Appendix

List of Strong Ground Motion Indices for the 1999 Chi-Chi, Taiwan Earthquake

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep. Dis.(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
1	CHY024	24.05	23.76	120.61	141.0	162.0	276.0	141.5	162.3	276.5	307.6	46.4	43.4	55.1	60.1	5.31	39.7
2	CHY025	31.91	23.78	120.51	170.0	152.0	159.0	169.8	152.2	158.8	164.4	37.7	33.0	47.8	51.3	5.06	30.6
3	CHY026	41.68	23.80	120.41	70.0	66.0	76.0	69.7	65.9	76.2	80.9	24.1	28.9	41.2	41.4	4.49	16.6
4	CHY027	59.11	23.75	120.25	46.0	51.0	54.0	45.9	51.4	54.2	59.9	8.3	14.3	22.4	22.5	4.05	7.6
5	CHY028	32.92	23.63	120.61	336.0	750.0	624.0	335.7	749.1	627.2	864.7	30.7	106.0	131.2	162.0	6.18	96.8
6	CHY029	39.82	23.61	120.53	158.0	233.0	283.0	157.6	233.3	283.2	287.9	17.1	37.9	33.9	40.4	5.49	38.1
7	CHY032	61.46	23.58	120.29	62.0	73.0	86.0	61.8	72.6	86.2	97.1	10.4	20.6	25.0	25.0	4.67	20.5
8	CHY033	70.54	23.54	120.22	34.0	59.0	68.0	34.0	58.7	67.7	67.7	8.6	16.7	22.2	22.9	4.26	13.6
9	CHY035	44.30	23.52	120.58	106.0	244.0	246.0	106.1	244.6	246.0	281.6	15.0	34.5	48.6	49.5	5.69	60.9
10	CHY036	44.19	23.61	120.48	104.0	200.0	267.0	104.4	199.8	267.2	299.7	13.1	43.2	40.0	53.9	5.51	44.6
11	CHY039	60.89	23.52	120.34	38.0	97.0	114.0	38.3	96.9	113.8	114.2	14.3	26.8	25.4	26.9	4.75	22.0
12	CHY041	51.56	23.44	120.60	123.0	630.0	297.0	122.9	630.6	297.1	647.6	9.7	37.7	20.8	40.9	5.63	46.1
13	CHY042	60.23	23.36	120.58	63.0	65.0	98.0	62.7	65.4	97.6	97.7	8.9	11.1	13.8	15.9	4.63	16.9
14	CHY044	84.81	23.38	120.16	25.0	68.0	55.0	24.7	67.8	54.8	68.8	9.3	15.3	21.7	21.7	4.32	13.2
15	CHY046	55.48	23.48	120.46	80.0	186.0	143.0	79.9	186.4	142.8	187.8	7.3	20.2	18.7	23.2	4.93	27.9
16	CHY050	76.27	23.28	120.41	27.0	66.0	105.0	27.4	66.1	105.1	105.3	6.2	8.0	10.8	10.8	4.12	9.6
17	CHY054	79.87	23.31	120.31	33.0	94.0	93.0	33.4	93.8	93.1	101.6	8.0	21.4	19.1	21.5	4.56	18.0
18	CHY057	88.75	23.15	120.41	21.0	53.0	39.0	21.3	52.8	38.7	55.1	5.4	6.4	6.6	7.8	3.83	6.2
19	CHY058	91.35	23.17	120.32	25.0	57.0	47.0	24.9	57.3	47.5	62.2	5.2	13.1	9.6	13.3	4.18	10.5
20	CHY059	104.29	23.18	120.10	16.0	47.0	46.0	15.6	47.2	46.7	55.8	6.1	16.6	20.8	23.4	4.24	11.5
21	CHY060	100.35	23.12	120.24	19.0	44.0	42.0	19.3	44.4	41.4	46.7	5.6	17.5	13.5	18.1	4.06	10.2
22	CHY061	91.95	23.08	120.51	20.0	42.0	28.0	20.0	41.9	28.2	42.1	5.4	5.1	5.2	6.4	3.59	4.9
23	CHY062	89.71	23.12	120.45	19.0	49.0	59.0	19.5	49.3	59.3	59.9	3.9	5.8	5.3	7.0	3.87	5.8
24	CHY063	104.07	23.03	120.34	26.0	65.0	58.0	25.8	65.0	58.4	68.8	5.9	8.5	7.6	8.5	4.15	8.5
25	CHY065	115.90	22.91	120.34	29.0	93.0	114.0	29.3	93.0	113.7	114.5	6.9	12.4	17.8	18.3	4.77	18.3

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
26	CHY069	117.43	22.97	120.18	25.0	38.0	43.0	24.6	38.1	43.3	44.5	6.4	9.1	11.3	11.4	3.98	10.4
27	CHY070	115.69	22.97	120.23	17.0	48.0	38.0	16.6	47.5	38.0	48.3	6.3	13.1	12.5	14.0	4.06	9.5
28	CHY071	110.20	23.07	120.16	15.0	53.0	77.0	14.9	53.0	77.3	85.1	6.5	23.5	20.2	23.7	4.39	13.1
29	CHY074	38.57	23.51	120.81	98.0	157.0	229.0	97.7	157.0	229.3	262.1	14.4	21.4	33.6	33.7	5.25	35.8
30	CHY076	65.27	23.64	120.22	31.0	71.0	69.0	31.5	71.0	68.7	92.6	9.2	18.5	25.1	28.6	4.33	10.7
31	CHY078	108.68	23.04	120.23	21.0	44.0	87.0	21.0	43.8	86.9	87.1	5.5	18.5	14.3	18.8	4.30	13.0
32	CHY079	80.17	23.18	120.53	28.0	50.0	42.0	28.3	49.7	42.3	49.7	4.8	6.4	5.7	6.9	3.82	6.1
33	CHY080	32.17	23.60	120.68	716.0	842.0	792.0	716.5	842.8	794.0	1128.9	41.8	105.8	108.2	150.1	6.02	104.1
34	CHY081	73.59	23.27	120.49	26.0	44.0	53.0	25.6	43.8	53.2	56.7	5.9	8.9	9.4	11.5	4.19	10.6
35	CHY082	54.63	23.72	120.30	78.0	63.0	61.0	78.4	63.3	60.9	85.0	8.7	20.2	29.1	29.3	4.25	11.2
36	CHY086	60.61	23.35	120.59	50.0	202.0	100.0	50.0	201.9	99.1	203.6	8.2	17.8	31.3	31.9	5.17	29.9
37	CHY087	60.52	23.38	120.52	55.0	125.0	132.0	55.2	125.4	132.4	141.8	7.5	14.2	10.5	17.0	4.72	14.7
38	CHY088	69.04	23.35	120.43	42.0	207.0	148.0	42.0	207.4	148.2	212.5	6.9	21.8	19.4	22.1	5.03	23.1
39	CHY090	89.65	23.27	120.22	30.0	71.0	75.0	29.7	70.7	75.2	76.0	11.3	23.7	18.2	27.0	4.46	15.4
40	CHY101	32.11	23.69	120.56	162.0	390.0	333.0	162.2	390.4	333.0	474.7	29.4	106.1	66.9	106.1	5.57	66.3
41	CHY102	70.94	23.25	120.61	23.0	49.0	41.0	23.2	48.5	40.5	57.0	6.0	5.5	7.0	7.0	3.74	5.4
42	HWA007	82.87	23.99	121.62	30.0	84.0	64.0	30.0	84.3	64.4	84.6	10.9	18.3	20.3	24.3	4.53	18.2
43	HWA009	82.88	23.99	121.62	39.0	101.0	84.0	38.8	100.8	84.5	101.1	11.6	14.1	16.6	19.2	4.48	17.2
44	HWA011	79.89	24.00	121.59	37.0	97.0	87.0	36.8	97.4	86.9	103.1	8.6	25.6	18.9	27.1	4.78	21.5
45	HWA012	83.58	23.99	121.62	36.0	64.0	80.0	36.5	64.4	79.8	84.7	10.3	15.4	16.8	19.8	4.54	15.7
46	HWA013	80.05	23.98	121.59	61.0	111.0	140.0	61.3	111.3	139.9	139.9	8.3	24.6	30.0	33.6	4.99	28.9
47	HWA014	80.80	23.97	121.60	39.0	89.0	102.0	39.3	88.8	101.7	109.8	9.7	25.6	21.5	33.3	4.86	24.7
48	HWA015	77.13	23.97	121.56	51.0	70.0	104.0	50.9	70.5	104.1	109.1	9.9	14.0	14.9	18.5	4.69	17.7
49	HWA016	76.71	23.97	121.56	50.0	83.0	101.0	49.8	82.6	100.8	103.8	10.8	13.5	15.9	16.4	4.64	16.0
50	HWA017	75.17	23.95	121.55	49.0	83.0	81.0	49.3	83.1	80.8	86.7	9.1	9.8	11.9	12.1	4.44	12.0

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
51	HWA019	81.44	23.98	121.61	47.0	133.0	126.0	46.9	132.7	126.6	165.1	10.7	21.0	18.9	23.8	4.83	27.9
52	HWA020	63.08	23.81	121.43	52.0	67.0	57.0	52.5	66.7	56.7	72.6	8.7	9.4	10.6	13.5	4.30	11.1
53	HWA022	103.67	24.27	121.73	39.0	80.0	119.0	39.3	80.3	119.3	135.1	7.7	10.5	14.6	15.3	4.55	13.1
54	HWA023	83.08	24.08	121.60	28.0	37.0	38.0	28.0	37.3	38.2	38.5	7.0	7.7	10.8	10.8	3.76	5.6
55	HWA024	74.56	23.35	121.30	25.0	25.0	22.0	25.0	25.4	21.8	27.9	5.4	4.8	6.5	6.7	3.40	4.1
56	HWA025	90.66	24.16	121.64	33.0	66.0	65.0	33.1	66.6	64.9	73.4	6.6	9.7	9.1	11.0	4.20	9.7
57	HWA026	86.77	24.13	121.62	38.0	55.0	70.0	37.8	54.7	70.0	72.8	6.9	9.3	10.0	11.3	4.20	9.3
58	HWA027	81.93	24.06	121.59	37.0	93.0	121.0	37.1	92.6	120.6	122.7	7.2	12.7	16.0	16.8	4.82	19.8
59	HWA028	81.79	24.02	121.60	49.0	85.0	101.0	48.9	85.2	101.2	122.6	8.8	14.4	15.1	19.9	4.59	16.6
60	HWA029	77.38	23.94	121.57	30.0	78.0	85.0	30.2	77.7	85.2	95.6	9.8	13.1	16.6	17.3	4.66	16.9
61	HWA030	65.05	23.79	121.45	48.0	80.0	70.0	48.0	80.4	69.9	84.3	8.7	10.7	11.1	14.4	4.39	14.2
62	HWA031	69.76	23.77	121.49	70.0	98.0	91.0	69.7	98.5	90.7	112.0	14.9	17.6	18.3	20.1	4.77	21.2
63	HWA032	63.11	23.71	121.41	87.0	108.0	150.0	87.4	108.2	150.1	159.9	8.7	8.2	24.2	24.3	4.41	11.1
64	HWA033	69.77	23.69	121.47	51.0	164.0	162.0	51.5	164.4	161.7	185.2	8.9	17.5	20.0	21.6	5.01	22.7
65	HWA034	64.44	23.59	121.38	66.0	139.0	134.0	66.2	139.1	134.1	154.9	8.5	11.4	11.3	14.6	4.73	14.0
66	HWA035	65.65	23.73	121.44	52.0	72.0	77.0	51.7	72.4	77.4	81.4	8.9	7.1	11.7	11.7	4.19	9.2
67	HWA036	68.78	23.50	121.37	31.0	59.0	72.0	30.6	59.3	72.2	74.1	7.6	11.2	15.1	15.2	4.45	13.7
68	HWA037	73.35	23.45	121.38	78.0	124.0	108.0	78.5	124.0	108.3	131.6	12.8	25.6	13.4	26.4	4.86	20.0
69	HWA038	69.65	23.46	121.34	40.0	57.0	36.0	39.6	57.0	36.1	57.3	6.5	9.8	7.5	10.8	3.95	7.1
70	HWA039	75.85	23.38	121.35	39.0	74.0	81.0	39.2	74.2	81.3	85.3	7.8	15.2	11.1	15.5	4.53	17.2
71	HWA041	81.75	23.27	121.29	42.0	84.0	79.0	41.8	83.7	79.2	88.1	9.6	16.5	13.1	16.9	4.62	16.1
72	HWA043	75.64	23.71	121.54	31.0	67.0	57.0	31.1	67.0	57.3	83.8	7.3	8.8	15.4	15.8	4.08	9.4
73	HWA044	76.05	23.65	121.53	28.0	78.0	46.0	28.2	78.5	46.1	83.7	7.5	10.0	8.3	10.1	4.12	8.4
74	HWA056	78.88	24.18	121.51	59.0	106.0	102.0	58.8	106.2	102.3	119.0	7.8	10.4	8.9	11.3	4.23	8.5
75	HWA057	87.45	24.16	121.61	52.0	122.0	78.0	51.6	121.6	77.9	128.5	6.8	8.1	9.8	9.9	4.04	6.4

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
76	HWA058	69.90	23.97	121.49	57.0	114.0	92.0	57.4	113.7	92.2	125.5	8.1	9.9	11.4	13.0	4.43	12.9
77	HWA059	70.52	23.87	121.51	53.0	119.0	135.0	52.9	118.6	135.3	150.4	9.7	15.0	15.3	18.1	4.88	20.7
78	HWA060	79.67	23.87	121.60	27.0	34.0	40.0	27.0	34.2	39.8	51.1	10.1	6.1	10.2	10.3	3.75	7.0
79	HWA2	81.44	23.98	121.61	48.0	132.0	129.0	47.8	132.3	129.2	166.5	13.1	22.7	20.1	25.1	4.85	28.1
80	ILA030	135.57	24.73	121.76	29.0	108.0	116.0	29.6	108.6	115.7	121.3	10.4	28.3	23.7	31.5	4.88	22.9
81	ILA031	131.93	24.60	121.83	29.0	74.0	56.0	29.5	74.5	55.7	80.5	7.4	9.1	9.9	10.1	4.12	7.2
82	ILA036	140.12	24.79	121.75	23.0	65.0	47.0	22.8	65.1	54.6	70.0	11.6	18.6	14.0	18.6	4.36	14.1
83	ILA037	134.04	24.75	121.71	25.0	104.0	69.0	24.9	103.6	69.0	107.8	8.1	29.3	16.4	33.4	4.87	28.1
84	ILA042	135.27	24.69	121.79	21.0	67.0	82.0	21.0	67.0	82.1	90.9	7.7	13.3	17.0	17.6	4.53	17.8
85	ILA046	129.31	24.67	121.73	30.0	52.0	67.0	30.3	52.2	66.5	76.6	8.8	9.7	11.7	12.5	4.33	12.5
86	ILA049	138.02	24.77	121.75	25.0	61.0	82.0	25.2	60.8	81.7	88.8	9.7	16.1	21.0	22.3	4.67	21.1
87	ILA050	113.22	24.43	121.74	54.0	63.0	63.0	53.6	62.9	63.6	68.3	10.5	9.6	8.8	9.6	4.08	7.4
88	ILA051	128.84	24.72	121.67	23.0	33.0	77.0	23.2	32.7	77.2	77.2	9.6	8.0	12.3	13.2	4.40	14.4
89	ILA052	133.89	24.61	121.85	18.0	39.0	26.0	18.4	38.8	25.8	41.2	6.2	7.7	7.7	7.8	3.63	5.5
90	ILA067	85.77	24.44	121.37	94.0	168.0	195.0	94.5	168.5	195.0	220.2	12.1	18.5	11.7	20.3	4.82	17.3
91	KAU006	149.34	22.59	120.32	11.0	23.0	23.0	11.2	22.6	23.4	26.0	6.0	10.8	8.0	11.0	3.69	6.7
92	KAU007	142.17	22.65	120.36	13.0	24.0	25.0	13.2	24.3	24.8	28.2	6.3	9.5	9.7	11.8	3.62	5.8
93	KAU008	143.63	22.63	120.37	13.0	29.0	26.0	13.1	28.6	26.3	29.6	5.4	9.0	7.4	9.9	3.68	5.5
94	KAU010	130.68	22.79	120.28	11.0	31.0	32.0	11.4	31.0	31.6	33.0	7.5	16.4	12.4	16.4	3.88	8.5
95	KAU011	134.31	22.76	120.26	14.0	55.0	56.0	13.7	54.5	56.3	58.5	6.7	16.6	12.2	16.9	4.28	11.3
96	KAU012	117.55	22.88	120.37	23.0	46.0	85.0	23.4	45.9	84.5	91.3	8.4	10.0	10.8	11.3	4.28	11.1
97	KAU015	141.17	22.66	120.33	13.0	30.0	27.0	13.5	30.2	27.0	33.0	5.3	10.6	10.1	11.1	3.76	7.4
98	KAU018	112.66	22.89	120.47	16.0	25.0	34.0	15.7	24.9	34.3	34.3	5.6	8.0	7.6	8.8	3.59	5.3
99	KAU020	110.12	22.90	120.52	19.0	75.0	54.0	19.4	75.5	54.0	75.5	4.8	16.4	13.0	17.0	4.64	17.2
100	KAU022	135.67	22.67	120.49	13.0	59.0	31.0	13.1	59.3	31.3	59.4	3.0	8.6	8.2	8.9	3.87	8.1

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
101	KAU030	140.65	22.61	120.56	12.0	33.0	38.0	12.4	33.3	38.0	39.1	4.0	7.4	8.1	8.3	4.05	8.8
102	KAU032	149.98	22.55	120.45	9.0	28.0	38.0	9.2	28.5	38.5	39.9	4.1	10.1	11.0	11.0	4.05	9.5
103	KAU033	157.90	22.47	120.45	8.0	18.0	27.0	8.2	18.4	26.8	27.2	3.6	8.7	12.2	12.4	3.71	7.1
104	KAU034	148.55	22.53	120.62	9.0	16.0	9.0	8.6	15.6	8.7	15.6	2.5	2.6	2.7	3.1	2.86	2.2
105	KAU037	173.33	22.30	120.63	10.0	25.0	18.0	9.9	25.1	17.6	27.1	3.1	5.1	4.0	5.5	3.64	6.1
106	KAU038	184.99	22.19	120.69	6.0	10.0	9.0	5.7	9.6	8.7	10.0	2.5	2.1	4.2	4.6	2.83	2.1
107	KAU039	195.09	22.10	120.74	7.0	10.0	11.0	6.5	10.1	10.6	12.2	2.7	3.4	3.0	3.7	3.08	3.4
108	KAU040	184.32	22.19	120.87	6.0	32.0	8.0	6.4	31.6	7.8	31.6	2.0	2.1	2.6	2.6	2.81	2.1
109	KAU042	203.32	22.02	120.83	6.0	11.0	11.0	6.1	10.6	10.7	12.7	2.2	3.0	4.2	4.4	3.08	3.4
110	KAU043	215.38	21.91	120.84	10.0	15.0	16.0	9.6	14.8	16.1	17.1	4.6	4.6	5.0	5.4	3.34	4.1
111	KAU044	160.35	22.44	120.50	11.0	38.0	36.0	10.5	37.8	35.8	41.5	5.7	14.5	13.2	14.8	4.09	10.8
112	KAU046	205.35	22.01	120.74	8.0	23.0	22.0	7.9	22.5	22.3	24.4	2.7	5.6	7.0	7.0	3.72	7.3
113	KAU047	89.26	23.08	120.58	20.0	42.0	33.0	20.3	42.0	32.6	42.2	5.5	5.3	6.6	6.7	3.78	5.6
114	KAU048	129.83	22.73	120.49	12.0	29.0	38.0	11.6	28.7	38.4	43.5	3.9	8.2	8.7	9.3	4.00	9.0
115	KAU050	77.31	23.16	120.76	23.0	37.0	42.0	23.0	37.2	41.8	41.9	4.7	6.1	6.9	7.4	3.78	6.0
116	KAU051	165.83	22.37	120.62	7.0	8.0	9.0	6.6	8.5	9.2	9.9	3.4	2.8	3.7	3.7	2.81	2.1
117	KAU052	212.09	21.94	120.81	5.0	7.0	10.0	4.8	7.4	10.4	10.4	2.4	3.4	4.0	4.2	2.97	3.0
118	KAU054	65.14	23.28	120.71	30.0	78.0	84.0	29.8	78.3	84.2	84.3	4.7	5.2	7.6	8.4	4.14	8.5
119	KAU057	146.86	22.63	120.26	10.0	15.0	16.0	9.0	15.0	15.9	16.0	10.7	6.2	6.3	7.1	3.14	3.1
120	KAU058	144.08	22.64	120.32	13.0	24.0	23.0	13.2	23.8	22.7	27.7	5.5	8.0	9.1	10.5	3.67	5.8
121	KAU062	147.34	22.62	120.28	16.0	33.0	27.0	15.9	33.3	27.4	33.8	4.3	7.7	13.7	13.8	3.81	6.8
122	KAU063	124.33	22.91	120.17	11.0	40.0	39.0	11.0	39.9	39.2	42.0	7.3	12.1	13.7	15.6	4.03	9.2
123	KAU064	132.67	22.79	120.24	11.0	32.0	42.0	10.5	31.6	41.8	41.8	4.8	11.8	9.0	12.1	4.02	9.3
124	KAU066	134.03	22.73	120.34	15.0	44.0	33.0	15.1	43.6	33.1	49.4	6.9	8.3	8.8	10.4	3.93	7.7
125	KAU069	108.77	22.89	120.66	19.0	33.0	39.0	18.8	33.2	39.1	41.2	2.5	2.4	3.4	3.6	3.33	3.2

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
126	KAU073	149.39	22.53	120.53	10.0	28.0	28.0	10.3	27.5	28.1	35.6	5.0	8.4	6.4	8.4	3.85	7.5
127	KAU074	144.51	22.57	120.57	14.0	27.0	30.0	13.7	27.3	30.0	32.2	4.7	9.5	8.2	9.8	3.90	7.8
128	KAU075	155.04	22.49	120.50	10.0	41.0	30.0	9.6	40.9	29.6	41.1	6.0	9.8	10.8	12.7	4.01	9.2
129	KAU077	123.44	22.75	120.72	13.0	22.0	22.0	13.0	22.2	22.1	26.0	3.1	2.9	2.9	3.4	3.19	3.4
130	KAU078	128.33	22.71	120.64	14.0	23.0	45.0	14.5	23.3	45.4	45.7	2.8	2.6	2.9	3.7	3.40	3.2
131	KAU081	204.86	22.01	120.74	10.0	20.0	26.0	10.5	19.6	26.2	26.2	3.3	5.9	5.8	6.2	3.60	5.8
132	KAU082	212.53	21.94	120.73	9.0	19.0	17.0	8.6	19.5	17.0	20.1	3.8	5.0	7.0	7.0	3.49	4.9
133	KAU083	147.85	22.57	120.45	11.0	23.0	28.0	11.1	23.5	28.1	29.5	7.3	8.0	8.2	8.5	3.79	7.2
134	TAP032	143.12	25.00	121.48	57.0	112.0	108.0	57.4	112.4	108.3	124.3	9.5	21.6	23.5	26.2	4.98	22.9
135	TAP034	141.45	24.96	121.53	24.0	64.0	53.0	23.5	63.7	53.5	64.3	7.7	11.3	9.6	11.5	4.11	9.2
136	TAP035	138.96	24.92	121.54	27.0	85.0	66.0	26.9	84.8	66.1	88.1	7.2	8.7	9.8	10.0	4.37	11.4
137	TAP036	137.34	24.90	121.54	16.0	38.0	31.0	15.9	38.4	31.0	41.7	8.4	6.4	8.2	8.4	3.68	5.3
138	TAP041	158.90	25.18	121.42	18.0	63.0	84.0	18.4	63.2	84.3	86.0	8.3	17.4	20.2	21.1	4.43	15.3
139	TAP042	154.68	25.13	121.45	24.0	95.0	87.0	24.2	95.2	86.7	96.2	10.1	15.7	18.8	22.5	4.52	16.0
140	TAP043	139.27	24.99	121.41	25.0	82.0	63.0	24.9	82.5	63.5	82.8	8.9	20.4	20.4	21.2	4.56	16.3
141	TAP046	168.40	25.10	121.77	18.0	53.0	81.0	17.9	53.2	81.6	81.6	4.7	5.7	12.2	12.3	4.14	10.4
142	TAP047	132.37	24.95	121.34	25.0	53.0	50.0	24.6	53.0	50.5	60.6	8.0	16.6	18.6	19.9	4.20	11.1
143	TAP049	156.09	25.15	121.44	36.0	71.0	116.0	36.0	70.8	115.9	117.0	8.5	19.0	18.9	19.9	4.70	18.1
144	TAP051	151.56	25.10	121.44	35.0	63.0	111.0	35.4	62.7	111.3	117.1	9.5	15.6	17.7	20.2	4.42	16.4
145	TAP052	147.20	25.08	121.38	40.0	128.0	65.0	39.8	128.1	64.6	130.9	7.5	24.2	15.3	25.9	4.67	21.1
146	TAP053	141.29	24.96	121.52	35.0	83.0	79.0	34.7	82.7	79.3	95.0	8.8	9.2	10.5	11.7	4.49	11.7
147	TAP059	168.76	25.16	121.69	18.0	39.0	30.0	17.8	39.3	29.7	40.6	5.3	6.7	7.8	8.2	3.95	8.2
148	TAP060	170.77	25.16	121.72	13.0	35.0	35.0	13.0	34.6	35.4	39.4	5.9	8.0	11.3	11.7	3.91	8.5
149	TAP065	172.58	25.15	121.77	12.0	27.0	38.0	12.3	27.4	37.6	40.2	4.9	7.4	9.9	9.9	4.05	9.4
150	TAP066	163.51	25.19	121.52	21.0	71.0	49.0	21.2	71.4	48.8	72.2	4.3	12.6	8.7	12.8	4.24	12.3

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
151	TAP067	146.45	24.98	121.58	36.0	42.0	36.0	35.7	42.5	36.4	48.2	10.0	9.4	10.2	11.3	4.06	7.8
152	TAP069	174.22	25.01	121.99	12.0	35.0	26.0	12.1	35.2	25.8	36.0	5.6	11.1	7.6	11.8	3.63	5.4
153	TAP086	143.14	24.95	121.57	31.0	50.0	36.0	31.3	49.5	36.1	49.6	7.3	7.7	9.2	9.4	3.93	6.1
154	TAP087	150.53	25.10	121.42	30.0	76.0	48.0	30.1	76.0	48.4	87.1	9.4	20.4	15.2	20.4	4.35	14.8
155	TAP103	166.18	25.07	121.78	28.0	172.0	121.0	27.9	172.2	120.7	176.0	5.1	19.7	26.1	26.1	5.04	26.6
156	TCU003	135.64	25.05	121.14	22.0	80.0	51.0	22.3	80.3	50.9	86.4	10.6	20.3	37.9	37.9	4.40	15.6
157	TCU006	121.27	24.91	121.14	33.0	76.0	59.0	33.1	76.0	59.3	89.7	16.0	18.6	35.7	37.8	4.53	16.2
158	TCU007	136.14	25.00	121.31	28.0	72.0	58.0	27.8	72.4	57.8	76.2	10.2	18.4	24.4	24.8	4.44	13.8
159	TCU008	133.48	25.01	121.21	25.0	65.0	67.0	24.8	64.7	66.7	84.5	8.5	17.8	29.8	31.5	4.37	12.5
160	TCU009	129.29	24.97	121.22	23.0	63.0	70.0	21.8	63.0	70.0	72.8	9.7	18.8	33.0	34.1	4.47	14.9
161	TCU010	131.08	25.00	121.15	28.0	70.0	90.0	28.1	70.2	89.7	106.7	15.2	20.7	33.7	36.1	4.64	18.2
162	TCU011	123.12	24.89	121.28	29.0	70.0	64.0	29.2	70.4	64.0	78.1	13.0	23.0	22.6	23.2	4.58	19.1
163	TCU014	140.71	25.05	121.31	17.0	74.0	56.0	17.5	74.3	55.8	81.0	7.9	15.7	26.8	27.5	4.36	14.7
164	TCU015	100.27	24.76	120.93	66.0	122.0	128.0	65.6	122.3	128.2	130.7	15.2	23.5	39.0	42.0	4.73	19.9
165	TCU017	104.05	24.78	121.01	48.0	123.0	82.0	48.5	123.3	82.2	123.5	14.6	33.6	36.6	47.9	4.93	25.2
166	TCU018	115.55	24.88	121.05	31.0	56.0	56.0	31.2	55.6	55.6	73.2	18.9	23.2	37.2	42.7	4.29	12.3
167	TCU025	100.85	24.71	121.18	36.0	61.0	72.0	36.6	59.9	72.5	78.6	12.9	10.7	16.6	16.9	4.27	9.4
168	TCU026	104.97	24.78	121.08	56.0	89.0	116.0	56.3	89.5	116.1	117.0	14.9	26.6	37.5	45.3	4.53	15.0
169	TCU029	77.86	24.56	120.75	62.0	194.0	155.0	62.2	194.5	154.7	224.4	20.5	52.7	37.3	64.4	4.88	22.4
170	TCU031	78.78	24.56	120.70	65.0	123.0	113.0	65.3	122.6	112.6	157.3	26.1	47.7	52.6	62.6	4.84	23.6
171	TCU033	91.78	24.69	120.86	73.0	181.0	155.0	73.1	181.6	154.6	199.3	15.8	26.1	42.2	43.2	5.09	31.0
172	TCU034	86.57	24.64	120.86	70.0	103.0	248.0	70.3	103.3	248.1	260.0	12.9	24.3	43.3	45.1	5.12	29.0
173	TCU036	66.50	24.45	120.70	61.0	122.0	134.0	61.0	122.4	134.3	137.3	20.9	46.3	57.1	64.8	4.84	23.2
174	TCU038	71.77	24.49	120.66	66.0	143.0	142.0	65.9	142.9	142.4	155.8	31.7	39.7	54.2	54.7	5.01	27.0
175	TCU039	70.26	24.49	120.78	122.0	136.0	193.0	122.0	136.1	193.5	219.5	50.7	58.5	54.5	68.4	5.11	36.6

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
176	TCU040	68.05	24.45	120.64	79.0	122.0	159.0	79.0	122.1	159.1	160.4	17.6	50.0	55.6	56.6	4.79	20.0
177	TCU042	77.11	24.55	120.81	82.0	208.0	248.0	82.0	208.1	247.8	247.8	19.5	36.0	37.4	41.3	5.16	25.7
178	TCU045	76.32	24.54	120.91	353.0	512.0	463.0	353.4	512.0	463.7	582.2	21.8	48.4	47.9	50.6	5.71	57.0
179	TCU046	67.69	24.47	120.85	97.0	116.0	140.0	96.9	116.5	139.7	141.8	32.6	26.1	29.3	33.4	4.66	15.7
180	TCU047	85.25	24.62	120.94	261.0	399.0	292.0	261.2	399.8	292.1	402.5	22.0	37.0	46.9	51.0	5.58	43.7
181	TCU048	42.26	24.18	120.59	97.0	176.0	117.0	97.4	175.7	117.1	177.8	24.5	46.6	36.6	47.1	4.75	17.8
182	TCU049	37.77	24.18	120.69	178.0	242.0	273.0	178.1	242.1	273.6	322.4	27.2	59.9	55.5	60.4	5.22	34.9
183	TCU050	40.36	24.18	120.63	87.0	128.0	143.0	86.8	128.2	142.8	150.5	44.9	43.0	40.6	44.2	4.89	22.3
184	TCU051	37.40	24.16	120.65	110.0	231.0	157.0	109.8	231.0	156.8	244.6	31.7	41.4	53.8	53.9	5.20	28.6
185	TCU052	38.38	24.20	120.74	194.0	439.0	349.0	194.1	438.6	350.0	504.2	168.5	220.8	180.8	265.7	6.29	136.7
186	TCU053	40.02	24.19	120.67	121.0	132.0	225.0	120.9	132.1	225.0	228.4	31.6	43.2	42.9	48.1	5.20	26.9
187	TCU054	36.48	24.16	120.68	133.0	190.0	143.0	133.0	190.4	143.3	196.7	29.9	45.2	45.9	57.4	5.12	34.4
188	TCU055	34.74	24.14	120.66	153.0	208.0	257.0	153.4	208.5	257.1	286.3	57.2	52.7	54.0	60.5	5.35	37.3
189	TCU056	38.59	24.16	120.62	117.0	140.0	154.0	117.0	140.4	153.9	166.1	40.3	40.7	40.0	43.1	4.96	24.5
190	TCU057	41.07	24.18	120.61	81.0	100.0	111.0	81.6	100.2	111.4	121.8	34.6	49.3	41.8	49.5	4.87	23.6
191	TCU059	52.17	24.27	120.56	64.0	162.0	157.0	64.5	162.0	156.7	176.8	14.2	55.7	54.6	61.0	5.19	34.5
192	TCU060	44.19	24.23	120.64	86.0	101.0	197.0	86.3	101.2	197.0	206.1	28.6	43.0	37.0	45.1	4.75	20.1
193	TCU061	40.99	24.14	120.55	86.0	154.0	133.0	86.2	154.1	133.2	160.0	27.0	42.3	47.4	50.8	4.91	25.7
194	TCU063	34.36	24.11	120.62	133.0	130.0	179.0	133.1	130.1	179.6	190.9	58.1	83.9	43.7	87.6	5.19	35.9
195	TCU064	57.91	24.35	120.61	82.0	114.0	109.0	82.5	113.5	109.1	127.3	34.5	58.3	42.1	58.7	4.80	23.8
196	TCU065	25.57	24.06	120.69	258.0	563.0	774.0	258.0	563.9	774.4	801.5	69.1	90.1	132.5	147.4	6.06	84.8
197	TCU067	27.60	24.09	120.72	231.0	313.0	489.0	230.5	313.1	489.0	556.6	50.3	56.1	97.6	108.2	5.87	85.5
198	TCU068	46.74	24.28	120.77	519.0	362.0	502.0	519.8	363.8	500.7	532.0	228.8	292.3	280.7	384.4	6.06	82.1
199	TCU070	46.24	24.20	120.55	76.0	157.0	249.0	76.3	157.3	249.0	249.2	34.8	67.1	53.6	69.1	5.35	38.9
200	TCU071	14.39	23.99	120.79	416.0	639.0	518.0	415.9	639.4	523.8	813.5	59.5	82.6	69.9	84.5	5.92	68.4

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
201	TCU072	20.46	24.04	120.86	275.0	371.0	465.0	274.9	371.1	466.5	466.5	39.5	70.5	89.3	89.8	5.85	65.1
202	TCU074	18.70	23.96	120.96	270.0	368.0	586.0	270.4	368.6	586.4	609.8	25.0	48.9	70.3	76.6	6.04	88.9
203	TCU075	19.70	23.98	120.68	224.0	257.0	325.0	224.0	257.5	325.6	326.5	50.1	36.8	116.2	116.4	5.51	43.9
204	TCU076	15.25	23.91	120.68	275.0	420.0	340.0	275.6	419.7	340.8	419.9	32.7	63.0	69.3	87.6	5.68	58.1
205	TCU078	5.96	23.81	120.85	171.0	302.0	440.0	171.1	302.7	439.9	471.1	19.1	32.3	44.0	45.9	5.62	47.8
206	TCU079	8.28	23.84	120.89	384.0	417.0	580.0	384.1	416.7	579.0	582.5	23.0	32.1	66.8	67.4	5.99	78.4
207	TCU081	105.68	24.80	120.97	36.0	93.0	77.0	36.2	93.2	76.8	96.7	18.0	36.7	36.1	42.8	4.58	18.6
208	TCU082	35.01	24.15	120.68	129.0	183.0	221.0	129.5	182.6	221.2	262.5	36.8	44.1	53.3	64.2	5.34	35.6
209	TCU083	128.74	24.97	121.19	33.0	115.0	89.0	33.2	114.9	89.4	115.3	10.6	22.3	30.3	30.6	4.64	15.6
210	TCU084	9.01	23.88	120.90	312.0	423.0	989.0	312.4	425.0	984.0	984.0	28.8	55.5	114.5	125.3	6.48	161.0
211	TCU085	105.95	24.68	121.36	41.0	52.0	62.0	41.5	52.4	62.2	69.8	9.0	6.3	7.3	7.7	4.15	9.2
212	TCU087	54.40	24.35	120.77	91.0	112.0	119.0	91.1	111.7	119.3	121.7	58.4	43.2	48.9	54.6	4.85	21.5
213	TCU089	6.52	23.90	120.86	190.0	225.0	348.0	190.3	225.4	347.7	365.5	22.2	34.9	46.5	46.5	5.29	32.7
214	TCU092	145.76	25.10	121.28	27.0	62.0	87.0	27.4	62.1	87.3	87.4	10.0	15.9	24.1	24.3	4.44	16.4
215	TCU094	103.62	24.77	121.05	39.0	88.0	71.0	38.9	88.5	70.8	90.1	18.5	24.1	36.7	37.6	4.56	20.3
216	TCU095	94.43	24.69	121.01	251.0	685.0	367.0	251.0	685.2	366.8	685.3	23.3	57.9	50.5	58.0	5.75	50.7
217	TCU096	104.69	24.79	120.96	37.0	106.0	54.0	36.7	105.7	54.1	116.8	14.2	30.3	37.5	42.6	4.49	17.8
218	TCU098	98.36	24.74	120.90	48.0	98.0	104.0	48.2	98.0	103.7	108.1	17.4	27.5	44.8	46.7	4.66	19.3
219	TCU100	41.60	24.19	120.62	84.0	111.0	108.0	83.9	111.4	108.0	130.1	39.7	41.1	40.0	42.1	4.76	20.0
220	TCU101	43.80	24.24	120.71	164.0	254.0	208.0	164.2	253.9	207.9	270.3	46.5	55.5	72.2	74.3	5.36	41.9
221	TCU102	44.33	24.25	120.72	173.0	169.0	298.0	173.5	169.1	298.6	300.3	67.9	71.6	87.8	112.8	5.71	62.2
222	TCU103	51.06	24.31	120.72	142.0	149.0	127.0	142.4	149.4	126.6	168.5	60.9	22.9	68.8	68.8	4.98	24.8
223	TCU104	44.56	24.21	120.60	90.0	87.0	101.0	90.4	87.0	101.5	114.4	23.9	48.3	32.0	55.8	4.71	19.4
224	TCU105	49.50	24.24	120.56	61.0	124.0	111.0	61.2	124.4	111.3	135.1	21.7	40.5	32.9	45.5	4.74	19.3
225	TCU106	36.98	24.09	120.55	116.0	122.0	157.0	115.9	122.4	157.5	161.9	23.8	41.4	40.8	43.6	5.02	28.1

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
226	TCU107	36.84	24.26	120.54	95.0	144.0	128.0	94.6	144.0	127.9	145.4	26.7	48.4	33.7	51.8	5.09	37.6
227	TCU109	35.29	24.08	120.57	133.0	159.0	149.0	133.1	159.2	149.1	202.4	24.2	56.2	55.1	60.6	5.26	35.1
228	TCU110	27.50	23.96	120.57	116.0	188.0	178.0	116.4	188.1	177.2	188.4	32.6	60.9	93.1	97.6	5.43	50.3
229	TCU111	43.77	24.11	120.49	77.0	94.0	125.0	77.1	94.0	124.7	125.3	24.3	35.2	51.0	53.9	4.91	24.3
230	TCU112	45.50	24.06	120.42	65.0	68.0	78.0	65.3	68.0	78.3	83.3	19.7	52.4	35.2	52.4	4.52	17.1
231	TCU113	43.87	23.89	120.39	80.0	72.0	70.0	80.2	72.2	69.7	73.4	17.3	24.7	30.7	33.9	4.35	14.3
232	TCU115	36.95	23.96	120.47	76.0	115.0	94.0	76.4	115.4	94.7	115.9	24.1	38.3	53.1	54.9	4.80	22.9
233	TCU116	23.97	23.86	120.58	119.0	133.0	185.0	119.0	132.9	185.5	186.6	34.6	50.9	39.3	52.0	5.21	33.5
234	TCU117	47.22	24.13	120.46	90.0	113.0	121.0	90.0	113.5	121.4	136.7	20.8	58.1	58.1	64.5	5.05	31.3
235	TCU118	43.00	24.00	120.42	100.0	92.0	116.0	98.9	92.3	115.7	120.5	56.9	40.1	31.7	40.4	4.69	17.7
236	TCU119	51.80	23.92	120.31	60.0	53.0	63.0	60.3	52.6	62.8	66.1	15.7	19.1	24.9	25.6	4.23	12.8
237	TCU120	24.62	23.98	120.61	167.0	194.0	223.0	166.6	193.6	223.2	252.7	35.2	34.8	62.1	62.8	5.35	43.4
238	TCU122	21.59	23.81	120.61	236.0	256.0	207.0	236.2	255.8	207.6	257.6	42.2	43.5	45.7	49.4	5.26	36.8
239	TCU123	32.89	24.02	120.54	86.0	132.0	149.0	85.7	132.1	149.3	154.7	26.0	37.0	52.5	54.0	5.27	41.6
240	TCU128	62.02	24.42	120.76	90.0	163.0	141.0	90.5	163.2	141.2	194.6	44.0	57.5	62.2	74.4	5.12	26.5
241	TCU129	13.54	23.88	120.68	335.0	611.0	983.0	335.2	610.6	982.9	999.2	37.8	55.2	68.0	78.1	5.98	64.0
242	TCU147	119.41	24.86	121.26	55.0	131.0	112.0	54.6	131.5	111.6	140.8	18.3	23.1	31.8	31.8	4.95	23.6
243	TTN005	126.45	22.76	121.14	13.0	24.0	27.0	13.2	24.1	26.7	26.8	4.6	7.5	9.0	9.4	3.62	5.6
244	TTN006	124.79	22.77	121.14	14.0	19.0	27.0	14.2	19.2	27.2	29.1	5.8	5.4	8.3	8.9	3.60	5.6
245	TTN007	125.71	22.76	121.14	13.0	24.0	18.0	13.2	24.3	18.0	24.6	5.5	6.3	8.5	10.3	3.62	6.0
246	TTN008	126.37	22.76	121.15	17.0	24.0	30.0	17.1	23.8	30.5	32.5	5.8	7.1	11.5	12.5	3.91	8.1
247	TTN009	127.17	22.75	121.13	14.0	30.0	33.0	13.6	29.6	32.9	33.9	5.4	9.1	13.0	13.4	3.89	8.3
248	TTN010	127.53	22.74	121.11	11.0	29.0	20.0	11.2	28.8	19.8	30.0	3.5	13.5	8.5	14.8	3.63	6.0
249	TTN012	125.25	22.77	121.13	14.0	21.0	26.0	13.7	20.9	25.9	26.3	5.0	4.4	7.4	7.9	3.59	5.4
250	TTN013	124.93	22.77	121.13	8.0	16.0	16.0	7.6	16.5	16.3	21.2	3.7	4.6	6.9	7.5	3.40	4.7

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A900)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
251	TTN014	101.12	23.10	121.37	25.0	44.0	49.0	25.3	43.7	49.2	55.8	6.4	6.9	7.5	9.3	4.13	9.2
252	TTN015	126.92	22.75	121.15	14.0	31.0	25.0	14.1	30.7	25.4	32.0	5.7	7.3	9.5	10.7	3.81	7.6
253	TTN016	166.43	22.36	120.90	6.0	10.0	7.0	6.1	9.8	7.3	11.0	2.4	2.7	3.7	3.7	2.72	2.0
254	TTN018	117.88	22.82	121.07	14.0	22.0	35.0	13.9	22.1	34.5	34.6	3.5	4.5	4.2	4.8	3.48	4.3
255	TTN020	90.32	23.13	121.21	22.0	30.0	35.0	22.4	29.7	34.5	35.9	5.6	10.2	9.2	13.3	3.82	6.5
256	TTN022	93.43	23.10	121.21	48.0	74.0	56.0	47.7	73.8	55.6	88.0	7.7	10.9	9.5	12.0	4.44	12.2
257	TTN023	95.74	23.05	121.16	27.0	66.0	44.0	26.8	65.7	43.7	66.1	10.7	13.0	8.6	13.0	4.45	15.5
258	TTN024	102.64	22.97	121.11	23.0	26.0	29.0	22.9	25.7	29.3	29.4	3.3	3.4	3.3	3.9	3.38	3.3
259	TTN025	108.95	22.90	121.26	24.0	49.0	34.0	23.6	48.6	33.8	50.9	3.4	4.2	3.7	4.3	3.70	4.6
260	TTN026	113.60	22.86	121.08	14.0	38.0	26.0	13.7	38.3	26.2	38.9	3.8	4.2	4.6	4.8	3.62	4.1
261	TTN027	119.57	22.81	121.09	16.0	36.0	28.0	16.1	36.5	28.2	39.2	4.2	6.8	7.0	7.6	3.73	5.9
262	TTN028	122.17	22.78	121.06	15.0	16.0	19.0	14.5	15.8	18.9	20.0	2.7	2.9	4.6	4.6	3.16	2.8
263	TTN031	86.06	23.36	121.46	44.0	84.0	75.0	44.5	83.8	74.8	87.8	14.1	15.6	15.3	17.8	4.52	18.2
264	TTN032	90.72	23.25	121.41	29.0	76.0	55.0	29.0	75.9	55.2	83.0	8.5	11.8	11.3	14.7	4.58	17.3
265	TTN033	94.04	23.19	121.39	19.0	39.0	30.0	19.2	39.4	30.0	39.9	6.9	6.8	5.6	6.9	3.84	8.6
266	TTN036	123.48	22.80	121.19	17.0	29.0	25.0	17.5	28.8	25.4	28.8	8.3	7.5	7.2	9.9	3.69	6.1
267	TTN051	76.98	23.19	121.02	21.0	33.0	28.0	20.7	32.7	28.3	39.2	6.3	4.8	5.4	6.5	3.46	3.8
(Accelerograph type: A800)																	
1	ALS	38.57	23.51	120.81	86.0	146.0	213.0	86.1	145.7	213.3	247.0	14.1	27.5	34.8	37.2	5.21	33.3
2	CHK	101.12	23.10	121.37	22.0	42.0	44.0	21.8	42.2	43.4	48.7	5.5	7.1	6.3	8.5	4.01	8.2
3	CHY109	73.27	23.25	120.53	27.0	38.0	48.0	27.4	38.4	47.9	51.2	6.2	10.2	16.3	16.4	4.02	7.7
4	CHY110	73.27	23.25	120.53	20.0	28.0	21.0	19.5	28.4	20.9	29.9	6.6	6.6	5.3	6.6	3.57	4.6
5	ENA	113.22	24.43	121.74	54.0	65.0	64.0	53.8	65.0	63.9	74.8	8.4	8.3	6.9	8.4	4.08	7.2
6	ESL	63.08	23.81	121.43	56.0	72.0	67.0	56.6	72.4	66.3	78.9	7.3	13.5	7.7	14.4	4.34	11.5

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: A800)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
7	HEN	205.35	22.01	120.74	9.0	25.0	22.0	9.2	24.5	21.9	24.7	3.5	15.7	13.3	16.7	3.65	6.3
8	HSN	105.68	24.80	120.97	27.0	80.0	54.0	26.8	80.2	54.2	82.7	20.0	23.5	21.8	24.6	4.51	16.1
9	HWA	81.44	23.98	121.61	43.0	108.0	119.0	42.9	107.9	119.4	154.0	6.6	20.0	16.0	22.0	4.81	26.9
10	ILA027	132.70	24.69	121.76	22.0	67.0	103.0	21.8	67.0	103.4	107.5	7.7	15.8	16.3	19.3	4.58	17.1
11	ILA032	133.16	24.62	121.83	25.0	52.0	56.0	25.5	52.0	56.2	58.9	8.4	11.2	10.8	12.3	4.33	11.5
12	ILA035	143.55	24.82	121.76	12.0	45.0	66.0	12.3	45.8	65.9	66.9	4.0	17.1	16.3	20.4	4.43	13.9
13	ILA039	136.10	24.76	121.72	20.0	55.0	57.0	20.0	55.4	57.0	57.1	5.3	24.8	16.9	25.9	4.40	14.0
14	ILA043	126.51	24.63	121.73	37.0	46.0	60.0	37.1	46.6	60.1	69.1	5.5	7.9	11.8	11.9	4.10	8.5
15	NCU	128.74	24.97	121.19	35.0	99.0	80.0	35.0	99.0	79.7	99.1	10.7	22.6	22.0	23.8	4.58	14.4
16	NSK	105.95	24.68	121.36	40.0	54.0	68.0	40.1	53.9	68.3	75.9	7.1	6.4	7.4	9.1	4.15	9.2
17	NST	87.62	24.63	121.00	122.0	391.0	305.0	122.2	391.5	305.8	436.4	21.5	37.4	22.9	41.4	5.23	25.6
18	NSY	62.02	24.42	120.76	85.0	116.0	119.0	84.7	115.6	119.4	145.6	28.6	36.8	67.2	70.9	4.91	22.0
19	PNG	132.50	23.57	119.56	15.0	33.0	30.0	14.7	33.2	29.5	33.5	4.3	3.3	3.7	3.9	3.17	2.9
20	SGL	129.83	22.73	120.49	9.0	30.0	35.0	8.9	29.9	34.7	41.8	4.5	9.9	12.5	14.0	3.88	7.9
21	SSD	124.62	22.75	120.63	16.0	24.0	19.0	16.4	24.7	18.5	26.9	2.8	3.1	3.7	4.3	3.04	2.3
22	STY	77.31	23.16	120.76	20.0	39.0	37.0	20.0	39.4	36.7	40.0	4.9	6.3	8.9	9.1	3.66	5.4
23	TAI1	108.68	23.04	120.23	21.0	45.0	88.0	20.4	44.3	88.1	88.4	6.7	11.3	14.3	14.4	4.24	12.2
24	TAP	149.13	25.04	121.52	14.0	42.0	59.0	14.1	41.8	59.3	59.6	3.2	18.1	15.2	23.6	4.20	11.3
25	TAW	166.43	22.36	120.90	4.0	6.0	6.0	3.7	5.5	5.5	6.5	1.1	1.1	2.0	2.0	2.31	1.2
26	TCU	35.01	24.15	120.68	119.0	187.0	201.0	118.5	187.4	201.2	253.7	32.3	33.2	41.2	43.4	5.31	35.4
27	TTN	126.92	22.75	121.15	14.0	29.0	29.0	14.5	28.7	29.6	32.7	6.2	15.3	17.5	22.1	3.79	7.0
28	WGK	32.11	23.69	120.56	176.0	446.0	338.0	175.8	446.3	338.5	511.4	26.8	102.7	60.3	103.4	5.62	68.7
29	WNT	13.54	23.88	120.68	311.0	602.0	921.0	311.2	602.6	921.3	933.8	31.5	31.9	56.9	58.2	5.91	56.3
30	WSF	65.27	23.64	120.22	32.0	67.0	65.0	32.2	67.2	64.8	82.6	7.4	14.2	20.0	20.1	4.23	9.2
31	WTC	54.42	23.86	120.28	51.0	48.0	53.0	51.2	48.6	52.8	53.7	9.8	15.2	17.8	19.9	3.99	8.7

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: IDS)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
1	CHY002	43.80	23.72	120.41	96.0	135.0	108.0	96.1	134.7	108.2	134.8	17.9	58.0	43.7	59.0	4.86	27.3
2	CHY004	71.24	23.60	120.17	39.0	93.0	95.0	39.2	93.5	94.7	101.0	6.0	14.9	21.6	23.2	4.42	12.0
3	CHY006	40.71	23.58	120.55	211.0	351.0	348.0	211.1	351.8	348.3	383.3	22.0	44.3	59.1	59.7	5.80	63.0
4	CHY008	69.35	23.49	120.27	72.0	117.0	126.0	72.4	117.4	126.2	130.0	11.6	22.9	32.4	34.1	4.74	22.6
5	CHY010	51.59	23.47	120.54	139.0	171.0	221.0	139.0	170.9	221.4	248.0	10.4	24.1	19.0	24.2	5.10	24.1
6	CHY012	89.24	23.33	120.15	29.0	61.0	52.0	29.0	61.4	51.8	65.5	8.8	15.3	12.9	15.5	4.20	11.7
7	CHY014	66.58	23.30	120.58	98.0	255.0	224.0	97.9	254.9	224.1	258.7	11.5	23.2	24.1	25.3	5.42	27.9
8	CHY015	69.72	23.36	120.41	33.0	149.0	141.0	33.0	149.5	140.8	170.4	7.2	24.5	24.0	29.1	5.13	28.2
9	CHY016	97.67	23.22	120.15	45.0	105.0	97.0	45.0	104.9	97.3	113.4	9.6	16.2	13.9	16.6	4.56	16.9
10	CHY017	90.59	23.21	120.27	30.0	54.0	51.0	29.5	54.1	51.2	61.9	6.1	17.4	16.9	20.3	4.23	11.4
11	CHY019	82.70	23.18	120.48	23.0	64.0	50.0	22.7	64.4	50.5	69.0	4.2	5.7	5.8	7.3	3.98	6.5
12	CHY022	96.96	23.05	120.46	23.0	44.0	64.0	23.0	44.0	63.7	65.8	4.5	5.3	7.0	7.1	3.94	5.9
13	CHY023	112.93	22.97	120.28	18.0	58.0	46.0	17.8	58.0	46.3	61.1	5.4	8.5	7.8	10.7	4.19	9.6
14	CHY034	46.45	23.52	120.54	91.0	294.0	243.0	91.1	293.8	243.6	323.3	16.3	43.8	36.1	50.7	5.64	56.3
15	CHY047	55.08	23.49	120.45	84.0	178.0	165.0	83.6	177.9	165.5	208.8	14.9	26.7	23.2	30.3	4.99	26.5
16	CHY052	70.85	23.29	120.50	40.0	151.0	84.0	39.8	150.9	83.9	153.4	7.0	14.4	10.9	14.7	4.62	14.8
17	CHY055	85.68	23.27	120.27	40.0	88.0	97.0	39.7	88.1	96.9	105.4	7.1	25.6	17.5	25.9	4.60	15.7
18	CHY066	121.00	22.92	120.21	19.0	39.0	54.0	19.3	38.6	53.9	54.0	7.3	11.0	11.1	12.7	4.27	10.8
19	CHY067	114.97	23.00	120.18	21.0	57.0	57.0	20.8	57.2	57.4	63.8	5.6	11.8	9.1	14.6	4.18	12.1
20	CHY092	35.15	23.79	120.48	112.0	83.0	102.0	111.5	82.7	101.5	101.6	28.3	36.8	55.2	60.0	4.80	23.0
21	CHY093	71.78	23.65	120.15	36.0	64.0	53.0	35.8	64.6	52.8	72.3	6.0	14.0	20.3	20.8	4.13	10.0
22	CHY094	50.79	23.79	120.32	41.0	53.0	64.0	40.7	53.2	63.9	64.9	14.1	19.2	24.5	25.4	4.23	10.3
23	CHY096	113.83	22.98	120.23	14.0	43.0	31.0	14.5	43.5	31.4	45.6	5.7	12.0	9.7	12.9	4.00	9.2
24	CHY099	96.80	23.14	120.28	27.0	51.0	61.0	27.0	51.1	60.8	61.3	7.8	18.5	14.3	18.6	4.24	10.9
25	CHY100	85.00	23.23	120.34	28.0	60.0	66.0	28.4	60.2	66.3	73.2	5.9	17.1	11.3	17.5	4.30	11.3

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: IDS)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
26	CHY104	41.33	23.67	120.47	130.0	177.0	143.0	129.7	177.1	143.1	184.8	31.8	53.0	53.0	66.4	5.24	34.5
27	CHY107	81.89	23.30	120.29	40.0	92.0	101.0	40.3	91.9	100.9	114.8	8.9	17.9	20.0	22.2	4.58	15.9
28	CHY116	112.66	23.08	120.11	19.0	51.0	63.0	18.9	50.9	62.7	63.3	7.5	20.6	15.3	22.0	4.18	9.3
29	HWA002	76.53	23.60	121.51	32.0	89.0	50.0	32.3	89.2	50.7	91.7	7.0	11.7	8.1	12.0	4.18	9.4
30	HWA003	81.38	23.48	121.50	52.0	135.0	49.0	51.6	135.1	48.4	136.2	8.6	20.3	10.3	21.2	5.00	23.5
31	HWA005	64.81	23.66	121.41	50.0	132.0	144.0	50.1	132.2	143.6	155.6	7.9	16.9	12.5	19.4	4.84	21.9
32	HWA006	64.68	23.67	121.42	61.0	86.0	91.0	61.5	85.5	90.6	107.4	7.8	9.8	9.4	12.0	4.29	9.2
33	HWA045	106.55	24.31	121.74	71.0	186.0	123.0	70.9	186.0	122.7	190.6	9.4	32.5	16.9	34.2	5.22	35.7
34	HWA046	88.08	24.15	121.62	48.0	84.0	74.0	48.1	83.9	74.0	98.9	7.8	10.2	10.5	14.2	4.40	11.1
35	HWA048	78.85	24.01	121.57	53.0	166.0	122.0	52.7	166.3	122.2	169.9	10.8	23.0	20.1	23.8	4.88	28.4
36	HWA049	76.98	24.00	121.56	37.0	84.0	98.0	37.3	84.3	97.7	104.8	8.1	22.4	19.1	24.6	4.77	22.7
37	HWA050	79.65	23.99	121.58	53.0	92.0	90.0	53.2	91.7	90.2	100.4	9.3	10.3	14.6	14.7	4.52	12.5
38	HWA051	74.56	23.87	121.55	50.0	149.0	165.0	50.2	149.4	165.3	176.9	11.8	21.3	22.3	23.7	5.05	24.1
39	HWA053	71.19	23.41	121.31	23.0	27.0	0.0	23.4	27.2	0.3	27.2	5.0	2.7	0.1	2.7	3.18	2.3
40	HWA054	71.41	23.43	121.34	0.0	50.0	16.0	0.3	49.6	15.5	50.6	0.3	10.4	3.8	10.6	3.90	8.2
41	HWA055	79.36	23.32	121.33	61.0	85.0	87.0	60.6	84.8	87.0	98.8	8.7	14.5	19.4	19.9	4.74	19.8
42	ILA001	153.58	24.88	121.84	11.0	25.0	23.0	11.1	24.6	22.9	29.4	6.2	6.3	7.9	7.9	3.64	5.0
43	ILA002	147.85	24.85	121.80	22.0	70.0	48.0	22.1	69.8	47.7	72.0	6.1	11.8	10.1	14.0	4.41	12.3
44	ILA003	142.97	24.80	121.78	18.0	71.0	57.0	18.4	71.1	57.2	72.2	7.8	18.6	19.6	19.9	4.41	14.0
45	ILA004	138.90	24.75	121.78	25.0	63.0	72.0	25.4	62.8	72.0	80.9	10.5	29.5	31.3	33.9	4.52	18.7
46	ILA005	136.86	24.70	121.80	25.0	79.0	69.0	25.3	78.8	69.3	97.8	11.8	16.1	19.9	21.1	4.44	14.0
47	ILA006	134.26	24.64	121.83	37.0	69.0	77.0	37.1	68.5	77.2	102.5	10.6	14.7	14.1	15.0	4.56	16.3
48	ILA007	132.59	24.59	121.85	36.0	85.0	60.0	35.7	84.9	60.5	87.0	8.3	13.9	10.3	14.0	4.48	12.2
49	ILA008	134.61	24.71	121.76	33.0	57.0	77.0	33.4	56.5	77.5	78.9	10.1	15.7	19.5	19.5	4.55	17.7
50	ILA010	129.71	24.63	121.78	23.0	40.0	58.0	23.0	39.9	58.5	62.0	6.7	7.5	8.1	9.0	4.01	6.3

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: IDS)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
51	ILA012	138.28	24.78	121.73	27.0	61.0	81.0	26.7	60.8	80.9	92.0	10.0	20.2	16.9	20.2	4.57	19.1
52	ILA013	134.23	24.73	121.73	40.0	147.0	134.0	39.7	146.6	134.3	150.5	12.2	20.7	28.7	28.9	5.07	28.0
53	ILA014	130.38	24.69	121.72	28.0	62.0	60.0	27.6	61.7	60.0	70.8	10.0	12.8	11.9	14.2	4.53	15.0
54	ILA015	135.41	24.78	121.69	18.0	48.0	36.0	18.3	47.8	36.1	51.2	7.3	10.8	6.5	10.9	4.01	7.4
55	ILA016	132.29	24.75	121.68	37.0	71.0	79.0	37.0	71.0	78.7	81.0	7.8	13.0	16.4	18.5	4.62	19.0
56	ILA021	126.66	24.71	121.64	27.0	69.0	60.0	26.7	68.9	59.9	73.6	11.4	10.1	13.9	13.9	4.39	12.4
57	ILA024	117.24	24.64	121.59	26.0	33.0	41.0	25.7	33.0	41.3	44.1	9.7	7.9	7.0	8.5	3.85	6.6
58	ILA041	137.88	24.72	121.79	23.0	62.0	100.0	22.7	62.0	99.6	100.3	11.3	21.6	29.8	29.8	4.80	23.4
59	ILA044	130.03	24.66	121.76	29.0	70.0	81.0	29.3	69.7	80.2	84.2	9.7	17.8	38.7	41.0	4.72	22.1
60	ILA048	138.92	24.77	121.76	30.0	75.0	89.0	29.6	75.1	88.6	100.9	10.4	25.3	21.5	28.2	4.84	23.7
61	ILA054	166.51	24.97	121.92	11.0	30.0	19.0	11.3	29.6	19.3	30.1	5.0	6.5	6.1	6.8	3.59	5.4
62	ILA055	140.14	24.74	121.81	25.0	68.0	75.0	25.3	68.3	74.7	84.0	13.4	23.6	29.7	35.2	4.54	17.1
63	ILA056	141.93	24.76	121.81	23.0	65.0	69.0	22.6	64.6	69.3	69.3	10.1	30.5	33.5	40.2	4.43	17.2
64	ILA059	135.71	24.67	121.82	30.0	70.0	62.0	29.9	70.0	61.8	70.0	9.5	14.0	16.6	16.6	4.27	13.4
65	ILA061	126.23	24.52	121.83	25.0	49.0	52.0	25.5	49.0	52.3	52.3	7.1	9.9	7.6	9.9	4.18	10.3
66	ILA062	120.07	24.47	121.79	47.0	72.0	81.0	46.6	71.9	80.9	91.3	8.5	12.0	10.9	12.9	4.39	10.7
67	ILA063	110.03	24.62	121.52	32.0	93.0	81.0	32.2	92.7	80.8	122.8	7.3	9.4	10.5	10.9	3.98	8.2
68	ILA064	119.48	24.48	121.78	46.0	71.0	62.0	45.8	71.6	62.4	72.4	11.1	11.7	8.8	12.8	4.21	9.5
69	ILA066	116.92	24.45	121.77	54.0	74.0	95.0	53.5	74.4	95.3	95.3	12.0	12.0	11.5	12.6	4.45	10.8
70	KAU001	79.29	23.16	120.64	40.0	22.0	43.0	40.2	21.8	42.6	42.6	7.7	6.5	6.2	6.6	3.73	5.2
71	KAU003	147.64	22.63	120.26	10.0	18.0	20.0	9.8	18.3	19.6	22.4	5.6	6.3	6.2	6.9	3.25	3.6
72	KAU085	118.97	22.89	120.32	23.0	52.0	50.0	23.2	51.9	49.7	53.8	8.0	13.7	9.0	14.5	4.24	11.3
73	KAU086	129.25	22.79	120.30	16.0	44.0	40.0	15.6	44.1	40.4	44.1	6.3	19.2	11.0	19.3	4.11	10.0
74	KAU087	147.27	22.61	120.31	14.0	31.0	28.0	13.7	29.7	28.1	32.3	7.6	11.2	9.7	11.6	3.91	8.5
75	KAU088	143.91	22.65	120.31	14.0	29.0	24.0	11.6	29.0	24.2	29.1	7.9	8.7	8.5	9.4	3.65	6.0

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: IDS)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
76	TAP072	151.40	24.99	121.65	18.0	50.0	28.0	18.3	49.8	28.3	50.1	8.3	9.9	8.5	11.8	4.05	7.4
77	TAP075	159.26	25.03	121.73	24.0	49.0	81.0	23.9	49.3	81.2	81.3	5.9	8.8	10.4	12.2	4.15	10.1
78	TAP077	169.40	25.06	121.84	25.0	33.0	30.0	24.7	33.2	29.6	36.4	5.8	6.2	12.0	13.0	3.87	6.9
79	TAP078	170.82	25.06	121.87	18.0	39.0	42.0	18.0	38.8	42.5	49.9	6.0	8.9	7.6	11.2	4.04	8.1
80	TAP079	169.96	25.02	121.91	16.0	21.0	26.0	15.8	21.3	25.8	26.3	4.8	6.4	5.9	6.4	3.61	5.2
81	TAP081	174.54	25.02	121.98	12.0	21.0	30.0	11.6	21.5	30.3	30.4	6.6	4.9	7.4	7.8	3.61	4.8
82	TAP083	169.63	25.26	121.49	18.0	61.0	36.0	18.1	61.1	36.5	61.2	7.2	15.9	14.3	15.9	4.28	12.2
83	TAP084	172.40	25.23	121.63	12.0	32.0	34.0	12.3	32.5	34.5	39.4	5.0	5.5	6.4	7.4	3.87	7.2
84	TAP097	147.71	25.02	121.53	23.0	81.0	72.0	22.7	81.2	71.7	83.4	8.6	18.5	14.1	20.4	4.63	19.5
85	TCU136	47.54	24.26	120.65	112.0	171.0	167.0	111.7	170.9	167.0	206.0	33.8	52.6	44.1	63.3	5.29	40.0
86	TCU138	23.54	23.92	120.60	110.0	207.0	202.0	110.4	207.6	202.2	214.7	26.3	39.6	33.8	39.6	5.35	42.3
87	TCU140	47.74	23.96	120.36	68.0	53.0	71.0	67.8	53.4	70.7	71.3	19.4	22.0	24.7	25.2	4.42	14.7
88	TCU141	35.91	23.83	120.46	107.0	89.0	87.0	107.3	88.6	86.5	93.3	25.1	28.8	45.0	46.0	4.75	20.3
89	TCU145	49.59	23.94	120.34	52.0	60.0	70.0	52.2	60.5	69.7	74.7	19.3	28.4	30.9	31.2	4.44	13.1
90	TTN001	87.71	23.32	121.44	39.0	61.0	94.0	39.0	60.9	94.4	95.6	9.5	9.4	14.5	14.6	4.41	15.7
91	TTN002	109.60	22.97	121.30	16.0	25.0	26.0	15.8	25.3	25.6	30.8	5.6	4.7	6.1	6.3	3.57	4.8
92	TTN003	138.95	22.61	121.00	12.0	19.0	22.0	12.1	18.9	22.2	24.8	2.8	3.1	3.7	3.9	3.24	3.4
93	TTN004	109.78	22.91	121.13	27.0	43.0	39.0	26.6	42.8	38.6	52.9	4.4	7.8	6.9	8.3	4.05	8.7
94	TTN040	87.51	23.15	121.20	21.0	31.0	31.0	21.1	31.0	30.8	31.1	4.9	5.7	7.8	8.8	3.31	3.1
95	TTN041	85.96	23.13	121.12	39.0	64.0	79.0	38.8	64.3	79.2	79.8	4.6	6.6	7.0	7.1	4.13	7.1
96	TTN042	106.07	23.00	121.28	20.0	56.0	58.0	19.6	56.4	57.5	57.8	6.0	6.7	5.4	7.4	3.91	6.8
97	TTN044	100.87	23.01	121.17	32.0	55.0	49.0	32.1	55.0	49.3	59.1	6.0	11.4	10.3	11.4	4.22	10.8
98	TTN045	103.51	22.98	121.15	16.0	33.0	39.0	16.5	33.1	39.2	40.5	5.8	13.2	11.1	14.2	3.98	8.3
99	TTN046	107.76	22.96	121.23	19.0	65.0	112.0	19.5	65.2	111.7	128.8	5.4	7.5	9.9	11.7	4.60	13.6
100	TTN047	117.34	22.84	121.13	1.0	25.0	25.0	0.8	25.5	25.1	28.0	0.5	5.5	5.2	6.8	3.65	6.4

Table A.1 Strong ground motion indices for the 1999 Chi-Chi, Taiwan earthquake (Continued)

(Accelerograph type: IDS)					Original PGA (cm/s/s)			Baseline corrected PGA (cm/s/s)				PGV (cm/s)				JMA Instrumental Intensity	Spectral Intensity SI (cm/s)
No.	St_Code	Latitude	Longitude	Ep_Dis(km)	UD	NS	EW	UD	NS	EW	Resultant	UD	NS	EW	Resultant		
101	TTN048	121.61	22.79	121.08	18.0	24.0	24.0	18.1	24.3	23.7	26.7	3.0	7.1	7.1	7.3	3.59	6.2
102	TTN050	132.97	22.67	121.03	10.0	22.0	26.0	9.7	22.3	26.2	28.5	2.5	4.5	4.1	4.5	3.38	3.3
(Accelerograph type: ETNA)																	
1	TAP003	151.44	25.09	121.45	43.0	106.0	127.0	43.3	105.8	127.4	105.8	11.7	30.7	30.4	35.8	5.11	27.5
2	TAP005	156.11	25.11	121.52	24.0	81.0	127.0	23.7	81.6	127.0	82.0	6.8	19.8	34.1	36.9	5.04	21.1
3	TAP006	155.05	25.09	121.52	31.0	68.0	99.0	31.2	68.3	99.1	69.9	6.9	14.1	21.7	22.3	4.61	15.9
4	TAP007	153.13	25.07	121.52	29.0	71.0	105.0	29.0	71.6	104.8	72.2	7.9	16.6	20.2	20.7	4.88	14.9
5	TAP008	154.05	25.07	121.54	18.0	60.0	73.0	18.2	59.5	73.5	59.6	6.0	17.3	20.7	22.1	4.55	14.3
6	TAP010	150.51	25.06	121.48	27.0	86.0	115.0	27.1	86.0	115.0	86.1	10.1	26.9	27.4	27.6	4.94	24.1
7	TAP012	151.14	25.06	121.51	28.0	54.0	96.0	28.4	53.8	96.6	53.9	6.3	15.6	19.5	19.9	4.55	13.0
8	TAP013	152.13	25.06	121.53	24.0	75.0	87.0	23.9	75.2	86.6	75.5	7.6	16.1	22.1	22.4	4.62	15.2
9	TAP014	153.13	25.06	121.55	28.0	69.0	107.0	28.4	69.1	107.0	71.6	7.7	17.0	28.6	28.9	4.76	17.7
10	TAP017	148.09	25.05	121.45	34.0	97.0	111.0	33.9	97.2	110.8	97.4	11.5	29.5	24.0	30.1	4.92	26.6
11	TAP020	150.35	25.04	121.53	32.0	66.0	60.0	32.4	66.2	59.7	66.7	7.4	14.1	22.2	22.2	4.48	14.8
12	TAP021	151.10	25.04	121.55	36.0	99.0	98.0	36.2	99.3	98.3	99.3	7.4	17.8	33.5	34.9	4.81	19.4
13	TAP024	145.63	25.02	121.48	23.0	76.0	62.0	23.4	76.1	61.6	76.1	7.8	19.7	17.3	22.1	4.62	15.0
14	TAP026	147.08	25.01	121.51	49.0	69.0	77.0	48.7	69.4	76.9	69.4	7.9	13.9	15.1	17.6	4.60	14.1
15	TAP028	146.19	25.01	121.51	15.0	48.0	51.0	15.1	48.5	51.4	48.5	7.1	12.9	13.1	13.5	4.36	12.8
16	TAP090	155.83	25.06	121.60	29.0	88.0	136.0	28.9	87.9	136.0	91.1	7.2	19.8	32.9	33.2	4.95	17.8
17	TAP094	158.07	25.14	121.48	29.0	83.0	63.0	28.6	83.0	63.2	84.0	9.2	16.9	15.9	22.0	4.60	18.4
18	TAP095	158.23	25.13	121.50	47.0	91.0	138.0	46.8	91.7	138.4	92.0	7.2	18.4	30.5	30.9	5.00	18.0
19	TAP098	157.30	25.10	121.55	26.0	55.0	62.0	26.3	54.6	62.1	54.7	5.3	8.8	13.6	13.7	4.23	7.4
20	TAP100	149.39	25.03	121.52	23.0	85.0	56.0	23.4	85.1	56.0	85.2	7.8	13.7	15.8	18.6	4.67	16.8

Notes: St_Code : station code; Ep. Dis.: epicentral distance