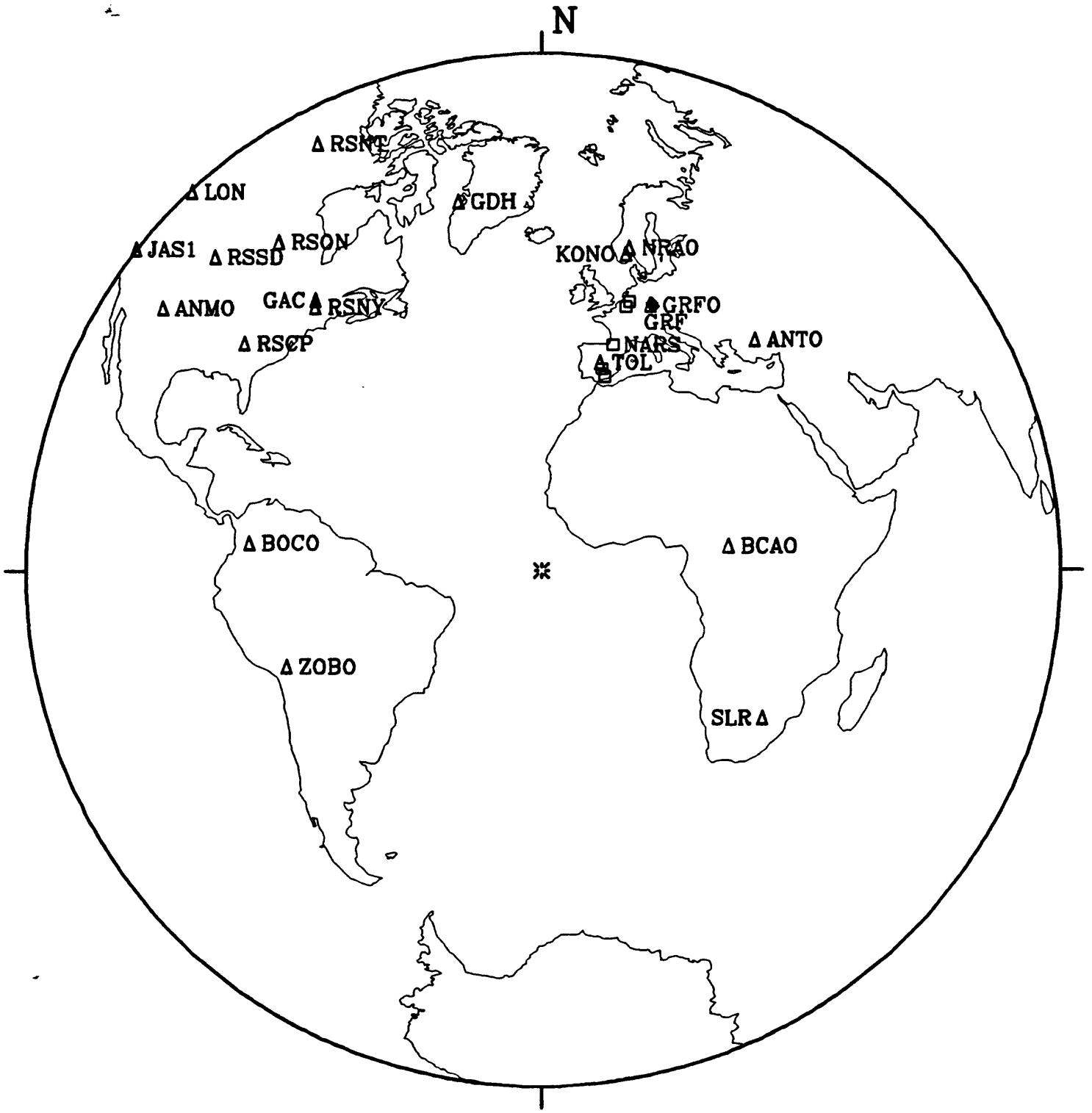

LPZ
24 June 1986 03:11:33.02
LPZ
Papua New Guinea h=121.2 m_b=6.7 M_{SZ}=7.1
0
10
20
30
40
50
GRFO
03:25:32.7
Δ=119.9
80.0
-80.0
RSCP
03:29:19.3
Δ=124.9
120.0
-120.0
BCAO
03:29:20.7
Δ=125.6
30.0
-30.0
GAC
03:29:22.3
Δ=126.4
120.0
-120.0
RSNY
03:29:24.7
Δ=127.7
90.0
-90.0
TOL
03:29:37.3
Δ=134.4
60.0
-60.0
BOCO
03:29:51.2
Δ=142.1
50.0
-50.0
ZOBO
03:29:51.3
Δ=142.2
16.0
-16.0
0
10
20
30
40
50
Time (min)

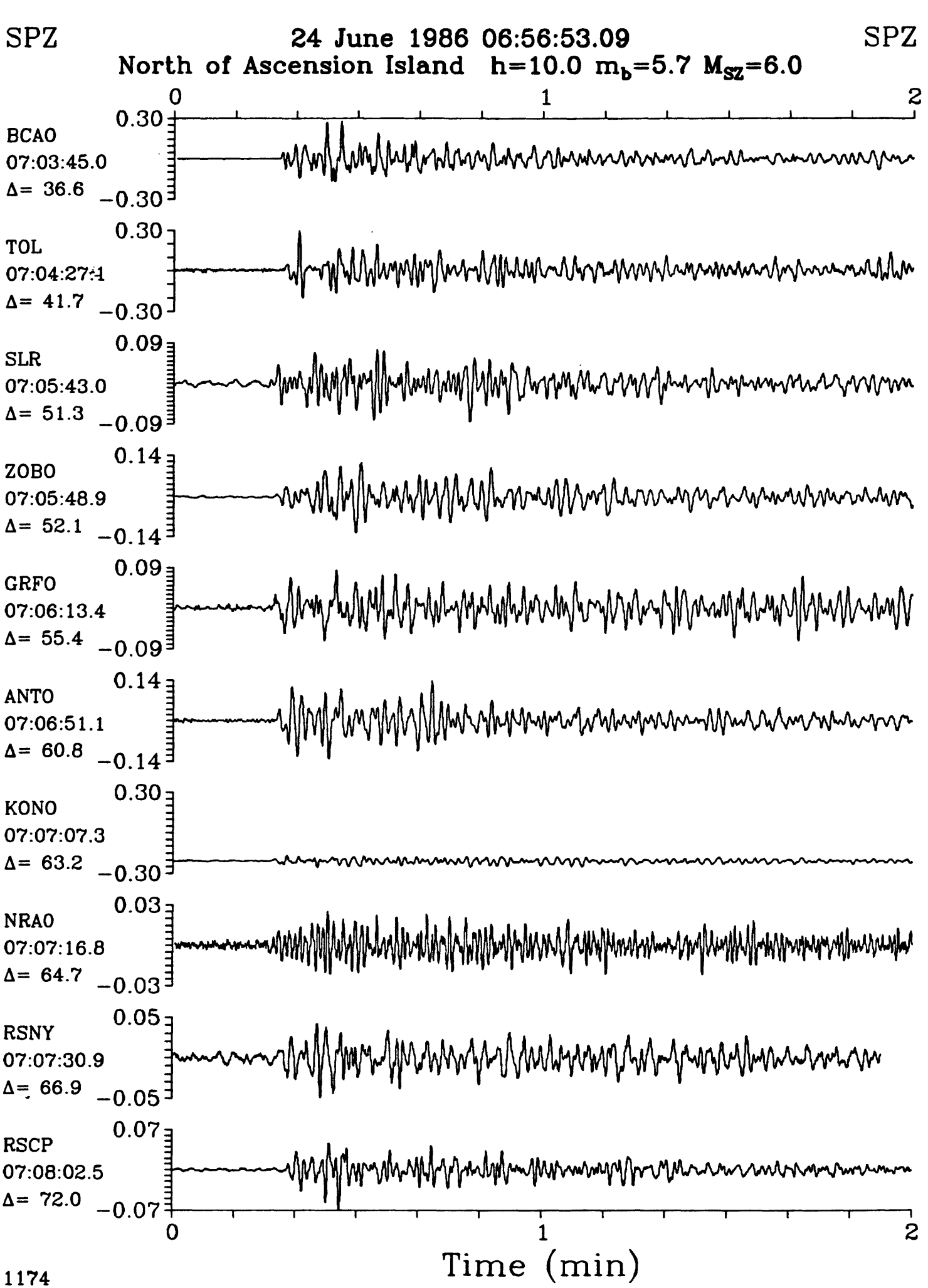

IPZ
24 June 1986 03:11:33.02
IPZ
Papua New Guinea h=121.2 m_b=6.7 M_{SZ}=7.1
0
1
2
3
4
20.00
HON
03:21:12.9
Δ= 62.3
-20.00
2.00
RSNT
03:24:31:1
Δ= 99.2
-2.00
0.70
RSSD
03:25:13.6
Δ=108.8
-0.70
0.40
RSON
03:25:34.1
Δ=113.4
-0.40
0.40
NRA0
03:25:34.1
Δ=113.4
-0.40
10.00
NE03
03:25:53.8
Δ=117.8
-10.00
0.30
GRC1
03:26:01.2
Δ=119.5
-0.30
0.40
GRB1
03:26:02.4
Δ=119.8
-0.40
0.30
GRA1
03:26:02.7
Δ=119.9
-0.30
7.00
NE04
03:29:40.7
Δ=120.4
-7.00
0
1
2
3
4
Time (min)
1171

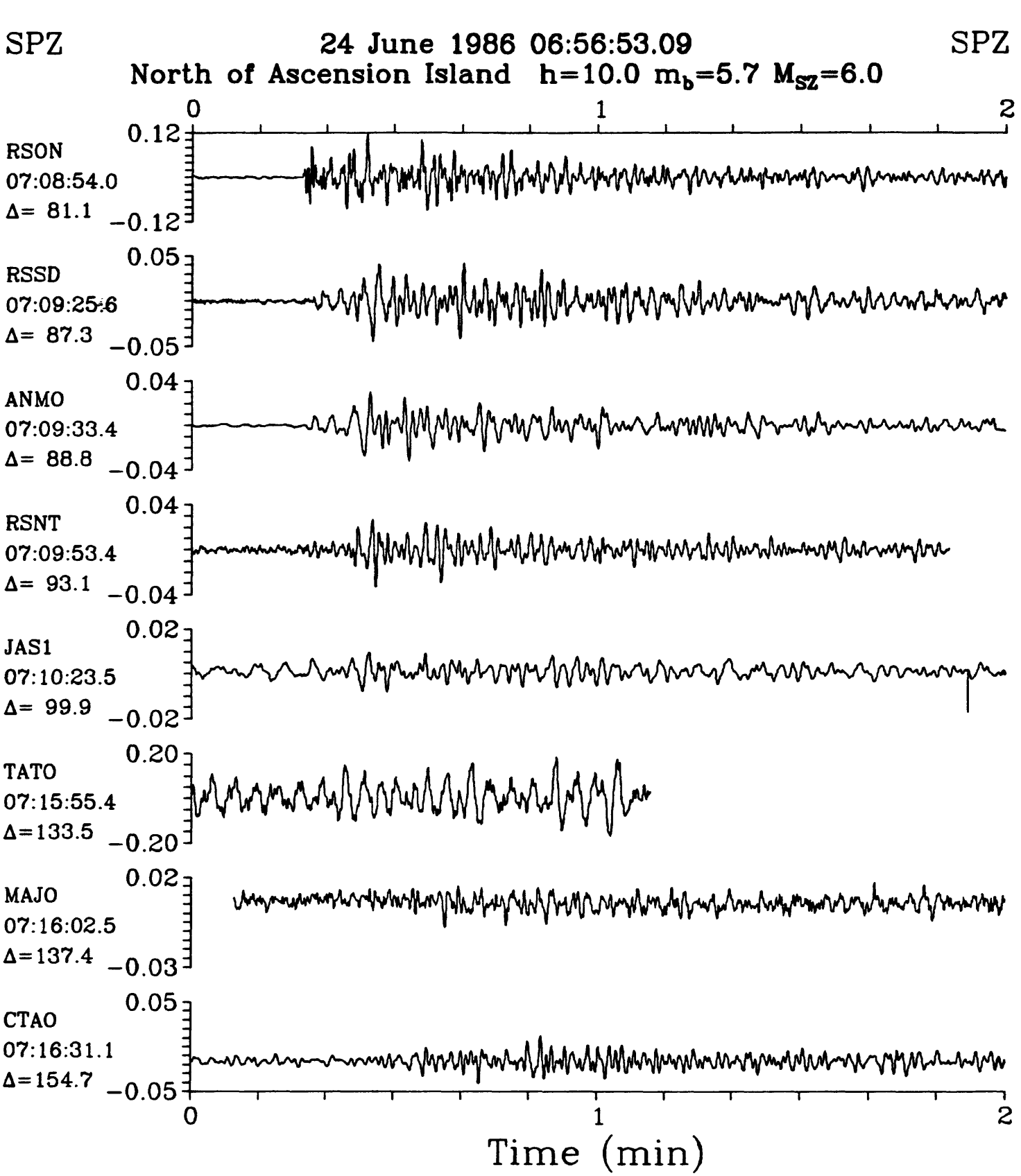

IPZ
24 June 1986 03:11:33.02
Papua New Guinea h=121.2 m_b=6.7 M_{SZ}=7.1
IPZ
0
1
2
3
4
NE05
03:29:43.0
Δ=121.6
6.00
-6.00
NE15
03:29:43.9
Δ=122.0
7.00
-7.00
NE06
03:29:45.9
Δ=123.1
6.00
-6.00
RSCP
03:29:49.3
Δ=124.9
2.00
-2.00
NE16
03:29:52.6
Δ=126.6
6.00
-6.00
RSNY
03:29:54.7
Δ=127.7
4.00
-4.00
NE10
03:29:59.8
Δ=130.4
10.00
-10.00
NE17
03:30:07.3
Δ=134.4
5.00
-5.00
NE13
03:30:08.8
Δ=135.2
6.00
-6.00
NE14
03:30:10.0
Δ=135.9
5.00
-5.00
0
1
2
3
4
Time (min)
1172

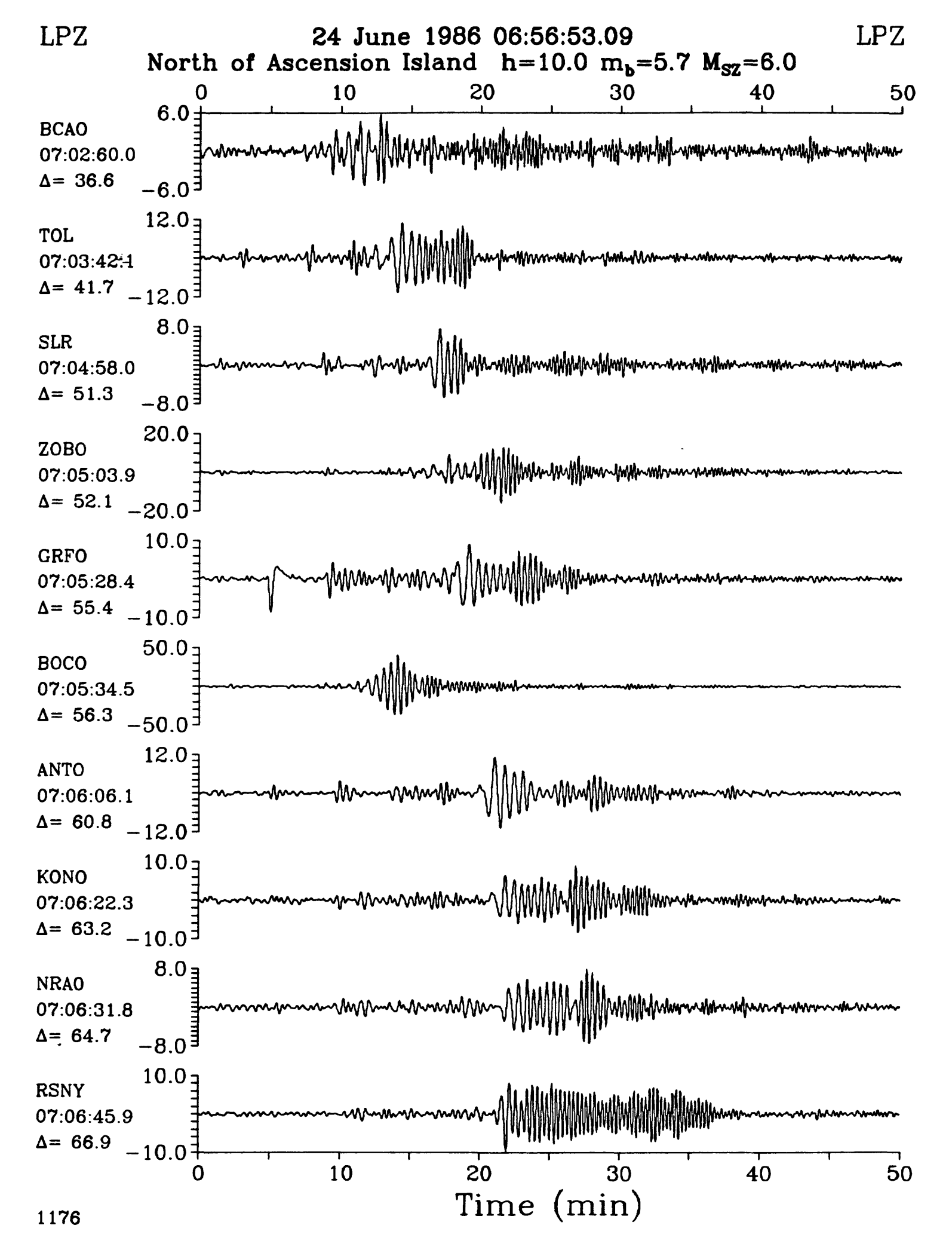
24 June 1986 06:56:53.09

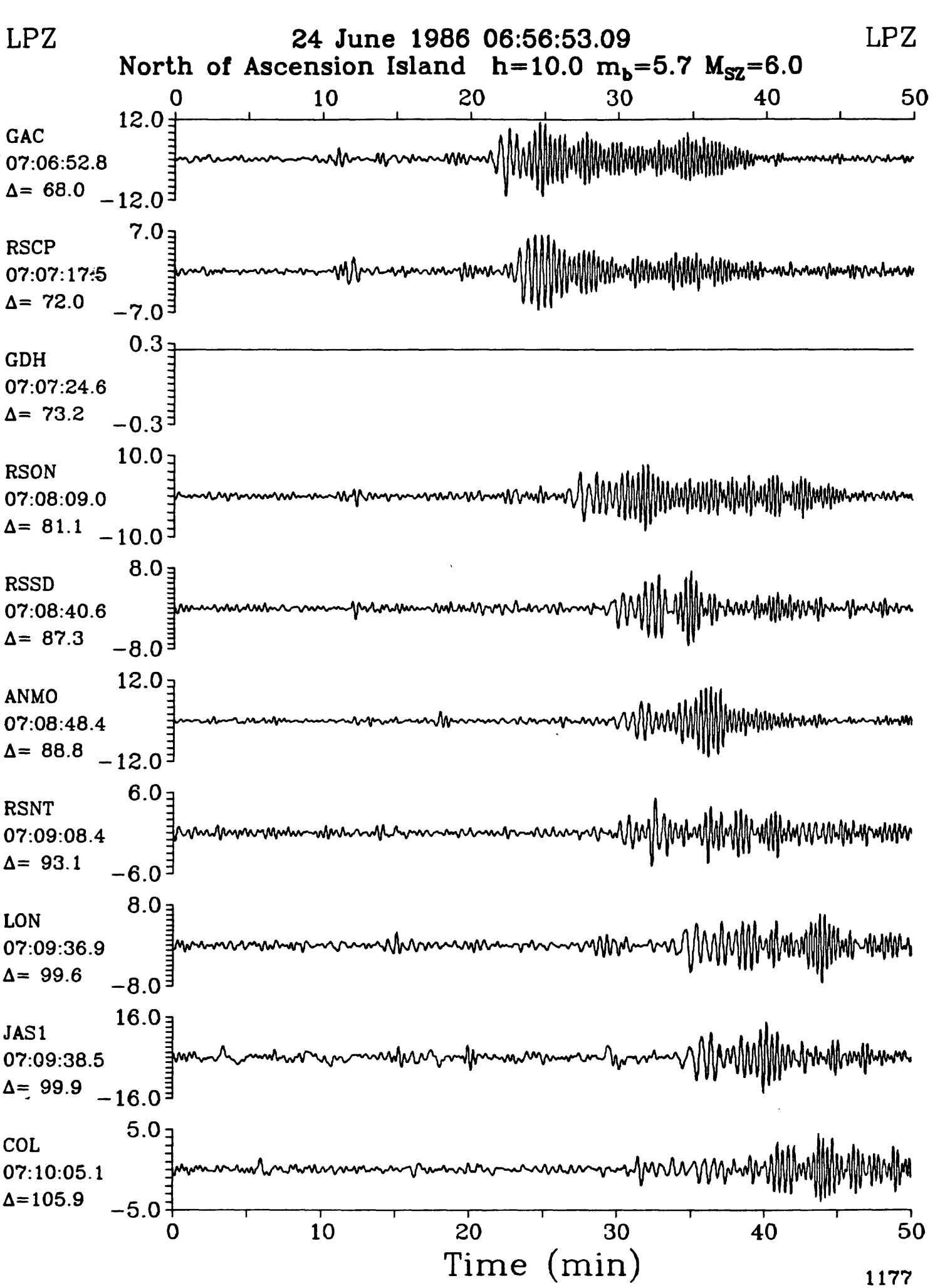
North of Ascension Island

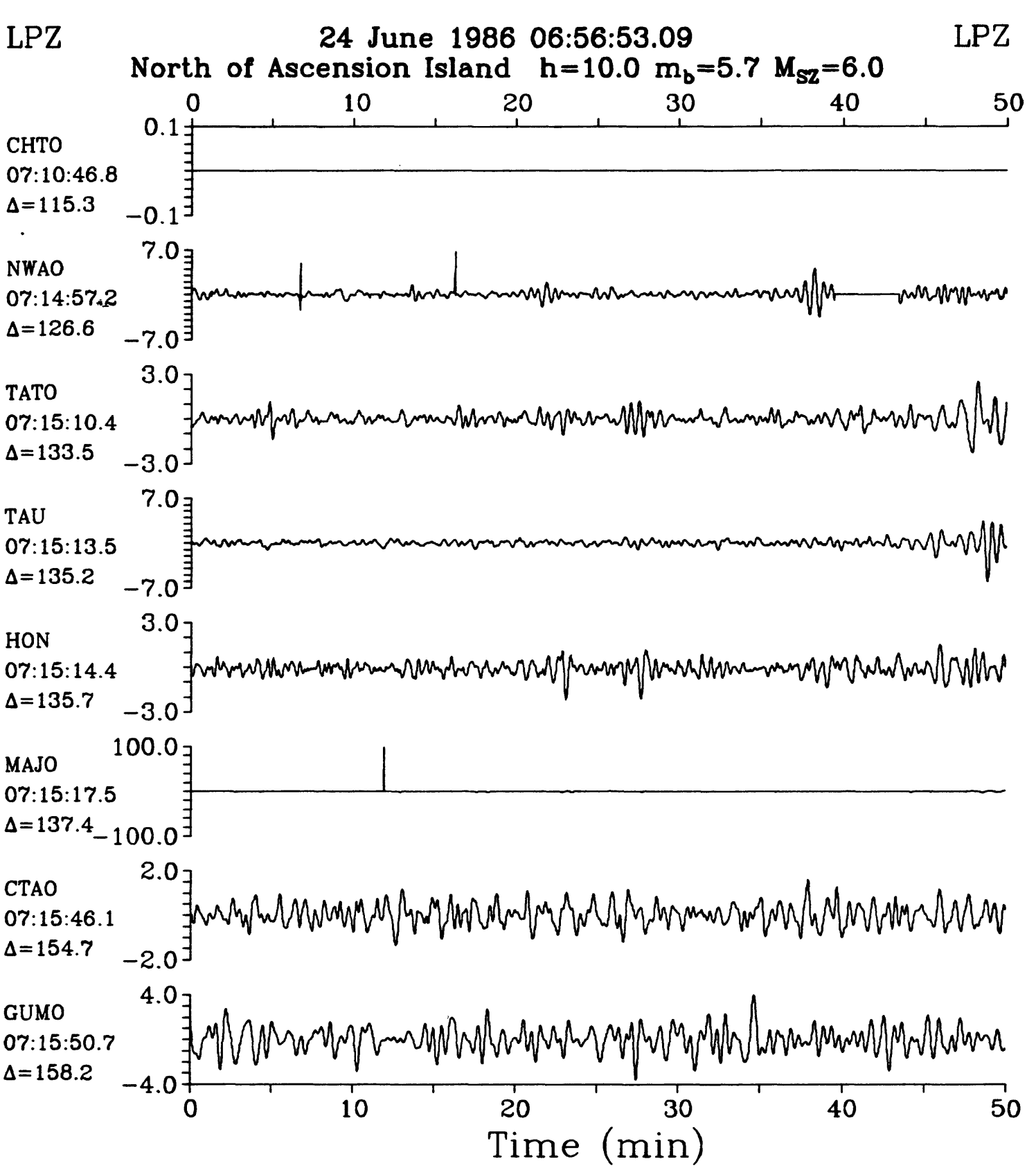


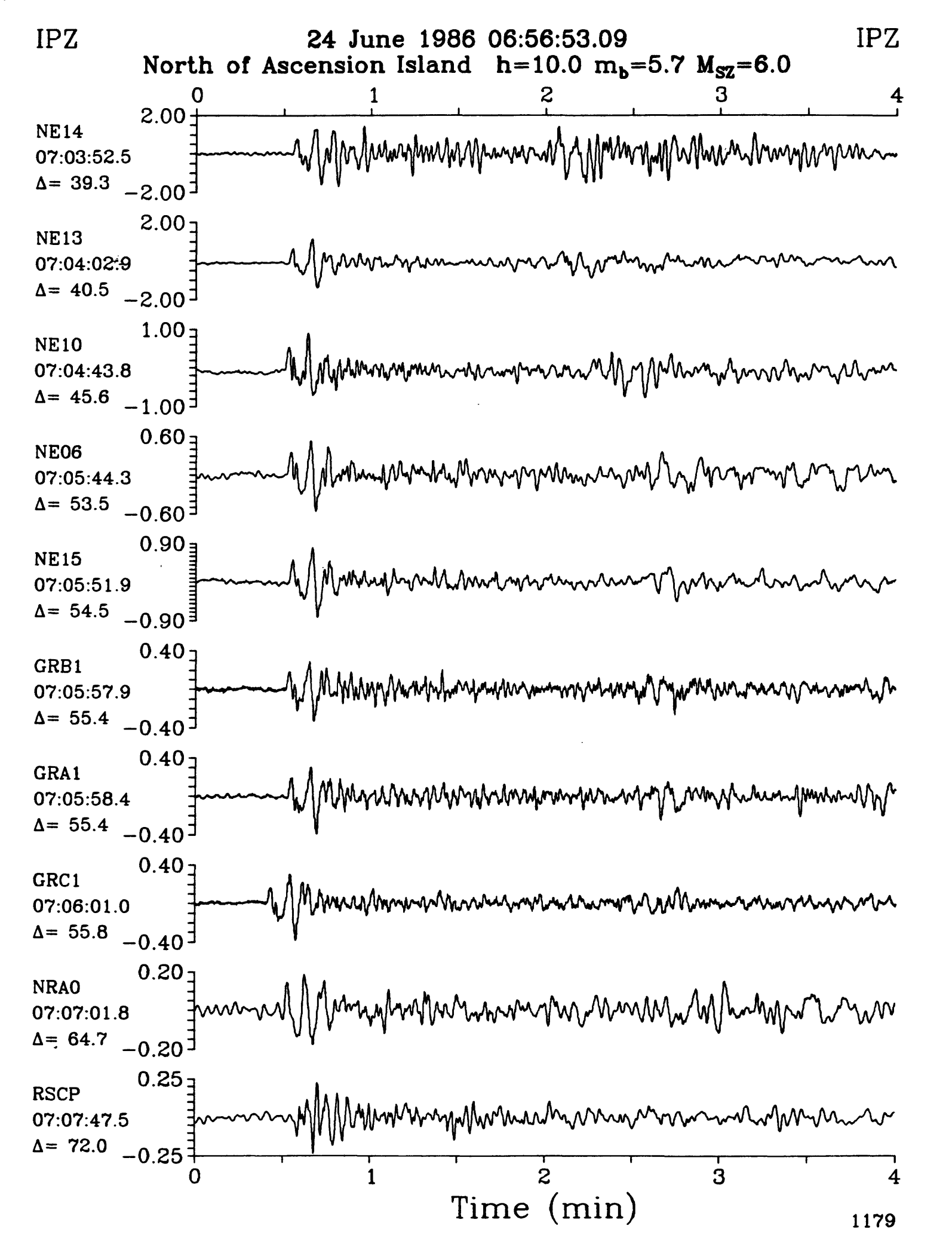

SPZ
24 June 1986 06:56:53.09
SPZ
North of Ascension Island h=10.0 m_b=5.7 M_{SZ}=6.0
0
1
2
0.30
BCAO
07:03:45.0
Δ= 36.6
-0.30
0.30
TOL
07:04:27.1
Δ= 41.7
-0.30
0.09
SLR
07:05:43.0
Δ= 51.3
-0.09
0.14
ZOBO
07:05:48.9
Δ= 52.1
-0.14
0.09
GRFO
07:06:13.4
Δ= 55.4
-0.09
0.14
ANTO
07:06:51.1
Δ= 60.8
-0.14
0.30
KONO
07:07:07.3
Δ= 63.2
-0.30
0.03
NRAO
07:07:16.8
Δ= 64.7
-0.03
0.05
RSNY
07:07:30.9
Δ= 66.9
-0.05
0.07
RSCP
07:08:02.5
Δ= 72.0
-0.07
0
1
2
Time (min)
1174

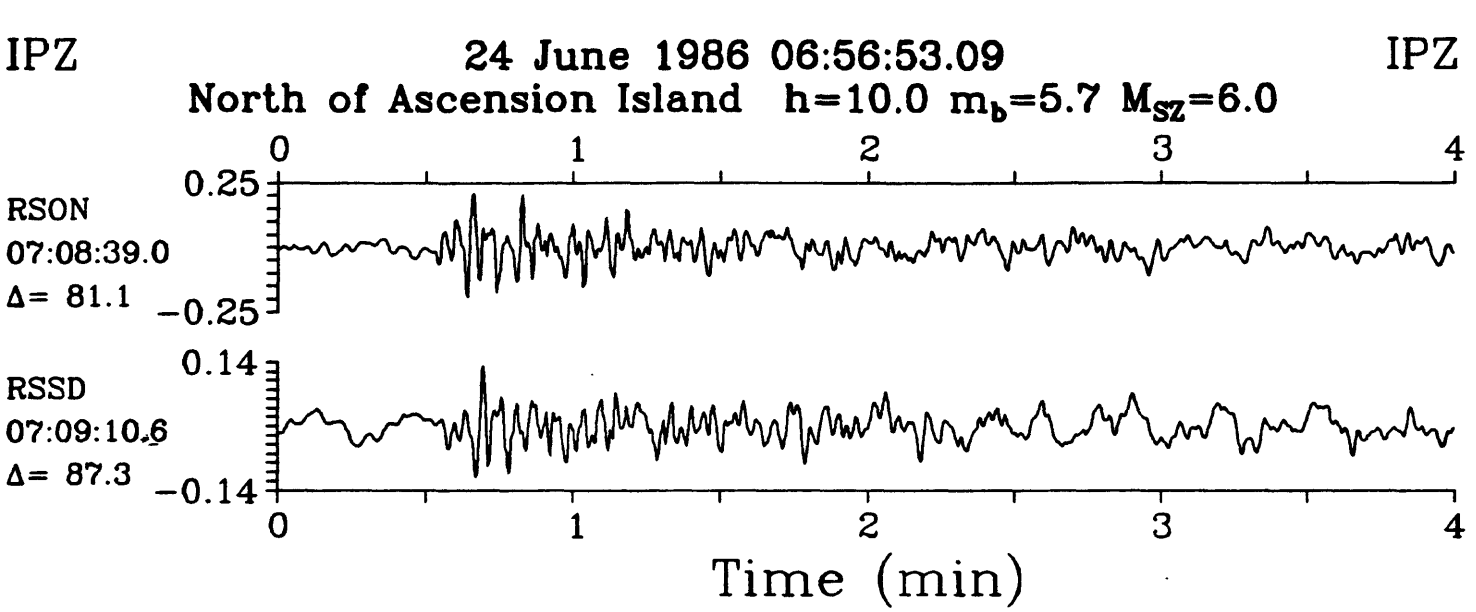

SPZ
24 June 1986 06:56:53.09
SPZ
North of Ascension Island h=10.0 m_b=5.7 M_{SZ}=6.0
0
1
2
RSON
07:08:54.0
Δ= 81.1
0.12
-0.12
RSSD
07:09:25.6
Δ= 87.3
0.05
-0.05
ANMO
07:09:33.4
Δ= 88.8
0.04
-0.04
RSNT
07:09:53.4
Δ= 93.1
0.04
-0.04
JAS1
07:10:23.5
Δ= 99.9
0.02
-0.02
TATO
07:15:55.4
Δ=133.5
0.20
-0.20
MAJO
07:16:02.5
Δ=137.4
0.02
-0.03
CTAO
07:16:31.1
Δ=154.7
0.05
-0.05
0
1
2
Time (min)


LPZ
24 June 1986 06:56:53.09
LPZ
North of Ascension Island h=10.0 m_b=5.7 M_{SZ}=6.0
0
10
20
30
40
50
BCAO
07:02:60.0
Δ= 36.6
6.0
-6.0
TOL
07:03:42.1
Δ= 41.7
12.0
-12.0
SLR
07:04:58.0
Δ= 51.3
8.0
-8.0
ZOBO
07:05:03.9
Δ= 52.1
20.0
-20.0
GRFO
07:05:28.4
Δ= 55.4
10.0
-10.0
BOCO
07:05:34.5
Δ= 56.3
50.0
-50.0
ANTO
07:06:06.1
Δ= 60.8
12.0
-12.0
KONO
07:06:22.3
Δ= 63.2
10.0
-10.0
NRAO
07:06:31.8
Δ= 64.7
8.0
-8.0
RSNY
07:06:45.9
Δ= 66.9
10.0
-10.0
0
10
20
30
40
50
Time (min)
1176


LPZ
24 June 1986 06:56:53.09
LPZ
North of Ascension Island h=10.0 m_b=5.7 M_{SZ}=6.0
0
10
20
30
40
50
GAC
07:06:52.8
Δ= 68.0
12.0
-12.0
RSCP
07:07:17.5
Δ= 72.0
7.0
-7.0
GDH
07:07:24.6
Δ= 73.2
0.3
-0.3
RSON
07:08:09.0
Δ= 81.1
10.0
-10.0
RSSD
07:08:40.6
Δ= 87.3
8.0
-8.0
ANMO
07:08:48.4
Δ= 88.8
12.0
-12.0
RSNT
07:09:08.4
Δ= 93.1
6.0
-6.0
LON
07:09:36.9
Δ= 99.6
8.0
-8.0
JAS1
07:09:38.5
Δ= 99.9
16.0
-16.0
COL
07:10:05.1
Δ=105.9
5.0
-5.0
0
10
20
30
40
50
Time (min)
1177

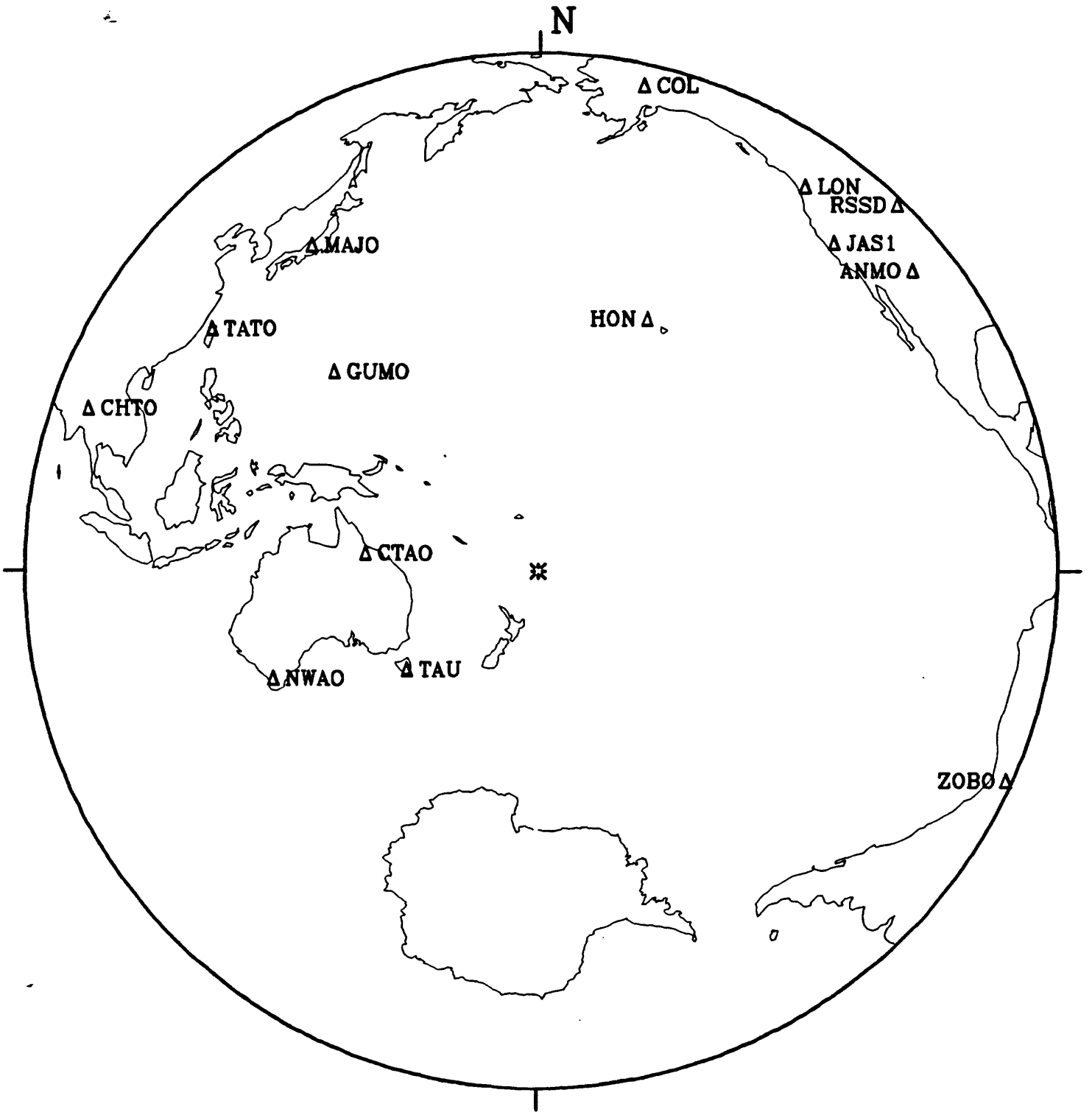

LPZ
24 June 1986 06:56:53.09
LPZ
North of Ascension Island h=10.0 m_b=5.7 M_{SZ}=6.0
0
10
20
30
40
50
CHTO
07:10:46.8
Δ=115.3
0.1
-0.1
NWAO
07:14:57.2
Δ=126.6
7.0
-7.0
TATO
07:15:10.4
Δ=133.5
3.0
-3.0
TAU
07:15:13.5
Δ=135.2
7.0
-7.0
HON
07:15:14.4
Δ=135.7
3.0
-3.0
MAJO
07:15:17.5
Δ=137.4
100.0
-100.0
CTAO
07:15:46.1
Δ=154.7
2.0
-2.0
GUMO
07:15:50.7
Δ=158.2
4.0
-4.0
0
10
20
30
40
50
Time (min)

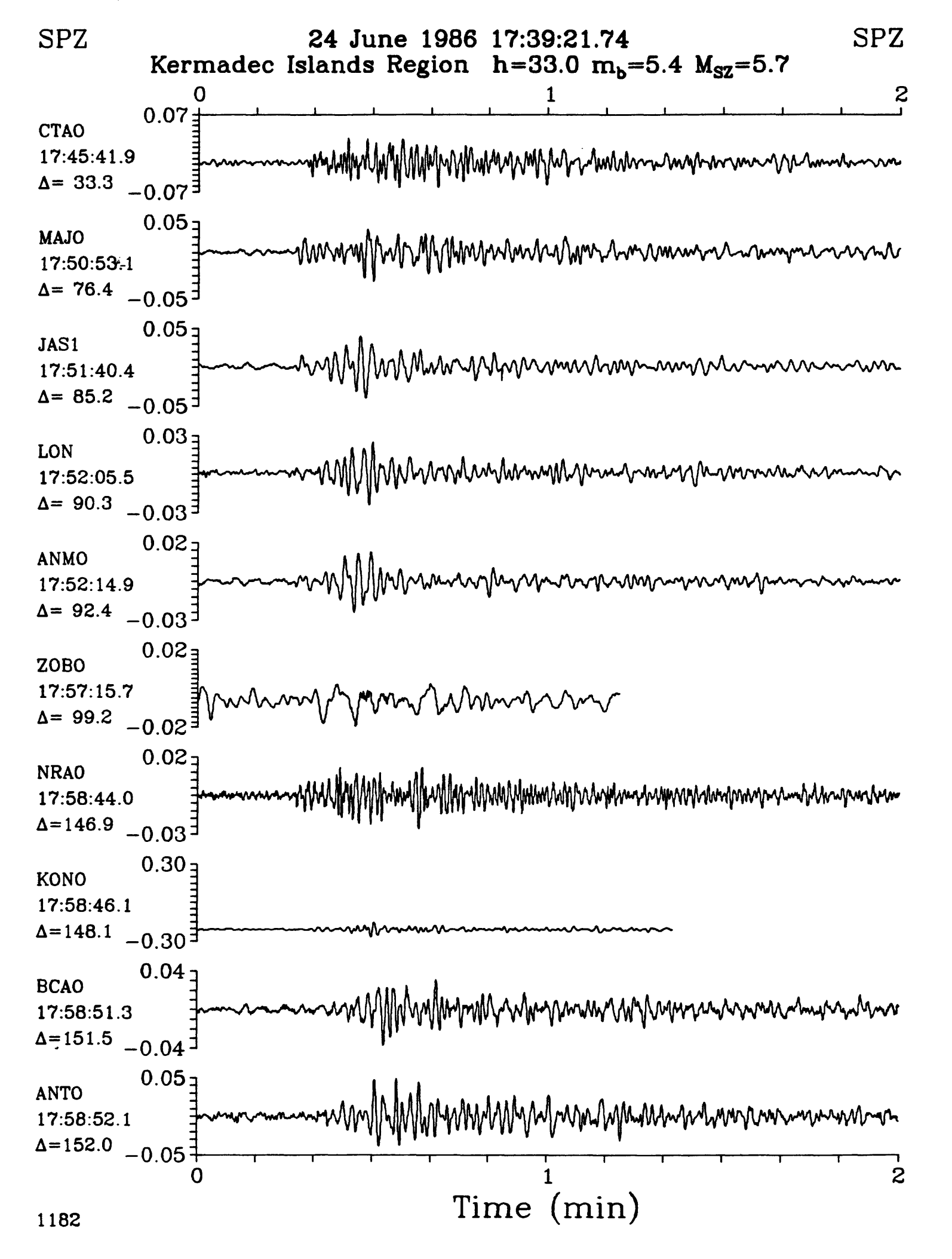

IPZ
24 June 1986 06:56:53.09
IPZ
North of Ascension Island h=10.0 m_b=5.7 M_{SZ}=6.0
0
1
2
3
4
NE14
07:03:52.5
Δ= 39.3
2.00
-2.00
NE13
07:04:02.9
Δ= 40.5
2.00
-2.00
NE10
07:04:43.8
Δ= 45.6
1.00
-1.00
NE06
07:05:44.3
Δ= 53.5
0.60
-0.60
NE15
07:05:51.9
Δ= 54.5
0.90
-0.90
GRB1
07:05:57.9
Δ= 55.4
0.40
-0.40
GRA1
07:05:58.4
Δ= 55.4
0.40
-0.40
GRC1
07:06:01.0
Δ= 55.8
0.40
-0.40
NRA0
07:07:01.8
Δ= 64.7
0.20
-0.20
RSCP
07:07:47.5
Δ= 72.0
0.25
-0.25
0
1
2
3
4
Time (min)
1179

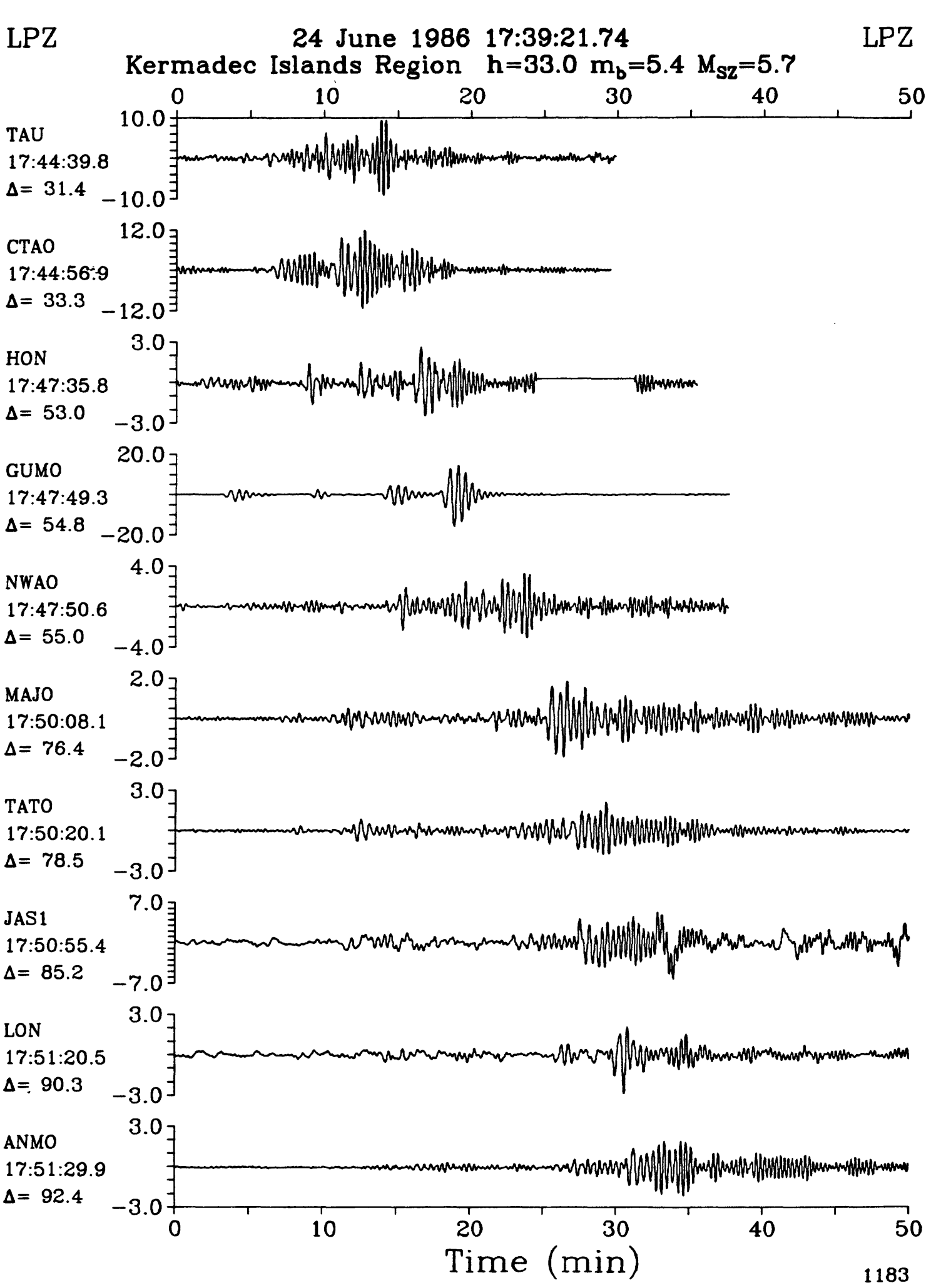

24 June 1986 06:56:53.09
North of Ascension Island h=10.0 m_b=5.7 M_{SZ}=6.0
IPZ
RSON
07:08:39.0
Δ= 81.1
RSSD
07:09:10.6
Δ= 87.3
0.25
−0.25
0.14
−0.14
0
1
2
3
4
Time (min)

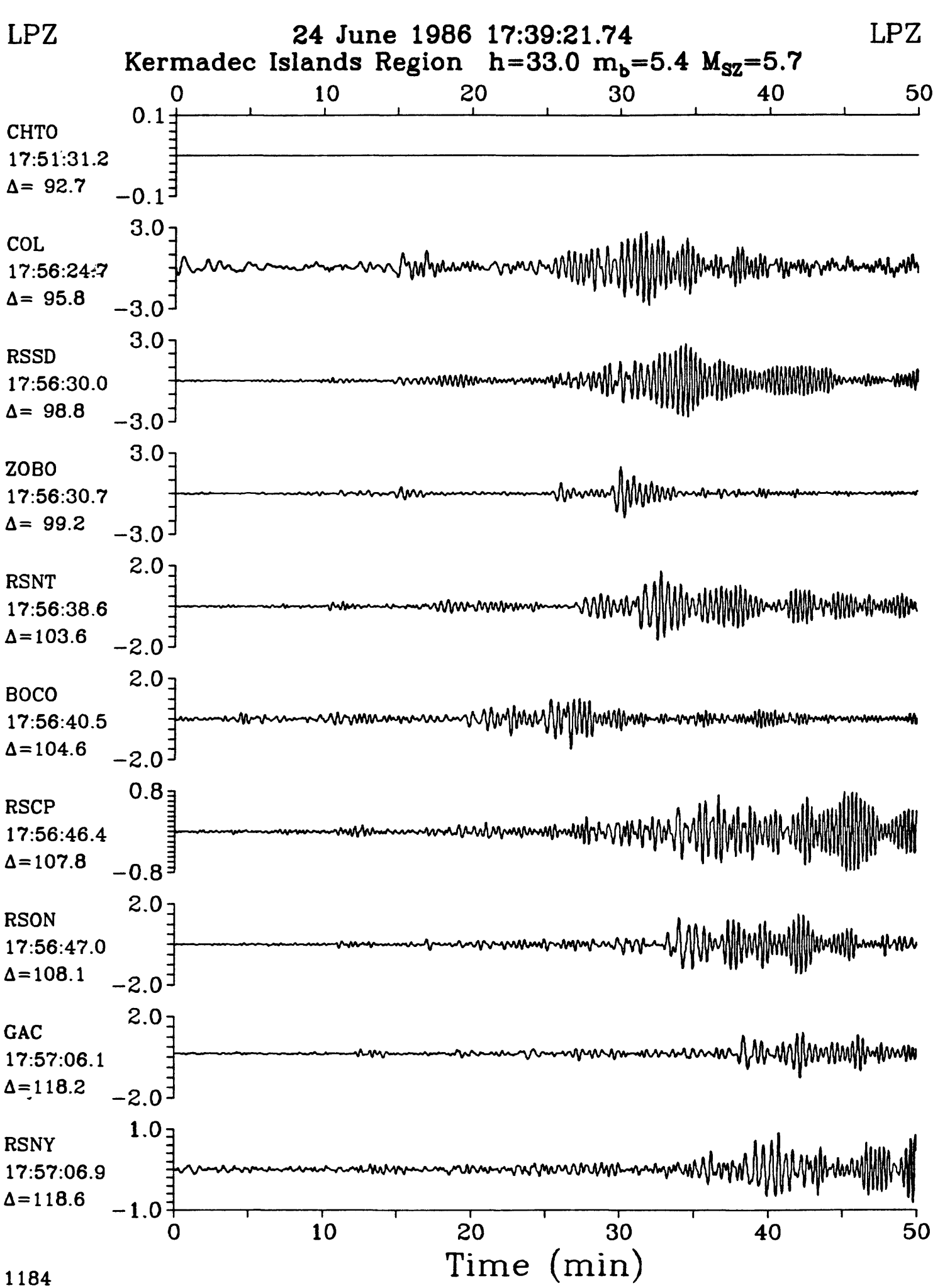
24 June 1986 17:39:21.74

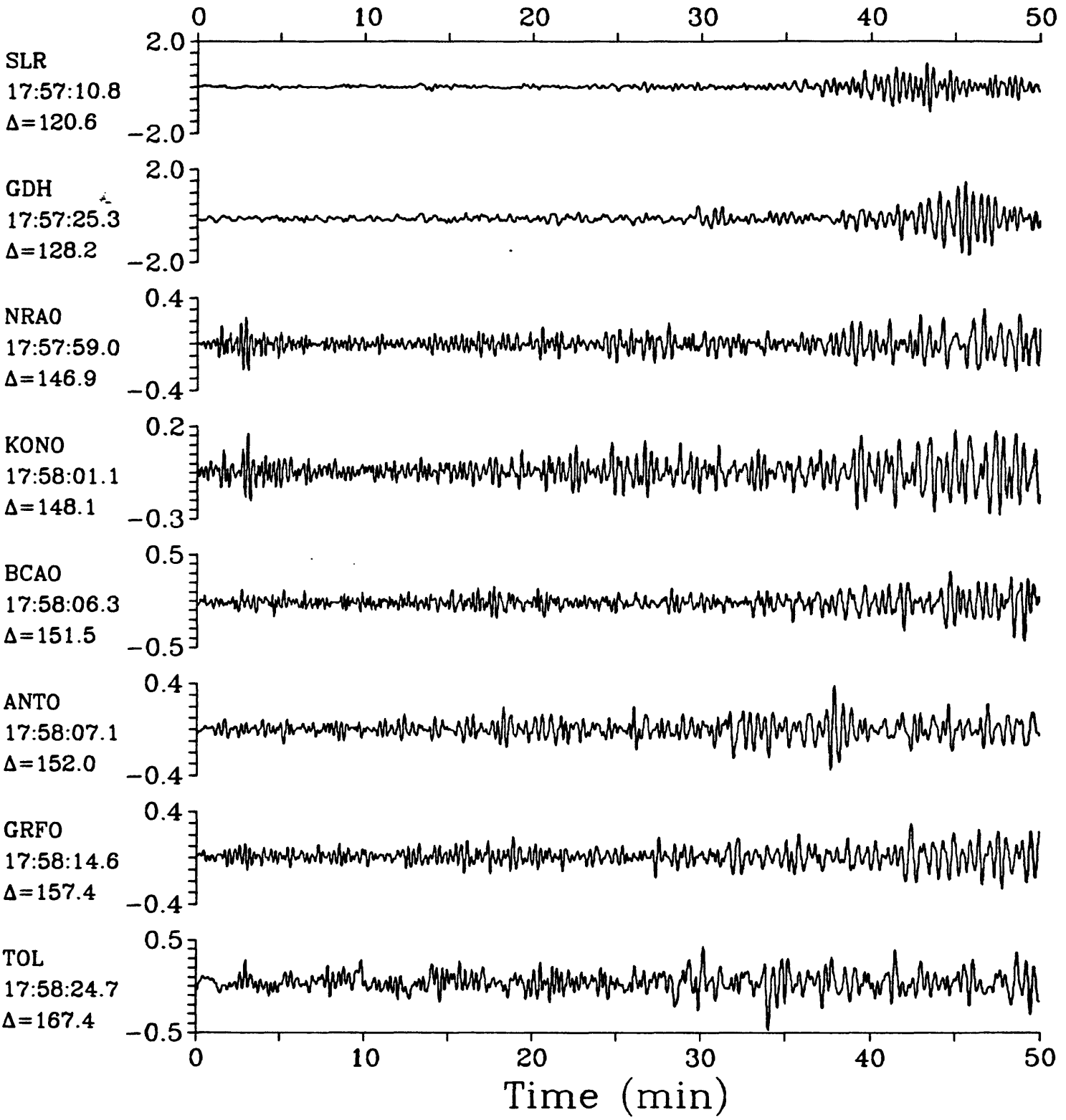
Kermadec Islands Region




SPZ
24 June 1986 17:39:21.74
SPZ
Kermadec Islands Region h=33.0 m_b=5.4 M_{SZ}=5.7
0
1
2
0.07
CTAO
17:45:41.9
Δ= 33.3
−0.07
0.05
MAJO
17:50:53.1
Δ= 76.4
−0.05
0.05
JAS1
17:51:40.4
Δ= 85.2
−0.05
0.03
LON
17:52:05.5
Δ= 90.3
−0.03
0.02
ANMO
17:52:14.9
Δ= 92.4
−0.03
0.02
ZOBO
17:57:15.7
Δ= 99.2
−0.02
0.02
NRAO
17:58:44.0
Δ=146.9
−0.03
0.30
KONO
17:58:46.1
Δ=148.1
−0.30
0.04
BCAO
17:58:51.3
Δ=151.5
−0.04
0.05
ANTO
17:58:52.1
Δ=152.0
−0.05
0
1
2
Time (min)
1182

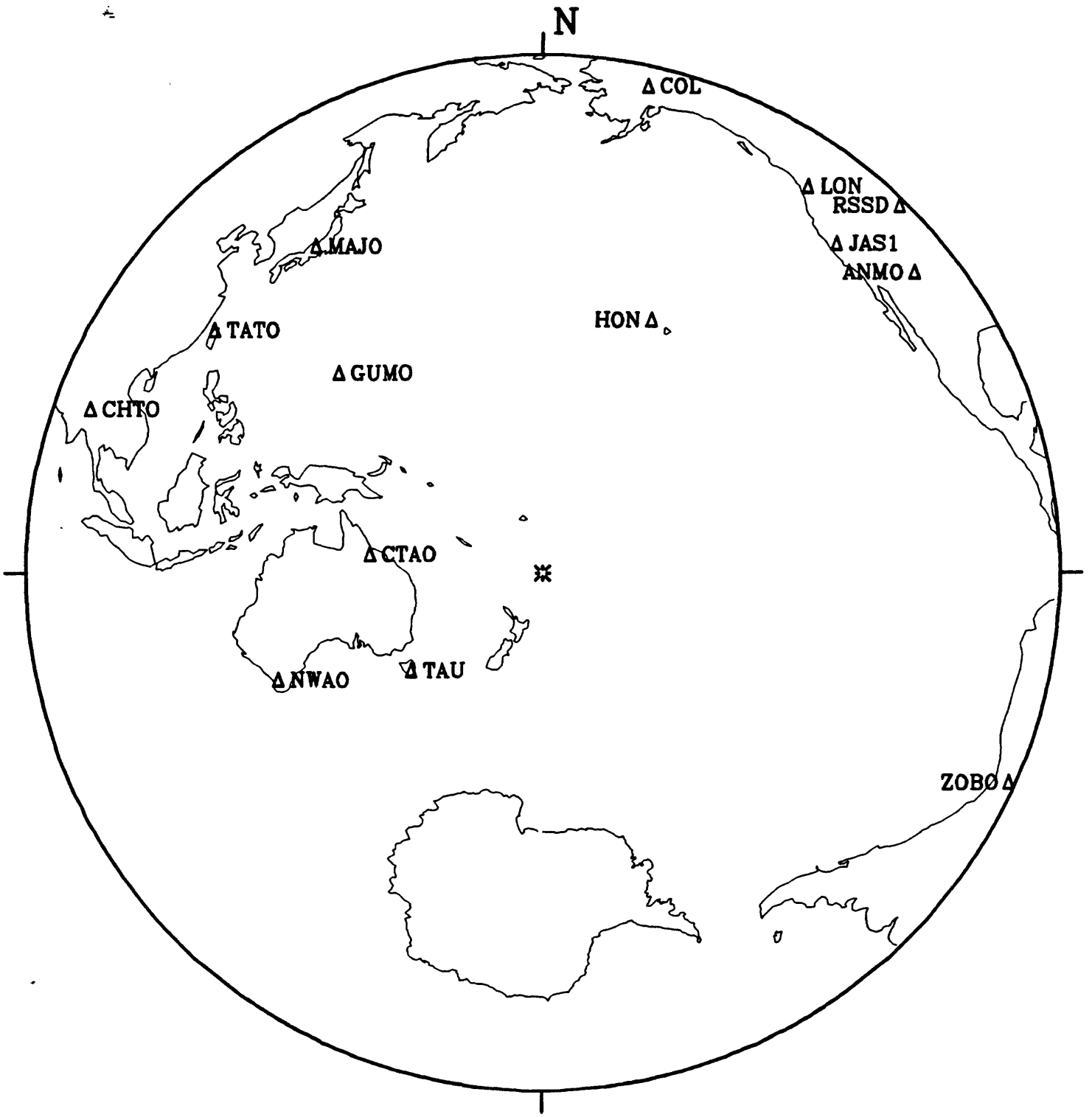

LPZ
24 June 1986 17:39:21.74
LPZ
Kermadec Islands Region h=33.0 m$_b$=5.4 M$_{SZ}$=5.7
0
10
20
30
40
50
TAU
17:44:39.8
Δ= 31.4
10.0
-10.0
CTAO
17:44:56.9
Δ= 33.3
12.0
-12.0
HON
17:47:35.8
Δ= 53.0
3.0
-3.0
GUMO
17:47:49.3
Δ= 54.8
20.0
-20.0
NWAO
17:47:50.6
Δ= 55.0
4.0
-4.0
MAJO
17:50:08.1
Δ= 76.4
2.0
-2.0
TATO
17:50:20.1
Δ= 78.5
3.0
-3.0
JAS1
17:50:55.4
Δ= 85.2
7.0
-7.0
LON
17:51:20.5
Δ= 90.3
3.0
-3.0
ANMO
17:51:29.9
Δ= 92.4
3.0
-3.0
0
10
20
30
40
50
Time (min)
1183

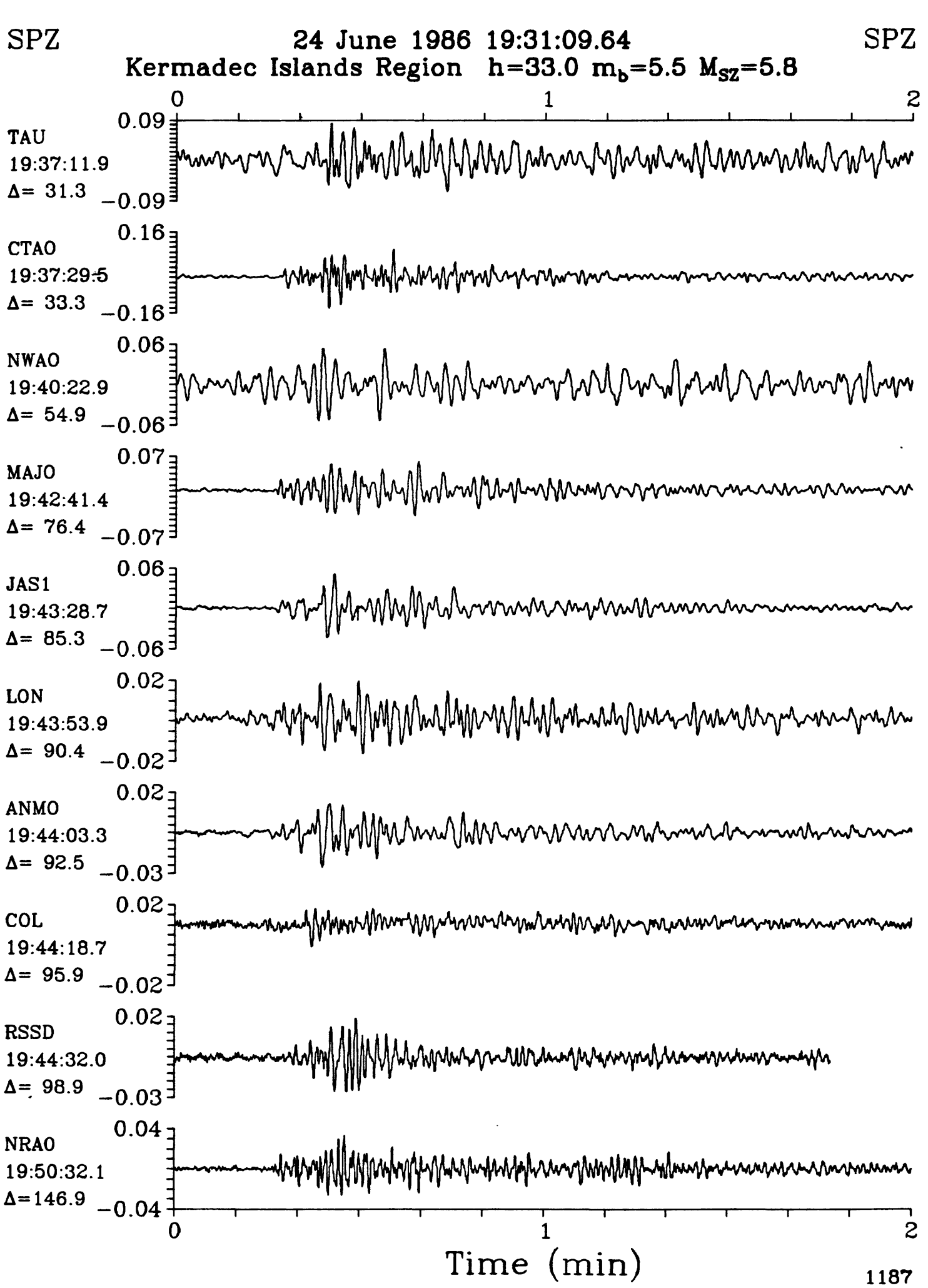

LPZ
24 June 1986 17:39:21.74
LPZ
Kermadec Islands Region h=33.0 m_b=5.4 M_{SZ}=5.7
0
10
20
30
40
50
CHTO
17:51:31.2
Δ= 92.7
0.1
-0.1
COL
17:56:24.7
Δ= 95.8
3.0
-3.0
RSSD
17:56:30.0
Δ= 98.8
3.0
-3.0
ZOBO
17:56:30.7
Δ= 99.2
3.0
-3.0
RSNT
17:56:38.6
Δ=103.6
2.0
-2.0
BOCO
17:56:40.5
Δ=104.6
2.0
-2.0
RSCP
17:56:46.4
Δ=107.8
0.8
-0.8
RSON
17:56:47.0
Δ=108.1
2.0
-2.0
GAC
17:57:06.1
Δ=118.2
2.0
-2.0
RSNY
17:57:06.9
Δ=118.6
1.0
-1.0
0
10
20
30
40
50
Time (min)
1184


LPZ
24 June 1986 17:39:21.74
LPZ
Kermadec Islands Region h=33.0 m_b=5.4 M_{SZ}=5.7
0
10
20
30
40
50
SLR
17:57:10.8
Δ=120.6
2.0
-2.0
GDH
17:57:25.3
Δ=128.2
2.0
-2.0
NRAO
17:57:59.0
Δ=146.9
0.4
-0.4
KONO
17:58:01.1
Δ=148.1
0.2
-0.3
BCAO
17:58:06.3
Δ=151.5
0.5
-0.5
ANTO
17:58:07.1
Δ=152.0
0.4
-0.4
GRFO
17:58:14.6
Δ=157.4
0.4
-0.4
TOL
17:58:24.7
Δ=167.4
0.5
-0.5
0
10
20
30
40
50
Time (min)

24 June 1986 19:31:09.64

Kermadec Islands Region



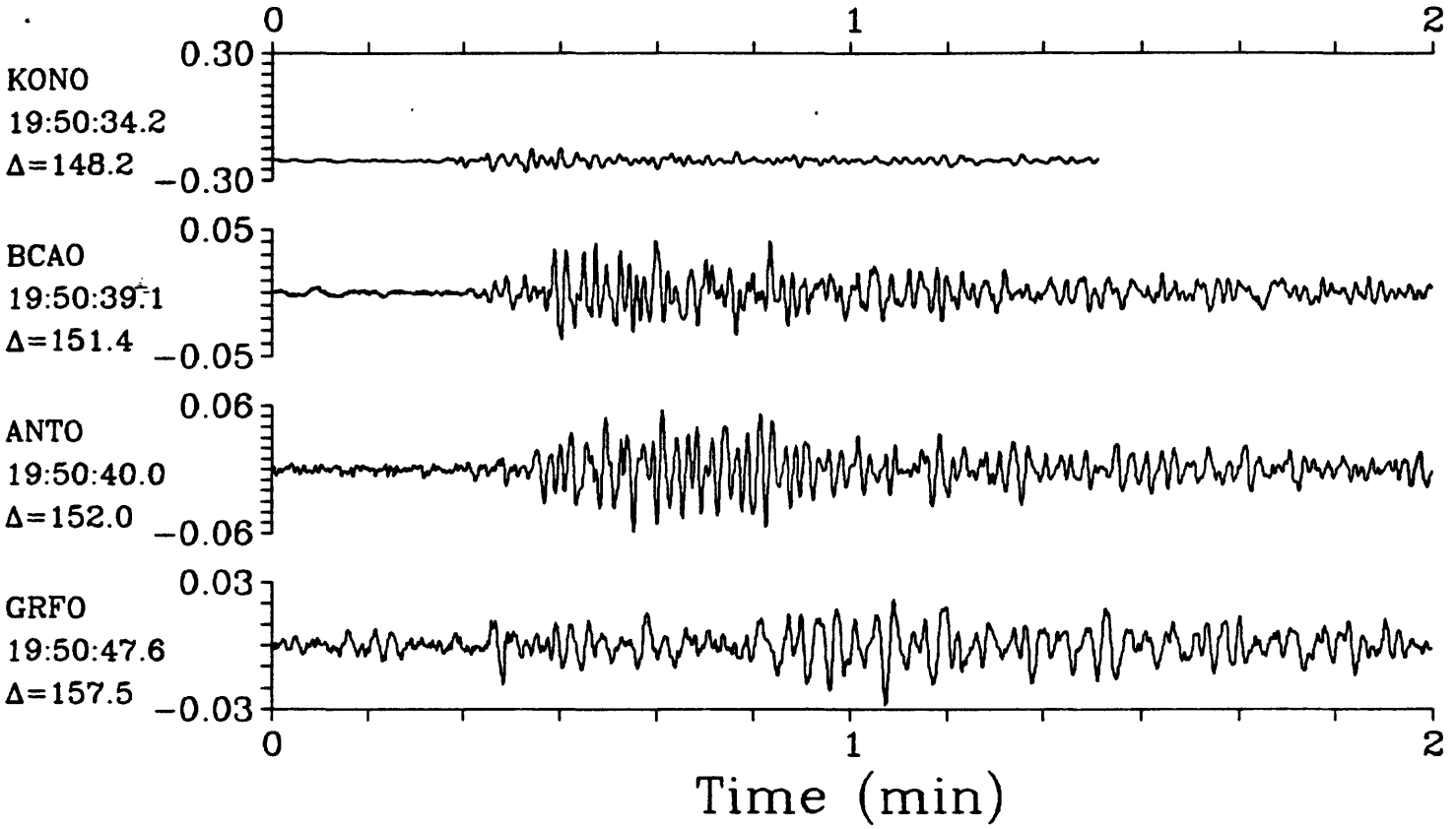

SPZ
24 June 1986 19:31:09.64
SPZ
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=5.8
0
1
2
TAU
19:37:11.9
Δ= 31.3
0.09
-0.09
CTAO
19:37:29.5
Δ= 33.3
0.16
-0.16
NWAO
19:40:22.9
Δ= 54.9
0.06
-0.06
MAJO
19:42:41.4
Δ= 76.4
0.07
-0.07
JAS1
19:43:28.7
Δ= 85.3
0.06
-0.06
LON
19:43:53.9
Δ= 90.4
0.02
-0.02
ANMO
19:44:03.3
Δ= 92.5
0.02
-0.03
COL
19:44:18.7
Δ= 95.9
0.02
-0.02
RSSD
19:44:32.0
Δ= 98.9
0.02
-0.03
NRAO
19:50:32.1
Δ=146.9
0.04
-0.04
0
1
2
Time (min)
1187

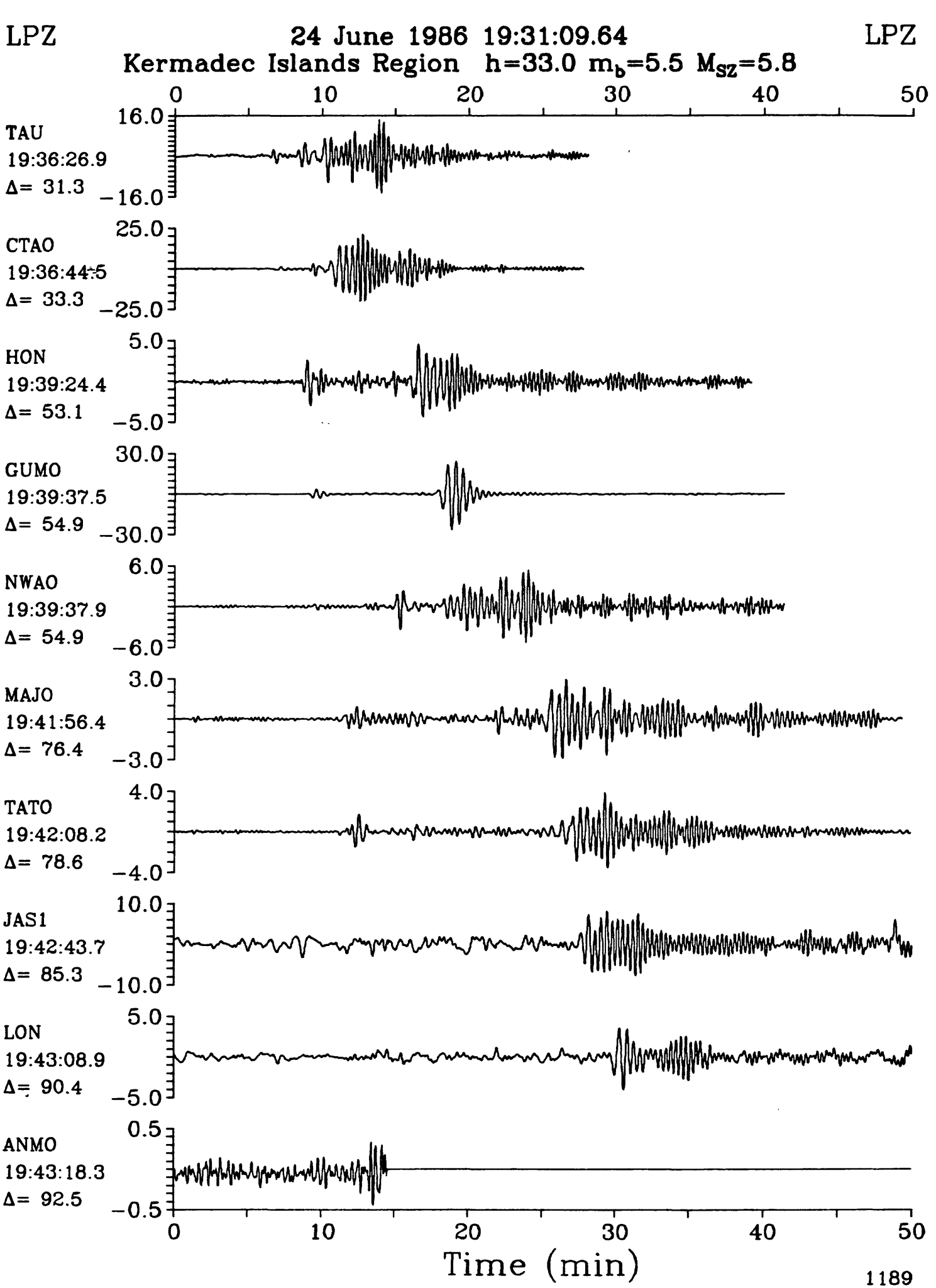
SPZ

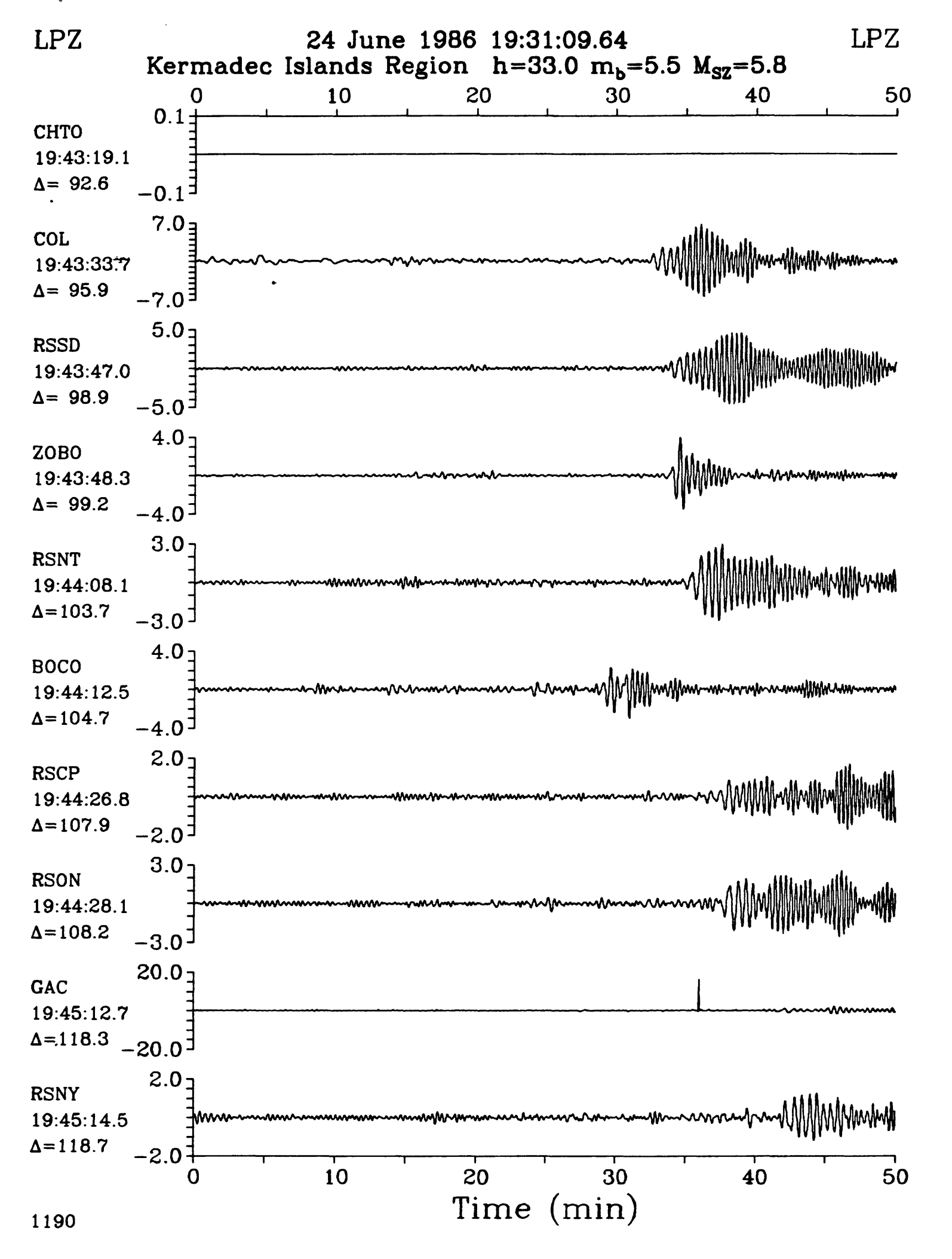
24 June 1986 19:31:09.64

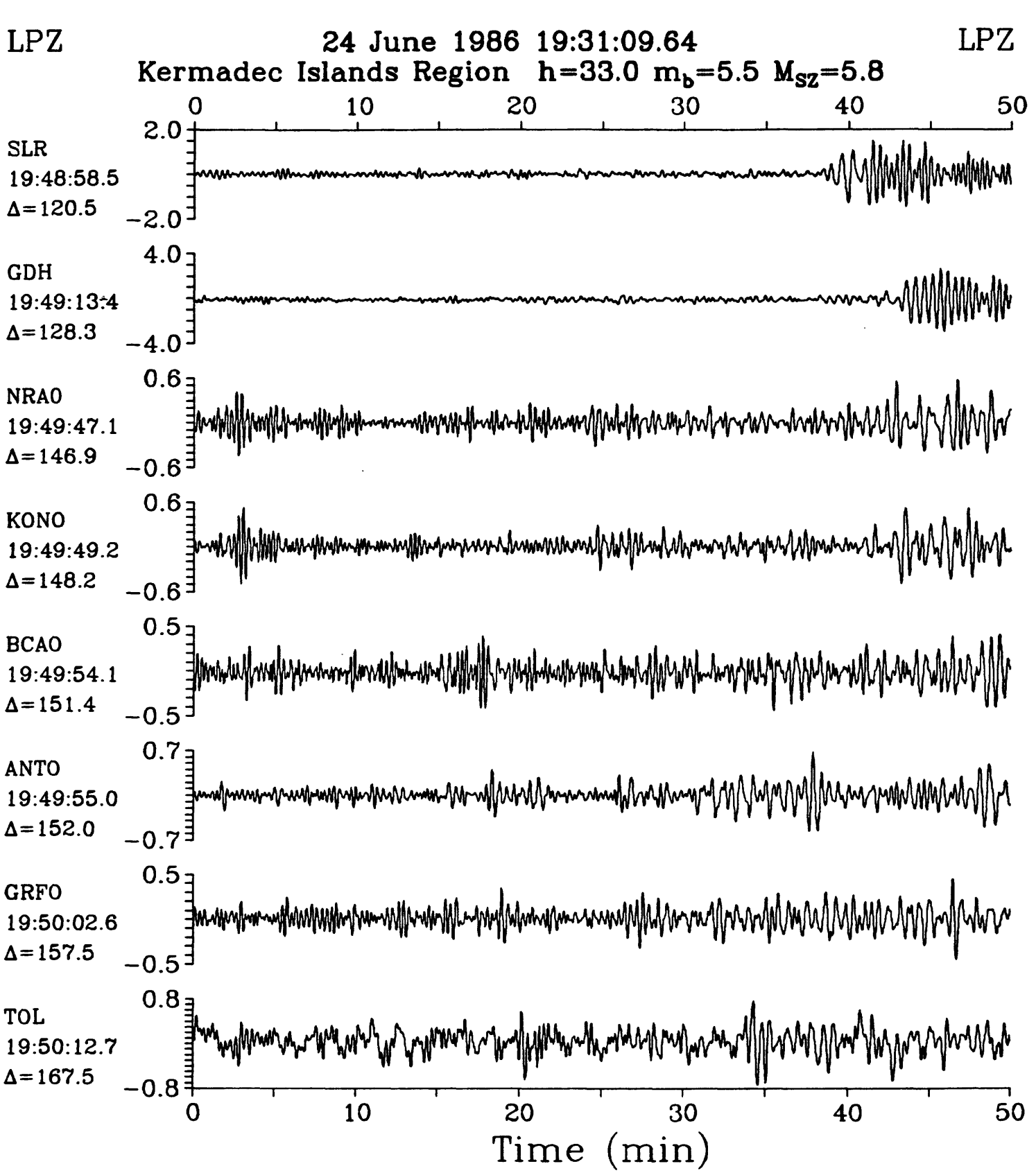
SPZ

Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=5.8



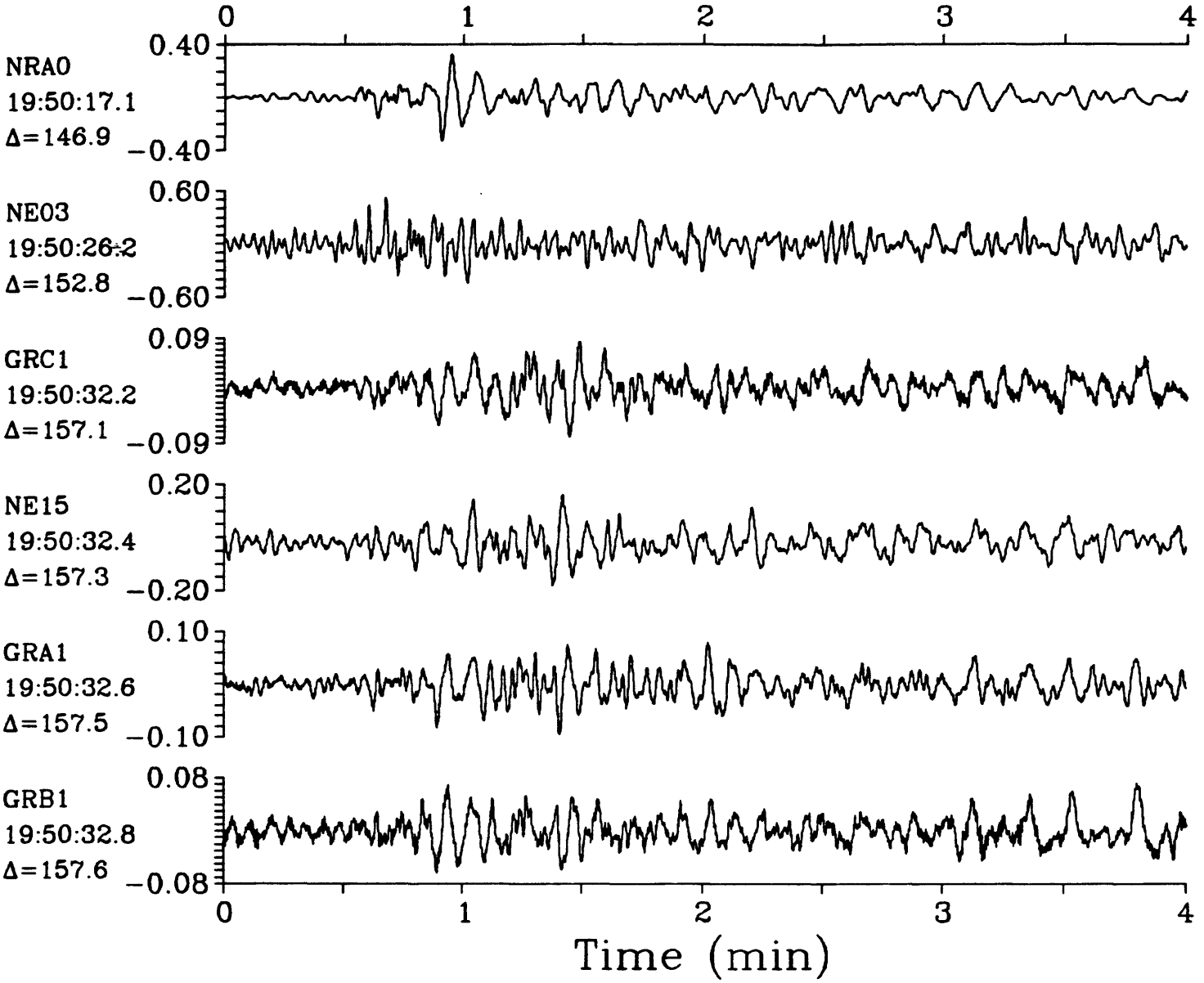

LPZ
24 June 1986 19:31:09.64
LPZ
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=5.8
0
10
20
30
40
50
TAU
19:36:26.9
Δ= 31.3
16.0
-16.0
CTAO
19:36:44.5
Δ= 33.3
25.0
-25.0
HON
19:39:24.4
Δ= 53.1
5.0
-5.0
GUMO
19:39:37.5
Δ= 54.9
30.0
-30.0
NWAO
19:39:37.9
Δ= 54.9
6.0
-6.0
MAJO
19:41:56.4
Δ= 76.4
3.0
-3.0
TATO
19:42:08.2
Δ= 78.6
4.0
-4.0
JAS1
19:42:43.7
Δ= 85.3
10.0
-10.0
LON
19:43:08.9
Δ= 90.4
5.0
-5.0
ANMO
19:43:18.3
Δ= 92.5
0.5
-0.5
0
10
20
30
40
50
Time (min)
1189


LPZ
24 June 1986 19:31:09.64
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=5.8
LPZ
0
10
20
30
40
50
CHTO
19:43:19.1
Δ= 92.6
0.1
-0.1
COL
19:43:33.7
Δ= 95.9
7.0
-7.0
RSSD
19:43:47.0
Δ= 98.9
5.0
-5.0
ZOBO
19:43:48.3
Δ= 99.2
4.0
-4.0
RSNT
19:44:08.1
Δ=103.7
3.0
-3.0
BOCO
19:44:12.5
Δ=104.7
4.0
-4.0
RSCP
19:44:26.8
Δ=107.9
2.0
-2.0
RSON
19:44:28.1
Δ=108.2
3.0
-3.0
GAC
19:45:12.7
Δ=118.3
20.0
-20.0
RSNY
19:45:14.5
Δ=118.7
2.0
-2.0
0
10
20
30
40
50
Time (min)
1190


LPZ
24 June 1986 19:31:09.64
LPZ
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=5.8
0
10
20
30
40
50
SLR
19:48:58.5
Δ=120.5
2.0
-2.0
GDH
19:49:13.4
Δ=128.3
4.0
-4.0
NRAO
19:49:47.1
Δ=146.9
0.6
-0.6
KONO
19:49:49.2
Δ=148.2
0.6
-0.6
BCAO
19:49:54.1
Δ=151.4
0.5
-0.5
ANTO
19:49:55.0
Δ=152.0
0.7
-0.7
GRFO
19:50:02.6
Δ=157.5
0.5
-0.5
TOL
19:50:12.7
Δ=167.5
0.8
-0.8
0
10
20
30
40
50
Time (min)

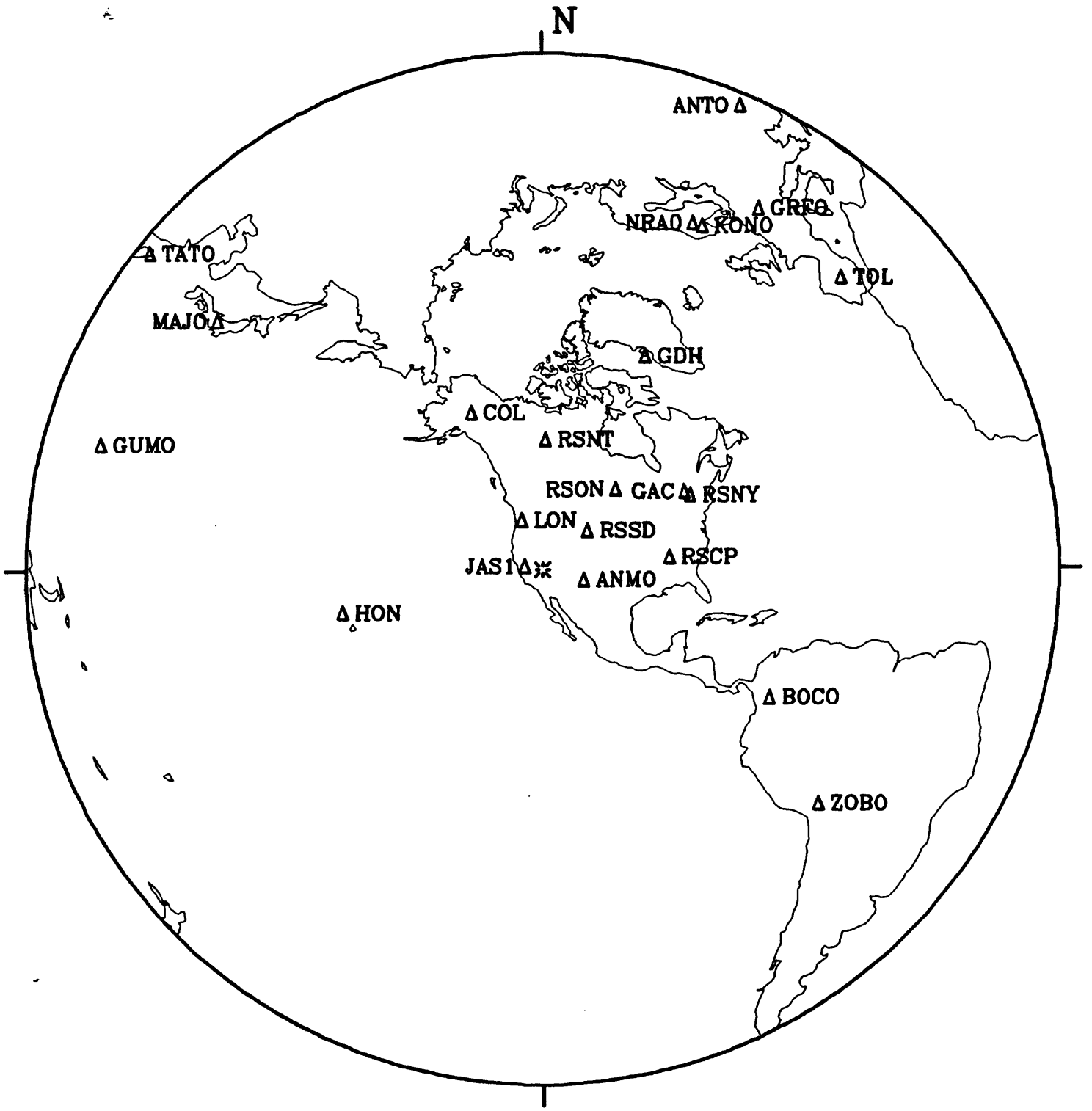
IPZ 24 June 1986 19:31:09.64 IPZ

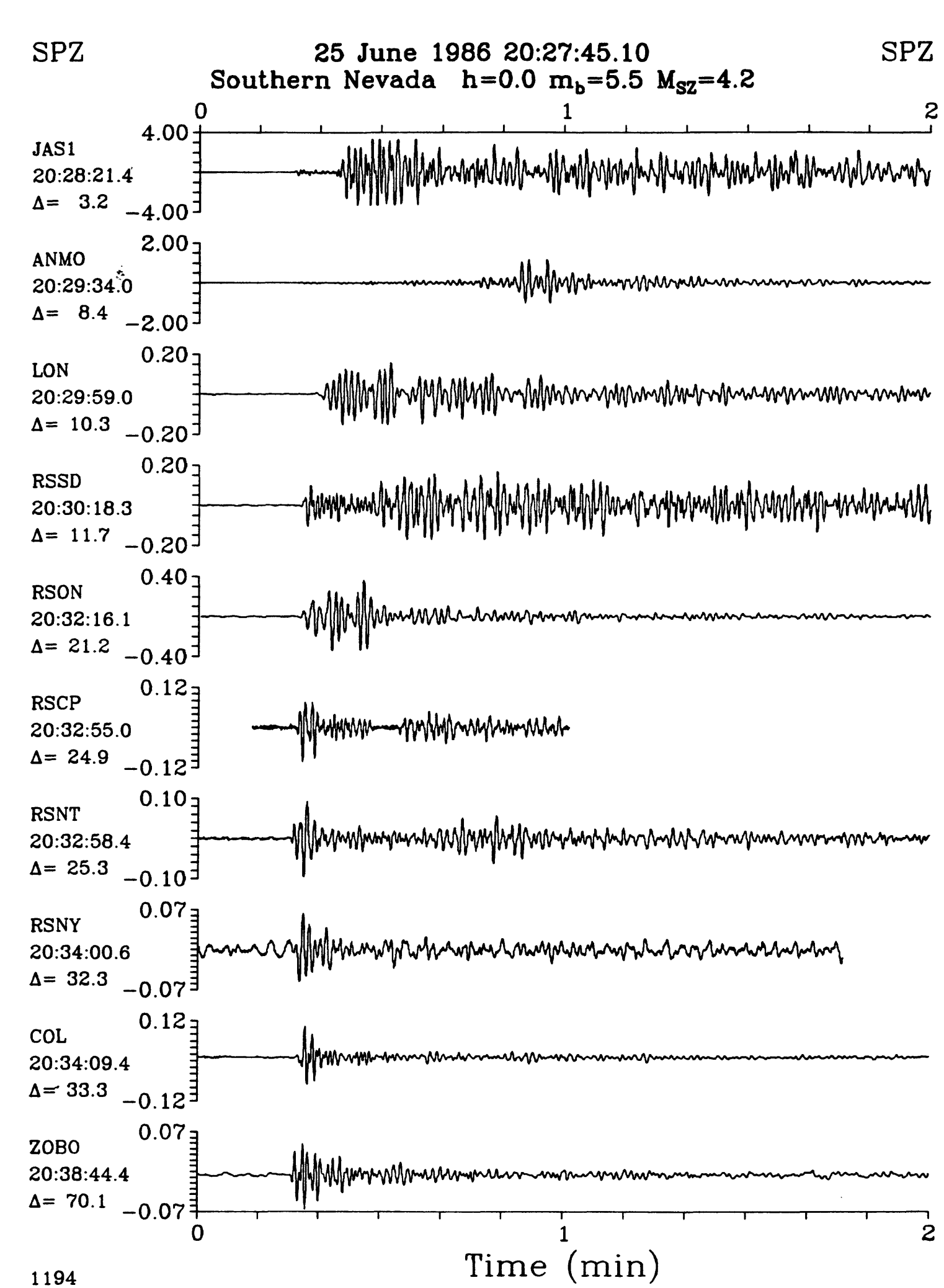
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=5.8



25 June 1986 20:27:45.10

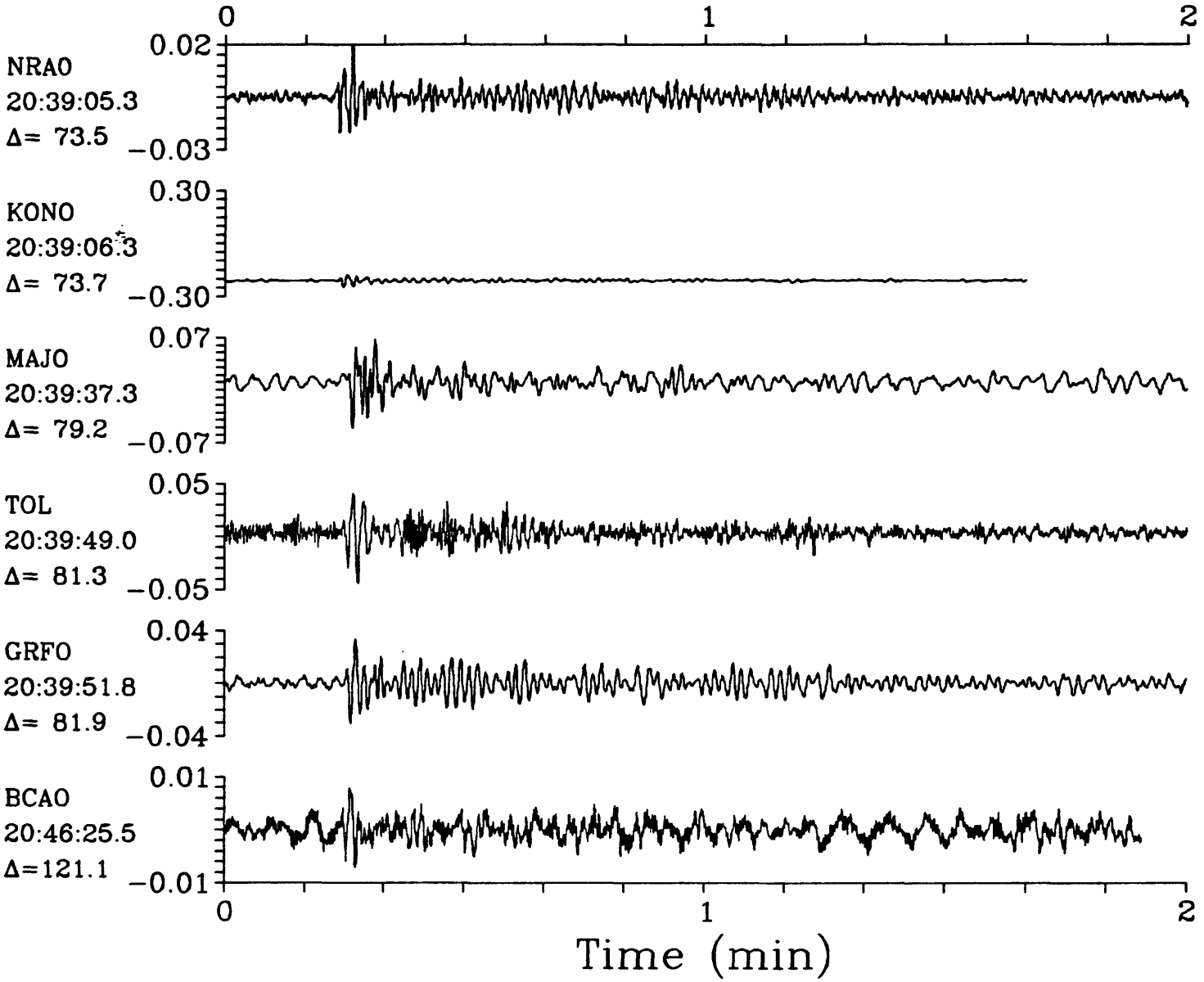
Southern Nevada

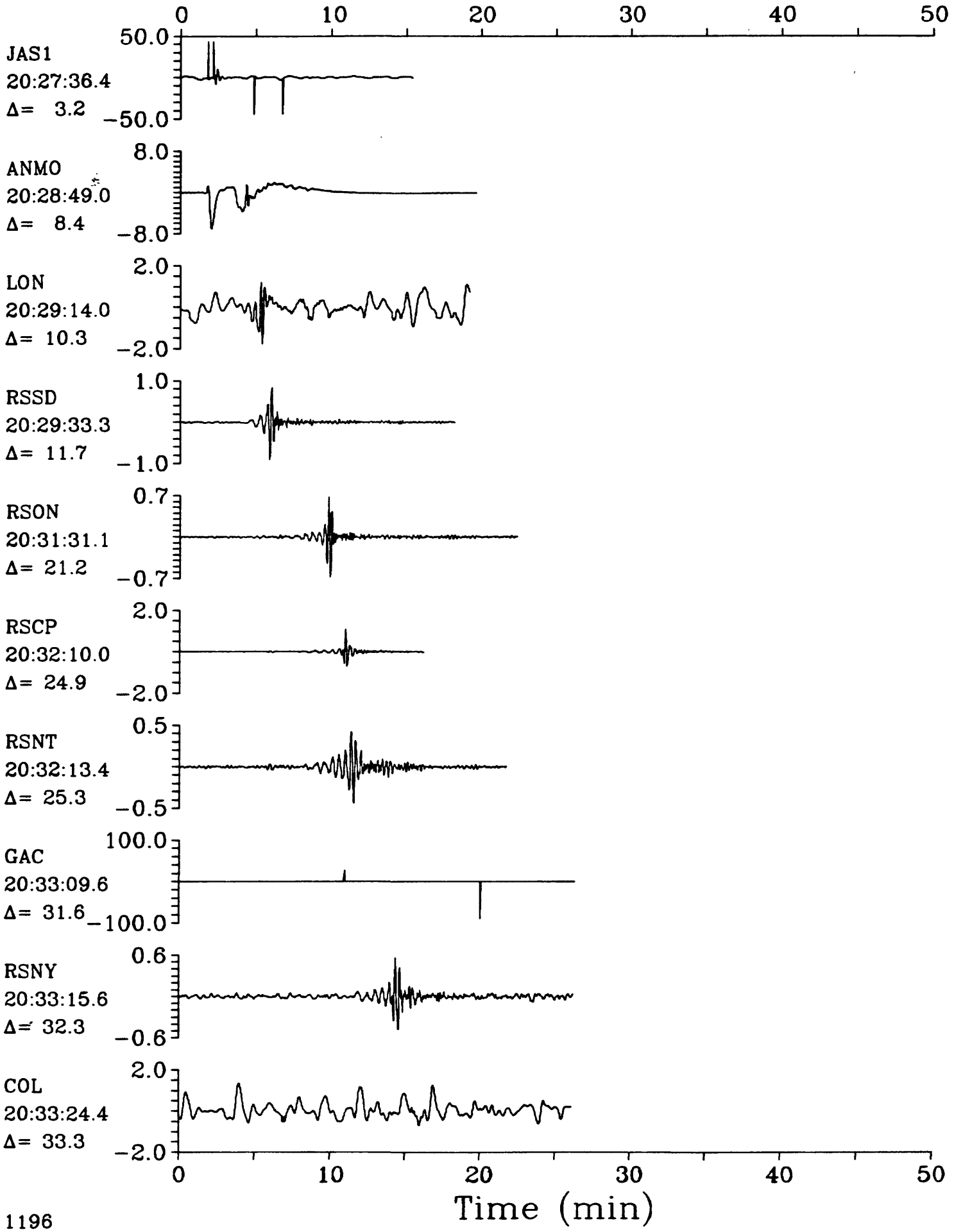


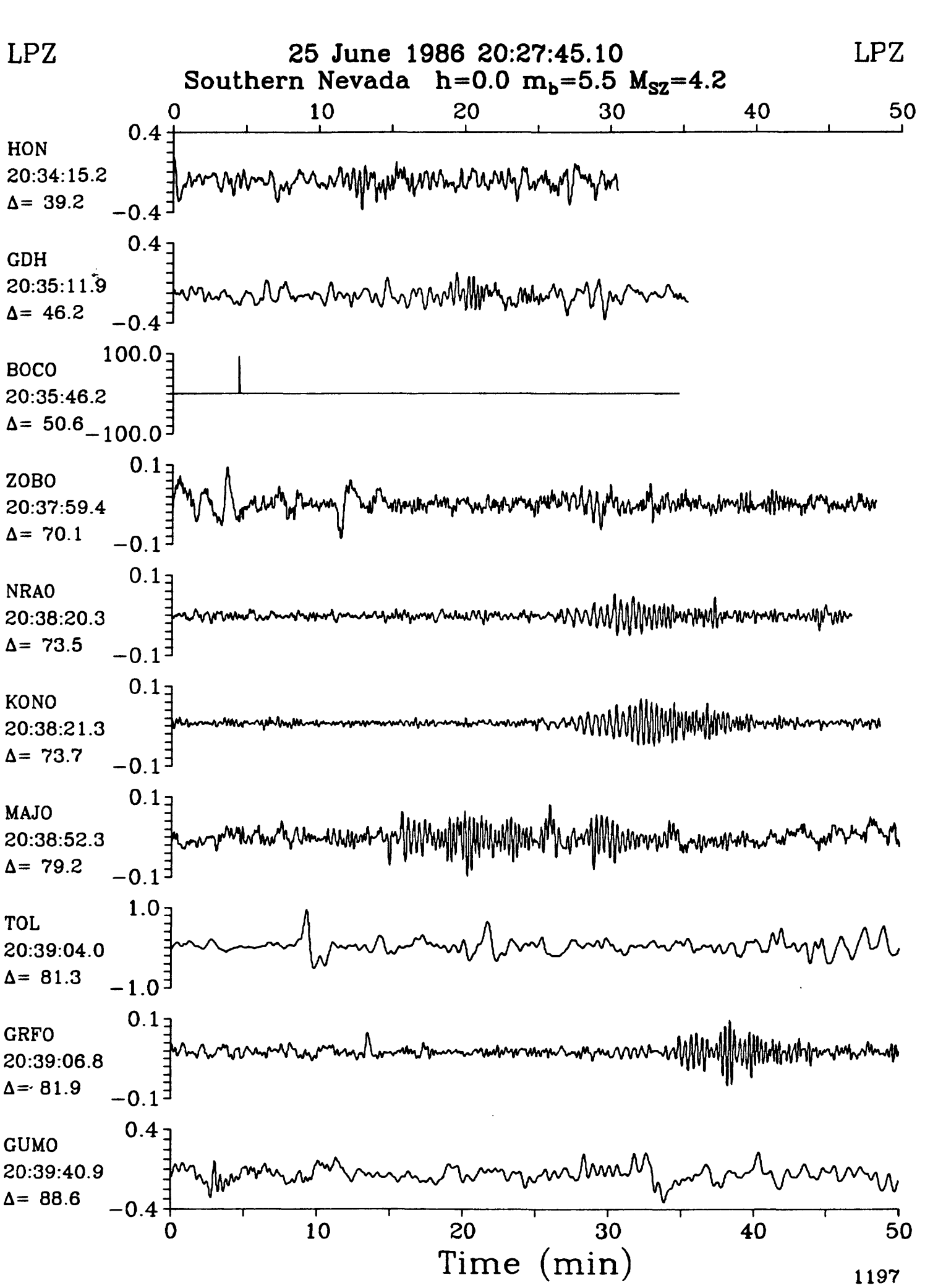

SPZ
25 June 1986 20:27:45.10
Southern Nevada h=0.0 m_b=5.5 M_{SZ}=4.2
SPZ
0
1
2
JAS1
20:28:21.4
Δ= 3.2
4.00
-4.00
ANMO
20:29:34.0
Δ= 8.4
2.00
-2.00
LON
20:29:59.0
Δ= 10.3
0.20
-0.20
RSSD
20:30:18.3
Δ= 11.7
0.20
-0.20
RSON
20:32:16.1
Δ= 21.2
0.40
-0.40
RSCP
20:32:55.0
Δ= 24.9
0.12
-0.12
RSNT
20:32:58.4
Δ= 25.3
0.10
-0.10
RSNY
20:34:00.6
Δ= 32.3
0.07
-0.07
COL
20:34:09.4
Δ= 33.3
0.12
-0.12
ZOBO
20:38:44.4
Δ= 70.1
0.07
-0.07
0
1
2
Time (min)

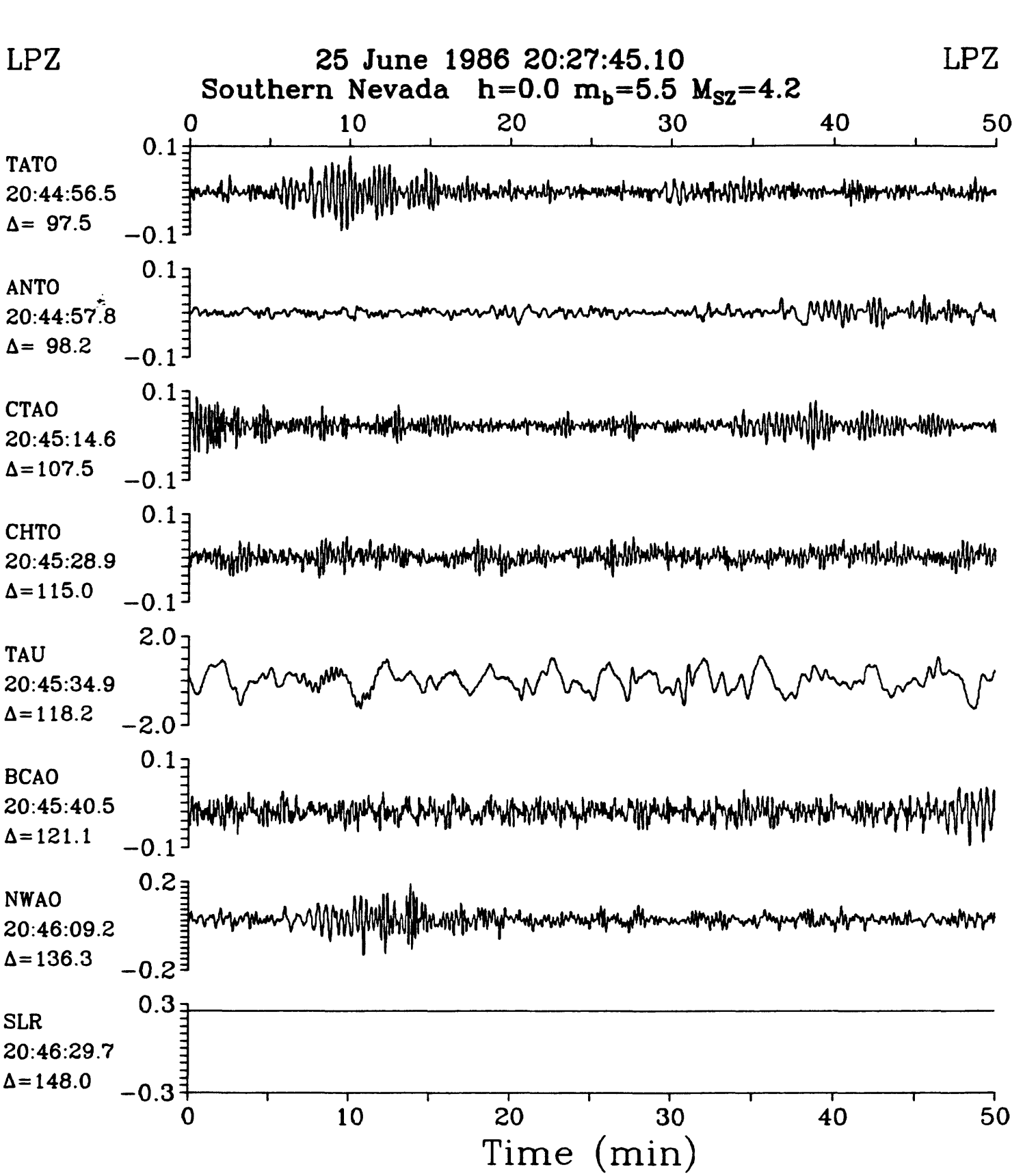
25 June 1986 20:27:45.10

Southern Nevada h=0.0 m_b=5.5 M_{SZ}=4.2



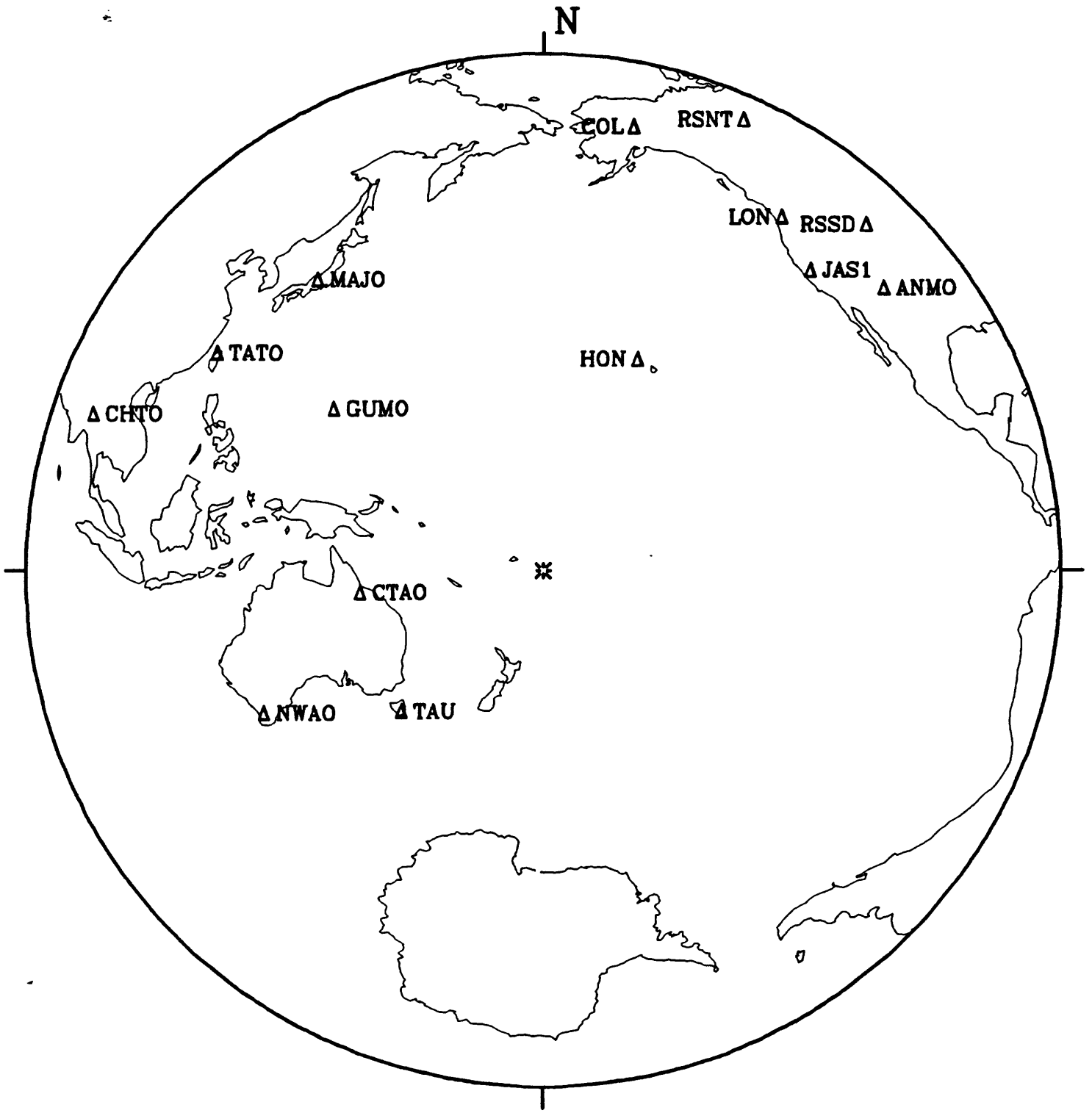

LPZ
25 June 1986 20:27:45.10
Southern Nevada h=0.0 m_b=5.5 M_{SZ}=4.2
LPZ
0
10
20
30
40
50
JAS1
20:27:36.4
Δ= 3.2
50.0
-50.0
ANMO
20:28:49.0
Δ= 8.4
8.0
-8.0
LON
20:29:14.0
Δ= 10.3
2.0
-2.0
RSSD
20:29:33.3
Δ= 11.7
1.0
-1.0
RSON
20:31:31.1
Δ= 21.2
0.7
-0.7
RSCP
20:32:10.0
Δ= 24.9
2.0
-2.0
RSNT
20:32:13.4
Δ= 25.3
0.5
-0.5
GAC
20:33:09.6
Δ= 31.6
100.0
-100.0
RSNY
20:33:15.6
Δ= 32.3
0.6
-0.6
COL
20:33:24.4
Δ= 33.3
2.0
-2.0
0
10
20
30
40
50
Time (min)

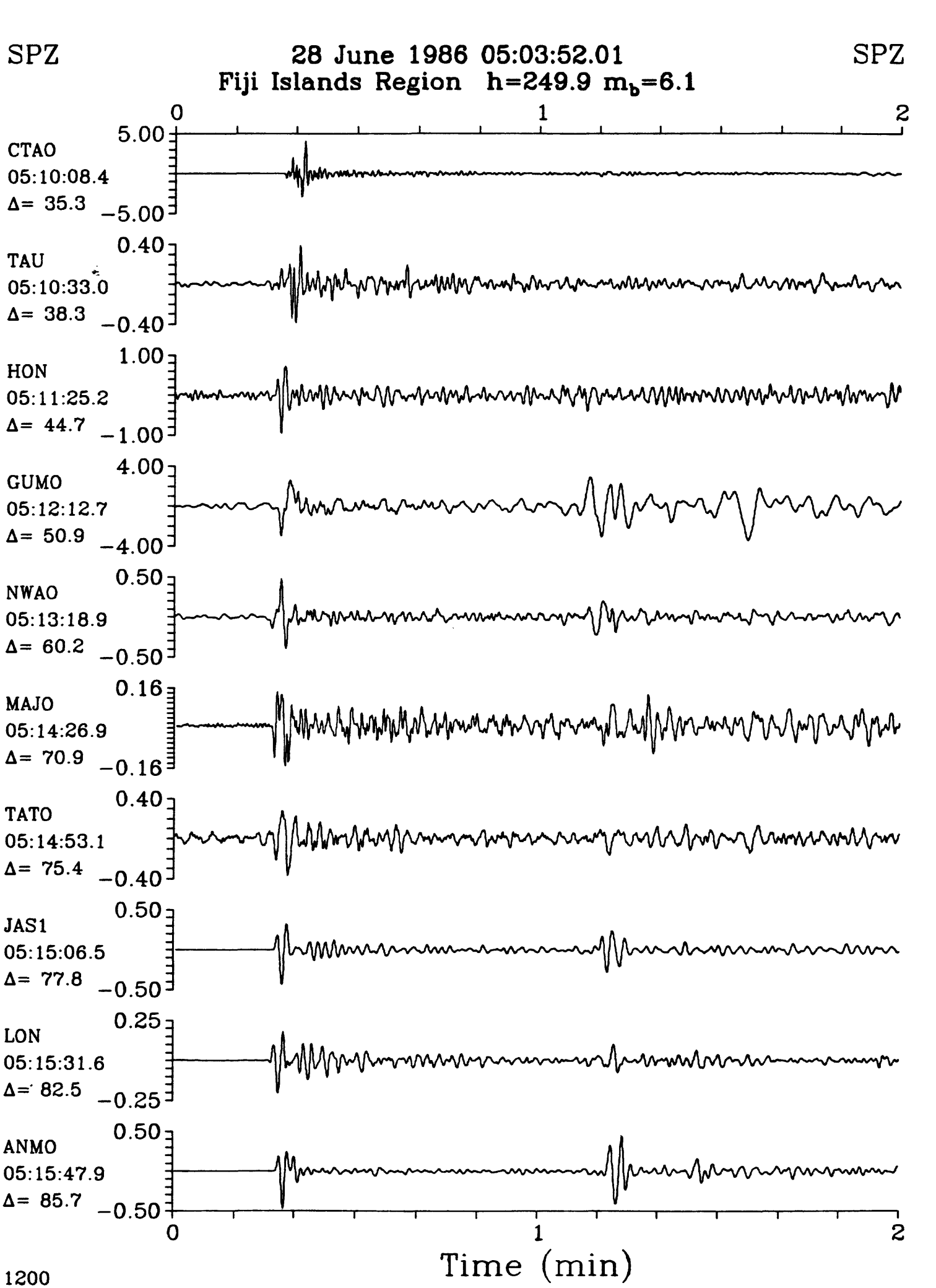

LPZ
25 June 1986 20:27:45.10
Southern Nevada h=0.0 m_b=5.5 M_{SZ}=4.2
LPZ
0
10
20
30
40
50
HON
20:34:15.2
Δ= 39.2
0.4
−0.4
GDH
20:35:11.9
Δ= 46.2
0.4
−0.4
BOCO
20:35:46.2
Δ= 50.6
100.0
−100.0
ZOBO
20:37:59.4
Δ= 70.1
0.1
−0.1
NRAO
20:38:20.3
Δ= 73.5
0.1
−0.1
KONO
20:38:21.3
Δ= 73.7
0.1
−0.1
MAJO
20:38:52.3
Δ= 79.2
0.1
−0.1
TOL
20:39:04.0
Δ= 81.3
1.0
−1.0
GRFO
20:39:06.8
Δ= 81.9
0.1
−0.1
GUMO
20:39:40.9
Δ= 88.6
0.4
−0.4
0
10
20
30
40
50
Time (min)

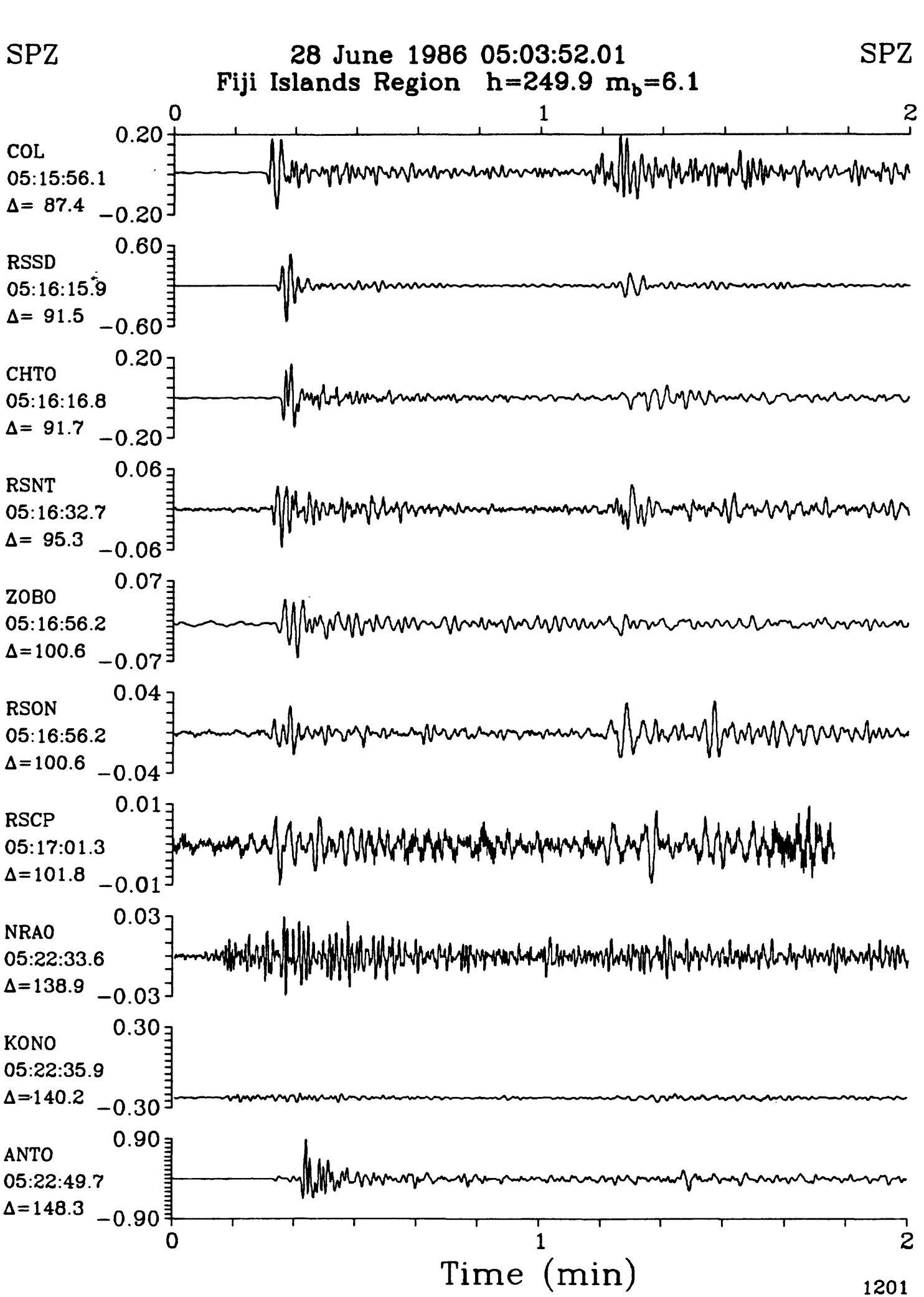

LPZ
25 June 1986 20:27:45.10
Southern Nevada h=0.0 m_b=5.5 M_{SZ}=4.2
LPZ
0
10
20
30
40
50
TATO
20:44:56.5
Δ= 97.5
0.1
−0.1
ANTO
20:44:57.8
Δ= 98.2
0.1
−0.1
CTAO
20:45:14.6
Δ=107.5
0.1
−0.1
CHTO
20:45:28.9
Δ=115.0
0.1
−0.1
TAU
20:45:34.9
Δ=118.2
2.0
−2.0
BCAO
20:45:40.5
Δ=121.1
0.1
−0.1
NWAO
20:46:09.2
Δ=136.3
0.2
−0.2
SLR
20:46:29.7
Δ=148.0
0.3
−0.3
0
10
20
30
40
50
Time (min)

28 June 1986 05:03:52.01

Fiji Islands Region




SPZ
28 June 1986 05:03:52.01
Fiji Islands Region h=249.9 m_b=6.1
SPZ
0
1
2
CTAO
05:10:08.4
Δ= 35.3
5.00
-5.00
TAU
05:10:33.0
Δ= 38.3
0.40
-0.40
HON
05:11:25.2
Δ= 44.7
1.00
-1.00
GUMO
05:12:12.7
Δ= 50.9
4.00
-4.00
NWAO
05:13:18.9
Δ= 60.2
0.50
-0.50
MAJO
05:14:26.9
Δ= 70.9
0.16
-0.16
TATO
05:14:53.1
Δ= 75.4
0.40
-0.40
JAS1
05:15:06.5
Δ= 77.8
0.50
-0.50
LON
05:15:31.6
Δ= 82.5
0.25
-0.25
ANMO
05:15:47.9
Δ= 85.7
0.50
-0.50
0
1
2
Time (min)
1200

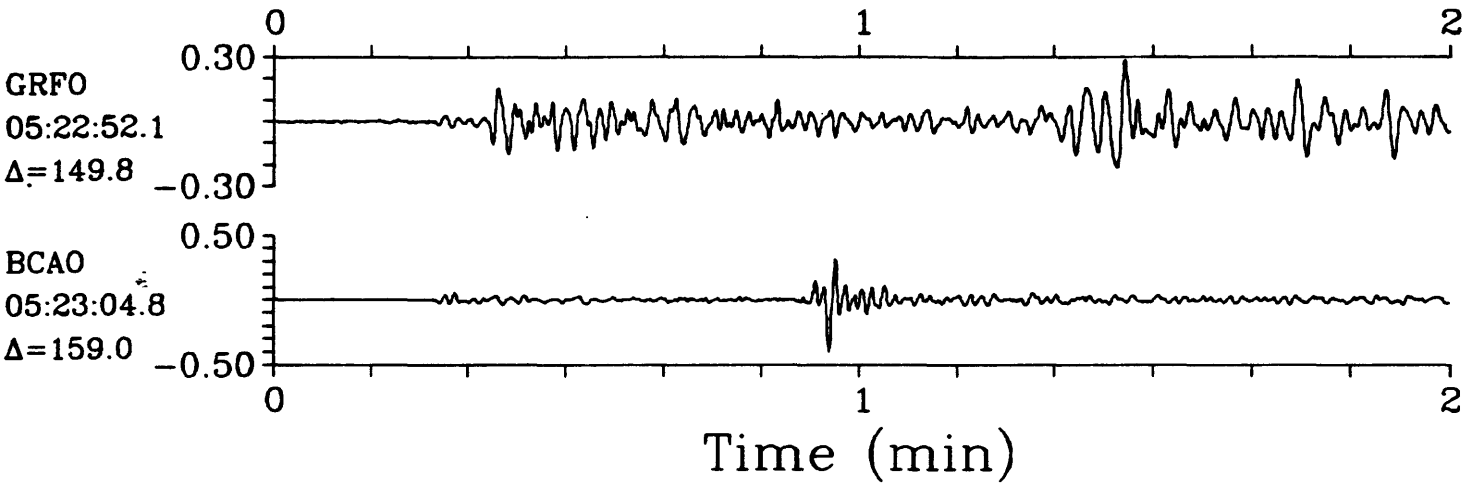

SPZ
28 June 1986 05:03:52.01
Fiji Islands Region h=249.9 m_b=6.1
SPZ
0
1
2
COL
05:15:56.1
Δ= 87.4
0.20
-0.20
RSSD
05:16:15.9
Δ= 91.5
0.60
-0.60
CHTO
05:16:16.8
Δ= 91.7
0.20
-0.20
RSNT
05:16:32.7
Δ= 95.3
0.06
-0.06
ZOBO
05:16:56.2
Δ=100.6
0.07
-0.07
RSON
05:16:56.2
Δ=100.6
0.04
-0.04
RSCP
05:17:01.3
Δ=101.8
0.01
-0.01
NRAO
05:22:33.6
Δ=138.9
0.03
-0.03
KONO
05:22:35.9
Δ=140.2
0.30
-0.30
ANTO
05:22:49.7
Δ=148.3
0.90
-0.90
0
1
2
Time (min)
1201

SPZ

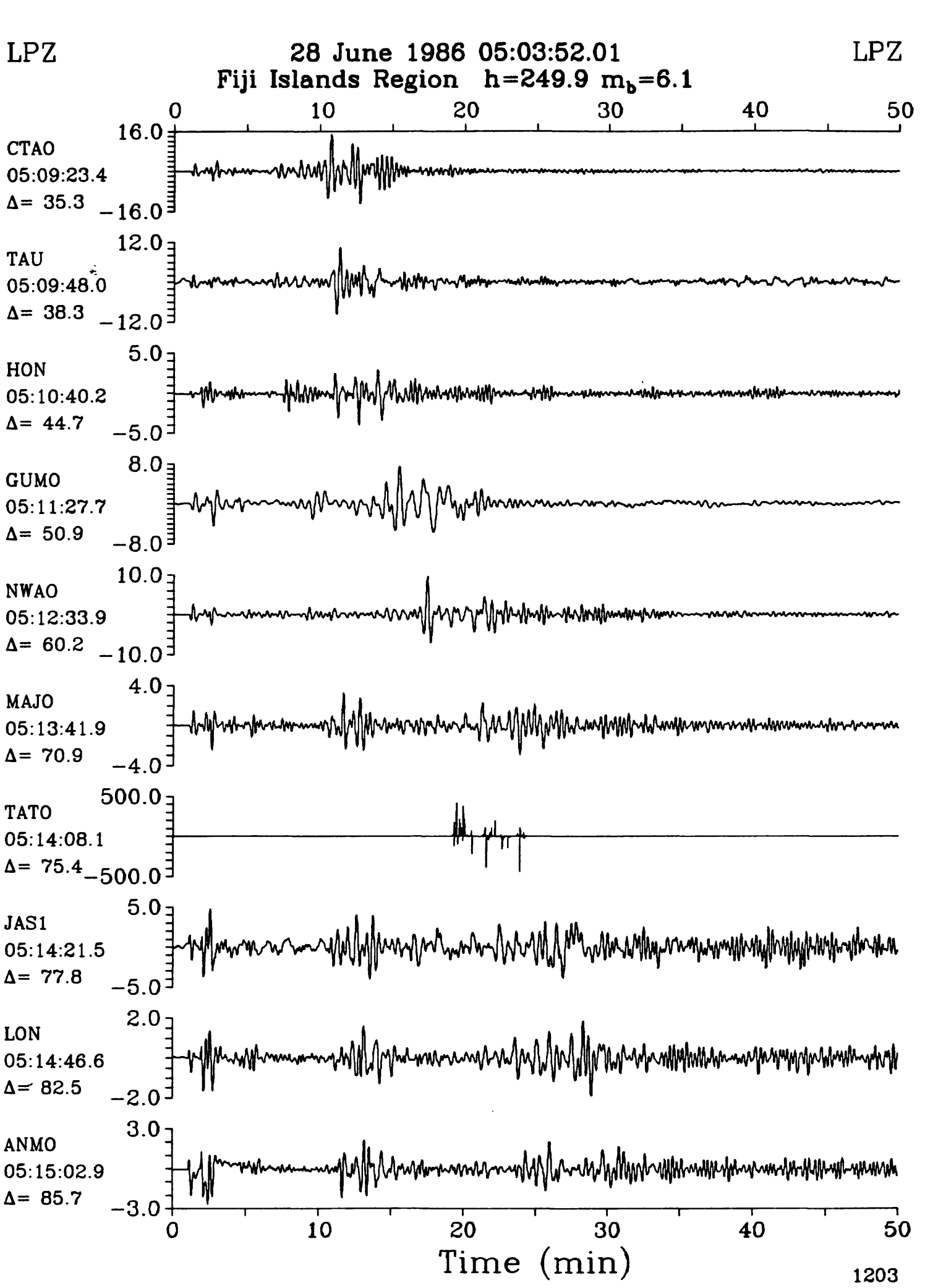
28 June 1986 05:03:52.01

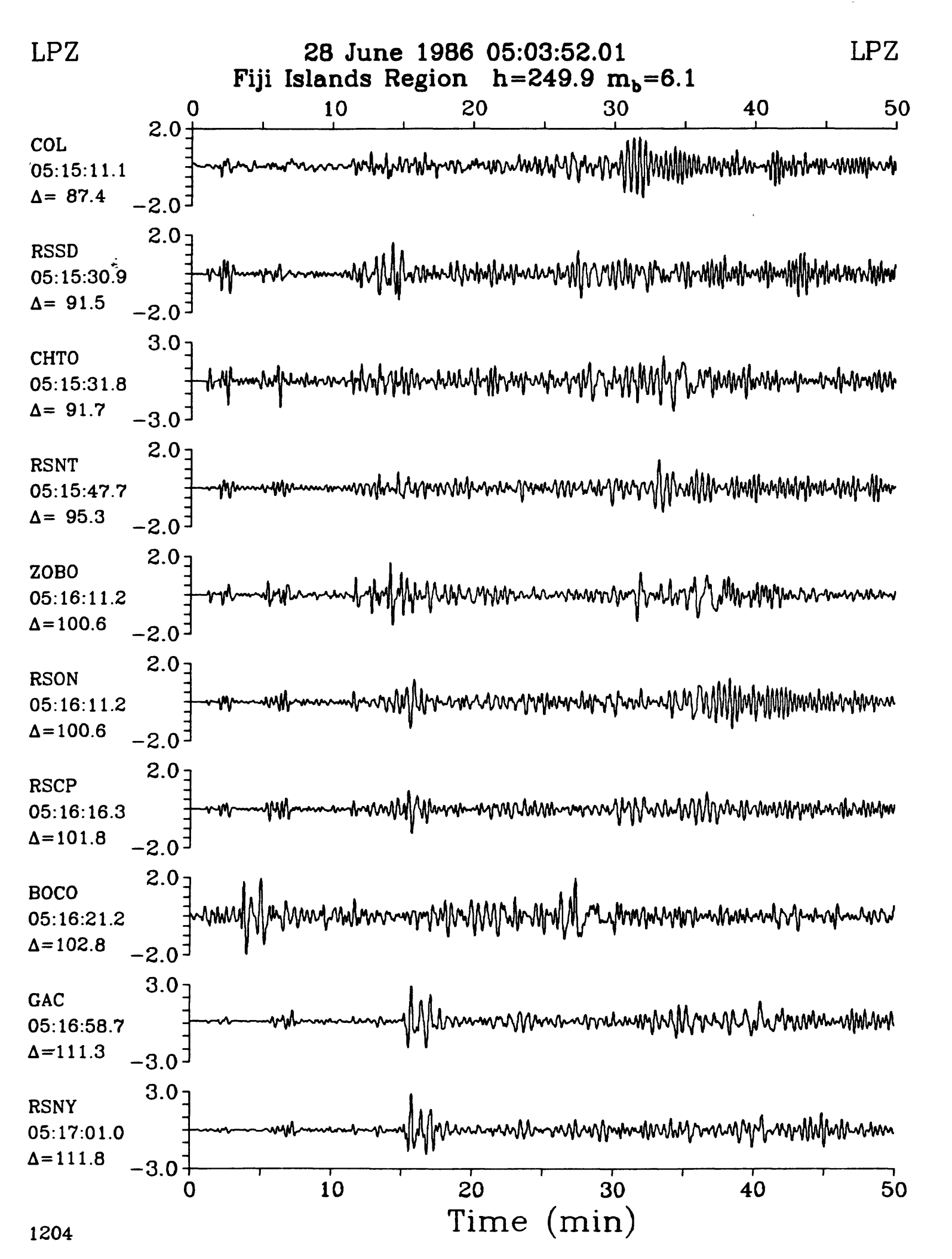
Fiji Islands Region h=249.9 m_b=6.1

SPZ



Time (min)


LPZ
28 June 1986 05:03:52.01
Fiji Islands Region h=249.9 m_b=6.1
LPZ
0
10
20
30
40
50
CTAO
05:09:23.4
Δ= 35.3
16.0
-16.0
TAU
05:09:48.0
Δ= 38.3
12.0
-12.0
HON
05:10:40.2
Δ= 44.7
5.0
-5.0
GUMO
05:11:27.7
Δ= 50.9
8.0
-8.0
NWAO
05:12:33.9
Δ= 60.2
10.0
-10.0
MAJO
05:13:41.9
Δ= 70.9
4.0
-4.0
TATO
05:14:08.1
Δ= 75.4
500.0
-500.0
JAS1
05:14:21.5
Δ= 77.8
5.0
-5.0
LON
05:14:46.6
Δ= 82.5
2.0
-2.0
ANMO
05:15:02.9
Δ= 85.7
3.0
-3.0
0
10
20
30
40
50
Time (min)
1203

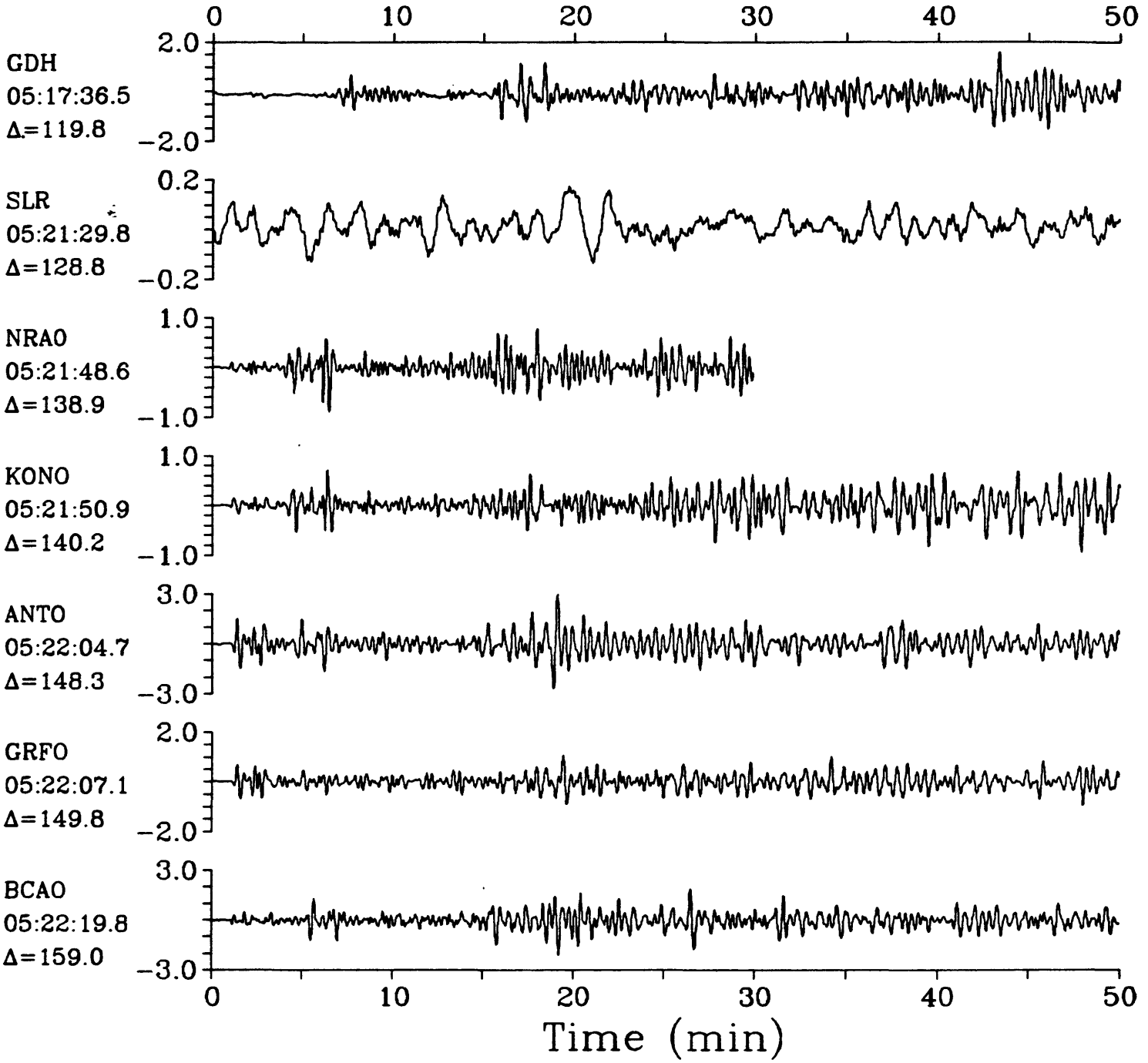

LPZ
28 June 1986 05:03:52.01
Fiji Islands Region h=249.9 m_b=6.1
LPZ
0
10
20
30
40
50
COL
05:15:11.1
Δ= 87.4
2.0
-2.0
RSSD
05:15:30.9
Δ= 91.5
2.0
-2.0
CHTO
05:15:31.8
Δ= 91.7
3.0
-3.0
RSNT
05:15:47.7
Δ= 95.3
2.0
-2.0
ZOBO
05:16:11.2
Δ=100.6
2.0
-2.0
RSON
05:16:11.2
Δ=100.6
2.0
-2.0
RSCP
05:16:16.3
Δ=101.8
2.0
-2.0
BOCO
05:16:21.2
Δ=102.8
2.0
-2.0
GAC
05:16:58.7
Δ=111.3
3.0
-3.0
RSNY
05:17:01.0
Δ=111.8
3.0
-3.0
0
10
20
30
40
50
Time (min)
1204

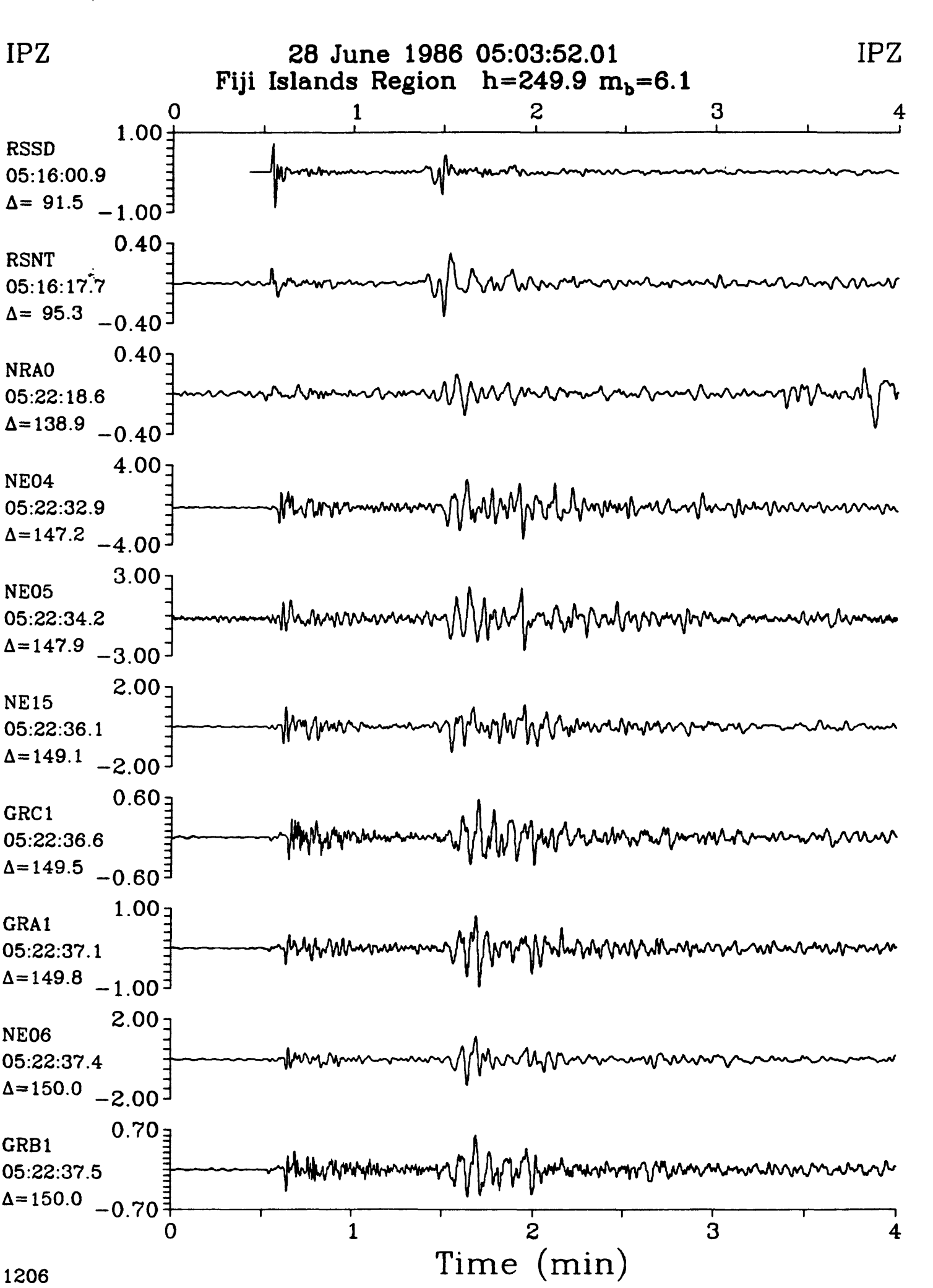
LPZ

28 June 1986 05:03:52.01

Fiji Islands Region h=249.9 m_b=6.1

LPZ

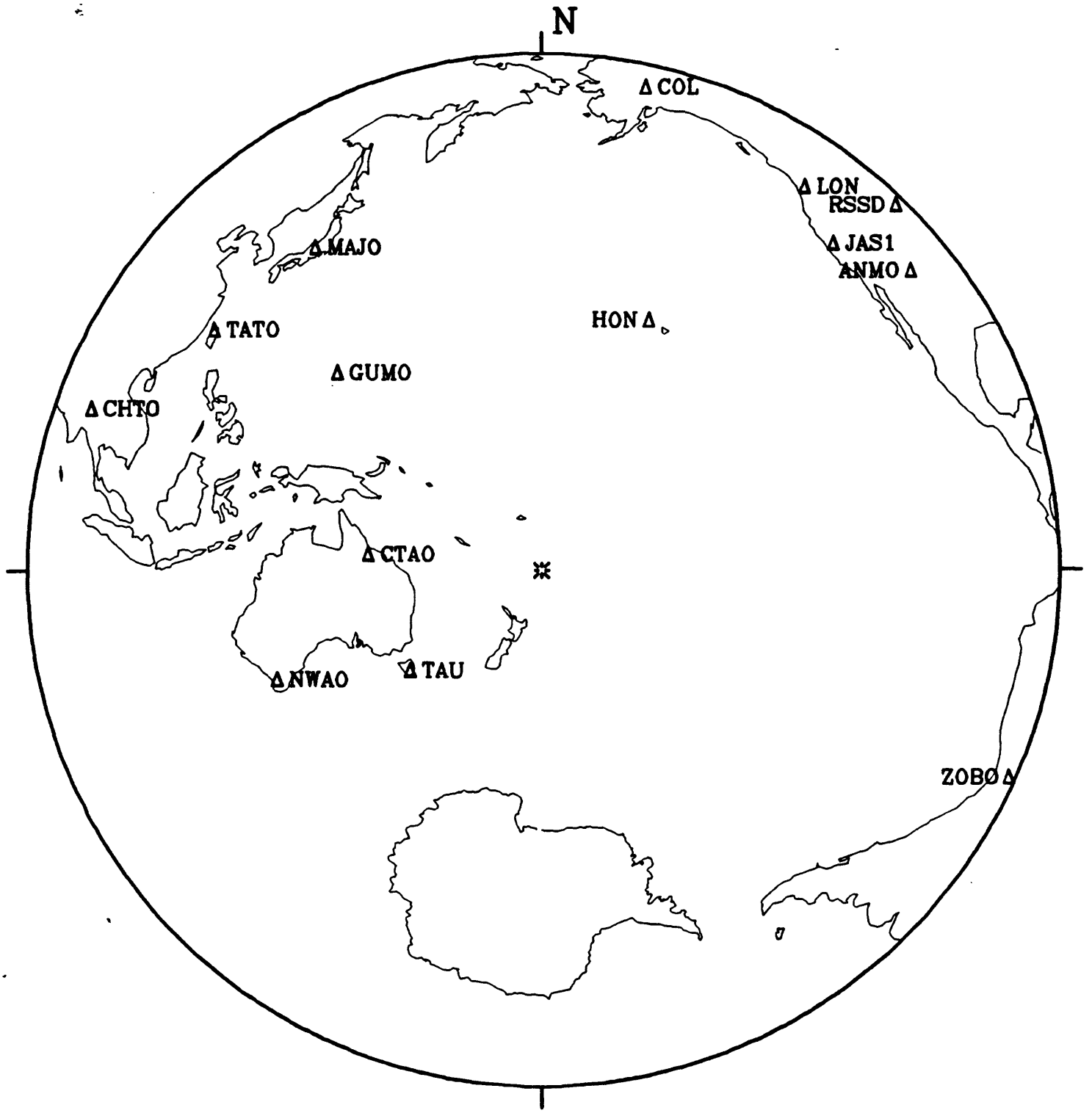


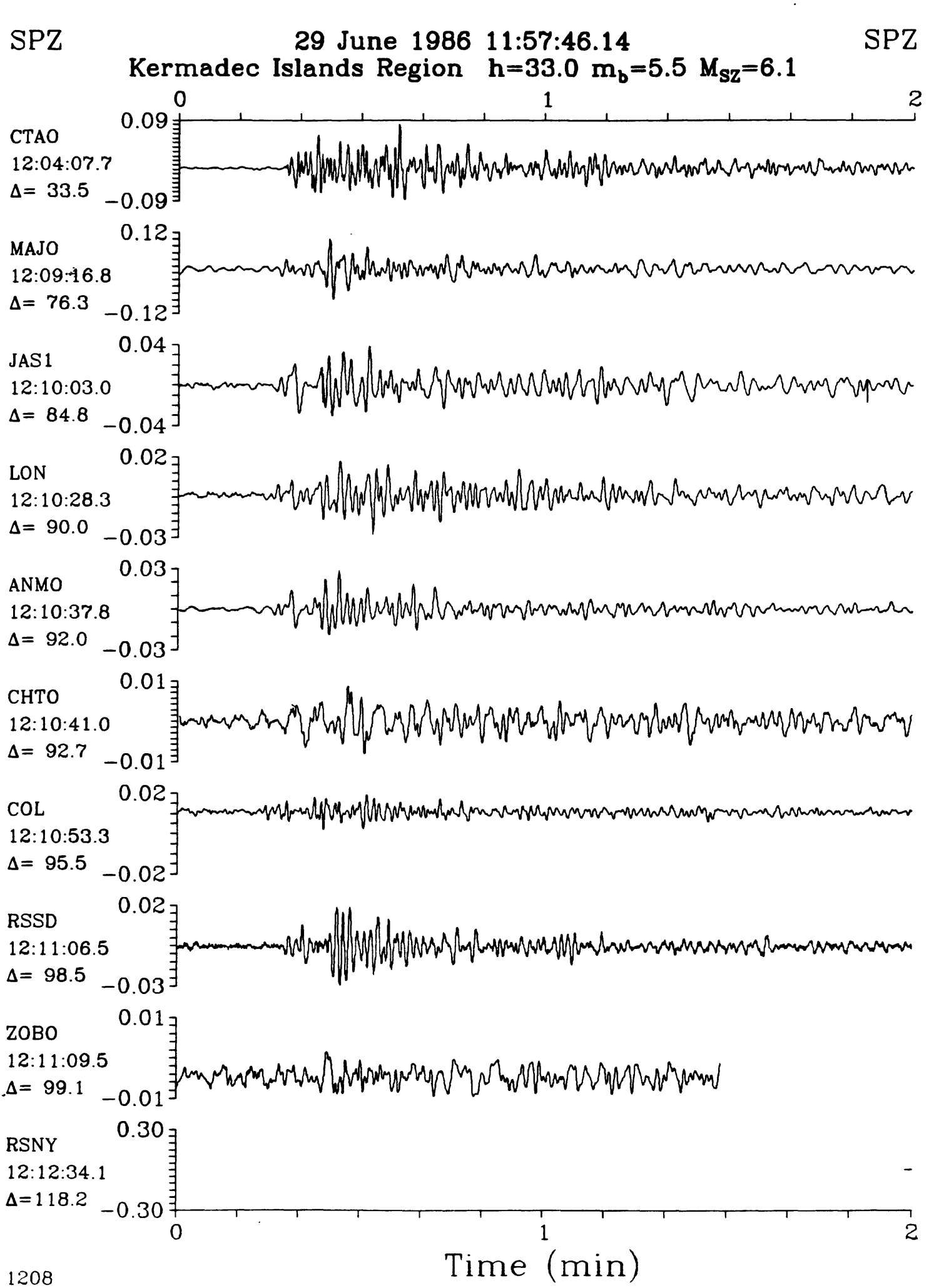

IPZ
28 June 1986 05:03:52.01
Fiji Islands Region h=249.9 m_b=6.1
IPZ
0
1
2
3
4
1.00
RSSD
05:16:00.9
Δ= 91.5
-1.00
0.40
RSNT
05:16:17.7
Δ= 95.3
-0.40
0.40
NRA0
05:22:18.6
Δ=138.9
-0.40
4.00
NE04
05:22:32.9
Δ=147.2
-4.00
3.00
NE05
05:22:34.2
Δ=147.9
-3.00
2.00
NE15
05:22:36.1
Δ=149.1
-2.00
0.60
GRC1
05:22:36.6
Δ=149.5
-0.60
1.00
GRA1
05:22:37.1
Δ=149.8
-1.00
2.00
NE06
05:22:37.4
Δ=150.0
-2.00
0.70
GRB1
05:22:37.5
Δ=150.0
-0.70
0
1
2
3
4
Time (min)

1206

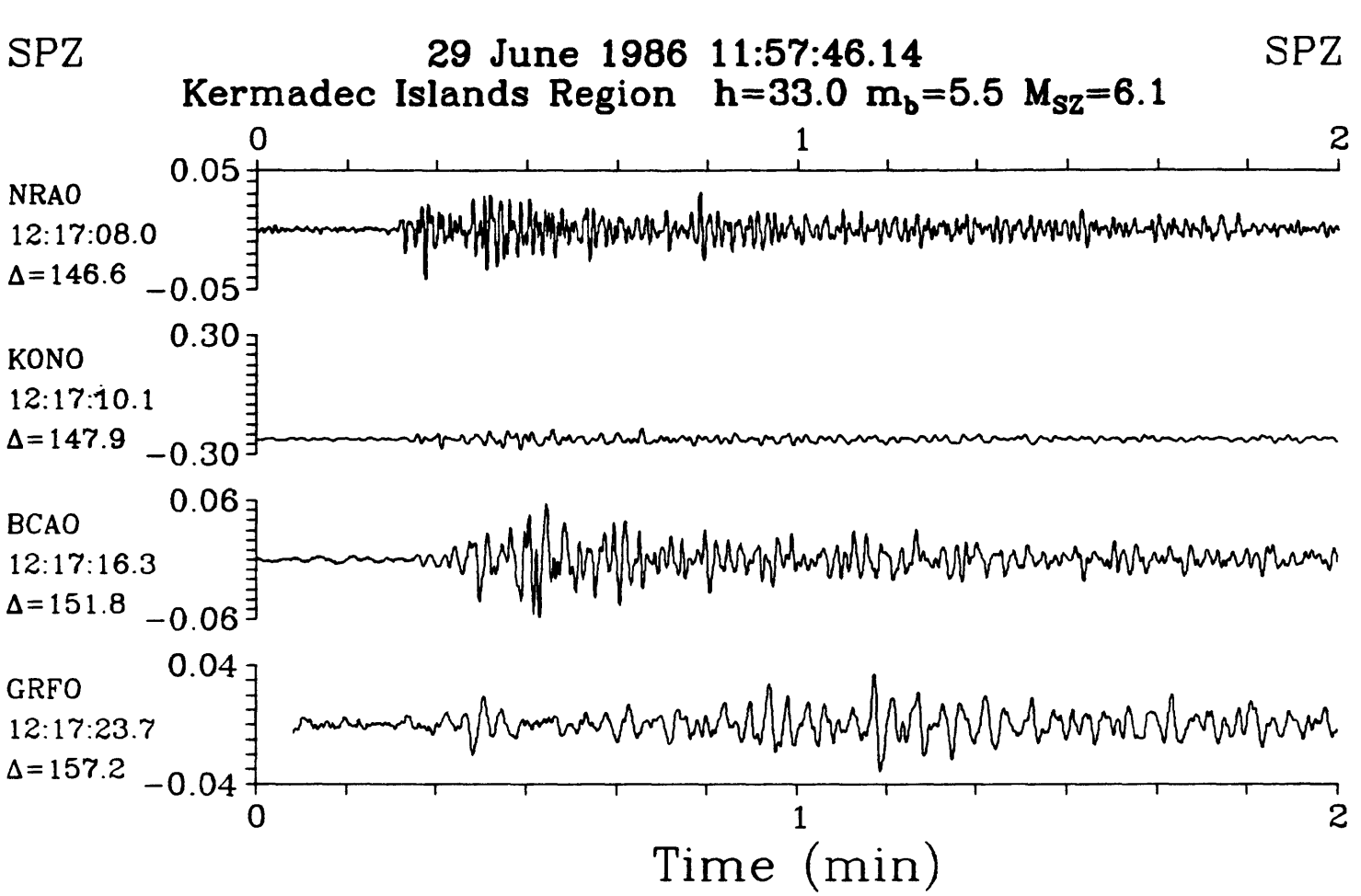
29 June 1986 11:57:46.14

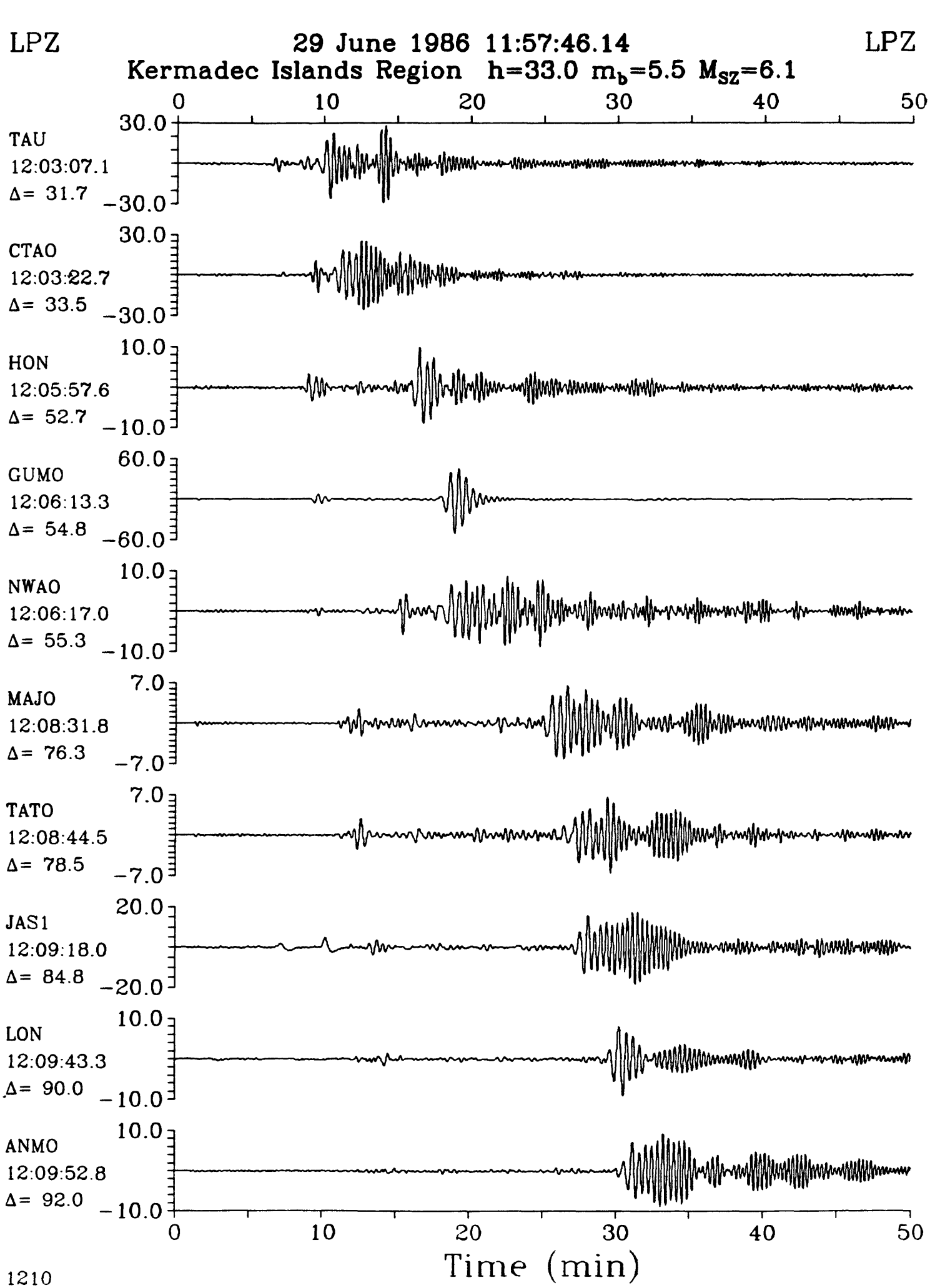
Kermadec Islands Region

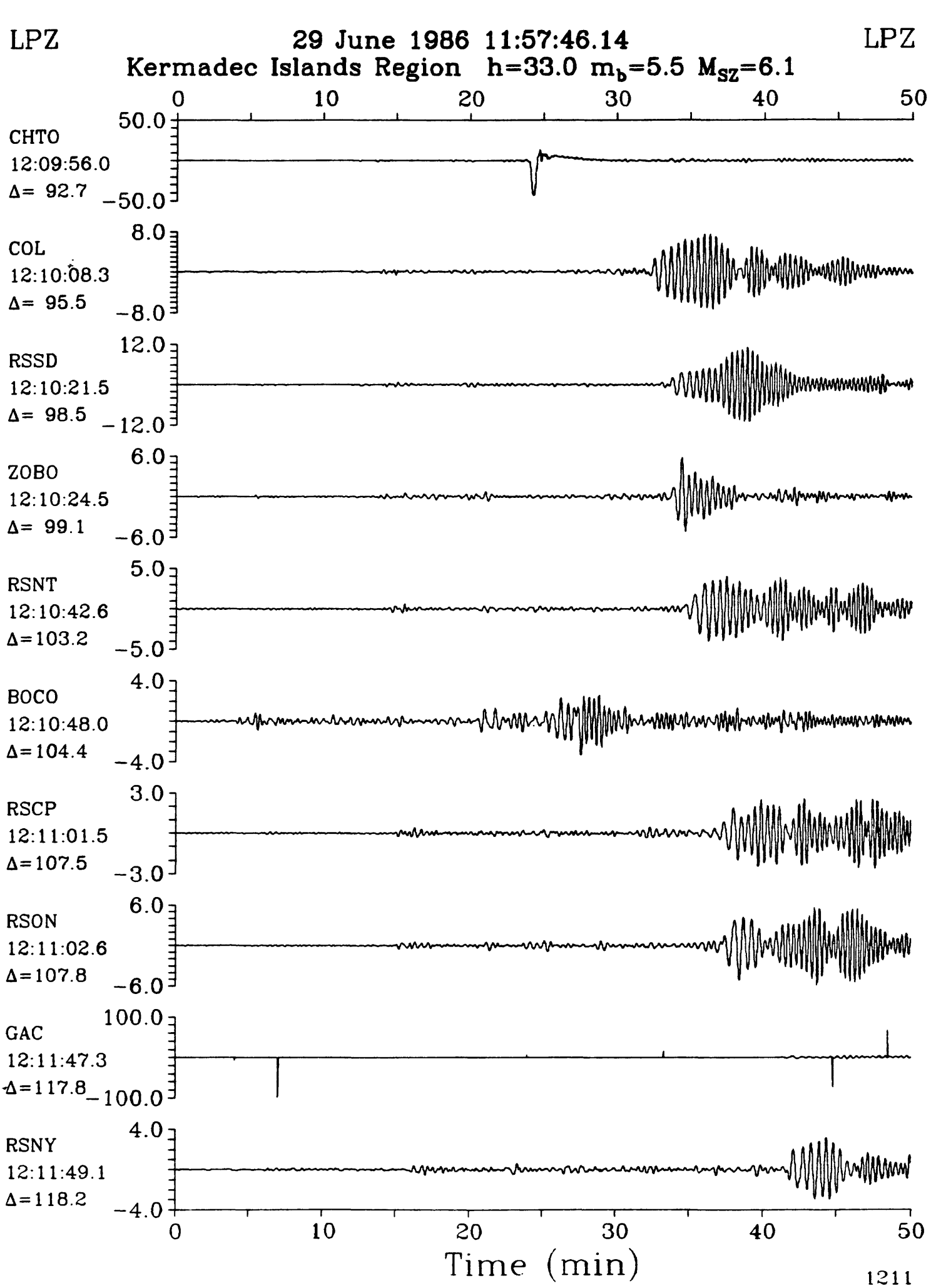


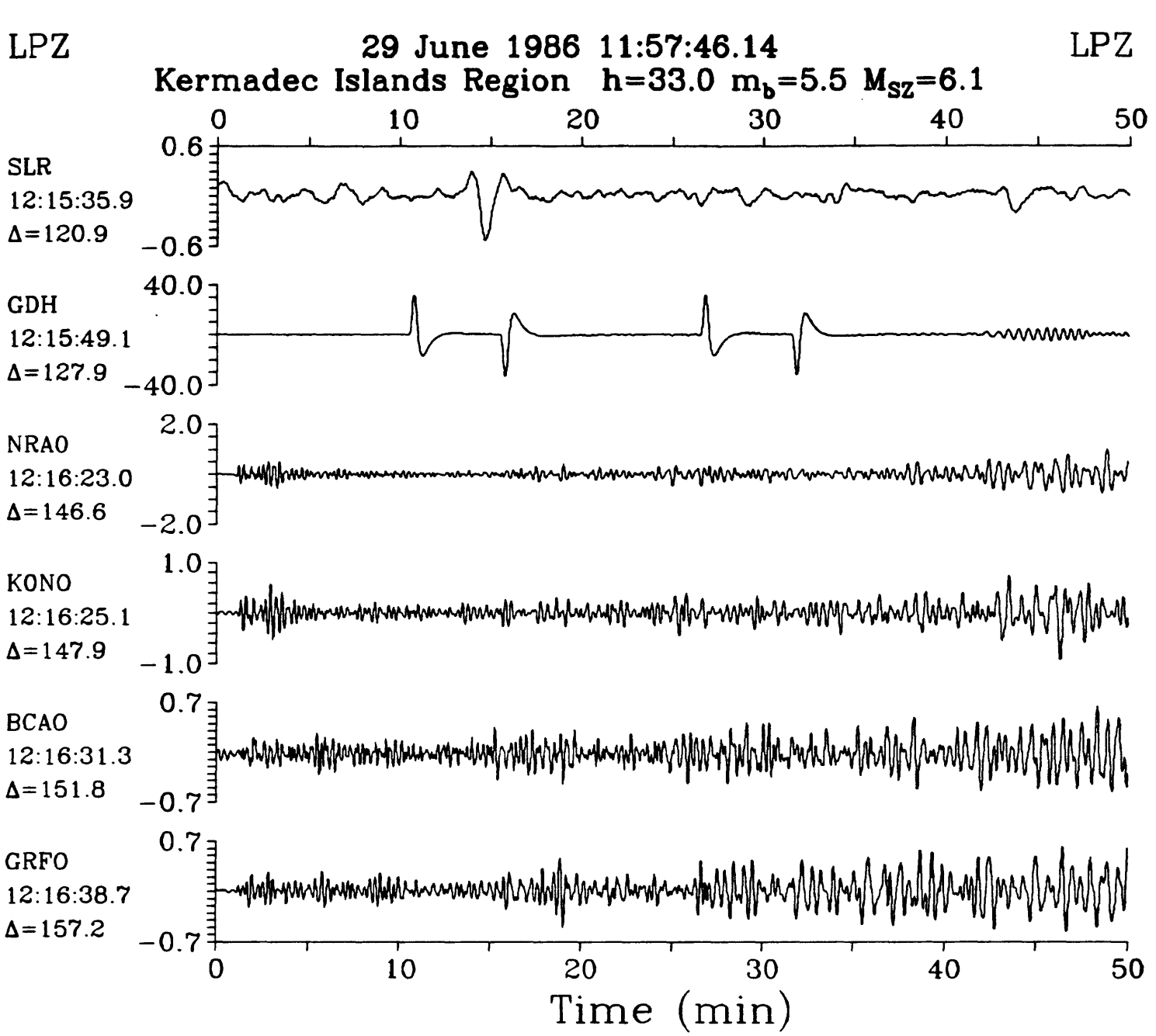

SPZ
29 June 1986 11:57:46.14
SPZ
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=6.1
0
1
2
0.09
CTAO
12:04:07.7
Δ= 33.5
−0.09
0.12
MAJO
12:09:16.8
Δ= 76.3
−0.12
0.04
JAS1
12:10:03.0
Δ= 84.8
−0.04
0.02
LON
12:10:28.3
Δ= 90.0
−0.03
0.03
ANMO
12:10:37.8
Δ= 92.0
−0.03
0.01
CHTO
12:10:41.0
Δ= 92.7
−0.01
0.02
COL
12:10:53.3
Δ= 95.5
−0.02
0.02
RSSD
12:11:06.5
Δ= 98.5
−0.03
0.01
ZOBO
12:11:09.5
Δ= 99.1
−0.01
0.30
RSNY
12:12:34.1
Δ=118.2
−0.30
0
1
2
Time (min)

1208


SPZ
29 June 1986 11:57:46.14
SPZ
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=6.1
0
1
2
0.05
NRAO
12:17:08.0
Δ=146.6
−0.05
0.30
KONO
12:17:10.1
Δ=147.9
−0.30
0.06
BCAO
12:17:16.3
Δ=151.8
−0.06
0.04
GRFO
12:17:23.7
Δ=157.2
−0.04
0
1
2
Time (min)


LPZ
29 June 1986 11:57:46.14
LPZ
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=6.1
0
10
20
30
40
50
TAU
12:03:07.1
Δ= 31.7
30.0
-30.0
CTAO
12:03:22.7
Δ= 33.5
30.0
-30.0
HON
12:05:57.6
Δ= 52.7
10.0
-10.0
GUMO
12:06:13.3
Δ= 54.8
60.0
-60.0
NWAO
12:06:17.0
Δ= 55.3
10.0
-10.0
MAJO
12:08:31.8
Δ= 76.3
7.0
-7.0
TATO
12:08:44.5
Δ= 78.5
7.0
-7.0
JAS1
12:09:18.0
Δ= 84.8
20.0
-20.0
LON
12:09:43.3
Δ= 90.0
10.0
-10.0
ANMO
12:09:52.8
Δ= 92.0
10.0
-10.0
0
10
20
30
40
50
Time (min)
1210


LPZ
29 June 1986 11:57:46.14
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=6.1
LPZ
0
10
20
30
40
50
CHTO
12:09:56.0
Δ= 92.7
50.0
-50.0
COL
12:10:08.3
Δ= 95.5
8.0
-8.0
RSSD
12:10:21.5
Δ= 98.5
12.0
-12.0
ZOBO
12:10:24.5
Δ= 99.1
6.0
-6.0
RSNT
12:10:42.6
Δ=103.2
5.0
-5.0
BOCO
12:10:48.0
Δ=104.4
4.0
-4.0
RSCP
12:11:01.5
Δ=107.5
3.0
-3.0
RSON
12:11:02.6
Δ=107.8
6.0
-6.0
GAC
12:11:47.3
Δ=117.8
100.0
-100.0
RSNY
12:11:49.1
Δ=118.2
4.0
-4.0
0
10
20
30
40
50
Time (min)
1211

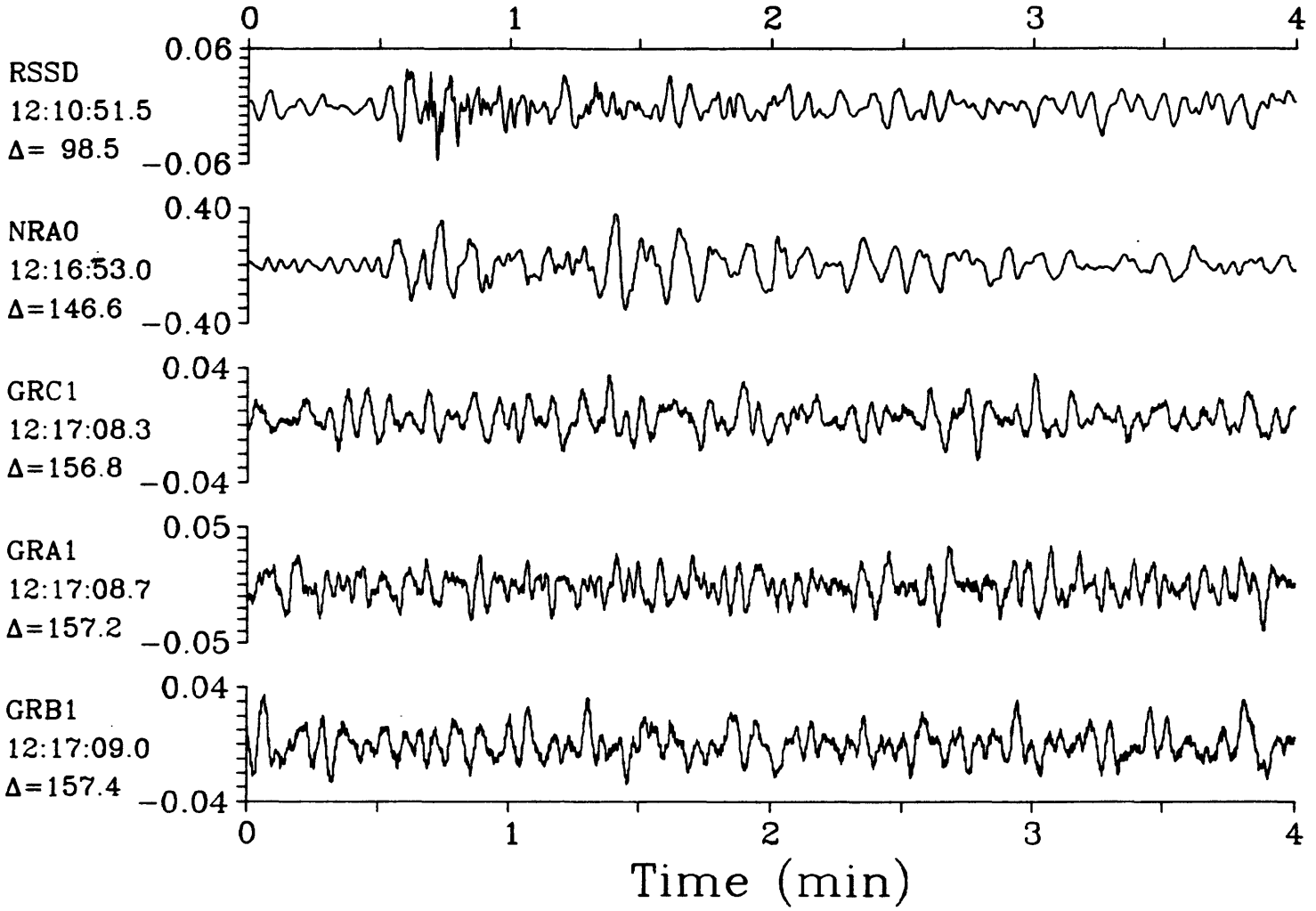

LPZ
29 June 1986 11:57:46.14
LPZ
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=6.1
0
10
20
30
40
50
SLR
12:15:35.9
Δ=120.9
0.6
-0.6
GDH
12:15:49.1
Δ=127.9
40.0
-40.0
NRAO
12:16:23.0
Δ=146.6
2.0
-2.0
KONO
12:16:25.1
Δ=147.9
1.0
-1.0
BCAO
12:16:31.3
Δ=151.8
0.7
-0.7
GRFO
12:16:38.7
Δ=157.2
0.7
-0.7
0
10
20
30
40
50
Time (min)

IPZ

29 June 1986 11:57:46.14

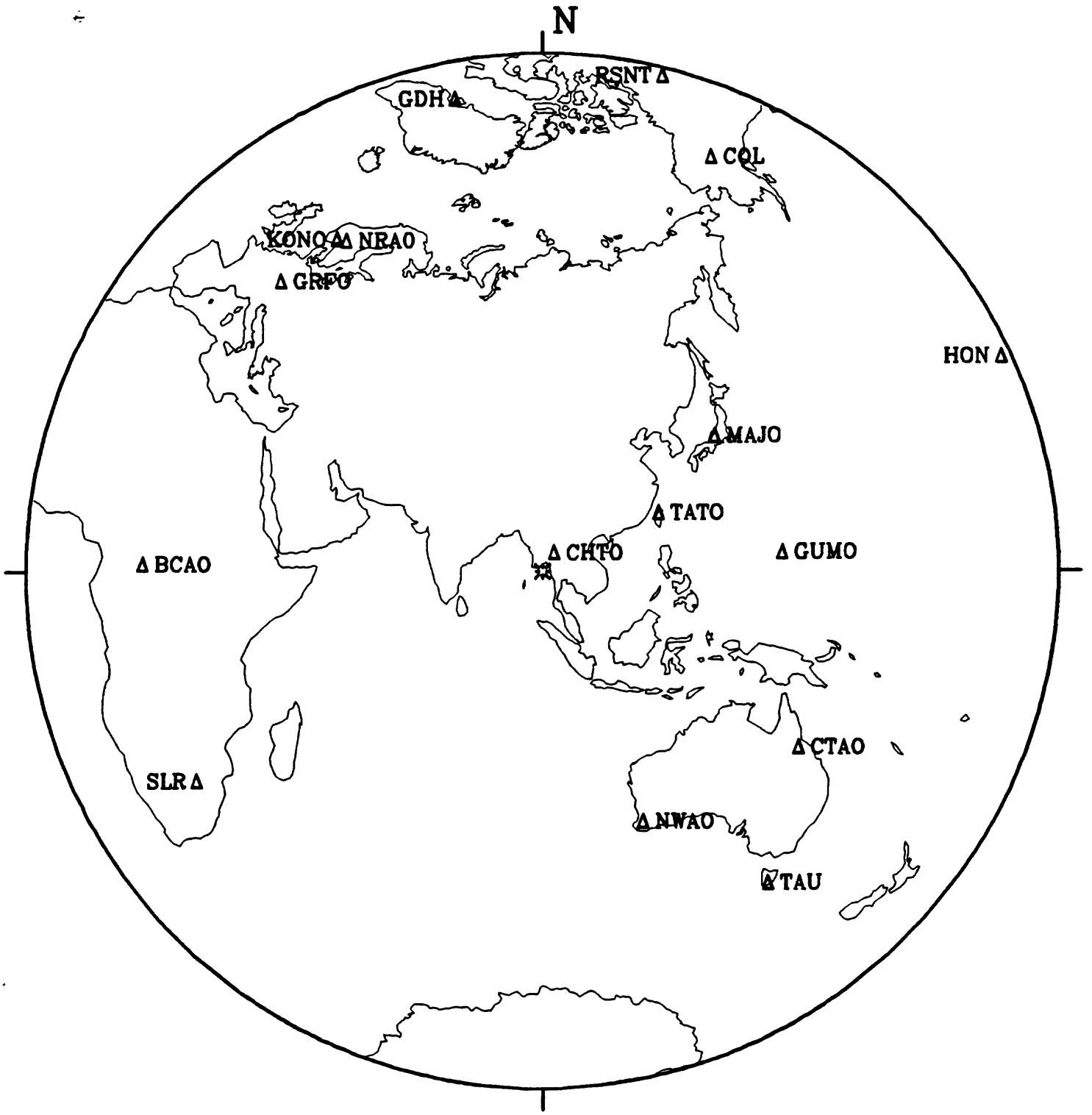
IPZ

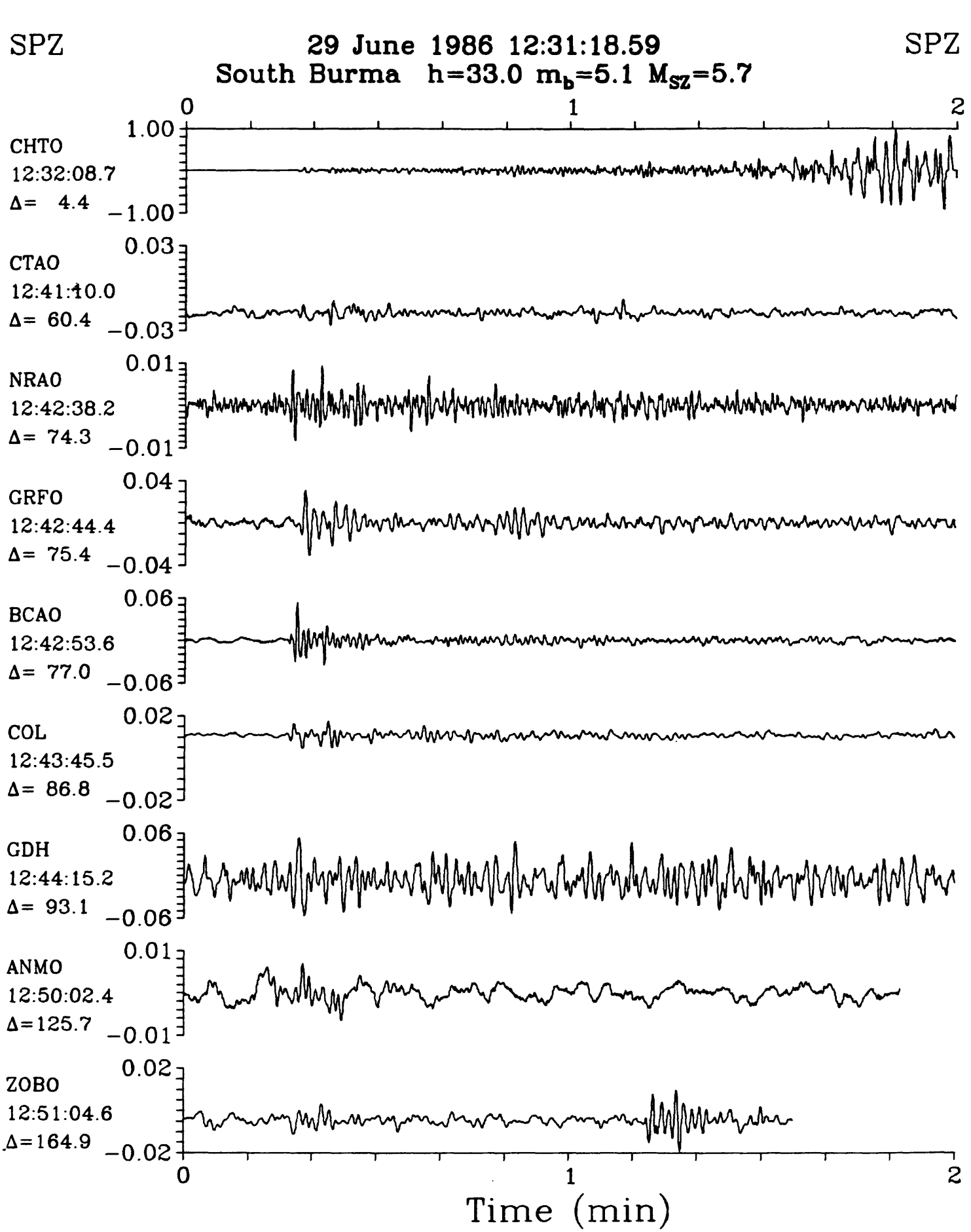
Kermadec Islands Region h=33.0 m_b=5.5 M_{SZ}=6.1

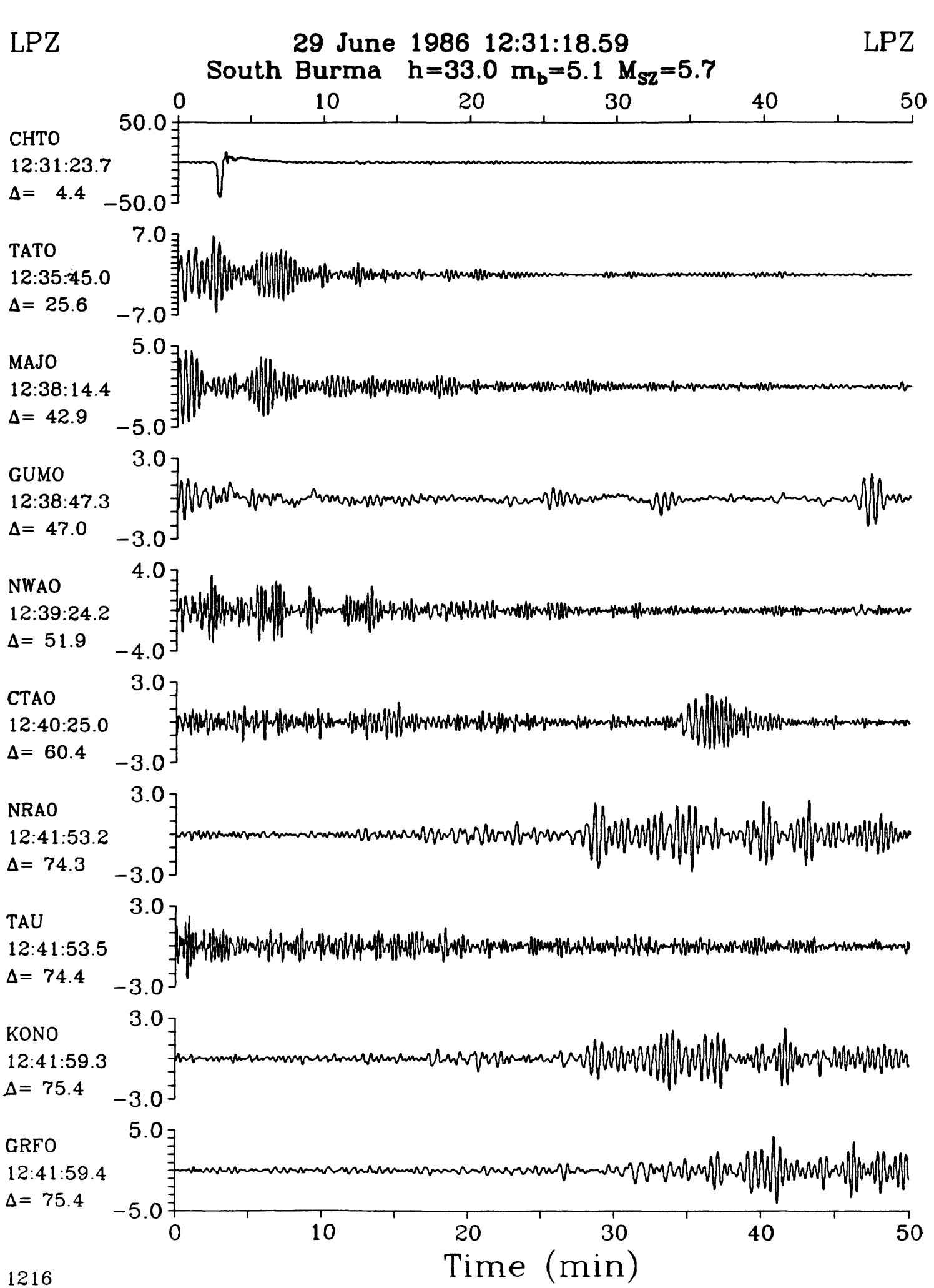


29 June 1986 12:31:18.59

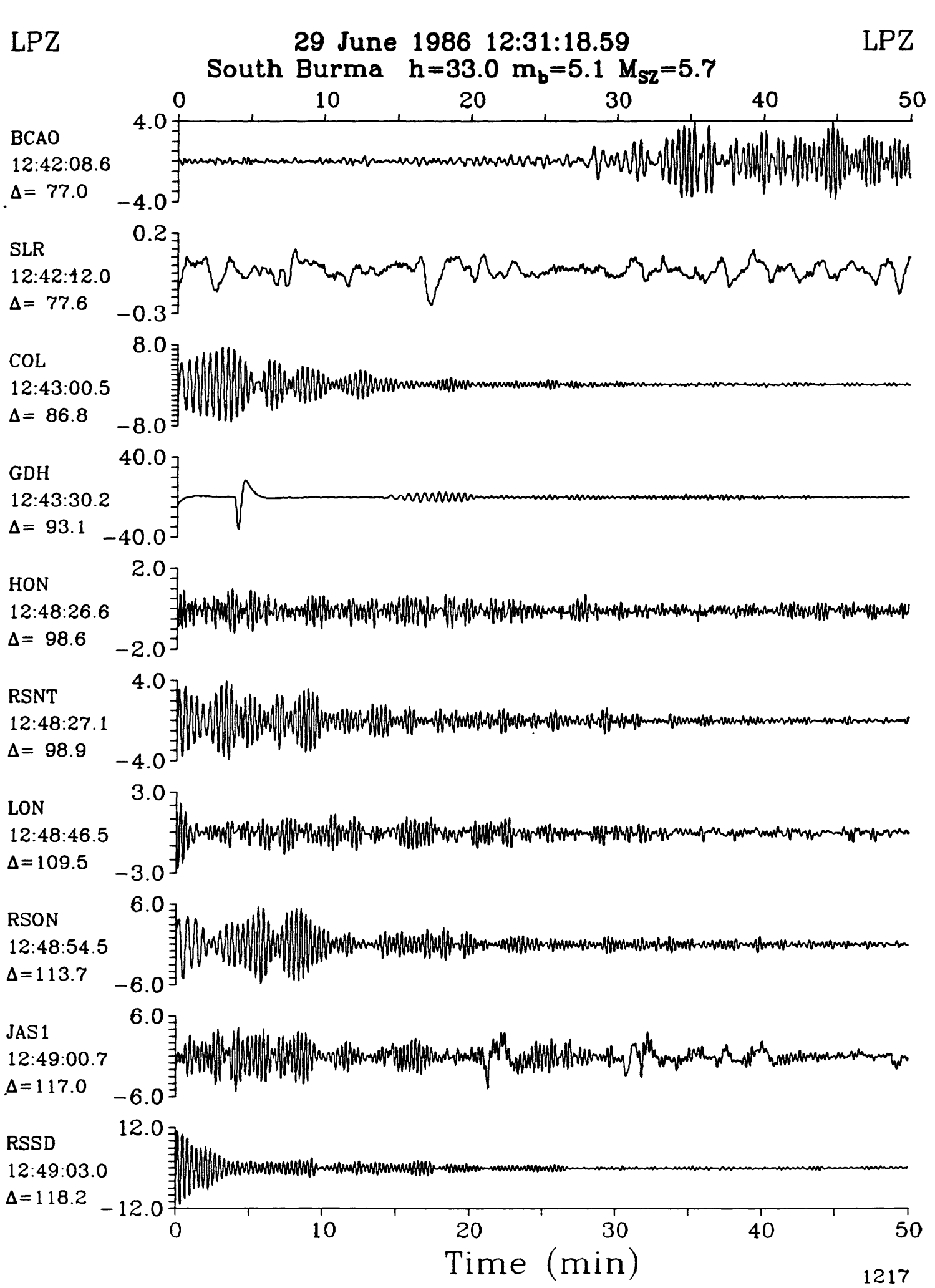
South Burma

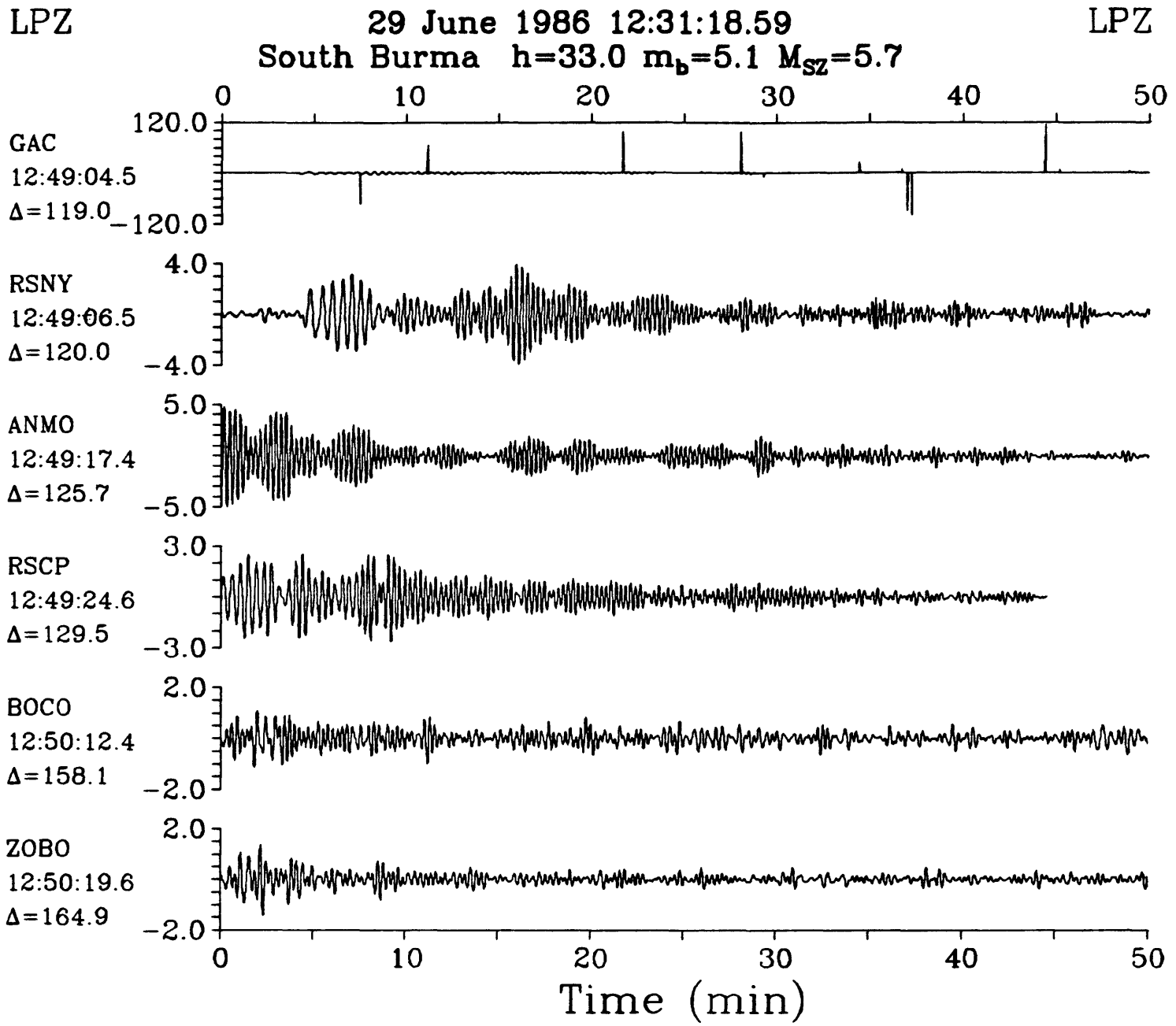



SPZ
29 June 1986 12:31:18.59
South Burma h=33.0 m_b=5.1 M_{SZ}=5.7
SPZ
0
1
2
CHTO
12:32:08.7
Δ= 4.4
1.00
-1.00
CTAO
12:41:10.0
Δ= 60.4
0.03
-0.03
NRAO
12:42:38.2
Δ= 74.3
0.01
-0.01
GRFO
12:42:44.4
Δ= 75.4
0.04
-0.04
BCAO
12:42:53.6
Δ= 77.0
0.06
-0.06
COL
12:43:45.5
Δ= 86.8
0.02
-0.02
GDH
12:44:15.2
Δ= 93.1
0.06
-0.06
ANMO
12:50:02.4
Δ=125.7
0.01
-0.01
ZOBO
12:51:04.6
Δ=164.9
0.02
-0.02
0
1
2
Time (min)


LPZ
29 June 1986 12:31:18.59
South Burma h=33.0 m_b=5.1 M_{SZ}=5.7
LPZ
0
10
20
30
40
50
CHTO
12:31:23.7
Δ= 4.4
50.0
-50.0
TATO
12:35:45.0
Δ= 25.6
7.0
-7.0
MAJO
12:38:14.4
Δ= 42.9
5.0
-5.0
GUMO
12:38:47.3
Δ= 47.0
3.0
-3.0
NWAO
12:39:24.2
Δ= 51.9
4.0
-4.0
CTAO
12:40:25.0
Δ= 60.4
3.0
-3.0
NRAO
12:41:53.2
Δ= 74.3
3.0
-3.0
TAU
12:41:53.5
Δ= 74.4
3.0
-3.0
KONO
12:41:59.3
Δ= 75.4
3.0
-3.0
GRFO
12:41:59.4
Δ= 75.4
5.0
-5.0
0
10
20
30
40
50
Time (min)

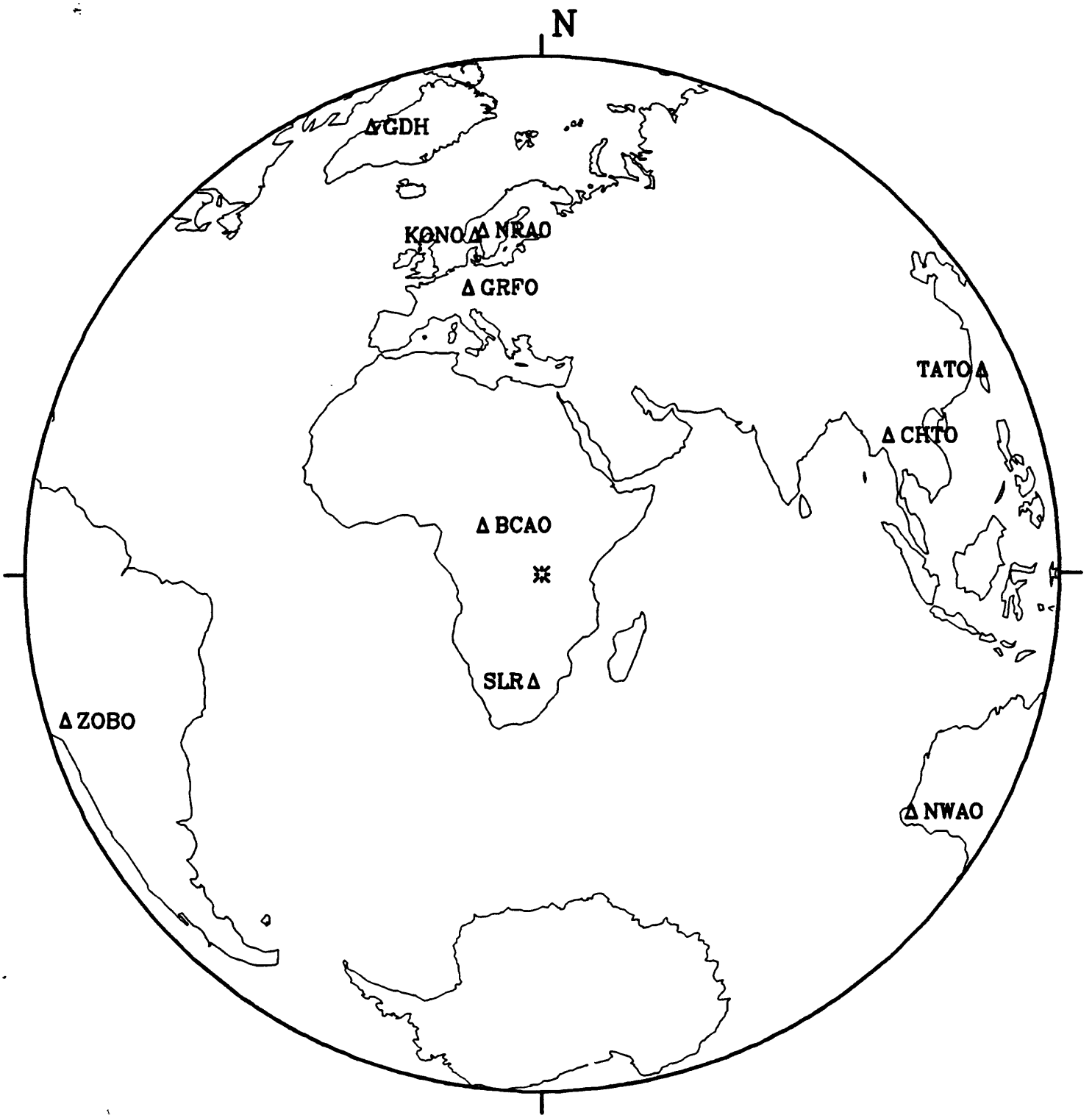
1216

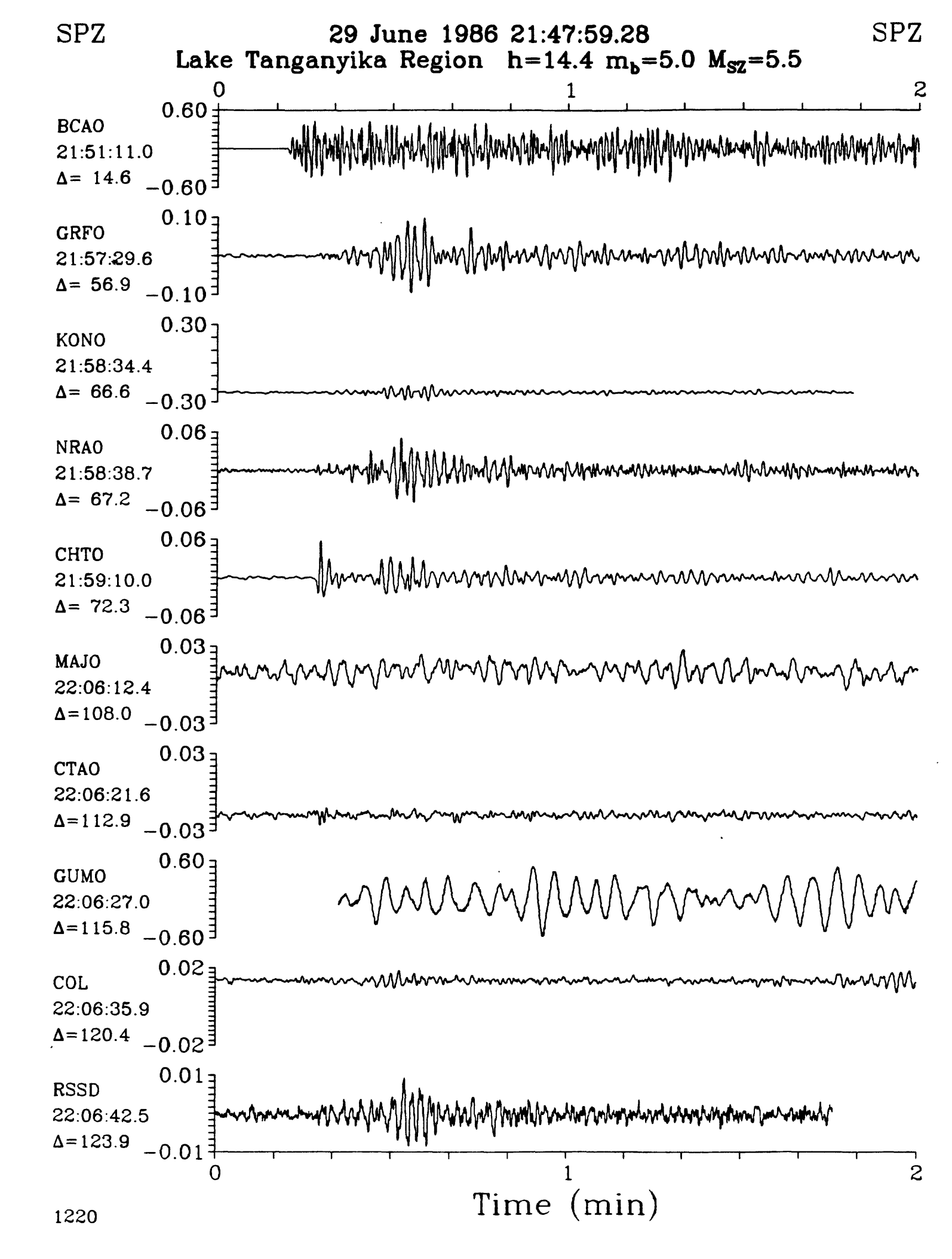

LPZ
29 June 1986 12:31:18.59
South Burma h=33.0 m_b=5.1 M_{SZ}=5.7
LPZ
0
10
20
30
40
50
BCAO
12:42:08.6
Δ= 77.0
4.0
-4.0
SLR
12:42:12.0
Δ= 77.6
0.2
-0.3
COL
12:43:00.5
Δ= 86.8
8.0
-8.0
GDH
12:43:30.2
Δ= 93.1
40.0
-40.0
HON
12:48:26.6
Δ= 98.6
2.0
-2.0
RSNT
12:48:27.1
Δ= 98.9
4.0
-4.0
LON
12:48:46.5
Δ=109.5
3.0
-3.0
RSON
12:48:54.5
Δ=113.7
6.0
-6.0
JAS1
12:49:00.7
Δ=117.0
6.0
-6.0
RSSD
12:49:03.0
Δ=118.2
12.0
-12.0
0
10
20
30
40
50
Time (min)
1217


LPZ
29 June 1986 12:31:18.59
South Burma h=33.0 m_b=5.1 M_{SZ}=5.7
LPZ
0
10
20
30
40
50
GAC
12:49:04.5
Δ=119.0
120.0
-120.0
RSNY
12:49:06.5
Δ=120.0
4.0
-4.0
ANMO
12:49:17.4
Δ=125.7
5.0
-5.0
RSCP
12:49:24.6
Δ=129.5
3.0
-3.0
BOCO
12:50:12.4
Δ=158.1
2.0
-2.0
ZOBO
12:50:19.6
Δ=164.9
2.0
-2.0
Time (min)

29 June 1986 21:47:59.28

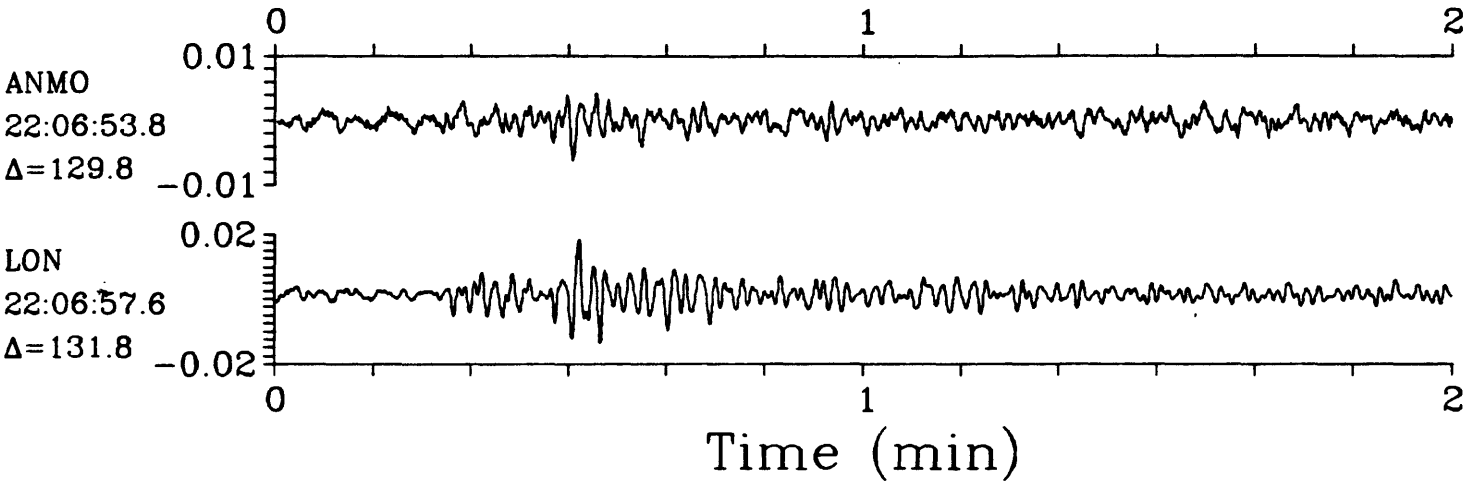
Lake Tanganyika Region

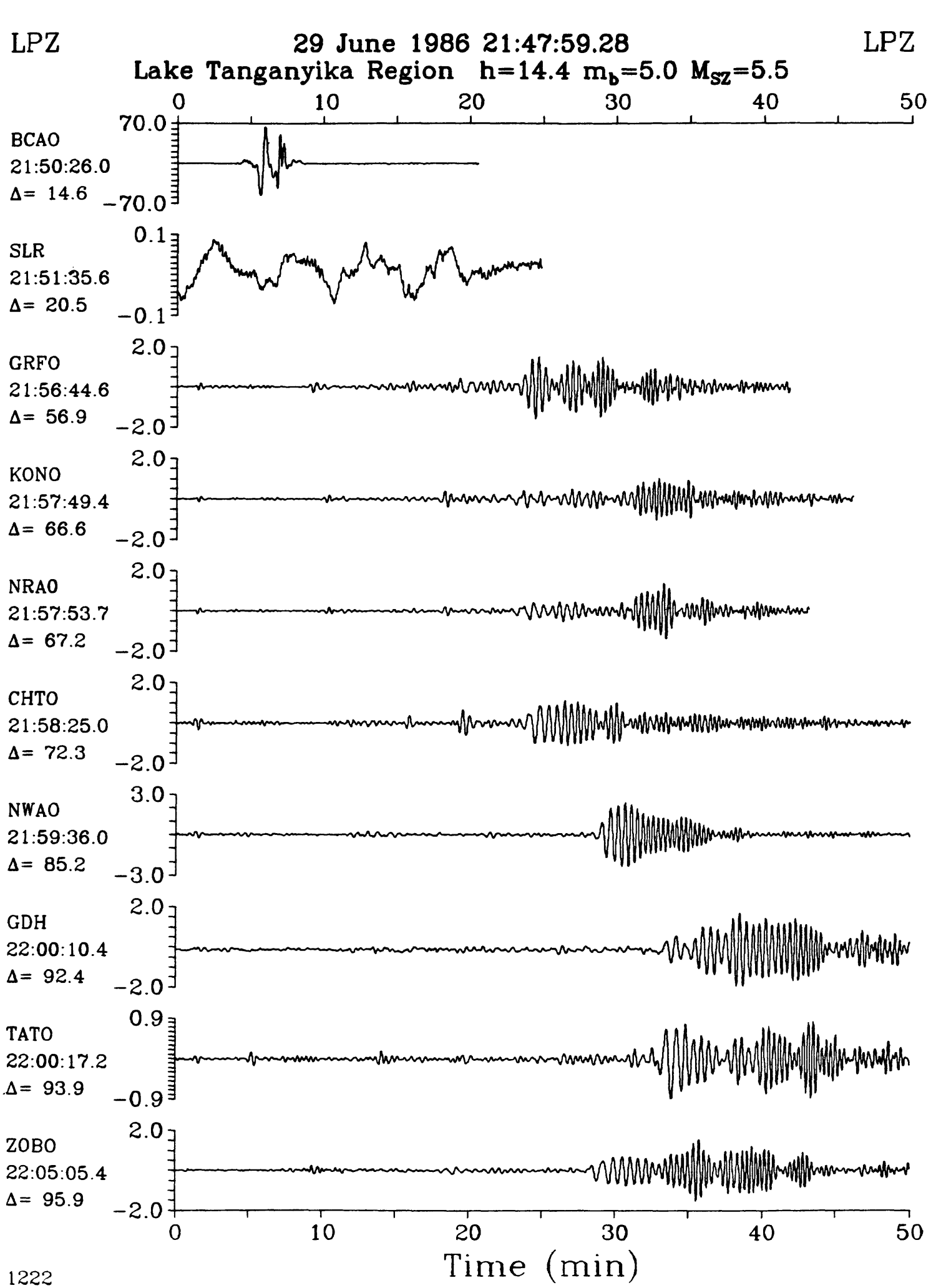



SPZ
29 June 1986 21:47:59.28
SPZ
Lake Tanganyika Region h=14.4 m_b=5.0 M_{SZ}=5.5
0
1
2
BCAO
21:51:11.0
Δ= 14.6
0.60
-0.60
GRFO
21:57:29.6
Δ= 56.9
0.10
-0.10
KONO
21:58:34.4
Δ= 66.6
0.30
-0.30
NRAO
21:58:38.7
Δ= 67.2
0.06
-0.06
CHTO
21:59:10.0
Δ= 72.3
0.06
-0.06
MAJO
22:06:12.4
Δ=108.0
0.03
-0.03
CTAO
22:06:21.6
Δ=112.9
0.03
-0.03
GUMO
22:06:27.0
Δ=115.8
0.60
-0.60
COL
22:06:35.9
Δ=120.4
0.02
-0.02
RSSD
22:06:42.5
Δ=123.9
0.01
-0.01
0
1
2
Time (min)
1220

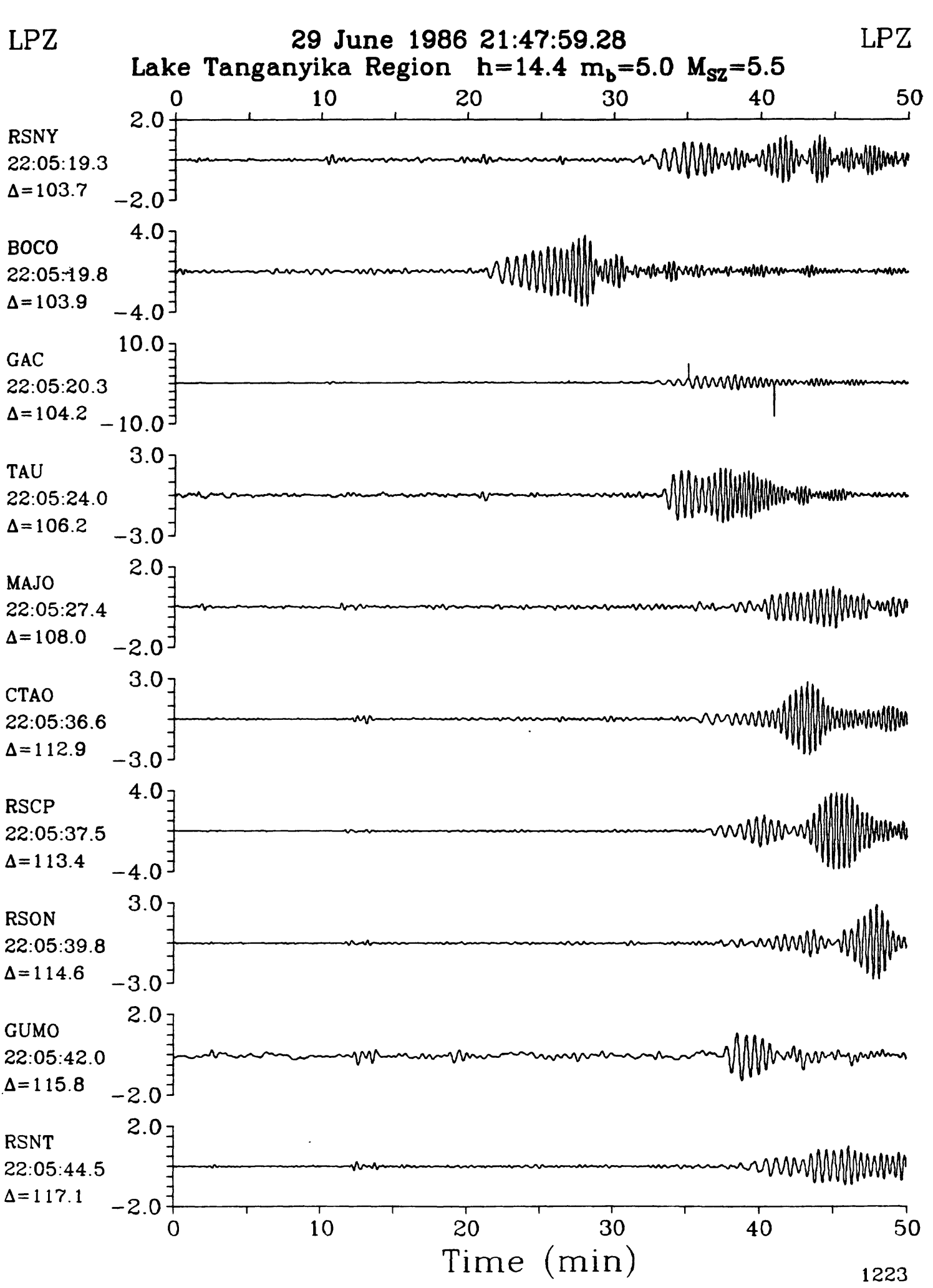
29 June 1986 21:47:59.28

Lake Tanganyika Region h=14.4 m_b=5.0 M_{SZ}=5.5




LPZ
29 June 1986 21:47:59.28
LPZ
Lake Tanganyika Region h=14.4 m_b=5.0 M_{SZ}=5.5
0
10
20
30
40
50
BCAO
21:50:26.0
Δ= 14.6
70.0
-70.0
SLR
21:51:35.6
Δ= 20.5
0.1
-0.1
GRFO
21:56:44.6
Δ= 56.9
2.0
-2.0
KONO
21:57:49.4
Δ= 66.6
2.0
-2.0
NRAO
21:57:53.7
Δ= 67.2
2.0
-2.0
CHTO
21:58:25.0
Δ= 72.3
2.0
-2.0
NWAO
21:59:36.0
Δ= 85.2
3.0
-3.0
GDH
22:00:10.4
Δ= 92.4
2.0
-2.0
TATO
22:00:17.2
Δ= 93.9
0.9
-0.9
ZOBO
22:05:05.4
Δ= 95.9
2.0
-2.0
0
10
20
30
40
50
Time (min)

1222


LPZ
29 June 1986 21:47:59.28
LPZ
Lake Tanganyika Region h=14.4 m_b=5.0 M_{SZ}=5.5
0
10
20
30
40
50
RSNY
22:05:19.3
Δ=103.7
2.0
-2.0
BOCO
22:05:19.8
Δ=103.9
4.0
-4.0
GAC
22:05:20.3
Δ=104.2
10.0
-10.0
TAU
22:05:24.0
Δ=106.2
3.0
-3.0
MAJO
22:05:27.4
Δ=108.0
2.0
-2.0
CTAO
22:05:36.6
Δ=112.9
3.0
-3.0
RSCP
22:05:37.5
Δ=113.4
4.0
-4.0
RSON
22:05:39.8
Δ=114.6
3.0
-3.0
GUMO
22:05:42.0
Δ=115.8
2.0
-2.0
RSNT
22:05:44.5
Δ=117.1
2.0
-2.0
0
10
20
30
40
50
Time (min)
1223

29 June 1986 21:47:59.28

Lake Tanganyika Region h=14.4 m_b=5.0 M_{SZ}=5.5