

Figure 1: Left: Maps of the earthquakes (red circles), stations (blue triangles) and paths (grey lines) used in this study. The location of the November 21, 2004 11:41 mainshock is denoted by the black star. Right: duration magnitude - hypocentral distance distribution of the data from Guadeloupe (red triangles) and Martinique (blue triangles).

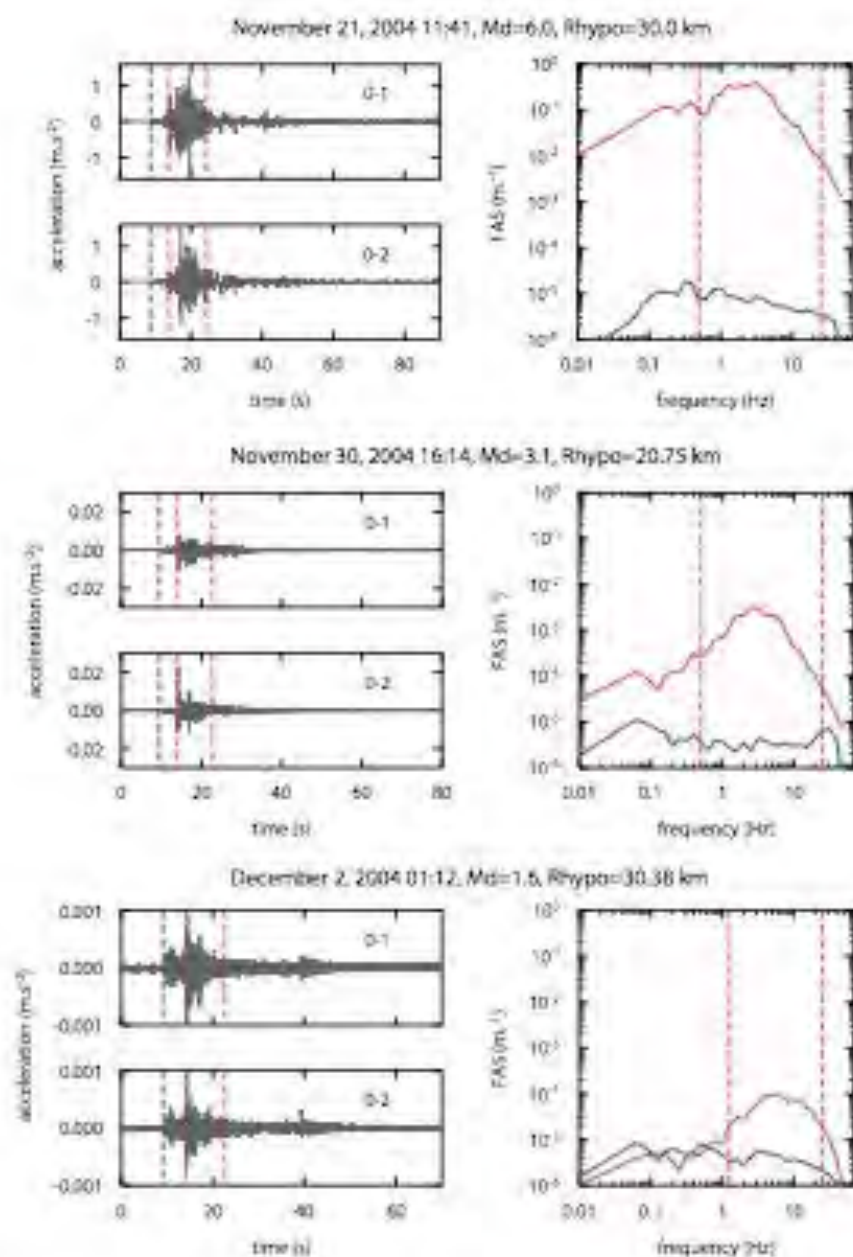


Figure 2: Examples of data for 3 events recorded at station GBGA. Left: Horizontal acceleration time series with P-wave arrival times (blue dashed line) and S-wave windows used to compute Fourier spectra (red dashed lines). Right: Fourier spectra for noise (blue) and signal (red) for the combined horizontal component; the usable frequency range is indicated by the dashed red lines.

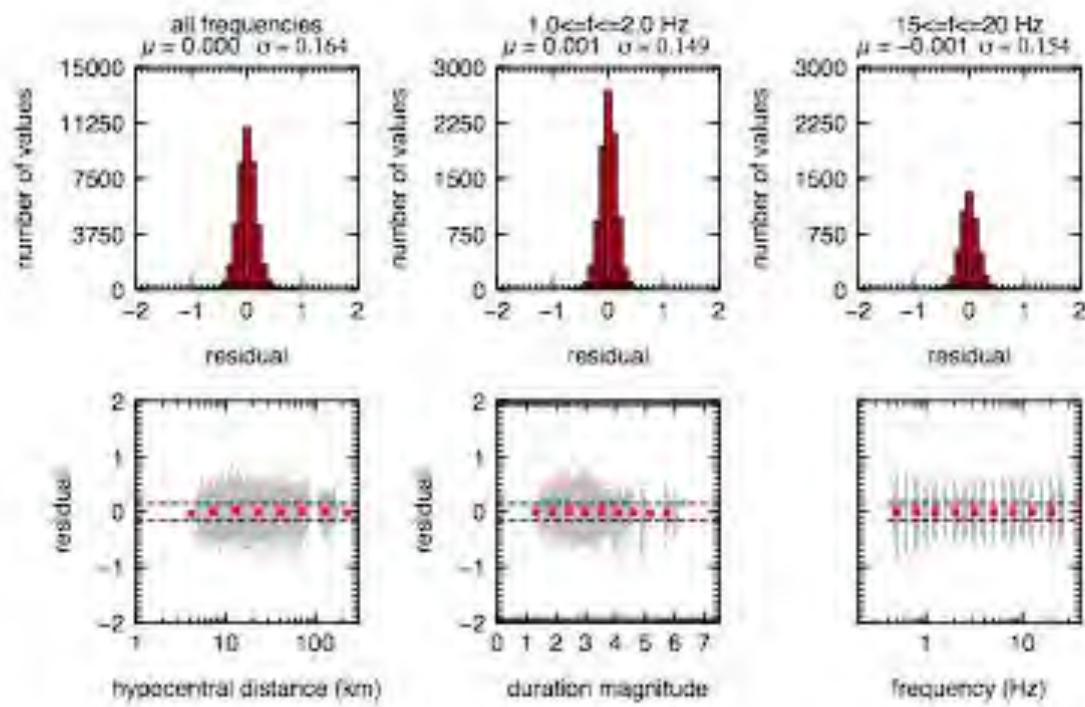


Figure 3: Top frames: Residual distribution for all the frequencies and two selected frequency bands (1-2 Hz and 15-20 Hz). The parameters of the equivalent Gaussian distribution are indicated on top of each frame. Bottom frames: Residuals against hypocentral distance, duration magnitude and frequency (grey triangles). The bin average residuals are also shown (red squares).

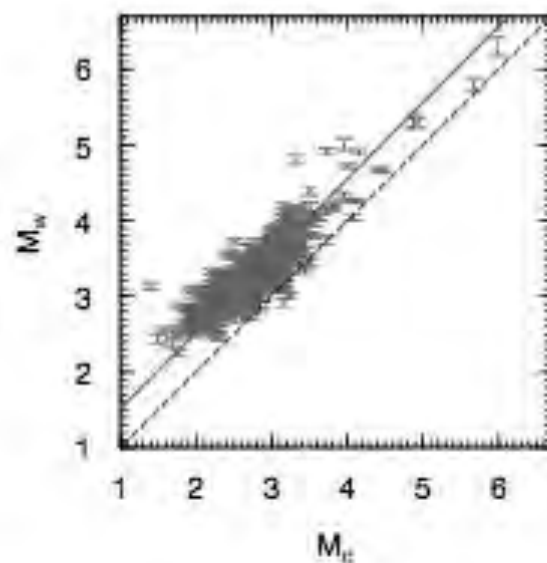


Figure 4: Comparison of the routinely determined duration magnitudes ( $M_d$ ) and the inverted moment magnitudes ( $M_w$ ). The regression is denoted by the grey line and the 1:1 relationship by the dashed black line.

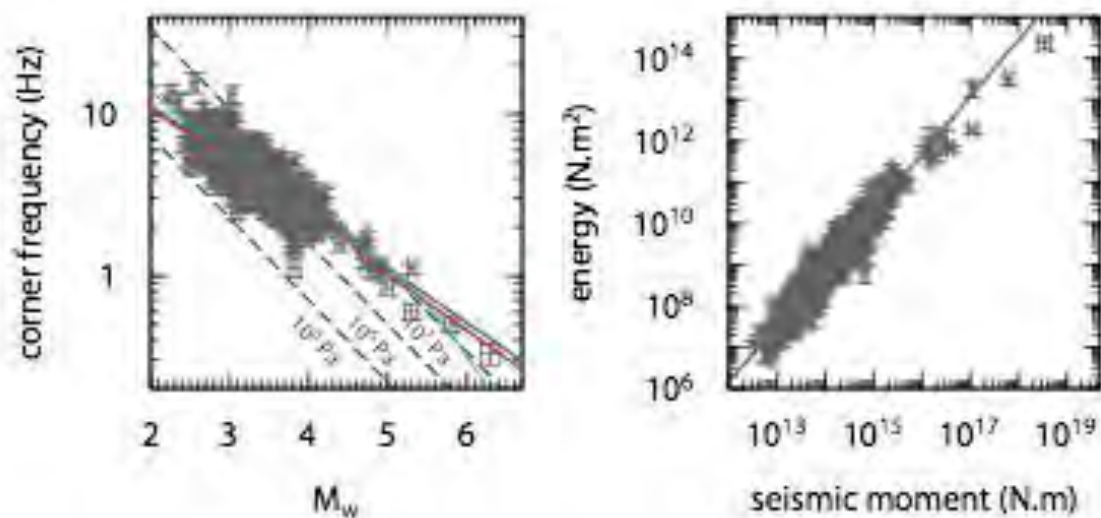


Figure 5: Left: Corner frequencies against moment magnitudes. The dashed lines indicate the theoretical relationship for three different constant stress drop values:  $10^5$ ,  $10^6$  and  $10^7$  Pa. The grey line indicates the linear regression for all the events, the red lines indicate the segmented linear regression ( $M_w < 4.6$  and  $M_w \geq 4.6$ ), and the cyan line indicates the order 3 polynomial regression. Right: Estimated radiated energy against seismic moment and regression line.

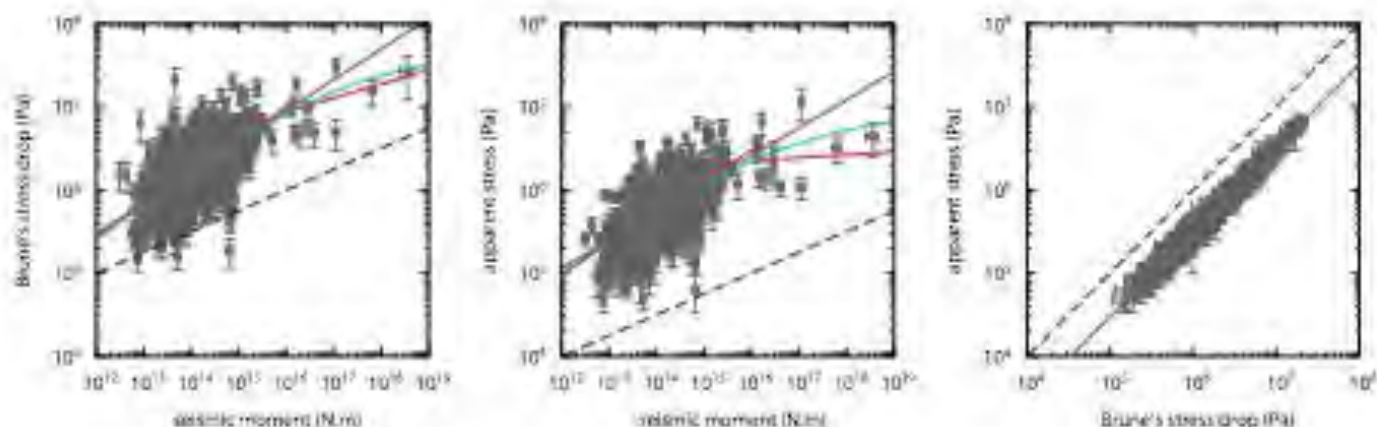


Figure 6: Left: Brune's stress drop against seismic moment. Middle: Apparent stress against seismic moment for data with corner frequency well inside the frequency band (grey circles) and those with corner frequency close to the lower or upper frequency (empty grey circles). In the left and middle frames: solid grey lines indicate the linear regression of the data; red lines indicate the segmented linear regression (for events with  $M_w < 4.6$  and those with  $M_w \geq 4.6$ ); cyan lines indicate the order 3 polynomial regression; dashed black lines indicate the scaling given by Bay et al. (2005) (originally developed for  $\sigma_a$ :  $\sigma_a \propto M_0^{0.25}$  Mayeda and Walter (1996) and extrapolated to  $\Delta\sigma$  assuming proportionality between  $\Delta\sigma$  and  $\sigma_a$  Bay et al. (2005)). Right: Brune's stress drop against apparent stress. Dashed black line indicates the 1:1 relationship and the grey line indicates the regression of the data.

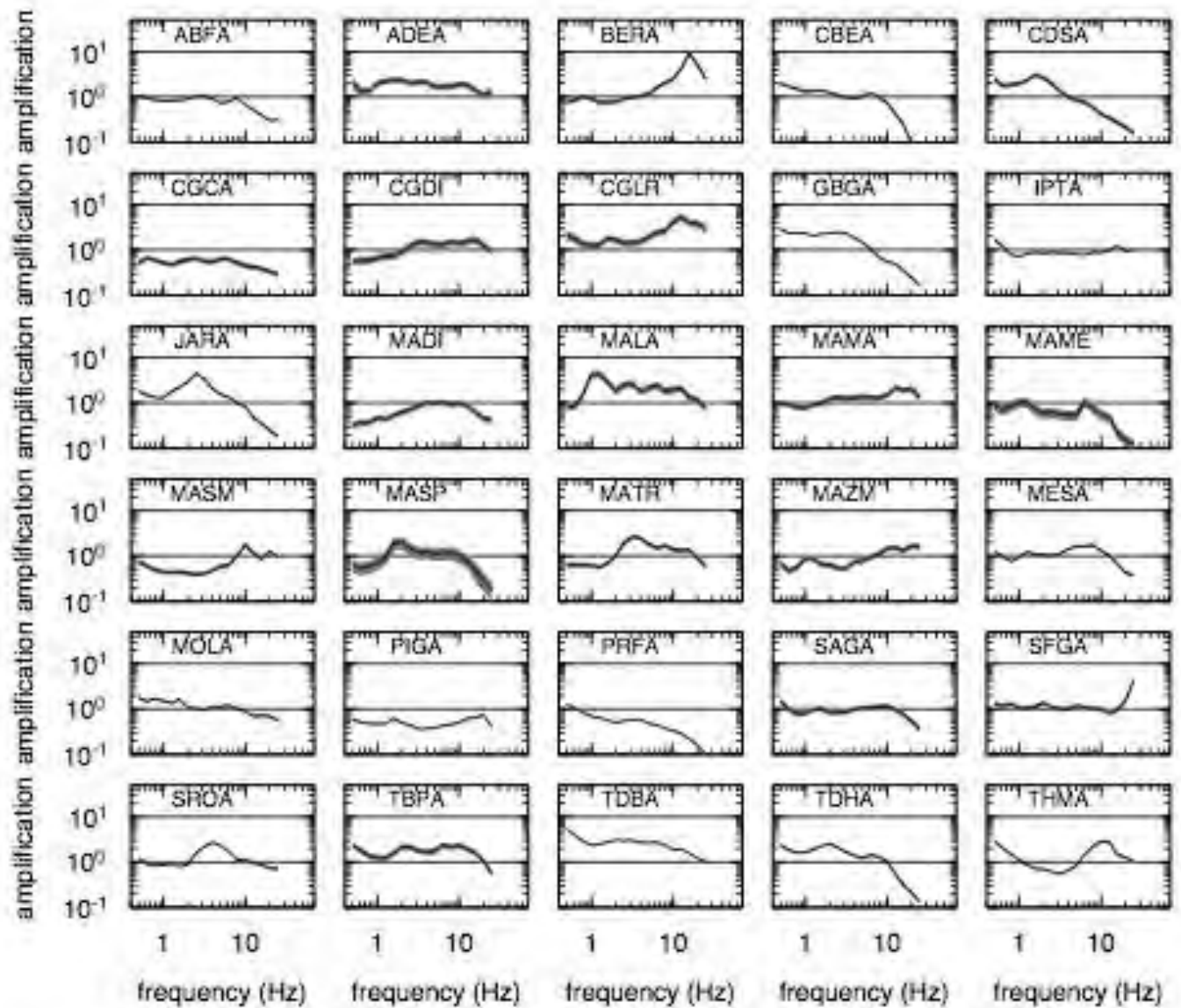


Figure 7: Site transfer functions (grey lines)  $\pm$  one standard deviation (grey shaded area).

# 4 Annexes

Table 4: Earthquakes analysed in this study. Date and localisation are from the OVSG,  $M_d$ . The number and the distance range of recordings are also indicated, as well as the moment magnitudes and corner frequencies determined in this study.

Date	Longitude	Latitude	Depth (km)	Distance range (km)	$M_d$	$M_w$	Corner frequency (Hz)	Brune's stress drop ( $10^5$ Pa)
2004.11.21 11.39.00	-61.49	15.77	10.3	52.16/63.02	3.1	3.4	6.79	105
2004.11.21 11.41.00	-61.53	15.76	13.7	30/159.7	6.0	6.3	0.33	263
2004.11.21-13.36.00	-61.50	15.77	10.4	38.51/79.39	4.9	5.3	0.60	50
2004.11.21-18.53.00	-61.59	15.79	1.2	26.34/66.02	4.9	5.3	1.11	308
2004.11.21-22.32.00	-61.61	15.86	14.6	23.6/63.5	4.0	4.3	1.87	54
2004.11.21-22.56.00	-61.48	15.77	10.1	37.63/80.3	3.7	4.9	1.16	92
2004.11.22-02.01.00	-61.64	15.83	12.4	36.82/171.89	0.0	4.7	1.19	48
2004.11.22-05.26.00	-61.46	15.74	4.5	82.4/154.49	3.7	4.1	1.82	23
2004.11.22-05.42.00	-61.64	15.84	17.8	39.42/173.98	0.0	4.0	2.57	36
2004.11.22-10.36.00	-61.58	15.85	11.7	72.81/136.55	3.5	4.0	2.91	67
2004.11.22-18.13.00	-61.54	15.81	15.7	34.66/76.74	0.0	4.2	3.28	171
2004.11.22-22.40.00	-61.59	15.85	10.7	23.89/62.38	3.1	4.2	2.01	40
2004.11.24-20.56.00	-61.51	15.75	1.2	17.75/65.09	3.7	3.7	2.24	12
2004.11.24-21.36.00	-61.58	15.80	10.6	12.81/60.64	3.5	4.1	2.10	35
2004.11.25-20.13.00	-61.59	15.83	11.7	13.49/63.36	2.9	3.6	4.36	48
2004.11.26-05.05.00	-61.50	15.72	11.6	24.23/154.30	4.0	4.7	1.56	114
2004.11.26-22.49.00	-61.62	15.83	11.4	75.23/171.16	3.3	4.8	1.06	47
2004.11.27-10.10.00	-61.56	15.76	10.3	17.28/66.5	2.3	3.2	5.43	22
2004.11.27-12.33.00	-61.55	15.75	10.3	18.05/67.21	3.0	3.8	3.14	45
2004.11.27 15.45.00	-61.46	15.75	9.2	21.17/138.17	3.4	4.0	2.26	27
2004.11.27 16.02.00	-61.50	15.76	12.4	20.31/68.68	0.0	3.9	3.01	54
2004.11.27 17.43.00	-61.62	15.84	11.7	12.21/39.39	2.3	3.1	4.88	11
2004.11.27 19.09.00	-61.57	15.82	12.4	13.86/27.69	2.4	2.9	5.87	12
2004.11.27 21.09.00	-61.59	15.77	9.3	14.46/52.58	2.4	3.3	4.37	17
2004.11.27 23.44.00	-61.50	15.71	9.2	24.07/152.81	4.2	4.9	1.01	58
2004.11.28-04.37.00	-61.48	15.77	10.5	22.18/67.63	2.7	3.5	4.03	33
2004.11.28-07.20.00	-61.45	15.77	4.5	22.76/67.84	2.5	3.2	4.52	16
2004.11.28-08.01.00	-61.46	15.77	4.5	22.28/67.84	2.6	3.3	5.17	32
2004.11.28-13.02.00	-61.52	15.76	12.6	20.88/129.7	3.0	3.7	4.09	55
2004.11.28-21.00.00	-61.45	15.72	8.2	42.53/73.43	3.6	4.0	4.04	144
2004.11.29-02.19.00	-61.61	15.84	10.6	26.26/141.44	3.2	4.0	2.36	31
2004.11.29-15.08.00	-61.63	15.84	11.7	24.88/139.56	3.1	3.9	2.11	19
2004.11.29-16.36.00	-61.48	15.71	10.6	45.09/134.76	3.5	4.4	1.56	39
2004.11.29-18.02.00	-61.48	15.76	11.6	41.35/68.66	3.2	3.9	3.14	62
2004.11.29-20.53.00	-61.45	15.78	7.2	40.99/67.22	3.5	4.2	2.58	82
2004.11.29-22.30.00	-61.44	15.76	5.1	39.55/69.08	2.7	3.4	5.65	48
2004.11.30 00.37.00	-61.53	15.85	10.5	16.3/43.8	2.8	3.2	3.83	8
2004.11.30 01.03.00	-61.52	15.82	7.5	15.57/32.64	2.6	3.0	4.32	7
2004.11.30 05.13.00	-61.54	15.83	8.2	14.29/58.79	2.7	3.2	2.83	3
2004.11.30 08.34.00	-61.63	15.84	13.2	23.84/46.7	2.6	3.2	3.49	6
2004.11.30 11.49.00	-61.50	15.78	13.2	22.61/66.64	3.0	3.6	5.33	90
2004.11.30 16.14.00	-61.50	15.83	2.4	15.5/29.72	3.1	3.7	2.10	9
2004.11.30 19.33.00	-61.56	15.76	9.2	16.37/66.22	3.2	3.6	3.57	31
2004.11.30 23.21.00	-61.61	15.84	13.6	14.43/46.01	2.4	2.9	6.47	17
2004.12.01-02.20.00	-61.56	15.76	13.2	33.72/66.55	2.3	3.1	5.86	22
2004.12.01-07.51.00	-61.64	15.83	12.4	23.51/57.27	2.5	3.4	2.49	6
2004.12.01-08.38.00	-61.50	15.81	11.0	33.01/62.51	2.5	3.5	2.83	9
2004.12.01-17.20.00	-61.54	15.78	13.4	29.24/63.61	2.7	3.5	4.13	37
2004.12.01-19.12.00	-61.54	15.77	3.1	26.95/63.81	2.4	3.3	5.83	41
2004.12.02-01.12.00	-61.58	15.83	8.8	25.61/47.13	1.6	2.5	15.73	65
2004.12.02-02.20.00	-61.52	15.70	10.6	31.32/73.58	2.8	3.4	5.35	54
2004.12.02-07.30.00	-61.52	15.84	8.5	23.79/58.68	2.7	3.4	3.29	12
2004.12.02-09.19.00	-61.52	15.79	12.4	27.1/64.21	3.5	4.0	2.32	34
2004.12.02-10.24.00	-61.52	15.79	6.5	24.98/60.95	2.1	3.1	4.55	9
2004.12.02-14.47.00	-61.53	15.72	10.4	37.71/70.81	4.0	5.0	0.84	48
2004.12.03-02.17.00	-61.63	15.83	12.1	12.65/59.97	2.8	3.6	2.75	15
2004.12.03 09.46.00	-61.54	15.77	13.4	19.71/81.01	2.9	3.6	3.61	30
2004.12.03 22.50.00	-61.61	15.86	12.7	22.71/44.21	2.3	3.0	5.08	12
2004.12.03 23.48.00	-61.62	15.83	11.7	24.1/47.36	2.7	3.4	3.12	9
2004.12.04 01.22.00	-61.65	15.86	11.8	20.1/72.48	3.2	3.8	1.52	5
2004.12.04 22.40.00	-61.63	15.85	8.9	9.21/36.78	2.4	3.5	3.25	18
2004.12.05 13.36.00	-61.61	15.88	0.7	5.01/31.39	1.5	2.4	6.49	3
2004.12.05-14.15.00	-61.64	15.82	10.2	10.92/36.98	2.6	3.2	3.86	10
2004.12.05-16.06.00	-61.51	15.62	7.1	29.67/47.29	2.9	3.2	5.32	23
2004.12.05-17.39.00	-61.64	15.82	11.5	23.46/48.22	3.0	3.6	2.16	8
2004.12.05-19.24.00	-61.50	15.70	11.4	24.16/74.18	3.5	3.8	2.68	25
2004.12.05-20.05.00	-61.51	15.68	9.3	24.48/72.56	3.1	3.5	3.30	14
2004.12.05-21.41.00	-61.56	15.78	13.7	18.15/64.24	2.8	3.4	5.89	60
2004.12.06-03.21.00	-61.50	15.76	12.1	27.61/67.83	2.3	3.1	4.67	13
2004.12.06-07.38.00	-61.54	15.72	10.2	20.92/70.73	2.4	2.9	6.11	14
2004.12.06-23.12.00	-61.65	15.86	12.4	20.86/45.39	2.8	3.4	3.67	18
2004.12.07-01.37.00	-61.50	15.83	10.3	23.05/69.24	3.0	3.7	2.27	11
2004.12.07-02.43.00	-61.64	15.87	11.3	19.74/52.9	2.5	3.6	2.84	14

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Table 4 continued...

Date	Longitude	Latitude	Depth (km)	Distance range (km)	$M_d$	$M_w$	Corner frequency (Hz)	Brune's stress drop ( $10^5$ Pa)
2004.12.07-05.52.00	-61.65	15.86	11.8	20.38/44.76	2.4	2.8	8.13	23
2004.12.07-07.13.00	-61.64	15.83	12.6	23.66/57.39	2.2	3.3	3.49	10
2004.12.07-09.42.00	-61.48	15.61	4.0	34.93/83.08	3.3	4.2	2.38	61
2004.12.07-16.40.00	-61.48	15.75	13.4	26.55/54.85	3.1	3.9	2.30	22
2004.12.07-19.27.00	-61.63	15.84	12.9	23.45/61.82	2.5	3.2	6.39	30
2004.12.08-04.15.00	-61.53	15.80	9.8	26.25/49.36	2.3	3.3	3.72	11
2004.12.08 11.26.00	61.57	15.72	0.5	32.4/56.89	3.1	3.8	1.89	10
2004.12.08 12.33.00	61.65	15.85	13.6	22.7/46.63	2.8	3.3	5.37	33
2004.12.08 18.35.00	61.64	15.81	6.0	7.71/40.43	2.4	3.0	5.38	11
2004.12.08 22.13.00	61.59	15.83	13.4	14.85/61.1	3.0	3.9	3.20	56
2004.12.08 23.33.00	61.54	15.74	18.9	25.07/69.46	2.7	3.4	4.44	32
2004.12.09-00.01.00	-61.49	15.75	11.8	23.04/69.13	2.8	3.4	5.29	51
2004.12.09-03.55.00	-61.62	15.84	12.4	12.95/61.73	2.8	3.4	4.42	25
2004.12.09-08.18.00	-61.52	15.80	11.2	18.42/62.99	2.2	3.1	3.86	6
2004.12.09-09.13.00	-61.65	15.84	11.7	12.02/62.39	2.9	3.6	2.89	13
2004.12.09-09.34.00	-61.52	15.71	10.2	22.27/71.85	3.1	3.6	3.50	29
2004.12.09-20.04.00	-61.58	15.82	12.3	14.6/48.14	2.8	3.5	4.54	42
2004.12.10-04.56.00	-61.53	15.79	10.5	15.35/64	2.5	3.2	3.81	9
2004.12.10-05.16.00	-61.54	15.79	2.6	26.43/62.98	2.3	3.0	5.34	11
2004.12.10-09.05.00	-61.50	15.72	9.7	22.05/43.15	2.7	3.0	6.25	23
2004.12.10-09.09.00	-61.52	15.80	10.4	14.89/62.95	2.7	3.2	4.79	16
2004.12.10-11.20.00	-61.63	15.79	5.2	8.28/35.85	2.9	3.5	2.64	7
2004.12.11-01.17.00	-61.50	15.72	11.2	28.76/72.45	3.1	3.6	3.25	24
2004.12.11-04.31.00	-61.63	15.84	12.2	23.57/35.66	2.2	2.8	8.55	22
2004.12.11 11.03.00	61.55	15.74	11.7	31.74/68.36	2.9	3.6	3.47	23
2004.12.11 11.20.00	61.56	15.74	10.2	32.13/68.41	3.1	3.6	3.11	30
2004.12.12 10.00.00	61.65	15.82	4.0	20.36/63.47	2.9	3.3	4.14	18
2004.12.13 15.34.00	61.63	15.84	5.8	6.47/61.05	3.2	3.9	2.75	31
2004.12.13 21.11.00	61.62	15.84	12.2	12.75/61.32	3.1	3.7	3.26	29
2004.12.14 02.06.00	61.60	15.84	10.4	11.29/57.46	3.1	3.6	3.38	28
2004.12.14 10.28.00	61.51	15.73	10.9	21.49/121.35	3.0	3.5	3.13	16
2004.12.14 15.50.00	-61.52	15.79	11.6	16.44/62.22	3.3	3.6	4.43	65
2004.12.14-21.29.00	-61.49	15.77	10.8	18.83/67.46	4.0	4.3	2.23	69
2004.12.15-08.05.00	-61.51	15.77	11.5	26.72/66.59	3.1	3.8	2.90	28
2004.12.15-10.04.00	-61.61	15.83	13.1	25.2/47.23	2.4	3.0	5.95	15
2004.12.16-02.11.00	-61.61	15.83	12.2	13.09/57.9	2.6	3.2	4.11	12
2004.12.16-03.28.00	-61.51	15.77	11.4	18.21/66.7	3.1	3.6	3.85	31
2004.12.16-05.48.00	-61.64	15.88	0.8	6.66/57.59	2.4	3.0	3.92	4
2004.12.16-08.28.00	-61.52	15.80	7.8	13.05/31.12	2.9	3.5	3.04	11
2004.12.16-14.36.00	-61.53	15.74	10.7	19.93/52.48	3.0	3.5	4.52	39
2004.12.17-07.07.00	-61.60	15.82	13.0	14.4/59.88	3.0	3.4	4.64	30
2004.12.17-10.28.00	-61.65	15.79	4.6	8.14/37.38	3.0	3.8	1.12	2
2004.12.18-07.09.00	-61.56	15.70	11.1	22.15/71.86	2.6	3.2	4.86	19
2004.12.18-07.51.00	-61.50	15.78	11.7	20.99/51.08	2.9	3.1	5.92	25
2004.12.19 01.54.00	61.50	15.72	9.9	23.01/55.82	2.8	3.1	8.94	71
2004.12.19 05.12.00	61.58	15.80	11.0	13.96/132.33	3.2	3.8	3.36	47
2004.12.20 03.52.00	61.49	15.73	9.6	21.09/42.5	3.1	3.5	4.22	33
2004.12.20 05.30.00	61.58	15.84	9.5	11.72/44.64	2.2	2.8	8.12	18
2004.12.20 13.03.00	61.56	15.81	11.8	13.87/59.5	3.3	3.9	3.06	51
2004.12.20-19.59.00	-61.50	15.76	0.8	16.09/23.83	2.6	2.8	6.87	13
2004.12.21-07.21.00	-61.61	15.81	1.2	5.84/32.02	1.9	2.6	5.87	4
2004.12.21-17.34.00	-61.59	15.85	11.8	13.13/44.55	2.2	2.9	6.16	15
2004.12.21-19.26.00	-61.61	15.84	11.4	12.27/45.9	2.3	3.2	5.67	25
2004.12.21-19.47.00	-61.62	15.83	12.3	12.88/59.31	3.5	4.1	2.61	61
2004.12.21-22.08.00	-61.57	15.83	12.1	13.38/58.94	2.8	3.3	5.15	28
2004.12.22-00.04.00	-61.58	15.91	0.0	10.19/27.82	2.5	3.1	2.47	2
2004.12.22-05.52.00	-61.53	15.79	9.8	14.93/63.93	2.8	3.2	5.76	28
2004.12.22-08.14.00	-61.51	15.80	3.0	11.57/31.06	2.5	3.0	3.75	5
2004.12.22-23.51.00	-61.57	15.71	11.1	20.37/34.41	1.9	2.9	6.09	11
2004.12.23-04.00.00	-61.64	15.89	0.0	6.39/34.7	2.1	2.9	6.36	14
2004.12.23-10.50.00	-61.60	15.84	11.0	12.94/46.00	2.4	2.9	7.91	30
2004.12.23-12.00.00	-61.58	15.74	7.0	15.41/33.44	2.3	3.0	4.34	8
2004.12.24-10.25.00	-61.58	15.80	3.1	7.9/37.87	2.3	3.0	4.45	8
2004.12.24-17.03.00	-61.64	15.86	5.8	6.18/35.35	3.1	3.8	2.48	18
2004.12.24 22.02.00	61.52	15.77	12.0	19.82/64.01	3.3	3.7	3.34	38
2004.12.25 08.29.00	61.58	15.82	14.1	15.3/59.57	2.5	3.1	4.65	12
2004.12.25 11.59.00	61.53	15.77	8.8	15.81/27.63	2.8	3.2	3.75	10
2004.12.25 15.23.00	-61.48	15.76	2.5	17.03/63.22	3.3	3.7	4.12	55
2004.12.25 15.28.00	-61.49	15.76	11.9	19.86/53.75	3.1	3.5	4.07	31
2004.12.25-17.42.00	-61.60	15.89	1.7	6.85/40.28	2.4	2.9	5.74	11
2004.12.26-15.19.00	-61.58	15.75	10.3	16.96/68.32	4.1	4.3	2.16	62
2004.12.26-15.43.00	-61.58	15.73	9.2	17.51/68.51	3.3	3.7	2.15	10
2004.12.26-16.03.00	-61.58	15.74	8.0	16.35/33.01	2.7	3.2	3.25	5
2004.12.26-16.12.00	-61.57	15.73	0.9	16.06/33.02	2.8	3.1	3.49	6
2004.12.26-16.28.00	-61.57	15.73	9.2	19.05/58.49	2.9	3.4	2.77	7
2004.12.26-16.31.00	-61.55	15.73	0.0	16.95/55.87	3.0	3.3	3.47	9
2004.12.26-16.41.00	-61.57	15.73	9.7	18.33/58.18	3.1	3.9	1.62	7
2004.12.26-20.05.00	-61.60	15.85	12.1	13.07/45.34	2.6	3.1	5.48	21
2004.12.27-05.21.00	-61.52	15.84	6.2	14.72/58.51	3.3	3.8	2.89	25
2004.12.27-05.36.00	-61.55	15.72	9.4	20.16/70.56	2.6	3.1	5.46	18

To be continued on next page...

Table 4 continued...

Date	Longitude	Latitude	Depth (km)	Distance range (km)	$M_d$	$M_w$	Corner frequency (Hz)	Brune's stress drop ( $10^5$ Pa)
2004.12.27-05.58.00	-61.64	15.88	0.8	14.92/34.84	2.5	2.9	5.36	9
2004.12.27-06.14.00	-61.54	15.84	7.3	13.78/57.6	3.0	3.5	2.62	9
2004.12.27-09.40.00	-61.50	15.76	11.5	52.74/67.78	3.2	3.7	3.38	32
2004.12.27-14.12.00	-61.57	15.74	8.8	17.42/34.02	3.2	3.6	2.24	7
2004.12.27-20.14.00	-61.61	15.84	12.8	13.61/61.19	2.1	2.9	8.24	29
2004.12.27-20.58.00	-61.60	15.83	11.4	12.74/64.26	0.0	4.7	1.78	180
2004.12.27 21.15.00	61.63	15.83	8.3	9.05/62.19	2.6	3.3	4.87	29
2004.12.27 21.21.00	61.67	15.85	7.3	8.02/38.38	2.3	3.2	3.90	10
2004.12.27 21.38.00	61.66	15.85	8.4	18.8/45.36	2.5	3.1	4.42	9
2004.12.27 23.28.00	61.61	15.84	12.5	13.3/61.4	3.0	3.4	4.98	34
2004.12.27 23.41.00	61.61	15.84	13.0	13.77/61.45	3.0	3.6	3.62	31
2004.12.28-06.17.00	-61.53	15.81	0.0	9.05/60.62	2.6	3.2	3.16	5
2004.12.28-07.00.00	-61.53	15.84	6.7	14.34/58.32	2.3	3.1	3.82	6
2004.12.28-07.01.00	-61.52	15.81	6.8	11.76/30.1	2.2	3.0	3.53	4
2004.12.28-16.08.00	-61.58	15.83	11.9	13.19/42.36	2.3	3.1	5.05	16
2004.12.28-18.28.00	-61.61	15.82	10.6	12.01/47.74	2.7	3.3	3.89	14
2004.12.28-22.45.00	-61.58	15.82	12.9	14.28/61.22	2.7	3.2	7.05	49
2004.12.29-06.35.00	-61.61	15.84	11.3	12.17/60.96	2.7	3.4	4.10	25
2004.12.29-14.30.00	-61.50	15.74	13.2	21.53/28.2	2.4	3.0	4.74	10
2004.12.30-00.07.00	-61.56	15.80	13.6	16.24/30.85	1.9	2.7	8.25	14
2004.12.30-01.18.00	-61.60	15.83	11.1	12.56/41.55	1.9	2.7	7.12	11
2004.12.30-03.16.00	-61.55	15.81	13.9	15.98/29.97	1.7	2.4	11.93	15
2004.12.30-04.01.00	-61.61	15.83	11.6	12.47/46.47	2.5	2.9	5.26	8
2004.12.30-05.45.00	-61.50	15.76	12.0	19.39/149.71	3.3	3.9	2.34	31
2005.01.01-09.56.00	61.50	15.83	8.9	13.49/60.62	3.0	3.4	3.37	14
2005.01.01-09.59.00	61.51	15.82	9.9	14.22/61.34	3.2	3.8	1.43	4
2005.01.01 12.27.00	61.51	15.82	10.2	14.29/61.27	3.1	3.7	1.97	7
2005.01.01 16.42.00	61.54	15.85	9.3	10.9/57.16	2.8	3.2	4.11	12
2005.01.01 23.45.00	61.53	15.83	5.6	9.59/28.08	2.0	3.1	3.85	6
2005.01.02-05.31.00	61.52	15.62	7.8	29.99/79.7	3.1	3.4	4.53	29
2005.01.02-05.52.00	61.51	15.61	8.0	30.72/80.02	3.0	3.5	2.51	8
2005.01.02 19.58.00	-61.53	15.85	7.8	14.81/43.54	2.2	3.0	4.45	7
2005.01.03-01.26.00	-61.51	15.82	6.2	15.73/30.2	2.0	3.1	3.11	3
2005.01.04-01.32.00	-61.60	15.88	0.4	5.58/30.46	1.7	2.5	5.39	2
2005.01.05-01.04.00	-61.58	15.77	13.2	17.37/65.83	2.3	3.0	8.27	39
2005.01.05-19.48.00	-61.63	15.83	9.4	9.99/39.31	2.7	3.3	4.36	21
2005.01.06-00.39.00	-61.58	15.82	11.5	13.69/31.54	1.9	3.0	3.60	4
2005.01.06-02.10.00	-61.57	15.88	0.0	9.04/26.7	2.0	2.6	7.85	8
2005.01.07-06.31.00	-61.62	15.83	10.6	11.25/46.93	2.1	2.7	5.88	6
2005.01.07-06.42.00	-61.62	15.81	2.1	5.63/33.94	2.3	3.1	3.79	6
2005.01.07-09.58.00	-61.58	15.82	13.7	16/43.6	2.1	3.0	5.72	16
2005.01.07-20.25.00	-61.60	15.82	2.3	20.49/37.71	2.6	3.2	4.82	16
2005.01.07-21.36.00	-61.65	15.83	5.3	5.99/46.81	3.0	3.7	2.66	17
2005.01.07-23.22.00	-61.66	15.83	5.7	6.42/46.82	2.9	3.3	3.73	13
2005.01.07-23.23.00	61.66	15.82	3.4	5.3/38	2.6	3.4	3.08	10
2005.01.08-06.34.00	61.52	15.81	2.6	14.63/30.21	2.2	3.1	3.70	5
2005.01.09-00.13.00	61.61	15.83	10.8	11.81/47.91	2.5	3.3	5.37	37
2005.01.09 11.42.00	61.60	15.83	9.0	10.76/31.92	1.9	2.8	3.94	2
2005.01.09 23.13.00	61.57	15.72	2.3	16.82/34.7	2.5	3.2	3.34	5
2005.01.10-00.58.00	-61.59	15.80	12.6	14.93/32.95	1.9	2.8	5.15	6
2005.01.10-03.03.00	-61.53	15.85	10.5	16.5/159.7	3.2	4.0	2.53	42
2005.01.10-06.04.00	-61.54	15.85	9.8	15.13/57.53	2.4	2.9	5.30	9
2005.01.10-06.17.00	-61.54	15.84	9.6	15.14/57.94	2.5	3.3	2.77	4
2005.01.10-07.04.00	-61.55	15.83	11.7	15.9/58.88	2.4	3.0	4.02	6
2005.01.10-09.02.00	-61.53	15.73	13.3	22.3/68.47	2.6	3.2	5.76	31
2005.01.10-09.12.00	-61.53	15.74	12.7	21.68/67.68	2.5	3.0	5.49	13
2005.01.11-01.17.00	-61.51	15.81	9.6	17.45/59.26	2.4	3.0	5.58	12
2005.01.11-01.37.00	-61.53	15.85	8.4	14.69/55.7	2.5	3.0	4.67	9
2005.01.11-05.53.00	-61.64	15.83	6.1	6.6/61.96	2.5	3.7	2.28	12
2005.01.14-20.39.00	-61.62	15.84	12.3	13/61.54	2.7	3.3	4.86	24
2005.01.14-22.00.00	-61.59	15.83	14.5	27.67/48.98	2.7	3.5	5.62	76
2005.01.15-03.21.00	-61.62	15.80	2.1	5.62/39.48	2.0	2.8	4.55	4
2005.01.15-05.26.00	-61.61	15.79	9.7	27.25/50.48	2.6	2.9	9.19	39
2005.01.16-06.51.00	-61.58	15.74	12.5	18.83/35.05	2.5	3.1	4.16	10
2005.01.16 13.50.00	-61.54	15.83	2.8	12.04/44.61	2.8	3.2	3.38	6
2005.01.16 18.16.00	61.54	15.75	11.3	19.37/55.9	2.6	3.3	4.62	23
2005.01.17-05.43.00	61.53	15.83	3.8	13.44/31.25	2.3	3.2	2.80	3
2005.01.17 17.24.00	61.54	15.78	13.6	19.36/51.45	2.7	3.4	5.20	45
2005.01.18 12.58.00	-61.53	15.70	12.4	23.97/71.66	3.5	3.6	3.54	29
2005.01.18-23.06.00	-61.60	15.90	0.0	7.76/29.87	2.4	2.7	5.68	6
2005.01.19-03.11.00	-61.61	15.83	11.5	12.5/47.92	2.6	2.9	6.07	11
2005.01.20-01.50.00	-61.56	15.80	13.6	17.22/62.41	2.5	3.0	7.13	30
2005.01.20-23.40.00	-61.63	15.84	13.7	14.09/46.73	2.6	3.2	4.88	18
2005.01.21-00.02.00	-61.62	15.84	13.2	13.71/61.65	3.0	3.5	4.93	50
2005.01.21-03.44.00	-61.63	15.84	13.0	13.4/61.67	2.5	2.8	7.79	22
2005.01.22-00.00.00	-61.53	15.76	14.0	29.8/67.39	3.2	3.8	3.68	57
2005.01.22-20.51.00	-61.62	15.84	12.3	12.78/35.54	2.1	2.9	5.45	8
2005.01.23-21.19.00	-61.60	15.83	12.8	14.28/33.1	2.5	3.1	3.66	5
2005.01.26-02.15.00	-61.54	15.82	9.1	14.56/58.84	0.0	2.9	5.08	8
2005.01.26-03.10.00	-61.60	15.85	8.4	8.96/38.19	2.3	2.8	4.70	5

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Table 4 continued.

Date	Longitude	Latitude	Depth (km)	Distance range (kms)	$M_d$	$M_w$	Corner frequency (Hz)	Brace's stress drop ( $10^7$ Pa)
2005.01.26-08.14.00	-61.62	15.82	9.4	10.53/140.1	3.2	3.6	3.21	24
2005.01.26-09.00.00	-61.64	15.80	1.3	14.57/46.04	4.3	2.6	7.10	7
2005.01.27-03.34.00	-61.63	15.85	9.7	10.14/37.1	2.1	2.6	6.60	4
2005.01.27-05.04.00	-61.62	15.80	10.6	15.41/40.5	2.0	2.6	7.39	7
2005.01.28-14.39.00	-61.64	15.81	10.6	11.61/37.40	6.0	3.6	6.91	21
2005.01.29-14.45.00	-61.58	15.80	13.9	16.87/48.04	4.4	4.7	1.57	60
2005.01.30 04.09.00	61.07	15.87	7.7	17.61/52.28	3.7	3.1	6.76	31
2005.01.30 08.36.00	61.00	15.81	10.8	39.63/49.32	2.7	2.7	8.10	13
2005.01.30 10.06.00	61.50	15.80	12.6	28.9/51.94	2.8	3.3	3.31	12
2005.02.01 08.00.00	61.00	15.84	12.7	25.69/90.0	2.7	3.0	6.52	30
2005.02.04 05.53.00	61.03	15.84	7.3	7.8/34.51	1.9	2.6	6.45	4
2005.02.04 21.52.00	61.02	15.82	13.2	15.98/41.41	2.4	3.2	3.24	12
2005.02.04 22.21.00	61.61	15.81	12.8	14.04/63.01	3.0	3.7	2.84	18
2005.02.09-04.50.00	-61.50	15.82	13.9	27.81/62.50	2.4	3.0	7.27	34
2005.02.09-04.52.00	-61.60	15.81	14.1	15.74/61.25	2.8	3.4	4.12	21
2005.02.09-06.04.00	-61.63	15.81	2.4	3.19/34.23	2.3	2.9	3.80	3
2005.02.09-07.08.00	-61.61	15.81	2.1	20.52/32.19	2.2	2.7	7.20	11
2005.02.09-09.34.00	-61.50	15.80	0.6	8.89/54.78	2.3	2.9	5.61	10
2005.02.14-18.05.00	-61.59	15.81	10.7	13.62/167.84	5.7	5.8	6.59	150
2005.02.14-18.30.00	-61.60	15.81	3.0	21.97/39.40	2.7	3.0	3.14	30
2005.02.14-18.30.00	-61.50	15.82	4.8	26.09/42.0	2.4	3.2	6.72	33
2005.02.14-18.40.00	-61.53	15.76	12.0	33.74/69.42	3.2	4.1	1.82	19
2005.02.14-19.25.00	-61.63	15.81	8.6	21.67/61.29	3.3	3.9	2.07	16
2005.02.14 20.34.00	61.54	15.75	11.5	39.47/68.03	3.2	4.0	3.84	129
2005.02.14 22.35.00	61.62	15.81	8.5	23.92/49.11	2.7	3.2	3.95	14
2005.02.15 00.28.00	61.61	15.84	13.3	24.33/47.27	2.3	3.2	7.91	30
2005.02.15 01.45.00	61.49	15.71	13.0	41.64/73.42	3.0	3.8	3.60	104
2005.02.15 02.38.00	61.50	15.82	9.1	28.83/69.07	3.0	3.9	7.21	64
2005.02.15 03.13.00	61.53	15.75	9.9	36.69/68.12	2.4	3.0	9.96	82
2005.02.15 04.31.00	61.50	15.77	11.1	31.57/64.5	3.3	4.1	2.13	40
2005.02.15 05.28.00	61.59	15.83	11.1	25.13/46.16	2.7	3.2	4.02	4
2005.02.15 05.35.00	61.62	15.80	13.4	23.01/52.77	2.3	2.9	5.67	12
2005.02.15-06.49.00	-61.57	15.84	12.2	26.27/57.7	2.7	3.3	5.38	34
2005.02.15-20.56.00	-61.54	15.81	13.2	31.3/50.43	3.1	3.6	4.76	71
2005.02.16-02.13.00	-61.61	15.84	14.6	25.74/48.13	2.5	3.1	5.59	17
2005.02.16-03.38.00	-61.54	15.76	13.2	31.17/63.90	2.8	3.4	4.04	28
2005.02.16-20.48.00	-61.50	15.87	0.9	9.18/52.71	3.4	3.9	2.86	36
2005.02.16-23.24.00	-61.61	15.83	4.4	6.09/40.92	3.2	3.9	2.11	17
2005.02.17-09.03.00	-61.47	15.69	16.2	36.29/77.23	6.0	4.2	3.24	179
2005.02.17-09.29.00	-61.48	15.77	0.0	18.12/69.5	6.0	4.0	2.77	40
2005.02.18-07.25.00	-61.65	15.88	0.8	14.64/41.6	2.9	3.6	2.53	6
2005.02.20-16.07.00	-61.58	15.83	4.3	28.11/48.68	2.2	3.2	3.70	20
2005.02.20-14.36.00	-61.54	15.76	14.8	39.34/70.49	2.7	3.4	9.17	12
2005.02.20-17.03.00	61.53	15.75	11.9	29.57/69.47	3.8	4.2	2.00	35
2005.02.20 22.14.00	61.60	15.87	12.6	39.4/44.84	2.4	3.1	4.44	3
2005.02.21 05.13.00	61.54	15.77	13.7	30.26/53.14	2.5	3.1	5.18	17
2005.02.21 07.01.00	61.64	15.84	3.0	16.37/36.69	2.1	2.8	6.11	6
2005.02.21 18.56.00	61.61	15.82	11.4	13.4/34.67	2.4	3.0	4.86	9
2005.02.22 08.03.00	61.65	15.80	5.0	5.39/44.70	3.1	3.8	2.50	14
2005.02.23 00.02.00	61.60	15.85	0.8	7.27/140.7	3.1	3.7	2.83	19
2005.02.23-00.13.00	-61.63	15.88	1.7	5.61/40.46	2.7	3.1	3.51	5
2005.02.23-01.09.00	-61.58	15.74	10.9	17.3/33.5	2.3	3.1	6.13	9
2005.02.23-05.09.00	-61.64	15.87	2.2	6.3/42.19	2.5	2.9	4.71	6
2005.02.23-10.42.00	-61.59	15.82	12.1	13.39/48.24	2.0	2.8	7.00	13
2005.02.23-10.48.00	-61.60	15.83	11.2	11.91/32.31	2.4	3.1	3.98	7
2005.02.23-11.16.00	-61.63	15.83	0.0	6.87/34.45	2.3	2.9	6.48	2
2005.02.23-12.46.00	-61.53	15.81	11.0	13.16/29.61	2.1	2.9	5.33	9
2005.02.23-22.50.00	-61.61	15.84	2.6	3.09/31.5	2.0	2.7	5.33	2
2005.02.24-04.45.00	-61.63	15.85	7.1	7.33/34.25	2.0	2.6	6.80	6
2005.02.24-08.29.00	-61.37	15.83	11.0	12.7/40.14	1.3	2.7	19.79	20
2005.02.24-17.24.00	-61.60	15.84	12.0	12.71/40.93	2.9	3.4	3.32	33
2005.02.24-17.38.00	-61.57	15.82	11.4	12.81/44.1	2.3	3.0	6.47	18
2005.02.25-12.29.00	-61.59	15.84	11.4	12.8/36.03	2.3	2.8	7.80	16
2005.02.27-07.16.00	61.60	15.85	12.4	12.79/44.71	2.3	2.9	6.93	16
2005.02.27-09.30.00	61.61	15.83	11.7	12.74/47.05	2.3	3.1	6.02	13
2005.02.27 20.00.00	61.65	15.85	4.7	5.67/44.00	3.0	3.5	4.30	16
2005.02.28 00.44.00	61.65	15.81	5.6	5.61/36.73	2.5	3.1	3.84	7
2005.02.28 10.18.00	61.54	15.73	12.3	19.81/31.49	2.1	3.1	6.52	10
2005.02.28 15.53.00	61.54	15.79	10.0	19.72/31.17	1.4	3.1	3.86	8
2005.02.28 16.45.00	61.61	15.82	12.0	13.11/34.18	2.7	2.9	5.76	11
2005.03.02-04.13.00	-61.49	15.60	7.9	30.04/114.12	2.5	3.5	3.10	11
2005.03.02-19.24.00	-61.62	15.85	13.4	14/130.4	3.2	3.9	2.59	29
2005.03.03-20.09.00	-61.57	15.79	13.4	15.78/50.54	2.8	3.4	3.70	16
2005.03.03-21.29.00	-61.63	15.84	13.5	13.88/46.25	2.6	3.1	5.70	19
2005.03.04-02.07.00	-61.52	15.80	10.0	14.23/25.82	2.8	2.8	5.55	8
2005.03.04-02.37.00	-61.62	15.80	5.3	11.38/35.04	2.3	3.1	4.26	15
2005.03.04-20.27.00	-61.63	15.80	1.3	3.69/39.23	2.5	3.1	4.68	11
2005.03.05-07.30.00	-61.53	15.77	1.4	12/36.28	2.8	3.2	3.77	10
2005.03.08-09.09.00	-61.54	15.72	0.4	10.24/37.31	3.0	3.1	6.51	19
2005.03.08-22.30.00	-61.59	15.84	0.6	10.15/31.12	1.9	2.9	4.23	5

To be continued on next page.

Table 4 continued...

Date	Longitude	Latitude	Depth (km)	Distance range (km)	$M_B$	$M_C$	Corner frequency (Hz)	Brace's stress drop ( $10^5$ Pa)
2005.03.09-13.37.00	-61.57	15.74	12.2	18.27/34.20	3.0	3.3	4.70	23
2005.03.09-14.04.00	-61.56	15.81	12.0	14.29/33.83	2.1	2.6	7.35	19
2005.03.09-18.34.00	-61.52	15.74	10.7	19.16/37.15	2.6	3.1	3.69	11
2005.03.09-21.00.00	-61.61	15.86	7.8	6.69/32.66	2.1	2.6	6.57	6
2005.03.09-21.55.00	-61.61	15.84	10.2	10.9/32.92	2.2	2.6	5.64	4
2005.03.10-05.05.00	-61.63	15.84	7.1	7.86/34.45	2.7	3.0	3.50	4
2005.03.10.05.21.00	61.60	15.82	10.0	13.03/35	3.3	3.6	3.61	4
2005.03.10.17.39.00	61.53	15.70	10.0	10.69/37.01	3.5	3.6	6.13	6
2005.03.11.10.21.00	-61.54	15.79	13.3	16.7/51.2	3.5	3.8	6.50	31
2005.03.12.09.25.00	61.56	15.83	13.4	13.17/34.65	3.0	3.6	3.73	33
2005.03.12.09.46.00	-61.61	15.85	8.7	8.27/43.73	1.8	2.0	5.71	1.0
2005.03.12.13.02.00	-61.62	15.84	8.4	6.18/33.67	2.1	3.0	4.80	1.0
2005.03.13.23.48.00	-61.53	15.80	14.0	10.69/50.05	2.6	3.1	5.19	13
2005.03.14.21.16.00	-61.58	15.83	10.4	11.06/30.85	1.8	2.3	13.52	1.0
2005.03.15-00.22.00	-61.62	15.85	12.4	12.86/45.32	2.0	3.2	4.03	21
2005.03.16-01.53.00	-61.55	15.75	9.8	16.62/34.05	2.4	2.8	6.35	8
2005.03.16-02.41.00	-61.57	15.82	12.3	13.4/47.61	2.7	2.7	7.08	12
2005.03.16-10.31.00	-61.61	15.83	9.6	10.81/33.11	2.1	2.6	5.22	3
2005.03.16-11.47.00	-61.58	15.81	12.7	15.28/31.72	2.8	3.0	6.07	14
2005.03.16-12.06.00	-61.62	15.81	7.0	9.17/24.61	2.0	3.1	4.19	10
2005.03.16-12.42.00	-61.60	15.82	8.1	6.27/23.28	2.7	3.0	2.97	2
2005.03.19-10.41.00	-61.57	15.82	10.0	12.08/29.90	2.0	4.7	7.17	1.2
2005.03.20-00.24.00	-61.54	15.81	14.1	15.82/48.46	2.0	3.1	3.49	21
2005.03.20-00.27.00	61.54	15.83	13.8	15.29/60.41	2.0	3.3	6.87	60
2005.03.20-06.55.00	61.55	15.89	7.8	6.88/41.64	2.8	3.2	3.04	10
2005.03.21.14.47.00	61.64	15.87	11.5	11.8/45.22	2.8	3.2	5.49	28
2005.03.22.05.06.00	61.51	15.89	3.2	11.06/33.94	3.7	3.7	1.93	4
2005.03.23.08.07.00	61.60	15.86	11.7	11.99/35.93	3.9	3.2	4.98	34
2005.03.23.08.37.00	61.60	15.84	8.6	9.29/44.85	2.3	3.0	3.57	1.2
2005.03.24.08.10.00	61.52	15.75	13.8	20.64/29.74	3.1	3.3	3.53	1.0
2005.03.26.01.46.00	61.58	15.75	9.6	15.61/65.09	3.1	3.5	3.29	34
2005.03.31.03.33.00	61.56	15.73	10.6	18.98/35.8	3.0	3.3	2.81	5
2005.04.03-07.40.00	-61.62	15.81	13.8	14.87/61.52	3.8	4.2	2.31	62
2005.04.03-20.39.00	-61.60	15.84	11.4	12.48/30.63	3.0	3.0	4.64	3
2005.04.06-22.31.00	-61.59	15.84	12.1	13.66/46.69	2.7	3.1	5.63	22
2005.04.07-08.23.00	-61.59	15.84	12.2	13.62/46.14	3.0	3.3	3.11	18
2005.04.18-22.01.00	-61.56	15.74	16.6	21.72/69.34	3.4	3.9	3.36	59
2005.04.22-01.04.00	-61.60	15.84	11.8	12.86/57.92	3.3	3.6	4.87	79
2005.04.29-07.25.00	-61.64	15.81	9.9	10.95/40.65	2.3	2.8	4.72	5
2005.04.29-07.28.00	-61.62	15.85	10.0	11.44/59.55	2.8	3.2	3.85	1.0
2005.04.29-10.00.00	-61.59	15.84	11.3	14.9/57.51	3.0	3.3	5.29	37
2005.04.29-20.50.00	-61.57	15.75	11.4	16.05/67.53	3.4	3.8	3.42	47
2005.04.29-21.21.00	-61.58	15.75	11.6	18.55/55.00	3.1	3.5	3.45	29
2005.05.01-01.49.00	-61.60	15.80	8.6	7.76/50.68	3.2	3.8	1.64	5
2005.05.01-13.44.00	61.60	15.84	11.0	12.08/57.57	2.8	3.7	3.98	65
2005.05.02.17.47.00	61.62	15.82	12.7	13.66/48.96	2.4	3.0	3.56	70
2005.05.04.05.06.00	61.51	15.75	13.8	22.85/69.42	2.6	3.0	6.43	65
2005.05.04.16.18.00	61.62	15.80	10.7	11.46/46.67	2.6	3.0	6.56	43
2005.05.09.04.17.00	61.59	15.85	8.7	8.63/23.84	2.5	2.9	5.36	8
2005.05.09.05.32.00	61.49	15.76	9.4	18.14/68.17	2.6	3.1	4.04	7
2005.05.15.00.38.00	-61.57	15.73	8.3	17.17/51.43	2.9	3.3	3.96	11
2005.05.15-13.30.00	-61.49	15.74	10.4	20.39/55.62	2.8	3.0	13.20	110
2005.05.18-04.45.00	-61.52	15.72	13.1	21.01/35.41	3.4	3.5	3.27	1.6
2005.05.23-10.00.00	-61.60	15.83	11.8	12.21/46.72	3.1	3.2	4.28	11
2005.05.25-06.12.00	-61.52	15.75	12.5	19.39/68.86	2.9	3.0	6.03	1.6
2005.05.31-18.42.00	-61.60	15.85	9.0	9.5/44.37	2.7	3.4	4.01	28
2005.06.06-01.29.00	-61.51	15.82	11.9	16.72/64.95	3.5	4.7	1.55	95
2005.06.14-00.33.00	-61.63	15.83	8.3	10.88/56.67	2.9	3.3	4.32	17
2005.06.14-05.41.00	-61.63	15.83	9.4	11.77/57.26	3.0	3.3	3.37	0
2005.06.14-06.37.00	-61.63	15.83	7.8	10.18/56.82	2.3	3.3	3.05	14
2005.06.22-04.17.00	-61.58	15.82	10.4	14.46/42.05	3.2	3.7	6.39	0
2005.06.22-08.05.00	-61.63	15.89	9.4	17.97/42.85	2.8	3.0	3.37	3
2005.06.22-21.38.00	-61.64	15.85	9.3	9.86/37.65	3.5	3.8	3.31	44
2005.06.22-21.54.00	-61.65	15.85	7.8	8.13/44.47	3.0	3.5	2.74	19
2005.06.22-22.37.00	-61.51	15.71	14.6	24.99/147.98	3.8	4.0	3.61	137
2005.06.22-22.35.00	61.49	15.77	20.0	27.25/59.72	3.1	3.8	3.59	107
2005.06.22.23.08.00	61.64	15.85	11.6	11.28/45.75	3.4	3.5	2.84	16
2005.06.23.15.19.00	61.62	15.82	6.7	7.98/32.81	3.3	3.3	4.03	17
2005.06.26.07.34.00	61.55	15.74	9.8	17.31/68.12	2.8	3.1	4.67	5
2005.06.27.03.50.00	61.52	15.80	13.6	20.25/64.05	3.2	3.8	5.33	197
2005.06.30.04.21.00	-61.56	15.81	12.3	14.09/69.63	3.0	3.3	4.24	17
2005.06.30-07.43.00	-61.57	15.80	11.3	13.49/49.07	3.0	3.5	2.97	19
2005.06.30-08.31.00	-61.56	15.82	10.0	11.66/48.9	2.5	2.9	3.13	4
2005.06.30-08.42.00	-61.56	15.81	10.8	12.59/48.11	2.8	3.3	3.87	21
2005.07.01-02.22.00	-61.57	15.80	11.0	13.38/37.97	3.4	3.8	3.14	43
2005.07.01-21.46.00	-61.61	15.83	12.0	12.95/62.73	3.4	4.0	3.05	54
2005.07.05-06.42.00	-61.58	15.83	15.5	14.05/56.74	2.9	3.2	6.31	42
2005.07.07-07.02.00	-61.49	15.73	12.6	21.63/71.04	3.1	3.1	6.98	46
2005.07.10-05.30.00	-61.62	15.87	7.9	8.64/19.34	1.8	2.0	7.24	0
2005.07.10-18.54.00	-61.63	15.87	8.1	8.74/19.65	2.4	2.6	6.79	4

To be continued on next page...

Table 4 continued...

Date	Longitude	Latitude	Depth (km)	Distance range (km)	$M_D$	$M_U$	Corner frequency (Hz)	Brace & stress drop ( $10^5$ Pa)
2005.07.10-18.14.00	-61.60	15.85	9.5	9.61/22.35	2.2	2.7	6.59	7
2005.07.14-00.24.00	-61.68	15.85	9.5	9.66/46.19	2.7	3.2	4.10	12
2005.07.17-08.02.00	-61.51	15.81	9.7	9.16/48.64	2.7	2.9	5.64	12
2005.07.22-09.29.00	-61.59	15.84	9.5	10.14/40.34	2.6	2.8	9.09	35
2005.07.30-14.16.00	-61.59	15.84	9.6	9.94/35.74	1.8	2.6	8.62	18
2005.07.31-07.23.00	-61.60	15.85	9.6	9.98/22.69	2.4	2.8	6.05	9
2005.08.03 09.18.00	61.60	15.85	9.1	5.85/38.20	2.1	2.8	4.12	8
2005.08.04 17.50.00	61.64	15.88	9.8	15.87/40.84	3.7	3.2	4.32	12
2005.08.04 20.07.00	61.64	15.80	8.2	8.57/39.02	3.0	3.1	3.75	7
2005.08.04 21.28.00	61.64	15.85	8.7	9.02/36.35	2.0	2.9	3.96	3
2005.08.05 07.38.00	61.63	15.88	9.5	5.89/33	3.0	3.0	6.15	6
2005.08.05 22.27.00	61.62	15.88	9.9	7.28/17.5	3.3	3.7	4.83	3
2005.08.06 04.02.00	61.64	15.88	9.0	7.09/33	2.1	3.6	6.09	5
2005.08.10 13.15.00	61.61	15.83	9.2	5.93/45.2	2.7	3.1	5.56	11
2005.08.15-18.30.00	-61.62	15.89	9.2	7.65/17.51	2.1	2.5	4.63	1
2005.08.17-08.28.00	-61.59	15.81	11.3	13.68/30.07	2.9	3.1	3.89	3
2005.08.17-12.22.00	-61.60	15.87	10.0	10.28/21.50	2.5	2.9	7.97	33
2005.08.18-17.44.00	-61.60	15.80	6.8	7.96/42.04	2.7	3.0	6.24	12
2005.08.21-10.47.00	-61.60	15.82	7.0	8.96/27.03	3.1	2.9	5.05	8
2005.08.21-15.29.00	-61.59	15.82	7.6	9.46/47.12	3.3	3.0	2.97	13
2005.09.06-06.18.00	-61.49	15.74	8.3	17.3/34.5	3.0	3.3	4.80	23
2005.09.06-06.55.00	-61.51	15.79	10.8	17.89/64.07	3.1	3.2	6.31	21
2005.09.06-10.17.00	-61.50	15.74	9.4	18.79/55.27	3.2	3.4	3.35	10
2005.09.08-10.12.00	-61.47	15.73	13.7	71.88/130.57	3.1	3.3	6.19	61
2005.09.10 21.46.00	61.54	15.84	8.6	9.4/32.1	2.7	3.0	3.64	5
2005.09.13 13.05.00	61.61	15.91	9.2	10.6/47.41	2.8	2.9	5.08	7
2005.09.14 12.22.00	61.61	15.80	9.4	9.95/44.74	2.8	3.0	3.98	5
2005.09.15 06.03.00	61.58	15.84	9.2	9.25/94	2.8	2.5	9.14	9
2005.09.15 13.59.00	61.59	15.84	7.9	8.57/44.97	3.2	3.2	4.57	17
2005.09.27 08.30.00	61.51	15.81	13.7	17.02/48.6	2.5	2.7	8.95	19
2005.10.09 06.27.00	61.60	15.84	4.7	5.72/21.70	2.2	2.9	4.57	3
2005.10.09 06.56.00	61.67	15.83	6.0	7.65/46.05	3.2	3.7	2.02	8
2005.10.13-05.45.00	-61.62	15.88	8.5	9.59/41.61	2.3	2.7	6.38	8
2005.10.14-01.02.00	-61.60	15.81	8.5	10.56/47.88	3.0	3.5	2.42	6
2005.10.16-05.27.00	-61.60	15.83	6.5	7.83/22.57	2.5	2.9	3.88	3
2005.10.18-23.34.00	-61.60	15.83	11.0	12.33/46.3	2.7	2.9	7.86	28
2005.10.23-03.03.00	-61.62	15.83	8.6	9.37/22.65	2.6	3.1	3.51	6
2005.10.28-06.55.00	-61.60	15.82	6.9	8.7/40.86	2.4	2.8	6.48	9
2005.11.02-02.56.00	-61.59	15.83	12.2	12.84/25.48	2.3	2.6	9.39	19
2005.11.11-17.43.00	-61.61	15.86	9.4	9.9/20.89	2.3	2.9	5.03	8
2005.11.11-18.54.00	-61.60	15.84	12.3	12.72/57.66	3.2	3.5	4.43	34
2005.11.19-08.09.00	-61.59	15.82	9.6	11.34/47.60	2.8	3.1	5.05	14
2005.11.17-05.56.00	-61.58	15.75	12.4	18.86/69.42	3.1	3.3	3.32	15
2005.11.26-11.24.00	-61.64	15.85	6.6	6.94/22.11	2.9	3.3	3.32	8
2005.11.27 21.12.00	-61.64	15.80	5.8	6.32/55.62	3.1	3.3	4.28	17
2005.11.28 09.54.00	61.64	15.88	7.4	6.4/32.31	2.3	2.5	5.02	3
2005.11.29 07.45.00	61.61	15.80	9.8	9.82/30.60	3.1	3.6	5.23	4
2005.12.13 02.23.00	61.62	15.80	11.0	37.65/71.49	3.2	3.7	3.74	49
2005.12.13 02.32.00	61.62	15.80	10.0	11.09/44.14	3.0	3.2	3.97	11
2005.12.22-17.58.00	61.63	15.89	1.8	6.31/39.24	2.7	3.1	3.56	5
2005.12.22-19.09.00	61.65	15.87	9.3	8.71/55.65	4.1	4.0	3.04	81
2005.12.22-19.12.00	-61.64	15.87	4.9	16.61/41.58	3.1	3.3	6.68	94
2005.12.27-18.30.00	-61.52	15.80	13.5	16.74/73.09	3.0	3.2	5.92	30
2006.03.03-02.21.00	-61.57	15.79	12.5	17.5/35.95	3.0	3.2	5.69	30
2006.03.03-02.29.00	-61.60	15.84	14.3	14.88/57.87	3.0	3.4	3.99	10
2006.03.31-06.24.00	-61.49	15.70	12.2	24.33/42.73	3.2	3.1	5.89	22
2006.04.21-06.06.00	-61.52	15.68	10.5	24.59/76.04	3.1	3.1	3.49	5
2006.04.28-07.14.00	-61.63	15.82	6.9	7.89/57.62	3.1	3.1	3.68	7
2006.04.28-10.46.00	-61.59	15.77	12.5	19.47/53.04	3.4	3.4	4.78	29
2006.05.08-19.18.00	-61.51	15.73	12.7	21.39/60.59	3.2	3.9	8.59	93
2006.05.19-14.22.00	-61.51	15.79	13.6	22.99/78.75	3.4	3.5	6.61	100
2006.05.13-13.37.00	-61.63	15.81	1.8	5.93/34.81	3.1	3.2	3.49	6
2006.05.13-00.47.00	-61.60	15.82	12.4	13.6/48.30	3.1	3.6	3.94	39
2006.05.23 19.32.00	-61.63	15.82	19.2	11.16/49.61	3.2	3.2	3.98	14
2006.05.19 06.39.00	61.61	15.83	14.0	14.75/76.95	3.1	3.5	5.11	47
2006.06.21 02.43.00	61.54	15.77	8.9	18.57/74.23	3.0	3.1	5.61	19
2006.06.21 03.46.00	61.53	15.74	13.0	31.6/115.49	3.3	3.6	9.89	13
2006.06.21 17.48.00	61.53	15.72	12.2	30.5/69.3	3.0	3.2	4.62	17
2006.06.24 13.21.00	61.61	15.83	12.1	19.98/46.93	3.0	3.2	4.09	19
2006.07.05 22.21.00	61.53	15.74	11.7	18.81/78.73	3.4	4.1	2.76	83
2006.07.11 20.20.00	-61.53	15.70	13.0	22.94/64.07	2.3	3.6	3.06	21
2006.08.03-15.48.00	-61.60	15.85	8.9	9.27/58.34	3.1	3.4	3.74	28
2006.08.08-20.32.00	-61.56	15.73	9.6	18.7/61.53	3.1	3.4	3.26	13
2006.09.06-01.04.00	-61.53	15.75	11.7	18.1/67.8	3.4	3.7	5.51	138
2007.01.31-09.09.00	-61.61	15.84	11.3	26.06/75.79	3.3	3.5	3.36	17
2007.02.23-18.43.00	-61.63	15.84	6.8	8.9/77.21	3.3	3.5	2.82	10
2008.04.14-07.14.00	-61.61	15.84	4.2	19.3/56.9	2.9	3.7	2.31	12
2008.04.14-07.18.00	-61.61	15.85	3.6	18.37/64.93	3.0	3.9	1.99	11
2008.04.14-07.21.00	-61.61	15.83	4.4	6.33/56.13	3.2	4.1	2.09	28

To be continued on next page...

Table 4 continued...

Date	Longitude	Latitude	Depth (km)	Distance-range (km)	$M_d$	$M_w$	Corner frequency (Hz)	Brune's stress-drop ( $10^5$ Pa)
2008.04.14-07:29.00	-81.61	15.83	4.0	6.24/60.25	2.4	3.2	2.73	4
2008.04.16-18:54.00	-81.61	15.83	3.0	5.29/50.58	3.2	3.7	2.44	14
2008.04.17-05:46.00	-81.62	15.84	3.0	5.91/70.39	3.2	3.7	2.64	16
2008.04.17-21:26.00	-81.61	15.79	2.0	8.49/58.11	3.2	3.8	2.98	29
2008.04.26-15:10.00	-81.60	15.86	0.2	10.47/91.02	6.1	3.4	3.28	18
2008.06.17-18:17.00	-81.62	15.86	4.1	6.16/71.26	6.1	4.0	1.79	17
2008.06.17-18:19.00	81.64	15.80	0.0	6.24/24.34	2.7	3.6	2.37	9
2008.06.17-20:13.00	81.63	15.84	5.0	5.33/73.38	3.2	3.8	2.02	19
2008.11.28-05:27.00	81.62	15.84	0.0	9.69/73.67	3.1	3.6	3.03	31
2009.04.13-18:02.00	81.51	15.70	11.0	22.84/73.80	3.4	4.0	2.15	20
2009.04.13-19:37.00	81.51	15.72	11.0	21.31/68.95	3.0	3.8	3.37	41
2009.05.24-02:12.00	-81.60	15.81	0.1	14.30/99.75	3.1	3.8	3.07	35