

土 木 研 究 所 彙 報

TECHNICAL NOTE OF THE PUBLIC WORKS RESEARCH INSTITUTE

Vol. 35

土木構造物における加速度強震記録 (No. 4)

Strong-Motion Acceleration Records
from Public Works in Japan (No. 4)

March 1980

建 設 省 土 木 研 究 所

Published by

The Public Works Research Institute, Ministry of Construction

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土木研究所彙報第35号
土木構造物における加速度強震記録 (No. 4)

昭和55年3月

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建設省の土木施設に対する強震観測は、近畿地方建設局が昭和33年に猿谷ダムで観測を開始したのに端を発している。以来、土木研究所では、土木構造物の強震観測を一貫して推進してきた。強震観測網により得られた強震記録は、従来、原波形、ディジタル数値および応答スペクトル曲線をそれぞれ別個に印刷公表してきた。

本彙報は、これらの成果を総合し、土木研究所が管理する全ての記録につき、当初の記録から地震発生年月日の順に、強震記録を再掲する新しいシリーズの第4巻である。このシリーズは、ディジタル数値、ディジタル記録の再生波形および応答スペクトル曲線等を網羅している。

本報告書が、先に公開した資料と合わせて、構造物の耐震設計の向上のために活用されれば幸いである。

TECHNICAL NOTE OF THE PUBLIC
WORKS RESEARCH INSTITUTE
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Strong-Motion Acceleration Records
from Public Works in Japan (No.4)

March 1980

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This is the fourth one of a series of reports presenting earthquake acceleration motions measured on structures (except building or port structures) and on grounds near the structures in Japan. This issue contains 75 components of earthquake motions measured between October 1968 and December 1969, together with digitized values and linear response spectra of the records. English explanation for foreign readers is described in Appendix 5 on page 219.

目 次

1. 概 説	1
2. 掲載地震動記録	2
3. 地震の諸元	6
4. 強震計の作動状況	9
5. 地震動の加速度記録	34
6. 応答スペクトル	60
7. 地震記録のデジタル数値	86
参 考 文 献	199
付録－1. 強震観測網の現状	200
付録－2. 強震計の特性	206
付録－3. 記録の補正	217
付録－4. 応答スペクトルの計算法	218
付録－5. 英文解説 (English Description)	219

1. 概 説

建設省の土木関連施設における強震観測は、昭和32年度に近畿地方建設局が猿谷ダムにSMAC型強震計を設置し観測を開始したことに端を発している。それ以来、土木研究所では土木構造物およびその近傍の地盤の強震観測を推進し、地方建設局、関係公団、地方庁などの諸機関による強震観測とも合わせて、記録の収集、整理にあたり、主要な記録は逐次公刊するとともに、特に重要な記録については数値化を行ない現在までに多数の資料を刊行してきた。現在までに得られた強震記録は各種の調査、研究に広く利用され、土木構造物の耐震性の調査ならびに耐震設計に活用されている。

現在までに刊行された資料の多くは、強震観測体系と検索システムを徐々に整備するとともに、記録の利用法を模索するなかで個々の強震記録の利用を図るという点に力点が置かれていたため、ややもすると統一した利用性を欠くきらいがあった。しかしながら、その後の強震観測体勢の整備および採取された強震記録の解析によってもたらされた地震動と地震の規模あるいは地震動と地盤条件等の因果関係が少しずつ解明されるとともに、耐震設計の中で強震記録の一層の利用を促進するためには、単に個々の地震動の記録のみならず、それが採取された地震の特性、同時に観測された他地点の記録等との関連をつけながら、より総合的に記録の利用を図る必要のあることが指摘されてきた。本資料はこのような強震記録の収集整理を土木研究所が現在推し進めている地震動記録の総合検索システムの一環として位置づけ、装を新たにまとめ直した第4巻めの資料である。本資料には、1968年10月から1969年12月までの75成分の強震記録が収録されており、これに続く記録および関連する資料も逐次刊行していく予定である。

現在までに本シリーズとして次の3冊が刊行されている。

- 1) 土木構造物の加速度強震記録 (No. 1) : 1966年1月～1967年9月の記録を収録、土木研究所彙報第32号、1978年3月。
- 2) 土木構造物の加速度強震記録 (No. 2) : 1978年1月～1978年12月の記録を収録、土木研究所彙報第33号、1978年10月。
- 3) 土木構造物の加速度強震記録 (No. 3) : 1967年9月～1968年10月の記録を収録、土木研究所彙報第34号、1978年10月。

本資料に収録された地震動記録は、多忙な業務の合間を縫い観測に協力された諸機関の観測担当者の努力の成果である。ここに観測に携わった方々の地道な努力に敬意を表するとともに、本資料が広く利用され、耐震設計の合理化に資することを望むものである。

2. 掲載地震動記録

本資料に収録した地震動記録の一覧をTable 1に示す。Table 1には記録が採取された地震および強震計の設置位置が併記されており、それぞれ後述するTable 2（地震の諸元）およびTable 3（地震計の作動状況）と対応するようになっている。

Table 1 の項目を順を追って説明すると以下のようになる。

Table 1 の項目	説 明
INDEX NO.	地震動の記録をデジタル化した整理番号（年代順）
RECORD NO.	地震動記録の採取された場所の整理番号であり、強震計の設置点の整理番号（STATION NO.）を示す数字、強震計の設置箇所（INSTRUMENT）を示すアルファベットの記号（GR, PI, AB, DA, A, B, C 等）および当該強震計で観測された何番目の記録であるかを示す数字（SEQUENCE NO.）より構成されている。 設置箇所（INSTRUMENT NO.）を示すアルファベットの記号は以下の通りである。 GR：地盤上の記録（Ground） PI：橋脚上の記録（Pier） AB：橋台上の記録（Abutment） DA：ダム本体の記録（Dam） ES：河口堰の記録（Estuary Dam）
NAME OF STRUCTURE	強震計が設置されている場所で、ダム等の名称をとって表示されている場合が多い。 強震計の感振方向は次のように表示されている。 N-S, E-W：南北方向，東西方向 LG., TR.：構造物の主軸方向，主軸に直交する方向 U-D：上下方向
MAXIMUM ACCELERATION (GAL)	地震動記録の最大加速度（単位はGal）
TIME (SEC)	最大加速度の生ずる時間（単位は秒）
DURATION TIME (SEC)	デジタル化した地震動記録の継続時間（単位は秒）

Table 1 の項目	説 明
EARTHQUAKE NO.	地震動記録が採取された地震の整理番号であり、地震の発生した年およびその年の地震発生順にふった番号より構成される。なお、E. Q. NO. が表示されていない記録はそれが採取された地震が整理されていないかもしくは、はっきり識別できないことを示す。
W. P.	地震動記録の波形を掲載している本資料のページ数を示す。
L. P.	地震動記録の応答スペクトル（絶対加速度応答スペクトル比）を掲載している本資料のページ数を示す。
D. P.	地震動記録のデジタル数値を掲載している本資料のページ数を示す。

Table 1-1. Index of Earthquake Records

INDEX NO.	RECORD NO.	STATION NAME OF STRUCTURE		MAX. ACCEL. (GAL) TIME (SEC)	DURATION TIME (SEC)	DATA NUMBER	E.Q. NO.
300	503-GR-11	KANNONZAKI	E-W	37.500 0.83	7.00	117	68090
301	503-GR-11	KANNONZAKI	U-D	-8.438 2.58	8.92	408	68090
302	503-GR-11	KANNONZAKI	N-S	-33.879 1.16	7.00	115	68090
303	902-GR-26	NISHIARAI BRIDGE	LG.	39.380 0.90	9.00	157	68090
304	902-GR-26	NISHIARAI BRIDGE	U-D	7.895 8.95	14.94	846	68090
305	902-GR-26	NISHIARAI BRIDGE	TR.	-51.999 1.57	9.00	174	68090
306	1108-GR-7	ICHINOHASHI B.	TR.	-55.879 1.00	11.00	152	68090
307	1108-GR-7	ICHINOHASHI B.	U-D	11.867 3.31	12.92	674	68090
308	1108-GR-7	ICHINOHASHI B.	LG.	55.250 0.80	11.00	153	68090
309	1304-GR-3	OTANOSHIKE B.	TR.	14.054 7.03	23.90	1061	69003
310	1304-GR-3	OTANOSHIKE B.	U-D	-3.365 15.09	24.00	528	69003
311	1304-GR-3	OTANOSHIKE B.	LG.	11.485 4.13	23.92	1086	69003
312	905-B-264	OCHIAI BRIDGE	LG.	156.098 0.67	7.93	427	69012
313	905-B-264	OCHIAI BRIDGE	U-D	-26.793 0.33	7.99	335	69012
314	905-B-264	OCHIAI BRIDGE	TR.	-37.171 0.59	7.99	430	69012
315	905-C-117	OCHIAI BRIDGE	E-W	-44.157 0.88	10.95	541	69012
316	905-C-117	OCHIAI BRIDGE	U-D	13.644 0.45	10.92	474	69012
317	905-C-117	OCHIAI BRIDGE	N-S	-56.924 1.03	10.98	545	69012
318	101-GR-11	SHINKATSUSHIKA B	TR.	13.835 3.19	22.90	774	69013
319	101-GR-11	SHINKATSUSHIKA B	U-D	3.997 5.11	22.99	580	69013
320	101-GR-11	SHINKATSUSHIKA B	LG.	-16.327 5.70	22.89	747	69013
321	104-GR-12	SHINTONEGAWA B.	TR.	-40.249 0.80	11.00	136	69013
322	104-GR-12	SHINTONEGAWA B.	U-D	-10.247 1.14	17.91	632	69013
323	104-GR-12	SHINTONEGAWA B.	LG.	-69.379 0.87	11.00	131	69013
324	106-GR-17	SOHKA BRIDGE	TR.	-13.783 1.26	28.88	937	69013
325	106-GR-17	SOHKA BRIDGE	U-D	-4.568 11.10	28.93	780	69013
326	106-GR-17	SOHKA BRIDGE	LG.	9.361 0.50	28.88	864	69013
327	309-GR-16	OTOME BRIDGE	LG.	12.447 6.00	12.91	515	69015
328	309-GR-16	OTOME BRIDGE	U-D	5.429 3.61	12.93	347	69015
329	309-GR-16	OTOME BRIDGE	TR.	13.317 6.64	12.95	511	69015
330	907-GR-31	TAIRA BRIDGE	TR.	-6.886 3.57	14.98	555	69023
331	907-GR-31	TAIRA BRIDGE	U-D	5.361 1.01	14.92	546	69023
332	907-GR-31	TAIRA BRIDGE	LG.	9.817 1.00	14.94	575	69023
333	907-GR-32	TAIRA BRIDGE	TR.	17.394 2.06	14.93	631	69024
334	907-GR-32	TAIRA BRIDGE	U-D	7.320 0.75	14.99	570	69024
335	907-GR-32	TAIRA BRIDGE	LG.	13.140 5.96	14.97	610	69024
336	907-GR-33	TAIRA BRIDGE	TR.	12.313 0.10	9.90	420	69026
337	907-GR-33	TAIRA BRIDGE	U-D	-7.847 0.87	9.98	350	69026
338	907-GR-33	TAIRA BRIDGE	LG.	-17.530 1.89	9.92	427	69026
339	204-GR-3	SHINYAWATA B.	TR.	41.630 6.53	23.00	371	69032
340	204-GR-3	SHINYAWATA B.	U-D	21.120 9.65	30.93	1354	69032
341	204-GR-3	SHINYAWATA B.	LG.	-42.129 8.50	23.00	390	69032
342	305-GR-5	MINATO BRIDGE	TR.	-7.863 1.68	15.90	452	69032
343	305-GR-5	MINATO BRIDGE	U-D	9.221 0.55	15.91	372	69032
344	305-GR-5	MINATO BRIDGE	LG.	-12.702 3.95	15.85	374	69032
345	311-GR-5	TOYOHAMA BRIDGE	LG.	10.756 4.15	14.89	536	69032
346	311-GR-5	TOYOHAMA BRIDGE	U-D	4.836 7.07	14.88	464	69032
347	311-GR-5	TOYOHAMA BRIDGE	TR.	9.960 4.44	14.92	716	69032
348	319-GR-4	SHITOKU BRIDGE	TR.	-15.264 4.66	18.94	890	69032
349	319-GR-4	SHITOKU BRIDGE	U-D	12.005 4.13	18.94	906	69032

Table 1-2. Index of Earthquake Records

INDEX NO.	RECORD NO.	STATION NAME OF STRUCTURE		MAX.ACCEL. (GAL)	TIME (SEC)	DURATION TIME (SEC)	DATA NUMBER	E.Q.NO.
350	319-GR-4	SHITOKU BRIDGE	LG.	25.253	7.20	18.94	982	69032
351	602-GR-1	YOKOYAMA DAM	E-W	-12.237	0.88	11.99	550	69032
352	602-GR-1	YOKOYAMA DAM	U-D	-8.167	2.83	11.97	475	69032
353	602-GR-1	YOKOYAMA DAM	N-S	14.270	0.86	11.96	554	69032
354	1001-GR-2	HAMANAKO BRIDGE	LG.	12.600	9.76	17.98	530	69032
355	1001-GR-2	HAMANAKO BRIDGE	U-D	3.703	0.91	17.92	429	69032
356	1001-GR-2	HAMANAKO BRIDGE	TR.	-15.971	9.70	17.91	477	69032
357	1201-GR-6	NISHIYOKOBORI B.	LG.	9.729	1.30	10.91	296	69032
358	1201-GR-6	NISHIYOKOBORI B.	U-D	3.727	5.10	10.91	245	69032
359	1201-GR-6	NISHIYOKOBORI B.	TR.	8.754	2.12	10.90	302	69032
360	501-GR-46	FUTTSU CAPE	N-S	16.517	1.24	6.94	401	69037
361	501-GR-46	FUTTSU CAPE	U-D	2.013	1.90	6.96	230	69037
362	501-GR-46	FUTTSU CAPE	E-W	14.811	1.40	6.94	357	69037
363	901-GR-41	P.W.R.I CHIBA	N-S	13.315	2.97	11.82	526	69037
364	901-GR-41	P.W.R.I CHIBA	U-D	-4.729	2.98	11.92	428	69037
365	901-GR-41	P.W.R.I CHIBA	E-W	15.732	2.64	11.90	480	69037
366	304-GR-20	DATE BRIDGE	LG.	9.339	0.63	9.96	587	69039
367	304-GR-20	DATE BRIDGE	U-D	2.869	2.89	9.93	334	69039
368	304-GR-20	DATE BRIDGE	TR.	7.431	1.11	9.96	474	69039
369	907-GR-36	TAIRA BRIDGE	TR.	9.592	2.02	10.93	511	69039
370	907-GR-36	TAIRA BRIDGE	U-D	-5.077	6.19	10.96	511	69039
371	907-GR-36	TAIRA BRIDGE	LG.	-7.180	2.05	10.94	481	69039
372	905-B-265	OCHIAI BRIDGE	LG.	67.360	0.80	6.95	400	69047
373	905-B-265	OCHIAI BRIDGE	U-D	-9.174	0.68	6.91	289	69047
374	905-B-265	OCHIAI BRIDGE	TR.	-11.625	1.50	7.00	370	69047

3. 地震の諸元

Table 2 は Table 1 に示した地震動記録が採取された地震の諸元（震源，発生年月日，マグニチュード）を示すものであり Table 1 に示した“EQ・NO.”に対応する。Table 2 の項目を順を追って説明すると以下の通りである。

Table 2 の項目	説 明
EARTHQUAKE NO.	Table 1 参照
EPICENTRAL REGION	震央の位置
EARTHQUAKE TIME AND DAY	地震発生の日，月，日，時，分
LONGITUDE	震央の経度（単位は度，分）
LATITUDE	震央の緯度（単位は度，分）
DEPTH (KM)	震源の深さ（単位は km）
MAGNITUDE	地震の規模（単位はリヒタースケールで表わしたマグニチュード）

Table 2. Index of Earthquakes

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
68090	MIDDLE OF CHIBA-PREF	1968.10.08,09.50	140 9 0	35 31 0	70.0	5.3
69003	NE OFF HOKKAIDO	1969.01.19,16.02	143 29 0	44 33 0	260.0	7.1
69012	NEAR MATSUSHIRO	1969.04.06,01.36	138 15 0	36 31 0	0.0	4.5
69013	MIDDLE OF TOCHIGI-PREF	1969.04.09,21.57	139 46 0	36 47 0	100.0	5.6
69015	HYUGANADA	1969.04.21,16.19	132 7 0	32 9 0	10.0	6.5
69023	OFF FUKUSHIMA-PREF	1969.06.23,14.57	141 40 0	37 18 0	50.0	5.2
69024	OFF FUKUSHIMA-PREF	1969.07.23,22.14	141 45 0	37 14 0	40.0	5.5
69026	E OF FUKUSHIMA-PREF	1969.08.06,03.34	140 49 0	37 22 0	110.0	5.0
69032	MIDDLE OF Gifu-PREF	1969.09.09,14.15	137 4 0	35 47 0	0.0	5.6
69037	MIDDLE OF CHIBA-PREF	1969.10.03,21.03	140 3 0	35 18 0	40.0	4.5
69039	S OF IWATE-PREF	1969.10.18,10.14	141 39 0	39 13 0	130.0	5.8
69047	NEAR MATSUSHIRO	1969.12.03,21.19	138 10 0	36 30 0	10.0	4.4

4. 強震計の作動状況

Table 3 は Table 2 に示した地震によってどの強震計が作動し、どのような記録が採取されたかを示すものである。表中の上段は Table 2 に示した地震の諸元を、中段は上段に示した地震により採取された地震動記録の最大加速度を、下段は中段に示した地震動を記録した強震計の位置および震央距離をそれぞれ示したものである。ここで Table 3 に示す“EQ・NO.”は Table 2 に示した“EQ・NO.”と対応している。

Table 3 の項目は次の通りである。

Table 3 の項目	説 明
STATION NO.	強震計の整理番号 (Table 1 参照)
INSTRUMENTS	強震計の設置箇所 (Table 1 参照)
SEQUENCE NO.	当該強震計により、得られた地震動記録の整理番号 (Table 1 参照)
HORIZONTAL A VERTICAL HORIZONTAL B	水平方向 A, 上下方向, 水平方向 B の地震動の記録の最大加速度を Gal で示した値である。これらの値は記録された波形の振幅の最大値をスケールにより読み取った値であるため、デジタル化して中心軸の補正を施した後の最大加速度値とは、多少の差がある場合がある。
NAME OF STRUCTURE	強震計が設置されている構造物の名称 (Table 1 参照)
LONGITUDE	強震計設置点の経度 (単位は, 度, 分, 秒)
LATITUDE	強震計設置点の緯度 (単位は, 度, 分, 秒)
Y・M・INSTALLED	強震計を設置した年 (西暦年), 月, 日をそれぞれ 2 桁の数字で記号化したものである。
TYPE	強震計の型式
MACHINE NO.	強震計の機械番号
EPICENTRAL DISTANCE (KM)	震央から強震計までの地表面距離である。地表面距離の算定は, 理科年表に掲載されている方法に従っている。

Figure 1 ~ 12 は, Table 3 に示した内容を, 地図上にプロットしたものである。図中の*印は震央を, ⊙印はそれぞれこの地震により作動した強震計の設置点をその整理番号とともに表わしている。

Table 3-1. Index of Accelerometer Worked during Earthquake
Number 68090

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH (KM)	MAGNITUDE
68090	MIDDLE OF CHIBA-PREF.	1968.10.08, 09.50	140 9 0	35 31 0	70.0	5.3

STATION NO.	INSTRUMENTS	SEQUENCE NO.	HORI. A	VERTICAL	HORI. B (GAL)
101	GR-1	10	28.0	5.0	35.0
101	PI-1	11	45.0	10.0	38.0
104	GR-1	10	5.0	0.0	8.0
104	PI-1	9	10.0	0.0	13.0
106	GR-1	15	48.0	10.0	35.0
106	PI-1	15	63.0	5.0	45.0
310	GR-1	16	30.0	5.0	35.0
310	PI-1	13	48.0	15.0	35.0
310	PI-2	13	65.0	15.0	28.0
501	GR-1	36	25.0	10.0	18.0
503	GR-1	11	40.0	8.0	35.0
901	GR-1	37	50.0	30.0	48.0
902	GR-1	26	40.0	8.0	50.0
902	PI-1	44	40.0	5.0	38.0
902	PI-2	21	33.0	10.0	50.0
1108	GR-1	7	55.0	13.0	55.0
1108	PI-1	3	125.0	28.0	120.0
1109	GR-1	4	28.0	5.0	43.0
1109	TU-1	3	13.0	5.0	30.0
1109	TU-2	4	10.0	55.0	18.0

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M. INSTALLED	TYPE	MACHINE NO.	OS. (KM)
101	SHINKATSUSHIKA BRIDGE	GR-1	139 52 48	35 46 20	660330	SMAC-B2	70096	37.2
101	SHINKATSUSHIKA BRIDGE	PI-1	139 52 44	35 45 55	660330	SMAC-B2	70095	36.7
104	SHINTONEGAWA BRIDGE	GR-1	139 42 36	36 8 30	670220	SMAC-B2	140205	79.7
104	SHINTONEGAWA BRIDGE	PI-1	139 43 27	36 8 31	670220	SMAC-B2	140206	79.1
106	SOHKA BRIDGE	GR-1	139 48 42	35 48 12	680306	SMAC-B2	310233	43.8
106	SOHKA BRIDGE	PI-1	139 48 2	35 48 19	680306	SMAC-B2	310234	44.7
310	HIRAI BRIDGE	GR-1	139 51 52	35 42 30	650800	SMAC-B2	70151	33.2
310	HIRAI BRIDGE	PI-1	139 51 8	36 42 30	650800	SMAC-B2	70126	134.8
310	HIRAI BRIDGE	PI-2	139 51 2	36 42 36	650800	SMAC-B2	70125	135.0
501	TOKYO BAY (FUTTU CAPE)	GR-1	139 48 18	35 18 32	651000	SMAC-B2	38558	38.5
503	TOKYO BAY (KANNONZAKI)	GR-1	139 44 54	35 15 6	670300	SMAC-B2	140207	46.4
901	P.W.R.I. CHIBA BRANCH	GR-1	140 8 36	35 37 57	670300	SMAC-B2	70153	12.9
901	P.W.R.I. CHIBA BRANCH	GR-2	140 8 36	35 37 57	730300	SMAC-B2	10002	12.9
901	P.W.R.I. CHIBA BRANCH	GR-3	140 8 36	35 37 57	730300	SMAC-B2	36561	12.9
902	NISHIARAI BRIDGE	GR-1	139 47 56	35 45 6	620300	SMAC-B2	37889	40.8
902	NISHIARAI BRIDGE	PI-1	139 47 34	35 45 19	620300	SMAC-B2	37890	41.4
902	NISHIARAI BRIDGE	PI-2	139 47 34	35 45 23	620300	SMAC-B2	37891	41.5
1108	ICHINOHASHI BRIDGE	GR-1	139 44 10	35 39 0	670700	SMAC-B2	0	39.8
1108	ICHINOHASHI BRIDGE	PI-1	139 44 10	35 39 0	670700	SMAC-B2	0	39.8
1109	HANEDA UNDERSEA TUNNEL	GR-1	139 45 30	35 34 30	680200	SMAC-B2	0	35.6
1109	HANEDA UNDERSEA TUNNEL	TU-1	139 45 30	35 34 30	680200	SMAC-B2	0	35.6
1109	HANEDA UNDERSEA TUNNEL	TU-2	139 45 30	35 34 30	680200	SMAC-B2	0	35.6

STATION NAME OF STRUCTURE	RECORD NUMBER	MAX. AMPLITUDE (GALS)			EARTHQUAKE TIME AND DATE
		HORI. 1	VERTICAL	HORI. 2	
SHINKATSUSHIKA BRIDGE	101 GR-1 10	28.0	5.0	35.0	1958.10.28.09.50
SHINKATSUSHIKA BRIDGE	101 PI-1 11	45.0	10.0	38.0	
SHINTONEGAWA BRIDGE	104 GR-1 10	5.0	0.0	8.0	LOCATION OF EPICENTER
SHINTONEGAWA BRIDGE	104 PI-1 9	10.0	0.0	13.0	
SOHKA BRIDGE	106 GR-1 15	48.0	10.0	35.0	LO=140.9 LA= 35.31
SOHKA BRIDGE	106 PI-1 15	63.0	5.0	45.0	
HIRAI BRIDGE	310 GR-1 16	30.0	5.0	35.0	DEPTH. MAGNITUDE
HIRAI BRIDGE	310 PI-1 13	48.0	15.0	35.0	
HIRAI BRIDGE	310 PI-2 13	65.0	15.0	28.0	(M E.O. CENTER)
TOKYO BAY (FUTTU CAPE)	501 GR-1 36	25.0	10.0	18.0	
TOKYO BAY (KANNONZAKI)	503 GR-1 11	40.0	8.0	35.0	
P.W.A. J. CHIBA BRANCH	901 GR-1 37	50.0	30.0	48.0	
NISHIARAI BRIDGE	902 GR-1 26	40.0	8.0	50.0	
NISHIARAI BRIDGE	902 PI-1 44	40.0	5.0	38.0	
NISHIARAI BRIDGE	902 PI-2 21	33.0	10.0	50.0	
ICHINOHASHI BRIDGE	1108 GR-1 7	55.0	13.0	55.0	
ICHINOHASHI BRIDGE	1108 PI-1 3	125.0	28.0	120.0	
HANEDA UNDERSEA TUNNEL	1109 GR-1 4	28.0	5.0	43.0	
HANEDA UNDERSEA TUNNEL	1109 TU-1 3	13.0	5.0	30.0	
HANEDA UNDERSEA TUNNEL	1109 TU-2 4	10.0	55.0	18.0	

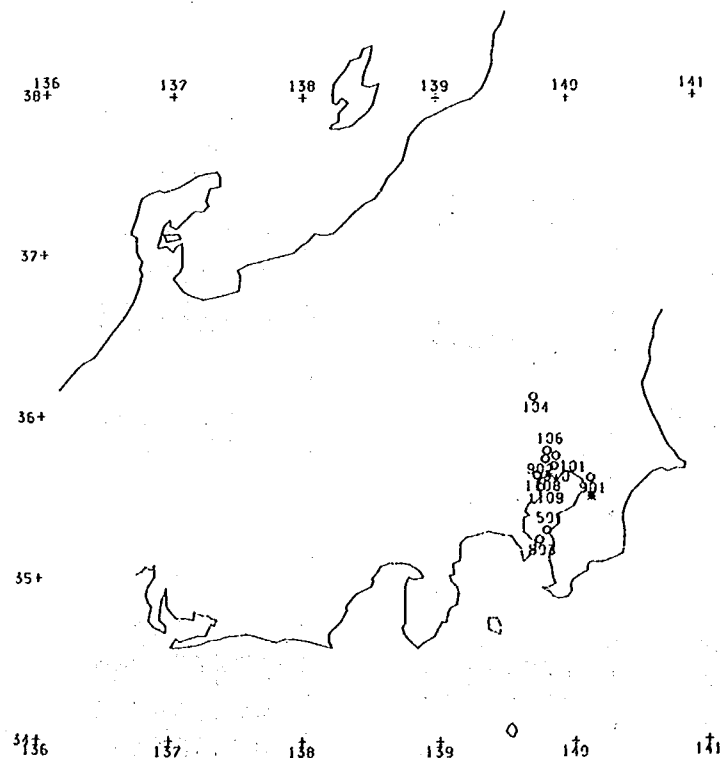


Figure 1. Accelerometers Worked during Earthquake Number 68090

Table 3-2. Index of Accelerometer Worked during Earthquake
Number 69003

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69003	NE OFF HOKKAIDO	1969.01.19,16.02	143 29 0	44 33 0	260.0	7.1

STATION NO.	INSTRUMENTS	SEQUE. NO.	HORI.A	VERTICAL	HORI.B (GAL)
302	GR-1	16	0.0	0.0	0.0
302	PI-1	19	18.0	0.0	5.0
1302	GR-1	9	10.0	0.0	15.0
1302	PI-1	7	13.0	3.0	18.0
1302	PI-2	7	8.0	0.0	10.0
1304	GR-1	3	12.5	2.5	12.5
1305	GR-1	10	2.5	0.0	2.5
1305	PI-1	4	0.0	0.0	0.0

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M. INSTALLED	TYPE	MACHINE NO.	DS.(KM)
302	KAIHOKU BRIDGE	GR-1	141 18 32	38 26 43	660300	SMAC-B2	36576	704.2
302	KAIHOKU BRIDGE	PI-1	141 19 22	38 26 41	660300	SMAC-B2	38575	703.9
1302	CHIYODA BRIDGE	GR-1	143 22 3	42 54 58	661100	SMAC-B2	140182	181.5
1302	CHIYODA BRIDGE	PI-1	143 23 21	42 55 11	661100	SMAC-B2	140181	181.0
1302	CHIYODA BRIDGE	PI-2	143 23 21	42 55 11	661100	SMAC-B2	140183	181.0
1304	OTANOSHIKE BRIDGE	GR-1	144 15 16	43 0 33	671000	SMAC-B2	140229	184.2
1304	OTANOSHIKE BRIDGE	PI-1	144 15 16	43 0 33	671000	SMAC-B2	140230	184.2
1305	HOROMAN BRIDGE	GR-1	143 2 16	42 4 24	671210	SMAC-B2	140231	277.5
1305	HOROMAN BRIDGE	PI-1	143 2 16	42 4 24	671210	SMAC-B2	140232	277.5

STATION NAME OF STRUCTURE	RECORD NUMBER	MAX. AMPLITUDE (GALS)			EARTHQUAKE TIME AND DATE
		HORI. A	VERTICAL	HORI. B	
KAIHOKU BRIDGE	302 GR-1 16	0.0	0.0	0.0	1969.01.19.16.02
KAIHOKU BRIDGE	302 PI-1 19	10.0	0.0	5.0	
CHIYODA BRIDGE	1302 GR-1 9	10.0	0.0	15.0	LOCATION OF EPICENTER
CHIYODA BRIDGE	1302 PI-1 7	13.0	3.0	18.0	
CHIYODA BRIDGE	1302 PI-2 7	8.0	0.0	10.0	LO= 143 29 LA= 44 33
OTANOSHIKE BRIDGE	1304 GR-1 3	12.5	2.5	12.5	
HOROHAN BRIDGE	1305 GR-1 10	2.5	0.0	2.5	DEPTH. MAGNITUDE 260.0 KM. M= 7.1
HOROHAN BRIDGE	1305 PI-1 4	0.0	0.0	0.0	

(X E.O. CENTER)

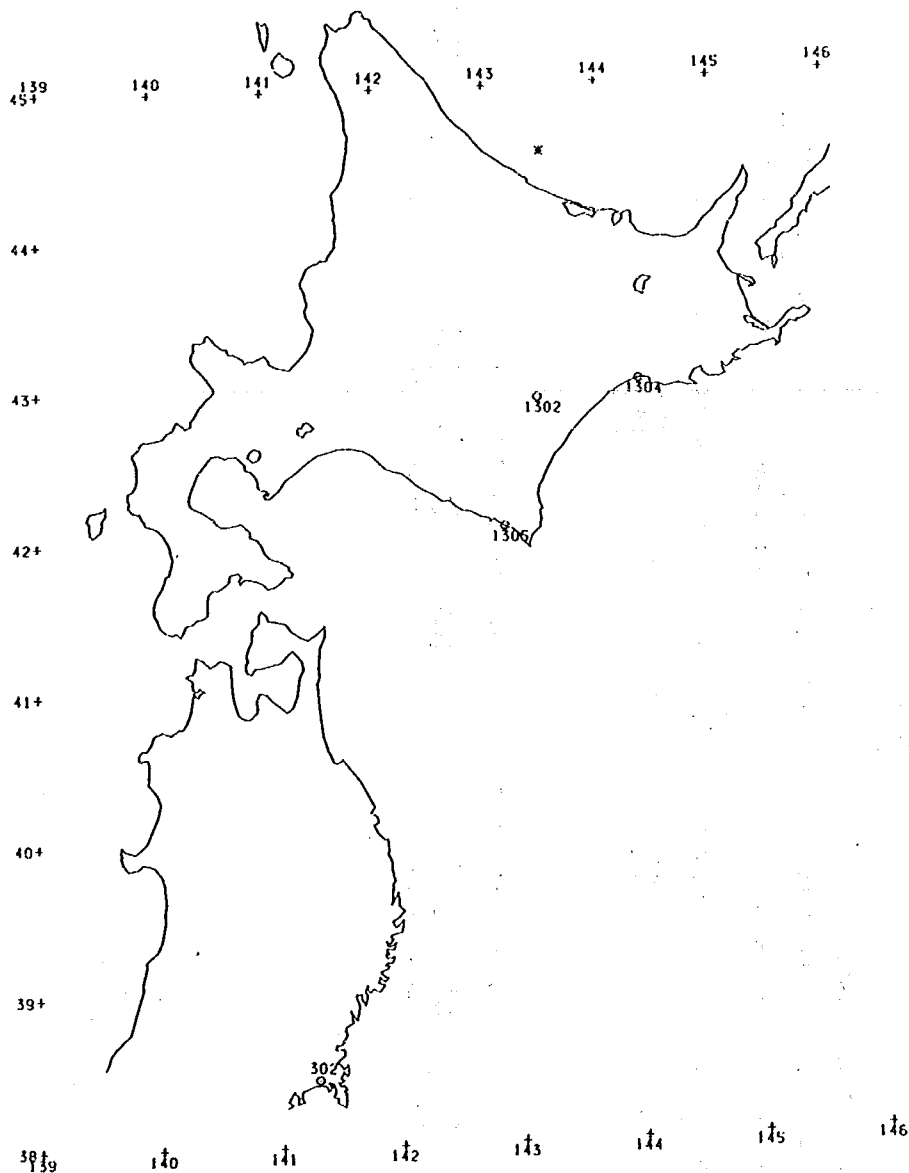


Figure 2. Accelerometers Worked during Earthquake Number 69003

Table 3-3. Index of Accelerometer Worked during Earthquake
Number 69012

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69012	NEAR MATSUSHIRO	1969.04.06*01.36	138 15 0 ⁺⁺	36 31 0 ⁺⁺	0.0	4.5

STATION NO.	INSTRUMENTS	SEQUE. NO.	HORI.A	VERTICAL	HORI.B (GAL)
905	GR-1	264	160.0	27.5	37.5
905	GR-2	117	47.5	15.0	52.5
905	PI-1	414	97.5	25.0	27.5

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M INSTALLED	TYPE	MACHINE NO.	DS.(KM)
905	OCHIAI BRIDGE	GR-1	138 13 25	36 38 38	651210	SMAC-B2	37896	14.3
905	OCHIAI BRIDGE	GR-2	138 14 27	36 37 8	651210	SMAC-B2	38587	11.4
905	OCHIAI BRIDGE	PI-1	138 14 27	36 37 5	651210	SMAC-B2	38583	11.3

		69012	NEAR MATSUSHIRO				
NAME OF STRUCTURE	STATION	RECORD NUMBER	MAX. AMPLITUDE (GALS)			EARTHQUAKE TIME AND DATE	
			HORI. A	VERTICAL	HORI. B		
OSHIKI BRIDGE		905 GR-1 264	150.0	27.5	37.5	1969.04.06.01.56	LOCATION OF EPICENTER LO= 138 15 LA= 36 31 DEPTH, MAGNITUDE 0.0 KM, M= 4.5 (* E.O. CENTER)
OSHIKI BRIDGE		905 GR-2 117	47.5	15.0	52.5		
OSHIKI BRIDGE		905 PI-1 414	97.5	25.0	27.5		

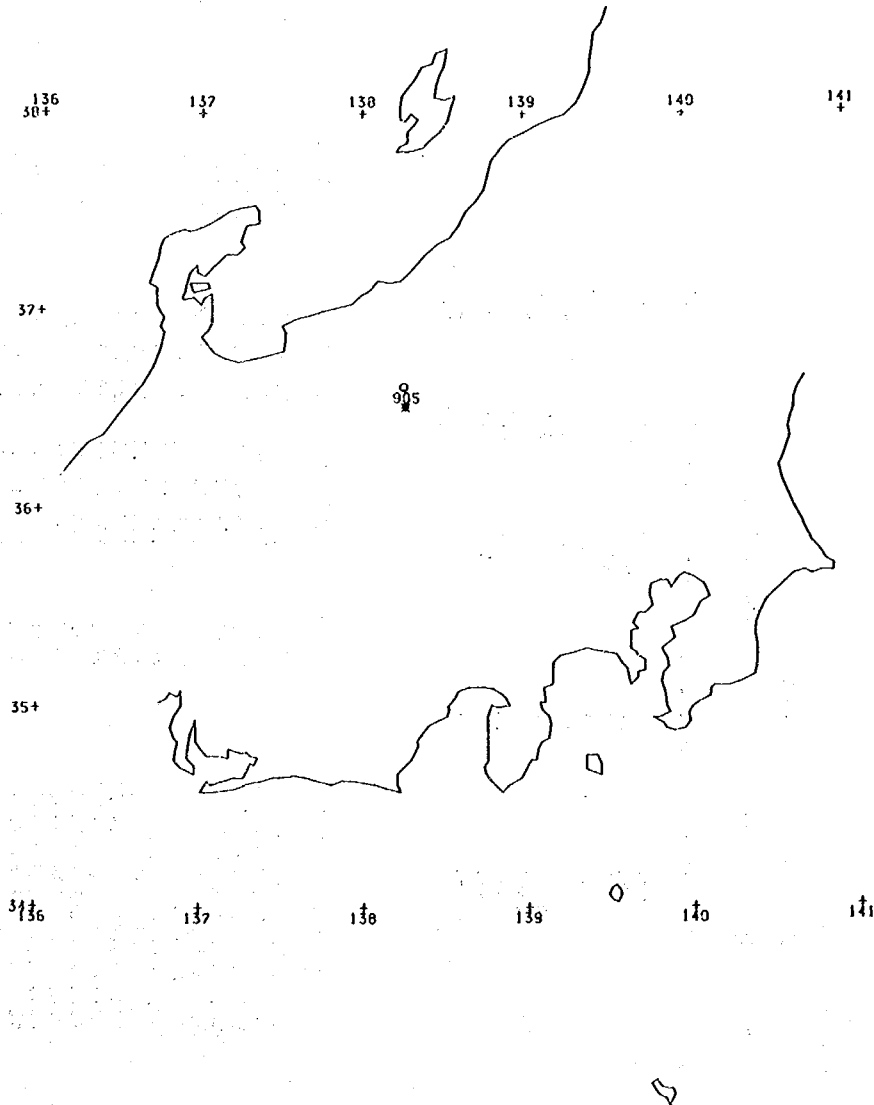


Figure 3. Accelerometers Worked during Earthquake Number 69012

Table 3-4. Index of Accelerometer Worked during Earthquake
Number 69013

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69013	MIDDLE OF TOCHIGI-PREF	1969.04.09,21.57	139 46 0	36 47 0	100.0	5.6

STATION NO.	INSTRUMENTS	SEQUE. NO.	HORI.A	VERTICAL	HORI.B (GAL)
101	GR-1	11	14.0	4.0	16.0
104	GR-1	12	42.5	10.0	70.0
104	PI-1	10	59.0	7.5	25.0
106	GR-1	17	15.0	4.0	12.5
106	PI-1	17	24.0	0.0	14.0
204	GR-1	2	0.0	0.0	0.0
501	GR-1	42	2.5	0.0	5.0
503	GR-1	13	10.0	0.0	7.5
901	GR-1	38	10.0	2.5	7.5
906	GR-1	9	7.5	0.0	5.0
907	GR-1	28	10.0	4.0	15.0

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M INSTALLED	TYPE	MACHINE NO.	DS.(KM)
101	SHINKATSUSHIKA BRIDGE	GR-1	139 52 48	35 46 20	660330	SMAC-B2	70096	112.6
101	SHINKATSUSHIKA BRIDGE	PI-1	139 52 44	35 45 55	660330	SMAC-B2	70095	113.3
104	SHINTONEGAWA BRIDGE	GR-1	139 42 36	36 8 30	670220	SMAC-B2	140205	71.3
104	SHINTONEGAWA BRIDGE	PI-1	139 43 27	36 8 31	670220	SMAC-B2	140206	71.2
106	SOHKA BRIDGE	GR-1	139 48 42	35 48 12	680306	SMAC-B2	310233	108.7
106	SOHKA BRIDGE	PI-1	139 48 2	35 48 19	680306	SMAC-B2	310234	108.5
204	SHINYAWATA BRIDGE	GR-1	136 52 12	34 59 55	651100	SMAC-B2	38574	325.6
204	SHINYAWATA BRIDGE	PI-1	136 52 12	35 0 5	651100	SMAC-B2	38573	325.5
501	TOKYO BAY(FUTTU CAPE)	GR-1	139 48 18	35 18 32	651000	SMAC-B2	38558	163.5
503	TOKYO BAY(KANNONZAKI)	GR-1	139 44 54	35 15 6	670300	SMAC-B2	140207	149.8
901	P.W.R.I. CHIBA BRANCH	GR-1	140 8 36	35 37 57	670300	SMAC-B2	70153	132.0
901	P.W.R.I. CHIBA BRANCH	GR-2	140 8 36	35 37 57	730300	SMAC-Q	10002	132.0
901	P.W.R.I. CHIBA BRANCH	GR-3	140 8 36	35 37 57	730300	SMAC-B2	38561	132.0
906	P.W.R.I. KASHIMA E.L.	GR-1	140 39 18	35 53 31	670300	SMAC-B2	140185	126.7
907	TAIRA BRIDGE	GR-1	140 54 28	37 3 13	680118	SMAC-B2	140215	106.2
907	TAIRA BRIDGE	AB-1	140 54 49	37 3 7	680118	SMAC-B2	140203	106.6

STATION NAME OF STRUCTURE	RECORD NUMBER	MAX. AMPLITUDE (GALS)			EARTHQUAKE TIME AND DATE
		HORI. A	VERTICAL	HORI. B	
SHINKATSUSHIKA BRIDGE	101 GR-1 11	14.0	4.0	16.0	1969.04.09.21.57
SHINTONEGAWA BRIDGE	104 GR-1 12	42.5	10.0	70.0	
SHINTONEGAWA BRIDGE	104 PI-1 10	59.0	7.5	25.0	LOCATION OF EPICENTER
SENKA BRIDGE	106 GR-1 17	15.0	4.0	12.5	
SENKA BRIDGE	106 PI-1 17	24.0	0.0	14.0	LO= 139 46 LA= 36 47
SHINYAKATA BRIDGE	204 GR-1 2	0.0	0.0	0.0	
TOKYO BAY (FUTTU CAPE)	501 GR-1 42	2.5	0.0	5.0	DEPTH, MAGNITUDE
TOKYO BAY (KANNOZAKI)	503 GR-1 13	10.0	0.0	7.5	
P.W.R.I. CHIBA BRANCH	901 GR-1 30	10.0	2.5	7.5	190.0 KM. M= 5.6 (* E.O. CENTER)
P.W.R.I. KASHIMA E.L.	906 GR-1 9	7.5	0.0	5.0	
TAIRA BRIDGE	907 GR-1 28	10.0	4.0	15.0	

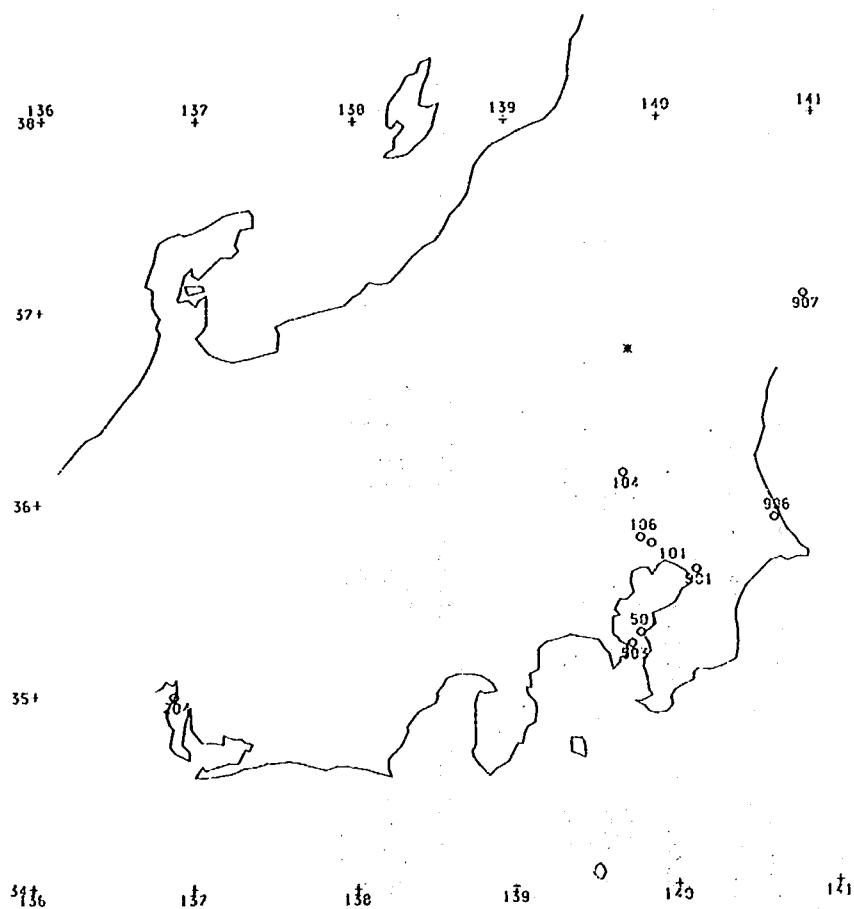


Figure 4. Accelerometers Worked during Earthquake Number 69013

Table 3-5. Index of Accelerometer Worked during Earthquake
Number 69015

18

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69015	HYUGANADA	1969.04.21+16.19	152 7 0 ⁺⁺	32 9 0 ⁺⁺	10.0	6.5

STATION NO.	INSTRUMENTS	SEQUE. NO.	HORI.A	VERTICAL	HORI.B (GAL)
205	GR-1	7	15.0	0.0	10.0
205	PI-1	19	23.0	0.0	19.5
309	GR-1	16	12.5	7.5	15.0
309	PI-1	17	12.5	5.0	45.0

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M INSTALLED	TYPE	MACHINE NO.	DS.(KM)
205	ISHISETO BRIDGE	GR-1	131 8 6	31 57 18	650300	SMAC-82	38540	90.3
205	ISHISETO BRIDGE	PI-1	131 8 27	31 57 25	650300	SMAC-82	38539	89.7
309	OTOME BRIDGE	GR-1	130 47 30	32 41 11	650331	SMAC-82	38537	132.4
309	OTOME BRIDGE	PI-1	130 47 34	32 41 21	650331	SMAC-82	38536	132.5

STATION NAME OF STRUCTURE	RECORD NUMBER	MAX. AMPLITUDE (GALS)			EARTHQUAKE TIME AND DATE
		HORI. A	VERTICAL	HORI. B	
ISHISETO BRIDGE	205 GR-1 7	15.0	0.0	10.0	1969.04.21. 16.19 LOCATION OF EPICENTER LO=132 7 LA= 32 9 DEPTH, MAGNITUDE 10.0 KM, M= 6.5 (* E.O. CENTER)
ISHISETO BRIDGE	205 PI-1 19	23.0	0.0	19.5	
OTOME BRIDGE	309 GR-1 16	12.5	7.5	15.0	
OTOME BRIDGE	309 PI-1 17	12.5	5.0	45.0	

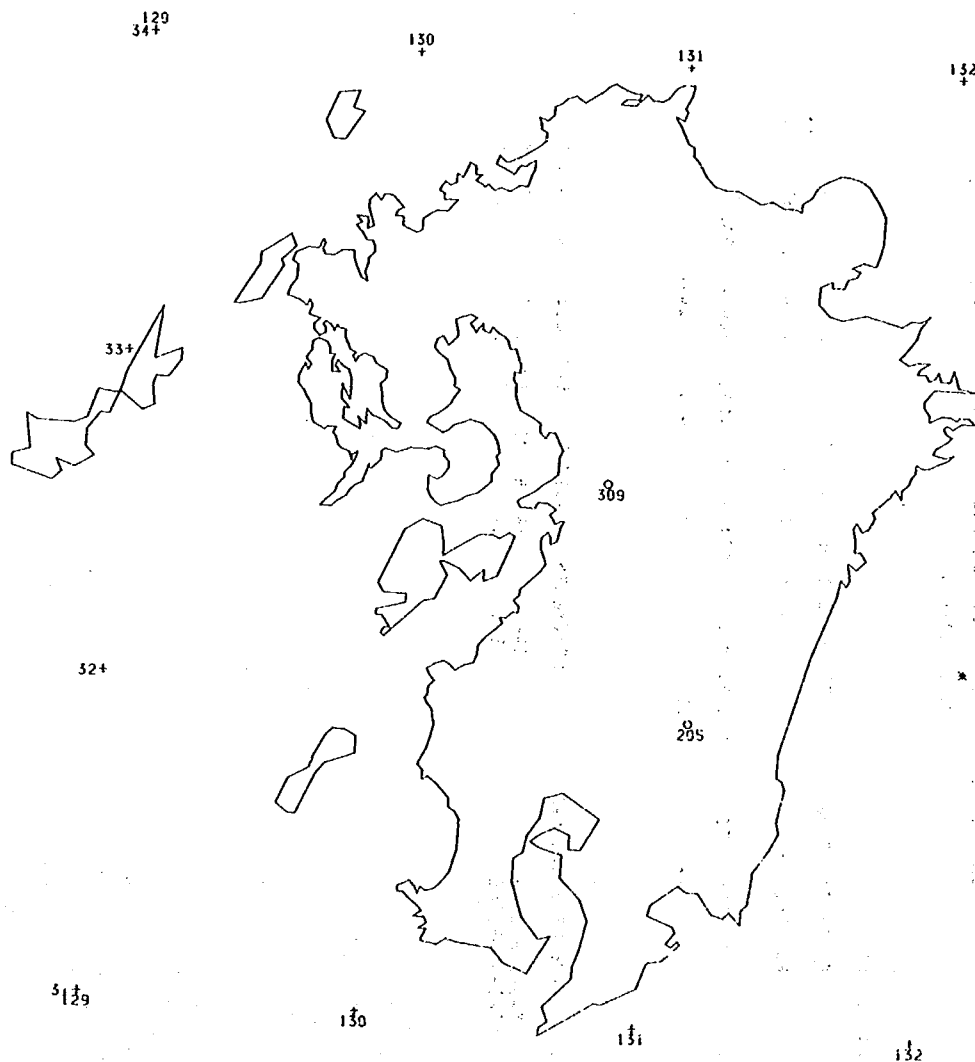


Figure 5. Accelerometers Worked during Earthquake Number 69015

Table 3-6. Index of Accelerometer Worked during Earthquake
Number 69023

20

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69023	OFF FUKUSHIMA-PREF	1969.06.23,14.57	141 40 0 ⁺⁺	37 18 0 ⁺⁺	50.0	5.2

STATION NO.	INSTRUMENTS	SEQUE. NO.	HORI.A	VERTICAL	HORI.B (GAL)
907	GR-1	31	7.5	4.0	10.0

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M. INSTALLED	TYPE	MACHINE NO.	DS.(KM)
907	TAIRA BRIDGE	GR-1	140 54 28	37 3 13	680118	SMAC-B2	140215	73.1
907	TAIRA BRIDGE	AB-1	140 54 49	37 3 7	680118	SMAC-B2	140203	72.6

		69023	OFF FUKUSHIMA-PREF			
STATION	RECORD	MAX. AMPLITUDE (GALS)		EARTHQUAKE		
NAME OF STRUCTURE	NUMBER	HORI. A	VERTICAL	HORI. B	TIME AND DATE	
TAIHA BRIDGE	907 GR-1 31	7.5	4.0	10.0	1969.06.23.14.57	
				LOCATION OF		
				EPICENTER		
				LO= 141 40		
				LA= 37 10		
				DEPTH, MAGNITUDE		
				50.0 KM, M= 5.2		
				(★ E.O. CENTER)		

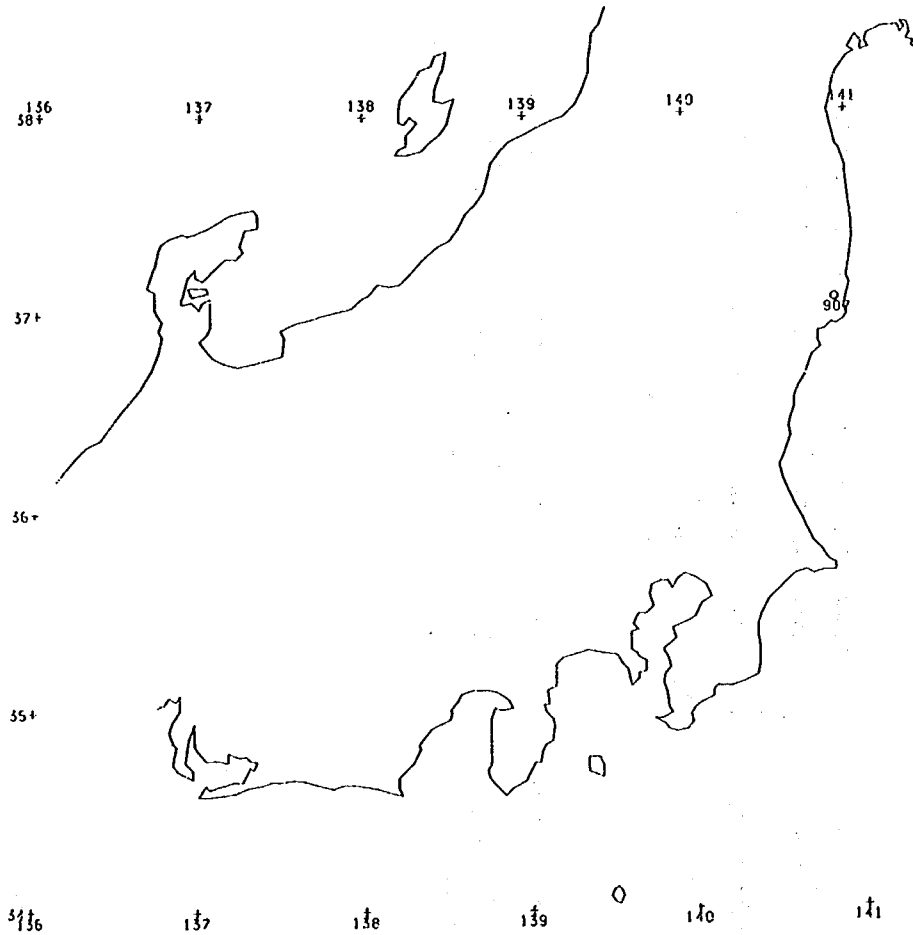


Figure 6. Accelerometers Worked during Earthquake Number 69023

Table 3-7. Index of Accelerometer Worked during Earthquake
Number 69024

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69024	OFF FUKUSHIMA-PREF	1969.07.23,22.14	141 45 0	37 14 0	40.0	5.5

STATION NO.	INSTRUMENTS	SEQUE. NO.	HORI.A	VERTICAL	HORI.B (GAL)
302	PI-1	24	0.0	0.0	0.0
907	GR-1	32	20.0	10.0	17.5
907	AB-1	7	10.0	2.5	7.5

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M. INSTALLED	TYPE	MACHINE NO.	DS.(KM)
302	KAIHOKU BRIDGE	GR-1	141 18 32	38 26 43	660300	SMAC-82	38576	140.0
302	KAIHOKU BRIDGE	PI-1	141 19 22	38 26 41	660300	SMAC-82	38575	139.6
907	TAIRA BRIDGE	GR-1	140 54 28	37 3 13	680118	SMAC-82	140215	77.8
907	TAIRA BRIDGE	AB-1	140 54 49	37 3 7	680118	SMAC-82	140203	77.3

STATION NAME OF STRUCTURE	RECORD NUMBER	MAX. AMPLITUDE (GALS)	OFF FUKUSHIMA-PREF		
			HORI. A	VERTICAL	HORI. B
KAIHOKU BRIDGE	302 PI-1 24	0.0	0.0	0.0	0.0
TAIRA BRIDGE	907 GA-1 32	20.0	10.0	17.5	17.5
TAIRA BRIDGE	907 AB-1 7	10.0	2.5	7.5	7.5

EARTHQUAKE TIME AND DATE 1969.07.23.22.14
 LOCATION OF EPICENTER
 LO= 141 45
 LA= 37 14
 DEPTH, MAGNITUDE
 40.0 KM, M= 5.5
 (▲ E.O. CENTER)

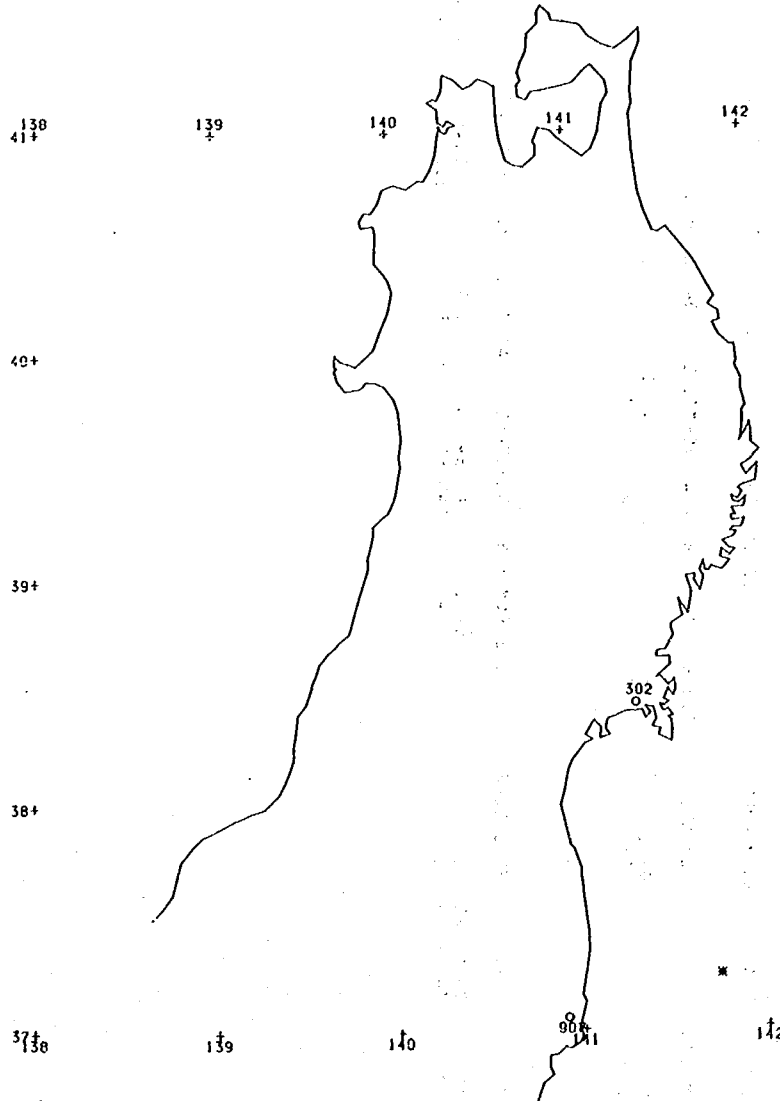


Figure 7. Accelerometers Worked during Earthquake Number 69024

Table 3-8. Index of Accelerometer Worked during Earthquake
Number 69026

24

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69026	E OF FUKUSHIMA-PREF	1969.08.06.03.34	140 49 0 ⁺⁺	37 22 0 ⁺⁺	110.0	5.0

STATION NO.	INSTRUMENTS	SEQUE. NO.	HORI.A	VERTICAL	HORI.B (GAL)
907	GR-1	33	15.0	10.0	17.5
907	AB-1	8	7.5	2.5	7.5

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M INSTALLED	TYPE	MACHINE NO.	DS.(KM)
907	TAIRA BRIDGE	GR-1	140 54 28	37 3 13	680118	SMAC-B2	140215	35.7
907	TAIRA BRIDGE	AB-1	140 54 49	37 3 7	680118	SMAC-B2	140203	36.0

69026 E OF FUKUSHIMA-PREF

STATION NAME OF STRUCTURE	RECORD NUMBER	MAX. AMPLITUDE (GALS)	EARTHQUAKE		TIME AND DATE
			HORI. A	VERTICAL	
TAIWA BRIDGE	907 GR-1 33	15.0	10.0	17.5	1969.02.06.03.54
TAIWA BRIDGE	907 AB-1 8	7.5	2.5	7.5	

LOCATION OF
EPICENTER
LO: 140 49
LA: 37 22
DEPTH, MAGNITUDE
110.0 KM. M: 5.0
(* E.O. CENTER)

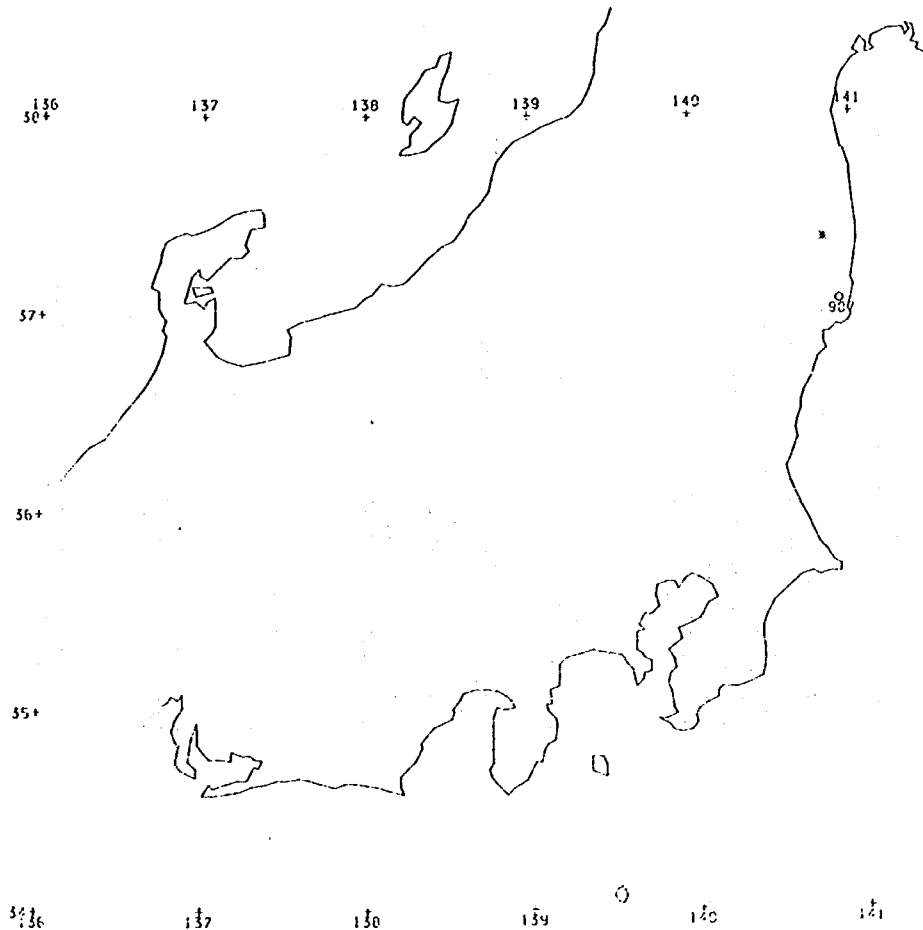


Figure 8. Accelerometers Worked during Earthquake Number 69026

Table 3-9. Index of Accelerometer Worked during Earthquake Number 69032

LIST OF EARTHQUAKE ORIGINS

E.O. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69032	MIDDLE OF Gifu-PREF	1969.09.09.14.15	137 4 0	35 47 0	0.0	6.6
STATION NO.	INSTRUMENTS	SEQUENCE NO.	HORI. A	VERTICAL	HORI. B (GAL)	
204	GR-1	3	45.0	23.0	40.0	
204	PI-1	1	41.0	12.5	25.0	
305	GR-1	5	10.5	10.0	14.0	
306	PI-1	6	0.0	0.0	7.5	
311	GR-1	5	12.5	2.5	10.0	
311	PI-1	6	27.5	5.0	32.5	
312	GR-1	1	0.0	0.0	0.0	
313	GR-1	4	4.0	0.0	2.5	
313	PI-1	5	4.0	0.0	4.0	
319	GR-1	4	17.5	14.0	27.5	
319	PI-1	4	72.5	10.0	42.5	
401	BO-1	1	145.0	10.0	75.0	
501	GR-1	45	0.0	0.0	0.0	
503	GR-1	14	0.0	0.0	0.0	
602	GR-1	1	12.5	10.0	17.5	
602	OA-1	1	57.5	15.0	35.0	
610	OA-1	1	14.0	0.0	34.0	
701	GR-1	6	0.0	2.5	0.0	
901	GR-1	40	0.0	0.0	0.0	
904	PI-1	2	49.0	5.0	40.0	
1001	GR-1	2	12.5	2.5	17.5	
1201	GR-1	6	10.0	2.5	10.0	

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M. INSTALLED	TYPE	MACHINE NO.	DS.(KM)
204	SHINYAWATA BRIDGE	GR-1	136 52 12	34 59 55	651100	SHAC-B2	38574	88.8
204	SHINYAWATA BRIDGE	PI-1	136 52 12	35 0 5	651100	SHAC-B2	38573	88.5
305	MINATO BRIDGE	GR-1	134 49 48	35 38 34	650300	SHAC-B2	38542	200.3
305	MINATO BRIDGE	PI-1	134 40 16	35 38 19	650300	SHAC-B2	38541	214.5
308	ITAJIMA BRIDGE	GR-1	132 33 40	33 12 40	660300	SHAC-B2	38553	493.1
308	ITAJIMA BRIDGE	PI-1	132 33 25	33 12 50	660300	SHAC-B2	38554	493.2
311	TOYOHAMA BRIDGE	GR-1	136 42 47	34 30 38	660900	SHAC-B2	70142	144.6
311	TOYOHAMA BRIDGE	PI-1	136 41 47	34 30 24	660900	SHAC-B2	70141	145.4
312	AKAGI BRIDGE	GR-1	135 51 40	33 46 24	660900	SHAC-B2	70146	247.5
312	AKAGI BRIDGE	AB-1	135 51 8	33 46 24	660900	SHAC-B2	70145	247.8
313	ISHIZUCHI BRIDGE	GR-1	133 2 49	33 52 40	670327	SHAC-B2	140202	416.5
313	ISHIZUCHI BRIDGE	PI-1	133 4 23	33 53 10	670327	SHAC-B2	140201	414.0
319	SHITOKU BRIDGE	GR-1	137 59 29	35 36 25	671200	SHAC-B2	240218	84.8
319	SHITOKU BRIDGE	PI-1	137 59 30	35 36 0	671200	SHAC-B2	240129	85.0
401	BIWAKO BRIDGE	BO-1	135 56 4	35 7 10	640928	SHAC-B2	37976	125.0
501	TOKYO BAY(FUTTU CAPE)	GR-1	139 48 18	35 10 32	651000	SHAC-B2	38558	250.1
503	TOKYO BAY(KANNONZAKI)	GR-1	139 44 54	35 15 6	670300	SHAC-B2	140207	246.6
602	YOKOYAMA DAM	GR-1	136 27 37	35 35 16	620700	SHAC-B2	37953	58.3
602	YOKOYAMA DAM	OA-1	136 27 31	35 35 16	620700	SHAC-B2	37954	58.5
610	KOSHIBU DAM	GR-1	137 58 49	35 36 19	681200	SHAC-D	61106	83.9
610	KOSHIBU DAM	OA-1	137 58 56	35 36 15	681200	SHAC-D	61105	84.1
701	YODOGAWA EMBANKMENT	GR-1	135 38 59	34 48 52	660300	SHAC-B2	38591	166.2
701	YODOGAWA EMBANKMENT	ES-1	135 38 42	34 48 55	660300	SHAC-B2	38590	166.1
901	P.W.R.I. CHIBA BRANCH	GR-1	140 8 36	35 37 57	670300	SHAC-B2	70153	275.2
901	P.W.R.I. CHIBA BRANCH	GR-2	140 8 36	35 37 57	730300	SHAC-O	10002	275.2
901	P.W.R.I. CHIBA BRANCH	GR-3	140 8 36	35 37 57	730300	SHAC-B2	38561	275.2
904	SHINTENRYUGAWA BRIDGE	GR-1	137 48 56	34 43 39	641200	SHAC-B2	38516	134.8
904	SHINTENRYUGAWA BRIDGE	GR-2	137 48 56	34 43 39	730300	SHAC-O	10001	134.8
904	SHINTENRYUGAWA BRIDGE	PI-1	137 48 20	34 43 40	641000	SHAC-B2	38517	134.4
1001	NAHANAKO BRIDGE	GR-1	137 35 48	34 40 40	751200	SHAC-E2	0	131.4
1001	NAHANAKO BRIDGE	PI-1	137 35 48	34 40 40	751200	SHAC-E2	0	131.4
1001	NAHANAKO BRIDGE	PI-2	137 35 48	34 40 40	780300	SHAC-E2	0	131.4
1201	NISHIYOKOBORI BRIDGE	GR-1	135 30 0	34 40 0	650315	SHAC-B2	0	186.8
1201	NISHIYOKOBORI BRIDGE	PI-1	135 30 0	34 40 0	650300	SHAC-B2	0	186.8

STATION NAME OF STRUCTURE	RECORD NUMBER	MAX. AMPLITUDE (GALS)			EARTHQUAKE TIME AND DATE	
		HORI. A	VERTICAL	HORI. B	LOCATION OF EPICENTER	
SHINYAHATA BRIDGE	204 GR-1 3	45.0	23.0	40.0	1969.09.09.14.15	
SHINYAHATA BRIDGE	204 PI-1 1	41.0	12.5	25.0		
MINATO BRIDGE	305 GR-1 5	10.5	10.0	14.0	L0=137 4 LA= 35 47	
ITAJIMA BRIDGE	308 PI-1 8	0.0	0.0	7.5		
TOYOHAMA BRIDGE	311 GR-1 5	12.5	2.5	10.0	DEPTH, MAGNITUDE	
TOYOHAMA BRIDGE	311 PI-1 6	27.5	5.0	32.5		
AKAGI BRIDGE	312 GR-1 1	0.0	0.0	0.0	0.0 KH, H= 6.6	
ISHIZUCHI BRIDGE	313 GR-1 4	4.0	0.0	2.5		
ISHIZUCHI BRIDGE	313 PI-1 5	4.0	0.0	4.0	(M E.O. CENTER)	
SHITOKU BRIDGE	319 GR-1 4	17.5	14.0	27.5		
SHITOKU BRIDGE	319 PI-1 4	72.5	10.0	42.5		
BIWAKO BRIDGE	401 GR-1 1	145.0	10.0	75.0		
TOKYO BAY (FUTTU CAPE)	501 GR-1 45	0.0	0.0	0.0		
TOKYO BAY (KANNONZAKI)	503 GR-1 14	0.0	0.0	0.0		
YOKOYAMA DAM	602 GR-1 1	12.5	10.0	17.5		
YOKOYAMA DAM	602 DA-1 1	57.5	15.0	35.0		
KOSHIBU DAM	610 DA-1 1	144.0	0.0	34.0		
YODOGAWA EMBANKMENT	701 GR-1 6	8.0	2.5	9.0		
P.W.R.I. CHIBA BRANCH	901 GR-1 40	0.0	0.0	0.0		
SHINTENRYUGAWA BRIDGE	904 PI-1 2	49.0	5.0	40.0		
HAMANAKO BRIDGE	1001 GR-1 2	12.5	2.5	17.5		
NISHIYOKOBORI BRIDGE	1201 GR-1 6	10.0	2.5	10.0		

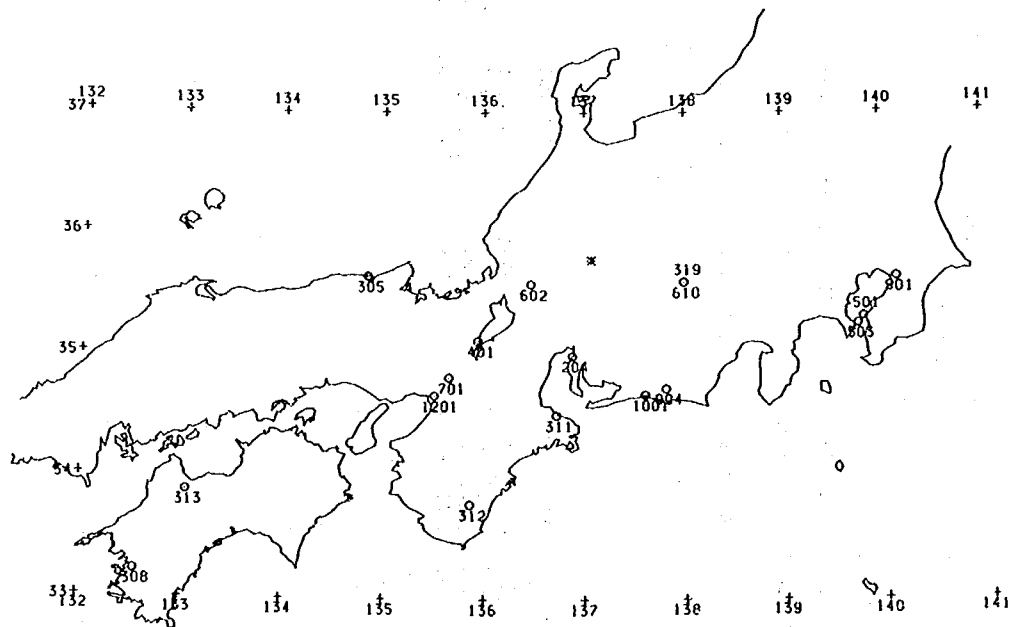


Figure 9. Accelerometers Worked during Earthquake Number 69032

Table 3-10. Index of Accelerometer Worked during Earthquake
Number 69037.

28

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69037	MIDDLE OF CHIBA-PREF	1969.10.03,21.03	140 3 0 ⁺⁺	35 18 0 ⁺⁺	40.0	4.5
STATION NO.	INSTRUMENTS	SEQUE. NO.	HORI.A	VERTICAL	HORI.B (GAL)	
501	GR-1	46	17.5	0.0	15.0	
901	GR-1	41	15.0	5.0	19.0	

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M INSTALLED	TYPE	MACHINE NO.	DS.(KM)
501	TOKYO BAY(FUTTU CAPE)	GR-1	139 48 18	35 18 32	651000	SMAC-B2	38558	21.9
901	P.W.R.I. CHIBA BRANCH	GR-1	140 8 36	35 37 57	670300	SMAC-B2	70153	37.8
901	P.W.R.I. CHIBA BRANCH	GR-2	140 8 36	35 37 57	730300	SMAC-Q	10002	37.8
901	P.W.R.I. CHIBA BRANCH	GR-3	140 8 36	35 37 57	730300	SMAC-B2	38561	37.8

69037 MIDDLE OF CHIBA-PREF

STATION NAME OF STRUCTURE	RECORD NUMBER	MAX. AMPLITUDE (GALS)	EARTHQUAKE		TIME AND DATE
			HORI. A	VERTICAL	
TOKYO BAY (FUTTU CAPE)	501 GR-1 46	17.5	0.0	15.0	1969.10.03.21.03
P.W.R.I. CHIBA BRANCH	901 GR-1 41	15.0	5.0	19.0	

LOCATION OF
EPICENTER
LO= 140 3
LA= 35 18
DEPTH, MAGNITUDE
40.0 KM, M= 4.5
(* E.O. CENTER)

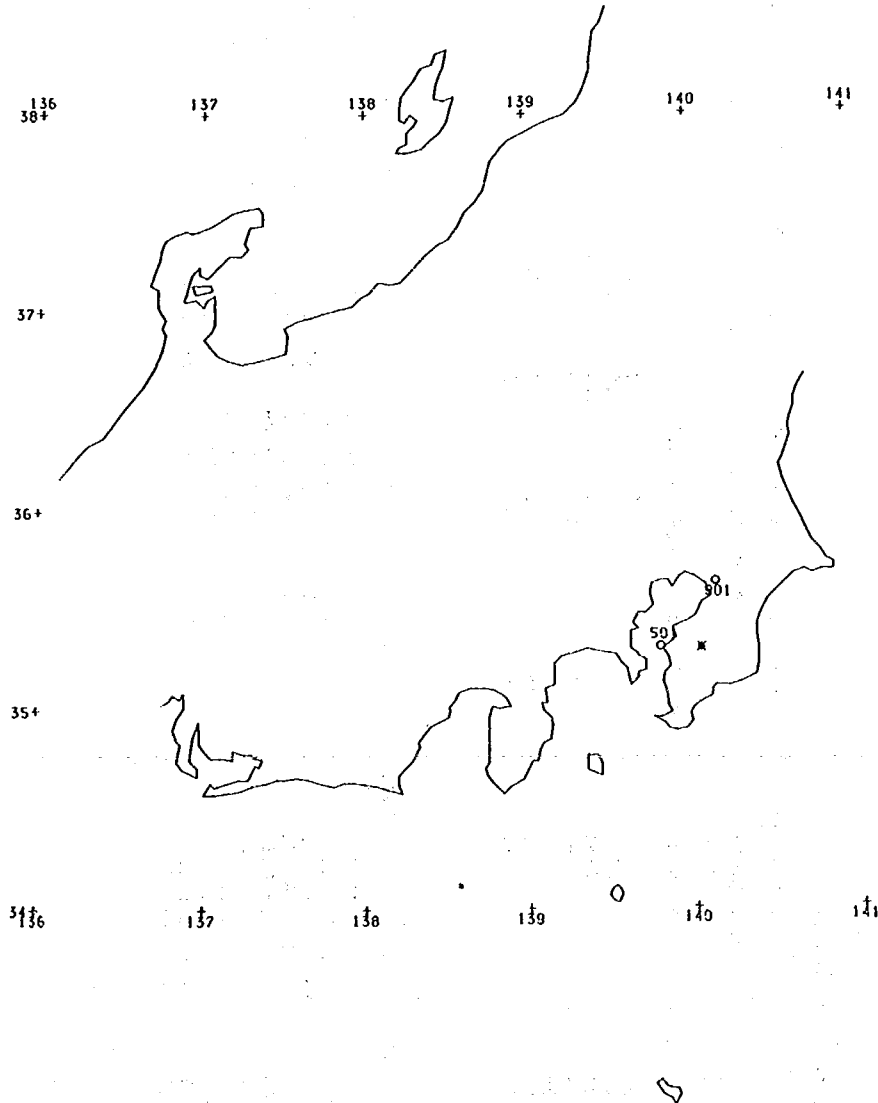


Figure 10. Accelerometers Worked during Earthquake Number 68090

Table 3-11. Index of Accelerometer Worked during Earthquake Number 69039

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69039	S OF IWATE-PREF	1969.10.18,10.14	141 39 0 ⁺⁺	39 13 0 ⁺⁺	130.0	5.8
STATION NO.	INSTRUMENTS	SEQUE. NO.	HORI.A	VERTICAL	HORI.B (GAL)	
301	GR-1	5	0.0	0.0	0.0	
302	PI-1	26	50.0	7.5	17.5	
303	GR-1	13	0.0	0.0	0.0	
304	GR-1	20	10.0	0.0	7.5	
304	PI-1	27	5.0	0.0	16.0	
907	GR-1	36	12.5	7.5	7.5	
907	AB-1	9	10.0	2.5	5.0	

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M. INSTALLED	TYPE	MACHINE NO.	DS.(KM)
301	YUHEI BRIDGE	GR-1	140 29 42	39 17 12	661200	SMAC-B2	38581	103.4
301	YUHEI BRIDGE	PI-1	140 28 45	39 12 47	661200	SMAC-B2	38582	104.5
302	KAIHOKU BRIDGE	GR-1	141 18 32	38 26 43	660300	SMAC-B2	38576	90.8
302	KAIHOKU BRIDGE	PI-1	141 19 22	38 26 41	660300	SMAC-B2	38575	90.4
303	KAHOKU BRIDGE	GR-1	140 19 24	38 26 17	650300	SMAC-B2	38530	146.6
303	KAHOKU BRIDGE	PI-1	140 19 24	38 26 17	650300	SMAC-B2	38529	146.6
304	DATE BRIDGE	GR-1	140 30 54	37 49 2	651010	SMAC-B2	38562	185.3
304	DATE BRIDGE	PI-1	140 37 0	37 48 54	651010	SMAC-B2	38561	180.7
907	TAIRA BRIDGE	GR-1	140 54 28	37 3 13	680118	SMAC-B2	140215	248.8
907	TAIRA BRIDGE	AB-1	140 54 49	37 3 7	680118	SMAC-B2	140203	248.9

STATION NAME OF STRUCTURE	RECORD NUMBER	MAX. AMPLITUDE (GALS)			EARTHQUAKE TIME AND DATE
		HORI. A	VERTICAL	HORI. B	
YUHEI BRIDGE	301 GR-1 5	0.0	0.0	0.0	1969.10.18.10.14
KAIHOKU BRIDGE	302 PI-1 26	50.0	7.5	17.5	
KAIHOKU BRIDGE	303 GR-1 13	0.0	0.0	0.0	
DATE BRIDGE	304 GR-1 20	10.0	0.0	7.5	
DATE BRIDGE	304 PI-1 27	5.0	0.0	16.0	LOCATION OF EPICENTER LO= 141 39 LA= 39 13
TAIRA BRIDGE	907 GR-1 36	12.5	7.5	7.5	
TAIRA BRIDGE	907 AB-1 9	10.0	2.5	5.0	
					DEPTH, MAGNITUDE 130.0 KM, M= 5.8
					(* E.O. CENTER)

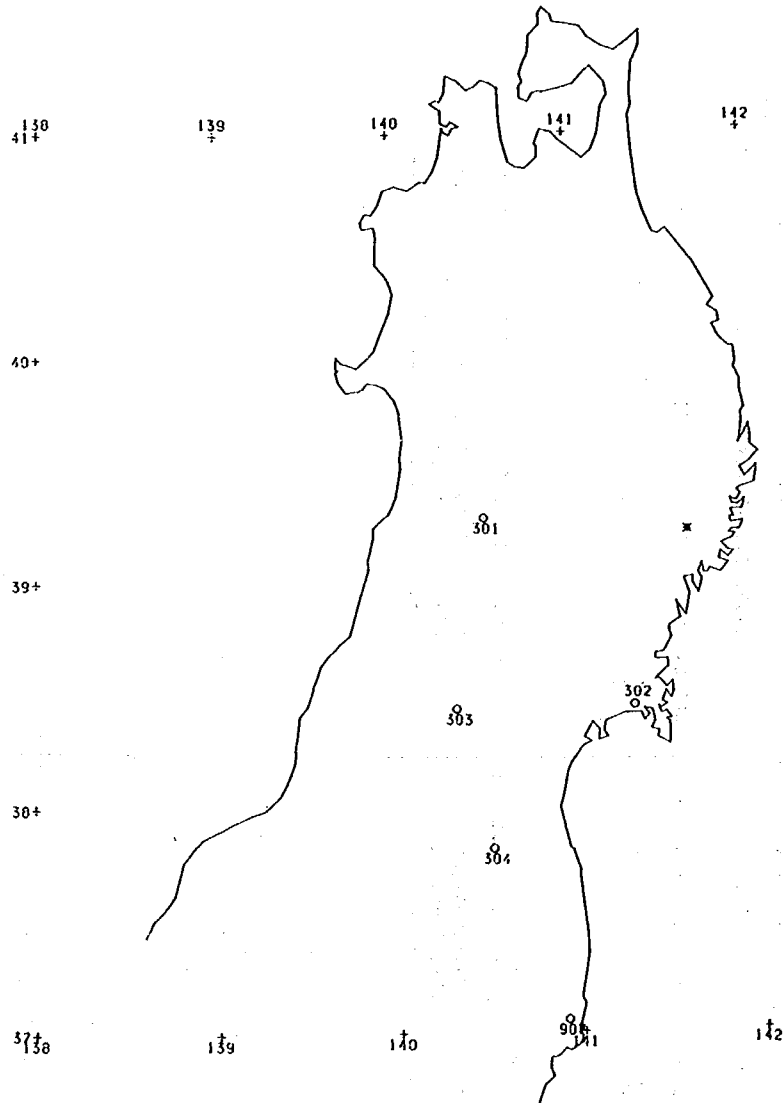


Figure 11. Accelerometers Worked during Earthquake Number 69039

Table 3-12. Index of Accelerometer Worked during Earthquake
Number 69047

32

LIST OF EARTHQUAKE ORIGINS

E.Q. NO.	EPICENTRAL REGION	EARTHQUAKE TIME AND DAY	LONGITUDE	LATITUDE	DEPTH(KM)	MAGNITUDE
69047	NEAR MATSUSHIRO	1969.12.03.21.19	138 10 0 ⁺⁻	36 30 0 ⁺⁻	10.0	4.4

STATION NO.	INSTRUMENTS	SEQUE. NO.	HORI.A	VERTICAL	HORI.B (GAL)
905	GR-1	265	70.0	10.0	14.0
905	PI-1	423	52.5	14.0	14.0

STATION NO.	NAME OF STRUCTURE	INSTRUMENTS	LONGITUDE	LATITUDE	Y.M. INSTALLED	TYPE	MACHINE NO.	DS.(KM)
905	OCHIAI BRIDGE	GR-1	138 13 25	36 38 38	651210	SMAC-B2	37896	16.7
905	OCHIAI BRIDGE	GR-2	138 14 27	36 37 8	651210	SMAC-B2	38587	14.8
905	OCHIAI BRIDGE	PI-1	138 14 27	36 37 5	651210	SMAC-B2	38583	14.7

69047 NEAR MATSUSHIRO

NAME OF STRUCTURE	STATION OF STRUCTURE	RECORD NUMBER	MAX. AMPLITUDE (GALS)			EARTHQUAKE TIME AND DATE
			HORI. A	VERTICAL	HORI. B	
OCHIAI BRIDGE		905 GR-1 265	70.0	10.0	14.0	1969.12.03.21.19
OCHIAI BRIDGE		905 PI-1 423	52.5	14.0	14.0	

LOCATION OF EPICENTER
 LO= 138 10
 LA= 36 30
 DEPTH, MAGNITUDE
 10.0 KM, M= 4.4
 (* E.O. CENTER)

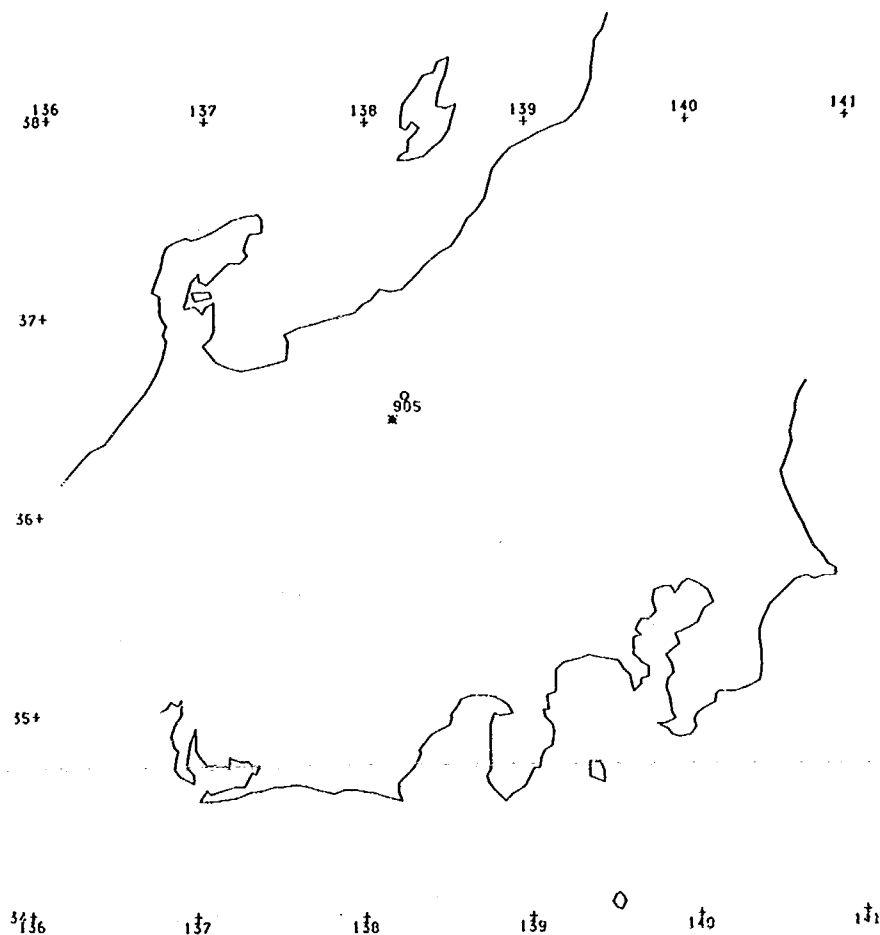


Figure 12. Accelerometers Worked during Earthquake Number 69047

5. 地震動の加速度記録

INDEX NO. の順に従い地震動加速度の波形を Figure IVA-1 ~ Figure IVA-25 に示す。図中では縦軸は加速度 (Gal), 横軸は時間 (Sec) であり, すべての図を通して同縮尺で示されている。原則として, 水平 2 成分および鉛直 1 成分を同一ページに掲載してあるが, 水平成分もしくは鉛直成分のいずれかがデジタル化されていない場合はデジタル化されている成分だけを示している。

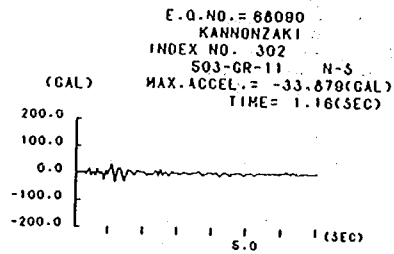
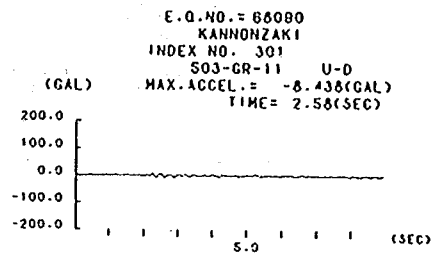
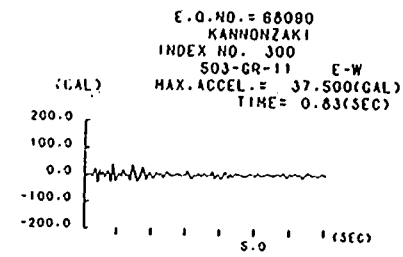


Figure IV A-1. Earthquake Motions (Index No. 300, 301 and 302)

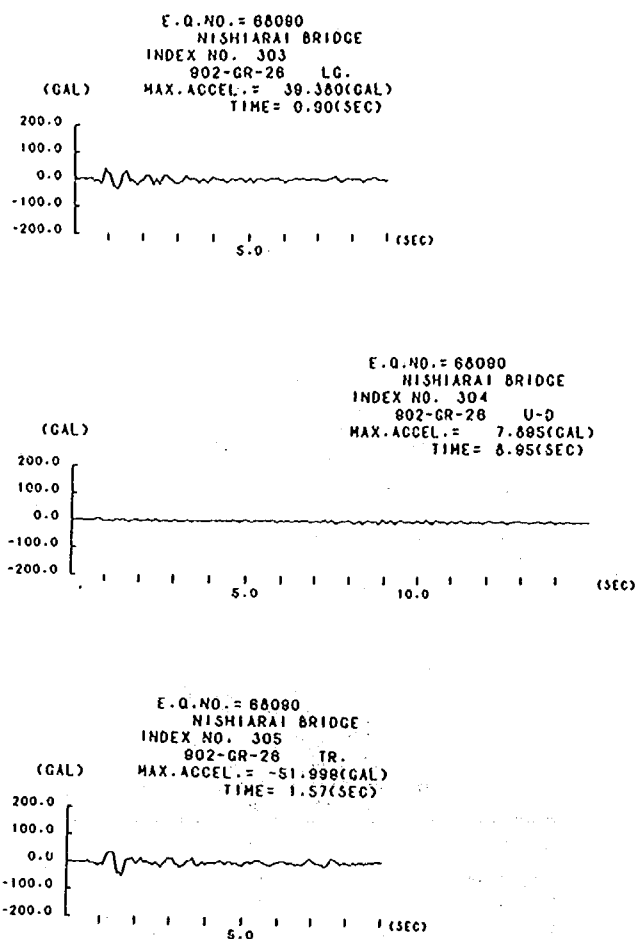


Figure IV A-2. Earthquake Motions (Index No. 303, 304 and 305)

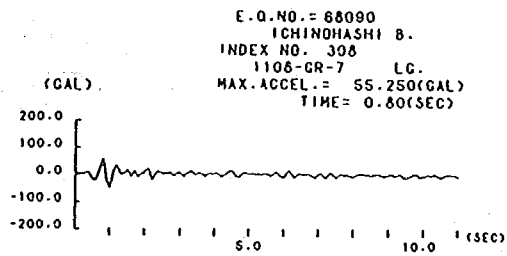
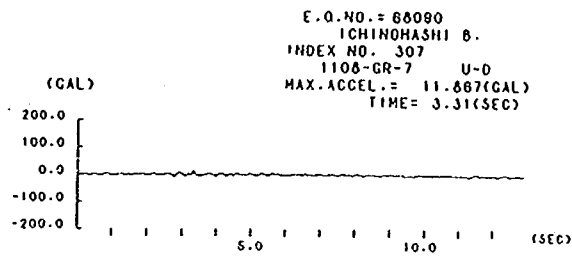
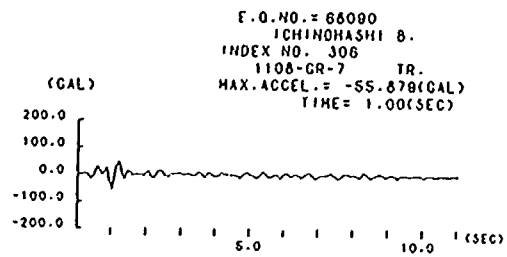


Figure IV A-3. Earthquake Motions (Index No. 306, 307 and 308)

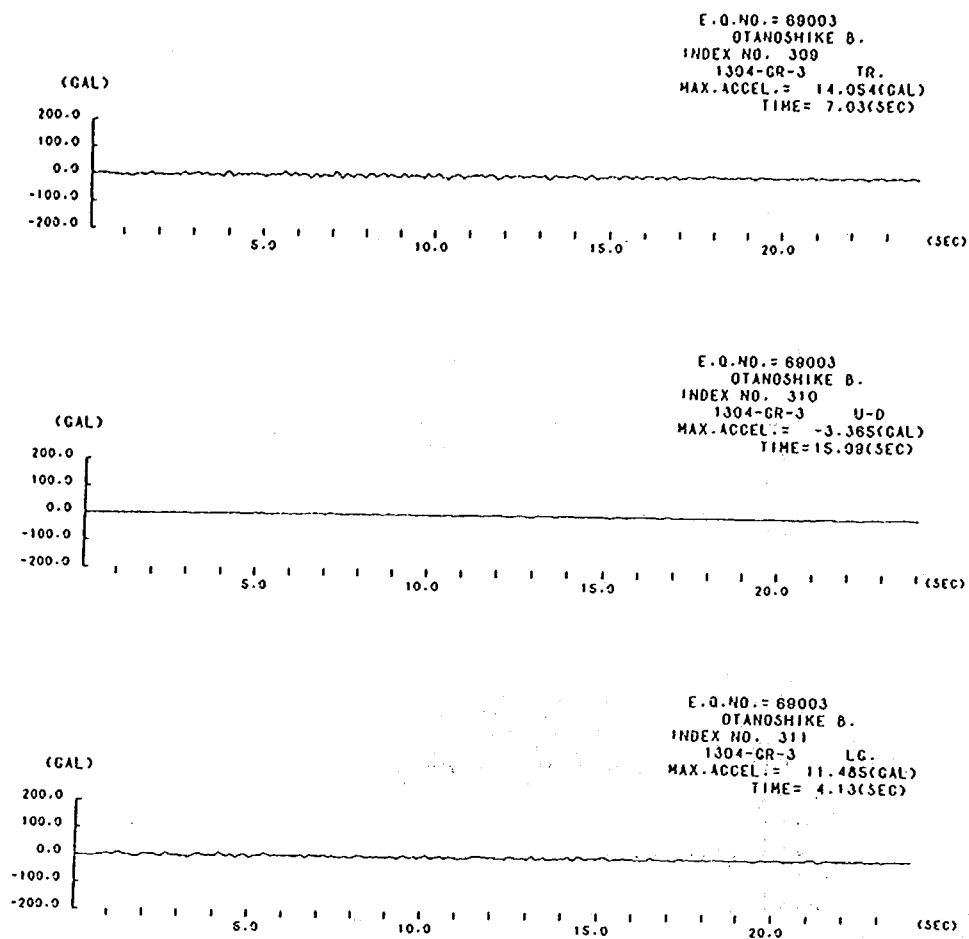


Figure IV A-4. Earthquake Motions (Index No. 309, 310 and 111)

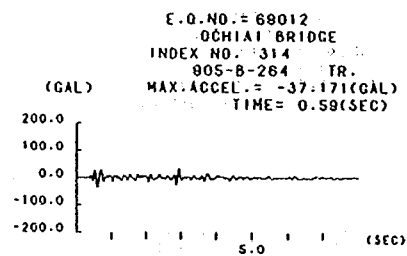
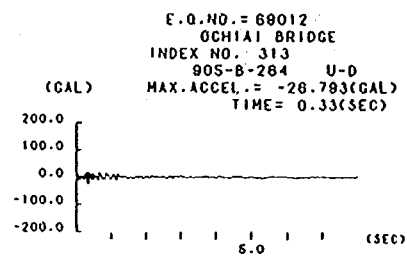
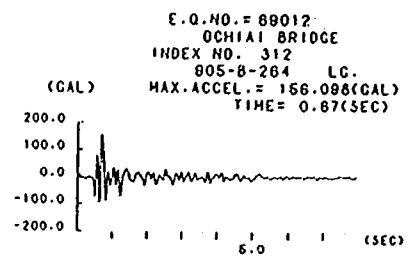


Figure IV A-5. Earthquake Motions (Index No. 312, 313 and 314)

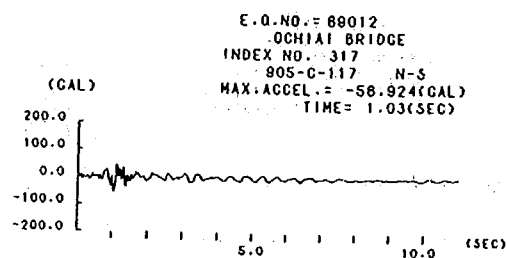
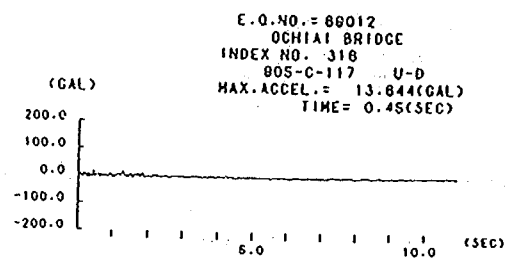
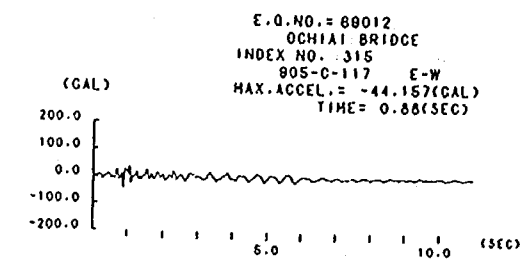


Figure IV A-6. Earthquake Motions (Index No. 315, 316 and 317)

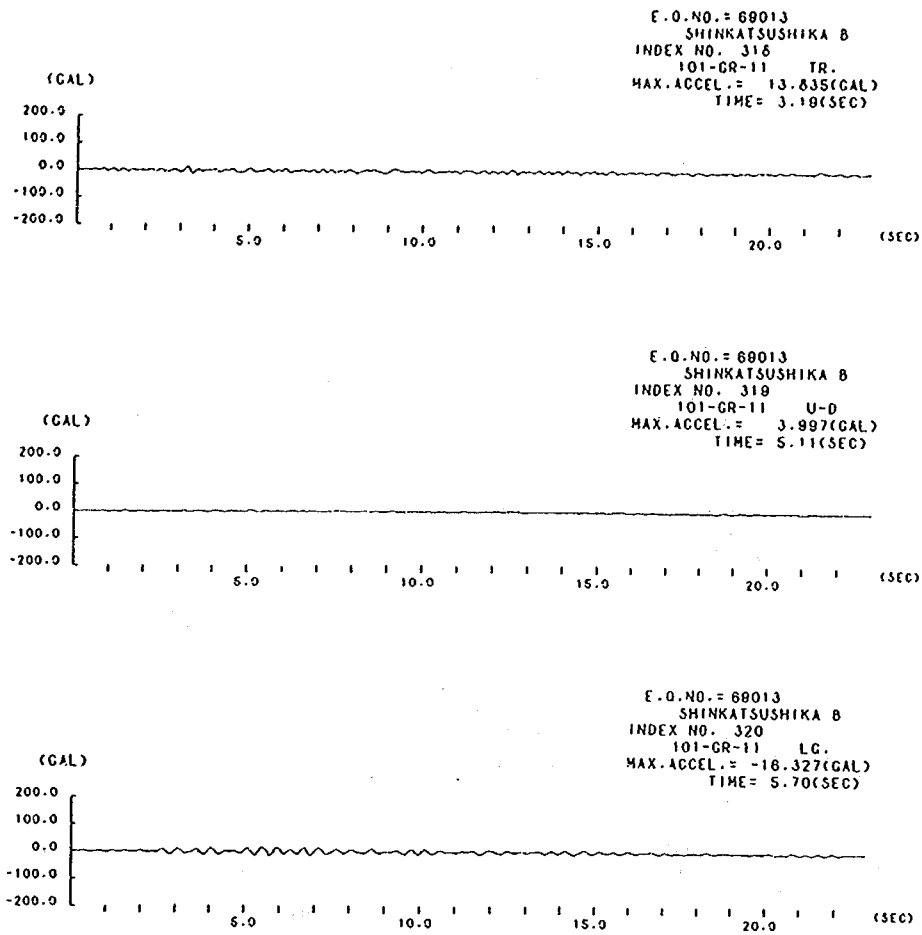


Figure IV A-7. Earthquake Motions (Index No. 318, 319 and 320)

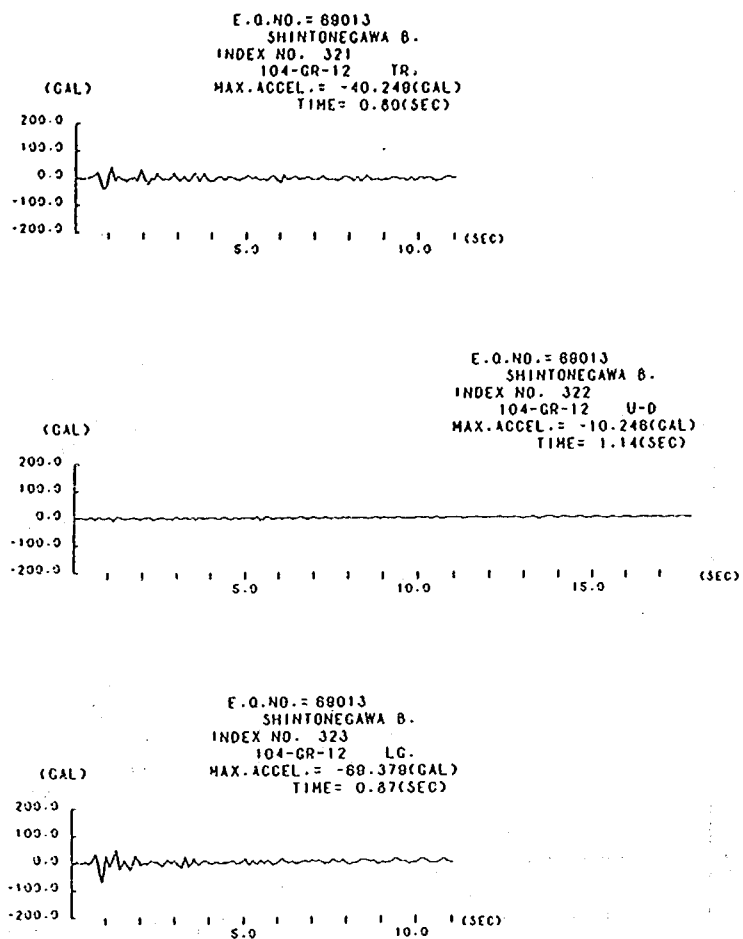
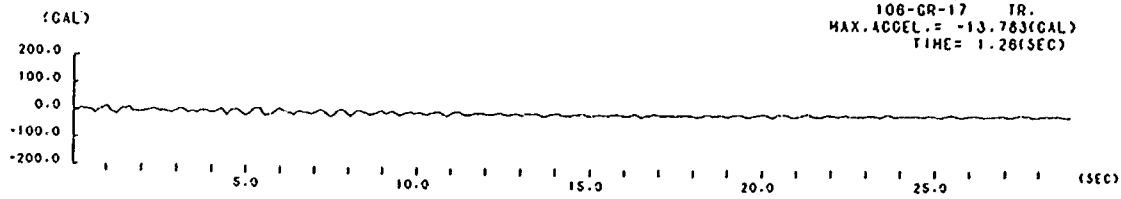
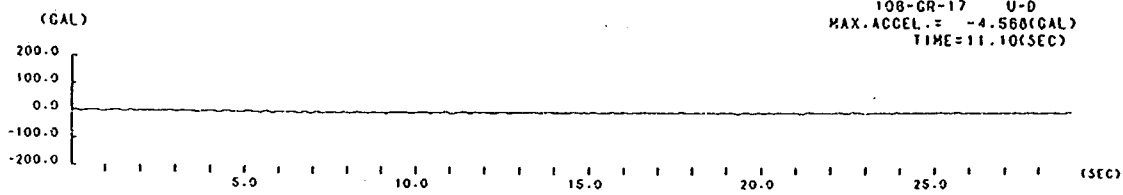


Figure IV A-8. Earthquake Motions (Index No. 321, 322 and 323)

E.O.NO.= 69013
 SOOKA BRIDGE
 INDEX NO. 324
 108-CR-17 TR.
 MAX.ACCEL.= -13.783(GAL)
 TIME= 1.26(SEC)



E.O.NO.= 69013
 SOOKA BRIDGE
 INDEX NO. 325
 108-CR-17 U-D
 MAX.ACCEL.= -4.568(GAL)
 TIME=11.10(SEC)



E.O.NO.= 69013
 SOOKA BRIDGE
 INDEX NO. 326
 108-CR-17 LC.
 MAX.ACCEL.= 9.381(GAL)
 TIME= 0.50(SEC)

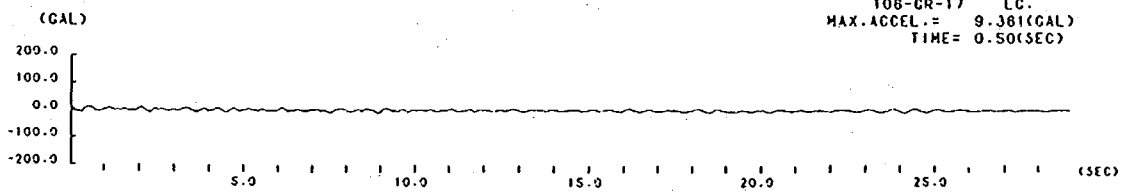


Figure IV A-9. Earthquake Motions (Index No. 324, 325 and 326)

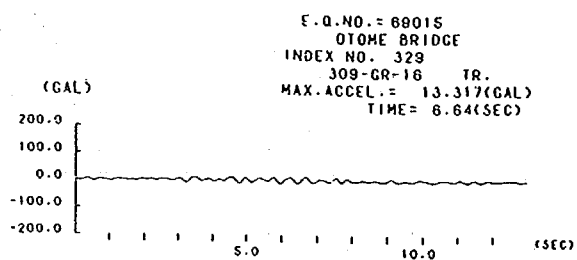
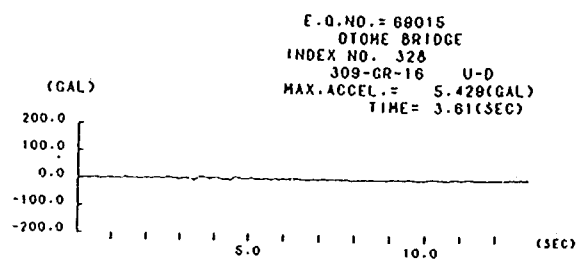
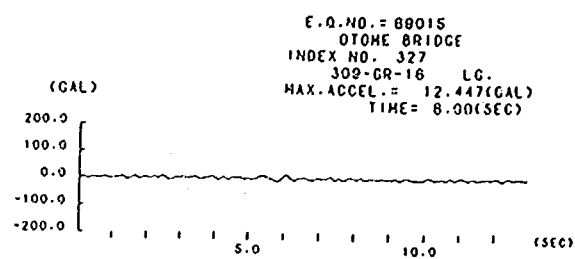


Figure IV A-10. Earthquake Motions (Index No. 327, 328 and 329)

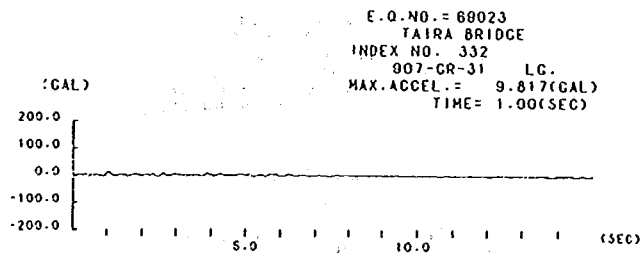
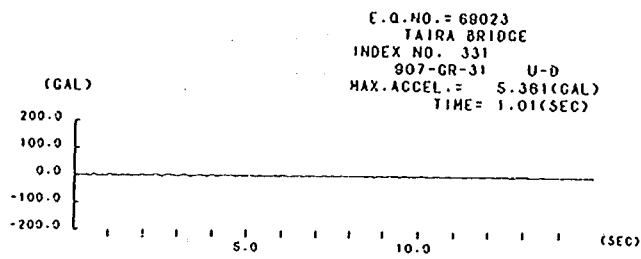
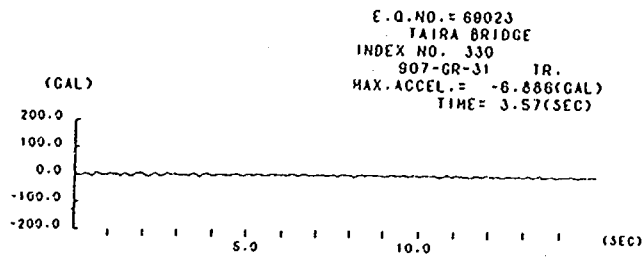


Figure IV A-11. Earthquake Motions (Index No. 330, 331 and 332)

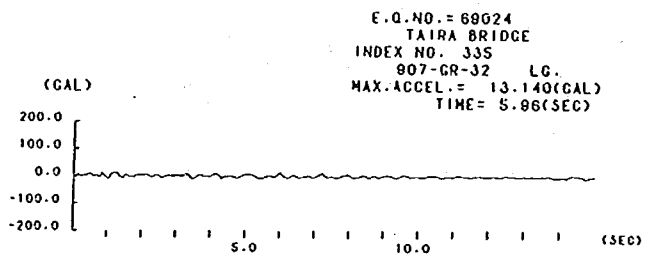
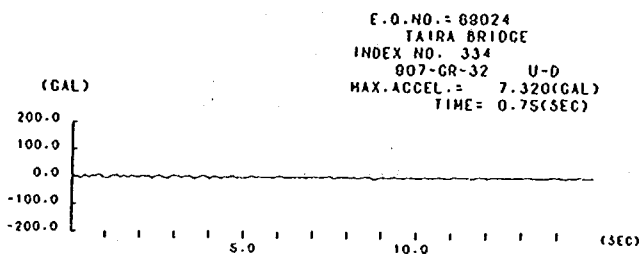
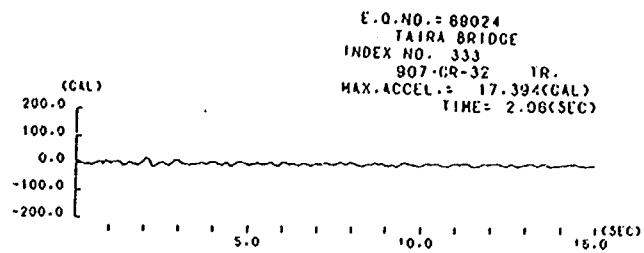


Figure IV A-12. Earthquake Motions (Index No. 333, 334 and 335)

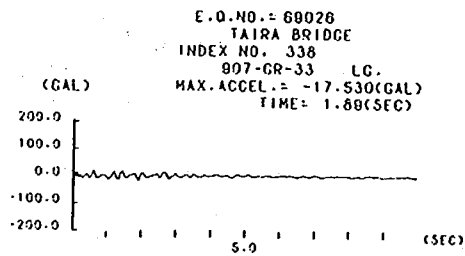
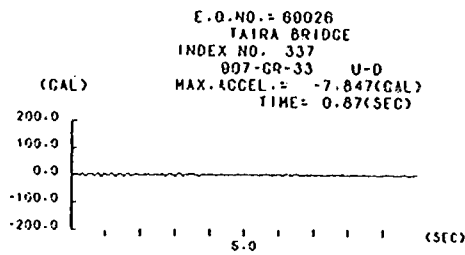
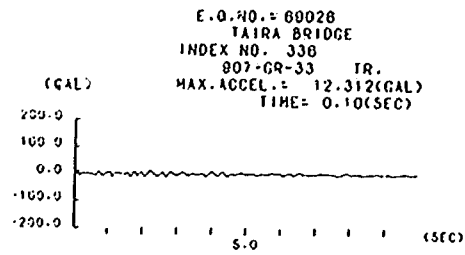


Figure IV A-13. Earthquake Motions (Index No. 336, 337 and 338)

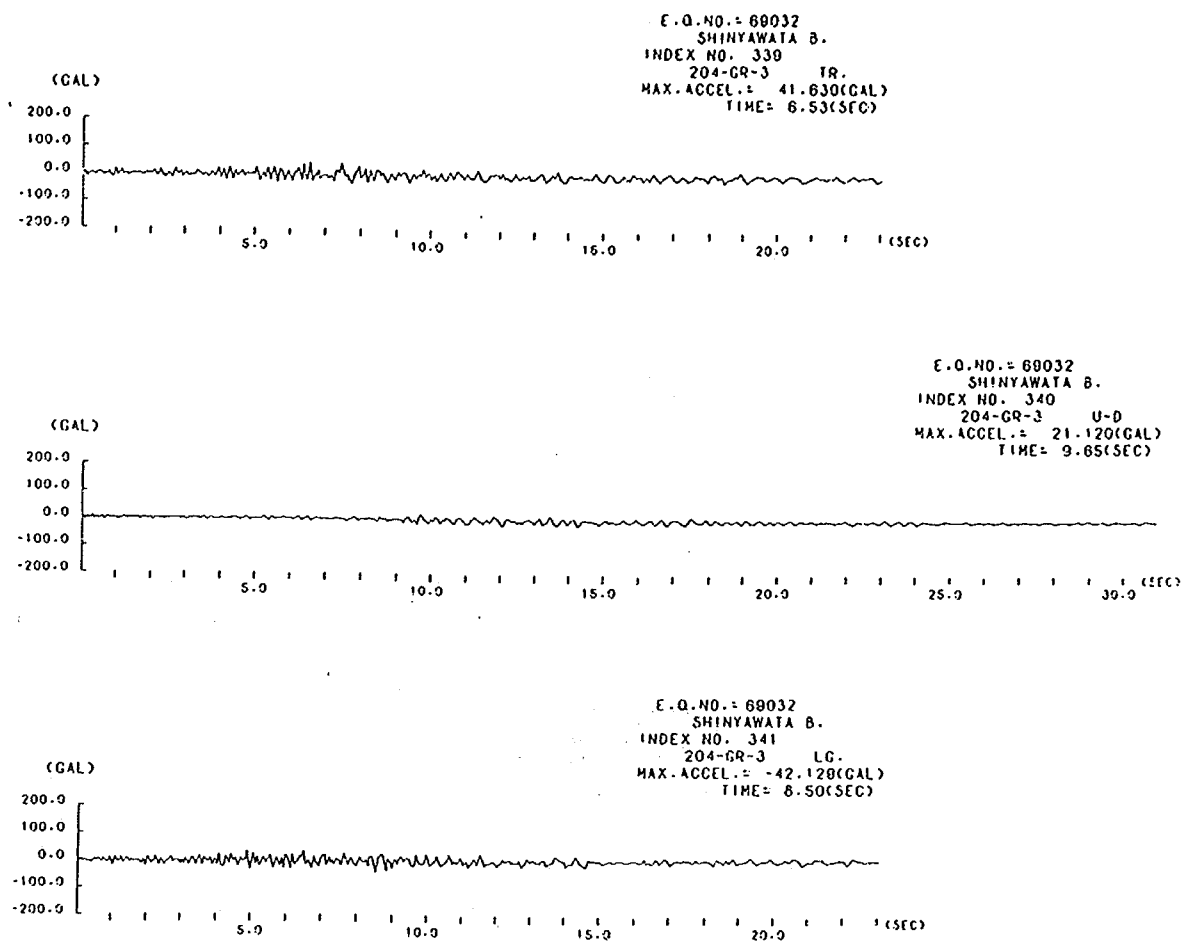


Figure IV A-14. Earthquake Motions (Index No. 339, 340 and 341)

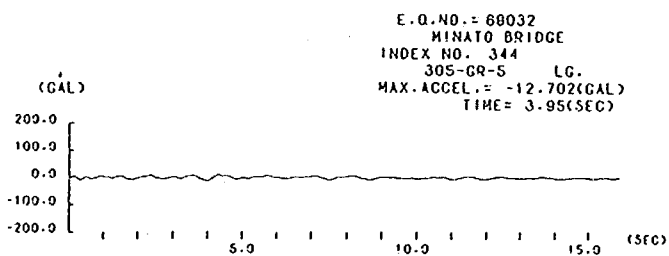
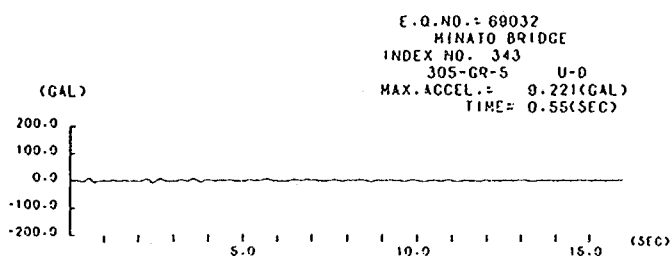
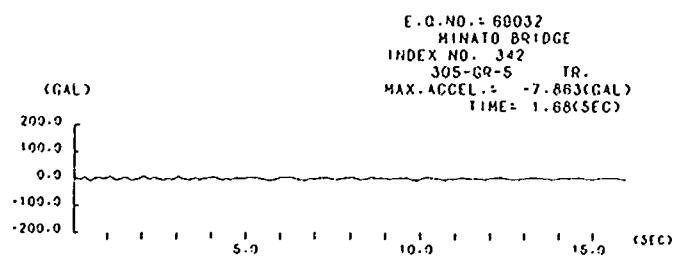


Figure IV A-15. Earthquake Motions (Index No. 342, 343 and 344)

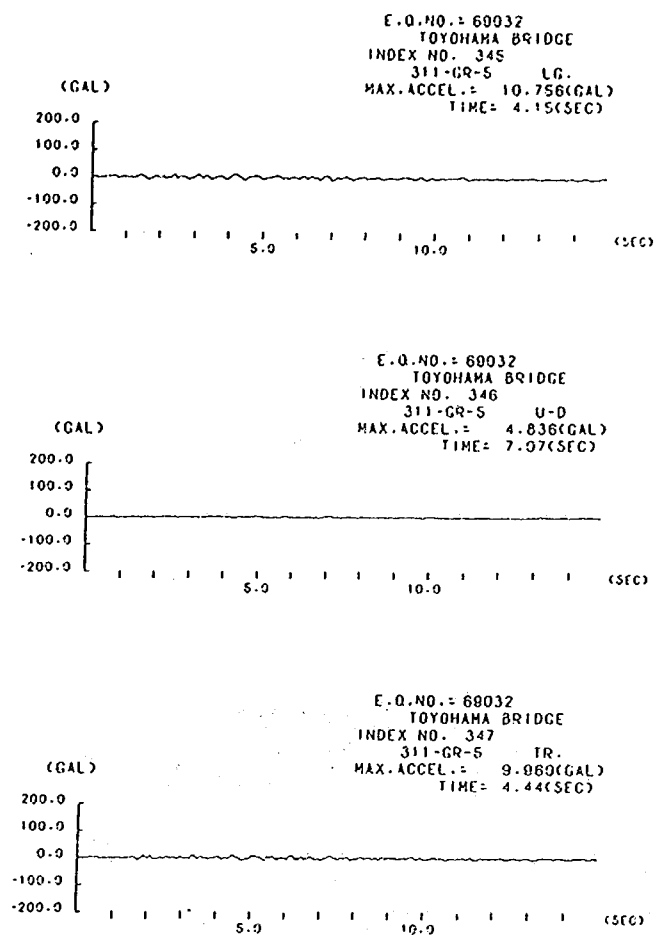


Figure IV A-16. Earthquake Motions (Index No. 345, 346 and 347)

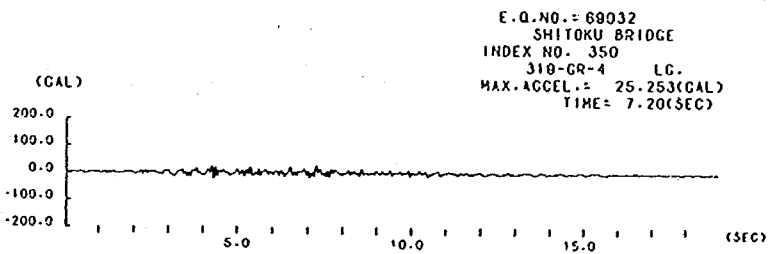
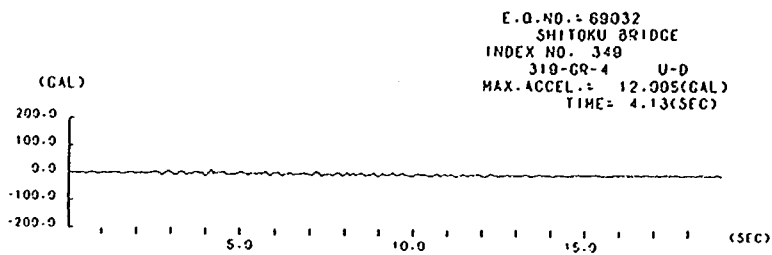
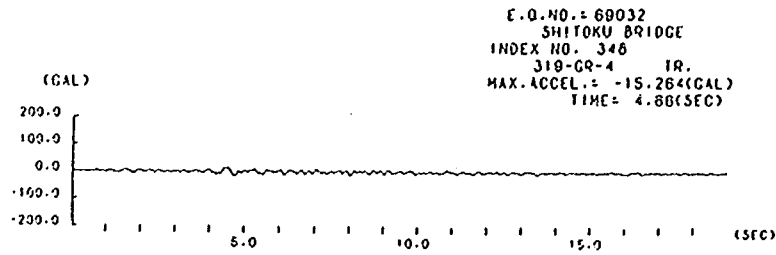


Figure IV A-17.: Earthquake Motions (Index No. 348, 349 and 350)

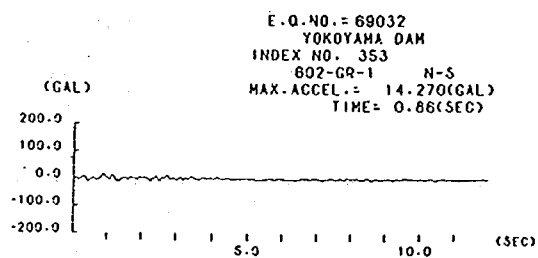
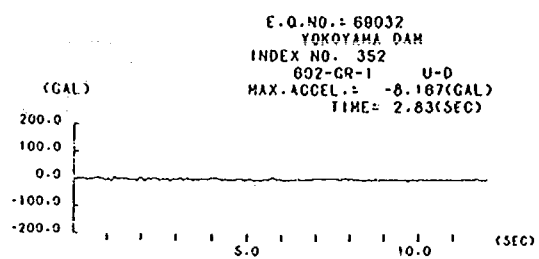
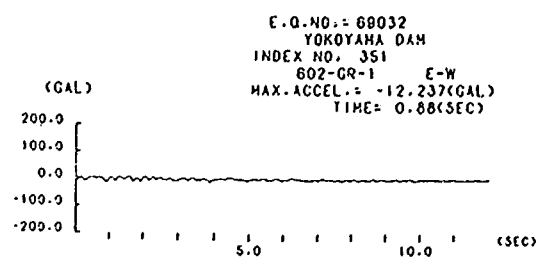


Figure IV A-18. Earthquake Motions (Index No. 351, 352 and 353)

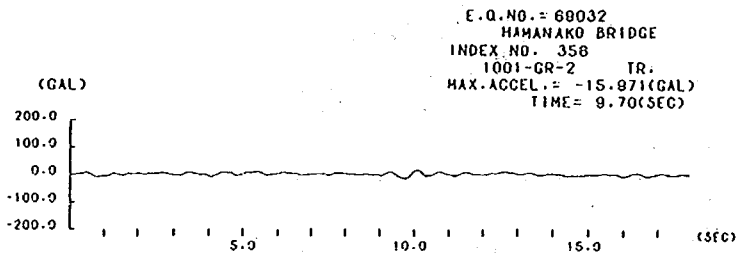
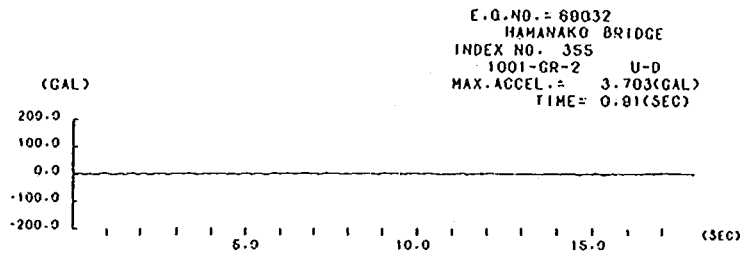
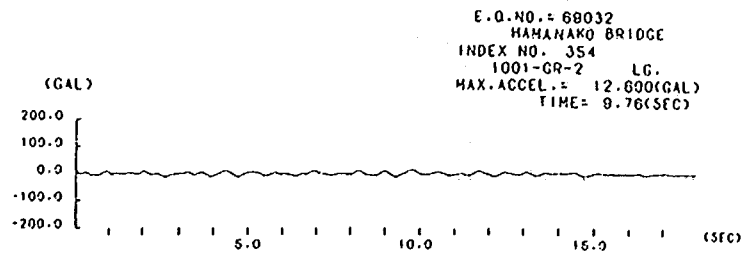


Figure IV A-19. Earthquake Motions (Index No. 354, 355 and 356)

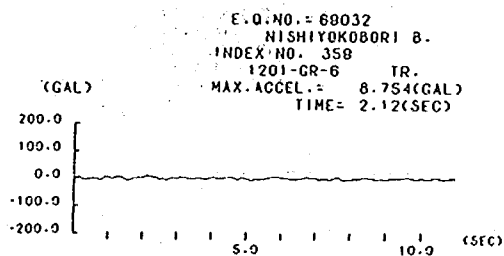
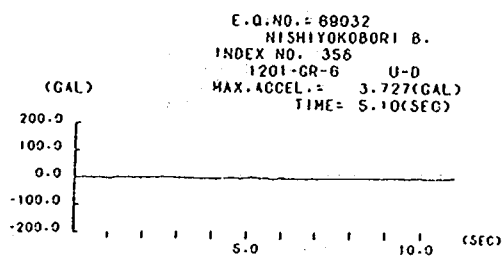
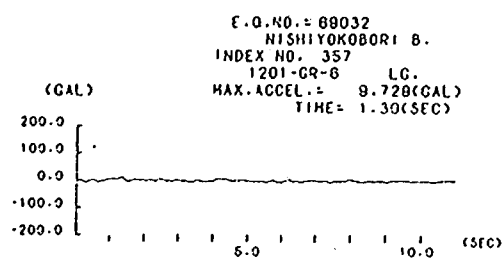


Figure IV A-20. Earthquake Motions (Index No. 357, 358 and 359)

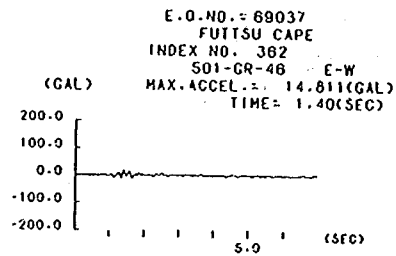
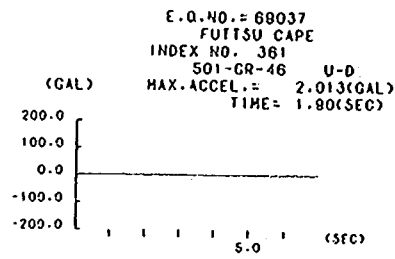
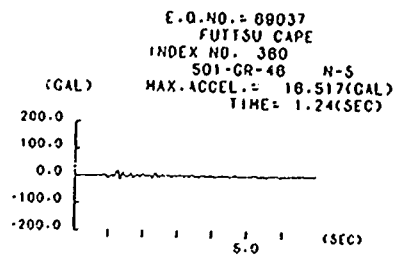


Figure IV A-21. Earthquake Motions (Index No. 360, 361 and 362)

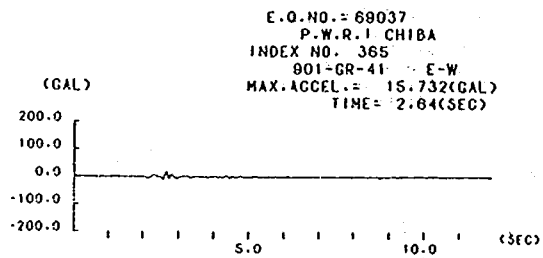
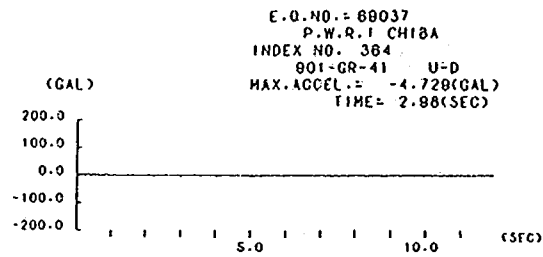
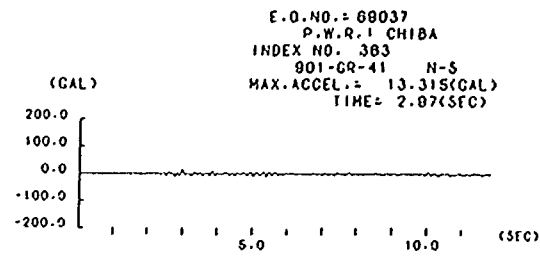


Figure IV A-22. Earthquake Motions (Index No. 363, 364 and 365)

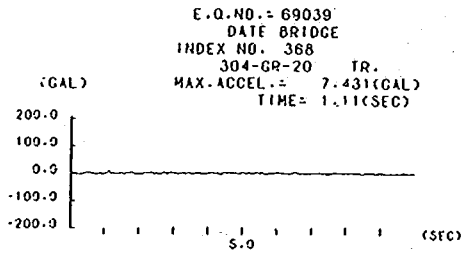
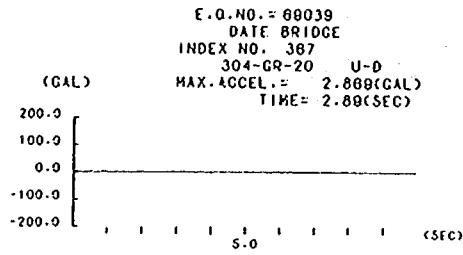
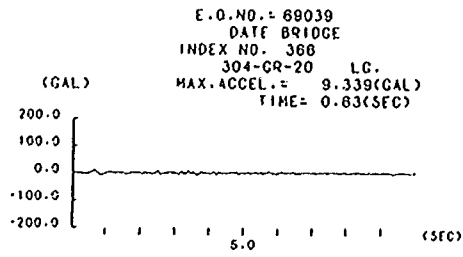


Figure IV-A-23. Earthquake Motions (Index No. 366, 367 and 368)

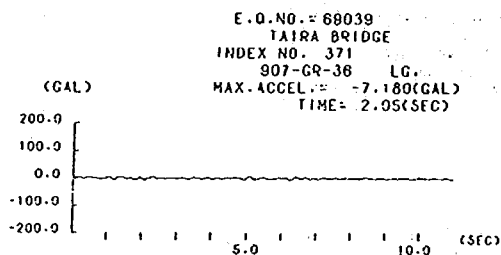
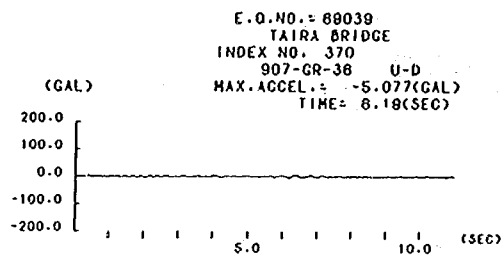
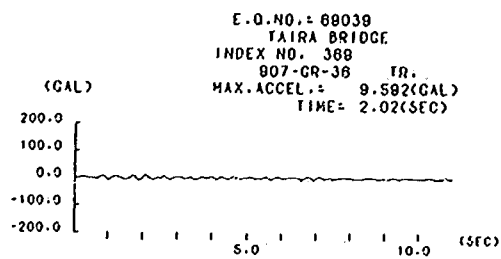


Figure IV A-24. Earthquake Motions (Index No. 369, 370 and 371)

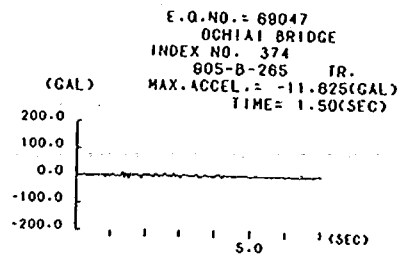
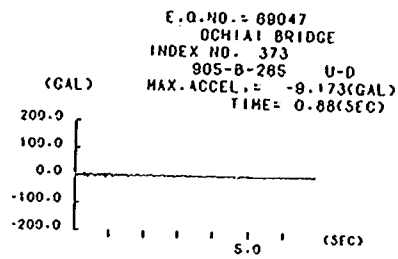
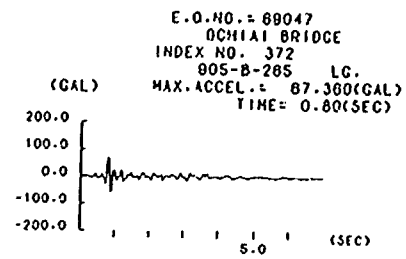


Figure IV A-25. Earthquake Motions (Index No. 372, 373 and 374)

6. 応答スペクトル

INDEX NO. の順に従い Figure IV A-1~Figure IV A-25 に示した地震動加速度の絶対加速度応答スペクトル比を Figure IV S-1~Figure IV S-25 に示す。ここで絶対加速度応答スペクトル比は、絶対加速度応答スペクトル値を入力地震動加速度の最大値で除した値として定義されており、詳細は付録 4 を参照されたい。応答スペクトルは減衰定数を 0, 0.02, 0.05, 0.1, 0.2, 0.4 の 6 種類とした場合に対して計算されており、図中の 6 本の応答スペクトル曲線のうち応答のレベルの高い方から順に対応している。

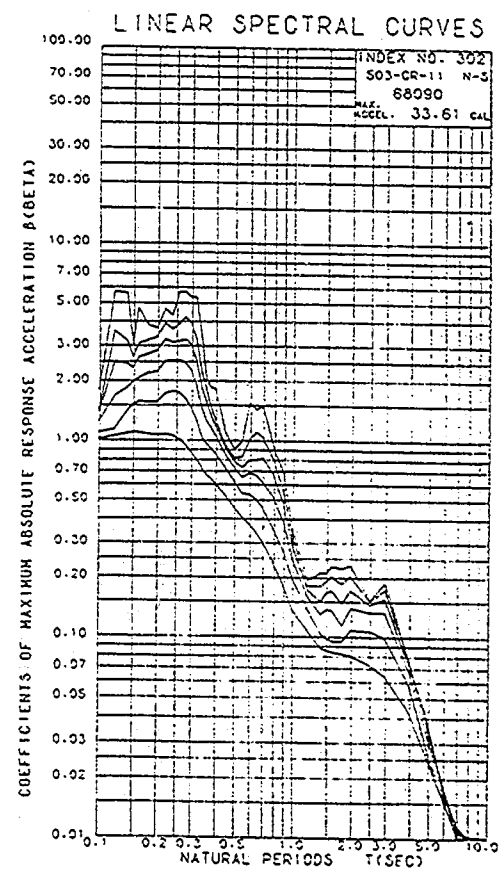
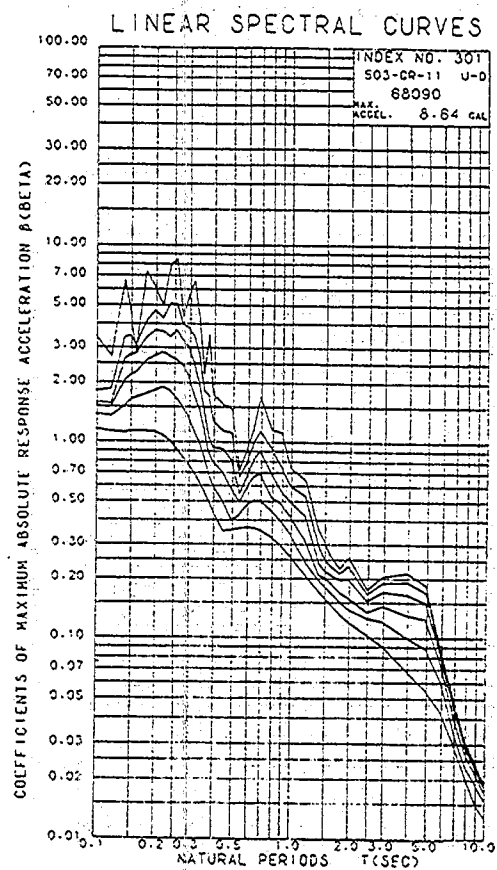
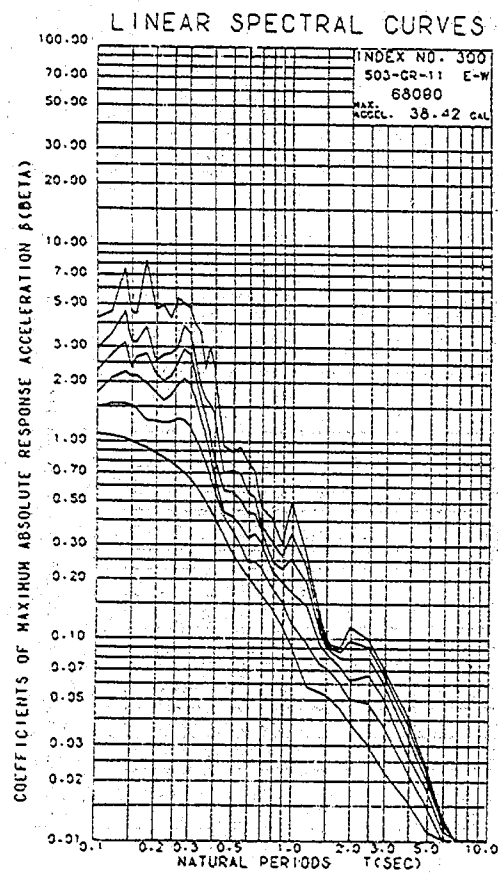


Figure IV S-1. Linear Response Spectra of Earthquake Records with Index Number 300, 301 and 302

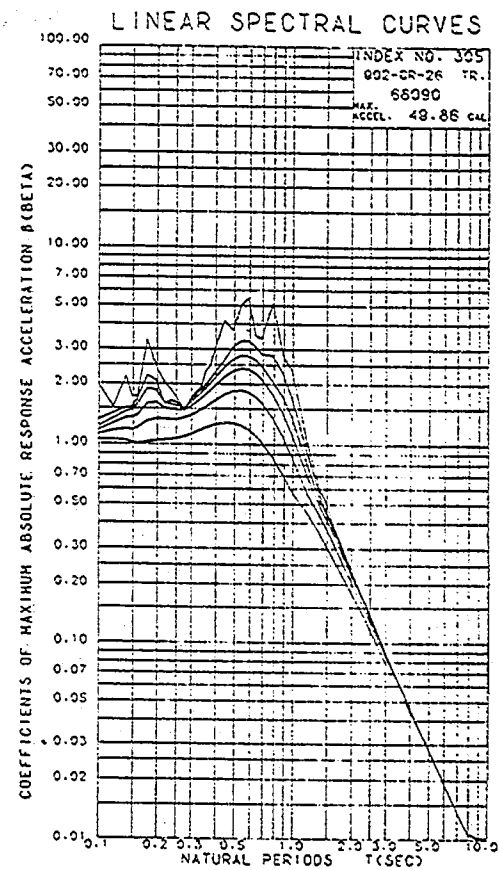
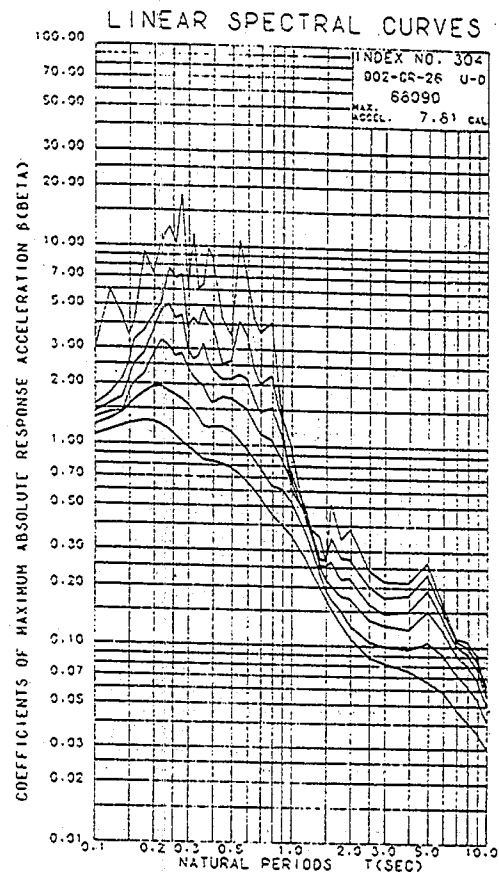
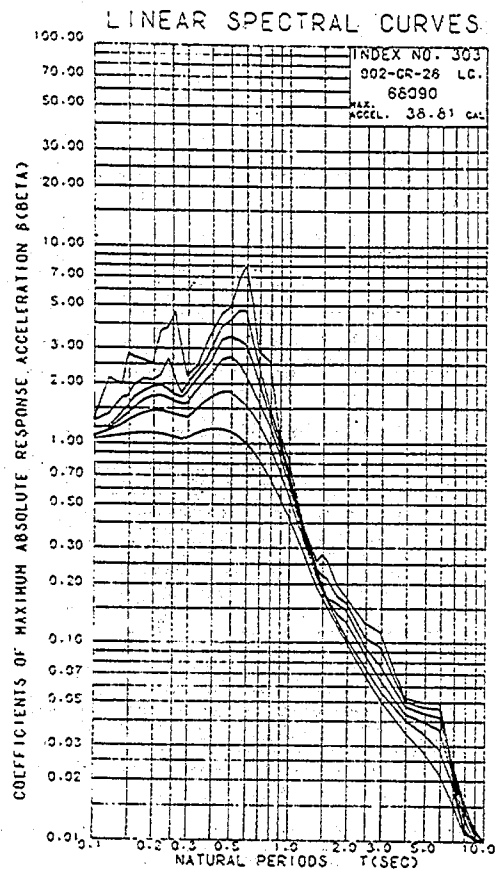


Figure IV S-2. Linear Response Spectra of Earthquake Records with Index Numbers 303, 304 and 305

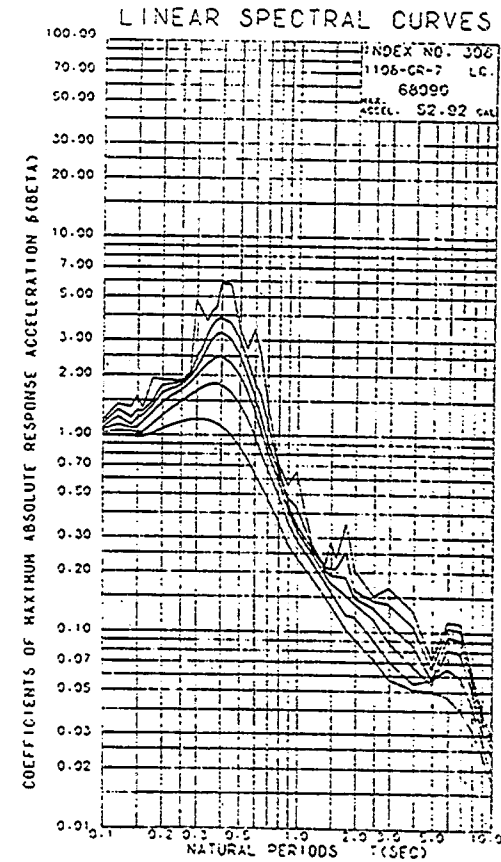
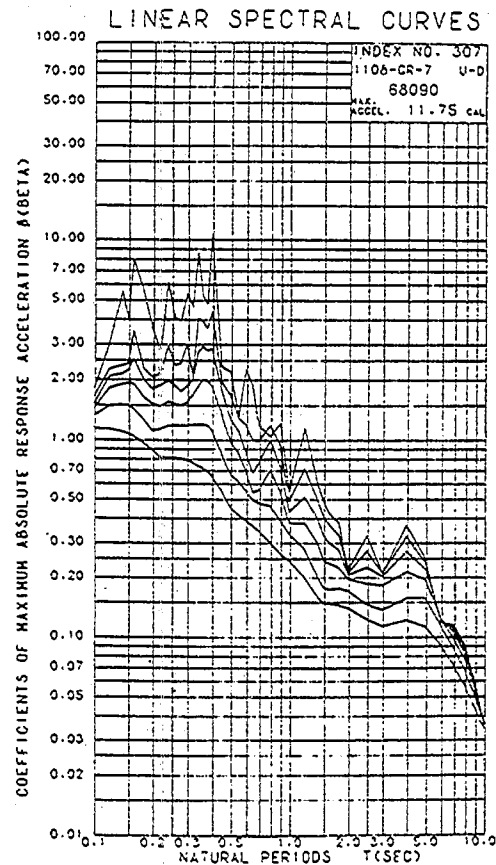
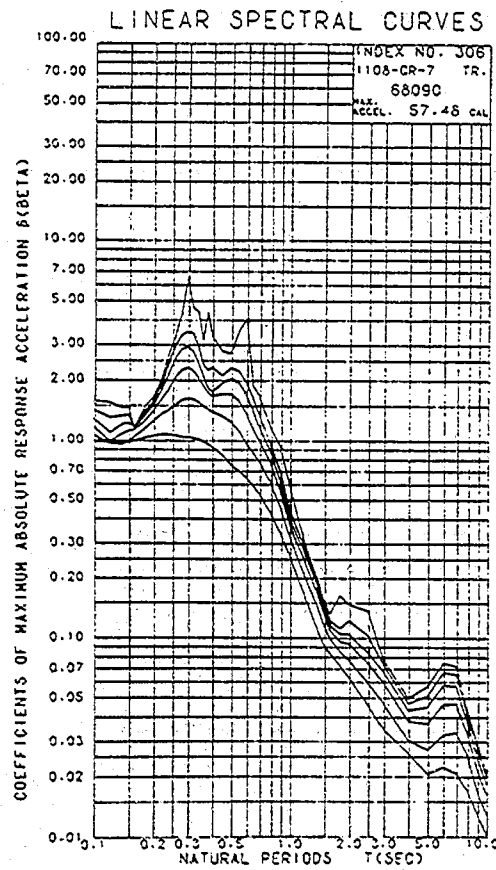


Figure IV S-3. Linear Response Spectra of Earthquake Records with Index Numbers 306, 307 and 308

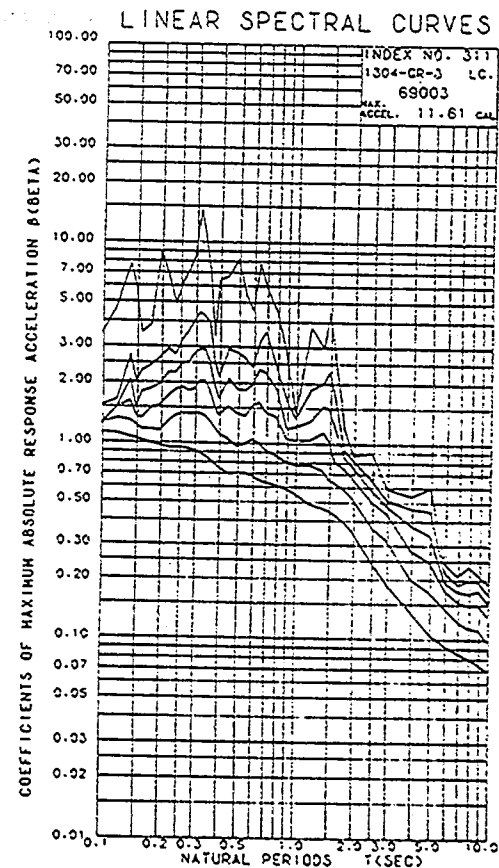
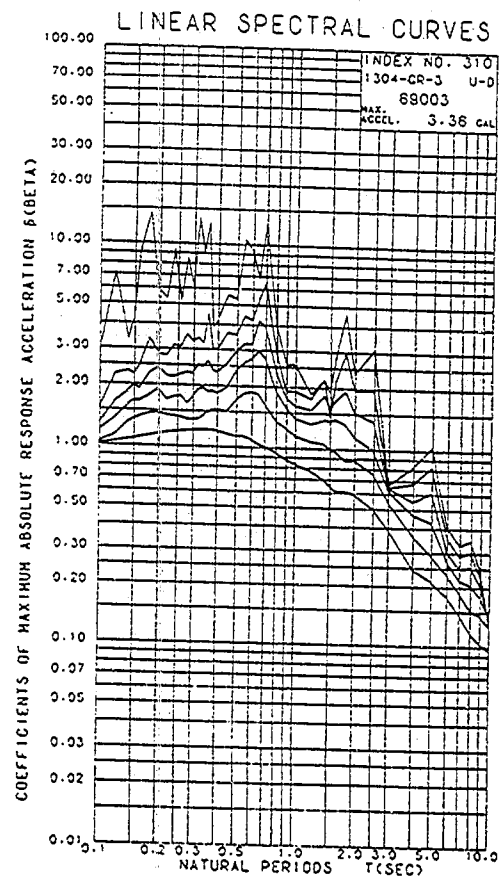
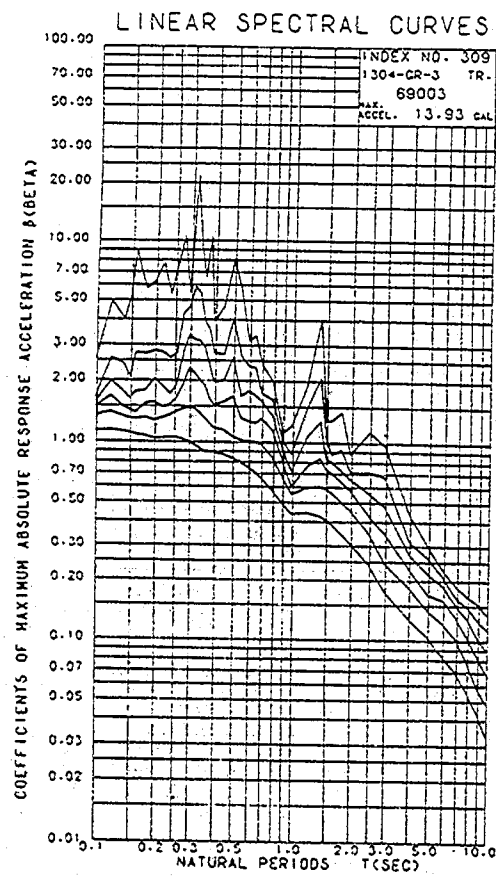


Figure IV S-4. Linear Response Spectra of Earthquake Records with Index Numbers 309, 310 and 311

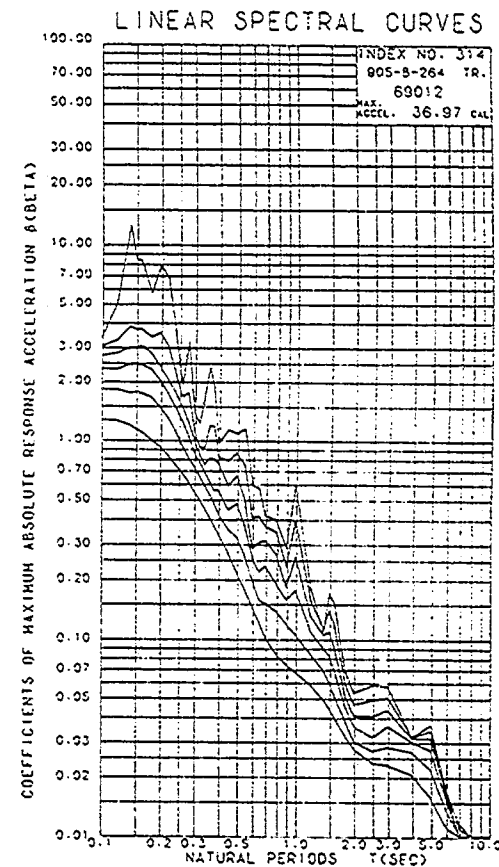
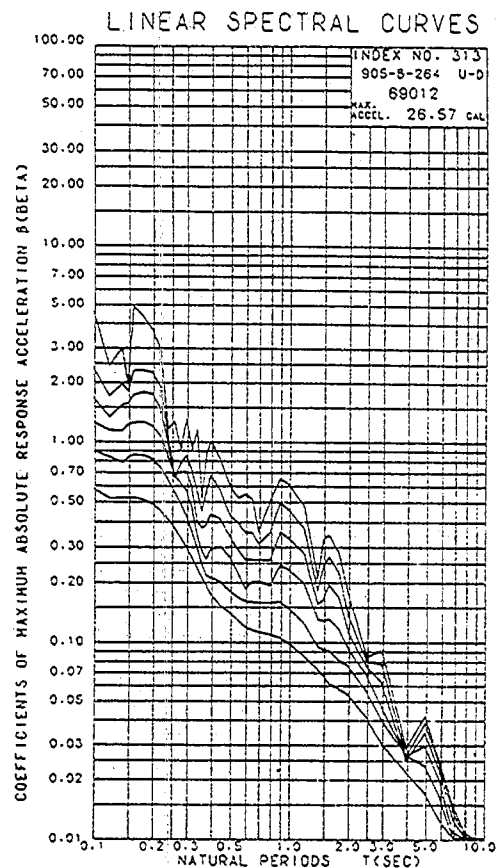
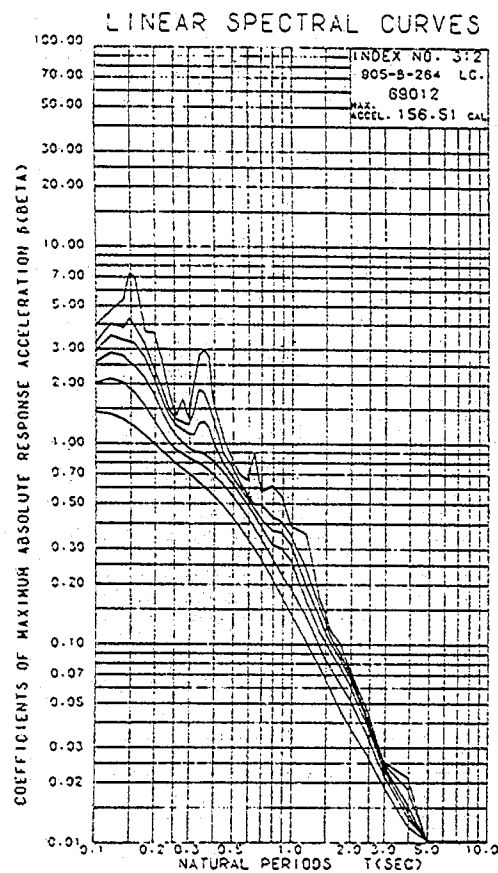


Figure IV S-5. Linear Response Spectra of Earthquake Records with Index Numbers 312, 313 and 314

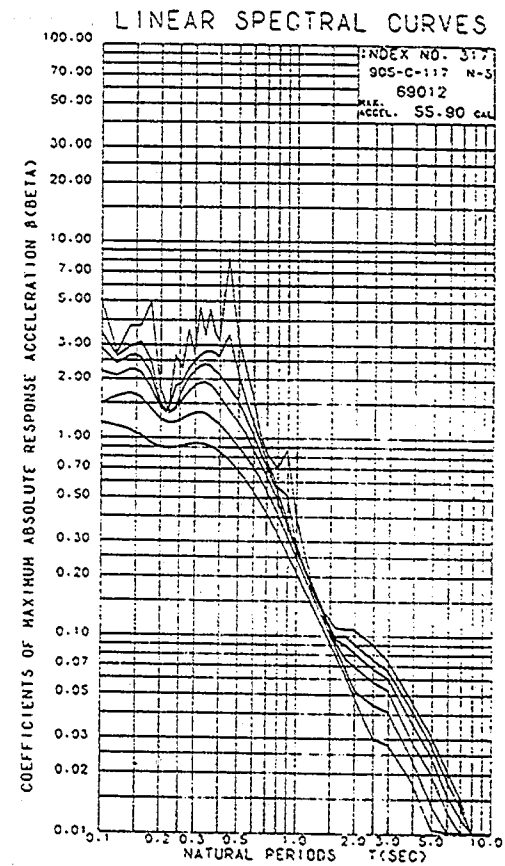
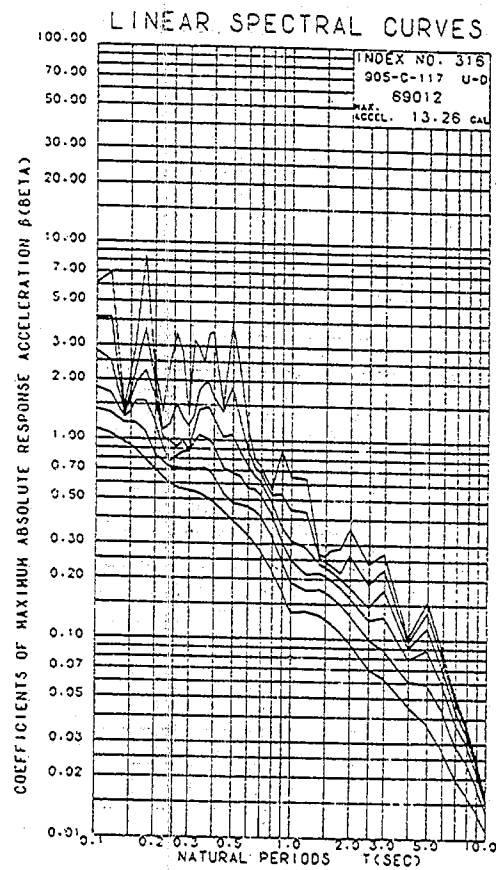
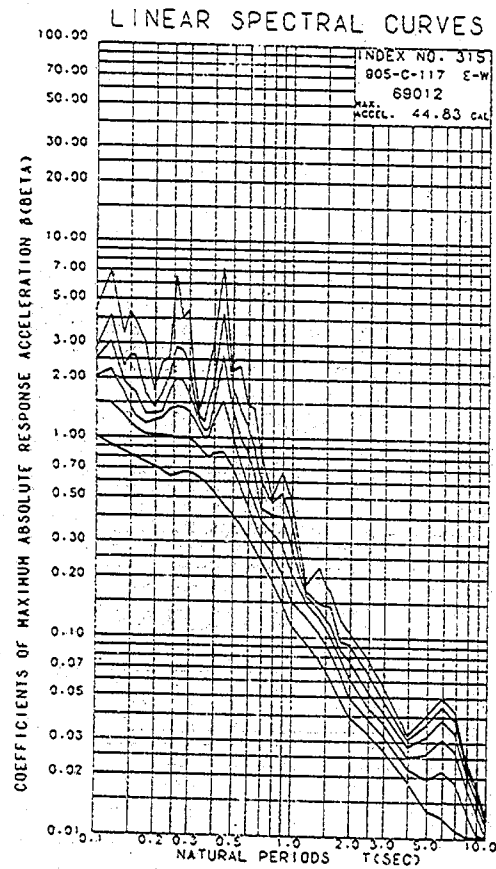


Figure IV S-6. Linear Response Spectra of Earthquake Records with Index Numbers 315, 316 and 317

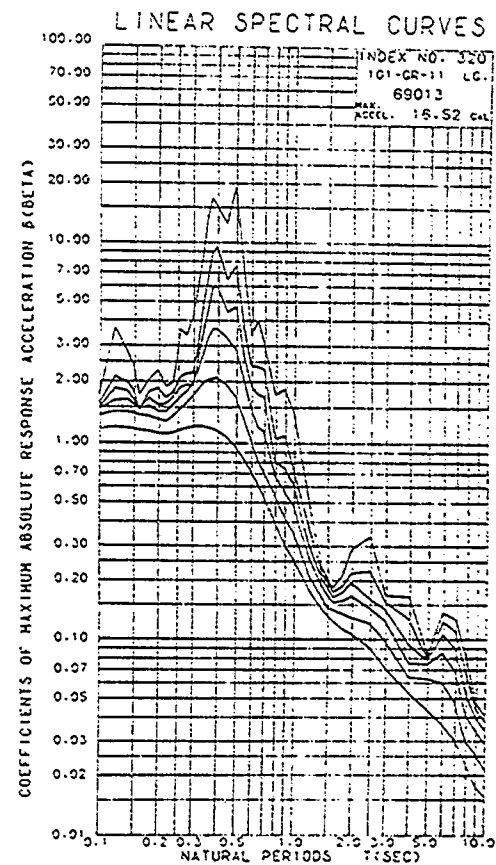
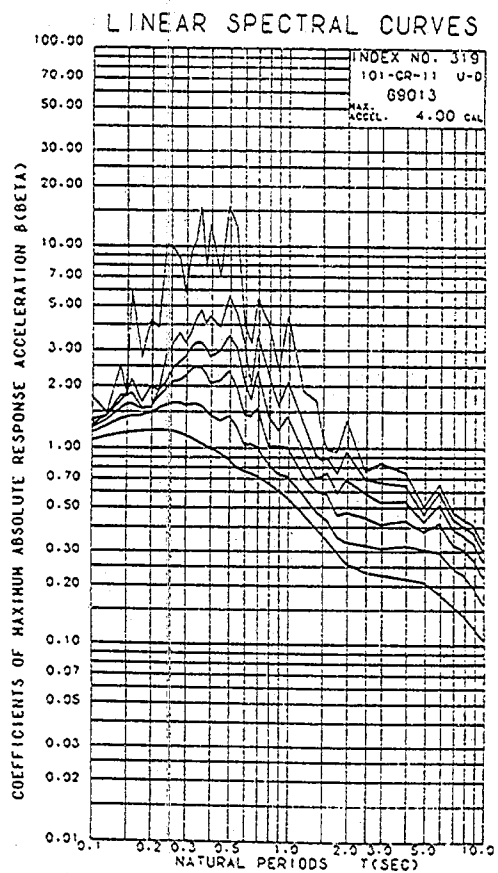
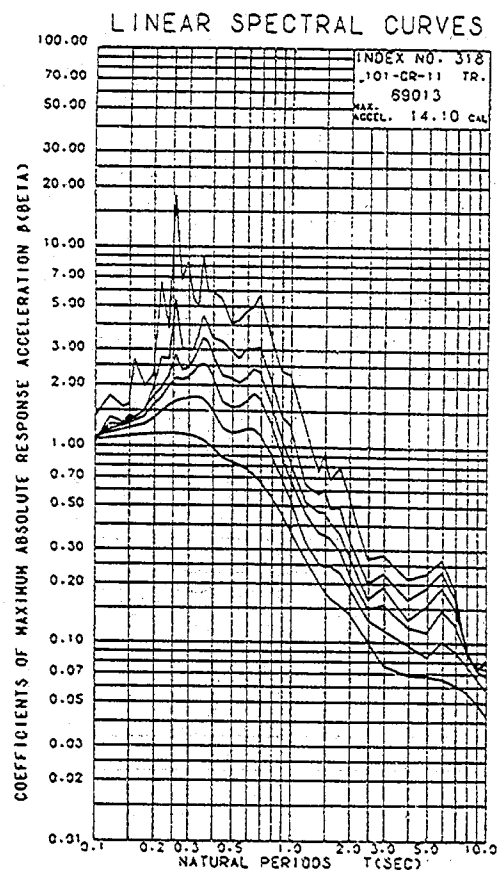


Figure IV S-7. Linear Response Spectra of Earthquake Records with Index Numbers 318, 319 and 320

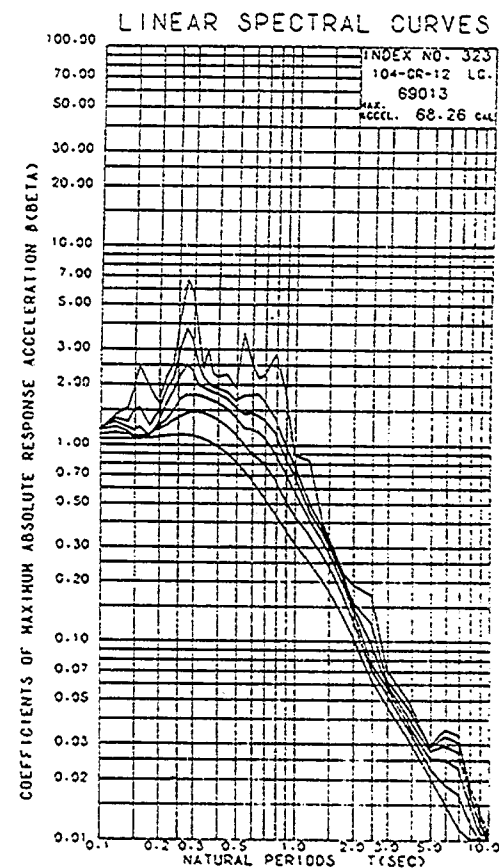
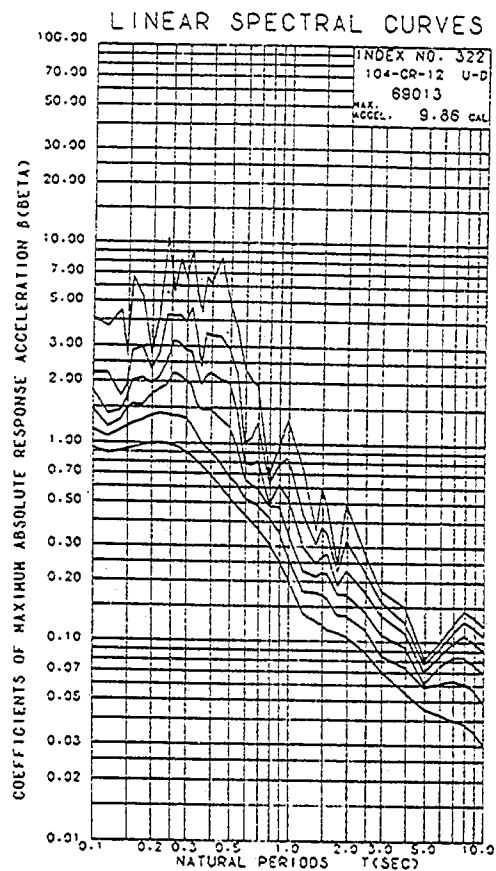
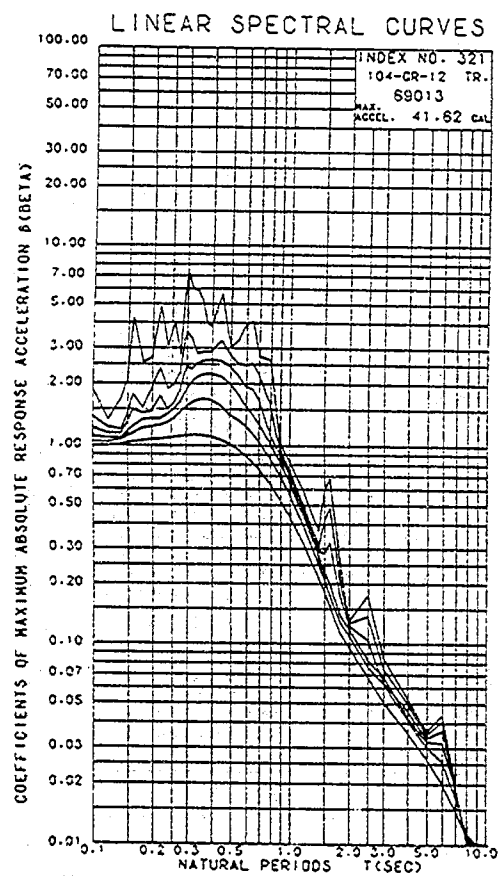


Figure IV S-8. Linear Response Spectra of Earthquake Records with Index Numbers 321, 322 and 323

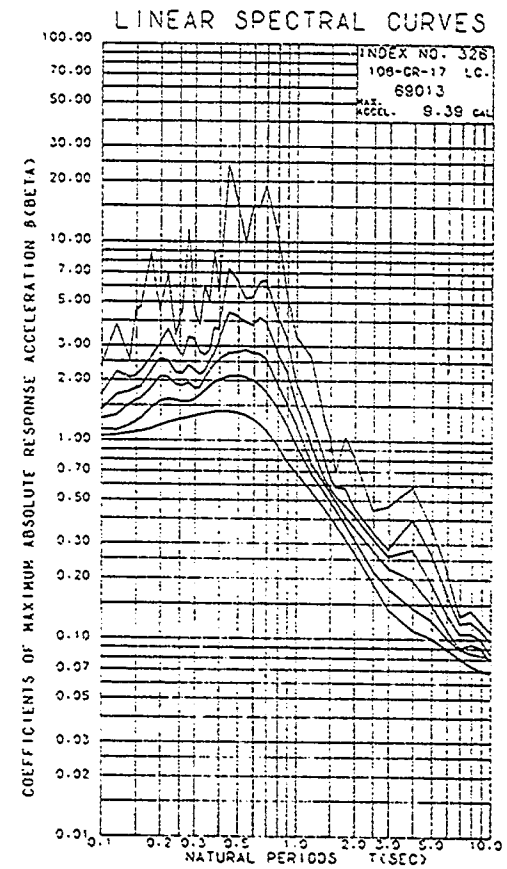
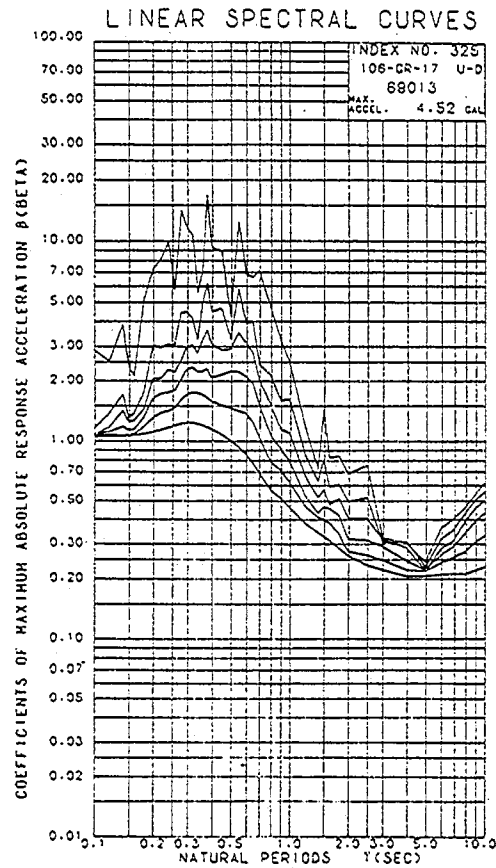
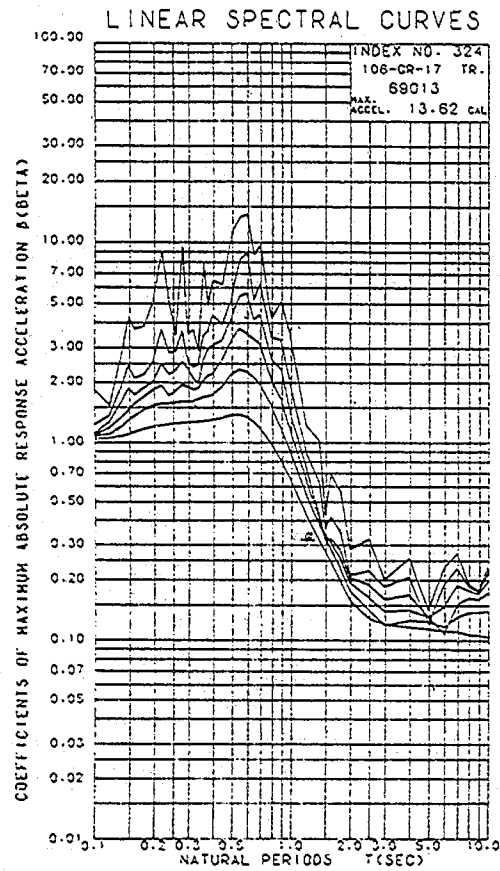


Figure IV S-9. Linear Response Spectra of Earthquake Records with Index Numbers 324, 325 and 326

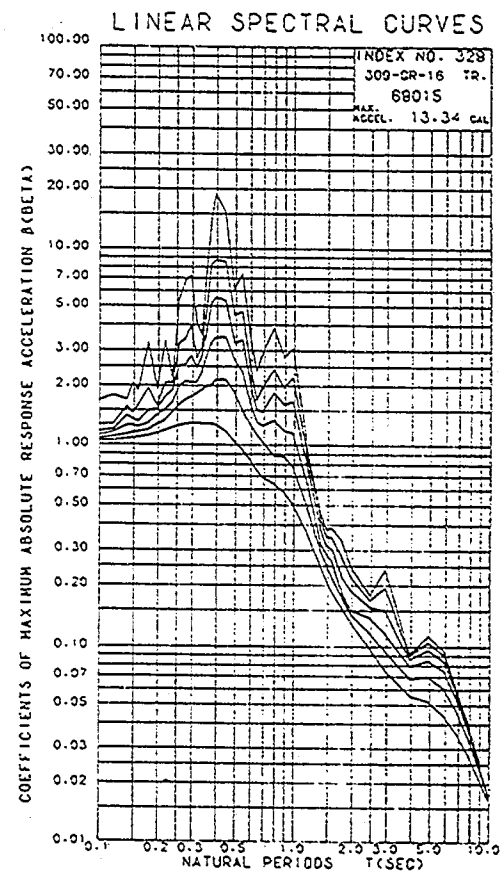
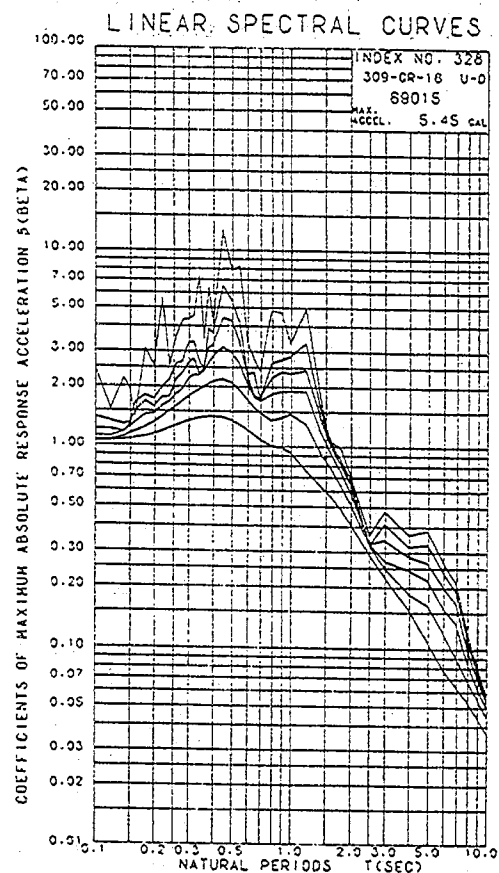
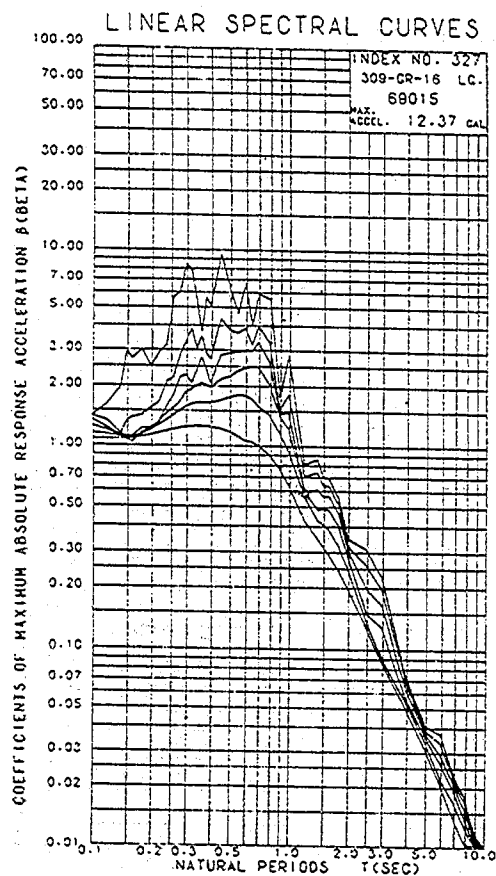


Figure IV S-10. Linear Response Spectra of Earthquake Records with Index Numbers 327, 328 and 329

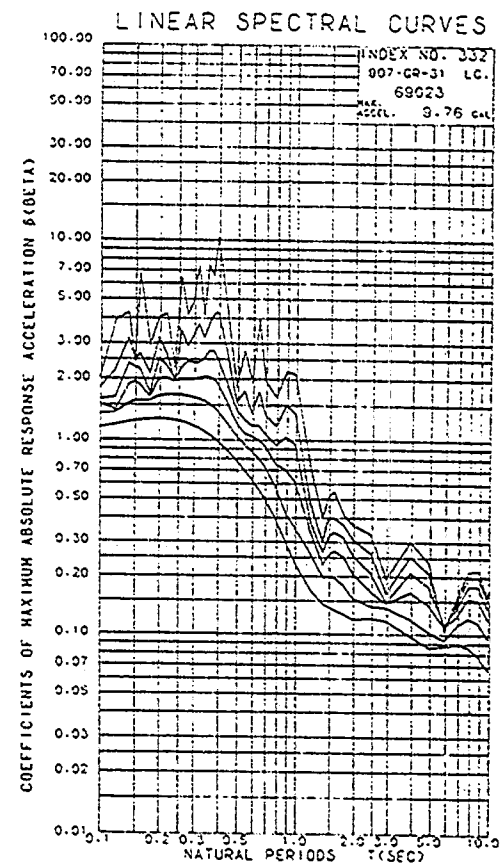
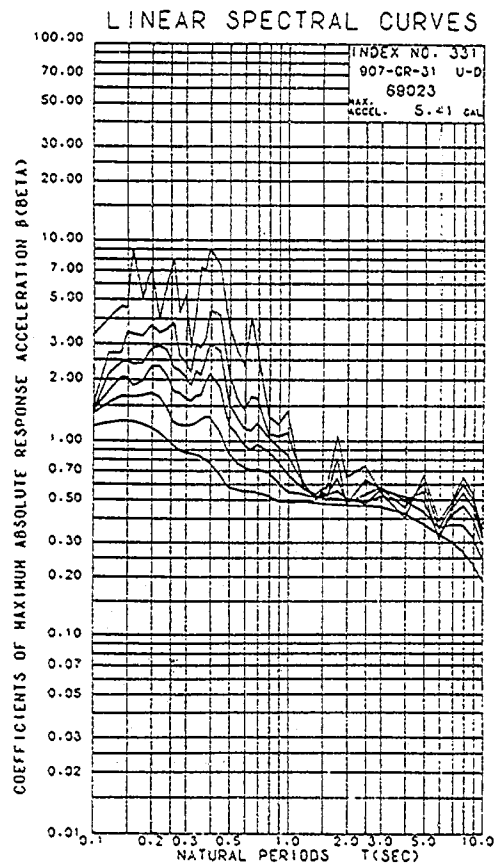
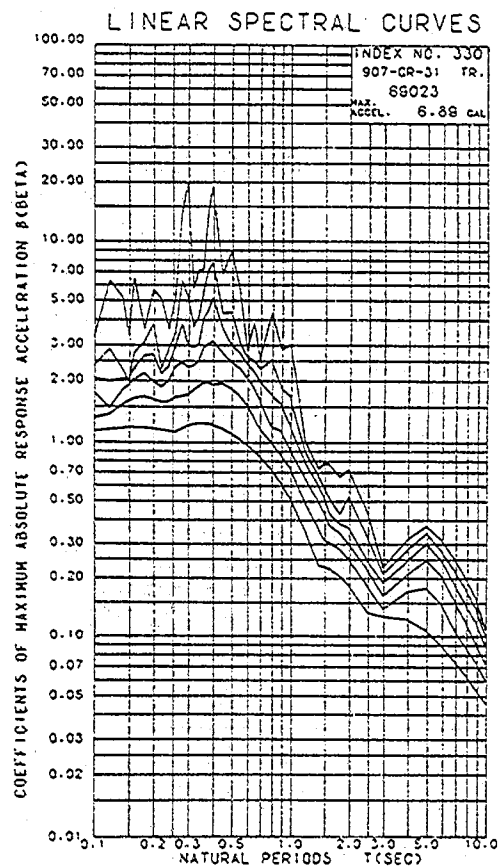


Figure IV S-11. Linear Response Spectra of Earthquake Records with Index Numbers 330, 331 and 332

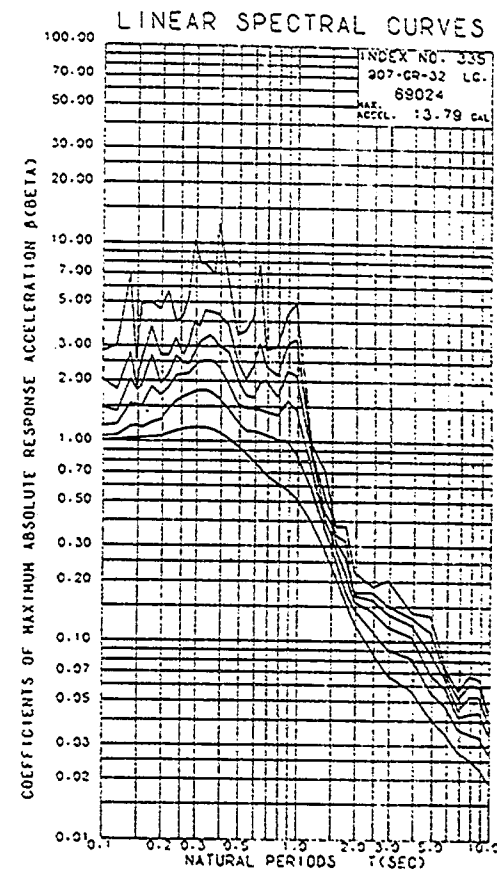
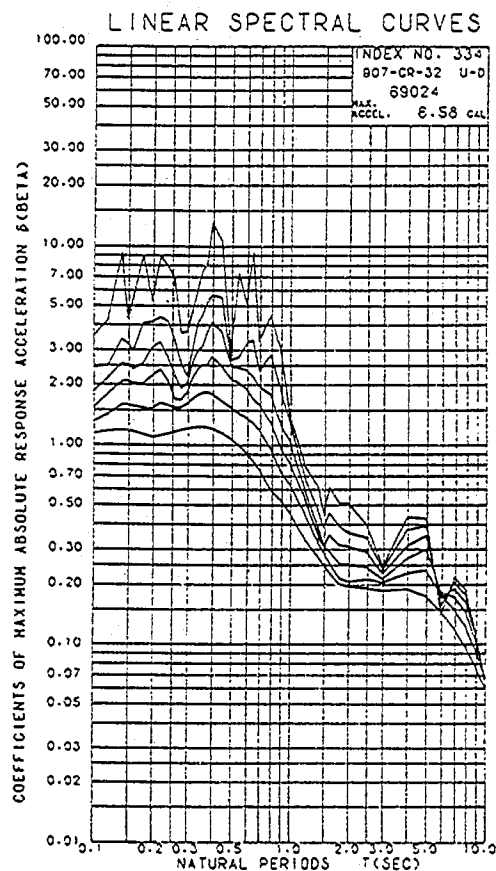
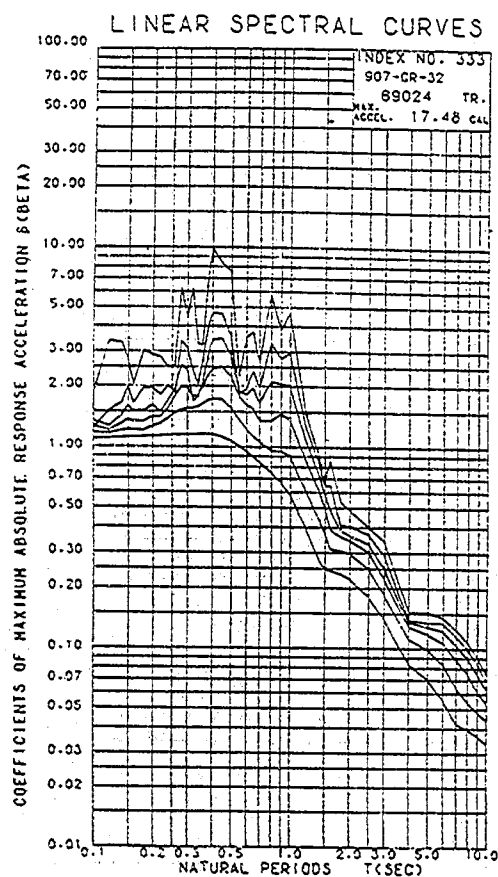


Figure IV S-12. Linear Response Spectra of Earthquake Records with Index Numbers 333, 334 and 335

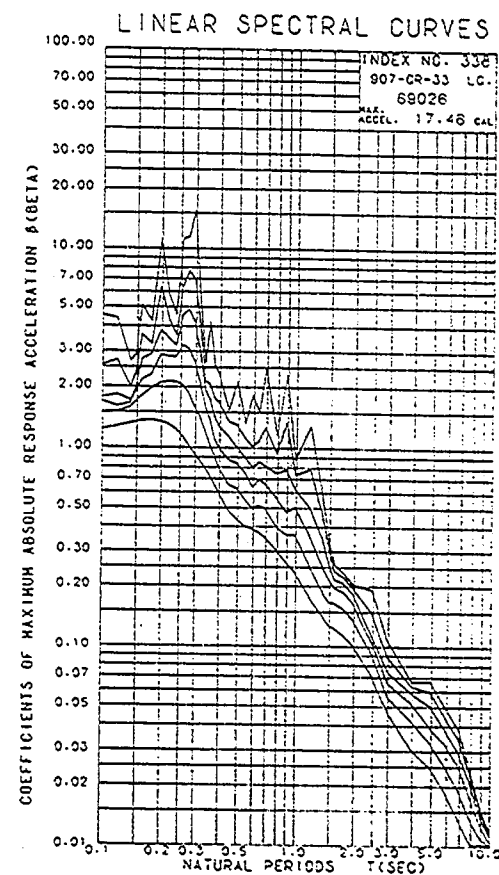
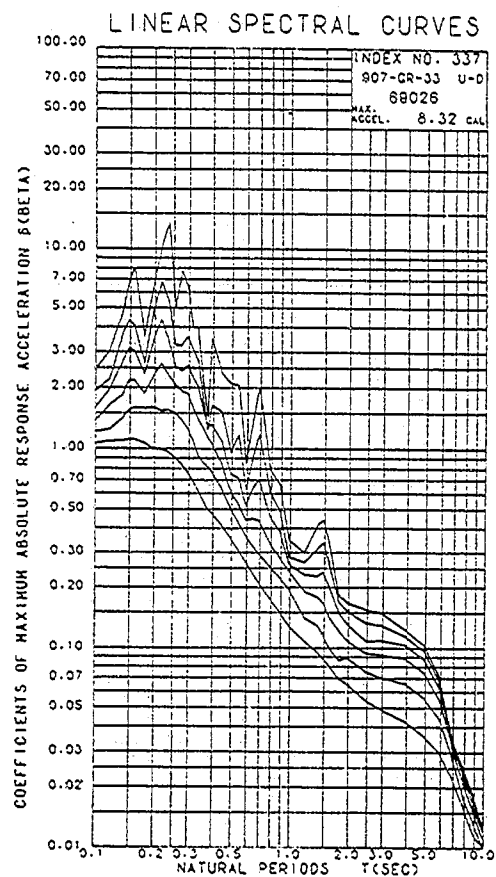
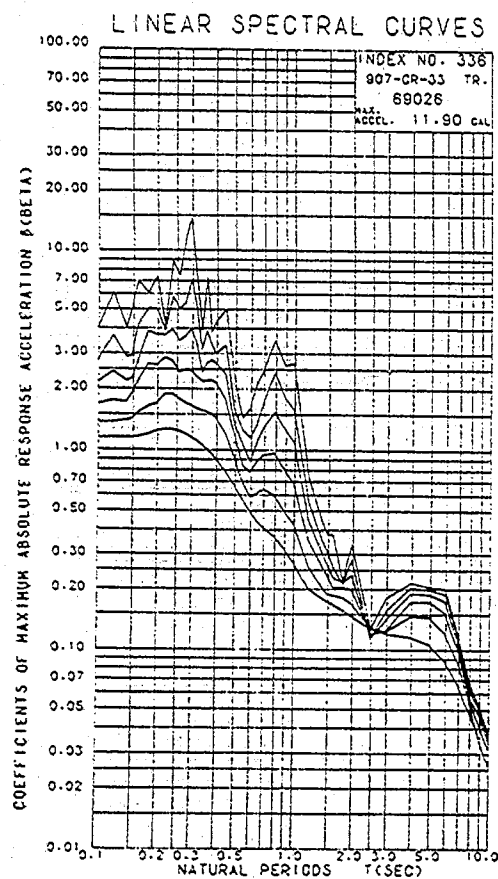


Figure IV S-13. Linear Response Spectra of Earthquake Records with Index Numbers 336, 337 and 338

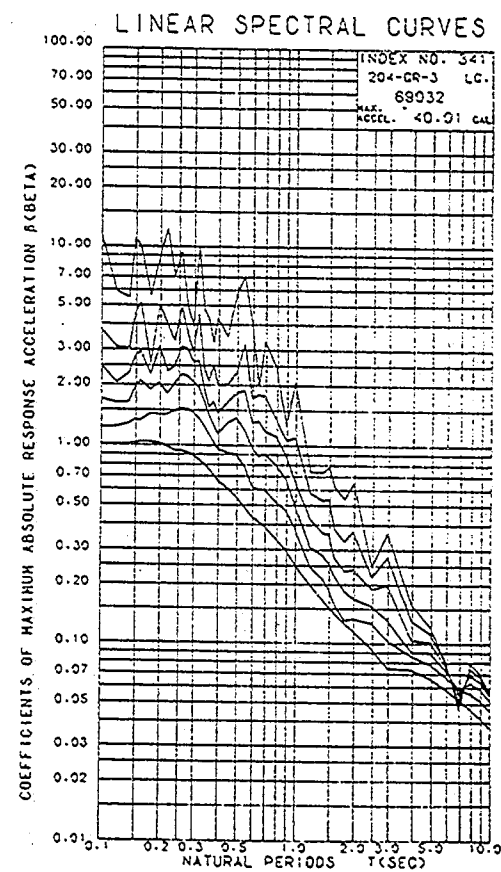
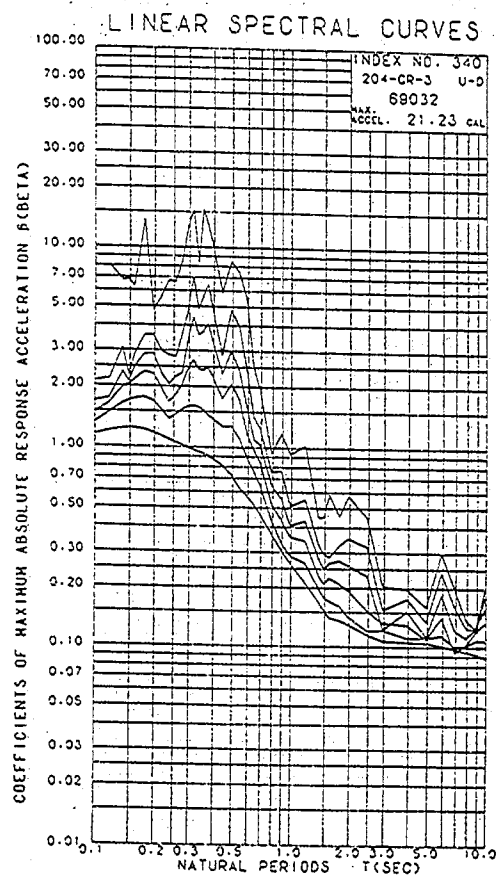
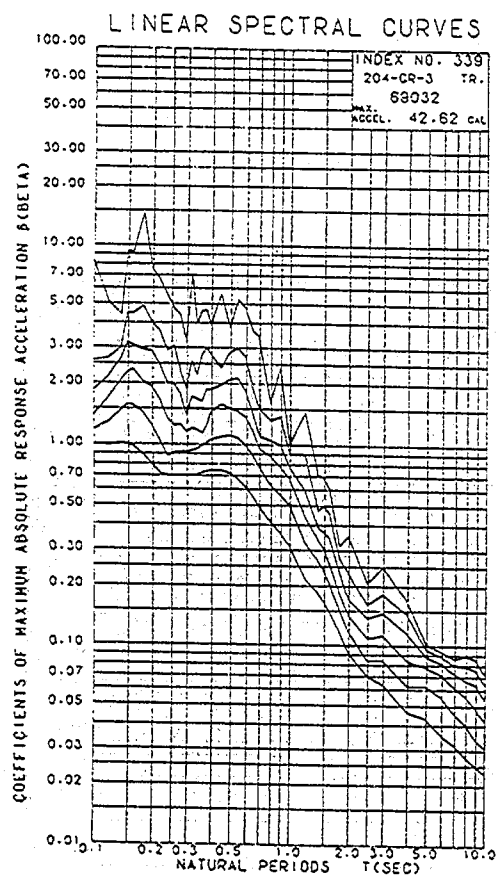


Figure IV S-14. Linear Response Spectra of Earthquake Records with Index Numbers 339, 340 and 341

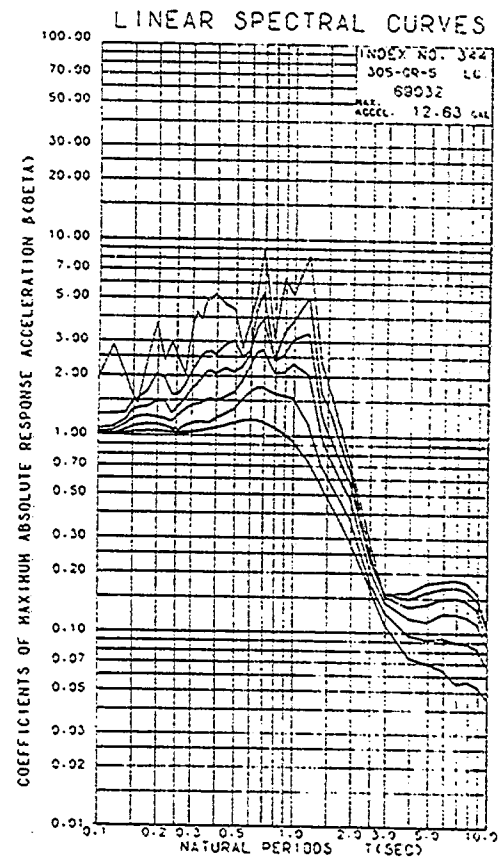
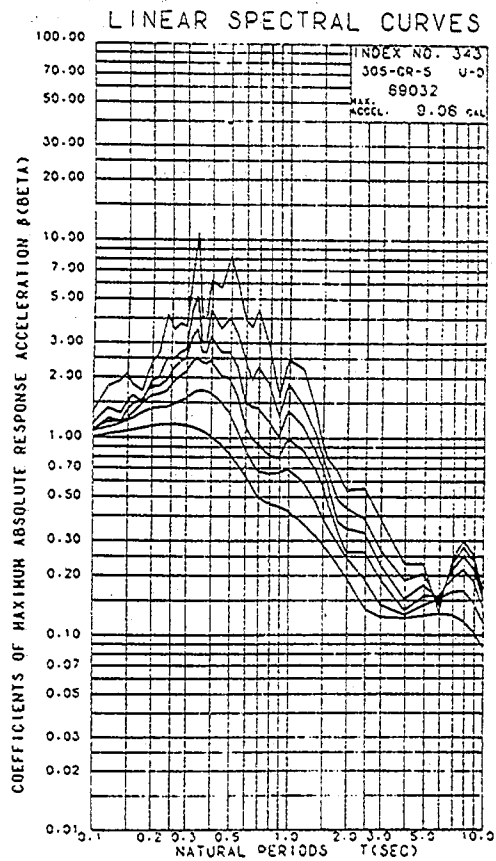
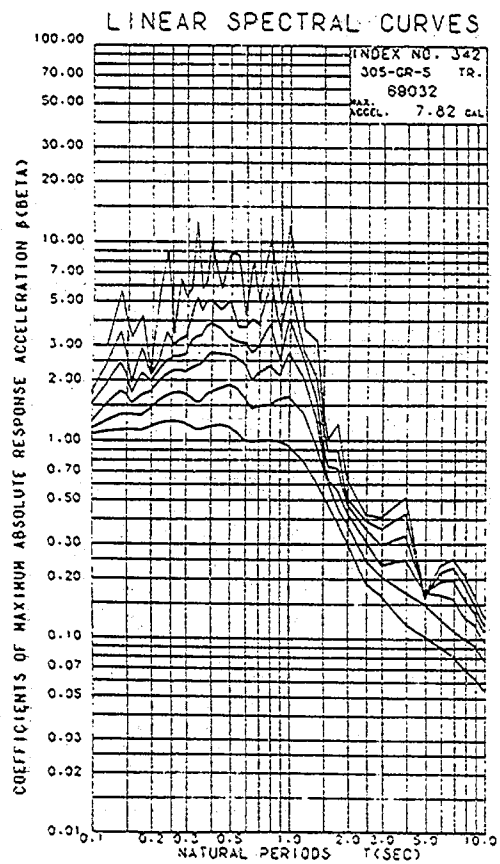


Figure IV S-15. Linear Response Spectra of Earthquake Records with Index Numbers 342, 343 and 344

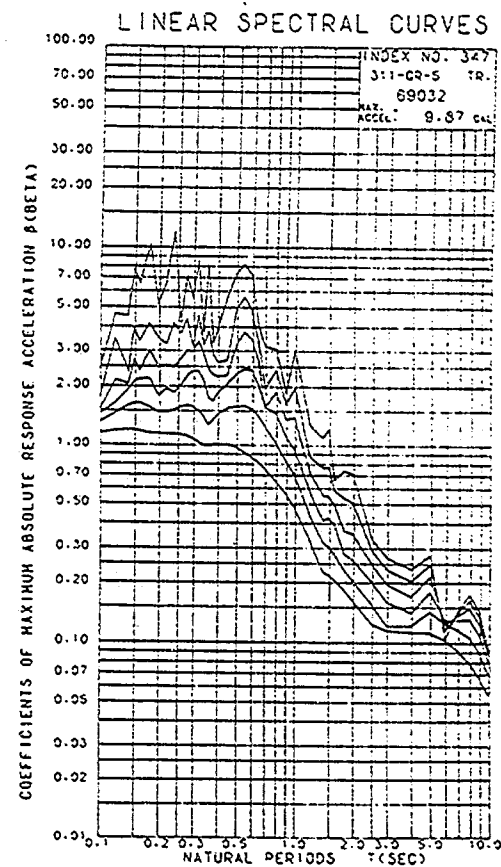
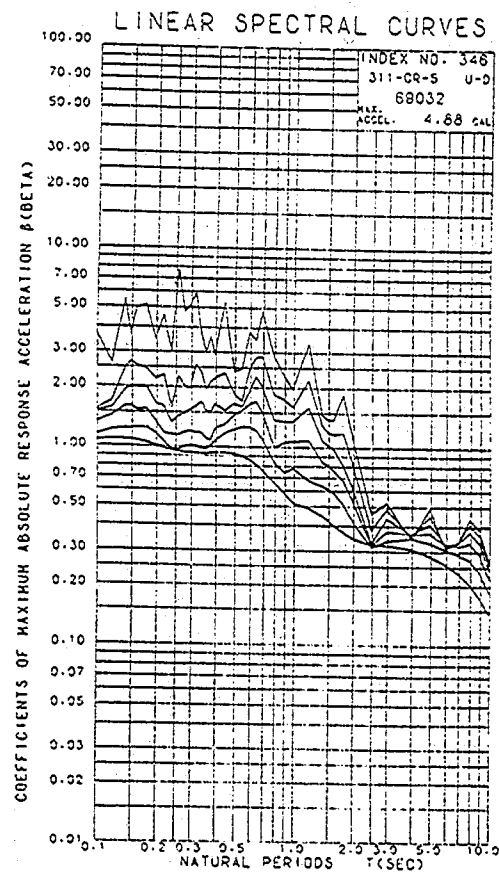
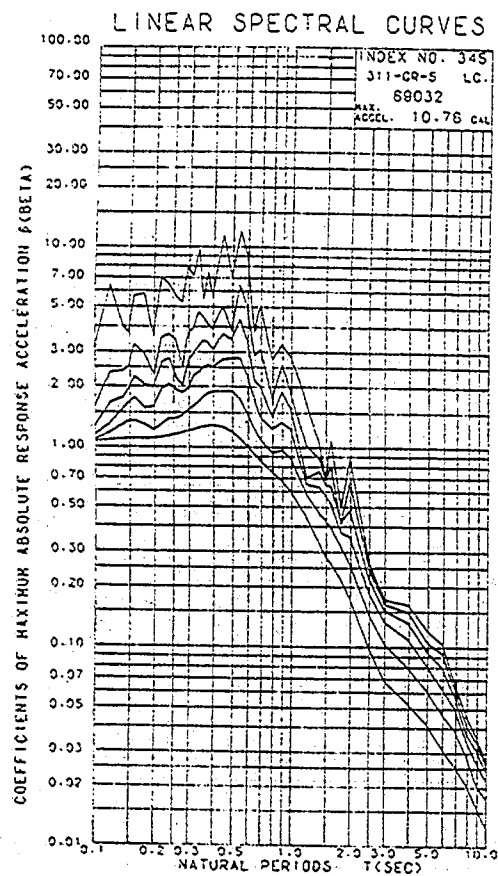


Figure IV S-16. Linear Response Spectra of Earthquake Records with Index Numbers 345, 346 and 347

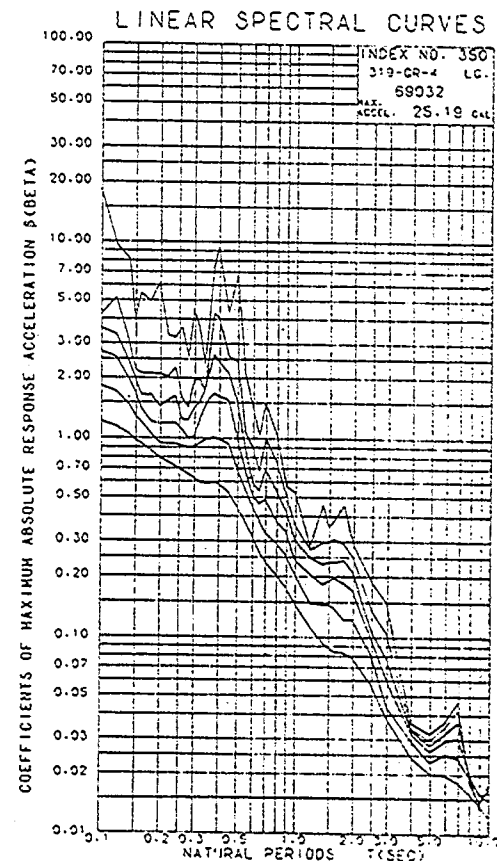
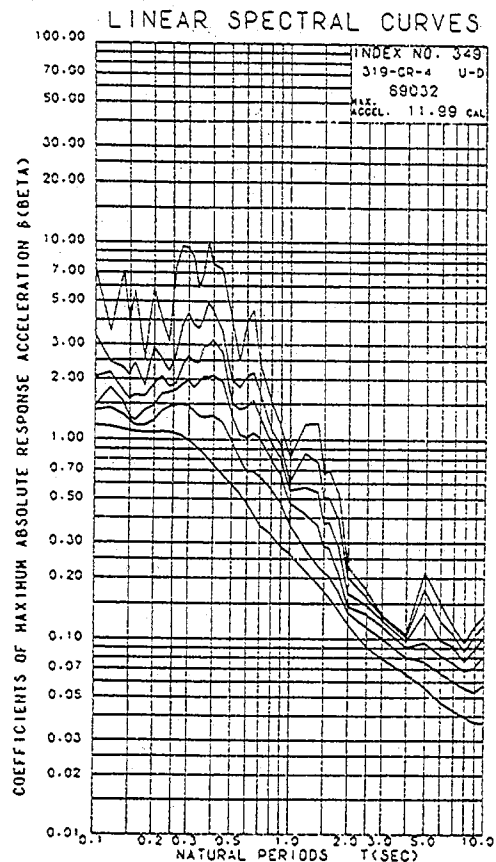
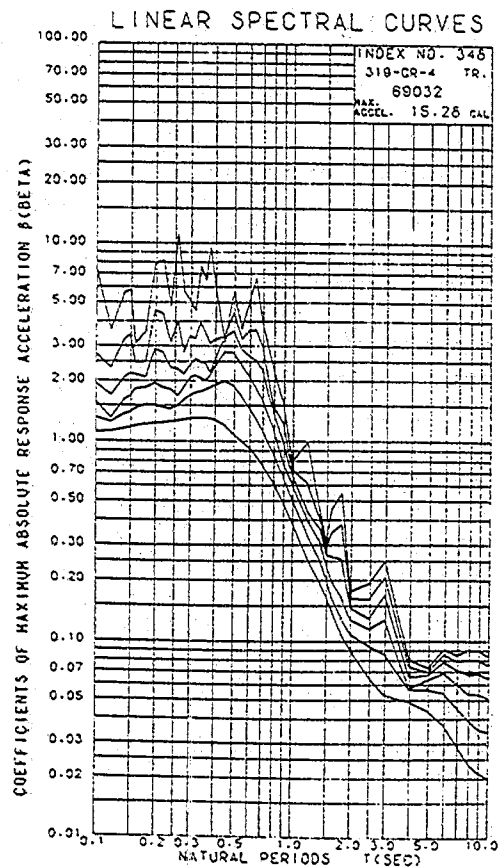


Figure IV S-17. Linear Response Spectra of Earthquake Records with Index Numbers 348, 349 and 350

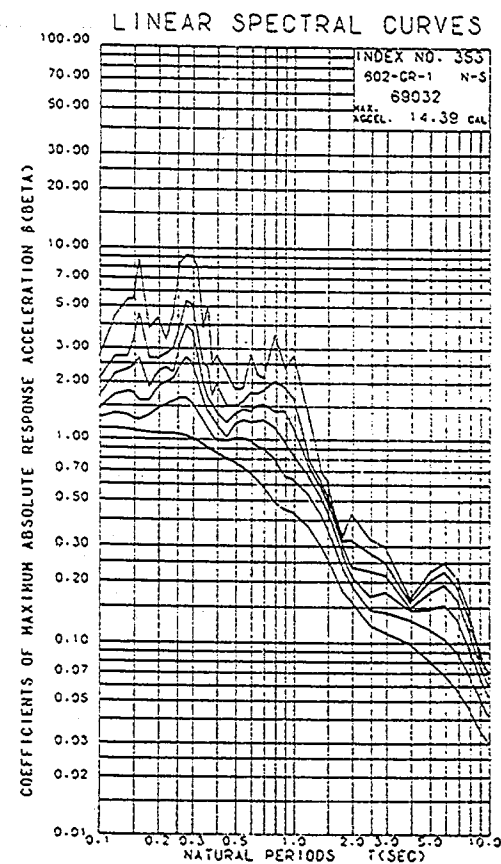
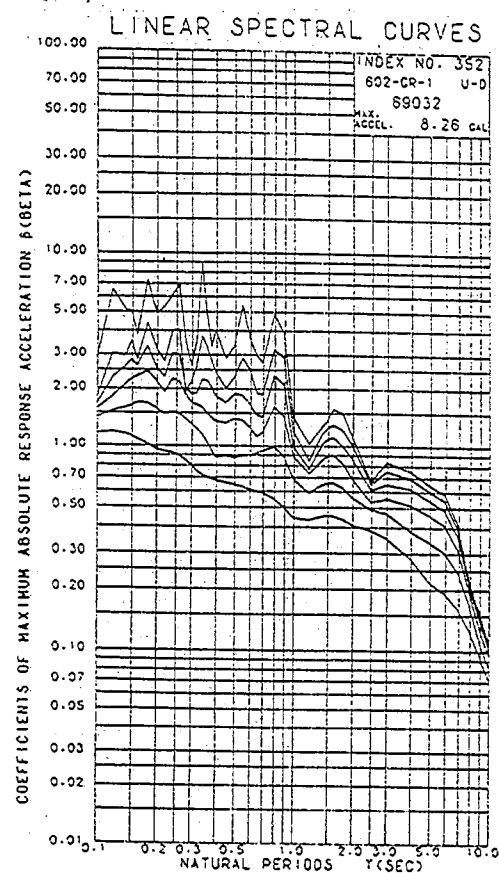
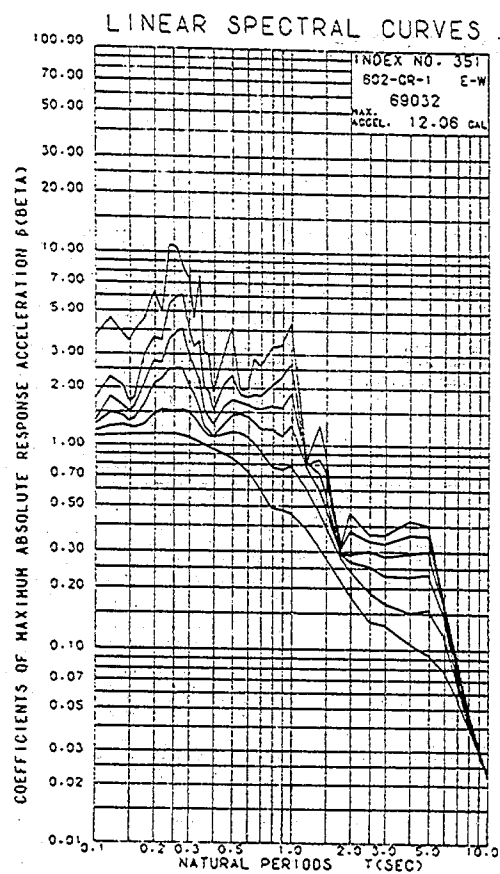


Figure IV S-18. Linear Response Spectra of Earthquake Records with Index Numbers 351, 352 and 353

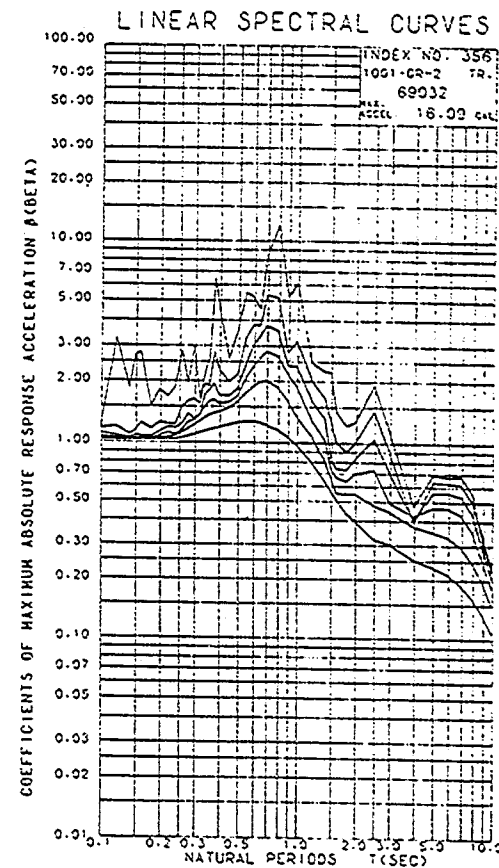
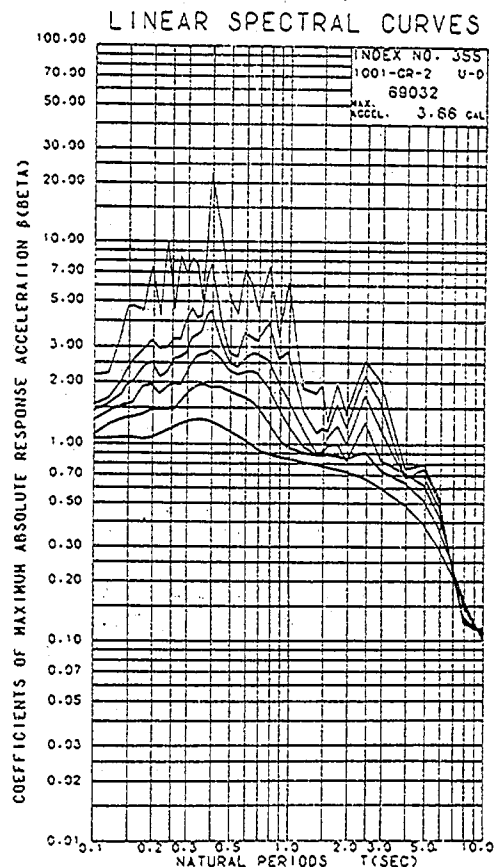
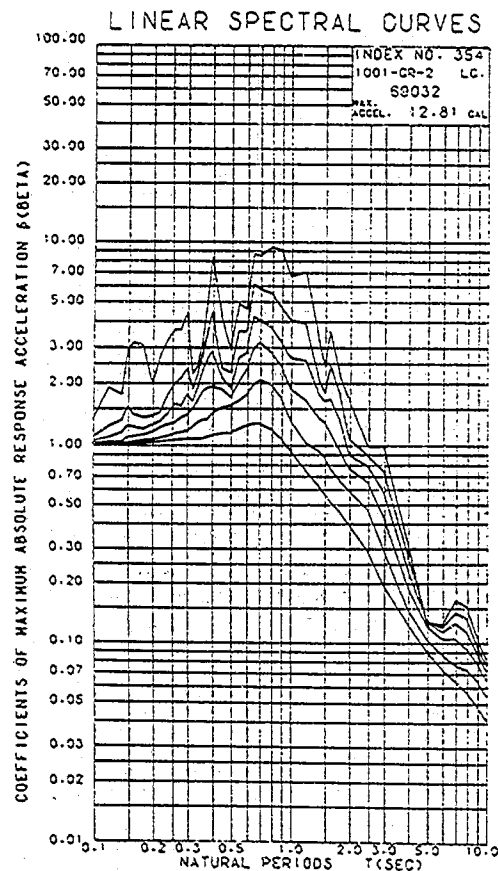


Figure IV S-19. Linear Response Spectra of Earthquake Records with Index Numbers 354, 355 and 356

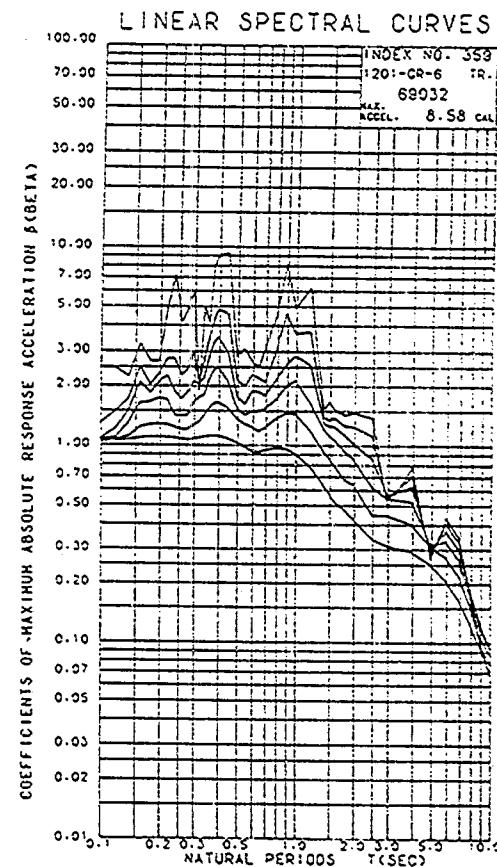
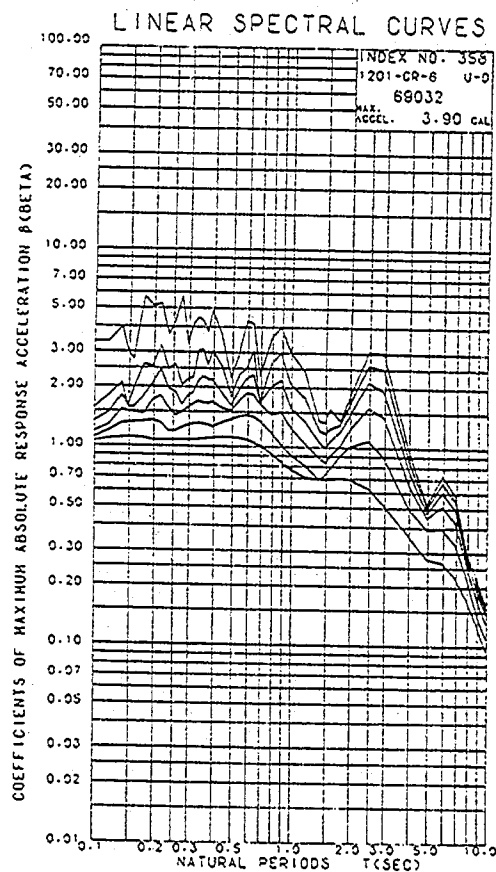
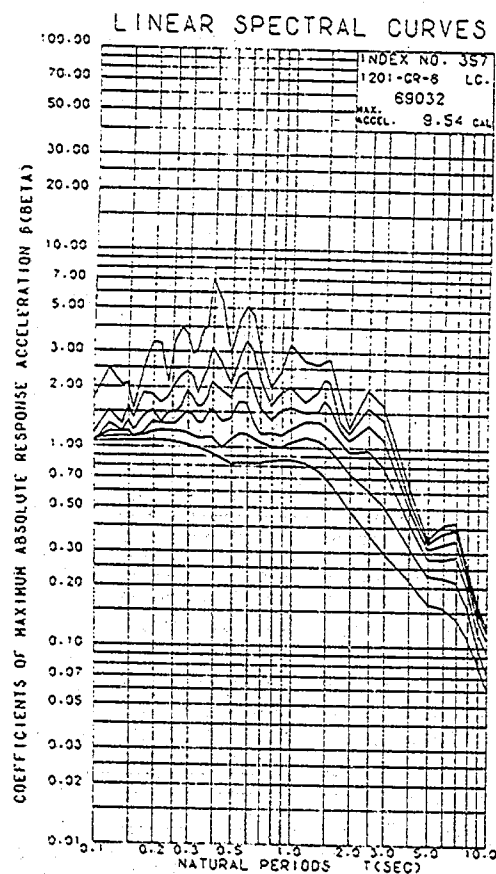


Figure IV S-20. Linear Response Spectra of Earthquake Records with Index Numbers 357, 358 and 359

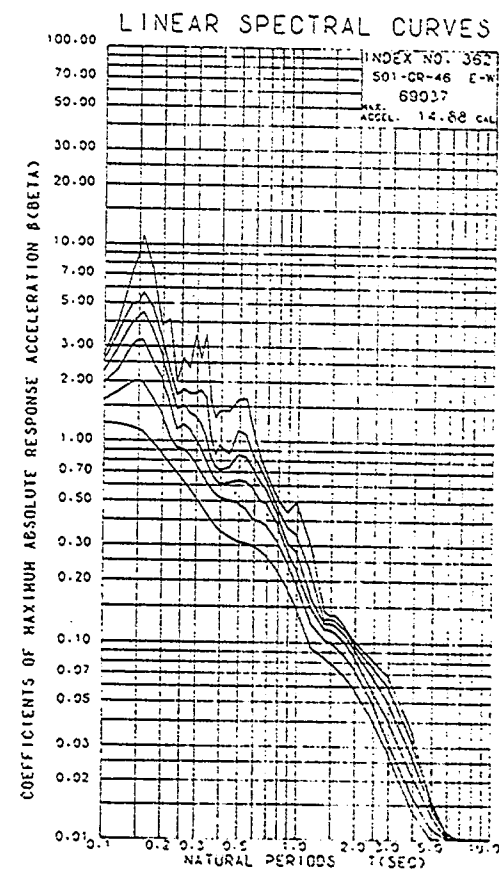
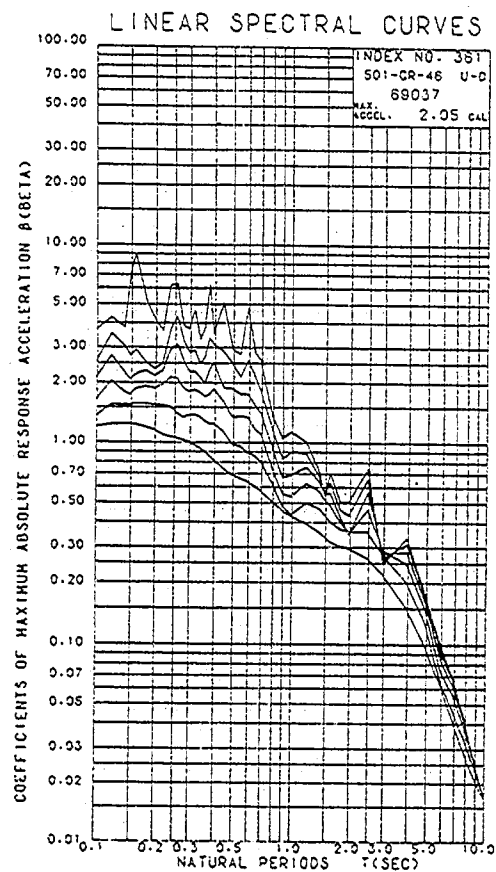
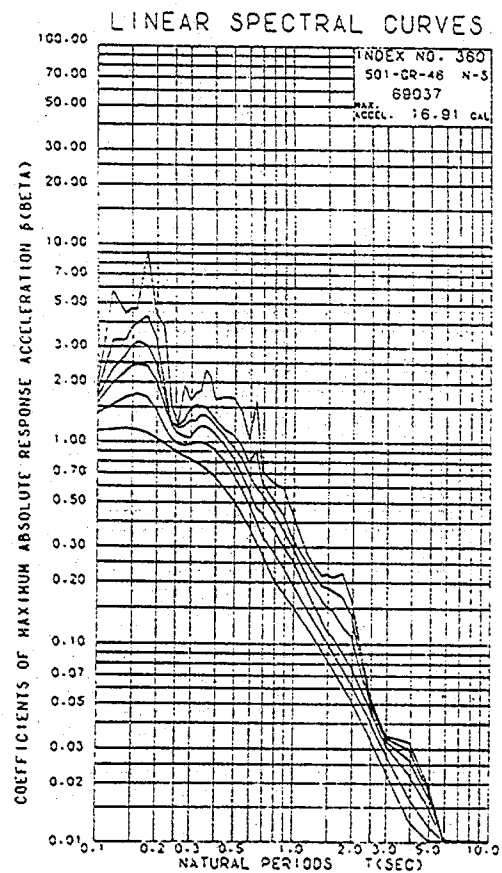


Figure IV S-21. Linear Response Spectra of Earthquake Records with Index Numbers 360, 361 and 362

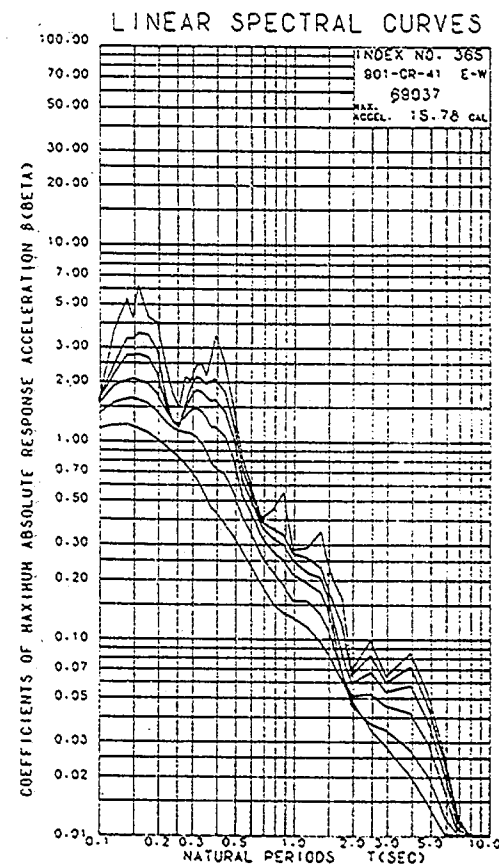
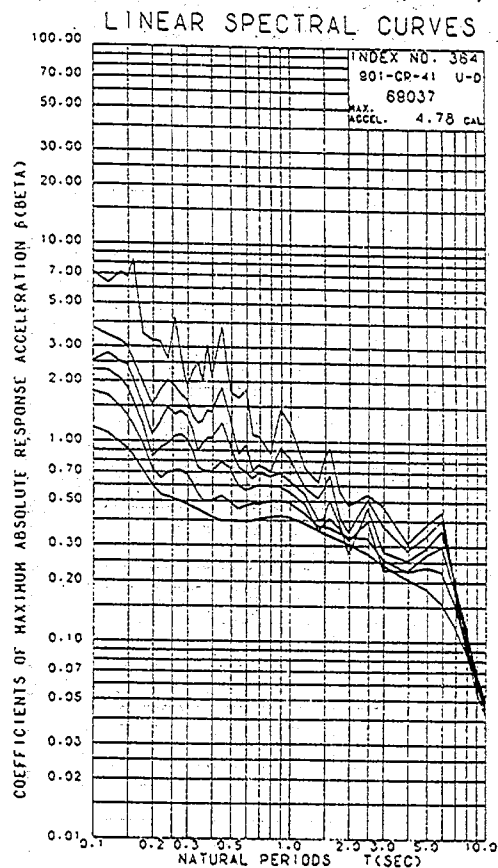
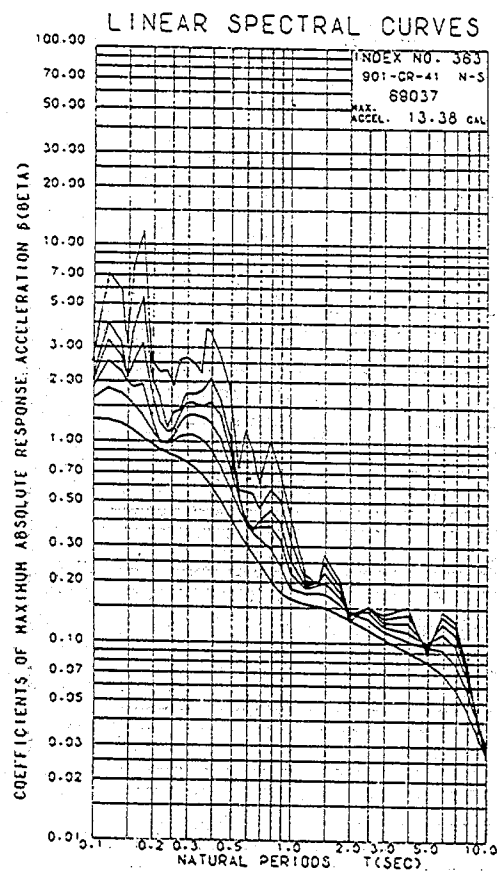


Figure IV S-22. Linear Response Spectra of Earthquake Records with Index Numbers 363, 364 and 365

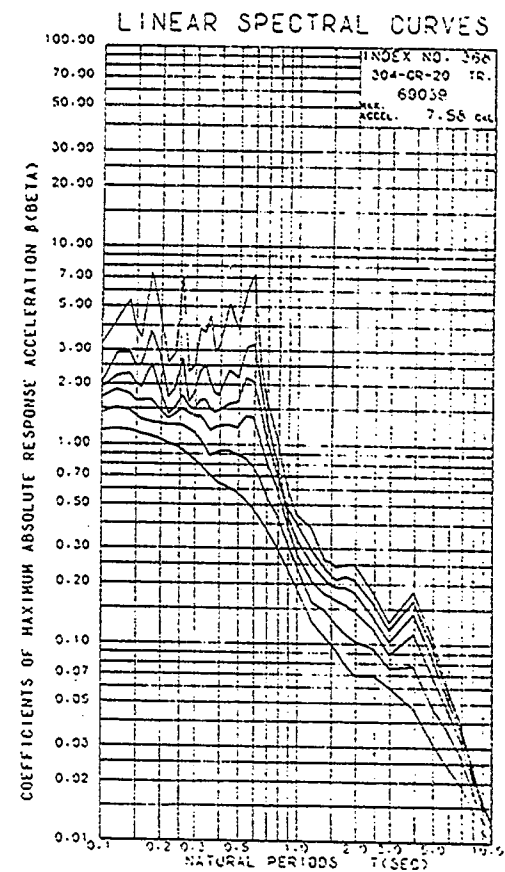
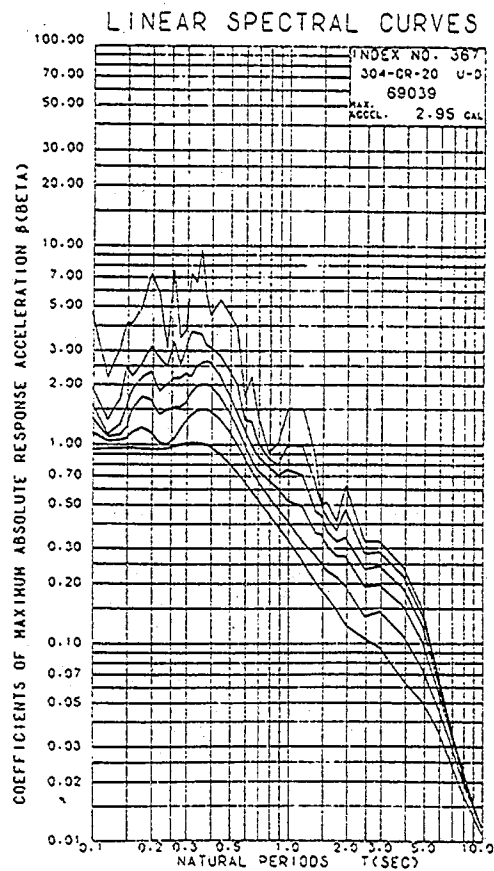
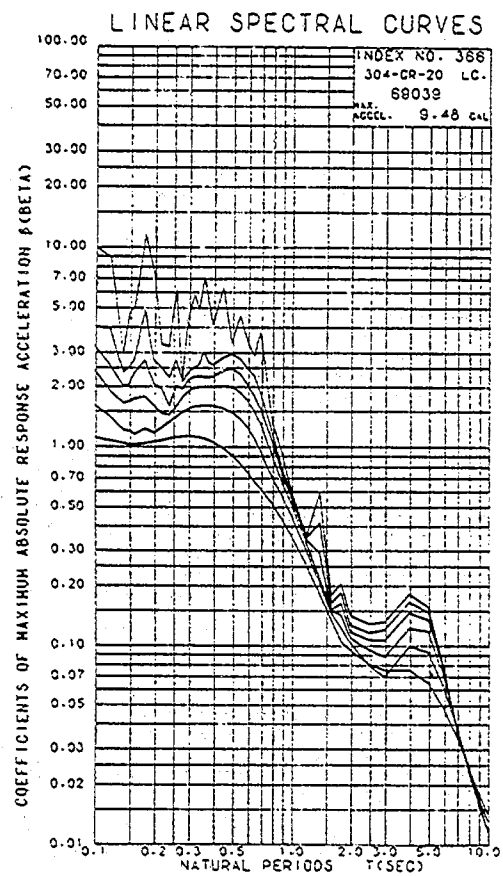


Figure IV S-23. Linear Response Spectra of Earthquake Records with Index Numbers 366, 367 and 368

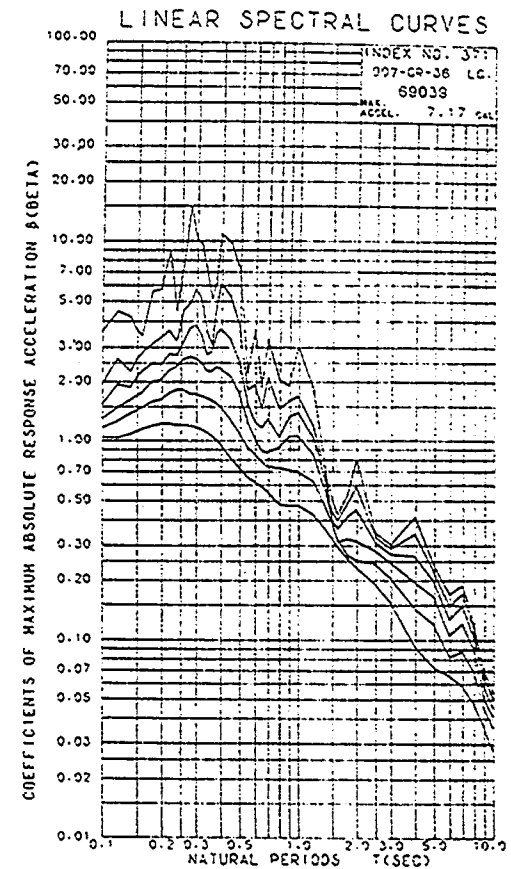
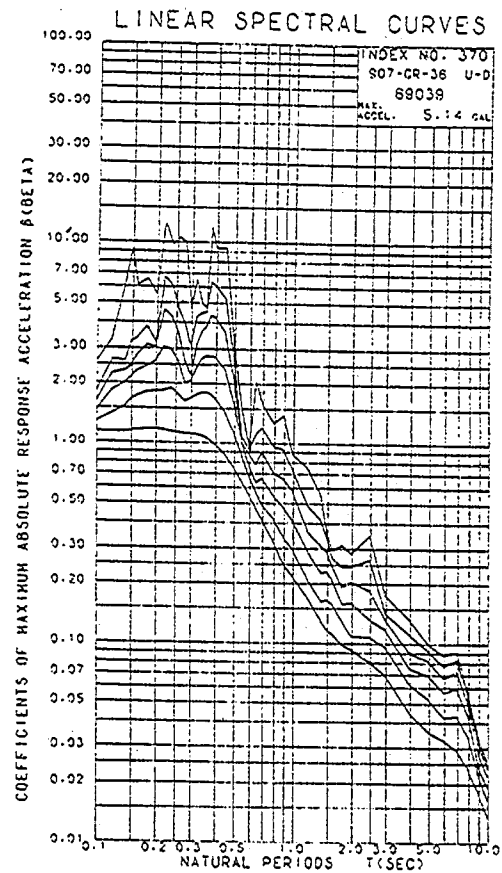
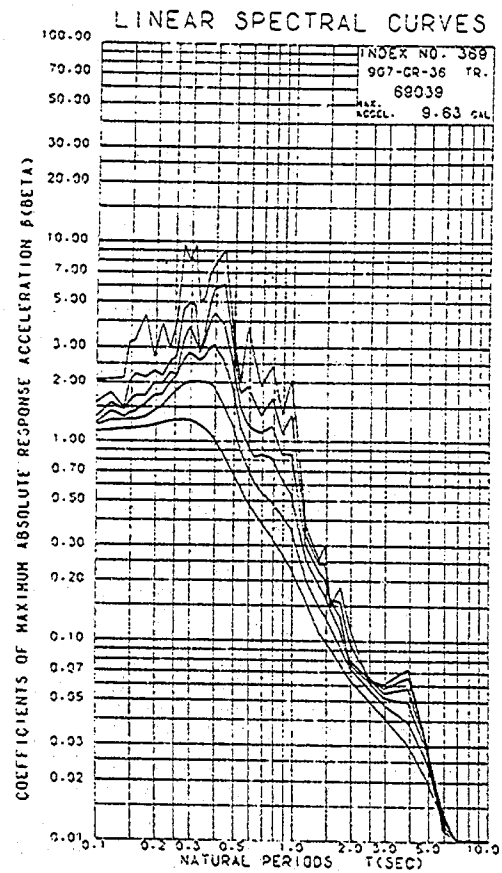


Figure IV S-24. Linear Response Spectra of Earthquake Records with Index Numbers 369, 370 and 371

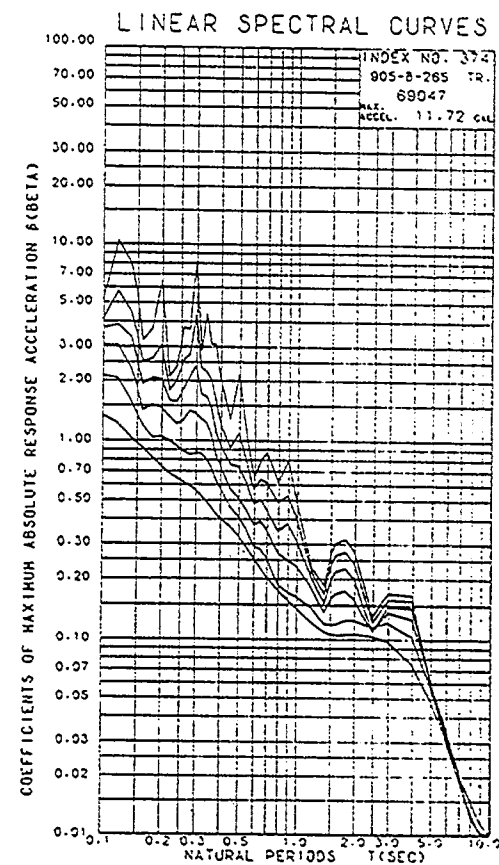
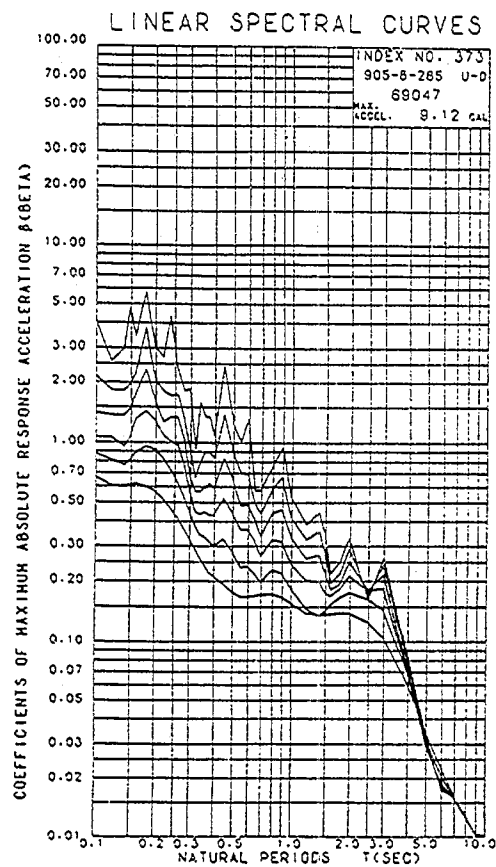
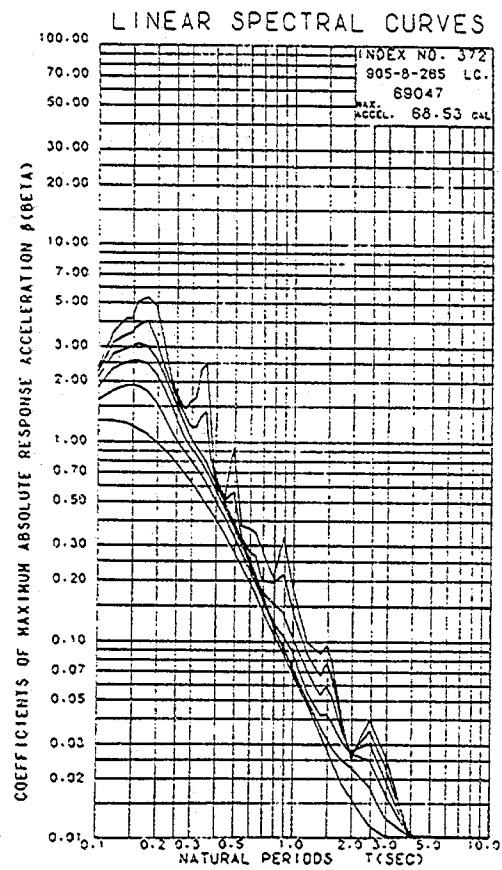


Figure IV S-25. Linear Response Spectra of Earthquake Records with Index Numbers 372, 373 and 374

7. 地震記録のデジタル数値

INDEX No の順に従い Figure IVA-1 ~ Figure IVA-25 に示した地震動記録のデジタル数値を Table IVD-1 ~ Table IVD-75 に示す。

なお、これらのデジタル数値は強震波形を数値化した後に附録-3に示す中心軸補正および円弧補正を施した値である。

Table IV D-1. Digitized Accelerations of Earthquake Record with Index Number 300

INDEX NO.	300	503-GR-11	KANNONZAKI	E-W	MAX. ACCEL. * 37,500 (GAL)	T = 0.03 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)		
1 0.0	-2.499	51 2.95	-2.499	101 6.00	-2.499		
2 0.07	-4.999	52 3.00	15.000	102 6.10	7.500		
3 0.10	-3.749	53 3.10	-11.249	103 6.17	0.000		
4 0.20	1.250	54 3.14	-12.499	104 6.20	1.250		
5 0.25	-7.499	55 3.20	1.250	105 6.23	3.750		
6 0.30	15.000	56 3.27	-3.749	106 6.30	-6.249		
7 0.32	21.250	57 3.30	0.000	107 6.32	-8.749		
8 0.40	-29.999	58 3.33	5.000	108 6.40	1.250		
9 0.44	15.000	59 3.40	-3.749	109 6.46	10.000		
10 0.50	-7.499	60 3.50	5.700	110 6.50	7.500		
11 0.54	10.000	61 3.55	-1.249	111 6.60	0.000		
12 0.60	-11.249	62 3.60	-1.249	112 6.66	3.750		
13 0.70	12.500	63 3.70	2.500	113 6.70	1.250		
14 0.76	-26.249	64 3.73	13.750	114 6.80	0.000		
15 0.80	1.250	65 3.80	-11.249	115 6.90	8.750		
16 0.83	37.500	66 3.88	3.750	116 6.96	-1.249		
17 0.90	-21.749	67 3.90	0.000	117 7.00	5.000		
18 0.91	-24.999	68 3.98	-12.499				
19 1.00	1.250	69 4.00	-9.999				
20 1.03	5.000	70 4.10	12.500				
21 1.08	-8.749	71 4.20	-9.999				
22 1.10	6.250	72 4.25	6.250				
23 1.12	17.500	73 4.30	-7.499				
24 1.20	-7.499	74 4.40	6.250				
25 1.27	-1.249	75 4.44	2.500				
26 1.30	-11.249	76 4.50	3.750				
27 1.33	-22.499	77 4.60	-3.749				
28 1.40	35.000	78 4.65	0.000				
29 1.50	-11.249	79 4.70	-4.999				
30 1.53	-23.749	80 4.80	5.000				
31 1.58	-13.749	81 4.90	1.250				
32 1.60	-14.999	82 4.96	-2.499				
33 1.70	26.250	83 5.00	1.250				
34 1.80	-18.749	84 5.05	7.500				
35 1.88	6.250	85 5.10	0.000				
36 1.90	5.000	86 5.13	-2.499				
37 2.00	-13.749	87 5.20	1.250				
38 2.10	6.250	88 5.25	0.000				
39 2.18	-1.249	89 5.30	5.000				
40 2.20	1.250	90 5.32	6.250				
41 2.22	3.750	91 5.40	0.000				
42 2.30	-9.999	92 5.44	1.250				
43 2.40	11.250	93 5.50	-1.249				
44 2.50	-2.499	94 5.60	5.000				
45 2.56	-1.249	95 5.70	0.000				
46 2.60	-2.499	96 5.77	8.750				
47 2.70	2.500	97 5.80	2.500				
48 2.80	-1.249	98 5.88	-8.749				
49 2.89	1.250	99 5.90	-2.499				
50 2.90	0.000	100 5.94	7.500				

Table IV D-2. Digitized Accelerations of Earthquake Record with Index Number 301

INDEX NO.	301	503-GR-11	KANNONZAKI	U-D	MAX. ACCEL. * 8,438 (GAL)	T = 2.58 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-1.076	51 0.83	0.435	101 1.69	1.394	151 2.39	1.132
2 0.03	0.205	52 0.84	0.435	102 1.70	0.682	152 2.40	3.009
3 0.04	0.452	53 0.85	0.440	103 1.72	-0.560	153 2.43	4.641
4 0.07	-0.405	54 0.87	0.697	104 1.73	-1.430	154 2.46	6.802
5 0.11	-0.394	55 0.89	1.074	105 1.75	-1.427	155 2.48	5.468
6 0.14	-0.393	56 0.90	1.070	106 1.76	0.326	156 2.51	3.291
7 0.16	0.493	57 0.91	1.081	107 1.78	2.207	157 2.53	1.421
8 0.18	-0.624	58 0.92	0.835	108 1.80	1.710	158 2.55	-3.072
9 0.20	-0.995	59 0.93	-0.161	109 1.81	1.090	159 2.56	-6.568
10 0.21	-1.617	60 0.94	-1.034	110 1.82	0.718	160 2.57	-7.815
11 0.22	-1.614	61 0.95	-1.656	111 1.84	0.725	161 2.58	-8.458
12 0.23	-0.986	62 0.98	-1.772	112 1.85	0.727	162 2.59	-7.185
13 0.24	-0.107	63 1.01	0.230	113 1.86	0.979	163 2.61	-4.679
14 0.25	0.519	64 1.03	0.239	114 1.89	0.486	164 2.63	-0.925
15 0.26	0.521	65 1.05	-0.502	115 1.90	-0.757	165 2.64	0.326
16 0.29	-0.345	66 1.06	-0.998	116 1.91	-1.755	166 2.66	0.335
17 0.31	-0.588	67 1.08	-0.492	117 1.92	-2.627	167 2.68	0.507
18 0.33	-0.333	68 1.11	0.765	118 1.93	-1.498	168 2.71	2.471
19 0.35	-0.078	69 1.12	0.768	119 1.94	-0.495	169 2.73	2.853
20 0.37	0.554	70 1.14	0.521	120 1.95	0.150	170 2.76	2.861
21 0.39	0.933	71 1.15	0.525	121 1.96	0.383	171 2.78	2.867
22 0.41	1.189	72 1.17	0.780	122 1.97	-0.738	172 2.80	1.997
23 0.43	1.195	73 1.18	1.159	123 1.98	-1.734	173 2.82	-0.243
24 0.46	0.702	74 1.20	1.165	124 2.00	-2.605	174 2.84	-2.988
25 0.47	0.331	75 1.22	0.546	125 2.01	-3.051	175 2.86	-5.483
26 0.49	0.337	76 1.24	-0.698	126 2.02	-3.349	176 2.88	-7.727
27 0.51	-0.281	77 1.25	-0.943	127 2.04	0.404	177 2.89	-6.648
28 0.52	-0.902	78 1.27	-0.938	128 2.05	1.658	178 2.90	-5.597
29 0.53	-1.150	79 1.29	-0.683	129 2.06	2.662	179 2.92	-2.716
30 0.54	-0.697	80 1.30	-0.055	130 2.09	2.044	180 2.93	-1.462
31 0.55	-0.644	81 1.32	0.197	131 2.10	0.797	181 2.94	1.289
32 0.57	-0.015	82 1.33	-0.046	132 2.12	-1.070	182 2.95	2.292
33 0.58	0.611	83 1.35	-0.916	133 2.14	-2.314	183 2.96	2.545
34 0.59	0.614	84 1.37	-1.534	134 2.16	-2.060	184 2.98	2.676
35 0.61	0.369	85 1.38	-1.906	135 2.17	-0.806	185 3.01	2.932
36 0.62	-0.074	86 1.40	-0.491	136 2.19	1.072	186 3.03	2.063
37 0.63	-1.495	87 1.42	1.853	137 2.20	2.952	187 3.05	1.445
38 0.64	-1.493	88 1.44	2.169	138 2.22	5.831	188 3.08	-0.419
39 0.66	-0.614	89 1.46	1.240	139 2.23	6.835	189 3.10	-1.030
40 0.67	1.013	90 1.48	1.245	140 2.24	7.464	190 3.12	-1.657
41 0.68	1.016	91 1.50	1.501	141 2.25	5.966	191 3.13	0.094
42 0.69	1.019	92 1.52	2.131	142 2.26	-0.275	192 3.16	1.351
43 0.71	0.149	93 1.54	1.261	143 2.29	-1.896	193 3.17	2.979
44 0.72	-0.845	94 1.56	0.019	144 2.31	-4.391	194 3.18	3.231
45 0.73	-0.643	95 1.59	-1.223	145 2.32	-5.637	195 3.20	4.238
46 0.74	-1.390	96 1.61	-2.090	146 2.33	-6.633	196 3.21	3.367
47 0.76	-0.386	97 1.62	-1.837	147 2.34	-7.256	197 3.23	1.123
48 0.76	0.745	98 1.64	-0.957	148 2.35	-7.255	198 3.26	-0.993
49 0.77	0.049	99 1.66	0.296	149 2.37	-5.749	199 3.28	-2.611
50 0.78	0.355	100 1.68	1.302	150 2.38	-1.369	200 3.30	-4.105

INDEX NO.	301	503-GR-11	KANIONZAKI	U-D	MAX.ACCEL. =	-0.438(GAL)	T = 2.58(SEC)	NO. 2			
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)		
201	3.33	-4.722	251	4.36	1.448	301	5.06	-0.054	351	7.26	-0.461
202	3.36	-1.518	252	4.38	0.827	302	5.71	-0.039	352	7.27	-0.468
203	3.35	2.043	253	4.40	-1.459	303	5.76	-0.224	353	7.31	-1.072
204	3.43	3.043	254	4.43	0.592	304	5.80	0.609	354	7.36	-0.559
205	3.43	2.803	255	4.46	-0.021	305	5.83	0.365	355	7.38	0.446
206	3.46	0.939	256	4.49	-0.139	306	5.87	-0.243	356	7.40	1.951
207	3.48	0.568	257	4.51	0.241	307	5.91	-1.252	357	7.42	1.958
208	3.49	1.197	258	4.55	1.126	308	5.94	-0.507	358	7.44	0.849
209	3.51	1.452	259	4.58	1.135	309	5.96	0.031	359	7.47	0.223
210	3.53	0.582	260	4.61	0.642	310	5.99	0.291	360	7.49	-0.769
211	3.56	-2.157	261	4.62	0.897	311	6.02	0.675	361	7.52	-0.135
212	3.57	-2.153	262	4.64	1.151	312	6.05	0.932	362	7.54	0.494
213	3.59	-1.897	263	4.66	2.158	313	6.07	2.189	363	7.57	0.751
214	3.61	-1.266	264	4.67	2.707	314	6.08	1.942	364	7.59	0.757
215	3.64	-0.633	265	4.70	1.293	315	6.11	1.074	365	7.61	0.764
216	3.67	-0.375	266	4.72	-0.948	316	6.14	-0.165	366	7.64	1.147
217	3.68	0.003	267	4.74	-2.818	317	6.15	-1.410	367	7.66	0.903
218	3.72	1.265	268	4.76	-3.063	318	6.17	0.093	368	7.69	-0.087
219	3.74	1.893	269	4.79	-2.808	319	6.19	0.723	369	7.71	0.166
220	3.76	1.699	270	4.79	-0.928	320	6.21	1.604	370	7.72	0.795
221	3.78	1.056	271	4.81	0.575	321	6.23	1.111	371	7.74	1.425
222	3.79	0.637	272	4.82	-0.545	322	6.26	0.120	372	7.76	1.433
223	3.82	-0.810	273	4.83	-1.166	323	6.29	-1.119	373	7.81	0.570
224	3.85	-1.446	274	4.86	-1.158	324	6.33	-2.357	374	7.84	-0.667
225	3.87	-1.817	275	4.89	-0.090	325	6.40	-2.088	375	7.86	-1.206
226	3.88	-1.813	276	4.92	0.607	326	6.43	-0.828	376	7.89	-1.527
227	3.90	-0.557	277	4.95	1.866	327	6.47	0.181	377	7.92	-2.519
228	3.93	0.698	278	4.98	3.499	328	6.53	2.072	378	7.95	-2.512
229	3.94	2.578	279	5.00	3.505	329	6.56	3.331	379	7.98	-1.877
230	3.97	2.336	280	5.01	2.007	330	6.58	2.712	380	8.01	-0.370
231	4.00	1.344	281	5.03	1.389	331	6.61	0.846	381	8.03	0.884
232	4.01	1.099	282	5.05	1.018	332	6.63	-1.021	382	8.04	1.264
233	4.03	0.729	283	5.07	1.025	333	6.66	-1.262	383	8.07	1.270
234	4.05	0.985	284	5.09	0.781	334	6.69	-1.003	384	8.09	0.652
235	4.07	0.740	285	5.12	0.788	335	6.71	0.252	385	8.12	0.035
236	4.10	-0.501	286	5.14	1.276	336	6.74	0.885	386	8.15	-0.828
237	4.11	-1.996	287	5.16	2.302	337	6.77	1.144	387	8.20	-2.065
238	4.13	-2.367	288	5.20	4.188	338	6.80	0.653	388	8.22	-2.683
239	4.16	-2.934	289	5.21	4.815	339	6.85	-0.581	389	8.24	-3.053
240	4.18	-2.103	290	5.25	3.576	340	6.88	-0.698	390	8.27	-2.795
241	4.19	-2.099	291	5.28	2.337	341	6.91	-0.064	391	8.30	-1.162
242	4.21	-1.468	292	5.32	1.096	342	6.95	0.321	392	8.33	0.345
243	4.23	0.410	293	5.35	-0.142	343	6.97	0.578	393	8.38	1.359
244	4.25	3.542	294	5.40	-1.004	344	7.02	-0.905	394	8.41	1.120
245	4.26	3.045	295	5.42	-1.623	345	7.05	-1.522	395	8.46	-0.114
246	4.28	2.426	296	5.43	-1.994	346	7.08	-1.764	396	8.52	-1.348
247	4.30	1.429	297	5.48	-0.110	347	7.11	-1.505	397	8.55	-2.338
248	4.31	1.183	298	5.49	1.395	348	7.15	-1.493	398	8.59	-2.076
249	4.32	1.186	299	5.52	0.529	349	7.20	0.646	399	8.63	-0.442
250	4.34	1.192	300	5.60	0.178	350	7.23	0.653	400	8.65	0.180

INDEX NO. 301		503-GR-11	KANIONZAKI	U-D	MAX.ACCEL. =	-0.438(GAL)	T = 2.58(SEC)	NO. 3
NO.	(SEC)		(GAL)					
401	8.69		2.449					
402	8.72		1.207					
403	8.74		-0.410					
404	8.77		-1.901					
405	8.82		-1.263					
406	8.84		-0.630					
407	8.88		0.254					
408	8.92		-0.108					

Table IV D-3. Digitized Accelerations of Earthquake Record with Index Number 302

INDEX NO.	302	902-GR-11	KANAGAWA	N-S	MAX. ACCEL. = -33.879(GAL)	T = 1.16(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.00	1.130	51 2.72	-7.629	101 5.20	2.380		
2 0.10	-1.379	52 2.72	-8.079	102 6.26	2.630		
3 0.20	-3.129	53 2.80	6.130	103 6.30	7.380		
4 0.27	2.380	54 2.90	1.130	104 6.40	1.380		
5 0.30	-5.129	55 2.97	2.380	105 6.47	1.130		
6 0.31	-8.079	56 3.00	-3.079	106 6.50	2.630		
7 0.40	13.530	57 3.10	-0.129	107 6.57	1.380		
8 0.46	-11.379	58 3.17	6.130	108 6.60	3.880		
9 0.50	-0.129	59 3.20	1.130	109 6.70	3.630		
10 0.52	5.630	60 3.30	-1.379	110 6.77	1.130		
11 0.56	-11.379	61 3.40	1.130	111 6.80	2.380		
12 0.66	-8.079	62 3.42	2.380	112 6.90	1.130		
13 0.63	13.630	63 3.43	1.130	113 7.00	3.630		
14 0.70	-6.379	64 3.50	2.380				
15 0.77	3.630	65 3.58	0.630				
16 0.80	-8.079	66 3.60	7.380				
17 0.83	-25.129	67 3.70	-6.379				
18 0.90	3.630	68 3.80	1.130				
19 0.94	-6.079	69 3.85	4.880				
20 1.00	11.130	70 3.90	3.630				
21 1.06	29.380	71 4.00	1.130				
22 1.10	3.630	72 4.10	3.630				
23 1.16	-33.879	73 4.20	-8.079				
24 1.20	-8.079	74 4.30	3.630				
25 1.23	16.130	75 4.40	2.380				
26 1.25	16.130	76 4.50	-7.629				
27 1.30	17.380	77 4.55	2.380				
28 1.40	-25.129	78 4.60	-0.129				
29 1.42	-31.379	79 4.70	3.630				
30 1.50	-0.129	80 4.80	1.130				
31 1.52	12.380	81 4.82	2.380				
32 1.57	4.880	82 4.85	-6.379				
33 1.60	9.880	83 4.90	-5.129				
34 1.70	-8.079	84 4.95	2.380				
35 1.80	0.630	85 5.00	1.130				
36 1.90	3.630	86 5.04	-0.129				
37 2.00	5.630	87 5.10	3.630				
38 2.09	-10.129	88 5.20	-3.079				
39 2.10	-8.079	89 5.30	3.630				
40 2.13	-0.129	90 5.35	2.380				
41 2.20	-5.129	91 5.40	3.630				
42 2.21	-2.629	92 5.50	1.130				
43 2.24	-3.079	93 5.52	2.380				
44 2.30	4.880	94 5.60	1.380				
45 2.35	11.130	95 5.70	2.380				
46 2.40	-8.079	96 5.77	2.630				
47 2.47	12.380	97 5.80	1.380				
48 2.50	1.130	98 5.90	1.130				
49 2.53	-7.629	99 6.00	6.630				
50 2.60	4.880	100 5.10	7.630				

Table IV D-4. Digitized Accelerations of Earthquake Record with Index Number 303

INDEX NO.	303	902-GR-26	NISHIARAI BRIDGE LG.	MAX.ACCEL.=	39.380(GAL)	T= 0.90(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	4.380	51 3.00	-11.879	101 5.90	-1.879	151 6.75	-1.879
2 0.10	1.880	52 3.03	-13.129	102 5.95	-3.129	152 6.80	-1.879
3 0.20	1.880	53 3.07	-8.129	103 6.00	-10.629	153 6.82	-1.879
4 0.30	0.630	54 3.10	-6.079	104 6.10	-1.879	154 6.90	-1.879
5 0.40	1.880	55 3.12	-5.629	105 6.15	-0.629	155 6.91	-0.629
6 0.50	4.380	56 3.20	13.130	106 6.20	-3.129	156 6.96	-5.629
7 0.60	-5.629	57 3.22	15.630	107 6.30	4.380	157 9.00	-1.879
8 0.70	-4.379	58 3.30	3.130	108 6.33	5.630		
9 0.78	-15.629	59 3.33	1.880	109 6.40	1.880		
10 0.80	-14.379	60 3.36	3.130	110 6.45	1.250		
11 6.90	39.380	61 3.40	1.880	111 6.50	3.130		
12 0.96	24.380	62 3.45	4.380	112 6.55	5.630		
13 1.00	21.880	63 3.50	0.630	113 6.60	1.880		
14 1.03	20.630	64 3.57	-9.379	114 6.64	-0.629		
15 1.10	-13.129	65 3.60	-8.129	115 6.67	-0.629		
16 1.13	-25.629	66 3.70	3.130	116 6.70	-0.629		
17 1.20	-29.379	67 3.80	-8.129	117 6.74	-0.629		
18 1.24	-35.629	68 3.83	-9.379	118 6.80	2.500		
19 1.30	-21.879	69 3.90	0.630	119 6.90	0.630		
20 1.32	-19.379	70 3.97	11.880	120 7.00	1.250		
21 1.40	23.130	71 4.00	9.380	121 7.06	-3.129		
22 1.45	24.380	72 4.04	1.880	122 7.10	-3.129		
23 1.50	33.130	73 4.08	1.880	123 7.12	-3.129		
24 1.56	-8.129	74 4.10	0.630	124 7.16	-4.379		
25 1.66	1.880	75 4.15	-0.629	125 7.20	-1.879		
26 1.70	-8.129	76 4.20	0.630	126 7.29	-1.879		
27 1.73	-8.129	77 4.24	1.880	127 7.30	4.380		
28 1.80	-16.879	78 4.30	-5.629	128 7.35	3.130		
29 1.83	-20.629	79 4.35	-8.129	129 7.40	4.380		
30 1.90	-5.629	80 4.40	-6.079	130 7.50	11.880		
31 1.96	-0.629	81 4.50	4.380	131 7.60	-1.879		
32 2.00	-1.879	82 4.60	-1.879	132 7.67	-0.129		
33 2.07	14.380	83 4.70	4.380	133 7.70	-8.129		
34 2.10	14.380	84 4.75	5.630	134 7.80	1.880		
35 2.18	14.380	85 4.80	1.880	135 7.85	4.380		
36 2.20	11.880	86 4.87	-8.129	136 7.90	3.130		
37 2.30	-19.379	87 4.90	-6.079	137 7.95	1.880		
38 2.38	1.880	88 4.98	4.380	138 8.00	2.500		
39 2.40	-0.629	89 5.00	5.630	139 8.05	1.880		
40 2.48	-15.629	90 5.10	-9.379	140 8.10	2.500		
41 2.50	-14.379	91 5.20	3.180	141 8.15	1.880		
42 2.60	16.880	92 5.28	1.880	142 8.20	3.130		
43 2.64	15.630	93 5.30	1.980	143 8.30	-8.129		
44 2.68	16.880	94 5.33	1.880	144 8.32	-9.379		
45 2.70	14.380	95 5.40	-3.129	145 8.40	1.880		
46 2.77	1.880	96 5.50	-0.629	146 8.45	-0.629		
47 2.80	1.880	97 5.60	4.380	147 8.50	3.130		
48 2.82	1.880	98 5.70	4.380	148 8.55	3.130		
49 2.90	-13.129	99 5.80	5.630	149 8.60	8.130		
50 2.97	-10.629	100 5.85	-1.879	150 8.70	5.130		

Table IV D-5. Digitized Accelerations of Earthquake Record with Index Number 304

INDEX NO.	304	1972-06-26	HISHIARAI BRIDGE U-D	MAX.ACCEL.a	7.895(GAL)	T. 0.95(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 3.0	-4.311	31 2.07	-0.793	101 1.51	3.871	151 2.22	3.758
2 0.03	-0.933	32 0.43	-0.454	102 1.52	3.872	152 2.23	3.959
3 2.04	-1.192	33 2.70	-2.077	103 1.53	1.749	153 2.24	1.210
4 3.05	-2.150	34 3.91	-2.700	104 1.54	0.509	154 2.25	1.036
5 0.07	-2.174	35 0.92	-3.323	105 1.55	-0.996	155 2.26	1.587
6 0.07	-1.550	36 0.74	-3.946	106 1.56	-1.620	156 2.27	0.963
7 0.11	-0.679	37 0.45	-3.944	107 1.58	-3.243	157 2.28	-0.284
8 0.12	-0.326	38 0.27	-4.192	108 1.59	-3.867	158 2.29	-0.657
9 0.14	1.572	39 0.23	-4.191	109 1.60	-4.741	159 2.30	-1.260
10 0.15	2.235	40 1.20	-4.566	110 1.62	-5.114	160 2.32	-1.530
11 0.18	1.759	41 1.22	-4.313	111 1.63	-5.112	161 2.33	-1.903
12 0.19	1.505	42 1.03	-3.060	112 1.64	-4.661	162 2.34	-2.526
13 0.20	1.547	43 1.04	-2.434	113 1.65	-4.234	163 2.35	-2.275
14 0.22	0.963	44 1.20	-1.606	114 1.66	-4.233	164 2.36	-1.521
15 0.24	1.215	45 1.26	-0.804	115 1.68	-3.856	165 2.39	-0.395
16 0.26	1.644	46 1.39	-0.553	116 1.70	-2.979	166 2.41	0.855
17 0.26	1.845	47 3.11	-0.426	117 1.71	-2.353	167 2.42	1.856
18 0.30	1.347	48 1.13	-1.949	118 1.72	-1.351	168 2.43	2.733
19 0.32	0.350	49 1.14	-1.672	119 1.73	-0.726	169 2.45	3.986
20 0.33	-0.521	50 1.15	-2.046	120 1.74	0.774	170 2.47	6.362
21 0.36	-1.144	71 1.16	-2.294	121 1.75	2.026	171 2.48	3.739
22 0.36	-1.517	72 1.17	-2.918	122 1.77	3.278	172 2.49	3.115
23 0.38	-1.764	73 1.18	-2.917	123 1.79	3.655	173 2.50	2.241
24 0.40	-1.762	74 1.20	-2.416	124 1.80	3.656	174 2.52	-0.805
25 0.42	-1.510	75 1.21	-2.039	125 1.81	3.658	175 2.53	-0.628
26 0.43	-1.259	76 1.23	-1.411	126 1.83	2.410	176 2.54	-1.252
27 0.47	-1.504	77 1.24	-1.150	127 1.84	1.786	177 2.55	-2.750
28 0.49	-1.251	78 1.25	-0.158	128 1.85	1.162	178 2.56	-3.124
29 0.51	-2.124	79 1.26	0.091	129 1.86	0.539	179 2.58	-1.122
30 0.53	-2.122	80 1.27	1.092	130 1.88	0.291	180 2.59	-2.672
31 0.54	-1.870	81 1.24	1.718	131 1.89	0.293	181 2.60	-2.245
32 0.57	-1.242	82 1.29	2.594	132 1.90	-0.079	182 2.62	-2.242
33 0.58	-0.619	83 1.30	3.595	133 1.91	-0.078	183 2.64	-1.615
34 0.60	-0.238	84 1.31	3.597	134 1.93	-0.076	184 2.65	-0.363
35 0.61	0.011	85 1.32	3.140	135 1.94	-0.324	185 2.66	0.262
36 0.63	0.014	86 1.34	2.100	136 1.96	-0.697	186 2.68	0.537
37 0.65	-0.232	87 1.35	1.726	137 1.98	-1.320	187 2.69	0.809
38 0.66	-0.231	88 1.36	1.103	138 1.99	-1.560	188 2.71	0.641
39 0.67	1.545	89 1.37	0.229	139 2.01	-1.941	189 2.72	0.892
40 0.70	2.396	90 1.38	0.230	140 2.03	-1.939	190 2.74	1.520
41 0.71	4.774	91 1.39	-0.391	141 2.04	-1.688	191 2.75	1.896
42 0.74	5.402	92 1.40	-0.390	142 2.06	-1.560	192 2.76	1.273
43 0.75	5.653	93 1.42	-0.138	143 2.09	-1.307	193 2.78	0.650
44 0.76	6.030	94 1.43	1.112	144 2.11	-1.054	194 2.79	0.401
45 0.78	5.782	95 1.45	1.739	145 2.13	-0.052	195 2.80	-0.221
46 0.79	5.409	96 1.46	1.090	146 2.15	0.574	196 2.81	-1.219
47 0.81	4.786	97 1.47	2.992	147 2.17	0.826	197 2.82	-2.882
48 0.83	4.163	98 1.48	3.243	148 2.19	0.823	198 2.83	-2.717
49 0.84	3.543	99 1.49	3.857	149 2.20	0.830	199 2.84	-3.341
50 0.86	2.042	100 1.50	3.970	150 2.21	1.207	200 2.85	-3.339

INDEX NO. 304	1972-06-26	HISHIARAI BRIDGE U-D	MAX. ACCEL. a	7.895(GAL)	T= 0.95(SEC)	NO. 2	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 2.87	-3.337	251 3.52	0.740	301 4.65	3.376	351 5.60	-1.133
202 2.89	-3.085	252 3.53	1.366	302 4.66	2.752	352 5.62	-0.680
203 2.90	-2.459	253 3.54	1.618	303 4.68	1.255	353 5.64	-0.628
204 2.91	-2.207	254 3.56	1.904	304 4.71	0.683	354 5.65	0.623
205 2.92	-1.206	255 3.58	0.748	305 4.73	-0.362	355 5.66	0.990
206 2.94	-0.329	256 3.59	0.498	306 4.75	-1.610	356 5.67	1.874
207 2.95	0.670	257 3.61	-0.123	307 4.76	-3.108	357 5.69	3.126
208 2.96	1.297	258 3.62	-0.121	308 4.78	-3.731	358 5.70	3.502
209 2.97	2.123	259 3.63	0.128	309 4.80	-3.479	359 5.71	3.253
210 2.98	2.549	260 3.65	0.755	310 4.84	-1.599	360 5.72	2.629
211 2.99	3.175	261 3.66	0.757	311 4.87	-0.096	361 5.73	1.631
212 3.01	3.427	262 3.68	0.759	312 4.90	1.780	362 5.75	0.758
213 3.02	3.179	263 3.70	0.512	313 4.91	2.782	363 5.77	-0.863
214 3.03	2.930	264 3.73	-1.108	314 4.93	3.659	364 5.78	-2.361
215 3.04	-0.931	265 3.75	-1.106	315 4.94	4.036	365 5.81	-2.982
216 3.05	1.307	266 3.76	-0.854	316 4.95	4.287	366 5.83	-3.605
217 3.06	0.057	267 3.78	-0.227	317 4.97	4.039	367 5.86	-3.602
218 3.08	-1.186	268 3.80	0.148	318 4.99	3.167	368 5.88	-2.724
219 3.09	-1.810	269 3.83	-0.095	319 5.01	1.920	369 5.90	-1.472
220 3.10	-2.060	270 3.87	-0.466	320 5.03	0.921	370 5.91	0.027
221 3.11	-2.059	271 3.90	-1.087	321 5.06	-0.948	371 5.92	1.279
222 3.12	-2.432	272 3.92	-1.709	322 5.08	-2.445	372 5.94	1.657
223 3.13	-2.431	273 3.95	-1.456	323 5.11	-3.442	373 5.97	0.785
224 3.14	-2.100	274 3.97	-0.203	324 5.13	-3.689	374 5.98	0.161
225 3.15	-0.920	275 3.99	1.422	325 5.15	-2.813	375 6.00	-0.459
226 3.16	-0.552	276 4.02	2.675	326 5.17	-2.185	376 6.02	-1.082
227 3.18	-0.549	277 4.04	2.427	327 5.19	-0.932	377 6.04	-1.080
228 3.19	-1.173	278 4.05	1.179	328 5.21	-0.055	378 6.06	-0.828
229 3.22	-1.795	279 4.09	0.184	329 5.22	0.570	379 6.08	0.048
230 3.23	-2.043	280 4.12	-0.061	330 5.25	0.573	380 6.10	1.051
231 3.25	-1.791	281 4.14	-0.058	331 5.26	0.950	381 6.12	1.303
232 3.26	-1.540	282 4.18	0.194	332 5.28	1.571	382 6.14	1.680
233 3.27	-0.913	283 4.20	0.822	333 5.30	1.579	383 6.17	1.059
234 3.28	-0.287	284 4.22	1.075	334 5.32	0.956	384 6.20	0.188
235 3.29	0.962	285 4.25	1.453	335 5.34	0.084	385 6.21	-0.809
236 3.30	1.508	286 4.24	1.206	336 5.35	-0.538	386 6.24	-2.056
237 3.32	2.591	287 4.30	-0.414	337 5.36	-0.912	387 6.26	-2.304
238 3.33	2.592	288 4.33	-1.036	338 5.38	-1.784	388 6.28	-2.301
239 3.35	1.969	289 4.35	-0.783	339 5.40	-2.407	389 6.30	-2.299
240 3.36	1.721	290 4.38	0.469	340 5.41	-1.905	390 6.32	-1.421
241 3.38	1.097	291 4.41	1.097	341 5.43	-0.653	391 6.34	-0.794
242 3.40	-0.773	292 4.45	0.852	342 5.45	0.597	392 6.36	0.682
243 3.41	-1.367	293 4.46	0.228	343 5.46	1.849	393 6.37	0.708
244 3.43	-2.020	294 4.47	-0.642	344 5.47	2.225	394 6.40	1.087
245 3.44	-2.393	295 4.51	-1.264	345 5.49	1.977	395 6.43	0.640
246 3.45	-2.016	296 4.54	-1.261	346 5.51	1.605	396 6.45	-0.156
247 3.47	-1.264	297 4.56	-0.758	347 5.53	1.607	397 6.47	-1.403
248 3.48	-2.763	298 4.57	1.118	348 5.54	1.358	398 6.49	-1.651
249 3.50	-2.154	299 4.59	2.745	349 5.56	0.111	399 6.51	-1.648
250 3.51	-0.510	300 4.62	3.995	350 5.58	-0.685	400 6.53	-1.396

INDEX NO.	324	702-GN-26	NISHIARA BRIDGE U-O	MAX. ACCEL. #	7.895 (GAL)	T = 0.95 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401 0.55	-0.118	451 7.51	3.673	501 0.32	-2.430	551 9.06	-3.590
402 0.57	0.732	452 7.51	1.220	502 0.33	3.678	552 9.07	2.088
403 0.60	1.735	453 7.52	-0.652	503 0.35	-5.176	553 9.08	-2.462
404 0.62	1.785	454 7.53	-1.526	504 0.37	-5.209	554 9.09	0.787
405 0.65	2.365	455 7.54	-3.400	505 0.38	-3.673	555 9.10	2.913
406 0.65	2.370	456 7.55	-5.273	506 0.40	-1.796	556 9.11	3.915
407 0.71	0.671	457 7.55	-6.272	507 0.41	-0.544	557 9.13	4.543
408 0.73	0.676	458 7.59	-6.269	508 0.42	1.331	558 9.15	4.544
409 0.75	-0.119	459 7.60	-5.392	509 0.44	2.583	559 9.17	3.922
410 0.77	-0.357	460 7.61	-5.641	510 0.46	3.210	560 9.18	2.423
411 0.80	-0.969	461 7.63	-4.388	511 0.48	3.462	561 9.20	1.175
412 0.82	-2.230	462 7.65	-3.136	512 0.49	4.090	562 9.21	-0.655
413 0.84	-3.233	463 7.65	-1.634	513 0.51	4.717	563 9.23	-3.195
414 0.85	-2.597	464 7.68	-0.633	514 0.53	4.219	564 9.24	-4.193
415 0.87	-2.355	465 7.70	0.242	515 0.55	3.222	565 9.25	-5.442
416 0.89	-1.725	466 7.72	0.621	516 0.57	1.724	566 9.27	-6.315
417 0.91	-1.180	467 7.75	1.874	517 0.60	0.102	567 9.28	-6.888
418 0.94	-0.097	468 7.77	2.501	518 0.62	-0.769	568 9.29	-6.083
419 0.97	0.536	469 7.78	2.503	519 0.63	-1.141	569 9.31	-5.185
420 0.99	0.533	470 7.81	2.756	520 0.65	-0.264	570 9.32	-3.933
421 7.03	0.287	471 7.82	2.257	521 0.67	0.986	571 9.34	-2.056
422 7.05	0.289	472 7.83	1.883	522 0.68	1.613	572 9.35	-0.429
423 7.07	-0.331	473 7.84	1.260	523 0.70	2.240	573 9.37	1.071
424 7.09	-1.328	474 7.86	0.637	524 0.71	1.991	574 9.39	2.698
425 7.11	-1.576	475 7.88	1.264	525 0.73	1.118	575 9.40	3.575
426 7.13	-1.574	476 7.90	1.092	526 0.74	0.120	576 9.42	4.576
427 7.16	-1.321	477 7.92	2.769	527 0.76	-2.001	577 9.43	5.453
428 7.17	-0.444	478 7.94	3.376	528 0.77	-3.624	578 9.44	6.079
429 7.19	0.552	479 7.95	3.378	529 0.79	-4.673	579 9.46	6.681
430 7.21	1.609	480 7.97	3.400	530 0.80	-5.405	580 9.48	5.209
431 7.23	3.311	481 7.99	2.902	531 0.81	-5.745	581 9.49	3.980
432 7.24	4.313	482 8.00	1.904	532 0.82	-5.743	582 9.51	2.712
433 7.25	4.564	483 8.02	0.408	533 0.83	-5.492	583 9.52	1.463
434 7.27	4.566	484 8.04	-1.215	534 0.85	-3.990	584 9.53	0.215
435 7.28	4.317	485 8.06	-2.712	535 0.86	-1.738	585 9.55	-1.030
436 7.29	3.444	486 8.07	-3.960	536 0.87	-0.237	586 9.58	-1.028
437 7.30	2.445	487 8.09	-4.333	537 0.88	2.887	587 9.60	-0.400
438 7.32	1.197	488 8.11	-4.956	538 0.89	4.513	588 9.63	-0.147
439 7.33	-0.674	489 8.13	-4.703	539 0.90	5.765	589 9.65	0.479
440 7.35	-1.547	490 8.16	-3.074	540 0.92	7.017	590 9.67	0.857
441 7.36	-2.171	491 8.18	-2.197	541 0.94	7.894	591 9.70	0.860
442 7.38	-2.169	492 8.19	-0.945	542 0.95	7.895	592 9.72	1.487
443 7.39	-1.292	493 8.21	0.679	543 0.96	6.396	593 9.73	0.864
444 7.40	-0.041	494 8.23	2.182	544 0.97	4.523	594 9.75	-0.382
445 7.41	1.208	495 8.24	3.433	545 0.98	2.399	595 9.76	-1.255
446 7.42	2.084	496 8.25	3.810	546 0.99	0.525	596 9.79	-2.252
447 7.43	3.336	497 8.26	3.561	547 0.00	-1.697	597 9.80	-2.251
448 7.45	3.983	498 8.27	3.188	548 9.01	-1.970	598 9.83	-2.873
449 7.47	4.340	499 8.29	1.689	549 9.03	-4.468	599 9.85	-2.870
450 7.48	4.991	500 8.31	-1.181	550 9.05	-4.465	600 9.87	-1.368

INDEX NO.	304	902-GN-26	NISHIARA BRIDGE U-O	MAX. ACCEL. #	7.895 (GAL)	T = 0.95 (SEC)	NO. 4
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
601 9.88	-0.367	651 10.67	0.101	701 11.58	0.461	751 12.67	-1.278
602 9.89	0.683	652 10.69	-0.519	702 11.59	-0.180	752 12.70	-0.409
603 9.92	3.012	653 10.70	0.356	703 11.61	-0.783	753 12.73	0.226
604 9.94	4.014	654 10.72	0.984	704 11.63	-1.656	754 12.75	0.855
605 9.96	4.266	655 10.74	1.880	705 11.65	-2.028	755 12.78	1.483
606 9.98	4.019	656 10.76	1.613	706 11.66	-1.401	756 12.81	2.112
607 10.00	3.146	657 10.78	1.615	707 11.68	-0.149	757 12.83	3.114
608 10.02	1.273	658 10.81	-0.505	708 11.70	1.351	758 12.85	3.116
609 10.03	-0.598	659 10.82	-1.754	709 11.72	1.979	759 12.88	2.495
610 10.05	-1.847	660 10.83	-3.002	710 11.74	1.731	760 12.89	2.497
611 10.06	-2.845	661 10.84	-4.250	711 11.76	0.484	761 12.91	2.249
612 10.07	-2.843	662 10.86	-4.874	712 11.77	-0.763	762 12.94	1.877
613 10.08	-3.092	663 10.87	-5.497	713 11.79	-2.636	763 12.97	1.006
614 10.11	-3.464	664 10.89	-5.495	714 11.81	-3.258	764 13.00	0.385
615 10.13	-2.837	665 10.90	-3.368	715 11.83	-4.130	765 13.04	0.390
616 10.14	-1.585	666 10.91	-1.242	716 11.85	-4.504	766 13.08	0.019
617 10.16	-0.983	667 10.94	0.384	717 11.86	-4.252	767 13.11	-0.850
618 10.17	1.542	668 10.95	1.261	718 11.88	-2.374	768 13.14	-0.847
619 10.18	2.417	669 10.96	1.887	719 11.91	-0.406	769 13.17	-2.093
620 10.19	4.294	670 10.99	1.890	720 11.94	1.380	770 13.19	-2.466
621 10.21	5.546	671 11.02	2.269	721 11.97	2.384	771 13.20	-3.089
622 10.22	5.548	672 11.03	2.270	722 11.99	3.261	772 13.23	-1.835
623 10.24	5.300	673 11.05	2.272	723 12.01	3.638	773 13.26	-1.207
624 10.27	3.604	674 11.06	0.774	724 12.03	4.268	774 13.27	-1.201
625 10.29	2.180	675 11.07	-0.473	725 12.05	4.519	775 13.30	-1.453
626 10.30	1.307	676 11.08	-1.721	726 12.07	4.021	776 13.32	-2.074
627 10.31	0.059	677 11.11	-3.594	727 12.09	2.774	777 13.35	-2.072
628 10.33	-2.188	678 11.13	-3.341	728 12.10	1.775	778 13.37	-1.569
629 10.35	-3.435	679 11.14	-2.089	729 12.12	0.902	779 13.39	-0.566
630 10.37	-4.308	680 11.16	-0.837	730 12.15	-0.716	780 13.41	0.309
631 10.38	-4.931	681 11.18	0.413	731 12.18	-1.338	781 13.44	1.563
632 10.40	-5.554	682 11.20	2.290	732 12.23	-1.332	782 13.45	2.564
633 10.42	-5.552	683 11.21	3.542	733 12.26	-1.320	783 13.48	3.567
634 10.43	-5.100	684 11.23	4.795	734 12.29	-1.325	784 13.52	1.947
635 10.44	-4.675	685 11.25	5.047	735 12.31	-0.697	785 13.55	0.450
636 10.45	-3.173	686 11.27	4.800	736 12.34	-0.069	786 13.57	-0.545
637 10.46	-1.297	687 11.29	3.927	737 12.36	0.807	787 13.61	-1.165
638 10.47	-0.045	688 11.31	2.929	738 12.38	1.434	788 13.64	-2.036
639 10.48	1.204	689 11.33	1.681	739 12.41	1.813	789 13.66	-2.409
640 10.49	2.455	690 11.35	-0.189	740 12.42	2.064	790 13.69	-1.530
641 10.51	4.707	691 11.36	-1.688	741 12.45	0.942	791 13.71	-0.904
642 10.52	5.333	692 11.38	-2.685	742 12.47	-0.928	792 13.74	0.723
643 10.53	5.335	693 11.41	-3.307	743 12.49	-2.176	793 13.76	1.076
644 10.54	5.086	694 11.43	-3.929	744 12.50	-3.425	794 13.78	3.229
645 10.56	4.089	695 11.45	-3.927	745 12.52	-4.422	795 13.81	4.106
646 10.57	2.840	696 11.47	-3.049	746 12.53	-5.295	796 13.83	3.859
647 10.59	2.592	697 11.50	-1.796	747 12.55	-5.295	797 13.85	2.612
648 10.60	1.968	698 11.52	-0.793	748 12.57	-5.415	798 13.88	1.365
649 10.62	0.721	699 11.54	-0.457	749 12.60	-3.537	799 13.91	-0.130
650 10.65	0.350	700 11.56	0.709	750 12.63	-2.283	800 13.94	-2.000

INDEX NO.	304	902-G-76	NISHIARAI BRIDGE U-D	MAX. ACCEL.	7.895(GAL)	T = 0.95(SEC)	NO. 5
NO.	(SEC)	(GAL)					
801	13.96	-2.999					
802	13.98	-1.999					
803	14.01	-3.664					
804	14.03	-2.114					
805	14.05	-0.237					
806	14.08	0.763					
807	14.09	1.396					
808	14.12	0.769					
809	14.13	-0.102					
810	14.15	-1.350					
811	14.18	-1.972					
812	14.19	-2.355					
813	14.21	-1.092					
814	14.23	-0.465					
815	14.26	0.786					
816	14.28	2.039					
817	14.29	2.292					
818	14.32	2.419					
819	14.35	2.067					
820	14.37	1.425					
821	14.39	2.602					
822	14.42	-0.462					
823	14.45	-1.313					
824	14.47	-1.310					
825	14.49	-1.933					
826	14.53	-1.429					
827	14.55	-0.801					
828	14.56	0.449					
829	14.59	0.827					
830	14.61	1.079					
831	14.63	0.207					
832	14.65	-0.663					
833	14.66	-1.037					
834	14.68	-1.265					
835	14.70	-1.283					
836	14.72	-0.780					
837	14.74	-0.152					
838	14.77	-0.399					
839	14.80	-0.396					
840	14.81	0.229					
841	14.84	0.482					
842	14.86	0.485					
843	14.87	0.487					
844	14.89	0.489					
845	14.92	0.243					
846	14.94	-0.370					

Table IV D-6. Digitized Accelerations of Earthquake Record with Index Number 305

INDEX NO.	305	902-G-76	NISHIARAI BRIDGE TR.	MAX. ACCEL.	-51.999(GAL)	T = 1.57(SEC)	NO. 1	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	-4.499	51	2.80	0.500	101	5.20	0.750
2	0.10	-1.999	52	2.85	1.750	102	5.26	0.500
3	0.20	-4.499	53	2.90	15.500	103	5.30	8.000
4	0.23	-4.499	54	2.92	16.750	104	5.32	10.500
5	0.30	-1.999	55	3.00	11.750	105	5.38	8.000
6	0.40	-3.249	56	3.06	16.750	106	5.40	9.250
7	0.43	-3.079	57	3.10	-1.999	107	5.45	10.500
8	0.46	-3.249	58	3.13	-6.999	108	5.50	1.750
9	0.50	-3.879	59	3.17	-5.749	109	5.55	0.500
10	0.53	-4.499	60	3.20	-6.999	110	5.60	-3.249
11	0.60	0.500	61	3.25	-18.249	111	5.70	-9.499
12	0.70	-6.999	62	3.30	-11.999	112	5.78	-9.499
13	0.76	-4.499	63	3.37	-9.499	113	5.80	-5.749
14	0.80	-5.749	64	3.40	-4.499	114	5.83	-0.749
15	0.90	-16.999	65	3.45	8.000	115	5.90	0.500
16	1.00	-5.129	66	3.50	8.000	116	5.93	4.250
17	1.04	-14.499	67	3.53	8.000	117	6.00	5.500
18	1.10	9.250	68	3.60	18.000	118	6.03	8.000
19	1.17	33.000	69	3.68	-9.499	119	6.10	6.750
20	1.20	33.000	70	3.70	-9.499	120	6.14	9.250
21	1.23	33.000	71	3.74	-9.499	121	6.20	0.500
22	1.30	35.500	72	3.76	-10.749	122	6.30	-1.999
23	1.35	29.250	73	3.80	-5.749	123	6.36	3.000
24	1.40	-14.499	74	3.86	3.000	124	6.40	-0.749
25	1.45	-44.499	75	3.90	0.500	125	6.49	-5.999
26	1.50	-36.999	76	3.95	-8.249	126	6.50	-5.749
27	1.57	-51.999	77	4.00	9.500	127	6.52	-3.249
28	1.60	-49.499	78	4.10	-0.749	128	6.60	-3.249
29	1.70	8.000	79	4.13	1.750	129	6.67	-3.249
30	1.75	11.750	80	4.20	-1.999	130	6.70	-5.749
31	1.80	6.750	81	4.30	5.500	131	6.75	1.750
32	1.87	13.000	82	4.35	8.000	132	6.80	5.500
33	1.90	9.250	83	4.40	5.500	133	6.90	18.000
34	1.97	-5.249	84	4.48	-4.499	134	7.00	8.000
35	2.00	-3.879	85	4.50	-3.249	135	7.10	-0.749
36	2.03	-1.999	86	4.60	5.500	136	7.12	-1.999
37	2.10	8.000	87	4.62	6.750	137	7.18	-0.749
38	2.15	14.250	88	4.70	-4.499	138	7.20	-3.249
39	2.20	0.500	89	4.75	0.500	139	7.22	-4.499
40	2.23	-1.999	90	4.80	1.750	140	7.28	-4.499
41	2.30	3.000	91	4.83	-6.999	141	7.30	-6.999
42	2.40	-5.749	92	4.90	-9.477	142	7.35	-13.249
43	2.45	-5.749	93	4.93	-8.249	143	7.40	-10.749
44	2.50	-10.749	94	4.98	-11.999	144	7.50	8.000
45	2.57	-0.749	95	5.00	-6.999	145	7.55	18.000
46	2.60	-4.499	96	5.03	1.750	146	7.60	14.250
47	2.62	-9.499	97	5.08	3.000	147	7.64	14.250
48	2.67	-10.749	98	5.10	5.500	148	7.70	8.000
49	2.70	-18.999	99	5.12	8.000	149	7.80	-1.999
50	2.72	-18.249	100	5.18	-0.749	150	7.90	3.000

Table IV D-7. Digitized Accelerations of Earthquake Record with Index Number 306

INDEX NO.	306	1108-GR-7	ICHINOHASHI B.	TR.	MAX. ACCEL. = -55.879 (GAL)	T = 1.00 (SEC)	NO.	1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	-2.129	51	3.40	-2.129	101	7.00	-3.379
2	0.10	0.380	52	3.45	7.880	102	7.10	0.380
3	0.20	1.630	53	3.55	9.130	103	7.18	-1.499
4	0.25	1.630	54	3.60	0.380	104	7.20	0.380
5	0.30	-2.129	55	3.65	-8.379	105	7.27	4.130
6	0.38	-15.879	56	3.70	-5.079	106	7.30	5.380
7	0.40	-14.629	57	3.77	9.130	107	7.34	6.630
8	0.50	0.380	58	3.80	6.630	108	7.40	0.380
9	0.55	25.380	59	3.90	0.380	109	7.50	-8.379
10	0.60	25.380	60	3.95	-5.079	110	7.55	-13.379
11	0.70	0.380	61	4.00	-4.629	111	7.60	-9.629
12	0.75	0.380	62	4.10	-2.129	112	7.70	4.130
13	0.80	12.880	63	4.15	6.630	113	7.80	2.880
14	0.85	22.880	64	4.20	4.130	114	7.90	-0.879
15	0.90	-18.129	65	4.30	1.630	115	8.00	0.380
16	1.00	-55.879	66	4.40	-0.879	116	8.10	-4.629
17	1.10	25.380	67	4.50	-0.879	117	8.15	-7.129
18	1.18	45.380	68	4.60	-3.379	118	8.20	-5.079
19	1.20	45.380	69	4.65	-4.629	119	8.26	10.380
20	1.30	-7.129	70	4.70	-12.129	120	8.30	7.880
21	1.35	-18.379	71	4.80	4.130	121	8.40	-2.129
22	1.40	0.380	72	4.90	9.130	122	8.46	-9.629
23	1.43	11.630	73	5.00	0.380	123	8.50	-0.379
24	1.50	9.130	74	5.10	-4.629	124	8.60	-2.129
25	1.57	-2.129	75	5.17	-10.879	125	8.70	4.130
26	1.60	-1.499	76	5.20	-8.379	126	8.75	5.380
27	1.70	0.380	77	5.30	1.630	127	8.80	1.630
28	1.78	-2.129	78	5.36	12.880	128	8.90	-5.079
29	1.80	-0.879	79	5.40	7.880	129	9.00	-0.879
30	1.84	2.880	80	5.50	-4.629	130	9.10	1.630
31	1.88	-2.129	81	5.55	-8.379	131	9.20	-4.629
32	1.90	-4.629	82	5.60	-5.079	132	9.26	-10.879
33	2.00	9.130	83	5.70	0.380	133	9.30	-0.879
34	2.05	11.630	84	5.80	-0.879	134	9.40	0.380
35	2.10	-8.379	85	5.85	-10.879	135	9.50	-0.879
36	2.20	-12.129	86	5.90	-8.379	136	9.60	-2.129
37	2.30	12.880	87	5.95	0.380	137	9.70	0.380
38	2.35	14.130	88	6.00	6.630	138	9.78	1.630
39	2.40	14.750	89	6.05	6.630	139	9.80	0.380
40	2.50	-5.679	90	6.10	2.880	140	9.90	-0.879
41	2.60	-7.129	91	6.15	-4.629	141	10.00	-7.129
42	2.70	1.630	92	6.20	-3.379	142	10.10	-0.879
43	2.75	4.130	93	6.30	2.880	143	10.15	0.380
44	2.80	1.630	94	6.40	-2.129	144	10.20	-0.879
45	2.90	5.380	95	6.50	-9.629	145	10.30	-3.379
46	3.00	0.380	96	6.60	2.250	146	10.40	-2.129
47	3.10	-0.879	97	6.70	9.130	147	10.50	-0.879
48	3.18	4.130	98	6.80	-2.129	148	10.60	-2.129
49	3.20	1.630	99	6.83	-13.379	149	10.70	-0.879
50	3.30	-2.129	100	6.90	-12.129	150	10.80	-2.129

Table IV D-8. Digitized Accelerations of Earthquake Record with Index Number 307

INDEX NO.	307	1108-GR-7	ICHINOHASHI B.	U-0	MAX.ACCEL.=	11.867(GAL)	T=	3.31(SEC)		NO. 1	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	-0.940	51	0.68	-3.002	101	1.35	-2.680	151	2.01	-1.875
2	0.02	-0.685	52	0.69	-1.998	102	1.36	-3.060	152	2.02	-1.371
3	0.03	-0.307	53	0.70	-1.745	103	1.37	-2.607	153	2.03	-0.994
4	0.04	-1.179	54	0.72	-1.116	104	1.38	-2.604	154	2.05	-0.739
5	0.05	-1.801	55	0.73	-0.737	105	1.39	-2.501	155	2.06	-0.110
6	0.07	-1.547	56	0.74	0.140	106	1.40	-2.173	156	2.08	0.267
7	0.08	-0.044	57	0.75	0.767	107	1.41	-1.564	157	2.09	0.270
8	0.09	0.582	58	0.77	1.398	108	1.42	-0.543	158	2.10	0.024
9	0.11	0.337	59	0.79	2.402	109	1.44	-0.288	159	2.11	0.027
10	0.12	-0.533	60	0.80	2.655	110	1.45	0.088	160	2.12	0.906
11	0.13	-1.155	61	0.81	3.034	111	1.46	-0.701	161	2.13	1.159
12	0.15	-1.149	62	0.83	3.038	112	1.47	-0.777	162	2.15	2.162
13	0.16	-0.020	63	0.84	3.040	113	1.49	-0.521	163	2.16	3.416
14	0.18	-0.266	64	0.85	2.420	114	1.51	-1.181	164	2.17	3.669
15	0.19	-0.262	65	0.87	2.174	115	1.52	-1.388	165	2.18	2.798
16	0.21	0.365	66	0.88	1.803	116	1.54	-1.383	166	2.20	2.427
17	0.22	0.619	67	0.90	0.933	117	1.55	-1.756	167	2.21	1.305
18	0.23	0.623	68	0.91	0.311	118	1.56	-1.503	168	2.22	0.683
19	0.24	1.000	69	0.92	-0.683	119	1.57	-0.874	169	2.23	0.313
20	0.26	1.256	70	0.94	-1.552	120	1.58	-0.495	170	2.24	-0.308
21	0.27	0.759	71	0.96	-2.548	121	1.59	-0.244	171	2.26	-1.177
22	0.30	-1.483	72	0.97	-2.795	122	1.61	0.385	172	2.28	-2.171
23	0.31	-2.354	73	0.98	-2.791	123	1.63	0.139	173	2.29	-2.419
24	0.33	-2.672	74	0.99	-3.413	124	1.64	0.145	174	2.30	-4.166
25	0.34	-2.970	75	1.01	-3.410	125	1.65	0.147	175	2.31	-3.539
26	0.36	-2.715	76	1.02	-2.905	126	1.67	0.152	176	2.32	-2.285
27	0.37	-2.462	77	1.03	-2.902	127	1.68	0.405	177	2.33	-1.407
28	0.38	-2.084	78	1.05	-3.146	128	1.70	0.535	178	2.34	-0.406
29	0.39	-1.832	79	1.07	-3.143	129	1.72	0.166	179	2.35	0.220
30	0.40	-1.204	80	1.08	-3.139	130	1.73	-0.203	180	2.36	-0.400
31	0.41	-0.825	81	1.09	-2.136	131	1.75	0.174	181	2.37	-0.648
32	0.42	-0.198	82	1.12	-1.879	132	1.76	-0.070	182	2.39	-0.391
33	0.43	0.428	83	1.14	-1.622	133	1.77	-0.066	183	2.41	-0.637
34	0.44	1.054	84	1.15	-0.994	134	1.79	-0.686	184	2.42	-0.632
35	0.46	1.938	85	1.17	0.884	135	1.81	0.191	185	2.43	-0.379
36	0.47	1.688	86	1.18	1.533	136	1.82	0.819	186	2.45	-0.375
37	0.49	1.443	87	1.19	1.016	137	1.83	1.449	187	2.46	0.502
38	0.50	1.071	88	1.20	0.644	138	1.84	2.076	188	2.47	1.131
39	0.51	0.450	89	1.21	0.897	139	1.86	2.081	189	2.48	2.384
40	0.53	0.205	90	1.23	1.276	140	1.88	1.837	190	2.49	3.011
41	0.54	-0.414	91	1.24	1.529	141	1.90	2.092	191	2.50	3.139
42	0.56	-1.035	92	1.25	1.533	142	1.91	0.846	192	2.51	3.016
43	0.57	-1.656	93	1.26	1.660	143	1.92	-0.024	193	2.53	2.146
44	0.59	-2.277	94	1.27	1.912	144	1.93	-0.644	194	2.54	2.151
45	0.60	-2.274	95	1.28	1.916	145	1.95	-1.892	195	2.56	2.155
46	0.61	-2.271	96	1.29	1.918	146	1.96	-2.515	196	2.57	2.410
47	0.63	-2.641	97	1.30	0.424	147	1.97	-3.136	197	2.59	2.790
48	0.64	-2.888	98	1.32	-0.622	148	1.98	-3.133	198	2.60	2.543
49	0.66	-2.882	99	1.33	-1.816	149	1.99	-2.005	199	2.62	2.172
50	0.67	-2.878	100	1.34	-2.690	150	2.00	-1.628	200	2.63	1.551

INDEX NO.	307	1108-GH-7	ICHINOHASHI B.	U-O	MAX.ACCEL.±	11.867(GAL)	T= 3.31(SEC)	NO. 2
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	2.04	1.304	251	3.28	8.850	301	3.97	-0.195
202	2.66	0.308	252	3.29	8.352	302	3.99	-0.190
203	2.67	-0.935	253	3.30	10.616	303	4.00	-3.061
204	2.68	-1.103	254	3.31	11.867	304	4.02	0.694
205	2.69	-2.431	255	3.32	10.905	305	4.05	3.452
206	2.71	-4.050	256	3.33	8.499	306	4.07	3.703
207	2.72	-5.297	257	3.34	7.251	307	4.09	3.337
208	2.73	-6.793	258	3.35	5.379	308	4.11	4.219
209	2.75	-7.789	259	3.36	2.258	309	4.12	3.722
210	2.76	-8.409	260	3.37	1.010	310	4.14	3.978
211	2.77	-7.781	261	3.38	-1.235	311	4.16	2.733
212	2.78	-5.279	262	3.39	-2.731	312	4.18	-1.490
213	2.79	-2.151	263	3.40	-3.105	313	4.20	-0.304
214	2.80	-0.273	264	3.41	-3.478	314	4.24	-2.493
215	2.82	0.980	265	3.42	-3.473	315	4.25	-3.239
216	2.83	1.607	266	3.45	-4.466	316	4.26	-3.235
217	2.84	2.061	267	3.46	-4.464	317	4.29	-4.228
218	2.85	5.115	268	3.47	-4.211	318	4.30	-2.975
219	2.86	5.490	269	3.48	-3.582	319	4.31	-1.721
220	2.87	5.743	270	3.50	-3.453	320	4.34	0.161
221	2.88	6.497	271	3.51	-5.074	321	4.35	2.289
222	2.90	7.002	272	3.52	-4.021	322	4.36	2.041
223	2.91	6.505	273	3.53	-3.819	323	4.38	2.047
224	2.92	6.134	274	3.55	-2.564	324	4.41	1.179
225	2.94	5.889	275	3.56	-1.934	325	4.44	-0.061
226	2.95	5.516	276	3.55	-1.054	326	4.45	-1.307
227	2.96	4.270	277	3.60	-0.674	327	4.48	-1.674
228	2.97	2.199	278	3.61	-0.921	328	4.49	-2.545
229	2.99	1.153	279	3.62	-0.910	329	4.50	-2.916
230	3.00	0.281	280	3.63	-1.289	330	4.52	-0.413
231	3.02	-1.586	281	3.65	-0.410	331	4.53	1.715
232	3.03	-2.592	282	3.66	0.592	332	4.55	3.555
233	3.05	-3.577	283	3.68	1.233	333	4.56	4.722
234	3.06	-5.199	284	3.70	2.728	334	4.58	5.352
235	3.08	-5.195	285	3.72	2.484	335	4.59	4.106
236	3.09	-5.442	286	3.74	3.738	336	4.60	4.359
237	3.10	-4.939	287	3.75	3.117	337	4.61	2.612
238	3.12	-3.934	288	3.77	6.373	338	4.62	0.991
239	3.13	0.069	289	3.78	5.501	339	4.64	-0.252
240	3.14	1.070	290	3.79	3.504	340	4.66	0.007
241	3.15	2.323	291	3.80	1.382	341	4.68	-0.865
242	3.16	3.202	292	3.81	0.758	342	4.70	-0.609
243	3.17	2.705	293	3.82	2.638	343	4.72	-0.603
244	3.19	2.334	294	3.84	1.767	344	4.74	-1.474
245	3.21	0.464	295	3.85	1.165	345	4.75	-1.470
246	3.22	-1.655	296	3.87	0.774	346	4.76	-1.836
247	3.23	-1.402	297	3.88	-0.719	347	4.80	-1.831
248	3.25	-1.398	298	3.90	-1.091	348	4.82	-1.700
249	3.26	0.104	299	3.92	-3.957	349	4.84	-2.069
250	3.27	5.233	300	3.94	-4.578	350	4.87	-1.438
301	3.97	-0.195	351	5.07	-5.074	401	5.96	-1.254
302	3.99	-0.190	352	5.08	-4.021	402	5.98	-0.623
303	4.00	-3.061	353	5.09	-3.819	403	6.00	-1.244
304	4.02	0.694	354	5.10	-2.564	404	6.02	-1.488
305	4.05	3.452	355	5.11	-1.934	405	6.04	-1.231
306	4.07	3.703	356	5.12	-1.054	406	6.07	-0.600
307	4.09	3.337	357	5.13	-0.674	407	6.10	-0.966
308	4.11	4.219	358	5.14	-0.921	408	6.12	-1.036
309	4.12	3.722	359	5.15	-0.910	409	6.13	-1.206
310	4.14	3.978	360	5.16	-1.289	410	6.15	-0.325
311	4.16	2.733	361	5.18	-0.410	411	6.17	0.054
312	4.18	-1.490	362	5.19	0.592	412	6.19	0.934
313	4.20	-0.304	363	5.20	1.233	413	6.21	2.054
314	4.24	-2.493	364	5.21	2.728	414	6.23	1.943
315	4.25	-3.239	365	5.22	2.484	415	6.24	0.698
316	4.26	-3.235	366	5.23	3.738	416	6.26	0.457
317	4.29	-4.228	367	5.24	3.117	417	6.31	-1.703
318	4.30	-2.975	368	5.25	6.373	418	6.32	-1.700
319	4.31	-1.721	369	5.26	5.501	419	6.34	-0.899
320	4.34	0.161	370	5.27	3.504	420	6.36	1.354
321	4.35	2.289	371	5.33	1.382	421	6.37	3.234
322	4.36	2.041	372	5.36	0.758	422	6.38	2.611
323	4.38	2.047	373	5.38	2.638	423	6.41	0.744
324	4.41	1.179	374	5.41	1.767	424	6.44	-1.122
325	4.44	-0.061	375	5.43	1.165	425	6.45	-1.117
326	4.45	-1.307	376	5.45	0.774	426	6.47	-1.737
327	4.48	-1.674	377	5.46	-0.719	427	6.49	-2.107
328	4.49	-2.545	378	5.47	-1.091	428	6.51	-0.650
329	4.50	-2.916	379	5.54	-3.957	429	6.52	0.776
330	4.52	-0.413	380	5.56	-4.578	430	6.54	2.995
331	4.53	1.715	381	5.57	-5.074	431	6.56	3.285
332	4.55	3.555	382	5.59	-4.021	432	6.58	2.417
333	4.56	4.722	383	5.60	-3.819	433	6.61	1.424
334	4.58	5.352	384	5.62	-2.564	434	6.62	0.554
335	4.59	4.106	385	5.64	-1.934	435	6.66	-0.058
336	4.60	4.359	386	5.66	-1.054	436	6.69	0.823
337	4.61	2.612	387	5.68	-0.674	437	6.72	0.300
338	4.62	0.991	388	5.70	-0.921	438	6.75	0.213
339	4.64	-0.252	389	5.74	-0.910	439	6.77	-3.153
340	4.66	0.007	390	5.75	-1.289	440	6.81	-2.018
341	4.68	-0.865	391	5.77	-0.410	441	6.83	-0.762
342	4.70	-0.609	392	5.78	0.592	442	6.85	0.241
343	4.72	-0.603	393	5.80	1.233	443	6.88	0.875
344	4.74	-1.474	394	5.82	2.728	444	6.90	0.882
345	4.75	-1.470	395	5.84	2.484	445	6.93	0.610
346	4.76	-1.836	396	5.86	3.738	446	6.95	1.770
347	4.80	-1.831	397	5.88	3.117	447	6.99	1.781
348	4.82	-1.700	398	5.89	6.373	448	7.01	1.537
349	4.84	-2.069	399	5.92	5.501	449	7.03	0.917
350	4.87	-1.438	400	5.94	3.504	450	7.04	0.295
351	5.07	-5.074	401	5.96	1.382	441	6.83	-0.762
352	5.08	-4.021	402	5.98	0.758	442	6.85	0.241
353	5.09	-3.819	403	6.00	2.638	443	6.88	0.875
354	5.10	-2.564	404	6.02	1.767	444	6.90	0.882
355	5.11	-1.934	405	6.04	1.165	445	6.93	0.610
356	5.12	-1.054	406	6.07	0.774	446	6.95	1.770
357	5.13	-0.674	407	6.10	-0.719	447	6.99	1.781
358	5.14	-0.921	408	6.12	-1.091	448	7.01	1.537
359	5.15	-0.910	409	6.13	-3.957	449	7.03	0.917
360	5.16	-1.289	410	6.15	-4.578	450	7.04	0.295
361	5.18	-0.410	411	6.17	0.592	441	6.83	-0.762
362	5.19	0.592	412	6.19	1.233	442	6.85	0.241
363	5.20	1.233	413	6.21	2.728	443	6.88	0.875
364	5.21	2.728	414	6.23	2.484	444	6.90	0.882
365	5.22	2.484	415	6.24	3.738	445	6.93	0.610
366	5.23	3.738	416	6.26	3.117	446	6.95	1.770
367	5.24	3.117	417	6.31	6.373	447	6.99	1.781
368	5.25	6.373	418	6.32	5.501	448	7.01	1.537
369	5.26	5.501	419	6.34	3.504	449	7.03	0.917
370	5.27	3.504	420	6.36	1.382	450	7.04	0.295
371	5.33	1.382	421	6.37	0.758	441	6.83	-0.762
372	5.36	0.758	422	6.38	2.638	442	6.85	0.241
373	5.38	2.638	423	6.41	1.767	443	6.88	0.875
374	5.41	1.767	424	6.44	1.165	444	6.90	0.882
375	5.43	0.774	425	6.45	0.774	445	6.93	0.610
376	5.45	-0.719	426	6.47	-0.719	446	6.95	1.770
377	5.46	-1.091	427	6.49	-1.091	447	6.99	1.781
378	5.47	-3.957	428	6.51	-3.957	448	7.01	1.537
379	5.54	-4.578	429	6.52	-4.578	449	7.03	0.917
380	5.56	-5.074	430	6.54	-5.074	450	7.04	0.295
381	5.57	-4.021	431	6.56	-4.021	441	6.83	-0.762
382	5.59	-3.819	432	6.58	-3.819	442	6.85	0.241
383	5.60	-2.564	433	6.61	-2.564	443	6.88	0.875
384	5.62	-1.934	434	6.62	-1.934	444	6.90	0.882
385	5.64	-1.054	435	6.66	-1.054	445	6.93	0.610
386	5.66	-0.674	436	6.69	-0.674	446	6.95	1.770
387	5.68	-0.921	437	6.72	-0.921	447	6.99	1.781
388	5.70	-0.910	438	6.75	-0.910	448	7.01	1.537
389	5.74	-1.289	439	6.77	-1.289	449	7.03	0.917
390	5.75	-0.413	440	6.81	-0.413	450	7.04	0.295
391	5.57	1.715	441	6.83	1.715	441	6.83	-0

INDEX NO. 307	1108-GR-7	ICHINOHASHI B.	U-D	MAX. ACCEL. *	11.867 (GAL)	T = 3.31 (SEC)	NO. 4
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)				
601 12.98	9.168	651 12.37	3.063				
602 11.09	0.176	652 12.40	2.821				
603 11.09	0.185	653 12.43	1.205				
604 11.09	-0.439	654 12.46	-0.662				
605 11.09	-1.297	655 12.48	-2.530				
606 11.12	-1.665	656 12.50	-2.775				
607 11.16	-1.903	657 12.52	-1.896				
608 11.19	-0.770	658 12.53	-1.015				
609 11.21	-0.763	659 12.56	-0.384				
610 11.24	-5.131	660 12.57	-0.639				
611 11.28	-5.368	661 12.61	-0.620				
612 11.32	-3.483	662 12.63	-0.363				
613 11.35	-2.224	663 12.65	0.014				
614 11.39	-0.713	664 12.67	0.019				
615 11.41	1.542	665 12.70	0.905				
616 11.44	2.799	666 12.72	0.660				
617 11.46	4.681	667 12.74	0.916				
618 11.49	4.935	668 12.78	-0.570				
619 11.50	3.817	669 12.82	-1.186				
620 11.53	2.574	670 12.84	-1.431				
621 11.55	1.332	671 12.85	-1.177				
622 11.58	0.339	672 12.88	-1.419				
623 11.60	1.596	673 12.90	-0.287				
624 11.63	1.604	674 12.92	0.342				
625 11.66	-0.512						
626 11.68	-0.880						
627 11.70	-0.675						
628 11.73	-1.116						
629 11.76	-0.858						
630 11.78	-0.601						
631 11.82	-0.840						
632 11.84	-0.836						
633 11.86	-0.831						
634 11.90	-1.192						
635 11.94	-1.183						
636 11.98	-0.794						
637 12.01	-0.536						
638 12.03	-0.156						
639 12.06	-0.149						
640 12.09	-1.015						
641 12.13	-3.254						
642 12.15	-2.374						
643 12.18	-2.364						
644 12.20	-1.359						
645 12.22	-0.472						
646 12.24	0.527						
647 12.27	0.703						
648 12.31	2.670						
649 12.33	2.674						
650 12.35	3.305						

Table IV D-9. Digitized Accelerations of Earthquake Record with Index Number 308

INDEX NO. 308	1108-GR-7	ICHINOHASHI B.	LG.	MAX. ACCEL. *	55.250 (GAL)	T = 0.80 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)				
1 0.0	2.750	51 3.55	6.500	101 7.00	2.750	NO. (SEC)	(GAL)
2 0.10	1.500	52 3.60	2.750	102 7.03	5.250	151 10.80	1.500
3 0.15	0.250	53 3.63	2.750	103 7.10	1.500	152 10.90	0.250
4 0.20	2.750	54 3.70	-5.999	104 7.18	-10.999	153 11.00	-4.749
5 0.30	4.000	55 3.80	2.750	105 7.20	-9.749		
6 0.36	6.500	56 3.84	4.000	106 7.30	9.000		
7 0.40	4.000	57 3.90	2.750	107 7.33	9.000		
8 0.50	-19.749	58 3.98	2.750	108 7.40	1.500		
9 0.57	-22.249	59 4.00	4.000	109 7.50	-9.749		
10 0.60	-18.499	60 4.08	5.250	110 7.60	2.750		
11 0.70	17.750	61 4.10	2.750	111 7.70	1.500		
12 0.80	55.250	62 4.19	-7.249	112 7.74	-3.499		
13 0.90	-22.249	63 4.20	-5.999	113 7.80	0.250		
14 0.98	-48.499	64 4.30	0.250	114 7.90	-3.499		
15 1.00	-45.999	65 4.40	10.250	115 7.99	-7.249		
16 1.10	12.750	66 4.50	14.000	116 8.00	-5.999		
17 1.17	32.750	67 4.60	-5.999	117 8.10	1.500		
18 1.20	27.750	68 4.68	-9.749	118 8.17	4.000		
19 1.22	24.000	69 4.73	-8.499	119 8.20	2.750		
20 1.30	1.500	70 4.80	2.750	120 8.30	1.500		
21 1.33	0.250	71 4.82	6.500	121 8.40	-0.999		
22 1.40	2.750	72 4.90	4.000	122 8.50	-0.999		
23 1.50	15.250	73 5.00	2.750	123 8.60	1.500		
24 1.60	-7.249	74 5.01	1.500	124 8.70	2.750		
25 1.70	11.500	75 5.10	2.750	125 8.80	-3.499		
26 1.80	-8.499	76 5.18	0.250	126 8.90	-4.749		
27 1.90	4.000	77 5.20	1.500	127 9.00	9.250		
28 1.96	4.000	78 5.30	1.500	128 9.07	2.750		
29 2.00	14.000	79 5.40	2.750	129 9.10	1.500		
30 2.07	20.250	80 5.50	2.750	130 9.16	-3.499		
31 2.10	16.500	81 5.60	-3.499	131 9.20	-0.999		
32 2.20	-19.749	82 5.70	2.750	132 9.30	4.000		
33 2.30	4.000	83 5.74	7.750	133 9.40	-5.999		
34 2.35	12.750	84 5.80	6.500	134 9.44	-10.999		
35 2.40	6.500	85 5.90	-7.249	135 9.50	-9.749		
36 2.43	9.000	86 5.96	-9.749	136 9.60	-4.749		
37 2.50	2.750	87 6.00	-8.499	137 9.70	2.750		
38 2.60	4.000	88 6.10	12.750	138 9.72	-4.000		
39 2.70	6.500	89 6.13	14.000	139 9.80	1.500		
40 2.79	-4.749	90 6.20	4.000	140 9.88	-8.499		
41 2.80	-3.499	91 6.29	-0.749	141 9.90	-7.249		
42 2.83	4.000	92 6.30	-8.499	142 10.03	-3.499		
43 2.94	6.500	93 6.40	1.500	143 10.10	1.500		
44 3.00	2.750	94 6.42	2.750	144 10.20	-2.249		
45 3.10	-7.249	95 6.50	1.500	145 10.30	3.250		
46 3.14	2.750	96 6.63	0.250	146 10.40	-3.499		
47 3.20	5.250	97 6.73	2.750	147 10.50	-8.499		
48 3.30	12.750	98 6.83	-3.499	148 10.60	-2.249		
49 3.40	0.250	99 6.85	-0.749	149 10.65	2.750		
50 3.50	2.750	100 6.91	-8.499	150 10.70	1.500		

Table IV D-10. Digitized Accelerations of Earthquake Record with Index Number 309

INDEX NO.	327	1324-G-1-3	OTANOSHIKE B.	TR.	MAX. ACCEL. *	14.054 (GAL)	T = 7.03 (SEC)	NO. 1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	2.029	51	1.33	5.879	101	2.51	-1.543
2	0.01	1.435	52	1.42	6.700	102	2.53	-4.292
3	0.02	1.705	53	1.44	6.951	103	2.55	-4.916
4	0.04	2.051	54	1.46	-1.220	104	2.57	-3.709
5	0.06	1.457	55	1.49	-2.844	105	2.58	-1.289
6	0.07	1.205	56	1.53	-3.717	106	2.59	1.586
7	0.12	0.634	57	1.55	-3.465	107	2.62	3.086
8	0.14	-2.037	58	1.59	-2.589	108	2.64	4.007
9	0.16	0.462	59	1.62	-0.902	109	2.67	4.339
10	0.16	1.713	60	1.68	3.638	110	2.69	5.339
11	0.21	2.715	61	1.70	4.290	111	2.71	4.465
12	0.24	2.716	62	1.72	4.916	112	2.72	3.841
13	0.25	2.717	63	1.74	4.417	113	2.73	1.966
14	0.29	2.719	64	1.76	3.167	114	2.75	-1.156
15	0.33	2.670	65	1.78	0.910	115	2.78	-2.155
16	0.35	2.671	66	1.79	-1.204	116	2.81	-2.153
17	0.37	1.848	67	1.82	-2.203	117	2.85	-1.901
18	0.40	1.474	68	1.84	-2.451	118	2.87	-0.650
19	0.41	2.350	69	1.87	-1.575	119	2.88	0.973
20	0.45	2.102	70	1.90	-1.323	120	2.99	2.474
21	0.48	0.603	71	1.92	-0.697	121	2.91	1.350
22	0.52	-0.643	72	1.95	-0.696	122	2.95	1.852
23	0.54	-1.454	73	1.97	-2.195	123	2.99	3.104
24	0.57	-1.390	74	1.99	-1.119	124	3.03	4.731
25	0.60	-1.014	75	2.01	-0.693	125	3.06	4.903
26	0.63	-0.387	76	2.02	-2.442	126	3.08	5.609
27	0.66	-0.386	77	2.04	-3.067	127	3.10	4.110
28	0.68	-0.305	78	2.06	-4.315	128	3.11	1.610
29	0.71	-2.083	79	2.09	-4.064	129	3.14	-1.512
30	0.74	-3.757	80	2.11	-3.813	130	3.16	-0.635
31	0.76	-2.860	81	2.13	-2.563	131	3.17	-0.260
32	0.81	-2.876	82	2.14	-2.561	132	3.20	-1.133
33	0.85	-4.376	83	2.16	-3.636	133	3.22	-1.258
34	0.87	-5.000	84	2.18	-5.310	134	3.24	0.617
35	0.89	-5.624	85	2.20	-5.310	135	3.26	2.242
36	0.93	-5.372	86	2.22	-3.807	136	3.28	4.369
37	0.95	-4.746	87	2.24	-2.101	137	3.29	4.744
38	0.99	-3.494	88	2.26	-1.555	138	3.31	3.245
39	1.02	-2.617	89	2.28	-1.804	139	3.34	0.998
40	1.04	-2.866	90	2.30	-2.428	140	3.36	-1.751
41	1.07	-5.615	91	2.32	-2.428	141	3.37	-4.000
42	1.11	-7.363	92	2.33	-2.802	142	3.38	-3.999
43	1.14	-7.986	93	2.34	-2.551	143	3.41	-1.073
44	1.18	-7.985	94	2.38	-1.924	144	3.42	-1.872
45	1.22	-6.733	95	2.40	-1.923	145	3.44	-2.122
46	1.26	-4.230	96	2.42	-1.922	146	3.45	-1.372
47	1.30	-2.979	97	2.44	-1.921	147	3.46	-4.070
48	1.33	-2.352	98	2.46	-0.670	148	3.48	-3.994
49	1.35	-1.101	99	2.48	-0.044	149	3.52	-3.118
50	1.36	0.598	100	2.50	0.330	150	3.55	-2.491
51	2.51	-1.543	151	3.59	-0.864	151	3.59	-0.864
52	2.53	-4.292	152	3.62	0.911	152	3.62	0.911
53	2.55	-4.916	153	3.65	-1.406	153	3.65	-1.406
54	2.57	-3.709	154	3.67	-2.360	154	3.67	-2.360
55	2.58	-1.289	155	3.68	-3.610	155	3.68	-3.610
56	2.59	1.586	156	3.70	-5.484	156	3.70	-5.484
57	2.62	3.086	157	3.71	-5.858	157	3.71	-5.858
58	2.64	4.007	158	3.73	-4.357	158	3.73	-4.357
59	2.67	4.339	159	3.74	-3.731	159	3.74	-3.731
60	2.69	5.339	160	3.76	-5.231	160	3.76	-5.231
61	2.71	4.465	161	3.78	-7.229	161	3.78	-7.229
62	2.72	3.841	162	3.80	-7.854	162	3.80	-7.854
63	2.73	1.966	163	3.82	-4.728	163	3.82	-4.728
64	2.75	-1.156	164	3.83	-0.192	164	3.83	-0.192
65	2.78	-2.155	165	3.84	3.146	165	3.84	3.146
66	2.81	-2.153	166	3.85	6.023	166	3.85	6.023
67	2.85	-1.901	167	3.87	8.098	167	3.87	8.098
68	2.87	-0.650	168	3.88	8.099	168	3.88	8.099
69	2.88	0.973	169	3.90	8.099	169	3.90	8.099
70	2.99	2.474	170	3.92	10.150	170	3.92	10.150
71	2.91	1.350	171	3.93	11.151	171	3.93	11.151
72	2.95	1.852	172	3.95	11.777	172	3.95	11.777
73	2.99	3.104	173	3.96	9.652	173	3.96	9.652
74	3.03	4.731	174	3.97	6.153	174	3.97	6.153
75	3.06	4.903	175	3.98	3.653	175	3.98	3.653
76	3.08	5.609	176	4.00	2.780	176	4.00	2.780
77	3.10	4.110	177	4.02	1.031	177	4.02	1.031
78	3.11	1.610	178	4.03	-2.342	178	4.03	-2.342
79	3.14	-1.512	179	4.04	-5.217	179	4.04	-5.217
80	3.16	-0.635	180	4.06	-7.466	180	4.06	-7.466
81	3.17	-0.260	181	4.08	-6.340	181	4.08	-6.340
82	3.20	-1.133	182	4.11	-5.338	182	4.11	-5.338
83	3.22	-1.258	183	4.15	-2.586	183	4.15	-2.586
84	3.24	0.617	184	4.16	1.037	184	4.16	1.037
85	3.26	2.242	185	4.19	3.146	185	4.19	3.146
86	3.28	4.369	186	4.21	2.290	186	4.21	2.290
87	3.29	4.744	187	4.24	1.416	187	4.24	1.416
88	3.31	3.245	188	4.25	0.417	188	4.25	0.417
89	3.34	0.998	189	4.27	-2.080	189	4.27	-2.080
90	3.36	-1.751	190	4.29	-0.204	190	4.29	-0.204
91	3.37	-4.000	191	4.31	0.670	191	4.31	0.670
92	3.38	-3.999	192	4.32	0.170	192	4.32	0.170
93	3.41	-1.073	193	4.33	-1.452	193	4.33	-1.452
94	3.42	-1.872	194	4.35	-0.826	194	4.35	-0.826
95	3.44	-2.122	195	4.38	0.674	195	4.38	0.674
96	3.45	-1.372	196	4.40	1.674	196	4.40	1.674
97	3.46	-4.070	197	4.42	1.675	197	4.42	1.675
98	3.48	-3.994	198	4.45	0.176	198	4.45	0.176
99	3.52	-3.118	199	4.46	-1.696	199	4.46	-1.696
100	3.55	-2.491	200	4.48	-2.695	200	4.48	-2.695
101	6.47	2.402	351	7.10	-7.686	351	7.10	-7.686
102	6.49	1.528	352	7.19	-10.185	352	7.19	-10.185
103	6.50	-0.344	353	7.22	-9.934	353	7.22	-9.934
104	6.51	-2.594	354	7.23	-9.308	354	7.23	-9.308
105	6.53	-4.718	355	7.25	-7.433	355	7.25	-7.433
106	6.54	-5.967	356	7.26	-5.807	356	7.26	-5.807
107	6.56	-6.717	357	7.27	-3.931	357	7.27	-3.931
108	6.58	-6.466	358	7.28	-2.056	358	7.28	-2.056
109	6.60	-5.840	359	7.29	-1.193	359	7.29	-1.193
110	6.61	-2.464	360	7.31	2.693	360	7.31	2.693
111	6.63	-0.838	361	7.32	3.944	361	7.32	3.944
112	6.64	1.410	362	7.34	4.945	362	7.34	4.945
113	6.65	2.036	363	7.36	4.946	363	7.36	4.946
114	6.67	2.037	364	7.37	3.447	364	7.37	3.447
115	6.68	1.537	365	7.39	1.822	365	7.39	1.822
116	6.69	0.538	366	7.40	1.578	366	7.40	1.578
117	6.70	-0.335	367	7.41	0.948	367	7.41	0.948
118	6.71	-0.709	368	7.43	0.324	368	7.43	0.324
119	6.75	-1.583	369	7.44	-0.674	369	7.44	-0.674
120	6.76	-1.332	370	7.46	-2.547	370	7.46	-2.547
121	6.78	-1.081	371	7.47	-2.706	371	7.47	-2.706
122	6.79	-0.705	372	7.49	-3.171	372	7.49	-3.171
123	6.80	-0.705	373	7.51	-4.045	373	7.51	-4.045
124	6.81	-1.954	374	7.53	-5.044	374	7.53	-5.044
125	6.82	-3.454	375	7.54	-5.668	375	7.54	-5.668
126	6.84	-4.703	376	7.55	-6.293	376	7.55	-6.293
127	6.85	-5.077	377	7.57	-4.417	377	7.57	-4.417
128	6.86	-3.577	378	7.58	-2.916	378	7.58	-2.916
129	6.87	-2.577	379	7.59	-0.641	379	7.59	-0.641
130	6.88	-1.951	380	7.60	1.833	380	7.60	1.833
131	6.90	-1.325	381	7.61	2.083	381	7.61	2.083
132	6.91	-1.574	382	7.62	1.834	382	7.62	1.834
133	6.93	-1.324	383	7.64	2.463	383	7.64	2.463
134	6.95	-1.072	384	7.65	2.710	384	7.65	2.710
135	6.96	-0.072	385	7.67	2.711	385	7.67	2.711
136	6.98	2.427	386	7.68	2.212	386	7.68	2.212
137	6.99	8.678	387	7.69	1.838	387	7.69	1.838
138	7.00	10.678	388	7.71	2.465	388	7.71	2.465
139	7.01	12.179	389	7.72	3.359	389	7.72	3.359
140	7.03	14.054	390	7.73	3.714	390	7.73	3.714
141	7.04	12.555	391	7.75	2.465	391	7.75	2.465
142	7.06	9.431	392	7.77	1.841	392	7.77	1.841
143								

INDEX NO.	302	1304-GH-3	OTAOSHISKE B.	TR.	MAX.ACCEL. (GAL)	14.054 (GAL)	T = 7.03 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)
401	7.92	-5.647	451	9.94	-3.723	501	9.74	10.190
402	7.93	-5.647	452	9.97	-2.472	502	9.75	8.690
403	7.94	-5.647	453	9.98	1.992	503	9.76	6.816
404	7.95	-5.647	454	9.99	4.922	504	9.77	9.091
405	7.97	-2.397	455	9.91	5.903	505	9.78	1.317
406	7.99	0.477	456	9.92	6.530	506	9.80	-0.555
407	8.00	2.103	457	9.94	6.330	507	9.82	-1.179
408	8.02	3.729	458	9.97	5.406	508	9.84	-0.553
409	8.03	6.229	459	9.99	2.907	509	9.87	-0.302
410	8.06	6.481	460	9.11	0.658	510	9.89	-0.301
411	8.08	6.402	461	9.14	-2.059	511	9.91	-1.175
412	8.10	7.103	462	9.15	-3.083	512	9.93	-1.174
413	8.11	7.103	463	9.17	-3.337	513	9.95	-0.549
414	8.13	5.609	464	9.18	-2.835	514	9.96	1.126
415	8.16	3.110	465	9.20	-2.460	515	9.98	1.202
416	8.17	-0.012	466	9.21	-0.961	516	10.00	5.320
417	8.19	-3.135	467	9.22	0.664	517	10.02	6.954
418	8.21	-6.135	468	9.23	2.789	518	10.04	6.655
419	8.23	-3.509	469	9.24	3.415	519	10.06	5.706
420	8.26	-1.932	470	9.26	1.916	520	10.07	5.706
421	8.31	0.868	471	9.27	1.041	521	10.10	5.083
422	8.34	2.495	472	9.29	0.417	522	10.11	3.208
423	8.37	3.996	473	9.31	0.043	523	10.12	1.334
424	8.39	-5.622	474	9.33	0.669	524	10.13	-1.164
425	8.40	6.675	475	9.35	1.920	525	10.15	-4.208
426	8.42	7.499	476	9.37	2.171	526	10.17	-5.162
427	8.43	6.624	477	9.39	2.547	527	10.19	-6.536
428	8.44	6.250	478	9.41	2.798	528	10.21	-6.035
429	8.46	6.251	479	9.43	0.424	529	10.23	-5.659
430	8.48	4.752	480	9.45	-0.573	530	10.25	-5.908
431	8.50	1.878	481	9.47	-0.572	531	10.27	-6.907
432	8.54	-1.244	482	9.49	-2.071	532	10.29	-7.781
433	8.55	-2.743	483	9.50	-2.695	533	10.30	-6.780
434	8.56	-3.117	484	9.52	-2.694	534	10.31	-10.655
435	8.58	-2.741	485	9.54	-2.693	535	10.32	-11.905
436	8.61	0.883	486	9.57	-2.192	536	10.33	-13.153
437	8.64	4.010	487	9.58	-2.191	537	10.34	-11.653
438	8.66	4.396	488	9.59	-2.816	538	10.36	-8.152
439	8.67	2.886	489	9.60	-4.565	539	10.38	-5.651
440	8.68	2.886	490	9.61	-6.190	540	10.39	-2.526
441	8.69	1.012	491	9.62	-7.564	541	10.40	-0.025
442	8.73	-0.234	492	9.63	-9.189	542	10.42	1.349
443	8.75	-0.608	493	9.64	-6.938	543	10.44	1.600
444	8.77	0.916	494	9.65	-4.438	544	10.45	0.475
445	8.78	-1.231	495	9.67	-2.563	545	10.47	-1.147
446	8.80	-3.155	496	9.68	-0.686	546	10.50	-1.520
447	8.82	-4.980	497	9.69	1.503	547	10.51	0.728
448	8.84	-4.978	498	9.71	3.813	548	10.52	2.854
449	8.87	-4.102	499	9.72	6.939	549	10.54	4.730
450	8.90	-4.600	500	9.73	8.439	550	10.55	6.605
501	9.74	10.190	551	10.56	6.605	601	11.56	4.531
502	9.75	8.690	552	10.58	6.982	602	11.58	4.282
503	9.76	6.816	553	10.60	5.733	603	11.62	5.784
504	9.77	9.091	554	10.63	3.409	604	11.64	4.285
505	9.78	1.317	555	10.65	2.360	605	11.66	1.411
506	9.80	-0.555	556	10.67	1.986	606	11.68	-1.336
507	9.82	-1.179	557	10.69	1.112	607	11.69	-3.836
508	9.84	-0.553	558	10.71	-0.135	608	11.71	-6.085
509	9.87	-0.302	559	10.73	-2.384	609	11.72	-8.707
510	9.89	-0.301	560	10.74	-3.883	610	11.75	-9.333
511	9.91	-1.175	561	10.77	-6.132	611	11.78	-7.831
512	9.93	-1.174	562	10.79	-6.506	612	11.79	-6.831
513	9.95	-0.549	563	10.82	-4.754	613	11.81	-5.509
514	9.96	1.126	564	10.84	-3.253	614	11.84	-6.203
515	9.98	1.202	565	10.86	-1.627	615	11.85	-6.202
516	10.00	5.320	566	10.87	0.621	616	11.88	-3.076
517	10.02	6.954	567	10.89	1.622	617	11.90	-1.575
518	10.04	6.655	568	10.92	0.124	618	11.92	1.674
519	10.06	5.706	569	10.94	-0.748	619	11.95	1.175
520	10.07	5.706	570	10.96	-1.122	620	11.98	0.551
521	10.10	5.083	571	10.99	0.127	621	11.99	0.802
522	10.11	3.208	572	11.01	1.378	622	12.01	2.678
523	10.12	1.334	573	11.03	3.254	623	12.02	4.179
524	10.13	-1.164	574	11.06	3.506	624	12.04	3.930
525	10.15	-4.208	575	11.09	4.507	625	12.07	1.431
526	10.17	-5.162	576	11.11	5.383	626	12.09	-2.585
527	10.19	-6.536	577	11.13	5.134	627	12.11	-3.564
528	10.21	-6.035	578	11.16	3.886	628	12.13	-2.939
529	10.23	-5.659	579	11.17	2.386	629	12.14	-0.813
530	10.25	-5.908	580	11.19	0.762	630	12.16	1.436
531	10.27	-6.907	581	11.20	0.763	631	12.18	2.938
532	10.29	-7.781	582	11.22	2.089	632	12.21	3.313
533	10.30	-6.780	583	11.23	3.264	633	12.24	2.440
534	10.31	-10.655	584	11.25	3.890	634	12.27	1.441
535	10.32	-11.905	585	11.27	4.786	635	12.29	1.192
536	10.33	-13.153	586	11.29	4.747	636	12.31	2.068
537	10.34	-11.653	587	11.31	2.393	637	12.33	2.695
538	10.36	-8.152	588	11.32	0.769	638	12.35	3.321
539	10.38	-5.651	589	11.34	-0.478	639	12.37	2.446
540	10.39	-2.526	590	11.37	0.146	640	12.39	2.072
541	10.40	-0.025	591	11.39	0.147	641	12.41	2.374
542	10.42	1.349	592	11.41	-1.054	642	12.43	0.200
543	10.44	1.600	593	11.43	-2.553	643	12.44	-1.923
544	10.45	0.475	594	11.45	-1.349	644	12.47	-3.172
545	10.47	-1.147	595	11.47	4.151	645	12.50	-2.045
546	10.50	-1.520	596	11.48	5.777	646	12.52	-0.419
547	10.51	0.728	597	11.50	6.653	647	12.55	0.455
548	10.52	2.854	598	11.52	6.655	648	12.56	1.081
549	10.54	4.730	599	11.54	5.530	649	12.60	0.203
550	10.55	6.605	600	11.55	4.531	650	12.63	0.210
601	11.56	4.531	701	13.66	1.087	751	14.60	0.443
602	11.60	4.282	702	13.67	2.086	752	14.63	-2.065
603	11.62	5.784	703	13.68	2.713	753	14.65	-3.313
604	11.64	4.285	704	13.69	3.589	754	14.68	-0.813
605	11.66	1.411	705	13.71	5.215	755	14.70	-0.438
606	11.68	-1.336	706	13.73	3.341	756	14.72	-0.030
607	11.69	-3.836	707	13.76	2.716	757	14.74	-1.684
608	11.71	-6.085	708	13.78	2.968	758	14.75	-2.558
609	11.72	-8.707	709	13.80	2.769	759	14.77	-3.182
610	11.75	-9.333	710	13.82	2.719	760	14.78	-1.431
611	11.78	-7.831	711	13.84	2.770	761	14.80	0.442
612	11.79	-6.831	712	13.87	3.646	762	14.82	-0.443
613	11.81	-5.509	713	13.91	5.273	763	14.84	-1.054
614	11.84	-6.203	714	13.92	6.149	764	14.86	-2.553
615	11.85	-6.202	715	13.93	6.525	765	14.88	-2.302
616	11.88	-3.076	716	13.95	5.901	766	14.89	-1.050
617	11.90	-1.575	717	13.97	4.402	767	14.91	-1.574
618	11.92	1.674	718	14.01	3.403	768	14.93	3.450
619	11.95	1.175	719	14.02	3.155	769	14.96	4.076
620	11.98	0.551	720	14.04	0.905	770	14.99	3.453
621	11.99	0.802	721	14.06	-0.592	771	15.01	2.204
622	12.01	2.678	722	14.08	-0.716	772	15.03	1.330
623	12.02	4.179	723	14.10	-0.715	773	15.06	0.957
624	12.04	3.930	724	14.12	-1.214	774	15.08	0.957
625	12.07	1.431	725	14.14	0.535	775	15.10	1.833
626	12.09	-2.585	726	14.16	1.161	776	15.12	0.769
627	12.11	-3.564	727	14.17	-0.337	777	15.14	-1.163
628	12.13	-2.939	728	14.18	-2.461	778	15.17	-1.161
629	12.14	-0.813	729	14.19	-5.960	779	15.18	-2.411
630	12.16	1.436	730	14.20	-6.710	780	15.20	-3.410
631	12.18	2.938	731	14.22	-5.459	781	15.23	-4.858
632	12.21	3.313	732	14.24	-4.583	782	15.25	-3.782
633	12.24	2.440	733	14.27	-5.081	783	15.27	-2.156
634	12.27	1.441	734	14.29	-5.205	784	15.28	-0.654
635	12.29	1.192	735	14.30	-1.455	785	15.29	2.210
636	12.31	2.068	736	14.31	0.168	786	15.31	4.094
637	12.33	2.695	737	14.32	1.794	787	15.32	5.969
638	12.35	3.321						

INDEX NO.	339	1304-GR-1	OTANOSHIKE B.	TR.	MAX.ACCEL. =	14.054(GAL)	T = 7.03(SEC)	NO. 5	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
801 15.69	2.553	851 16.99	-3.196	901 18.20	-2.260	951 19.76	-1.397	1001 21.58	-1.465
802 15.71	4.593	852 17.01	-1.320	902 18.22	0.114	952 19.79	-2.895	999 21.53	-0.843
803 15.73	-4.115	853 17.06	-0.942	903 18.25	1.368	953 19.82	-2.554	998 21.49	-0.595
804 15.75	1.771	854 17.07	-2.441	904 18.27	1.922	954 19.87	-1.924	997 21.43	-1.598
805 15.76	0.116	855 17.08	-4.941	905 18.30	1.743	955 19.89	-1.050	996 21.38	-1.600
806 15.79	-2.353	856 17.12	-2.564	906 18.33	-0.753	956 19.93	-1.048	995 21.32	-2.853
807 15.83	-4.593	857 17.14	0.310	907 18.36	-2.002	957 19.97	-1.546	994 21.29	-3.105
808 15.86	-4.252	858 17.17	2.311	908 18.40	-2.060	958 20.00	-1.545	993 21.25	-2.482
809 15.90	-2.750	859 17.20	2.563	909 18.43	-1.373	959 20.04	-1.543	992 21.22	-0.609
810 15.93	0.375	860 17.24	2.085	910 18.46	-0.748	960 20.06	-1.646	991 21.16	1.262
811 15.95	1.126	861 17.26	1.691	911 18.50	-0.120	961 20.09	-1.915	990 21.13	1.885
812 15.98	4.752	862 17.28	1.442	912 18.52	-0.744	962 20.13	-3.788	989 21.10	1.508
813 16.01	5.094	863 17.30	1.693	913 18.54	-1.993	963 20.14	-3.537	988 21.06	1.257
814 16.03	4.132	864 17.31	1.069	914 18.58	-1.741	964 20.17	-1.911	987 21.02	-0.368
815 16.05	4.131	865 17.34	0.445	915 18.61	-0.489	965 20.20	0.213	986 20.99	-3.320
816 16.08	5.027	866 17.35	0.446	916 18.64	0.510	966 20.23	0.590	985 20.97	-1.671
817 16.10	5.033	867 17.37	-0.177	917 18.68	2.012	967 20.27	-0.281	984 20.95	-2.247
818 16.13	4.135	868 17.38	-0.426	918 18.71	0.514	968 20.29	-1.280	983 20.89	-0.875
819 16.16	2.635	869 17.40	-1.050	919 18.75	-1.357	969 20.33	-1.528	982 20.87	1.622
820 16.19	1.634	870 17.44	-2.923	920 18.78	-1.106	970 20.34	-1.903	981 20.82	3.495
821 16.22	0.139	871 17.45	-3.298	921 18.81	-0.729	971 20.38	-1.901	980 20.77	4.992
822 16.24	-1.403	872 17.46	-2.047	922 18.84	-0.478	972 20.41	-0.024	979 20.74	3.366
823 16.27	-2.356	873 17.48	-1.171	923 18.87	0.772	973 20.48	-0.021	978 20.71	1.864
824 16.29	-2.730	874 17.51	-1.044	924 18.90	1.398	974 20.52	-0.019	977 20.67	0.237
825 16.30	-2.105	875 17.52	-2.044	925 18.91	1.524	975 20.60	0.859	976 20.64	-0.012
826 16.33	-0.853	876 17.54	-2.043	926 18.94	1.150	976 20.64	-0.012	975 20.60	0.859
827 16.36	-0.227	877 17.57	-2.041	927 18.96	2.026	977 20.67	0.237	974 20.52	-0.019
828 16.39	1.023	878 17.59	-1.790	928 18.99	2.653	978 20.71	1.864	973 20.48	-0.021
829 16.42	0.774	879 17.61	-1.415	929 19.01	2.655	979 20.74	3.366	972 20.41	-0.024
830 16.45	2.276	880 17.62	-1.414	930 19.03	0.995	980 20.77	4.992	971 20.38	-1.901
831 16.47	2.527	881 17.65	-1.162	931 19.05	-0.342	981 20.82	3.495	970 20.34	-1.903
832 16.49	1.027	882 17.69	-0.160	932 19.08	-1.591	982 20.87	1.622	969 20.33	-1.528
833 16.51	-0.470	883 17.71	0.714	933 19.11	-2.589	983 20.89	-0.875	968 20.29	-1.280
834 16.54	-3.363	884 17.74	2.340	934 19.14	-3.213	984 20.95	-2.247	967 20.27	-0.281
835 16.56	-5.217	885 17.76	3.501	935 19.16	-3.462	985 20.97	-1.671	966 20.23	0.590
836 16.57	-5.341	886 17.78	3.842	936 19.20	-5.085	986 20.99	-3.320	965 20.20	0.213
837 16.60	-1.965	887 17.81	4.219	937 19.24	-1.333	987 21.02	-0.368	964 20.17	-1.911
838 16.63	-0.338	888 17.84	2.970	938 19.27	0.542	988 21.06	1.257	963 20.14	-3.537
839 16.67	-0.087	889 17.88	4.472	939 19.31	1.794	989 21.10	1.508	962 20.13	-3.788
840 16.69	0.913	890 17.90	4.223	940 19.34	2.420	990 21.13	1.885	961 20.14	-3.537
841 16.72	3.539	891 17.93	4.225	941 19.37	2.422	991 21.16	1.262	960 20.13	-3.788
842 16.74	4.165	892 17.96	3.351	942 19.41	1.174	992 21.22	-0.609	959 20.13	-3.788
843 16.80	4.418	893 17.99	-2.353	943 19.45	-0.072	993 21.25	-2.482	958 20.13	-3.788
844 16.83	3.020	894 18.02	3.604	944 19.48	-0.071	994 21.29	-3.105	957 20.13	-3.788
845 16.86	1.671	895 18.05	1.731	945 19.52	0.804	995 21.32	-2.853	956 20.13	-3.788
846 16.88	-1.826	896 18.07	0.657	946 19.57	0.307	996 21.38	-1.600	955 20.13	-3.788
847 16.90	-4.825	897 18.10	0.233	947 19.62	0.184	997 21.43	-1.598	954 20.13	-3.788
848 16.92	-5.824	898 18.13	-0.388	948 19.66	-0.688	998 21.49	-0.595	953 20.13	-3.788
849 16.94	-6.323	899 18.16	-1.012	949 19.71	-2.559	999 21.53	-0.843	952 20.13	-3.788
850 16.98	-4.696	900 18.18	-1.386	950 19.73	-1.308	1000 21.58	-1.465	951 20.13	-3.788

INDEX NO.	309	1304-GR-3	OTANOSHIKE B.	TR.	MAX.ACCEL. =	14.054(GAL)	T = 7.03(SEC)	NO. 6
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)					
1001 21.65	-2.087	1051 23.52	-1.744					
1002 21.69	-3.085	1052 23.56	-1.117					
1003 21.73	-3.083	1053 23.60	-1.115					
1004 21.75	-2.207	1054 23.63	-0.238					
1005 21.77	0.042	1055 23.68	1.637					
1006 21.80	0.669	1056 23.73	1.639					
1007 21.84	0.921	1057 23.77	1.391					
1008 21.89	0.924	1058 23.80	0.518					
1009 21.95	0.676	1059 23.83	-1.104					
1010 22.00	-1.194	1060 23.87	-1.727					
1011 22.04	-2.442	1061 23.90	-2.600					
1012 22.07	-2.191							
1013 22.11	-1.189							
1014 22.13	-0.313							
1015 22.16	0.688							
1016 22.19	1.313							
1017 22.23	0.691							
1018 22.29	-0.555							
1019 22.33	-2.053							
1020 22.39	-4.550							
1021 22.43	-4.298							
1022 22.47	-4.296							
1023 22.50	-3.419							
1024 22.52	-2.168							
1025 22.53	-0.918							
1026 22.56	1.332							
1027 22.60	1.334							
1028 22.62	0.711							
1029 22.67	-0.161							
1030 22.70	-0.534							
1031 22.75	1.966							
1032 22.78	3.218							
1033 22.81	2.594							
1034 22.85	0.471							
1035 22.88	-0.150							
1036 22.92	-2.398							
1037 22.95	-4.272							
1038 22.98	-1.145							
1039 23.01	-1.769							
1040 23.03	-1.768							
1041 23.08	-0.890							
1042 23.12	1.359							
1043 23.15	1.111							
1044 23.22	-0.508							
1045 23.27	-0.506							
1046 23.31	0.744							
1047 23.35	1.996							
1048 23.40	-0.125							
1049 23.44	-1.494							
1050 23.47	-2.622							

Table IV D-11. Digitized Accelerations of Earthquake Record with Index Number 310

INDEX NO.	310	1304-G4-3	OTANOSHIGE B.	U-D	MAX. ACCEL. * -3.365 (GAL)	T=15.09 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	0.616	51 2.02	-0.614	101 4.23	0.204	151 6.43	1.291
2 0.04	0.046	52 2.09	-1.002	102 4.27	-0.001	152 6.47	1.670
3 0.07	0.424	53 2.13	-0.373	103 4.29	-0.030	153 6.52	1.924
4 0.09	0.426	54 2.18	-0.610	104 4.34	0.464	154 6.58	2.305
5 0.11	-1.696	55 2.22	1.258	105 4.40	0.845	155 6.62	2.558
6 0.14	1.930	56 2.26	0.638	106 4.45	0.600	156 6.65	2.563
7 0.19	1.960	57 2.30	1.517	107 4.49	-0.020	157 6.69	2.666
8 0.24	-0.103	58 2.35	0.396	108 4.53	-1.015	158 6.75	1.696
9 0.30	0.446	59 2.41	0.027	109 4.59	-0.385	159 6.79	1.450
10 0.35	0.451	60 2.45	0.282	110 4.63	-0.630	160 6.84	0.830
11 0.41	-0.166	61 2.50	0.661	111 4.68	-0.376	161 6.87	1.083
12 0.46	-0.412	62 2.52	1.538	112 4.70	-0.124	162 6.90	0.461
13 0.51	-0.781	63 2.57	0.660	113 4.73	-0.121	163 6.94	-2.033
14 0.56	-0.151	64 2.61	0.672	114 4.81	-0.363	164 6.97	-0.531
15 0.66	-0.142	65 2.65	1.301	115 4.85	-0.109	165 7.01	1.347
16 0.72	0.113	66 2.71	0.431	116 4.88	-1.232	166 7.05	2.975
17 0.78	-1.005	67 2.73	-0.564	117 4.91	-0.353	167 7.09	2.354
18 0.81	0.122	68 2.77	0.688	118 4.95	0.698	168 7.13	2.108
19 0.84	0.125	69 2.81	-0.182	119 5.00	1.153	169 7.16	1.738
20 0.89	0.129	70 2.83	0.944	120 5.06	0.908	170 7.22	0.492
21 0.91	0.756	71 2.89	1.949	121 5.10	0.913	171 7.28	0.122
22 0.94	0.259	72 2.92	1.077	122 5.15	0.917	172 7.32	0.502
23 0.98	-0.735	73 2.95	0.705	123 5.18	0.870	173 7.36	0.255
24 1.02	-0.481	74 3.00	0.461	124 5.23	-1.823	174 7.39	-0.115
25 1.06	0.146	75 3.04	-0.159	125 5.29	-1.817	175 7.42	-0.112
26 1.09	-0.350	76 3.10	-1.155	126 5.35	-1.561	176 7.45	-0.734
27 1.13	-0.095	77 3.13	-1.151	127 5.39	-1.558	177 7.47	-2.232
28 1.16	0.781	78 3.17	-1.147	128 5.46	-1.926	178 7.50	-1.355
29 1.19	0.533	79 3.21	-0.518	129 5.50	-1.297	179 7.52	-0.727
30 1.22	-0.761	80 3.26	-0.513	130 5.56	0.332	180 7.55	-0.975
31 1.26	0.541	81 3.31	-0.758	131 5.65	-0.532	181 7.59	-1.346
32 1.30	0.544	82 3.36	0.370	132 5.68	-0.529	182 7.62	-1.342
33 1.33	0.799	83 3.42	0.750	133 5.73	-0.025	183 7.67	-0.463
34 1.36	-0.073	84 3.45	-1.376	134 5.78	0.353	184 7.71	0.789
35 1.40	0.803	85 3.51	0.134	135 5.86	-0.887	185 7.74	0.292
36 1.43	0.306	86 3.54	-1.111	136 5.91	-1.508	186 7.77	-0.703
37 1.45	-0.314	87 3.58	-0.857	137 5.97	-2.751	187 7.80	-0.700
38 1.47	-0.313	88 3.62	-0.478	138 6.02	-1.872	188 7.84	-0.447
39 1.52	-0.682	89 3.67	0.399	139 6.07	0.066	189 7.87	-0.693
40 1.56	1.195	90 3.71	0.778	140 6.10	-0.489	190 7.90	-0.691
41 1.61	0.949	91 3.72	0.779	141 6.13	-1.737	191 7.94	-0.063
42 1.65	0.329	92 3.78	-0.713	142 6.16	-2.359	192 7.96	0.813
43 1.68	0.332	93 3.83	-0.708	143 6.19	-1.856	193 7.98	0.815
44 1.72	1.210	94 3.88	0.169	144 6.22	-1.853	194 8.00	-0.056
45 1.76	0.589	95 3.92	-0.825	145 6.25	-0.600	195 8.05	-0.302
46 1.81	-0.280	96 3.98	-0.444	146 6.27	0.025	196 8.10	-0.671
47 1.86	-0.650	97 4.03	-0.189	147 6.30	0.403	197 8.17	-0.914
48 1.89	-0.396	98 4.08	-0.434	148 6.32	-1.093	198 8.21	-1.286
49 1.92	0.855	99 4.12	-0.430	149 6.38	-1.087	199 8.26	-0.656
50 1.96	0.358	100 4.18	0.449	150 6.41	0.414	200 8.29	-0.902

INDEX NO.	310	1304-G4-3	OTANOSHIGE B.	U-D	MAX. ACCEL. * -3.365 (GAL)	T=15.09 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 8.34	0.225	251 10.39	-0.198	301 12.92	-2.952	351 15.14	-3.361
202 8.37	0.603	252 10.41	0.420	302 12.97	-2.447	352 15.17	-1.607
203 8.41	1.231	253 10.48	-1.681	303 13.02	-0.810	353 15.21	-2.104
204 8.46	0.987	254 10.50	1.818	304 13.05	0.059	354 15.26	-1.849
205 8.51	-0.007	255 10.64	0.574	305 13.09	1.938	355 15.32	0.654
206 8.56	-0.626	256 10.68	-1.920	306 13.13	1.942	356 15.36	1.533
207 8.60	-1.268	257 10.73	-2.541	307 13.18	0.196	357 15.41	1.913
208 8.64	-1.494	258 10.77	-1.036	308 13.23	-0.172	358 15.49	0.046
209 8.69	-0.614	259 10.82	-0.407	309 13.29	0.082	359 15.54	-1.822
210 8.73	-0.360	260 10.87	-1.027	310 13.34	0.462	360 15.58	-0.568
211 8.77	0.891	261 10.92	-0.772	311 13.38	1.090	361 15.62	-0.814
212 8.80	1.895	262 10.96	0.230	312 13.43	1.346	362 15.66	-1.185
213 8.84	-1.274	263 11.00	0.234	313 13.47	1.100	363 15.70	-0.307
214 8.87	0.402	264 11.04	0.487	314 13.52	-0.479	364 15.73	0.320
215 8.90	0.280	265 11.06	-0.633	315 13.57	-2.014	365 15.77	0.699
216 8.94	0.285	266 11.10	-0.360	316 13.61	-2.635	366 15.83	0.454
217 9.00	-0.209	267 11.15	0.499	317 13.65	-2.381	367 15.86	0.332
218 9.03	-0.206	268 11.19	1.502	318 13.69	-0.127	368 15.93	2.214
219 9.08	0.297	269 11.22	1.505	319 13.72	1.124	369 15.97	2.343
220 9.12	0.925	270 11.26	1.259	320 13.75	1.377	370 16.04	1.100
221 9.16	0.930	271 11.31	0.689	321 13.78	0.255	371 16.11	1.356
222 9.20	0.059	272 11.37	0.270	322 13.83	0.509	372 16.15	1.610
223 9.25	-0.310	273 11.41	-0.350	323 13.89	0.265	373 16.19	-0.134
224 9.26	0.602	274 11.48	-0.968	324 13.93	0.519	374 16.24	0.119
225 9.31	1.319	275 11.53	-0.713	325 13.97	1.397	375 16.29	0.374
226 9.36	1.574	276 11.59	-0.332	326 14.00	2.026	376 16.37	0.756
227 9.41	0.454	277 11.65	0.297	327 14.04	1.155	377 16.42	0.762
228 9.47	-0.163	278 11.71	0.553	328 14.09	1.784	378 16.46	-1.168
229 9.55	-0.781	279 11.76	1.183	329 14.13	0.538	379 16.51	-1.478
230 9.61	-1.775	280 11.82	1.188	330 14.14	-0.333	380 16.55	-0.850
231 9.65	-2.395	281 11.88	1.818	331 14.18	-0.705	381 16.58	-0.721
232 9.67	-2.143	282 11.93	2.449	332 14.21	0.172	382 16.62	-0.718
233 9.70	-0.890	283 11.97	2.578	333 14.25	-0.323	383 16.64	0.158
234 9.74	-0.512	284 12.02	3.084	334 14.31	-0.042	384 16.67	0.786
235 9.77	-0.758	285 12.07	1.588	335 14.34	-0.684	385 16.71	0.789
236 9.80	-1.755	286 12.11	0.092	336 14.35	-0.680	386 16.76	2.669
237 9.84	0.121	287 12.16	-1.151	337 14.43	0.818	387 16.78	2.672
238 9.89	0.750	288 12.23	-2.394	338 14.49	1.199	388 16.85	1.420
239 9.91	0.753	289 12.29	-3.014	339 14.53	0.953	389 16.90	-0.440
240 9.95	0.506	290 12.33	-2.759	340 14.58	-0.041	390 16.95	-1.311
241 9.95	-1.113	291 12.38	-1.565	341 14.60	-1.288	391 17.02	-1.304
242 10.02	-1.984	292 12.41	-0.002	342 14.64	0.589	392 17.07	-0.424
243 10.06	-0.854	293 12.43	0.626	343 14.69	0.843	393 17.12	0.829
244 10.11	-0.950	294 12.52	1.882	344 14.74	0.600	394 17.16	1.083
245 10.16	-1.345	295 12.57	2.261	345 14.80	0.604	395 17.20	1.087
246 10.19	-1.718	296 12.62	1.017	346 14.87	0.361	396 17.24	-0.013
247 10.22	-1.465	297 12.68	0.397	347 14.91	0.241	397 17.28	-0.653
248 10.26	-0.462	298 12.75	-0.844	348 14.99	-1.875	398 17.34	-0.648
249 10.31	-0.295	299 12.83	-2.714	349 15.03	-3.122	399 17.40	0.232
250 10.36	-2.202	300 12.86	-2.458	350 15.09	-3.365	400 17.44	0.485

INDEX NO.	310	1304-GR-3	OTANOSHIME B.	U-D	MAX. ACCEL. *	-3.355 (GAL)	1:15.09 (SEC)	NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	17.47	0.489	451	19.89	0.273	501	22.40	-1.780
402	17.51	-1.005	452	19.92	1.102	502	22.49	0.103
403	17.54	-1.028	453	19.99	0.403	503	22.54	0.107
404	17.58	0.499	454	20.04	0.219	504	22.67	0.990
405	17.64	0.505	455	20.11	-0.120	505	22.68	0.998
406	17.68	0.509	456	20.15	-0.999	506	22.74	0.752
407	17.74	0.265	457	20.20	0.505	507	22.81	1.009
408	17.78	0.269	458	20.26	0.510	508	22.87	0.514
409	17.83	0.524	459	20.29	-0.985	509	22.96	-0.725
410	17.87	0.278	460	20.35	-1.604	510	23.03	-0.217
411	17.90	-0.988	461	20.39	-2.225	511	23.10	0.161
412	17.95	0.911	462	20.44	-2.220	512	23.15	0.167
413	17.99	1.165	463	20.48	-0.466	513	23.22	1.048
414	18.05	1.295	464	20.53	-0.712	514	23.27	1.678
415	18.13	0.678	465	20.57	-1.332	515	23.33	1.435
416	18.19	-0.314	466	20.63	-2.202	516	23.39	0.506
417	18.24	-0.309	467	20.67	-1.323	517	23.44	1.443
418	18.29	-0.054	468	20.72	-0.068	518	23.50	2.324
419	18.32	1.197	469	20.77	0.560	519	23.56	2.087
420	18.37	0.077	470	20.82	-0.683	520	23.66	1.215
421	18.43	-0.541	471	20.87	-0.929	521	23.76	0.843
422	18.47	-0.912	472	20.90	-0.925	522	23.74	0.222
423	18.50	-0.659	473	20.96	-1.920	523	23.81	-0.395
424	18.53	-0.281	474	21.01	-0.664	524	23.84	-6.392
425	18.59	1.223	475	21.06	0.858	525	23.89	-1.012
426	18.64	0.727	476	21.11	1.460	526	23.93	-1.633
427	18.69	0.732	477	21.17	1.224	527	23.97	-1.629
428	18.72	-0.263	478	21.22	1.229	528	24.00	-0.376
429	18.79	-1.506	479	21.28	1.485			
430	18.83	-0.677	480	21.32	2.489			
431	18.88	-0.248	481	21.35	2.742			
432	18.91	0.379	482	21.36	2.495			
433	18.96	0.634	483	21.48	2.754			
434	19.01	0.138	484	21.52	2.258			
435	19.07	0.144	485	21.59	0.389			
436	19.11	0.398	486	21.62	-0.605			
437	19.14	1.026	487	21.67	-1.850			
438	19.20	-0.216	488	21.72	-1.220			
439	19.27	-0.210	489	21.78	-0.964			
440	19.33	-0.828	490	21.81	-0.961			
441	19.39	-0.823	491	21.87	-1.206			
442	19.43	-1.069	492	21.91	-0.827			
443	19.47	-0.199	493	21.95	0.676			
444	19.49	-1.688	494	22.01	0.931			
445	19.55	-0.807	495	22.07	0.688			
446	19.60	0.446	496	22.12	-0.161			
447	19.65	0.701	497	22.18	-0.175			
448	19.70	0.206	498	22.24	-2.045			
449	19.75	0.211	499	22.31	-3.038			
450	19.82	0.717	500	22.36	-2.408			

Table IV D-12. Digitized Accelerations of Earthquake Record with Index Number 311

INDEX NO.	311	1304-GR-3	OTANOSHIME B.	LG.	MAX. ACCEL. *	11.485 (GAL)	f = 4.13 (SEC)	NO. 1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	-3.219	51	1.18	5.002	101	2.23	2.309
2	0.01	-2.966	52	1.20	6.257	102	2.25	1.940
3	0.02	-2.983	53	1.22	7.262	103	2.28	1.946
4	0.05	-4.079	54	1.24	7.518	104	2.29	1.326
5	0.08	-4.072	55	1.26	7.899	105	2.31	0.707
6	0.10	-3.815	56	1.27	8.153	106	2.32	-0.163
7	0.11	-2.936	57	1.29	7.286	107	2.34	-1.407
8	0.14	-3.179	58	1.31	6.039	108	2.37	-3.149
9	0.16	-3.797	59	1.33	4.170	109	2.39	-3.769
10	0.18	-3.165	60	1.35	3.301	110	2.40	-4.389
11	0.21	-2.908	61	1.36	2.305	111	2.42	-4.633
12	0.23	-2.528	62	1.38	1.059	112	2.44	-4.129
13	0.24	-2.523	63	1.40	-0.184	113	2.45	-3.751
14	0.26	-3.332	64	1.41	-1.053	114	2.46	-3.407
15	0.29	-3.761	65	1.44	-1.672	115	2.48	-3.116
16	0.30	-4.005	66	1.46	-1.663	116	2.50	-2.237
17	0.33	-3.123	67	1.48	-1.408	117	2.51	-0.983
18	0.35	-2.241	68	1.50	-1.153	118	2.52	0.019
19	0.37	-3.361	69	1.52	-1.146	119	2.54	1.272
20	0.39	-3.750	70	1.54	-1.141	120	2.55	2.525
21	0.41	-3.722	71	1.56	-1.384	121	2.56	4.656
22	0.44	-3.466	72	1.58	-2.754	122	2.58	6.410
23	0.47	-2.657	73	1.60	-3.623	123	2.60	8.290
24	0.49	-2.451	74	1.62	-4.243	124	2.61	8.544
25	0.51	-3.069	75	1.66	-6.480	125	2.62	8.296
26	0.53	-3.083	76	1.69	-6.223	126	2.64	8.303
27	0.55	-2.431	77	1.72	-6.212	127	2.65	6.431
28	0.58	-2.174	78	1.76	-5.828	128	2.67	4.310
29	0.60	-1.792	79	1.79	-5.567	129	2.68	2.439
30	0.62	-1.785	80	1.83	-4.308	130	2.69	1.443
31	0.65	-1.152	81	1.85	-3.050	131	2.71	-0.050
32	0.68	0.354	82	1.87	-1.794	132	2.72	-1.296
33	0.70	0.985	83	1.90	0.451	133	2.74	-1.291
34	0.74	1.371	84	1.91	2.590	134	2.75	-0.787
35	0.76	1.379	85	1.92	4.218	135	2.76	-0.784
36	0.78	0.760	86	1.93	5.596	136	2.77	-1.031
37	0.80	1.641	87	1.96	4.978	137	2.78	-1.003
38	0.82	2.647	88	1.97	4.108	138	2.80	-2.398
39	0.84	3.527	89	1.99	3.738	139	2.82	-2.391
40	0.85	4.158	90	2.03	3.749	140	2.83	-1.764
41	0.89	4.543	91	2.05	3.131	141	2.85	-1.510
42	0.92	3.926	92	2.07	2.888	142	2.86	-1.131
43	0.95	3.059	93	2.08	3.141	143	2.87	-0.753
44	0.97	1.441	94	2.10	2.895	144	2.89	-2.623
45	0.99	1.697	95	2.12	1.276	145	2.91	-3.616
46	1.01	6.578	96	2.14	2.156	146	2.93	-1.736
47	1.03	-0.636	97	2.16	2.162	147	2.97	0.148
48	1.09	2.476	98	2.18	2.167	148	2.99	-0.094
49	1.17	6.469	99	2.20	2.550	149	3.00	-2.589
50	1.18	2.996	100	2.21	2.554	150	3.02	-5.459
101	3.04	-6.954						
102	3.05	-5.201						
103	3.07	-4.195						
104	3.09	-3.940						
105	3.11	-3.559						
106	3.12	-2.305						
107	3.15	-1.673						
108	3.17	-3.167						
109	3.18	-4.143						
110	3.20	-5.407						
111	3.23	-7.523						
112	3.25	-11.394						
113	3.26	-9.639						
114	3.28	-7.760						
115	3.29	-5.504						
116	3.30	-4.003						
117	3.31	-3.376						
118	3.32	-3.373						
119	3.33	-3.369						
120	3.34	-3.865						
121	3.36	-3.611						
122	3.37	-2.733						
123	3.39	-0.353						
124	3.40	1.524						
125	3.42	2.778						
126	3.43	4.033						
127	3.45	4.037						
128	3.47	4.293						
129	3.48	4.298						
130	3.50	4.052						
131	3.52	4.308						
132	3.54	5.688						
133	3.55	7.316						
134	3.56	7.319						
135	3.58	6.075						
136	3.59	5.203						
137	3.60	3.502						
138	3.62	2.336						
139	3.63	0.839						
140	3.64	1.093						
141	3.66	0.847						
142	3.67	-0.147						
143	3.70	-0.138						
144	3.72	-0.131						
145	3.74	-1.001						
146	3.76	-2.747						
147	3.77	-2.742						
148	3.80	-2.359						
149	3.82	-0.852						
150	3.84	1.027						

INDEX NO.	311	1304-GR-3	OTANDSHIKE B.	LG.	MAX.ACCEL.±	11.405(GAL)	T= 4.13(SEC)	NO. 2		
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
201	3.85	1.904	251	4.72	1.281	301	5.71	3.441	351	6.67
202	3.87	1.659	252	4.74	2.537	302	5.73	2.196	352	6.69
203	3.88	-0.460	253	4.77	3.171	303	5.74	0.550	353	6.70
204	3.90	-2.705	254	4.80	4.054	304	5.76	0.351	354	6.72
205	3.91	-3.053	255	4.82	4.685	305	5.77	0.336	355	6.75
206	3.93	-2.446	256	4.84	5.314	306	5.79	0.590	356	6.77
207	3.95	-1.441	257	4.85	5.694	307	5.81	-0.527	357	6.78
208	3.97	-0.809	258	4.86	4.197	308	5.83	-0.698	358	6.80
209	4.00	0.071	259	4.89	1.704	309	5.85	-0.015	359	6.82
210	4.02	0.452	260	4.90	0.709	310	5.88	-0.008	360	6.83
211	4.04	1.334	261	4.93	-0.532	311	5.90	0.621	361	6.84
212	4.06	1.339	262	4.94	-1.155	312	5.93	1.005	362	6.86
213	4.08	4.220	263	4.96	-2.021	313	5.95	1.010	363	6.87
214	4.09	6.223	264	4.98	-3.093	314	5.98	-0.229	364	6.89
215	4.10	8.101	265	4.99	-5.139	315	5.99	-0.050	365	6.91
216	4.11	11.230	266	5.00	-6.761	316	6.01	-0.219	366	6.92
217	4.13	11.485	267	5.02	-6.505	317	6.04	1.038	367	6.94
218	4.14	9.362	268	5.04	-5.250	318	6.07	1.045	368	6.96
219	4.15	7.400	269	5.07	-2.742	319	6.09	1.677	369	6.99
220	4.15	4.994	270	5.08	-2.738	320	6.12	1.683	370	7.02
221	4.17	3.497	271	5.10	-2.107	321	6.14	2.316	371	7.03
222	4.18	2.251	272	5.13	-0.472	322	6.16	2.322	372	7.05
223	4.20	1.255	273	5.16	1.034	323	6.18	0.828	373	7.07
224	4.22	1.896	274	5.18	1.049	324	6.20	-1.040	374	7.08
225	4.24	1.641	275	5.20	1.045	325	6.23	-1.408	375	7.10
226	4.25	1.645	276	5.23	1.052	326	6.25	-1.402	376	7.11
227	4.26	1.648	277	5.24	1.057	327	6.26	-1.397	377	7.13
228	4.28	-1.909	278	5.26	0.563	328	6.27	0.729	378	7.15
229	4.30	-2.214	279	5.28	-0.430	329	6.29	-0.389	379	7.16
230	4.33	-3.206	280	5.30	-0.175	330	6.30	-1.635	380	7.19
231	4.35	-3.449	281	5.33	1.706	331	6.32	-0.755	381	7.20
232	4.37	-3.444	282	5.35	3.336	332	6.34	-0.125	382	7.21
233	4.37	-1.313	283	5.37	4.592	333	6.35	-1.372	383	7.22
234	4.41	2.047	284	5.38	6.221	334	6.37	-0.491	384	7.25
235	4.43	3.071	285	5.39	8.475	335	6.39	0.763	385	7.27
236	4.44	3.325	286	5.41	8.480	336	6.42	1.146	386	7.29
237	4.46	1.831	287	5.42	7.859	337	6.44	2.651	387	7.32
238	4.48	0.961	288	5.46	6.894	338	6.46	3.032	388	7.34
239	4.50	0.341	289	5.48	7.251	339	6.47	3.661	389	7.35
240	4.53	-0.898	290	5.49	6.629	340	6.50	2.794	390	7.36
241	4.54	-1.269	291	5.51	5.384	341	6.51	1.799	391	7.39
242	4.57	-4.011	292	5.52	3.262	342	6.53	0.303	392	7.41
243	4.59	-5.879	293	5.54	2.018	343	6.54	-0.316	393	7.42
244	4.61	-7.748	294	5.56	2.024	344	6.56	-2.810	394	7.44
245	4.63	-7.493	295	5.59	0.781	345	6.57	-4.432	395	7.47
246	4.64	-5.364	296	5.61	-0.461	346	6.59	-5.051	396	7.49
247	4.66	-2.860	297	5.63	-1.829	347	6.61	-5.208	397	7.51
248	4.67	-0.606	298	5.64	-2.201	348	6.63	-4.792	398	7.52
249	4.69	0.271	299	5.66	-0.695	349	6.64	-3.788	399	7.54
250	4.70	0.276	300	5.69	1.810	350	6.66	-4.033	400	7.57

INDEX NO.	311	1304-GR-3	OTANUSHIKE B.	LG.	MAX.ACCEL.±	11.485(GAL)	T= 4.13(SEC)	NO. 3			
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)		
401	7.58	-5.016	451	8.46	-1.385	501	9.32	-4.259	551	10.28	-3.105
402	7.60	-6.010	452	8.48	-1.131	502	9.33	-2.381	552	10.30	-2.098
403	7.61	-4.507	453	8.50	0.123	503	9.35	-0.252	553	10.33	-2.716
404	7.63	-2.627	454	8.51	0.502	504	9.37	1.376	554	10.34	-2.461
405	7.65	-1.997	455	8.55	1.762	505	9.38	1.632	555	10.37	-1.453
406	7.68	-1.612	456	8.57	-0.978	506	9.40	2.636	556	10.39	0.675
407	7.70	-1.357	457	8.59	-2.846	507	9.43	4.769	557	10.40	2.304
408	7.72	-0.726	458	8.61	-2.841	508	9.45	4.525	558	10.42	1.685
409	7.73	-0.997	459	8.64	-2.835	509	9.47	4.282	559	10.44	1.066
410	7.75	-0.693	460	8.65	-1.080	510	9.49	4.787	560	10.47	2.324
411	7.76	-0.339	461	8.67	0.549	511	9.50	5.166	561	10.49	3.828
412	7.78	0.540	462	8.69	1.429	512	9.51	3.919	562	10.50	5.707
413	7.80	0.045	463	8.70	2.057	513	9.53	2.048	563	10.52	5.212
414	7.81	-2.449	464	8.72	2.063	514	9.54	0.552	564	10.54	4.219
415	7.82	-3.445	465	8.73	-0.057	515	9.55	-0.442	565	10.55	3.347
416	7.84	-4.315	466	8.75	-1.926	516	9.57	-1.313	566	10.56	1.723
417	7.86	-4.685	467	8.77	-2.121	517	9.59	-1.681	567	10.57	-0.771
418	7.88	-5.555	468	8.79	-2.165	518	9.61	-3.175	568	10.58	-2.644
419	7.89	-5.192	469	8.81	-3.160	519	9.63	-4.418	569	10.59	-3.891
420	7.91	-5.046	470	8.82	-3.156	520	9.66	-2.665	570	10.60	-4.136
421	7.93	-4.040	471	8.84	-2.526	521	9.66	-1.661	571	10.64	-3.627
422	7.94	-3.787	472	8.85	0.226	522	9.69	-2.277	572	10.66	-3.619
423	7.96	-4.657	473	8.87	0.856	523	9.71	-0.772	573	10.69	-1.737
424	7.98	-4.400	474	8.89	0.861	524	9.73	1.107	574	10.71	0.144
425	8.00	-2.769	475	8.90	0.366	525	9.75	1.490	575	10.74	1.401
426	8.02	-1.513	476	8.93	-0.625	526	9.77	0.870	576	10.77	2.035
427	8.04	0.815	477	8.94	-2.120	527	9.80	1.129	577	10.80	3.293
428	8.06	2.872	478	8.96	-3.740	528	9.82	-0.988	578	10.82	0.330
429	8.09	2.879	479	8.98	-1.610	529	9.84	-3.483	579	10.85	-1.563
430	8.10	3.509	480	9.00	-0.605	530	9.86	-5.978	580	10.90	-1.050
431	8.12	3.763	481	9.01	-0.352	531	9.89	-5.970	581	10.93	-1.917
432	8.13	3.266	482	9.03	0.270	532	9.91	-3.464	582	10.95	-1.911
433	8.15	2.806	483	9.05	-1.464	533	9.92	-0.961	583	10.96	-2.783
434	8.16	2.699	484	9.07	-0.958	534	9.94	0.544	584	10.98	-2.528
435	8.17	3.778	485	9.08	0.918	535	9.97	0.927	585	10.99	-4.022
436	8.19	3.783	486	9.10	1.549	536	9.99	0.684	586	11.01	-5.268
437	8.20	3.786	487	9.12	0.429	537	10.01	1.191	587	11.02	-7.139
438	8.21	2.915	488	9.14	0.310	538	10.05	3.450	588	11.03	-5.513
439	8.23	2.920	489	9.16	0.315	539	10.06	4.955	589	11.05	-7.006
440	8.25	2.676	490	9.17	-0.894	540	10.09	6.586	590	11.09	-3.120
441	8.26	2.305	491	9.18	-2.426	541	10.10	7.592	591	11.11	-2.863
442	8.28	1.435	492	9.20	-2.421	542	10.12	6.723	592	11.13	-2.233
443	8.29	-0.104	493	9.21	-2.417	543	10.14	5.229	593	11.15	-0.851
444	8.32	-1.677	494	9.22	-2.663	544	10.16	2.982	594	11.16	-4.348
445	8.34	-2.227	495	9.24	-4.534	545	10.17	1.110	595	11.18	-4.343
446	8.35	-1.761	496	9.26	-4.276	546	10.18	-2.383	596	11.20	-2.837
447	8.36	-1.635	497	9.27	-4.524	547	10.19	-4.005	597	11.21	-2.460
448	8.43	-1.652	498	9.28	-5.147	548	10.21	-4.626	598	11.22	-3.980
449	8.42	-2.273	499	9.30	-7.017	549	10.23	-3.994	599	11.24	-3.609
450	8.44	-2.640	500	9.31	-5.887	550	10.25	-3.363	600	11.26	-2.620

INDEX NO. 311	1304-GH-3	OTANOSHKE B.	LG.	MAX.ACCEL+4	11.485(GAL)	T= 4.13(SEC)	NO. 4
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
601 11.28	-1.564	651 12.31	-2.139	701 13.19	-4.005	751 14.20	0.288
602 11.30	-1.558	652 12.32	-2.761	702 13.21	-5.626	752 14.21	-1.633
603 11.32	-0.927	653 12.34	-4.879	703 13.22	-6.497	753 14.22	-3.455
604 11.35	-0.543	654 12.36	-5.249	704 13.25	-4.364	754 14.23	-4.329
605 11.37	-0.786	655 12.38	-6.493	705 13.26	-4.985	755 14.24	-4.698
606 11.40	-0.779	656 12.39	-4.305	706 13.28	-6.555	756 14.27	-5.315
607 11.42	2.851	657 12.40	-2.112	707 13.30	-2.473	757 14.30	-6.183
608 11.43	4.478	658 12.41	1.266	708 13.33	-2.467	758 14.32	-5.052
609 11.44	5.731	659 12.43	4.145	709 13.35	-3.336	759 14.33	-4.050
610 11.45	6.984	660 12.44	4.773	710 13.37	-0.570	760 14.35	-0.293
611 11.47	5.738	661 12.45	4.777	711 13.39	0.674	761 14.36	1.032
612 11.48	4.856	662 12.48	4.161	712 13.42	2.183	762 14.37	3.086
613 11.50	4.749	663 12.50	3.540	713 13.44	2.189	763 14.39	5.343
614 11.53	4.508	664 12.51	3.545	714 13.46	0.697	764 14.42	7.476
615 11.55	4.764	665 12.54	4.179	715 13.49	-0.795	765 14.44	8.108
616 11.58	5.398	666 12.56	3.308	716 13.51	-2.039	766 14.46	7.615
617 11.60	5.155	667 12.57	1.686	717 13.52	-4.285	767 14.49	5.998
618 11.62	5.150	668 12.59	0.617	718 13.54	-6.779	768 14.51	4.503
619 11.64	4.914	669 12.60	-0.427	719 13.55	-7.525	769 14.53	2.882
620 11.67	4.540	670 12.62	-1.048	720 13.57	-5.645	770 14.55	1.639
621 11.69	4.556	671 12.63	-1.420	721 13.59	-5.014	771 14.56	0.393
622 11.72	2.063	672 12.64	-2.911	722 13.62	-4.381	772 14.57	-0.477
623 11.75	1.821	673 12.66	-2.410	723 13.65	-4.373	773 14.59	-2.367
624 11.77	0.826	674 12.67	-0.531	724 13.67	-3.115	774 14.60	-3.554
625 11.79	0.209	675 12.69	-0.527	725 13.70	-2.482	775 14.63	-3.336
626 11.82	1.466	676 12.71	0.102	726 13.74	-2.472	776 14.66	-3.076
627 11.85	2.005	677 12.73	0.107	727 13.75	-1.216	777 14.68	-2.446
628 11.86	2.103	678 12.74	-1.388	728 13.78	-0.336	778 14.69	0.057
629 11.88	1.484	679 12.76	-3.030	729 13.80	0.045	779 14.71	1.938
630 11.89	0.612	680 12.78	-3.000	730 13.82	-1.448	780 14.75	1.697
631 11.90	-1.007	681 12.80	-1.744	731 13.85	-3.939	781 14.77	1.453
632 11.91	-1.001	682 12.81	-0.491	732 13.87	-4.932	782 14.80	2.588
633 11.93	0.873	683 12.83	1.138	733 13.89	-4.928	783 14.83	2.348
634 11.95	1.504	684 12.85	0.517	734 13.90	-2.799	784 14.86	2.730
635 11.97	1.261	685 12.86	-0.347	735 13.91	-0.921	785 14.88	-0.137
636 12.00	1.519	686 12.89	-0.717	736 13.92	0.830	786 14.90	-0.381
637 12.02	1.525	687 12.91	-1.962	737 13.94	1.710	787 14.92	-2.250
638 12.03	0.903	688 12.93	-3.455	738 13.96	2.092	788 14.94	-1.744
639 12.05	0.661	689 12.96	-5.699	739 13.97	0.845	789 14.95	1.152
640 12.07	0.291	690 12.98	-4.194	740 13.99	-0.022	790 14.96	3.259
641 12.09	-1.576	691 12.99	-4.190	741 14.01	-1.643	791 14.99	4.892
642 12.11	-2.822	692 13.01	-2.558	742 14.02	-2.264	792 15.00	4.273
643 12.13	-2.819	693 13.03	-1.304	743 14.04	-2.007	793 15.03	3.655
644 12.14	-1.936	694 13.04	1.447	744 14.06	-0.129	794 15.05	3.036
645 12.16	-0.931	695 13.06	4.330	745 14.07	2.374	795 15.06	3.415
646 12.19	-2.174	696 13.09	5.839	746 14.10	3.631	796 15.09	3.672
647 12.21	-0.916	697 13.11	6.845	747 14.12	5.264	797 15.11	5.177
648 12.24	-0.797	698 13.14	7.102	748 14.14	5.020	798 15.13	4.310
649 12.27	-1.775	699 13.16	4.734	749 14.17	3.778	799 15.15	5.191
650 12.29	-2.144	700 13.17	0.987	750 14.19	2.534	800 15.17	5.196

INDEX NO. 311	1304-GH-3	OTANOSHKE B.	LG.	MAX.ACCEL+4	11.485(GAL)	T= 4.13(SEC)	NO. 5
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
801 15.20	3.703	851 16.40	-0.694	901 17.50	0.642	951 19.01	1.065
802 15.22	1.836	852 16.42	-1.558	902 17.59	0.652	952 19.04	0.822
803 15.25	-0.030	853 16.43	3.438	903 17.63	0.037	953 19.07	-0.167
804 15.27	-2.160	854 16.45	5.567	904 17.66	-0.577	954 19.10	0.466
805 15.29	-3.392	855 16.47	7.448	905 17.69	-0.319	955 19.13	0.475
806 15.33	-4.382	856 16.49	7.579	906 17.71	-0.188	956 19.17	-0.387
807 15.35	-2.250	857 16.51	5.334	907 17.75	-0.306	957 19.21	0.748
808 15.39	-2.489	858 16.52	2.588	908 17.78	-0.792	958 19.23	0.758
809 15.41	-2.231	859 16.54	0.095	909 17.82	-0.280	959 19.25	-0.113
810 15.44	0.661	860 16.56	-0.899	910 17.85	-1.396	960 19.28	-0.980
811 15.51	0.419	861 16.58	-1.267	911 17.90	-1.133	961 19.31	-2.222
812 15.53	0.675	862 16.62	-0.800	912 17.94	0.755	962 19.34	-2.587
813 15.55	1.557	863 16.65	-0.873	913 17.97	1.636	963 19.36	-1.705
814 15.58	-0.183	864 16.67	-0.241	914 17.99	2.017	964 19.39	-3.108
815 15.60	-1.801	865 16.70	0.015	915 18.00	-0.101	965 19.43	-3.813
816 15.62	-2.421	866 16.73	0.398	916 18.02	-1.346	966 19.47	-3.799
817 15.65	-0.289	867 16.75	-0.220	917 18.05	-3.212	967 19.51	-3.164
818 15.67	2.215	868 16.77	-1.463	918 18.08	-4.203	968 19.54	-1.278
819 15.69	4.095	869 16.79	-2.083	919 18.11	-3.571	969 19.58	-0.016
820 15.72	2.355	870 16.81	-2.326	920 18.14	-1.436	970 19.61	1.491
821 15.75	-0.509	871 16.83	-0.820	921 18.18	-0.176	971 19.65	3.126
822 15.78	0.123	872 16.86	-0.813	922 18.21	0.207	972 19.69	3.761
823 15.80	0.755	873 16.89	-1.056	923 18.24	0.216	973 19.72	1.023
824 15.83	-0.111	874 16.90	-2.051	924 18.29	0.855	974 19.75	-0.218
825 15.85	-0.728	875 16.92	-1.418	925 18.32	0.864	975 19.78	-0.586
826 15.88	-1.345	876 16.95	-1.411	926 18.33	0.867	976 19.82	0.299
827 15.90	-1.009	877 16.97	-0.155	927 18.36	-1.623	977 19.88	-0.180
828 15.92	0.416	878 16.98	0.096	928 18.38	-1.616	978 19.91	-0.297
829 15.94	1.671	879 16.99	1.475	929 18.41	-0.266	979 19.93	0.082
830 15.96	2.675	880 17.01	-0.768	930 18.44	0.023	980 19.96	0.717
831 15.98	1.181	881 17.03	-2.888	931 18.48	0.535	981 19.99	1.600
832 16.00	-1.310	882 17.06	-3.505	932 18.51	1.168	982 20.02	2.858
833 16.02	-3.179	883 17.09	-2.620	933 18.53	1.801	983 20.05	1.743
834 16.04	-5.793	884 17.12	-2.359	934 18.57	1.501	984 20.08	1.127
835 16.07	-3.291	885 17.15	-3.478	935 18.59	0.943	985 20.11	1.384
836 16.08	-0.786	886 17.17	-3.220	936 18.61	-0.300	986 20.15	2.022
837 16.10	1.093	887 17.21	0.154	937 18.63	-1.795	987 20.18	1.407
838 16.11	0.595	888 17.24	2.672	938 18.65	-2.789	988 20.23	-1.077
839 16.13	-0.647	889 17.26	3.927	939 18.69	-1.526	989 20.28	-1.688
840 16.16	-2.264	890 17.28	4.309	940 18.72	-0.893	990 20.30	-3.181
841 16.19	-3.505	891 17.31	4.317	941 18.75	-0.637	991 20.32	-4.425
842 16.21	-3.501	892 17.34	4.951	942 18.76	-1.756	992 20.36	-2.915
843 16.23	-2.245	893 17.36	3.707	943 18.78	-2.751	993 20.42	-2.021
844 16.24	-0.967	894 17.38	2.838	944 18.80	-1.970	994 20.46	-3.135
845 16.26	-1.612	895 17.39	1.216	945 18.84	-0.233	995 20.50	-2.874
846 16.28	-2.479	896 17.41	-0.901	946 18.88	-0.472	996 20.53	-2.614
847 16.31	-2.471	897 17.45	0.860	947 18.90	-0.465	997 20.57	-2.228
848 16.33	-2.465	898 17.48	1.243	948 18.92	0.039	998 20.61	-0.540
849 16.35	-2.247	899 17.50	1.250	949 18.96	0.676	999 20.64	0.541
850 16.38	-1.576	900 17.54	1.263	950 18.99	0.432	1000 20.69	1.177

INDEX NO.	311	130A-GR-3	OTANOSHIMA 9.	LG.	MAX. ACCEL. = 11.495 (GAL)	T = 4.13 (SEC)	NO. 6
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)				
1001	20.71	0.061	1051	22.58	-1.264		
1002	20.76	-0.296	1052	22.62	-2.255		
1003	20.79	-0.289	1053	22.66	-2.262		
1004	20.81	-1.781	1054	22.71	-1.601		
1005	20.84	-1.274	1055	22.76	-0.962		
1006	20.87	-1.515	1056	22.81	-1.322		
1007	20.90	-1.255	1057	22.84	-0.939		
1008	20.93	0.377	1058	22.89	-0.059		
1009	20.99	4.770	1059	22.93	0.959		
1010	21.02	5.030	1060	22.96	1.217		
1011	21.07	3.252	1061	23.00	0.729		
1012	21.11	5.054	1062	23.02	-0.512		
1013	21.16	4.817	1063	23.05	-1.753		
1014	21.18	2.698	1064	23.10	-2.739		
1015	21.20	0.205	1065	23.13	-1.231		
1016	21.23	-2.660	1066	23.17	-0.220		
1017	21.28	-4.520	1067	23.22	0.416		
1018	21.34	-3.752	1068	23.25	1.302		
1019	21.37	-2.117	1069	23.29	2.311		
1020	21.41	-0.232	1070	23.33	0.449		
1021	21.44	1.277	1071	23.36	-0.416		
1022	21.49	3.040	1072	23.40	1.344		
1023	21.52	2.799	1073	23.45	1.482		
1024	21.55	2.806	1074	23.52	1.501		
1025	21.57	2.189	1075	23.55	1.511		
1026	21.62	1.578	1076	23.58	1.144		
1027	21.65	0.962	1077	23.62	0.279		
1028	21.70	0.976	1078	23.65	-0.334		
1029	21.74	-0.010	1079	23.69	-0.467		
1030	21.77	-0.627	1080	23.73	0.560		
1031	21.80	-0.617	1081	23.75	1.193		
1032	21.84	-1.230	1082	23.79	1.829		
1033	21.88	0.652	1083	23.83	1.839		
1034	21.91	0.911	1084	23.87	1.850		
1035	21.94	1.296	1085	23.90	1.859		
1036	21.98	-0.565	1086	23.92	2.116		
1037	22.03	-0.550					
1038	22.08	-0.786					
1039	22.13	-1.397					
1040	22.16	-0.263					
1041	22.20	0.122					
1042	22.24	-0.738					
1043	22.29	-1.101					
1044	22.32	-0.842					
1045	22.37	1.047					
1046	22.41	1.682					
1047	22.44	2.067					
1048	22.47	2.326					
1049	22.50	3.335					
1050	22.54	2.097					

Table IV D-13. Digitized Accelerations of Earthquake Record with Index Number 312

INDEX NO.	312	905-B-264	OCHIAI BRIDGE	LG.	MAX.ACCEL.* 156.098(GAL)	T= 0.67(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-2.527	51 0.83	6.064	101 1.52	-17.323	151 2.30	-6.617
2 0.04	-1.885	52 0.84	19.378	102 1.54	-9.184	152 2.31	5.399
3 0.05	-2.858	53 0.86	15.085	103 1.55	-7.295	153 2.33	8.037
4 0.07	7.906	54 0.88	6.222	104 1.57	-11.777	154 2.35	3.424
5 0.09	-6.196	55 0.89	-4.511	105 1.58	-14.018	155 2.36	0.313
6 0.10	-7.431	56 0.90	-15.627	106 1.59	-18.874	156 2.38	-1.922
7 0.12	-7.419	57 0.91	-27.744	107 1.61	-19.491	157 2.39	-4.159
8 0.13	-6.789	58 0.92	-33.486	108 1.62	-11.108	158 2.40	-6.272
9 0.14	-7.030	59 0.94	-21.222	109 1.65	-5.337	159 2.42	-7.511
10 0.17	-0.508	60 0.97	-11.944	110 1.66	14.886	160 2.43	-9.245
11 0.19	-2.358	61 0.99	5.819	111 1.67	16.063	161 2.45	-10.484
12 0.20	-3.853	62 1.00	22.080	112 1.69	11.702	162 2.46	-7.971
13 0.23	-11.204	63 1.01	29.594	113 1.71	7.340	163 2.47	3.420
14 0.25	-1.204	64 1.02	33.854	114 1.72	9.361	164 2.49	12.555
15 0.26	-1.426	65 1.04	26.738	115 1.74	16.122	165 2.50	21.818
16 0.27	-2.292	66 1.05	16.247	116 1.75	18.254	166 2.51	27.027
17 0.29	-5.402	67 1.06	-10.112	117 1.76	13.390	167 2.52	24.209
18 0.31	-1.890	68 1.07	-18.728	118 1.77	11.152	168 2.54	19.223
19 0.32	-1.801	69 1.08	-25.339	119 1.79	10.290	169 2.55	11.859
20 0.33	0.883	70 1.09	-31.578	120 1.80	8.051	170 2.56	1.496
21 0.35	0.896	71 1.11	-17.448	121 1.82	-3.420	171 2.58	-1.107
22 0.36	-2.215	72 1.12	16.443	122 1.84	-7.406	172 2.60	-0.841
23 0.38	-5.575	73 1.13	24.707	123 1.87	-7.388	173 2.62	1.680
24 0.40	-6.063	74 1.15	26.338	124 1.88	-15.370	174 2.64	4.195
25 0.41	-5.304	75 1.16	23.225	125 1.89	-22.607	175 2.66	-4.781
26 0.42	-9.918	76 1.17	16.109	126 1.90	-26.227	176 2.68	-13.637
27 0.44	-8.021	77 1.18	-17.371	127 1.92	-30.589	177 2.69	-18.753
28 0.46	-27.502	78 1.19	-51.608	128 1.94	-24.700	178 2.71	-24.862
29 0.47	-53.489	79 1.21	-60.722	129 1.95	-13.938	179 2.73	-27.349
30 0.49	-74.464	80 1.22	-68.956	130 1.96	5.455	180 2.75	-22.080
31 0.50	-62.212	81 1.23	-71.948	131 1.99	14.598	181 2.76	-15.946
32 0.52	26.423	82 1.26	-46.310	132 2.00	17.860	182 2.77	-7.438
33 0.53	61.688	83 1.27	-9.427	133 2.02	18.873	183 2.79	6.201
34 0.54	80.702	84 1.28	7.089	134 2.04	15.520	184 2.80	11.343
35 0.56	82.586	85 1.30	8.721	135 2.06	11.782	185 2.82	12.653
36 0.58	26.966	86 1.31	5.983	136 2.07	1.679	186 2.83	11.744
37 0.59	-40.639	87 1.32	7.503	137 2.09	-2.560	187 2.85	10.133
38 0.60	-77.494	88 1.34	20.139	138 2.10	-10.424	188 2.86	8.272
39 0.62	-95.851	89 1.35	22.771	139 2.12	1.844	189 2.88	-3.706
40 0.64	-72.471	90 1.37	25.286	140 2.14	10.116	190 2.89	-9.443
41 0.65	138.574	91 1.38	29.055	141 2.15	15.251	191 2.91	-12.801
42 0.67	156.098	92 1.39	30.685	142 2.16	15.681	192 2.93	-8.163
43 0.69	146.104	93 1.41	25.821	143 2.18	8.146	193 2.95	11.105
44 0.73	75.982	94 1.42	19.457	144 2.20	-4.328	194 2.96	15.241
45 0.74	29.681	95 1.43	21.221	145 2.21	-20.438	195 2.97	17.875
46 0.76	-42.745	96 1.45	15.358	146 2.23	-24.681	196 2.99	13.887
47 0.77	-66.854	97 1.46	10.617	147 2.24	-26.544	197 3.00	5.888
48 0.78	-78.215	98 1.47	2.380	148 2.26	-27.401	198 3.01	-10.582
49 0.80	-88.076	99 1.49	-6.345	149 2.28	-17.763	199 3.03	-13.950
50 0.82	-46.942	100 1.50	-13.832	150 2.29	-11.126	200 3.04	-16.563

INDEX NO.	312	905-B-204	UCHIAI BRIDGE	LG.	MAX. ACCEL. = 156.098(GAL)	T = 0.67(SEC)	NO. 2	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	3.06	-11.675	251	3.94	9.492	301	4.98	0.595
202	3.07	-7.164	252	3.96	11.130	302	4.99	1.230
203	3.09	-1.773	253	3.97	11.510	303	4.91	-4.997
204	3.12	4.250	254	3.99	10.285	304	4.92	-0.860
205	3.14	7.400	255	4.01	8.676	305	4.94	-13.968
206	3.16	15.420	256	4.03	0.810	306	4.96	-13.702
207	3.18	10.059	257	4.04	-2.918	307	4.98	-9.556
208	3.19	15.320	258	4.05	-4.779	308	5.00	-7.418
209	3.20	10.579	259	4.07	4.241	309	5.01	-6.404
210	3.21	5.214	260	4.09	7.623	310	5.03	-5.638
211	3.23	-9.141	261	4.10	14.643	311	5.05	-3.493
212	3.25	-11.870	262	4.12	15.903	312	5.07	2.657
213	3.26	-13.492	263	4.14	11.918	313	5.10	5.423
214	3.28	-12.474	264	4.15	8.056	314	5.11	7.309
215	3.30	-7.831	265	4.16	-0.549	315	5.13	10.327
216	3.32	-6.942	266	4.18	-14.652	316	5.15	11.841
217	3.33	-2.806	267	4.20	-10.644	317	5.17	13.482
218	3.35	9.065	268	4.22	-2.374	318	5.18	12.873
219	3.36	14.554	269	4.24	0.512	319	5.20	12.014
220	3.39	10.373	270	4.25	2.775	320	5.22	6.280
221	3.41	2.262	271	4.27	-0.205	321	5.24	4.171
222	3.42	-7.969	272	4.28	-3.695	322	5.25	1.561
223	3.43	-19.464	273	4.31	-5.796	323	5.28	0.711
224	3.45	-7.451	274	4.34	-7.520	324	5.30	-0.269
225	3.46	-5.186	275	4.35	-0.131	325	5.32	-2.749
226	3.49	-3.040	276	4.38	-6.604	326	5.34	-4.237
227	3.51	-6.386	277	4.40	-4.711	327	5.35	-3.096
228	3.54	-2.614	278	4.42	-4.067	328	5.38	2.306
229	3.56	2.532	279	4.45	-4.292	329	5.41	2.074
230	3.59	-2.689	280	4.47	-1.775	330	5.42	0.215
231	3.62	-7.172	281	4.49	9.994	331	5.45	-3.263
232	3.63	-10.912	282	4.50	12.881	332	5.46	-4.747
233	3.64	-14.025	283	4.53	11.657	333	5.51	-5.579
234	3.66	-17.878	284	4.56	11.055	334	5.53	-3.689
235	3.68	-14.493	285	4.57	10.444	335	5.55	-0.174
236	3.69	-10.734	286	4.59	3.582	336	5.56	1.067
237	3.70	9.202	287	4.61	-7.509	337	5.58	1.359
238	3.71	15.545	288	4.64	-9.373	338	5.61	-0.120
239	3.73	17.301	289	4.65	-10.985	339	5.63	-1.602
240	3.74	12.689	290	4.67	-10.714	340	5.65	-2.205
241	3.76	8.452	291	4.69	-8.453	341	5.69	-2.170
242	3.77	-9.526	292	4.70	-5.064	342	5.72	-1.271
243	3.78	-16.517	293	4.71	4.454	343	5.74	2.128
244	3.80	-20.251	294	4.73	5.461	344	5.78	3.032
245	3.82	-17.244	295	4.75	3.979	345	5.80	-0.446
246	3.83	-7.478	296	4.76	1.742	346	5.81	-3.560
247	3.85	-2.961	297	4.79	-0.735	347	5.84	-6.783
248	3.87	-2.317	298	4.80	-2.221	348	5.86	-2.702
249	3.90	-1.415	299	4.83	-4.699	349	5.88	0.125
250	3.92	3.473	300	4.85	-1.924	350	5.90	3.392
301	5.09	5.903	351	5.91	5.903	401	7.00	0.147
302	5.03	5.670	352	5.93	5.670	402	7.03	1.798
303	5.05	2.815	353	5.95	2.815	403	7.04	1.813
304	5.06	0.951	354	5.96	0.951	404	7.06	-0.023
305	5.09	-1.151	355	5.99	-1.151	405	7.08	-1.236
306	6.02	-1.500	356	6.02	-1.500	406	7.12	-1.211
307	6.03	-1.734	357	6.03	-1.734	407	7.15	-1.438
308	6.06	1.684	358	6.06	1.684	408	7.18	-1.438
309	6.10	4.823	359	6.10	4.823	409	7.22	-1.397
310	6.12	1.721	360	6.12	1.721	410	7.25	-1.373
311	6.15	0.248	361	6.15	0.248	411	7.28	-1.373
312	6.19	0.789	362	6.19	0.789	412	7.31	-1.373
313	6.22	0.813	363	6.22	0.813	413	7.34	-1.373
314	6.25	0.586	364	6.25	0.586	414	7.37	-1.373
315	6.27	0.857	365	6.27	0.857	415	7.40	-1.373
316	6.30	0.886	366	6.30	0.886	416	7.43	-1.373
317	6.33	0.911	367	6.33	0.911	417	7.46	-1.373
318	6.35	1.556	368	6.35	1.556	418	7.49	-1.373
319	6.38	-0.162	369	6.38	-0.162	419	7.52	-1.373
320	6.41	-1.393	370	6.41	-1.393	420	7.55	-1.373
321	6.44	-1.108	371	6.44	-1.108	421	7.58	-1.373
322	6.48	-0.449	372	6.48	-0.449	422	7.61	-1.373
323	6.49	0.810	373	6.49	0.810	423	7.64	-1.373
324	6.51	3.572	374	6.51	3.572	424	7.67	-1.373
325	6.52	5.469	375	6.52	5.469	425	7.70	-1.373
326	6.55	2.490	376	6.55	2.490	426	7.73	-1.373
327	6.58	1.262	377	6.58	1.262	427	7.76	-1.373
328	6.61	1.294	378	6.61	1.294	428	7.79	-1.373
329	6.66	2.209	379	6.66	2.209	429	7.82	-1.373
330	6.69	2.682	380	6.69	2.682	430	7.85	-1.373
331	6.71	3.764	381	6.71	3.764	431	7.88	-1.373
332	6.74	2.291	382	6.74	2.291	432	7.91	-1.373
333	6.77	-1.438	383	6.77	-1.438	433	7.94	-1.373
334	6.79	-3.541	384	6.79	-3.541	434	7.97	-1.373
335	6.81	-5.521	385	6.81	-5.521	435	8.00	-1.373
336	6.83	-3.380	386	6.83	-3.380	436	8.03	-1.373
337	6.86	0.016	387	6.86	0.016	437	8.06	-1.373
338	6.88	1.663	388	6.88	1.663	438	8.09	-1.373
339	6.90	0.810	389	6.90	0.810	439	8.12	-1.373
340	6.94	-0.781	390	6.94	-0.781	440	8.15	-1.373
341	6.97	-1.626	391	6.97	-1.626	441	8.18	-1.373
342	7.00	0.147	392	7.00	0.147	442	8.21	-1.373
343	7.03	1.798	393	7.03	1.798	443	8.24	-1.373
344	7.04	1.813	394	7.04	1.813	444	8.27	-1.373
345	7.06	-0.023	395	7.06	-0.023	445	8.30	-1.373
346	7.12	-1.236	396	7.12	-1.236	446	8.33	-1.373
347	7.15	-1.211	397	7.15	-1.211	447	8.36	-1.373
348	7.18	-1.438	398	7.18	-1.438	448	8.39	-1.373
349	7.22	-1.397	399	7.22	-1.397	449	8.42	-1.373
350	7.25	-1.373	400	7.25	-1.373	450	8.45	-1.373

INDEX NO.	312	905-B-204	UCHIAI BRIDGE	LG.	MAX.ACCEL.= 156.098(GAL)	T= 0.67(SEC)	NO. 3
NO.	(SEC)		(GAL)				
401	7.28		-0.843				
402	7.31		-0.196				
403	7.33		0.454				
404	7.36		0.850				
405	7.37		0.865				
406	7.40		-0.610				
407	7.43		2.417				
408	7.44		5.054				
409	7.46		7.567				
410	7.48		5.208				
411	7.50		2.983				
412	7.52		1.751				
413	7.56		2.035				
414	7.59		2.438				
415	7.62		2.467				
416	7.65		2.736				
417	7.67		1.262				
418	7.70		4.036				
419	7.72		4.678				
420	7.75		3.205				
421	7.77		1.977				
422	7.80		-0.493				
423	7.83		-1.344				
424	7.86		-1.321				
425	7.88		-1.671				
426	7.91		-0.151				
427	7.93		2.119				

Table IV D-14. Digitized Accelerations of Earthquake Record with Index Number 313

INDEX NO. 313	905-B-264	OCHIAI BRIDGE	U-D	MAX. ACCEL. -26.793(GAL)	T = 0.33(SEC)	NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	0.619	51 1.02	3.010	101 2.01	-3.222	151 3.13	-2.291
2 0.02	1.624	52 1.04	7.766	102 2.04	3.282	152 3.15	-1.637
3 0.03	9.582	53 1.06	10.018	103 2.07	-5.707	153 3.17	-1.905
4 0.05	-10.115	54 1.07	6.398	104 2.09	-0.451	154 3.19	-2.401
5 0.07	3.763	55 1.10	-6.219	105 2.12	-2.192	155 3.20	-2.022
6 0.09	-12.231	56 1.12	-6.214	106 2.14	5.563	156 3.23	-0.389
7 0.13	-3.846	57 1.14	-10.032	107 2.17	3.443	157 3.25	0.666
8 0.14	1.281	58 1.15	3.046	108 2.19	1.025	158 3.27	1.746
9 0.17	-4.086	59 1.17	11.300	109 2.22	-0.041	159 3.30	0.077
10 0.18	3.792	60 1.20	5.101	110 2.24	2.089	160 3.32	-1.664
11 0.21	-11.950	61 1.21	0.059	111 2.29	-0.647	161 3.34	-2.859
12 0.23	6.553	62 1.23	0.563	112 2.33	1.237	162 3.36	-1.354
13 0.25	-0.189	63 1.25	0.569	113 2.35	1.242	163 3.40	-0.593
14 0.27	12.314	64 1.26	0.572	114 2.37	-0.674	164 3.42	0.286
15 0.29	-12.556	65 1.27	4.700	115 2.40	-0.366	165 3.45	-1.329
16 0.31	17.199	66 1.31	-1.788	116 2.43	-1.232	166 3.47	-0.324
17 0.33	-26.793	67 1.34	0.594	117 2.47	2.775	167 3.49	-0.318
18 0.36	17.211	68 1.35	0.972	118 2.49	-0.591	168 3.52	0.938
19 0.37	4.904	69 1.37	4.105	119 2.51	-0.335	169 3.54	0.692
20 0.38	-1.780	70 1.39	4.732	120 2.53	-0.029	170 3.56	-0.551
21 0.40	6.348	71 1.41	0.362	121 2.56	-1.447	171 3.60	-2.413
22 0.43	-10.643	72 1.42	-2.757	122 2.59	-3.939	172 3.62	0.592
23 0.44	-4.765	73 1.44	-2.502	123 2.61	-2.432	173 3.64	0.970
24 0.46	13.163	74 1.45	-1.499	124 2.62	1.569	174 3.66	0.725
25 0.48	-10.628	75 1.47	-3.094	125 2.64	2.197	175 3.68	2.480
26 0.51	5.125	76 1.48	-6.866	126 2.66	2.203	176 3.70	3.485
27 0.53	-0.742	77 1.50	-3.861	127 2.69	5.089	177 3.71	3.240
28 0.55	5.386	78 1.52	0.518	128 2.71	3.592	178 3.74	1.620
29 0.61	-11.222	79 1.55	1.652	129 2.73	-3.651	179 3.75	0.999
30 0.62	-5.595	80 1.57	0.495	130 2.74	-4.522	180 3.77	-0.493
31 0.64	16.909	81 1.59	-5.838	131 2.76	-4.391	181 3.80	-1.111
32 0.66	6.915	82 1.62	-4.205	132 2.78	-2.763	182 3.83	-0.853
33 0.70	6.549	83 1.64	-2.448	133 2.80	1.616	183 3.85	-0.221
34 0.71	-6.318	84 1.66	-1.193	134 2.81	2.070	184 3.87	-0.466
35 0.74	-7.083	85 1.69	-0.435	135 2.82	4.123	185 3.89	-0.210
36 0.76	-6.808	86 1.70	4.194	136 2.84	5.370	186 3.92	0.045
37 0.78	-5.929	87 1.72	5.073	137 2.86	3.259	187 3.95	0.427
38 0.80	-7.423	88 1.74	2.702	138 2.87	0.388	188 3.97	-0.441
39 0.83	14.082	89 1.75	-0.793	139 2.90	-0.102	189 3.98	-2.063
40 0.84	9.710	90 1.76	-2.414	140 2.92	-0.098	190 4.00	-3.930
41 0.86	7.840	91 1.78	-2.659	141 2.94	1.405	191 4.03	1.075
42 0.88	7.595	92 1.80	-3.905	142 2.96	3.912	192 4.05	3.205
43 0.89	7.599	93 1.81	-0.777	143 2.99	5.419	193 4.07	3.835
44 0.91	4.478	94 1.83	5.477	144 3.00	5.423	194 4.08	3.589
45 0.92	1.357	95 1.85	1.356	145 3.01	3.676	195 4.10	2.718
46 0.93	-3.138	96 1.87	2.363	146 3.03	-1.087	196 4.12	0.850
47 0.95	-7.635	97 1.90	-7.502	147 3.05	-0.813	197 4.14	-0.768
48 0.97	-6.505	98 1.93	0.379	148 3.07	0.442	198 4.16	-0.513
49 0.98	-4.626	99 1.96	-2.987	149 3.09	0.570	199 4.18	0.740
50 1.00	-3.370	100 1.99	5.519	150 3.11	-1.922	200 4.20	1.746

INDEX NO.	313	905-B-264	OCHIAI BRIDGE	U-D	MAX.ACCEL.**	-26.793(GAL)	T = 0.33(SEC)	NO.2
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	4.22	-0.370	251	5.45	0.038	301	7.03	1.518
202	4.24	-0.089	252	5.47	1.467	302	7.05	1.025
203	4.27	-0.483	253	5.49	1.723	303	7.08	-0.215
204	4.29	-0.477	254	5.52	1.480	304	7.11	0.667
205	4.31	-0.471	255	5.54	1.236	305	7.14	0.050
206	4.33	-0.716	256	5.56	0.616	306	7.16	-0.570
207	4.35	-1.585	257	5.58	1.748	307	7.19	-0.813
208	4.37	-3.453	258	5.62	2.133	308	7.21	-1.179
209	4.39	-1.699	259	5.64	1.890	309	7.25	-1.795
210	4.42	0.895	260	5.67	1.522	310	7.26	-1.790
211	4.44	0.811	261	5.72	1.285	311	7.29	-2.033
212	4.46	1.443	262	5.77	0.922	312	7.31	-2.027
213	4.49	1.451	263	5.82	0.688	313	7.35	-1.518
214	4.51	1.205	264	5.87	0.700	314	7.37	0.113
215	4.53	3.087	265	5.89	0.706	315	7.39	0.118
216	4.55	2.469	266	5.92	0.340	316	7.42	-0.124
217	4.58	0.975	267	5.95	0.098	317	7.46	-0.737
218	4.60	0.605	268	5.99	-0.266	318	7.50	-1.101
219	4.63	0.614	269	6.02	-0.256	319	7.53	-0.467
220	4.65	1.243	270	6.05	-0.247	320	7.56	0.163
221	4.68	3.378	271	6.10	-0.860	321	7.59	0.170
222	4.71	1.636	272	6.12	-1.480	322	7.62	-0.069
223	4.73	0.392	273	6.16	-1.719	323	7.66	0.440
224	4.76	-1.223	274	6.18	-2.087	324	7.68	0.446
225	4.78	-1.217	275	6.21	-2.704	325	7.72	-0.041
226	4.81	0.288	276	6.24	-2.447	326	7.76	-0.029
227	4.86	-1.447	277	6.27	-1.814	327	7.79	-0.023
228	4.89	-1.813	278	6.30	-1.430	328	7.81	-0.017
229	4.93	0.070	279	6.33	-1.423	329	7.84	-0.009
230	4.95	1.951	280	6.37	0.462	330	7.86	-0.004
231	4.97	2.583	281	6.38	0.466	331	7.89	0.004
232	4.99	1.963	282	6.42	-1.646	332	7.93	-0.360
233	5.01	1.968	283	6.44	-0.515	333	7.95	0.518
234	5.04	-0.523	284	6.47	0.115	334	7.96	0.897
235	5.06	-1.767	285	6.50	0.122	335	7.99	0.279
236	5.09	-1.133	286	6.55	-0.352			
237	5.12	-1.751	287	6.58	-0.354			
238	5.14	-2.620	288	6.60	-0.097			
239	5.16	-2.614	289	6.64	1.161			
240	5.19	-2.356	290	6.67	1.420			
241	5.20	-2.353	291	6.70	1.180			
242	5.23	-2.346	292	6.73	0.253			
243	5.27	-3.835	293	6.77	-0.300			
244	5.29	-2.955	294	6.81	0.586			
245	5.31	-2.323	295	6.84	1.468			
246	5.33	-2.069	296	6.87	1.226			
247	5.36	-1.686	297	6.90	-0.014			
248	5.39	-1.429	298	6.93	-0.632			
249	5.41	-0.796	299	6.96	0.625			
250	5.43	-0.166	300	7.00	1.510			

Table IV D-15. Digitized Accelerations of Earthquake Record with Index Number 314

INDEX NO.	314	905-B-264	OCHIAI BRIDGE	TR.	MAX.ACCEL.= -37.171(GAL)	T= 0.59(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-2.693	51 0.85	3.116	101 1.63	-3.651	151 2.55	-3.191
2 0.01	3.313	52 0.86	5.376	102 1.65	-6.577	152 2.57	5.576
3 0.02	0.195	53 0.88	-3.605	103 1.67	-10.433	153 2.59	7.586
4 0.03	0.089	54 0.89	4.150	104 1.68	-11.676	154 2.60	6.096
5 0.04	-4.773	55 0.90	8.908	105 1.70	-6.662	155 2.62	3.607
6 0.05	-2.659	56 0.93	6.544	106 1.72	4.351	156 2.63	-2.750
7 0.11	0.504	57 0.94	0.301	107 1.74	7.350	157 2.65	5.491
8 0.14	-2.351	58 0.95	5.615	108 1.75	9.241	158 2.67	-6.727
9 0.15	0.531	59 0.96	6.819	109 1.76	10.500	159 2.70	-8.704
10 0.17	-0.083	60 0.98	4.953	110 1.78	-2.105	160 2.72	-5.072
11 0.18	1.175	61 0.99	2.464	111 1.81	-0.840	161 2.74	-0.803
12 0.19	-0.316	62 1.00	-11.521	112 1.82	-0.828	162 2.76	3.214
13 0.21	-3.430	63 1.02	-15.267	113 1.84	3.563	163 2.78	7.006
14 0.22	-1.673	64 1.04	-9.620	114 1.86	5.694	164 2.80	10.359
15 0.24	-1.997	65 1.05	2.639	115 1.88	0.207	165 2.82	-2.622
16 0.27	-0.389	66 1.07	7.524	116 1.90	1.351	166 2.83	-20.985
17 0.29	-6.373	67 1.09	7.783	117 1.92	2.613	167 2.84	-27.103
18 0.30	-2.867	68 1.11	5.670	118 1.94	5.502	168 2.86	-14.092
19 0.32	-0.358	69 1.12	4.428	119 1.96	6.888	169 2.88	-9.083
20 0.33	2.771	70 1.13	2.938	120 1.97	6.023	170 2.89	17.305
21 0.36	0.046	71 1.15	-4.675	121 2.00	2.290	171 2.90	27.189
22 0.38	-5.318	72 1.17	2.466	122 2.02	-1.182	172 2.93	33.577
23 0.40	4.444	73 1.18	6.352	123 2.05	-16.421	173 2.94	26.087
24 0.41	6.451	74 1.20	3.233	124 2.07	-8.908	174 2.95	11.970
25 0.44	-1.278	75 1.22	-2.502	125 2.08	-3.698	175 2.97	-6.510
26 0.45	-0.769	76 1.23	-5.242	126 2.10	6.617	176 2.99	-10.753
27 0.47	-13.756	77 1.25	-8.356	127 2.11	11.377	177 3.00	-9.492
28 0.49	9.684	78 1.26	-3.719	128 2.13	10.137	178 3.03	-6.102
29 0.50	24.519	79 1.28	-10.077	129 2.14	2.621	179 3.05	-1.087
30 0.52	21.526	80 1.30	-12.821	130 2.16	-6.458	180 3.07	1.923
31 0.54	16.162	81 1.31	-7.314	131 2.19	-8.072	181 3.08	2.558
32 0.55	-21.325	82 1.32	2.820	132 2.20	-6.813	182 3.10	1.072
33 0.56	-25.696	83 1.34	7.342	133 2.21	-4.928	183 3.12	-2.040
34 0.57	-28.564	84 1.36	9.222	134 2.24	-4.033	184 3.13	-3.656
35 0.59	-37.171	85 1.38	6.350	135 2.27	-3.388	185 3.14	-2.398
36 0.61	-23.660	86 1.39	2.744	136 2.29	0.378	186 3.16	-1.134
37 0.63	-10.652	87 1.41	1.079	137 2.32	-1.979	187 3.18	1.384
38 0.64	14.057	88 1.42	-5.103	138 2.33	5.407	188 3.20	4.144
39 0.66	20.118	89 1.44	-8.598	139 2.35	10.921	189 3.22	4.156
40 0.68	24.005	90 1.45	-7.964	140 2.36	11.006	190 3.24	1.417
41 0.69	26.892	91 1.46	-8.954	141 2.38	9.688	191 3.25	-4.817
42 0.70	23.524	92 1.48	-2.942	142 2.39	-3.198	192 3.26	-6.938
43 0.72	14.406	93 1.49	-0.184	143 2.41	-2.290	193 3.28	-8.928
44 0.73	-14.207	94 1.51	4.204	144 2.43	-6.649	194 3.29	-7.168
45 0.75	-8.317	95 1.52	8.714	145 2.44	-4.767	195 3.31	-4.907
46 0.78	-14.802	96 1.54	11.221	146 2.46	0.873	196 3.32	-2.148
47 0.79	-4.795	97 1.55	7.853	147 2.47	1.129	197 3.34	6.744
48 0.80	4.001	98 1.56	0.738	148 2.50	0.272	198 3.36	8.753
49 0.81	5.719	99 1.59	1.255	149 2.51	-4.334	199 3.38	7.265
50 0.83	-3.590	100 1.61	-4.725	150 2.53	-6.827	200 3.40	-2.212
201 3.42	-4.953	251 4.30	-0.713	301 5.24	-0.928	351 6.23	-0.484
202 3.44	-7.567	252 4.32	-0.951	302 5.26	-3.655	352 6.25	-2.969
203 3.45	-5.057	253 4.33	-3.442	303 5.29	-2.143	353 6.26	-3.981
204 3.47	-2.797	254 4.34	-8.176	304 5.30	-0.634	354 6.28	-4.570
205 3.48	-2.163	255 4.37	-11.207	305 5.32	-0.871	355 6.31	-3.927
206 3.49	-1.531	256 4.39	-8.523	306 5.33	-1.735	356 6.32	-3.294
207 3.50	-2.146	257 4.41	-3.509	307 5.35	-2.347	357 6.34	-4.150
208 3.51	-3.638	258 4.42	-3.126	308 5.37	-2.710	358 6.36	-3.887
209 3.53	-5.254	259 4.44	4.302	309 5.38	-2.701	359 6.39	-1.745
210 3.54	-6.496	260 4.45	6.890	310 5.40	-0.563	360 6.40	-0.483
211 3.56	-1.232	261 4.46	7.099	311 5.42	3.202	361 6.42	0.787
212 3.57	4.405	262 4.47	7.284	312 5.44	5.462	362 6.46	-0.696
213 3.59	6.667	263 4.49	4.167	313 5.46	6.350	363 6.48	-2.182
214 3.61	4.803	264 4.51	-2.066	314 5.47	-2.235	364 6.50	-2.168
215 3.63	-4.802	265 4.52	-4.556	315 5.48	3.368	365 6.52	-1.652
216 3.64	-10.544	266 4.53	-5.797	316 5.50	0.253	366 6.53	-1.640
217 3.66	-13.409	267 4.55	-7.032	317 5.51	-2.853	367 6.55	-1.627
218 3.68	-5.894	268 4.57	-4.894	318 5.54	-2.963	368 6.57	-1.685
219 3.70	5.491	269 4.60	0.120	319 5.57	-1.946	369 6.59	-1.848
220 3.71	11.881	270 4.62	2.384	320 5.58	-1.309	370 6.62	-2.457
221 3.74	13.139	271 4.63	3.018	321 5.61	-0.418	371 6.64	-3.939
222 3.76	12.530	272 4.65	3.907	322 5.64	-0.647	372 6.65	-4.556
223 3.78	8.795	273 4.67	4.921	323 5.66	-1.505	373 6.68	-2.789
224 3.80	-1.932	274 4.69	5.185	324 5.68	-2.117	374 6.69	0.720
225 3.83	-6.539	275 4.71	1.200	325 5.70	-1.602	375 6.71	2.608
226 3.86	-8.526	276 4.74	-5.271	326 5.72	0.033	376 6.73	3.247
227 3.88	-7.011	277 4.78	-3.125	327 5.74	1.300	377 6.75	2.634
228 3.90	-3.245	278 4.79	-1.238	328 5.76	-0.184	378 6.76	1.143
229 3.92	-1.356	279 4.82	2.526	329 5.79	-2.417	379 6.77	-0.095
230 3.94	-3.216	280 4.84	4.416	330 5.82	-0.269	380 6.79	2.662
231 3.95	-4.082	281 4.86	-2.930	331 5.85	0.373	381 6.80	4.171
232 3.97	-2.570	282 4.88	0.447	332 5.88	0.144	382 6.81	5.181
233 3.99	4.068	283 4.90	-1.412	333 5.90	-1.087	383 6.83	4.567
234 4.00	6.577	284 4.93	-4.265	334 5.93	-2.321	384 6.85	6.586
235 4.02	8.335	285 4.96	-4.494	335 5.96	-2.298	385 6.88	-1.896
236 4.03	8.595	286 4.98	-4.481	336 5.97	-0.165	386 6.89	-1.386
237 4.04	6.854	287 5.00	-3.594	337 5.99	1.710	387 6.90	-1.002
238 4.06	3.990	288 5.02	-2.078	338 6.00	3.353	388 6.93	1.512
239 4.08	2.127	289 5.03	0.180	339 6.02	4.617	389 6.96	4.908
240 4.10	3.019	290 5.05	1.688	340 6.03	3.378	390 7.00	-0.307
241 4.12	3.407	291 5.06	2.946	341 6.05	1.515	391 7.03	-0.286
242 4.14	3.171	292 5.09	3.085	342 6.08	-1.216	392 7.06	-0.265
243 4.16	2.186	293 5.09	1.220	343 6.09	-4.700	393 7.08	-0.251
244 4.19	2.454	294 5.11	-0.640	344 6.10	-5.321	394 7.10	-1.112
245 4.20	1.592	295 5.12	-2.257	345 6.11	-3.169	395 7.13	-0.221
246 4.22	-0.396	296 5.14	-2.244	346 6.13	4.330	396 7.16	1.299
247 4.24	-2.507	297 5.16	-1.605	347 6.15	6.839	397 7.19	2.321
248 4.25	-3.477	298 5.17	-0.346	348 6.17	7.473	398 7.21	2.087
249 4.27	-2.232	299 5.19	1.162	349 6.19	6.362	399 7.23	2.099
250 4.29	-0.721	300 5.21	1.558	350 6.20	4.123	400 7.25	1.115

INDEX NO.	314	905-B-204	OCHIAI BRIDGE	TR.	MAX. ACCEL. = -37.171(GAL)	T = 0.591(SEC)	NO. 3
NO.	(SEC)	(GAL)					
401	7.27	-0.744					
402	7.30	-3.225					
403	7.32	-5.456					
404	7.34	-3.695					
405	7.36	-0.808					
406	7.38	1.331					
407	7.41	0.479					
408	7.43	-0.753					
409	7.45	-0.990					
410	7.48	-1.595					
411	7.51	-3.198					
412	7.54	-1.926					
413	7.57	-0.656					
414	7.60	0.610					
415	7.62	1.253					
416	7.65	1.018					
417	7.67	-0.216					
418	7.69	-1.440					
419	7.71	0.690					
420	7.73	1.580					
421	7.75	1.594					
422	7.78	0.734					
423	7.79	-0.126					
424	7.83	1.025					
425	7.85	2.037					
426	7.88	2.058					
427	7.92	1.210					
428	7.95	0.228					
429	7.97	-1.005					
430	7.99	0.262					

Table IV D-16. Digitized Accelerations of Earthquake Record with Index Number 315

INDEX NO.	315	905-C-117	OCHIAI BRIDGE	E-W	MAX. ACCEL. = -44.157(GAL)	T = 0.88(SEC)	NO. 1	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	2.065	51	0.81	4.839	101	1.70	-9.505
2	0.02	-6.433	52	0.83	10.340	102	1.72	-11.380
3	0.03	-1.557	53	0.84	-8.908	103	1.75	-6.129
4	0.04	2.691	54	0.85	-25.407	104	1.76	-4.628
5	0.05	4.191	55	0.86	-30.532	105	1.78	-3.003
6	0.07	-4.806	56	0.88	-44.157	106	1.79	-2.371
7	0.08	-6.431	57	0.90	9.967	107	1.80	11.872
8	0.09	-7.055	58	0.91	16.842	108	1.82	14.122
9	0.11	-4.930	59	0.93	27.718	109	1.84	13.247
10	0.12	2.319	60	0.96	20.344	110	1.85	10.748
11	0.13	5.194	61	0.97	22.719	111	1.87	5.373
12	0.15	4.944	62	0.99	13.345	112	1.89	0.624
13	0.17	3.695	63	1.01	6.970	113	1.90	-2.874
14	0.18	2.070	64	1.03	24.221	114	1.91	-4.748
15	0.20	2.071	65	1.05	34.472	115	1.93	-1.623
16	0.22	2.321	66	1.07	25.347	116	1.95	-4.626
17	0.24	2.697	67	1.08	-22.275	117	1.97	6.501
18	0.26	-5.425	68	1.09	-27.900	118	1.99	5.252
19	0.27	-6.925	69	1.11	-19.900	119	2.01	3.753
20	0.29	-7.799	70	1.12	-9.399	120	2.02	-6.745
21	0.31	-3.424	71	1.13	-1.774	121	2.04	-13.244
22	0.32	0.449	72	1.17	-5.523	122	2.05	-10.244
23	0.35	-4.548	73	1.20	5.851	123	2.07	-11.618
24	0.36	1.575	74	1.23	1.227	124	2.08	-7.243
25	0.37	5.201	75	1.26	15.353	125	2.11	-5.117
26	0.39	2.701	76	1.27	9.729	126	2.12	-5.492
27	0.41	-0.046	77	1.28	-6.769	127	2.13	-5.366
28	0.44	11.328	78	1.31	-12.393	128	2.15	2.757
29	0.47	0.829	79	1.32	-9.018	129	2.16	5.258
30	0.48	2.704	80	1.34	-3.017	130	2.18	5.633
31	0.50	3.955	81	1.36	-8.016	131	2.21	5.009
32	0.51	1.832	82	1.38	-13.266	132	2.22	1.510
33	0.53	-10.167	83	1.39	-8.016	133	2.23	-2.489
34	0.55	-7.417	84	1.40	-1.765	134	2.25	-4.113
35	0.57	-0.541	85	1.41	3.608	135	2.26	-5.737
36	0.58	1.502	86	1.45	-3.513	136	2.27	7.762
37	0.60	-2.415	87	1.49	-3.986	137	2.28	16.262
38	0.61	-5.340	88	1.51	-15.612	138	2.29	17.262
39	0.62	-10.789	89	1.53	22.737	139	2.31	16.638
40	0.64	-9.039	90	1.55	18.988	140	2.32	13.868
41	0.66	-6.789	91	1.56	7.238	141	2.34	9.138
42	0.67	10.585	92	1.57	-2.259	142	2.35	4.764
43	0.68	17.960	93	1.58	-9.259	143	2.36	1.889
44	0.70	24.836	94	1.59	-10.509	144	2.37	-7.358
45	0.71	21.086	95	1.61	-9.633	145	2.39	-10.733
46	0.72	6.337	96	1.63	-8.303	146	2.41	-8.608
47	0.74	-7.661	97	1.64	4.616	147	2.42	-1.732
48	0.75	-15.936	98	1.66	9.991	148	2.43	-0.481
49	0.77	-6.295	99	1.68	1.857	149	2.44	0.392
50	0.80	-10.159	100	1.69	-2.881	150	2.46	1.392
151	2.47	2.768						
152	2.48	5.518						
153	2.49	7.144						
154	2.50	7.394						
155	2.52	6.270						
156	2.54	3.395						
157	2.55	1.895						
158	2.57	-1.227						
159	2.58	-6.976						
160	2.60	-11.351						
161	2.62	-15.660						
162	2.64	-15.850						
163	2.65	-14.974						
164	2.66	-10.599						
165	2.67	-8.473						
166	2.69	-6.423						
167	2.71	-2.347						
168	2.72	0.401						
169	2.73	3.026						
170	2.75	11.027						
171	2.77	12.278						
172	2.79	12.278						
173	2.82	10.155						
174	2.83	9.155						
175	2.86	7.281						
176	2.88	7.031						
177	2.90	5.407						
178	2.92	2.658						
179	2.94	0.908						
180	2.96	0.034						
181	2.98	0.285						
182	3.01	1.536						
183	3.04	0.661						
184	3.05	-1.211						
185	3.07	-4.685						
186	3.10	-6.710						
187	3.11	-8.209						
188	3.14	-7.958						
189	3.16	-7.332						
190	3.18	-6.707						
191	3.21	-5.831						
192	3.23	-5.205						
193	3.25	-3.955						
194	3.26	9.044						
195	3.28	11.919						
196	3.29	13.545						
197	3.31	15.046						
198	3.33	16.671						
199	3.35	13.922						
200	3.36	11.672						

INDEX NO.	315	905-C-117	OCHIAI BRIDGE	E-W	MAX. ACCEL. $\times -44.157(\text{GAL})$	T = 0.88(SEC)	NO. 2	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	3.37	9.173	251	4.20	10.450	301	5.10	7.604
202	3.37	6.044	252	4.21	7.950	302	5.12	7.230
203	3.40	2.024	253	4.23	5.825	303	5.14	6.605
204	3.43	-1.199	254	4.24	3.951	304	5.17	5.731
205	3.45	-2.023	255	4.26	3.327	305	5.19	5.107
206	3.47	-7.577	256	4.28	4.827	306	5.22	3.850
207	3.49	-11.321	257	4.30	6.370	307	5.23	2.850
208	3.51	-15.195	258	4.32	6.070	308	5.26	0.984
209	3.52	-15.571	259	4.34	4.029	309	5.27	-1.763
210	3.54	-13.695	260	4.36	2.205	310	5.29	-4.088
211	3.55	-10.570	261	4.37	-0.293	311	5.30	-9.308
212	3.56	-7.019	262	4.38	-3.042	312	5.32	-11.087
213	3.58	-5.194	263	4.40	-6.042	313	5.33	-13.087
214	3.61	-5.443	264	4.41	-9.417	314	5.35	-15.136
215	3.62	-6.317	265	4.43	-11.067	315	5.37	-14.635
216	3.64	-4.617	266	4.46	-12.715	316	5.41	-11.134
217	3.65	-2.315	267	4.48	-13.664	317	5.43	-9.634
218	3.67	-0.191	268	4.49	-12.414	318	5.44	-5.758
219	3.68	2.433	269	4.50	-9.663	319	5.46	-1.382
220	3.70	4.358	270	4.52	-7.163	320	5.48	1.116
221	3.71	5.559	271	4.53	-3.530	321	5.52	9.118
222	3.72	6.559	272	4.56	-2.662	322	5.54	11.743
223	3.73	6.603	273	4.58	-0.786	323	5.56	13.619
224	3.75	6.310	274	4.61	1.463	324	5.58	14.244
225	3.77	5.069	275	4.63	5.764	325	5.60	14.495
226	3.78	7.435	276	4.65	16.465	326	5.63	14.247
227	3.79	13.100	277	4.67	12.590	327	5.64	13.997
228	3.81	15.063	278	4.70	13.216	328	5.67	11.747
229	3.83	16.063	279	4.72	12.342	329	5.69	9.248
230	3.84	15.813	280	4.74	10.217	330	5.70	6.123
231	3.86	13.563	281	4.77	7.718	331	5.72	-0.874
232	3.88	10.814	282	4.79	6.094	332	5.73	-3.999
233	3.89	7.689	283	4.81	3.594	333	5.74	-7.248
234	3.90	-0.303	284	4.82	1.970	334	5.75	-12.248
235	3.91	-3.433	285	4.84	-0.903	335	5.77	-14.247
236	3.92	-4.932	286	4.85	-4.027	336	5.79	-15.122
237	3.94	-6.307	287	4.86	-7.521	337	5.81	-16.371
238	3.96	-7.306	288	4.87	-12.276	338	5.83	-16.496
239	3.99	-7.305	289	4.90	-15.776	339	5.85	-14.245
240	4.01	-5.805	290	4.91	-17.025	340	5.87	-9.869
241	4.03	-4.554	291	4.93	-13.650	341	5.88	-7.369
242	4.04	-7.920	292	4.95	-10.899	342	5.91	-4.493
243	4.06	-10.428	293	4.96	-8.399	343	5.92	-2.868
244	4.08	-12.552	294	4.97	-5.773	344	5.94	-0.742
245	4.10	-9.552	295	5.00	-2.272	345	5.96	0.507
246	4.12	-5.176	296	5.01	-1.647	346	5.98	2.507
247	4.13	3.668	297	5.03	1.101	347	5.99	4.133
248	4.15	6.573	298	5.04	5.352	348	6.01	5.633
249	4.17	9.074	299	5.06	8.723	349	6.04	6.634
250	4.19	10.449	300	5.07	9.353	350	6.06	6.635

INDEX NO.	315	905-C-117	OCHIAI BRIDGE	E-W	MAX. ACCEL. $\times -44.157(\text{GAL})$	T = 0.88(SEC)	NO. 3	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	7.26	-1.449	451	8.51	0.715	501	9.85	-0.114
402	7.30	-1.197	452	8.53	2.591	502	9.88	0.134
403	7.33	-1.046	453	8.55	3.841	503	9.91	1.136
404	7.35	-1.686	454	8.56	4.842	504	9.96	2.637
405	7.37	-1.195	455	8.59	5.093	505	9.98	2.338
406	7.41	1.054	456	8.61	4.843	506	10.02	2.389
407	7.43	2.305	457	8.63	3.344	507	10.05	1.515
408	7.45	2.931	458	8.65	2.095	508	10.08	0.891
409	7.48	4.182	459	8.66	0.470	509	10.12	-1.356
410	7.51	3.559	460	8.68	-0.152	510	10.14	-2.230
411	7.53	2.059	461	8.72	1.097	511	10.17	-2.854
412	7.55	-0.439	462	8.74	1.348	512	10.20	-2.603
413	7.57	-3.563	463	8.76	0.850	513	10.22	-1.977
414	7.59	-3.638	464	8.79	-1.023	514	10.25	-1.101
415	7.63	-3.061	465	8.82	-1.648	515	10.29	-0.475
416	7.67	-1.435	466	8.84	-1.157	516	10.32	-0.475
417	7.69	0.439	467	8.88	1.102	517	10.35	0.525
418	7.72	2.315	468	8.91	2.978	518	10.37	2.025
419	7.73	2.949	469	8.92	3.229	519	10.39	3.651
420	7.75	3.190	470	8.96	2.105	520	10.41	4.277
421	7.77	3.191	471	8.98	0.855	521	10.43	3.402
422	7.80	3.192	472	9.01	-0.392	522	10.47	2.155
423	7.83	2.943	473	9.03	-1.641	523	10.51	1.530
424	7.87	3.194	474	9.06	-1.300	524	10.53	1.156
425	7.88	2.320	475	9.09	0.109	525	10.57	-0.091
426	7.92	0.446	476	9.12	0.405	526	10.60	-0.965
427	7.94	-1.051	477	9.16	0.736	527	10.62	-1.964
428	7.96	-2.300	478	9.19	-0.386	528	10.66	-2.638
429	7.98	-3.550	479	9.22	-1.385	529	10.68	-2.837
430	8.02	-1.793	480	9.26	-2.009	530	10.70	-2.587
431	8.04	-3.799	481	9.29	-2.258	531	10.73	-2.336
432	8.07	-0.172	482	9.32	-1.757	532	10.75	-1.335
433	8.09	0.452	483	9.34	-0.131	533	10.77	-0.460
434	8.11	0.703	484	9.37	1.993	534	10.79	0.539
435	8.14	0.453	485	9.39	3.244	535	10.81	0.790
436	8.17	1.704	486	9.41	3.619	536	10.82	1.415
437	8.19	1.955	487	9.43	3.620	537	10.86	1.416
438	8.21	2.131	488	9.45	3.371	538	10.89	1.417
439	8.24	2.082	489	9.43	2.372	539	10.90	0.918
440	8.26	1.707	490	9.52	0.498	540	10.93	0.544
441	8.29	1.450	491	9.55	-0.374	541	10.95	-0.079
442	8.31	-0.414	492	9.60	-0.748			
443	8.33	-2.038	493	9.62	-0.748			
444	8.35	-3.538	494	9.66	-0.120			
445	8.37	-4.537	495	9.68	-0.120			
446	8.40	-3.226	496	9.71	0.504			
447	8.42	-2.035	497	9.75	0.506			
448	8.45	-0.705	498	9.78	0.756			
449	8.47	-0.534	499	9.80	0.757			
450	8.49	-3.533	500	9.82	3.598			

Table IV D-17. Digitized Accelerations of Earthquake Record with Index Number 316

INDEX NO. 316	905-C-117	OCHIAI BRIDGE	U-D	MAX. ACCEL. ±	13.644 (GAL)	T: 0.45 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-2.005	51 0.92	5.429	101 1.60	3.749	151 2.02	0.833
2 0.01	-1.111	52 0.94	2.680	102 1.82	7.626	152 2.05	-0.788
3 0.04	-2.085	53 0.96	1.657	103 1.83	9.503	153 2.08	-1.035
4 0.06	6.990	54 0.97	0.808	104 1.84	3.003	154 2.01	0.090
5 0.08	-1.382	55 0.99	-4.053	105 1.85	-2.904	155 2.04	0.467
6 0.10	-3.130	56 1.00	-9.438	106 1.87	-5.243	156 2.07	-0.153
7 0.12	4.244	57 1.02	-5.936	107 1.88	-5.492	157 2.09	-0.421
8 0.13	2.745	58 1.03	-3.435	108 1.89	-4.616	158 3.03	-1.648
9 0.14	-6.177	59 1.07	-2.432	109 1.90	-1.865	159 3.06	-1.396
10 0.16	4.123	60 1.12	2.570	110 1.92	0.384	160 3.08	-1.644
11 0.17	7.249	61 1.14	1.322	111 1.94	-0.237	161 3.10	-2.268
12 0.21	-2.247	62 1.16	1.573	112 1.96	-0.860	162 3.12	-2.891
13 0.23	5.627	63 1.18	3.700	113 1.98	-1.109	163 3.15	-2.014
14 0.26	6.903	64 1.20	1.326	114 2.00	-1.107	164 3.16	-1.137
15 0.25	-6.610	65 1.22	-0.920	115 2.02	0.017	165 3.20	0.113
16 0.29	-4.116	66 1.24	-1.189	116 2.04	1.394	166 3.21	0.740
17 0.30	6.008	67 1.26	7.956	117 2.05	-0.226	167 3.24	-1.117
18 0.34	-7.237	68 1.28	13.333	118 2.06	-2.977	168 3.27	0.494
19 0.35	-5.236	69 1.30	10.959	119 2.07	-4.226	169 3.39	1.371
20 0.36	1.513	70 1.31	4.210	120 2.09	-4.224	170 3.32	0.873
21 0.38	2.139	71 1.33	-1.036	121 2.11	-1.848	171 3.33	0.249
22 0.39	-2.483	72 1.34	-2.635	122 2.12	0.651	172 3.36	-0.121
23 0.40	-5.992	73 1.36	-2.784	123 2.13	3.151	173 3.38	0.129
24 0.42	-1.356	74 1.38	-2.157	124 2.14	5.153	174 3.40	0.505
25 0.45	13.044	75 1.40	-2.156	125 2.16	4.905	175 3.42	0.257
26 0.47	-3.102	76 1.41	-3.030	126 2.18	2.155	176 3.46	-1.363
27 0.49	-4.976	77 1.42	-4.904	127 2.19	-0.342	177 3.49	-1.611
28 0.51	4.273	78 1.43	-7.770	128 2.22	0.785	178 3.52	-1.983
29 0.53	4.400	79 1.45	-2.527	129 2.24	1.785	179 3.54	-1.732
30 0.55	2.525	80 1.47	0.973	130 2.27	0.913	180 3.56	-1.105
31 0.56	3.027	81 1.48	5.475	131 2.29	-0.333	181 3.58	-0.104
32 0.58	4.030	82 1.51	5.476	132 2.32	-1.581	182 3.59	2.409
33 0.60	3.435	83 1.52	2.352	133 2.35	-2.204	183 3.60	1.396
34 0.61	2.155	84 1.53	-3.645	134 2.37	-1.702	184 3.63	0.523
35 0.62	-6.509	85 1.54	-5.894	135 2.40	-0.450	185 3.64	-0.723
36 0.66	-2.214	86 1.55	-7.393	136 2.42	-0.448	186 3.65	-1.347
37 0.67	4.036	87 1.57	-3.141	137 2.46	0.803	187 3.67	-2.221
38 0.68	3.412	88 1.58	2.483	138 2.48	1.180	188 3.69	-1.909
39 0.70	-2.835	89 1.60	4.734	139 2.52	0.558	189 3.71	-1.343
40 0.73	-2.208	90 1.62	4.610	140 2.56	-0.938	190 3.72	-0.092
41 0.74	-1.332	91 1.64	1.737	141 2.58	-1.935	191 3.74	1.407
42 0.77	-2.205	92 1.66	1.739	142 2.60	-2.933	192 3.75	2.409
43 0.78	0.919	93 1.68	3.240	143 2.63	-2.681	193 3.76	1.785
44 0.80	1.170	94 1.69	5.491	144 2.66	-1.179	194 3.77	1.162
45 0.81	1.171	95 1.71	6.742	145 2.68	0.671	195 3.79	0.913
46 0.83	-2.825	96 1.72	4.618	146 2.69	1.073	196 3.81	0.915
47 0.86	-4.659	97 1.73	1.744	147 2.72	1.075	197 3.84	0.917
48 0.87	-4.447	98 1.74	-2.753	148 2.74	0.826	198 3.86	-0.329
49 0.89	-1.571	99 1.76	-3.627	149 2.76	1.953	199 3.87	-1.953
50 0.90	3.054	100 1.78	1.074	150 2.79	1.705	200 3.89	-1.953
201 3.90	-2.202	251 4.91	0.252	301 6.05	-2.655	351 7.26	3.317
202 3.92	-1.325	252 4.93	0.254	302 6.08	-2.402	352 7.29	3.320
203 3.94	-0.609	253 4.95	0.631	303 6.10	-2.150	353 7.32	3.072
204 3.97	-0.177	254 4.97	0.632	304 6.12	-1.523	354 7.35	2.699
205 3.99	0.173	255 4.99	0.634	305 6.15	-0.271	355 7.38	1.452
206 4.01	0.555	256 5.02	-0.237	306 6.18	0.729	356 7.41	1.205
207 4.04	0.807	257 5.04	-0.861	307 6.19	0.980	357 7.43	0.851
208 4.06	0.808	258 5.06	-1.484	308 6.21	0.982	358 7.46	-0.415
209 4.08	0.810	259 5.07	-1.483	309 6.24	0.484	359 7.47	-0.413
210 4.10	0.813	260 5.10	0.268	310 6.26	-0.137	360 7.50	0.462
211 4.12	0.314	261 5.12	0.269	311 6.28	-0.135	361 7.51	0.463
212 4.15	-0.057	262 5.13	-0.853	312 6.31	0.365	362 7.54	0.215
213 4.17	-0.305	263 5.15	-1.476	313 6.34	0.367	363 7.57	-0.030
214 4.19	-0.304	264 5.17	-0.600	314 6.36	0.119	364 7.59	-0.028
215 4.22	-0.527	265 5.18	0.274	315 6.38	-0.127	365 7.62	-0.401
216 4.24	-1.550	266 5.21	0.026	316 6.41	-0.750	366 7.64	-0.399
217 4.25	-1.049	267 5.23	-0.845	317 6.44	-0.748	367 7.67	-0.397
218 4.27	0.576	268 5.26	-0.842	318 6.46	-0.746	368 7.70	1.479
219 4.29	0.827	269 5.29	-0.590	319 6.49	-0.494	369 7.72	1.730
220 4.31	0.829	270 5.32	-0.338	320 6.51	-0.492	370 7.75	2.107
221 4.33	0.581	271 5.33	-0.337	321 6.54	-0.239	371 7.78	2.735
222 4.35	0.632	272 5.35	-0.836	322 6.57	0.762	372 7.80	2.736
223 4.37	0.333	273 5.38	-0.833	323 6.59	1.013	373 7.82	2.738
224 4.38	0.834	274 5.41	-0.331	324 6.61	0.514	374 7.85	1.490
225 4.40	0.836	275 5.42	0.003	325 6.64	0.142	375 7.87	0.243
226 4.42	-0.285	276 5.44	-0.203	326 6.67	-0.479	376 7.90	-0.628
227 4.44	-3.408	277 5.47	-0.826	327 6.70	-0.477	377 7.92	-1.876
228 4.47	-3.781	278 5.49	-2.074	328 6.73	0.140	378 7.95	-2.249
229 4.49	-3.530	279 5.51	-2.697	329 6.76	0.401	379 7.98	-1.622
230 4.51	-3.153	280 5.53	-2.696	330 6.78	0.153	380 8.00	-1.620
231 4.52	-2.527	281 5.56	-1.569	331 6.81	0.781	381 8.03	-2.243
232 4.54	-1.901	282 5.58	-0.267	332 6.83	1.032	382 8.06	-3.116
233 4.56	-1.024	283 5.60	0.057	333 6.86	1.034	383 8.08	-2.239
234 4.58	-1.023	284 5.62	0.934	334 6.88	0.786	384 8.11	-0.111
235 4.60	-0.646	285 5.64	1.310	335 6.90	0.163	385 8.13	0.513
236 4.62	-0.394	286 5.66	0.688	336 6.93	-1.082	386 8.16	1.516
237 4.64	-0.010	287 5.68	-0.184	337 6.95	-1.706	387 8.19	2.143
238 4.66	-0.016	288 5.71	-0.807	338 6.97	-1.079	388 8.23	2.146
239 4.67	0.609	289 5.73	-1.430	339 7.00	-0.202	389 8.26	2.151
240 4.70	0.610	290 5.75	-1.178	340 7.02	-0.200	390 8.32	1.529
241 4.71	0.611	291 5.77	-0.302	341 7.04	-0.699	391 8.36	0.657
242 4.73	0.115	292 5.80	0.699	342 7.06	-1.322	392 8.39	-0.588
243 4.75	-0.258	293 5.83	0.451	343 7.09	-1.695	393 8.41	-0.962
244 4.77	-0.007	294 5.86	0.170	344 7.11	-1.943	394 8.44	-1.834
245 4.79	-0.880	295 5.88	0.168	345 7.13	-1.941	395 8.46	-1.058
246 4.81	-2.504	296 5.92	-0.789	346 7.15	-1.939	396 8.49	-1.580
247 4.82	-3.128	297 5.95	-0.787	347 7.18	-1.688	397 8.52	-1.328
248 4.85	-1.251	298 5.98	-1.160	348 7.20	-0.811	398 8.56	-0.325
249 4.87	-0.374	299 6.01	-1.408	349 7.21	0.814	399 8.60	0.301
250 4.89	0.251	300 6.04	-2.406	350 7.23	2.085	400 8.63	1.179

INDEX NO. 316	905-C-117	OCHIAI BRIDGE	U-D	MAX. ACCEL. = 13.644 (GAL)	T = 0.45 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)			
401 0.67	1.557	451 10.22	0.086			
402 0.72	0.685	452 10.26	0.186			
403 0.75	-0.310	453 10.29	0.186			
404 0.79	-1.181	454 10.31	-0.165			
405 0.82	-1.554	455 10.35	-0.162			
406 0.86	-2.176	456 10.38	-0.179			
407 0.90	-0.924	457 10.42	0.072			
408 0.93	-0.045	458 10.44	-0.800			
409 0.97	0.330	459 10.47	-0.172			
410 0.01	0.584	460 10.50	-0.169			
411 0.03	0.586	461 10.54	0.707			
412 0.07	-0.534	462 10.58	1.710			
413 0.11	-1.781	463 10.59	2.336			
414 0.15	-1.528	464 10.63	2.089			
415 0.18	-0.901	465 10.67	1.092			
416 0.20	-0.274	466 10.70	0.470			
417 0.23	0.601	467 10.74	0.473			
418 0.26	1.604	468 10.77	0.725			
419 0.29	1.056	469 10.80	1.103			
420 0.31	1.653	470 10.83	1.105			
421 0.35	1.361	471 10.85	1.107			
422 0.37	1.612	472 10.88	0.434			
423 0.38	1.364	473 10.90	-0.387			
424 0.41	0.116	474 10.92	-0.760			
425 0.44	-0.505					
426 0.46	-0.503					
427 0.49	0.373					
428 0.52	0.999					
429 0.53	1.001					
430 0.56	1.003					
431 0.58	0.755					
432 0.62	0.133					
433 0.65	0.135					
434 0.68	0.389					
435 0.71	1.015					
436 0.74	1.267					
437 0.77	1.395					
438 0.79	1.021					
439 0.84	-0.223					
440 0.87	-0.470					
441 0.90	-0.468					
442 0.93	-0.840					
443 0.96	-0.038					
444 0.99	-0.586					
445 10.03	-0.207					
446 10.06	0.418					
447 10.10	1.296					
448 10.12	1.297					
449 10.16	1.051					
450 10.19	0.963					

Table IV D-18. Digitized Accelerations of Earthquake Record with Index Number 317

INDEX NO. 317	905-C-117	OCHIAI BRIDGE	N-S	MAX. ACCEL. = -56.924 (GAL)	T = 1.03 (SEC)	NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-5.132	51 0.78	24.397	101 1.54	9.054	151 2.34	-0.396
2 0.02	6.245	52 0.80	-21.649	102 1.55	-5.689	152 2.35	-1.393
3 0.03	3.497	53 0.82	-17.281	103 1.57	-10.436	153 2.38	-0.762
4 0.05	-5.372	54 0.83	21.031	104 1.58	-7.684	154 2.39	-3.885
5 0.06	3.300	55 0.85	26.785	105 1.59	-3.557	155 2.41	-8.005
6 0.09	8.133	56 0.86	23.411	106 1.61	-0.429	156 2.44	-7.750
7 0.10	3.510	57 0.87	5.039	107 1.63	1.998	157 2.45	-8.997
8 0.12	5.014	58 0.89	-14.707	108 1.64	5.950	158 2.47	-11.118
9 0.13	-5.731	59 0.91	-6.077	109 1.65	14.830	159 2.49	-13.115
10 0.14	-10.104	60 0.92	-23.572	110 1.66	16.081	160 2.50	-11.612
11 0.16	-3.609	61 0.94	-34.694	111 1.68	12.336	161 2.52	-5.108
12 0.17	0.775	62 0.96	-25.941	112 1.69	9.585	162 2.53	8.644
13 0.19	-0.094	63 0.98	-8.188	113 1.70	5.640	163 2.54	12.146
14 0.21	-0.766	64 0.99	4.188	114 1.72	9.468	164 2.56	13.400
15 0.22	-5.713	65 1.00	-40.680	115 1.73	12.972	165 2.58	13.155
16 0.24	-3.005	66 1.02	-49.928	116 1.74	10.473	166 2.60	12.908
17 0.26	-5.080	67 1.03	-56.924	117 1.75	7.101	167 2.61	9.785
18 0.28	0.546	68 1.05	-55.047	118 1.76	1.603	168 2.62	6.288
19 0.29	3.798	69 1.06	-50.045	119 1.78	-2.392	169 2.64	2.416
20 0.31	-2.446	70 1.08	-30.791	120 1.79	-2.765	170 2.66	2.670
21 0.32	-7.818	71 1.10	15.961	121 1.81	-3.012	171 2.67	0.799
22 0.33	-0.441	72 1.11	41.591	122 1.82	-4.007	172 2.69	-5.443
23 0.37	-2.560	73 1.14	38.844	123 1.84	1.670	173 2.72	-8.315
24 0.39	-8.556	74 1.15	33.221	124 1.86	4.123	174 2.73	-7.888
25 0.41	0.822	75 1.17	-3.523	125 1.87	3.875	175 2.76	-7.056
26 0.42	6.574	76 1.18	19.479	126 1.89	0.129	176 2.78	-5.176
27 0.43	6.551	77 1.19	25.732	127 1.90	-2.367	177 2.80	-3.673
28 0.45	-2.416	78 1.21	28.984	128 1.91	-11.612	178 2.81	-2.045
29 0.48	1.335	79 1.22	24.736	129 1.93	-14.234	179 2.82	0.081
30 0.49	4.089	80 1.24	14.615	130 1.95	-17.355	180 2.83	0.708
31 0.50	2.965	81 1.25	-5.754	131 1.96	-12.078	181 2.85	-1.412
32 0.51	1.717	82 1.27	-16.752	132 1.97	-8.631	182 2.86	-3.535
33 0.53	0.152	83 1.28	-4.249	133 1.99	-7.596	183 2.87	-4.782
34 0.55	1.350	84 1.29	15.629	134 2.01	-11.092	184 2.88	-4.779
35 0.56	4.728	85 1.31	26.132	135 2.02	-8.589	185 2.91	-2.649
36 0.58	5.355	86 1.32	33.384	136 2.04	-3.461	186 2.93	-0.789
37 0.59	-3.013	87 1.33	30.011	137 2.07	4.379	187 2.95	1.905
38 0.60	-9.011	88 1.35	-20.732	138 2.09	7.209	188 2.97	2.987
39 0.62	-19.010	89 1.36	-32.354	139 2.10	13.303	189 2.98	3.990
40 0.63	-3.133	90 1.38	-36.601	140 2.13	11.606	190 3.00	3.494
41 0.64	4.119	91 1.39	-30.724	141 2.15	6.810	191 3.01	3.122
42 0.66	2.995	92 1.41	-9.722	142 2.17	7.699	192 3.03	8.752
43 0.67	-4.495	93 1.42	6.155	143 2.21	8.073	193 3.04	12.881
44 0.68	-0.372	94 1.44	-7.532	144 2.23	7.827	194 3.06	14.132
45 0.69	-10.670	95 1.45	-7.961	145 2.25	6.207	195 3.07	14.510
46 0.72	-5.615	96 1.47	-16.207	146 2.26	4.710	196 3.09	13.265
47 0.73	-3.737	97 1.49	-18.704	147 2.29	0.840	197 3.11	9.518
48 0.75	2.540	98 1.50	-16.827	148 2.30	-1.656	198 3.13	5.773
49 0.76	13.917	99 1.51	-11.575	149 2.31	0.470	199 3.14	2.524
50 0.77	23.375	100 1.52	-5.573	150 2.32	1.722	200 3.15	-5.342

INDEX NO.	317	905-C-117	OCHIAI BRIDGE	N-S	MAX. ACCEL. = -56.924(GAL)	T = 1.03(SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201	3.18	-11.764	251	4.06	-1.025	301	4.96
202	3.19	-17.134	252	4.08	-2.896	302	4.97
203	3.22	-16.132	253	4.09	-4.268	303	4.99
204	3.25	-18.050	254	4.11	-5.765	304	5.00
205	3.26	-16.197	255	4.12	-7.637	305	5.02
206	3.27	-14.570	256	4.14	-8.883	306	5.03
207	3.29	-13.317	257	4.16	-8.877	307	5.05
208	3.31	-12.436	258	4.20	-8.872	308	5.08
209	3.33	-5.456	259	4.21	-8.367	309	5.11
210	3.34	4.655	260	4.23	-6.113	310	5.12
211	3.35	7.821	261	4.25	-2.734	311	5.14
212	3.37	11.699	262	4.26	-0.232	312	5.15
213	3.39	14.203	263	4.27	2.644	313	5.17
214	3.40	14.830	264	4.29	6.148	314	5.19
215	3.41	14.333	265	4.30	7.400	315	5.21
216	3.42	12.086	266	4.32	7.778	316	5.23
217	3.44	12.089	267	4.34	8.408	317	5.25
218	3.45	12.092	268	4.36	7.538	318	5.27
219	3.47	10.221	269	4.38	7.167	319	5.29
220	3.48	8.349	270	4.40	7.172	320	5.32
221	3.50	5.227	271	4.42	6.925	321	5.34
222	3.51	1.355	272	4.43	5.302	322	5.36
223	3.52	-3.015	273	4.45	2.806	323	5.38
224	3.54	-8.136	274	4.46	-0.938	324	5.39
225	3.55	-10.010	275	4.47	-3.436	325	5.40
226	3.56	-10.632	276	4.48	-5.059	326	5.42
227	3.58	-10.628	277	4.50	-6.106	327	5.43
228	3.60	-9.374	278	4.52	-5.426	328	5.47
229	3.62	-8.120	279	4.54	-5.172	329	5.48
230	3.63	-5.617	280	4.57	-8.167	330	5.50
231	3.65	-2.863	281	4.58	-0.788	331	5.52
232	3.67	-1.858	282	4.60	-10.410	332	5.54
233	3.70	-2.478	283	4.63	-10.653	333	5.55
234	3.71	-2.724	284	4.66	-10.648	334	5.57
235	3.73	-2.220	285	4.68	-9.218	335	5.58
236	3.75	1.531	286	4.69	-7.440	336	5.61
237	3.76	2.534	287	4.70	-5.138	337	5.63
238	3.78	1.663	288	4.71	-2.010	338	5.64
239	3.80	1.292	289	4.72	4.366	339	5.65
240	3.81	1.045	290	4.74	6.618	340	5.67
241	3.83	0.424	291	4.75	8.122	341	5.69
242	3.84	0.052	292	4.77	6.126	342	5.71
243	3.87	1.558	293	4.79	7.630	343	5.73
244	3.90	2.190	294	4.82	8.761	344	5.75
245	3.93	2.821	295	4.83	10.014	345	5.76
246	3.95	3.515	296	4.85	9.145	346	5.78
247	3.98	5.205	297	4.88	7.649	347	5.80
248	4.00	3.335	298	4.90	6.030	348	5.82
249	4.02	3.590	299	4.92	4.158	349	5.84
250	4.04	0.845	300	4.95	3.914	350	5.86

INDEX NO.	317	905-C-117	OCHIAI BRIDGE	N-S	MAX. ACCEL. = -56.924(GAL)	T = 1.03(SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401	6.84	-5.884	451	7.99	0.318	501	9.65
402	6.86	-4.925	452	8.01	0.948	502	9.69
403	6.88	-3.669	453	8.03	0.704	503	9.71
404	6.90	-2.415	454	8.06	-0.540	504	9.73
405	6.93	-2.659	455	8.08	-1.535	505	9.77
406	6.95	-3.030	456	8.11	-2.405	506	9.80
407	6.98	-1.774	457	8.12	-2.775	507	9.84
408	7.01	-1.516	458	8.16	-1.268	508	9.86
409	7.03	-1.137	459	8.19	-0.637	509	9.91
410	7.05	-0.507	460	8.23	0.371	510	9.94
411	7.07	0.745	461	8.28	1.006	511	9.99
412	7.09	1.624	462	8.31	1.261	512	10.01
413	7.13	2.257	463	8.35	0.771	513	10.03
414	7.15	2.262	464	8.39	0.403	514	10.05
415	7.18	2.017	465	8.43	0.412	515	10.07
416	7.20	0.773	466	8.46	-0.204	516	10.09
417	7.22	-0.471	467	8.49	-0.824	517	10.13
418	7.24	-1.717	468	8.51	-1.693	518	10.17
419	7.26	-4.481	469	8.54	-0.188	519	10.19
420	7.28	-5.457	470	8.57	-1.693	520	10.22
421	7.31	-5.722	471	8.61	3.201	521	10.25
422	7.33	-6.322	472	8.64	3.583	522	10.27
423	7.37	-4.199	473	8.69	2.342	523	10.32
424	7.39	-2.684	474	8.71	1.473	524	10.35
425	7.41	-1.055	475	8.75	0.481	525	10.38
426	7.43	0.199	476	8.78	-0.386	526	10.41
427	7.46	2.079	477	8.81	-1.380	527	10.45
428	7.49	3.585	478	8.83	-1.375	528	10.48
429	7.50	4.714	479	8.87	-0.117	529	10.51
430	7.53	4.769	480	8.90	-0.110	530	10.53
431	7.55	4.073	481	8.94	-0.728	531	10.55
432	7.57	4.727	482	8.99	-1.592	532	10.57
433	7.59	3.481	483	9.02	-1.961	533	10.60
434	7.61	3.496	484	9.06	-2.201	534	10.64
435	7.64	3.743	485	9.10	-1.943	535	10.66
436	7.66	3.746	486	9.15	-1.309	536	10.69
437	7.68	3.501	487	9.19	-1.049	537	10.72
438	7.70	2.630	488	9.21	-0.419	538	10.76
439	7.72	1.009	489	9.25	1.211	539	10.80
440	7.74	-0.859	490	9.27	1.841	540	10.83
441	7.76	-2.355	491	9.31	1.849	541	10.86
442	7.77	-3.726	492	9.35	1.459	542	10.90
443	7.80	-3.721	493	9.38	2.115	543	10.92
444	7.82	-2.642	494	9.41	2.121	544	10.96
445	7.83	-1.984	495	9.47	1.633	545	10.98
446	7.85	-0.711	496	9.49	1.014		
447	7.87	-0.331	497	9.52	0.304		
448	7.89	-1.200	498	9.56	0.028		
449	7.91	-3.067	499	9.60	0.861		
450	7.95	-6.736	500	9.62	1.291		

Table IV D-19. Digitized Accelerations of Earthquake Record with Index Number 318

INDEX NO. 318		101-GK-11 SHINKATSUSHIKA B TR.		MAX. ACCEL. = 13.035(GAL)		T = 3.19(SEC)		NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	1.753	51 1.41	-1.958	101 2.88	0.327	151 4.00	3.731	1 0.0	1.753
2 0.04	0.680	52 1.43	-3.208	102 2.91	-1.295	152 4.03	3.731	2 0.04	0.680
3 0.08	-0.992	53 1.46	-4.082	103 2.94	-1.169	153 4.05	2.857	3 0.08	-0.992
4 0.10	-1.617	54 1.48	-4.081	104 2.96	-4.419	154 4.06	1.607	4 0.10	-1.617
5 0.13	-1.741	55 1.51	-2.956	105 2.99	-5.043	155 4.08	-0.265	5 0.13	-1.741
6 0.17	-1.115	56 1.55	-1.080	106 3.02	-4.792	156 4.10	-2.765	6 0.17	-1.115
7 0.20	-0.114	57 1.57	0.544	107 3.05	-3.541	157 4.12	-5.014	7 0.20	-0.114
8 0.22	0.134	58 1.62	1.170	108 3.07	-1.916	158 4.15	-6.389	8 0.22	0.134
9 0.25	0.135	59 1.65	0.921	109 3.09	-0.416	159 4.17	-6.368	9 0.25	0.135
10 0.28	-0.112	60 1.67	-0.076	110 3.10	1.458	160 4.20	-3.637	10 0.28	-0.112
11 0.31	-0.736	61 1.71	-1.326	111 3.11	3.708	161 4.22	-2.637	11 0.31	-0.736
12 0.34	-1.361	62 1.75	-1.575	112 3.12	5.033	162 4.24	-1.386	12 0.34	-1.361
13 0.39	-1.610	63 1.77	-1.575	113 3.14	6.084	163 4.26	0.487	13 0.39	-1.610
14 0.43	-0.108	64 1.81	-0.448	114 3.15	10.334	164 4.27	2.113	14 0.43	-0.108
15 0.47	0.766	65 1.84	-0.447	115 3.17	13.210	165 4.29	2.738	15 0.47	0.766
16 0.49	1.391	66 1.87	-0.071	116 3.19	13.635	166 4.31	2.730	16 0.49	1.391
17 0.52	1.392	67 1.90	-0.321	117 3.21	13.211	167 4.34	1.864	17 0.52	1.392
18 0.55	0.893	68 1.94	-0.945	118 3.23	10.461	168 4.35	1.240	18 0.55	0.893
19 0.58	-0.355	69 1.97	-0.694	119 3.25	6.711	169 4.38	-0.008	19 0.58	-0.355
20 0.61	-0.979	70 2.01	-0.068	120 3.26	2.587	170 4.40	-0.632	20 0.61	-0.979
21 0.64	-1.353	71 2.04	0.556	121 3.27	-0.286	171 4.42	0.866	21 0.64	-1.353
22 0.69	0.146	72 2.08	2.057	122 3.29	-4.035	172 4.45	3.992	22 0.69	0.146
23 0.73	2.647	73 2.11	2.433	123 3.31	-7.660	173 4.48	5.618	23 0.73	2.647
24 0.74	3.273	74 2.14	2.184	124 3.32	-9.535	174 4.50	5.868	24 0.74	3.273
25 0.76	3.398	75 2.17	1.559	125 3.35	-11.784	175 4.53	5.869	25 0.76	3.398
26 0.79	2.149	76 2.19	0.935	126 3.36	-11.784	176 4.54	4.995	26 0.79	2.149
27 0.81	0.524	77 2.22	-0.313	127 3.38	-10.150	177 4.57	2.495	27 0.81	0.524
28 0.82	-0.723	78 2.25	-1.563	128 3.41	-5.783	178 4.59	-0.252	28 0.82	-0.723
29 0.84	-1.975	79 2.27	-2.561	129 3.42	-1.702	179 4.61	-4.377	29 0.84	-1.975
30 0.85	-2.847	80 2.29	-2.311	130 3.44	0.466	180 4.63	-6.376	30 0.85	-2.847
31 0.88	-3.472	81 2.31	-1.935	131 3.46	2.092	181 4.65	-7.876	31 0.88	-3.472
32 0.90	-4.471	82 2.34	-0.685	132 3.48	3.342	182 4.68	-7.875	32 0.90	-4.471
33 0.94	-1.970	83 2.36	0.189	133 3.51	3.968	183 4.71	-6.999	33 0.94	-1.970
34 0.97	0.153	84 2.38	1.815	134 3.53	3.719	184 4.74	-5.498	34 0.97	0.153
35 0.99	2.405	85 2.41	2.690	135 3.54	2.844	185 4.77	-5.123	35 0.99	2.405
36 1.02	2.655	86 2.44	2.691	136 3.56	0.959	186 4.80	-5.123	36 1.02	2.655
37 1.04	3.030	87 2.46	1.567	137 3.59	-1.278	187 4.86	-4.670	37 1.04	3.030
38 1.06	3.031	88 2.48	-0.306	138 3.61	-2.152	188 4.89	-3.245	38 1.06	3.031
39 1.09	1.781	89 2.51	-1.930	139 3.63	-2.527	189 4.91	-0.744	39 1.09	1.781
40 1.11	-0.091	90 2.53	-4.055	140 3.67	-1.651	190 4.93	1.879	40 1.11	-0.091
41 1.13	-1.965	91 2.55	-4.420	141 3.71	-0.400	191 4.94	4.005	41 1.13	-1.965
42 1.16	-3.465	92 2.58	-5.678	142 3.74	0.600	192 4.96	5.880	42 1.16	-3.465
43 1.18	-3.464	93 2.62	-4.802	143 3.78	0.850	193 4.98	7.506	43 1.18	-3.464
44 1.21	-3.213	94 2.65	-3.177	144 3.81	1.226	194 5.02	6.382	44 1.21	-3.213
45 1.26	-0.087	95 2.68	-1.051	145 3.83	1.226	195 5.04	7.882	45 1.26	-0.087
46 1.28	2.662	96 2.72	-0.050	146 3.86	-0.021	196 5.07	5.203	46 1.28	2.662
47 1.32	3.912	97 2.76	1.649	147 3.89	0.270	197 5.09	1.509	47 1.32	3.912
48 1.34	3.913	98 2.79	2.075	148 3.92	0.853	198 5.11	1.259	48 1.34	3.913
49 1.36	2.414	99 2.82	2.451	149 3.94	2.104	199 5.14	-1.863	49 1.36	2.414
50 1.38	0.289	100 2.84	1.576	150 3.98	3.105	200 5.16	-3.113	50 1.38	0.289
201 5.19	-3.987	251 6.61	-0.576	301 7.90	5.330	351 9.73	-1.371	201 5.19	-3.987
202 5.24	-3.486	252 6.64	-2.450	302 7.93	4.206	352 9.76	-1.746	202 5.24	-3.486
203 5.28	-1.860	253 6.67	-2.699	303 7.96	0.707	353 9.79	-1.120	203 5.28	-1.860
204 5.31	-0.984	254 6.70	-3.324	304 7.98	-2.666	354 9.81	-0.244	204 5.31	-0.984
205 5.34	-0.600	255 6.75	-1.022	305 8.01	-4.290	355 9.84	0.379	205 5.34	-0.600
206 5.38	-1.232	256 6.78	0.052	306 8.06	-6.539	356 9.88	-0.485	206 5.38	-1.232
207 5.41	-0.981	257 6.81	0.927	307 8.10	-6.913	357 9.91	-2.367	207 5.41	-0.981
208 5.47	2.143	258 6.84	2.178	308 8.14	-4.037	358 9.94	-3.241	208 5.47	2.143
209 5.49	4.019	259 6.87	1.929	309 8.17	-4.411	359 9.96	-3.865	209 5.49	4.019
210 5.50	5.894	260 6.88	0.679	310 8.22	-2.910	360 9.99	-1.740	210 5.50	5.894
211 5.52	6.519	261 6.92	-2.443	311 8.26	-0.659	361 10.03	1.384	211 5.52	6.519
212 5.53	6.520	262 6.94	-3.942	312 8.30	1.215	362 10.05	2.635	212 5.53	6.520
213 5.56	5.396	263 6.97	-4.567	313 8.33	2.216	363 10.07	4.510	213 5.56	5.396
214 5.59	2.521	264 7.00	-4.066	314 8.38	3.217	364 10.10	5.761	214 5.59	2.521
215 5.61	-0.951	265 7.02	-2.440	315 8.41	2.968	365 10.11	6.386	215 5.61	-0.951
216 5.63	-2.726	266 7.05	-0.940	316 8.45	1.719	366 10.14	6.637	216 5.63	-2.726
217 5.65	-4.600	267 7.05	1.933	317 8.48	1.345	367 10.17	5.763	217 5.65	-4.600
218 5.69	-4.974	268 7.07	4.059	318 8.57	3.222	368 10.19	4.513	218 5.69	-4.974
219 5.72	-3.473	269 7.09	5.309	319 8.60	3.848	369 10.22	1.764	219 5.72	-3.473
220 5.75	-0.973	270 7.11	6.560	320 8.64	2.349	370 10.25	-1.108	220 5.75	-0.973
221 5.78	1.276	271 7.13	4.185	321 8.68	0.725	371 10.28	-2.983	221 5.78	1.276
222 5.80	1.932	272 7.16	1.061	322 8.71	-0.772	372 10.31	-3.857	222 5.80	1.932
223 5.84	1.027	273 7.18	-1.811	323 8.74	-2.397	373 10.34	-2.981	223 5.84	1.027
224 5.86	-0.220	274 7.21	-3.686	324 8.77	-3.646	374 10.37	-1.730	224 5.86	-0.220
225 5.88	-1.469	275 7.22	-4.310	325 8.81	-5.520	375 10.40	-0.480	225 5.88	-1.469
226 5.91	-1.844	276 7.25	-4.000	326 8.85	-6.894	376 10.45	-0.228	226 5.91	-1.844
227 5.95	-0.343	277 7.28	-1.559	327 8.88	-7.518	377 10.50	-0.727	227 5.95	-0.343
228 5.97	2.531	278 7.31	-2.565	328 8.93	-6.261	378 10.54	-0.726	228 5.97	2.531
229 5.98	4.031	279 7.32	4.440	329 8.96	-5.591	379 10.58	-1.100	229 5.98	4.031
230 5.01	6.532	280 7.36	5.066	330 9.00	-2.890	380 10.62	-0.850	230 5.01	6.532
231 6.02	7.157	281 7.38	3.817	331 9.03	-1.014	381 10.64	0.150	231 6.02	7.157
232 6.05	5.658	282 7.40	0.692	332 9.05	2.234	382 10.68	2.026	232 6.05	5.658
233 6.07	2.908	283 7.42	-2.430	333 9.07	5.110	383 10.71	1.151	233 6.07	2.908
234 6.10	0.410	284 7.44	-3.930	334 9.10	7.061	384 10.74	-0.721	234 6.10	0.410
235 6.12	-3.088	285 7.45	-5.179	335 9.13	9.111	385 10.76	-1.096	235 6.12	-3.088
236 6.14	-5.585	286 7.47	-6.304	336 9.17	9.487	386 10.79	-1.345	236 6.14	-5.585
237 6.16	-6.962	287 7.51	-4.428	337 9.21	7.988	387 10.83	-0.669	237 6.16	-6.962
238 6.19	-7.212	288 7.53	-3.177	338 9.25	4.865	388 10.86	0.155	238 6.19	-7.212
239 6.22	-5.085	289 7.54	-2.302	339 9.27	3.240	389 10.89	0.781	239 6.22	-5.085
240 6.24	-3.585	290 7.56	-0.677	340 9.31	0.741	390 10.91	1.031	240 6.24	-3.585
241 6.26	-1.710	291 7.59	0.197	341 9.36	0.992	391 10.95	-0.091	241 6.26	-1.710
242 6.29	-0.024	292 7.62	-0.300	342 9.40	-0.130	392 10.98	-2.590	242 6.29	-0.024
243 6.32	-0.165	293 7.65	-0.924	343 9.44	-1.379	393 11.03	-4.215	243 6.32	-0.165
244 6.35	-0.707	294 7.69	-2.173	344 9.47	-2.003	394 11.07	-5.080	244 6.35	-0.707
245 6.39	-1.591	295 7.72	-2.797	345 9.51	-2.377	395 11.08	-5.080	245 6.39	-1.591
246 6.42	-0.706	296 7.75	-1.922	346 9.55	-2.376	396 11.08	-3.588	246 6.42	-0.706
247 6.45	1.168	297 7.79	-0.421	347 9.59	-0.875	397 11.10	-1.462	247 6.45	1.168
248 6.50	2.169	298 7.82	1.953	348 9.62	0.374	398 11.12	0.412	248 6.50	2.169
249 6.53	2.172	299 7.86	3.454	349 9.67	1.375	399 11.14	2.662	249 6.53	2.172
250 6.57	1.266	300 7.97	4.454	350 9.70	0.501	400 11.17	3.913	250 6.57	1.266

INDEX NO.	318	101-GH-11	SHINKATSUSHIKA B TR.	MAX.ACCEL. =	13.935(GAL)	T = 3.19(SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401 11.19	4.538	451 12.52	6.022	501 13.74	1.104	551 15.17	-3.733
402 11.22	3.664	452 12.54	5.193	502 13.70	3.355	552 15.19	-4.732
403 11.24	3.033	453 12.56	3.073	503 13.81	3.980	553 15.24	-2.656
404 11.28	2.655	454 12.57	1.100	504 13.84	3.356	554 15.26	-0.105
405 11.31	2.916	455 12.57	-1.049	505 13.87	0.407	555 15.29	2.143
406 11.34	2.917	456 12.61	-4.173	506 13.89	-1.641	556 15.30	4.269
407 11.37	2.043	457 12.63	-0.423	507 13.91	-3.140	557 15.36	5.520
408 11.40	0.169	458 12.66	-0.172	508 13.95	-3.764	558 15.38	5.921
409 11.43	-1.704	459 12.67	-4.672	509 13.98	-2.938	559 15.41	4.646
410 11.44	-3.202	460 12.72	-1.796	510 14.00	-1.938	560 15.44	3.147
411 11.51	-3.202	461 12.74	0.326	511 14.02	0.486	561 15.45	2.147
412 11.54	-2.951	462 12.77	1.570	512 14.04	2.361	562 15.48	1.273
413 11.57	-2.075	463 12.79	1.570	513 14.06	4.237	563 15.50	-0.350
414 11.62	-0.199	464 12.82	1.080	514 14.09	5.236	564 15.52	-2.224
415 11.66	1.675	465 12.86	-0.167	515 14.13	3.989	565 15.56	-2.473
416 11.69	3.926	466 12.88	-0.291	516 14.16	1.864	566 15.61	-1.347
417 11.72	4.177	467 12.91	0.707	517 14.18	0.240	567 15.65	0.277
418 11.74	3.302	468 12.94	0.958	518 14.21	-0.632	568 15.67	0.276
419 11.77	1.428	469 12.96	1.334	519 14.23	-0.382	569 15.70	-0.594
420 11.79	-0.694	470 12.99	1.584	520 14.26	0.242	570 15.74	-1.843
421 11.81	-2.569	471 13.02	1.585	521 14.30	2.118	571 15.77	-1.843
422 11.84	-4.818	472 13.06	1.096	522 14.33	2.119	572 15.81	-0.717
423 11.87	-4.560	473 13.06	0.461	523 14.36	1.245	573 15.84	0.532
424 11.89	-2.942	474 13.09	-2.036	524 14.39	-0.627	574 15.88	1.158
425 11.92	-0.816	475 13.11	-3.036	525 14.41	-1.502	575 15.91	2.159
426 11.94	0.807	476 13.13	-3.285	526 14.44	-4.376	576 15.96	1.910
427 11.96	2.309	477 13.15	-3.034	527 14.47	-5.091	577 15.99	0.911
428 11.99	2.309	478 13.19	-0.534	528 14.52	-3.499	578 16.02	-0.336
429 12.02	0.184	479 13.20	0.715	529 14.55	-0.374	579 16.05	-0.586
430 12.04	-1.313	480 13.22	2.905	530 14.58	2.375	580 16.08	-0.085
431 12.07	-3.563	481 13.24	4.841	531 14.61	3.626	581 16.12	1.164
432 12.09	-4.183	482 13.27	5.216	532 14.64	3.627	582 16.14	2.415
433 12.11	-2.936	483 13.29	4.592	533 14.67	2.127	583 16.18	3.666
434 12.15	-1.435	484 13.30	3.967	534 14.69	0.620	584 16.21	4.292
435 12.18	0.189	485 13.32	1.843	535 14.72	-0.369	585 16.24	3.792
436 12.20	1.439	486 13.36	-2.905	536 14.75	-0.368	586 16.28	1.293
437 12.23	2.690	487 13.38	-4.779	537 14.78	1.755	587 16.30	0.947
438 12.25	1.815	488 13.40	-4.778	538 14.82	4.006	588 16.33	-1.579
439 12.27	-0.432	489 13.45	-2.277	539 14.85	4.632	589 16.36	-1.827
440 12.30	-2.931	490 13.48	-0.401	540 14.87	4.008	590 16.40	-1.827
441 12.31	-4.181	491 13.51	1.098	541 14.89	2.758	591 16.44	-0.950
442 12.35	-5.055	492 13.52	2.348	542 14.91	0.884	592 16.48	0.540
443 12.38	-4.804	493 13.56	1.849	543 14.93	-0.989	593 16.53	1.550
444 12.41	-3.929	494 13.58	-0.648	544 14.96	-1.863	594 16.55	1.800
445 12.44	-1.674	495 13.60	-2.808	545 14.99	-2.237	595 16.59	0.052
446 12.43	0.820	496 13.62	-4.147	546 15.02	-0.362	596 16.61	-0.946
447 12.44	3.320	497 13.64	-4.522	547 15.05	-0.512	597 16.64	-2.445
448 12.46	4.821	498 13.65	-3.521	548 15.07	0.513	598 16.67	-3.695
449 12.47	5.445	499 13.70	-2.271	549 15.11	-0.984	599 16.70	-4.944
450 12.49	7.072	500 13.71	-1.020	550 15.13	-2.234	600 16.74	-1.943

INDEX NO. 318	101-GH-11	SHINKATSUSHIKA B TR.	MAX. ACCEL. = 13.035(GAL)	T = 3.19(SEC)	NO. 4
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
601 16.76	0.556	651 18.50	-0.898	701 20.23	0.394
602 16.79	2.431	652 18.54	-0.022	702 20.25	1.270
603 16.82	4.057	653 18.59	-0.271	703 20.28	2.520
604 16.84	4.308	654 18.63	-0.520	704 20.31	2.271
605 16.87	4.059	655 18.66	-0.519	705 20.34	1.022
606 16.90	3.184	656 18.71	-0.518	706 20.37	-0.850
607 16.93	2.185	657 18.74	-0.892	707 20.39	-1.475
608 16.95	2.185	658 18.77	-0.766	708 20.43	-1.124
609 16.98	2.434	659 18.82	1.608	709 20.47	-0.848
610 17.00	3.063	660 18.85	2.234	710 20.50	-1.097
611 17.04	2.188	661 18.91	0.360	711 20.56	0.027
612 17.06	0.938	662 18.94	-1.512	712 20.60	2.528
613 17.08	0.064	663 18.97	-3.011	713 20.64	3.155
614 17.11	-1.808	664 19.00	-4.261	714 20.69	2.281
615 17.14	-2.606	665 19.01	-4.635	715 20.72	0.782
616 17.19	-3.431	666 19.06	-3.134	716 20.77	-0.465
617 17.22	-3.181	667 19.09	-1.258	717 20.83	-0.839
618 17.26	-0.930	668 19.13	-0.007	718 20.89	-1.087
619 17.29	0.549	669 19.16	0.367	719 20.94	-1.711
620 17.32	1.195	670 19.19	0.118	720 20.99	-1.710
621 17.35	2.196	671 19.22	-0.255	721 21.04	-1.708
622 17.39	1.572	672 19.25	-0.254	722 21.09	-2.082
623 17.43	0.949	673 19.28	0.995	723 21.13	-2.081
624 17.47	0.324	674 19.31	1.620	724 21.19	-2.079
625 17.53	1.200	675 19.34	1.071	725 21.23	-2.528
626 17.56	1.576	676 19.38	0.748	726 21.28	-1.627
627 17.56	1.826	677 19.39	0.123	727 21.30	-0.577
628 17.61	0.952	678 19.41	-1.500	728 21.35	2.548
629 17.64	-0.920	679 19.44	-2.374	729 21.38	5.048
630 17.65	-2.170	680 19.48	-3.373	730 21.41	6.299
631 17.69	-3.419	681 19.52	-3.997	731 21.44	6.925
632 17.71	-4.293	682 19.55	-3.372	732 21.47	6.676
633 17.75	-4.042	683 19.59	-1.870	733 21.51	4.802
634 17.80	-0.616	684 19.63	-0.619	734 21.54	2.679
635 17.84	0.958	685 19.66	1.005	735 21.58	1.428
636 17.89	2.209	686 19.69	1.255	736 21.60	1.429
637 17.91	2.210	687 19.74	1.007	737 21.64	0.805
638 17.96	1.586	688 19.78	0.363	738 21.68	0.181
639 17.99	1.337	689 19.81	-0.240	739 21.72	-0.191
640 18.03	0.713	690 19.84	-0.239	740 21.75	-0.815
641 18.05	-0.910	691 19.87	0.385	741 21.77	-1.440
642 18.09	-1.784	692 19.90	0.637	742 21.80	-1.439
643 18.13	-2.158	693 19.94	0.637	743 21.87	-1.666
644 18.17	-1.532	694 19.97	0.637	744 21.91	0.063
645 18.21	3.592	695 20.01	0.139	745 21.94	0.668
646 18.24	1.594	696 20.05	-1.168	746 21.98	2.313
647 18.26	1.594	697 20.09	-2.108	747 21.99	2.314
648 18.31	0.720	698 20.13	-2.731	748 22.02	2.005
649 18.35	-3.275	699 20.16	-2.731	749 22.05	1.066
650 18.43	-6.305	700 20.20	-1.235	750 22.07	-0.431

Table IV D-20. Digitized Accelerations of Earthquake Record with Index Number 319

INDEX NO. 319	101-GR-11	SHINKATSUSHIKA B U-D	MAX.ACCEL.*	3.997(GAL)	T= 5.11(SEC)	NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-1.543	51 1.67	-3.070	101 3.35	-1.847	151 4.91	-1.623
2 0.03	0.330	52 1.71	-2.571	102 3.38	-1.598	152 4.95	-1.874
3 0.06	-1.169	53 1.74	-2.196	103 3.41	-1.349	153 4.98	-1.874
4 0.08	-0.919	54 1.78	-1.572	104 3.44	-0.725	154 5.01	-1.375
5 0.10	-0.919	55 1.82	-0.323	105 3.47	0.274	155 5.03	0.248
6 0.12	-0.920	56 1.86	0.925	106 3.50	0.698	156 5.05	1.498
7 0.15	-0.670	57 1.90	0.924	107 3.52	1.148	157 5.07	3.372
8 0.18	-0.296	58 1.94	0.674	108 3.54	1.522	158 5.09	3.622
9 0.23	-0.296	59 1.99	0.048	109 3.56	2.147	159 5.11	3.997
10 0.27	-0.297	60 2.03	-0.326	110 3.59	2.147	160 5.15	3.121
11 0.29	-0.297	61 2.07	-0.577	111 3.63	1.696	161 5.19	1.495
12 0.32	-0.048	62 2.12	-1.578	112 3.66	1.270	162 5.23	0.626
13 0.35	0.574	63 2.14	-1.828	113 3.71	0.019	163 5.27	-1.254
14 0.41	0.274	64 2.19	-0.951	114 3.75	0.019	164 5.33	-1.255
15 0.44	-0.550	65 2.26	0.293	115 3.78	-0.605	165 5.35	-1.255
16 0.48	-0.551	66 2.28	0.293	116 3.82	-1.239	166 5.37	-1.006
17 0.52	-1.176	67 2.31	0.042	117 3.85	-1.856	167 5.40	-0.756
18 0.56	-1.177	68 2.34	-0.331	118 3.88	-2.056	168 5.44	-0.132
19 0.59	-0.927	69 2.37	-0.082	119 3.92	-1.607	169 5.47	0.241
20 0.61	-0.928	70 2.39	0.291	120 3.95	-0.982	170 5.50	0.490
21 0.67	-0.679	71 2.47	-0.583	121 3.97	-0.358	171 5.53	0.490
22 0.71	-0.054	72 2.50	-0.084	122 4.01	0.690	172 5.56	1.489
23 0.74	0.318	73 2.56	0.913	123 4.04	2.139	173 5.57	2.114
24 0.78	0.567	74 2.58	0.913	124 4.06	1.889	174 5.60	1.864
25 0.82	0.942	75 2.62	0.037	125 4.07	1.889	175 5.62	0.238
26 0.85	0.691	76 2.65	-0.336	126 4.11	2.138	176 5.65	-1.010
27 0.89	-0.307	77 2.68	-0.962	127 4.14	2.138	177 5.68	-1.638
28 0.92	-1.183	78 2.71	-1.212	128 4.17	1.512	178 5.72	-1.386
29 0.95	-1.808	79 2.74	-1.213	129 4.21	0.887	179 5.75	-0.782
30 0.99	-2.184	80 2.76	-1.588	130 4.24	0.011	180 5.79	0.661
31 1.03	-1.560	81 2.81	-1.339	131 4.26	-0.512	181 5.81	1.110
32 1.07	-0.685	82 2.83	-1.339	132 4.30	-1.238	182 5.86	1.109
33 1.09	-0.311	83 2.87	-0.965	133 4.32	-1.613	183 5.89	0.659
34 1.11	0.313	84 2.90	-0.965	134 4.35	-1.864	184 5.92	0.609
35 1.14	0.313	85 2.94	-0.341	135 4.38	-1.364	185 5.96	-0.390
36 1.17	0.311	86 2.98	-0.341	136 4.42	-0.740	186 6.00	-1.266
37 1.20	0.060	87 3.01	-0.342	137 4.45	0.257	187 6.07	-1.267
38 1.23	-0.563	88 3.03	-0.342	138 4.48	0.682	188 6.10	-1.018
39 1.26	-0.938	89 3.08	-0.343	139 4.52	1.131	189 6.16	-0.143
40 1.30	-1.814	90 3.11	0.529	140 4.54	1.506	190 6.18	0.229
41 1.33	-2.440	91 3.13	1.154	141 4.58	1.505	191 6.22	0.854
42 1.34	-2.199	92 3.15	1.779	142 4.60	1.255	192 6.25	1.478
43 1.37	-1.315	93 3.17	2.153	143 4.63	0.629	193 6.29	1.227
44 1.39	0.307	94 3.19	2.153	144 4.66	-0.369	194 6.33	1.227
45 1.42	1.957	95 3.21	1.278	145 4.69	-0.994	195 6.37	0.601
46 1.45	2.431	96 3.23	0.652	146 4.72	-1.245	196 6.40	-0.397
47 1.50	3.181	97 3.25	0.027	147 4.80	-0.121	197 6.42	-0.668
48 1.54	1.305	98 3.26	-0.971	148 4.82	-0.372	198 6.45	-1.023
49 1.58	-0.569	99 3.29	-1.846	149 4.85	-0.908	199 6.50	-0.774
50 1.61	-2.194	100 3.32	-1.847	150 4.88	-1.245	200 6.53	-0.140

INDEX NO. 319	101-GR-11	SHINKATSUSHIKA B U-D	MAX.ACCEL.*	3.997(GAL)	T= 5.11(SEC)	NO. 2	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 6.55	0.473	251 8.33	1.069	301 10.32	-1.086	351 12.25	0.130
202 6.57	0.848	252 8.37	1.066	302 10.35	-1.712	352 12.29	-0.743
203 6.60	1.472	253 8.41	0.818	303 10.40	-0.838	353 12.34	-0.744
204 6.63	0.847	254 8.44	0.192	304 10.44	0.160	354 12.40	0.128
205 6.65	-0.028	255 8.47	-0.681	305 10.48	0.785	355 12.44	1.377
206 6.67	-1.027	256 8.50	-1.057	306 10.51	0.785	356 12.51	2.001
207 6.70	-1.652	257 8.55	-1.058	307 10.54	0.783	357 12.55	2.001
208 6.72	-1.653	258 8.58	-0.808	308 10.58	0.783	358 12.61	1.124
209 6.77	-0.153	259 8.62	-0.184	309 10.61	0.782	359 12.65	1.124
210 6.80	1.094	260 8.65	0.439	310 10.63	-1.032	360 12.69	1.123
211 6.63	1.469	261 8.68	0.813	311 10.66	1.031	361 12.72	1.373
212 6.86	1.468	262 8.71	1.063	312 10.71	-0.718	362 12.75	1.372
213 6.91	0.842	263 8.74	0.813	313 10.76	-1.968	363 12.81	0.121
214 6.95	-0.031	264 8.76	0.563	314 10.81	-1.719	364 12.85	-1.377
215 6.98	-0.407	265 8.81	-0.698	315 10.88	-1.470	365 12.89	-2.003
216 7.03	-1.033	266 8.85	-1.063	316 10.89	-1.095	366 12.97	-2.379
217 7.07	-1.033	267 8.89	-1.313	317 10.93	-0.846	367 13.00	-2.130
218 7.16	-1.035	268 8.94	-1.064	318 10.97	-0.472	368 13.04	-1.131
219 7.17	-0.785	269 8.97	-0.814	319 11.00	-0.472	369 13.08	-0.506
220 7.21	-0.786	270 9.03	-0.190	320 11.03	-0.223	370 13.10	-0.257
221 7.25	-0.411	271 9.07	1.057	321 11.07	-0.223	371 13.12	0.366
222 7.28	-0.162	272 9.10	1.682	322 11.11	0.399	372 13.14	0.366
223 7.31	0.461	273 9.13	2.306	323 11.15	1.648	373 13.18	0.115
224 7.33	0.461	274 9.15	2.931	324 11.19	2.273	374 13.23	-0.509
225 7.38	0.210	275 9.17	3.305	325 11.21	2.022	375 13.26	-0.509
226 7.40	-0.039	276 9.20	2.430	326 11.24	1.397	376 13.30	0.363
227 7.43	-0.414	277 9.22	1.430	327 11.28	0.146	377 13.32	0.738
228 7.47	0.458	278 9.26	0.179	328 11.32	-0.727	378 13.33	0.988
229 7.50	1.458	279 9.30	-1.320	329 11.37	-1.103	379 13.36	0.987
230 7.54	2.332	280 9.33	-1.695	330 11.38	-1.103	380 13.40	0.111
231 7.57	2.081	281 9.38	-1.446	331 11.45	-0.854	381 13.44	-0.137
232 7.59	1.831	282 9.46	0.175	332 11.50	-0.480	382 13.49	-0.138
233 7.64	1.205	283 9.53	0.175	333 11.53	-0.731	383 13.54	-0.514
234 7.67	0.580	284 9.61	0.173	334 11.57	-0.731	384 13.61	0.734
235 7.71	2.579	285 9.65	1.047	335 11.62	-0.857	385 13.66	0.982
236 7.75	0.204	286 9.69	1.047	336 11.66	-0.858	386 13.68	0.982
237 7.80	-0.420	287 9.75	0.796	337 11.70	-0.234	387 13.71	0.731
238 7.83	-0.421	288 9.81	0.545	338 11.72	0.389	388 13.76	0.106
239 7.86	-0.171	289 9.85	0.544	339 11.75	0.764	389 13.81	-0.143
240 7.91	0.201	290 9.90	0.168	340 11.79	0.763	390 13.85	-0.519
241 7.95	0.450	291 9.94	-0.080	341 11.83	0.762	391 13.90	-1.145
242 7.99	0.450	292 9.95	-0.456	342 11.87	0.762	392 13.93	-1.145
243 8.03	0.449	293 10.01	-0.706	343 11.91	0.762	393 13.97	-0.521
244 8.06	0.198	294 10.05	-0.707	344 11.95	0.510	394 13.99	-0.271
245 8.10	-0.675	295 10.12	-0.708	345 11.98	-0.113	395 14.05	0.351
246 8.13	-1.051	296 10.14	0.790	346 12.02	0.134	396 14.09	1.350
247 8.18	-1.051	297 10.19	1.414	347 12.06	1.008	397 14.12	1.350
248 8.22	-0.177	298 10.22	1.413	348 12.11	1.383	398 14.17	0.475
249 8.27	3.445	299 10.25	1.163	349 12.16	1.632	399 14.20	0.098
250 8.33	0.223	300 10.29	-3.086	350 12.20	1.381	400 14.24	6.098

INDEX NO.	319	101-GR-11	SHINKATSUSHIKA B U-0	MAX. ACCEL. *	3.997 (GAL)	T = 5.11 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401 14.28	0.972	451 16.30	1.004	501 18.08	-1.851	551 21.50	0.604
402 14.33	0.971	452 16.35	-0.185	502 18.09	-2.727	552 21.57	0.353
403 14.37	0.970	453 16.39	-0.010	503 18.09	-3.103	553 21.62	-0.271
404 14.42	0.470	454 16.42	-1.188	504 19.04	-1.694	554 21.69	-0.272
405 14.46	-0.154	455 16.46	-1.188	505 19.10	0.018	555 21.76	-0.023
406 14.50	-0.780	456 16.51	0.311	506 19.14	0.260	556 21.82	0.224
407 14.54	-0.780	457 16.53	0.685	507 19.18	0.892	557 21.85	0.223
408 14.58	0.717	458 16.59	1.559	508 19.23	1.516	558 21.92	-0.276
409 14.61	1.592	459 16.64	1.559	509 19.28	1.515	559 21.99	-0.277
410 14.65	2.216	460 16.70	1.307	510 19.33	0.640	560 22.04	-0.029
411 14.68	1.965	461 16.75	0.432	511 19.37	-0.234	561 22.12	-0.029
412 14.71	1.340	462 16.78	0.056	512 19.41	-1.860	562 22.18	-0.280
413 14.75	0.089	463 16.81	-1.192	513 19.45	-2.735	563 22.24	-0.281
414 14.77	-0.159	464 16.87	-1.193	514 19.52	-2.487	564 22.30	-0.282
415 14.84	-0.705	465 16.90	-1.194	515 19.57	-1.612	565 22.35	-0.908
416 14.87	0.087	466 16.97	-1.020	516 19.61	-0.613	566 22.39	-0.909
417 14.93	0.336	467 17.02	-1.021	517 19.64	0.259	567 22.41	-0.909
418 14.98	0.336	468 17.10	-1.572	518 19.68	1.259	568 22.47	-0.660
419 15.03	0.711	469 17.17	-0.573	519 19.73	1.508	569 22.53	-0.661
420 15.06	0.709	470 17.23	0.049	520 19.78	0.382	570 22.58	-0.662
421 15.10	0.708	471 17.33	0.047	521 19.83	-0.867	571 22.62	-0.913
422 15.15	0.958	472 17.39	0.296	522 19.88	-1.243	572 22.67	-0.664
423 15.19	0.957	473 17.47	0.045	523 19.93	-1.243	573 22.68	-0.664
424 15.23	0.455	474 17.56	-0.205	524 19.98	-0.619	574 22.74	0.383
425 15.28	-0.192	475 17.60	-0.205	525 20.03	-0.370	575 22.78	0.382
426 15.31	-1.416	476 17.64	-0.206	526 20.08	-0.071	576 22.82	1.207
427 15.37	-0.919	477 17.69	-0.582	527 20.12	-1.496	577 22.86	0.956
428 15.42	0.703	478 17.75	-1.208	528 20.17	-1.497	578 22.91	0.330
429 15.45	1.328	479 17.82	-0.959	529 20.22	-1.498	579 22.95	-0.294
430 15.48	1.577	480 17.90	-0.335	530 20.27	-0.999	580 22.99	-0.919
431 15.55	1.326	481 17.95	-0.336	531 20.33	0.873		
432 15.59	1.326	482 18.00	-0.337	532 20.35	0.873		
433 15.63	1.575	483 18.05	-0.838	533 20.39	0.373		
434 15.68	2.824	484 18.10	-1.463	534 20.47	-0.002		
435 15.70	3.199	485 18.15	-0.764	535 20.53	-0.628		
436 15.72	3.448	486 18.19	-0.965	536 20.62	-0.630		
437 15.76	2.573	487 18.24	-0.966	537 20.67	-0.630		
438 15.79	1.947	488 18.27	-0.591	538 20.73	-0.381		
439 15.83	0.072	489 18.30	0.031	539 20.80	1.491		
440 15.85	-0.177	490 18.34	0.031	540 20.83	1.490		
441 15.90	-0.802	491 18.38	-0.218	541 20.88	0.614		
442 15.94	-0.803	492 18.43	-1.844	542 20.93	-0.885		
443 16.00	-0.804	493 18.50	-2.470	543 21.00	-2.136		
444 16.06	-0.805	494 18.54	-2.721	544 21.05	-2.512		
445 16.10	-0.806	495 18.61	-1.222	545 21.12	-1.638		
446 16.13	-0.306	496 18.66	0.025	546 21.19	-0.639		
447 16.18	0.981	497 18.70	0.907	547 21.27	0.859		
448 16.21	2.190	498 18.74	1.274	548 21.32	0.607		
449 16.24	2.190	499 18.77	1.274	549 21.35	0.356		
450 16.28	1.639	500 18.83	6.398	550 21.46	0.605		

Table IV D-21. Digitized Accelerations of Earthquake Record with Index Number 320

INDEX NO.	320	101-GR-11	SHINKATSUSHIKA B LG.	MAX. ACCEL. *	-16.327 (GAL)	T = 5.70 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.00	0.356	51 1.08	0.377	101 3.21	-1.106	151 4.38	-0.342
2 0.08	-0.016	52 1.92	1.078	102 3.23	-3.605	152 4.41	1.906
3 0.13	-0.016	53 1.95	2.503	103 3.24	-3.460	153 4.44	3.531
4 0.17	-0.265	54 2.00	2.879	104 3.27	-6.105	154 4.47	3.282
5 0.20	-0.265	55 2.03	2.254	105 3.30	-5.230	155 4.51	1.032
6 0.22	-0.515	56 2.05	1.379	106 3.33	-3.979	156 4.56	1.033
7 0.26	0.359	57 2.09	-0.243	107 3.36	-2.729	157 4.59	1.033
8 0.28	0.984	58 2.12	-0.868	108 3.39	-2.479	158 4.65	1.659
9 0.31	2.234	59 2.15	-1.492	109 3.43	-2.103	159 4.67	1.909
10 0.36	2.485	60 2.19	-1.742	110 3.47	-0.228	160 4.70	3.534
11 0.40	1.360	61 2.22	-1.242	111 3.50	2.271	161 4.74	2.285
12 0.44	-0.262	62 2.25	-0.616	112 3.53	4.771	162 4.76	0.160
13 0.49	-0.016	63 2.28	0.007	113 3.55	6.646	163 4.79	-2.008
14 0.52	-1.761	64 2.31	0.007	114 3.57	7.896	164 4.81	-3.587
15 0.57	-1.761	65 2.35	-0.865	115 3.60	9.272	165 4.84	-4.837
16 0.60	-0.260	66 2.39	-1.490	116 3.65	7.398	166 4.86	-5.837
17 0.65	0.363	67 2.42	-1.740	117 3.66	6.148	167 4.87	-6.087
18 0.68	0.989	68 2.47	-0.614	118 3.69	2.773	168 4.90	-6.086
19 0.73	1.239	69 2.49	0.384	119 3.70	-0.225	169 4.91	-5.211
20 0.76	1.615	70 2.51	1.884	120 3.73	-5.600	170 4.94	-5.336
21 0.80	1.865	71 2.53	3.510	121 3.74	-5.475	171 4.96	-0.211
22 0.83	1.865	72 2.55	5.385	122 3.77	-9.099	172 4.98	1.913
23 0.87	0.991	73 2.58	7.510	123 3.78	-11.599	173 5.02	6.913
24 0.91	-0.257	74 2.60	8.260	124 3.79	-12.474	174 5.03	9.538
25 0.96	-1.506	75 2.63	8.636	125 3.81	-13.099	175 5.05	11.163
26 0.99	-2.381	76 2.65	7.136	126 3.83	-12.849	176 5.06	12.413
27 1.04	-2.130	77 2.68	4.261	127 3.84	-10.724	177 5.08	12.414
28 1.09	-0.255	78 2.71	1.762	128 3.87	-8.223	178 5.11	10.539
29 1.12	0.994	79 2.72	-0.661	129 3.89	-5.348	179 5.12	9.039
30 1.15	1.569	80 2.75	-4.236	130 3.91	-3.223	180 5.15	4.914
31 1.18	2.869	81 2.77	-6.736	131 3.93	0.400	181 5.18	1.165
32 1.22	2.870	82 2.78	-8.486	132 3.95	2.526	182 5.20	-2.708
33 1.25	1.995	83 2.80	-9.735	133 3.96	4.776	183 5.23	-6.708
34 1.27	1.370	84 2.83	-10.360	134 3.97	7.276	184 5.24	-9.083
35 1.31	-0.502	85 2.84	-10.360	135 3.99	10.151	185 5.27	-11.582
36 1.34	-1.127	86 2.87	-9.484	136 4.01	12.401	186 5.29	-13.707
37 1.37	-1.752	87 2.90	-6.809	137 4.03	12.402	187 5.31	-14.082
38 1.40	-1.751	88 2.92	-3.859	138 4.08	10.527	188 5.33	-12.832
39 1.43	-0.626	89 2.94	-0.359	139 4.11	7.403	189 5.35	-9.082
40 1.46	0.373	90 2.96	2.265	140 4.15	3.028	190 5.36	-6.331
41 1.50	1.623	91 2.98	4.765	141 4.17	-2.345	191 5.37	-3.456
42 1.53	1.998	92 3.01	6.890	142 4.20	-5.469	192 5.38	-1.331
43 1.56	0.997	93 3.03	8.640	143 4.21	-7.844	193 5.43	5.043
44 1.63	0.124	94 3.04	10.140	144 4.23	-9.719	194 5.44	8.668
45 1.67	0.125	95 3.05	11.141	145 4.25	-10.969	195 5.46	12.418
46 1.71	-0.245	96 3.08	10.516	146 4.27	-10.719	196 5.49	14.543
47 1.74	-0.671	97 3.12	7.141	147 4.29	-8.843	197 5.52	15.169
48 1.79	-1.122	98 3.14	5.517	148 4.32	-6.668	198 5.54	12.704
49 1.82	-0.671	99 3.16	3.642	149 4.34	-4.468	199 5.57	9.294
50 1.85	-0.246	100 3.19	0.392	150 4.37	-2.218	200 5.59	6.794

INDEX NO. 320	101-GR-11	SHINKATSUSHIKA 0 LG.	MAX.ACCEL. = -16.327(GAL)	T = 5.70(SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201	5.62	251	6.72	301	7.06
202	5.64	252	6.74	302	7.08
203	5.56	253	6.77	303	7.91
204	5.67	254	6.70	304	7.94
205	5.69	255	6.79	305	7.96
206	5.70	256	6.81	306	7.98
207	5.72	257	6.84	307	8.00
208	5.73	258	6.85	308	8.04
209	5.75	259	6.83	309	8.07
210	5.77	260	6.91	310	8.11
211	5.79	261	6.92	311	8.15
212	5.82	262	6.94	312	8.17
213	5.83	263	6.95	313	8.22
214	5.85	264	6.95	314	8.25
215	5.85	265	6.97	315	8.29
216	5.87	266	6.99	316	8.32
217	5.89	267	7.01	317	8.36
218	5.91	268	7.02	318	8.40
219	5.94	269	7.04	319	8.45
220	5.98	270	7.06	320	8.48
221	6.01	271	7.09	321	8.50
222	6.03	272	7.11	322	8.53
223	6.04	273	7.15	323	8.55
224	6.06	274	7.19	324	8.57
225	6.08	275	7.22	325	8.59
226	6.12	276	7.25	326	8.62
227	6.15	277	7.27	327	8.65
228	6.17	278	7.29	328	8.69
229	6.19	279	7.32	329	8.71
230	6.21	280	7.35	330	8.74
231	6.23	281	7.38	331	8.75
232	6.25	282	7.41	332	8.78
233	6.26	283	7.44	333	8.81
234	6.29	284	7.46	334	8.84
235	6.33	285	7.48	335	8.87
236	6.37	286	7.51	336	8.91
237	6.40	287	7.54	337	8.93
238	6.42	288	7.55	338	8.95
239	6.45	289	7.57	339	9.00
240	6.47	290	7.58	340	9.04
241	6.50	291	7.60	341	9.08
242	6.54	292	7.63	342	9.12
243	6.56	293	7.66	343	9.15
244	6.57	294	7.68	344	9.19
245	6.59	295	7.71	345	9.22
246	6.60	296	7.74	346	9.25
247	6.61	297	7.76	347	9.27
248	6.62	298	7.78	348	9.29
249	6.65	299	7.80	349	9.33
250	6.65	300	7.93	350	9.35
251	6.72	351	9.38	351	9.43
252	6.74	352	9.40	352	9.47
253	6.77	353	9.43	353	9.51
254	6.70	354	9.46	354	9.55
255	6.79	355	9.49	355	9.59
256	6.81	356	9.51	356	9.63
257	6.84	357	9.54	357	9.67
258	6.85	358	9.57	358	9.71
259	6.83	359	9.60	359	9.75
260	6.91	360	9.63	360	9.79
261	6.92	361	9.67	361	9.83
262	6.94	362	9.69	362	9.87
263	6.95	363	9.72	363	9.91
264	6.95	364	9.76	364	9.95
265	6.97	365	9.79	365	9.99
266	6.99	366	9.82	366	10.03
267	7.01	367	9.83	367	10.07
268	7.02	368	9.84	368	10.11
269	7.04	369	9.87	369	10.15
270	7.06	370	9.90	370	10.19
271	7.09	371	9.92	371	10.23
272	7.11	372	9.94	372	10.27
273	7.15	373	9.96	373	10.31
274	7.19	374	9.98	374	10.35
275	7.22	375	10.01	375	10.39
276	7.25	376	10.02	376	10.43
277	7.27	377	10.04	377	10.47
278	7.29	378	10.05	378	10.51
279	7.32	379	10.07	379	10.55
280	7.35	380	10.08	380	10.59
281	7.38	381	10.12	381	10.63
282	7.41	382	10.13	382	10.67
283	7.44	383	10.16	383	10.71
284	7.46	384	10.19	384	10.75
285	7.48	385	10.22	385	10.79
286	7.51	386	10.25	386	10.83
287	7.54	387	10.27	387	10.87
288	7.55	388	10.29	388	10.91
289	7.57	389	10.33	389	10.95
290	7.58	390	10.34	390	10.99
291	7.60	391	10.37	391	11.03
292	7.63	392	10.42	392	11.07
293	7.66	393	10.45	393	11.11
294	7.68	394	10.47	394	11.15
295	7.71	395	10.50	395	11.19
296	7.74	396	10.52	396	11.23
297	7.76	397	10.55	397	11.27
298	7.78	398	10.59	398	11.31
299	7.80	399	10.61	399	11.35
300	7.93	400	10.64	400	11.39

INDEX NO. 320	101-GR-11	SHINKATSUSHIKA B LG.	MAX.ACCEL. = -16.327(GAL)	T = 5.70(SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401	10.68	451	12.25	501	13.82
402	10.71	452	12.30	502	13.86
403	10.74	453	12.32	503	13.90
404	10.78	454	12.34	504	13.91
405	10.82	455	12.36	505	13.94
406	10.84	456	12.38	506	13.97
407	10.87	457	12.40	507	14.00
408	10.92	458	12.42	508	14.03
409	10.97	459	12.44	509	14.06
410	11.01	460	12.46	510	14.07
411	11.04	461	12.49	511	14.11
412	11.09	462	12.52	512	14.13
413	11.13	463	12.55	513	14.17
414	11.18	464	12.58	514	14.20
415	11.21	465	12.60	515	14.25
416	11.26	466	12.63	516	14.28
417	11.31	467	12.66	517	14.31
418	11.35	468	12.70	518	14.33
419	11.38	469	12.74	519	14.36
420	11.41	470	12.77	520	14.39
421	11.44	471	12.81	521	14.43
422	11.47	472	12.85	522	14.47
423	11.50	473	12.87	523	14.49
424	11.53	474	12.91	524	14.52
425	11.56	475	12.95	525	14.56
426	11.60	476	12.99	526	14.59
427	11.62	477	13.02	527	14.62
428	11.65	478	13.06	528	14.64
429	11.68	479	13.13	529	14.67
430	11.71	480	13.16	530	14.70
431	11.74	481	13.19	531	14.76
432	11.78	482	13.22	532	14.79
433	11.82	483	13.25	533	14.83
434	11.86	484	13.33	534	14.86
435	11.84	485	13.34	535	14.89
436	11.86	486	13.38	536	14.93
437	11.89	487	13.41	537	14.98
438	11.89	488	13.44	538	15.00
439	11.91	489	13.47	539	15.04
440	11.93	490	13.49	540	15.06
441	11.96	491	13.52	541	15.08
442	11.97	492	13.55	542	15.11
443	12.02	493	13.59	543	15.13
444	12.05	494	13.62	544	15.20
445	12.07	495	13.65	545	15.23
446	12.11	496	13.68	546	15.27
447	12.12	497	13.70	547	15.32
448	12.15	498	13.73	548	15.35
449	12.19	499	13.76	549	15.37
450	12.22	500	13.79	550	15.40
451	12.25	501	13.82	551	15.43
452	12.28	502	13.86	552	15.47
453	12.30	503	13.90	553	15.50
454	12.34	504	13.91	554	15.52
455	12.36	505	13.94	555	15.55
456	12.38	506	13.97	556	15.57
457	12.40	507	14.00	557	15.62
458	12.42	508	14.03	558	15.65
459	12.44	509	14.06	559	15.69
460	12.46	510	14.07	560	15.73
461	12.49	511	14.11	561	15.78
462	12.52	512	14.13	562	15.83
463	12.55	513	14.17	563	15.87
464	12.58	514	14.20	564	15.91
465	12.60	515	14.25	565	15.95
466	12.63	516	14.28	566	16.01
467	12.66	517	14.31	567	16.08
468	12.70	518	14.33	568	16.11
469	12.74	519	14.36	569	16.14
470	12.77	520	14.39	570	16.17
471	12.81	521	14.43	571	16.21
472	12.85	522	14.47	572	16.23
473	12.87	523	14.49	573	16.26
474	12.91	524	14.52	574	16.29
475	12.95	525	14.56	575	16.33
476	12.99	526	14.59	576	16.35
477	13.02	527	14.62	577	16.39
478	13.06	528	14.64	578	16.44
479	13.13	529	14.67	579	16.48
480	13.16	530	14.70	580	16.52
481	13.19	531	14.76	581	16.55
482	13.22	532	14.79	582	16.59
483	13.25	533	14.83	583	16.64
484	13.33	534	14.86	584	16.66
485	13.34	535	14.89	585	16.70
486	13.38	536	14.93	586	16.74
487	13.41	537	14.98	587	16.78
488	13.44	538	15.00	588	16.80
489	13.47	539	15.04	589	16.84
490	13.49	540	15.06	590	16.90
491	13.52	541	15.08	591	16.93
492	13.55	542	15.11	592	16.98
493	13.59	543	15.13	593	17.00
494	13.62	544	15.20	594	17.05
495	13.65	545	15.23	595	17.12
496	13.68	546	15.27	596	17.14
497	13.70	547	15.32	597	17.18
498	13.73	548	15.35	598	17.20
499	13.76	549	15.37	599	17.24
500	13.79	550	15.40	600	17.26

INDEX NO. 320 101-GR-11 SHINATSUBUKA d LG. MAX. ACCEL. = -16.327(GAL) T = 5.70(SEC)

NO. 4

NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
601 17.23	-1.371	651 19.48	-0.671	701 21.33	-2.150
602 17.33	0.177	652 19.51	-1.566	702 21.35	-1.150
603 17.36	1.176	653 19.55	-0.920	703 21.38	-3.125
604 17.40	1.174	654 19.59	-1.275	704 21.40	-2.274
605 17.44	0.929	655 19.62	-1.045	705 21.43	-0.399
606 17.49	-0.674	656 19.65	0.234	706 21.47	1.224
607 17.52	-0.673	657 19.69	0.579	707 21.52	3.350
608 17.55	-0.943	658 19.72	-0.293	708 21.55	3.125
609 17.63	-1.742	659 19.76	-0.943	709 21.59	2.226
610 17.67	-1.767	660 19.79	-0.293	710 21.63	0.351
611 17.72	0.182	661 19.83	-0.667	711 21.64	-1.647
612 17.61	0.604	662 19.87	-1.272	712 21.69	-2.521
613 17.85	1.183	663 19.90	-1.041	713 21.72	-2.771
614 17.91	1.454	664 19.97	-0.416	714 21.76	-2.775
615 17.99	-0.313	665 20.00	1.459	715 21.79	-1.645
616 18.03	-0.938	666 20.06	3.333	716 21.83	-0.020
617 18.08	-1.938	667 20.09	3.334	717 21.86	1.479
618 18.12	-1.739	668 20.11	3.084	718 21.91	3.356
619 18.16	-1.051	669 20.14	3.084	719 21.94	3.130
620 18.20	0.563	670 20.21	0.586	720 21.99	3.105
621 18.23	2.063	671 20.23	-0.288	721 22.01	1.056
622 18.26	3.563	672 20.25	-1.537	722 22.05	-0.642
623 18.31	3.563	673 20.28	-2.707	723 22.09	-2.141
624 18.35	2.814	674 20.34	-4.036	724 22.13	-3.141
625 18.39	0.564	675 20.39	-2.536	725 22.17	-2.891
626 18.42	-0.603	676 20.42	-1.911	726 22.21	-1.015
627 18.47	-1.933	677 20.48	-0.660	727 22.25	0.233
628 18.50	-2.557	678 20.51	-0.650	728 22.27	0.234
629 18.56	-1.307	679 20.54	-1.284	729 22.30	0.609
630 18.59	-0.431	680 20.60	-2.784	730 22.31	1.234
631 18.63	1.192	681 20.64	-3.158	731 22.33	1.059
632 18.67	1.818	682 20.67	-2.203	732 22.36	1.850
633 18.72	2.443	683 20.71	-0.032	733 22.40	1.860
634 18.75	2.193	684 20.73	2.091	734 22.44	1.236
635 18.80	1.817	685 20.76	3.966	735 22.48	0.965
636 18.84	1.820	686 20.79	4.967	736 22.52	0.987
637 18.88	1.570	687 20.81	4.717	737 22.56	0.612
638 18.92	1.195	688 20.87	2.468	738 22.60	0.613
639 18.95	0.947	689 20.90	0.968	739 22.62	0.863
640 18.98	0.321	690 20.93	-0.280	740 22.65	1.238
641 19.03	-0.676	691 20.97	-2.155	741 22.68	1.239
642 19.09	0.197	692 20.98	-2.530	742 22.71	1.489
643 19.12	0.623	693 21.02	-3.405	743 22.75	1.239
644 19.17	0.823	694 21.05	-2.903	744 22.77	1.240
645 19.21	0.574	695 21.07	-2.278	745 22.82	0.990
646 19.24	0.324	696 21.10	-1.278	746 22.85	1.241
647 19.30	-0.208	697 21.14	0.046	747 22.89	2.491
648 19.33	-0.674	698 21.16	1.846		
649 19.36	-0.674	699 21.22	0.597		
650 19.41	-0.672	700 21.29	-0.276		

Table IV D-22. Digitized Accelerations of Earthquake Record with Index Number 321

INDEX NO. 321 104-GR-12 SHINTONEGAWA B. TA. MAX. ACCEL. = -40.249(GAL) T = 0.80(SEC)

NO. 1

NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	1.000	51 3.80	-0.249	101 8.00	2.250
2 0.10	-2.749	52 3.90	-11.499	102 8.10	-6.499
3 0.20	-5.199	53 4.00	-8.999	103 8.20	7.250
4 0.30	-2.749	54 4.03	-11.499	104 8.30	-8.999
5 0.40	1.000	55 4.10	1.000	105 8.40	1.000
6 0.50	4.750	56 4.20	7.250	106 8.47	9.750
7 0.60	13.500	57 4.30	-2.749	107 8.50	7.250
8 0.64	16.500	58 4.40	-5.249	108 8.60	-3.999
9 0.70	-1.499	59 4.45	7.250	109 8.70	-3.999
10 0.80	-40.249	60 4.50	4.750	110 8.80	-2.749
11 0.90	-35.249	61 4.60	1.000	111 8.90	-5.249
12 1.00	22.250	62 4.70	-5.249	112 9.00	-2.499
13 1.05	39.750	63 4.80	-3.999	113 9.10	-1.499
14 1.10	9.750	64 4.90	1.000	114 9.20	4.750
15 1.16	-11.499	65 5.00	9.750	115 9.30	4.750
16 1.20	-5.249	66 5.10	1.000	116 9.40	-0.249
17 1.22	7.250	67 5.20	1.000	117 9.50	1.000
18 1.30	1.000	68 5.24	6.000	118 9.60	-2.749
19 1.35	-6.499	69 5.30	-3.999	119 9.64	-5.249
20 1.40	-2.749	70 5.40	-5.249	120 9.70	-2.749
21 1.50	-11.499	71 5.46	-2.749	121 9.75	6.000
22 1.60	-0.249	72 5.50	-5.249	122 9.80	-2.749
23 1.65	-3.999	73 5.60	-5.249	123 9.90	-5.249
24 1.70	2.250	74 5.70	7.250	124 10.00	4.750
25 1.80	-10.249	75 5.80	7.250	125 10.02	7.250
26 1.90	23.750	76 5.90	-0.749	126 10.10	1.000
27 2.00	-5.249	77 5.95	-11.499	127 10.20	4.750
28 2.10	-23.999	78 6.00	-15.249	128 10.30	4.750
29 2.20	-0.249	79 6.07	13.500	129 10.40	-3.999
30 2.25	-5.249	80 6.10	7.250	130 10.45	-6.499
31 2.30	-2.749	81 6.15	-3.999	131 10.50	-3.999
32 2.36	16.000	82 6.20	-1.499	132 10.60	-3.999
33 2.40	7.250	83 6.30	1.000	133 10.70	6.000
34 2.50	-5.249	84 6.40	7.250	134 10.80	6.000
35 2.60	-3.999	85 6.50	-2.749	135 10.90	3.500
36 2.70	-5.249	86 6.60	-0.249	136 11.00	4.750
37 2.80	4.750	87 6.70	1.000		
38 2.85	17.250	88 6.76	4.750		
39 2.90	4.750	89 6.80	3.500		
40 3.00	-8.999	90 6.90	-3.999		
41 3.10	-2.749	91 7.00	-2.749		
42 3.15	7.250	92 7.10	-1.499		
43 3.25	-5.249	93 7.20	9.750		
44 3.30	-11.499	94 7.30	-2.749		
45 3.40	7.250	95 7.40	-5.249		
46 3.47	18.500	96 7.50	-1.499		
47 3.50	7.250	97 7.60	-5.249		
48 3.56	-11.499	98 7.70	-3.999		
49 3.70	7.250	99 7.80	7.250		
50 3.74	17.250	100 7.90	5.000		

Table IV D-23. Digitized Accelerations of Earthquake Record with Index Number 322

INDEX NO. 322	104-GR-12	SHINTONEGANA R.	U-D	MAX.ACCEL.=-10.247(GAL)	T=1.14(SEC)	NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-1.025	51 0.99	2.265	101 1.84	0.319	151 2.85	-5.243
2 0.03	-0.152	52 1.00	3.899	102 1.85	0.068	152 2.86	-3.514
3 0.05	-0.154	53 1.02	4.137	103 1.87	-2.057	153 2.87	-1.265
4 0.07	0.467	54 1.03	3.011	104 1.88	-3.308	154 2.89	-0.391
5 0.09	1.465	55 1.04	1.305	105 1.90	-3.934	155 2.90	0.686
6 0.11	1.214	56 1.05	-0.489	106 1.93	-3.936	156 2.92	1.479
7 0.12	0.588	57 1.06	-1.990	107 1.94	-3.698	157 2.94	2.476
8 0.16	0.506	58 1.08	-1.991	108 1.96	-2.189	158 2.96	3.976
9 0.18	0.583	59 1.09	-1.493	109 1.97	-0.940	159 2.97	5.225
10 0.21	2.501	60 1.10	-0.665	110 1.99	0.931	160 2.99	4.724
11 0.23	0.204	61 1.11	-1.594	111 2.01	1.930	161 3.01	2.847
12 0.25	0.452	62 1.13	-0.870	112 2.03	0.678	162 3.02	0.971
13 0.27	-0.674	63 1.14	-10.247	113 2.06	0.675	163 3.04	-0.278
14 0.30	-2.300	64 1.16	-7.873	114 2.08	1.298	164 3.06	-2.155
15 0.33	-2.927	65 1.18	-4.125	115 2.12	1.545	165 3.08	-1.907
16 0.35	-2.929	66 1.20	-2.252	116 2.14	1.294	166 3.10	-1.284
17 0.37	-2.692	67 1.22	0.120	117 2.16	2.542	167 3.13	-1.036
18 0.40	-1.693	68 1.23	2.244	118 2.17	4.041	168 3.15	-0.412
19 0.42	0.013	69 1.24	4.118	119 2.18	4.415	169 3.16	-0.914
20 0.43	1.698	70 1.26	5.367	120 2.20	4.164	170 3.18	-0.415
21 0.46	2.665	71 1.28	5.740	121 2.22	1.037	171 3.20	1.206
22 0.47	3.550	72 1.29	3.864	122 2.24	-1.462	172 3.24	2.453
23 0.49	4.181	73 1.31	2.363	123 2.26	-3.714	173 3.26	2.701
24 0.51	4.181	74 1.34	2.610	124 2.27	-5.215	174 3.27	2.200
25 0.53	2.428	75 1.35	4.404	125 2.28	-5.841	175 3.29	-0.050
26 0.54	0.552	76 1.36	4.233	126 2.30	-4.718	176 3.31	-1.391
27 0.55	-0.446	77 1.38	1.732	127 2.33	-3.470	177 3.33	-3.428
28 0.56	-2.572	78 1.39	-0.517	128 2.36	-2.222	178 3.35	-5.054
29 0.59	-3.200	79 1.40	-2.018	129 2.39	-1.600	179 3.37	-4.431
30 0.61	-3.202	80 1.43	-2.355	130 2.42	0.021	180 3.39	-2.932
31 0.63	-3.204	81 1.44	-3.021	131 2.44	0.694	181 3.40	0.814
32 0.66	-2.080	82 1.46	-3.648	132 2.47	1.267	182 3.42	2.063
33 0.67	-0.206	83 1.47	-3.899	133 2.49	1.015	183 3.43	2.435
34 0.68	1.416	84 1.49	-2.150	134 2.52	1.013	184 3.45	3.061
35 0.69	3.915	85 1.50	-1.151	135 2.54	1.511	185 3.46	3.684
36 0.70	5.164	86 1.51	-1.402	136 2.56	1.509	186 3.48	2.608
37 0.72	4.287	87 1.53	-2.405	137 2.58	0.383	187 3.49	-0.316
38 0.74	3.285	88 1.55	-2.655	138 2.61	0.080	188 3.50	-1.941
39 0.76	2.034	89 1.56	-3.656	139 2.63	0.678	189 3.51	-3.442
40 0.78	1.157	90 1.57	-2.157	140 2.65	-0.871	190 3.52	-5.694
41 0.80	-0.718	91 1.60	-0.284	141 2.67	-2.498	191 3.55	-4.446
42 0.81	-2.594	92 1.63	-0.537	142 2.68	-3.374	192 3.57	-2.947
43 0.84	-3.221	93 1.64	-0.788	143 2.70	-3.126	193 3.59	-1.374
44 0.86	-2.973	94 1.67	0.708	144 2.72	-1.627	194 3.60	6.799
45 0.88	-3.224	95 1.70	2.205	145 2.74	-0.379	195 3.62	3.295
46 0.91	-2.102	96 1.72	2.579	146 2.76	-0.005	196 3.63	3.926
47 0.93	-0.854	97 1.74	2.577	147 2.78	-0.632	197 3.64	2.795
48 0.95	-0.855	98 1.76	1.325	148 2.79	-1.883	198 3.67	0.292
49 0.97	-0.232	99 1.79	0.375	149 2.81	-3.135	199 3.69	0.290
50 0.98	0.755	100 1.81	0.071	150 2.83	-4.385	200 3.71	0.789
201 3.73	-0.005	251 4.78	-2.097	301 6.04	1.590	351 7.55	0.470
202 3.75	-1.962	252 4.80	-2.040	302 6.06	0.721	352 7.59	2.342
203 3.77	-2.214	253 4.82	-1.801	303 6.08	-1.530	353 7.61	2.715
204 3.79	-1.716	254 4.85	-0.178	304 6.08	-3.406	354 7.63	1.213
205 3.83	-0.469	255 4.88	0.692	305 6.13	0.339	355 7.67	-1.030
206 3.87	0.151	256 4.91	0.690	306 6.18	0.336	356 7.70	-2.200
207 3.89	0.169	257 4.94	0.438	307 6.21	1.582	357 7.72	-2.917
208 3.93	0.521	258 4.96	0.436	308 6.24	2.205	358 7.74	-2.044
209 3.95	0.269	259 5.00	1.058	309 6.25	2.628	359 7.78	-0.172
210 3.97	1.392	260 5.02	1.056	310 6.29	2.825	360 7.80	1.449
211 3.99	2.015	261 5.04	1.679	311 6.34	-1.177	361 7.84	2.446
212 4.00	2.390	262 5.07	0.802	312 6.36	-2.178	362 7.87	2.069
213 4.02	2.138	263 5.08	-0.197	313 6.40	-2.607	363 7.89	2.316
214 4.04	0.262	264 5.12	0.424	314 6.44	-1.560	364 7.92	2.314
215 4.05	0.262	265 5.15	0.420	315 6.48	-0.064	365 7.95	1.813
216 4.08	1.134	266 5.18	-1.455	316 6.51	0.307	366 7.97	1.435
217 4.10	1.382	267 5.19	-2.331	317 6.55	2.429	367 8.00	2.307
218 4.11	1.756	268 5.23	-0.836	318 6.56	3.427	368 8.04	1.179
219 4.13	-0.119	269 5.25	-0.586	319 6.60	4.300	369 8.05	0.178
220 4.15	-0.995	270 5.28	1.034	320 6.63	4.047	370 8.08	0.426
221 4.17	-1.997	271 5.30	3.532	321 6.65	3.795	371 8.10	0.799
222 4.20	-2.250	272 5.32	4.406	322 6.67	3.188	372 8.13	1.047
223 4.23	-2.627	273 5.33	5.405	323 6.70	0.666	373 8.16	1.044
224 4.24	-2.628	274 5.35	4.153	324 6.73	-1.834	374 8.21	1.165
225 4.26	-2.630	275 5.37	1.652	325 6.77	-2.837	375 8.24	1.412
226 4.28	-2.406	276 5.38	-1.097	326 6.81	-3.091	376 8.28	1.409
227 4.29	-1.132	277 5.40	-4.849	327 6.85	-1.594	377 8.32	1.656
228 4.31	1.364	278 5.42	-6.476	328 6.88	-0.097	378 8.34	1.154
229 4.32	2.614	279 5.45	-6.478	329 6.91	1.149	379 8.37	0.152
230 4.35	4.661	280 5.48	-7.355	330 6.93	2.397	380 8.41	1.399
231 4.37	3.359	281 5.50	-6.482	331 6.96	4.269	381 8.44	0.771
232 4.39	2.733	282 5.52	-3.983	332 6.99	4.642	382 8.47	0.143
233 4.41	3.606	283 5.53	-1.235	333 7.01	2.766	383 8.50	-0.732
234 4.43	4.480	284 5.54	-1.868	334 7.03	1.263	384 8.52	-1.984
235 4.45	2.728	285 5.59	3.500	335 7.06	0.011	385 8.55	-1.986
236 4.46	-0.146	286 5.60	4.758	336 7.10	-1.615	386 8.59	-1.739
237 4.48	-2.640	287 5.62	4.756	337 7.12	-1.867	387 8.61	-1.991
238 4.51	-3.525	288 5.65	3.878	338 7.15	-1.620	388 8.64	-1.119
239 4.53	-3.277	289 5.68	2.251	339 7.18	-0.372	389 8.66	-0.246
240 4.55	-3.530	290 5.72	0.373	340 7.20	-0.124	390 8.70	0.999
241 4.57	-4.155	291 5.74	-1.127	341 7.24	-0.122	391 8.73	2.247
242 4.59	-4.157	292 5.78	-3.006	342 7.27	1.119	392 8.74	2.671
243 4.61	-3.659	293 5.80	-3.007	343 7.28	2.993	393 8.78	2.368
244 4.63	-1.785	294 5.84	-1.511	344 7.31	3.990	394 8.81	1.365
245 4.65	0.711	295 5.86	-0.687	345 7.34	2.738	395 8.84	1.363
246 4.67	2.335	296 5.89	-0.264	346 7.36	0.881	396 8.86	0.111
247 4.68	3.209	297 5.92	0.606	347 7.41	-1.265	397 8.89	-1.389
248 4.70	2.767	298 5.94	0.604	348 7.45	-1.694	398 8.91	-1.766
249 4.73	1.060	299 5.96	0.602	349 7.48	-1.897	399 8.93	-0.516
250 4.76	-0.795	300 5.99	1.225	350 7.52	-0.400	400 8.96	0.077

INDEX NO.	322	104-GH-12	SHINTONEGAWA B.	U-D	MAX. ACCEL. = -10.247 (GAL)	T = 1.14 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401 8.59	1.600	451 10.57	0.343	501 12.57	-0.571	551 14.47	-0.103
402 9.02	1.973	452 10.59	-1.532	502 12.61	0.049	552 14.50	-0.606
403 9.04	1.721	453 10.62	-2.784	503 12.66	1.045	553 14.53	0.265
404 9.07	1.718	454 10.65	-2.787	504 12.70	1.041	554 14.57	1.762
405 9.10	0.716	455 10.68	-2.540	505 12.74	1.288	555 14.60	3.384
406 9.13	-0.160	456 10.72	-2.293	506 12.79	0.159	556 14.63	4.006
407 9.15	-0.161	457 10.74	-0.669	507 12.85	-0.844	557 14.67	3.378
408 9.19	-0.290	458 10.76	0.707	508 12.90	-1.723	558 14.70	1.551
409 9.22	-0.292	459 10.80	1.824	509 12.94	-2.727	559 14.75	-1.001
410 9.25	-0.795	460 10.84	1.571	510 13.00	-1.657	560 14.78	-2.504
411 9.28	-1.172	461 10.88	0.942	511 13.05	-1.485	561 14.81	-2.882
412 9.31	-1.175	462 10.91	0.940	512 13.10	0.303	562 14.88	-2.887
413 9.35	0.320	463 10.94	0.938	513 13.15	1.004	563 14.91	-2.265
414 9.38	2.567	464 10.99	0.933	514 13.20	1.875	564 14.96	-1.019
415 9.42	3.189	465 11.01	2.681	515 13.24	1.621	565 15.01	0.650
416 9.46	2.311	466 11.05	2.428	516 13.29	0.368	566 15.06	1.721
417 9.51	1.307	467 11.08	1.551	517 13.36	-1.761	567 15.10	2.093
418 9.53	-0.194	468 11.13	0.296	518 13.41	-4.015	568 15.12	2.341
419 9.55	-0.820	469 11.17	-1.330	519 13.44	-4.643	569 15.17	2.462
420 9.60	-0.824	470 11.22	-1.584	520 13.46	-3.394	570 15.21	0.584
421 9.64	-0.827	471 11.26	-1.962	521 13.48	-1.896	571 15.25	-0.667
422 9.66	-0.329	472 11.30	-0.716	522 13.52	-0.649	572 15.29	-1.671
423 9.69	0.291	473 11.36	-0.471	523 13.55	-0.277	573 15.34	-2.550
424 9.73	0.268	474 11.40	0.774	524 13.58	0.344	574 15.38	-2.553
425 9.76	0.213	475 11.44	0.771	525 13.62	2.216	575 15.42	-2.306
426 9.80	-0.216	476 11.48	1.142	526 13.65	2.638	576 15.45	-1.683
427 9.83	-0.843	477 11.51	0.889	527 13.68	2.585	577 15.49	-1.436
428 9.87	0.026	478 11.55	1.137	528 13.71	2.208	578 15.53	-0.190
429 9.91	0.898	479 11.59	2.383	529 13.73	1.956	579 15.57	1.680
430 9.94	1.520	480 11.63	1.130	530 13.76	2.204	580 15.63	1.175
431 9.97	2.143	481 11.66	0.502	531 13.79	2.452	581 15.68	-0.452
432 10.00	2.140	482 11.70	0.249	532 13.82	1.949	582 15.73	-1.021
433 10.03	2.763	483 11.74	0.496	533 13.84	0.947	583 15.77	-1.709
434 10.06	1.635	484 11.79	-1.006	534 13.87	-0.553	584 15.81	-2.338
435 10.09	0.008	485 11.81	-0.758	535 13.89	-1.555	585 15.85	-1.091
436 10.13	0.255	486 11.84	-0.137	536 13.92	-2.432	586 15.92	1.027
437 10.15	1.253	487 11.89	-0.390	537 13.95	-2.810	587 15.98	1.647
438 10.19	1.875	488 11.94	-0.394	538 13.98	-2.813	588 16.03	1.393
439 10.21	0.998	489 11.99	-0.398	539 14.02	-1.565	589 16.08	0.764
440 10.24	0.621	490 12.03	0.097	540 14.04	-0.317	590 16.14	-0.739
441 10.26	0.618	491 12.08	-0.405	541 14.08	0.927	591 16.18	-1.993
442 10.29	-0.907	492 12.12	0.089	542 14.11	1.550	592 16.23	-2.997
443 10.32	-1.885	493 12.16	0.711	543 14.14	2.172	593 16.30	-1.503
444 10.35	-2.762	494 12.21	1.956	544 14.18	2.169	594 16.34	-0.506
445 10.38	-2.264	495 12.26	1.701	545 14.22	0.916	595 16.40	-0.362
446 10.42	-0.392	496 12.31	1.656	546 14.26	0.038	596 16.45	0.984
447 10.45	1.478	497 12.36	0.444	547 14.31	-0.599	597 16.49	1.354
448 10.48	3.100	498 12.41	-0.193	548 14.36	-1.844	598 16.53	1.101
449 10.52	3.345	499 12.46	-0.813	549 14.40	-2.223	599 16.57	0.097
450 10.55	2.220	500 12.51	-1.441	550 14.43	-1.600	600 16.60	-0.528

INDEX NO.	322	104-GH-12	SHINTONEGAWA B.	U-D	MAX. ACCEL. = -10.247 (GAL)	T = 1.14 (SEC)	NO. 4
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
601 16.64	-1.156						
602 16.67	-1.159						
603 16.72	-0.538						
604 16.76	0.330						
605 16.82	0.327						
606 16.86	0.699						
607 16.90	0.695						
608 16.95	0.441						
609 16.99	-0.566						
610 17.02	-0.813						
611 17.05	-0.816						
612 17.10	-2.069						
613 17.15	-2.198						
614 17.19	-1.827						
615 17.24	-0.331						
616 17.29	0.663						
617 17.34	0.910						
618 17.36	-0.218						
619 17.42	-1.221						
620 17.46	-1.849						
621 17.50	-1.853						
622 17.55	-0.606						
623 17.59	0.986						
624 17.63	1.260						
625 17.66	1.008						
626 17.70	0.629						
627 17.74	-0.246						
628 17.78	-1.251						
629 17.81	-1.503						
630 17.84	-1.256						
631 17.89	-1.510						
632 17.91	-1.867						

Table IV D-24. Digitized Accelerations of Earthquake Record with Index Number 323

INDEX NO. 323	104-GR-12	SHINTONEGANA B.	LG.	MAX. ACCEL. = -69.372 (GAL)	T = 0.87 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
1 0.0	-4.379	51 4.10	-4.379	101 8.20	-1.079	
2 0.10	3.130	52 4.20	3.130	102 8.30	-4.379	
3 0.15	5.630	53 4.30	-1.079	103 8.40	8.130	
4 0.20	-0.629	54 4.40	-1.079	104 8.50	8.130	
5 0.30	-1.079	55 4.50	-0.629	105 8.60	5.630	
6 0.40	4.380	56 4.60	1.830	106 8.70	0.630	
7 0.50	-3.129	57 4.70	6.830	107 8.80	4.380	
8 0.60	6.880	58 4.80	-4.379	108 8.90	-0.129	
9 0.70	33.130	59 4.90	-3.129	109 9.00	-4.379	
10 0.80	-23.129	60 4.90	-1.079	110 9.05	0.630	
11 0.87	-69.379	61 5.00	0.130	111 9.10	-4.379	
12 0.90	-66.879	62 5.05	11.880	112 9.20	-1.079	
13 1.00	25.630	63 5.10	-4.379	113 9.30	1.080	
14 1.10	-14.379	64 5.17	-0.129	114 9.40	13.130	
15 1.20	10.630	65 5.20	-4.379	115 9.50	6.880	
16 1.30	48.130	66 5.26	8.130	116 9.60	0.630	
17 1.40	-24.379	67 5.30	-1.079	117 9.70	1.080	
18 1.50	-1.079	68 5.40	-6.879	118 9.80	-6.879	
19 1.53	10.630	69 5.50	8.130	119 9.90	-1.079	
20 1.60	-8.129	70 5.60	-4.379	120 10.00	-3.129	
21 1.70	-26.879	71 5.70	6.880	121 10.10	8.130	
22 1.80	1.080	72 5.75	8.130	122 10.20	11.880	
23 1.85	26.880	73 5.80	-1.079	123 10.30	4.380	
24 1.90	10.630	74 5.85	-0.129	124 10.40	-5.629	
25 1.95	8.130	75 5.90	-6.879	125 10.50	-4.379	
26 2.00	-9.379	76 6.00	-1.079	126 10.60	-3.129	
27 2.10	-0.629	77 6.10	9.380	127 10.70	4.380	
28 2.20	-4.379	78 6.15	14.380	128 10.75	10.630	
29 2.30	8.130	79 6.20	4.380	129 10.80	8.130	
30 2.40	1.080	80 6.30	-1.079	130 10.90	-1.079	
31 2.50	1.080	81 6.40	-1.079	131 11.00	-4.379	
32 2.60	-10.629	82 6.44	4.380			
33 2.65	-13.129	83 6.50	-4.379			
34 2.70	-0.629	84 6.55	-4.379			
35 2.76	11.880	85 6.60	-4.379			
36 2.80	8.130	86 6.70	1.080			
37 2.90	-1.879	87 6.80	5.630			
38 3.00	8.130	88 6.90	-0.629			
39 3.10	-10.629	89 7.00	6.880			
40 3.18	-15.629	90 7.10	3.130			
41 3.20	-19.379	91 7.20	5.630			
42 3.30	19.380	92 7.30	-0.313			
43 3.40	-15.629	93 7.40	-5.629			
44 3.50	-1.879	94 7.50	-3.129			
45 3.56	15.630	95 7.60	10.630			
46 3.60	-0.629	96 7.70	3.130			
47 3.70	-9.379	97 7.80	-1.079			
48 3.80	3.130	98 7.90	8.130			
49 3.90	8.130	99 8.00	-4.379			
50 4.00	-1.079	100 8.10	-9.379			

Table IV D-25. Digitized Accelerations of Earthquake Record with Index Number 324

INDEX NO.	324	106-G4-17	SHUKA BRIDGE	TR.	MAX. ACCEL. = -13.783 (GAL)	T = 1.261 (SEC)	NO.	1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	-3.387	51	0.87	7.596	101	1.68	-1.083
2	0.03	-3.763	52	0.88	6.221	102	1.69	-1.416
3	0.05	-4.888	53	0.90	9.221	103	1.70	-2.686
4	0.07	-5.253	54	0.92	9.846	104	1.72	-4.041
5	0.09	-5.014	55	0.94	11.095	105	1.73	-4.291
6	0.11	-4.385	56	0.95	11.970	106	1.75	-3.792
7	0.13	-2.514	57	0.96	13.095	107	1.77	-2.792
8	0.15	-0.640	58	0.98	13.095	108	1.78	-2.167
9	0.17	1.608	59	0.99	13.094	109	1.80	-2.167
10	0.19	3.483	60	1.00	12.219	110	1.83	-3.668
11	0.21	6.107	61	1.02	9.969	111	1.86	-4.293
12	0.23	6.357	62	1.03	7.219	112	1.87	-4.669
13	0.25	6.357	63	1.04	4.593	113	1.89	-5.294
14	0.26	5.482	64	1.06	1.468	114	1.91	-5.544
15	0.28	4.231	65	1.08	-3.405	115	1.92	-5.294
16	0.30	3.356	66	1.09	-4.905	116	1.95	-4.045
17	0.31	2.731	67	1.11	-6.156	117	1.98	-3.170
18	0.33	1.730	68	1.12	-7.156	118	1.99	-2.796
19	0.34	1.440	69	1.14	-7.781	119	2.01	-2.546
20	0.36	1.440	70	1.16	-8.496	120	2.03	-2.171
21	0.37	1.933	71	1.18	-9.907	121	2.06	-1.922
22	0.39	2.634	72	1.20	-11.282	122	2.09	-1.297
23	0.41	2.979	73	1.22	-12.282	123	2.12	-0.674
24	0.43	2.104	74	1.24	-13.533	124	2.15	-0.048
25	0.45	0.853	75	1.26	-13.783	125	2.16	0.949
26	0.47	-0.595	76	1.28	-13.533	126	2.20	1.574
27	0.48	-1.020	77	1.30	-10.409	127	2.22	2.199
28	0.51	-1.021	78	1.31	-0.284	128	2.24	3.440
29	0.53	-0.521	79	1.32	-6.409	129	2.26	4.073
30	0.55	-1.321	80	1.33	-4.534	130	2.28	5.072
31	0.56	-2.271	81	1.34	-2.785	131	2.30	6.072
32	0.59	-4.272	82	1.36	-1.285	132	2.31	6.322
33	0.63	-6.147	83	1.37	0.508	133	2.33	6.072
34	0.61	-6.023	84	1.38	2.463	134	2.35	4.821
35	0.62	-6.393	85	1.40	5.087	135	2.36	3.571
36	0.64	-10.323	86	1.42	8.087	136	2.38	2.946
37	0.66	-10.323	87	1.44	7.337	137	2.40	2.070
38	0.67	-8.148	88	1.45	7.087	138	2.42	1.695
39	0.68	-6.523	89	1.47	6.711	139	2.45	1.070
40	0.70	-3.397	90	1.49	5.086	140	2.46	0.194
41	0.71	-2.143	91	1.50	5.461	141	2.48	-0.429
42	0.72	-1.524	92	1.51	5.211	142	2.50	-2.054
43	0.74	-0.649	93	1.55	6.335	143	2.52	-2.305
44	0.75	-0.275	94	1.56	9.209	144	2.54	-2.055
45	0.76	-0.625	95	1.59	10.709	145	2.55	-1.805
46	0.78	0.343	96	1.61	11.094	146	2.58	-1.431
47	0.79	0.773	97	1.62	10.835	147	2.59	-0.806
48	0.82	3.297	98	1.64	9.834	148	2.61	-0.806
49	0.83	4.472	99	1.65	7.333	149	2.64	-1.057
50	0.85	6.357	100	1.67	3.956	150	2.66	-2.057

INDEX NO.	324	106-G-17	SCHKA BRIDGE	TR.	MAX. ACCEL. * -13.783 (GAL)	T = 1.26 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201	1.71	251	4.70	301	5.05	351	6.04
202	3.73	252	4.72	302	5.07	352	6.06
203	3.76	253	4.74	303	5.09	353	6.08
204	3.78	254	4.76	304	5.12	354	6.91
205	3.81	255	4.78	305	5.14	355	6.94
206	3.82	256	4.80	306	5.16	356	6.98
207	3.85	257	4.82	307	5.18	357	7.01
208	3.88	258	4.83	308	5.21	358	7.03
209	3.90	259	4.86	309	5.22	359	7.06
210	3.92	260	4.88	310	5.24	360	7.08
211	3.94	261	4.90	311	5.25	361	7.10
212	3.97	262	4.92	312	5.27	362	7.12
213	3.99	263	4.94	313	5.28	363	7.15
214	4.02	264	4.98	314	5.31	364	7.17
215	4.04	265	5.01	315	5.33	365	7.19
216	4.06	266	5.03	316	5.35	366	7.21
217	4.08	267	5.06	317	5.37	367	7.24
218	4.12	268	5.08	318	5.39	368	7.26
219	4.14	269	5.09	319	5.42	369	7.28
220	4.16	270	5.11	320	5.44	370	7.31
221	4.17	271	5.13	321	5.46	371	7.34
222	4.19	272	5.15	322	5.48	372	7.37
223	4.21	273	5.17	323	5.50	373	7.40
224	4.23	274	5.19	324	5.52	374	7.43
225	4.24	275	5.21	325	5.54	375	7.45
226	4.26	276	5.23	326	5.56	376	7.49
227	4.27	277	5.25	327	5.58	377	7.53
228	4.29	278	5.28	328	5.60	378	7.56
229	4.30	279	5.29	329	5.62	379	7.58
230	4.32	280	5.31	330	5.64	380	7.60
231	4.33	281	5.33	331	5.66	381	7.63
232	4.35	282	5.34	332	5.68	382	7.66
233	4.36	283	5.36	333	5.70	383	7.68
234	4.38	284	5.38	334	5.72	384	7.72
235	4.39	285	5.39	335	5.74	385	7.74
236	4.41	286	5.41	336	5.76	386	7.76
237	4.42	287	5.42	337	5.78	387	7.78
238	4.44	288	5.44	338	5.80	388	7.81
239	4.46	289	5.45	339	5.82	389	7.84
240	4.48	290	5.46	340	5.84	390	7.87
241	4.49	291	5.48	341	5.86	391	7.90
242	4.50	292	5.49	342	5.88	392	7.93
243	4.52	293	5.50	343	5.90	393	7.95
244	4.53	294	5.51	344	5.92	394	7.97
245	4.55	295	5.52	345	5.94	395	7.98
246	4.58	296	5.57	346	5.97	396	8.00
247	4.60	297	5.59	347	5.99	397	8.02
248	4.62	298	5.60	348	6.01	398	8.05
249	4.65	299	5.62	349	6.03	399	8.07
250	4.68	300	5.64	350	6.05	400	8.09

INDEX NO.	324	106-G-17	SCHKA BRIDGE	TR.	MAX. ACCEL. * -13.783 (GAL)	T = 1.26 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401	6.11	451	9.84	501	11.45	551	13.03
402	6.13	452	9.89	502	11.47	552	13.07
403	6.17	453	9.92	503	11.52	553	13.09
404	6.20	454	9.95	504	11.56	554	13.12
405	6.23	455	9.97	505	11.59	555	13.16
406	6.26	456	10.02	506	11.64	556	13.19
407	6.29	457	10.06	507	11.67	557	13.23
408	6.33	458	10.09	508	11.70	558	13.27
409	6.36	459	10.13	509	11.74	559	13.30
410	6.40	460	10.17	510	11.79	560	13.33
411	6.46	461	10.20	511	11.81	561	13.35
412	6.50	462	10.25	512	11.83	562	13.38
413	6.52	463	10.28	513	11.86	563	13.42
414	6.58	464	10.32	514	11.89	564	13.45
415	6.61	465	10.35	515	11.90	565	13.47
416	6.66	466	10.38	516	11.92	566	13.51
417	6.69	467	10.44	517	11.95	567	13.54
418	6.73	468	10.48	518	11.99	568	13.59
419	6.79	469	10.51	519	12.01	569	13.63
420	6.83	470	10.56	520	12.04	570	13.67
421	6.86	471	10.59	521	12.07	571	13.72
422	6.89	472	10.62	522	12.10	572	13.75
423	6.94	473	10.66	523	12.12	573	13.78
424	6.98	474	10.69	524	12.17	574	13.82
425	7.02	475	10.71	525	12.21	575	13.85
426	7.06	476	10.74	526	12.24	576	13.88
427	7.08	477	10.77	527	12.28	577	13.93
428	7.11	478	10.80	528	12.31	578	13.95
429	7.15	479	10.83	529	12.33	579	14.00
430	7.18	480	10.87	530	12.35	580	14.04
431	7.20	481	10.91	531	12.39	581	14.07
432	7.23	482	10.94	532	12.42	582	14.11
433	7.27	483	10.97	533	12.46	583	14.14
434	7.29	484	10.99	534	12.48	584	14.18
435	7.32	485	11.01	535	12.52	585	14.23
436	7.36	486	11.05	536	12.55	586	14.27
437	7.37	487	11.05	537	12.59	587	14.30
438	7.40	488	11.09	538	12.62	588	14.33
439	7.43	489	11.12	539	12.66	589	14.36
440	7.45	490	11.14	540	12.70	590	14.39
441	7.50	491	11.16	541	12.74	591	14.45
442	7.54	492	11.19	542	12.77	592	14.48
443	7.56	493	11.21	543	12.81	593	14.52
444	7.59	494	11.23	544	12.83	594	14.55
445	7.63	495	11.25	545	12.85	595	14.58
446	7.66	496	11.27	546	12.88	596	14.61
447	7.71	497	11.32	547	12.90	597	14.64
448	7.74	498	11.35	548	12.94	598	14.69
449	7.77	499	11.39	549	12.97	599	14.71
450	7.80	500	11.42	550	13.00	600	14.74

INDEX NO.	324	108-GH-17	SONKA BRIDGE	TR.	MAX.ACCEL. = -13.783(GAL)	T = 1.26(SEC)	NO. 4
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
601 14.80	2.361	651 16.55	-3.041	701 18.63	0.767	751 20.75	1.386
602 14.84	0.111	652 16.58	-1.167	702 18.66	1.046	752 20.79	-1.113
603 14.89	-2.013	653 16.62	-0.542	703 18.71	0.796	753 20.82	-3.239
604 14.93	-3.264	654 16.67	-0.293	704 18.75	0.545	754 20.87	-4.614
605 14.95	-3.264	655 16.70	0.755	705 18.80	0.545	755 20.92	-4.740
606 15.00	-2.143	656 16.74	2.204	706 18.84	0.165	756 20.95	-4.116
607 15.03	-2.141	657 16.77	3.453	707 18.89	-0.705	757 21.00	-2.492
608 15.07	-1.515	658 16.80	4.203	708 18.93	-2.331	758 21.03	-1.017
609 15.10	-1.142	659 16.84	3.952	709 18.96	-2.657	759 21.10	0.880
610 15.15	-0.267	660 16.87	3.327	710 19.01	-3.207	760 21.14	2.754
611 15.19	0.730	661 16.92	2.074	711 19.04	-1.450	761 21.19	4.503
612 15.22	0.979	662 16.94	0.575	712 19.09	5.789	762 21.22	5.378
613 15.26	1.104	663 16.97	-0.423	713 19.14	2.661	763 21.26	6.377
614 15.30	0.103	664 17.01	-1.046	714 19.17	1.208	764 21.30	6.377
615 15.35	-0.521	665 17.04	-1.049	715 19.21	3.537	765 21.35	5.126
616 15.38	-1.146	666 17.09	-0.425	716 19.27	5.536	766 21.37	4.251
617 15.42	-1.772	667 17.13	-0.426	717 19.32	3.285	767 21.42	1.125
618 15.46	-2.023	668 17.18	-0.177	718 19.37	2.409	768 21.45	0.124
619 15.49	-1.159	669 17.22	-0.177	719 19.43	-1.533	769 21.50	-1.750
620 15.53	0.975	670 17.25	-0.178	720 19.47	-1.050	770 21.53	-2.625
621 15.55	2.224	671 17.32	-0.429	721 19.52	-3.216	771 21.61	-4.801
622 15.59	1.348	672 17.37	-0.430	722 19.56	-4.342	772 21.66	-4.377
623 15.63	1.097	673 17.42	-0.681	723 19.60	-4.342	773 21.73	-2.253
624 15.65	1.972	674 17.44	-0.681	724 19.63	-3.093	774 21.76	0.244
625 15.68	2.847	675 17.50	-0.182	725 19.68	-1.594	775 21.81	2.119
626 15.71	3.471	676 17.54	0.440	726 19.72	0.279	776 21.86	2.743
627 15.74	2.971	677 17.58	0.440	727 19.77	1.528	777 21.91	2.742
628 15.77	2.345	678 17.63	0.439	728 19.83	2.777	778 21.96	1.866
629 15.79	1.729	679 17.66	0.813	729 19.88	1.776	779 22.03	1.240
630 15.81	1.344	680 17.70	1.438	730 19.94	4.775	780 22.07	0.989
631 15.86	0.719	681 17.74	1.438	731 19.99	4.774	781 22.12	-0.010
632 15.90	-0.155	682 17.78	1.436	732 20.03	4.773	782 22.17	-1.260
633 15.93	-1.156	683 17.83	0.810	733 20.08	3.272	783 22.20	-0.637
634 15.97	-2.031	684 17.87	0.810	734 20.13	1.397	784 22.24	0.611
635 16.02	-2.407	685 17.90	0.184	735 20.16	-0.102	785 22.30	1.485
636 16.06	-2.658	686 17.96	-1.065	736 20.20	-2.353	786 22.34	1.485
637 16.11	-1.705	687 17.99	-1.690	737 20.24	-4.353	787 22.39	1.234
638 16.14	-0.909	688 18.04	-2.316	738 20.29	-4.979	788 22.46	0.984
639 16.18	0.963	689 18.07	-2.942	739 20.32	-4.105	789 22.50	0.357
640 16.21	2.588	690 18.11	-2.317	740 20.35	-2.489	790 22.54	-0.267
641 16.23	3.462	691 18.17	-1.066	741 20.38	-0.606	791 22.59	-0.893
642 16.26	3.462	692 18.20	-0.194	742 20.40	0.892	792 22.61	-1.268
643 16.29	3.461	693 18.26	1.428	743 20.43	2.516	793 22.66	-0.644
644 16.32	1.961	694 18.30	-0.927	744 20.46	4.141	794 22.71	-0.645
645 16.36	0.085	695 18.33	3.927	745 20.49	4.515	795 22.76	-0.396
646 16.38	-0.788	696 18.39	2.676	746 20.53	3.890	796 22.82	-0.396
647 16.41	-3.289	697 18.44	1.425	747 20.58	4.135	797 22.89	-0.648
648 16.45	-5.164	698 18.50	0.174	748 20.62	4.138	798 22.93	-0.398
649 16.48	-3.915	699 18.55	-0.769	749 20.67	4.262	799 22.98	0.224
650 16.51	-4.565	700 18.60	0.422	750 20.70	3.637	800 23.02	1.223

INDEX NO.	324	108-GH-17	SONKA BRIDGE	TR.	MAX.ACCEL. = -13.783(GAL)	T = 1.26(SEC)	NO. 5
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
801 23.08	-2.097	851 24.91	0.036	901 27.20	-2.970		
802 23.13	1.846	852 24.94	-0.557	902 27.24	-1.971		
803 23.16	1.590	853 24.98	-1.433	903 27.29	-0.067		
804 23.20	0.970	854 25.03	-2.684	904 27.32	1.151		
805 23.24	0.344	855 25.07	-5.309	905 27.34	1.776		
806 23.30	-1.280	856 25.11	-4.000	906 27.37	2.650		
807 23.33	-2.155	857 25.16	-3.811	907 27.43	3.274		
808 23.36	-3.156	858 25.19	-2.561	908 27.47	2.773		
809 23.39	-3.406	859 25.23	-1.063	909 27.52	2.398		
810 23.44	-2.532	860 25.29	0.580	910 27.55	1.772		
811 23.48	0.215	861 25.32	1.899	911 27.59	1.146		
812 23.52	2.465	862 25.35	2.434	912 27.63	0.896		
813 23.56	4.454	863 25.39	3.058	913 27.68	0.521		
814 23.60	5.069	864 25.43	3.058	914 27.71	-0.729		
815 23.65	4.839	865 25.47	2.432	915 27.76	-2.854		
816 23.69	3.212	866 25.52	1.181	916 27.82	-3.231		
817 23.72	2.335	867 25.56	0.305	917 27.87	-3.231		
818 23.76	-0.162	868 25.59	-0.643	918 27.91	-2.982		
819 23.78	-1.163	869 25.64	-2.569	919 27.96	-2.608		
820 23.82	-2.413	870 25.68	-3.445	920 28.02	-1.359		
821 23.87	-2.664	871 25.72	-4.695	921 28.06	-0.485		
822 23.91	-1.540	872 25.75	-4.446	922 28.10	-0.110		
823 23.96	-0.291	873 25.80	-1.947	923 28.13	0.137		
824 23.99	-0.291	874 25.90	-1.073	924 28.21	0.512		
825 24.03	-0.292	875 25.95	-0.174	925 28.27	0.510		
826 24.07	-0.293	876 26.01	1.173	926 28.30	0.509		
827 24.11	-0.293	877 26.06	1.797	927 28.40	0.258		
828 24.15	-0.294	878 26.11	1.796	928 28.46	0.257		
829 24.19	-0.545	879 26.16	0.920	929 28.53	0.756		
830 24.20	-0.545	880 26.22	-0.704	930 28.58	-0.368		
831 24.23	-0.795	881 26.26	-0.954	931 28.62	-1.369		
832 24.27	-0.546	882 26.34	-2.581	932 28.65	-1.994		
833 24.31	-0.297	883 26.40	-2.582	933 28.69	-2.870		
834 24.36	0.076	884 26.45	-2.582	934 28.77	-4.121		
835 24.38	0.325	885 26.52	-2.334	935 28.80	-4.247		
836 24.43	0.699	886 26.58	-2.335	936 28.85	-2.623		
837 24.46	0.449	887 26.62	-1.710	937 28.88	-1.998		
838 24.50	0.500	888 26.67	-0.711				
839 24.53	-1.400	889 26.72	-0.087				
840 24.56	-2.426	890 26.75	0.535				
841 24.59	-2.426	891 26.80	1.160				
842 24.63	-2.427	892 26.83	1.409				
843 24.66	-1.552	893 26.87	1.159				
844 24.68	-0.928	894 26.93	-0.715				
845 24.71	0.070	895 26.97	-1.591				
846 24.74	0.744	896 27.01	-2.592				
847 24.78	1.569	897 27.06	-3.218				
848 24.80	1.943	898 27.09	-3.218				
849 24.84	1.692	899 27.14	-3.459				
850 24.87	1.317	900 27.17	-3.219				

Table IV D-26. Digitized Accelerations of Earthquake Record with Index Number 325

INDEX NO. 325	106-GR-17	SOMKA BRIDGE	U-D	MAX. ACCEL. ±	-4.568 (GAL)	T=11.10 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	1.916	51 1.63	-0.313	101 3.50	-0.538	151 5.20	0.731
2 0.05	2.542	52 1.65	1.313	102 3.53	-1.413	152 5.25	-0.141
3 0.07	2.792	53 1.70	2.563	103 3.56	-2.412	153 5.28	-0.766
4 0.10	2.542	54 1.75	1.938	104 3.60	-2.412	154 5.32	-1.390
5 0.13	1.293	55 1.78	0.688	105 3.63	-1.162	155 5.34	-2.015
6 0.15	1.043	56 1.82	-1.184	106 3.66	-0.286	156 5.39	-2.389
7 0.18	-0.580	57 1.84	-1.809	107 3.68	0.337	157 5.42	-2.639
8 0.21	-1.204	58 1.89	-1.183	108 3.71	0.463	158 5.45	-2.639
9 0.25	-2.454	59 1.93	-0.308	109 3.75	-1.160	159 5.48	-1.513
10 0.28	-2.704	60 1.95	0.690	110 3.78	-0.535	160 5.51	0.110
11 0.33	-2.203	61 1.99	0.691	111 3.82	-0.784	161 5.55	2.236
12 0.36	-1.203	62 2.03	0.441	112 3.84	-0.784	162 5.59	3.236
13 0.39	0.045	63 2.07	0.067	113 3.88	0.715	163 5.63	1.237
14 0.42	0.671	64 2.10	-0.317	114 3.92	1.965	164 5.66	1.987
15 0.47	0.922	65 2.14	0.318	115 3.94	2.215	165 5.70	-0.135
16 0.50	1.297	66 2.17	0.318	116 3.96	2.216	166 5.73	-1.135
17 0.53	1.568	67 2.21	0.069	117 4.01	1.966	167 5.77	-2.010
18 0.57	1.048	68 2.25	0.069	118 4.05	1.092	168 5.80	-2.634
19 0.61	0.674	69 2.28	0.320	119 4.08	0.467	169 5.82	-2.759
20 0.64	1.299	70 2.34	0.070	120 4.11	0.092	170 5.86	-2.133
21 0.67	1.299	71 2.38	-0.177	121 4.14	-0.155	171 5.88	-0.883
22 0.70	1.550	72 2.42	-1.177	122 4.16	-1.155	172 5.91	0.115
23 0.74	1.550	73 2.46	-0.926	123 4.19	-1.780	173 5.93	0.991
24 0.75	1.300	74 2.50	-0.301	124 4.23	-2.030	174 5.97	0.991
25 0.79	0.676	75 2.53	0.323	125 4.27	-2.028	175 6.00	0.991
26 0.82	-1.197	76 2.56	0.698	126 4.30	-0.903	176 6.03	0.492
27 0.85	-2.072	77 2.59	0.698	127 4.34	0.720	177 6.05	0.117
28 0.88	-2.446	78 2.64	0.449	128 4.37	1.346	178 6.08	0.117
29 0.93	-2.196	79 2.67	-0.174	129 4.42	2.221	179 6.11	-0.505
30 0.95	-1.820	80 2.70	-0.549	130 4.45	2.597	180 6.14	-0.255
31 0.99	-1.195	81 2.72	-0.549	131 4.51	2.348	181 6.16	0.493
32 1.01	-1.195	82 2.76	0.950	132 4.54	1.723	182 6.20	0.119
33 1.05	-0.944	83 2.80	1.951	133 4.57	0.723	183 6.24	-0.754
34 1.05	-0.944	84 2.85	2.202	134 4.59	-0.524	184 6.26	0.370
35 0.99	0.054	85 2.88	2.577	135 4.62	-1.399	185 6.29	1.370
36 1.12	0.305	86 2.92	1.326	136 4.65	-1.774	186 6.33	-1.121
37 1.17	0.681	87 2.95	0.078	137 4.68	-0.898	187 6.38	0.121
38 1.20	0.931	88 2.98	-1.420	138 4.71	-0.273	188 6.42	-0.751
39 1.23	0.931	89 3.04	-1.794	139 4.72	0.350	189 6.45	-1.126
40 1.27	1.557	90 3.08	-1.169	140 4.80	-1.397	190 6.51	-2.000
41 1.29	2.182	91 3.11	0.330	141 4.84	-2.021	191 6.55	-1.750
42 1.30	3.182	92 3.15	1.955	142 4.89	-1.521	192 6.59	-1.124
43 1.33	2.932	93 3.19	2.581	143 4.93	0.353	193 6.62	-1.124
44 1.37	1.933	94 3.23	2.331	144 4.95	0.353	194 6.65	-0.673
45 1.41	0.059	95 3.29	0.707	145 4.99	0.979	195 6.68	0.375
46 1.46	-1.189	96 3.32	0.708	146 5.03	1.979	196 6.71	2.250
47 1.48	-2.064	97 3.35	0.458	147 5.07	2.605	197 6.73	2.676
48 1.51	-2.688	98 3.39	0.458	148 5.11	2.655	198 6.76	3.251
49 1.55	-3.313	99 3.43	0.459	149 5.14	2.606	199 6.79	2.001
50 1.60	-1.563	100 3.46	0.084	150 5.17	1.731	200 6.82	0.127
INDEX NO. 325	106-GR-17	SOMKA BRIDGE	U-D	MAX. ACCEL. ±	-4.568 (GAL)	T=11.10 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 6.05	-1.371	251 8.64	-1.598	301 10.36	-1.452	351 12.10	-0.681
202 6.07	-2.997	252 8.68	-0.598	302 10.40	-2.451	352 12.12	-1.055
203 6.09	-3.620	253 8.73	0.651	303 10.43	-2.451	353 12.15	-1.305
204 6.03	-2.995	254 8.76	0.901	304 10.47	-2.201	354 12.18	-1.680
205 6.07	-1.744	255 8.79	0.401	305 10.51	-0.950	355 12.21	-1.929
206 6.09	-1.119	256 8.82	-0.221	306 10.55	0.040	356 12.23	-1.929
207 7.04	0.754	257 8.85	-1.221	307 10.58	-0.299	357 12.28	-1.928
208 7.07	1.380	258 8.88	-2.096	308 10.63	-0.199	358 12.31	-1.678
209 7.10	1.630	259 8.93	-1.220	309 10.66	-0.573	359 12.37	-0.427
210 7.11	1.139	260 8.96	-0.595	310 10.69	-1.198	360 12.40	0.446
211 7.15	-0.117	261 9.00	0.030	311 10.72	-1.198	361 12.43	1.697
212 7.19	-1.367	262 9.02	0.279	312 10.75	-0.322	362 12.45	2.072
213 7.21	-1.991	263 9.03	-0.219	313 10.79	1.551	363 12.47	2.322
214 7.24	-2.366	264 9.05	-0.593	314 10.83	2.302	364 12.50	2.322
215 7.27	-2.116	265 9.09	-2.468	315 10.85	2.677	365 12.53	2.323
216 7.31	-0.865	266 9.13	-3.967	316 10.88	2.677	366 12.56	1.823
217 7.34	0.133	267 9.16	-3.092	317 10.92	1.428	367 12.60	0.574
218 7.38	0.384	268 9.19	-1.842	318 10.96	-0.695	368 12.63	-0.674
219 7.41	0.384	269 9.26	0.282	319 11.01	-2.944	369 12.66	-1.299
220 7.46	0.385	270 9.28	0.658	320 11.03	-3.569	370 12.70	-1.923
221 7.50	0.760	271 9.32	0.658	321 11.06	-4.444	371 12.72	-1.923
222 7.54	0.762	272 9.36	0.034	322 11.10	-4.568	372 12.78	-0.797
223 7.59	0.762	273 9.39	-0.214	323 11.13	-2.693	373 12.81	0.451
224 7.64	-0.486	274 9.43	0.285	324 11.18	-1.067	374 12.87	0.452
225 7.69	-1.735	275 9.46	0.035	325 11.22	-0.192	375 12.91	0.828
226 7.73	-2.363	276 9.50	-0.213	326 11.25	0.607	376 12.96	0.578
227 7.76	-2.110	277 9.54	-0.587	327 11.29	1.057	377 12.99	0.204
228 7.79	-1.734	278 9.56	-0.837	328 11.32	1.433	378 13.04	0.204
229 7.82	-0.484	279 9.60	0.287	329 11.36	2.933	379 13.07	0.205
230 7.85	0.765	280 9.63	0.662	330 11.39	2.934	380 13.12	0.830
231 7.89	1.640	281 9.65	0.412	331 11.42	1.809	381 13.16	0.831
232 7.93	0.141	282 9.69	-0.586	332 11.46	0.559	382 13.20	0.831
233 7.98	-1.357	283 9.74	-1.460	333 11.51	-1.313	383 13.24	1.452
234 8.02	-2.356	284 9.78	-2.459	334 11.52	-1.938	384 13.26	1.707
235 8.07	-2.106	285 9.81	-2.709	335 11.59	-3.563	385 13.30	1.707
236 8.13	-1.480	286 9.84	-2.708	336 11.62	-2.938	386 13.34	1.708
237 8.17	-1.917	287 9.88	-2.455	337 11.64	-1.686	387 13.36	1.458
238 8.21	-0.479	288 9.92	-2.207	338 11.68	-0.186	388 13.40	1.459
239 8.24	0.144	289 9.96	-1.832	339 11.70	0.438	389 13.43	0.584
240 8.29	1.395	290 10.00	-1.206	340 11.73	0.438	390 13.46	-0.039
241 8.33	1.396	291 10.02	-1.206	341 11.77	1.063	391 13.49	-1.038
242 8.35	-0.352	292 10.05	-0.581	342 11.79	0.814	392 13.54	-1.038
243 8.38	-1.227	293 10.09	0.043	343 11.83	-0.434	393 13.58	-1.037
244 8.42	-1.476	294 10.12	0.668	344 11.87	-0.683	394 13.61	-0.412
245 8.45	-1.476	295 10.15	0.669	345 11.90	0.440	395 13.66	0.212
246 8.49	-0.975	296 10.23	0.419	346 11.93	0.815	396 13.68	-0.411
247 8.52	-1.225	297 10.24	0.420	347 11.96	1.066	397 13.72	0.213
248 8.56	-2.100	298 10.28	0.420	348 11.98	1.441	398 13.75	2.608
249 8.59	-2.474	299 10.30	0.045	349 11.92	-0.186	399 13.79	1.459
250 8.62	-2.474	300 10.33	-0.202	350 12.07	-0.431	400 13.81	2.339

INDEX NO.	325	106-GR-17	SOHYA BRIDGE	U-D	MAX.ACCEL.±	-4.568(GAL)	T+11.10(SEC)	NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
400	13.07	2.070	452	15.00	0.864	501	17.72	1.888
401	13.07	2.070	453	15.00	1.490	502	17.79	0.639
402	13.07	2.070	454	15.00	1.740	503	17.82	-0.359
403	13.07	2.070	455	15.00	1.241	504	17.87	-0.108
404	13.07	-0.032	456	15.00	0.617	505	17.92	0.515
405	13.07	-0.657	457	15.00	-0.631	506	17.97	0.891
406	13.07	-0.406	458	15.00	-0.631	507	18.01	0.891
407	13.07	-0.155	459	15.00	-1.255	508	18.05	0.892
408	13.07	-0.405	460	15.00	-1.255	509	18.09	1.142
409	13.07	-0.405	461	15.00	-1.004	510	18.13	0.893
410	13.07	-0.404	462	15.00	0.244	511	18.15	0.643
411	13.07	-0.154	463	15.00	0.869	512	18.19	0.019
412	13.07	0.220	464	15.00	1.495	513	18.24	-0.354
413	13.07	0.470	465	15.00	1.495	514	18.27	-0.103
414	13.07	0.221	466	15.00	0.871	515	18.30	0.521
415	13.07	-0.027	467	15.00	0.621	516	18.33	1.145
416	13.07	0.222	468	15.00	1.122	517	18.35	1.146
417	13.07	1.097	469	15.00	1.497	518	18.41	1.521
418	13.07	1.721	470	15.00	1.747	519	18.46	1.272
419	13.07	2.693	471	15.00	1.748	520	18.50	0.648
420	13.07	1.224	472	15.00	2.373	521	18.53	0.273
421	13.07	0.224	473	15.00	2.374	522	18.58	1.149
422	13.07	-0.023	474	15.00	1.875	523	18.62	0.899
423	13.07	0.476	475	15.00	1.509	524	18.67	0.025
424	13.07	0.476	476	15.00	1.250	525	18.70	-0.973
425	13.07	1.477	477	15.00	0.251	526	18.75	-0.722
426	13.07	0.852	478	15.00	0.876	527	18.78	0.276
427	13.07	-0.398	479	15.00	1.127	528	18.83	1.152
428	13.07	-1.020	480	15.00	0.628	529	18.86	1.777
429	13.07	-0.144	481	15.00	0.004	530	18.90	1.276
430	13.07	2.104	482	15.00	0.004	531	18.93	0.276
431	13.07	2.104	483	15.00	0.005	532	18.95	0.028
432	13.07	2.105	484	15.00	0.256	533	18.99	0.279
433	13.07	0.231	485	15.00	0.256	534	19.02	0.529
434	13.07	-0.392	486	15.00	0.256	535	19.07	2.155
435	13.07	-0.391	487	15.00	-0.616	536	19.09	2.155
436	13.07	-0.141	488	15.00	-0.366	537	19.12	2.155
437	13.07	0.853	489	15.00	0.883	538	19.15	1.281
438	13.07	0.859	490	15.00	1.758	539	19.18	-0.342
439	13.07	0.859	491	15.00	2.133	540	19.21	-1.217
440	13.07	-0.009	492	15.00	1.084	541	19.23	-1.841
441	13.07	-0.014	493	15.00	0.884	542	19.26	-2.216
442	13.07	0.485	494	15.00	0.010	543	19.30	-2.465
443	13.07	1.111	495	15.00	-0.613	544	19.34	-2.465
444	13.07	1.736	496	15.00	-0.613	545	19.38	-1.904
445	13.07	2.112	497	15.00	0.262	546	19.41	-0.339
446	13.07	1.237	498	15.00	2.137	547	19.43	0.910
447	13.07	0.233	499	15.00	3.012	548	19.45	1.534
448	13.07	-0.010	500	15.00	2.512	549	19.49	1.785
449	13.07	-0.010	501	15.00	2.512	550	19.53	1.785
450	13.07	-0.010	502	15.00	2.512	551	19.53	1.785

INDEX NO.	325	106-GR-17	SOHYA BRIDGE	U-D	MAX.ACCEL.±	-4.568(GAL)	T+11.10(SEC)	NO. 4
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
601	21.35	2.183	651	23.38	-0.290	701	25.40	-1.514
602	21.36	2.184	652	23.41	-0.289	702	25.44	-0.889
603	21.41	1.559	653	23.47	-0.288	703	25.48	-0.263
604	21.46	0.665	654	23.52	-0.038	704	25.53	0.360
605	21.53	-0.313	655	23.59	-0.038	705	25.57	1.236
606	21.58	-0.563	656	23.59	-0.037	706	25.63	1.612
607	21.63	-0.561	657	23.63	-0.036	707	25.67	1.362
608	21.68	-0.936	658	23.67	-0.036	708	25.71	0.988
609	21.72	-0.935	659	23.71	-1.160	709	25.75	-0.260
610	21.76	-0.935	660	23.75	-1.785	710	25.81	-1.509
611	21.81	-0.934	661	23.79	-1.284	711	25.86	-1.509
612	21.85	-1.184	662	23.83	0.339	712	25.93	-0.258
613	21.89	-1.183	663	23.87	0.965	713	26.00	0.368
614	21.93	-0.933	664	23.90	0.715	714	26.05	0.167
615	21.96	-0.932	665	23.93	0.715	715	26.09	0.117
616	22.00	-1.807	666	23.97	-0.907	716	26.13	0.110
617	22.04	-1.256	667	24.02	-1.531	717	26.19	-0.254
618	22.09	-0.601	668	24.07	-1.281	718	26.22	-0.504
619	22.13	-0.955	669	24.09	-0.906	719	26.26	-0.879
620	22.16	0.643	670	24.12	-0.655	720	26.33	-0.878
621	22.19	1.194	671	24.16	-0.655	721	26.36	-0.627
622	22.23	1.569	672	24.19	-0.279	722	26.41	-0.627
623	22.26	1.569	673	24.24	-0.529	723	26.44	-0.251
624	22.29	1.573	674	24.28	-0.278	724	26.49	-0.251
625	22.31	0.695	675	24.32	-0.028	725	26.53	-0.000
626	22.34	-0.303	676	24.35	0.346	726	26.57	0.373
627	22.37	-1.802	677	24.39	0.971	727	26.61	0.374
628	22.40	-2.802	678	24.43	0.972	728	26.65	0.624
629	22.46	-2.551	679	24.47	0.722	729	26.69	-0.248
630	22.54	-0.925	680	24.52	-0.275	730	26.72	-1.123
631	22.56	0.324	681	24.55	-0.275	731	26.75	-1.123
632	22.53	0.574	682	24.60	-0.524	732	26.82	-0.873
633	22.56	0.949	683	24.64	-0.899	733	26.88	-0.621
634	22.57	1.575	684	24.68	-1.148	734	26.92	0.003
635	22.75	0.951	685	24.74	-0.068	735	26.97	0.003
636	22.78	0.326	686	24.76	-0.272	736	27.02	0.004
637	22.82	-0.297	687	24.81	-0.022	737	27.07	0.004
638	22.87	-1.546	688	24.85	-0.021	738	27.12	0.005
639	22.92	-2.170	689	24.89	-0.271	739	27.22	-0.242
640	22.95	-1.545	690	24.94	-0.020	740	27.27	0.382
641	23.02	-0.917	691	24.97	-0.020	741	27.31	0.633
642	23.03	-0.919	692	25.02	0.979	742	27.35	0.633
643	23.05	-0.919	693	25.06	0.979	743	27.40	-0.239
644	23.10	-0.919	694	25.10	0.980	744	27.44	-0.864
645	23.13	-0.668	695	25.16	0.356	745	27.48	-1.488
646	23.18	-0.292	696	25.19	0.106	746	27.53	-1.488
647	23.22	-0.542	697	25.23	-0.268	747	27.56	-0.612
648	23.27	-0.541	698	25.28	-0.091	748	27.62	0.387
649	23.30	-0.290	699	25.32	-1.140	749	27.67	1.012
650	23.34	-0.290	700	25.36	-1.515	750	27.72	1.013

Table IV D-27. Digitized Accelerations of Earthquake Record with Index Number 326

INDEX NO. 326	106-GR-17	SOHKA BRIDGE	LG.	MAX. ACCEL. #	9.361 (GAL)	T = 0.50 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.00	0.072	51 1.21	1.157	101 2.51	1.544	151 3.86	4.001
2 0.04	3.075	52 1.24	0.294	102 2.53	0.646	152 3.86	3.127
3 0.07	-1.420	53 1.25	-0.329	103 2.56	0.898	153 3.90	0.504
4 0.10	-5.165	54 1.29	-0.326	104 2.58	2.150	154 3.92	-2.992
5 0.13	-7.960	55 1.31	-0.074	105 2.60	3.151	155 3.94	-5.116
6 0.16	-7.959	56 1.34	-0.071	106 2.62	3.777	156 3.97	-6.239
7 0.18	-7.287	57 1.37	-0.319	107 2.63	3.706	157 4.00	-2.737
8 0.22	-6.439	58 1.39	-1.317	108 2.68	1.202	158 4.02	-1.735
9 0.25	-8.550	59 1.42	-1.565	109 2.71	-0.214	159 4.05	-1.100
10 0.28	-8.555	60 1.45	-1.688	110 2.73	-1.836	160 4.07	-0.856
11 0.30	-9.029	61 1.47	-0.435	111 2.76	-2.459	161 4.10	-0.229
12 0.33	-9.276	62 1.49	0.014	112 2.79	-3.332	162 4.11	0.771
13 0.35	-5.324	63 1.52	1.016	113 2.81	-3.955	163 4.14	2.897
14 0.37	-1.272	64 1.53	2.192	114 2.84	-3.703	164 4.16	4.774
15 0.38	1.127	65 1.57	0.945	115 2.87	-2.450	165 4.20	6.402
16 0.40	4.228	66 1.61	0.323	116 2.91	-1.198	166 4.23	6.655
17 0.41	5.429	67 1.63	-0.674	117 2.94	0.678	167 4.27	4.533
18 0.44	7.606	68 1.65	-1.922	118 2.96	1.395	168 4.29	3.285
19 0.46	8.353	69 1.69	-2.794	119 2.98	0.431	169 4.33	0.537
20 0.49	8.955	70 1.71	-2.792	120 3.02	-1.439	170 4.36	-1.083
21 0.50	9.361	71 1.74	-2.540	121 3.04	-2.438	171 4.38	-3.207
22 0.53	9.113	72 1.77	-1.682	122 3.08	-3.001	172 4.39	-5.080
23 0.56	7.865	73 1.81	-1.034	123 3.11	-1.181	173 4.41	-6.954
24 0.59	6.967	74 1.84	-1.282	124 3.16	0.695	174 4.44	-7.702
25 0.61	7.119	75 1.87	-1.905	125 3.19	1.947	175 4.50	-7.197
26 0.62	7.120	76 1.88	-1.903	126 3.22	3.200	176 4.53	-4.695
27 0.65	4.059	77 1.92	0.848	127 3.24	4.452	177 4.55	-3.443
28 0.67	2.249	78 1.95	3.350	128 3.26	5.328	178 4.57	-1.191
29 0.69	-0.123	79 1.96	4.976	129 3.29	5.705	179 4.60	0.608
30 0.70	-2.247	80 1.97	6.476	130 3.32	6.583	180 4.62	2.311
31 0.72	-3.620	81 2.00	8.854	131 3.36	6.086	181 4.64	3.563
32 0.75	-5.118	82 2.03	8.856	132 3.39	4.839	182 4.67	5.439
33 0.78	-5.741	83 2.06	6.233	133 3.42	2.966	183 4.70	5.192
34 0.80	-5.989	84 2.09	6.986	134 3.45	0.718	184 4.73	3.944
35 0.82	-5.987	85 2.13	2.614	135 3.48	-1.777	185 4.76	2.072
36 0.84	-5.111	86 2.15	0.366	136 3.52	-3.900	186 4.77	1.196
37 0.86	-4.880	87 2.18	-2.130	137 3.54	-5.522	187 4.79	-0.674
38 0.87	-4.235	88 2.21	-4.053	138 3.57	-6.396	188 4.81	-3.172
39 0.90	-2.606	89 2.23	-6.251	139 3.59	-7.019	189 4.84	-4.420
40 0.92	-1.730	90 2.26	-7.624	140 3.62	-7.517	190 4.87	-3.918
41 0.94	-0.103	91 2.28	-8.247	141 3.65	-6.639	191 4.89	-3.291
42 0.96	1.147	92 2.32	-7.994	142 3.67	-5.013	192 4.92	-2.664
43 1.00	1.525	93 2.33	-7.743	143 3.69	-2.261	193 4.95	-1.411
44 1.04	1.778	94 2.34	-3.617	144 3.71	-0.635	194 4.98	-0.409
45 1.06	2.655	95 2.35	-1.741	145 3.74	0.366	195 5.02	0.467
46 1.08	5.531	96 2.38	1.884	146 3.76	0.993	196 5.05	1.469
47 1.10	6.783	97 2.40	3.385	147 3.79	2.245	197 5.07	2.096
48 1.13	7.035	98 2.42	4.397	148 3.81	3.497	198 5.09	3.340
49 1.16	5.912	99 2.45	3.764	149 3.83	3.623	199 5.12	4.600
50 1.18	4.039	100 2.47	2.891	150 3.84	4.249	200 5.14	4.977
INDEX NO. 326	106-GR-17	SOHKA BRIDGE	LG.	MAX. ACCEL. #	9.361 (GAL)	T = 0.50 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 5.16	3.978	251 6.44	-0.294	301 7.68	5.185	351 9.07	5.785
202 5.19	2.730	252 6.46	-0.293	302 7.68	4.563	352 9.09	7.037
203 5.22	0.699	253 6.48	-0.541	303 7.86	3.940	353 9.11	7.684
204 5.24	-0.388	254 6.50	-0.289	304 7.89	2.943	354 9.14	7.166
205 5.27	-1.011	255 6.52	1.566	305 7.92	2.320	355 9.17	5.919
206 5.30	-1.258	256 6.54	1.637	306 7.94	1.697	356 9.20	4.671
207 5.33	-1.632	257 6.56	0.965	307 7.97	-0.424	357 9.24	4.049
208 5.36	-2.504	258 6.61	0.092	308 7.99	-3.297	358 9.27	2.176
209 5.39	-2.502	259 6.63	-0.529	309 8.02	-4.170	359 9.29	-0.695
210 5.40	-2.501	260 6.65	-0.527	310 8.04	-4.169	360 9.32	-1.942
211 5.43	-1.999	261 6.68	-1.150	311 8.07	-3.916	361 9.35	-1.949
212 5.45	-1.372	262 6.72	-2.146	312 8.09	-4.539	362 9.38	-2.563
213 5.47	-0.120	263 6.75	-2.769	313 8.11	-5.163	363 9.42	-3.185
214 5.49	0.880	264 6.78	-3.392	314 8.14	-5.410	364 9.44	-3.432
215 5.53	1.507	265 6.80	-3.641	315 8.19	-2.407	365 9.48	-1.430
216 5.55	1.259	266 6.86	-0.261	316 8.21	-0.780	366 9.50	-2.552
217 5.58	0.262	267 6.90	1.615	317 8.24	0.095	367 9.52	-1.674
218 5.61	-0.609	268 6.93	2.243	318 8.28	1.348	368 9.54	0.198
219 5.63	-1.233	269 6.96	2.245	319 8.30	1.725	369 9.57	1.450
220 5.65	-2.231	270 6.99	2.675	320 8.33	1.727	370 9.59	2.453
221 5.69	-3.103	271 7.01	2.074	321 8.35	1.104	371 9.61	3.329
222 5.72	-3.226	272 7.03	2.626	322 8.38	-0.392	372 9.64	3.706
223 5.76	-2.598	273 7.06	2.628	323 8.41	-2.015	373 9.67	2.459
224 5.79	-1.070	274 7.09	2.630	324 8.44	-2.637	374 9.69	0.586
225 5.81	-1.968	275 7.12	2.882	325 8.46	-1.761	375 9.71	-2.786
226 5.84	-1.966	276 7.13	2.884	326 8.49	0.489	376 9.73	-4.409
227 5.87	-2.214	277 7.16	2.261	327 8.51	1.742	377 9.76	-5.907
228 5.91	-2.461	278 7.19	0.385	328 8.53	3.243	378 9.79	-5.655
229 5.93	-2.459	279 7.22	-2.733	329 8.56	4.245	379 9.80	-4.778
230 5.94	-2.333	280 7.24	-2.481	330 8.57	4.497	380 9.82	-2.902
231 5.97	-0.455	281 7.26	-1.229	331 8.59	4.246	381 9.84	-1.025
232 5.99	0.919	282 7.28	-0.603	332 8.62	3.000	382 9.87	0.225
233 6.01	2.420	283 7.31	0.397	333 8.64	2.127	383 9.90	1.227
234 6.03	3.422	284 7.33	0.399	334 8.67	1.504	384 9.94	0.980
235 6.04	5.298	285 7.37	-1.721	335 8.69	0.809	385 9.96	0.357
236 6.06	7.425	286 7.40	-4.594	336 8.72	0.568	386 10.00	0.235
237 6.09	8.551	287 7.42	-5.842	337 8.74	0.760	387 10.02	0.237
238 6.11	7.929	288 7.45	-6.464	338 8.77	0.262	388 10.04	0.614
239 6.14	6.431	289 7.48	-6.712	339 8.80	-2.234	389 10.08	0.866
240 6.17	4.183	290 7.50	-7.211	340 8.82	-3.857	390 10.13	1.495
241 6.19	2.310	291 7.54	-6.583	341 8.85	-7.730	391 10.17	1.498
242 6.20	1.061	292 7.56	-5.081	342 8.89	-9.226	392 10.22	0.377
243 6.23	-2.186	293 7.58	-2.579	343 8.92	-9.224	393 10.26	-0.868
244 6.26	-4.338	294 7.60	-0.078	344 8.93	-8.973	394 10.30	-2.116
245 6.29	-4.932	295 7.63	1.672	345 8.96	-7.471	395 10.33	-0.613
246 6.30	-4.430	296 7.65	2.549	346 8.98	-5.595	396 10.36	0.887
247 6.32	-3.803	297 7.68	2.926	347 9.01	-3.969	397 10.39	1.690
248 6.35	-2.551	298 7.71	4.179	348 9.01	-1.842	398 10.42	2.516
249 6.36	-1.293	299 7.74	5.431	349 9.03	-0.091	399 10.46	1.545
250 6.41	-0.671	300 7.77	5.431	350 9.05	3.659	400 10.49	0.622

INDEX NO.	326	106-GR-17	SHOKA BRIDGE	LG.	MAX. ACCEL. *	9.361(GAL)	T = 0.50(SEC)	NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	10.52	-1.257	451	12.21	-2.312	501	14.00	1.545
402	10.54	-2.471	452	12.23	-2.092	502	14.00	0.299
403	10.56	-3.094	453	12.25	-1.088	503	14.05	-0.322
404	10.62	-3.341	454	12.31	-0.635	504	14.12	-1.194
405	10.68	-1.937	455	12.35	-0.332	505	14.17	-1.015
406	10.72	-0.564	456	12.38	0.418	506	14.25	-2.180
407	10.76	-0.591	457	12.42	1.071	507	14.25	-1.309
408	10.80	-0.578	458	12.45	2.044	508	14.30	0.318
409	10.83	-0.525	459	12.47	1.475	509	14.35	0.572
410	10.89	-0.571	460	12.51	-0.445	510	14.39	0.575
411	12.01	0.303	461	12.54	-1.317	511	14.42	0.326
412	12.04	0.930	462	12.57	-1.693	512	14.46	0.958
413	12.07	1.103	463	12.60	-1.063	513	14.53	0.961
414	12.21	3.435	464	12.64	-0.435	514	14.57	1.216
415	12.24	4.063	465	12.68	0.417	515	14.59	0.964
416	12.07	3.815	466	12.72	2.070	516	14.63	1.595
417	12.10	2.568	467	12.75	3.322	517	14.66	0.722
418	12.11	1.593	468	12.78	4.575	518	14.71	-0.898
419	12.13	-0.178	469	12.81	4.826	519	14.75	-2.769
420	12.17	-2.425	470	12.85	3.955	520	14.81	-3.640
421	12.23	-3.670	471	12.90	2.459	521	14.87	-1.510
422	12.28	-3.416	472	12.93	1.461	522	14.92	-0.881
423	12.32	-2.760	473	12.97	-0.659	523	14.94	-0.254
424	12.35	-1.785	474	13.01	-2.531	524	14.97	0.996
425	12.37	-1.534	475	13.04	-3.770	525	15.00	1.874
426	12.41	-1.531	476	13.10	-4.399	526	15.03	2.591
427	12.44	-0.904	477	13.14	-3.895	527	15.07	2.504
428	12.46	-0.277	478	13.18	-2.892	528	15.10	2.505
429	12.50	0.725	479	13.21	-1.399	529	15.14	2.009
430	12.53	2.227	480	13.23	-0.395	530	15.18	0.387
431	12.56	3.479	481	13.26	1.487	531	15.21	-1.483
432	12.58	3.955	482	13.29	2.364	532	15.25	-2.105
433	12.61	2.350	483	13.34	2.493	533	15.29	-1.477
434	12.63	-0.513	484	13.38	1.496	534	15.34	-0.848
435	12.66	-1.762	485	13.42	1.249	535	15.37	-0.596
436	12.68	-3.885	486	13.45	0.877	536	15.41	0.655
437	12.70	-4.508	487	13.49	0.630	537	15.46	1.659
438	12.74	-3.005	488	13.53	0.633	538	15.49	2.287
439	12.77	-1.753	489	13.58	0.262	539	15.53	2.539
440	12.80	0.123	490	13.61	1.514	540	15.56	2.542
441	12.83	0.750	491	13.64	1.266	541	15.60	1.420
442	12.90	1.360	492	13.67	-0.354	542	15.63	1.047
443	12.93	1.383	493	13.70	-1.852	543	15.66	0.174
444	12.97	1.385	494	13.73	-2.474	544	15.69	-1.071
445	12.01	1.389	495	13.76	-2.222	545	15.73	-2.318
446	12.03	1.141	496	13.81	-0.719	546	15.77	-1.565
447	12.08	0.145	497	13.85	-1.783	547	15.80	-3.938
448	12.11	-0.476	498	13.88	3.035	548	15.83	-4.155
449	12.14	-1.674	499	13.92	3.413	549	15.86	-4.182
450	12.18	-3.221	500	13.96	2.791	550	15.91	-3.929
501	15.00	1.545	551	15.05	-2.676	601	16.00	0.224
502	15.05	0.299	552	15.08	-1.174	602	16.03	-0.396
503	15.01	-0.322	553	15.01	1.077	603	16.07	-1.643
504	15.04	-1.194	554	15.04	2.580	604	16.11	-3.264
505	15.08	-1.015	555	15.08	4.833	605	16.15	-4.135
506	15.14	6.339	556	15.14	6.339	606	16.19	-3.250
507	15.17	6.080	557	15.17	6.080	607	16.23	-2.631
508	15.19	6.641	558	15.19	6.641	608	16.27	-0.752
509	15.21	3.988	559	15.21	3.988	609	16.31	0.749
510	15.24	1.476	560	15.24	1.476	610	16.35	2.377
511	16.29	0.224	561	16.29	0.224	611	16.39	3.880
512	16.33	-0.396	562	16.33	-0.396	612	16.42	4.883
513	16.37	-1.643	563	16.37	-1.643	613	16.46	4.883
514	16.41	-3.264	564	16.41	-3.264	614	16.49	4.637
515	16.47	-4.135	565	16.47	-4.135	615	16.53	4.264
516	16.50	-3.250	566	16.50	-3.250	616	16.57	2.391
517	16.52	-2.631	567	16.52	-2.631	617	16.61	-0.103
518	16.57	-0.752	568	16.57	-0.752	618	16.65	-1.351
519	16.61	0.749	569	16.61	0.749	619	16.69	-1.597
520	16.65	2.377	570	16.65	2.377	620	16.73	-1.969
521	16.69	3.880	571	16.69	3.880	621	17.02	-2.217
522	16.72	4.883	572	16.72	4.883	622	17.06	-2.214
523	16.73	4.883	573	16.73	4.883	623	17.09	-1.961
524	16.77	4.637	574	16.77	4.637	624	17.14	-0.082
525	16.79	4.264	575	16.79	4.264	625	17.17	1.168
526	16.83	2.391	576	16.83	2.391	626	17.20	2.046
527	16.87	-0.103	577	16.87	-0.103	627	17.23	2.473
528	16.90	-1.351	578	16.90	-1.351	628	17.27	3.676
529	16.95	-1.597	579	16.95	-1.597	629	17.31	3.679
530	16.99	-1.969	580	16.99	-1.969	630	17.34	2.432
531	17.02	-2.217	581	17.02	-2.217	631	17.37	1.689
532	17.06	-2.214	582	17.06	-2.214	632	17.42	1.563
533	17.09	-1.961	583	17.09	-1.961	633	17.46	1.566
534	17.14	-0.082	584	17.14	-0.082	634	17.51	1.620
535	17.17	1.168	585	17.17	1.168	635	17.56	0.949
536	17.20	2.046	586	17.20	2.046	636	17.60	-0.296
537	17.23	2.473	587	17.23	2.473	637	17.66	-2.167
538	17.27	3.676	588	17.27	3.676	638	17.69	-3.164
539	17.31	3.679	589	17.31	3.679	639	17.73	-4.411
540	17.34	2.432	590	17.34	2.432	640	17.77	-3.531

INDEX NO.	326	106-GR-17	SHOKA BRIDGE	LG.	MAX. ACCEL. *	9.361(GAL)	T = 0.50(SEC)	NO. 4
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
601	17.03	-2.528	651	19.61	-1.764	701	21.62	1.517
602	17.07	-1.274	652	19.63	-2.387	702	21.65	1.270
603	17.01	-0.021	653	19.69	-3.008	703	21.71	1.274
604	17.06	-0.017	654	19.73	-2.129	704	21.74	0.651
605	18.00	2.109	655	19.78	-0.876	705	21.79	-0.593
606	18.04	3.987	656	19.83	1.001	706	21.86	-0.983
607	18.07	4.990	657	19.87	2.004	707	21.90	-1.585
608	18.10	5.242	658	19.91	2.258	708	21.96	-3.081
609	18.14	5.245	659	19.95	2.435	709	22.02	-3.201
610	18.18	4.747	660	20.00	2.889	710	22.08	-0.071
611	18.21	3.500	661	20.02	3.266	711	22.12	1.180
612	18.24	1.878	662	20.05	2.844	712	22.17	1.008
613	18.27	0.005	663	20.10	-0.151	713	22.22	1.811
614	18.31	-2.115	664	20.13	-2.073	714	22.25	1.615
615	18.34	-3.738	665	20.16	-4.471	715	22.29	2.818
616	18.36	-4.361	666	20.19	-5.093	716	22.35	2.823
617	18.40	-4.608	667	20.26	-4.838	717	22.38	1.950
618	18.44	-5.230	668	20.29	-3.585	718	22.44	0.330
619	18.47	-5.853	669	20.32	-2.082	719	22.49	0.084
620	18.51	-5.509	670	20.36	0.169	720	22.53	0.087
621	18.55	-4.722	671	20.39	1.422	721	22.58	-0.907
622	18.57	-3.095	672	20.42	2.674	722	22.61	-2.405
623	18.60	-0.960	673	20.46	3.552	723	22.65	-3.651
624	18.61	0.201	674	20.50	3.930	724	22.69	-4.024
625	18.63	2.533	675	20.54	3.684	725	22.73	-4.020
626	18.65	4.035	676	20.61	2.689	726	22.78	-3.391
627	18.68	5.287	677	20.65	1.817	727	22.82	-2.763
628	18.71	5.914	678	20.69	0.572	728	22.86	-2.135
629	18.74	6.291	679	20.71	-0.050	729	22.90	-0.632
630	18.77	6.044	680	20.77	-1.296	730	22.94	0.994
631	18.80	4.796	681	20.81	-1.918	731	22.98	2.247
632	18.86	2.550	682	20.85	-2.539	732	23.01	3.125
633	18.89	1.303	683	20.90	-2.285	733	23.04	4.503
634	18.93	0.431	684	20.91	-2.286	734	23.10	4.507
635	18.97	-0.564	685	20.96	-0.780	735	23.13	3.885
636	19.01	-1.435	686	21.01	-1.097	736	23.17	2.887
637	19.04	-2.433	687	21.05	1.474	737	23.21	1.016
638	19.09	-2.420	688	21.11	2.104	738	23.27	-1.103
639	19.13	-1.551	689	21.15	1.858	739	23.31	-3.349
640	19.17	-1.548	690	21.20	1.486	740	23.35	-4.596
641	19.22	-1.546	691	21.25	0.239	741	23.39	-5.988
642	19.26	-1.541	692	21.29	-1.256	742	23.43	-5.985
643	19.29	-1.164	693	21.31	-1.079	743	23.47	-5.337
644	19.34	-0.535	694	21.35	-2.501	744	23.51	-4.084

INDEX NO. 326	106-G2-17	SONKA BRIDGE	LG.	MAX. ACCEL. = 0.361 (GAL)	T = 0.50 (SEC)	NO. 5
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)			
801 25.04	2.347	851 28.23	-1.955			
802 25.08	1.599	852 28.28	-1.761			
803 25.91	0.977	853 28.32	-1.458			
804 25.96	-0.842	854 28.36	0.160			
805 26.01	-1.010	855 28.39	1.056			
806 26.06	-1.885	856 28.45	1.425			
807 26.10	-1.061	857 28.49	1.420			
808 26.15	-2.124	858 28.55	1.433			
809 26.18	-1.875	859 28.61	1.438			
810 26.25	-0.794	860 28.66	1.191			
811 26.29	-0.617	861 28.72	0.822			
812 26.34	0.911	862 28.77	0.824			
813 26.39	0.590	863 28.82	0.204			
814 26.44	1.263	864 28.88	-0.665			
815 26.47	1.521					
816 26.52	1.399					
817 26.57	1.278					
818 26.61	0.655					
819 26.66	0.035					
820 26.70	-0.219					
821 26.78	-0.578					
822 26.84	-0.574					
823 26.90	-0.569					
824 26.94	-0.566					
825 26.99	0.061					
826 27.03	0.039					
827 27.06	1.566					
828 27.10	2.194					
829 27.12	2.196					
830 27.17	0.700					
831 27.22	-1.419					
832 27.26	-2.041					
833 27.32	-2.037					
834 27.38	-0.907					
835 27.44	0.096					
836 27.48	0.350					
837 27.52	0.353					
838 27.58	0.982					
839 27.64	1.352					
840 27.69	1.365					
841 27.72	1.369					
842 27.78	1.113					
843 27.83	0.752					
844 27.88	0.506					
845 27.92	0.134					
846 27.97	0.137					
847 28.01	0.141					
848 28.08	-1.101					
849 28.14	-1.972					
850 28.19	-1.968					

Table IV D-28. Digitized Accelerations of Earthquake Record with Index Number 327

INDEX NO. 327	309-GR-16	OTOHE BRIDGE	LG.	MAX. ACCEL. =	12.447 (GAL)	T = 6.00 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	0.061	51 1.21	3.336	101 2.31	-0.992	151 3.62	-2.485
2 0.05	1.552	52 1.23	2.706	102 2.32	-0.120	152 3.64	-1.614
3 0.09	2.294	53 1.26	2.075	103 2.34	1.125	153 3.68	-0.623
4 0.11	2.540	54 1.29	1.070	104 2.35	2.372	154 3.71	0.246
5 0.14	1.910	55 1.31	-0.432	105 2.37	3.619	155 3.74	0.866
6 0.17	-0.846	56 1.33	-1.685	106 2.38	4.241	156 3.78	2.733
7 0.22	-2.477	57 1.36	-4.567	107 2.41	5.237	157 3.82	4.351
8 0.24	-3.107	58 1.39	-4.822	108 2.43	5.233	158 3.84	4.972
9 0.27	-3.362	59 1.42	-4.320	109 2.46	4.352	159 3.86	5.219
10 0.29	-2.241	60 1.45	-3.332	110 2.47	3.725	160 3.89	4.714
11 0.32	-1.246	61 1.47	-2.461	111 2.51	1.469	161 3.92	3.787
12 0.33	-0.624	62 1.49	-1.465	112 2.53	-0.408	162 3.95	2.202
13 0.35	0.265	63 1.50	-0.843	113 2.55	-2.286	163 3.96	0.949
14 0.37	0.867	64 1.53	0.651	114 2.56	-4.415	164 3.99	-1.929
15 0.39	0.863	65 1.55	2.272	115 2.58	-6.043	165 4.01	-3.432
16 0.42	-0.016	66 1.56	3.144	116 2.60	-7.297	166 4.02	-4.059
17 0.45	-0.270	67 1.59	3.515	117 2.62	-7.300	167 4.04	-5.083
18 0.47	-0.274	68 1.61	3.761	118 2.65	-7.307	168 4.07	-4.444
19 0.48	-0.277	69 1.63	3.506	119 2.68	-6.063	169 4.11	-3.209
20 0.51	-0.658	70 1.65	2.628	120 2.70	-4.815	170 4.13	-2.329
21 0.53	-0.411	71 1.67	0.999	121 2.73	-3.945	171 4.14	-1.956
22 0.57	-0.918	72 1.69	-0.878	122 2.76	-2.701	172 4.15	-0.709
23 0.59	-1.297	73 1.71	-2.382	123 2.78	-0.639	173 4.17	2.660
24 0.60	-1.300	74 1.73	-3.385	124 2.82	0.785	174 4.18	3.659
25 0.62	-1.303	75 1.76	-4.265	125 2.85	0.781	175 4.21	3.405
26 0.65	-0.657	76 1.78	-4.269	126 2.87	0.776	176 4.24	0.899
27 0.67	0.613	77 1.80	-3.149	127 2.90	1.028	177 4.25	-0.352
28 0.69	2.058	78 1.83	-0.654	128 2.93	1.390	178 4.26	-1.354
29 0.70	3.055	79 1.85	1.215	129 2.95	1.637	179 4.29	-2.234
30 0.72	3.302	80 1.87	1.836	130 2.98	1.631	180 4.32	-2.864
31 0.74	2.423	81 1.90	1.831	131 3.02	1.373	181 4.33	-3.492
32 0.77	0.917	82 1.93	1.326	132 3.06	0.741	182 4.36	-4.747
33 0.79	-0.084	83 1.96	0.695	133 3.09	0.110	183 4.37	-5.125
34 0.81	-0.336	84 1.99	0.066	134 3.12	-0.518	184 4.39	-4.252
35 0.83	-0.717	85 2.01	-0.938	135 3.15	-0.774	185 4.40	-1.755
36 0.85	-0.721	86 2.03	-1.566	136 3.20	0.091	186 4.41	-1.132
37 0.87	-1.348	87 2.05	-1.819	137 3.22	0.711	187 4.43	0.113
38 0.90	-1.979	88 2.07	-1.323	138 3.26	1.579	188 4.46	1.357
39 0.93	-1.985	89 2.10	-0.703	139 3.29	2.573	189 4.49	2.351
40 0.96	-1.365	90 2.12	0.915	140 3.32	2.819	190 4.51	2.598
41 0.98	-1.119	91 2.15	2.161	141 3.34	3.189	191 4.55	2.071
42 1.00	-0.748	92 2.17	3.032	142 3.37	3.185	192 4.57	1.462
43 1.02	-0.753	93 2.18	3.405	143 3.39	2.556	193 4.59	1.084
44 1.04	-0.131	94 2.20	3.651	144 3.41	1.301	194 4.61	1.080
45 1.07	0.736	95 2.21	3.398	145 3.43	0.422	195 4.63	1.701
46 1.10	1.357	96 2.23	2.146	146 3.46	-1.209	196 4.65	2.322
47 1.12	1.352	97 2.24	0.893	147 3.49	-2.462	197 4.67	2.668
48 1.15	1.722	98 2.26	-0.358	148 3.53	-3.094	198 4.70	1.439
49 1.18	2.594	99 2.27	-0.986	149 3.55	-3.348	199 4.73	1.058
50 1.18	3.591	100 2.29	-0.988	150 3.58	-3.728	200 4.75	1.054

INDEX NO.	327	309-GR-16	OTOME BRIDGE	LG.	MAX. ACCEL. *	12.447 (GAL)	T = 6.00 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)
201	4.77	0.426	251	5.98	11.576	301	7.12	-0.007
202	4.79	-0.827	252	6.00	12.447	302	7.16	0.234
203	4.82	-2.707	253	6.02	12.195	303	7.19	1.220
204	4.83	-3.334	254	6.04	11.566	304	7.22	2.724
205	4.87	-2.716	255	6.06	9.438	305	7.24	3.970
206	4.89	-2.094	256	6.08	6.932	306	7.25	5.217
207	4.91	-1.674	257	6.11	4.053	307	7.27	5.839
208	4.95	-1.480	258	6.12	1.330	308	7.29	5.505
209	4.96	-1.483	259	6.14	-0.326	309	7.32	3.705
210	4.99	-1.738	260	6.15	-1.953	310	7.34	1.826
211	5.00	-2.116	261	6.17	-4.832	311	7.36	0.322
212	5.03	-3.370	262	6.19	-5.709	312	7.38	-1.555
213	5.04	-3.623	263	6.20	-6.336	313	7.40	-3.184
214	5.06	-3.127	264	6.23	-8.717	314	7.43	-5.439
215	5.08	-2.131	265	6.25	-6.096	315	7.45	-2.568
216	5.10	-1.684	266	6.27	-5.475	316	7.47	-1.072
217	5.12	-1.513	267	6.30	-3.695	317	7.49	0.549
218	5.14	-1.767	268	6.32	-1.734	318	7.51	2.043
219	5.16	-1.769	269	6.33	0.137	319	7.53	1.790
220	5.18	-0.274	270	6.35	1.633	320	7.55	0.206
221	5.21	2.219	271	6.37	2.254	321	7.57	-0.964
222	5.24	4.714	272	6.40	1.749	322	7.59	-1.969
223	5.27	6.957	273	6.42	1.370	323	7.62	-3.224
224	5.31	8.201	274	6.45	1.615	324	7.63	-3.852
225	5.33	8.621	275	6.48	3.465	325	7.66	-4.107
226	5.37	6.814	276	6.50	3.481	326	7.69	-3.737
227	5.39	6.310	277	6.53	2.691	327	7.72	-1.742
228	5.44	7.052	278	6.55	1.971	328	7.74	0.126
229	5.46	5.122	279	6.58	1.342	329	7.77	2.371
230	5.49	3.293	280	6.60	0.713	330	7.79	4.491
231	5.51	1.414	281	6.62	-0.539	331	7.82	5.112
232	5.54	-0.215	282	6.63	-1.791	332	7.84	4.857
233	5.56	-0.468	283	6.65	-3.670	333	7.87	3.978
234	5.59	-2.224	284	6.67	-3.923	334	7.89	2.099
235	5.62	-4.104	285	6.70	-4.304	335	7.91	-0.154
236	5.66	-6.237	286	6.72	-4.308	336	7.94	-0.408
237	5.69	-8.118	287	6.76	-4.564	337	7.96	-1.038
238	5.71	-9.247	288	6.77	-5.193	338	7.99	-1.417
239	5.74	-10.502	289	6.79	-4.071	339	8.00	-1.421
240	5.77	-10.507	290	6.82	-2.451	340	8.04	-1.427
241	5.79	-10.512	291	6.84	-0.955	341	8.06	-0.181
242	5.82	-9.641	292	6.86	0.039	342	8.09	1.688
243	5.84	-7.770	293	6.89	0.908	343	8.11	2.933
244	5.86	-5.273	294	6.93	1.277	344	8.13	4.179
245	5.87	-2.776	295	6.95	1.022	345	8.15	3.926
246	5.88	-0.779	296	6.98	0.017	346	8.18	2.045
247	5.90	2.342	297	7.00	-0.609	347	8.21	-1.085
248	5.92	3.963	298	7.02	-0.663	348	8.25	-1.466
249	5.94	6.460	299	7.06	-0.370	349	8.26	-1.468
250	5.96	9.704	300	7.08	-0.375	350	8.30	-1.475

INDEX NO.	327	309-GR-16	OTOME BRIDGE	LG.	MAX. ACCEL. *	12.447 (GAL)	T = 6.00 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)
401	9.69	-3.233	451	11.04	4.640	501	12.49	-1.628
402	9.71	-3.613	452	11.08	2.750	502	12.52	-2.508
403	9.73	-3.867	453	11.11	0.252	503	12.55	-0.765
404	9.77	-3.373	454	11.13	-1.000	504	12.58	0.477
405	9.79	-2.753	455	11.16	-2.256	505	12.61	1.098
406	9.82	-2.393	456	11.20	-3.263	506	12.64	1.466
407	9.85	-2.139	457	11.22	-3.268	507	12.67	1.211
408	9.88	-2.395	458	11.25	-1.772	508	12.70	0.581
409	9.90	-2.146	459	11.28	-0.152	509	12.72	-0.422
410	9.93	-1.528	460	11.30	1.092	510	12.75	-1.052
411	9.95	-0.533	461	11.32	1.338	511	12.79	-1.684
412	9.97	0.962	462	11.36	0.831	512	12.81	-1.939
413	9.98	3.209	463	11.39	-0.423	513	12.84	-2.319
414	10.00	4.457	464	11.41	-1.052	514	12.87	-0.825
415	10.01	5.704	465	11.44	-2.307	515	12.91	0.416
416	10.04	6.449	466	11.47	-2.938			
417	10.06	6.445	467	11.50	-3.318			
418	10.10	5.189	468	11.53	-2.075			
419	10.12	3.934	469	11.57	-1.207			
420	10.16	0.801	470	11.62	0.032			
421	10.19	-0.076	471	11.66	1.026			
422	10.21	-0.455	472	11.69	1.269			
423	10.24	-0.712	473	11.73	1.013			
424	10.27	-1.342	474	11.75	0.383			
425	10.31	-2.473	475	11.78	0.120			
426	10.32	-2.727	476	11.81	-0.251			
427	10.34	-2.230	477	11.85	-0.883			
428	10.33	-0.612	478	11.88	-0.263			
429	10.42	0.254	479	11.91	0.603			
430	10.44	0.624	480	11.94	1.849			
431	10.47	0.370	481	11.98	2.852			
432	10.49	-0.257	482	12.00	2.836			
433	10.52	-1.512	483	12.03	2.581			
434	10.53	-2.515	484	12.06	1.576			
435	10.56	-3.145	485	12.08	0.322			
436	10.59	-1.909	486	12.09	-0.929			
437	10.61	-0.030	487	12.11	-2.182			
438	10.65	2.461	488	12.14	-3.688			
439	10.69	3.080	489	12.16	-4.316			
440	10.72	1.823	490	12.17	-4.944			
441	10.75	0.310	491	12.21	-4.075			
442	10.77	-0.603	492	12.23	-3.829			
443	10.79	-1.935	493	12.26	-1.335			
444	10.81	-2.566	494	12.29	0.908			
445	10.82	-2.318	495	12.32	2.491			
446	10.86	-0.703	496	12.36	3.394			
447	10.91	1.414	497	12.38	3.140			
448	10.94	3.657	498	12.40	2.511			
449	10.96	4.901	499	12.43	0.680			
450	11.01	5.145	500	12.46	-0.373			

Table IV D-29. Digitized Accelerations of Earthquake Record with Index Number 328

INDEX NO. 328	309-GR-16	OTOME BRIDGE	U-D	MAX. ACCEL. *	5.429 (GAL)	T = 3.61 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	1.437	51 1.80	-1.551	101 3.61	5.429	151 5.46	-0.097
2 0.04	0.577	52 1.84	-0.698	102 3.64	4.793	152 5.50	-0.359
3 0.09	-0.657	53 1.89	-0.327	103 3.68	4.532	153 5.54	-1.371
4 0.11	-2.064	54 1.93	0.285	104 3.71	3.524	154 5.59	-2.011
5 0.15	-0.074	55 1.97	0.524	105 3.74	2.640	155 5.64	-1.776
6 0.17	0.188	56 2.01	0.263	106 3.78	1.380	156 5.68	-1.161
7 0.21	-0.091	57 2.05	-0.371	107 3.81	0.371	157 5.71	-0.171
8 0.24	-0.475	58 2.07	-0.628	108 3.83	0.115	158 5.75	0.442
9 0.27	-0.733	59 2.11	-1.014	109 3.88	0.076	159 5.78	0.432
10 0.30	-0.491	60 2.16	-0.153	110 3.93	2.213	160 5.80	0.426
11 0.33	-0.251	61 2.19	0.461	111 3.97	3.075	161 5.82	-1.078
12 0.37	0.369	62 2.24	0.822	112 4.01	3.439	162 5.84	-2.332
13 0.40	0.977	63 2.29	1.059	113 4.04	3.450	163 5.88	-1.844
14 0.43	1.594	64 2.32	0.549	114 4.09	1.560	164 5.92	-0.856
15 0.46	1.659	65 2.36	-0.085	115 4.12	-0.592	165 5.96	0.381
16 0.51	1.319	66 2.39	-0.722	116 4.16	-2.232	166 5.98	0.625
17 0.54	0.688	67 2.42	-1.104	117 4.21	-3.492	167 6.02	-0.258
18 0.58	-0.197	68 2.44	-0.859	118 4.26	-4.381	168 6.03	-0.888
19 0.62	-0.834	69 2.50	0.373	119 4.30	-4.391	169 6.05	-0.693
20 0.66	-2.095	70 2.54	0.965	120 4.34	-4.154	170 6.07	-0.646
21 0.68	-2.478	71 2.58	1.972	121 4.37	-4.665	171 6.11	0.339
22 0.72	-1.865	72 2.62	2.586	122 4.42	-4.553	172 6.14	0.581
23 0.77	-1.004	73 2.65	3.453	123 4.46	-3.438	173 6.17	0.947
24 0.82	-0.018	74 2.68	2.568	124 4.49	-1.572	174 6.22	0.933
25 0.84	0.600	75 2.74	0.678	125 4.51	0.170	175 6.26	1.170
26 0.88	0.838	76 2.78	-0.582	126 4.53	2.039	176 6.31	2.157
27 0.91	0.830	77 2.81	-0.590	127 4.55	3.533	177 6.34	2.147
28 0.95	0.819	78 2.83	-0.596	128 4.59	4.773	178 6.39	1.259
29 0.99	-0.066	79 2.85	-0.601	129 4.62	4.766	179 6.42	0.250
30 1.03	-0.793	80 2.88	-1.237	130 4.65	3.682	180 6.47	-1.012
31 1.07	-1.340	81 2.91	-2.122	131 4.68	3.247	181 6.51	-1.647
32 1.10	-1.348	82 2.94	-2.753	132 4.72	1.737	182 6.55	-2.535
33 1.13	-1.106	83 2.98	-1.264	133 4.74	0.730	183 6.60	-2.546
34 1.16	-0.741	84 3.01	-0.398	134 4.78	0.693	184 6.65	-2.563
35 1.19	-0.708	85 3.05	0.213	135 4.83	-0.542	185 6.68	-2.073
36 1.21	-1.005	86 3.09	0.627	136 4.86	-0.802	186 6.73	-0.836
37 1.26	0.104	87 3.13	0.816	137 4.90	-0.563	187 6.76	0.152
38 1.28	1.097	88 3.16	0.805	138 4.95	0.295	188 6.80	1.017
39 1.31	2.589	89 3.20	0.546	139 4.98	0.286	189 6.84	-0.110
40 1.35	2.578	90 3.23	-0.961	140 5.02	1.275	190 6.87	-0.750
41 1.37	2.321	91 3.27	-2.847	141 5.06	2.140	191 6.91	-1.385
42 1.41	1.060	92 3.30	-4.480	142 5.10	1.628	192 6.94	-1.147
43 1.46	0.171	93 3.33	-5.364	143 5.13	-0.005	193 6.98	-0.534
44 1.50	-0.464	94 3.37	-5.375	144 5.16	-1.264	194 7.03	0.951
45 1.54	-0.676	95 3.41	-3.887	145 5.19	-1.898	195 7.08	1.563
46 1.58	-0.237	96 3.44	-1.770	146 5.24	-1.919	196 7.11	1.303
47 1.63	-0.251	97 3.46	0.470	147 5.28	-1.671	197 7.17	0.412
48 1.67	-0.012	98 3.49	3.211	148 5.33	-1.686	198 7.21	0.024
49 1.72	-0.901	99 3.52	4.454	149 5.38	-1.075	199 7.26	0.885
50 1.76	-1.539	100 3.56	5.667	150 5.42	-0.712	200 7.28	1.253
INDEX NO. 328	309-GR-16	OTOME BRIDGE	U-D	MAX. ACCEL. *	5.429 (GAL)	T = 3.61 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 7.31	0.995	251 9.28	0.430	301 11.15	1.644		
202 7.36	0.607	252 9.31	0.045	302 11.18	2.011		
203 7.40	0.364	253 9.34	-0.587	303 11.23	1.747		
204 7.43	0.336	254 9.38	-0.846	304 11.26	0.487		
205 7.48	0.322	255 9.41	-0.855	305 11.31	-0.148		
206 7.52	-0.063	256 9.43	-0.362	306 11.36	-0.539		
207 7.57	-0.077	257 9.47	1.499	307 11.42	-1.180		
208 7.59	-0.332	258 9.50	2.490	308 11.45	-1.441		
209 7.63	-0.343	259 9.53	3.107	309 11.46	-1.448		
210 7.66	0.139	260 9.57	2.221	310 11.51	-1.208		
211 7.72	0.504	261 9.61	0.333	311 11.57	-0.598		
212 7.76	1.366	262 9.65	-0.926	312 11.61	-1.236		
213 7.79	0.857	263 9.68	-1.933	313 11.64	-1.244		
214 7.84	-1.030	264 9.71	-1.743	314 11.68	-1.504		
215 7.87	-2.287	265 9.78	-1.087	315 11.70	-1.513		
216 7.90	-3.266	266 9.81	-1.097	316 11.75	-0.491		
217 7.95	-2.055	267 9.86	-1.109	317 11.78	-0.410		
218 7.95	-0.565	268 9.89	-1.119	318 11.82	-0.419		
219 8.00	-0.199	269 9.91	-1.125	319 11.85	-0.655		
220 8.03	-0.208	270 9.97	-1.143	320 11.90	-0.443		
221 8.07	-0.845	271 10.01	-0.528	321 11.94	-0.704		
222 8.10	-0.853	272 10.05	0.708	322 11.97	-0.713		
223 8.13	0.910	273 10.08	1.950	323 12.01	-0.475		
224 8.15	0.379	274 10.14	2.557	324 12.05	-0.111		
225 8.20	0.909	275 10.19	2.919	325 12.09	-0.123		
226 8.26	0.673	276 10.22	2.909	326 12.13	0.112		
227 8.31	0.709	277 10.26	2.273	327 12.18	0.097		
228 8.37	0.693	278 10.30	1.011	328 12.22	-0.162		
229 8.41	0.305	279 10.33	0.127	329 12.25	-0.420		
230 8.46	0.269	280 10.37	-0.256	330 12.31	-0.188		
231 8.52	0.524	281 10.39	-0.512	331 12.34	0.677		
232 8.56	-0.361	282 10.42	-0.520	332 12.37	0.667		
233 8.61	-0.374	283 10.47	-0.910	333 12.42	1.279		
234 8.62	-0.629	284 10.51	-1.546	334 12.45	0.769		
235 8.67	-0.642	285 10.54	-1.554	335 12.49	0.384		
236 8.70	-0.152	286 10.58	-1.567	336 12.53	0.371		
237 8.74	0.566	287 10.61	-1.325	337 12.57	0.359		
238 8.78	-0.426	288 10.65	-0.315	338 12.60	0.350		
239 8.83	-1.315	289 10.69	0.526	339 12.65	0.337		
240 8.87	-1.700	290 10.73	1.140	340 12.69	0.575		
241 8.91	-1.688	291 10.76	1.131	341 12.73	0.564		
242 8.95	0.150	292 10.80	1.495	342 12.76	-0.319		
243 8.97	1.394	293 10.83	1.486	343 12.80	-1.580		
244 9.01	1.532	294 10.88	1.471	344 12.82	-1.507		
245 9.05	1.617	295 10.92	0.594	345 12.86	-0.723		
246 9.09	0.734	296 10.95	-0.671	346 12.90	0.263		
247 9.12	0.475	297 10.98	-1.306	347 12.93	0.254		
248 9.17	0.461	298 11.02	-1.316				
249 9.20	0.452	299 11.07	0.157				
250 9.24	0.691	300 11.11	0.781				

Table IV D-30. Digitized Accelerations of Earthquake Record with Index Number 329

INDEX NO. 329	309-GR-16	OTOME BRIDGE	TR.	MAX. ACCEL. ±	13.317 (GAL)	T = 6.64 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-0.755	51 1.31	2.109	101 2.61	0.979	151 3.79	0.373
2 0.06	-3.016	52 1.34	2.104	102 2.64	0.948	152 3.61	1.145
3 0.09	-2.646	53 1.35	1.051	103 2.67	-0.031	153 3.62	1.866
4 0.12	-2.905	54 1.39	0.843	104 2.70	-0.267	154 3.65	1.862
5 0.16	-2.036	55 1.41	0.589	105 2.73	-1.919	155 3.68	1.605
6 0.19	-1.793	56 1.44	-0.039	106 2.76	-3.802	156 3.91	0.975
7 0.20	-1.420	57 1.48	-1.276	107 2.80	-3.607	157 3.94	-0.904
8 0.23	0.073	58 1.51	-1.927	108 2.83	-3.555	158 3.96	-4.285
9 0.25	1.943	59 1.54	-1.434	109 2.86	-3.192	159 3.99	-4.913
10 0.27	3.190	60 1.57	-0.440	110 2.88	-1.946	160 4.03	-5.547
11 0.28	4.188	61 1.60	-0.445	111 2.90	0.546	161 4.05	-4.675
12 0.32	4.431	62 1.62	-0.200	112 2.93	1.792	162 4.08	-3.181
13 0.34	4.426	63 1.65	-0.205	113 2.95	2.683	163 4.09	-0.934
14 0.36	3.547	64 1.67	-1.083	114 2.99	3.905	164 4.13	-1.161
15 0.38	2.293	65 1.69	-1.963	115 3.01	4.274	165 4.16	-2.175
16 0.41	1.662	66 1.71	-2.966	116 3.04	4.270	166 4.19	-1.296
17 0.43	1.033	67 1.73	-3.220	117 3.05	3.017	167 4.22	-0.334
18 0.45	-0.845	68 1.75	-3.600	118 3.08	0.512	168 4.24	-1.213
19 0.48	-2.974	69 1.77	-2.729	119 3.10	-1.615	169 4.27	-2.843
20 0.50	-4.228	70 1.79	-1.109	120 3.12	-4.119	170 4.29	-3.723
21 0.52	-4.359	71 1.83	0.382	121 3.13	-5.746	171 4.30	-4.725
22 0.56	-3.365	72 1.85	1.628	122 3.15	-7.626	172 4.33	-4.730
23 0.59	-2.745	73 1.88	2.250	123 3.17	-9.255	173 4.34	-3.483
24 0.60	-1.499	74 1.89	2.621	124 3.20	-9.636	174 4.37	0.512
25 0.63	0.369	75 1.90	2.368	125 3.23	-9.391	175 4.38	3.383
26 0.64	1.616	76 1.95	1.733	126 3.26	-8.146	176 4.39	5.255
27 0.66	1.863	77 1.97	1.105	127 3.28	-6.275	177 4.42	7.500
28 0.69	1.606	78 2.00	0.100	128 3.30	-3.789	178 4.44	8.495
29 0.72	2.226	79 2.03	-9.781	129 3.33	0.690	179 4.47	9.115
30 0.76	2.210	80 2.06	-1.162	130 3.35	1.963	180 4.50	9.735
31 0.79	1.337	81 2.08	-0.916	131 3.34	3.835	181 4.52	9.731
32 0.82	0.330	82 2.11	0.952	132 3.36	6.082	182 4.56	9.098
33 0.86	-0.309	83 2.13	1.572	133 3.38	7.704	183 4.58	8.220
34 0.90	-0.933	84 2.17	2.191	134 3.40	8.700	184 4.60	6.341
35 0.92	-1.186	85 2.20	1.935	135 3.43	8.694	185 4.62	3.461
36 0.96	-2.445	86 2.22	1.056	136 3.45	8.690	186 4.64	0.957
37 1.00	-3.076	87 2.25	-0.823	137 3.48	8.434	187 4.66	-2.295
38 1.03	-3.082	88 2.27	-2.077	138 3.50	7.429	188 4.68	-5.046
39 1.05	-2.587	89 2.29	-2.705	139 3.53	5.923	189 4.69	-7.301
40 1.08	-1.592	90 2.30	-3.333	140 3.56	4.044	190 4.72	-10.182
41 1.09	-0.095	91 2.32	-3.711	141 3.57	2.415	191 4.74	-11.185
42 1.12	1.523	92 2.33	-3.465	142 3.59	0.912	192 4.76	-12.440
43 1.15	2.392	93 2.35	-2.844	143 3.62	-2.966	193 4.78	-12.444
44 1.17	3.113	94 2.38	-0.975	144 3.64	-4.845	194 4.81	-9.950
45 1.19	3.384	95 2.42	0.442	145 3.68	-5.222	195 4.83	-6.577
46 1.20	3.631	96 2.44	-1.887	146 3.67	-3.727	196 4.84	-4.330
47 1.23	3.626	97 2.47	2.506	147 3.68	-2.479	197 4.86	-2.208
48 1.25	2.747	98 2.51	2.249	148 3.71	-1.483	198 4.87	2.661
49 1.26	1.869	99 2.54	1.868	149 3.74	-1.239	199 4.89	4.159
50 1.29	1.864	100 2.57	1.612	150 3.77	-0.871	200 4.90	6.532
INDEX NO. 329	309-GR-16	OTOME BRIDGE	TR.	MAX. ACCEL. ±	13.317 (GAL)	T = 6.64 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 4.91	7.780	251 5.91	-12.664	301 6.94	-3.740	351 8.07	-3.961
202 4.94	8.650	252 5.93	-12.918	302 6.97	-1.495	352 8.11	-2.969
203 4.95	8.166	253 5.95	-13.297	303 6.99	0.624	353 8.14	-2.350
204 4.98	6.516	254 5.97	-12.425	304 7.00	2.468	354 8.17	-1.480
205 5.00	4.012	255 5.99	-9.929	305 7.04	3.740	355 8.19	-0.138
206 5.03	-1.243	256 6.01	-5.183	306 7.07	4.108	356 8.22	1.007
207 5.06	-3.872	257 6.03	-2.438	307 7.10	3.478	357 8.25	2.003
208 5.07	-2.567	258 6.04	-0.440	308 7.13	3.222	358 8.28	1.746
209 5.08	-7.377	259 6.06	-2.056	309 7.16	2.217	359 8.31	1.115
210 5.10	-8.880	260 6.09	4.300	310 7.18	0.336	360 8.34	0.110
211 5.12	-8.885	261 6.11	5.919	311 7.21	-1.542	361 8.36	-0.767
212 5.14	-8.389	262 6.14	6.914	312 7.24	-2.424	362 8.39	-2.024
213 5.15	-7.141	263 6.17	8.409	313 7.27	-4.054	363 8.40	-2.401
214 5.18	-5.270	264 6.19	9.655	314 7.30	-5.310	364 8.42	-2.655
215 5.20	-3.026	265 6.20	9.652	315 7.33	-5.940	365 8.46	-1.161
216 5.23	-0.907	266 6.23	8.522	316 7.35	-5.320	366 8.48	-0.326
217 5.26	0.712	267 6.24	7.519	317 7.37	-4.074	367 8.51	0.326
218 5.28	4.456	268 6.27	5.389	318 7.39	-2.203	368 8.54	0.944
219 5.31	6.451	269 6.30	1.259	319 7.41	0.291	369 8.57	1.563
220 5.34	7.071	270 6.32	-1.494	320 7.43	2.787	370 8.62	1.503
221 5.36	7.067	271 6.34	-4.497	321 7.45	4.659	371 8.66	1.547
222 5.39	6.186	272 6.35	-8.502	322 7.47	6.656	372 8.69	0.414
223 5.41	5.183	273 6.38	-10.880	323 7.48	8.153	373 8.71	-0.837
224 5.42	4.304	274 6.39	-12.133	324 7.50	9.400	374 8.75	-2.720
225 5.44	3.051	275 6.42	-11.513	325 7.51	10.021	375 8.79	-3.103
226 5.47	1.796	276 6.44	-10.018	326 7.54	9.516	376 8.83	-3.109
227 5.49	0.542	277 6.46	-7.521	327 7.56	7.262	377 8.86	-2.866
228 5.51	-1.085	278 6.48	-5.651	328 7.57	4.509	378 8.89	-2.498
229 5.54	-2.716	279 6.51	-3.405	329 7.60	0.755	379 8.92	-2.252
230 5.56	-3.720	280 6.52	-1.783	330 7.61	-1.495	380 8.94	-1.632
231 5.58	-3.975	281 6.54	3.586	331 7.63	-5.300	381 8.97	-0.012
232 5.60	-3.729	282 6.56	5.083	332 7.65	-6.254	382 8.99	1.462
233 5.62	-2.403	283 6.58	9.578	333 7.67	-6.882	383 9.01	3.103
234 5.64	-0.361	284 6.60	10.824	334 7.69	-6.887	384 9.02	4.600
235 5.65	2.135	285 6.63	12.695	335 7.72	-4.766	385 9.05	6.595
236 5.66	4.008	286 6.64	13.317	336 7.74	-2.020	386 9.08	7.215
237 5.68	6.380	287 6.66	13.313	337 7.76	3.597	387 9.10	7.210
238 5.69	7.877	288 6.67	12.436	338 7.78	5.218	388 9.11	6.707
239 5.71	8.874	289 6.69	8.682	339 7.80	6.840	389 9.13	5.455
240 5.72	9.122	290 6.71	5.553	340 7.81	7.637	390 9.15	2.324
241 5.74	9.118	291 6.73	3.425	341 7.83	8.083	391 9.17	-0.178
242 5.75	6.615	292 6.74	0.924	342 7.86	6.954	392 9.21	-1.807
243 5.77	7.361	293 6.76	-2.079	343 7.88	4.450	393 9.21	-2.810
244 5.79	4.857	294 6.78	-4.833	344 7.90	1.571	394 9.24	-4.440
245 5.81	1.978	295 6.79	-6.460	345 7.91	0.318	395 9.26	-4.695
246 5.83	-2.774	296 6.82	-7.341	346 7.93	-1.559	396 9.30	-4.452
247 5.85	-4.652	297 6.86	-8.599	347 7.95	-2.936	397 9.33	-3.563
248 5.87	-7.761	298 6.88	-8.613	348 7.99	-4.195	398 9.36	-2.340
249 5.88	-9.263	299 6.90	-7.732	349 8.03	-4.202	399 9.39	-1.695
250 5.90	-11.411	300 6.93	-5.612	350 8.05	-3.057	400 9.42	-0.476

INDEX NO.	329	309-G4-16	OTOME BRIDGE	TR.	MAX.ACCEL.*	13.317(GAL)	T= 6.64(SEC)	NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	9.45	0.141	451	11.02	4.959	501	12.63	1.142
402	9.48	0.135	452	11.06	4.077	502	12.66	0.262
403	9.51	-0.119	453	11.09	3.195	503	12.70	-1.370
404	9.55	-1.626	454	11.13	1.313	504	12.72	-2.249
405	9.58	-2.083	455	11.16	-0.566	505	12.75	-3.254
406	9.62	-3.505	456	11.18	-2.946	506	12.78	-3.260
407	9.64	-3.520	457	11.21	-4.452	507	12.82	-3.019
408	9.68	-3.276	458	11.25	-4.458	508	12.86	-2.027
409	9.70	-2.656	459	11.28	-4.215	509	12.90	-1.409
410	9.74	-0.538	460	11.31	-3.595	510	12.93	-0.790
411	9.77	1.079	461	11.33	-1.723	511	12.95	-0.544
412	9.80	2.572	462	11.34	0.146			
413	9.83	3.617	463	11.37	2.266			
414	9.85	4.813	464	11.40	3.510			
415	9.89	4.554	465	11.42	4.132			
416	9.93	4.171	466	11.45	4.126			
417	9.96	3.581	467	11.48	3.245			
418	9.99	2.661	468	11.50	1.991			
419	10.02	1.405	469	11.53	0.110			
420	10.05	0.774	470	11.55	-1.143			
421	10.08	0.393	471	11.58	-3.023			
422	10.11	-1.485	472	11.59	-3.901			
423	10.13	-2.365	473	11.62	-4.281			
424	10.16	-3.372	474	11.65	-4.536			
425	10.18	-4.000	475	11.67	-4.041			
426	10.22	-4.257	476	11.71	-1.548			
427	10.24	-4.806	477	11.73	0.071			
428	10.27	-5.267	478	11.76	1.940			
429	10.29	-4.647	479	11.78	3.436			
430	10.31	-3.776	480	11.81	4.431			
431	10.36	-1.786	481	11.84	4.173			
432	10.39	-0.041	482	11.88	2.221			
433	10.43	1.200	483	11.92	0.410			
434	10.47	2.817	484	11.95	-0.595			
435	10.51	3.058	485	11.97	-1.223			
436	10.56	3.049	486	12.00	-1.056			
437	10.59	2.542	487	12.05	-1.616			
438	10.63	1.535	488	12.09	-1.249			
439	10.66	0.654	489	12.14	-1.009			
440	10.70	0.272	490	12.21	0.226			
441	10.73	-0.357	491	12.26	0.842			
442	10.77	-1.239	492	12.30	0.832			
443	10.79	-1.868	493	12.35	1.449			
444	10.82	-2.500	494	12.40	1.439			
445	10.84	-3.128	495	12.43	1.807			
446	10.85	-2.881	496	12.48	1.796			
447	10.90	-1.390	497	12.52	1.790			
448	10.93	0.477	498	12.55	1.534			
449	10.96	2.970	499	12.58	1.528			
450	10.98	4.216	500	12.60	1.398			

Table IV D-31. Digitized Accelerations of Earthquake Record with Index Number 330

INDEX NO.	330	907-GR-31	TAIRA BRIDGE	TR.	MAX. ACCEL. = -6.886 (GAL)	T = 3.57 (SEC)	NO.	1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	-5.173	51	0.86	-0.725	101	1.73	2.597
2	0.02	-2.299	52	0.87	-0.975	102	1.74	4.221
3	0.03	1.323	53	0.89	-0.726	103	1.76	4.470
4	0.05	2.322	54	0.91	0.146	104	1.78	4.219
5	0.06	-0.427	55	0.93	0.145	105	1.79	4.468
6	0.07	-3.302	56	0.95	0.144	106	1.81	5.092
7	0.09	-5.178	57	0.96	0.143	107	1.83	6.341
8	0.10	-5.429	58	0.98	0.517	108	1.86	6.465
9	0.12	-4.305	59	1.00	2.640	109	1.87	5.214
10	0.13	-3.681	60	1.01	4.514	110	1.89	4.589
11	0.15	-3.307	61	1.03	4.264	111	1.91	4.461
12	0.17	-3.558	62	1.04	3.388	112	1.94	4.209
13	0.18	-3.934	63	1.05	2.387	113	1.95	2.959
14	0.19	-3.310	64	1.07	0.262	114	1.97	1.083
15	0.21	-2.050	65	1.09	0.760	115	1.99	-0.791
16	0.22	0.688	66	1.11	1.384	116	2.02	-2.910
17	0.24	1.311	67	1.12	1.133	117	2.04	-4.170
18	0.25	1.685	68	1.14	0.257	118	2.06	-5.296
19	0.27	1.684	69	1.17	-0.742	119	2.10	-6.173
20	0.28	2.683	70	1.19	-0.994	120	2.13	-6.175
21	0.29	2.653	71	1.21	-0.495	121	2.16	-5.051
22	0.31	2.682	72	1.23	0.127	122	2.19	-3.428
23	0.32	2.181	73	1.25	0.126	123	2.21	-1.554
24	0.34	-0.068	74	1.26	-0.998	124	2.23	-0.306
25	0.35	-0.319	75	1.27	-2.874	125	2.25	1.016
26	0.36	-0.695	76	1.29	-4.750	126	2.26	4.190
27	0.38	-0.970	77	1.30	-5.251	127	2.28	4.189
28	0.40	0.176	78	1.33	-4.627	128	2.31	4.438
29	0.41	-0.322	79	1.34	-3.753	129	2.33	4.438
30	0.43	-1.947	80	1.35	-1.879	130	2.35	3.310
31	0.46	-4.076	81	1.37	0.994	131	2.36	2.309
32	0.48	-5.202	82	1.38	1.060	132	2.38	0.808
33	0.50	-5.828	83	1.39	3.242	133	2.40	-2.066
34	0.52	-5.629	84	1.41	3.241	134	2.42	-3.567
35	0.53	-4.530	85	1.43	2.115	135	2.44	-5.318
36	0.55	-2.081	86	1.45	1.739	136	2.46	-5.319
37	0.57	1.916	87	1.47	1.487	137	2.49	-6.076
38	0.58	3.916	88	1.49	0.861	138	2.51	-4.440
39	0.60	6.164	89	1.50	-0.138	139	2.53	-3.448
40	0.62	4.663	90	1.52	-2.889	140	2.55	-1.950
41	0.65	4.937	91	1.53	-4.514	141	2.56	-1.325
42	0.67	3.660	92	1.54	-5.265	142	2.58	-0.076
43	0.69	2.409	93	1.57	-5.016	143	2.60	0.545
44	0.72	1.157	94	1.59	-4.043	144	2.62	1.544
45	0.73	-0.092	95	1.61	-4.644	145	2.63	3.168
46	0.75	-0.963	96	1.62	-4.894	146	2.64	4.793
47	0.78	-2.217	97	1.64	-5.646	147	2.66	6.042
48	0.80	-2.846	98	1.67	-3.397	148	2.67	6.041
49	0.83	-1.972	99	1.69	-1.274	149	2.69	4.790
50	0.84	-1.343	100	1.71	0.973	150	2.70	3.289
101	3.41	3.497						
102	3.42	3.746						
103	3.44	3.745						
104	3.46	2.859						
105	3.49	1.367						
106	3.51	-0.507						
107	3.52	-2.383						
108	3.54	-4.259						
109	3.57	-6.086						
110	3.59	-5.762						
111	3.62	-4.514						
112	3.65	-2.640						
113	3.66	-1.016						
114	3.68	0.855						
115	3.70	2.104						
116	3.72	3.728						
117	3.73	3.727						
118	3.75	3.726						
119	3.78	3.225						
120	3.80	3.473						

INDEX NO.	330	907-GR-31	TAIRA BRIDGE	TR.	MAX. ACCEL. *	-6.886 (GAL)	T = 3.57 (SEC)	NO. 2			
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)		
201	3.02	2.847	251	4.95	0.905	301	6.30	1.450	351	7.91	0.104
202	3.04	2.221	252	4.98	2.153	302	6.32	1.199	352	7.93	0.102
203	3.07	-0.279	253	5.00	2.152	303	6.35	0.572	353	7.95	0.101
204	3.09	-1.760	254	5.02	1.901	304	6.39	-0.678	354	7.99	-0.274
205	3.02	-3.032	255	5.06	0.649	305	6.42	-1.680	355	8.02	-1.776
206	3.04	-3.658	256	5.09	0.272	306	6.45	-1.432	356	8.06	-3.278
207	3.07	-4.035	257	5.12	-0.353	307	6.48	0.189	357	8.08	-3.905
208	3.09	-3.161	258	5.15	-0.980	308	6.51	1.438	358	8.11	-3.656
209	4.00	-1.912	259	5.19	-0.107	309	6.53	2.636	359	8.15	-2.409
210	4.02	-0.913	260	5.22	0.889	310	6.56	3.310	360	8.18	-0.536
211	4.04	-0.664	261	5.24	2.388	311	6.60	3.058	361	8.22	0.961
212	4.07	-0.666	262	5.27	2.386	312	6.65	2.055	362	8.26	1.333
213	4.09	-0.292	263	5.30	2.134	313	6.68	0.803	363	8.30	2.580
214	4.12	0.329	264	5.33	1.257	314	6.73	-0.448	364	8.32	3.454
215	4.15	0.570	265	5.36	0.631	315	6.76	-0.450	365	8.35	2.952
216	4.16	0.577	266	5.37	0.650	316	6.81	0.795	366	8.38	1.075
217	4.18	0.576	267	5.40	-0.619	317	6.84	1.044	367	8.41	-0.175
218	4.20	0.074	268	5.42	-1.246	318	6.88	1.041	368	8.46	0.071
219	4.23	-1.175	269	5.45	-1.623	319	6.92	0.789	369	8.51	1.568
220	4.25	-1.301	270	5.46	-1.624	320	6.96	1.037	370	8.53	2.586
221	4.27	-0.927	271	5.50	-1.076	321	7.00	1.659	371	8.58	2.564
222	4.29	-0.679	272	5.53	-1.077	322	7.03	1.657	372	8.61	2.563
223	4.31	-0.930	273	5.56	-1.379	323	7.07	2.280	373	8.65	1.935
224	4.34	-1.102	274	5.59	-0.756	324	7.09	2.280	374	8.68	1.308
225	4.37	-1.558	275	5.61	0.866	325	7.12	2.027	375	8.71	1.056
226	4.38	-1.559	276	5.63	1.490	326	7.16	1.150	376	8.74	0.679
227	4.42	-2.436	277	5.65	2.363	327	7.19	0.525	377	8.77	0.677
228	4.45	-2.188	278	5.67	2.737	328	7.21	-0.101	378	8.80	0.425
229	4.47	-1.564	279	5.70	2.485	329	7.24	-1.104	379	8.84	0.424
230	4.49	-1.315	280	5.72	1.484	330	7.29	-1.106	380	8.88	0.046
231	4.51	-0.067	281	5.75	0.607	331	7.34	-0.484	381	8.92	-0.830
232	4.52	0.556	282	5.78	-0.017	332	7.37	0.307	382	8.94	-1.456
233	4.53	1.555	283	5.81	-0.019	333	7.42	1.634	383	8.97	-2.458
234	4.56	2.178	284	5.84	0.227	334	7.44	1.302	384	9.01	-2.460
235	4.58	1.552	285	5.86	0.476	335	7.48	0.755	385	9.04	-1.837
236	4.61	1.800	286	5.89	0.850	336	7.50	-0.119	386	9.08	-0.589
237	4.62	2.425	287	5.91	0.648	337	7.54	-1.747	387	9.12	1.282
238	4.65	3.423	288	5.93	0.596	338	7.58	-2.909	388	9.15	2.155
239	4.67	3.172	289	5.96	0.220	339	7.60	-3.000	389	9.19	2.770
240	4.69	1.920	290	5.98	0.219	340	7.62	-1.127	390	9.23	1.900
241	4.72	-0.329	291	6.00	0.218	341	7.64	0.120	391	9.27	1.023
242	4.74	-0.581	292	6.03	-1.032	342	7.66	0.744	392	9.30	0.021
243	4.77	-0.957	293	6.05	-1.034	343	7.68	2.618	393	9.34	-0.055
244	4.79	-1.834	294	6.09	-0.411	344	7.70	3.241	394	9.38	-0.357
245	4.82	-2.210	295	6.10	-0.161	345	7.72	3.240	395	9.42	0.888
246	4.84	-3.086	296	6.12	0.461	346	7.75	2.613	396	9.46	1.261
247	4.85	-3.715	297	6.15	1.459	347	7.77	2.612	397	9.50	1.509
248	4.89	-2.589	298	6.20	2.706	348	7.81	1.985	398	9.52	1.257
249	4.90	-1.340	299	6.23	3.329	349	7.84	1.733	399	9.57	0.380
250	4.92	-0.341	300	6.25	3.078	350	7.88	0.480	400	9.60	-0.870

INDEX NO.	330	907-GR-31	TAIRA BRIDGE	TR.	MAX.ACCEL.*	-6.886(GAL)	T=	3.57(SEC)			NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	9.64	-1.873	451	11.36	-2.226	501	13.07	2.919	551	14.83	0.563
402	9.68	-1.875	452	11.38	-2.602	502	13.10	2.042	552	14.86	2.186
403	9.72	-0.627	453	11.40	-2.604	503	13.14	-0.208	553	14.89	1.559
404	9.77	0.868	454	11.44	-1.731	504	13.17	-2.084	554	14.93	0.057
405	9.80	1.241	455	11.48	-1.108	505	13.21	-2.087	555	14.98	-0.569
406	9.83	0.989	456	11.52	-0.485	506	13.24	-1.214			
407	9.87	-0.261	457	11.55	0.512	507	13.29	0.031			
408	9.92	-0.639	458	11.58	1.759	508	13.33	1.279			
409	9.95	-0.391	459	11.60	1.757	509	13.36	1.652			
410	9.99	-0.393	460	11.63	0.881	510	13.41	1.024			
411	10.02	0.228	461	11.67	0.253	511	13.45	-0.851			
412	10.05	1.226	462	11.70	-0.122	512	13.47	-2.103			
413	10.08	1.474	463	11.74	-0.999	513	13.49	-2.729			
414	10.11	1.472	464	11.77	-0.751	514	13.53	-2.981			
415	10.13	1.471	465	11.81	1.370	515	13.56	-2.483			
416	10.19	0.968	466	11.86	2.992	516	13.59	-0.860			
417	10.23	0.590	467	11.89	3.240	517	13.62	0.367			
418	10.26	0.587	468	11.92	2.988	518	13.65	0.635			
419	10.31	0.836	469	11.95	2.112	519	13.69	1.007			
420	10.35	1.208	470	11.99	0.235	520	13.73	0.755			
421	10.36	1.207	471	12.02	-0.390	521	13.77	-1.121			
422	10.41	0.329	472	12.05	-1.017	522	13.81	-2.373			
423	10.45	-1.922	473	12.08	-1.019	523	13.85	-2.751			
424	10.49	-3.174	474	12.13	-0.772	524	13.89	-1.878			
425	10.52	-4.051	475	12.15	-0.149	525	13.93	-0.681			
426	10.56	-3.553	476	12.19	0.097	526	13.98	-0.008			
427	10.59	-2.555	477	12.22	0.471	527	14.03	0.361			
428	10.62	-1.682	478	12.25	-3.405	528	14.08	0.109			
429	10.65	-0.059	479	12.28	-1.406	529	14.12	0.106			
430	10.69	1.813	480	12.30	-2.282	530	14.15	0.104			
431	10.71	3.061	481	12.34	-3.535	531	14.19	0.602			
432	10.73	4.310	482	12.39	-2.683	532	14.23	1.224			
433	10.76	4.058	483	12.42	-1.414	533	14.25	1.598			
434	10.78	2.807	484	12.44	-0.166	534	14.29	1.346			
435	10.81	0.555	485	12.46	0.706	535	14.32	0.719			
436	10.83	-0.694	486	12.51	0.703	536	14.36	-1.532			
437	10.87	-1.572	487	12.55	0.200	537	14.40	-3.034			
438	10.91	-1.324	488	12.59	-0.424	538	14.43	-3.660			
439	10.95	0.546	489	12.63	-0.802	539	14.45	-3.662			
440	10.99	2.419	490	12.66	-2.054	540	14.49	-3.164			
441	11.01	3.293	491	12.71	-1.182	541	14.53	-1.541			
442	11.03	3.291	492	12.75	-0.184	542	14.56	-0.688			
443	11.06	1.339	493	12.78	-1.083	543	14.59	-0.671			
444	11.11	0.537	494	12.80	1.061	544	14.63	-0.674			
445	11.15	-0.338	495	12.84	-0.190	545	14.67	-0.675			
446	11.19	-0.716	496	12.88	-1.442	546	14.70	-0.927			
447	11.22	-0.715	497	12.93	-1.445	547	14.72	-1.178			
448	11.25	-0.720	498	12.97	-0.822	548	14.75	-1.555			
449	11.29	-0.472	499	13.01	1.040	549	14.77	-1.306			
450	11.32	-1.349	500	13.04	2.296	550	14.82	-1.309			

Table IV D-32. Digitized Accelerations of Earthquake Record with Index Number 331

INDEX NO. 331	907-GR-31	TAIRA BRIDGE	U-D	MAX. ACCEL. **	5.361 (GAL)	T = 1.01 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-1.784	51 0.87	-3.016	101 1.86	2.138	151 2.90	0.170
2 0.02	1.080	52 0.92	-2.395	102 1.88	0.138	152 2.92	-0.702
3 0.04	2.339	53 0.94	-0.264	103 1.89	0.784	153 2.95	-2.326
4 0.05	1.766	54 0.95	2.234	104 1.91	1.389	154 2.98	-2.950
5 0.07	0.456	55 0.96	3.404	105 1.93	2.265	155 3.01	-2.659
6 0.08	-0.541	56 0.97	4.485	106 1.94	2.265	156 3.04	-1.073
7 0.09	-1.416	57 0.97	5.110	107 1.95	2.016	157 3.06	-0.197
8 0.10	-1.791	58 1.01	5.361	108 1.97	1.391	158 3.09	0.802
9 0.13	-1.540	59 1.02	3.081	109 1.98	0.517	159 3.11	1.427
10 0.17	-0.539	60 1.03	2.986	110 2.00	-0.106	160 3.12	1.677
11 0.20	0.711	61 1.04	1.907	111 2.02	-1.105	161 3.14	2.678
12 0.22	0.711	62 1.05	1.112	112 2.03	-2.355	162 3.16	2.429
13 0.23	0.461	63 1.07	-0.510	113 2.04	-2.605	163 3.19	1.180
14 0.25	0.462	64 1.08	-1.385	114 2.06	-2.104	164 3.21	0.555
15 0.27	1.338	65 1.10	-1.134	115 2.09	-0.853	165 3.24	-0.067
16 0.29	1.338	66 1.11	0.739	116 2.11	0.146	166 3.26	-1.316
17 0.30	1.089	67 1.15	1.365	117 2.14	0.147	167 3.28	-1.941
18 0.31	0.464	68 1.16	1.116	118 2.16	-0.101	168 3.31	-2.940
19 0.33	-0.534	69 1.18	0.491	119 2.19	-0.725	169 3.33	-3.814
20 0.34	-1.158	70 1.19	-0.131	120 2.21	-0.475	170 3.35	-4.438
21 0.36	-0.908	71 1.21	-1.131	121 2.24	0.150	171 3.39	-3.313
22 0.37	-0.282	72 1.23	-2.005	122 2.26	1.025	172 3.41	-2.061
23 0.39	0.716	73 1.25	-3.005	123 2.28	1.651	173 3.43	-1.061
24 0.40	0.467	74 1.28	-0.878	124 2.30	2.652	174 3.45	-0.810
25 0.41	-0.156	75 1.32	1.371	125 2.35	3.277	175 3.49	-0.434
26 0.43	-1.405	76 1.34	1.371	126 2.35	3.528	176 3.52	-0.433
27 0.45	-2.030	77 1.36	1.122	127 2.36	3.280	177 3.54	-0.182
28 0.48	-0.448	78 1.39	0.498	128 2.38	2.030	178 3.57	0.817
29 0.50	1.970	79 1.42	-0.124	129 2.41	0.780	179 3.59	1.442
30 0.51	2.595	80 1.43	-0.124	130 2.42	-0.093	180 3.61	2.068
31 0.53	3.471	81 1.44	0.125	131 2.44	-0.717	181 3.63	1.444
32 0.54	0.096	82 1.49	0.126	132 2.46	-1.716	182 3.65	0.819
33 0.56	4.122	83 1.51	0.752	133 2.47	-2.341	183 3.66	-0.053
34 0.57	4.222	84 1.52	1.002	134 2.50	-3.215	184 3.69	-1.677
35 0.59	3.223	85 1.54	1.003	135 2.52	-3.840	185 3.72	-1.927
36 0.61	1.723	86 1.56	0.753	136 2.54	-3.339	186 3.73	-1.676
37 0.62	0.473	87 1.58	0.504	137 2.56	-2.088	187 3.76	-1.075
38 0.63	-0.524	88 1.60	-0.493	138 2.59	-0.462	188 3.77	-2.300
39 0.65	-1.723	89 1.62	-1.368	139 2.61	0.786	189 3.79	-2.924
40 0.67	-2.023	90 1.63	-2.368	140 2.63	1.662	190 3.81	-3.799
41 0.70	-2.022	91 1.67	-1.491	141 2.65	2.038	191 3.84	-1.288
42 0.72	-1.771	92 1.69	0.132	142 2.68	1.788	192 3.86	-1.672
43 0.74	-1.146	93 1.71	0.758	143 2.71	1.414	193 3.88	-0.172
44 0.77	-1.125	94 1.72	0.758	144 2.73	1.665	194 3.90	0.827
45 0.79	-0.694	95 1.74	0.134	145 2.74	2.041	195 3.92	1.078
46 0.81	-0.269	96 1.76	-0.738	146 2.76	1.416	196 3.95	1.079
47 0.82	-0.258	97 1.78	-0.738	147 2.79	0.167	197 3.97	1.079
48 0.84	-0.517	98 1.80	-0.237	148 2.81	-0.455	198 4.00	0.205
49 0.86	-1.767	99 1.82	0.387	149 2.84	-0.454	199 4.01	-0.417
50 0.88	-2.641	100 1.83	0.762	150 2.87	0.170	200 4.04	-1.667
INDEX NO. 331	907-GR-31	TAIRA BRIDGE	U-D	MAX. ACCEL. **	5.361 (GAL)	T = 1.01 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 4.06	-2.916	251 5.40	-1.249	301 6.85	0.545	351 8.21	-0.035
202 4.08	-3.165	252 5.43	-1.248	302 6.87	0.545	352 8.24	0.589
203 4.11	-2.914	253 5.47	-1.572	303 6.89	0.546	353 8.27	0.965
204 4.14	-2.038	254 5.51	-1.572	304 6.92	0.046	354 8.29	0.966
205 4.16	-1.413	255 5.54	-0.994	305 6.95	0.047	355 8.32	0.966
206 4.19	-1.037	256 5.57	-0.568	306 6.98	0.048	356 8.34	0.967
207 4.22	-1.661	257 5.60	-0.367	307 7.00	-0.324	357 8.36	0.343
208 4.23	-1.668	258 5.62	-0.492	308 7.03	-0.323	358 8.38	-0.280
209 4.26	-1.035	259 5.64	-1.616	309 7.05	-0.322	359 8.43	-1.153
210 4.27	-0.159	260 5.67	-0.565	310 7.07	-0.322	360 8.46	-0.902
211 4.30	1.090	261 5.69	-0.114	311 7.08	-0.321	361 8.50	-0.651
212 4.32	1.090	262 5.71	0.259	312 7.12	0.653	362 8.53	-0.275
213 4.35	0.216	263 5.74	0.010	313 7.15	0.304	363 8.58	0.975
214 4.38	-0.656	264 5.76	-0.362	314 7.18	0.930	364 8.60	1.600
215 4.41	-1.030	265 5.78	-0.361	315 7.20	1.181	365 8.64	0.101
216 4.44	-1.030	266 5.81	-0.611	316 7.23	0.931	366 8.66	-0.886
217 4.47	0.220	267 5.84	-0.985	317 7.26	0.057	367 8.69	-1.145
218 4.49	0.846	268 5.86	-0.734	318 7.29	-0.565	368 8.72	-0.644
219 4.52	1.097	269 5.87	-0.109	319 7.32	-0.939	369 8.76	0.355
220 4.54	0.597	270 5.91	-0.983	320 7.34	-1.188	370 8.79	1.231
221 4.58	-1.275	271 5.93	-0.732	321 7.36	-0.688	371 8.82	1.667
222 4.61	-2.274	272 5.95	0.517	322 7.39	0.313	372 8.85	1.858
223 4.64	-2.523	273 5.98	1.143	323 7.41	1.188	373 8.88	1.609
224 4.67	-2.022	274 6.00	1.518	324 7.43	1.563	374 8.91	0.985
225 4.70	-1.396	275 6.03	0.269	325 7.46	-0.689	375 8.93	0.361
226 4.72	-0.145	276 6.08	-1.227	326 7.48	-0.308	376 8.96	-0.261
227 4.74	0.479	277 6.12	-1.601	327 7.52	-0.557	377 8.99	-0.510
228 4.77	0.230	278 6.15	-0.975	328 7.55	-0.556	378 9.04	0.614
229 4.81	-1.017	279 6.18	-0.725	329 7.58	-0.305	379 9.08	0.615
230 4.83	-1.267	280 6.22	-0.598	330 7.62	-0.304	380 9.12	0.992
231 4.87	-1.265	281 6.25	-0.597	331 7.64	-0.653	381 9.14	0.742
232 4.91	-1.264	282 6.29	0.277	332 7.67	0.321	382 9.18	0.369
233 4.94	-1.013	283 6.31	0.528	333 7.69	1.197	383 9.21	0.119
234 4.96	-1.013	284 6.35	0.529	334 7.72	1.197	384 9.23	-0.253
235 4.97	-1.387	285 6.38	0.280	335 7.75	0.699	385 9.27	-0.002
236 5.00	0.237	286 6.41	0.531	336 7.79	-0.209	386 9.29	0.998
237 5.02	0.237	287 6.44	1.157	337 7.81	-0.648	387 9.30	0.998
238 5.06	0.449	288 6.47	0.658	338 7.85	-0.046	388 9.33	0.998
239 5.08	1.114	289 6.49	-0.589	339 7.87	-0.046	389 9.35	0.749
240 5.10	6.865	290 6.52	-0.964	340 7.90	0.578	390 9.38	0.125
241 5.12	-0.307	291 6.55	-1.588	341 7.93	1.579	391 9.40	-0.497
242 5.15	-0.301	292 6.58	-1.587	342 7.96	0.555	392 9.43	-1.121
243 5.19	-1.255	293 6.61	-0.711	343 7.99	-0.292	393 9.47	-0.870
244 5.22	-2.254	294 6.63	0.288	344 8.00	-0.542	394 9.51	0.379
245 5.24	-2.254	295 6.65	0.013	345 8.03	-0.915	395 9.54	1.255
246 5.27	-1.378	296 6.69	0.665	346 8.06	-0.041	396 9.57	1.631
247 5.29	-1.002	297 6.72	0.291	347 8.08	0.334	397 9.61	1.632
248 5.32	-0.751	298 6.76	0.292	348 8.11	0.961	398 9.64	1.383
249 5.34	-0.375	299 6.80	0.543	349 8.14	0.711	399 9.68	0.759
250 5.37	-0.999	300 6.83	0.544	350 8.18	0.067	400 9.71	0.135

INDEX NO.	331	9C7-GR-31	TAIRA BRIDGE	U-D	MAX. ACCEL. *	5.361 (GAL)	T: 1.00 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
401	9.73	-0.237	451	11.28	-0.188	501	13.27	-1.025
402	9.78	0.013	452	11.32	0.053	502	13.31	-1.123
403	9.80	-0.235	453	11.36	0.053	503	13.34	-0.497
404	9.83	-0.234	454	11.39	0.689	504	13.38	0.127
405	9.85	-0.233	455	11.42	1.265	505	13.41	0.503
406	9.90	-0.232	456	11.46	0.816	506	13.44	0.504
407	9.92	0.017	457	11.49	0.442	507	13.49	0.256
408	9.95	1.018	458	11.53	1.068	508	13.52	0.257
409	9.97	1.694	459	11.56	1.944	509	13.55	0.258
410	10.00	2.270	460	11.61	1.446	510	13.59	0.259
411	10.03	2.271	461	11.62	0.822	511	13.62	-0.363
412	10.05	2.021	462	11.66	0.822	512	13.66	-0.737
413	10.08	1.022	463	11.70	0.199	513	13.69	0.512
414	10.10	0.398	464	11.74	-0.423	514	13.73	0.513
415	10.12	0.149	465	11.77	-0.797	515	13.77	0.514
416	10.15	0.149	466	11.79	-0.796	516	13.79	0.515
417	10.18	-0.223	467	11.83	0.078	517	13.84	-0.106
418	10.23	-0.471	468	11.89	1.000	518	13.87	-0.355
419	10.24	0.027	469	11.92	1.331	519	13.91	-0.979
420	10.29	-0.219	470	11.95	1.707	520	13.94	-1.603
421	10.32	0.030	471	12.00	1.708	521	13.99	-1.351
422	10.36	-0.217	472	12.04	1.709	522	14.01	-1.101
423	10.39	0.407	473	12.10	0.461	523	14.08	-1.099
424	10.41	1.033	474	12.14	0.213	524	14.11	-1.098
425	10.43	1.033	475	12.18	-0.784	525	14.15	-0.721
426	10.45	1.034	476	12.22	-0.783	526	14.18	-0.470
427	10.47	1.035	477	12.26	0.466	527	14.22	-0.094
428	10.50	0.411	478	12.31	0.468	528	14.25	-0.093
429	10.54	0.162	479	12.36	0.720	529	14.30	-0.342
430	10.56	0.162	480	12.41	1.076	530	14.32	-0.341
431	10.61	-0.459	481	12.43	1.097	531	14.36	-0.715
432	10.63	-1.083	482	12.47	0.848	532	14.39	-1.339
433	10.68	-0.207	483	12.51	0.224	533	14.42	-1.588
434	10.71	0.667	484	12.55	-0.147	534	14.46	-1.761
435	10.75	0.668	485	12.60	-0.771	535	14.50	-1.085
436	10.78	0.419	486	12.63	-1.020	536	14.54	-0.459
437	10.82	-0.421	487	12.69	-0.518	537	14.59	-0.457
438	10.85	0.172	488	12.72	0.106	538	14.64	-0.456
439	10.88	0.173	489	12.75	0.732	539	14.68	-0.080
440	10.93	0.174	490	12.79	1.108	540	14.72	-0.703
441	10.96	0.175	491	12.82	1.734	541	14.76	-0.702
442	10.99	0.676	492	12.84	1.485	542	14.79	-0.701
443	11.02	1.052	493	12.89	0.486	543	14.82	-0.700
444	11.06	1.678	494	12.93	0.488	544	14.86	-0.449
445	11.08	1.429	495	12.95	1.384	545	14.90	-0.072
446	11.10	1.055	496	13.01	1.115	546	14.92	-0.072
447	11.13	0.431	497	13.05	0.867			
448	11.17	0.441	498	13.10	-0.130			
449	11.21	-1.065	499	13.14	-0.753			
450	11.24	-0.014	500	13.22	-1.626			

Table IV D-33. Digitized Accelerations of Earthquake Record with Index Number 332

INDEX NO.	332	907-GR-31	TAIRA BRIDGE	LG.	MAX. ACCEL. *	9.817 (GAL)	T: 1.00 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
1	0.0	4.065	51	0.81	-2.216	101	1.87	-1.018
2	0.02	4.384	52	0.83	-4.088	102	1.94	-0.756
3	0.03	-2.235	53	0.85	-4.959	103	1.97	-1.999
4	0.05	-5.492	54	0.87	-4.455	104	1.99	-2.620
5	0.07	-4.229	55	0.88	-4.077	105	2.01	-1.367
6	0.09	-1.101	56	0.90	-4.074	106	2.03	-0.510
7	0.10	0.774	57	0.93	-1.944	107	2.05	-1.139
8	0.11	2.277	58	0.94	2.182	108	2.08	0.066
9	0.14	2.907	59	0.95	6.059	109	2.11	1.149
10	0.15	3.910	60	0.96	7.560	110	2.13	0.904
11	0.17	3.287	61	0.98	8.613	111	2.15	-0.340
12	0.18	2.415	62	1.00	9.817	112	2.18	-1.336
13	0.20	1.169	63	1.02	9.197	113	2.20	-1.582
14	0.22	2.047	64	1.03	8.327	114	2.22	-1.577
15	0.24	2.552	65	1.06	6.079	115	2.24	-1.324
16	0.26	2.429	66	1.10	1.710	116	2.25	0.177
17	0.26	0.183	67	1.12	-1.408	117	2.27	2.054
18	0.29	-1.313	68	1.14	-2.405	118	2.28	3.367
19	0.30	-0.436	69	1.17	-3.649	119	2.30	3.686
20	0.32	0.815	70	1.19	-4.895	120	2.33	0.566
21	0.33	2.693	71	1.22	-4.389	121	2.35	-1.554
22	0.35	4.196	72	1.24	-3.136	122	2.36	-3.801
23	0.36	4.573	73	1.26	-1.882	123	2.38	-5.673
24	0.37	3.325	74	1.28	-1.254	124	2.39	-6.296
25	0.39	2.076	75	1.29	-0.626	125	2.42	-4.791
26	0.41	3.521	76	1.32	-0.621	126	2.43	-4.789
27	0.42	-0.939	77	1.34	0.382	127	2.45	-3.784
28	0.44	-1.295	78	1.36	1.260	128	2.48	-3.530
29	0.46	-1.656	79	1.38	1.263	129	2.50	-3.525
30	0.46	-2.276	80	1.40	0.391	130	2.52	-2.271
31	0.50	-1.025	81	1.42	-0.478	131	2.54	-0.643
32	0.51	0.476	82	1.44	0.024	132	2.55	0.859
33	0.52	1.728	83	1.45	0.452	133	2.56	2.465
34	0.54	3.356	84	1.47	1.031	134	2.58	3.988
35	0.55	2.100	85	1.50	-0.212	135	2.60	-4.242
36	0.56	0.661	86	1.52	-2.333	136	2.63	3.497
37	0.56	-0.635	87	1.55	-4.578	137	2.65	1.076
38	0.59	-1.607	88	1.57	-3.950	138	2.67	-0.617
39	0.61	-1.003	89	1.59	-3.321	139	2.71	-2.486
40	0.63	-0.999	90	1.62	-2.690	140	2.72	-2.484
41	0.65	-0.746	91	1.64	-2.438	141	2.74	-3.105
42	0.66	-0.369	92	1.66	-0.807	142	2.77	-3.724
43	0.68	1.509	93	1.66	0.695	143	2.79	-3.095
44	0.69	1.510	94	1.71	-1.950	144	2.82	-1.215
45	0.71	0.638	95	1.74	2.580	145	2.85	-0.288
46	0.73	-1.855	96	1.76	3.635	146	2.87	1.492
47	0.75	-2.478	97	1.78	4.464	147	2.89	1.920
48	0.77	-1.597	98	1.80	4.591	148	2.90	2.172
49	0.78	-1.547	99	1.83	1.722	149	2.91	3.425
50	0.82	-1.211	100	1.85	-0.397	150	2.93	4.179
101	3.89					191	3.89	5.109
102	3.91					192	3.91	3.468
103	3.93					193	3.93	1.991
104	3.96					194	3.96	-0.252
105	3.97					195	3.97	-1.124
106	3.99					196	3.99	-1.120
107	4.01					197	4.01	-1.491
108	4.04					198	4.04	-2.237
109	4.05					199	4.05	-2.659
200	4.07					200	4.07	-3.731

INDEX NO.	332	907-GH-31	TAIRA BRIDGE	LG.	MAX. ACCEL. =	9.817 (GAL)	T = 1.00 (SEC)	NO. 2	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201	4.609	-4.352	251	5.22	-5.142	301	6.47	351	7.59
202	4.11	-3.224	252	5.23	-5.369	302	6.51	352	7.93
203	4.14	-1.344	253	5.26	-4.259	303	6.53	353	7.95
204	4.15	0.533	254	5.28	-3.036	304	6.60	354	7.98
205	4.19	2.164	255	5.30	-1.377	305	6.62	355	8.01
206	4.21	2.793	256	5.33	0.126	306	6.65	356	8.02
207	4.24	3.050	257	5.35	1.131	307	6.68	357	8.04
208	4.27	2.403	258	5.37	1.385	308	6.72	358	8.05
209	4.29	1.933	259	5.40	1.140	309	6.76	359	8.08
210	4.36	0.936	260	5.42	0.269	310	6.79	360	8.11
211	4.43	-0.557	261	5.45	-0.347	311	6.82	361	8.14
212	4.36	-1.802	262	5.47	-0.719	312	6.86	362	8.16
213	4.38	-2.424	263	5.50	-0.964	313	6.89	363	8.17
214	4.40	-1.920	264	5.52	-2.585	314	6.93	364	8.19
215	4.42	-1.561	265	5.54	-3.456	315	6.96	365	8.22
216	4.44	-0.286	266	5.56	-4.079	316	6.99	366	8.24
217	4.47	-0.332	267	5.57	-3.625	317	7.02	367	8.28
218	4.49	-0.902	268	5.59	-2.322	318	7.03	368	8.29
219	4.51	-1.774	269	5.61	-1.068	319	7.07	369	8.32
220	4.54	-2.143	270	5.63	0.183	320	7.10	370	8.35
221	4.57	-2.138	271	5.65	1.188	321	7.13	371	8.37
222	4.61	-2.756	272	5.67	2.665	322	7.16	372	8.39
223	4.63	-2.752	273	5.69	3.070	323	7.18	373	8.42
224	4.65	-2.748	274	5.71	2.824	324	7.21	374	8.44
225	4.67	-2.495	275	5.74	2.203	325	7.24	375	8.50
226	4.69	-1.886	276	5.75	1.830	326	7.26	376	8.55
227	4.71	-0.811	277	5.77	1.835	327	7.29	377	8.59
228	4.73	1.265	278	5.79	1.839	328	7.32	378	8.62
229	4.75	2.268	279	5.82	1.593	329	7.34	379	8.63
230	4.77	2.272	280	5.83	1.596	330	7.36	380	8.66
231	4.79	2.901	281	5.86	1.851	331	7.37	381	8.69
232	4.81	3.530	282	5.89	0.607	332	7.41	382	8.71
233	4.84	4.159	283	5.91	-1.512	333	7.45	383	8.73
234	4.86	4.163	284	5.93	-3.133	334	7.46	384	8.75
235	4.87	3.291	285	5.97	-3.125	335	7.49	385	8.78
236	4.89	1.670	286	6.00	-2.495	336	7.51	386	8.79
237	4.91	0.424	287	6.02	-2.242	337	7.52	387	8.81
238	4.94	0.179	288	6.05	-1.862	338	7.55	388	8.82
239	4.96	0.103	289	6.08	-1.656	339	7.60	389	8.85
240	4.99	-0.186	290	6.12	-0.600	340	7.62	390	8.86
241	5.01	-1.056	291	6.14	1.528	341	7.65	391	8.88
242	5.03	0.071	292	6.17	2.784	342	7.69	392	8.90
243	5.05	1.075	293	6.21	2.290	343	7.72	393	8.93
244	5.07	1.953	294	6.25	1.048	344	7.74	394	8.95
245	5.09	1.707	295	6.27	0.427	345	7.76	395	8.97
246	5.12	-0.160	296	6.32	-0.813	346	7.78	396	8.99
247	5.15	-1.656	297	6.35	-2.057	347	7.80	397	9.01
248	5.17	-3.276	298	6.37	-2.427	348	7.83	398	9.03
249	5.19	-4.147	299	6.41	-1.171	349	7.85	399	9.05
250	5.20	-4.770	300	6.43	-0.916	350	7.87	400	9.07

INDEX NO.	332	907-GR-31	TAIRA BRIDGE	LG.	MAX.ACCEL. =	9.817 (GAL)	T = 1.00 (SEC)	NO. 3	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401	9.10	-0.092	451	10.60	-1.634	501	12.35	551	14.20
402	9.13	-0.036	452	10.64	-1.001	502	12.41	552	14.24
403	9.17	-0.027	453	10.65	-0.373	503	12.47	553	14.27
404	9.21	-0.021	454	10.68	0.255	504	12.52	554	14.29
405	9.23	-0.017	455	10.71	0.260	505	12.56	555	14.32
406	9.25	0.236	456	10.73	0.859	506	12.59	556	14.35
407	9.28	0.867	457	10.76	1.520	507	12.62	557	14.37
408	9.32	1.248	458	10.78	1.274	508	12.66	558	14.40
409	9.35	0.629	459	10.81	0.905	509	12.68	559	14.42
410	9.38	0.634	460	10.84	0.660	510	12.72	560	14.44
411	9.40	0.638	461	10.87	0.041	511	12.75	561	14.47
412	9.44	0.395	462	10.88	-0.580	512	12.78	562	14.51
413	9.46	0.024	463	10.92	-0.948	513	12.80	563	14.54
414	9.49	0.280	464	10.96	-0.316	514	12.83	564	14.58
415	9.51	0.205	465	11.01	-0.056	515	12.88	565	14.63
416	9.53	0.288	466	11.04	-0.300	516	12.92	566	14.65
417	9.56	0.293	467	11.07	-0.294	517	12.95	567	14.70
418	9.59	0.299	468	11.11	-0.287	518	13.02	568	14.72
419	9.61	0.303	469	11.14	-0.531	519	13.04	569	14.75
420	9.64	0.683	470	11.22	0.356	520	13.08	570	14.79
421	9.65	0.063	471	11.25	0.613	521	13.12	571	14.82
422	9.69	-0.556	472	11.30	0.621	522	13.16	572	14.85
423	9.71	-0.801	473	11.34	0.628	523	13.20	573	14.87
424	9.74	0.076	474	11.36	0.632	524	13.23	574	14.89
425	9.76	0.331	475	11.39	0.639	525	13.26	575	14.94
426	9.79	0.087	476	11.42	0.644	526	13.29		
427	9.81	0.091	477	11.45	0.400	527	13.31		
428	9.84	-0.153	478	11.48	0.404	528	13.33		
429	9.86	0.350	479	11.51	-0.212	529	13.36		
430	9.89	0.105	480	11.54	-0.457	530	13.40		
431	9.92	-0.513	481	11.61	-1.069	531	13.42		
432	9.96	-0.130	482	11.66	-1.184	532	13.45		
433	9.99	0.749	483	11.70	-0.552	533	13.48		
434	10.06	0.763	484	11.74	-0.169	534	13.52		
435	10.09	0.768	485	11.80	0.465	535	13.57		
436	10.12	0.774	486	11.85	0.224	536	13.61		
437	10.16	0.781	487	11.88	0.481	537	13.65		
438	10.19	0.535	488	11.92	0.237	538	13.68		
439	10.22	-0.456	489	11.95	-0.754	539	13.71		
440	10.25	-0.450	490	11.99	-1.373	540	13.75		
441	10.28	-0.195	491	12.02	-1.366	541	13.79		
442	10.32	0.436	492	12.05	-1.986	542	13.84		
443	10.35	0.567	493	12.09	-1.103	543	13.85		
444	10.37	-0.052	494	12.11	-0.100	544	13.88		
445	10.41	-0.169	495	12.12	0.151	545	13.96		
446	10.44	0.459	496	12.17	0.535	546	14.02		
447	10.47	0.466	497	12.20	0.790	547	14.08		
448	10.50	-0.652	498	12.23	1.422	548	14.11		
449	10.54	-1.269	499	12.28	0.930	549	14.14		
450	10.59	-1.262	500	12.31	0.813	550	14.18		

Table IV D-34. Digitized Accelerations of Earthquake Record with Index Number 333

INDEX NO. 333	907-GR-32	TAIRA BRIDGE	TR.	MAX. ACCEL. *	17.394 (GAL)	f = 2.66 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.00	9.529	50 0.81	0.925	101 1.62	-1.678	151 2.49	1.142
2 0.02	7.279	51 0.83	3.774	102 1.64	-3.103	152 2.52	1.092
3 0.03	7.279	52 0.85	6.275	103 1.65	-4.353	153 2.53	1.892
4 0.04	6.154	53 0.86	6.900	104 1.67	-5.053	154 2.55	0.642
5 0.07	4.528	54 0.87	6.650	105 1.68	-5.053	155 2.56	-1.857
6 0.08	5.403	55 0.89	5.400	106 1.69	-5.603	156 2.58	-4.607
7 0.10	5.403	56 0.90	4.400	107 1.71	-4.103	157 2.60	-4.732
8 0.11	3.903	57 0.92	3.150	108 1.72	-3.478	158 2.62	-3.402
9 0.12	2.403	58 0.94	3.774	109 1.73	-3.103	159 2.63	-4.357
10 0.14	1.278	59 0.96	4.024	110 1.74	-3.728	160 2.64	-6.357
11 0.15	0.653	60 0.97	3.524	111 1.76	-4.603	161 2.67	-7.232
12 0.17	-1.866	61 0.99	1.024	112 1.77	-5.603	162 2.69	-8.232
13 0.19	-3.096	62 1.00	-1.225	113 1.78	-6.078	163 2.71	-7.400
14 0.21	-3.346	63 1.01	-1.850	114 1.81	-5.728	164 2.73	-5.108
15 0.22	-3.096	64 1.03	-0.350	115 1.85	-3.229	165 2.75	-2.608
16 0.23	-4.346	65 1.04	2.149	116 1.88	-1.979	166 2.76	-0.108
17 0.24	-5.596	66 1.04	4.649	117 1.90	0.520	167 2.78	2.516
18 0.26	-6.346	67 1.07	5.024	118 1.92	3.145	168 2.80	4.681
19 0.28	-6.346	68 1.09	4.774	119 1.95	5.645	169 2.82	6.891
20 0.30	-5.722	69 1.10	3.774	120 1.96	6.895	170 2.83	8.141
21 0.31	-4.647	70 1.11	3.149	121 1.97	6.145	171 2.85	9.786
22 0.33	-3.597	71 1.13	2.899	122 1.99	11.020	172 2.86	10.786
23 0.34	-1.972	72 1.15	3.774	123 2.03	15.145	173 2.87	11.016
24 0.36	-1.972	73 1.17	4.649	124 2.02	17.020	174 2.89	10.461
25 0.38	-3.472	74 1.19	5.273	125 2.06	17.394	175 2.91	10.141
26 0.40	-4.472	75 1.20	5.648	126 2.08	16.694	176 2.93	11.640
27 0.41	-5.722	76 1.21	5.648	127 2.09	15.894	177 2.95	11.640
28 0.42	-6.597	77 1.23	5.398	128 2.11	14.394	178 2.97	11.140
29 0.43	-7.597	78 1.24	5.023	129 2.12	11.516	179 2.99	3.400
30 0.46	-5.722	79 1.25	4.773	130 2.14	6.269	180 3.02	3.265
31 0.48	-5.472	80 1.27	3.773	131 2.16	5.519	181 3.03	0.640
32 0.51	-4.223	81 1.29	3.148	132 2.17	0.394	182 3.05	0.015
33 0.53	-3.223	82 1.30	-1.051	133 2.18	-4.980	183 3.09	-0.859
34 0.55	-1.098	83 1.32	-3.351	134 2.20	-10.105	184 3.10	-1.214
35 0.56	-0.473	84 1.33	-4.601	135 2.21	-12.230	185 3.13	-1.859
36 0.57	0.526	85 1.34	-7.851	136 2.23	-13.480	186 3.15	-2.735
37 0.58	0.526	86 1.36	-9.101	137 2.24	-13.480	187 3.17	-3.735
38 0.60	0.276	87 1.39	-0.052	138 2.26	-12.355	188 3.19	-3.110
39 0.62	-0.723	88 1.40	-7.602	139 2.27	-11.981	189 3.21	-2.860
40 0.63	2.151	89 1.42	-6.102	140 2.29	-10.731	190 3.23	-4.610
41 0.65	4.401	90 1.45	-6.977	141 2.30	-10.106	191 3.25	-5.880
42 0.67	4.401	91 1.47	-4.227	142 2.32	-8.856	192 3.26	-6.985
43 0.69	3.151	92 1.48	-2.352	143 2.33	-7.981	193 3.26	-7.235
44 0.71	2.176	93 1.50	-0.727	144 2.35	-6.981	194 3.31	-5.485
45 0.72	2.176	94 1.52	0.522	145 2.37	-2.981	195 3.34	-3.235
46 0.73	3.775	95 1.54	0.772	146 2.39	-0.106	196 3.36	-2.985
47 0.75	1.275	96 1.55	2.147	147 2.40	0.143	197 3.37	-4.486
48 0.76	-2.724	97 1.57	2.522	148 2.42	0.143	198 3.40	-5.111
49 0.77	-3.974	98 1.59	1.897	149 2.45	0.266	199 3.42	-5.111
50 0.80	-2.474	99 1.60	0.646	150 2.47	0.518	200 3.45	-5.611
201 3.47	-1.986	251 4.45	-0.240	301 5.51	0.254	351 6.62	0.999
202 3.49	-0.486	252 4.48	-0.741	302 5.52	1.254	352 6.64	0.374
203 3.51	-0.486	253 4.50	-0.741	303 5.55	1.504	353 6.68	-1.501
204 3.53	-0.736	254 4.53	-7.366	304 5.58	1.076	354 6.69	-1.076
205 3.55	-1.361	255 4.54	-4.866	305 5.60	2.128	355 6.72	-2.751
206 3.56	-1.986	256 4.57	-2.991	306 5.62	2.753	356 6.75	-4.376
207 3.59	-1.986	257 4.58	-1.741	307 5.66	3.128	357 6.77	-4.626
208 3.60	0.137	258 4.60	-0.741	308 5.67	2.253	358 6.80	-5.001
209 3.61	1.137	259 4.62	-7.758	309 5.68	1.003	359 6.82	-4.376
210 3.62	2.762	260 4.63	1.883	310 5.70	-1.496	360 6.85	-3.126
211 3.64	3.387	261 4.66	3.383	311 5.73	-3.996	361 6.88	-1.877
212 3.66	2.512	262 4.67	5.008	312 5.77	-5.246	362 6.91	-0.377
213 3.68	0.637	263 4.68	6.507	313 5.79	-5.872	363 6.93	-0.002
214 3.71	-0.862	264 4.69	7.132	314 5.81	-6.622	364 6.97	-0.002
215 3.74	-1.862	265 4.71	7.132	315 5.83	-7.072	365 7.00	-0.002
216 3.77	-2.112	266 4.72	7.132	316 5.85	-6.997	366 7.03	-0.002
217 3.79	-2.112	267 4.76	6.007	317 5.87	-5.497	367 7.08	-0.252
218 3.81	-1.863	268 4.78	4.382	318 5.89	-4.497	368 7.07	-0.252
219 3.84	-0.363	269 4.79	3.507	319 5.90	-2.372	369 7.09	-1.253
220 3.85	1.086	270 4.80	2.882	320 5.91	-0.122	370 7.12	0.621
221 3.87	4.386	271 4.83	2.882	321 5.92	1.877	371 7.13	1.871
222 3.89	5.261	272 4.85	2.257	322 5.93	4.377	372 7.16	3.121
223 3.91	5.886	273 4.87	0.632	323 5.97	5.627	373 7.18	3.371
224 3.93	5.386	274 4.89	-0.867	324 5.99	4.752	374 7.21	2.871
225 3.95	4.386	275 4.92	-1.493	325 6.01	3.751	375 7.25	2.871
226 3.97	4.136	276 4.94	-1.243	326 6.02	3.501	376 7.27	2.671
227 4.00	5.011	277 4.96	-2.493	327 6.04	3.751	377 7.30	1.246
228 4.02	5.261	278 4.98	-3.993	328 6.06	4.001	378 7.33	-0.254
229 4.04	5.260	279 5.00	-5.243	329 6.09	3.126	379 7.34	-0.629
230 4.06	4.135	280 5.01	-5.618	330 6.11	1.001	380 7.36	-1.254
231 4.07	1.885	281 5.04	-3.743	331 6.12	0.001	381 7.40	-1.254
232 4.09	-0.239	282 5.06	-2.868	332 6.15	-1.498	382 7.44	-1.004
233 4.10	-1.489	283 5.07	-0.618	333 6.16	-1.498	383 7.48	-0.379
234 4.12	-3.384	284 5.10	-0.368	334 6.20	-1.498	384 7.50	0.245
235 4.13	-3.384	285 5.12	-1.869	335 6.23	-0.999	385 7.54	1.494
236 4.15	-3.114	286 5.14	-3.119	336 6.24	-0.374	386 7.57	2.754
237 4.18	-4.614	287 5.17	-0.994	337 6.26	-0.994	387 7.59	3.994
238 4.20	-5.614	288 5.19	0.880	338 6.28	0.625	388 7.61	5.244
239 4.22	-6.614	289 5.22	2.505	339 6.30	0.625	389 7.64	6.244
240 4.24	-5.489	290 5.24	3.130	340 6.33	-1.499	390 7.66	6.494
241 4.27	-3.615	291 5.26	1.880	341 6.35	-2.499	391 7.68	6.244
242 4.29	-1.740	292 5.30	-0.244	342 6.36	-3.574	392 7.71	4.369
243 4.30	0.134	293 5.33	-1.244	343 6.41	-4.374	393 7.73	2.869
244 4.32	1.509	294 5.34	-1.245	344 6.44	-3.750	394 7.76	0.993
245 4.35	2.509	295 5.37	0.004	345 6.47	-2.500	395 7.79	-0.256
246 4.39	1.009	296 5.38	0.004	346 6.49	-1.875	396 7.82	-0.006
247 4.40	0.384	297 5.40	-0.265	347 6.51	-0.625	397 7.84	1.243
248 4.41	-1.885	298 5.42	-0.870	348 6.53	0.249	398 7.87	3.118
249 4.43	-3.990	299 5.45	-1.495	349 6.56	1.249	399 7.89	5.618
250 4.44	-5.885	300 5.49	-0.620	350 6.58	1.499	400 7.92	6.888

INDEX NO.	333	997-GR-32	TAIRA BRIDGE	TR.	MAX. ACCEL. =	17.394 (GAL)	T = 2.06 (SEC)	NO. 3	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401 7.94	6.610	451 9.36	-3.130	501 10.09	2.104	551 12.41	-4.402		
402 7.99	4.992	452 9.37	-1.080	502 10.91	2.729	552 12.45	-3.527		
403 8.01	4.367	453 9.40	0.611	503 10.95	3.729	553 12.48	-1.277		
404 8.04	2.957	454 9.44	4.611	504 10.98	4.354	554 12.50	0.222		
405 8.07	2.242	455 9.48	6.256	505 11.01	4.104	555 12.52	1.472		
406 8.10	0.367	456 9.51	7.111	506 11.04	3.104	556 12.55	2.722		
407 8.13	-1.507	457 9.54	7.486	507 11.06	2.229	557 12.58	2.472		
408 8.17	-2.357	458 9.56	6.069	508 11.08	1.604	558 12.61	1.597		
409 8.20	-3.382	459 9.59	4.985	509 11.11	0.978	559 12.64	-0.278		
410 8.22	-4.383	460 9.61	3.485	510 11.14	2.728	560 12.67	-1.278		
411 8.26	-5.633	461 9.63	2.235	511 11.18	4.353	561 12.69	-2.778		
412 8.27	-4.383	462 9.66	1.060	512 11.21	4.353	562 12.71	-4.028		
413 8.32	-3.133	463 9.69	1.680	513 11.24	4.353	563 12.74	-4.653		
414 8.36	-1.085	464 9.72	-0.764	514 11.28	4.978	564 12.78	-4.153		
415 8.39	-1.085	465 9.76	-0.089	515 11.31	3.102	565 12.81	-3.528		
416 8.41	-1.008	466 9.80	-0.090	516 11.34	3.102	566 12.84	-1.279		
417 8.43	-0.634	467 9.82	-1.090	517 11.36	2.227	567 12.87	-0.279		
418 8.47	-0.909	468 9.85	-3.390	518 11.37	-0.022	568 12.91	-0.404		
419 8.50	0.240	469 9.89	-4.015	519 11.41	-3.117	569 12.94	1.220		
420 8.54	0.240	470 9.91	-4.390	520 11.43	-4.647	570 12.97	1.845		
421 8.58	1.490	471 9.95	-4.140	521 11.46	-5.647	571 13.02	3.095		
422 8.61	3.740	472 9.98	-3.140	522 11.51	-6.397	572 13.06	4.344		
423 8.65	4.990	473 10.01	-2.268	523 11.53	-6.398	573 13.09	4.344		
424 8.68	4.114	474 10.04	-0.591	524 11.58	-6.148	574 13.14	4.344		
425 8.71	3.489	475 10.09	2.483	525 11.62	-5.148	575 13.17	3.719		
426 8.75	2.239	476 10.11	3.350	526 11.65	-4.523	576 13.19	3.094		
427 8.77	1.054	477 10.16	3.108	527 11.68	-3.023	577 13.22	1.644		
428 8.81	1.614	478 10.19	2.483	528 11.70	-2.023	578 13.24	0.594		
429 8.85	2.739	479 10.23	1.057	529 11.71	-1.140	579 13.26	-0.905		
430 8.88	3.364	480 10.26	1.607	530 11.74	1.476	580 13.29	-2.531		
431 8.88	3.113	481 10.30	1.607	531 11.75	2.475	581 13.31	-2.281		
432 8.91	0.980	482 10.33	1.057	532 11.78	3.100	582 13.35	-0.656		
433 8.93	-0.636	483 10.35	2.732	533 11.81	2.475	583 13.37	0.843		
434 8.95	-1.086	484 10.37	2.482	534 11.83	1.050	584 13.39	1.043		
435 8.97	-3.385	485 10.40	1.057	535 11.87	1.600	585 13.42	2.460		
436 8.99	-3.761	486 10.43	1.056	536 11.92	2.100	586 13.44	3.343		
437 9.01	-4.386	487 10.45	2.106	537 11.94	2.725	587 13.47	3.960		
438 9.04	-4.636	488 10.50	0.981	538 11.96	3.349	588 13.50	2.467		
439 9.07	-4.386	489 10.53	-1.268	539 12.00	3.099	589 13.54	0.967		
440 9.10	-3.512	490 10.56	-3.143	540 12.02	2.849	590 13.57	0.967		
441 9.12	-2.887	491 10.57	-4.018	541 12.08	3.724	591 13.59	-0.907		
442 9.14	-2.262	492 10.61	-4.643	542 12.11	3.074	592 13.62	-2.782		
443 9.16	-1.087	493 10.63	-4.643	543 12.14	4.349	593 13.65	-4.032		
444 9.18	-1.637	494 10.67	-4.644	544 12.16	4.349	594 13.70	-3.782		
445 9.21	-2.137	495 10.69	-4.394	545 12.19	3.473	595 13.73	-3.158		
446 9.23	-3.137	496 10.73	-4.644	546 12.22	2.473	596 13.75	-3.158		
447 9.24	-3.387	497 10.76	-4.644	547 12.26	0.598	597 13.80	-3.158		
448 9.27	-5.012	498 10.79	-2.864	548 12.30	-0.901	598 13.84	-4.033		
449 9.29	-5.262	499 10.81	-1.644	549 12.33	-1.901	599 13.87	-3.783		
450 9.32	-5.388	500 10.83	0.605	550 12.36	-3.151	600 13.90	-3.533		

INDEX NO.	333	907-GR-32	TAIRA BRIDGE	TR.	MAX. ACCEL. =	17.394 (GAL)	T = 2.06 (SEC)	NO. 4
NO.	(SEC)	(GAL)						
601	13.92	-2.534						
602	13.97	-1.034						
603	14.00	-0.034						
604	14.02	0.840						
605	14.05	1.215						
606	14.07	1.215						
607	14.10	0.340						
608	14.14	1.039						
609	14.19	3.089						
610	14.22	3.339						
611	14.24	3.714						
612	14.30	3.714						
613	14.35	3.714						
614	14.38	2.838						
615	14.42	1.588						
616	14.46	0.338						
617	14.49	-0.661						
618	14.56	-1.536						
619	14.59	-1.912						
620	14.60	-1.912						
621	14.63	-2.162						
622	14.66	-2.787						
623	14.69	-3.162						
624	14.73	-2.912						
625	14.75	-2.287						
626	14.78	-1.912						
627	14.80	-1.913						
628	14.84	-1.663						
629	14.87	-1.663						
630	14.91	-1.538						
631	14.93	-1.913						

Table IV D-35. Digitized Accelerations of Earthquake Record with Index Number 334

INDEX NO. 334	907-GR-32	TAIRA BRIDGE	U-D	MAX. ACCEL. * (GAL)	7.320 (GAL)	T = 0.75 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	5.410	51 0.86	-0.174	101 1.89	-1.761	151 3.05	1.403
2 0.02	2.910	52 0.87	-2.049	102 1.92	-2.136	152 3.08	-4.579
3 0.04	1.044	53 0.89	-4.923	103 1.95	-0.635	153 3.10	1.155
4 0.05	-0.453	54 0.91	-4.422	104 1.97	0.989	154 3.12	-0.342
5 0.07	-0.828	55 0.93	-4.046	105 1.98	1.615	155 3.15	-1.986
6 0.09	-0.202	56 0.96	-4.295	106 2.02	2.491	156 3.18	-2.715
7 0.10	0.421	57 0.99	-5.544	107 2.04	2.242	157 3.19	-2.715
8 0.11	1.922	58 1.01	-5.044	108 2.06	1.618	158 3.22	-1.039
9 0.12	2.547	59 1.04	-4.042	109 2.09	0.369	159 3.24	0.035
10 0.14	2.548	60 1.06	-2.167	110 2.11	-0.504	160 3.26	1.286
11 0.15	2.048	61 1.08	-0.916	111 2.13	0.370	161 3.29	1.912
12 0.17	1.424	62 1.09	0.502	112 2.15	1.246	162 3.33	2.913
13 0.18	-0.449	63 1.12	1.583	113 2.17	2.497	163 3.35	3.184
14 0.20	-3.073	64 1.13	2.459	114 2.19	2.492	164 3.37	3.165
15 0.21	-4.073	65 1.14	3.789	115 2.21	1.998	165 3.40	1.666
16 0.22	-4.947	66 1.18	2.836	116 2.23	0.749	166 3.42	0.167
17 0.23	-5.572	67 1.21	2.587	117 2.25	-1.124	167 3.44	-1.081
18 0.26	-3.821	68 1.23	3.463	118 2.28	-3.373	168 3.47	-2.705
19 0.29	-1.320	69 1.25	4.714	119 2.29	-4.247	169 3.49	-3.954
20 0.31	-0.069	70 1.27	5.464	120 2.32	-4.621	170 3.51	-4.578
21 0.32	2.430	71 1.29	5.465	121 2.34	-3.120	171 3.53	-5.452
22 0.34	3.430	72 1.30	4.215	122 2.36	-0.870	172 3.56	-6.076
23 0.36	3.681	73 1.33	2.091	123 2.37	0.004	173 3.58	-3.508
24 0.37	3.181	74 1.34	0.217	124 2.40	1.255	174 3.61	-3.074
25 0.39	2.182	75 1.36	-1.031	125 2.43	1.881	175 3.63	-2.449
26 0.41	1.550	76 1.38	-3.030	126 2.45	2.257	176 3.65	-1.823
27 0.43	1.108	77 1.40	-2.530	127 2.48	3.500	177 3.68	-0.572
28 0.44	0.309	78 1.42	-0.654	128 2.51	4.184	178 3.70	0.677
29 0.46	-0.563	79 1.43	0.595	129 2.53	4.760	179 3.72	1.672
30 0.48	-1.813	80 1.44	1.220	130 2.56	3.261	180 3.73	2.928
31 0.49	-1.938	81 1.46	2.221	131 2.58	1.386	181 3.76	4.429
32 0.52	-0.068	82 1.48	2.847	132 2.60	0.187	182 3.80	3.555
33 0.54	1.108	83 1.49	2.847	133 2.64	-1.485	183 3.83	2.682
34 0.57	2.439	84 1.52	1.973	134 2.66	-3.084	184 3.86	2.058
35 0.59	3.439	85 1.54	-0.524	135 2.67	-4.608	185 3.88	1.433
36 0.61	3.690	86 1.57	-1.523	136 2.71	-3.357	186 3.91	0.184
37 0.62	2.815	87 1.60	-2.397	137 2.75	-3.356	187 3.93	-2.938
38 0.63	1.566	88 1.63	-2.521	138 2.78	-3.980	188 3.96	-5.106
39 0.65	0.116	89 1.65	-1.520	139 2.79	-3.729	189 3.98	-5.436
40 0.67	0.942	90 1.66	-0.020	140 2.80	-3.354	190 4.01	-4.560
41 0.69	2.443	91 1.67	1.604	141 2.82	-1.228	191 4.03	-2.686
42 0.70	4.068	92 1.69	3.729	142 2.83	-0.228	192 4.04	-0.559
43 0.71	4.694	93 1.71	4.105	143 2.86	1.646	193 4.06	1.065
44 0.73	4.694	94 1.74	2.606	144 2.88	2.522	194 4.08	2.316
45 0.75	7.320	95 1.76	0.357	145 2.90	4.398	195 4.11	2.317
46 0.78	6.071	96 1.78	-0.691	146 2.93	5.524	196 4.13	2.058
47 0.79	4.821	97 1.80	-0.890	147 2.96	4.650	197 4.16	0.444
48 0.81	4.197	98 1.82	-0.889	148 2.98	3.025	198 4.17	-0.429
49 0.83	3.523	99 1.85	-0.888	149 3.00	1.776	199 4.18	-1.054
50 0.85	2.323	100 1.87	-1.512	150 3.02	1.152	200 4.22	-1.677

INDEX NO. 334	907-GR-32	TAIRA BRIDGE	U-D	MAX. ACCEL. * (GAL)	7.320 (GAL)	T = 0.75 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 4.24	-2.052	251 5.52	0.118	301 6.84	-0.082	351 8.07	-1.287
202 4.26	-2.926	252 5.55	-0.379	302 6.86	0.542	352 8.10	-1.036
203 4.29	-4.175	253 5.57	-1.003	303 6.88	0.543	353 8.12	-0.680
204 4.31	-5.424	254 5.59	-1.002	304 6.90	-0.079	354 8.15	-0.035
205 4.33	-4.548	255 5.61	-0.752	305 6.92	-0.954	355 8.17	-0.634
206 4.35	-2.672	256 5.63	-0.301	306 6.96	-0.452	356 8.19	-0.658
207 4.37	4.37	257 5.64	-0.500	307 6.98	1.172	357 8.21	-1.282
208 4.39	0.702	258 5.66	-0.750	308 7.01	0.547	358 8.24	-2.531
209 4.42	0.453	259 5.69	-1.624	309 7.03	-0.325	359 8.27	-1.905
210 4.45	-1.044	260 5.72	-1.622	310 7.05	-0.949	360 8.30	-1.655
211 4.47	-1.688	261 5.74	-1.622	311 7.09	-1.573	361 8.33	-1.028
212 4.50	-0.792	262 5.78	-2.620	312 7.12	-1.322	362 8.38	-1.026
213 4.52	-0.166	263 5.80	-3.495	313 7.14	-1.071	363 8.39	-0.401
214 4.55	1.798	264 5.85	-1.993	314 7.18	-0.070	364 8.42	0.848
215 4.56	2.959	265 5.87	-1.117	315 7.19	-0.069	365 8.45	0.474
216 4.60	3.210	266 5.89	-0.491	316 7.22	-0.943	366 8.48	2.475
217 4.63	3.211	267 5.92	1.132	317 7.25	-1.067	367 8.50	1.851
218 4.65	2.982	268 5.94	1.758	318 7.26	-0.441	368 8.53	1.227
219 4.67	1.712	269 5.98	2.635	319 7.29	0.558	369 8.56	0.978
220 4.70	-0.160	270 6.00	2.636	320 7.32	0.609	370 8.59	1.479
221 4.71	-1.034	271 6.05	1.762	321 7.34	0.810	371 8.62	1.230
222 4.74	-2.283	272 6.08	0.263	322 7.37	0.811	372 8.63	0.356
223 4.76	-2.282	273 6.10	-0.984	323 7.39	1.186	373 8.66	-1.891
224 4.77	-2.031	274 6.12	-1.983	324 7.41	1.813	374 8.69	-5.015
225 4.81	-1.155	275 6.16	-1.107	325 7.44	3.063	375 8.73	-5.639
226 4.84	-1.155	276 6.18	-1.106	326 7.46	3.064	376 8.76	-5.638
227 4.86	-2.030	277 6.21	-1.355	327 7.46	1.565	377 8.79	-4.137
228 4.89	-3.527	278 6.23	-1.604	328 7.50	-0.058	378 8.83	-2.510
229 4.91	-4.152	279 6.26	-2.228	329 7.53	-1.557	379 8.86	-1.259
230 4.94	-3.276	280 6.30	-1.351	330 7.56	-3.181	380 8.89	-0.383
231 4.95	-3.275	281 6.32	-0.726	331 7.58	-4.430	381 8.92	0.241
232 4.98	-2.849	282 6.36	-0.725	332 7.61	-3.179	382 8.94	1.242
233 5.00	-1.773	283 6.39	-0.473	333 7.63	-1.303	383 8.97	1.243
234 5.02	-1.148	284 6.41	-0.472	334 7.65	-0.428	384 9.02	0.369
235 5.04	-0.772	285 6.44	-0.078	335 7.68	-0.426	385 9.05	-0.627
236 5.07	-0.771	286 6.46	0.152	336 7.70	-0.426	386 9.10	-0.876
237 5.11	0.104	287 6.50	0.779	337 7.73	-0.425	387 9.13	-0.625
238 5.14	1.104	288 6.52	0.280	338 7.74	-0.049	388 9.15	-0.624
239 5.17	1.081	289 6.55	-0.967	339 7.78	0.825	389 9.19	0.002
240 5.21	1.732	290 6.58	-1.341	340 7.80	0.826	390 9.21	0.252
241 5.23	0.859	291 6.62	-0.715	341 7.83	-0.046	391 9.24	0.002
242 5.26	-0.764	292 6.64	0.159	342 7.86	-0.670	392 9.26	-0.245
243 5.30	-1.013	293 6.65	0.535	343 7.88	-0.669	393 9.29	0.254
244 5.33	-0.762	294 6.67	0.285	344 7.90	-0.043	394 9.31	1.880
245 5.36	-0.762	295 6.70	-0.337	345 7.93	0.581	395 9.34	1.881
246 5.39	-1.089	296 6.72	-1.336	346 7.95	-0.916	396 9.36	1.632
247 5.42	-1.183	297 6.74	-2.585	347 7.96	-0.916	397 9.40	0.008
248 5.45	-1.182	298 6.76	-2.835	348 7.99	-1.540	398 9.44	-0.884
249 5.49	-1.341	299 6.79	-2.334	349 8.03	-1.539	399 9.45	-0.883
250 5.53	-0.555	300 6.82	-1.333	350 8.04	-1.539	400 9.49	-1.237

INDEX NO.	334	907-GR-32	TAIRA BRIDGE	U-D	MAX.ACCEL.**	7.326(GAL)	T = 0.75(SEC)	NO. 3		
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
401	9.51	-2.406	451	11.04	2.317	501	12.68	0.127	551	14.38
402	9.54	-2.485	452	11.05	1.943	502	12.72	0.379	552	14.42
403	9.56	-1.859	453	11.09	1.319	503	12.74	0.755	553	14.45
404	9.58	-2.483	454	11.12	1.070	504	12.77	0.131	554	14.48
405	9.61	-1.607	455	11.16	1.322	505	12.80	-0.491	555	14.51
406	9.64	0.917	456	11.18	1.572	506	12.84	-0.490	556	14.54
407	9.66	0.267	457	11.21	1.324	507	12.86	0.384	557	14.58
408	9.68	0.893	458	11.26	1.325	508	12.91	1.011	558	14.61
409	9.72	1.269	459	11.29	1.326	509	12.95	0.512	559	14.66
410	9.75	1.270	460	11.32	1.077	510	12.98	0.513	560	14.69
411	9.78	1.022	461	11.35	0.079	511	13.02	1.390	561	14.73
412	9.80	1.022	462	11.39	0.080	512	13.05	2.016	562	14.76
413	9.82	1.023	463	11.42	0.331	513	13.09	3.517	563	14.79
414	9.85	0.024	464	11.45	-0.166	514	13.12	3.018	564	14.82
415	9.89	-0.508	465	11.48	-0.790	515	13.16	2.020	565	14.85
416	9.92	-0.846	466	11.50	-1.414	516	13.19	1.146	566	14.87
417	9.95	-1.220	467	11.53	-2.413	517	13.23	0.772	567	14.90
418	9.98	-1.219	468	11.56	-1.537	518	13.26	0.523	568	14.93
419	10.02	-0.968	469	11.59	-1.161	519	13.30	-0.473	569	14.96
420	10.05	-0.592	470	11.63	-0.909	520	13.32	-0.722	570	14.99
421	10.07	0.032	471	11.66	0.965	521	13.37	-0.846		-0.846
422	10.11	0.660	472	11.68	1.591	522	13.40	-0.469		-0.469
423	10.14	1.205	473	11.71	2.217	523	13.42	0.154		
424	10.16	1.911	474	11.73	2.842	524	13.45	-0.093		
425	10.20	1.662	475	11.76	2.844	525	13.50	-1.341		
426	10.26	-0.824	476	11.79	2.595	526	13.52	-1.715		
427	10.29	-0.833	477	11.84	1.096	527	13.56	-1.713		
428	10.32	-0.832	478	11.87	0.472	528	13.60	-1.982		
429	10.35	-0.831	479	11.91	0.100	529	13.63	-1.711		
430	10.37	-0.580	480	11.94	-0.148	530	13.66	-0.210		
431	10.39	-0.579	481	11.98	-0.521	531	13.69	0.789		
432	10.43	-1.203	482	12.01	-1.145	532	13.72	1.041		
433	10.47	0.047	483	12.04	-0.269	533	13.78	1.417		
434	10.50	1.298	484	12.06	0.355	534	13.81	2.669		
435	10.53	1.549	485	12.09	1.356	535	13.84	3.295		
436	10.57	2.175	486	12.12	1.982	536	13.88	2.421		
437	10.60	1.926	487	12.16	1.108	537	13.91	1.798		
438	10.63	0.677	488	12.18	0.734	538	13.94	1.423		
439	10.66	-0.194	489	12.22	0.735	539	13.98	1.425		
440	10.69	-0.193	490	12.25	0.737	540	14.02	1.176		
441	10.72	-1.192	491	12.29	1.363	541	14.06	-0.445		
442	10.76	-1.441	492	12.32	1.114	542	14.11	-1.693		
443	10.80	-1.190	493	12.36	0.491	543	14.14	-1.942		
444	10.82	-1.189	494	12.39	-0.131	544	14.17	-0.816		
445	10.85	-1.438	495	12.44	-0.130	545	14.21	-0.815		
446	10.89	-1.561	496	12.48	0.120	546	14.23	-0.814		
447	10.92	-0.955	497	12.52	0.121	547	14.26	-0.188		
448	10.96	0.314	498	12.55	0.123	548	14.29	-0.063		
449	10.98	0.940	499	12.60	-0.124	549	14.32	-1.438		
450	11.00	2.566	500	12.64	-0.497	550	14.35	0.814		

Table IV D-36. Digitized Accelerations of Earthquake Record with Index Number 335

INDEX NO.	335	907-GR-32	TAIRA BRIDGE	LG.	MAX.ACCEL. **	13.140 (GAL)	T = 5.96 (SEC)			NO. 1
NO. (SEC)	(GAL)		NO. (SEC)	(GAL)		NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
1 0.0	-3.160		51 0.84	8.718		101 1.85	2.751	151 2.97	1.049	
2 0.02	-5.032		52 0.85	5.595		102 1.87	3.379	152 2.99	1.927	
3 0.04	-5.029		53 0.87	0.848		103 1.89	4.008	153 3.03	1.433	
4 0.05	-5.028		54 0.89	-0.647		104 1.91	4.635	154 3.05	0.438	
5 0.07	-4.150		55 0.91	-2.518		105 1.93	4.638	155 3.08	-0.182	
6 0.09	-2.102		56 0.93	-4.891		106 1.94	5.016	156 3.10	-0.429	
7 0.10	-4.353		57 0.94	-7.639		107 1.96	5.019	157 3.12	-0.801	
8 0.11	-5.730		58 0.96	-8.261		108 1.97	4.521	158 3.14	-1.423	
9 0.12	6.357		59 0.99	-8.005		109 2.00	3.274	159 3.17	0.704	
10 0.13	5.734		60 1.01	-7.754		110 2.01	2.652	160 3.18	2.352	
11 0.15	4.486		61 1.03	-7.750		111 2.03	1.655	161 3.20	4.460	
12 0.16	1.738		62 1.05	-3.997		112 2.06	3.537	162 3.24	5.590	
13 0.18	-1.383		63 1.06	1.629		113 2.11	5.043	163 3.26	5.344	
14 0.19	-2.380		64 1.08	-6.508		114 2.14	3.296	164 3.29	5.349	
15 0.21	-1.127		65 1.10	8.634		115 2.17	1.050	165 3.31	4.727	
16 0.23	-0.249		66 1.11	10.260		116 2.18	-0.196	166 3.31	7.729	
17 0.25	-0.247		67 1.14	11.516		117 2.20	-1.068	167 3.36	-1.513	
18 0.26	0.128		68 1.17	11.520		118 2.21	-2.816	168 3.38	-6.386	
19 0.27	0.380		69 1.19	11.523		119 2.23	-4.314	169 3.39	-9.134	
20 0.29	-1.633		70 1.22	11.528		120 2.24	-5.313	170 3.40	-10.152	
21 0.31	-2.885		71 1.25	10.285		121 2.26	-4.058	171 3.43	-9.878	
22 0.32	-3.888		72 1.27	8.161		122 2.27	-3.182	172 3.45	-8.674	
23 0.34	3.266		73 1.30	2.790		123 2.30	-2.178	173 3.48	-8.245	
24 0.35	2.018		74 1.31	-0.581		124 2.33	-0.674	174 3.50	-7.616	
25 0.37	0.771		75 1.33	-3.579		125 2.36	-0.044	175 3.52	-6.738	
26 0.38	1.647		76 1.34	-4.826		126 2.37	0.956	176 3.54	-6.235	
27 0.40	3.899		77 1.37	-6.697		127 2.38	1.833	177 3.56	-2.608	
28 0.41	6.027		78 1.39	-8.194		128 2.39	2.835	178 3.57	-1.105	
29 0.43	7.280		79 1.40	-8.942		129 2.41	3.087	179 3.59	0.521	
30 0.45	7.033		80 1.43	-6.688		130 2.44	1.592	180 3.60	2.022	
31 0.47	7.036		81 1.44	-3.936		131 2.46	-0.527	181 3.61	2.649	
32 0.49	7.039		82 1.47	-2.317		132 2.49	-2.146	182 3.63	3.651	
33 0.50	6.790		83 1.49	3.945		133 2.51	-3.395	183 3.64	4.530	
34 0.52	4.918		84 1.51	4.198		134 2.52	-5.268	184 3.67	6.033	
35 0.54	1.172		85 1.53	2.702		135 2.54	-8.016	185 3.69	2.411	
36 0.56	-1.946		86 1.55	0.829		136 2.55	-9.014	186 3.71	0.539	
37 0.58	-2.445		87 1.57	-1.041		137 2.58	-8.134	187 3.72	-3.312	
38 0.60	-0.942		88 1.59	-3.163		138 2.60	-5.881	188 3.75	-0.953	
39 0.65	0.938		89 1.61	-3.784		139 2.62	-2.503	189 3.78	-0.946	
40 0.66	0.941		90 1.62	-4.157		140 2.64	-2.125	190 3.80	-0.444	
41 0.69	-0.553		91 1.64	-2.905		141 2.66	-0.873	191 3.83	-0.439	
42 0.71	-2.425		92 1.66	-1.401		142 2.69	0.631	192 3.87	-1.309	
43 0.73	-3.922		93 1.69	-2.897		143 2.73	1.011	193 3.88	-2.182	
44 0.75	-4.544		94 1.71	-4.144		144 2.75	1.015	194 3.89	-2.555	
45 0.76	-3.667		95 1.72	-6.266		145 2.79	0.772	195 3.91	-2.802	
46 0.78	-1.164		96 1.75	-4.387		146 2.82	1.026	196 3.94	-2.799	
47 0.79	2.837		97 1.77	0.865		147 2.85	0.406	197 3.97	-0.688	
48 0.80	4.637		98 1.78	2.116		148 2.89	-0.212	198 3.99	1.883	
49 0.81	9.215		99 1.81	3.370		149 2.91	-0.209	199 4.01	3.336	
50 0.82	10.466		100 1.83	3.123		150 2.94	0.419	200 4.03	5.346	

INDEX NO.	335	907-GR-32	TAIRA BRIDGE	LG.	HAX.ACCEL. =	13.140(GAL)	T = 5.96(SEC)	NO. 2
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	4.06	6.344	251	5.27	-3.589	301	6.46	-2.405
202	4.07	7.224	252	5.30	-5.085	302	6.49	-4.648
203	4.12	7.634	253	5.31	-8.092	303	6.51	-5.095
204	4.15	6.733	254	5.34	-7.378	304	6.53	-6.143
205	4.19	4.240	255	5.37	-7.574	305	6.57	-3.761
206	4.20	2.616	256	5.40	-8.194	306	6.61	-2.504
207	4.21	1.368	257	5.43	-8.815	307	6.64	-1.250
208	4.23	-3.126	258	5.45	-7.938	308	6.65	-0.248
209	4.25	-5.874	259	5.45	-7.059	309	6.68	-0.494
210	4.26	-8.122	260	5.47	-5.432	310	6.71	-1.114
211	4.28	-9.619	261	5.50	-3.929	311	6.74	-0.234
212	4.30	-8.116	262	5.53	-3.290	312	6.76	0.397
213	4.32	-6.613	263	5.54	-3.547	313	6.78	0.395
214	4.34	-3.736	264	5.57	-2.688	314	6.81	-1.078
215	4.36	-1.857	265	5.59	-0.415	315	6.84	-2.719
216	4.38	-2.103	266	5.60	1.711	316	6.86	-4.215
217	4.40	-2.475	267	5.63	2.090	317	6.89	-4.586
218	4.44	-2.219	268	5.66	-0.404	318	6.93	-4.330
219	4.47	-0.965	269	5.68	-1.276	319	6.94	-3.328
220	4.49	0.286	270	5.70	-0.772	320	6.97	-1.623
221	4.51	0.915	271	5.74	-1.267	321	7.00	-0.819
222	4.54	1.294	272	5.76	-2.263	322	7.02	-0.190
223	4.56	0.424	273	5.80	-2.507	323	7.05	1.311
224	4.59	-1.196	274	5.84	-1.376	324	7.06	2.563
225	4.60	-2.069	275	5.86	-2.127	325	7.07	4.440
226	4.62	-3.941	276	5.89	4.005	326	7.09	6.193
227	4.65	-5.561	277	5.90	7.257	327	7.10	7.070
228	4.69	-5.805	278	5.92	9.134	328	7.13	7.699
229	4.72	-5.800	279	5.96	13.140	329	7.16	9.329
230	4.74	-5.547	280	5.99	8.695	330	7.17	9.331
231	4.76	-5.543	281	6.01	-5.399	331	7.20	7.461
232	4.78	-5.290	282	6.03	-3.277	332	7.23	4.964
233	4.81	-3.037	283	6.06	-0.466	333	7.24	3.091
234	4.83	-0.532	284	6.08	-2.214	334	7.25	0.968
235	4.85	1.344	285	6.10	-3.461	335	7.29	-3.523
236	4.87	2.221	286	6.13	-4.310	336	7.32	-3.269
237	4.89	3.475	287	6.16	-7.201	337	7.36	-3.014
238	4.91	4.728	288	6.18	-8.447	338	7.39	-3.009
239	4.94	5.857	289	6.20	-6.569	339	7.41	-2.381
240	4.96	6.737	290	6.23	-4.064	340	7.43	-1.752
241	4.99	7.365	291	6.24	-2.813	341	7.48	-2.420
242	5.01	7.494	292	6.26	-1.311	342	7.50	-3.866
243	5.04	6.248	293	6.27	-0.309	343	7.53	-5.111
244	5.06	5.077	294	6.29	0.317	344	7.57	-5.356
245	5.09	6.132	295	6.30	1.195	345	7.60	-5.352
246	5.12	6.636	296	6.32	2.447	346	7.63	-5.006
247	5.14	4.014	297	6.36	4.076	347	7.65	-4.468
248	5.18	3.396	298	6.39	1.958	348	7.67	-3.591
249	5.21	2.150	299	6.40	0.085	349	7.69	-2.337
250	5.24	-1.592	300	6.42	-1.784	350	7.73	-1.082
301	6.46	-2.405	351	7.20	7.461	381	8.60	-0.947
302	6.49	-4.648	352	7.23	4.964	382	8.62	0.304
303	6.51	-5.095	353	7.24	3.091	383	8.65	1.308
304	6.53	-6.143	354	7.25	0.968	384	8.68	1.313
305	6.57	-3.761	355	7.29	-3.523	385	8.70	0.691
306	6.61	-2.504	356	7.32	-3.269	386	8.73	0.695
307	6.64	-1.250	357	7.36	-3.014	387	8.75	-0.549
308	6.65	-0.248	358	7.39	-3.009	388	8.77	-2.671
309	6.68	-0.494	359	7.41	-2.381	389	8.79	-3.293
310	6.71	-1.114	360	7.43	-1.752	390	8.82	-3.288
311	6.74	-0.234	361	7.48	-2.420	391	8.84	-3.286
312	6.76	0.397	362	7.50	-3.866	392	8.86	-3.032
313	6.78	0.395	363	7.53	-5.111	393	8.89	-1.778
314	6.81	-1.078	364	7.57	-5.356	394	8.90	-0.526
315	6.84	-2.719	365	7.60	-5.352	395	8.93	0.101
316	6.86	-4.215	366	7.63	-5.006	396	8.95	0.729
317	6.89	-4.586	367	7.65	-4.468	397	8.97	0.982
318	6.93	-4.330	368	7.67	-3.591	398	9.00	0.966
319	6.94	-3.328	369	7.69	-2.337	399	9.01	1.614
320	6.97	-1.623	370	7.73	-1.082	400	9.05	2.244

INDEX NO.	335	907-GR-32	TAIRA BRIDGE	LG.	HAX.ACCEL. =	13.140(GAL)	T = 5.96(SEC)	NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	9.08	2.874	451	10.44	0.959	501	11.75	1.538
402	9.12	2.630	452	10.48	2.214	502	11.77	0.542
403	9.15	1.761	453	10.52	0.096	503	11.80	-0.078
404	9.20	-0.105	454	10.54	-1.149	504	11.84	-0.686
405	9.23	-1.725	455	10.56	-2.770	505	11.87	-1.066
406	9.27	-3.845	456	10.57	-3.644	506	11.92	-1.059
407	9.30	-5.090	457	10.59	-4.890	507	11.96	-1.052
408	9.33	-5.086	458	10.63	-4.385	508	12.01	-0.420
409	9.35	-5.082	459	10.66	-3.130	509	12.05	0.211
410	9.38	-4.203	460	10.68	-2.502	510	12.10	1.218
411	9.41	-2.949	461	10.71	-1.497	511	12.14	1.224
412	9.44	-1.444	462	10.74	-0.868	512	12.17	-0.644
413	9.46	-0.191	463	10.77	-0.237	513	12.21	-1.888
414	9.49	1.688	464	10.80	0.014	514	12.24	-2.132
415	9.52	2.691	465	10.83	-0.230	515	12.27	-1.003
416	9.54	3.569	466	10.86	-0.475	516	12.31	-0.372
417	9.56	4.623	467	10.88	-0.845	517	12.35	-0.365
418	9.58	3.951	468	10.91	-0.842	518	12.38	0.637
419	9.61	2.455	469	10.93	-1.463	519	12.40	1.890
420	9.64	1.034	470	10.97	-1.457	520	12.43	3.144
421	9.66	1.836	471	10.98	-0.205	521	12.46	1.902
422	9.70	-0.030	472	11.02	1.674	522	12.51	1.282
423	9.73	-1.650	473	11.05	2.553	523	12.54	1.287
424	9.76	-2.520	474	11.07	2.932	524	12.57	1.917
425	9.77	-2.643	475	11.10	3.561	525	12.60	2.171
426	9.80	-2.914	476	11.11	3.553	526	12.64	1.052
427	9.83	-0.760	477	11.13	3.816	527	12.66	1.556
428	9.84	-0.363	478	11.16	1.693	528	12.68	1.559
429	9.87	-0.127	479	11.18	0.824	529	12.69	1.063
430	9.91	-0.372	480	11.22	1.080	530	12.73	-0.305
431	9.95	-0.356	481	11.25	1.085	531	12.76	-0.801
432	9.98	-0.611	482	11.27	0.484	532	12.79	-0.547
433	10.01	-1.857	483	11.29	-0.157	533	12.81	-0.293
434	10.06	-3.224	484	11.31	0.094	534	12.84	-0.288
435	10.09	-1.346	485	11.33	1.098	535	12.87	0.090
436	10.10	-0.363	486	11.36	-0.146	536	12.91	0.095
437	10.12	-1.509	487	11.38	-0.768	537	12.97	-0.167
438	10.14	-1.587	488	11.41	-1.639	538	12.97	-0.519
439	10.17	-0.957	489	11.43	-2.635	539	12.99	-0.515
440	10.20	0.546	490	11.44	-2.633	540	13.01	0.737
441	10.21	1.546	491	11.46	-2.881	541	13.04	0.991
442	10.22	1.799	492	11.49	-2.626	542	13.07	0.120
443	10.25	2.428	493	11.51	-1.122	543	13.09	-0.499
444	10.26	2.431	494	11.53	-0.494	544	13.12	-0.245
445	10.29	2.435	495	11.57	1.134	545	13.15	0.383
446	10.31	3.065	496	11.60	1.765	546	13.16	1.009
447	10.33	3.686	497	11.62	1.143	547	13.18	2.013
448	10.36	1.966	498	11.66	1.774	548	13.21	1.181
449	10.36	1.573	499	11.68	2.028	549	13.24	0.148
450	10.42	6.705	500	11.72	2.408	550	13.28	0.404
501	11.75	1.538	551	13.04	0.991	591	14.43	5.585
502	11.77	0.542	552	13.07	0.120	592	14.47	5.091
503	11.80	-0.078	553	13.09	-0.499	593	14.51	3.887
504	11.84	-0.686	554	13.12	-0.245	594	14.54	2.853
505	11.87	-1.066	555	13.15	0.383	595	14.57	2.607
506	11.92	-1.059	556	13.16	1.009	596	14.60	1.362
507	11.96	-1.052	557	13.18	2.013	597	14.63	0.366
508	12.01	-0.420	558	13.21	1.181	598	14.66	-1.127
509	12.05	0.211	559	13.24	0.148	599	14.69	-3.372
510	12.10	1.218	560	13.28	0.404	600	14.71	-4.994

INDEX NO.	326	5.7-GR-33	TAIRA BRIDGE	TR.	MAX.ACCEL.*	12.313(GAL)	T= 0.10(SEC)	NO. 2
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	3.66	1.233	251	4.69	0.498	301	6.28	-0.679
202	3.62	-0.143	252	4.92	-0.755	302	6.51	-1.756
203	3.71	-0.332	253	4.95	-1.341	303	6.33	-2.758
204	3.74	-2.899	254	4.99	-1.634	304	6.36	-2.136
205	3.76	-5.772	255	5.03	-1.638	305	6.39	-0.889
206	3.79	-7.025	256	5.05	-1.640	306	6.42	0.607
207	3.82	-6.153	257	5.08	-0.518	307	6.44	2.230
208	3.85	-5.031	258	5.09	0.479	308	6.46	4.353
209	3.88	-0.156	259	5.12	0.476	309	6.48	4.976
210	3.91	3.337	260	5.15	0.725	310	6.51	5.099
211	3.92	5.595	261	5.17	0.721	311	6.54	2.846
212	3.94	7.459	262	5.22	-0.154	312	6.56	1.594
213	3.96	6.708	263	5.24	-2.907	313	6.58	0.491
214	3.99	6.580	264	5.25	-4.533	314	6.63	-0.910
215	4.02	2.027	265	5.28	-4.911	315	6.66	-1.163
216	4.04	0.956	266	5.31	-2.709	316	6.70	-0.667
217	4.06	-1.390	267	5.34	-1.542	317	6.72	-0.919
218	4.09	-3.427	268	5.37	-1.295	318	6.76	-1.797
219	4.11	-4.804	269	5.41	-1.548	319	6.79	-2.175
220	4.13	-5.005	270	5.43	-0.925	320	6.83	-2.170
221	4.15	-5.608	271	5.44	-0.677	321	6.86	-2.181
222	4.17	-4.310	272	5.46	-1.178	322	6.88	-2.183
223	4.19	-2.063	273	5.49	-1.556	323	6.90	-1.310
224	4.21	1.685	274	5.51	-1.108	324	6.93	-0.313
225	4.23	3.683	275	5.53	-0.685	325	6.95	-0.565
226	4.25	5.181	276	5.56	-0.313	326	6.97	-0.942
227	4.26	6.181	277	5.59	-0.065	327	6.99	-1.193
228	4.29	5.302	278	5.61	0.306	328	7.02	0.303
229	4.31	3.051	279	5.64	0.303	329	7.03	1.176
230	4.33	-1.326	280	5.66	0.926	330	7.06	2.173
231	4.36	-4.452	281	5.68	2.424	331	7.08	2.171
232	4.38	-6.454	282	5.70	3.798	332	7.11	2.794
233	4.39	-7.705	283	5.73	3.545	333	7.13	3.042
234	4.43	-6.459	284	5.75	2.043	334	7.16	2.164
235	4.47	-4.337	285	5.78	0.790	335	7.18	0.662
236	4.49	-2.464	286	5.82	0.412	336	7.21	1.704
237	4.51	-1.216	287	5.85	0.660	337	7.24	1.781
238	4.54	-0.844	288	5.89	1.280	338	7.28	1.525
239	4.57	-1.471	289	5.92	1.278	339	7.32	1.274
240	4.60	-2.099	290	5.96	0.149	340	7.35	0.896
241	4.62	-1.476	291	5.98	-1.476	341	7.39	0.268
242	4.65	-0.854	292	6.00	-2.728	342	7.42	-0.359
243	4.68	-0.857	293	6.03	-3.981	343	7.46	-0.987
244	4.71	-1.234	294	6.06	-3.734	344	7.49	-1.240
245	4.74	0.637	295	6.10	-1.488	345	7.51	-1.617
246	4.77	2.258	296	6.13	0.008	346	7.53	-2.494
247	4.79	3.096	297	6.16	1.255	347	7.57	-4.372
248	4.82	3.629	298	6.19	1.877	348	7.59	-4.749
249	4.84	3.627	299	6.22	2.250	349	7.64	-4.254
250	4.87	2.124	300	6.25	1.622	350	7.68	-3.007
251	4.89	1.535						
252	4.91	0.926						
253	4.93	0.306						
254	4.95	-0.115						
255	4.97	-0.540						
256	4.99	-0.965						
257	5.01	-1.390						
258	5.03	-1.815						
259	5.05	-2.240						
260	5.07	-2.665						
261	5.09	-3.090						
262	5.11	-3.515						
263	5.13	-3.940						
264	5.15	-4.365						
265	5.17	-4.790						
266	5.19	-5.215						
267	5.21	-5.640						
268	5.23	-6.065						
269	5.25	-6.490						
270	5.27	-6.915						
271	5.29	-7.340						
272	5.31	-7.765						
273	5.33	-8.190						
274	5.35	-8.615						
275	5.37	-9.040						
276	5.39	-9.465						
277	5.41	-9.890						
278	5.43	-10.315						
279	5.45	-10.740						
280	5.47	-11.165						
281	5.49	-11.590						
282	5.51	-12.015						
283	5.53	-12.440						
284	5.55	-12.865						
285	5.57	-13.290						
286	5.59	-13.715						
287	5.61	-14.140						
288	5.63	-14.565						
289	5.65	-14.990						
290	5.67	-15.415						
291	5.69	-15.840						
292	5.71	-16.265						
293	5.73	-16.690						
294	5.75	-17.115						
295	5.77	-17.540						
296	5.79	-17.965						
297	5.81	-18.390						
298	5.83	-18.815						
299	5.85	-19.240						
300	5.87	-19.665						
301	5.89	-20.090						
302	5.91	-20.515						
303	5.93	-20.940						
304	5.95	-21.365						
305	5.97	-21.790						
306	5.99	-22.215						
307	6.01	-22.640						
308	6.03	-23.065						
309	6.05	-23.490						
310	6.07	-23.915						
311	6.09	-24.340						
312	6.11	-24.765						
313	6.13	-25.190						
314	6.15	-25.615						
315	6.17	-26.040						
316	6.19	-26.465						
317	6.21	-26.890						
318	6.23	-27.315						
319	6.25	-27.740						
320	6.27	-28.165						
321	6.29	-28.590						
322	6.31	-29.015						
323	6.33	-29.440						
324	6.35	-29.865						
325	6.37	-30.290						
326	6.39	-30.715						
327	6.41	-31.140						
328	6.43	-31.565						
329	6.45	-31.990						
330	6.47	-32.415						
331	6.49	-32.840						
332	6.51	-33.265						
333	6.53	-33.690						
334	6.55	-34.115						
335	6.57	-34.540						
336	6.59	-34.965						
337	6.61	-35.390						
338	6.63	-35.815						
339	6.65	-36.240						
340	6.67	-36.665						
341	6.69	-37.090						
342	6.71	-37.515						
343	6.73	-37.940						
344	6.75	-38.365						
345	6.77	-38.790						
346	6.79	-39.215						
347	6.81	-39.640						
348	6.83	-40.065						
349	6.85	-40.490						
350	6.87	-40.915						
351	6.89	-41.340						
352	6.91	-41.765						
353	6.93	-42.190						
354	6.95	-42.615						
355	6.97	-43.040						
356	6.99	-43.465						
357	7.01	-43.890						
358	7.03	-44.315						
359	7.05	-44.740						
360	7.07	-45.165						
361	7.09	-45.590						
362	7.11	-46.015						
363	7.13	-46.440						
364	7.15	-46.865						
365	7.17	-47.290						
366	7.19	-47.715						
367	7.21	-48.140						
368	7.23	-48.565						
369	7.25	-48.990						
370	7.27	-49.415						
371	7.29	-49.840						
372	7.31	-50.265						
373	7.33	-50.690						
374	7.35	-51.115						
375	7.37	-51.540						
376	7.39	-51.965						
377	7.41	-52.390						
378	7.43	-52.815						
379	7.45	-53.240						
380	7.47	-53.665						
381	7.49	-54.090						
382	7.51	-54.515						
383	7.53	-54.940						
384	7.55	-55.365						
385	7.57	-55.790						
386	7.59	-56.215						
387	7.61	-56.640						
388	7.63	-57.065						

Table IV D-38. Digitized Accelerations of Earthquake Record with Index Number 337

INDEX NO. 337	907-GR-33	TAIRA BRIDGE	U-G	MAX. ACCEL. ±	-7.847 (GAL)	T = 0.07 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	1.350	51 1.02	0.012	101 2.02	-3.208	151 3.20	-2.070
2 0.09	0.726	52 1.04	-0.862	102 2.04	-2.585	152 3.21	-3.571
3 0.14	-0.526	53 1.06	-1.245	103 2.06	-0.712	153 3.22	-3.573
4 0.15	2.045	54 1.09	-0.992	104 2.09	-1.159	154 3.22	-2.451
5 0.20	1.991	55 1.12	0.623	105 2.10	1.407	155 3.21	-0.580
6 0.25	-1.787	56 1.14	1.075	106 2.13	0.994	156 3.23	0.041
7 0.26	-2.663	57 1.15	3.124	107 2.16	0.277	157 3.26	0.413
8 0.27	-1.789	58 1.16	4.998	108 2.18	-0.348	158 3.29	0.600
9 0.30	4.456	59 1.18	5.247	109 2.20	0.773	159 3.42	1.657
10 0.32	5.329	60 1.20	3.494	110 2.22	1.771	160 3.46	7.985
11 0.34	3.827	61 1.22	1.618	111 2.25	2.393	161 3.48	2.651
12 0.36	0.700	62 1.24	-0.632	112 2.28	0.266	162 3.50	1.399
13 0.37	-3.050	63 1.26	-2.509	113 2.30	-0.984	163 3.53	0.772
14 0.39	-3.926	64 1.27	-4.011	114 2.32	-2.611	164 3.57	0.393
15 0.41	-3.928	65 1.30	-4.588	115 2.34	-2.803	165 3.59	-0.232
16 0.42	-3.679	66 1.31	-4.139	116 2.36	-2.616	166 3.62	-1.465
17 0.44	-2.431	67 1.33	-2.266	117 2.38	-1.367	167 3.65	-2.738
18 0.46	-0.557	68 1.34	-0.642	118 2.40	0.504	168 3.68	-3.091
19 0.47	3.189	69 1.36	1.229	119 2.43	1.376	169 3.71	-4.618
20 0.49	3.813	70 1.37	3.103	120 2.45	1.374	170 3.73	-2.747
21 0.51	2.561	71 1.39	3.726	121 2.48	0.247	171 3.75	-0.873
22 0.53	1.934	72 1.41	3.974	122 2.50	-1.004	172 3.76	0.375
23 0.55	1.682	73 1.43	3.097	123 2.54	-0.757	173 3.79	0.373
24 0.57	2.555	74 1.45	1.845	124 2.56	0.113	174 3.81	0.370
25 0.58	3.179	75 1.48	-0.905	125 2.59	1.361	175 3.85	-0.257
26 0.60	3.177	76 1.50	-3.157	126 2.61	1.734	176 3.88	-0.085
27 0.62	2.300	77 1.52	-5.034	127 2.64	1.107	177 3.92	-0.263
28 0.64	0.048	78 1.53	-5.286	128 2.66	0.229	178 3.95	0.357
29 0.66	-2.452	79 1.55	-4.413	129 2.69	-2.272	179 3.97	1.229
30 0.68	-3.326	80 1.56	-2.289	130 2.71	-3.274	180 3.99	1.602
31 0.69	-3.079	81 1.58	0.208	131 2.74	-2.651	181 4.04	0.973
32 0.71	-1.206	82 1.59	2.457	132 2.77	-1.155	182 4.07	-0.528
33 0.72	1.291	83 1.61	3.330	133 2.80	0.466	183 4.09	-0.905
34 0.73	3.164	84 1.64	5.577	134 2.83	1.966	184 4.13	-1.533
35 0.75	4.413	85 1.66	4.950	135 2.86	1.210	185 4.16	1.537
36 0.77	5.036	86 1.68	3.073	136 2.89	-2.333	186 4.21	-1.541
37 0.79	5.034	87 1.70	-1.302	137 2.91	1.456	187 4.24	-1.294
38 0.81	3.703	88 1.71	-3.428	138 2.93	0.454	188 4.28	-0.297
39 0.82	1.281	89 1.73	-4.680	139 2.96	-2.297	189 4.31	1.198
40 0.84	-2.459	90 1.75	-4.182	140 2.97	-4.173	190 4.35	0.319
41 0.86	-4.970	91 1.77	-1.308	141 2.99	-5.800	191 4.38	-0.932
42 0.87	-7.847	92 1.79	0.188	142 3.01	-5.802	192 4.40	-1.184
43 0.88	-7.348	93 1.82	1.184	143 3.03	-4.303	193 4.44	-0.888
44 0.90	-6.474	94 1.85	1.432	144 3.05	-0.556	194 4.48	-0.692
45 0.92	0.147	95 1.87	2.429	145 3.07	-2.940	195 4.52	-0.696
46 0.93	2.146	96 1.91	1.551	146 3.09	4.439	196 4.56	-0.699
47 0.95	4.019	97 1.92	0.549	147 3.11	5.688	197 4.59	-1.202
48 0.96	4.018	98 1.96	0.546	148 3.14	5.809	198 4.62	-1.580
49 0.97	2.892	99 1.98	-0.329	149 3.17	2.931	199 4.65	-1.583
50 1.00	1.265	100 2.00	-2.581	150 3.18	-0.193	200 4.69	-1.587

INDEX NO. 337	907-GR-33	TAIRA BRIDGE	U-G	MAX. ACCEL. ±	-7.847 (GAL)	T = 0.07 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 4.72	-0.644	251 6.15	0.397	301 8.02	-0.905	351 9.41	1.429
202 4.75	-0.992	252 6.17	1.645	302 8.04	-1.284	352 9.44	1.427
203 4.77	1.154	253 6.21	2.641	303 8.07	-1.535	353 9.46	-0.075
204 4.78	1.528	254 6.23	2.639	304 8.12	0.583	354 9.49	-0.953
205 4.82	1.525	255 6.26	2.012	305 8.16	0.579	355 9.52	-1.582
206 4.85	0.647	256 6.28	0.759	306 8.20	-0.048	356 9.56	-0.711
207 4.88	-0.354	257 6.30	-0.116	307 8.24	-0.052	357 9.59	0.157
208 4.91	-0.607	258 6.33	-1.368	308 8.29	-0.057	358 9.63	0.529
209 4.94	-0.619	259 6.36	-1.746	309 8.33	-0.060	359 9.67	0.810
210 4.96	-0.112	260 6.37	-1.747	310 8.37	0.810	360 9.71	1.431
211 4.99	0.883	261 6.40	-1.124	311 8.40	1.431	361 9.75	1.429
212 5.02	1.130	262 6.43	0.371	312 8.43	1.429	362 9.79	1.427
213 5.04	0.878	263 6.46	2.618	313 8.46	1.427	363 9.83	1.425
214 5.07	0.251	264 6.48	3.491	314 8.49	-0.075	364 9.87	-0.075
215 5.12	-0.627	265 6.50	3.238	315 8.52	-0.953	365 9.91	-0.953
216 5.16	-0.131	266 6.54	1.110	316 8.56	-1.582	366 9.95	-1.582
217 5.18	0.239	267 6.56	-0.515	317 8.61	-0.711	367 9.99	-0.711
218 5.21	-0.011	268 6.59	-2.018	318 8.65	0.157	368 10.03	0.157
219 5.24	-0.638	269 6.61	-2.395	319 8.69	0.529	369 10.07	0.529
220 5.27	-1.016	270 6.64	-2.147	320 8.73	0.775	370 10.11	0.775
221 5.30	0.226	271 6.69	-0.992	321 8.77	0.271	371 10.15	0.271
222 5.33	-0.823	272 6.74	0.342	322 8.80	-0.730	372 10.19	-0.730
223 5.37	-1.276	273 6.81	0.685	323 8.84	-0.983	373 10.23	-0.983
224 5.40	-2.280	274 6.86	0.080	324 8.87	-0.986	374 10.27	-0.986
225 5.42	-2.281	275 6.91	0.075	325 8.92	-0.491	375 10.31	-0.491
226 5.44	-1.659	276 6.97	-0.178	326 8.97	0.752	376 10.35	0.752
227 5.47	-0.411	277 7.02	0.065	327 9.06	1.494	377 10.39	1.494
228 5.50	0.209	278 7.06	0.081	328 9.12	1.113	378 10.43	1.113
229 5.53	0.206	279 7.11	0.306	329 9.19	0.856	379 10.47	0.856
230 5.55	0.454	280 7.14	0.393	330 9.24	0.476	380 10.51	0.476
231 5.58	0.827	281 7.18	0.299	331 9.28	-0.150	381 10.55	-0.150
232 5.61	2.073	282 7.21	0.047	332 9.31	-0.154	382 10.59	-0.154
233 5.64	2.321	283 7.24	-0.580	333 9.36	-0.150	383 10.63	-0.150
234 5.66	1.444	284 7.28	-1.208	334 9.41	0.461	384 10.67	0.461
235 5.69	0.191	285 7.32	-1.837	335 9.44	0.206	385 10.71	0.206
236 5.72	-1.060	286 7.35	-1.591	336 9.46	0.203	386 10.75	0.203
237 5.75	-1.688	287 7.38	-1.593	337 9.51	0.450	387 10.79	0.450
238 5.78	-1.465	288 7.42	-2.597	338 9.55	1.321	388 10.83	1.321
239 5.82	-1.688	289 7.46	0.897	339 9.58	2.318	389 10.87	2.318
240 5.85	-0.823	290 7.50	1.266	340 9.61	2.566	390 10.91	2.566
241 5.88	-0.825	291 7.55	0.389	341 9.62	2.314	391 10.95	2.314
242 5.91	-1.078	292 7.57	0.011	342 9.66	1.061	392 10.99	1.061
243 5.93	-0.455	293 7.61	0.633	343 9.71	-1.067	393 11.03	-1.067
244 5.96	0.415	294 7.65	0.879	344 9.75	-1.071	394 11.07	-1.071
245 5.98	1.413	295 7.70	0.624	345 9.80	-0.201	395 11.11	-0.201
246 6.01	1.410	296 7.75	0.619	346 9.85	1.043	396 11.15	1.043
247 6.04	0.153	297 7.82	0.362	347 9.88	1.289	397 11.19	1.289
248 6.06	-1.343	298 7.88	-0.267	348 9.91	1.036	398 11.23	1.036
249 6.09	-2.348	299 7.92	-0.271	349 9.95	0.408	399 11.27	0.408
250 6.12	-1.723	300 7.97	-0.651	350 9.98	-0.218	400 11.31	-0.218

Table IV D-39. Digitized Accelerations of Earthquake Record with Index Number 338

INDEX NO. 338	907-GR-33	TAIRA BRIDGE	LG.	MAX. ACCEL. * -17.530 (GAL)	T = 1.09 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)
1 0.0	3.775	51 0.92	3.493	101 1.71	1.699	151 2.53
2 0.07	3.408	52 0.93	1.369	102 1.72	4.576	152 2.55
3 0.09	10.034	53 0.95	-0.502	103 1.74	6.453	153 2.57
4 0.10	12.285	54 0.96	-2.026	104 1.76	7.330	154 2.58
5 0.11	13.537	55 0.98	-7.123	105 1.78	6.832	155 2.59
6 0.12	12.038	56 1.00	-7.372	106 1.80	5.504	156 2.61
7 0.14	-0.459	57 1.01	-10.072	107 1.82	2.711	157 2.63
8 0.16	-3.832	58 1.02	-11.744	108 1.83	-2.205	158 2.64
9 0.19	-2.203	59 1.04	-11.118	109 1.84	-8.034	159 2.65
10 0.22	0.797	60 1.06	-8.866	110 1.86	-9.908	160 2.67
11 0.23	-2.199	61 1.08	-5.739	111 1.87	-12.532	161 2.69
12 0.24	-3.023	62 1.09	-3.737	112 1.88	-15.006	162 2.71
13 0.26	-5.321	63 1.11	-2.485	113 1.89	-17.530	163 2.73
14 0.27	-6.570	64 1.13	-1.608	114 1.91	-15.652	164 2.74
15 0.29	-7.194	65 1.15	8.892	115 1.93	-10.026	165 2.75
16 0.30	-5.693	66 1.17	13.644	116 1.94	-3.649	166 2.77
17 0.31	-2.316	67 1.19	13.166	117 1.96	5.478	167 2.79
18 0.33	1.809	68 1.21	10.897	118 1.98	8.402	168 2.81
19 0.35	2.565	69 1.22	7.524	119 1.99	10.228	169 2.82
20 0.37	2.688	70 1.24	3.025	120 2.00	10.480	170 2.83
21 0.38	3.314	71 1.25	-4.596	121 2.02	10.231	171 2.84
22 0.40	4.440	72 1.26	-6.645	122 2.03	8.358	172 2.86
23 0.42	5.068	73 1.27	-9.344	123 2.05	5.609	173 2.88
24 0.44	-2.053	74 1.28	-11.468	124 2.06	1.408	174 2.90
25 0.45	-6.551	75 1.29	-12.591	125 2.08	-2.511	175 2.91
26 0.47	-8.175	76 1.31	-12.840	126 2.09	-4.510	176 2.92
27 0.49	-6.200	77 1.33	-12.964	127 2.10	-6.383	177 2.94
28 0.51	-3.171	78 1.35	-9.461	128 2.12	-7.381	178 2.95
29 0.53	-0.420	79 1.36	-0.584	129 2.15	-6.734	179 2.96
30 0.54	2.705	80 1.37	8.291	130 2.17	-4.251	180 2.98
31 0.55	9.707	81 1.39	13.667	131 2.20	-4.499	181 2.99
32 0.57	12.958	82 1.41	17.419	132 2.21	-4.248	182 3.02
33 0.58	15.209	83 1.43	17.170	133 2.23	-2.747	183 3.03
34 0.61	15.837	84 1.44	15.047	134 2.25	0.380	184 3.06
35 0.62	13.089	85 1.45	11.298	135 2.27	1.006	185 3.08
36 0.64	3.590	86 1.48	3.675	136 2.30	0.759	186 3.10
37 0.65	-3.282	87 1.49	-0.696	137 2.31	-0.112	187 3.13
38 0.67	-7.779	88 1.50	-3.945	138 2.34	-0.405	188 3.16
39 0.69	-6.003	89 1.51	-5.194	139 2.36	0.140	189 3.18
40 0.71	-6.027	90 1.54	-7.441	140 2.38	2.267	190 3.21
41 0.73	-5.399	91 1.55	-8.054	141 2.39	4.269	191 3.22
42 0.75	-5.397	92 1.58	-7.813	142 2.41	5.895	192 3.25
43 0.77	-5.020	93 1.59	-6.186	143 2.42	7.146	193 3.26
44 0.78	-3.519	94 1.61	-3.309	144 2.43	6.523	194 3.29
45 0.80	-0.017	95 1.62	-2.190	145 2.45	2.150	195 3.31
46 0.81	3.850	96 1.63	3.191	146 2.46	0.026	196 3.33
47 0.83	3.609	97 1.65	3.943	147 2.48	-2.471	197 3.34
48 0.86	1.362	98 1.66	2.695	148 2.49	-4.645	198 3.36
49 0.88	2.615	99 1.68	1.821	149 2.50	-6.094	199 3.37
50 0.90	3.241	100 1.69	0.822	150 2.51	-6.968	200 3.40
201 3.42	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)
202 3.44	-0.375	251 4.66	-2.502	301 6.07	-0.359	351 7.56
203 3.45	1.749	252 4.68	-0.000	302 6.10	-0.731	352 7.58
204 3.46	5.001	253 4.69	1.624	303 6.13	0.145	353 7.61
205 3.47	6.252	254 4.71	3.502	304 6.16	0.523	354 7.64
206 3.49	6.678	255 4.73	4.503	305 6.20	1.152	355 7.68
207 3.50	6.378	256 4.77	3.632	306 6.23	1.155	356 7.70
208 3.51	6.378	257 4.80	2.385	307 6.25	1.408	357 7.74
209 3.53	3.881	258 4.84	0.514	308 6.30	-0.336	358 7.75
210 3.55	0.758	259 4.86	-0.357	309 6.33	-0.083	359 7.78
211 3.56	-0.863	260 4.88	-0.980	310 6.35	0.542	360 7.81
212 3.58	-1.735	261 4.91	-0.726	311 6.37	-0.079	361 7.84
213 3.60	-2.108	262 4.95	-0.473	312 6.40	-1.951	362 7.87
214 3.62	-3.731	263 4.97	-0.096	313 6.43	-3.823	363 7.91
215 3.64	-5.354	264 5.00	0.780	314 6.47	-3.569	364 7.93
216 3.67	-5.351	265 5.01	3.032	315 6.49	-2.942	365 7.97
217 3.70	-4.473	266 5.03	4.534	316 6.53	-2.563	366 7.99
218 3.72	-2.596	267 5.06	5.911	317 6.55	-1.061	367 8.02
219 3.74	-1.344	268 5.08	4.289	318 6.58	0.564	368 8.05
220 3.75	0.530	269 5.12	1.541	319 6.60	2.087	369 8.08
221 3.76	1.781	270 5.16	-1.327	320 6.64	1.821	370 8.11
222 3.79	3.659	271 5.19	-3.198	321 6.68	1.574	371 8.15
223 3.82	2.162	272 5.21	-3.946	322 6.71	1.203	372 8.18
224 3.84	-0.334	273 5.24	-3.068	323 6.74	0.331	373 8.23
225 3.86	-1.582	274 5.29	-0.613	324 6.77	-2.539	374 8.26
226 3.90	-2.453	275 5.32	-0.185	325 6.80	-2.536	375 8.29
227 3.94	-1.949	276 5.35	0.066	326 6.82	-1.909	376 8.31
228 3.96	-0.947	277 5.38	0.444	327 6.85	-1.281	377 8.33
229 4.00	0.304	278 5.39	0.445	328 6.88	-0.654	378 8.35
230 4.02	0.932	279 5.42	-0.800	329 6.91	1.848	379 8.38
231 4.04	1.010	280 5.45	-2.672	330 6.93	2.725	380 8.40
232 4.07	2.136	281 5.46	-3.296	331 6.96	1.853	381 8.43
233 4.10	2.815	282 5.51	-0.791	332 7.00	2.106	382 8.47
234 4.13	4.443	283 5.53	-0.164	333 7.02	2.484	383 8.51
235 4.15	4.022	284 5.55	0.711	334 7.06	0.988	384 8.54
236 4.17	3.772	285 5.58	0.714	335 7.08	-0.632	385 8.57
237 4.20	1.075	286 5.61	1.343	336 7.11	-2.505	386 8.60
238 4.24	-1.660	287 5.66	1.347	337 7.14	-3.377	387 8.62
239 4.27	-2.666	288 5.68	0.475	338 7.16	-4.000	388 8.66
240 4.30	-1.787	289 5.71	-1.395	339 7.19	-3.747	389 8.69
241 4.35	-0.784	290 5.73	-2.643	340 7.22	-3.119	390 8.72
242 4.36	-0.532	291 5.75	-3.516	341 7.24	-1.616	391 8.75
243 4.40	0.470	292 5.79	-3.513	342 7.27	-1.488	392 8.80
244 4.43	1.723	293 5.82	-2.634	343 7.29	-1.486	393 8.84
245 4.47	-0.396	294 5.85	-1.381	344 7.32	-0.358	394 8.86
246 4.51	-3.267	295 5.87	-1.129	345 7.36	1.269	395 8.89
247 4.52	-4.916	296 5.90	-1.376	346 7.40	1.273	396 8.91
248 4.55	-5.880	297 5.94	0.126	347 7.44	0.652	397 8.95
249 4.59	-6.769	298 5.98	1.130	348 7.47	-0.217	398 8.99
250 4.61	-4.032	299 6.02	1.306	349 7.51	-0.839	399 9.03
251 4.64	-5.004	300 6.05	-0.111	350 7.53	-0.587	400 9.06

INDEX NO.	339	207-GK-33	TAIRA BRIDGE	LG.	MAX. ACCEL. = -17.530 (GAL)	T = 1.89 (SEC)	NO. 3
NO.	(SEC)	(GAL)					
401	9.15	0.136					
402	9.13	0.149					
403	9.16	0.452					
404	9.19	0.205					
405	9.22	-0.041					
406	9.26	-0.337					
407	9.29	-0.033					
408	9.32	-0.555					
409	9.37	-0.400					
410	9.40	1.726					
411	9.42	2.103					
412	9.45	2.106					
413	9.49	2.351					
414	9.52	2.364					
415	9.56	2.117					
416	9.58	2.370					
417	9.62	3.624					
418	9.64	4.001					
419	9.66	3.378					
420	9.71	1.885					
421	9.74	0.885					
422	9.77	-0.639					
423	9.80	-0.686					
424	9.84	-0.352					
425	9.85	-0.351					
426	9.86	-0.973					
427	9.92	-0.719					

Table IV D-40. Digitized Accelerations of Earthquake Record with Index Number 339

INDEX NO.	339	204-GK-3	SHINYAMATA B.	TR.	MAX. ACCEL. =	41.630 (GAL)	T = 6.53 (SEC)	NO. 1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	-2.129	51	2.38	-5.879	101	5.10	-23.379
2	0.04	-4.130	52	2.40	-14.629	102	5.20	4.130
3	0.10	-0.379	53	2.50	-14.629	103	5.25	-14.629
4	0.13	-12.129	54	2.60	-14.629	104	5.30	10.380
5	0.20	-2.129	55	2.70	16.630	105	5.32	20.380
6	0.25	0.380	56	2.74	-2.129	106	5.40	-20.879
7	0.30	-2.129	57	2.78	1.630	107	5.50	22.880
8	0.32	-2.129	58	2.80	-4.629	108	5.60	-29.629
9	0.38	-5.879	59	2.85	7.880	109	5.66	16.630
10	0.40	-2.129	60	2.90	-10.879	110	5.70	11.630
11	0.45	4.130	61	3.00	4.130	111	5.72	14.130
12	0.50	1.630	62	3.05	-8.379	112	5.80	-24.629
13	0.53	2.880	63	3.10	-4.629	113	5.90	10.380
14	0.60	-5.879	64	3.12	-0.379	114	5.93	-2.129
15	0.68	-2.129	65	3.16	-2.129	115	6.00	-14.629
16	0.70	-4.629	66	3.20	-5.879	116	6.03	-24.629
17	0.77	2.880	67	3.25	-5.879	117	6.10	10.380
18	0.80	-0.379	68	3.30	10.380	118	6.15	2.880
19	0.85	-12.129	69	3.40	-2.129	119	6.20	22.880
20	0.90	-12.129	70	3.48	-8.379	120	6.30	-20.879
21	0.95	14.130	71	3.50	1.630	121	6.35	35.380
22	1.00	-0.379	72	3.60	-9.629	122	6.40	-8.379
23	1.03	-5.879	73	3.65	-9.629	123	6.45	-20.879
24	1.10	4.130	74	3.70	4.130	124	6.50	10.380
25	1.12	10.380	75	3.75	4.130	125	6.55	41.630
26	1.16	-5.879	76	3.80	-8.379	126	6.60	-24.629
27	1.20	-2.129	77	3.82	-8.379	127	6.70	4.130
28	1.28	-2.129	78	3.90	19.130	128	6.72	-8.379
29	1.30	-8.379	79	3.98	-14.629	129	6.77	12.880
30	1.37	-2.129	80	4.00	-8.379	130	6.80	-14.629
31	1.40	-4.629	81	4.05	14.130	131	6.82	-14.629
32	1.45	2.880	82	4.10	-8.379	132	6.87	-2.129
33	1.50	-2.129	83	4.15	-20.879	133	6.90	-5.879
34	1.55	-0.879	84	4.20	10.380	134	7.00	-2.129
35	1.58	-2.129	85	4.23	22.880	135	7.05	-14.629
36	1.60	-14.629	86	4.30	-8.379	136	7.10	-8.379
37	1.63	1.630	87	4.33	-20.879	137	7.12	-2.129
38	1.70	-4.629	88	4.40	10.380	138	7.20	-24.629
39	1.80	-3.379	89	4.45	-9.629	139	7.25	17.880
40	1.85	4.130	90	4.50	-2.129	140	7.28	9.130
41	1.90	-2.129	91	4.60	10.380	141	7.30	15.380
42	1.95	4.130	92	4.67	-8.379	142	7.35	4.130
43	2.00	-2.129	93	4.70	-2.129	143	7.40	39.130
44	2.07	10.380	94	4.75	4.130	144	7.50	-8.379
45	2.10	-2.129	95	4.80	-4.629	145	7.58	1.630
46	2.15	-7.129	96	4.85	1.630	146	7.60	-14.629
47	2.20	-2.129	97	4.90	-0.879	147	7.63	24.629
48	2.25	12.880	98	4.95	1.630	148	7.66	-24.629
49	2.30	-2.129	99	4.96	-2.129	149	7.70	-33.379
50	2.33	-12.129	100	5.00	22.880	150	7.78	4.130
151	7.80	4.130				151	7.80	4.130
152	7.90	29.130				152	7.90	29.130
153	7.94	-12.129				153	7.94	-12.129
154	7.98	0.380				154	7.98	0.380
155	8.00	-5.879				155	8.00	-5.879
156	8.02	20.380				156	8.02	20.380
157	8.09	-2.129				157	8.09	-2.129
158	8.10	-27.129				158	8.10	-27.129
159	8.15	-2.129				159	8.15	-2.129
160	8.20	16.630				160	8.20	16.630
161	8.22	-18.379				161	8.22	-18.379
162	8.30	-20.879				162	8.30	-20.879
163	8.33	20.380				163	8.33	20.380
164	8.40	14.130				164	8.40	14.130
165	8.43	0.380				165	8.43	0.380
166	8.48	-2.129				166	8.48	-2.129
167	8.50	10.380				167	8.50	10.380
168	8.52	-2.129				168	8.52	-2.129
169	8.58	10.380				169	8.58	10.380
170	8.60	-2.129				170	8.60	-2.129
171	8.70	27.129				171	8.70	27.129
172	8.80	6.630				172	8.80	6.630
173	8.90	-17.129				173	8.90	-17.129
174	9.00	12.880				174	9.00	12.880
175	9.05	-2.129				175	9.05	-2.129
176	9.10	10.380				176	9.10	10.380
177	9.20	10.380				177	9.20	10.380
178	9.30	-20.879				178	9.30	-20.879
179	9.32	-2.129				179	9.32	-2.129
180	9.40	-2.129				180	9.40	-2.129
181	9.42	4.130				181	9.42	4.130
182	9.47	4.130				182	9.47	4.130
183	9.50	-9.629				183	9.50	-9.629
184	9.60	6.630				184	9.60	6.630
185	9.65	-2.129				185	9.65	-2.129
186	9.70	10.380				186	9.70	10.380
187	9.73	22.880				187	9.73	22.880
188	9.80	-2.129				188	9.80	-2.129
189	9.90	10.380				189	9.90	10.380
190	9.97	-12.129				190	9.97	-12.129
191	10.00	-2.129				191	10.00	-2.129
192	10.05	-2.129				192	10.05	-2.129
193	10.07	4.130				193	10.07	4.130
194	10.10	-14.629				194	10.10	-14.629
195	10.13	-2.129				195	10.13	-2.129
196	10.20	12.880				196	10.20	12.880
197	10.25	-0.379				197	10.25	-0.379
198	10.30	-14.629				198	10.30	-14.629
199	10.40	15.380				199	10.40	15.380
200	10.50					200	10.50	15.380

INDEX NO.	339	204-GH-3	SHINYAWATA B.	IR.	MAX.ACCEL. =	41.630(GAL)	T = 0.53(SEC)	NO. 2
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	10.60	-8.379	251	13.80	-14.629	301	17.50	-2.129
202	10.70	29.386	252	13.85	-12.129	302	17.55	10.380
203	10.76	7.880	253	13.90	-14.629	303	17.60	7.880
204	10.80	10.380	254	14.00	12.880	304	17.70	4.130
205	10.90	-8.379	255	14.10	1.630	305	17.80	4.130
206	11.00	10.380	256	14.20	4.130	306	17.90	-8.379
207	11.05	-2.129	257	14.28	4.130	307	17.95	-10.879
208	11.10	-5.879	258	14.30	10.380	308	18.00	7.880
209	11.20	-4.629	259	14.40	-2.129	309	18.10	16.630
210	11.30	22.880	260	14.50	1.630	310	18.20	1.630
211	11.40	-8.379	261	14.55	-2.129	311	18.30	7.880
212	11.50	-14.629	262	14.60	-2.129	312	18.40	-14.629
213	11.60	-8.379	263	14.65	-2.129	313	18.45	-14.629
214	11.65	10.380	264	14.70	10.380	314	18.50	-2.129
215	11.70	7.880	265	14.75	20.380	315	18.60	-2.129
216	11.75	10.380	266	14.80	4.130	316	18.70	4.130
217	11.76	2.880	267	14.90	-8.379	317	18.75	10.380
218	11.80	12.880	268	15.00	-10.879	318	18.80	4.130
219	11.85	6.630	269	15.05	-2.129	319	18.90	22.880
220	11.90	10.380	270	15.10	15.380	320	19.00	-2.129
221	11.97	-2.129	271	15.20	10.380	321	19.10	-14.629
222	12.00	10.380	272	15.30	-10.879	322	19.20	-2.129
223	12.03	12.880	273	15.38	-8.379	323	19.30	4.130
224	12.10	-7.129	274	15.40	-6.379	324	19.35	10.380
225	12.15	4.130	275	15.50	4.130	325	19.40	7.880
226	12.20	-8.379	276	15.55	10.380	326	19.45	10.380
227	12.27	-8.379	277	15.60	-2.129	327	19.50	6.630
228	12.36	-10.879	278	15.70	-6.379	328	19.55	10.380
229	12.40	12.880	279	15.80	16.630	329	19.60	-2.129
230	12.45	-2.129	280	15.90	4.130	330	19.70	-2.129
231	12.50	-4.629	281	16.00	4.130	331	19.80	4.130
232	12.55	-2.129	282	16.05	6.630	332	19.90	10.380
233	12.60	-4.130	283	16.10	-10.879	333	20.00	1.630
234	12.70	-2.129	284	16.20	4.130	334	20.05	-0.879
235	12.80	10.380	285	16.30	-7.129	335	20.10	-8.379
236	12.85	-6.379	286	16.40	16.630	336	20.15	-9.629
237	12.90	-2.129	287	16.50	-2.129	337	20.20	-2.129
238	12.95	-8.379	288	16.60	-14.629	338	20.30	6.630
239	13.00	-2.129	289	16.67	1.630	339	20.40	10.380
240	13.10	10.380	290	16.70	1.630	340	20.50	6.630
241	13.15	15.380	291	16.80	10.380	341	20.60	4.130
242	13.20	10.380	292	16.85	16.630	342	20.70	-12.129
243	13.30	-14.629	293	16.90	10.380	343	20.80	-8.379
244	13.37	-5.879	294	17.00	-8.379	344	20.90	-2.129
245	13.40	-4.629	295	17.10	-8.379	345	21.00	4.130
246	13.50	12.880	296	17.15	-2.129	346	21.10	10.380
247	13.55	0.380	297	17.20	7.880	347	21.20	2.880
248	13.60	10.380	298	17.30	-2.129	348	21.30	4.130
249	13.64	22.880	299	17.35	-10.879	349	21.40	-2.129
250	13.70	-2.129	300	17.40	-5.879	350	21.45	4.130

Table IV D-41. Digitized Accelerations of Earthquake Record with Index Number 340

INDEX NO.	340	204-GH-3	SHINYAWATA B.	U-D	MAX.ACCEL. =	21.120(GAL)	T = 9.65(SEC)	NO. 1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	4.291	51	0.65	-6.811	101	1.20	-2.411
2	0.02	3.038	52	0.67	-5.053	102	1.31	-2.790
3	0.03	0.536	53	0.69	-0.941	103	1.32	-0.042
4	0.05	-2.591	54	0.70	1.180	104	1.33	0.579
5	0.06	-4.591	55	0.71	2.804	105	1.36	0.575
6	0.07	-5.843	56	0.72	4.428	106	1.37	-0.550
7	0.08	-8.344	57	0.73	3.925	107	1.39	-1.178
8	0.09	-5.597	58	0.75	2.673	108	1.41	0.565
9	0.11	-3.099	59	0.76	0.796	109	1.43	1.189
10	0.13	0.396	60	0.78	-0.830	110	1.45	1.811
11	0.14	2.519	61	0.79	-1.707	111	1.47	2.182
12	0.16	3.515	62	0.80	-2.334	112	1.48	2.430
13	0.18	2.880	63	0.81	-2.450	113	1.49	2.178
14	0.19	2.261	64	0.82	-0.211	114	1.50	1.927
15	0.20	-0.064	65	0.83	0.660	115	1.51	0.675
16	0.21	-2.115	66	0.84	-0.216	116	1.52	-0.325
17	0.22	-2.116	67	0.85	-1.092	117	1.55	-0.328
18	0.23	-1.868	68	0.86	-1.718	118	1.56	-0.331
19	0.24	-1.870	69	0.87	-1.220	119	1.58	-0.084
20	0.25	-1.246	70	0.90	0.399	120	1.60	2.410
21	0.27	-0.249	71	0.91	0.147	121	1.61	3.660
22	0.28	1.247	72	0.92	-0.852	122	1.62	0.657
23	0.29	2.495	73	0.93	-2.104	123	1.64	-1.843
24	0.30	6.743	74	0.94	-0.857	124	1.65	-3.470
25	0.31	7.368	75	0.95	-9.607	125	1.66	-5.722
26	0.32	5.866	76	0.96	-0.234	126	1.68	-3.600
27	0.33	-1.635	77	0.98	-0.862	127	1.70	-1.104
28	0.34	-4.011	78	0.99	-2.113	128	1.73	1.015
29	0.35	-4.637	79	1.00	-2.366	129	1.75	2.887
30	0.36	-2.915	80	1.02	-3.743	130	1.76	2.385
31	0.37	-1.516	81	1.03	-4.995	131	1.78	2.382
32	0.39	-0.643	82	1.04	-5.622	132	1.80	3.503
33	0.40	0.643	83	1.05	-4.499	133	1.82	2.001
34	0.41	1.601	84	1.07	-2.627	134	1.83	-0.125
35	0.42	1.599	85	1.08	-2.004	135	1.85	0.120
36	0.44	0.096	86	1.09	-2.255	136	1.88	-0.152
37	0.45	-1.153	87	1.10	-2.881	137	1.89	-1.759
38	0.46	-1.760	88	1.11	-4.133	138	1.91	-0.888
39	0.47	-2.467	89	1.12	-4.384	139	1.93	0.357
40	0.48	-2.784	90	1.13	-2.887	140	1.96	1.603
41	0.50	-2.161	91	1.15	-1.390	141	1.98	2.850
42	0.54	-1.293	92	1.16	0.231	142	1.99	0.098
43	0.55	-0.045	93	1.18	1.728	143	2.01	-3.278
44	0.56	2.452	94	1.19	2.727	144	2.03	-6.406
45	0.55	3.599	95	1.20	3.600	145	2.04	-4.909
46	0.60	2.947	96	1.21	4.098	146	2.06	-4.287
47	0.61	-0.804	97	1.22	3.847	147	2.08	-2.415
48	0.62	-1.680	98	1.24	2.595	148	2.10	-0.292
49	0.63	-3.683	99	1.26	-0.533	149	2.11	1.954
50	0.64	-5.109	100	1.27	-1.534	150	2.12	3.952
161	2.80	0.093	161	2.80	0.093	191	2.99	-3.688
162	2.81	-0.150	162	2.81	-0.150	192	3.01	-3.440
163	2.84	-1.163	163	2.84	-1.163	193	3.04	-2.819
164	2.87	-2.042	164	2.87	-2.042	194	3.06	-2.823
165	2.88	-2.669	165	2.88	-2.669	195	3.09	-1.202
166	2.90	-0.546	166	2.90	-0.546	196	3.10	0.294
167	2.92	1.574	167	2.92	1.574	197	3.11	1.293
168	2.94	0.695	168	2.94	0.695	198	3.12	1.041
169	2.96	0.066	169	2.96	0.066	199	3.14	-0.586
170	2.98	-1.434	170	2.98	-1.434	200	3.15	-1.213

INDEX NO.	340	204-GR-3	SHINYAMATA B.	U-D	MAX. ACCEL. *	21-120 (GAL)	T = 9.65 (SEC)	NO. 2			
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	(GAL)			
201	3.17	-0.340	251	4.17	-0.877	301	4.94	2.124	351	5.72	1.500
202	3.19	1.530	252	4.19	0.994	302	4.96	-0.002	352	5.75	2.745
203	3.20	3.152	253	4.21	2.240	303	4.97	-1.629	353	5.77	3.617
204	3.22	4.024	254	4.23	-1.987	304	4.99	-1.631	354	5.78	3.185
205	3.24	3.772	255	4.24	-1.763	305	5.01	0.230	355	5.81	2.736
206	3.25	2.270	256	4.26	-0.691	306	5.02	0.661	356	5.82	2.483
207	3.27	0.642	257	4.27	0.982	307	5.04	-0.014	357	5.84	1.855
208	3.29	0.633	258	4.29	1.603	308	5.06	0.231	358	5.86	0.853
209	3.31	9.635	259	4.30	1.600	309	5.07	1.104	359	5.89	0.848
210	3.32	-0.615	260	4.33	1.597	310	5.08	1.727	360	5.92	1.468
211	3.35	0.004	261	4.34	2.219	311	5.10	1.225	361	5.95	0.839
212	3.36	0.627	262	4.36	3.091	312	5.11	-0.026	362	5.97	0.211
213	3.39	-1.591	263	4.38	3.987	313	5.13	-0.654	363	5.99	0.297
214	3.41	-2.754	264	4.39	3.286	314	5.15	0.216	364	6.02	8.203
215	3.43	-2.257	265	4.40	4.468	315	5.17	1.837	365	6.03	-0.674
216	3.45	0.237	266	4.42	3.957	316	5.18	2.711	366	6.05	-2.300
217	3.46	2.111	267	4.43	2.331	317	5.20	5.332	367	6.06	-2.677
218	3.47	4.359	268	4.44	-0.795	318	5.21	6.207	368	6.09	-1.057
219	3.50	5.604	269	4.46	-0.547	319	5.22	7.205	369	6.12	0.186
220	3.51	4.353	270	4.47	0.448	320	5.23	7.203	370	6.15	2.056
221	3.53	2.225	271	4.49	0.446	321	5.24	5.076	371	6.16	3.555
222	3.55	-1.527	272	4.51	0.193	322	5.25	3.825	372	6.18	6.676
223	3.57	-4.156	273	4.52	-0.432	323	5.27	2.197	373	6.21	7.922
224	3.58	-5.407	274	4.53	-2.059	324	5.28	0.944	374	6.23	5.544
225	3.61	-3.286	275	4.54	-0.936	325	5.30	-0.307	375	6.24	3.292
226	3.63	-2.040	276	4.55	-5.563	326	5.31	-1.558	376	6.25	1.415
227	3.65	-0.166	277	4.57	-3.440	327	5.33	-2.810	377	6.28	-1.962
228	3.66	1.320	278	4.60	0.554	328	5.34	-4.438	378	6.29	-5.214
229	3.68	1.951	279	4.61	0.927	329	5.35	-6.064	379	6.32	-5.069
230	3.70	1.072	280	4.63	0.299	330	5.36	-7.316	380	6.34	-3.097
231	3.73	0.192	281	4.65	0.045	331	5.37	-5.192	381	6.37	-0.351
232	3.77	-1.688	282	4.67	-0.330	332	5.39	-3.570	382	6.40	1.517
233	3.79	-2.316	283	4.68	-0.082	333	5.40	-2.323	383	6.42	3.513
234	3.82	-2.695	284	4.69	2.414	334	5.41	-1.449	384	6.45	5.134
235	3.84	-1.199	285	4.70	3.788	335	5.42	2.297	385	6.47	5.756
236	3.88	-0.577	286	4.71	5.036	336	5.43	4.046	386	6.50	4.501
237	3.89	0.667	287	4.72	6.659	337	5.44	6.169	387	6.52	0.408
238	3.91	-0.834	288	4.74	5.407	338	5.46	5.667	388	6.53	-1.377
239	3.93	-1.463	289	4.75	4.530	339	5.48	4.039	389	6.54	-3.079
240	3.96	-0.596	290	4.76	3.280	340	5.49	2.161	390	6.56	-5.632
241	3.98	1.277	291	4.77	1.652	341	5.51	0.033	391	6.58	-6.885
242	4.00	2.273	292	4.79	1.024	342	5.53	-1.217	392	6.60	-5.389
243	4.03	1.394	293	4.80	0.146	343	5.55	-0.971	393	6.62	-2.692
244	4.05	-0.232	294	4.82	-2.355	344	5.57	-0.350	394	6.64	-0.395
245	4.06	-0.485	295	4.83	-4.731	345	5.58	-0.351	395	6.66	1.850
246	4.09	-0.480	296	4.85	-3.235	346	5.60	0.519	396	6.68	2.097
247	4.11	-1.117	297	4.87	-2.862	347	5.62	0.807	397	6.70	3.219
248	4.13	-1.744	298	4.89	-1.991	348	5.65	-0.362	398	6.72	4.466
249	4.14	-2.122	299	4.91	-0.369	349	5.66	-1.241	399	6.73	4.214
250	4.16	-2.749	300	4.93	0.077	350	5.69	-0.119	400	6.75	1.711

INDEX NO.	340	204-GR-3	SHINYAMATA B.	U-D	MAX.ACCEL.*	21-120(GAL)	T = 9.65(SEC)	NO. 3			
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)		
401	6.77	1.083	451	7.85	-0.088	501	8.63	1.658	551	9.38	-6.711
402	6.79	1.329	452	7.86	-1.590	502	8.65	2.531	552	9.40	-5.839
403	6.82	1.075	453	7.87	-4.091	503	8.66	4.153	553	9.42	-4.842
404	6.83	0.690	454	7.88	-6.718	504	8.67	2.027	554	9.44	-3.345
405	6.86	-1.179	455	7.90	-5.220	505	8.68	-2.098	555	9.46	-1.098
406	6.88	0.315	456	7.91	-3.348	506	8.69	-3.974	556	9.47	0.773
407	6.90	1.313	457	7.93	-1.477	507	8.70	-6.852	557	9.50	-2.604
408	6.92	1.559	458	7.95	-0.229	508	8.71	-8.478	558	9.51	-7.357
409	6.94	1.305	459	7.97	0.640	509	8.73	-5.355	559	9.52	-9.234
410	6.96	0.677	460	7.99	3.637	510	8.74	-2.608	560	9.54	-11.561
411	7.03	0.046	461	8.01	2.759	511	8.75	0.888	561	9.56	-13.365
412	7.02	-0.581	462	8.03	1.132	512	8.77	0.260	562	9.57	-11.241
413	7.06	-0.211	463	8.04	-0.118	513	8.79	-2.240	563	9.58	-3.993
414	7.10	-1.218	464	8.05	-0.370	514	8.80	-3.742	564	9.59	0.754
415	7.14	-1.674	465	8.07	0.499	515	8.81	-3.244	565	9.60	8.502
416	7.17	-0.979	466	8.09	1.746	516	8.83	-0.098	566	9.61	11.250
417	7.26	0.889	467	8.11	1.994	517	8.85	1.497	567	9.62	16.248
418	7.23	2.510	468	8.13	1.115	518	8.86	2.670	568	9.64	19.496
419	7.25	3.131	469	8.14	0.238	519	8.89	1.616	569	9.65	21.120
420	7.27	4.378	470	8.16	-0.138	520	8.90	1.614	570	9.66	16.992
421	7.28	1.626	471	8.17	1.358	521	8.92	1.362	571	9.67	16.115
422	7.29	0.374	472	8.19	2.606	522	8.95	0.982	572	9.69	14.613
423	7.32	3.119	473	8.20	4.229	523	8.97	1.220	573	9.71	11.735
424	7.33	3.367	474	8.21	3.976	524	8.98	1.851	574	9.72	8.233
425	7.35	0.989	475	8.23	2.724	525	8.99	2.849	575	9.73	5.752
426	7.37	-0.887	476	8.25	0.470	526	9.01	1.672	576	9.74	2.105
427	7.39	-0.389	477	8.27	-0.406	527	9.02	0.094	577	9.75	0.603
428	7.42	1.229	478	8.28	-1.408	528	9.04	-2.406	578	9.76	-1.024
429	7.44	-0.898	479	8.29	0.463	529	9.06	-1.534	579	9.79	-3.151
430	7.46	-1.526	480	8.30	2.337	530	9.07	0.337	580	9.82	-3.781
431	7.49	-1.530	481	8.32	2.1959	531	9.08	1.836	581	9.84	-6.159
432	7.51	-1.1909	482	8.34	1.706	532	9.09	-0.289	582	9.86	-8.037
433	7.52	-2.536	483	8.35	-2.294	533	9.11	-1.542	583	9.88	-10.790
434	7.54	-5.164	484	8.36	-3.545	534	9.12	-4.044	584	9.90	-11.419
435	7.56	-7.667	485	8.38	-2.673	535	9.13	-7.295	585	9.92	-6.672
436	7.58	-6.174	486	8.40	-3.926	536	9.14	-10.047	586	9.93	-6.548
437	7.59	-3.672	487	8.42	-6.180	537	9.15	-11.299	587	9.94	-3.050
438	7.60	-1.424	488	8.44	-5.308	538	9.16	-7.675	588	9.95	0.071
439	7.63	-1.678	489	8.46	-1.563	539	9.18	-2.928	589	9.96	1.985
440	7.65	0.692	490	8.47	1.184	540	9.19	0.192	590	9.97	3.068
441	7.67	2.313	491	8.48	5.653	541	9.20	4.066	591	9.98	-1.307
442	7.71	1.681	492	8.49	7.306	542	9.22	5.938	592	9.99	-4.868
443	7.73	4.306	493	8.51	6.428	543	9.24	8.435	593	10.01	-5.561
444	7.74	6.428	494	8.53	4.175	544	9.25	9.933	594	10.03	-2.440
445	7.75	8.050	495	8.55	2.922	545	9.28	10.679	595	10.06	1.304
446	7.77	7.173	496	8.56	2.045	546	9.30	9.175	596	10.07	5.176
447	7.78	6.171	497	8.58	1.042	547	9.32	5.797	597	10.08	8.301
448	7.80	5.118	498	8.59	0.165	548	9.34	-0.329	598	10.09	10.174
449	7.82	3.046	499	8.60	-0.816	549	9.35	-2.455	599	10.10	12.172
450	7.83	0.538	500	8.62	-0.213	550	9.36	-4.709	600	10.11	10.295

INDEX NO.	340	204-GR-3	SHINYAWATA B.	U-3	MAX.ACCEL.±	21.120(GAL)	T= 9.65(SEC)	NO. 4
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
601	10.13	7.167	651	10.74	-13.536	701	11.70	15.901
602	10.15	5.914	652	10.75	-13.337	702	11.65	15.899
603	10.17	5.035	653	10.93	-11.466	703	12.17	18.270
604	10.18	3.160	654	10.99	-9.968	704	11.84	9.142
605	10.19	-0.716	655	11.05	-9.345	705	11.66	7.514
606	10.20	-4.043	656	11.02	-10.843	706	11.66	6.260
607	10.22	-9.595	657	11.04	-11.726	707	11.90	2.802
608	10.24	-11.545	658	11.08	-10.229	708	11.92	-0.119
609	10.26	-7.851	659	11.09	-4.234	709	11.94	-3.873
610	10.27	-4.353	660	11.10	3.387	710	11.96	-6.750
611	10.28	-1.694	661	11.11	5.010	711	11.97	-11.127
612	10.27	2.672	662	11.12	5.025	712	11.75	-14.127
613	10.30	2.641	663	11.15	6.509	713	11.99	-16.006
614	10.32	3.263	664	11.16	9.627	714	12.02	-16.184
615	10.33	1.305	665	11.18	10.375	715	12.04	-15.369
616	10.36	-0.742	666	11.19	11.998	716	12.07	-12.269
617	10.38	3.078	667	11.20	13.497	717	12.08	-7.875
618	10.39	6.370	668	11.21	12.974	718	12.09	-4.022
619	10.40	0.074	669	11.24	9.664	719	12.11	2.348
620	10.42	10.672	670	11.27	6.905	720	12.12	5.722
621	10.43	9.369	671	11.29	4.482	721	12.13	8.220
622	10.45	7.491	672	11.32	1.227	722	12.14	8.843
623	10.47	6.408	673	11.33	-0.273	723	12.17	9.214
624	10.49	5.235	674	11.34	-2.150	724	12.19	8.505
625	10.51	1.982	675	11.36	-3.402	725	12.21	7.332
626	10.53	-1.394	676	11.37	-5.030	726	12.24	5.202
627	10.54	-3.897	677	11.39	-4.409	727	12.25	3.326
628	10.55	-6.273	678	11.41	-4.411	728	12.26	0.024
629	10.58	-8.152	679	11.43	-5.789	729	12.27	-1.051
630	10.59	-9.030	680	11.44	-7.666	730	12.30	1.068
631	10.61	-10.633	681	11.45	-10.168	731	12.32	2.565
632	10.64	-11.537	682	11.46	-13.420	732	12.33	1.438
633	10.65	-10.039	683	11.48	-8.174	733	12.35	0.435
634	10.66	-6.290	684	11.49	-5.549	734	12.36	0.054
635	10.67	-2.917	685	11.50	-1.801	735	12.40	-1.071
636	10.68	0.029	686	11.52	-0.179	736	12.41	-3.323
637	10.69	3.820	687	11.53	0.442	737	12.43	-5.951
638	10.70	6.326	688	11.54	1.940	738	12.46	-5.331
639	10.72	9.072	689	11.57	3.936	739	12.49	-3.450
640	10.75	10.069	690	11.59	3.682	740	12.52	-3.465
641	10.76	9.816	691	11.60	0.931	741	12.53	-3.718
642	10.79	10.813	692	11.62	-1.945	742	12.56	-4.971
643	10.80	10.180	693	11.64	-4.698	743	12.58	-6.600
644	10.82	7.433	694	11.66	-5.827	744	12.60	-7.228
645	10.84	4.304	695	11.68	-3.330	745	12.63	-3.483
646	10.86	1.926	696	11.70	0.414	746	12.64	-2.735
647	10.88	-0.026	697	11.72	5.911	747	12.66	2.885
648	10.91	-3.705	698	11.73	8.035	748	12.67	1.633
649	10.92	-8.207	699	11.75	11.551	749	12.69	2.080
650	10.93	-10.334	700	11.76	14.030	750	12.71	5.377
651	10.93	-10.334	700	11.76	14.030	750	12.71	5.377

INDEX NO.	340	204-GR-3	SHINYAWATA B.	U-3	MAX.ACCEL.±	21.120(GAL)	T= 9.65(SEC)	NO. 5
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
801	13.75	7.960	851	14.84	-11.539	901	15.90	7.991
802	13.77	7.957	852	14.87	-8.218	902	15.93	4.611
803	13.79	7.953	853	14.89	-4.472	903	15.96	0.231
804	13.81	7.700	854	14.92	-1.976	904	15.99	-1.647
805	13.84	3.946	855	14.93	1.145	905	16.02	-4.152
806	13.86	-1.306	856	14.96	3.141	906	16.05	-6.156
807	13.88	-5.809	857	14.98	5.012	907	16.08	-8.662
808	13.90	-10.188	858	15.01	6.883	908	16.11	-8.667
809	13.91	-12.064	859	15.02	7.505	909	16.16	-5.049
810	13.93	-9.318	860	15.05	6.251	910	16.20	-1.305
811	13.95	-5.945	861	15.06	4.375	911	16.22	0.564
812	13.96	-4.323	862	15.07	1.074	912	16.25	3.559
813	13.98	-0.951	863	15.08	-2.502	913	16.28	4.806
814	14.01	2.293	864	15.10	-4.629	914	16.30	4.051
815	14.02	4.166	865	15.11	-6.006	915	16.33	6.047
816	14.03	7.290	866	15.13	-5.135	916	16.36	4.542
817	14.05	8.286	867	15.15	-1.763	917	16.37	2.040
818	14.10	8.280	868	15.17	-0.141	918	16.39	-0.211
819	14.11	6.402	869	15.20	0.728	919	16.41	-3.589
820	14.14	2.398	870	15.22	0.224	920	16.42	-6.215
821	14.15	-2.978	871	15.23	-1.401	921	16.43	-8.093
822	14.17	-7.106	872	15.26	-3.530	922	16.47	-8.848
823	14.19	-13.659	873	15.29	-4.534	923	16.50	-7.229
824	14.20	-15.736	874	15.31	-5.162	924	16.53	-4.483
825	14.24	-15.093	875	15.34	-3.667	925	16.56	-0.980
826	14.26	-14.872	876	15.37	-3.047	926	16.57	2.508
827	14.27	-13.247	877	15.39	-3.301	927	16.59	4.756
828	14.29	-8.875	878	15.41	-3.054	928	16.60	7.503
829	14.31	-5.003	879	15.44	-2.683	929	16.63	9.124
830	14.32	-0.381	880	15.45	-0.186	930	16.65	8.497
831	14.34	3.239	881	15.47	2.434	931	16.67	7.618
832	14.38	2.859	882	15.48	6.432	932	16.68	3.865
833	14.41	2.978	883	15.50	8.054	933	16.71	-0.867
834	14.45	3.223	884	15.53	8.050	934	16.72	-5.514
835	14.47	3.467	885	15.55	6.547	935	16.74	-9.767
836	14.49	1.341	886	15.56	3.649	936	16.76	-12.270
837	14.51	-0.785	887	15.58	0.917	937	16.79	-13.775
838	14.54	0.707	888	15.60	-1.334	938	16.81	-14.528
839	14.57	1.578	889	15.61	-2.211	939	16.82	-11.530
840	14.60	4.073	890	15.63	-2.214	940	16.84	-9.283
841	14.61	2.321	891	15.65	-1.718	941	16.86	-4.161
842	14.63	-0.179	892	15.67	-3.221	942	16.87	0.161
843	14.66	-2.684	893	15.71	-5.352	943	16.89	2.832
844	14.69	-3.689	894	15.74	-4.232	944	16.91	4.053
845	14.71	-3.893	895	15.77	-1.111	945	16.94	6.199
846	14.73	-2.198	896	15.80	0.757	946	16.97	6.819
847	14.76	-2.451	897	15.84	3.626	947	17.00	6.814
848	14.78	-5.579	898	15.85	6.749	948	17.03	6.309
849	15.80	-8.208	899	15.86	8.672	949	17.07	5.053
850	14.03	-10.336	900	15.88	9.243	950	17.10	3.172
851	14.03	-10.336	900	15.88	9.243	950	17.10	3.172

INDEX NO. 340	204-GR-3	SHINYAMATA B.	U-O	MAX. ACCEL. *	21.120 (GAL)	T = 9.65 (SEC)	NO. 6
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1001 18.43	0.209	1051 19.73	3.250	1101 21.31	-1.627	1151 22.93	-5.015
1002 18.46	1.572	1052 19.76	3.245	1102 21.34	-1.632	1152 22.96	-2.894
1003 18.48	2.575	1053 19.78	0.241	1103 21.37	1.111	1153 23.00	1.473
1004 18.51	2.571	1054 19.80	-1.384	1104 21.38	2.558	1154 23.03	5.592
1005 18.54	1.542	1055 19.82	-4.158	1105 21.41	1.478	1155 23.06	7.714
1006 18.57	-0.185	1056 19.35	-5.767	1106 21.44	-0.025	1156 23.10	6.582
1007 18.59	-2.443	1057 19.85	-4.273	1107 21.47	-0.404	1157 23.13	4.952
1008 18.62	-5.320	1058 19.91	-3.278	1108 21.51	-1.936	1158 23.16	2.158
1009 18.66	-4.323	1059 19.93	-0.155	1109 21.54	-0.165	1159 23.19	-0.931
1010 18.66	-2.453	1060 19.97	3.212	1110 21.57	-0.169	1160 23.23	-5.313
1011 18.70	-1.297	1061 19.99	3.208	1111 21.59	-2.549	1161 23.26	-8.942
1012 18.72	0.912	1062 20.01	1.079	1112 21.62	-4.604	1162 23.28	-7.696
1013 18.74	2.705	1063 20.06	-0.601	1113 21.65	-4.433	1163 23.31	-4.325
1014 18.77	4.030	1064 20.30	-2.304	1114 21.67	-2.938	1164 23.35	-1.206
1015 18.80	3.149	1065 20.11	-3.934	1115 21.71	-0.818	1165 23.42	2.407
1016 18.84	0.644	1066 20.13	-5.188	1116 21.74	0.000	1166 23.50	5.768
1017 18.85	-1.232	1067 20.16	-6.067	1117 21.77	-0.077	1167 23.53	5.763
1018 18.87	-3.359	1068 20.18	-4.945	1118 21.80	-1.082	1168 23.55	3.635
1019 18.89	-6.612	1069 20.20	-1.199	1119 21.82	-1.087	1169 23.58	-1.368
1020 18.90	-8.240	1070 20.24	0.417	1120 21.86	1.405	1170 23.61	-5.373
1021 18.92	-9.118	1071 20.28	1.912	1121 21.90	3.275	1171 23.65	-7.378
1022 18.95	-7.373	1072 20.30	4.158	1122 21.92	5.395	1172 23.68	-6.509
1023 18.98	-1.752	1073 20.32	5.405	1123 21.95	5.142	1173 23.72	-3.390
1024 19.00	2.118	1074 20.35	5.406	1124 21.98	1.761	1174 23.75	0.728
1025 19.02	4.365	1075 20.38	3.896	1125 22.01	-0.116	1175 23.78	2.848
1026 19.05	7.110	1076 20.41	-0.483	1126 22.03	-2.370	1176 23.84	4.839
1027 19.07	6.856	1077 20.44	-3.363	1127 22.06	-3.875	1177 23.89	3.956
1028 19.10	4.727	1078 20.47	-5.241	1128 22.09	-4.879	1178 23.93	0.449
1029 19.13	2.472	1079 20.50	-6.490	1129 22.11	-6.383	1179 23.97	-3.556
1030 19.15	0.593	1080 20.52	-5.250	1130 22.14	-9.388	1180 24.00	-7.435
1031 19.18	-2.785	1081 20.54	-4.004	1131 22.18	-6.894	1181 24.05	-7.568
1032 19.20	-6.288	1082 20.57	-0.633	1132 22.22	-4.150	1182 24.09	-3.824
1033 19.23	-7.292	1083 20.60	1.611	1133 22.25	0.717	1183 24.12	-1.579
1034 19.27	-7.049	1084 20.63	-2.856	1134 22.29	1.962	1184 24.15	1.289
1035 19.31	-5.181	1085 20.66	2.850	1135 22.33	1.330	1185 24.19	2.909
1036 19.33	-2.434	1086 20.70	1.345	1136 22.37	0.074	1186 24.24	2.025
1037 19.36	1.185	1087 20.74	-0.911	1137 22.39	-0.552	1187 24.30	1.266
1038 19.38	3.306	1088 20.78	-1.791	1138 22.42	-0.307	1188 24.36	-0.242
1039 19.42	5.175	1089 20.82	-0.674	1139 22.45	0.936	1189 24.40	-2.373
1040 19.44	5.567	1090 20.87	0.317	1140 22.48	0.682	1190 24.45	-2.506
1041 19.47	5.917	1091 20.91	1.810	1141 22.51	-0.198	1191 24.49	-2.762
1042 19.50	4.287	1092 20.95	2.804	1142 22.54	-2.077	1192 24.52	-2.143
1043 19.53	0.533	1093 21.01	0.045	1143 22.59	-2.460	1193 24.59	-3.402
1044 19.55	-3.045	1094 21.06	-3.462	1144 22.61	-1.587	1194 24.62	-2.533
1045 19.57	-5.722	1095 21.10	-3.718	1145 22.62	-0.590	1195 24.67	-1.915
1046 19.60	-6.352	1096 21.14	-2.224	1146 22.65	-1.279	1196 24.71	-0.296
1047 19.62	-5.731	1097 21.17	-0.354	1147 22.71	2.520	1197 24.74	1.572
1048 19.67	-4.238	1098 21.20	0.898	1148 22.77	1.009	1198 24.78	3.066
1049 19.70	-0.743	1099 21.24	1.757	1149 22.85	-2.561	1199 24.84	2.806
1050 19.71	1.128	1100 21.28	0.250	1150 22.88	-3.756	1200 24.90	0.921

INDEX NO. 340	204-GR-3	SHINYAMATA B.	U-O	MAX. ACCEL. *	21.120 (GAL)	T = 9.65 (SEC)	NO. 7
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1201 25.06	1.517	1251 27.00	-1.288	1301 28.92	5.526	1351 30.82	1.218
1202 25.01	-0.344	1252 27.04	0.570	1302 28.95	5.020	1352 30.86	0.963
1203 25.06	0.270	1253 27.08	2.072	1303 29.01	0.687	1353 30.89	0.582
1204 25.09	0.266	1254 27.14	2.063	1304 29.05	-0.618	1354 30.93	1.201
1205 25.14	-0.365	1255 27.18	2.056	1305 29.07	-0.998		
1206 25.19	-0.748	1256 27.20	1.802	1306 29.12	-0.754		
1207 25.24	0.491	1257 27.25	0.545	1307 29.17	-0.638		
1208 25.28	0.860	1258 27.29	-0.961	1308 29.22	-0.146		
1209 25.32	0.654	1259 27.33	-1.340	1309 29.26	0.846		
1210 25.36	2.098	1260 27.36	-0.096	1310 29.29	2.090		
1211 25.41	2.985	1261 27.39	0.522	1311 29.33	2.959		
1212 25.44	3.585	1262 27.42	1.142	1312 29.38	1.827		
1213 25.46	3.086	1263 27.46	0.240	1313 29.42	0.570		
1214 25.49	1.201	1264 27.50	-0.494	1314 29.46	-1.309		
1215 25.53	-0.677	1265 27.51	-2.620	1315 29.49	-2.564		
1216 25.56	-2.557	1266 27.56	-3.253	1316 29.53	-2.320		
1217 25.59	-2.686	1267 27.59	-1.132	1317 29.56	-2.575		
1218 25.62	-2.691	1268 27.62	0.486	1318 29.59	-1.081		
1219 25.65	-2.071	1269 27.66	1.354	1319 29.62	0.413		
1220 25.68	-1.076	1270 27.71	2.346	1320 29.66	2.031		
1221 25.72	0.415	1271 27.77	2.505	1321 29.70	3.275		
1222 25.78	1.657	1272 27.81	2.329	1322 29.74	3.518		
1223 25.80	1.652	1273 27.86	1.697	1323 29.79	3.885		
1224 25.84	0.771	1274 27.90	2.940	1324 29.83	3.879		
1225 25.88	-0.482	1275 27.91	1.438	1325 29.87	1.997		
1226 25.95	-1.744	1276 27.96	-2.693	1326 29.91	0.492		
1227 25.98	-0.873	1277 28.00	-2.074	1327 29.95	-0.513		
1228 26.01	0.369	1278 28.05	-0.582	1328 29.99	-0.269		
1229 26.04	1.614	1279 28.12	1.280	1329 30.03	-0.526		
1230 26.08	2.232	1280 28.17	1.272	1330 30.08	0.339		
1231 26.15	0.722	1281 28.23	1.887	1331 30.11	1.334		
1232 26.16	-1.153	1282 28.26	0.756	1332 30.14	1.328		
1233 26.22	-2.037	1283 28.33	-0.252	1333 30.19	2.571		
1234 26.26	-2.044	1284 28.36	-1.132	1334 30.24	3.013		
1235 26.29	-2.049	1285 28.40	-1.763	1335 30.29	2.555		
1236 26.34	-0.932	1286 28.44	-0.645	1336 30.32	2.300		
1237 26.38	-0.563	1287 28.46	-0.023	1337 30.35	1.045		
1238 26.44	1.550	1288 28.48	0.346	1338 30.37	-0.832		
1239 26.49	3.186	1289 28.52	0.589	1339 30.40	-1.462		
1240 26.53	1.661	1290 28.56	1.584	1340 30.43	2.092		
1241 26.57	0.654	1291 28.59	3.079	1341 30.47	-1.847		
1242 26.61	-1.475	1292 28.62	4.699	1342 30.49	-0.976		
1243 26.66	-2.233	1293 28.67	2.817	1343 30.52	0.892		
1244 26.72	-0.619	1294 28.69	1.938	1344 30.54	2.763		
1245 26.78	0.620	1295 28.72	0.308	1345 30.59	5.006		
1246 26.82	1.239	1296 28.76	-0.571	1346 30.63	5.250		
1247 26.87	2.106	1297 28.79	-0.077	1347 30.68	3.492		
1248 26.93	-1.526	1298 28.82	1.617	1348 30.72	3.110		
1249 26.95	-2.280	1299 28.85	3.412	1349 30.75	2.230		
1250 26.97	-2.157	1300 28.89	4.655	1350 30.76	1.853		

Table IV D-42. Digitized Accelerations of Earthquake Record with Index Number 341

INDEX NO. 341	204-GR-3	SHINYAKATA B.	LG.	MAX.ACCEL.=-42.129(GAL)	T=0.50(SEC)	NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-4.629	51 2.75	-6.279	101 5.30	1.630	151 8.00	-4.629
2 0.05	-4.629	52 2.80	4.130	102 5.33	10.380	152 8.06	12.880
3 0.10	-0.879	53 2.83	-2.129	103 5.40	-8.379	153 8.10	-4.629
4 0.16	-7.129	54 2.90	1.630	104 5.45	5.380	154 8.20	-4.629
5 0.20	1.630	55 2.98	-14.629	105 5.50	7.880	155 8.25	7.880
6 0.30	-7.129	56 3.00	-4.629	106 5.52	17.880	156 8.30	-20.879
7 0.35	-4.629	57 3.02	0.380	107 5.55	-2.129	157 8.32	14.130
8 0.40	-10.879	58 3.07	-14.629	108 5.60	-29.629	158 8.40	14.130
9 0.43	-4.629	59 3.10	-4.629	109 5.70	7.880	159 8.50	-47.129
10 0.47	-0.879	60 3.12	4.130	110 5.80	-20.879	160 8.58	14.130
11 0.50	4.130	61 3.20	-14.629	111 5.85	7.880	161 8.60	12.880
12 0.55	-2.129	62 3.22	-14.629	112 5.90	-29.629	162 8.65	24.130
13 0.60	4.130	63 3.30	10.380	113 5.95	20.380	163 8.70	20.380
14 0.70	-7.129	64 3.35	1.630	114 6.00	7.880	164 8.80	-35.879
15 0.74	5.380	65 3.40	-17.129	115 6.02	7.880	165 8.83	7.880
16 0.80	-4.629	66 3.50	15.380	116 6.10	-33.379	166 8.90	-4.629
17 0.83	-4.629	67 3.57	-17.129	117 6.15	20.380	167 8.95	-27.129
18 0.85	-10.879	68 3.60	-4.629	118 6.20	-17.129	168 9.00	-4.629
19 0.90	-4.629	69 3.62	10.380	119 6.30	-4.629	169 9.03	7.880
20 0.93	7.880	70 3.70	-4.629	120 6.38	17.880	170 9.10	-12.129
21 1.00	-19.629	71 3.75	-4.629	121 6.40	7.880	171 9.13	5.380
22 1.08	10.380	72 3.80	7.880	122 6.48	32.880	172 9.15	5.380
23 1.11	-4.629	73 3.85	-17.129	123 6.50	-4.629	173 9.20	17.880
24 1.20	-4.629	74 3.90	-10.879	124 6.55	-17.129	174 9.27	-2.129
25 1.25	7.880	75 3.93	5.380	125 6.60	1.630	175 9.30	1.630
26 1.30	-10.879	76 4.00	-17.129	126 6.70	-29.629	176 9.37	12.880
27 1.40	7.880	77 4.05	20.380	127 6.78	11.630	177 9.40	7.880
28 1.50	-7.129	78 4.10	-20.879	128 6.80	-4.629	178 9.43	10.380
29 1.53	2.880	79 4.20	-23.379	129 6.90	-23.379	179 9.50	-17.129
30 1.60	-4.629	80 4.25	14.130	130 7.00	20.380	180 9.60	-17.129
31 1.67	-2.129	81 4.30	1.630	131 7.05	10.380	181 9.65	22.880
32 1.76	-4.629	82 4.35	-10.879	132 7.08	22.880	182 9.70	-4.629
33 1.74	0.380	83 4.40	20.380	133 7.10	-14.629	183 9.75	-10.879
34 1.80	-10.879	84 4.46	-4.629	134 7.12	-17.129	184 9.80	-10.879
35 1.85	-10.879	85 4.50	-2.129	135 7.20	11.630	185 9.87	-10.879
36 1.90	1.630	86 4.53	7.880	136 7.23	-12.129	186 9.90	-4.629
37 1.95	-19.629	87 4.60	-22.129	137 7.28	1.630	187 9.95	7.880
38 2.00	7.880	88 4.70	7.880	138 7.30	-10.879	188 10.00	7.880
39 2.02	11.630	89 4.75	-4.629	139 7.32	-14.629	189 10.05	-17.129
40 2.10	-10.879	90 4.80	1.630	140 7.40	6.630	190 10.10	-13.379
41 2.15	-4.629	91 4.83	-0.879	141 7.45	-0.879	191 10.16	0.380
42 2.20	-4.629	92 4.87	32.880	142 7.48	0.380	192 10.20	-5.879
43 2.23	12.880	93 4.90	-4.629	143 7.50	-14.629	193 10.26	20.380
44 2.30	-4.629	94 4.95	-33.379	144 7.53	-17.129	194 10.30	-0.879
45 2.35	-17.129	95 5.00	-4.629	145 7.60	24.130	195 10.32	-0.879
46 2.40	4.130	96 5.04	24.130	146 7.70	-10.879	196 10.37	-17.129
47 2.50	-17.129	97 5.10	-14.629	147 7.72	-14.629	197 10.40	-14.629
48 2.57	-0.879	98 5.15	11.630	148 7.80	10.380	198 10.50	-4.629
49 2.60	-4.629	99 5.20	-17.129	149 7.90	-17.129	199 10.52	1.630
50 2.70	11.630	100 5.22	-19.629	150 7.95	-19.629	200 10.55	-0.879
201 10.60	25.380	251 13.50	-0.379	301 16.60	14.130	351 20.40	5.380
202 10.70	-7.129	252 13.60	1.630	302 16.70	-4.629	352 20.45	4.130
203 10.75	2.880	253 13.63	-0.879	303 16.80	7.880	353 20.55	17.880
204 10.80	-4.629	254 13.70	22.880	304 16.83	15.380	354 20.60	14.130
205 10.85	-4.629	255 13.80	11.630	305 16.90	11.630	355 20.67	14.130
206 10.90	7.880	256 13.90	5.380	306 17.00	-10.379	356 20.70	7.880
207 10.93	14.130	257 13.98	1.630	307 17.10	5.380	357 20.80	-10.879
208 11.00	-10.879	258 14.00	-14.629	308 17.20	7.880	358 20.90	4.130
209 11.10	1.630	259 14.02	-14.629	309 17.30	1.630	359 20.95	4.130
210 11.15	-20.879	260 14.10	-4.629	310 17.35	10.380	360 21.00	2.880
211 11.20	-10.879	261 14.20	-4.629	311 17.40	5.380	361 21.10	1.630
212 11.25	-4.629	262 14.30	22.880	312 17.50	7.880	362 21.16	15.380
213 11.30	0.380	263 14.40	-0.879	313 17.60	-2.129	363 21.20	15.380
214 11.33	10.380	264 14.50	-10.879	314 17.70	10.380	364 21.26	11.630
215 11.40	-12.129	265 14.52	-14.629	315 17.75	1.630	365 21.30	15.380
216 11.50	26.630	266 14.57	-17.129	316 17.80	1.630	366 21.35	15.380
217 11.60	-4.629	267 14.60	-17.129	317 17.90	5.380	367 21.40	7.880
218 11.62	-14.629	268 14.66	10.380	318 18.00	7.880	368 21.50	-0.879
219 11.70	-7.129	269 14.70	7.880	319 18.05	1.630	369 21.55	-0.879
220 11.78	-4.629	270 14.75	2.880	320 18.10	2.880	370 21.60	4.130
221 11.80	-0.879	271 14.80	7.880	321 18.20	-10.879	371 21.70	4.130
222 11.90	1.630	272 14.90	1.630	322 18.30	11.630	372 21.80	7.880
223 12.00	-17.129	273 14.93	1.630	323 18.40	4.130	373 21.84	10.380
224 12.07	-4.629	274 14.98	5.380	324 18.45	4.130	374 21.90	7.880
225 12.10	-4.629	275 15.00	1.630	325 18.50	-4.629	375 22.00	7.880
226 12.17	11.630	276 15.05	-4.629	326 18.60	11.630	376 22.10	-0.379
227 12.20	1.630	277 15.10	-4.629	327 18.62	1.630	377 22.20	7.880
228 12.25	1.630	278 15.20	2.880	328 18.70	2.880	378 22.25	16.630
229 12.30	5.380	279 15.25	5.380	329 18.80	16.630	379 22.30	14.130
230 12.37	7.880	280 15.30	1.630	330 18.90	-4.629	380 22.40	7.880
231 12.40	-4.629	281 15.35	1.630	331 19.00	1.630	381 22.50	7.880
232 12.48	0.380	282 15.40	-2.129	332 19.05	1.630	382 22.60	1.630
233 12.50	-2.129	283 15.48	7.880	333 19.10	5.380	383 22.63	1.630
234 12.60	-4.629	284 15.50	1.630	334 19.15	2.880	384 22.68	5.380
235 12.63	7.880	285 15.58	7.880	335 19.20	7.880	385 22.70	4.130
236 12.70	-17.129	286 15.60	1.630	336 19.22	7.880	386 22.80	4.130
237 12.80	-4.629	287 15.68	1.630	337 19.30	20.380	387 22.85	8.380
238 12.88	14.130	288 15.70	-0.879	338 19.40	5.380	388 22.90	4.130
239 12.90	7.880	289 15.80	1.630	339 19.50	-4.629	389 22.95	4.130
240 12.94	-0.879	290 15.90	5.380	340 19.60	5.380	390 23.00	7.880
241 13.00	5.380	291 16.00	5.380	341 19.70	5.380		
242 13.05	7.880	292 16.05	1.630	342 19.80	7.880		
243 13.10	1.630	293 16.10	-0.879	343 19.87	17.880		
244 13.13	-2.129	294 16.20	1.630	344 19.90	14.130		
245 13.20	1.630	295 16.25	14.130	345 20.00	-0.879		
246 13.25	-4.629	296 16.30	-4.629	346 20.05	1.630		
247 13.30	7.880	297 16.35	1.630	347 20.10	-2.129		
248 13.34	7.880	298 16.40	1.630	348 20.18	2.880		
249 13.40	-4.629	299 16.45	-4.629	349 20.20	1.630		
250 13.42	-10.379	300 16.50	-4.629	350 20.30	10.380		

INDEX NO. 341	204-GR-3	SHINYAKATA B.	LG.	MAX.ACCEL.=-42.129(GAL)	T=8.50(SEC)	NO. 2	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 10.60	25.380	251 13.50	-0.379	301 16.60	14.130	351 20.40	5.380
202 10.70	-7.129	252 13.60	1.630	302 16.70	-4.629	352 20.45	4.130
203 10.75	2.880	253 13.63	-0.879	303 16.80	7.880	353 20.55	17.880
204 10.80	-4.629	254 13.70	22.880	304 16.83	15.380	354 20.60	14.130
205 10.85	-4.629	255 13.80	11.630	305 16.90	11.630	355 20.67	14.130
206 10.90	7.880	256 13.90	5.380	306 17.00	-10.379	356 20.70	7.880
207 10.93	14.130	257 13.98	1.630	307 17.10	5.380	357 20.80	-10.879
208 11.00	-10.879	258 14.00	-14.629	308 17.20	7.880	358 20.90	4.130
209 11.10	1.630	259 14.02	-14.629	309 17.30	1.630	359 20.95	4.130
210 11.15	-20.879	260 14.10	-4.629	310 17.35	10.380	360 21.00	2.880
211 11.20	-10.879	261 14.20	-4.629	311 17.40	5.380	361 21.10	1.630
212 11.25	-4.629	262 14.30	22.880	312 17.50	7.880	362 21.16	15.380
213 11.30	0.380	263 14.40	-0.879	313 17.60	-2.129	363 21.20	15.380
214 11.33	10.380	264 14.50	-10.879	314 17.70	10.380	364 21.26	11.630
215 11.40	-12.129	265 14.52	-14.629	315 17.75	1.630	365 21.30	15.380
216 11.50	26.630	266 14.57	-17.129	316 17.80	1.630	366 21.35	15.380
217 11.60	-4.629	267 14.60	-17.129	317 17.90	5.380	367 21.40	7.880
218 11.62	-14.629	268 14.66	10.380	318 18.00	7.880	368 21.50	-0.879
219 11.70	-7.129	269 14.70	7.880	319 18.05	1.630	369 21.55	-0.879
220 11.78	-4.629	270 14.75	2.880	320 18.10	2.880	370 21.60	4.130
221 11.80	-0.879	271 14.80	7.880	321 18.20	-10.879	371 21.70	4.130
222 11.90	1.630	272 14.90	1.630	322 18.30	11.630	372 21.80	7.880
223 12.00	-17.129	273 14.93	1.630	323 18.40	4.130	373 21.84	10.380
224 12.07	-4.629	274 14.98	5.3				

Table IV D-43. Digitized Accelerations of Earthquake Record with Index Number 342

INDEX NO. 342	305-GR-5	MINATO BRIDGE	TR.	MAX. ACCEL. ±	-7.063 (GAL)	T = 1.60 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.00	1.808	51 0.98	5.202	101 2.20	-1.065	151 3.74	0.379
2 0.02	2.764	52 1.01	7.512	102 2.22	-0.990	152 3.78	-0.619
3 0.03	2.514	53 1.03	6.887	103 2.24	0.258	153 3.81	0.804
4 0.05	2.514	54 1.05	5.386	104 2.27	1.083	154 3.82	1.504
5 0.07	1.639	55 1.07	3.761	105 2.29	2.750	155 3.87	3.129
6 0.09	-0.609	56 1.10	2.511	106 2.32	3.133	156 3.90	3.379
7 0.10	-1.059	57 1.11	0.637	107 2.34	2.883	157 3.93	4.004
8 0.11	-1.234	58 1.13	-1.237	108 2.37	1.008	158 3.96	3.754
9 0.12	0.639	59 1.14	-2.737	109 2.39	-0.240	159 3.99	3.004
10 0.13	1.264	60 1.17	-4.362	110 2.42	-1.240	160 4.01	5.629
11 0.15	1.989	61 1.21	-4.612	111 2.46	-3.490	161 4.04	4.129
12 0.16	0.309	62 1.25	-4.612	112 2.50	-3.740	162 4.08	2.079
13 0.17	-1.234	63 1.27	-3.407	113 2.55	-4.615	163 4.11	2.253
14 0.19	-3.359	64 1.29	-2.467	114 2.59	-3.491	164 4.14	1.253
15 0.21	-3.734	65 1.32	-1.612	115 2.62	-1.616	165 4.16	-0.070
16 0.22	-2.234	66 1.35	-0.612	116 2.65	-0.991	166 4.19	-2.120
17 0.24	0.014	67 1.40	1.086	117 2.68	-0.616	167 4.22	-3.745
18 0.25	1.515	68 1.41	3.136	118 2.71	-0.886	168 4.24	-4.620
19 0.27	3.763	69 1.44	4.365	119 2.76	-2.116	169 4.27	-4.620
20 0.29	4.388	70 1.45	4.635	120 2.80	-3.741	170 4.29	-4.120
21 0.30	4.388	71 1.48	3.760	121 2.82	-4.366	171 4.32	-3.120
22 0.31	2.888	72 1.50	2.260	122 2.85	-3.116	172 4.36	-1.070
23 0.34	1.261	73 1.53	1.260	123 2.88	-0.616	173 4.38	-0.995
24 0.36	-0.860	74 1.56	1.010	124 2.91	1.257	174 4.41	-1.070
25 0.39	-3.110	75 1.57	0.635	125 2.94	2.507	175 4.44	-3.370
26 0.42	-5.610	76 1.59	0.010	126 2.98	4.381	176 4.48	-3.997
27 0.45	-7.235	77 1.61	-2.488	127 2.98	6.506	177 4.51	-4.621
28 0.47	-7.880	78 1.63	-4.613	128 3.00	7.131	178 4.53	-3.747
29 0.50	-7.610	79 1.65	-5.988	129 3.02	7.131	179 4.57	-1.621
30 0.52	-6.110	80 1.68	-7.863	130 3.05	4.381	180 4.60	-0.371
31 0.53	-4.235	81 1.70	-7.363	131 3.09	1.006	181 4.63	0.252
32 0.54	-1.735	82 1.73	-4.863	132 3.12	-1.492	182 4.66	1.252
33 0.56	1.138	83 1.75	-3.863	133 3.16	-2.117	183 4.69	1.252
34 0.58	1.808	84 1.78	-2.988	134 3.20	-3.117	184 4.72	1.502
35 0.60	1.638	85 1.82	-2.364	135 3.23	-3.992	185 4.76	1.502
36 0.63	1.808	86 1.85	-1.739	136 3.26	-4.992	186 4.79	0.377
37 0.65	2.137	87 1.89	-0.409	137 3.30	-4.367	187 4.82	-0.621
38 0.68	3.762	88 1.90	0.759	138 3.34	-4.368	188 4.84	-0.873
39 0.70	4.387	89 1.92	3.134	139 3.38	-3.118	189 4.87	-0.372
40 0.73	3.512	90 1.94	5.009	140 3.42	-1.618	190 4.90	0.626
41 0.75	2.262	91 1.97	6.509	141 3.45	-0.368	191 4.93	0.876
42 0.76	0.637	92 1.99	7.134	142 3.47	0.630	192 4.97	1.501
43 0.79	-0.236	93 2.02	7.134	143 3.49	1.505	193 5.00	2.126
44 0.81	-0.236	94 2.04	7.134	144 3.51	1.005	194 5.04	2.751
45 0.84	1.262	95 2.07	6.509	145 3.54	-2.493	195 5.07	3.126
46 0.87	2.137	96 2.09	-4.384	146 3.60	-4.368	196 5.09	3.376
47 0.90	1.262	97 2.10	2.259	147 3.63	-4.993	197 5.12	-2.076
48 0.93	0.637	98 2.13	-0.239	148 3.66	-3.743	198 5.15	2.251
49 0.95	2.512	99 2.15	-1.489	149 3.69	-1.888	199 5.18	1.076
50 0.97	4.012	100 2.18	-2.114	150 3.71	0.379	200 5.20	2.126
INDEX NO. 342	305-GR-5	MINATO BRIDGE	TR.	MAX. ACCEL. ±	-7.063 (GAL)	T = 1.60 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 5.22	2.125	251 7.20	2.495	301 8.98	-0.007	351 11.11	2.485
202 5.25	3.125	252 7.23	2.495	302 9.01	-1.507	352 11.15	2.735
203 5.28	2.500	253 7.27	2.745	303 9.05	-2.508	353 11.20	2.485
204 5.34	-0.248	254 7.31	1.670	304 9.09	-2.758	354 11.26	0.610
205 5.41	-1.498	255 7.36	0.995	305 9.13	-1.008	355 11.31	-0.013
206 5.45	-2.498	256 7.41	-0.253	306 9.18	0.615	356 11.37	-0.889
207 5.48	-2.748	257 7.45	-1.503	307 9.21	1.240	357 11.43	-0.639
208 5.53	-5.248	258 7.48	-2.753	308 9.25	1.490	358 11.48	-0.389
209 5.57	-6.623	259 7.52	-3.754	309 9.29	1.240	359 11.52	-0.639
210 5.62	-6.749	260 7.55	-3.129	310 9.33	0.990	360 11.58	-0.389
211 5.67	-6.374	261 7.60	-1.879	311 9.37	2.115	361 11.62	-0.639
212 5.71	-5.759	262 7.63	-1.879	312 9.41	3.115	362 11.67	-0.889
213 5.74	-4.874	263 7.67	-1.629	313 9.45	2.884	363 11.72	-2.764
214 5.78	-3.249	264 7.72	0.244	314 9.49	3.114	364 11.78	-3.140
215 5.81	-2.624	265 7.76	1.494	315 9.52	3.989	365 11.83	-2.515
216 5.83	-2.374	266 7.80	1.869	316 9.57	2.239	366 11.88	-1.015
217 5.87	-0.499	267 7.83	2.494	317 9.60	0.364	367 11.92	-0.640
218 5.91	2.499	268 7.87	2.744	318 9.63	-0.884	368 11.96	0.609
219 5.94	4.374	269 7.90	3.368	319 9.66	-1.259	369 12.00	0.859
220 5.99	4.373	270 7.93	4.618	320 9.70	-2.759	370 12.04	1.483
221 6.04	4.998	271 7.96	4.743	321 9.73	-4.009	371 12.09	2.108
222 6.09	4.748	272 8.00	4.118	322 9.76	-5.634	372 12.12	2.482
223 6.11	4.748	273 8.03	3.118	323 9.80	-6.134	373 12.16	3.107
224 6.15	4.748	274 8.07	1.868	324 9.85	-4.885	374 12.19	3.982
225 6.20	4.373	275 8.10	0.368	325 9.91	-4.260	375 12.24	3.982
226 6.24	4.373	276 8.13	-0.005	326 9.95	-2.010	376 12.30	3.107
227 6.27	3.740	277 8.16	-0.860	327 10.00	0.738	377 12.35	1.232
228 6.31	2.873	278 8.18	-3.130	328 10.04	2.488	378 12.43	-0.641
229 6.35	1.248	279 8.21	-4.380	329 10.09	3.988	379 12.47	-1.891
230 6.39	-0.002	280 8.23	-4.130	330 10.12	4.988	380 12.53	-2.142
231 6.43	-0.876	281 8.26	-3.755	331 10.18	4.363	381 12.56	-3.142
232 6.46	-2.126	282 8.30	-3.131	332 10.23	2.852	382 12.62	-2.517
233 6.49	-3.376	283 8.34	-2.881	333 10.28	2.237	383 12.67	-2.517
234 6.53	-5.001	284 8.37	-2.256	334 10.33	1.237	384 12.72	-2.267
235 6.56	-5.626	285 8.41	-1.256	335 10.38	-0.011	385 12.77	-1.892
236 6.62	-6.001	286 8.43	-1.256	336 10.44	-0.637	386 12.81	-2.267
237 6.67	-8.001	287 8.46	-0.006	337 10.49	-1.511	387 12.86	-1.017
238 6.70	-5.126	288 8.49	2.117	338 10.55	-3.386	388 12.91	-0.393
239 6.73	-4.251	289 8.53	3.992	339 10.60	-4.637	389 12.97	0.230
240 6.77	-2.627	290 8.57	3.742	340 10.63	-5.637	390 13.02	1.480
241 6.81	-1.127	291 8.61	2.242	341 10.68	-5.012	391 13.08	2.730
242 6.83	-0.752	292 8.65	1.242	342 10.72	-3.137	392 13.13	3.980
243 6.87	0.121	293 8.70	-0.257	343 10.77	-1.887	393 13.17	3.730
244 6.90	-1.377	294 8.74	-0.007	344 10.82	-1.012	394 13.22	3.730
245 6.94	-2.002	295 8.77	1.491	345 10.85	-1.887	395 13.27	2.480
246 6.97	-1.377	296 8.81	2.116	346 10.88	-1.887	396 13.32	1.604
247 7.01	-0.127	297 8.85	1.242	347 10.92	-2.137	397 13.36	0.979
248 7.06	1.871	298 8.88	-0.882	348 10.96	-1.262	398 13.41	0.354
249 7.10	2.495	299 8.91	-0.882	349 11.01	0.235	399 13.45	-0.019
250 7.14	2.495	300 8.95	-0.007	350 11.06	1.235	400 13.50	-0.644

INDEX NO. 343	305-GR-5	MINATO BRIDGE	U-D	MAX.ACCEL.*	9.221(GAL)	T= 0.55(SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 7.04	1.656	251 9.23	0.910	301 11.37	0.987	351 14.30	0.751
202 7.09	0.034	252 9.28	-0.361	302 11.42	0.614	352 14.39	-0.110
203 7.15	-1.462	253 9.32	-0.359	303 11.46	-0.258	353 14.46	-0.115
204 7.19	-1.710	254 9.37	-1.357	304 11.49	-0.256	354 14.51	-0.112
205 7.25	-2.332	255 9.41	-0.460	305 11.55	-0.628	355 14.59	1.015
206 7.28	-2.705	256 9.44	-0.103	306 11.60	-0.626	356 14.65	1.643
207 7.33	-2.953	257 9.48	-0.101	307 11.64	-1.074	357 14.75	1.147
208 7.37	-2.076	258 9.53	-2.224	308 11.69	-2.497	358 14.83	1.151
209 7.41	-0.574	259 9.57	-3.222	309 11.76	-2.243	359 14.94	0.157
210 7.45	0.052	260 9.61	-3.470	310 11.80	-1.241	360 15.03	1.036
211 7.47	0.052	261 9.65	-2.593	311 11.84	-0.614	361 15.12	1.165
212 7.48	0.052	262 9.69	-1.091	312 11.89	1.261	362 15.21	1.169
213 7.53	1.054	263 9.75	0.159	313 11.93	1.880	363 15.29	0.549
214 7.57	1.932	264 9.78	1.411	314 11.97	1.640	364 15.40	-0.070
215 7.60	2.308	265 9.83	2.038	315 12.05	-0.604	365 15.49	0.433
216 7.64	1.435	266 9.87	2.415	316 12.12	-0.351	366 15.55	0.186
217 7.67	0.811	267 9.93	0.918	317 12.17	-0.850	367 15.61	0.813
218 7.71	-0.810	268 9.98	-0.328	318 12.22	-0.596	368 15.67	-0.432
219 7.76	-1.057	269 10.03	-1.576	319 12.27	-0.344	369 15.72	0.443
220 7.81	-2.305	270 10.07	-2.823	320 12.32	-0.842	370 15.79	1.697
221 7.85	-2.428	271 10.10	-3.197	321 12.36	-1.215	371 15.85	2.325
222 7.90	-1.426	272 10.14	-3.445	322 12.42	-1.212	372 15.91	1.828
223 7.94	-0.799	273 10.16	-3.194	323 12.47	0.039		
224 7.97	-0.172	274 10.21	-2.317	324 12.55	0.917		
225 8.01	0.702	275 10.25	-1.690	325 12.65	0.047		
226 8.05	0.704	276 10.29	-0.083	326 12.73	0.301		
227 8.10	0.457	277 10.34	1.180	327 12.77	0.678		
228 8.14	0.209	278 10.40	1.190	328 12.84	0.931		
229 8.17	0.210	279 10.45	0.567	329 12.89	1.934		
230 8.22	-0.161	280 10.50	0.320	330 12.95	2.186		
231 8.26	1.089	281 10.55	-0.676	331 13.03	1.690		
232 8.30	1.716	282 10.60	-1.548	332 13.11	1.069		
233 8.34	2.343	283 10.66	-1.295	333 13.18	-0.551		
234 8.38	1.470	284 10.71	-0.418	334 13.23	-1.173		
235 8.43	0.847	285 10.74	0.206	335 13.28	-2.046		
236 8.50	-0.773	286 10.78	0.835	336 13.34	-1.543		
237 8.56	-2.020	287 10.82	1.835	337 13.41	-0.540		
238 8.61	-3.267	288 10.86	2.462	338 13.47	0.981		
239 8.64	-4.141	289 10.89	2.213	339 13.53	0.964		
240 8.68	-4.139	290 10.93	0.965	340 13.60	1.342		
241 8.74	-2.011	291 10.97	-0.031	341 13.67	1.096		
242 8.79	-0.134	292 11.01	-2.155	342 13.74	0.725		
243 8.83	0.116	293 11.05	-2.527	343 13.80	0.102		
244 8.88	-0.380	294 11.09	-2.775	344 13.85	-0.144		
245 8.93	-0.377	295 11.13	-3.398	345 13.89	-0.142		
246 9.00	0.124	296 11.17	-2.271	346 13.95	-0.764		
247 9.05	0.502	297 11.20	-1.895	347 14.00	-0.512		
248 9.10	0.754	298 11.24	-1.268	348 14.05	0.364		
249 9.14	2.006	299 11.28	-0.016	349 14.13	1.360		
250 9.17	1.507	300 11.32	1.234	350 14.19	1.370		

Table IV D-45. Digitized Accelerations of Earthquake Record with Index Number 344

INDEX NO.	344	305-GR-5	MINATO BRIDGE	LG.	MAX. ACCEL. * -12.702 (GAL)	T = 3.95 (SEC)	NO. 1				
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)			
1	0.00	-3.448	51	1.14	2.549	101	2.52	-2.076	151	4.18	4.670
2	0.02	-0.698	52	1.16	0.674	102	2.55	-1.576	152	4.22	6.920
3	0.03	2.950	53	1.19	-0.824	103	2.58	-0.951	153	4.25	6.170
4	0.04	3.050	54	1.21	-2.450	104	2.61	-2.201	154	4.27	10.045
5	0.05	3.675	55	1.23	-3.200	105	2.64	-4.701	155	4.31	9.170
6	0.08	4.425	56	1.27	-1.325	106	2.67	-5.451	156	4.35	7.545
7	0.10	4.425	57	1.28	0.799	107	2.70	-5.951	157	4.39	5.420
8	0.12	5.050	58	1.31	2.423	108	2.71	-4.826	158	4.43	4.795
9	0.15	5.300	59	1.33	3.048	109	2.74	-3.576	159	4.45	5.670
10	0.16	6.306	60	1.36	3.923	110	2.78	-2.951	160	4.48	6.920
11	0.17	5.424	61	1.38	4.298	111	2.81	-2.326	161	4.52	6.670
12	0.18	5.424	62	1.41	4.048	112	2.84	-1.326	162	4.56	5.670
13	0.20	1.924	63	1.45	3.423	113	2.87	-1.076	163	4.60	3.545
14	0.22	-0.574	64	1.47	3.423	114	2.89	-0.076	164	4.65	1.045
15	0.24	-2.699	65	1.50	5.048	115	2.91	0.797	165	4.68	-1.203
16	0.25	-4.974	66	1.52	5.673	116	2.94	1.797	166	4.73	-3.203
17	0.27	-5.074	67	1.55	3.798	117	2.98	2.047	167	4.76	-4.453
18	0.29	-6.324	68	1.57	1.298	118	3.01	2.422	168	4.80	-6.578
19	0.31	-7.574	69	1.59	-1.700	119	3.05	1.547	169	4.84	-7.328
20	0.34	-8.825	70	1.62	-3.200	120	3.10	-0.326	170	4.87	-4.828
21	0.37	-7.324	71	1.64	-4.700	121	3.13	-1.951	171	4.92	-3.203
22	0.39	-4.449	72	1.68	-6.575	122	3.16	-3.201	172	4.96	-1.953
23	0.42	-1.949	73	1.71	-6.325	123	3.19	-3.452	173	5.00	-1.953
24	0.44	-0.674	74	1.74	-0.950	124	3.25	-2.952	174	5.05	-2.578
25	0.47	1.799	75	1.78	-7.825	125	3.28	-1.702	175	5.10	-3.203
26	0.50	1.799	76	1.81	-8.200	126	3.31	0.546	176	5.15	-4.204
27	0.52	1.174	77	1.84	-8.450	127	3.34	2.671	177	5.21	-3.204
28	0.55	-0.324	78	1.88	-6.325	128	3.37	4.571	178	5.24	-1.704
29	0.56	-2.199	79	1.90	-4.200	129	3.40	5.296	179	5.28	0.169
30	0.60	-3.449	80	1.93	-3.200	130	3.45	5.921	180	5.32	2.044
31	0.63	-4.699	81	1.96	-2.950	131	3.49	6.546	181	5.36	2.169
32	0.65	-4.449	82	1.98	-1.950	132	3.53	6.546	182	5.40	1.794
33	0.68	-2.574	83	2.02	-0.075	133	3.57	5.671	183	5.44	2.044
34	0.70	-1.324	84	2.05	0.173	134	3.61	5.921	184	5.48	1.544
35	0.73	-1.074	85	2.07	0.549	135	3.66	4.421	185	5.51	1.544
36	0.76	-0.699	86	2.10	2.948	136	3.69	2.296	186	5.56	2.569
37	0.78	-0.949	87	2.14	3.298	137	3.71	-0.202	187	5.61	3.919
38	0.80	0.549	88	2.16	3.298	138	3.74	-3.827	188	5.64	5.294
39	0.83	2.674	89	2.19	3.047	139	3.77	-5.702	189	5.68	5.919
40	0.86	5.674	90	2.22	3.922	140	3.82	-6.952	190	5.72	6.544
41	0.88	6.299	91	2.24	5.297	141	3.85	-8.202	191	5.76	6.644
42	0.91	6.569	92	2.28	6.197	142	3.87	-10.077	192	5.80	4.169
43	0.97	4.799	93	2.31	7.172	143	3.92	-11.627	193	5.84	1.919
44	0.99	3.549	94	2.34	8.797	144	3.95	-12.702	194	5.88	1.044
45	1.01	2.549	95	2.36	8.797	145	3.97	-12.452	195	5.92	-0.204
46	1.02	1.674	96	2.39	8.922	146	4.02	-11.702	196	5.97	-0.829
47	1.04	1.299	97	2.42	3.797	147	4.05	-6.702	197	6.04	-1.454
48	1.05	0.824	98	2.44	1.922	148	4.09	-3.952	198	6.08	-2.454
49	1.07	0.924	99	2.47	-0.826	149	4.13	-1.327	199	6.13	-3.454
50	1.11	2.549	100	2.49	-1.826	150	4.16	1.795	200	6.17	-3.630

INDEX NO.	344	305-GH-5	MINATO BRIDGE	LG.	MAX.ACCEL.=	-12.702(GAL)	T= 3.95(SEC)	NO. 2			
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)		
201	6.20	-4.080	251	0.35	-0.332	301	11.31	3.683	351	14.53	2.410
202	6.25	-4.080	252	0.61	-7.502	302	11.36	4.208	352	14.61	2.410
203	6.30	-3.580	253	0.66	-8.207	303	11.41	4.663	353	14.67	1.785
204	6.34	-2.580	254	0.70	-6.082	304	11.47	4.663	354	14.77	1.785
205	6.39	-1.955	255	0.74	-4.032	305	11.54	4.163	355	14.82	1.535
206	6.43	-0.455	256	0.79	-2.957	306	11.60	2.913	356	14.87	1.160
207	6.46	0.793	257	0.83	-1.082	307	11.66	1.208	357	14.93	0.535
208	6.53	1.418	258	0.88	0.761	308	11.71	-1.210	358	14.99	-0.080
209	6.58	0.918	259	0.94	1.791	309	11.77	-3.035	359	15.05	-0.963
210	6.62	0.293	260	0.99	1.791	310	11.82	-4.710	360	15.13	-1.339
211	6.67	-0.705	261	9.05	1.166	311	11.89	-3.635	361	15.21	-1.339
212	6.72	0.160	262	9.13	1.165	312	11.97	-4.085	362	15.27	0.535
213	6.77	2.043	263	9.19	1.790	313	12.05	-2.960	363	15.34	2.034
214	6.80	2.418	264	9.24	1.540	314	12.10	-1.960	364	15.40	2.034
215	6.84	2.418	265	9.30	0.915	315	12.17	-0.086	365	15.46	2.034
216	6.87	2.080	266	9.34	0.915	316	12.24	1.787	366	15.47	1.784
217	6.92	1.543	267	9.42	-0.708	317	12.29	2.412	367	15.51	0.910
218	6.97	2.668	268	9.48	-0.083	318	12.35	3.207	368	15.56	0.535
219	7.00	4.293	269	9.54	-0.958	319	12.41	4.662	369	15.61	-1.339
220	7.05	6.293	270	9.60	-1.583	320	12.47	3.787	370	15.66	-1.589
221	7.10	5.668	271	9.65	-1.958	321	12.56	1.287	371	15.70	-1.964
222	7.15	3.792	272	9.73	-1.333	322	12.64	-0.211	372	15.75	-0.464
223	7.19	1.467	273	9.78	-0.083	323	12.71	-0.836	373	15.79	0.765
224	7.23	-0.591	274	9.84	-1.333	324	12.76	-1.211	374	15.85	1.784
225	7.27	-2.081	275	9.91	-2.833	325	12.84	-1.461			
226	7.30	-2.706	276	9.95	-3.208	326	12.90	-1.836			
227	7.37	-5.331	277	10.01	-3.208	327	12.97	-2.211			
228	7.45	-7.831	278	10.08	-2.333	328	13.03	-0.585			
229	7.46	-8.832	279	10.13	-1.084	329	13.09	-1.836			
230	7.52	-7.581	280	10.20	-0.459	330	13.16	-0.962			
231	7.57	-0.081	281	10.25	-0.459	331	13.22	0.286			
232	7.61	-5.081	282	10.30	-0.084	332	13.30	-0.587			
233	7.65	-2.331	283	10.36	0.789	333	13.35	-1.212			
234	7.70	1.417	284	10.41	2.414	334	13.43	0.681			
235	7.75	1.167	285	10.48	2.789	335	13.50	2.786			
236	7.81	0.542	286	10.53	1.164	336	13.57	4.636			
237	7.87	1.417	287	10.58	1.414	337	13.63	3.786			
238	7.91	2.667	288	10.64	0.914	338	13.69	3.161			
239	7.95	3.042	289	10.69	0.914	339	13.76	2.286			
240	7.99	3.917	290	10.74	1.164	340	13.83	1.661			
241	8.03	5.292	291	10.79	0.914	341	13.92	0.036			
242	8.08	6.292	292	10.85	-0.334	342	13.97	-1.837			
243	8.13	6.081	293	10.90	-2.834	343	14.05	-3.837			
244	8.17	5.666	294	10.94	-5.709	344	14.12	-4.087			
245	8.22	3.541	295	11.02	-6.334	345	14.17	-5.213			
246	8.25	2.916	296	11.06	-5.084	346	14.23	-2.588			
247	8.32	0.416	297	11.07	-5.084	347	14.30	-1.338			
248	8.36	-1.832	298	11.14	-1.960	348	14.35	-0.713			
249	8.42	-3.457	299	11.19	-0.450	349	14.43	-0.463			
250	8.49	-5.332	300	11.26	-1.163	350	14.47	0.535			

Table IV D-46. Digitized Accelerations of Earthquake Record with Index Number 345

INDEX NO.	345	311-GR-5	TOYOHAMA BRIDGE	LG.	MAX. ACCEL. =	10.756(GAL)	T = 4.15(SEC)	NO. 1			
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	0.400	51	1.09	-1.016	101	2.35	4.411	151	3.48	-8.387
2	0.02	0.397	52	1.12	-1.021	102	2.37	6.532	152	3.49	-7.765
3	0.05	-0.231	53	1.15	-1.275	103	2.39	7.905	153	3.50	-5.266
4	0.07	-0.483	54	1.18	-0.780	104	2.41	7.901	154	3.53	-3.395
5	0.09	1.011	55	1.21	-0.410	105	2.43	5.774	155	3.55	-2.149
6	0.11	1.258	56	1.25	-0.416	106	2.44	3.272	156	3.58	-1.280
7	0.13	0.130	57	1.27	-0.169	107	2.45	0.521	157	3.62	0.088
8	0.16	-0.873	58	1.32	2.322	108	2.46	-4.356	158	3.66	1.957
9	0.18	-1.750	59	1.33	3.569	109	2.49	-3.734	159	3.68	2.579
10	0.19	-3.004	60	1.35	4.817	110	2.53	2.134	160	3.72	2.324
11	0.22	-3.381	61	1.38	5.438	111	2.58	0.628	161	3.74	2.945
12	0.24	-2.135	62	1.41	5.182	112	2.58	0.002	162	3.76	3.817
13	0.26	-0.638	63	1.45	4.302	113	2.60	-0.251	163	3.78	2.063
14	0.28	-1.516	64	1.47	3.048	114	2.63	0.618	164	3.81	-0.339
15	0.31	-2.146	65	1.49	1.794	115	2.66	1.688	165	3.83	-2.942
16	0.34	-1.275	66	1.52	0.165	116	2.68	1.234	166	3.84	-3.569
17	0.36	-0.278	67	1.54	-1.386	117	2.71	-0.943	167	3.88	-5.825
18	0.38	-0.282	68	1.57	-3.841	118	2.73	-2.146	168	3.90	-8.079
19	0.40	-0.535	69	1.58	-4.842	119	2.75	-3.774	169	3.93	-8.207
20	0.41	-0.911	70	1.61	-6.972	120	2.77	-5.277	170	3.95	-5.961
21	0.44	-3.041	71	1.62	-7.724	121	2.80	-7.532	171	3.97	-4.088
22	0.46	1.204	72	1.65	-7.728	122	2.83	-6.661	172	3.99	-1.968
23	0.48	2.451	73	1.68	-6.057	123	2.85	-4.165	173	4.02	-0.221
24	0.50	2.822	74	1.70	-5.361	124	2.88	-2.544	174	4.04	1.273
25	0.53	2.569	75	1.72	-4.113	125	2.91	-1.924	175	4.06	4.395
26	0.55	1.565	76	1.74	-3.742	126	2.93	-2.178	176	4.08	6.017
27	0.57	0.918	77	1.76	-3.497	127	2.96	-2.556	177	4.09	7.640
28	0.59	2.809	78	1.80	-1.001	128	2.97	-0.434	178	4.10	8.639
29	0.61	3.681	79	1.81	0.746	129	2.99	1.813	179	4.11	9.867
30	0.62	4.679	80	1.82	2.243	130	3.01	4.933	180	4.13	10.509
31	0.64	4.926	81	1.85	2.239	131	3.04	6.804	181	4.15	10.756
32	0.66	2.768	82	1.88	1.984	132	3.06	8.175	182	4.17	9.628
33	0.68	0.269	83	1.91	2.230	133	3.09	9.046	183	4.19	8.625
34	0.71	-2.832	84	1.95	2.848	134	3.11	7.293	184	4.21	10.497
35	0.73	-3.450	85	1.98	1.718	135	3.13	5.040	185	4.23	10.244
36	0.75	-3.484	86	2.01	1.339	136	3.14	3.163	186	4.25	8.366
37	0.77	-2.594	87	2.03	1.961	137	3.15	-0.087	187	4.27	3.612
38	0.81	-1.597	88	2.05	2.207	138	3.17	-3.214	188	4.28	1.755
39	0.83	-0.726	89	2.09	0.702	139	3.19	-4.092	189	4.31	-0.266
40	0.85	-0.104	90	2.10	-6.799	140	3.21	-3.220	190	4.33	-0.520
41	0.88	-0.358	91	2.13	-2.052	141	3.23	-1.340	191	4.36	-2.774
42	0.89	-0.611	92	2.15	-3.306	142	3.25	0.771	192	4.38	-5.278
43	0.92	-0.115	93	2.18	-3.935	143	3.27	3.892	193	4.40	-7.155
44	0.94	-0.117	94	2.20	-2.814	144	3.29	4.889	194	4.43	-8.535
45	0.96	-0.370	95	2.22	-1.556	145	3.32	4.635	195	4.45	-8.789
46	0.98	-1.624	96	2.24	-0.570	146	3.36	1.505	196	4.48	-8.543
47	1.03	-2.252	97	2.27	-0.574	147	3.38	-1.623	197	4.50	-7.922
48	1.01	-2.504	98	2.29	-1.203	148	3.41	-3.501	198	4.52	-8.799
49	1.03	-2.932	99	2.31	-1.205	149	3.43	-6.755	199	4.54	-11.428
50	1.06	-1.635	100	2.33	0.290	150	3.45	-7.260	200	4.56	0.942

INDEX NO.	345	311-GR-5	TOYOHAMA BRIDGE	LG.	MAX. ACCEL. =	10.756 (GAL)	T = 4.15 (SEC)	NO. 2	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201	4.56	1.189	251	5.85	2.850	301	6.93	351	8.27
202	4.62	1.559	252	5.88	3.238	302	6.98	352	8.30
203	4.65	2.179	253	5.91	1.358	303	6.98	353	8.32
204	4.68	3.874	254	5.94	-0.768	304	7.01	354	8.36
205	4.70	6.670	255	5.95	-2.646	305	7.04	355	8.36
206	4.73	5.291	256	5.96	-3.272	306	7.07	356	8.39
207	4.75	5.539	257	6.00	-3.277	307	7.10	357	8.43
208	4.76	6.411	258	6.03	-3.283	308	7.12	358	8.46
209	4.78	3.784	259	6.05	-2.410	309	7.15	359	8.50
210	4.81	4.655	260	6.07	-0.914	310	7.18	360	8.54
211	4.83	5.526	261	6.09	1.580	311	7.20	361	8.57
212	4.85	5.898	262	6.11	3.273	312	7.22	362	8.59
213	4.87	3.144	263	6.13	3.200	313	7.25	363	8.61
214	4.89	-0.356	264	6.15	2.577	314	7.26	364	8.63
215	4.90	-3.109	265	6.18	2.817	315	7.28	365	8.65
216	4.93	-5.384	266	6.19	4.005	316	7.31	366	8.68
217	4.98	-5.620	267	6.22	2.561	317	7.33	367	8.69
218	5.02	-5.751	268	6.23	-0.189	318	7.36	368	8.73
219	5.05	-4.756	269	6.25	-1.817	319	7.37	369	8.76
220	5.07	-3.510	270	6.27	-2.070	320	7.38	370	8.79
221	5.10	-2.264	271	6.31	-0.952	321	7.40	371	8.81
222	5.12	-0.769	272	6.34	1.292	322	7.42	372	8.85
223	5.15	-0.397	273	6.35	2.789	323	7.45	373	8.88
224	5.18	-0.151	274	6.38	3.785	324	7.47	374	8.91
225	5.21	1.467	275	6.41	3.531	325	7.49	375	8.93
226	5.24	1.713	276	6.44	1.652	326	7.52	376	8.98
227	5.26	1.709	277	6.46	0.023	327	7.55	377	9.00
228	5.29	2.330	278	6.49	-1.229	328	7.57	378	9.03
229	5.32	3.753	279	6.52	-1.234	329	7.60	379	9.05
230	5.35	4.196	280	6.54	-1.238	330	7.61	380	9.08
231	5.38	5.441	281	6.56	-1.241	331	7.64	381	9.11
232	5.41	6.061	282	6.59	-1.070	332	7.68	382	9.13
233	5.43	6.433	283	6.61	-5.250	333	7.72	383	9.16
234	5.45	4.929	284	6.64	-0.252	334	7.75	384	9.19
235	5.49	1.174	285	6.66	-6.256	335	7.78	385	9.21
236	5.50	-0.451	286	6.67	-5.633	336	7.85	386	9.26
237	5.51	-1.320	287	6.69	-3.760	337	7.88	387	9.31
238	5.53	-2.580	288	6.70	-1.637	338	7.90	388	9.32
239	5.57	-3.587	289	6.72	2.733	339	7.93	389	9.35
240	5.59	-2.340	290	6.73	4.355	340	7.96	390	9.38
241	5.62	-1.469	291	6.75	5.228	341	7.99	391	9.40
242	5.64	-0.847	292	6.78	5.848	342	8.01	392	9.44
243	5.66	-0.851	293	6.80	0.220	343	8.04	393	9.47
244	5.68	-1.979	294	6.83	5.966	344	8.08	394	9.52
245	5.70	-3.857	295	6.86	5.961	345	8.11	395	9.54
246	5.72	-4.063	296	6.88	6.208	346	8.14	396	9.56
247	5.75	-4.240	297	6.90	4.955	347	8.16	397	9.59
248	5.77	-2.993	298	6.91	2.453	348	8.20	398	9.62
249	5.80	-1.122	299	6.92	-0.297	349	8.22	399	9.64
250	5.82	1.622	300	6.94	-3.424	350	8.25	400	9.67
301	6.93		351	8.25	-0.463	401	9.40	451	9.85
302	6.98		352	8.28	-2.340	402	9.44	452	9.88
303	6.98		353	8.31	-2.095	403	9.47	453	9.91
304	7.01		354	8.34	-0.226	404	9.52	454	9.94
305	7.04		355	8.37	0.017	405	9.56	455	9.97
306	7.07		356	8.40	-0.485	406	9.58	456	10.00
307	7.10		357	8.43	-1.114	407	9.59	457	10.03
308	7.12		358	8.46	-0.869	408	9.62	458	10.06
309	7.15		359	8.49	0.375	409	9.64	459	10.09
310	7.18		360	8.54	0.120	410	9.67	460	10.12

INDEX NO.	345	311-GR-5	TOYOHAMA BRIDGE	LG.	MAX. ACCEL. =	10.756 (GAL)	T = 4.15 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
401	9.70	-5.225	451	11.32	-0.978	501	13.63	0.530
402	9.72	-5.103	452	11.38	-0.736	502	13.67	0.156
403	9.75	-5.108	453	11.43	0.129	503	13.70	-1.347
404	9.79	-3.617	454	11.48	0.748	504	13.74	-0.853
405	9.81	-3.617	455	11.51	0.242	505	13.76	0.139
406	9.83	-0.871	456	11.57	-2.015	506	13.83	0.382
407	9.86	0.999	457	11.60	-2.270	507	13.87	1.375
408	9.88	1.995	458	11.63	-2.025	508	13.90	1.620
409	9.92	-0.134	459	11.69	-0.159	509	13.94	0.114
410	9.95	-1.763	460	11.78	1.701	510	13.97	-1.387
411	9.96	-2.390	461	11.83	0.442	511	14.03	-2.647
412	10.00	-2.396	462	11.87	-0.813	512	14.06	-2.402
413	10.03	-2.150	463	11.92	-0.820	513	14.10	-1.158
414	10.06	-1.780	464	11.98	-0.828	514	14.13	-0.913
415	10.08	-1.158	465	12.03	-1.712	515	14.18	-0.545
416	10.10	-1.162	466	12.06	-2.967	516	14.20	0.074
417	10.12	-0.915	467	12.11	-1.224	517	14.23	1.571
418	10.14	0.080	468	12.16	1.016	518	14.26	2.566
419	10.18	1.574	469	12.20	0.760	519	14.26	2.563
420	10.21	1.319	470	12.24	0.129	520	14.33	0.055
421	10.25	-0.560	471	12.30	-0.503	521	14.36	-1.198
422	10.28	-0.940	472	12.35	-0.011	522	14.38	-1.451
423	10.32	0.928	473	12.38	0.607	523	14.42	-1.456
424	10.35	1.297	474	12.42	0.601	524	14.46	-2.087
425	10.37	1.043	475	12.47	0.092	525	14.48	-2.716
426	10.42	0.412	476	12.53	0.083	526	14.52	-2.221
427	10.47	0.994	477	12.57	0.578	527	14.55	-0.661
428	10.50	1.294	478	12.62	0.369	528	14.59	-0.357
429	10.53	1.519	479	12.68	1.184	529	14.62	-0.362
430	10.57	1.513	480	12.73	2.176	530	14.67	-0.369
431	10.59	1.509	481	12.78	2.795	531	14.70	0.250
432	10.63	2.128	482	12.83	1.287	532	14.74	1.869
433	10.67	2.493	483	12.86	-0.341	533	14.78	2.488
434	10.70	3.742	484	12.90	-1.597	534	14.80	2.234
435	10.74	5.237	485	12.93	-2.227	535	14.85	2.227
436	10.77	5.231	486	12.98	-2.234	536	14.89	2.470
437	10.81	4.101	487	13.04	-1.994			
438	10.85	1.219	488	13.08	-1.375			
439	10.86	-0.659	489	13.11	-0.755			
440	10.91	-2.789	490	13.16	0.486			
441	10.95	-4.045	491	13.19	0.855			
442	10.99	-3.551	492	13.23	0.225			
443	11.03	-1.682	493	13.27	-0.654			
444	11.07	-0.459	494	13.32	-1.288			
445	11.11	-0.370	495	13.34	-1.686			
446	11.15	-0.075	496	13.40	-0.425			
447	11.19	-0.707	497	13.48	-0.188			
448	11.23	-0.713	498	13.52	0.180			
449	11.26	0.530	499	13.56	0.424			
450	11.30	-0.359	500	13.59	0.793			

Table IV D-47. Digitized Accelerations of Earthquake Record with Index Number 346

INDEX NO. 346	311-GR-5	TOYOHAMA BRIDGE	U-D	MAX. ACCEL. ±	4.836(GAL)	T = 7.07(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-0.893	51 1.74	0.157	101 3.11	-0.606	151 4.40	-0.497
2 0.10	-0.279	52 1.77	-0.085	102 3.14	0.264	152 4.43	-0.506
3 0.15	0.333	53 1.80	-0.389	103 3.16	0.307	153 4.43	1.373
4 0.24	0.329	54 1.83	0.156	104 3.19	1.508	154 4.45	1.745
5 0.31	0.572	55 1.85	0.406	105 3.21	0.631	155 4.47	0.868
6 0.37	-0.065	56 1.89	0.400	106 3.23	-0.264	156 4.50	-0.133
7 0.44	-0.566	57 1.91	-0.100	107 3.26	-1.498	157 4.54	-0.767
8 0.50	-0.072	58 1.95	-0.729	108 3.28	-2.125	158 4.56	-0.764
9 0.56	0.295	59 1.98	-1.733	109 3.29	-1.076	159 4.61	-0.769
10 0.60	0.297	60 2.01	-1.486	110 3.31	-1.004	160 4.62	-0.521
11 0.63	-0.961	61 2.04	-0.864	111 3.36	-0.008	161 4.66	-0.150
12 0.64	-1.213	62 2.07	0.130	112 3.38	0.612	162 4.68	0.096
13 0.67	-0.090	63 2.10	0.752	113 3.41	0.609	163 4.73	0.215
14 0.70	1.777	64 2.14	0.748	114 3.44	-0.267	164 4.75	-0.705
15 0.73	2.151	65 2.16	0.745	115 3.45	-0.644	165 4.77	-1.412
16 0.76	1.608	66 2.19	0.992	116 3.49	1.226	166 4.79	-0.789
17 0.79	0.896	67 2.22	-1.614	117 3.51	2.698	167 4.81	1.001
18 0.81	0.643	68 2.26	2.235	118 3.54	2.095	168 4.84	1.703
19 0.84	0.015	69 2.29	2.231	119 3.57	2.467	169 4.86	1.701
20 0.86	-1.236	70 2.32	1.978	120 3.59	3.089	170 4.88	1.440
21 0.87	-2.487	71 2.35	0.725	121 3.62	2.211	171 4.91	1.071
22 0.91	-1.991	72 2.37	0.090	122 3.65	1.208	172 4.93	1.310
23 0.94	-0.745	73 2.39	0.345	123 3.67	0.854	173 4.98	2.313
24 0.96	-0.748	74 2.41	1.343	124 3.69	0.953	174 5.01	2.059
25 1.00	-1.251	75 2.44	1.590	125 3.73	1.200	175 5.04	1.681
26 1.03	-0.380	76 2.47	0.711	126 3.75	2.072	176 5.08	1.427
27 1.06	-1.007	77 2.50	0.084	127 3.79	2.443	177 5.10	0.799
28 1.07	-1.636	78 2.52	-0.791	128 3.82	2.430	178 5.13	-0.202
29 1.10	-2.512	79 2.54	-1.169	129 3.85	2.106	179 5.15	-1.078
30 1.13	-1.391	80 2.56	-0.921	130 3.87	2.683	180 5.18	-1.457
31 1.16	-0.768	81 2.57	1.326	131 3.90	3.056	181 5.20	-1.209
32 1.19	-0.771	82 2.58	2.199	132 3.92	1.803	182 5.22	0.412
33 1.21	-0.774	83 2.61	-2.322	133 3.94	0.391	183 5.26	-0.465
34 1.24	-0.153	84 2.63	-0.554	134 3.96	-0.074	184 5.28	-1.718
35 1.27	0.842	85 2.64	-1.430	135 4.01	0.543	185 5.29	-2.344
36 1.30	1.464	86 2.67	-2.683	136 4.03	0.291	186 5.32	-1.547
37 1.33	1.211	87 2.70	-1.561	137 4.06	0.538	187 5.35	-1.225
38 1.36	0.832	88 2.71	-0.313	138 4.10	-0.339	188 5.38	-0.853
39 1.38	-0.043	89 2.73	0.933	139 4.11	-0.968	189 5.41	-0.856
40 1.40	-0.045	90 2.77	0.429	140 4.12	-0.967	190 5.44	-0.860
41 1.43	0.450	91 2.79	-0.821	141 4.15	0.153	191 5.48	-0.614
42 1.46	0.822	92 2.81	-0.324	142 4.16	0.777	192 5.50	-0.617
43 1.49	0.810	93 2.85	-0.328	143 4.18	0.775	193 5.54	-0.870
44 1.53	0.564	94 2.88	0.042	144 4.22	-1.602	194 5.57	-1.124
45 1.56	-0.963	95 2.92	-0.586	145 4.24	-2.605	195 5.60	-1.127
46 1.58	-0.690	96 2.96	-0.840	146 4.28	-2.859	196 5.62	-0.629
47 1.61	-0.693	97 2.99	-0.593	147 4.31	-2.612	197 5.64	-0.632
48 1.64	0.427	98 3.02	-0.346	148 4.34	-1.999	198 5.67	-0.635
49 1.67	1.049	99 3.05	-0.601	149 4.36	-1.743	199 5.69	0.611
50 1.69	1.046	100 3.09	-0.854	150 4.37	-1.369	200 5.70	1.610
201 5.74	2.680	251 7.15	1.627	301 8.60	-0.829	351 10.41	-0.398
202 5.77	2.477	252 7.18	0.573	302 8.64	-0.583	352 10.45	-1.405
203 5.80	2.474	253 7.22	-0.429	303 8.68	-0.587	353 10.48	-1.407
204 5.83	2.646	254 7.24	-1.056	304 8.73	-0.842	354 10.51	-0.786
205 5.86	1.900	255 7.25	-1.307	305 8.78	-0.973	355 10.56	-1.415
206 5.89	0.715	256 7.29	-0.811	306 8.83	-0.603	356 10.60	-1.420
207 5.92	0.086	257 7.30	0.435	307 8.87	0.265	357 10.64	-1.425
208 5.95	-0.083	258 7.33	1.058	308 8.90	0.637	358 10.66	-0.802
209 5.97	0.080	259 7.36	0.179	309 8.93	-0.614	359 10.70	-0.181
210 6.01	0.077	260 7.38	-1.322	310 8.96	-1.860	360 10.73	0.084
211 6.04	-0.550	261 7.40	-2.574	311 8.99	-2.122	361 10.77	0.435
212 6.06	-0.553	262 7.43	-1.452	312 9.03	-0.999	362 10.79	0.432
213 6.09	-1.100	263 7.46	-0.830	313 9.07	-0.604	363 10.82	0.179
214 6.11	-0.058	264 7.49	-0.458	314 9.12	-0.610	364 10.85	-0.447
215 6.15	0.561	265 7.52	-0.461	315 9.17	-0.015	365 10.87	-0.469
216 6.18	0.557	266 7.54	-0.464	316 9.22	0.228	366 10.91	-0.204
217 6.21	0.054	267 7.57	-0.467	317 9.29	0.595	367 10.94	-0.207
218 6.25	-0.948	268 7.59	0.779	318 9.34	0.590	368 10.99	0.410
219 6.27	-1.575	269 7.61	1.401	319 9.38	0.586	369 11.04	0.030
220 6.30	-1.829	270 7.63	2.025	320 9.42	-0.642	370 11.08	-0.223
221 6.33	-1.332	271 7.65	1.397	321 9.46	-0.046	371 11.13	-0.478
222 6.37	-0.086	272 7.68	-0.104	322 9.50	0.198	372 11.18	-0.234
223 6.40	0.335	273 7.70	-0.106	323 9.52	-0.302	373 11.22	-0.238
224 6.42	0.331	274 7.72	-0.108	324 9.56	-0.932	374 11.26	0.381
225 6.45	0.028	275 7.75	-0.487	325 9.62	-1.063	375 11.29	0.129
226 6.47	0.276	276 7.77	-0.739	326 9.66	-1.316	376 11.32	-0.249
227 6.50	0.298	277 7.80	-0.742	327 9.72	-1.324	377 11.36	-0.003
228 6.52	0.896	278 7.83	-0.495	328 9.75	-1.953	378 11.39	-0.006
229 6.55	0.018	279 7.86	-0.248	329 9.80	-2.582	379 11.42	-0.009
230 6.59	-1.850	280 7.89	-0.752	330 9.83	-2.336	380 11.46	-0.263
231 6.61	-2.237	281 7.91	-2.064	331 9.85	-1.963	381 11.48	-0.691
232 6.63	-2.490	282 7.93	-2.631	332 9.86	-1.089	382 11.50	-1.143
233 6.65	-1.617	283 7.95	-1.750	333 9.89	0.156	383 11.53	-1.521
234 6.67	-0.934	284 7.96	-0.084	334 9.91	0.778	384 11.57	-0.276
235 6.69	-0.906	285 7.98	0.362	335 9.94	1.400	385 11.60	0.344
236 6.72	-1.624	286 8.00	1.150	336 9.97	1.147	386 11.64	0.339
237 6.75	-2.253	287 8.03	1.356	337 10.04	0.519	387 11.68	0.166
238 6.79	-2.257	288 8.06	0.103	338 10.02	0.517	388 11.72	0.331
239 6.81	-2.009	289 8.12	-0.526	339 10.04	1.140	389 11.74	0.079
240 6.85	-1.014	290 8.15	-0.530	340 10.07	2.011	390 11.77	-0.298
241 6.88	-0.142	291 8.17	-0.786	341 10.10	0.883	391 11.81	-1.552
242 6.90	0.654	292 8.24	-0.783	342 10.12	-0.367	392 11.84	-1.604
243 6.93	1.475	293 8.30	-0.545	343 10.16	-0.746	393 11.87	-1.039
244 6.97	1.471	294 8.34	-0.926	344 10.19	-0.750	394 11.93	-0.940
245 7.00	1.455	295 8.36	-1.180	345 10.22	-0.753	395 11.96	-0.693
246 7.01	2.092	296 8.42	-0.934	346 10.26	-0.750	396 12.00	-0.322
247 7.04	3.509	297 8.47	-0.564	347 10.30	-0.512	397 12.04	-0.576
248 7.07	4.636	298 8.52	-0.318	348 10.33	-0.745	398 12.06	0.544
249 7.10	4.583	299 8.53	0.052	349 10.35	-0.142	399 12.10	0.539
250 7.12	3.340	300 8.56	-0.574	350 10.37	3.728	400 12.14	-0.333

INDEX NO. 346	311-GR-5	TOYOHAMA BRIDGE	U-D	MAX. ACCEL. 4.835(GAL)	T: 7.07(SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)			
401 12.19	-0.706	451 14.33	1.292			
402 12.21	-0.971	452 14.42	0.663			
403 12.26	0.522	453 14.46	1.284			
404 12.29	0.894	454 14.50	1.280			
405 12.31	0.267	455 14.55	0.647			
406 12.35	0.212	456 14.58	0.396			
407 12.40	-0.366	457 14.61	0.643			
408 12.44	-0.371	458 14.66	1.262			
409 12.47	-0.374	459 14.70	0.633			
410 12.50	-0.127	460 14.72	0.632			
411 12.52	0.868	461 14.76	0.377			
412 12.57	0.238	462 14.81	-0.625			
413 12.61	-0.639	463 14.85	-0.379			
414 12.65	-1.269	464 14.88	0.239			
415 12.69	-1.273					
416 12.75	-0.780					
417 12.81	-0.161					
418 12.88	0.454					
419 12.94	0.823					
420 12.97	0.819					
421 13.01	0.815					
422 13.05	0.811					
423 13.09	1.431					
424 13.12	1.170					
425 13.16	0.799					
426 13.19	1.420					
427 13.23	2.041					
428 13.26	2.010					
429 13.32	0.781					
430 13.37	0.151					
431 13.41	-0.102					
432 13.44	-0.479					
433 13.51	-0.237					
434 13.57	-0.439					
435 13.61	-0.748					
436 13.67	0.119					
437 13.72	0.363					
438 13.75	0.360					
439 13.80	0.982					
440 13.84	0.975					
441 13.87	0.471					
442 13.91	-0.156					
443 13.95	-0.535					
444 14.01	0.081					
445 14.12	0.695					
446 14.17	0.690					
447 14.22	0.934					
448 14.27	1.554					
449 14.32	1.924					
450 14.34	1.672					

Table IV D-48. Digitized Accelerations of Earthquake Record with Index Number 347

INDEX NO.	347	311-GR-5	TOYOHAMA BRIDGE	TR.	MAX. ACCEL. 9.980(GAL)	T: 4.44(SEC)	NO. 1	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	-3.234	51	1.08	0.126	101	2.03	1.489
2	0.05	0.514	52	1.11	0.126	102	2.05	3.114
3	0.07	-0.359	53	1.13	0.126	103	2.06	5.065
4	0.10	-1.360	54	1.15	0.500	104	2.09	6.865
5	0.12	-1.610	55	1.18	-0.123	105	2.10	5.365
6	0.14	-1.935	56	1.20	-1.623	106	2.11	2.863
7	0.17	-0.736	57	1.21	-2.623	107	2.13	-3.885
8	0.18	0.137	58	1.23	-2.874	108	2.14	-4.760
9	0.21	1.137	59	1.25	-2.374	109	2.16	-5.135
10	0.23	0.667	60	1.27	-1.374	110	2.16	-3.885
11	0.25	0.512	61	1.30	-0.499	111	2.20	-3.261
12	0.26	-0.112	62	1.31	-0.125	112	2.24	-3.511
13	0.29	0.512	63	1.33	-0.125	113	2.27	-3.886
14	0.31	1.136	64	1.37	-0.375	114	2.29	-3.637
15	0.33	1.760	65	1.39	-0.376	115	2.31	-3.637
16	0.35	3.010	66	1.41	0.748	116	2.33	-2.012
17	0.37	3.010	67	1.42	1.747	117	2.35	-0.512
18	0.40	2.135	68	1.43	2.372	118	2.37	0.735
19	0.42	1.509	69	1.46	2.622	119	2.38	1.735
20	0.45	1.134	70	1.49	2.621	120	2.39	1.485
21	0.47	1.134	71	1.52	2.621	121	2.40	0.485
22	0.49	1.133	72	1.54	2.621	122	2.42	-0.763
23	0.51	0.883	73	1.56	2.370	123	2.43	-2.013
24	0.54	0.883	74	1.58	2.370	124	2.44	-3.264
25	0.56	0.508	75	1.60	2.120	125	2.46	-3.889
26	0.58	-0.741	76	1.62	0.495	126	2.48	-2.659
27	0.59	-1.366	77	1.63	-0.754	127	2.50	-0.139
28	0.61	-1.991	78	1.65	-2.879	128	2.51	1.734
29	0.63	-1.991	79	1.67	-5.129	129	2.52	2.608
30	0.67	-1.117	80	1.68	-6.379	130	2.53	3.233
31	0.69	-0.117	81	1.70	-6.629	131	2.54	2.733
32	0.70	0.506	82	1.72	-6.130	132	2.56	2.108
33	0.72	-0.117	83	1.73	-5.130	133	2.58	0.233
34	0.74	-1.368	84	1.74	-4.255	134	2.62	1.982
35	0.75	-2.618	85	1.76	-3.005	135	2.63	1.107
36	0.77	-2.868	86	1.77	-2.005	136	2.66	-0.766
37	0.79	-1.993	87	1.79	-1.381	137	2.68	-1.642
38	0.81	-1.366	88	1.81	0.742	138	2.70	-0.142
39	0.82	-0.744	89	1.82	3.617	139	2.72	1.106
40	0.85	-0.494	90	1.84	5.617	140	2.74	1.731
41	0.88	-0.119	91	1.87	6.491	141	2.76	1.730
42	0.89	0.128	92	1.88	6.241	142	2.78	0.460
43	0.91	0.753	93	1.90	4.991	143	2.80	-0.768
44	0.93	0.503	94	1.91	3.741	144	2.81	-2.266
45	0.95	-0.745	95	1.93	2.491	145	2.83	-3.268
46	0.96	-2.620	96	1.95	1.240	146	2.86	-3.019
47	0.99	-1.746	97	1.97	-0.258	147	2.89	-2.019
48	1.02	-1.121	98	1.99	-0.883	148	2.91	-0.769
49	1.04	-0.746	99	2.02	-0.883	149	2.92	1.728
50	1.06	-0.497	100	2.02	0.240	150	2.93	2.603
151	2.95	3.603	151	2.95	3.603	151	2.95	3.603
152	2.97	2.353	152	2.97	2.353	152	2.97	2.353
153	2.99	0.853	153	2.99	0.853	153	2.99	0.853
154	3.01	-0.771	154	3.01	-0.771	154	3.01	-0.771
155	3.02	-2.021	155	3.02	-2.021	155	3.02	-2.021
156	3.05	-3.896	156	3.05	-3.896	156	3.05	-3.896
157	3.07	-3.646	157	3.07	-3.646	157	3.07	-3.646
158	3.08	-1.772	158	3.08	-1.772	158	3.08	-1.772
159	3.09	-0.522	159	3.09	-0.522	159	3.09	-0.522
160	3.11	0.101	160	3.11	0.101	160	3.11	0.101
161	3.14	0.476	161	3.14	0.476	161	3.14	0.476
162	3.16	-0.773	162	3.16	-0.773	162	3.16	-0.773
163	3.17	-2.023	163	3.17	-2.023	163	3.17	-2.023
164	3.19	-3.273	164	3.19	-3.273	164	3.19	-3.273
165	3.20	-3.896	165	3.20	-3.896	165	3.20	-3.896
166	3.22	-3.023	166	3.22	-3.023	166	3.22	-3.023
167	3.24	4.224	167	3.24	4.224	167	3.24	4.224
168	3.26	6.474	168	3.26	6.474	168	3.26	6.474
169	3.27	6.349	169	3.27	6.349	169	3.27	6.349
170	3.28	9.349	170	3.28	9.349	170	3.28	9.349
171	3.30	9.349	171	3.30	9.349	171	3.30	9.349
172	3.31	0.099	172	3.31	0.099	172	3.31	0.099
173	3.34	3.348	173	3.34	3.348	173	3.34	3.348
174	3.36	3.098	174	3.36	3.098	174	3.36	3.098
175	3.38	1.223	175	3.38	1.223	175	3.38	1.223
176	3.40	-0.650	176	3.40	-0.650	176	3.40	-0.650
177	3.41	-2.526	177	3.41	-2.526	177	3.41	-2.526
178	3.43	-4.151	178	3.43	-4.151	178	3.43	-4.151
179	3.44	-4.526	179	3.44	-4.526	179	3.44	-4.526
180	3.45	-3.026	180	3.45	-3.026	180	3.45	-3.026
181	3.46	-1.401	181	3.46	-1.401	181	3.46	-1.401
182	3.48	2.347	182	3.48	2.347	182	3.48	2.347
183	3.50	3.596	183	3.50	3.596	183	3.50	3.596
184	3.51	3.846	184	3.51	3.846	184	3.51	3.846
185	3.53	3.846	185	3.53	3.846	185	3.53	3.846
186	3.55	2.971	186	3.55	2.971	186	3.55	2.971
187	3.58	1.470	187	3.58	1.470	187	3.58	1.470
188	3.59	0.220	188	3.59	0.220	188	3.59	0.220
189	3.60	-1.403	189	3.60	-1.403	189	3.60	-1.403
190	3.62	-2.278	190	3.62	-2.278	190	3.62	-2.278
191	3.64	-2.278	191	3.64	-2.278	191	3.64	-2.278
192	3.65	-2.280	192	3.65	-2.280	192	3.65	-2.280
193	3.66	-1.780	193	3.66	-1.780	193	3.66	-1.780
194	3.68	-0.779	194	3.68	-0.779	194	3.68	-0.779
195	3.69	-0.529	195	3.69	-0.529	195	3.69	-0.529
196	3.72	-1.655	196	3.72	-1.655	196	3.72	-1.655
197	3.73	-3.280	197	3.73	-3.280	197	3.73	-3.280
198	3.75	-3.905	198	3.75	-3.905	198	3.75	-3.905
199	3.76	-3.655	199	3.76	-3.655	199	3.76	-3.655
200	3.78	-2.030	200	3.78	-2.030	200	3.78	-2.030

INDEX NO.	347	311-GR-5	TOYOHAMA BRIDGE TR.	MAX. ACCEL. +	9.960 (GAL)	T = 4.44 (SEC)	NO. 2				
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)			
201	3.70	1.135	251	4.09	-6.041	301	5.47	5.022	351	6.39	-2.438
202	3.72	-1.156	252	4.71	-7.667	302	5.48	4.697	352	6.40	1.060
203	3.74	-0.156	253	4.72	-7.917	303	5.50	2.197	353	6.42	2.310
204	3.75	0.717	254	4.74	-9.167	304	5.52	0.947	354	6.44	2.935
205	3.76	0.717	255	4.76	-7.067	305	5.53	0.572	355	6.46	3.185
206	3.78	0.216	256	4.77	-5.792	306	5.54	2.696	356	6.48	1.685
207	3.79	-2.157	257	4.80	-5.543	307	5.56	3.321	357	6.49	-0.814
208	3.83	0.165	258	4.81	-5.543	308	5.57	3.646	358	6.50	-3.939
209	3.84	1.454	259	4.83	-4.293	309	5.58	4.946	359	6.52	-5.189
210	3.76	2.061	260	4.85	-2.608	310	5.59	4.946	360	6.55	-3.064
211	3.79	3.440	261	4.86	-1.793	311	5.61	4.945	361	6.56	-1.439
212	4.00	4.215	262	4.88	-2.064	312	5.63	4.070	362	6.57	0.433
213	4.02	4.215	263	4.89	-3.294	313	5.64	2.445	363	6.59	1.308
214	4.24	4.340	264	4.91	-3.719	314	5.66	-0.053	364	6.61	0.433
215	4.05	3.714	265	4.92	-3.294	315	5.68	-3.304	365	6.62	-0.190
216	4.27	2.214	266	4.94	-0.774	316	5.70	-4.179	366	6.64	-0.440
217	4.09	-6.554	267	4.96	0.453	317	5.73	-4.804	367	6.65	1.057
218	4.10	-2.734	268	4.97	1.703	318	5.75	-5.179	368	6.67	3.807
219	4.11	-0.534	269	4.98	3.293	319	5.76	-4.554	369	6.68	5.182
220	4.14	-4.785	270	5.00	4.578	320	5.77	-3.660	370	6.71	5.307
221	4.15	-2.660	271	5.01	7.453	321	5.81	-0.555	371	6.72	4.057
222	4.10	-1.410	272	5.04	8.077	322	5.83	0.443	372	6.73	2.182
223	4.20	-1.410	273	5.06	6.577	323	5.85	1.067	373	6.74	0.556
224	4.21	-1.160	274	5.07	5.577	324	5.87	1.067	374	6.76	-1.942
225	4.24	-0.536	275	5.09	6.452	325	5.90	-1.431	375	6.78	-1.607
226	4.25	-0.161	276	5.11	6.451	326	5.91	-2.306	376	6.79	-0.692
227	4.27	-1.411	277	5.13	5.326	327	5.92	-2.681	377	6.80	-1.587
228	4.27	-2.661	278	5.14	4.701	328	5.94	-2.432	378	6.82	-2.810
229	4.31	-1.412	279	5.16	3.701	329	5.96	-2.057	379	6.84	-4.193
230	4.33	-0.787	280	5.17	3.076	330	5.99	-2.307	380	6.86	-4.818
231	4.35	-0.162	281	5.19	3.075	331	6.00	-3.557	381	6.87	-4.318
232	4.37	1.086	282	5.21	3.075	332	6.01	-4.558	382	6.89	-2.693
233	4.39	2.135	283	5.22	3.700	333	6.03	-4.308	383	6.90	-1.194
234	4.41	5.835	284	5.23	3.700	334	6.05	-2.435	384	6.91	-0.194
235	4.43	8.969	285	5.25	1.575	335	6.06	0.690	385	6.93	-0.194
236	4.44	9.960	286	5.26	-1.298	336	6.08	3.190	386	6.94	-1.604
237	4.46	9.959	287	5.28	-3.924	337	6.09	4.939	387	6.95	-2.944
238	4.48	8.709	288	5.30	-3.924	338	6.11	6.814	388	6.97	-4.569
239	4.49	7.209	289	5.31	-3.924	339	6.14	8.689	389	6.98	-5.820
240	4.50	5.059	290	5.32	-6.549	340	6.16	9.314	390	7.00	-6.695
241	4.51	4.084	291	5.33	-5.799	341	6.18	8.438	391	7.01	-6.195
242	4.53	2.834	292	5.35	-6.674	342	6.20	6.813	392	7.04	-3.045
243	4.55	1.583	293	5.36	-7.675	343	6.22	4.063	393	7.06	-2.446
244	4.56	0.583	294	5.38	-7.675	344	6.24	0.938	394	7.07	-1.196
245	4.59	1.458	295	5.39	-6.425	345	6.26	-3.936	395	7.09	0.052
246	4.61	1.453	296	5.41	-4.300	346	6.28	-4.561	396	7.11	0.427
247	4.63	-0.291	297	5.42	-1.800	347	6.30	-4.811	397	7.12	0.427
248	4.64	-1.916	298	5.43	-0.175	348	6.33	-4.813	398	7.14	0.676
249	4.66	-3.916	299	5.44	-2.947	349	6.35	-5.108	399	7.17	0.676
250	4.67	-5.166	300	5.45	5.572	350	6.37	-3.938	400	7.19	1.926

INDEX NO.	347	311-GR-5	TOYOHAMA BRIDGE	TR.	MAX. ACCEL. +	9.960 (GAL)	T = 4.44 (SEC)	NO.	3		
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	7.21	5.551	451	8.12	2.289	501	9.25	-1.722	551	10.41	0.637
402	7.23	7.425	452	8.14	3.789	502	9.28	-1.223	552	10.43	1.636
403	7.25	8.050	453	8.16	4.539	503	9.30	-0.848	553	10.45	1.886
404	7.28	7.800	454	8.19	2.414	504	9.32	-0.223	554	10.47	2.261
405	7.31	7.174	455	8.21	1.163	505	9.35	0.399	555	10.49	0.760
406	7.32	6.174	456	8.24	-0.085	506	9.37	0.649	556	10.50	-0.238
407	7.33	4.674	457	8.25	-0.961	507	9.40	0.649	557	10.52	-1.113
408	7.35	2.799	458	8.27	-1.335	508	9.42	-0.225	558	10.55	-2.363
409	7.37	0.549	459	8.29	-1.336	509	9.44	-0.850	559	10.57	-2.989
410	7.38	-0.325	460	8.31	-0.711	510	9.46	-0.850	560	10.60	-2.989
411	7.40	-0.700	461	8.34	0.537	511	9.50	-0.850	561	10.63	-3.364
412	7.41	-0.450	462	8.37	1.786	512	9.53	0.397	562	10.66	-2.740
413	7.44	-0.075	463	8.39	2.411	513	9.55	1.097	563	10.68	-2.490
414	7.46	-0.700	464	8.42	1.536	514	9.57	3.522	564	10.70	-1.865
415	7.49	-3.326	465	8.45	0.285	515	9.58	4.148	565	10.73	-1.241
416	7.50	-4.201	466	8.47	-0.713	516	9.61	4.896	566	10.75	-0.241
417	7.52	-4.576	467	8.49	-2.588	517	9.62	5.146	567	10.76	0.382
418	7.54	-3.326	468	8.51	-3.583	518	9.64	5.146	568	10.79	0.132
419	7.55	-2.077	469	8.53	-3.339	519	9.66	4.271	569	10.81	-0.492
420	7.56	-0.577	470	8.56	-0.039	520	9.69	2.395	570	10.84	-0.492
421	7.58	1.046	471	8.57	0.410	521	9.71	-0.103	571	10.88	-1.117
422	7.59	2.296	472	8.59	1.284	522	9.73	-1.603	572	10.91	-0.610
423	7.60	2.921	473	8.60	1.908	523	9.74	-3.353	573	10.94	0.380
424	7.62	2.046	474	8.63	0.783	524	9.76	-3.079	574	10.97	0.379
425	7.63	1.045	475	8.65	-0.405	525	9.78	-3.079	575	10.99	0.379
426	7.64	-0.203	476	8.66	-2.090	526	9.81	-2.729	576	11.03	0.379
427	7.66	-1.453	477	8.68	-2.965	527	9.82	-0.854	577	11.06	1.253
428	7.69	-1.203	478	8.70	-3.341	528	9.85	1.268	578	11.08	1.978
429	7.70	-0.579	479	8.72	-1.841	529	9.88	1.643	579	11.12	1.378
430	7.72	1.294	480	8.74	1.657	530	9.91	1.018	580	11.14	0.127
431	7.74	2.919	481	8.76	2.907	531	9.93	-0.481	581	11.15	-0.496
432	7.76	3.544	482	8.78	3.531	532	9.95	-1.731	582	11.17	-1.496
433	7.79	2.669	483	8.81	2.031	533	9.97	-3.606	583	11.18	-1.746
434	7.80	1.418	484	8.82	0.781	534	10.00	-4.856	584	11.21	-2.747
435	7.82	-0.455	485	8.84	-0.217	535	10.02	-4.607	585	11.24	-0.873
436	7.83	-2.330	486	8.85	-1.093	536	10.04	-3.732	586	11.26	1.251
437	7.86	-4.580	487	8.89	-1.073	537	10.07	-3.357	587	11.28	2.076
438	7.87	-5.831	488	8.91	-0.843	538	10.09	-3.108	588	11.30	3.125
439	7.89	-7.956	489	8.92	-0.843	539	10.11	-3.108	589	11.32	3.125
440	7.90	-6.831	490	8.95	0.404	540	10.14	-1.658	590	11.35	1.625
441	7.93	-3.706	491	8.97	1.029	541	10.15	-1.233	591	11.36	0.125
442	7.94	-2.081	492	9.00	1.029	542	10.18	-0.234	592	11.38	-1.489
443	7.96	-1.207	493	9.04	0.403	543	10.21	0.639	593	11.41	-2.909
444	7.98	-1.082	494	9.06	0.653	544	10.23	1.639	594	11.43	-3.624
445	8.01	-1.707	495	9.08	1.028	545	10.25	2.263	595	11.45	-3.999
446	8.02	-1.707	496	9.10	1.277	546	10.28	2.013	596	11.48	-4.250
447	8.05	-1.208	497	9.13	-0.221	547	10.31	1.388	597	11.51	-4.250
448	8.07	-0.503	498	9.15	-0.846	548	10.33	1.012	598	11.54	-2.501
449	8.09	-0.583	499	9.18	-1.097	549	10.36	0.137	599	11.57	-0.626
450	8.11	0.665	500	9.22	-1.722	550	10.39	-0.236	600	11.59	0.998

INDEX NO.	347	311-GH-5	TOYOHAMA BRIDGE	TR.	MAX. ACCEL. +	9.980(GAL)	T: 4.66(SEC)	NO. 4
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)			
601 11.61	1.872	651 13.09	-2.775	701 14.56	2.461			
602 11.63	2.246	652 13.11	-4.029	702 14.57	1.980			
603 11.65	1.371	653 13.13	-4.895	703 14.59	1.335			
604 11.66	-0.252	654 13.17	-4.896	704 14.61	-0.268			
605 11.71	-0.003	655 13.19	-4.896	705 14.64	-1.539			
606 11.74	0.620	656 13.21	-2.771	706 14.65	-2.164			
607 11.77	1.245	657 13.23	-1.271	707 14.67	-3.039			
608 11.79	1.345	658 13.25	0.661	708 14.70	-2.164			
609 11.82	0.369	659 13.28	1.601	709 14.74	-0.041			
610 11.84	-0.504	660 13.32	2.850	710 14.76	1.208			
611 11.89	-0.255	661 13.35	2.850	711 14.80	0.708			
612 11.97	-0.025	662 13.37	2.225	712 14.83	0.707			
613 11.95	-0.006	663 13.42	2.224	713 14.85	0.332			
614 11.95	0.367	664 13.45	-2.474	714 14.88	-0.291			
615 12.05	0.367	665 13.47	2.224	715 14.90	-0.542			
616 12.02	0.366	666 13.50	1.348	716 14.92	-0.542			
617 12.05	0.365	667 13.53	0.973					
618 12.05	0.366	668 13.56	1.223					
619 12.11	0.365	669 13.58	1.222					
620 12.14	0.690	670 13.61	1.222					
621 12.17	2.245	671 13.64	0.346					
622 12.19	2.864	672 13.66	-0.527					
623 12.22	2.614	673 13.70	-1.152					
624 12.24	1.364	674 13.72	-0.278					
625 12.29	-0.510	675 13.75	0.879					
626 12.31	-1.135	676 13.77	1.595					
627 12.34	-1.760	677 13.81	2.219					
628 12.37	-2.386	678 13.84	1.969					
629 12.41	-2.761	679 13.89	1.593					
630 12.45	-0.667	680 13.93	0.716					
631 12.47	0.361	681 13.95	0.343					
632 12.51	0.361	682 13.97	0.342					
633 12.54	1.660	683 14.01	-0.281					
634 12.56	2.485	684 14.04	-1.781					
635 12.61	2.234	685 14.06	-2.157					
636 12.64	0.109	686 14.11	-2.157					
637 12.66	-1.139	687 14.13	-1.908					
638 12.69	-0.890	688 14.16	-1.908					
639 12.72	-1.140	689 14.20	-1.533					
640 12.75	-1.141	690 14.22	-0.284					
641 12.77	-1.141	691 14.25	1.214					
642 12.80	-0.266	692 14.26	1.589					
643 12.82	0.607	693 14.31	0.713					
644 12.85	1.231	694 14.34	0.713					
645 12.88	0.901	695 14.37	0.965					
646 12.91	2.230	696 14.40	0.062					
647 12.93	2.230	697 14.42	1.212					
648 12.93	0.355	698 14.46	1.587					
649 13.02	-1.144	699 14.49	2.211					
650 13.04	-1.769	700 14.52	2.211					

Table IV D-49. Digitized Accelerations of Earthquake Record with Index Number 348

INDEX NO.	348	319-GH-4	SHITOKU BRIDGE	TR.	MAX. ACCEL. +	-15.264(GAL)	T: 4.66(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
1 0.01	3.450	51 1.14	1.927	101 2.20	2.782	151 3.15	-0.234	
2 0.01	2.574	52 1.16	-0.571	102 2.21	2.782	152 3.17	1.630	
3 0.06	0.949	53 1.18	-1.571	103 2.24	2.156	153 3.19	2.013	
4 0.11	-1.175	54 1.21	-1.822	104 2.26	0.906	154 3.22	2.262	
5 0.14	-1.551	55 1.22	-2.447	105 2.27	1.156	155 3.23	2.262	
6 0.16	-1.551	56 1.24	-3.073	106 2.29	1.530	156 3.25	2.262	
7 0.18	-1.552	57 1.26	-3.698	107 2.30	1.780	157 3.26	1.306	
8 0.21	-1.802	58 1.28	-4.448	108 2.32	1.780	158 3.28	-1.987	
9 0.24	-1.553	59 1.31	-4.824	109 2.34	0.279	159 3.29	-4.487	
10 0.27	-0.304	60 1.33	-4.824	110 2.36	-1.844	160 3.32	-1.738	
11 0.29	-0.054	61 1.35	-5.075	111 2.37	-3.719	161 3.34	-0.863	
12 0.31	-0.304	62 1.37	-3.575	112 2.38	-5.470	162 3.38	-3.614	
13 0.32	-0.555	63 1.38	-2.325	113 2.41	-2.979	163 3.41	0.758	
14 0.35	-0.555	64 1.40	-1.076	114 2.43	-0.220	164 3.44	0.758	
15 0.36	-0.930	65 1.42	0.797	115 2.44	2.277	165 3.45	0.508	
16 0.39	-1.181	66 1.43	1.422	116 2.46	3.652	166 3.47	-0.116	
17 0.41	-1.606	67 1.46	2.046	117 2.48	3.401	167 3.48	-0.491	
18 0.45	-2.432	68 1.47	2.671	118 2.50	2.776	168 3.49	1.007	
19 0.48	-2.183	69 1.49	5.246	119 2.53	1.526	169 3.51	2.881	
20 0.49	-1.933	70 1.51	5.545	120 2.54	0.900	170 3.53	3.631	
21 0.51	-1.933	71 1.53	5.045	121 2.57	-0.348	171 3.55	4.256	
22 0.52	-1.309	72 1.50	3.419	122 2.58	-1.599	172 3.56	4.005	
23 0.53	-0.684	73 1.61	2.168	123 2.61	-1.849	173 3.58	3.130	
24 0.56	0.314	74 1.64	0.918	124 2.62	-1.349	174 3.59	2.130	
25 0.57	-0.310	75 1.66	-0.331	125 2.64	-0.725	175 3.60	0.880	
26 0.59	-0.560	76 1.68	-0.956	126 2.65	-1.600	176 3.61	-0.994	
27 0.61	-0.310	77 1.69	-1.831	127 2.68	-2.850	177 3.63	-2.244	
28 0.64	0.563	78 1.71	-6.082	128 2.69	-3.101	178 3.67	3.093	
29 0.65	1.563	79 1.72	-5.832	129 2.71	-1.976	179 3.68	1.503	
30 0.67	2.166	80 1.74	-5.207	130 2.72	0.272	180 3.69	-1.245	
31 0.69	2.436	81 1.77	-4.208	131 2.74	1.522	181 3.70	2.495	
32 0.73	2.436	82 1.79	-5.708	132 2.76	0.696	182 3.72	-1.996	
33 0.72	2.313	83 1.80	-6.333	133 2.76	-0.352	183 3.75	-2.247	
34 0.74	2.560	84 1.82	-6.334	134 2.79	-1.228	184 3.76	-3.497	
35 0.76	-1.935	85 1.84	-1.709	135 2.81	-1.228	185 3.78	-4.122	
36 0.79	-0.939	86 1.85	3.413	136 2.83	-1.978	186 3.79	-4.872	
37 0.83	-0.315	87 1.87	3.413	137 2.85	-3.470	187 3.82	-2.123	
38 0.84	-0.315	88 1.91	3.162	138 2.87	-2.229	188 3.84	0.375	
39 0.86	-0.565	89 1.94	3.162	139 2.89	-0.105	189 3.85	3.375	
40 0.89	-1.191	90 1.96	2.537	140 2.92	0.518	190 3.88	4.249	
41 0.93	-2.122	91 1.98	2.536	141 2.94	-0.608	191 3.89	5.249	
42 0.95	-2.817	92 1.97	2.161	142 2.96	-0.336	192 3.91	5.874	
43 0.96	-3.069	93 2.02	0.061	143 2.99	-0.166	193 3.93	6.748	
44 1.03	-3.062	94 2.04	-0.983	144 3.01	0.266	194 3.94	7.123	
45 1.01	-1.595	95 2.05	-1.213	145 3.03	0.266	195 3.96	6.873	
46 1.03	0.304	96 2.03	-1.839	146 3.06	2.765	196 3.97	5.623	
47 1.25	1.584	97 2.15	-3.424	147 3.26	0.890	197 3.98	3.747	
48 1.07	1.554	98 2.14	-0.965	148 3.09	-0.903	198 4.00	2.122	
49 1.09	1.653	99 2.15	0.904	149 3.11	-4.484	199 4.02	1.497	
50 1.12	3.424	100 2.16	2.157	150 3.13	-2.984	200 4.03	-2.252	

INDEX NO.	348	319-GR-4	SHITOKU BRIDGE	TR.	MAX. ACCEL. + -15.264(GAL)	T = 4.66(SEC)	NO. 2	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	4.07	-7.827	251	4.93	-0.894	301	5.04	0.836
202	4.08	-5.505	252	4.94	2.229	302	5.06	0.586
203	4.10	-3.629	253	4.96	4.228	303	5.08	0.210
204	4.11	-1.503	254	4.99	4.603	304	5.90	0.210
205	4.13	-3.629	255	5.00	4.602	305	5.91	0.210
206	4.14	-7.379	256	5.02	3.977	306	5.92	0.836
207	4.15	-9.254	257	5.04	0.602	307	5.94	2.984
208	4.17	-11.129	258	5.07	-2.272	308	5.96	2.959
209	4.18	-9.630	259	5.09	1.101	309	5.98	3.959
210	4.19	-5.505	260	5.10	4.600	310	5.99	4.833
211	4.21	-3.630	261	5.12	6.160	311	6.01	7.708
212	4.23	-4.001	262	5.13	4.600	312	6.03	3.093
213	4.25	-7.361	263	5.15	2.674	313	6.04	-0.041
214	4.26	-9.256	264	5.16	1.849	314	6.05	-3.166
215	4.28	-6.757	265	5.19	2.099	315	6.07	-5.791
216	4.30	-5.507	266	5.20	4.224	316	6.08	-6.042
217	4.32	-4.632	267	5.22	5.848	317	6.09	-9.917
218	4.34	-4.908	268	5.23	7.348	318	6.10	-10.542
219	4.36	1.365	269	5.25	9.223	319	6.13	-9.667
220	4.37	5.490	270	5.26	11.222	320	6.15	-7.793
221	4.39	11.864	271	5.28	5.722	321	6.17	-4.668
222	4.40	13.739	272	5.29	2.472	322	6.19	-2.169
223	4.42	14.114	273	5.32	-2.277	323	6.21	-0.544
224	4.43	12.614	274	5.34	-2.902	324	6.23	1.954
225	4.45	10.113	275	5.36	-5.153	325	6.25	4.203
226	4.47	9.363	276	5.38	-7.020	326	6.26	4.820
227	4.49	11.237	277	5.41	-5.278	327	6.29	5.827
228	4.50	12.662	278	5.42	-4.279	328	6.32	5.627
229	4.52	16.737	279	5.44	-3.030	329	6.34	2.701
230	4.53	13.237	280	5.45	-5.779	330	6.36	0.576
231	4.54	10.361	281	5.47	-7.405	331	6.37	-0.422
232	4.56	8.236	282	5.49	-8.655	332	6.40	0.200
233	4.59	4.110	283	5.51	-8.655	333	6.43	-1.298
234	4.60	1.235	284	5.53	-5.906	334	6.46	-2.924
235	4.62	-0.308	285	5.55	-1.781	335	6.48	-7.421
236	4.64	-9.513	286	5.56	2.217	336	6.50	-4.675
237	4.65	-11.389	287	5.58	4.216	337	6.52	-2.175
238	4.66	-15.264	288	5.61	6.466	338	6.54	0.323
239	4.70	-14.141	289	5.63	4.965	339	6.56	2.572
240	4.72	-13.766	290	5.65	2.465	340	6.57	5.197
241	4.75	-13.141	291	5.67	0.214	341	6.59	6.697
242	4.76	-10.391	292	5.70	2.339	342	6.60	7.696
243	4.78	-7.891	293	5.72	3.588	343	6.62	6.196
244	4.79	1.606	294	5.74	5.839	344	6.64	2.446
245	4.81	2.606	295	5.75	4.589	345	6.65	-3.553
246	4.83	2.856	296	5.76	1.213	346	6.68	-5.553
247	4.85	-2.393	297	5.78	-2.286	347	6.70	-6.604
248	4.87	-4.893	298	5.80	-2.536	348	6.73	-7.679
249	4.89	-7.019	299	5.81	-2.536	349	6.74	-4.054
250	4.91	-4.269	300	5.82	-0.411	350	6.76	-1.805
351	6.77	0.693	351	6.77	0.693	351	6.77	0.693
352	6.78	2.818	352	6.78	2.818	352	6.78	2.818
353	6.79	4.818	353	6.79	4.818	353	6.79	4.818
354	6.81	3.317	354	6.81	3.317	354	6.81	3.317
355	6.84	1.442	355	6.84	1.442	355	6.84	1.442
356	6.86	0.566	356	6.86	0.566	356	6.86	0.566
357	6.87	-1.057	357	6.87	-1.057	357	6.87	-1.057
358	6.88	-3.007	358	6.88	-3.007	358	6.88	-3.007
359	6.89	-6.432	359	6.89	-6.432	359	6.89	-6.432
360	6.92	-2.608	360	6.92	-2.608	360	6.92	-2.608
361	6.95	-2.808	361	6.95	-2.808	361	6.95	-2.808
362	6.96	-2.809	362	6.96	-2.809	362	6.96	-2.809
363	6.98	1.004	363	6.98	1.004	363	6.98	1.004
364	7.00	7.563	364	7.00	7.563	364	7.00	7.563
365	7.02	12.180	365	7.02	12.180	365	7.02	12.180
366	7.03	9.688	366	7.03	9.688	366	7.03	9.688
367	7.05	7.563	367	7.05	7.563	367	7.05	7.563
368	7.06	1.063	368	7.06	1.063	368	7.06	1.063
369	7.08	6.438	369	7.08	6.438	369	7.08	6.438
370	7.09	6.438	370	7.09	6.438	370	7.09	6.438
371	7.11	5.561	371	7.11	5.561	371	7.11	5.561
372	7.13	3.061	372	7.13	3.061	372	7.13	3.061
373	7.15	-2.313	373	7.15	-2.313	373	7.15	-2.313
374	7.16	-3.813	374	7.16	-3.813	374	7.16	-3.813
375	7.19	-2.313	375	7.19	-2.313	375	7.19	-2.313
376	7.20	-0.813	376	7.20	-0.813	376	7.20	-0.813
377	7.22	1.059	377	7.22	1.059	377	7.22	1.059
378	7.23	1.684	378	7.23	1.684	378	7.23	1.684
379	7.24	1.184	379	7.24	1.184	379	7.24	1.184
380	7.26	-1.940	380	7.26	-1.940	380	7.26	-1.940
381	7.28	-4.940	381	7.28	-4.940	381	7.28	-4.940
382	7.29	-6.440	382	7.29	-6.440	382	7.29	-6.440
383	7.31	-4.941	383	7.31	-4.941	383	7.31	-4.941
384	7.33	-3.066	384	7.33	-3.066	384	7.33	-3.066
385	7.35	-1.566	385	7.35	-1.566	385	7.35	-1.566
386	7.37	-2.067	386	7.37	-2.067	386	7.37	-2.067
387	7.39	-3.942	387	7.39	-3.942	387	7.39	-3.942
388	7.41	0.056	388	7.41	0.056	388	7.41	0.056
389	7.43	2.180	389	7.43	2.180	389	7.43	2.180
390	7.45	3.555	390	7.45	3.555	390	7.45	3.555
391	7.47	1.429	391	7.47	1.429	391	7.47	1.429
392	7.48	-1.319	392	7.48	-1.319	392	7.48	-1.319
393	7.50	-2.569	393	7.50	-2.569	393	7.50	-2.569
394	7.52	-2.320	394	7.52	-2.320	394	7.52	-2.320
395	7.55	-0.445	395	7.55	-0.445	395	7.55	-0.445
396	7.57	0.807	396	7.57	0.807	396	7.57	0.807
397	7.59	1.427	397	7.59	1.427	397	7.59	1.427
398	7.61	3.302	398	7.61	3.302	398	7.61	3.302
399	7.63	2.426	399	7.63	2.426	399	7.63	2.426
400	7.64	2.426	400	7.64	2.426	400	7.64	2.426

INDEX NO.	348	319-GR-4	SHITOKU BRIDGE	TR.	MAX. ACCEL. + -15.264(GAL)	T = 4.66(SEC)	NO. 3	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	7.68	4.175	451	8.59	-5.841	501	9.53	-0.484
402	7.69	5.800	452	8.61	-2.841	502	9.55	-1.985
403	7.71	7.050	453	8.63	-0.342	503	9.56	-2.610
404	7.72	7.049	454	8.65	2.156	504	9.59	-2.985
405	7.73	4.299	455	8.66	6.031	505	9.61	-1.736
406	7.75	-2.324	456	8.68	8.280	506	9.63	0.137
407	7.76	-5.575	457	8.69	8.905	507	9.65	1.386
408	7.80	-1.825	458	8.71	6.780	508	9.67	2.866
409	7.81	1.298	459	8.72	4.530	509	9.69	4.136
410	7.83	3.297	460	8.73	1.779	510	9.71	4.510
411	7.84	4.172	461	8.77	-0.094	511	9.72	4.510
412	7.86	4.172	462	8.79	0.153	512	9.74	5.134
413	7.86	3.296	463	8.80	-0.720	513	9.77	5.759
414	7.91	2.046	464	8.82	-3.220	514	9.79	4.684
415	7.93	1.170	465	8.83	-0.596	515	9.80	3.258
416	7.95	-1.953	466	8.85	3.902	516	9.82	1.133
417	7.96	-7.703	467	8.86	5.402	517	9.84	-0.115
418	7.98	-11.829	468	8.88	6.651	518	9.85	-1.366
419	8.01	-10.579	469	8.90	5.151	519	9.87	-2.991
420	8.03	-8.455	470	8.92	1.401	520	9.88	-4.616
421	8.04	-6.580	471	8.95	-1.098	521	9.90	-6.242
422	8.06	-4.080	472	8.96	-2.973	522	9.92	-6.492
423	8.07	-3.080	473	8.99	-3.848	523	9.94	-6.492
424	8.08	-2.456	474	9.00	-8.724	524	9.97	-2.243
425	8.10	1.917	475	9.02	-5.349	525	9.98	0.255
426	8.11	7.657	476	9.04	-2.225	526	10.00	1.504
427	8.13	8.541	477	9.05	0.023	527	10.02	1.004
428	8.15	6.166	478	9.06	2.523	528	10.04	-1.244
429	8.17	1.791	479	9.08	4.773	529	10.06	-3.120
430	8.18	-2.333	480	9.09	6.023	530	10.07	-3.995
431	8.19	-3.033	481	9.12	7.023	531	10.08	-1.070
432	8.22	-1.063	482	9.14	7.646	532	10.10	0.002
433	8.23	1.339	483	9.15	6.146	533	10.13	1.502
434	8.25	2.914	484	9.16	3.896	534	10.14	1.252
435	8.26	4.164	485	9.18	-1.353	535	10.16	0.002
436	8.27	5.164	486	9.21	-1.978	536	10.18	-1.247
437	8.31	2.413	487	9.23	-3.228	537	10.21	-0.998
438	8.33	3.537	488	9.27	-1.479	538	10.24	-0.373
439	8.35	1.162	489	9.29	-1.980	539	10.27	0.249
440	8.35	-0.462	490	9.32	-2.980	540	10.28	0.674
441	8.40	2.036	491	9.34	-2.980	541	10.32	2.498
442	8.41	3.911	492	9.35	-1.731	542	10.34	2.748
443	8.43	5.410	493	9.38	0.142	543	10.37	1.622
444	8.44	3.910	494	9.40	1.641	544	10.40	-0.002
445	8.47	1.410	495	9.41	3.515	545	10.42	-1.677
446	8.49	1.159	496	9.43	4.766	546	10.45	-1.003
447	8.51	-1.089	497	9.46	5.140	547	10.48	0.626
448	8.53	3.215	498	9.48	3.690	548	10.51	1.865
449	8.55	-4.955	499	9.50	2.389	549	10.54	-1.365
450	8.57	-5.949	500	9.51	1.387	550	10.55	-1.505
451	8.58	5.410	501	9.52	-1.505	551	10.57	-2.623
452	8.59	5.410	502	9.53	-1.505	552	10.58	-2.505
453	8.60	5.410	503	9.54	-1.505	553	10.61	-2.256
454	8.61	5.410	504	9.55	-1.505	554	10.64	-1.007
455	8.62	5.410	505	9.56	-1.505	555	10.66	-1.007
456	8.63	5.410	506	9.57	-1.505	556	10.71	-1.507
457	8.64	5.410	507	9.58	-1.505	557	10.72	-1.508
458	8.65	5.410	508	9.59	-1.505	558	10.75	-0.008
459	8.66	5.410	509	9.60	-1.505	559	10.76	3.864
460	8.67	5.410	510	9.61	-1.505	560	10.77	5.365
461	8.68	5.410	511	9.62	-1.505	561	10.79	5.365
462	8.69	5.410	512	9.63	-1.505	562	10.81	5.738
463	8.70	5.410	513	9.64	-1.505	563	10.82	6.613
464	8.71	5.410	514	9.65	-1.505	564	10.84	7.683
465	8.72	5.410	515	9.66	-1.505	565	10.86	5.738
466	8.73	5.410	516	9.67	-1.505	566	10.88	3.278
467	8.74	5.410	517	9.68	-1.505	567	10.90	1.737
468	8.75	5.410	518	9.69	-1.505	568	10.92	-0.157
469	8.76	5.410	519	9.70	-1.505	569	10.94	-0.157
470	8.77	5.410	520	9.71	-1.505	570	10.96	0.300
471	8.78	5.410	521	9.72	-1.505	571	10.99	0.735
472	8.79	5.410	522	9.73	-1.505	572	11.02	0.984
473	8.80	5.410	523	9.74	-1.505	573	11.03	0.484
474	8.81	5.410	524	9.75	-1.505	574	11.05	-1.764
475	8.82	5.410	525	9.76	-1.505	575	11.07	-5.015
476	8.83	5.410	526	9.77	-1.505	576	11.08	-6.890
477	8.84	5.410	527	9.78	-1.505	577	11.10	-7.765
478	8.85	5.410	528	9.79	-1.505	578	11.13	-5.911
479	8.86	5.410	529	9.80	-1.505	579	11.15	-0.016
480	8.87	5.410	530	9.81	-1.505	580	11.16	0.607
481	8.88	5.410	531	9.82	-1.505	581	11.18	0.356
482	8.89	5.410	532	9.83	-1.505	582	11.21	0.855
483	8.90	5.410	533	9.84	-1.505	583	11.23	2.045
484	8.91	5.410	534	9.85	-1.505	584	11.25	2.102
485	8.92	5.410	535	9.86	-1.505	585	11.26	3.655
486	8.93	5.410	536	9.87	-1.505	586	11.28	4.479
487	8.94	5.410	537	9.88	-1.505	587	11.30	3.604
488	8.95	5.410	538	9.89	-1.505	588	11.32	1.729
489	8.96	5.410	539	9.90	-1.505	589	11.34	-0.165
490	8.97	5.410	540	9.91	-1.505	590	11.35	-0.520
491	8.98	5.410	541	9.92	-1.505	591	11.37	0.103
492	8.99	5.410	542	9.93	-1.505	592	11.39	0.977
493	9.00	5.410	543	9.94	-1.505	593	11.41	0.777
494	9.01	5.410	544	9.95	-1.505	594	11.43	1.101
495	9.02	5.410	545	9.96	-1.505	595	11.46	-0.522
496	9.03	5.410	546	9.97	-1.505	596	11.48	-1.397
497	9.04	5.410	547	9.98	-1.505	597	11.50	-2.023
498	9.05	5.410	548	9.99	-1.505	598	11.52	-2.643
499	9.06	5.410	549	10.00	-1.505	599	11.54	-2.023
500	9.07	5.410	550	10.01	-1.505	600	11.57	-2.449

INDEX NO.	343	319-GK-4	SHITOKU BRIDGE	TR.	MAX. ACCEL. = -15.264 (GAL)	T = 4.66 (SEC)	NO. 4				
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)				
601	11.60	-3.653	651	12.54	-4.293	701	13.62	2.059	751	14.06	-1.963
602	11.62	-3.025	652	12.57	-4.668	702	13.64	0.934	752	14.00	-1.339
603	11.64	-1.526	653	12.59	-4.419	703	13.66	-0.940	753	14.93	-1.029
604	11.65	0.722	654	12.61	-3.544	704	13.68	-2.190	754	14.96	-0.090
605	11.68	3.472	655	12.63	-1.295	705	13.69	-1.315	755	15.01	0.157
606	11.69	5.096	656	12.65	-0.045	706	13.71	0.807	756	15.04	-0.092
607	11.71	5.096	657	12.68	1.452	707	13.73	2.057	757	15.08	0.781
608	11.73	4.846	658	12.70	2.452	708	13.74	1.557	758	15.12	-0.343
609	11.74	4.220	659	12.73	3.451	709	13.77	-0.067	759	15.16	-2.219
610	11.76	3.220	660	12.74	2.576	710	13.79	0.806	760	15.19	-3.469
611	11.77	2.345	661	12.76	0.451	711	13.80	2.056	761	15.20	-2.970
612	11.79	1.720	662	12.78	0.700	712	13.81	2.430	762	15.23	-1.970
613	11.81	1.094	663	12.80	0.950	713	13.84	1.180	763	15.25	-0.471
614	11.82	-1.780	664	12.82	0.450	714	13.87	-0.319	764	15.28	-0.471
615	11.85	-2.405	665	12.84	0.249	715	13.89	-0.319	765	15.31	-1.972
616	11.87	-1.530	666	12.86	0.949	716	13.91	0.179	766	15.34	-1.347
617	11.89	-1.155	667	12.88	-0.550	717	13.93	-0.070	767	15.36	0.525
618	11.90	-1.156	668	12.92	-3.300	718	13.94	-1.570	768	15.39	0.775
619	11.92	0.342	669	12.93	-3.926	719	13.96	-1.070	769	15.42	-0.099
620	11.95	0.967	670	12.95	-3.926	720	13.99	0.177	770	15.45	-0.975
621	11.97	0.456	671	12.98	-3.676	721	14.02	1.176	771	15.47	-1.600
622	11.99	0.966	672	13.00	-3.427	722	14.04	2.051	772	15.51	-0.100
623	12.01	1.965	673	13.02	-2.177	723	14.07	2.425	773	15.54	3.396
624	12.03	3.215	674	13.04	0.655	724	14.10	1.800	774	15.57	4.021
625	12.04	4.590	675	13.05	1.945	725	14.12	1.174	775	15.59	3.520
626	12.07	2.589	676	13.07	2.820	726	14.15	0.924	776	15.61	1.695
627	12.09	2.589	677	13.10	3.194	727	14.18	0.924	777	15.67	1.269
628	12.11	1.763	678	13.11	2.589	728	14.19	0.549	778	15.69	1.019
629	12.14	1.080	679	13.14	2.818	729	14.21	-0.075	779	15.73	-0.605
630	12.16	-0.536	680	13.17	2.818	730	14.23	-1.951	780	15.76	-0.355
631	12.17	-1.161	681	13.19	2.818	731	14.25	-3.451	781	15.77	0.017
632	12.20	0.712	682	13.21	2.317	732	14.28	-4.077	782	15.79	-0.231
633	12.22	2.586	683	13.24	1.942	733	14.31	-2.327	783	15.83	-1.682
634	12.24	4.386	684	13.26	1.056	734	14.33	-0.078	784	15.86	-0.982
635	12.25	4.711	685	13.29	0.440	735	14.36	1.170	785	15.89	-0.983
636	12.27	5.065	686	13.32	0.690	736	14.39	1.419	786	15.91	-2.483
637	12.28	3.835	687	13.34	0.065	737	14.42	1.419	787	15.93	-3.984
638	12.30	1.719	688	13.35	-1.184	738	14.45	0.543	788	15.96	-4.359
639	12.31	-0.164	689	13.38	-6.309	739	14.48	0.292	789	15.99	-4.360
640	12.33	-1.789	690	13.39	-7.184	740	14.51	-0.081	790	16.02	-3.735
641	12.35	-1.789	691	13.41	-8.810	741	14.54	0.166	791	16.05	-3.111
642	12.37	-1.165	692	13.42	-9.060	742	14.56	0.166	792	16.08	-3.737
643	12.40	-0.915	693	13.45	-6.935	743	14.61	-0.958	793	16.11	-2.487
644	12.42	0.082	694	13.46	-5.436	744	14.64	-0.959	794	16.13	-0.363
645	12.43	1.957	695	13.48	-2.936	745	14.67	-0.459	795	16.15	1.260
646	12.45	2.582	696	13.50	-1.686	746	14.71	-0.085	796	16.17	1.885
647	12.47	2.831	697	13.52	-1.313	747	14.74	1.162	797	16.20	1.884
648	12.49	1.956	698	13.54	-0.688	748	14.77	1.162	798	16.23	1.883
649	12.51	-0.792	699	13.57	-0.683	749	14.79	0.286	799	16.26	1.883
650	12.53	-3.293	700	13.60	1.809	750	14.84	-1.568	800	16.28	1.883

INDEX NO.	348	319-GK-4	SHITOKU BRIDGE	TR.	MAX. ACCEL. = -15.264 (GAL)	T = 4.66 (SEC)	NO. 5
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
801	16.28	1.883	851	17.75	1.854		
802	16.30	2.507	852	17.79	-0.603		
803	16.32	3.132	853	17.83	-1.271		
804	16.35	3.361	854	17.85	-2.146		
805	16.37	2.256	855	17.88	-1.647		
806	16.40	0.380	856	17.91	-1.023		
807	16.43	-1.493	857	17.94	-2.148		
808	16.45	-3.744	858	17.97	-1.699		
809	16.49	-3.745	859	18.00	-1.024		
810	16.51	-3.745	860	18.03	0.598		
811	16.54	-2.497	861	18.05	0.598		
812	16.56	-0.621	862	18.09	0.347		
813	16.58	-0.372	863	18.11	-0.027		
814	16.62	-0.873	864	18.15	-0.277		
815	16.65	-1.498	865	18.19	0.845		
816	16.68	-1.499	866	18.21	0.844		
817	16.72	0.000	867	18.24	0.344		
818	16.75	0.248	868	18.26	-0.280		
819	16.78	0.623	869	18.29	-1.280		
820	16.82	0.373	870	18.32	-2.156		
821	16.86	-0.002	871	18.35	-3.406		
822	16.90	-0.003	872	18.38	-2.907		
823	16.94	-0.254	873	18.40	-0.407		
824	16.97	-0.629	874	18.43	0.840		
825	17.00	-1.255	875	18.45	1.465		
826	17.03	-1.680	876	18.49	1.214		
827	17.06	-1.631	877	18.52	0.338		
828	17.09	-0.632	878	18.56	-1.266		
829	17.12	0.241	879	18.59	-1.911		
830	17.15	0.865	880	18.62	-1.912		
831	17.17	0.865	881	18.66	-1.288		
832	17.20	-0.864	882	18.69	-1.288		
833	17.22	-2.134	883	18.70	-1.289		
834	17.24	-2.759	884	18.74	-2.539		
835	17.29	-2.510	885	18.78	-0.415		
836	17.30	-0.366	886	18.82	0.207		
837	17.32	0.862	887	18.85	-0.041		
838	17.34	1.662	888	18.88	-0.042		
839	17.37	1.235	889	18.91	0.830		
840	17.40	-0.263	890	18.94	1.830		
841	17.43	-0.263					
842	17.46	-0.014					
843	17.50	-0.637					
844	17.53	-1.265					
845	17.56	-2.516					
846	17.59	-2.766					
847	17.63	-2.517					
848	17.66	-0.643					
849	17.67	1.760					
850	17.72	2.104					

Table IV D-50. Digitized Accelerations of Earthquake Record with Index Number 349

INDEX NO. 349	319-GH-4	SHITOKU BRIDGE	U-D	MAX. ACCEL. ±	12.005(GAL)	T = 4.13(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	0.692	51 0.93	-0.484	101 1.60	1.454	151 2.60	0.889
2 0.03	1.695	52 0.95	-0.482	102 1.82	2.330	152 2.62	-0.982
3 0.05	0.697	53 0.97	-0.481	103 1.84	1.632	153 2.65	-2.480
4 0.07	0.073	54 0.98	-0.480	104 1.86	0.503	154 2.67	-4.103
5 0.08	-0.599	55 1.01	0.395	105 1.88	0.836	155 2.69	-5.353
6 0.10	-1.172	56 1.02	0.771	106 1.89	0.211	156 2.70	-7.601
7 0.11	-1.171	57 1.04	1.023	107 1.91	-1.036	157 2.73	-4.888
8 0.13	-1.171	58 1.05	0.773	108 1.92	-2.535	158 2.74	-6.724
9 0.15	0.079	59 1.07	-0.723	109 1.95	-2.053	159 2.76	-1.722
10 0.16	0.350	60 1.09	-1.971	110 1.96	-1.407	160 2.77	-0.222
11 0.18	0.081	61 1.12	-1.470	111 1.97	-0.406	161 2.79	0.403
12 0.20	-0.790	62 1.14	-0.469	112 1.98	0.467	162 2.81	0.905
13 0.22	-1.414	63 1.15	0.156	113 2.00	-0.404	163 2.82	1.155
14 0.24	-1.412	64 1.17	0.407	114 2.02	-1.028	164 2.84	3.032
15 0.26	-1.411	65 1.19	-0.089	115 2.04	-1.902	165 2.85	5.533
16 0.27	-0.535	66 1.22	-0.485	116 2.05	-0.776	166 2.86	6.534
17 0.29	-0.535	67 1.22	-0.483	117 2.06	0.223	167 2.88	7.785
18 0.31	-0.282	68 1.24	0.413	118 2.08	0.475	168 2.89	9.766
19 0.33	-0.280	69 1.26	1.039	119 2.09	0.476	169 2.91	7.912
20 0.35	0.094	70 1.29	2.041	120 2.11	0.477	170 2.92	5.788
21 0.36	0.355	71 1.30	2.666	121 2.12	0.477	171 2.94	3.914
22 0.38	0.073	72 1.31	2.666	122 2.13	0.395	172 2.95	2.665
23 0.41	0.475	73 1.33	2.044	123 2.14	-1.269	173 2.97	2.042
24 0.42	-0.146	74 1.34	1.795	124 2.16	-1.642	174 2.98	1.600
25 0.44	-0.772	75 1.36	1.671	125 2.17	-1.391	175 3.00	-0.954
26 0.45	-1.146	76 1.38	2.047	126 2.19	-0.765	176 3.01	-2.453
27 0.47	-2.020	77 1.39	2.299	127 2.21	-0.139	177 3.03	-3.702
28 0.49	-1.768	78 1.41	2.300	128 2.22	-0.138	178 3.04	-5.575
29 0.51	-1.516	79 1.43	2.676	129 2.23	-0.637	179 3.06	-4.699
30 0.53	-0.899	80 1.44	1.802	130 2.24	-1.086	180 3.08	-5.573
31 0.54	-0.889	81 1.45	-1.694	131 2.28	-1.384	181 3.10	-5.696
32 0.56	-0.688	82 1.47	-2.319	132 2.29	-0.383	182 3.11	-5.696
33 0.57	-0.512	83 1.49	-2.567	133 2.31	-0.131	183 3.12	-5.945
34 0.59	0.363	84 1.51	-2.565	134 2.32	-0.380	184 3.13	-6.194
35 0.61	0.990	85 1.52	-2.940	135 2.34	-0.629	185 3.14	-5.318
36 0.64	1.366	86 1.54	-2.939	136 2.35	-0.128	186 3.16	-3.192
37 0.65	1.118	87 1.55	-3.188	137 2.37	0.871	187 3.18	-1.558
38 0.67	2.620	88 1.57	-3.186	138 2.38	1.747	188 3.20	3.684
39 0.70	1.996	89 1.58	-3.185	139 2.40	1.240	189 3.21	4.685
40 0.72	1.747	90 1.60	-3.184	140 2.41	0.675	190 3.23	5.311
41 0.73	1.748	91 1.62	-2.308	141 2.43	0.876	191 3.24	5.563
42 0.74	1.999	92 1.64	-1.056	142 2.44	1.502	192 3.26	6.564
43 0.76	2.251	93 1.65	-0.805	143 2.46	3.629	193 3.28	5.690
44 0.78	0.128	94 1.67	-1.054	144 2.48	4.255	194 3.29	4.066
45 0.80	-1.743	95 1.70	0.196	145 2.50	4.632	195 3.30	2.817
46 0.84	-2.366	96 1.71	1.447	146 2.53	4.384	196 3.32	0.693
47 0.87	-2.614	97 1.73	1.698	147 2.54	4.010	197 3.34	0.695
48 0.89	-2.362	98 1.75	1.450	148 2.56	4.011	198 3.35	1.571
49 0.90	-1.736	99 1.77	0.826	149 2.57	2.512	199 3.36	2.196
50 0.92	-1.110	100 1.79	0.578	150 2.59	1.513	200 3.37	1.572
201 3.38	0.073	251 4.00	1.252	301 4.81	-3.942	351 5.55	0.737
202 3.39	-4.299	252 4.10	6.628	302 4.82	-2.066	352 5.57	-0.385
203 3.41	-7.922	253 4.12	9.879	303 4.83	-0.565	353 5.59	1.740
204 3.42	-7.047	254 4.13	12.005	304 4.85	-1.439	354 5.62	0.493
205 3.43	-4.171	255 4.14	11.506	305 4.86	-2.063	355 5.65	2.994
206 3.45	-0.170	256 4.16	10.507	306 4.88	-0.563	356 5.66	5.745
207 3.46	-1.579	257 4.17	9.258	307 4.90	0.063	357 5.67	7.372
208 3.48	-1.542	258 4.18	6.258	308 4.91	0.439	358 5.70	6.123
209 3.50	-1.791	259 4.19	2.134	309 4.92	1.065	359 5.71	5.249
210 3.51	-0.915	260 4.20	-4.863	310 4.94	1.941	360 5.73	2.126
211 3.52	-0.289	261 4.21	-2.112	311 4.95	5.692	361 5.75	-0.371
212 3.55	-1.163	262 4.22	0.012	312 4.97	8.193	362 5.77	-3.244
213 3.56	-2.637	263 4.24	3.784	313 4.98	5.819	363 5.80	-5.110
214 3.57	-3.661	264 4.25	5.389	314 4.99	3.570	364 5.82	-7.116
215 3.58	-3.660	265 4.27	3.265	315 5.00	2.070	365 5.83	-7.165
216 3.59	1.589	266 4.28	-0.857	316 5.03	6.698	366 5.84	-5.614
217 3.60	3.900	267 4.29	-2.356	317 5.05	5.199	367 5.86	-2.738
218 3.62	4.091	268 4.30	-3.605	318 5.07	1.451	368 5.87	-0.862
219 3.63	4.342	269 4.32	0.019	319 5.08	-0.421	369 5.88	0.637
220 3.65	4.364	270 4.33	3.145	320 5.10	-0.170	370 5.90	0.308
221 3.67	4.095	271 4.34	3.186	321 5.11	0.454	371 5.92	2.014
222 3.69	3.646	272 4.36	1.387	322 5.13	1.331	372 5.93	2.641
223 3.70	3.222	273 4.37	0.148	323 5.14	1.706	373 5.97	4.693
224 3.71	2.688	274 4.39	-0.475	324 5.16	-0.415	374 5.99	0.270
225 3.73	2.224	275 4.41	1.276	325 5.17	-3.290	375 6.01	2.022
226 3.74	2.225	276 4.42	4.152	326 5.18	-7.163	376 6.04	5.774
227 3.75	2.651	277 4.45	5.030	327 5.20	-7.163	377 6.06	4.025
228 3.77	3.102	278 4.46	4.780	328 5.21	-5.267	378 6.07	2.151
229 3.78	3.728	279 4.47	3.905	329 5.22	-2.161	379 6.09	-2.596
230 3.79	3.229	280 4.48	2.906	330 5.23	-0.285	380 6.12	0.530
231 3.80	1.355	281 4.49	2.907	331 5.24	1.964	381 6.13	-1.843
232 3.81	-0.892	282 4.51	4.158	332 5.25	3.590	382 6.14	-5.341
233 3.82	-2.142	283 4.52	5.034	333 5.27	2.716	383 6.16	-6.340
234 3.84	1.233	284 4.53	6.910	334 5.28	1.406	384 6.18	-7.088
235 3.86	2.684	285 4.54	2.286	335 5.29	-3.280	385 6.20	-6.212
236 3.87	3.715	286 4.56	-1.461	336 5.32	-0.778	386 6.21	-7.088
237 3.88	2.236	287 4.57	-4.210	337 5.34	-1.027	387 6.23	-5.585
238 3.89	-0.512	288 4.59	-4.833	338 5.35	-1.026	388 6.24	-1.634
239 3.91	-3.910	289 4.61	-4.832	339 5.37	0.098	389 6.26	-1.790
240 3.92	-6.509	290 4.62	-3.331	340 5.38	1.975	390 6.27	2.416
241 3.94	-9.133	291 4.64	-2.704	341 5.40	1.976	391 6.29	1.793
242 3.96	-9.681	292 4.66	-2.953	342 5.42	3.695	392 6.30	1.169
243 3.98	-6.255	293 4.68	-3.327	343 5.43	-5.145	393 6.32	0.295
244 3.99	-7.254	294 4.69	-3.076	344 5.44	-3.894	394 6.35	-0.327
245 4.01	-6.378	295 4.71	-2.074	345 5.45	-2.393	395 6.35	-0.326
246 4.02	-3.677	296 4.74	-1.447	346 5.47	0.731	396 6.36	0.173
247 4.03	-1.626	297 4.75	-0.821	347 5.48	2.357	397 6.37	3.049
248 4.05	0.248	298 4.76	-2.320	348 5.50	3.233	398 6.39	5.551
249 4.06	1.624	299 4.78	-4.569	349 5.51	1.734	399 6.41	3.427
250 4.07	-2.496	300 4.79	-5.443	350 5.53	-0.137	400 6.42	1.553

INDEX NO.	349	319-GR-6	SHITOKU BRIDGE	U-D	MAX. ACCEL. =	12.005(GAL)	T = 4.13(SEC)	NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	6.45	-0.693	451	7.22	4.113	501	8.06	3.178
402	6.45	0.181	452	7.23	1.239	502	8.08	0.054
403	6.48	-1.565	453	7.24	-1.598	503	8.09	-3.317
404	6.49	-3.190	454	7.26	-3.757	504	8.12	-1.191
405	6.51	-4.063	455	7.27	-5.531	505	8.15	-0.313
406	6.52	-2.563	456	7.29	-7.629	506	8.17	-1.186
407	6.54	0.813	457	7.30	-7.629	507	8.19	-1.810
408	6.55	0.313	458	7.32	-4.877	508	8.20	2.815
409	6.57	-1.559	459	7.33	-2.626	509	8.22	4.690
410	6.58	-2.606	460	7.35	0.499	510	8.23	5.316
411	6.59	-3.183	461	7.37	-0.748	511	8.25	1.692
412	6.60	-2.396	462	7.39	-2.872	512	8.27	-1.179
413	6.62	-0.600	463	7.40	-5.121	513	8.28	-3.053
414	6.64	-0.679	464	7.42	-2.994	514	8.30	-3.677
415	6.65	-0.926	465	7.43	-1.119	515	8.32	-1.175
416	6.67	0.822	466	7.45	2.132	516	8.33	0.940
417	6.68	2.072	467	7.47	1.008	517	8.35	3.200
418	6.69	2.447	468	7.48	-1.864	518	8.37	1.702
419	6.71	0.950	469	7.52	-1.467	519	8.39	-1.169
420	6.72	-0.297	470	7.54	-0.610	520	8.41	0.704
421	6.74	-0.096	471	7.55	-2.109	521	8.43	2.581
422	6.76	1.454	472	7.57	-3.733	522	8.44	5.950
423	6.78	2.705	473	7.59	-4.607	523	8.47	3.209
424	6.79	3.706	474	7.60	-4.606	524	8.49	1.335
425	6.80	3.706	475	7.62	-2.479	525	8.50	0.712
426	6.81	1.032	476	7.64	-1.693	526	8.52	0.403
427	6.83	-0.289	477	7.66	-1.226	527	8.55	-2.407
428	6.84	-3.163	478	7.67	0.023	528	8.58	-4.905
429	6.85	-1.662	479	7.69	1.900	529	8.59	-5.154
430	6.86	1.461	480	7.71	2.776	530	8.61	-4.028
431	6.87	2.712	481	7.73	3.777	531	8.62	-2.402
432	6.89	2.213	482	7.75	4.405	532	8.65	-0.900
433	6.91	0.590	483	7.76	2.530	533	8.67	-0.774
434	6.92	-2.782	484	7.77	2.281	534	8.69	-1.772
435	6.94	-3.406	485	7.80	3.158	535	8.71	-1.145
436	6.96	-3.155	486	7.82	2.909	536	8.73	-0.694
437	6.97	-2.278	487	7.83	1.295	537	8.74	-0.517
438	6.98	-1.277	488	7.84	-3.086	538	8.77	0.357
439	6.99	-1.902	489	7.86	-4.960	539	8.78	4.484
440	7.01	-3.400	490	7.88	-5.834	540	8.80	6.985
441	7.03	-4.024	491	7.89	-4.708	541	8.82	6.111
442	7.04	-2.273	492	7.91	-3.457	542	8.83	2.987
443	7.06	-0.647	493	7.93	-2.206	543	8.86	1.363
444	7.07	1.477	494	7.94	-1.839	544	8.87	0.740
445	7.10	6.230	495	7.96	-1.828	545	8.88	-2.631
446	7.13	6.357	496	7.97	-0.327	546	8.91	-4.889
447	7.16	5.904	497	7.98	1.722	547	8.94	-5.753
448	7.17	4.985	498	8.00	3.173	548	8.95	-6.502
449	7.19	4.986	499	8.02	4.425	549	8.97	-6.501
450	7.21	4.738	500	8.04	5.051	550	8.99	-4.123
501	8.06	3.178	551	9.01	-2.247	601	9.03	6.653
502	8.08	0.054	552	9.03	0.627	602	9.05	5.155
503	8.09	-3.317	553	9.04	2.628	603	9.06	3.031
504	8.12	-1.191	554	9.06	4.505	604	9.07	1.407
505	8.15	-0.313	555	9.07	3.631	605	9.08	-0.464
506	8.17	-1.186	556	9.09	1.132	606	9.09	-1.087
507	8.19	-1.810	557	9.10	-0.740	607	9.10	-1.711
508	8.20	2.815	558	9.12	-1.989	608	9.12	-1.459
509	8.22	4.690	559	9.14	-1.737	609	9.14	-1.958
510	8.23	5.316	560	9.16	-0.486	610	9.16	-0.832
511	8.25	1.692	561	9.18	0.389	611	9.18	-1.688
512	8.27	-1.179	562	9.20	-1.357	612	9.20	-1.438
513	8.28	-3.053	563	9.21	-3.232	613	9.21	-2.923
514	8.30	-3.677	564	9.23	-3.605	614	9.23	4.174
515	8.32	-1.175	565	9.25	-1.479	615	9.25	4.300
516	8.33	0.940	566	9.26	0.395	616	9.26	3.926
517	8.35	3.200	567	9.29	1.022	617	9.29	1.428
518	8.37	1.702	568	9.32	1.649	618	9.32	0.180
519	8.39	-1.169	569	9.33	3.901	619	9.33	-1.691
520	8.41	0.704	570	9.35	5.777	620	9.35	-2.315
521	8.43	2.581	571	9.37	6.653	621	9.37	-1.688
522	8.44	5.950	572	9.38	5.155	622	9.38	-1.438
523	8.47	3.209	573	9.40	3.031	623	9.40	-2.923
524	8.49	1.335	574	9.42	1.407	624	9.42	4.174
525	8.50	0.712	575	9.45	-0.464	625	9.45	4.300
526	8.52	0.403	576	9.46	-1.087	626	9.46	3.926
527	8.55	-2.407	577	9.48	-1.711	627	9.48	1.428
528	8.58	-4.905	578	9.50	-1.459	628	9.50	0.180
529	8.59	-5.154	579	9.52	-1.958	629	9.52	-1.691
530	8.61	-4.028	580	9.53	-0.832	630	9.53	-2.315
531	8.62	-2.402	581	9.56	1.688	631	9.56	-1.438
532	8.65	-0.900	582	9.59	0.796	632	9.59	-2.923
533	8.67	-0.774	583	9.62	2.923	633	9.62	4.174
534	8.69	-1.772	584	9.64	4.300	634	9.64	3.926
535	8.71	-1.145	585	9.65	1.428	635	9.65	0.180
536	8.73	-0.694	586	9.67	-1.691	636	9.67	-2.315
537	8.74	-0.517	587	9.70	-1.438	637	9.70	-1.688
538	8.77	0.357	588	9.72	-1.438	638	9.72	-1.438
539	8.78	4.484	589	9.74	-1.691	639	9.74	-1.688
540	8.80	6.985	590	9.75	-2.315	640	9.75	-2.315
541	8.82	6.111	591	9.78	-1.688	641	9.78	-1.688
542	8.83	2.987	592	9.79	-1.438	642	9.79	-1.438
543	8.86	1.363	593	9.82	-2.923	643	9.82	4.174
544	8.87	0.740	594	9.84	3.926	644	9.84	1.428
545	8.88	-2.631	595	9.87	-1.691	645	9.87	-1.688
546	8.91	-4.889	596	9.89	-3.555	646	9.89	-3.555
547	8.94	-5.753	597	9.91	-5.303	647	9.91	-5.303
548	8.95	-6.502	598	9.94	-4.426	648	9.94	-4.426
549	8.97	-6.501	599	9.96	-5.049	649	9.96	-5.049
550	8.99	-4.123	600	9.97	-4.548	650	9.97	-4.548

INDEX NO.	349	319-GR-4	SHITOKU BRIDGE	U-D	MAX. ACCEL. =	12.005(GAL)	T = 4.13(SEC)	NO. 4
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
601	9.90	-2.047	651	11.25	-4.451	701	12.59	0.648
602	10.00	1.452	652	11.29	-3.448	702	12.63	-0.847
603	10.02	1.704	653	11.31	-2.822	703	12.65	0.652
604	10.04	2.330	654	11.33	-1.945	704	12.67	1.653
605	10.07	3.332	655	11.35	-0.688	705	12.69	1.405
606	10.09	3.584	656	11.38	-1.557	706	12.72	0.157
607	10.10	3.960	657	11.42	1.559	707	12.74	0.033
608	10.13	2.712	658	11.44	0.936	708	12.77	0.411
609	10.16	1.214	659	11.47	0.063	709	12.80	0.663
610	10.18	0.841	660	11.49	-0.308	710	12.83	0.165
611	10.21	0.593	661	11.51	-0.556	711	12.86	-1.706
612	10.23	0.594	662	11.53	-1.180	712	12.89	-2.328
613	10.26	1.722	663	11.56	-1.803	713	12.91	-0.826
614	10.28	1.724	664	11.57	-1.802	714	12.93	-0.200
615	10.33	-0.021	665	11.60	-0.300	715	12.97	-0.447
616	10.36	-1.644	666	11.63	0.575	716	12.99	-0.827
617	10.39	-2.267	667	11.64	0.951	717	13.02	-1.443
618	10.42	-2.514	668	11.67	0.328	718	13.06	-0.565
619	10.46	-3.761	669	11.69	0.080	719	13.11	0.436
620	10.49	-3.759	670	11.72	0.582	720	13.14	0.689
621	10.52	-3.507	671	11.74	0.959	721	13.18	1.317
622	10.55	-2.004	672	11.77	1.586	722	13.21	2.319
623	10.60	1.122	673	11.80	2.213	723	13.23	2.946
624	10.62	2.124	674	11.83	2.715	724	13.27	1.699
625	10.64	2.751	675	11.86	1.967	725	13.30	0.826
626	10.68	2.753	676	11.89	1.595	726	13.33	0.203
627	10.69	1.879	677	11.91	-1.346	727	13.38	-3.291
628	10.71	0.006	678	11.94	-0.275	728	13.40	-3.039
629	10.74	-1.615	679	11.97	-2.148	729	13.42	-2.663
630	10.76	-2.488	680	11.99	-3.395	730	13.45	-1.411
631	10.78	-2.487	681	12.03	-4.010	731	13.48	0.090
632	10.81	-1.359	682	12.07	-4.265	732	13.52	0.467
633	10.83	1.516	683	12.10	-4.012	733	13.55	0.720
634	10.85	2.767	684	12.12	-2.136	734	13.57	1.096
635	10.88	1.894	685	12.14	-0.260	735	13.61	4.225
636	10.91	0.846	686	12.16	1.865	736	13.64	2.977
637	10.93	-0.600	687	12.18	3.492	737	13.68	0.855
638	10.94	-1.224	688	12.21	5.369	738	13.75	1.575
639	10.98	-0.346	689	12.23	4.745	739	13.78	2.610
640	11.00	-0.345	690	12.26	2.872	740	13.78	-0.762
641	11.03	1.155	691	12.30	0.750	741	13.81	-0.133
642	11.05	1.532	692	12.32	0.752	742	13.82	0.472
643	11.07	1.264	693	12.36	-0.493	743	13.86	1.368
644	11.10	-0.339	694	12.40	-1.740	744	13.89	0.871
645	11.11	-1.507	695	12.42	-2.739	745	13.92	1.123
646	11.13	-4.335	696	12.44	-2.112	746	13.95	-0.373
647	11.15	-3.959	697	12.48	-1.454	747	13.98	-2.247
648	11.18	-2.207	698	12.50	-2.212	748	14.00	-1.575
649	11.20	-4.080	699	12.54	-2.164	749	14.07	-1.114
650	11.25	-4.353	700	12.56	-1.853	750	14.10	0.512
701	15.08	-0.640	751	15.08	-0.640	801	15.08	-0.640
702	15.11	-0.763	752	15.11	-0.763	802	15.11	-0.763
703	15.14	0.267	753	15.14	0.267	803	15.14	0.267
704	15.18	0.785	754	15.18	0.785	804	15.18	0.785
705	15.21	-0.103	755	15.21	-0.103	805	15.21	-0.103
706	15.24	-0.101	756	15.24	-0.101	806	15.24	-0.101
707	15.27	-1.349	757	15.27	-1.349	807	15.27	-1.349
708	15.30	0.527	758	15.30	0.527	808	15.30	0.527
709	15.33	-0.094	759	15.33	-0.094	809	15.33	-0.094
710	15.39	1.590	760	15.39	1.590	810	15.39	1.590
711	15.42	-2.587	761	15.42	-2.587	811	15.42	-2.587
712	16.45	-1.710	762	16.45	-1.710	812	16.45	-1.710
713	16.48	-1.083	763	16.48	-1.083	813	16.48	-1.083
714	16.51	-0.706	764	16.51	-0.706	814	16.51	-0.706
715	16.55	-0.453	765	16.55	-0.453	815	16.55	-0.453
716	16.59	-0.700	766	16.59	-0.700	816	16.59	-0.700
717	16.62	-0.697	767	16.62	-0.697	817	16.62	-0.697
718	16.65	-0.445	768	16.65	-0.445	818	16.65	-0.445
719	16.70	0.557	769	16.70	0.557	819	16.70	0.557
720	16.72	1.608	770	16.72	1.608	820	16.72	1.608
721	16.74	2.050	771	16.74	2.050	821	16.74	2.050
722	16.76	2.438	772	16.76	2.438	822	16.76	2.438
723	16.81	1.565	773	16.81	1.565	823	16.81	1.565
724	16.83	0.942	774	16.83	0.942	824	16.83	0.942
725	16.86	-0.054	775	16.86	-0.054	825	16.86	-0.054
726	16.88	-0.303	776	16.88	-0.303	826	16.88	-0.303
727	16.92	0.532	777	16.92	0.532	827	16.92	0.532
728	16.93	0.274	778	16.93	0.274	828	16.93	0.274
729	16.97	-0.327	779	16.97	-0.327	829	16.97	-0.327
730	16.99	0.294	780	16.99	0.294	830	16.99	0.294
731	15.01	-0.292	781	15.01	-0.292	831	15.01	-0.292
732	15.04	-0.041	782	15.04	-0.041	832	15.04	-0.041
733	15.07	0.586	783	15.07	0.586	833	15.07	0.586
734	15.11	2.463	784	15.11	2.463	834	15.11	2.463
735	15.14	-0.033	785	15.14	-0.033	835	15.14	-0.033
736	15.19	1.219	786	15.19	1.219	836	15.19	1.219
737	15.21	1.086	787	15.21	1.086	837	15.21	1.086
738	15.25	2.247	788	15.25	2.247	838	15.25	2.247
739	15.29	2.226	789	15.29	2.226	839	15.29	2.226
740	15.34	0.980	790	15.34	0.980	840	15.34	0.980
741	15.38	-0.640	791	15.38	-0.640	841	15.38	-0.640
742	15.41	-1.282	792	15.41	-1.282	842	15.41	-1.282
743	15.46	-0.804	793	15.46	-0.804	843	15.46	-0.804
744	15.50	-1.631	794	15.50	-1.631	844	15.50	-1.631
745	15.53	-1.628	795	15.53	-1.628	845	15.53	-1.628
746	15.56	-1.626	796	15.56	-1.626	846	15.56	-1.626
747	15.60	-1.623	797	15.60	-1.623	847	15.60	-1.623
748	15.63	-1.247	798	15.63	-1.247	848	15.63	-1.247
749	15.65	-0.370	799	15.65	-0.370	849	15.65	-0.370
750	15.69	-0.617	800	15.69	-0.617	850	15.69	-0.617

INDEX NO. 349	319-GR-4	SHITOKU BRIDGE	U-D	MAX. ACCEL. =	12.005(GAL)	T = 4.13(SEC)	NO. 5
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)		
801 15.72	-1.805	851 17.20	0.996	901 18.70	2.369		
802 15.75	-0.363	852 17.22	0.123	902 18.82	2.372		
803 15.78	0.630	853 17.24	-1.123	903 18.85	1.499		
804 15.80	0.890	854 17.27	0.376	904 18.88	0.002		
805 15.84	0.892	855 17.29	2.004	905 18.91	-0.620		
806 15.87	0.976	856 17.33	1.757	906 18.94	-1.242		
807 15.90	0.647	857 17.37	1.384				
808 15.93	-0.850	858 17.41	0.512				
809 15.95	0.274	859 17.45	-0.107				
810 15.98	1.003	860 17.48	-0.105				
811 16.01	1.030	861 17.51	0.395				
812 16.04	1.283	862 17.55	0.773				
813 16.08	1.035	863 17.57	0.775				
814 16.10	0.412	864 17.61	0.528				
815 16.12	-0.209	865 17.66	-0.091				
816 16.16	0.667	866 17.70	-0.463				
817 16.18	0.665	867 17.72	-1.067				
818 16.21	-0.828	868 17.76	-1.334				
819 16.23	-0.576	869 17.78	-1.282				
820 16.27	0.050	870 17.81	-0.205				
821 16.30	-0.195	871 17.85	0.171				
822 16.32	-0.194	872 17.89	0.424				
823 16.34	0.056	873 17.94	1.053				
824 16.38	1.559	874 17.98	0.806				
825 16.40	0.685	875 18.01	0.558				
826 16.42	-0.186	876 18.05	-0.063				
827 16.46	0.940	877 18.08	-0.434				
828 16.48	1.566	878 18.13	-1.055				
829 16.51	0.069	879 18.16	-1.053				
830 16.54	-0.552	880 18.18	-1.051				
831 16.60	-0.549	881 18.20	-0.800				
832 16.62	-0.294	882 18.24	0.451				
833 16.65	-0.294	883 18.27	1.704				
834 16.67	0.706	884 18.30	2.081				
835 16.71	1.959	885 18.34	1.459				
836 16.74	1.961	886 18.36	0.586				
837 16.78	0.714	887 18.40	-0.035				
838 16.81	-0.151	888 18.41	-0.658				
839 16.84	-1.155	889 18.43	-1.032				
840 16.89	0.097	890 18.47	-1.030				
841 16.94	0.101	891 18.50	-0.401				
842 16.96	0.104	892 18.53	-0.149				
843 17.00	0.106	893 18.57	0.227				
844 17.03	0.109	894 18.60	0.229				
845 17.06	0.111	895 18.62	0.231				
846 17.08	-0.135	896 18.64	0.233				
847 17.10	-0.509	897 18.67	-0.638				
848 17.12	-1.133	898 18.71	-1.010				
849 17.15	-1.381	899 18.74	0.241				
850 17.18	-0.253	900 18.77	1.742				

Table IV D-51. Digitized Accelerations of Earthquake Record with Index Number 350

INDEX NO. 350	319-GR-4	SHITOKU BRIDGE	LG.	MAX. ACCEL. =	25.253(GAL)	T = 2.20(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-1.625	51 1.01	-3.411	101 1.77	-1.095	151 2.81	-0.772
2 0.01	-2.249	52 1.04	-1.782	102 1.79	-0.843	152 2.83	-0.145
3 0.03	-0.373	53 1.08	-2.780	103 1.80	3.156	153 2.84	-1.394
4 0.05	1.127	54 1.09	0.970	104 1.81	3.532	154 2.86	-3.267
5 0.07	1.880	55 1.11	3.097	105 1.83	3.203	155 2.89	-4.140
6 0.10	0.006	56 1.12	3.723	106 1.85	2.910	156 2.71	-4.138
7 0.12	-2.240	57 1.14	-2.224	107 1.87	2.662	157 2.73	-3.656
8 0.14	-3.112	58 1.15	0.350	108 1.89	1.663	158 2.75	-3.684
9 0.16	-1.611	59 1.16	-1.522	109 1.91	-0.458	159 2.77	-5.757
10 0.18	1.514	60 1.17	-3.021	110 1.93	-1.706	160 2.79	-7.006
11 0.19	2.390	61 1.18	-4.645	111 1.94	-2.705	161 2.80	-6.130
12 0.21	2.141	62 1.21	-2.788	112 1.97	-4.202	162 2.81	-3.879
13 0.22	1.260	63 1.22	0.606	113 1.99	-5.201	163 2.82	3.245
14 0.24	-0.354	64 1.23	1.857	114 2.01	-5.199	164 2.84	6.497
15 0.27	1.897	65 1.24	2.483	115 2.03	-2.447	165 2.85	9.372
16 0.30	-0.350	66 1.26	1.359	116 2.05	-1.446	166 2.86	7.873
17 0.33	0.528	67 1.27	-0.887	117 2.06	-0.570	167 2.88	5.625
18 0.36	0.530	68 1.29	-1.136	118 2.08	-1.443	168 2.89	3.126
19 0.37	2.156	69 1.30	-1.760	119 2.10	-2.691	169 2.91	2.877
20 0.38	3.658	70 1.32	-0.633	120 2.12	-2.065	170 2.93	5.629
21 0.40	3.409	71 1.34	1.241	121 2.13	0.684	171 2.94	6.505
22 0.41	2.785	72 1.35	3.117	122 2.14	4.436	172 2.96	8.132
23 0.43	1.911	73 1.36	3.358	123 2.16	6.438	173 2.97	6.633
24 0.45	0.913	74 1.38	3.869	124 2.17	8.063	174 2.98	3.509
25 0.46	0.664	75 1.39	-0.252	125 2.19	2.439	175 3.00	-3.487
26 0.48	-0.957	76 1.41	-3.001	126 2.20	-4.182	176 3.01	-5.987
27 0.50	-1.205	77 1.42	-4.875	127 2.22	-5.806	177 3.03	-7.860
28 0.52	-1.579	78 1.43	-5.249	128 2.23	-3.305	178 3.05	-7.358
29 0.53	-3.702	79 1.44	-3.748	129 2.24	-1.429	179 3.06	-5.482
30 0.56	-4.325	80 1.45	-2.497	130 2.25	0.445	180 3.09	-8.229
31 0.59	-1.572	81 1.47	-1.496	131 2.26	3.196	181 3.11	-11.478
32 0.62	-1.320	82 1.48	0.379	132 2.28	7.073	182 3.12	-13.977
33 0.65	-0.942	83 1.51	-0.242	133 2.30	5.949	183 3.14	-11.225
34 0.67	-0.690	84 1.52	-1.691	134 2.31	2.200	184 3.16	-8.724
35 0.70	0.560	85 1.54	-3.365	135 2.32	-3.206	185 3.18	-5.597
36 0.72	0.938	86 1.55	-3.613	136 2.34	-5.798	186 3.19	-3.346
37 0.74	0.938	87 1.57	-2.112	137 2.35	-2.044	187 3.20	1.153
38 0.75	1.190	88 1.58	-0.861	138 2.36	0.079	188 3.21	3.280
39 0.77	0.941	89 1.61	-1.109	139 2.37	1.705	189 3.23	5.155
40 0.78	0.942	90 1.62	-2.358	140 2.39	3.207	190 3.24	5.781
41 0.81	1.195	91 1.64	-2.981	141 2.40	2.333	191 3.26	4.908
42 0.83	1.197	92 1.65	-2.105	142 2.42	1.709	192 3.28	4.660
43 0.85	0.324	93 1.67	0.020	143 2.44	0.836	193 3.30	4.911
44 0.87	-0.298	94 1.68	1.896	144 2.45	1.087	194 3.32	7.538
45 0.88	-0.922	95 1.70	3.772	145 2.47	1.714	195 3.33	8.414
46 0.93	2.206	96 1.71	5.308	146 2.48	1.091	196 3.34	9.666
47 0.94	0.332	97 1.73	5.649	147 2.52	2.593	197 3.36	8.792
48 0.95	-1.540	98 1.74	4.525	148 2.54	5.470	198 3.37	5.410
49 0.97	-3.039	99 1.75	2.277	149 2.56	2.722	199 3.38	-4.783
50 0.99	-3.412	100 1.76	0.402	150 2.58	-2.274	200 3.40	-6.578

INDEX NO.	350	319-GR-4	SHITOKU BRIDGE	LG.	MAX.ACCEL. *	25.253(GAL)	T = 7.20(SEC)	NO. 2			
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)		
201	3.62	-3.201	251	4.25	-11.245	301	5.04	-2.933	351	5.88	3.263
202	3.63	2.423	252	4.27	-19.001	302	5.08	-0.931	352	5.90	3.014
203	3.64	4.799	253	4.28	-22.375	303	5.09	3.194	353	5.92	1.390
204	3.65	0.550	254	4.30	-16.249	304	5.10	8.570	354	5.93	1.152
205	3.67	-7.571	255	4.31	-4.248	305	5.12	2.072	355	5.95	-3.604
206	3.68	-14.570	256	4.32	10.751	306	5.13	-4.301	356	5.96	-6.103
207	3.51	-10.810	257	4.33	19.628	307	5.14	-11.299	357	5.98	-6.727
208	3.53	-4.942	258	4.36	6.379	308	5.16	-11.924	358	5.99	-6.101
209	3.54	-0.441	259	4.37	-12.242	309	5.17	-10.047	359	6.00	-3.600
210	3.55	2.058	260	4.38	-15.366	310	5.19	-4.171	360	6.02	-0.608
211	3.57	-12.936	261	4.40	-8.865	311	5.21	7.329	361	6.03	2.651
212	3.59	-12.936	262	4.41	-3.614	312	5.23	11.456	362	6.04	6.402
213	3.61	-7.059	263	4.42	1.260	313	5.24	7.082	363	6.06	3.278
214	3.62	5.815	264	4.43	4.011	314	5.26	0.633	364	6.09	-0.468
215	3.64	0.191	265	4.45	6.202	315	5.28	-5.163	365	6.12	5.159
216	3.66	7.310	266	4.46	3.138	316	5.30	12.089	366	6.13	1.159
217	3.68	7.819	267	4.48	0.015	317	5.32	10.715	367	6.15	-9.586
218	3.69	7.946	268	4.50	-1.232	318	5.34	16.590	368	6.17	-2.585
219	3.72	5.449	269	4.51	0.642	319	5.35	11.591	369	6.20	6.040
220	3.74	9.700	270	4.53	1.269	320	5.36	-8.280	370	6.23	-2.955
221	3.76	14.827	271	4.54	4.020	321	5.38	-10.280	371	6.25	0.420
222	3.77	9.953	272	4.55	7.271	322	5.39	-10.903	372	6.26	2.296
223	3.78	7.079	273	4.59	5.774	323	5.41	-10.652	373	6.28	-8.950
224	3.80	-2.168	274	4.60	3.276	324	5.43	-6.900	374	6.29	-13.075
225	3.82	-1.291	275	4.61	0.927	325	5.44	-2.274	375	6.32	-11.572
226	3.83	1.458	276	4.63	-3.345	326	5.46	-2.001	376	6.33	-6.821
227	3.84	2.459	277	4.65	-1.043	327	5.47	1.352	377	6.36	-2.810
228	3.85	-0.038	278	4.67	-0.342	328	5.49	-2.645	378	6.39	-1.816
229	3.88	-4.036	279	4.69	0.203	329	5.50	-6.769	379	6.41	2.059
230	3.90	-7.159	280	4.70	-0.589	330	5.51	-8.643	380	6.43	6.436
231	3.91	-8.783	281	4.72	-3.962	331	5.53	-8.766	381	6.45	14.813
232	3.93	-7.531	282	4.73	-6.211	332	5.57	13.360	382	6.47	19.014
233	3.95	-6.904	283	4.74	-8.710	333	5.58	3.986	383	6.48	15.190
234	3.98	-7.527	284	4.76	-9.459	334	5.60	-11.509	384	6.50	3.191
235	4.00	-4.400	285	4.77	-9.832	335	5.63	-6.633	385	6.52	-7.930
236	4.01	-8.274	286	4.79	-7.956	336	5.64	-1.082	386	6.54	-4.428
237	4.03	-5.648	287	4.81	-5.704	337	5.65	1.093	387	6.57	-8.175
238	4.04	-1.647	288	4.83	-3.577	338	5.67	5.744	388	6.58	-3.540
239	4.05	-0.395	289	4.86	-3.450	339	5.68	7.745	389	6.59	-0.799
240	4.07	0.604	290	4.88	-5.322	340	5.71	3.372	390	6.60	2.327
241	4.08	3.355	291	4.90	-3.571	341	5.72	7.998	391	6.65	-9.018
242	4.09	9.732	292	4.91	3.803	342	5.73	10.250	392	6.67	-6.541
243	4.12	10.983	293	4.92	5.929	343	5.76	8.751	393	6.69	2.958
244	4.13	9.859	294	4.94	8.305	344	5.77	6.878	394	6.70	6.459
245	4.14	6.360	295	4.97	10.800	345	5.79	2.755	395	6.73	0.587
246	4.16	0.112	296	4.98	6.434	346	5.81	-1.367	396	6.75	3.338
247	4.17	-3.385	297	4.99	1.802	347	5.82	-3.616	397	6.76	5.465
248	4.19	0.865	298	5.00	-3.313	348	5.84	-7.614	398	6.78	3.716
249	4.21	17.367	299	5.02	-9.435	349	5.86	-2.988	399	6.80	-0.405
250	4.23	23.118	300	5.03	-6.936	350	5.87	-0.862	400	6.82	6.846

INDEX NO.	350	319-GR-4	SHITOKU BRIDGE	LG.	MAX. ACCEL. *	25.253 (GAL)	T = 7.20 (SEC)	NO. 3			
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)		
401	6.84	10.346	451	7.59	-5.210	501	8.46	-10.008	551	9.42	-4.423
402	6.85	12.473	452	7.61	4.915	502	8.47	-7.257	552	9.43	2.952
403	6.87	11.974	453	7.62	12.542	503	8.49	7.618	553	9.47	-1.418
404	6.88	7.225	454	7.65	7.293	504	8.50	11.359	554	9.49	1.082
405	6.89	3.226	455	7.67	2.919	505	8.52	13.870	555	9.52	-0.789
406	6.91	-1.621	456	7.68	-0.452	506	8.53	13.122	556	9.55	2.962
407	6.93	-9.519	457	7.69	-2.201	507	8.54	3.997	557	9.57	1.464
408	6.94	-3.643	458	7.70	4.673	508	8.56	-6.498	558	9.58	-0.783
409	6.95	2.106	459	7.73	10.676	509	8.59	-3.997	559	9.60	-2.282
410	6.96	7.482	460	7.75	7.302	510	8.61	1.629	560	9.61	1.963
411	6.98	0.359	461	7.77	4.178	511	8.64	3.881	561	9.62	6.345
412	6.99	-12.013	462	7.80	2.306	512	8.66	-1.740	562	9.66	4.347
413	7.01	-10.387	463	7.82	1.058	513	8.68	-3.614	563	9.67	-2.275
414	7.03	-14.760	464	7.84	-0.938	514	8.69	-4.237	564	9.69	-6.024
415	7.04	-10.634	465	7.85	-3.438	515	8.71	-3.111	565	9.70	-3.023
416	7.06	-5.507	466	7.87	-4.310	516	8.73	0.639	566	9.72	2.978
417	7.07	0.242	467	7.90	-3.808	517	8.76	-4.606	567	9.75	1.730
418	7.08	1.493	468	7.92	-4.931	518	8.78	-1.479	568	9.77	1.732
419	7.10	-4.128	469	7.93	-7.180	519	8.82	-2.101	569	9.80	-0.369
420	7.12	-8.502	470	7.95	-7.554	520	8.84	2.899	570	9.81	-2.638
421	7.14	-13.000	471	7.96	-6.302	521	8.85	2.025	571	9.84	3.238
422	7.15	-7.124	472	7.98	-3.426	522	8.87	-2.720	572	9.85	6.345
423	7.17	13.126	473	7.99	1.198	523	8.89	-4.218	573	9.87	9.415
424	7.18	17.627	474	8.00	1.024	524	8.92	-2.467	574	9.89	4.617
425	7.20	25.220	475	8.02	0.701	525	8.93	7.033	575	9.91	-7.254
426	7.21	21.254	476	8.03	-2.421	526	8.95	8.784	576	9.92	-11.753
427	7.22	14.005	477	8.05	-4.910	527	8.96	5.285	577	9.94	-6.501
428	7.23	7.381	478	8.06	-2.793	528	8.98	3.661	578	9.95	-1.250
429	7.24	-1.240	479	8.09	2.207	529	9.01	1.164	579	9.96	1.374
430	7.25	0.1259	480	8.11	4.958	530	9.02	-0.333	580	9.98	4.501
431	7.28	9.761	481	8.12	8.586	531	9.03	-3.332	581	10.00	3.002
432	7.30	13.763	482	8.15	6.087	532	9.06	-3.080	582	10.02	-3.868
433	7.32	9.764	483	8.16	-1.535	533	9.08	-3.328	583	10.04	-6.367
434	7.34	-3.482	484	8.17	-6.533	534	9.10	1.922	584	10.06	-3.616
435	7.36	-6.231	485	8.19	-4.032	535	9.13	8.299	585	10.07	-1.365
436	7.37	-6.605	486	8.21	2.218	536	9.14	4.300	586	10.08	0.509
437	7.39	-5.352	487	8.23	4.344	537	9.15	-2.321	587	10.11	-0.362
438	7.41	-3.476	488	8.24	2.220	538	9.17	-3.945	588	10.13	-0.985
439	7.43	1.523	489	8.26	-4.276	539	9.19	-4.568	589	10.14	-0.108
440	7.44	0.024	490	8.28	3.474	540	9.21	-4.567	590	10.16	1.141
441	7.45	-3.472	491	8.29	7.975	541	9.22	-2.065	591	10.17	4.267
442	7.46	-12.346	492	8.31	4.052	542	9.24	-2.310	592	10.19	9.394
443	7.47	-13.595	493	8.33	1.103	543	9.26	-1.688	593	10.21	6.645
444	7.49	-8.969	494	8.35	-2.143	544	9.28	-6.000	594	10.23	2.897
445	7.50	4.031	495	8.37	-3.641	545	9.30	-2.538	595	10.24	0.399
446	7.52	7.531	496	8.39	-3.350	546	9.32	7.692	596	10.26	-1.598
447	7.53	5.408	497	8.40	-1.888	547	9.35	10.194	597	10.27	-2.597
448	7.55	-8.859	498	8.41	-0.012	548	9.36	8.445	598	10.29	-1.720
449	7.56	-15.462	499	8.43	-2.135	549	9.38	-3.551	599	10.31	0.780
450	7.58	-12.666	500	8.44	-8.009	550	9.40	-8.674	600	10.33	3.282

INDEX NO.	350	319-GR-4	SHITOKU BRIDGE	LG.	MAX.ACCEL.±	25.253(GAL)	T= 7.20(SEC)	NO. 4
NO. (SEC)	(GAL)		NO. (SEC)	(GAL)		NO. (SEC)	(GAL)	
601	10.36	5.784	651	11.24	6.237	701	12.14	-1.559
602	10.37	6.785	652	11.25	1.487	702	12.16	0.066
603	10.38	4.911	653	11.27	-0.634	703	12.18	0.318
604	10.40	-1.336	654	11.30	-2.758	704	12.21	0.320
605	10.41	-4.709	655	11.30	-6.506	705	12.25	2.574
606	10.43	-10.833	656	11.32	-2.130	706	12.29	4.077
607	10.45	-9.332	657	11.33	-5.629	707	12.33	3.205
608	10.48	-6.454	658	11.36	-0.377	708	12.35	2.582
609	10.59	-3.327	659	11.37	1.497	709	12.38	3.835
610	10.52	-1.625	660	11.38	3.749	710	12.41	-2.203
611	10.54	-2.948	661	11.40	4.000	711	12.45	-0.532
612	10.56	-3.947	662	11.41	1.251	712	12.49	-3.903
613	10.57	-2.696	663	11.42	-0.621	713	12.52	-3.901
614	10.58	1.179	664	11.43	-2.494	714	12.55	-2.773
615	10.60	3.395	665	11.47	-1.242	715	12.58	-1.520
616	10.62	4.557	666	11.48	-0.366	716	12.62	-1.517
617	10.63	4.550	667	11.50	-2.114	717	12.63	-1.513
618	10.65	2.810	668	11.52	-0.988	718	12.64	-0.265
619	10.66	1.561	669	11.53	1.511	719	12.67	1.360
620	10.68	4.938	670	11.54	3.388	720	12.70	-0.760
621	10.71	7.199	671	11.57	5.014	721	12.72	1.614
622	10.72	7.016	672	11.58	4.166	722	12.73	3.805
623	10.74	7.942	673	11.59	2.892	723	12.74	6.617
624	10.76	3.194	674	11.61	-0.605	724	12.77	8.619
625	10.77	-4.052	675	11.62	-3.354	725	12.78	5.245
626	10.78	-7.177	676	11.64	-6.852	726	12.79	2.121
627	10.80	-8.925	677	11.65	-5.976	727	12.81	-12.651
628	10.81	-8.924	678	11.66	-2.850	728	12.83	-2.999
629	10.83	-4.547	679	11.68	-0.975	729	12.84	-2.748
630	10.87	-2.044	680	11.70	-0.347	730	12.85	-1.122
631	10.88	-0.668	681	11.72	-1.220	731	12.86	0.377
632	10.90	0.207	682	11.75	-3.967	732	12.88	2.620
633	10.92	3.083	683	11.76	-3.002	733	12.89	2.629
634	10.93	0.584	684	11.78	0.658	734	12.91	-0.117
635	10.94	-2.162	685	11.80	3.409	735	12.92	-2.366
636	10.96	-3.161	686	11.82	3.161	736	12.93	-4.240
637	10.97	-4.035	687	11.85	-0.584	737	12.95	-2.989
638	10.99	4.341	688	11.86	3.615	738	12.97	7.024
639	11.03	6.468	689	11.88	4.667	739	13.00	-2.359
640	11.06	7.595	690	11.91	4.669	740	13.02	-2.357
641	11.07	4.471	691	11.95	4.672	741	13.04	-2.355
642	11.08	1.722	692	11.96	4.673	742	13.07	0.395
643	11.10	-0.649	693	11.98	1.925	743	13.09	-0.726
644	11.12	1.476	694	11.99	0.676	744	13.13	0.400
645	11.14	3.978	695	12.02	-1.445	745	13.15	1.402
646	11.16	4.979	696	12.03	-3.310	746	13.18	1.405
647	11.18	2.481	697	12.05	-4.567	747	13.19	1.405
648	11.19	-0.891	698	12.07	-4.565	748	13.22	3.334
649	11.20	-4.015	699	12.11	-3.436	749	13.25	5.161
650	11.23	-2.513	700	12.13	-3.435	750	13.27	3.913
751	13.31	-1.416	752	13.34	2.689	753	13.36	2.920
754	13.39	3.428	755	13.42	-0.445	756	13.45	-2.508
757	13.47	-4.016	758	13.50	4.584	759	13.51	-3.313
760	13.53	-2.311	761	13.55	-3.184	762	13.57	-3.007
763	13.59	-3.556	764	13.61	-0.177	765	13.65	1.447
766	13.66	4.573	767	13.67	5.450	768	13.70	4.573
769	13.73	4.580	770	13.75	4.580	771	13.76	3.331
772	13.79	0.583	773	13.81	2.711	774	13.83	2.881
775	13.84	0.581	776	13.87	-2.908	777	13.88	-5.407
778	13.90	-0.905	779	13.91	-0.779	780	13.94	1.096
781	13.96	0.648	782	13.99	-0.648	783	14.02	-2.519
784	14.05	-1.642	785	14.08	-0.390	786	14.11	-1.636
787	14.13	-1.010	788	14.15	0.885	789	14.18	0.618
790	14.21	1.745	791	14.24	3.998	792	14.26	4.875
793	14.29	5.502	794	14.33	-0.368	795	14.35	-0.616
796	14.38	0.885	797	14.40	0.262	798	14.43	-1.859
799	14.45	-3.42	800	14.47	-4.730			

INDEX NO.	350	319-GR-4	SHITOKU BRIDGE	LG.	MAX.ACCEL.±	25.253(GAL)	T= 7.20(SEC)	NO. 5	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
801	14.48	-2.229	851	15.73	0.628	901	16.87	951	18.13
802	14.50	0.521	852	15.74	1.879	902	16.89	952	18.15
803	14.51	1.146	853	15.75	2.504	903	16.91	953	18.18
804	14.55	-0.348	854	15.77	1.381	904	16.95	954	18.20
805	14.57	-0.346	855	15.78	-0.491	905	16.97	955	18.22
806	14.59	-0.094	856	15.80	-2.115	906	16.99	956	18.25
807	14.63	0.282	857	15.82	-0.238	907	17.01	957	18.27
808	14.66	-1.589	858	15.84	2.262	908	17.03	958	18.30
809	14.69	-0.336	859	15.86	3.514	909	17.06	959	18.34
810	14.71	-0.084	860	15.89	0.142	910	17.09	960	18.36
811	14.74	-2.206	861	15.90	-1.105	911	17.11	961	18.39
812	14.76	-2.455	862	15.93	-1.020	912	17.12	962	18.41
813	14.78	-0.078	863	15.95	2.272	913	17.14	963	18.45
814	14.80	2.172	864	16.01	-1.471	914	17.17	964	18.47
815	14.83	4.299	865	16.03	0.404	915	17.21	965	18.50
816	14.86	2.802	866	16.05	1.031	916	17.23	966	18.52
817	14.87	2.178	867	16.08	-2.099	917	17.25	967	18.55
818	14.91	2.431	868	16.13	0.413	918	17.26	968	18.57
819	14.94	2.434	869	16.15	-0.459	919	17.27	969	18.59
820	14.95	1.560	870	16.17	-2.081	920	17.30	970	18.63
821	14.98	-1.811	871	16.19	-1.205	921	17.33	971	18.67
822	15.00	-2.184	872	16.21	2.920	922	17.35	972	18.70
823	15.03	-3.681	873	16.23	4.797	923	17.37	973	18.73
824	15.04	-4.305	874	16.24	2.923	924	17.39	974	18.76
825	15.07	-2.178	875	16.26	0.175	925	17.41	975	18.79
826	15.10	-1.300	876	16.29	-2.322	926	17.43	976	18.80
827	15.13	-0.922	877	16.31	-0.194	927	17.46	977	18.82
828	15.15	-0.921	878	16.33	0.431	928	17.47	978	18.84
829	15.16	0.579	879	16.36	0.433	929	17.49	979	18.87
830	15.19	3.081	880	16.39	0.436	930	17.51	980	18.90
831	15.22	0.708	881	16.41	-0.435	931	17.54	981	18.91
832	15.26	3.087	882	16.45	3.816	932	17.57	982	18.94
833	15.28	1.964	883	16.49	-1.428	933	17.58		
834	15.30	2.466	884	16.52	2.573	934	17.63		
835	15.33	3.093	885	16.54	3.824	935	17.66		
836	15.35	3.095	886	16.56	2.076	936	17.68		
837	15.37	2.596	887	16.57	0.202	937	17.71		
838	15.39	1.973	888	16.59	-2.045	938	17.73		
839	15.42	2.476	889	16.61	-3.293	939	17.75		
840	15.45	2.228	890	16.62	-3.292	940	17.78		
841	15.49	-1.142	891	16.63	-1.416	941	17.83		
842	15.51	-3.013	892	16.65	0.459	942	17.88		
843	15.53	-1.388	893	16.66	2.585	943	17.93		
844	15.56	-2.510	894	16.68	2.336	944	17.96		
845	15.59	-3.382	895	16.72	-1.658	945	18.00		
846	15.61	-1.005	896	16.74	-0.156	946	18.01		
847	15.64	-2.753	897	16.77	-0.154	947	18.04		
848	15.67	-2.750	898	16.79	-0.402	948	18.06		
849	15.69	-2.999	899	16.81	-1.025	949	18.08		
850	15.71	-1.872	900	16.84	-1.398	950	18.11		

Table IV D-52. Digitized Accelerations of Earthquake Record with Index Number 351

INDEX NO. 351	602-GR-1	YOKOYAMA DAM	E-W	MAX. ACCEL. = -12.237 (GAL)	T = 0.08 (SEC)	NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-0.665	51 0.77	1.004	101 1.60	0.354	151 2.34	-2.399
2 0.01	-2.165	52 0.78	0.005	102 1.61	0.305	152 2.36	-0.273
3 0.04	-3.788	53 0.80	-1.491	103 1.62	7.056	153 2.37	1.351
4 0.05	-4.412	54 0.82	-3.741	104 1.63	2.056	154 2.38	2.227
5 0.06	-4.412	55 0.83	-5.615	105 1.65	-3.941	155 2.41	0.728
6 0.07	-4.161	56 0.85	-9.490	106 1.66	-6.815	156 2.42	-0.144
7 0.08	-3.160	57 0.86	-10.988	107 1.67	-8.064	157 2.44	-0.143
8 0.10	-1.034	58 0.88	-12.237	108 1.69	-6.013	158 2.45	1.356
9 0.12	-1.465	59 0.90	-11.985	109 1.71	-6.563	159 2.46	2.056
10 0.13	3.091	60 0.92	-10.110	110 1.73	-5.936	160 2.48	4.402
11 0.15	4.592	61 0.93	-9.234	111 1.74	-5.935	161 2.49	4.733
12 0.16	5.217	62 0.94	-8.233	112 1.75	-3.434	162 2.51	3.860
13 0.17	5.210	63 0.95	-6.358	113 1.76	1.315	163 2.52	2.360
14 0.18	4.719	64 0.96	-3.607	114 1.77	2.815	164 2.54	-0.512
15 0.19	2.845	65 0.97	-0.606	115 1.80	1.066	165 2.56	-2.011
16 0.21	-2.527	66 0.99	0.893	116 1.81	0.067	166 2.57	-2.635
17 0.23	-5.276	67 1.00	2.519	117 1.82	-0.805	167 2.59	-2.634
18 0.25	-6.525	68 1.02	3.769	118 1.84	-1.004	168 2.61	-2.383
19 0.26	-6.525	69 1.04	4.395	119 1.86	-2.678	169 2.62	-2.632
20 0.28	-6.523	70 1.05	4.396	120 1.88	-4.927	170 2.64	-3.006
21 0.29	-6.523	71 1.06	4.398	121 1.89	-7.051	171 2.66	-3.005
22 0.31	-6.271	72 1.08	1.648	122 1.90	-8.425	172 2.68	-1.128
23 0.33	-5.645	73 1.09	0.024	123 1.92	-7.924	173 2.70	-0.502
24 0.34	-3.770	74 1.11	-2.473	124 1.94	-6.673	174 2.71	0.748
25 0.36	-0.644	75 1.12	-3.096	125 1.96	-2.297	175 2.73	1.623
26 0.37	0.855	76 1.13	-4.346	126 1.98	4.078	176 2.76	2.624
27 0.39	2.106	77 1.15	-5.221	127 1.99	5.328	177 2.77	2.625
28 0.40	2.732	78 1.16	-6.470	128 2.00	6.329	178 2.78	1.126
29 0.41	3.983	79 1.17	-7.469	129 2.02	7.330	179 2.81	-1.371
30 0.44	3.984	80 1.19	-3.468	130 2.04	7.706	180 2.82	-2.995
31 0.45	3.735	81 1.21	0.656	131 2.05	7.957	181 2.84	-5.493
32 0.46	3.736	82 1.22	4.032	132 2.06	7.457	182 2.86	-6.118
33 0.48	3.487	83 1.24	5.908	133 2.08	5.833	183 2.88	-5.491
34 0.49	3.488	84 1.25	7.204	134 2.10	3.335	184 2.89	-5.240
35 0.51	3.739	85 1.27	7.910	135 2.12	1.461	185 2.92	-4.614
36 0.52	4.615	86 1.28	7.036	136 2.13	-0.556	186 2.96	-4.612
37 0.54	5.240	87 1.32	4.788	137 2.14	-2.036	187 2.97	-4.236
38 0.55	5.866	88 1.34	3.664	138 2.16	-3.285	188 2.98	-3.360
39 0.57	2.867	89 1.37	2.416	139 2.18	-4.284	189 3.00	-9.859
40 0.58	0.993	90 1.39	0.792	140 2.20	-3.657	190 3.02	0.140
41 0.59	-0.879	91 1.41	-1.455	141 2.22	-2.156	191 3.04	1.016
42 0.61	0.870	92 1.43	-2.079	142 2.23	0.343	192 3.07	2.010
43 0.63	1.871	93 1.45	-0.953	143 2.24	3.468	193 3.09	2.019
44 0.65	2.747	94 1.47	1.296	144 2.25	5.094	194 3.11	1.395
45 0.66	3.373	95 1.49	3.423	145 2.26	5.970	195 3.12	1.646
46 0.67	3.748	96 1.51	5.209	146 2.28	5.971	196 3.14	2.273
47 0.70	3.750	97 1.53	6.300	147 2.29	5.721	197 3.16	2.899
48 0.71	3.751	98 1.54	7.301	148 2.30	3.867	198 3.18	2.400
49 0.73	3.127	99 1.56	7.927	149 2.32	0.723	199 3.21	1.152
50 0.75	1.878	100 1.58	7.928	150 2.33	-2.024	200 3.22	-0.471

INDEX NO.	351	602-GR-1	YOKOYAMA DAM	E-W	MAX. ACCEL. = -12.237 (GAL)	T = 0.081 (SEC)	NO. 2	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	3.24	-3.219	251	4.17	1.835	301	5.44	2.164
202	3.26	-4.468	252	4.19	2.963	302	5.46	1.915
203	3.27	-3.968	253	4.21	1.030	303	5.48	1.916
204	3.28	-1.487	254	4.23	1.214	304	5.50	0.687
205	3.30	-0.216	255	4.25	1.466	305	5.53	1.204
206	3.31	2.033	256	4.28	2.092	306	5.55	-1.327
207	3.33	3.534	257	4.29	1.468	307	5.59	-1.575
208	3.35	4.160	258	4.30	0.594	308	5.61	-0.949
209	3.36	5.161	259	4.32	2.095	309	5.64	-0.322
210	3.38	5.787	260	4.34	4.596	310	5.67	-0.320
211	3.41	4.539	261	4.39	6.099	311	5.69	0.304
212	3.43	2.415	262	4.42	6.101	312	5.71	1.180
213	3.45	0.542	263	4.45	5.603	313	5.72	2.431
214	3.47	-0.705	264	4.48	4.605	314	5.74	3.432
215	3.48	-1.705	265	4.53	3.358	315	5.77	3.434
216	3.49	-1.704	266	4.55	2.484	316	5.79	3.186
217	3.51	-0.828	267	4.58	2.111	317	5.83	2.108
218	3.54	-1.076	268	4.60	1.487	318	5.86	0.939
219	3.55	-1.325	269	4.63	0.864	319	5.89	-1.557
220	3.58	-2.949	270	4.65	0.240	320	5.90	-1.931
221	3.60	-2.947	271	4.68	-0.006	321	5.94	-1.304
222	3.61	-2.321	272	4.71	-0.004	322	5.96	-0.927
223	3.63	-0.821	273	4.74	0.671	323	5.99	-0.675
224	3.64	1.678	274	4.77	0.873	324	6.01	0.324
225	3.65	2.929	275	4.79	0.000	325	6.04	0.325
226	3.68	3.395	276	4.82	-1.248	326	6.07	-0.295
227	3.70	1.807	277	4.85	-2.870	327	6.09	-0.294
228	3.72	0.808	278	4.87	-2.869	328	6.11	-0.043
229	3.74	-0.064	279	4.89	-3.743	329	6.13	1.206
230	3.75	-1.313	280	4.93	-4.366	330	6.15	2.208
231	3.77	-2.313	281	4.94	-3.240	331	6.17	3.459
232	3.80	-3.610	282	4.97	-1.988	332	6.18	4.709
233	3.82	-7.934	283	4.99	-0.362	333	6.20	4.960
234	3.84	-8.933	284	5.02	0.263	334	6.22	5.962
235	3.87	-8.931	285	5.04	1.514	335	6.24	6.589
236	3.90	-7.054	286	5.06	2.140	336	6.26	5.964
237	3.91	-4.928	287	5.09	2.767	337	6.28	3.840
238	3.92	-3.428	288	5.13	2.769	338	6.30	1.592
239	3.94	-2.177	289	5.15	2.771	339	6.32	2.218
240	3.97	-1.890	290	5.18	2.523	340	6.34	3.094
241	3.99	-1.173	291	5.21	0.899	341	6.36	1.970
242	4.01	-0.172	292	5.24	-0.347	342	6.38	1.347
243	4.03	0.202	293	5.26	-0.345	343	6.40	1.598
244	4.04	0.203	294	5.29	-0.093	344	6.42	1.149
245	4.07	0.454	295	5.33	1.782	345	6.45	0.976
246	4.08	0.830	296	5.36	2.784	346	6.48	0.103
247	4.10	1.706	297	5.38	4.035	347	6.51	-0.894
248	4.11	2.332	298	5.40	4.286	348	6.53	-1.517
249	4.13	2.333	299	5.41	4.037	349	6.55	-1.766
250	4.16	1.835	300	5.43	3.413	350	6.58	-2.389
361	6.82	-1.250	362	6.85	-0.248	363	6.87	0.002
364	6.89	0.377	365	6.91	1.004	366	6.93	0.755
367	6.95	-0.242	368	6.96	-1.116	369	6.99	-1.115
370	7.02	-0.238	371	7.04	0.012	372	7.05	1.888
373	7.07	3.514	374	7.10	4.140	375	7.12	4.141
376	7.17	2.644	377	7.19	2.021	378	7.21	1.022
379	7.25	0.150	380	7.28	-0.472	381	7.32	-1.095
382	7.34	-0.593	383	7.37	0.032	384	7.38	-0.215
385	7.40	-0.639	386	7.43	-1.463	387	7.45	-1.711
388	7.48	-2.085	389	7.50	-2.938	390	7.51	-2.457
391	7.53	-0.832	392	7.55	0.044	393	7.56	0.420
394	7.58	0.421	395	7.60	0.420	396	7.62	-0.876
397	7.63	-1.450	398	7.67	-2.948	399	7.70	-3.571
400	7.71	-3.570						

INDEX NO.	351	602-GR-1	YOKOYAMA DAM	E-W	MAX.ACCEL.=	-12.237(GAL)	T= 0.00(SEC)	NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	7.74	-3.319	451	9.52	-1.117	501	10.49	0.596
402	7.76	-2.442	452	9.05	-1.115	502	10.52	0.347
403	7.79	-0.816	453	9.08	-1.163	503	10.55	-0.274
404	7.80	0.058	454	9.10	-1.012	504	10.58	-1.272
405	7.82	1.060	455	9.13	-1.610	505	10.60	-1.876
406	7.85	1.061	456	9.17	-1.107	506	10.62	-1.269
407	7.89	-0.184	457	9.19	-0.481	507	10.66	-0.642
408	7.91	-1.058	458	9.22	-0.729	508	10.68	-0.391
409	7.94	-1.081	459	9.23	-0.479	509	10.72	-0.389
410	7.97	-1.430	460	9.26	0.771	510	10.76	-0.011
411	7.99	-0.178	461	9.28	1.398	511	10.77	-0.010
412	8.01	1.321	462	9.30	1.399	512	10.80	0.239
413	8.04	1.948	463	9.33	0.525	513	10.82	-0.007
414	8.06	1.949	464	9.35	-0.722	514	10.85	0.242
415	8.09	1.076	465	9.37	-1.970	515	10.88	0.069
416	8.11	-0.171	466	9.40	-2.594	516	10.91	1.246
417	8.13	-1.420	467	9.42	-2.342	517	10.95	1.073
418	8.15	-2.293	468	9.45	-1.966	518	10.97	1.075
419	8.19	-2.291	469	9.47	1.159	519	11.01	0.627
420	8.21	-1.790	470	9.50	0.911	520	11.04	-0.069
421	8.23	-0.539	471	9.55	0.914	521	11.07	-1.492
422	8.25	0.086	472	9.58	-0.082	522	11.10	-1.490
423	8.30	0.088	473	9.61	0.167	523	11.13	-1.063
424	8.33	0.090	474	9.64	1.419	524	11.16	-0.012
425	8.38	0.093	475	9.66	1.795	525	11.20	-0.984
426	8.40	-0.153	476	9.70	1.172	526	11.22	-0.983
427	8.43	-1.027	477	9.73	0.299	527	11.24	-0.982
428	8.47	-2.024	478	9.75	-0.072	528	11.26	-1.230
429	8.49	-2.023	479	9.77	-0.697	529	11.29	-1.479
430	8.53	-0.771	480	9.81	-2.569	530	11.32	-1.052
431	8.55	0.478	481	9.84	-3.192	531	11.34	-1.051
432	8.57	1.730	482	9.86	-2.941	532	11.36	-0.600
433	8.60	2.606	483	9.90	-1.939	533	11.39	-0.598
434	8.62	3.233	484	9.91	-0.438	534	11.42	-0.346
435	8.64	2.734	485	9.95	0.186	535	11.45	-0.364
436	8.67	0.861	486	9.99	0.565	536	11.48	-0.592
437	8.69	-1.386	487	10.03	0.617	537	11.53	-0.839
438	8.72	-2.884	488	10.06	0.819	538	11.57	0.036
439	8.75	-2.882	489	10.09	0.321	539	11.60	0.663
440	8.77	-2.006	490	10.12	-0.050	540	11.63	0.715
441	8.79	-0.130	491	10.14	-0.049	541	11.66	0.417
442	8.80	0.494	492	10.18	0.827	542	11.71	0.420
443	8.82	1.745	493	10.19	1.292	543	11.75	-0.201
444	8.84	1.746	494	10.24	1.205	544	11.80	-1.448
445	8.87	1.498	495	10.28	1.207	545	11.82	-1.447
446	8.90	1.124	496	10.33	1.461	546	11.86	-0.944
447	8.92	0.251	497	10.36	1.462	547	11.90	0.056
448	8.94	-0.371	498	10.40	1.465	548	11.93	0.308
449	8.95	-1.620	499	10.43	0.967	549	11.96	0.685
450	8.98	-1.119	500	10.47	0.594	550	11.99	0.686

Table IV D-53. Digitized Accelerations of Earthquake Record with Index Number 352

INDEX NO.	352	602-GR-1	YOKOYAMA DAM	U-D	MAX.ACCEL.=	-0.167(GAL)	T= 2.83(SEC)	NO. 1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	-3.459	51	0.95	-4.611	101	1.86	-5.142
2	0.03	-3.832	52	0.97	-2.734	102	1.87	-4.265
3	0.04	-2.830	53	0.98	-1.016	103	1.89	-2.388
4	0.07	0.546	54	1.01	-2.268	104	1.91	2.986
5	0.09	1.540	55	1.02	0.771	105	1.92	4.612
6	0.11	2.425	56	1.03	-0.477	106	1.94	5.615
7	0.13	2.427	57	1.05	-2.350	107	1.96	5.367
8	0.14	2.178	58	1.06	-4.849	108	1.99	4.370
9	0.17	1.306	59	1.07	-8.473	109	2.01	3.122
10	0.18	0.058	60	1.09	-0.472	110	2.03	0.624
11	0.20	-0.564	61	1.11	-5.844	111	2.05	-1.872
12	0.21	0.561	62	1.13	-5.217	112	2.07	-5.120
13	0.23	1.813	63	1.14	-3.716	113	2.10	-5.367
14	0.24	1.814	64	1.15	-0.590	114	2.13	-4.489
15	0.26	1.316	65	1.16	5.785	115	2.16	-2.611
16	0.28	0.692	66	1.19	5.787	116	2.18	-0.109
17	0.29	-0.304	67	1.20	5.538	117	2.20	2.016
18	0.30	-0.553	68	1.23	3.416	118	2.24	1.770
19	0.32	-0.926	69	1.26	1.544	119	2.27	0.274
20	0.33	-0.925	70	1.28	0.547	120	2.29	-0.097
21	0.36	-1.798	71	1.30	0.549	121	2.31	1.153
22	0.37	-2.795	72	1.33	0.551	122	2.34	3.201
23	0.39	-3.044	73	1.34	0.553	123	2.36	3.658
24	0.40	-3.418	74	1.35	0.554	124	2.39	3.036
25	0.41	-2.542	75	1.38	0.807	125	2.43	1.540
26	0.43	-1.290	76	1.40	1.809	126	2.45	1.792
27	0.45	-0.038	77	1.42	2.436	127	2.48	0.920
28	0.46	-0.286	78	1.44	2.688	128	2.50	-1.576
29	0.49	-1.159	79	1.46	1.190	129	2.52	-3.448
30	0.50	-1.782	80	1.49	-0.680	130	2.54	-3.197
31	0.52	-1.781	81	1.50	0.569	131	2.59	0.556
32	0.53	-1.530	82	1.52	0.822	132	2.61	1.184
33	0.55	-1.277	83	1.53	1.447	133	2.63	0.936
34	0.57	-0.025	84	1.55	1.825	134	2.67	-1.308
35	0.59	1.600	85	1.57	1.576	135	2.70	-1.055
36	0.60	2.851	86	1.59	0.328	136	2.71	0.194
37	0.62	3.478	87	1.61	-2.542	137	2.74	2.072
38	0.64	3.730	88	1.64	-2.540	138	2.75	2.825
39	0.66	3.732	89	1.65	0.836	139	2.76	2.200
40	0.68	3.234	90	1.68	1.213	140	2.78	-0.672
41	0.71	3.737	91	1.70	-0.283	141	2.79	-4.045
42	0.75	3.491	92	1.72	-1.282	142	2.81	-8.919
43	0.77	2.243	93	1.73	-1.280	143	2.83	-8.167
44	0.79	0.996	94	1.75	-1.028	144	2.84	-8.916
45	0.82	0.748	95	1.77	-1.026	145	2.86	-4.163
46	0.84	0.375	96	1.78	-1.275	146	2.88	-0.411
47	0.86	-0.245	97	1.80	-1.523	147	2.90	1.214
48	0.88	-1.493	98	1.82	-2.771	148	2.91	1.215
49	0.90	-3.166	99	1.83	-4.165	149	2.93	0.592
50	0.92	-5.063	100	1.84	-5.144	150	2.94	-0.032
161	3.15	2.240	162	3.17	-1.506	163	3.18	-3.130
164	3.19	-3.754	165	3.21	-2.502	166	3.23	-0.000
167	3.24	1.075	168	3.26	3.126	169	3.27	3.752
170	3.29	2.504	171	3.32	1.632	172	3.33	0.634
173	3.35	0.011	174	3.37	-0.610	175	3.39	-1.482
176	3.40	-1.856	177	3.42	-2.480	178	3.45	-3.351
179	3.47	-2.474	180	3.49	-1.222	181	3.51	0.278
182	3.53	-0.593	183	3.56	-1.445	184	3.59	-2.462
185	3.61	-1.834	186	3.63	-0.583	187	3.65	0.292
188	3.67	1.295	189	3.69	1.921	190	3.71	1.209
191	3.73	-0.572	192	3.76	-0.820	193	3.79	-1.191
194	3.82	-1.108	195	3.84	-0.936	196	3.86	-0.934
197	3.89	0.942	198	3.92	2.820	199	3.95	3.023
200	3.99	2.452						

INDEX NO.	352	602-GR-1	YOKOYAMA DAM	U-D	MAX.ACCEL.±	-0.167(GAL)	T= 2.83(SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)
201 4.01	4.455	251 5.39	-2.047	301 6.73	0.992	351 8.29	-0.969	
202 4.05	3.835	252 5.42	-2.270	302 6.76	0.119	352 8.31	-0.967	
203 4.07	3.212	253 5.45	-1.016	303 6.79	0.373	353 8.35	-2.588	
204 4.10	3.214	254 5.48	0.485	304 6.84	1.002	354 8.38	-3.210	
205 4.12	3.842	255 5.50	0.861	305 6.86	1.255	355 8.39	-3.208	
206 4.14	4.469	256 5.53	0.858	306 6.89	1.633	356 8.44	-1.953	
207 4.15	2.596	257 5.56	0.888	307 6.92	2.261	357 8.48	-1.074	
208 4.19	-0.149	258 5.59	0.625	308 6.95	3.139	358 8.51	0.176	
209 4.20	-1.773	259 5.62	0.874	309 6.98	4.143	359 8.52	0.553	
210 4.21	-2.647	260 5.64	1.502	310 7.03	4.148	360 8.55	0.556	
211 4.24	-1.769	261 5.66	3.004	311 7.08	3.278	361 8.58	-0.690	
212 4.25	-1.142	262 5.68	4.256	312 7.10	3.280	362 8.59	-0.938	
213 4.29	-1.308	263 5.69	7.258	313 7.13	2.283	363 8.62	-0.935	
214 4.30	-1.762	264 5.71	7.309	314 7.16	2.036	364 8.64	-0.433	
215 4.33	-1.509	265 5.73	6.307	315 7.21	2.042	365 8.67	0.568	
216 4.36	-1.506	266 5.78	2.891	316 7.25	2.296	366 8.70	0.822	
217 4.40	-1.752	267 5.80	1.394	317 7.28	3.174	367 8.73	1.200	
218 4.42	-2.999	268 5.83	0.397	318 7.31	3.552	368 8.77	1.203	
219 4.47	-2.369	269 5.87	0.151	319 7.34	3.005	369 8.81	-0.041	
220 4.52	-2.739	270 5.90	-0.218	320 7.36	3.557	370 8.84	-0.913	
221 4.55	-2.361	271 5.93	-0.841	321 7.39	3.560	371 8.85	-0.661	
222 4.60	-2.356	272 5.96	-1.462	322 7.41	3.313	372 8.89	-0.407	
223 4.62	-2.103	273 6.00	-2.333	323 7.45	2.691	373 8.92	-0.404	
224 4.65	-0.476	274 6.03	-3.080	324 7.46	2.310	374 8.95	-0.026	
225 4.67	1.025	275 6.05	-3.453	325 7.47	2.319	375 8.97	0.224	
226 4.70	2.653	276 6.07	-3.451	326 7.52	3.574	376 9.00	-0.271	
227 4.73	2.655	277 6.10	-2.823	327 7.55	2.952	377 9.03	-0.268	
228 4.75	2.408	278 6.12	-2.571	328 7.58	2.330	378 9.07	-0.264	
229 4.77	2.036	279 6.13	-2.569	329 7.62	1.709	379 9.11	-0.010	
230 4.81	1.164	280 6.15	-2.567	330 7.65	1.712	380 9.15	0.618	
231 4.84	1.043	281 6.17	-3.064	331 7.68	1.466	381 9.18	0.621	
232 4.86	-0.078	282 6.22	-2.185	332 7.71	1.094	382 9.22	0.625	
233 4.89	-2.950	283 6.23	-1.309	333 7.75	1.973	383 9.24	0.627	
234 4.91	-2.698	284 6.27	-0.930	334 7.78	3.226	384 9.26	0.629	
235 4.94	-0.445	285 6.30	-1.002	335 7.81	3.054	385 9.30	0.008	
236 4.96	0.430	286 6.33	-1.299	336 7.83	4.231	386 9.32	0.260	
237 4.98	1.057	287 6.36	-0.295	337 7.86	3.609	387 9.34	0.637	
238 5.01	0.810	288 6.38	0.330	338 7.88	3.362	388 9.36	0.389	
239 5.05	1.439	289 6.41	1.583	339 7.91	2.114	389 9.40	-0.855	
240 5.08	1.693	290 6.43	1.335	340 7.94	1.118	390 9.43	-1.477	
241 5.12	-0.052	291 6.46	1.338	341 7.97	1.371	391 9.46	-1.849	
242 5.16	-2.297	292 6.50	0.092	342 8.00	1.999	392 9.50	-2.095	
243 5.19	-3.169	293 6.52	-0.904	343 8.03	1.502	393 9.53	-1.592	
244 5.22	-2.666	294 6.55	-1.526	344 8.05	0.880	394 9.55	-0.339	
245 5.24	-2.038	295 6.58	-1.523	345 8.09	0.258	395 9.57	0.035	
246 5.27	-1.410	296 6.61	-1.770	346 8.12	0.762	396 9.59	-0.210	
247 5.28	-1.034	297 6.64	-0.892	347 8.16	0.766	397 9.62	-1.207	
248 5.32	-2.280	298 6.67	-0.013	348 8.20	0.269	398 9.66	-3.703	
249 5.34	-3.153	299 6.70	0.613	349 8.23	-0.351	399 9.70	-3.448	
250 5.37	-2.900	300 6.72	0.990	350 8.25	-0.725	400 9.74	-1.820	

INDEX NO.	352	602-GR-1	YUKOYAMA DAM	U-D	MAX. ACCEL. ±	-0.167 (GAL)	T = 2.83 (SEC)	NO. 3																																																																																																																																													
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)																																																																																																																																													
401 9.77	-0.317	451 11.22	-1.290	402 9.79	0.309	452 11.24	-1.288	403 9.82	0.061	453 11.26	-1.036	404 9.85	-0.558	454 11.31	-0.156	405 9.88	-0.805	455 11.34	0.220	406 9.91	-1.427	456 11.38	0.850	407 9.93	-1.800	457 11.40	0.851	408 9.96	-1.547	458 11.42	0.854	409 9.99	0.079	459 11.45	0.231	410 10.02	0.707	460 11.47	-0.015	411 10.04	0.085	461 11.51	-0.385	412 10.07	0.337	462 11.55	-0.381	413 10.10	0.716	463 11.58	0.495	414 10.13	0.469	464 11.62	1.499	415 10.17	-0.525	465 11.66	2.128	416 10.19	-0.772	466 11.70	1.258	417 10.22	-1.145	467 11.73	0.011	418 10.26	-1.766	468 11.77	-0.984	419 10.30	-1.137	469 11.79	-1.606	420 10.33	0.365	470 11.83	-1.602	421 10.35	0.367	471 11.85	-1.600	422 10.38	0.119	472 11.89	-1.346	423 10.40	-0.501	473 11.91	-0.968	424 10.44	-0.748	474 11.94	-0.716	425 10.46	-0.670	475 11.97	-0.338	426 10.49	0.132	427 10.51	0.135	428 10.55	-0.110	429 10.60	-1.106	430 10.63	-1.102	431 10.66	-0.848	432 10.69	-0.846	433 10.72	-1.093	434 10.74	-0.840	435 10.78	-0.836	436 10.80	-0.834	437 10.83	-1.081	438 10.87	-1.077	439 10.91	-1.073	440 10.93	-1.321	441 10.95	-1.944	442 10.98	-1.940	443 11.02	-1.688	444 11.03	-1.685	445 11.05	-1.433	446 11.06	-1.057	447 11.09	-1.054	448 11.11	-1.051	449 11.16	-0.797	450 11.18	-0.794

Table IV D-54. Digitized Accelerations of Earthquake Record with Index Number 353

INDEX NO. 353	602-GR-1	YOKOYAMA DAM	N-S	MAX. ACCEL. =	14.270(GAL)	T = 0.06(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.00	1.306	51 0.01	4.139	101 1.75	0.236	151 2.63	1.327
2 0.02	3.184	52 0.02	7.016	102 1.77	1.113	152 2.66	0.704
3 0.04	-0.563	53 0.03	9.642	103 1.79	2.115	153 2.68	1.831
4 0.05	-2.061	54 0.04	13.019	104 1.80	2.367	154 2.69	4.958
5 0.07	-3.060	55 0.06	14.270	105 1.81	-0.629	155 2.71	0.084
6 0.08	-3.308	56 0.08	11.097	106 1.84	-3.127	156 2.73	10.086
7 0.10	-3.681	57 0.91	8.400	107 1.86	-2.251	157 2.74	11.089
8 0.12	-3.930	58 0.93	7.527	108 1.87	-1.625	158 2.76	8.965
9 0.14	-4.553	59 0.95	5.655	109 1.89	-0.748	159 2.78	5.216
10 0.15	-4.551	60 0.97	2.782	110 1.90	1.752	160 2.79	-2.405
11 0.18	-2.798	61 0.99	0.159	111 1.91	3.378	161 2.81	-4.028
12 0.20	-1.546	62 1.03	-3.211	112 1.93	4.880	162 2.84	-2.525
13 0.21	0.070	63 1.05	-4.834	113 1.96	4.008	163 2.86	-0.273
14 0.22	0.954	64 1.06	-4.583	114 1.99	1.511	164 2.88	1.602
15 0.24	2.580	65 1.07	-1.706	115 2.00	0.087	165 2.89	3.479
16 0.25	3.832	66 1.08	1.418	116 2.02	1.139	166 2.93	0.982
17 0.26	4.708	67 1.09	3.544	117 2.04	2.766	167 2.95	-1.513
18 0.28	5.085	68 1.10	9.295	118 2.06	4.018	168 2.99	-4.010
19 0.29	5.087	69 1.13	10.298	119 2.08	2.520	169 3.01	-4.007
20 0.31	5.714	70 1.16	8.425	120 2.10	0.897	170 3.03	-3.130
21 0.33	5.715	71 1.18	4.678	121 2.13	1.525	171 3.04	-1.504
22 0.34	4.842	72 1.19	2.179	122 2.15	1.777	172 3.06	1.245
23 0.36	1.093	73 1.21	-1.942	123 2.17	0.904	173 3.07	4.122
24 0.37	-5.528	74 1.23	-6.815	124 2.18	-3.092	174 3.09	7.749
25 0.38	-8.777	75 1.25	-9.938	125 2.20	-4.091	175 3.11	3.876
26 0.40	-11.275	76 1.27	-10.186	126 2.23	-6.713	176 3.14	-0.869
27 0.43	-10.398	77 1.29	-8.434	127 2.24	-9.211	177 3.16	-2.387
28 0.44	-8.523	78 1.31	-9.307	128 2.26	-10.460	178 3.17	-4.241
29 0.46	-6.019	79 1.33	-10.556	129 2.27	-9.836	179 3.18	-4.885
30 0.48	-5.642	80 1.35	-8.053	130 2.29	-4.831	180 3.19	-3.738
31 0.49	-5.891	81 1.36	-6.177	131 2.30	2.169	181 3.21	-0.237
32 0.50	-5.015	82 1.37	-3.425	132 2.32	2.170	182 3.23	1.638
33 0.52	-3.763	83 1.39	-0.924	133 2.34	-1.855	183 3.25	3.765
34 0.53	-2.262	84 1.41	0.951	134 2.36	-2.824	184 3.26	2.017
35 0.54	-1.261	85 1.43	0.953	135 2.38	3.051	185 3.28	-1.105
36 0.55	-0.010	86 1.45	0.705	136 2.40	4.920	186 3.29	-2.978
37 0.56	1.354	87 1.48	2.083	137 2.42	7.181	187 3.31	-3.601
38 0.58	0.741	88 1.49	2.710	138 2.43	7.806	188 3.32	-3.100
39 0.60	-0.505	89 1.52	2.732	139 2.44	2.307	189 3.33	-1.224
40 0.62	-2.003	90 1.53	1.214	140 2.45	2.558	190 3.34	1.901
41 0.64	-4.251	91 1.55	-1.282	141 2.46	0.684	191 3.36	4.777
42 0.66	-6.124	92 1.57	-3.530	142 2.47	-4.313	192 3.37	5.653
43 0.67	-6.872	93 1.59	-4.400	143 2.49	-7.560	193 3.39	7.281
44 0.68	-6.871	94 1.60	-3.527	144 2.52	-9.808	194 3.41	7.033
45 0.70	-4.995	95 1.62	-2.723	145 2.53	-9.182	195 3.43	6.035
46 0.71	-2.868	96 1.64	3.600	146 2.54	-6.431	196 3.45	4.162
47 0.74	-2.241	97 1.66	4.602	147 2.55	-2.930	197 3.47	1.413
48 0.76	-1.864	98 1.68	4.854	148 2.58	3.446	198 3.48	-0.208
49 0.78	-0.812	99 1.71	3.107	149 2.59	4.698	199 3.50	-0.205
50 0.80	2.013	100 1.74	1.235	150 2.62	3.200	200 3.53	-0.453
201 3.55	-2.076	251 4.70	1.417	301 5.83	1.911	351 7.00	-0.466
202 3.58	-3.573	252 4.74	-0.952	302 5.86	1.913	352 7.02	-0.714
203 3.61	-4.195	253 4.76	-0.449	303 5.89	2.166	353 7.06	-0.211
204 3.64	-3.317	254 4.77	0.175	304 5.91	2.168	354 7.07	-0.459
205 3.65	-1.441	255 4.79	1.801	305 5.92	1.670	355 7.10	-1.706
206 3.66	2.300	256 4.80	2.428	306 5.94	0.671	356 7.14	-2.952
207 3.68	3.561	257 4.83	2.430	307 5.96	-0.200	357 7.15	-3.201
208 3.71	2.314	258 4.86	2.683	308 6.00	-0.573	358 7.17	-1.449
209 3.74	2.941	259 4.87	2.685	309 6.00	0.053	359 7.20	-0.821
210 3.77	3.819	260 4.90	1.188	310 6.02	0.055	360 7.22	0.179
211 3.79	2.946	261 4.91	0.584	311 6.05	-1.815	361 7.24	0.432
212 3.81	1.073	262 4.92	0.815	312 6.08	-2.439	362 7.27	0.185
213 3.82	-0.423	263 4.93	1.816	313 6.10	-3.060	363 7.29	-1.081
214 3.85	0.076	264 4.95	2.693	314 6.12	-3.057	364 7.33	0.440
215 3.87	0.705	265 4.97	2.446	315 6.16	-3.304	365 7.34	1.692
216 3.89	1.332	266 4.99	1.197	316 6.18	-3.676	366 7.36	2.944
217 3.91	2.334	267 5.01	-0.049	317 6.22	-2.798	367 7.38	2.071
218 3.94	3.587	268 5.03	-0.296	318 6.24	-1.545	368 7.39	2.323
219 3.96	0.840	269 5.05	-0.044	319 6.26	-2.043	369 7.41	2.700
220 3.99	-0.780	270 5.10	1.208	320 6.28	-2.666	370 7.43	0.826
221 4.01	-0.528	271 5.12	1.211	321 6.32	-3.287	371 7.44	-1.045
222 4.04	0.998	272 5.15	1.464	322 6.34	-3.034	372 7.47	-0.418
223 4.07	1.226	273 5.17	-0.657	323 6.36	-3.033	373 7.50	-0.165
224 4.09	5.103	274 5.20	-3.405	324 6.38	-3.030	374 7.51	-0.413
225 4.11	6.106	275 5.21	-3.528	325 6.40	-1.528	375 7.53	-1.286
226 4.14	4.858	276 5.25	-2.524	326 6.41	-1.527	376 7.54	-2.285
227 4.17	1.736	277 5.27	-2.272	327 6.44	-3.025	377 7.56	-1.658
228 4.18	0.236	278 5.30	-2.768	328 6.47	-2.397	378 7.57	-0.782
229 4.20	-1.009	279 5.34	-3.139	329 6.48	-1.520	379 7.59	0.219
230 4.22	-1.382	280 5.37	-2.511	330 6.50	0.355	380 7.62	0.221
231 4.24	-0.754	281 5.39	-1.634	331 6.52	3.232	381 7.64	0.848
232 4.26	-1.627	282 5.41	-0.381	332 6.54	2.984	382 7.65	2.100
233 4.28	-1.625	283 5.44	-0.379	333 6.57	1.737	383 7.66	2.976
234 4.31	-0.467	284 5.46	-1.502	334 6.60	1.115	384 7.69	1.853
235 4.34	1.379	285 5.48	-1.500	335 6.62	0.492	385 7.70	0.229
236 4.35	2.380	286 5.51	-0.423	336 6.65	-0.128	386 7.72	-1.642
237 4.38	2.383	287 5.52	0.253	337 6.69	0.375	387 7.74	-1.639
238 4.40	1.510	288 5.53	1.254	338 6.71	1.376	388 7.77	-1.887
239 4.43	1.764	289 5.57	1.882	339 6.73	0.504	389 7.80	-3.154
240 4.46	0.516	290 5.60	1.636	340 6.75	-0.117	390 7.81	-1.382
241 4.47	-0.730	291 5.63	1.514	341 6.76	-0.491	391 7.84	3.369
242 4.48	-1.604	292 5.64	1.890	342 6.79	-0.489	392 7.87	4.872
243 4.51	-2.226	293 5.68	0.644	343 6.81	0.387	393 7.91	1.751
244 4.54	-1.343	294 5.70	0.022	344 6.83	1.389	394 7.94	0.879
245 4.57	-1.095	295 5.73	-0.223	345 6.85	1.141	395 7.95	0.008
246 4.59	-1.593	296 5.75	-0.846	346 6.88	2.019	396 7.98	-0.615
247 4.62	-1.083	297 5.77	-1.844	347 6.90	3.271	397 8.01	-0.361
248 4.64	-0.463	298 5.79	-1.217	348 6.92	3.023	398 8.03	0.264
249 4.66	0.163	299 5.80	0.032	349 6.94	2.400	399 8.06	-0.682
250 4.69	1.166	300 5.81	0.910	350 6.98	0.154	400 8.07	-0.980

INDEX NO.	353	602-GR-1	YOKOYAMA DAM	A-5	MAX.ACCEL.*	14.270(GAL)	T = 0.061(SEC)	NO.	353	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	
401	0.09	0.270	451	0.20	1.892	501	10.49	-1.107	551	11.06
402	0.11	2.397	452	0.31	1.895	502	10.50	-0.100	552	11.90
403	0.14	3.025	453	0.34	1.097	503	10.51	0.510	553	11.91
404	0.16	2.277	454	0.36	1.400	504	10.54	0.511	554	11.96
405	0.19	0.005	455	0.35	0.152	505	10.56	0.273		
406	0.20	-0.967	456	0.39	-0.470	506	10.59	0.526		
407	0.22	-2.840	457	0.43	0.032	507	10.62	1.155		
408	0.25	-3.211	458	0.45	0.410	508	10.65	1.159		
409	0.27	-1.959	459	0.48	0.662	509	10.67	0.285		
410	0.29	-1.332	460	0.50	1.289	510	10.70	-0.336		
411	0.32	-1.330	461	0.53	2.917	511	10.72	-0.458		
412	0.35	-2.202	462	0.55	3.544	512	10.76	0.109		
413	0.37	-1.949	463	0.58	2.297	513	10.78	0.546		
414	0.38	-0.940	464	0.61	0.425	514	10.81	0.549		
415	0.39	0.026	465	0.64	0.178	515	10.85	-10.085		
416	0.41	2.420	466	0.67	1.056	516	10.87	-1.943		
417	0.43	3.680	467	0.69	1.934	517	10.90	-1.689		
418	0.45	4.932	468	0.72	2.311	518	10.92	-1.313		
419	0.47	4.057	469	0.75	1.439	519	10.94	-0.686		
420	0.49	2.811	470	0.76	0.016	520	10.97	-1.557		
421	0.51	0.930	471	0.79	1.089	521	11.01	-2.179		
422	0.53	-1.550	472	0.81	1.071	522	11.04	-1.675		
423	0.55	-3.431	473	0.84	0.449	523	11.08	-1.296		
424	0.56	-4.395	474	0.86	-0.172	524	11.11	-2.543		
425	0.58	-3.403	475	0.88	-0.621	525	11.13	-2.540		
426	0.61	-1.925	476	0.89	-1.044	526	11.17	-1.132		
427	0.63	-0.298	477	0.92	-1.066	527	11.20	-1.284		
428	0.66	1.029	478	0.94	-1.064	528	11.22	-1.031		
429	0.71	1.503	479	0.95	-1.163	529	11.24	-1.030		
430	0.75	0.712	480	0.97	0.462	530	11.27	-1.526		
431	0.79	-0.282	481	0.99	1.339	531	11.30	-1.023		
432	0.80	-0.530	482	10.01	1.716	532	11.33	-1.270		
433	0.84	-1.526	483	10.03	-0.155	533	11.37	-1.266		
434	0.87	-1.524	484	10.04	-1.028	534	11.41	-1.262		
435	0.89	-1.522	485	10.07	-1.401	535	11.43	-1.260		
436	0.92	-1.248	486	10.09	-1.399	536	11.46	-1.260		
437	0.95	-0.640	487	10.11	-1.397	537	11.49	-0.004		
438	0.98	0.610	488	10.13	-2.269	538	11.51	0.247		
439	0.99	1.862	489	10.17	-1.391	539	11.54	0.249		
440	0.91	2.239	490	10.20	0.111	540	11.55	-0.246		
441	0.94	1.617	491	10.23	1.114	541	11.58	-1.494		
442	0.96	1.869	492	10.26	2.368	542	11.60	-1.242		
443	0.98	1.621	493	10.30	2.371	543	11.62	-0.990		
444	0.91	0.998	494	10.32	1.499	544	11.65	-0.612		
445	0.91	0.749	495	10.36	-0.995	545	11.68	-0.359		
446	0.95	-0.495	496	10.39	-2.242	546	11.72	-0.605		
447	0.96	-0.867	497	10.41	-3.428	547	11.74	-0.374		
448	0.92	-2.115	498	10.43	-3.428	548	11.77	1.273		
449	0.92	-1.863	499	10.45	-3.611	549	11.79	1.275		
450	0.95	-0.610	500	10.47	-2.359	550	11.83	1.280		

Table IV D-55. Digitized Accelerations of Earthquake Record with Index Number 354

INDEX NO.	354	1001-GR-2	HANANAKO BRIDGE	LG.	MAX. ACCEL. *	12.600 (GAL)	T = 9.76 (SEC)	NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1	0.0	3.180	51	1.13	-0.053	101	2.44	151	3.76
2	0.03	4.428	52	1.16	0.192	102	2.46	152	3.81
3	0.04	5.676	53	1.19	0.014	103	2.49	153	3.83
4	0.05	5.675	54	1.21	0.313	104	2.52	154	3.85
5	0.07	4.174	55	1.24	0.309	105	2.54	155	3.89
6	0.08	3.172	56	1.27	0.556	106	2.57	156	3.93
7	0.10	1.921	57	1.30	0.303	107	2.59	157	3.96
8	0.12	0.044	58	1.33	-0.323	108	2.62	158	4.00
9	0.13	-0.831	59	1.37	-0.326	109	2.64	159	4.02
10	0.16	-0.333	60	1.39	-0.954	110	2.67	160	4.06
11	0.18	-0.335	61	1.42	-1.332	111	2.71	161	4.11
12	0.20	-0.337	62	1.45	-1.085	112	2.74	162	4.14
13	0.23	1.283	63	1.48	0.535	113	2.76	163	4.17
14	0.24	2.157	64	1.51	2.405	114	2.81	164	4.20
15	0.27	2.155	65	1.54	2.153	115	2.85	165	4.24
16	0.29	2.152	66	1.56	1.525	116	2.88	166	4.28
17	0.31	2.525	67	1.58	1.046	117	2.90	167	4.31
18	0.34	2.273	68	1.60	0.899	118	2.93	168	4.33
19	0.36	0.020	69	1.63	2.021	119	2.95	169	4.37
20	0.38	-1.655	70	1.64	2.395	120	2.98	170	4.39
21	0.41	-4.357	71	1.66	2.143	121	3.01	171	4.42
22	0.43	-5.360	72	1.69	1.515	122	3.04	172	4.45
23	0.46	-5.987	73	1.72	0.512	123	3.08	173	4.48
24	0.48	-5.990	74	1.75	-0.114	124	3.11	174	4.51
25	0.50	-5.742	75	1.77	-0.118	125	3.14	175	4.53
26	0.53	-5.995	76	1.79	0.505	126	3.17	176	4.55
27	0.55	-5.997	77	1.81	0.753	127	3.19	177	4.57
28	0.58	-6.375	78	1.84	0.500	128	3.22	178	4.58
29	0.61	-6.627	79	1.86	0.248	129	3.24	179	4.60
30	0.63	-6.379	80	1.89	0.496	130	3.26	180	4.64
31	0.66	-5.132	81	1.92	3.867	131	3.28	181	4.67
32	0.69	-4.260	82	1.95	5.490	132	3.30	182	4.70
33	0.72	-3.263	83	1.98	7.988	133	3.31	183	4.74
34	0.74	-1.140	84	1.98	9.236	134	3.34	184	4.76
35	0.76	1.106	85	2.02	9.683	135	3.36	185	4.79
36	0.78	3.728	86	2.05	7.104	136	3.38	186	4.82
37	0.80	5.257	87	2.08	5.477	137	3.41	187	4.84
38	0.82	6.475	88	2.10	3.599	138	3.43	188	4.86
39	0.85	6.848	89	2.13	2.097	139	3.45	189	4.89
40	0.86	7.096	90	2.15	0.845	140	3.48	190	4.92
41	0.90	7.448	91	2.17	-1.655	141	3.51	191	4.97
42	0.92	7.465	92	2.19	-2.907	142	3.54	192	5.00
43	0.94	6.589	93	2.21	-3.284	143	3.56	193	5.03
44	0.95	4.712	94	2.23	-3.037	144	3.59	194	5.07
45	0.97	3.085	95	2.25	-1.184	145	3.61	195	5.11
46	0.98	2.209	96	2.29	-0.542	146	3.65	196	5.15
47	1.00	-0.291	97	2.31	-0.794	147	3.68	197	5.18
48	1.03	-2.544	98	2.34	-0.172	148	3.70	198	5.21
49	1.06	-2.547	99	2.38	0.073	149	3.73	199	5.24
50	1.09	-1.300	100	2.41	-3.429	150	3.75	200	5.27

INDEX NO.	354	1001-GR-2	HAMANAKO BRIDGE	LG.	MAX. ACCEL. =	12.600(GAL)	T = 9.76(SEC)	NO. 2	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201	5.30	1.411	251	6.84	9.011	301	8.59	351	10.35
202	5.32	0.159	252	6.87	10.383	302	8.63	352	10.42
203	5.36	-2.343	253	6.90	10.180	303	8.67	353	10.46
204	5.38	-4.846	254	6.93	9.502	304	8.71	354	10.50
205	5.41	-6.223	255	6.96	8.624	305	8.76	355	10.54
206	5.44	-7.476	256	6.98	6.997	306	8.80	356	10.57
207	5.47	-6.854	257	7.01	6.369	307	8.83	357	10.62
208	5.50	-6.607	258	7.05	4.499	308	8.85	358	10.67
209	5.54	-4.736	259	7.10	1.236	309	8.88	359	10.70
210	5.57	-3.114	260	7.12	-0.265	310	8.90	360	10.74
211	5.61	-0.993	261	7.16	-1.518	311	8.94	361	10.78
212	5.65	0.877	262	7.19	-1.896	312	8.97	362	10.84
213	5.69	1.498	263	7.23	-2.150	313	9.01	363	10.89
214	5.73	2.869	264	7.27	-3.155	314	9.03	364	10.93
215	5.75	3.241	265	7.31	-4.034	315	9.08	365	10.96
216	5.79	2.988	266	7.35	-5.037	316	9.10	366	11.00
217	5.82	1.360	267	7.39	-6.041	317	9.14	367	11.04
218	5.86	-0.142	268	7.43	-5.169	318	9.16	368	11.09
219	5.88	-1.154	269	7.46	-4.547	319	9.20	369	11.12
220	5.90	-1.771	270	7.49	-4.300	320	9.23	370	11.16
221	5.94	-9.525	271	7.52	-2.679	321	9.26	371	11.23
222	5.97	0.095	272	7.55	-2.431	322	9.30	372	11.27
223	5.99	0.719	273	7.57	-2.434	323	9.33	373	11.31
224	6.01	0.466	274	7.61	-0.188	324	9.36	374	11.35
225	6.04	-0.785	275	7.65	0.431	325	9.40	375	11.39
226	6.07	-0.787	276	7.70	0.677	326	9.44	376	11.44
227	6.09	-1.165	277	7.73	0.674	327	9.48	377	11.48
228	6.14	-0.919	278	7.77	0.670	328	9.52	378	11.52
229	6.17	-2.047	279	7.80	0.417	329	9.55	379	11.55
230	6.19	-3.049	280	7.83	-1.459	330	9.59	380	11.58
231	6.22	-4.552	281	7.87	-2.088	331	9.62	381	11.61
232	6.25	-5.930	282	7.90	-1.841	332	9.66	382	11.65
233	6.28	-6.308	283	7.95	-1.845	333	9.69	383	11.69
234	6.31	-7.186	284	7.99	-1.649	334	9.72	384	11.72
235	6.35	-7.815	285	8.02	-1.227	335	9.76	385	11.77
236	6.38	-8.193	286	8.05	0.642	336	9.80	386	11.81
237	6.41	-7.321	287	8.09	3.639	337	9.83	387	11.85
238	6.44	-6.073	288	8.12	5.761	338	9.86	388	11.88
239	6.46	-4.826	289	8.15	8.258	339	9.89	389	11.91
240	6.49	-2.329	290	8.18	9.880	340	9.92	390	11.97
241	6.52	-0.081	291	8.21	9.876	341	9.95	391	12.00
242	6.55	1.183	292	8.25	9.623	342	9.97	392	12.03
243	6.60	0.535	293	8.29	7.744	343	10.00	393	12.08
244	6.63	0.531	294	8.32	4.241	344	10.04	394	12.11
245	6.66	0.278	295	8.35	1.488	345	10.09	395	12.14
246	6.70	0.274	296	8.38	-0.765	346	10.14	396	12.18
247	6.74	1.770	297	8.43	-3.268	347	10.20	397	12.23
248	6.76	4.018	298	8.47	-4.522	348	10.24	398	12.27
249	6.78	6.516	299	8.50	-5.150	349	10.30	399	12.30
250	6.81	7.764	300	8.55	-5.905	350	10.34	400	12.33

INDEX NO.	354	1001-GR-2	HAMANAKO BRIDGE	LG.	MAX.ACCEL.=	12.600(GAL)	T= 9.76(SEC)	NO. 3	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401	12.36	2.222	451	14.33	3.901	501	16.52	551	18.52
402	12.40	4.092	452	14.38	4.273	502	16.58	552	-2.190
403	12.44	4.464	453	14.43	4.516	503	16.63	553	-1.320
404	12.48	4.209	454	14.47	4.013	504	16.69	554	-0.326
405	12.51	2.056	455	14.50	2.305	505	16.75	555	1.166
406	12.54	1.954	456	14.54	-0.117	506	16.81	556	1.535
407	12.58	0.700	457	14.56	-1.994	507	16.86	557	1.781
408	12.60	0.072	458	14.60	-3.498	508	16.92	558	1.775
409	12.64	-0.180	459	14.65	-6.127	509	16.97	559	3.020
410	12.68	-1.183	460	14.68	-7.756	510	17.03	560	3.014
411	12.71	-2.063	461	14.72	-7.760	511	17.07	561	3.010
412	12.75	-2.691	462	14.77	-6.264	512	17.12	562	2.130
413	12.79	-2.445	463	14.81	-5.643	513	17.18	563	0.249
414	12.84	-2.700	464	14.86	-4.648	514	17.22	564	-1.003
415	12.88	-2.704	465	14.90	-3.152	515	17.28	565	-1.009
416	12.93	-1.209	466	14.93	-1.530	516	17.32	566	-1.887
417	12.95	0.661	467	14.97	0.589	517	17.37	567	-1.399
418	12.99	2.783	468	15.01	2.335	518	17.44	568	-0.309
419	13.01	5.281	469	15.04	3.207	519	17.49	569	-0.654
420	13.04	8.528	470	15.09	3.578	520	17.55	570	1.087
421	13.08	6.899	471	15.12	2.949	521	17.60	571	1.083
422	13.11	6.321	472	15.17	2.070	522	17.63	572	0.205
423	13.15	3.767	473	15.21	0.440	523	17.68	573	-1.048
424	13.19	1.638	474	15.26	-0.188	524	17.73	574	-1.678
425	13.22	-0.863	475	15.32	0.055	525	17.78	575	-0.608
426	13.25	-3.116	476	15.36	0.427	526	17.82	576	-1.083
427	13.30	-5.245	477	15.41	0.672	527	17.86	577	-0.815
428	13.34	-6.375	478	15.45	-0.455	528	17.90	578	0.179
429	13.38	-5.754	479	15.50	-0.450	529	17.94	579	1.049
430	13.42	-5.132	480	15.56	-0.216	530	17.98	580	1.420
431	13.46	-3.261	481	15.60	0.028	531	18.03	581	0.028
432	13.50	-1.765	482	15.64	-0.225	532	18.08	582	-0.225
433	13.53	0.730	483	15.68	0.395	533	18.14	583	0.395
434	13.56	1.102	484	15.72	0.641	534	18.19	584	0.641
435	13.61	2.097	485	15.76	1.012	535	18.24	585	1.012
436	13.65	2.213	486	15.80	0.384	536	18.29	586	0.384
437	13.67	1.214	487	15.85	0.129	537	18.34	587	0.129
438	13.73	0.586	488	15.91	0.123	538	18.39	588	0.123
439	13.77	-0.292	489	15.95	0.119	539	18.44	589	0.119
440	13.81	-0.046	490	16.00	0.114	540	18.49	590	0.114
441	13.85	1.198	491	16.05	0.110	541	18.54	591	0.110
442	13.89	1.194	492	16.10	0.355	542	18.59	592	0.355
443	13.95	1.180	493	16.14	0.976	543	18.64	593	0.976
444	14.00	1.184	494	16.18	2.472	544	18.69	594	2.472
445	14.05	0.928	495	16.23	3.092	545	18.74	595	3.092
446	14.09	0.300	496	16.28	2.837	546	18.79	596	2.837
447	14.14	0.295	497	16.33	0.958	547	18.84	597	0.958
448	14.19	1.165	498	16.37	-0.295	548	18.89	598	-0.295
449	14.25	2.410	499	16.41	-2.424	549	18.94	599	-2.424
450	14.30	3.655	500	16.46	-3.678	550	18.99	600	-3.678

Table IV D-56. Digitized Accelerations of Earthquake Record with Index Number 355

INDEX NO. 355	1001-GR-2	HAMANAKO BRIDGE	U-D	MAX. ACCEL. *	3.703 (GAL)	T = 0.91 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-1.563	51 1.42	1.213	101 2.96	1.242	151 4.67	-0.845
2 0.32	-0.313	52 1.44	0.318	102 2.93	1.688	152 4.71	-1.470
3 0.04	1.186	53 1.46	-1.159	103 2.96	1.369	153 4.75	-2.344
4 0.06	1.811	54 1.49	-2.409	104 3.00	0.994	154 4.78	-2.343
5 0.07	2.436	55 1.52	-2.783	105 3.04	0.745	155 4.84	-0.842
6 0.10	3.438	56 1.54	-2.532	106 3.06	0.745	156 4.88	0.032
7 0.12	3.108	57 1.58	-0.657	107 3.09	1.246	157 4.94	1.033
8 0.14	1.938	58 1.62	0.592	108 3.12	0.373	158 4.98	1.909
9 0.16	1.313	59 1.64	1.217	109 3.16	-0.250	159 5.01	1.909
10 0.19	0.687	60 1.67	1.843	110 3.20	0.623	160 5.04	1.660
11 0.22	0.689	61 1.70	2.469	111 3.23	1.624	161 5.09	-0.837
12 0.24	0.940	62 1.73	3.094	112 3.26	2.249	162 5.12	-2.087
13 0.25	-0.308	63 1.75	2.845	113 3.31	2.000	163 5.15	-1.461
14 0.29	-1.182	64 1.77	2.595	114 3.34	2.001	164 5.21	-0.836
15 0.32	-2.432	65 1.79	1.595	115 3.37	2.002	165 5.26	0.039
16 0.35	-2.431	66 1.83	0.721	116 3.41	1.377	166 5.29	0.415
17 0.37	-2.181	67 1.85	-0.526	117 3.46	-0.495	167 5.34	0.166
18 0.40	-0.939	68 1.88	-1.776	118 3.50	-1.119	168 5.37	0.166
19 0.43	-0.305	69 1.92	-2.775	119 3.54	-1.493	169 5.40	0.167
20 0.45	-0.054	70 1.94	-2.775	120 3.59	-1.742	170 5.43	-0.205
21 0.49	0.320	71 1.97	-2.140	121 3.62	-1.741	171 5.47	-1.455
22 0.50	0.320	72 1.99	-0.649	122 3.66	-1.241	172 5.51	-2.329
23 0.53	0.070	73 2.01	0.350	123 3.71	-0.240	173 5.56	-2.703
24 0.55	-0.927	74 2.03	1.225	124 3.74	0.384	174 5.61	-2.077
25 0.58	-1.177	75 2.06	2.226	125 3.78	0.385	175 5.64	-0.826
26 0.61	-1.551	76 2.09	1.976	126 3.81	0.635	176 5.68	0.422
27 0.64	-2.425	77 2.11	1.352	127 3.84	0.762	177 5.72	1.923
28 0.66	-2.800	78 2.14	0.102	128 3.87	-0.236	178 5.76	2.299
29 0.68	-2.800	79 2.17	-1.145	129 3.90	-0.861	179 5.80	2.300
30 0.71	-2.174	80 2.20	-1.770	130 3.93	-0.610	180 5.84	2.050
31 0.73	-0.674	81 2.24	-1.519	131 3.97	0.014	181 5.87	1.676
32 0.75	0.575	82 2.27	-1.518	132 4.02	1.015	182 5.90	0.427
33 0.78	1.200	83 2.31	-1.517	133 4.05	1.265	183 5.95	-0.195
34 0.80	2.451	84 2.35	-0.642	134 4.10	1.016	184 6.01	-0.194
35 0.84	2.827	85 2.37	-0.016	135 4.12	0.392	185 6.06	-0.193
36 0.87	3.702	86 2.40	1.232	136 4.16	-0.231	186 6.09	1.055
37 0.91	3.703	87 2.43	1.858	137 4.20	0.018	187 6.13	1.931
38 0.94	3.454	88 2.46	1.359	138 4.23	1.269	188 6.17	2.307
39 0.99	1.580	89 2.47	0.359	139 4.27	1.270	189 6.21	2.058
40 1.02	0.330	90 2.52	0.610	140 4.29	0.395	190 6.26	1.059
41 1.05	-0.542	91 2.55	1.235	141 4.33	0.396	191 6.30	0.435
42 1.09	-1.792	92 2.58	3.111	142 4.36	-0.477	192 6.37	-1.063
43 1.12	-2.791	93 2.62	2.237	143 4.39	-0.851	193 6.40	-1.438
44 1.17	-0.040	94 2.65	0.362	144 4.42	-0.850	194 6.44	-0.811
45 1.20	-2.789	95 2.67	-0.085	145 4.45	-1.725	195 6.48	-0.560
46 1.23	-2.164	96 2.71	-2.385	146 4.48	-0.600	196 6.53	0.439
47 1.26	-1.288	97 2.75	-3.009	147 4.51	0.024	197 6.59	1.440
48 1.29	-0.912	98 2.77	-2.133	148 4.55	-0.473	198 6.64	1.691
49 1.33	-0.287	99 2.81	-0.632	149 4.58	-1.097	199 6.68	2.067
50 1.36	-0.286	100 2.86	1.241	150 4.63	-0.596	200 6.72	1.693
INDEX NO. 355	1001-GR-2	HAMANAKO BRIDGE	U-D	MAX. ACCEL. *	3.703 (GAL)	T = 0.91 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 6.77	1.654	251 8.93	-0.137	301 11.62	0.539	351 14.26	-0.031
202 6.80	1.069	252 8.98	1.738	302 11.70	1.166	352 14.30	-0.030
203 6.83	0.445	253 9.03	2.614	303 11.75	1.167	353 14.36	-0.279
204 6.87	-0.802	254 9.09	1.740	304 11.80	0.918	354 14.39	-0.278
205 6.93	0.072	255 9.15	0.491	305 11.85	0.544	355 14.43	0.220
206 6.97	0.073	256 9.21	-0.131	306 11.91	0.545	356 14.48	0.596
207 7.01	-0.175	257 9.26	0.493	307 11.97	1.171	357 14.54	-1.276
208 7.05	-0.709	258 9.31	1.744	308 12.04	1.797	358 14.59	-2.150
209 7.09	-1.423	259 9.37	1.745	309 12.08	1.548	359 14.63	-1.649
210 7.13	-2.047	260 9.42	0.496	310 12.14	1.174	360 14.68	-0.398
211 7.17	-2.671	261 9.48	-0.751	311 12.21	0.926	361 14.73	-0.397
212 7.20	-2.646	262 9.52	-0.500	312 12.27	-0.071	362 14.78	-0.646
213 7.24	-0.170	263 9.58	-0.374	313 12.32	-0.695	363 14.82	-0.020
214 7.29	1.079	264 9.62	-0.373	314 12.38	-0.694	364 14.87	-0.019
215 7.32	2.330	265 9.68	0.501	315 12.43	-0.068	365 14.92	-0.643
216 7.35	2.955	266 9.74	0.752	316 12.48	-0.067	366 14.96	-0.017
217 7.36	2.081	267 9.77	0.753	317 12.51	-0.066	367 15.01	0.657
218 7.43	0.457	268 9.82	1.120	318 12.58	-0.940	368 15.04	2.107
219 7.46	0.207	269 9.87	1.130	319 12.62	-0.939	369 15.09	1.608
220 7.50	-0.165	270 9.94	1.131	320 12.67	-0.938	370 15.13	-0.014
221 7.52	-0.414	271 9.98	0.507	321 12.73	-0.436	371 15.17	-1.263
222 7.58	-0.163	272 10.03	-0.115	322 12.80	-0.935	372 15.22	-1.087
223 7.63	0.461	273 10.08	-0.989	323 12.86	-0.684	373 15.26	-2.511
224 7.68	0.212	274 10.14	-0.738	324 12.90	-0.683	374 15.32	-1.805
225 7.72	-0.706	275 10.21	0.762	325 12.97	-0.057	375 15.36	-1.634
226 7.74	-1.035	276 10.26	2.012	326 13.01	0.192	376 15.40	-1.259
227 7.78	-1.659	277 10.32	1.764	327 13.07	0.193	377 15.44	-1.258
228 7.81	-1.659	278 10.38	0.515	328 13.12	0.194	378 15.48	-0.182
229 7.86	-1.408	279 10.43	-0.357	329 13.17	-0.303	379 15.53	0.617
230 7.96	-1.657	280 10.51	-0.981	330 13.24	0.197	380 15.56	0.617
231 7.93	-1.656	281 10.57	-2.229	331 13.29	-0.300	381 15.59	-0.630
232 7.98	-1.155	282 10.62	-2.603	332 13.33	-1.549	382 15.64	-1.004
233 8.02	-0.780	283 10.67	-2.352	333 13.38	-0.423	383 15.71	-0.003
234 8.06	-1.030	284 10.71	-1.727	334 13.44	0.326	384 15.77	-0.627
235 8.10	0.528	285 10.74	-1.726	335 13.48	-1.297	385 15.82	-0.375
236 8.15	0.926	286 10.80	-0.725	336 13.53	-1.546	386 15.88	0.000
237 8.16	0.222	287 10.85	-1.599	337 13.59	-1.544	387 15.93	-0.248
238 8.24	-0.775	288 10.90	-2.598	338 13.63	-1.044	388 15.98	-0.247
239 8.29	-1.649	289 10.96	-0.472	339 13.68	-0.042	389 16.04	-0.246
240 8.35	-1.148	290 11.00	-0.096	340 13.74	0.582	390 16.07	-0.621
241 8.39	-0.147	291 11.05	0.153	341 13.79	0.333	391 16.14	-0.869
242 8.44	0.102	292 11.12	0.522	342 13.83	0.333	392 16.19	-0.005
243 8.50	-0.145	293 11.17	0.530	343 13.88	0.584	393 16.24	0.256
244 8.55	-0.394	294 11.21	1.156	344 13.93	-0.288	394 16.28	-0.241
245 8.60	-1.018	295 11.27	0.532	345 13.98	-0.287	395 16.34	-0.365
246 8.65	-1.592	296 11.32	0.533	346 14.03	-0.286	396 16.38	0.884
247 8.70	-1.391	297 11.37	-1.589	347 14.07	-0.285	397 16.46	1.510
248 8.74	-1.140	298 11.41	-2.588	348 14.12	-0.659	398 16.50	1.261
249 8.81	-1.639	299 11.47	-0.462	349 14.17	0.215	399 16.54	1.262
250 8.88	-0.763	300 11.54	0.163	350 14.22	0.216	400 16.60	0.638

INDEX NO.	356	1001-GR-2	HAMAMAKO BRIDGE	TR.	MAX. ACCEL. * -15.971 (GAL)	T = 9.70 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 5.01	-1.949	251 7.65	3.478	301 9.70	-15.971	351 11.75	-2.049
202 5.05	-1.701	252 7.73	5.226	302 9.77	-15.474	352 11.79	-2.050
203 5.08	-1.702	253 7.78	3.225	303 9.82	-11.726	353 11.84	-2.427
204 5.91	-0.453	254 7.82	3.223	304 9.85	-7.352	354 11.89	-2.179
205 5.94	0.169	255 7.85	2.597	305 9.89	-1.853	355 11.94	-2.181
206 5.98	0.792	256 7.89	1.970	306 9.93	3.143	356 11.99	-1.808
207 6.02	0.791	257 7.93	1.094	307 9.95	6.642	357 12.02	-1.559
208 6.05	1.415	258 7.97	0.717	308 9.97	10.142	358 12.05	-1.560
209 6.08	4.184	259 8.01	0.466	309 10.01	13.390	359 12.10	-1.563
210 6.13	5.287	260 8.04	0.715	310 10.05	14.264	360 12.14	0.935
211 6.15	5.036	261 8.09	-0.785	311 10.08	15.262	361 12.18	2.558
212 6.18	5.285	262 8.12	-0.287	312 10.13	14.386	362 12.22	3.181
213 6.21	5.034	263 8.17	0.336	313 10.16	11.510	363 12.26	2.930
214 6.24	3.408	264 8.22	0.983	314 10.18	8.384	364 12.30	3.428
215 6.27	2.782	265 8.26	-0.542	315 10.21	3.258	365 12.35	3.426
216 6.30	3.030	266 8.29	-2.043	316 10.24	-1.117	366 12.39	4.425
217 6.35	2.530	267 8.34	-2.670	317 10.27	-3.743	367 12.42	4.424
218 6.38	1.002	268 8.37	-3.046	318 10.31	-6.244	368 12.46	5.671
219 6.41	0.901	269 8.40	-3.047	319 10.35	-6.621	369 12.51	7.170
220 6.44	0.025	270 8.46	-2.799	320 10.39	-5.997	370 12.55	7.793
221 6.48	-0.099	271 8.49	-1.551	321 10.44	-4.999	371 12.59	7.792
222 6.51	0.522	272 8.54	-0.302	322 10.49	-3.501	372 12.63	7.540
223 6.56	1.520	273 8.57	0.319	323 10.54	-1.003	373 12.67	6.664
224 6.60	-0.354	274 8.62	-0.181	324 10.57	1.869	374 12.72	6.662
225 6.63	-2.980	275 8.66	-1.182	325 10.61	4.742	375 12.75	6.036
226 6.67	-4.232	276 8.69	-2.433	326 10.63	5.741	376 12.79	5.034
227 6.71	-4.483	277 8.72	-3.685	327 10.67	8.490	377 12.85	6.282
228 6.75	-4.234	278 8.77	-3.936	328 10.70	0.864	378 12.90	4.780
229 6.79	-3.986	279 8.81	-3.438	329 10.74	7.612	379 12.94	2.528
230 6.82	-3.612	280 8.87	-2.440	330 10.78	5.466	380 12.99	1.026
231 6.86	-2.939	281 8.90	-2.441	331 10.83	3.609	381 13.04	-0.225
232 6.91	-2.116	282 8.95	-3.318	332 10.88	1.107	382 13.07	-0.225
233 6.95	-1.493	283 8.99	-4.570	333 10.96	-0.769	383 13.12	0.646
234 7.01	-0.870	284 9.02	-5.196	334 11.00	-2.396	384 13.17	2.144
235 7.06	-0.495	285 9.06	-4.322	335 11.05	-3.772	385 13.22	3.142
236 7.10	-0.498	286 9.07	-2.449	336 11.12	-5.900	386 13.26	4.641
237 7.13	-0.249	287 9.13	0.674	337 11.16	-5.902	387 13.31	5.639
238 7.17	0.748	288 9.16	2.797	338 11.20	-4.778	388 13.34	5.638
239 7.23	0.495	289 9.20	3.795	339 11.25	-3.155	389 13.39	4.136
240 7.27	0.744	290 9.23	6.044	340 11.29	-2.281	390 13.44	2.509
241 7.32	0.742	291 9.28	7.042	341 11.32	-0.033	391 13.48	0.632
242 7.36	0.490	292 9.34	7.040	342 11.35	2.484	392 13.52	-1.492
243 7.39	-1.384	293 9.38	5.104	343 11.39	4.339	393 13.56	-2.743
244 7.43	-3.260	294 9.43	0.537	344 11.42	5.712	394 13.59	-3.495
245 7.46	-4.262	295 9.48	-3.338	345 11.47	6.585	395 13.64	-3.247
246 7.49	-5.138	296 9.51	-6.464	346 11.51	6.583	396 13.70	-3.249
247 7.53	-4.639	297 9.55	-8.716	347 11.55	6.082	397 13.75	-2.376
248 7.57	-2.766	298 9.58	-11.342	348 11.60	4.455	398 13.80	-0.753
249 7.61	-0.267	299 9.62	-13.218	349 11.64	1.703	399 13.85	1.119
250 7.64	1.980	300 9.66	-14.728	350 11.69	-0.796	400 13.90	1.117

INDEX NO.	356	1001-GR-2	HAMAMAKO BRIDGE	TR.	MAX. ACCEL. * -15.971 (GAL)	T = 9.70 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)				
401 13.97	1.114	451 16.72	-6.238				
402 14.04	0.236	452 16.77	-5.240				
403 14.11	-0.764	453 16.81	-2.115				
404 14.18	-0.767	454 16.86	-1.243				
405 14.23	-1.644	455 16.91	-0.245				
406 14.31	-3.522	456 16.96	0.626				
407 14.36	-5.399	457 17.00	1.624				
408 14.42	-5.776	458 17.05	2.498				
409 14.47	-5.528	459 17.09	3.498				
410 14.52	-4.289	460 17.14	4.119				
411 14.60	-4.283	461 17.18	2.243				
412 14.69	-4.161	462 17.22	0.991				
413 14.73	-3.913	463 17.26	-0.083				
414 14.80	3.041	464 17.33	-2.385				
415 14.86	-2.918	465 17.38	-2.388				
416 14.91	-2.045	466 17.43	-2.140				
417 14.95	-1.421	467 17.47	-2.391				
418 15.02	-1.674	468 17.51	-2.768				
419 15.09	-2.677	469 17.57	-1.270				
420 15.15	-1.804	470 17.62	-0.022				
421 15.23	-1.182	471 17.66	1.599				
422 15.29	-0.809	472 17.70	1.848				
423 15.33	0.688	473 17.73	1.597				
424 15.43	1.059	474 17.77	0.720				
425 15.47	1.397	475 17.81	0.094				
426 15.53	1.395	476 17.87	-0.282				
427 15.56	-0.819	477 17.91	-0.033				
428 15.63	0.052						
429 15.68	0.674						
430 15.72	0.424						
431 15.78	-0.827						
432 15.83	-2.329						
433 15.85	-3.580						
434 15.91	-6.707						
435 15.96	-7.959						
436 15.98	-7.960						
437 16.05	-5.713						
438 16.11	-3.640						
439 16.15	-1.466						
440 16.21	1.654						
441 16.25	3.528						
442 16.31	4.526						
443 16.36	5.149						
444 16.40	4.898						
445 16.45	2.145						
446 16.50	0.518						
447 16.55	-1.981						
448 16.59	-6.608						
449 16.62	-6.107						
450 16.66	-7.111						

Table IV D-58. Digitized Accelerations of Earthquake Record with Index Number 357

INDEX NO. 357	1201-GR-6	NISHIYOKOBORI B. LG.	MAX.ACCEL.*	0.729(GAL)	T = 1.30(SEC)	NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	2.162	51 1.35	6.710	101 2.0	-2.622	151 4.44	0.866
2 0.01	0.910	52 1.37	6.336	102 2.04	-1.033	152 4.48	0.233
3 0.03	-0.344	53 1.43	4.205	103 2.07	0.469	153 4.51	-0.307
4 0.06	-0.356	54 1.43	0.949	104 2.08	1.732	154 4.55	-0.156
5 0.09	0.268	55 1.44	-0.677	105 2.09	1.223	155 4.58	0.083
6 0.10	0.887	56 1.46	-3.182	106 2.07	0.590	156 4.62	0.074
7 0.12	0.283	57 1.48	-4.436	107 3.00	-0.416	157 4.66	-0.183
8 0.16	-2.249	58 1.49	-4.439	108 3.04	-1.299	158 4.69	-0.191
9 0.16	-4.753	59 1.52	-3.196	109 3.06	-1.929	159 4.73	0.422
10 0.20	-5.009	60 1.55	-1.952	110 3.09	-1.436	160 4.77	1.664
11 0.22	-5.764	61 1.57	-0.457	111 3.13	-0.021	161 4.80	2.283
12 0.25	-6.770	62 1.60	0.160	112 3.16	-0.020	162 4.83	2.900
13 0.27	-7.025	63 1.63	0.153	113 3.22	-2.343	163 4.86	1.642
14 0.29	-5.905	64 1.64	0.774	114 3.25	-3.226	164 4.89	0.762
15 0.31	-4.284	65 1.66	1.396	115 3.29	-4.235	165 4.91	-0.886
16 0.33	-2.791	66 1.69	2.012	116 3.34	-4.246	166 4.95	-1.124
17 0.36	-1.796	67 1.72	2.007	117 3.38	-4.504	167 4.98	-0.635
18 0.38	-1.177	68 1.74	2.377	118 3.42	-3.389	168 5.02	-0.643
19 0.40	-0.932	69 1.76	2.372	119 3.45	-1.772	169 5.05	-1.526
20 0.44	-0.317	70 1.79	1.989	120 3.47	0.346	170 5.09	-2.160
21 0.47	-0.823	71 1.82	0.859	121 3.49	1.968	171 5.13	-2.419
22 0.50	-0.830	72 1.86	1.100	122 3.51	2.212	172 5.18	-2.806
23 0.53	-1.213	73 1.89	1.718	123 3.53	1.707	173 5.22	-1.941
24 0.55	-1.467	74 1.92	2.585	124 3.57	-0.174	174 5.26	-1.950
25 0.57	-2.722	75 1.94	1.454	125 3.59	-1.180	175 5.30	-1.959
26 0.60	-5.854	76 1.96	0.826	126 3.61	-2.001	176 5.34	-1.595
27 0.62	-5.859	77 1.99	-0.554	127 3.64	-1.567	177 5.37	-1.351
28 0.65	-5.366	78 2.02	-0.810	128 3.67	-2.075	178 5.41	-1.860
29 0.68	-3.124	79 2.05	-0.192	129 3.73	-3.088	179 5.44	-2.492
30 0.71	-2.881	80 2.08	0.674	130 3.78	-2.849	180 5.48	-3.501
31 0.75	-3.390	81 2.11	1.040	131 3.82	-3.358	181 5.50	-4.383
32 0.77	-3.145	82 2.15	1.283	132 3.85	-2.490	182 5.54	-3.891
33 0.81	-1.030	83 2.18	1.023	133 3.87	-0.996	183 5.58	-2.025
34 0.84	0.586	84 2.22	0.139	134 3.90	-0.620	184 5.62	-0.409
35 0.88	2.578	85 2.26	-0.492	135 3.94	-1.263	185 5.65	1.080
36 0.91	3.195	86 2.29	-1.125	136 3.96	-1.892	186 5.69	1.447
37 0.94	3.188	87 2.33	-0.634	137 3.99	0.224	187 5.73	0.189
38 0.97	3.806	88 2.36	1.232	138 4.03	2.465	188 5.76	-1.319
39 0.99	3.549	89 2.39	3.475	139 4.05	4.584	189 5.80	-3.201
40 1.01	4.669	90 2.43	4.715	140 4.09	6.201	190 5.83	-4.459
41 1.03	5.665	91 2.46	4.459	141 4.13	6.441	191 5.86	-4.466
42 1.05	5.661	92 2.49	3.826	142 4.16	6.184	192 5.90	-4.476
43 1.10	4.650	93 2.52	2.819	143 4.19	5.302	193 5.94	-4.236
44 1.14	4.389	94 2.55	1.563	144 4.21	5.296	194 5.99	-3.372
45 1.18	4.632	95 2.58	-0.568	145 4.25	5.538	195 6.04	-1.508
46 1.21	5.000	96 2.62	-1.576	146 4.28	5.780	196 6.09	0.979
47 1.24	6.263	97 2.64	-1.832	147 4.31	5.523	197 6.12	2.220
48 1.28	6.359	98 2.68	-2.215	148 4.34	5.516	198 6.16	4.067
49 1.30	9.729	99 2.72	-2.609	149 4.37	4.633	199 6.20	3.827
50 1.32	9.725	100 2.75	-3.108	150 4.41	2.999	200 6.24	2.310
201 6.27	0.061	251 8.54	0.410				
202 6.30	-1.819	252 8.59	-0.727				
203 6.34	-1.578	253 8.63	-1.111				
204 6.38	-1.837	254 8.68	-0.250				
205 6.41	-2.095	255 8.74	-0.261				
206 6.47	-3.732	256 8.80	-0.150				
207 6.51	-3.991	257 8.85	-0.162				
208 6.54	-4.375	258 8.89	0.078				
209 6.57	-3.506	259 8.94	-1.433				
210 6.62	-2.268	260 8.99	-2.444				
211 6.67	-0.654	261 9.03	-1.829				
212 6.71	0.211	262 9.07	-0.588				
213 6.74	0.577	263 9.13	0.646				
214 6.78	1.103	264 9.17	1.886				
215 6.84	1.431	265 9.22	1.875				
216 6.90	1.792	266 9.29	2.110				
217 6.97	0.526	267 9.34	2.472				
218 7.03	-0.112	268 9.39	2.211				
219 7.08	-0.748	269 9.44	2.449				
220 7.13	-1.010	270 9.48	2.190				
221 7.18	-1.022	271 9.54	0.551				
222 7.23	0.715	272 9.58	0.542				
223 7.27	0.455	273 9.62	0.781				
224 7.31	-2.053	274 9.66	-0.101				
225 7.34	-3.310	275 9.71	-1.613				
226 7.37	-5.192	276 9.76	-0.749				
227 7.42	-4.329	277 9.81	-0.510				
228 7.46	-2.464	278 9.87	0.100				
229 7.51	-1.225	279 9.94	0.209				
230 7.56	-1.236	280 10.00	-0.804				
231 7.60	-1.496	281 10.06	-0.818				
232 7.63	-1.253	282 10.10	-0.579				
233 7.68	-1.514	283 10.16	-0.641				
234 7.72	-1.273	284 10.22	-2.356				
235 7.76	-0.657	285 10.28	-3.369				
236 7.81	-0.944	286 10.34	-2.133				
237 7.86	1.547	287 10.40	-0.648				
238 7.90	4.056	288 10.47	0.586				
239 7.94	4.923	289 10.51	1.025				
240 7.98	4.913	290 10.58	2.184				
241 8.03	3.401	291 10.64	3.044				
242 8.10	0.885	292 10.70	2.531				
243 8.15	-0.623	293 10.74	2.522				
244 8.20	-1.885	294 10.79	2.134				
245 8.25	-3.147	295 10.84	2.373				
246 8.29	-2.907	296 10.91	2.108				
247 8.33	-3.702						
248 8.37	-3.300						
249 8.43	-0.815						
250 8.49	0.420						

Table IV D-59. Digitized Accelerations of Earthquake Record with Index Number 358

INDEX NO.	358	1201-GR-6	NISHIYOKUBORI S. U-D	MAX. ACCEL. ±	3.727 (GAL)	T = 5.10 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	1.497	51 1.62	1.490	101 3.50	-2.239	151 5.76	-2.637
2 0.04	0.616	52 1.62	0.962	102 3.54	-1.622	152 5.81	-2.020
3 0.06	-0.012	53 1.65	0.331	103 3.57	-1.001	153 5.85	-1.152
4 0.09	-0.016	54 1.68	-0.296	104 3.60	-1.633	154 5.88	0.464
5 0.12	-0.067	55 1.70	0.198	105 3.64	-1.888	155 5.94	1.079
6 0.15	-1.027	56 1.75	-0.038	106 3.68	-2.270	156 5.99	0.195
7 0.19	0.214	57 1.78	0.568	107 3.71	-2.276	157 6.06	-0.615
8 0.22	0.834	58 1.82	0.803	108 3.73	-1.905	158 6.11	-1.073
9 0.25	1.077	59 1.65	0.297	109 3.77	-1.911	159 6.17	-0.584
10 0.28	0.198	60 1.89	-0.332	110 3.80	-1.042	160 6.23	-0.844
11 0.31	-0.680	61 1.92	-0.713	111 3.84	-0.799	161 6.28	-0.603
12 0.33	-0.685	62 1.96	-0.094	112 3.87	-1.055	162 6.33	-0.486
13 0.35	0.434	63 1.99	1.398	113 3.92	-1.938	163 6.36	-0.867
14 0.38	0.804	64 2.02	1.394	114 3.98	-2.324	164 6.41	-2.125
15 0.41	0.799	65 2.05	1.512	115 4.04	-2.334	165 6.47	-3.386
16 0.44	0.794	66 2.09	0.505	116 4.11	-2.097	166 6.52	-1.270
17 0.47	1.039	67 2.15	0.746	117 4.17	-1.482	167 6.58	-2.155
18 0.50	0.533	68 2.19	1.113	118 4.22	-1.490	168 6.62	-2.412
19 0.53	-1.095	69 2.23	1.107	119 4.27	-0.499	169 6.68	-1.922
20 0.55	-1.724	70 2.27	1.724	120 4.31	-0.257	170 6.72	-2.179
21 0.58	-0.855	71 2.31	1.718	121 4.36	0.108	171 6.77	-1.563
22 0.60	-0.233	72 2.35	1.710	122 4.39	-0.771	172 6.82	-1.321
23 0.62	1.012	73 2.38	0.630	123 4.43	0.720	173 6.86	-0.078
24 0.65	0.756	74 2.43	1.321	124 4.47	1.587	174 6.89	0.289
25 0.68	1.002	75 2.47	1.940	125 4.54	1.076	175 6.94	-0.967
26 0.72	0.995	76 2.50	3.559	126 4.61	1.063	176 6.98	-1.649
27 0.75	0.113	77 2.54	3.302	127 4.66	0.679	177 7.03	-3.107
28 0.78	-0.515	78 2.58	2.671	128 4.71	0.670	178 7.08	-1.991
29 0.80	-1.144	79 2.62	2.039	129 4.75	0.037	179 7.12	-0.372
30 0.84	-1.400	80 2.67	2.030	130 4.79	-1.467	180 7.14	-0.127
31 0.87	-0.531	81 2.72	1.646	131 4.83	0.274	181 7.19	-0.637
32 0.90	-0.535	82 2.76	1.639	132 4.88	0.640	182 7.26	-1.647
33 0.92	-1.115	83 2.82	1.620	133 4.92	0.384	183 7.30	-0.780
34 0.96	-3.047	84 2.88	0.994	134 4.96	1.252	184 7.35	0.210
35 0.99	-3.678	85 2.92	0.736	135 5.00	2.120	185 7.39	0.829
36 1.03	-2.809	86 2.96	0.103	136 5.05	2.736	186 7.43	0.822
37 1.06	-2.439	87 2.99	-0.274	137 5.10	3.727	187 7.48	-0.685
38 1.10	-2.196	88 3.03	0.342	138 5.15	3.717	188 7.52	-0.443
39 1.13	-1.576	89 3.06	0.336	139 5.19	3.086	189 7.58	-0.703
40 1.16	0.288	90 3.09	0.080	140 5.26	2.199	190 7.66	-0.218
41 1.22	1.281	91 3.13	-0.049	141 5.31	0.939	191 7.72	-0.478
42 1.26	1.899	92 3.16	-0.054	142 5.36	-0.068	192 7.77	-0.736
43 1.30	1.642	93 3.19	0.938	143 5.42	-0.328	193 7.83	-0.496
44 1.36	-0.007	94 3.26	-0.321	144 5.47	0.537	194 7.88	0.367
45 1.39	0.002	95 3.31	-1.501	145 5.52	1.152	195 7.94	0.357
46 1.42	-0.002	96 3.35	-0.962	146 5.56	1.146	196 7.99	0.348
47 1.46	-0.008	97 3.39	0.529	147 5.60	-0.359	197 8.05	0.712
48 1.49	-0.264	98 3.41	0.524	148 5.64	-1.991	198 8.12	0.451
49 1.54	1.226	99 3.45	0.268	149 5.68	-2.623	199 8.16	0.444
50 1.57	1.846	100 3.47	-0.983	150 5.73	-3.256	200 8.23	0.932

INDEX NO.	358	1201-GR-6	NISHIYOKUBORI S. U-D	MAX. ACCEL. ±	3.727 (GAL)	T = 5.10 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 8.21	1.289						
202 8.31	1.669						
203 8.34	0.413						
204 8.42	0.273						
205 8.49	0.011						
206 8.56	-0.249						
207 8.62	-0.259						
208 8.67	-0.642						
209 8.74	-0.029						
210 8.81	-0.667						
211 8.88	-0.679						
212 8.94	-0.690						
213 8.98	0.600						
214 9.04	1.417						
215 9.10	0.906						
216 9.20	0.514						
217 9.26	6.503						
218 9.33	0.242						
219 9.39	-0.142						
220 9.46	-0.405						
221 9.52	-0.415						
222 9.61	-0.180						
223 9.70	0.052						
224 9.76	1.042						
225 9.81	1.283						
226 9.85	1.276						
227 9.93	1.636						
228 9.99	1.376						
229 10.03	-3.504						
230 10.10	-1.140						
231 10.16	-0.275						
232 10.21	-0.535						
233 10.25	-1.167						
234 10.30	-1.550						
235 10.35	-0.399						
236 10.40	-0.068						
237 10.47	0.543						
238 10.54	0.906						
239 10.61	0.646						
240 10.67	0.634						
241 10.74	0.623						
242 10.78	1.739						
243 10.82	2.108						
244 10.85	1.652						
245 10.91	1.468						

Table IV D-60. Digitized Accelerations of Earthquake Record with Index Number 359

INDEX NO. 359 1201-GR-6			NISHIYOKOBORI B. TR.			MAX.ACCEL.# 0.754(GAL)			T= 2.12(SEC)			NO. 1		
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	1.265	51	1.54	-7.514	101	3.02	0.091	151	4.68	-3.335	201	6.74	4.415
2	0.01	1.513	52	1.57	-7.520	102	3.04	0.962	152	4.71	-4.342	202	6.78	2.533
3	0.04	2.133	53	1.61	-6.402	103	3.06	3.208	153	4.75	-2.723	203	6.82	1.024
4	0.08	2.129	54	1.68	-3.269	104	3.09	3.453	154	4.78	-1.228	204	6.87	0.391
5	0.08	3.759	55	1.71	-1.046	105	3.12	2.948	155	4.80	0.391	205	6.92	1.882
6	0.11	3.994	56	1.74	1.197	106	3.15	2.317	156	4.83	2.885	206	6.96	1.250
7	0.15	3.487	57	1.76	1.569	107	3.19	1.310	157	4.87	2.878	207	7.00	0.368
8	0.18	2.232	58	1.79	0.938	108	3.22	1.054	158	4.90	1.622	208	7.03	-1.511
9	0.21	-0.272	59	1.81	0.309	109	3.26	1.296	159	4.93	-0.586	209	7.08	-4.020
10	0.24	-2.153	60	1.85	1.802	110	3.30	-0.209	160	4.95	-1.761	210	7.11	-3.150
11	0.28	-3.410	61	1.88	2.422	111	3.34	-0.590	161	5.00	-2.144	211	7.16	-1.284
12	0.31	-3.791	62	1.90	3.418	112	3.38	-0.597	162	5.03	-4.275	212	7.21	-1.293
13	0.34	-4.672	63	1.93	3.164	113	3.42	-1.479	163	5.07	-5.906	213	7.25	-1.300
14	0.37	-4.177	64	1.96	1.908	114	3.45	-3.110	164	5.10	-6.787	214	7.28	-1.556
15	0.39	-2.556	65	2.01	2.775	115	3.49	-1.242	165	5.14	-5.919	215	7.32	-1.939
16	0.43	-1.938	66	2.05	4.693	116	3.52	-0.624	166	5.17	-5.050	216	7.36	-3.445
17	0.46	-2.193	67	2.07	6.763	117	3.55	1.245	167	5.18	-3.181	217	7.38	-4.075
18	0.49	-1.323	68	2.09	7.760	118	3.58	2.145	168	5.20	-2.927	218	7.42	-3.581
19	0.51	-0.077	69	2.12	8.754	119	3.61	2.109	169	5.23	-2.192	219	7.47	-0.716
20	0.53	0.542	70	2.15	8.248	120	3.65	0.601	170	5.29	-3.448	220	7.52	1.399
21	0.55	0.287	71	2.18	6.618	121	3.69	-1.530	171	5.34	-3.206	221	7.56	3.016
22	0.58	-1.341	72	2.21	5.987	122	3.71	-2.784	172	5.39	-3.125	222	7.59	4.280
23	0.61	-1.596	73	2.25	4.481	123	3.76	-2.292	173	5.43	-2.222	223	7.64	4.251
24	0.64	-1.352	74	2.28	3.475	124	3.79	-2.797	174	5.46	-1.978	224	7.67	2.371
25	0.67	-1.608	75	2.31	2.844	125	3.81	-3.802	175	5.51	-1.613	225	7.70	-0.132
26	0.71	-4.115	76	2.35	3.088	126	3.83	-3.805	176	5.55	-0.369	226	7.73	-4.137
27	0.75	-6.171	77	2.38	3.082	127	3.86	-1.686	177	5.60	1.744	227	7.75	-6.016
28	0.77	-6.501	78	2.41	1.576	128	3.89	-0.691	178	5.65	3.360	228	7.79	-5.773
29	0.80	-4.632	79	2.43	-1.675	129	3.92	-1.427	179	5.70	4.851	229	7.83	-4.905
30	0.82	-2.760	80	2.45	-3.803	130	3.94	2.423	180	5.75	4.592	230	7.86	-4.536
31	0.85	0.609	81	2.46	-5.430	131	3.97	2.418	181	5.79	3.959	231	7.90	-4.543
32	0.88	3.492	82	2.48	-6.109	132	4.00	3.662	182	5.84	3.951	232	7.93	-4.549
33	0.92	4.845	83	2.50	-4.188	133	4.03	4.906	183	5.91	3.689	233	7.97	-3.681
34	0.96	3.962	84	2.52	-2.317	134	4.06	4.275	184	5.95	2.680	234	8.00	-2.440
35	0.99	2.957	85	2.54	-0.820	135	4.09	2.771	185	6.01	1.795	235	8.06	-1.197
36	1.03	1.699	86	2.57	-0.200	136	4.12	0.516	186	6.05	-0.765	236	8.10	-1.704
37	1.06	0.195	87	2.59	-0.455	137	4.15	-0.363	187	6.09	1.406	237	8.15	-1.213
38	1.07	-1.431	88	2.61	-3.332	138	4.18	-0.743	188	6.13	0.523	238	8.20	-0.847
39	1.10	-1.811	89	2.64	-5.463	139	4.23	-0.503	189	6.17	-1.107	239	8.24	0.019
40	1.14	0.429	90	2.67	-6.468	140	4.27	-0.135	190	6.22	-3.241	240	8.29	2.259
41	1.18	1.298	91	2.68	-6.096	141	4.31	0.479	191	6.27	-3.875	241	8.33	2.877
42	1.21	3.167	92	2.72	-4.602	142	4.37	1.969	192	6.34	-3.887	242	8.36	3.122
43	1.23	4.163	93	2.74	-2.106	143	4.40	3.589	193	6.38	-3.644	243	8.41	2.613
44	1.27	4.781	94	2.77	-0.487	144	4.45	4.455	194	6.43	-2.405	244	8.47	1.978
45	1.31	4.524	95	2.81	-0.494	145	4.48	3.573	195	6.47	-1.161	245	8.48	1.601
46	1.34	3.894	96	2.84	1.374	146	4.51	2.944	196	6.52	-0.919	246	8.50	0.722
47	1.38	2.636	97	2.87	1.618	147	4.55	2.938	197	6.56	0.071	247	8.54	0.089
48	1.43	0.129	98	2.92	1.610	148	4.59	2.929	198	6.64	1.558	248	8.59	-0.292
49	1.47	-3.002	99	2.96	0.477	149	4.62	1.048	199	6.68	2.800	249	8.63	-0.924
50	1.50	-5.802	100	2.98	-0.525	150	4.65	-1.080	200	6.71	4.045	250	8.66	-1.806
201	6.74	4.415	251	8.69	-2.186	301	10.85	2.048				241	8.33	2.877
202	6.78	2.533	252	8.73	-2.193	302	10.90	2.040				242	8.36	3.122
203	6.82	1.024	253	8.79	-1.570							243	8.41	2.613
204	6.87	0.391	254	8.83	-1.337							244	8.47	1.978
205	6.92	1.882	255	8.88	-0.969							245	8.48	1.601
206	6.96	1.250	256	8.91	-1.651							246	8.50	0.722
207	7.00	0.368	257	8.95	-2.402							247	8.54	0.089
208	7.03	-1.511	258	8.98	-1.988							248	8.59	-0.292
209	7.08	-4.020	259	9.03	-1.621							249	8.63	-0.924
210	7.11	-3.150	260	9.07	-0.379							250	8.66	-1.806
211	7.16	-1.284	261	9.11	0.862									
212	7.21	-1.293	262	9.14	1.731									
213	7.25	-1.300	263	9.21	1.719									
214	7.28	-1.556	264	9.25	1.212									
215	7.32	-1.939	265	9.29	0.629									
216	7.36	-3.445	266	9.34	1.070									
217	7.38	-4.075	267	9.40	2.080									
218	7.42	-3.581	268	9.44	2.927									
219	7.47	-0.716	269	9.49	3.544									
220	7.52	1.399	270	9.52	4.537									
221	7.56	3.016	271	9.56	5.155									
222	7.59	4.280	272	9.62	3.895									
223	7.64	4.251	273	9.68	2.010									
224	7.67	2.371	274	9.73	1.126									
225	7.70	-0.132	275	9.77	-0.505									
226	7.73	-4.137	276	9.82	-2.013									
227	7.75	-6.016	277	9.86	-2.021									
228	7.79	-5.773	278	9.90	0.094									
229	7.83	-4.905	279	9.96	0.961									
230	7.86	-4.536	280	9.99	0.954									
231	7.90	-4.543	281	10.03	0.072									
232	7.93	-4.549	282	10.06	-0.008									
233	7.97	-3.681	283	10.11	-1.816									
234	8.00	-2.440	284	10.15	-1.824									
235	8.06	-1.197	285	10.20	-0.582									
236	8.10	-1.704	286	10.23	0.035									
237	8.15	-1.213	287	10.27	1.903									
238	8.20	-0.847	288	10.30	2.773									
239	8.24	0.019	289	10.33	3.767									
240	8.29	2.259	290	10.38	4.384									
241	8.33	2.877	291	10.43	3.499									
242	8.36	3.122	292	10.47	1.242									
243	8.41	2.613	293	10.51	-0.638									
244	8.47	1.978	294	10.55	-1.520									
245	8.48	1.601	295	10.59	-1.528									
246	8.50	0.722	296	10.64	-1.286									
247	8.54	0.089	297	10.68	-0.669									
248	8.59	-0.292	298	10.72	1.821									
249	8.63	-0.924	299	10.76	1.815									
250	8.66	-1.806	300	10.82	1.180									

Table IV D-61. Digitized Accelerations of Earthquake Record with Index Number 360

INDEX NO. 360	501-GR-46	FUTTSU CAPE	N-S	MAX. ACCEL. +	16.517 (GAL)	T = 1.24 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.00	-0.190	51 0.95	-0.301	101 1.63	0.882	151 2.38	0.955
2 0.04	-1.276	52 0.97	-0.922	102 1.64	2.409	152 2.39	-3.077
3 0.06	-1.271	53 0.99	-0.667	103 1.66	-2.629	153 2.40	-4.325
4 0.08	-0.891	54 1.00	-5.414	104 1.67	-5.176	154 2.41	-4.322
5 0.09	-0.888	55 1.02	-1.909	105 1.68	-6.123	155 2.43	-2.193
6 0.11	-0.882	56 1.03	-0.030	106 1.70	-5.494	156 2.45	-0.313
7 0.13	-0.629	57 1.05	0.596	107 1.72	-2.739	157 2.47	-0.558
8 0.14	-0.903	58 1.06	0.600	108 1.74	-1.736	158 2.49	-1.804
9 0.15	0.626	59 1.08	0.603	109 1.75	-0.858	159 2.50	-1.301
10 0.17	0.379	60 1.10	-0.640	110 1.76	-0.480	160 2.51	0.951
11 0.18	-0.241	61 1.11	-1.262	111 1.77	-0.477	161 2.52	3.081
12 0.21	-0.559	62 1.12	-1.885	112 1.79	-0.475	162 2.54	3.708
13 0.22	-0.855	63 1.13	-2.131	113 1.81	0.781	163 2.55	3.210
14 0.24	-0.851	64 1.15	-1.878	114 1.82	1.033	164 2.57	1.339
15 0.26	-0.597	65 1.16	-0.625	115 1.83	1.036	165 2.58	-0.531
16 0.27	-0.593	66 1.17	1.252	116 1.84	-0.458	166 2.59	-1.778
17 0.28	-0.640	67 1.18	5.630	117 1.86	-1.955	167 2.61	-2.399
18 0.30	-0.836	68 1.19	7.631	118 1.88	-3.375	168 2.62	-2.145
19 0.33	-0.829	69 1.20	12.261	119 1.90	-3.572	169 2.64	-1.265
20 0.35	-0.623	70 1.22	15.515	120 1.91	-2.694	170 2.66	-0.687
21 0.39	-1.065	71 1.24	16.517	121 1.92	-0.442	171 2.67	-0.008
22 0.41	-1.433	72 1.25	14.395	122 1.94	3.563	172 2.69	1.246
23 0.43	-0.603	73 1.26	11.697	123 1.96	3.691	173 2.72	1.627
24 0.45	-0.549	74 1.27	7.399	124 1.97	3.049	174 2.74	0.382
25 0.46	0.078	75 1.28	-3.969	125 1.99	1.448	175 2.75	-0.339
26 0.48	0.082	76 1.29	-10.091	126 2.00	0.575	176 2.77	-2.109
27 0.50	-0.162	77 1.31	-13.214	127 2.01	-0.689	177 2.79	-2.729
28 0.52	-0.158	78 1.32	-13.461	128 2.03	-1.290	178 2.81	-2.098
29 0.54	-0.491	79 1.33	-11.084	129 2.05	-1.681	179 2.83	-0.219
30 0.56	-0.147	80 1.35	-4.630	130 2.07	-0.781	180 2.86	1.035
31 0.58	-0.142	81 1.36	5.297	131 2.09	-0.400	181 2.88	1.042
32 0.60	-0.387	82 1.37	9.800	132 2.10	-0.397	182 2.92	0.174
33 0.63	-0.381	83 1.38	9.802	133 2.12	-0.393	183 2.94	-0.018
34 0.65	-0.375	84 1.40	6.006	134 2.14	-0.388	184 2.96	-1.438
35 0.67	-0.371	85 1.41	2.436	135 2.16	0.489	185 2.97	-1.434
36 0.69	-0.741	86 1.43	-3.684	136 2.17	1.117	186 2.99	-0.558
37 0.71	-1.361	87 1.44	-4.307	137 2.18	1.495	187 3.00	0.694
38 0.72	-1.357	88 1.45	-4.554	138 2.20	0.875	188 3.01	1.698
39 0.74	-1.102	89 1.46	-4.551	139 2.21	-0.620	189 3.02	2.576
40 0.77	-0.470	90 1.48	-4.298	140 2.22	-3.741	190 3.04	2.954
41 0.78	-0.092	91 1.49	-3.671	141 2.24	-5.988	191 3.06	2.083
42 0.80	0.536	92 1.50	-3.417	142 2.26	-7.484	192 3.08	-0.180
43 0.81	1.164	93 1.51	-2.790	143 2.27	-7.482	193 3.09	-0.781
44 0.83	1.792	94 1.53	-3.035	144 2.28	-2.228	194 3.11	-1.027
45 0.84	2.420	95 1.55	-1.530	145 2.30	6.151	195 3.13	-0.773
46 0.86	2.428	96 1.57	-5.152	146 2.32	8.780	196 3.14	-0.769
47 0.89	1.182	97 1.58	-2.024	147 2.33	0.782	197 3.16	-1.014
48 0.91	-0.936	98 1.59	2.229	148 2.34	7.659	198 3.18	-1.011
49 0.92	-3.806	99 1.61	5.107	149 2.35	5.412	199 3.19	-0.508
50 0.94	-5.054	100 1.62	5.984	150 2.36	2.040	200 3.20	0.492
201 3.21	0.746	251 4.14	-1.155	301 4.98	0.301	351 5.89	-2.601
202 3.23	0.750	252 4.15	-0.275	302 5.00	0.305	352 5.92	-1.971
203 3.25	0.754	253 4.17	0.352	303 5.01	0.309	353 5.93	-1.343
204 3.27	0.759	254 4.19	0.356	304 5.04	0.365	354 5.95	-0.712
205 3.28	0.513	255 4.21	-0.137	305 5.05	0.560	355 5.97	-0.457
206 3.30	-0.730	256 4.23	-0.507	306 5.06	0.671	356 6.00	-0.076
207 3.31	-1.353	257 4.24	0.119	307 5.08	-0.297	357 6.02	0.552
208 3.34	-2.222	258 4.26	0.998	308 5.10	-0.293	358 6.04	-0.065
209 3.35	-2.593	259 4.27	1.377	309 5.11	0.584	359 6.06	-1.311
210 3.37	0.705	260 4.29	0.757	310 5.13	1.838	360 6.08	-2.182
211 3.39	2.665	261 4.31	-0.113	311 5.15	2.841	361 6.10	-2.552
212 3.40	3.041	262 4.33	-1.108	312 5.16	3.095	362 6.12	-1.047
213 3.42	1.795	263 4.34	-1.355	313 5.18	2.850	363 6.13	0.580
214 3.43	-0.075	264 4.35	-1.101	314 5.20	2.684	364 6.16	1.836
215 3.44	-1.572	265 4.37	-0.471	315 5.22	1.984	365 6.17	1.690
216 3.46	-1.943	266 4.39	1.407	316 5.24	0.739	366 6.19	0.970
217 3.49	-1.936	267 4.41	1.660	317 5.25	0.117	367 6.21	0.350
218 3.50	-1.934	268 4.42	1.684	318 5.28	-0.500	368 6.23	-0.644
219 3.51	-1.930	269 4.43	1.167	319 5.30	-1.120	369 6.25	-0.389
220 3.53	-1.925	270 4.45	-0.076	320 5.32	-2.364	370 6.27	0.613
221 3.56	-2.169	271 4.47	-1.073	321 5.34	-2.736	371 6.28	1.242
222 3.57	-2.540	272 4.48	-1.696	322 5.38	-1.226	372 6.30	0.623
223 3.59	-3.161	273 4.49	-2.943	323 5.39	0.026	373 6.32	0.002
224 3.60	-2.908	274 4.51	-3.563	324 5.41	0.655	374 6.34	-0.618
225 3.62	-0.653	275 4.52	-1.686	325 5.43	0.660	375 6.35	-0.364
226 3.64	-0.925	276 4.53	-0.433	326 5.44	0.162	376 6.38	0.264
227 3.66	0.852	277 4.54	0.818	327 5.45	-0.633	377 6.39	0.804
228 3.67	1.480	278 4.56	1.698	328 5.47	-1.704	378 6.41	0.648
229 3.68	1.859	279 4.58	0.829	329 5.48	-2.700	379 6.43	-0.220
230 3.71	2.115	280 4.60	0.207	330 5.51	-2.943	380 6.44	-0.217
231 3.72	1.619	281 4.61	1.086	331 5.53	-2.438	381 6.46	-0.036
232 3.74	0.373	282 4.63	1.714	332 5.55	-1.009	382 6.48	0.290
233 3.76	-0.870	283 4.64	2.344	333 5.57	-1.430	383 6.50	1.919
234 3.78	-0.866	284 4.67	1.475	334 5.58	-0.551	384 6.52	2.549
235 3.81	-0.982	285 4.69	0.854	335 5.59	0.449	385 6.54	1.680
236 3.84	-1.601	286 4.71	-0.388	336 5.60	1.702	386 6.56	-0.435
237 3.86	0.927	287 4.72	-1.260	337 5.62	2.330	387 6.57	0.063
238 3.89	0.833	288 4.75	-1.629	338 5.63	2.584	388 6.59	0.067
239 3.90	0.287	289 4.77	-1.373	339 5.66	1.714	389 6.63	-0.172
240 3.93	0.668	290 4.79	-0.743	340 5.66	0.221	390 6.66	-0.164
241 3.95	0.674	291 4.82	-0.362	341 5.69	9.223	391 6.69	-0.158
242 3.97	0.679	292 4.84	-0.107	342 5.72	0.731	392 6.72	-0.151
243 3.99	-0.169	293 4.86	-0.102	343 5.75	1.987	393 6.74	-0.520
244 4.01	-1.185	294 4.88	-1.222	344 5.76	2.368	394 6.76	0.359
245 4.03	-1.806	295 4.90	-2.217	345 5.78	2.368	395 6.77	0.737
246 4.05	-1.809	296 4.91	-2.214	346 5.79	2.123	396 6.81	-0.503
247 4.07	-1.172	297 4.92	-1.336	347 5.82	1.128	397 6.83	-0.748
248 4.08	-1.169	298 4.93	-0.083	348 5.83	0.507	398 6.87	0.134
249 4.10	-1.413	299 4.95	0.543	349 5.85	-0.611	399 6.89	0.766
250 4.12	-1.784	300 4.95	0.546	350 5.88	-1.355	400 6.92	1.397

INDEX NO. 360 501-GR-46 FUTTSU CAPE N-S MAX.ACCEL.* 16.51(GAL) T= 1.26(SEC) NO. 3

NO. (SEC) (GAL)
401 0.94 1.652

Table IV D-62. Digitized Accelerations of Earthquake Record with Index Number 361

INDEX NO. 361	501-GR-46	FUTTSU CAPE	U-D	MAX.ACCEL.*	2.013(GAL)	T= 1.90(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	0.240	51 1.35	0.814	101 2.80	0.083	151 4.19	-0.105
2 0.07	0.008	52 1.37	1.495	102 2.84	0.062	152 4.23	-0.096
3 0.12	0.023	53 1.39	1.625	103 2.86	0.350	153 4.26	-0.461
4 0.14	0.030	54 1.40	0.629	104 2.89	0.606	154 4.30	-0.701
5 0.17	0.038	55 1.42	0.008	105 2.72	-0.257	155 4.33	-0.442
6 0.19	-0.330	56 1.43	-0.861	106 2.75	-0.409	156 4.36	-0.434
7 0.22	-0.571	57 1.46	-1.229	107 2.77	-0.403	157 4.39	-1.051
8 0.26	-0.563	58 1.49	-0.345	108 2.79	-0.409	158 4.40	-1.297
9 0.29	-0.552	59 1.51	-0.339	109 2.81	-1.107	159 4.42	-1.292
10 0.32	-0.943	60 1.53	-0.584	110 2.85	-0.598	160 4.45	-0.160
11 0.35	0.336	61 1.54	-1.206	111 2.87	-0.217	161 4.49	0.225
12 0.36	0.341	62 1.56	-0.572	112 2.90	0.041	162 4.54	-0.008
13 0.39	-0.275	63 1.59	0.056	113 2.94	-0.823	163 4.57	-0.826
14 0.42	-0.267	64 1.62	0.686	114 2.97	-0.564	164 4.61	0.259
15 0.45	-0.008	65 1.64	0.694	115 2.99	-0.558	165 4.64	0.517
16 0.47	-0.002	66 1.66	0.449	116 3.02	0.072	166 4.67	0.277
17 0.49	0.376	67 1.69	0.458	117 3.05	0.455	167 4.72	0.039
18 0.51	0.131	68 1.72	0.466	118 3.07	0.711	168 4.75	-0.325
19 0.53	0.139	69 1.76	-0.147	119 3.09	1.003	169 4.78	-0.317
20 0.56	0.146	70 1.78	-0.516	120 3.12	0.851	170 4.81	-0.510
21 0.58	0.152	71 1.81	-0.508	121 3.16	0.235	171 4.84	0.573
22 0.61	-0.214	72 1.83	0.369	122 3.19	-0.129	172 4.86	0.329
23 0.63	0.416	73 1.84	0.999	123 3.24	-0.367	173 4.88	0.085
24 0.65	0.421	74 1.87	2.005	124 3.28	0.479	174 4.91	0.605
25 0.67	0.177	75 1.90	2.013	125 3.32	-0.719	175 4.96	0.357
26 0.69	-0.196	76 1.92	1.145	126 3.35	-0.711	176 5.00	-0.504
27 0.72	-0.182	77 1.94	0.152	127 3.37	-0.079	177 5.03	-0.498
28 0.76	0.077	78 1.97	-0.715	128 3.40	0.175	178 5.07	-0.237
29 0.78	0.083	79 1.98	-1.086	129 3.43	-0.315	179 5.10	-0.227
30 0.81	0.089	80 2.01	-0.829	130 3.47	-0.054	180 5.14	-0.843
31 0.83	0.471	81 2.04	-0.196	131 3.52	0.210	181 5.17	-0.586
32 0.86	0.479	82 2.07	-0.688	132 3.55	0.218	182 5.21	-0.574
33 0.88	0.234	83 2.09	-1.932	133 3.59	0.604	183 5.26	-0.560
34 0.90	-0.132	84 2.13	-0.797	134 3.63	0.865	184 5.32	-0.794
35 0.93	-0.125	85 2.16	-0.412	135 3.66	0.873	185 5.36	-0.532
36 0.95	-0.118	86 2.19	-0.152	136 3.70	0.008	186 5.40	0.477
37 0.97	-0.112	87 2.24	-0.141	137 3.73	0.857	187 5.44	0.738
38 0.99	-0.357	88 2.27	0.241	138 3.76	0.598	188 5.47	0.498
39 1.01	-0.726	89 2.29	0.247	139 3.79	0.032	189 5.52	-0.113
40 1.04	-0.470	90 2.33	0.882	140 3.82	0.042	190 5.57	-0.350
41 1.06	0.535	91 2.35	-1.138	141 3.85	-0.199	191 5.61	-0.714
42 1.10	0.795	92 2.39	0.024	142 3.89	-1.191	192 5.65	-0.170
43 1.12	0.501	93 2.42	-0.341	143 3.91	-0.033	193 5.68	0.554
44 1.15	0.560	94 2.45	-0.083	144 3.93	-0.302	194 5.72	-0.310
45 1.18	0.568	95 2.47	-0.577	145 3.96	0.329	195 5.75	0.197
46 1.20	0.324	96 2.49	-1.195	146 4.00	0.088	196 5.77	0.574
47 1.24	0.334	97 2.52	-0.939	147 4.03	0.091	197 5.79	0.504
48 1.28	0.345	98 2.54	0.365	148 4.06	-0.516	198 5.83	-0.023
49 1.30	-0.024	99 2.55	1.193	149 4.10	0.118	199 5.85	-0.648
50 1.32	-0.017	100 2.57	3.050	150 4.16	0.133	200 5.91	-0.381

INDEX NO. 362	501-GR-46	FUTSU CAPE	E-W	MAX. ACCEL. =	14.811 (GAL)	T = 1.40 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 3.51	-0.505	251 4.40	1.020	301 5.47	-3.327	351 6.79	-2.415
202 3.53	-1.129	252 4.50	2.270	302 5.48	-1.451	352 6.81	-0.790
203 3.55	-1.129	253 4.51	2.095	303 5.50	0.047	353 6.83	1.084
204 3.58	0.620	254 4.53	3.146	304 5.52	1.673	354 6.85	2.584
205 3.60	2.245	255 4.55	2.271	305 5.54	1.674	355 6.88	1.710
206 3.62	4.372	256 4.57	0.772	306 5.57	1.424	356 6.91	1.451
207 3.63	5.372	257 4.58	0.772	307 5.59	0.800	357 6.94	1.087
208 3.65	4.122	258 4.61	0.773	308 5.61	0.425		
209 3.68	2.247	259 4.64	-0.475	309 5.63	-0.447		
210 3.68	0.123	260 4.66	-1.093	310 5.65	-1.446		
211 3.69	-2.125	261 4.68	-2.098	311 5.67	-1.696		
212 3.70	-3.000	262 4.71	-2.347	312 5.69	-1.446		
213 3.72	-2.124	263 4.72	-1.472	313 5.72	-0.195		
214 3.74	0.000	264 4.74	-0.221	314 5.74	0.679		
215 3.76	0.375	265 4.77	0.653	315 5.77	0.430		
216 3.79	-0.073	266 4.81	1.029	316 5.80	0.181		
217 3.80	-1.747	267 4.85	1.030	317 5.83	0.681		
218 3.82	-1.246	268 4.88	1.030	318 5.85	1.057		
219 3.84	0.627	269 4.90	0.781	319 5.88	0.433		
220 3.87	1.253	270 4.94	0.782	320 5.91	-0.190		
221 3.89	1.003	271 4.98	1.033	321 5.95	-0.814		
222 3.91	0.129	272 5.00	1.284	322 5.98	-1.438		
223 3.93	-1.118	273 5.02	1.284	323 6.01	-1.188		
224 3.95	-1.743	274 5.04	0.160	324 6.02	-0.563		
225 3.98	-0.867	275 5.06	-1.462	325 6.04	1.063		
226 4.01	0.632	276 5.07	-2.712	326 6.07	1.938		
227 4.03	0.632	277 5.09	-3.962	327 6.10	0.814		
228 4.05	-0.865	278 5.11	-4.586	328 6.13	-1.434		
229 4.07	-1.115	279 5.12	-3.711	329 6.15	-2.683		
230 4.09	-0.614	280 5.13	-1.836	330 6.19	-1.432		
231 4.11	1.009	281 5.15	0.038	331 6.22	-0.806		
232 4.12	1.885	282 5.16	1.288	332 6.28	-0.805		
233 4.14	2.260	283 5.17	1.664	333 6.31	-0.804		
234 4.17	0.762	284 5.19	0.789	334 6.34	-0.803		
235 4.19	-0.486	285 5.20	0.164	335 6.38	-0.802		
236 4.21	-0.861	286 5.22	-0.458	336 6.40	-0.176		
237 4.23	0.013	287 5.24	-0.208	337 6.43	0.073		
238 4.25	1.638	288 5.25	1.041	338 6.46	0.699		
239 4.28	2.263	289 5.26	2.541	339 6.50	1.700		
240 4.28	1.639	290 5.27	3.166	340 6.52	2.950		
241 4.29	0.389	291 5.29	2.042	341 6.53	3.826		
242 4.31	-1.483	292 5.31	-0.831	342 6.56	3.326		
243 4.32	-2.358	293 5.33	-2.705	343 6.58	0.452		
244 4.33	-2.358	294 5.35	-2.955	344 6.60	-1.421		
245 4.36	-2.732	295 5.36	-2.079	345 6.63	-1.670		
246 4.38	-1.856	296 5.38	0.044	346 6.67	-1.169		
247 4.40	-1.481	297 5.39	1.045	347 6.69	-1.168		
248 4.42	-0.855	298 5.41	1.045	348 6.72	-1.667		
249 4.44	-0.855	299 5.43	-1.078	349 6.75	-2.667		
250 4.46	-0.604	300 5.45	-2.952	350 6.76	-2.916		

Table IV D-64. Digitized Accelerations of Earthquake Record with Index Number 363

INDEX NO. 363	901-GR-41	P.W.R.I. CHIBA	N-S	MAX. ACCEL. =	13.315 (GAL)	T = 2.97 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-1.764	51 1.21	-0.756	101 2.40	-1.738	151 3.18	-1.409
2 0.03	-0.887	52 1.22	-0.129	102 2.50	-3.611	152 3.20	-2.282
3 0.06	-0.507	53 1.25	0.247	103 2.52	-4.234	153 3.23	-5.153
4 0.08	-0.255	54 1.28	-0.623	104 2.53	-2.733	154 3.25	-4.901
5 0.11	-1.378	55 1.31	-0.995	105 2.55	1.663	155 3.27	-1.399
6 0.13	-1.375	56 1.33	-0.742	106 2.56	4.144	156 3.29	1.101
7 0.18	-0.869	57 1.35	-0.364	107 2.57	5.020	157 3.30	3.227
8 0.21	-0.866	58 1.39	0.263	108 2.58	5.396	158 3.31	5.104
9 0.23	-0.489	59 1.42	0.017	109 2.59	4.523	159 3.32	5.729
10 0.24	-0.237	60 1.46	-0.353	110 2.61	3.274	160 3.34	3.982
11 0.26	-1.110	61 1.48	-1.225	111 2.62	1.650	161 3.36	1.734
12 0.26	-0.858	62 1.51	-1.597	112 2.63	0.777	162 3.37	-1.387
13 0.31	-0.230	63 1.54	-0.969	113 2.64	0.153	163 3.39	-2.260
14 0.32	-0.229	64 1.57	-0.090	114 2.66	0.655	164 3.41	-3.508
15 0.34	-0.727	65 1.59	-0.088	115 2.68	1.282	165 3.43	-0.756
16 0.36	-1.724	66 1.62	-0.335	116 2.69	0.410	166 3.45	1.369
17 0.38	-2.347	67 1.64	-0.558	117 2.71	-1.463	167 3.46	2.996
18 0.40	-2.344	68 1.67	-1.205	118 2.73	-4.211	168 3.47	4.247
19 0.42	-1.467	69 1.69	-1.202	119 2.74	-7.084	169 3.49	2.374
20 0.45	-1.089	70 1.72	-0.698	120 2.75	-7.958	170 3.51	0.501
21 0.47	0.161	71 1.75	-0.320	121 2.77	-7.455	171 3.52	-1.371
22 0.48	0.412	72 1.77	-0.318	122 2.79	-4.579	172 3.53	-3.494
23 0.50	-0.084	73 1.80	-0.940	123 2.80	-2.078	173 3.54	-4.742
24 0.52	-0.456	74 1.83	-0.936	124 2.82	4.173	174 3.56	-4.241
25 0.54	-0.704	75 1.86	-1.183	125 2.83	3.799	175 3.57	-1.989
26 0.57	-1.076	76 1.88	-1.180	126 2.84	2.050	176 3.59	0.135
27 0.61	-1.072	77 1.90	-1.553	127 2.86	-2.945	177 3.60	0.782
28 0.65	-1.317	78 1.92	-1.301	128 2.87	-4.569	178 3.62	1.139
29 0.68	-1.314	79 1.94	-0.298	129 2.88	-5.443	179 3.63	0.516
30 0.71	-1.081	80 1.97	0.327	130 2.90	-3.316	180 3.65	-0.106
31 0.73	-1.058	81 1.99	0.955	131 2.91	-0.565	181 3.67	0.144
32 0.75	-1.931	82 2.02	0.708	132 2.92	2.934	182 3.68	1.396
33 0.76	-1.055	83 2.04	0.085	133 2.93	8.686	183 3.70	3.023
34 0.79	-0.176	84 2.07	0.338	134 2.94	11.188	184 3.71	3.649
35 0.81	-0.174	85 2.10	1.592	135 2.95	13.313	185 3.72	3.401
36 0.84	-1.047	86 2.12	1.644	136 2.97	13.315	186 3.73	1.152
37 0.85	-1.295	87 2.15	2.222	137 2.98	9.942	187 3.74	-1.578
38 0.89	-1.291	88 2.17	1.600	138 2.99	7.818	188 3.75	-4.718
39 0.92	-1.288	89 2.20	0.728	139 3.00	5.318	189 3.76	-5.342
40 0.94	-1.286	90 2.23	0.107	140 3.01	2.819	190 3.77	-0.144
41 0.96	-1.558	91 2.26	-0.264	141 3.02	-2.652	191 3.78	-3.590
42 0.98	-1.031	92 2.27	-0.012	142 3.03	-3.301	192 3.79	-0.089
43 1.00	-0.403	93 2.29	-0.009	143 3.06	-1.798	193 3.80	4.535
44 1.03	-0.151	94 2.33	-0.506	144 3.07	-0.546	194 3.81	3.786
45 1.05	-0.398	95 2.36	-1.592	145 3.08	0.453	195 3.83	9.038
46 1.08	-0.394	96 2.38	-2.375	146 3.09	1.329	196 3.85	7.290
47 1.11	-0.142	97 2.40	-1.247	147 3.11	0.187	197 3.86	5.416
48 1.13	-1.014	98 2.43	0.379	148 3.13	-1.415	198 3.87	1.293
49 1.16	-1.086	99 2.45	1.257	149 3.14	-1.663	199 3.89	-1.578
50 1.19	-1.633	100 2.47	-0.239	150 3.16	-1.811	200 3.90	-3.452

INDEX NO.	363	901-GR-41	P.W.R.I CHIBA	N-5	MAX.ACCEL. =	13.315(GAL)	T = 2.97(SEC)	NO. 2
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	3.91	-4.701	251	4.89	2.160	301	5.74	-0.490
202	3.93	-4.448	252	4.90	1.786	302	5.76	0.155
203	3.95	-1.696	253	4.92	5.289	303	5.77	-0.111
204	3.96	0.803	254	4.94	5.041	304	5.80	-1.108
205	3.98	2.681	255	4.96	2.293	305	5.83	-1.334
206	4.00	1.182	256	4.98	-3.953	306	5.86	-1.975
207	4.02	-0.930	257	4.99	-6.826	307	5.88	-1.098
208	4.03	-1.938	258	5.00	-8.075	308	5.90	-0.221
209	4.06	-1.399	259	5.02	-4.947	309	5.92	1.030
210	4.08	0.192	260	5.04	-1.821	310	5.94	2.282
211	4.10	0.569	261	5.05	1.554	311	5.96	2.284
212	4.12	0.21	262	5.07	4.057	312	5.98	1.411
213	4.14	-0.239	263	5.09	5.059	313	6.01	-0.459
214	4.16	0.701	264	5.11	3.561	314	6.03	-0.707
215	4.18	1.454	265	5.13	0.680	315	6.06	1.045
216	4.21	2.706	266	5.15	-0.183	316	6.08	2.047
217	4.22	3.333	267	5.17	-1.806	317	6.10	2.300
218	4.23	2.209	268	5.18	-1.679	318	6.14	0.554
219	4.25	1.211	269	5.20	-4.552	319	6.16	0.181
220	4.27	0.964	270	5.23	-2.046	320	6.18	-0.689
221	4.29	0.966	271	5.26	2.570	321	6.20	-0.613
222	4.31	-0.655	272	5.27	4.704	322	6.22	-0.434
223	4.33	-3.152	273	5.28	5.052	323	6.25	-0.181
224	4.35	-3.775	274	5.30	5.083	324	6.27	-0.179
225	4.38	-1.272	275	5.32	1.086	325	6.30	0.198
226	4.39	0.603	276	5.34	-2.036	326	6.33	0.826
227	4.41	2.480	277	5.35	-4.535	327	6.36	0.829
228	4.43	2.732	278	5.36	-7.409	328	6.37	1.081
229	4.44	-0.014	279	5.37	-8.032	329	6.40	-0.039
230	4.46	-1.088	280	5.39	-4.905	330	6.42	-1.037
231	4.47	-4.635	281	5.40	-1.528	331	6.45	-1.284
232	4.49	-4.758	282	5.41	2.596	332	6.48	-1.280
233	4.52	-0.381	283	5.43	5.098	333	6.51	-0.402
234	4.54	2.119	284	5.44	6.349	334	6.53	0.475
235	4.56	3.122	285	5.45	6.725	335	6.55	1.101
236	4.58	2.249	286	5.46	4.602	336	6.58	-0.010
237	4.60	-0.246	287	5.48	2.729	337	6.60	-1.266
238	4.62	-0.868	288	5.50	-0.392	338	6.62	-1.638
239	4.65	-0.990	289	5.52	-3.015	339	6.66	-0.759
240	4.67	0.260	290	5.53	-3.638	340	6.69	0.667
241	4.70	1.513	291	5.56	-1.135	341	6.72	1.495
242	4.71	3.140	292	5.58	1.990	342	6.75	2.374
243	4.74	2.517	293	5.59	4.492	343	6.77	1.501
244	4.76	1.270	294	5.61	4.743	344	6.79	0.253
245	4.78	0.397	295	5.63	-4.247	345	6.80	-1.243
246	4.80	-0.848	296	5.65	2.623	346	6.83	-1.065
247	4.82	-1.846	297	5.67	0.125	347	6.86	-1.362
248	4.83	-3.989	298	5.68	-1.996	348	6.87	0.263
249	4.85	-3.092	299	5.70	-2.994	349	6.89	1.515
250	4.87	-0.965	300	5.73	-1.741	350	6.91	1.267

INDEX NO.	363	901-GR-41	P.W.R.I CHIBA	N-5	MAX.ACCEL. =	13.315(GAL)	T = 2.97(SEC)	NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	8.23	-1.203	451	9.64	0.834	501	10.88	1.602
402	8.25	0.040	452	9.66	1.452	502	10.92	2.856
403	8.28	1.576	453	9.69	1.215	503	10.95	1.735
404	8.31	-0.443	454	9.72	-1.530	504	10.98	-0.760
405	8.34	-0.440	455	9.74	-1.527	505	11.02	-2.380
406	8.37	-1.061	456	9.78	-1.274	506	11.06	-1.501
407	8.39	-0.559	457	9.81	0.853	507	11.09	-0.247
408	8.42	0.068	458	9.84	1.231	508	11.12	0.130
409	8.45	0.445	459	9.87	0.610	509	11.16	-0.489
410	8.47	1.323	460	9.91	-2.133	510	11.21	-1.734
411	8.50	1.702	461	9.93	-2.506	511	11.24	-0.855
412	8.53	1.452	462	9.95	-2.254	512	11.27	0.397
413	8.57	-0.184	463	9.98	-0.627	513	11.31	2.276
414	8.59	-0.162	464	9.98	0.873	514	11.35	2.030
415	8.61	0.889	465	9.99	2.124	515	11.37	1.408
416	8.64	0.093	466	10.00	3.751	516	11.41	1.163
417	8.68	-1.026	467	10.02	3.503	517	11.44	1.166
418	8.71	-2.648	468	10.05	1.631	518	11.48	1.171
419	8.73	-2.645	469	10.07	-0.864	519	11.52	0.550
420	8.76	-1.768	470	10.09	-3.113	520	11.56	-1.069
421	8.79	-0.138	471	10.10	-3.985	521	11.59	-1.316
422	8.81	1.362	472	10.13	-2.232	522	11.63	0.438
423	8.84	2.616	473	10.14	-0.666	523	11.66	0.818
424	8.87	0.609	474	10.16	1.270	524	11.70	0.574
425	8.90	-1.000	475	10.18	2.771	525	11.77	0.578
426	8.92	-1.998	476	10.21	2.275	526	11.82	0.209
427	8.95	-1.120	477	10.25	-0.844			
428	8.96	0.505	478	10.26	-2.717			
429	8.99	1.383	479	10.28	-3.965			
430	9.02	0.867	480	10.31	-3.962			
431	9.05	-0.108	481	10.33	-2.635			
432	9.09	-1.603	482	10.35	-0.582			
433	9.12	-2.599	483	10.38	1.294			
434	9.15	-1.347	484	10.40	1.922			
435	9.17	-0.719	485	10.44	1.676			
436	9.19	0.157	486	10.48	-0.817			
437	9.22	0.285	487	10.50	-0.939			
438	9.26	-0.709	488	10.53	1.563			
439	9.28	-0.681	489	10.55	2.813			
440	9.33	0.797	490	10.57	3.191			
441	9.35	-0.323	491	10.60	1.070			
442	9.37	-0.070	492	10.62	-2.051			
443	9.39	0.180	493	10.64	-4.923			
444	9.42	0.559	494	10.65	-4.922			
445	9.44	0.810	495	10.68	-2.794			
446	9.48	-0.683	496	10.71	-0.541			
447	9.51	-1.554	497	10.74	-0.287			
448	9.55	-1.300	498	10.79	-0.531			
449	9.58	-1.046	499	10.81	-0.529			
450	9.61	-0.342	500	10.85	0.100			

Table IV D-65. Digitized Accelerations of Earthquake Record with Index Number 364

INDEX NO. 364	901-GR-41	P.W.R.I CHIBA	U-D	MAX.ACCEL.+	-4.729(GAL)	T= 2.98(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	0.976	51 0.90	-1.430	101 2.02	-0.778	151 3.13	-1.097
2 0.01	0.746	52 0.93	-0.831	102 2.04	0.096	152 3.15	-0.471
3 0.04	-0.625	53 0.95	-0.205	103 2.07	0.473	153 3.16	-0.476
4 0.06	0.000	54 0.97	-1.079	104 2.09	0.224	154 3.18	-0.719
5 0.08	0.000	55 1.00	-1.703	105 2.11	-0.773	155 3.21	-0.468
6 0.11	0.002	56 1.01	-1.452	106 2.13	-0.522	156 3.23	0.181
7 0.13	0.002	57 1.04	-0.201	107 2.15	0.102	157 3.25	0.702
8 0.15	0.378	58 1.05	0.424	108 2.17	0.728	158 3.27	0.535
9 0.16	1.254	59 1.08	1.299	109 2.18	0.229	159 3.29	-0.089
10 0.18	1.080	60 1.10	0.175	110 2.20	-0.769	160 3.32	0.786
11 0.21	2.256	61 1.12	-0.822	111 2.22	-2.267	161 3.34	1.412
12 0.22	1.007	62 1.14	-0.821	112 2.24	-2.642	162 3.35	1.413
13 0.24	-0.865	63 1.16	-1.445	113 2.26	-1.766	163 3.38	0.914
14 0.26	-1.740	64 1.19	-0.819	114 2.27	-0.765	164 3.40	0.540
15 0.27	-1.485	65 1.21	-0.568	115 2.28	0.108	165 3.43	1.416
16 0.28	-0.238	66 1.23	0.057	116 2.30	0.484	166 3.44	0.542
17 0.29	0.635	67 1.26	1.309	117 2.33	0.236	167 3.47	-0.705
18 0.30	2.511	68 1.30	-1.688	118 2.35	0.737	168 3.49	-0.453
19 0.31	4.386	69 1.33	-0.811	119 2.39	1.114	169 3.52	0.171
20 0.32	4.387	70 1.35	0.688	120 2.42	0.240	170 3.56	0.799
21 0.34	3.262	71 1.37	0.188	121 2.45	0.242	171 3.59	0.799
22 0.35	1.388	72 1.40	-1.683	122 2.49	0.244	172 3.62	0.551
23 0.36	-1.734	73 1.41	-2.682	123 2.53	-0.127	173 3.65	0.802
24 0.38	-2.984	74 1.43	-2.682	124 2.57	-0.375	174 3.69	1.430
25 0.40	-1.233	75 1.44	-1.431	125 2.59	0.499	175 3.71	1.431
26 0.42	0.016	76 1.46	-0.180	126 2.62	0.500	176 3.76	1.433
27 0.44	0.018	77 1.48	1.319	127 2.67	-0.120	177 3.79	1.435
28 0.47	0.684	78 1.50	1.445	128 2.70	-0.118	178 3.80	1.541
29 0.49	1.020	79 1.52	-0.427	129 2.74	0.132	179 3.84	-0.041
30 0.51	0.771	80 1.54	-1.051	130 2.78	0.509	180 3.85	-0.935
31 0.53	0.397	81 1.57	-0.175	131 2.80	0.510	181 3.87	-0.434
32 0.55	-0.225	82 1.60	1.075	132 2.82	0.262	182 3.89	1.190
33 0.56	-0.476	83 1.62	-1.701	133 2.84	-0.361	183 3.91	2.441
34 0.59	0.650	84 1.65	1.077	134 2.86	-2.235	184 3.93	1.567
35 0.61	0.651	85 1.67	-1.045	135 2.87	-2.610	185 3.95	0.318
36 0.63	0.152	86 1.70	-2.043	136 2.88	-1.734	186 3.98	-0.679
37 0.66	-1.095	87 1.72	-0.542	137 2.90	-0.483	187 3.98	-1.554
38 0.67	-2.094	88 1.74	1.082	138 2.91	1.390	188 4.00	-1.052
39 0.70	-1.218	89 1.76	1.458	139 2.92	3.266	189 4.02	-0.197
40 0.72	0.656	90 1.78	-1.684	140 2.94	3.017	190 4.05	0.198
41 0.73	1.282	91 1.81	-3.038	141 2.95	1.517	191 4.08	-0.924
42 0.75	0.158	92 1.83	-1.412	142 2.97	-2.605	192 4.09	-1.298
43 0.77	-1.089	93 1.85	0.087	143 2.98	-4.729	193 4.11	-1.297
44 0.79	-0.213	94 1.86	0.715	144 3.00	-2.978	194 4.14	-1.545
45 0.81	1.661	95 1.89	0.214	145 3.02	-0.727	195 4.16	1.204
46 0.83	3.162	96 1.92	-0.783	146 3.03	0.521	196 4.20	1.206
47 0.84	3.162	97 1.94	-0.531	147 3.04	0.522	197 4.22	0.582
48 0.86	2.038	98 1.96	0.467	148 3.07	-0.160	198 4.24	0.833
49 0.87	1.039	99 1.97	0.718	149 3.09	-0.725	199 4.26	1.459
50 0.89	-1.084	100 2.00	-0.154	150 3.10	-1.348	200 4.28	2.085
201 4.31	0.761	251 5.67	1.907	301 7.18	-0.515	351 9.14	-0.184
202 4.33	0.507	252 5.71	-0.215	302 7.23	-0.512	352 9.17	1.086
203 4.35	0.589	253 5.74	-0.838	303 7.29	-0.759	353 9.21	0.213
204 4.38	-0.033	254 5.77	-0.587	304 7.33	-1.132	354 9.25	-1.658
205 4.42	-0.656	255 5.79	-0.335	305 7.38	-1.129	355 9.28	-0.406
206 4.45	-0.655	256 5.81	0.664	306 7.42	-0.252	356 9.31	-0.155
207 4.47	0.594	257 5.84	0.665	307 7.46	-0.250	357 9.34	-0.028
208 4.50	-0.652	258 5.86	-0.207	308 7.52	-1.747	358 9.37	-0.652
209 4.53	-1.650	259 5.89	-1.205	309 7.55	-1.120	359 9.40	-0.468
210 4.56	-0.399	260 5.93	0.295	310 7.59	-0.243	360 9.44	0.225
211 4.57	0.225	261 5.96	0.671	311 7.63	-0.491	361 9.47	0.227
212 4.60	0.601	262 5.98	-0.201	312 7.67	-0.739	362 9.51	0.228
213 4.63	1.238	263 6.01	-0.824	313 7.70	-0.488	363 9.55	-0.642
214 4.65	0.354	264 6.04	0.050	314 7.72	-0.237	364 9.58	-0.391
215 4.67	-0.268	265 6.07	0.677	315 7.75	-1.360	365 9.61	-0.159
216 4.70	0.607	266 6.10	0.428	316 7.78	-1.734	366 9.66	0.236
217 4.73	0.859	267 6.14	-0.568	317 7.81	-0.657	367 9.70	-0.385
218 4.76	1.234	268 6.16	0.931	318 7.85	-0.105	368 9.74	0.240
219 4.80	-0.012	269 6.19	1.058	319 7.90	-0.853	369 9.77	-0.006
220 4.83	-0.635	270 6.22	0.060	320 7.92	-0.226	370 9.82	-0.629
221 4.84	-0.884	271 6.24	0.680	321 7.95	0.398	371 9.84	-0.627
222 4.87	-1.633	272 6.27	-0.186	322 7.99	0.775	372 9.87	-0.126
223 4.90	1.867	273 6.31	-0.809	323 8.02	0.777	373 9.91	-0.999
224 4.92	1.868	274 6.37	-0.931	324 8.06	-0.094	374 9.94	-0.998
225 4.94	-0.004	275 6.41	0.689	325 8.10	-0.717	375 9.97	0.253
226 4.96	-1.503	276 6.45	0.697	326 8.14	-0.445	376 10.00	0.504
227 4.98	-1.002	277 6.48	0.072	327 8.18	-0.713	377 10.03	0.005
228 5.00	0.247	278 6.50	-0.799	328 8.24	-0.210	378 10.05	-0.366
229 5.02	0.873	279 6.53	-0.549	329 8.29	-0.457	379 10.09	0.259
230 5.04	0.000	280 6.55	0.326	330 8.32	-1.081	380 10.13	0.260
231 5.06	-1.248	281 6.58	0.953	331 8.39	-0.452	381 10.15	-0.611
232 5.07	-1.497	282 6.62	0.080	332 8.42	-0.200	382 10.20	-0.359
233 5.10	-0.621	283 6.64	0.706	333 8.46	-0.199	383 10.23	0.016
234 5.12	0.078	284 6.69	-0.165	334 8.50	0.176	384 10.27	0.268
235 5.17	0.630	285 6.71	-0.539	335 8.55	0.179	385 10.31	0.270
236 5.20	-0.241	286 6.74	-0.537	336 8.58	0.181	386 10.33	-0.352
237 5.25	-0.238	287 6.78	-0.535	337 8.61	0.607	387 10.37	-0.600
238 5.29	-0.236	288 6.81	-0.533	338 8.65	-0.689	388 10.41	-1.846
239 5.32	-0.235	289 6.85	-0.282	339 8.68	-0.430	389 10.45	-0.346
240 5.35	-0.233	290 6.88	0.718	340 8.70	-0.186	390 10.48	0.529
241 5.38	0.266	291 6.92	0.720	341 8.73	-1.060	391 10.51	0.280
242 5.41	-0.605	292 6.93	-0.152	342 8.76	-1.368	392 10.54	0.032
243 5.46	0.421	293 6.96	-0.776	343 8.76	-0.807	393 10.57	-0.340
244 5.49	0.647	294 6.98	-0.525	344 8.81	-0.805	394 10.60	-0.069
245 5.51	0.899	295 7.01	1.600	345 8.87	-0.803	395 10.63	0.286
246 5.54	0.993	296 7.04	1.551	346 8.93	0.199	396 10.66	1.530
247 5.57	0.054	297 7.07	-0.720	347 8.98	0.201	397 10.68	0.664
248 5.60	-0.239	298 7.10	-1.144	348 9.03	0.084	398 10.71	-0.958
249 5.62	0.030	299 7.13	-0.892	349 9.08	-0.667	399 10.72	-1.207
250 5.65	0.905	300 7.15	-0.266	350 9.11	-0.665	400 10.75	0.542

INDEX NO.	364	901-GR-41	P.W.R.I CHIBA	U-D	MAX.ACCEL. =	-4.729(GAL)	T =	2.98(SEC)	NO. 3
NO.	(SEC)	(GAL)							
401	10.77	1.543							
402	10.79	0.669							
403	10.81	0.046							
404	10.83	0.297							
405	10.88	0.299							
406	10.91	-0.072							
407	10.95	0.302							
408	10.98	0.929							
409	11.01	0.306							
410	11.04	-0.586							
411	11.09	-0.063							
412	11.15	-0.080							
413	11.19	-0.058							
414	11.26	-0.305							
415	11.31	0.321							
416	11.36	0.573							
417	11.42	0.701							
418	11.48	1.205							
419	11.54	0.958							
420	11.58	0.961							
421	11.63	0.587							
422	11.67	0.339							
423	11.71	1.591							
424	11.75	1.883							
425	11.80	0.970							
426	11.83	0.347							
427	11.89	1.850							
428	11.92	1.352							

Table IV D-66. Digitized Accelerations of Earthquake Record with Index Number 365

INDEX NO.	365	901-GR-41	P.W.R.I CHIBA	E-W	MAX.ACCEL. =	15.732(GAL)	f = 2.64(SEC)	NO. 1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.0	0.986	51	1.97	0.769	101	2.79	7.446
2	0.03	0.979	52	2.00	-0.112	102	2.80	6.319
3	0.06	0.723	53	2.02	-0.992	103	2.81	3.816
4	0.08	0.342	54	2.06	-2.250	104	2.83	0.886
5	0.12	-0.291	55	2.09	-3.258	105	2.84	-1.191
6	0.17	-0.552	56	2.12	-4.142	106	2.86	-2.195
7	0.21	-0.681	57	2.15	-3.898	107	2.88	-2.822
8	0.22	0.309	58	2.18	-3.656	108	2.89	-4.327
9	0.24	0.304	59	2.20	-2.035	109	2.91	-5.955
10	0.29	0.043	60	2.21	0.461	110	2.93	-6.855
11	0.32	-0.337	61	2.24	4.204	111	2.95	-6.340
12	0.36	-0.598	62	2.26	5.698	112	2.97	-4.722
13	0.39	-0.104	63	2.29	6.086	113	2.99	-2.225
14	0.42	0.512	64	2.31	5.813	114	3.00	-0.979
15	0.45	0.503	65	2.34	3.928	115	3.02	-0.108
16	0.49	-0.627	66	2.37	2.298	116	3.03	0.262
17	0.51	-0.634	67	2.38	1.669	117	3.06	0.506
18	0.55	-0.392	68	2.39	0.166	118	3.07	0.253
19	0.59	-0.491	69	2.40	-1.084	119	3.08	0.250
20	0.61	-0.656	70	2.41	-1.461	120	3.10	1.495
21	0.66	-0.168	71	2.44	-2.717	121	3.12	2.741
22	0.68	0.824	72	2.45	-2.096	122	3.13	2.737
23	0.71	0.567	73	2.46	-1.473	123	3.15	1.233
24	0.74	-0.438	74	2.47	-0.851	124	3.17	-0.019
25	0.78	-0.447	75	2.49	-0.854	125	3.19	-0.399
26	0.81	0.169	76	2.50	-2.358	126	3.21	1.093
27	0.86	0.157	77	2.52	-4.238	127	3.22	1.715
28	0.91	-0.103	78	2.53	-8.116	128	3.24	2.711
29	0.94	-0.111	79	2.54	-9.117	129	3.26	1.206
30	0.99	0.377	80	2.55	-9.744	130	3.27	0.204
31	1.03	0.367	81	2.56	-9.497	131	3.29	-1.673
32	1.08	0.480	82	2.58	-4.501	132	3.30	-3.177
33	1.12	0.095	83	2.59	1.244	133	3.32	-3.181
34	1.17	0.709	84	2.60	6.615	134	3.33	-2.934
35	1.21	0.968	85	2.61	9.489	135	3.35	-2.084
36	1.25	0.440	86	2.62	11.362	136	3.36	-1.067
37	1.30	-0.195	87	2.63	13.660	137	3.38	-0.197
38	1.35	0.292	88	2.64	15.732	138	3.40	-1.076
39	1.41	0.651	89	2.65	14.605	139	3.42	-1.081
40	1.46	0.391	90	2.66	12.102	140	3.44	-0.481
41	1.52	0.002	91	2.67	7.725	141	3.46	0.158
42	1.60	0.231	92	2.68	2.347	142	3.47	0.779
43	1.64	0.848	93	2.69	-0.528	143	3.49	1.550
44	1.68	0.337	94	2.70	-6.157	144	3.50	2.022
45	1.74	-0.069	95	2.71	-6.784	145	3.52	1.392
46	1.79	0.563	96	2.73	-5.663	146	3.54	0.512
47	1.82	0.304	97	2.74	-2.541	147	3.56	-0.740
48	1.86	-0.326	98	2.75	1.205	148	3.58	-1.121
49	1.90	-0.087	99	2.76	4.702	149	3.61	-0.502
50	1.94	0.775	100	2.78	6.823	150	3.62	-0.256

INDEX NO. 365	901-GR-41	P.W.R.I CHIBA	E-W	MAX.ACCEL. =	15.732(GAL)	T = 2.64(SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 4.49	0.529	251 5.46	-2.209	301 6.64	1.248	351 8.16	0.073
202 4.50	2.026	252 5.49	-1.340	302 6.66	0.610	352 8.19	-0.365
203 4.52	2.648	253 5.51	-0.096	303 6.70	-0.089	353 8.21	-0.308
204 4.53	1.144	254 5.53	0.096	304 6.73	-1.270	354 8.22	0.402
205 4.55	0.265	255 5.56	1.139	305 6.75	-1.276	355 8.25	0.226
206 4.56	-0.757	256 5.58	0.259	306 6.78	-0.407	356 8.29	-0.033
207 4.58	-1.367	257 5.60	-0.369	307 6.80	0.034	357 8.34	-0.671
208 4.60	-2.247	258 5.62	-1.249	308 6.84	0.626	358 8.38	-1.680
209 4.62	-2.627	259 5.64	-1.079	309 6.86	0.020	359 8.38	-1.685
210 4.64	-2.907	260 5.66	-1.384	310 6.89	1.109	360 8.40	-0.198
211 4.68	-0.517	261 5.68	0.484	311 6.93	0.929	361 8.45	0.417
212 4.71	0.725	262 5.70	1.105	312 6.96	0.921	362 8.49	0.536
213 4.74	1.718	263 5.71	2.101	313 6.98	-0.333	363 8.51	-0.093
214 4.76	2.587	264 5.73	1.222	314 7.02	0.156	364 8.53	-1.099
215 4.78	2.333	265 5.76	0.215	315 7.06	0.771	365 8.56	-0.232
216 4.79	1.706	266 5.77	-0.410	316 7.07	0.510	366 8.59	0.760
217 4.80	0.202	267 5.79	-1.041	317 7.10	-0.980	367 8.63	0.757
218 4.82	-0.800	268 5.82	-1.046	318 7.13	-1.019	368 8.67	0.748
219 4.84	-1.681	269 5.85	-0.432	319 7.15	-1.374	369 8.69	-1.758
220 4.86	-1.185	270 5.89	0.182	320 7.19	0.490	370 8.70	-2.635
221 4.88	-0.615	271 5.93	0.174	321 7.22	0.732	371 8.71	-3.641
222 4.90	-0.195	272 5.96	0.166	322 7.25	0.225	372 8.73	-3.022
223 4.91	-0.199	273 5.99	0.410	323 7.27	-0.401	373 8.75	-1.777
224 4.93	-0.202	274 6.02	0.150	324 7.29	-0.410	374 8.77	-0.535
225 4.95	-0.209	275 6.05	0.393	325 7.33	-0.419	375 8.81	-0.296
226 4.97	-0.637	276 6.07	1.012	326 7.36	0.446	376 8.85	0.068
227 4.98	-1.901	277 6.10	1.331	327 7.39	1.065	377 8.89	0.308
228 5.00	-2.095	278 6.12	1.127	328 7.41	1.059	378 8.93	0.048
229 5.01	-2.090	279 6.14	1.123	329 7.43	0.178	379 8.97	0.041
230 5.04	-0.856	280 6.16	-0.756	330 7.46	-0.627	380 9.00	0.910
231 5.05	0.389	281 6.18	-1.762	331 7.49	-1.460	381 9.02	0.652
232 5.08	1.258	282 6.20	-2.392	332 7.52	-1.466	382 9.08	0.019
233 5.09	1.005	283 6.22	-1.772	333 7.54	-1.471	383 9.13	-0.366
234 5.10	-0.246	284 6.24	-1.150	334 7.56	-0.227	384 9.16	-0.073
235 5.13	-0.502	285 6.26	-0.281	335 7.58	0.016	385 9.19	-0.387
236 5.14	-0.255	286 6.28	0.711	336 7.61	0.010	386 9.22	-0.016
237 5.16	0.614	287 6.30	0.706	337 7.63	-0.494	387 9.23	0.224
238 5.17	1.610	288 6.34	0.073	338 7.67	-1.129	388 9.26	-0.912
239 5.19	1.855	289 6.37	-0.808	339 7.70	-0.637	389 9.29	-0.669
240 5.21	2.476	290 6.40	-1.190	340 7.73	-0.019	390 9.30	0.622
241 5.22	1.973	291 6.42	-0.570	341 7.77	1.220	391 9.33	1.441
242 5.23	0.095	292 6.45	0.047	342 7.79	1.215	392 9.35	0.935
243 5.26	-1.169	293 6.47	1.291	343 7.83	0.329	393 9.42	0.303
244 5.28	-2.146	294 6.49	1.537	344 7.86	0.322	394 9.48	0.786
245 5.30	-2.420	295 6.50	1.032	345 7.92	-1.192	395 9.55	0.279
246 5.33	-1.302	296 6.53	-0.221	346 7.97	-0.329	396 9.56	-0.098
247 5.36	0.939	297 6.55	-1.478	347 8.01	-0.590		
248 5.37	1.185	298 6.57	-1.858	348 8.05	-0.350		
249 5.40	0.928	299 6.59	-0.986	349 8.09	0.514		
250 5.43	-1.202	300 6.62	0.253	350 8.13	1.506		

INDEX NO. 365	901-GR-41	P.W.R.I CHIBA	E-W	MAX.ACCEL. =	15.732(GAL)	T = 2.64(SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401 9.59	-0.981	451 10.90	-0.680	501 11.19	0.748	551 11.19	0.748
402 9.63	-0.740	452 10.93	-1.311	502 11.24	0.411	552 11.24	0.411
403 9.65	-0.495	453 10.96	-0.195	503 11.26	-0.143	553 11.26	-0.143
404 9.67	-0.126	454 10.98	0.173	504 11.32	-0.530	554 11.32	-0.530
405 9.69	0.110	455 11.00	0.419	505 11.36	-0.791	555 11.36	-0.791
406 9.72	0.111	456 11.03	-0.461	506 11.40	-0.800	556 11.40	-0.800
407 9.74	-0.143	457 11.06	-0.718	507 11.44	-1.185	557 11.44	-1.185
408 9.77	-0.399	458 11.11	1.018	508 11.46	-0.567	558 11.46	-0.567
409 9.79	-0.404	459 11.13	1.637	509 11.49	0.300	559 11.49	0.300
410 9.81	0.089	460 11.17	2.003	510 11.51	1.294	560 11.51	1.294
411 9.85	1.703	461 11.19	0.748	511 11.55	1.035	561 11.55	1.035
412 9.87	1.948	462 11.24	0.411	512 11.58	0.404	562 11.58	0.404
413 9.91	0.814	463 11.26	-0.143	513 11.61	0.097	563 11.61	0.097
414 9.93	-0.439	464 11.32	-0.530	514 11.63	1.516	564 11.63	1.516
415 9.96	0.427	465 11.36	-0.791	515 11.67	1.632	565 11.67	1.632
416 9.98	0.421	466 11.40	-0.800	516 11.71	-0.002	566 11.71	-0.002
417 10.01	-0.211	467 11.44	-1.185	517 11.74	-0.009	567 11.74	-0.009
418 10.05	-0.469	468 11.46	-0.567	518 11.80	-0.023	568 11.80	-0.023
419 10.08	-0.851	469 11.49	0.300	519 11.86	-0.037	569 11.86	-0.037
420 10.12	0.438	470 11.51	1.294	520 11.90	-0.046	570 11.90	-0.046
421 10.14	1.257	471 11.55	1.035				
422 10.16	1.002	472 11.58	0.404				
423 10.18	0.370	473 11.61	0.097				
424 10.21	0.115	474 11.63	1.516				
425 10.23	-0.514	475 11.67	1.632				
426 10.26	-0.922	476 11.71	-0.002				
427 10.29	1.219	477 11.74	-0.009				
428 10.32	1.211	478 11.80	-0.023				
429 10.34	0.958	479 11.86	-0.037				
430 10.36	0.078	480 11.90	-0.046				
431 10.39	-0.552						
432 10.42	-1.185						
433 10.45	-1.193						
434 10.47	-0.698						
435 10.49	0.294						
436 10.51	0.915						
437 10.54	0.283						
438 10.56	-0.970						
439 10.58	-1.851						
440 10.61	-1.358						
441 10.63	-0.113						
442 10.65	0.595						
443 10.67	0.876						
444 10.71	0.866						
445 10.73	0.611						
446 10.76	0.228						
447 10.79	1.096						
448 10.83	1.085						
449 10.86	0.829						
450 10.89	0.199						

Table IV D-67. Digitized Accelerations of Earthquake Record with Index Number 366

INDEX NO. 366	304-GR-20	DATE BRIDGE	LG.	MAX. ACCEL. x	9.339 (GAL)	T = 0.63 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.00	2.431	51 0.08	-5.931	101 1.75	1.046	151 2.48	6.934
2 0.03	1.007	52 0.00	-3.095	102 1.75	0.046	152 2.49	4.105
3 0.04	0.933	53 0.92	-3.020	103 1.76	-0.225	153 2.51	1.311
4 0.07	-0.064	54 0.95	-1.760	104 1.79	-0.225	154 2.52	-3.063
5 0.09	-0.313	55 0.97	-2.017	105 1.81	0.900	155 2.53	-4.561
6 0.12	-0.061	56 0.99	-1.141	106 1.82	1.526	156 2.55	-4.310
7 0.14	0.188	57 1.00	0.403	107 1.85	0.402	157 2.56	-4.000
8 0.15	-0.309	58 1.01	1.735	108 1.86	-0.046	158 2.57	-3.434
9 0.17	-1.558	59 1.03	2.734	109 1.90	0.434	159 2.58	-3.059
10 0.18	-1.933	60 1.04	2.485	110 1.89	3.155	160 2.59	-3.050
11 0.20	-1.682	61 1.06	1.611	111 1.90	3.465	161 2.62	-3.057
12 0.21	-1.306	62 1.07	1.052	112 1.92	2.530	162 2.63	-2.431
13 0.23	-1.055	63 1.09	2.737	113 1.93	0.656	163 2.65	-1.805
14 0.25	-1.554	64 1.10	3.363	114 1.95	-1.216	164 2.67	-0.929
15 0.27	-1.920	65 1.12	3.364	115 1.97	-1.649	165 2.69	0.320
16 0.29	-2.177	66 1.13	2.884	116 1.98	-1.590	166 2.70	1.946
17 0.30	-2.177	67 1.15	2.243	117 1.99	-1.638	167 2.71	1.946
18 0.32	-1.926	68 1.16	1.666	118 2.02	-3.088	168 2.73	-0.176
19 0.33	-1.925	69 1.18	1.242	119 2.03	-3.712	169 2.75	-1.800
20 0.35	-1.924	70 1.20	0.993	120 2.04	-3.711	170 2.77	-2.424
21 0.37	-1.923	71 1.22	-0.629	121 2.05	-3.086	171 2.78	-0.924
22 0.39	-1.922	72 1.25	-1.077	122 2.06	-1.035	172 2.79	2.576
23 0.41	-1.921	73 1.26	-1.001	123 2.07	1.914	173 2.81	3.826
24 0.43	-1.205	74 1.30	0.400	124 2.09	4.059	174 2.82	3.827
25 0.44	-1.294	75 1.34	0.875	125 2.10	4.040	175 2.83	3.577
26 0.46	-1.293	76 1.35	1.251	126 2.12	0.666	176 2.84	2.578
27 0.48	-0.417	77 1.37	2.127	127 2.14	-1.206	177 2.86	0.979
28 0.50	0.632	78 1.39	0.378	128 2.15	-1.031	178 2.87	-1.419
29 0.51	3.708	79 1.41	-0.069	129 2.16	-1.580	179 2.88	-2.418
30 0.54	3.709	80 1.42	-1.493	130 2.17	-0.580	180 2.89	-3.043
31 0.59	3.710	81 1.44	-0.617	131 2.19	0.044	181 2.90	-2.167
32 0.59	3.710	82 1.45	0.256	132 2.20	0.045	182 2.91	2.207
33 0.58	4.336	83 1.46	1.507	133 2.21	0.046	183 2.93	3.208
34 0.60	7.462	84 1.49	0.535	134 2.23	0.671	184 2.95	2.353
35 0.61	6.964	85 1.50	-0.259	135 2.24	1.547	185 2.96	-1.418
36 0.63	9.359	86 1.51	-1.489	136 2.26	1.923	186 2.98	-2.663
37 0.65	7.840	87 1.53	-2.738	137 2.27	-0.625	187 3.00	-1.162
38 0.66	5.965	88 1.54	-3.987	138 2.28	-3.699	188 3.01	0.337
39 0.67	4.241	89 1.55	-3.987	139 2.30	-5.323	189 3.04	-0.160
40 0.69	2.642	90 1.57	-3.111	140 2.31	-4.448	190 3.05	-1.784
41 0.70	2.217	91 1.59	-2.235	141 2.32	-2.322	191 3.07	-4.533
42 0.72	1.593	92 1.62	-2.108	142 2.34	0.553	192 3.10	-4.007
43 0.73	0.969	93 1.63	-2.403	143 2.37	-1.570	193 3.11	-4.281
44 0.75	-1.278	94 1.64	-2.732	144 2.38	-3.194	194 3.13	-1.530
45 0.76	-4.027	95 1.65	-2.481	145 2.40	-3.193	195 3.14	4.094
46 0.78	-7.020	96 1.67	-1.231	146 2.41	-1.993	196 3.15	6.344
47 0.81	-8.275	97 1.68	0.693	147 2.42	2.056	197 3.17	6.095
48 0.83	-8.524	98 1.69	2.519	148 2.43	3.807	198 3.19	3.221
49 0.85	-8.023	99 1.70	2.769	149 2.44	6.308	199 3.20	-4.901
50 0.86	-6.772	100 1.72	2.270	150 2.46	7.559	200 3.22	-5.651
INDEX NO. 366	304-GR-20	DATE BRIDGE	LG.	MAX. ACCEL. x	9.339 (GAL)	T = 0.63 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 3.23	-1.900	251 4.09	3.510	301 4.82	-4.443	351 5.56	0.218
202 3.24	0.600	252 4.10	3.694	302 4.83	-4.192	352 5.57	1.094
203 3.26	1.975	253 4.11	3.684	303 4.84	-3.317	353 5.58	0.220
204 3.29	-2.647	254 4.13	2.020	304 4.86	-1.066	354 5.61	-0.402
205 3.30	-4.271	255 4.15	-2.977	305 4.88	0.183	355 5.62	-0.152
206 3.33	2.228	256 4.16	-5.851	306 4.89	-0.064	356 5.64	0.472
207 3.34	6.354	257 4.17	-6.851	307 4.91	-0.438	357 5.66	1.723
208 3.36	7.855	258 4.19	-5.600	308 4.93	-0.438	358 5.67	2.724
209 3.37	7.605	259 4.21	-1.234	309 4.94	-0.438	359 5.68	2.975
210 3.39	3.231	260 4.22	2.650	310 4.96	0.188	360 5.70	2.726
211 3.41	-1.391	261 4.23	3.525	311 4.97	0.813	361 5.73	1.477
212 3.42	-3.265	262 4.25	2.026	312 4.98	1.063	362 5.74	1.478
213 3.44	-2.764	263 4.26	-0.471	313 4.99	1.084	363 5.76	2.353
214 3.46	0.735	264 4.28	-1.346	314 5.00	-1.368	364 5.77	1.854
215 3.48	1.986	265 4.29	-0.470	315 5.02	-2.557	365 5.78	0.230
216 3.49	2.662	266 4.30	1.029	316 5.03	-2.557	366 5.79	-1.016
217 3.51	3.486	267 4.32	0.155	317 5.05	-1.431	367 5.81	-2.517
218 3.52	2.363	268 4.33	-1.967	318 5.06	1.067	368 5.82	-2.891
219 3.54	-3.008	269 4.35	-2.592	319 5.07	2.943	369 5.83	-2.641
220 3.55	-4.683	270 4.36	-2.591	320 5.08	2.944	370 5.85	-2.015
221 3.57	-4.082	271 4.38	-1.715	321 5.10	1.819	371 5.86	-1.389
222 3.59	-4.006	272 4.40	-0.214	322 5.12	-0.053	372 5.88	-1.388
223 3.60	-3.631	273 4.41	0.159	323 5.13	-0.677	373 5.90	-2.887
224 3.61	-4.255	274 4.42	-0.088	324 5.14	-1.301	374 5.91	-3.762
225 3.63	-0.879	275 4.44	-1.087	325 5.16	-1.925	375 5.93	-4.136
226 3.65	-6.003	276 4.45	-1.712	326 5.17	-2.300	376 5.94	-3.266
227 3.67	-2.502	277 4.46	-1.961	327 5.19	-2.549	377 5.95	-1.009
228 3.68	-0.627	278 4.47	-2.336	328 5.20	-2.548	378 5.97	0.489
229 3.70	0.873	279 4.49	-1.085	329 5.22	-0.172	379 5.99	0.865
230 3.71	1.496	280 4.50	-1.084	330 5.25	-0.171	380 6.00	0.865
231 3.72	2.624	281 4.52	-1.333	331 5.27	-0.170	381 6.02	0.867
232 3.74	4.125	282 4.53	-1.332	332 5.29	1.724	382 6.04	2.119
233 3.76	3.251	283 4.55	0.792	333 5.30	2.955	383 6.05	2.094
234 3.78	-1.745	284 4.56	1.668	334 5.31	3.581	384 6.07	3.994
235 3.80	-0.670	285 4.58	1.168	335 5.33	1.632	385 6.09	3.745
236 3.82	0.379	286 4.59	-0.454	336 5.35	-0.041	386 6.11	2.122
237 3.83	1.004	287 4.60	-2.329	337 5.36	-1.065	387 6.12	0.873
238 3.85	-0.492	288 4.61	-2.328	338 5.37	-2.289	388 6.13	-0.625
239 3.87	-1.117	289 4.62	-1.453	339 5.39	-2.289	389 6.14	-1.625
240 3.88	-1.741	290 4.64	2.296	340 5.41	-2.538	390 6.16	-0.749
241 3.92	-1.114	291 4.66	3.297	341 5.42	-2.537	391 6.17	0.500
242 3.93	-1.113	292 4.68	2.423	342 5.43	-2.536	392 6.18	1.125
243 3.95	-0.687	293 4.69	0.799	343 5.46	2.080	393 6.19	1.751
244 3.98	-1.734	294 4.70	-1.073	344 5.48	3.964	394 6.21	1.501
245 4.00	-2.360	295 4.73	-0.822	345 5.49	2.465	395 6.22	0.877
246 4.01	-2.639	296 4.74	1.676	346 5.50	-3.033	396 6.23	-0.620
247 4.03	-2.985	297 4.76	3.928	347 5.51	-2.532	397 6.25	-1.245
248 4.04	-2.550	298 4.78	3.393	348 5.52	-4.406	398 6.26	-0.744
249 4.25	0.141	299 4.79	-0.694	349 5.54	-4.156	399 6.27	0.880
250 4.26	2.257	300 4.81	-3.193	350 5.55	-1.030	400 6.29	0.881

INDEX NO. 366	304-GK-20	DATE BRIDGE	LG.	MAX. ACCEL. +	9.339(GAL)	T = 0.63(SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
401	0.31	451	7.28	501	8.21	551	9.14
402	0.32	452	7.28	502	8.22	552	9.16
403	0.34	453	7.31	503	8.24	553	9.18
404	0.35	454	7.35	504	8.26	554	9.21
405	0.36	455	7.37	505	8.27	555	9.25
406	0.37	456	7.39	506	8.29	556	9.27
407	0.38	457	7.41	507	8.32	557	9.28
408	0.40	458	7.43	508	8.34	558	9.30
409	0.41	459	7.45	509	8.37	559	9.32
410	0.42	460	7.47	510	8.39	560	9.34
411	0.43	461	7.49	511	8.41	561	9.37
412	0.45	462	7.50	512	8.43	562	9.39
413	0.46	463	7.52	513	8.45	563	9.41
414	0.49	464	7.54	514	8.46	564	9.43
415	0.51	465	7.55	515	8.49	565	9.45
416	0.53	466	7.58	516	8.50	566	9.48
417	0.54	467	7.59	517	8.51	567	9.50
418	0.57	468	7.61	518	8.53	568	9.52
419	0.58	469	7.63	519	8.55	569	9.53
420	0.60	470	7.64	520	8.57	570	9.55
421	0.62	471	7.66	521	8.59	571	9.61
422	0.64	472	7.68	522	8.61	572	9.64
423	0.66	473	7.69	523	8.62	573	9.67
424	0.68	474	7.71	524	8.64	574	9.69
425	0.70	475	7.73	525	8.67	575	9.70
426	0.72	476	7.75	526	8.68	576	9.72
427	0.74	477	7.78	527	8.70	577	9.74
428	0.76	478	7.81	528	8.71	578	9.76
429	0.78	479	7.84	529	8.73	579	9.79
430	0.80	480	7.86	530	8.74	580	9.81
431	0.81	481	7.88	531	8.75	581	9.82
432	0.83	482	7.89	532	8.79	582	9.84
433	0.84	483	7.91	533	8.80	583	9.89
434	0.86	484	7.93	534	8.83	584	9.90
435	0.88	485	7.94	535	8.85	585	9.93
436	0.91	486	7.95	536	8.87	586	9.95
437	0.93	487	7.97	537	8.89	587	9.96
438	0.96	488	7.99	538	8.91		
439	0.98	489	8.00	539	8.93		
440	1.01	490	8.02	540	8.95		
441	1.03	491	8.03	541	8.97		
442	1.04	492	8.05	542	8.99		
443	1.07	493	8.07	543	9.00		
444	1.08	494	8.09	544	9.02		
445	1.11	495	8.11	545	9.03		
446	1.13	496	8.12	546	9.05		
447	1.16	497	8.14	547	9.06		
448	1.18	498	8.16	548	9.07		
449	1.20	499	8.18	549	9.10		
450	1.22	500	8.19	550	9.12		

Table IV D-68. Digitized Accelerations of Earthquake Record with Index Number 367

INDEX NO. 367	304-GK-20	DATE BRIDGE	U-D	MAX. ACCEL. +	2.009(GAL)	T = 2.89(SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1	0.00	51	1.32	101	2.71	151	4.04
2	0.05	52	1.36	102	2.75	152	4.07
3	0.09	53	1.38	103	2.78	153	4.10
4	0.12	54	1.40	104	2.81	154	4.12
5	0.14	55	1.43	105	2.83	155	4.15
6	0.17	56	1.46	106	2.85	156	4.18
7	0.19	57	1.48	107	2.86	157	4.20
8	0.20	58	1.51	108	2.89	158	4.23
9	0.22	59	1.55	109	2.92	159	4.25
10	0.24	60	1.58	110	2.93	160	4.28
11	0.26	61	1.60	111	2.96	161	4.30
12	0.29	62	1.63	112	2.97	162	4.33
13	0.31	63	1.66	113	3.01	163	4.34
14	0.33	64	1.68	114	3.05	164	4.37
15	0.35	65	1.70	115	3.07	165	4.39
16	0.38	66	1.73	116	3.10	166	4.42
17	0.39	67	1.76	117	3.14	167	4.44
18	0.40	68	1.80	118	3.15	168	4.45
19	0.42	69	1.82	119	3.18	169	4.47
20	0.44	70	1.86	120	3.20	170	4.49
21	0.46	71	1.88	121	3.23	171	4.52
22	0.48	72	1.92	122	3.26	172	4.55
23	0.50	73	1.95	123	3.27	173	4.57
24	0.52	74	1.97	124	3.31	174	4.61
25	0.54	75	2.00	125	3.32	175	4.64
26	0.57	76	2.02	126	3.34	176	4.67
27	0.59	77	2.05	127	3.37	177	4.70
28	0.61	78	2.07	128	3.39	178	4.73
29	0.65	79	2.09	129	3.42	179	4.76
30	0.68	80	2.14	130	3.45	180	4.78
31	0.71	81	2.17	131	3.47	181	4.80
32	0.74	82	2.21	132	3.51	182	4.83
33	0.78	83	2.23	133	3.53	183	4.86
34	0.79	84	2.26	134	3.56	184	4.89
35	0.83	85	2.28	135	3.59	185	4.93
36	0.85	86	2.31	136	3.62	186	4.94
37	0.88	87	2.34	137	3.65	187	4.97
38	0.91	88	2.37	138	3.66	188	5.00
39	0.94	89	2.39	139	3.69	189	5.03
40	0.98	90	2.42	140	3.73	190	5.04
41	1.00	91	2.45	141	3.78	191	5.07
42	1.03	92	2.47	142	3.81	192	5.10
43	1.05	93	2.50	143	3.84	193	5.13
44	1.09	94	2.52	144	3.87	194	5.17
45	1.12	95	2.55	145	3.90	195	5.21
46	1.15	96	2.59	146	3.92	196	5.25
47	1.18	97	2.62	147	3.95	197	5.29
48	1.22	98	2.64	148	3.98	198	5.33
49	1.25	99	2.68	149	4.02	199	5.35
50	1.30	100	2.69	150	4.02	200	5.39

INDEX NO.	357	354-GR-20	DATE BRIDGE	TR.	MAX. ACCEL. *	7.431 (GAL)	T* 1.11 (SEC)	NO. 2
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	5.442	1.473	251	7.22	0.952	301	9.12	0.183
202	5.447	1.473	252	7.22	0.951	302	9.14	-0.189
203	5.447	1.473	253	7.22	0.952	303	9.17	-0.438
204	5.457	1.473	254	7.23	0.952	304	9.20	-0.438
205	5.457	1.473	255	7.23	0.952	305	9.23	0.439
206	5.457	1.473	256	7.23	0.952	306	9.26	0.441
207	5.457	1.473	257	7.23	0.952	307	9.29	0.444
208	5.457	1.473	258	7.23	0.952	308	9.32	-0.178
209	5.457	1.473	259	7.23	0.952	309	9.35	0.073
210	5.457	1.473	260	7.23	0.952	310	9.38	0.430
211	5.477	0.952	261	7.25	-0.283	311	9.41	0.183
212	5.477	0.952	262	7.25	-0.283	312	9.44	-0.189
213	5.477	0.952	263	7.25	0.957	313	9.47	-0.438
214	5.477	0.952	264	7.25	0.718	314	9.50	-0.438
215	5.477	0.952	265	7.25	0.095	315	9.53	0.439
216	5.477	0.952	266	7.25	0.097	316	9.56	0.441
217	5.477	0.952	267	7.25	0.400	317	9.59	0.444
218	5.477	0.952	268	7.25	0.690	318	9.62	-0.178
219	5.477	0.952	269	7.25	0.351	319	9.65	0.073
220	6.00	-0.345	270	7.54	-0.269	320	9.67	0.076
221	6.01	-0.971	271	7.60	-0.517	321	9.51	0.453
222	6.03	-1.220	272	7.65	-0.514	322	9.54	0.454
223	6.05	-0.719	273	7.70	-0.637	323	9.57	-0.417
224	6.07	-0.693	274	7.74	-0.250	324	9.59	-0.416
225	6.11	-0.341	275	7.77	0.365	325	9.62	-0.415
226	6.14	-0.339	276	7.80	0.367	326	9.64	0.459
227	6.17	-0.334	277	7.83	0.618	327	9.67	0.211
228	6.20	-0.335	278	7.87	-0.003	328	9.72	-0.160
229	6.22	0.208	279	7.89	0.371	329	9.75	0.090
230	6.26	0.914	280	7.92	0.373	330	9.79	-0.156
231	6.28	0.665	281	7.96	-0.248	331	9.82	-0.155
232	6.31	0.292	282	7.99	-0.496	332	9.85	0.095
233	6.34	-0.429	283	8.03	-0.495	333	9.89	0.097
234	6.37	-0.576	284	8.07	-0.242	334	9.93	0.475
235	6.39	-1.202	285	8.11	0.008			
236	6.42	-0.703	286	8.14	0.309			
237	6.45	-0.324	287	8.22	-0.235			
238	6.49	-0.072	288	8.25	-0.234			
239	6.55	0.554	289	8.28	-0.232			
240	6.59	0.556	290	8.32	-0.480			
241	6.63	0.558	291	8.34	-0.479			
242	6.66	0.309	292	8.37	-0.478			
243	6.68	0.311	293	8.40	0.022			
244	6.72	0.313	294	8.45	0.349			
245	6.75	0.314	295	8.49	0.651			
246	6.79	-0.557	296	8.55	0.155			
247	6.80	-0.556	297	8.59	0.157			
248	6.85	-0.304	298	8.62	0.408			
249	6.88	-0.320	299	8.63	0.660			
250	6.91	0.322	300	8.67	0.411			

Table IV D-69. Digitized Accelerations of Earthquake Record with Index Number 368

INDEX NO.	368	304-GR-20	DATE BRIDGE	TR.	MAX. ACCEL. *	7.431 (GAL)	T* 1.11 (SEC)	NO. 1			
N.O.	(SEC)	(GAL)	N.O.	(SEC)	(GAL)	(GAL)	N.O.	(SEC)	(GAL)		
1	0.0	0.840	51	0.99	-0.077	101	1.90	-1.504	151	2.82	-2.055
2	0.02	1.467	52	1.01	-0.326	102	1.93	-1.251	152	2.84	1.070
3	0.04	1.219	53	1.02	-0.950	103	1.95	-0.875	153	2.86	3.571
4	0.07	1.221	54	1.03	-1.574	104	1.97	-0.873	154	2.87	3.622
5	0.08	1.222	55	1.05	-1.323	105	1.99	-1.747	155	2.89	3.623
6	0.10	1.473	56	1.07	3.427	106	2.00	-3.372	156	2.90	2.325
7	0.11	0.850	57	1.09	5.303	107	2.02	-4.245	157	2.92	0.826
8	0.13	-0.647	58	1.10	6.804	108	2.04	-3.993	158	2.94	1.704
9	0.14	-1.271	59	1.11	7.431	109	2.05	-3.742	159	2.95	1.704
10	0.16	-2.269	60	1.14	6.557	110	2.07	-2.740	160	2.98	0.831
11	2.10	-2.093	61	1.15	5.058	111	2.09	-2.489	161	3.00	0.708
12	2.20	-2.091	62	1.16	0.685	112	2.10	0.385	162	3.02	0.459
13	2.22	-2.090	63	1.17	-2.438	113	2.11	1.636	163	3.05	-0.786
14	2.27	-3.886	64	1.20	-2.811	114	2.13	2.887	164	3.08	-1.034
15	2.28	-5.510	65	1.21	-2.185	115	2.17	1.016	165	3.11	-0.531
16	2.31	-2.635	66	1.22	-1.309	116	2.19	2.268	166	3.15	-0.528
17	2.33	-1.381	67	1.23	1.191	117	2.21	1.394	167	3.18	-0.151
18	2.35	-0.380	68	1.26	0.692	118	2.23	0.771	168	3.20	0.726
19	2.37	0.495	69	1.27	-0.929	119	2.26	1.023	169	3.23	1.103
20	2.38	1.121	70	1.29	-2.177	120	2.28	1.025	170	3.25	0.855
21	2.40	1.498	71	1.33	-2.175	121	2.31	1.027	171	3.27	-0.391
22	2.42	1.749	72	1.34	-1.549	122	2.33	2.905	172	3.30	-2.263
23	2.45	2.127	73	1.35	-0.924	123	2.35	3.155	173	3.32	1.363
24	2.46	2.378	74	1.37	-0.922	124	2.37	2.282	174	3.33	0.496
25	2.49	3.005	75	1.38	-1.546	125	2.39	0.410	175	3.36	-0.512
26	2.51	3.382	76	1.40	-2.794	126	2.40	-0.838	176	3.38	1.363
27	2.53	3.383	77	1.43	-1.917	127	2.44	-3.335	177	3.39	2.614
28	2.55	3.135	78	1.45	-0.665	128	2.45	-2.460	178	3.41	3.866
29	2.57	2.512	79	1.47	-0.039	129	2.47	-0.583	179	3.42	2.742
30	2.60	0.639	80	1.49	0.506	130	2.48	1.292	180	3.45	1.494
31	2.63	-0.502	81	1.51	0.508	131	2.51	0.418	181	3.46	-1.002
32	2.64	-1.231	82	1.53	-0.284	132	2.52	-1.079	182	3.49	-2.251
33	2.66	-1.604	83	1.54	-2.407	133	2.53	-2.953	183	3.50	-0.748
34	2.68	-1.352	84	1.56	-5.031	134	2.55	-3.952	184	3.53	-0.496
35	2.70	-1.351	85	1.58	-1.530	135	2.56	-3.326	185	3.54	-0.495
36	2.71	-1.350	86	1.61	0.596	136	2.59	-2.948	186	3.58	-0.495
37	2.73	-1.599	87	1.63	1.222	137	2.61	-2.697	187	3.58	0.007
38	2.75	-1.647	88	1.64	1.598	138	2.62	-2.071	188	3.60	0.009
39	2.77	-2.229	89	1.66	1.850	139	2.64	-0.820	189	3.61	
40	2.79	-1.669	90	1.68	1.602	140	2.65	0.430	190	3.63	
41	2.82	-1.341	91	1.71	0.979	141	2.67	1.681	191	3.64	-0.488
42	2.85	-0.339	92	1.73	1.230	142	2.68	2.557	192	3.66	0.237
43	2.86	-0.688	93	1.74	2.481	143	2.69	3.183	193	3.67	1.139
44	2.88	-0.336	94	1.77	1.800	144	2.71	3.185	194	3.69	0.890
45	2.89	-1.210	95	1.80	2.681	145	2.72	2.310	195	3.71	0.267
46	2.91	-2.209	96	1.82	1.612	146	2.74	1.061	196	3.72	0.268
47	2.92	-3.707	97	1.83	0.364	147	2.75	-0.810	197	3.74	0.521
48	2.94	-3.206	98	1.85	-1.508	148	2.76	-1.434	198	3.76	0.271
49	2.95	-2.205	99	1.86	-2.382	149	2.79	-1.432	199	3.78	-1.601
50	2.97	-0.329	100	1.88	-1.880	150	2.81	-1.681	200	3.79	-1.601

INDEX NO.	368	304-GR-20	DATE BRIDGE	TR.	MAX. ACCEL. ±	7.431 (GAL)	T = 1.11 (SEC)	NO. 2
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
201	5.71	-3.77	251	4.77	-0.021	301	5.76	0.055
202	5.73	-3.224	252	4.80	0.053	302	5.79	-0.190
203	5.75	-1.347	253	4.82	1.230	303	5.83	-0.563
204	5.77	-1.347	254	4.85	-0.017	304	5.85	-0.810
205	5.79	-3.454	255	4.86	-1.515	305	5.88	-0.009
206	5.81	-1.341	256	4.88	-2.768	306	5.89	0.968
207	5.83	-1.337	257	4.89	-3.138	307	5.90	0.041
208	5.85	-2.237	258	4.91	-1.087	308	5.93	2.819
209	5.87	1.151	259	4.92	-0.011	309	5.97	1.072
210	5.89	1.161	260	4.93	1.053	310	6.00	2.199
211	6.01	1.155	261	4.95	2.745	311	6.04	1.320
212	6.05	1.167	262	4.93	2.242	312	6.07	1.330
213	6.07	2.044	263	5.00	1.059	313	6.11	-0.540
214	6.09	1.345	264	5.02	1.246	314	6.14	0.085
215	6.11	2.223	265	5.04	1.497	315	6.18	-1.784
216	6.14	1.557	266	5.06	0.623	316	6.22	-0.906
217	6.15	0.361	267	5.08	-1.073	317	6.25	-0.904
218	6.17	-0.120	268	5.09	-2.747	318	6.29	-1.151
219	6.19	-0.674	269	5.11	-1.245	319	6.33	-1.398
220	6.21	-3.642	270	5.14	1.505	320	6.36	-1.520
221	6.23	3.557	271	5.15	2.756	321	6.40	0.356
222	6.25	1.434	272	5.17	2.508	322	6.43	2.233
223	6.26	2.605	273	5.19	1.009	323	6.46	2.069
224	6.28	0.936	274	5.20	-0.238	324	6.48	2.862
225	6.29	-0.935	275	5.21	-0.862	325	6.52	2.355
226	6.31	-3.188	276	5.24	-0.610	326	6.55	1.992
227	6.33	-4.058	277	5.26	-0.245	327	6.57	1.369
228	6.35	-4.431	278	5.27	0.266	328	6.60	0.121
229	6.37	-3.554	279	5.29	-0.231	329	6.62	-0.756
230	6.39	-2.553	280	5.31	-1.229	330	6.64	-1.499
231	6.40	-0.677	281	5.33	-0.978	331	6.67	-0.496
232	6.41	2.072	282	5.34	0.896	332	6.70	-2.610
233	6.43	4.323	283	5.36	2.523	333	6.72	-2.117
234	6.45	4.575	284	5.37	2.774	334	6.75	-1.490
235	6.47	2.201	285	5.39	2.275	335	6.79	-1.736
236	6.48	0.578	286	5.41	1.652	336	6.81	-1.110
237	6.51	0.329	287	5.44	1.029	337	6.83	-0.483
238	6.53	0.581	288	5.47	0.407	338	6.85	-0.231
239	6.54	0.582	289	5.50	0.410	339	6.88	-1.355
240	6.56	1.459	290	5.52	1.286	340	6.90	-1.103
241	6.58	2.710	291	5.54	2.162	341	6.91	-1.352
242	6.59	2.036	292	5.56	2.164	342	6.93	-2.350
243	6.62	1.213	293	5.59	0.686	343	6.95	-2.349
244	6.64	0.340	294	5.61	-1.455	344	6.97	-0.472
245	6.66	-0.281	295	5.62	-2.454	345	6.99	1.027
246	6.69	0.594	296	5.65	-2.202	346	7.00	2.028
247	6.71	1.471	297	5.68	-2.199	347	7.02	2.655
248	6.74	0.973	298	5.70	-1.573	348	7.03	2.030
249	6.76	-0.273	299	5.73	-0.946	349	7.04	1.156
250	6.78	-0.897	300	5.75	0.054	350	7.06	0.533
351	7.07	0.424	351	7.07	0.424	351	7.07	0.424
352	7.09	0.410	352	7.09	0.410	352	7.09	0.410
353	7.11	1.037	353	7.11	1.037	353	7.11	1.037
354	7.13	0.789	354	7.13	0.789	354	7.13	0.789
355	7.15	0.165	355	7.15	0.165	355	7.15	0.165
356	7.16	0.791	356	7.16	0.791	356	7.16	0.791
357	7.18	1.417	357	7.18	1.417	357	7.18	1.417
358	7.19	2.044	358	7.19	2.044	358	7.19	2.044
359	7.21	2.045	359	7.21	2.045	359	7.21	2.045
360	7.22	1.171	360	7.22	1.171	360	7.22	1.171
361	7.24	0.172	361	7.24	0.172	361	7.24	0.172
362	7.26	0.424	362	7.26	0.424	362	7.26	0.424
363	7.29	1.676	363	7.29	1.676	363	7.29	1.676
364	7.30	1.427	364	7.30	1.427	364	7.30	1.427
365	7.31	-0.445	365	7.31	-0.445	365	7.31	-0.445
366	7.33	-1.694	366	7.33	-1.694	366	7.33	-1.694
367	7.35	-1.692	367	7.35	-1.692	367	7.35	-1.692
368	7.37	-1.085	368	7.37	-1.085	368	7.37	-1.085
369	7.40	-1.313	369	7.40	-1.313	369	7.40	-1.313
370	7.43	-1.685	370	7.43	-1.685	370	7.43	-1.685
371	7.45	-1.934	371	7.45	-1.934	371	7.45	-1.934
372	7.49	-2.306	372	7.49	-2.306	372	7.49	-2.306
373	7.52	-2.053	373	7.52	-2.053	373	7.52	-2.053
374	7.54	-1.676	374	7.54	-1.676	374	7.54	-1.676
375	7.56	-0.800	375	7.56	-0.800	375	7.56	-0.800
376	7.58	1.075	376	7.58	1.075	376	7.58	1.075
377	7.60	1.452	377	7.60	1.452	377	7.60	1.452
378	7.63	1.204	378	7.63	1.204	378	7.63	1.204
379	7.65	0.831	379	7.65	0.831	379	7.65	0.831
380	7.67	0.632	380	7.67	0.632	380	7.67	0.632
381	7.69	1.459	381	7.69	1.459	381	7.69	1.459
382	7.71	1.210	382	7.71	1.210	382	7.71	1.210
383	7.73	-0.036	383	7.73	-0.036	383	7.73	-0.036
384	7.75	-0.660	384	7.75	-0.660	384	7.75	-0.660
385	7.78	0.466	385	7.78	0.466	385	7.78	0.466
386	7.81	0.843	386	7.81	0.843	386	7.81	0.843
387	7.83	0.505	387	7.83	0.505	387	7.83	0.505
388	7.86	-0.401	388	7.86	-0.401	388	7.86	-0.401
389	7.88	-1.649	389	7.88	-1.649	389	7.88	-1.649
390	7.91	-1.897	390	7.91	-1.897	390	7.91	-1.897
391	7.93	-1.895	391	7.93	-1.895	391	7.93	-1.895
392	7.97	-0.142	392	7.97	-0.142	392	7.97	-0.142
393	7.98	1.107	393	7.98	1.107	393	7.98	1.107
394	8.00	1.734	394	8.00	1.734	394	8.00	1.734
395	8.02	1.235	395	8.02	1.235	395	8.02	1.235
396	8.04	-1.011	396	8.04	-1.011	396	8.04	-1.011
397	8.07	-1.259	397	8.07	-1.259	397	8.07	-1.259
398	8.09	-0.383	398	8.09	-0.383	398	8.09	-0.383
399	8.11	0.493	399	8.11	0.493	399	8.11	0.493
400	8.12	0.493	400	8.12	0.493	400	8.12	0.493

INDEX NO.	368	304-GR-20	DATE BRIDGE	TR.	MAX. ACCEL. ±	7.431 (GAL)	T = 1.11 (SEC)	NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	8.15	0.870	451	9.43	0.348	401	8.15	0.870
402	8.17	0.623	452	9.45	0.100	402	8.17	0.623
403	8.19	0.249	453	9.48	-0.521	403	8.19	0.249
404	8.22	0.002	454	9.50	-0.519	404	8.22	0.002
405	8.25	-0.994	455	9.52	-0.518	405	8.25	-0.994
406	8.27	-1.243	456	9.55	-0.015	406	8.27	-1.243
407	8.30	-0.115	457	9.58	-0.013	407	8.30	-0.115
408	8.32	0.085	458	9.60	-0.012	408	8.32	0.085
409	8.35	1.512	459	9.63	0.614	409	8.35	1.512
410	8.37	0.638	460	9.65	1.616	410	8.37	0.638
411	8.39	-1.608	461	9.69	0.366	411	8.39	-1.608
412	8.41	-2.481	462	9.70	0.119	412	8.41	-2.481
413	8.45	-1.353	463	9.73	0.122	413	8.45	-1.353
414	8.47	-0.726	464	9.75	0.373	414	8.47	-0.726
415	8.52	0.275	465	9.78	0.625	415	8.52	0.275
416	8.55	1.152	466	9.80	-0.496	416	8.55	1.152
417	8.57	1.529	467	9.81	-1.120	417	8.57	1.529
418	8.59	0.281	468	9.83	-0.868	418	8.59	0.281
419	8.61	-0.341	469	9.86	0.007	419	8.61	-0.341
420	8.65	-0.087	470	9.89	0.635	420	8.65	-0.087
421	8.68	0.288	471	9.92	-0.237	421	8.68	0.288
422	8.70	0.293	472	9.93	-0.860	422	8.70	0.293
423	8.74	0.918	473	9.95	-1.484	423	8.74	0.918
424	8.77	0.045	474	9.96	-1.733	424	8.77	0.045
425	8.80	-1.201				425	8.80	-1.201
426	8.81	-2.199				426	8.81	-2.199
427	8.83	-0.323				427	8.83	-0.323
428	8.85	0.302				428	8.85	0.302
429	8.86	0.552				429	8.86	0.552
430	8.89	-0.318				430	8.89	-0.318
431	8.91	-0.316				431	8.91	-0.316
432	8.93	-0.315				432	8.93	-0.315
433	8.94	-0.310				433	8.94	-0.310
434	8.98	0.950				434	8.98	0.950
435	9.02	0.315				435	9.02	0.315
436	9.04	-0.556				436	9.04	-0.556
437	9.07	-0.928				437	9.07	-0.928
438	9.09	0.927				438	9.09	0.927
439	9.12	-0.049				439	9.12	-0.049
440	9.15	0.576				440	9.15	0.576
441	9.17	-0.546				441	9.17	-0.546
442	9.20	-1.169				442	9.20	-1.169

Table IV D-70. Digitized Accelerations of Earthquake Record with Index Number 369

INDEX NO. 369	907-GR-36	TAIRA BRIDGE	TR.	MAX. ACCEL. ±	9.592 (GAL)	T = 2.02 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	0.022	51 1.08	-0.072	101 2.02	9.592	151 (SEC)	(GAL)
2 0.03	-1.478	52 1.10	2.049	102 2.03	9.591	152 2.93	2.806
3 0.05	-1.230	53 1.13	3.671	103 2.05	0.464	153 2.96	2.633
4 0.09	-0.359	54 1.15	3.919	104 2.07	7.214	154 2.99	2.631
5 0.12	0.262	55 1.18	3.917	105 2.08	5.962	155 3.02	2.078
6 0.14	0.260	56 1.20	3.915	106 2.10	3.711	156 3.05	2.076
7 0.16	0.258	57 1.24	3.662	107 2.11	2.210	157 3.07	3.124
8 0.17	0.007	58 1.26	2.410	108 2.12	0.504	158 3.09	2.072
9 0.21	1.504	59 1.28	1.533	109 2.14	-0.416	159 3.11	1.370
10 0.24	2.125	60 1.30	0.281	110 2.16	-1.418	160 3.14	-1.755
11 0.26	2.124	61 1.31	-0.968	111 2.18	-2.295	161 3.15	-2.381
12 0.29	2.246	62 1.34	-0.970	112 2.19	-2.921	162 3.17	-2.383
13 0.32	1.244	63 1.35	-0.722	113 2.21	-3.922	163 3.18	-2.134
14 0.33	0.617	64 1.37	-0.973	114 2.23	-4.549	164 3.20	-2.136
15 0.36	-0.258	65 1.39	-2.224	115 2.24	-5.175	165 3.21	-2.137
16 0.38	-0.885	66 1.40	-4.727	116 2.26	-5.177	166 3.22	-2.138
17 0.41	-1.262	67 1.42	-5.352	117 2.28	-3.670	167 3.24	-1.265
18 0.43	-1.014	68 1.43	-6.603	118 2.29	-3.505	168 3.26	-0.266
19 0.46	-0.392	69 1.45	-6.730	119 2.31	-2.432	169 3.27	0.358
20 0.48	-0.394	70 1.47	-4.657	120 2.33	-2.658	170 3.29	1.229
21 0.50	-0.395	71 1.50	-3.859	121 2.34	-1.809	171 3.30	1.228
22 0.51	-1.271	72 1.52	-3.216	122 2.36	-0.561	172 3.32	0.727
23 0.53	-2.140	73 1.53	-2.362	123 2.38	0.605	173 3.33	0.350
24 0.54	-2.774	74 1.55	-1.364	124 2.40	0.433	174 3.35	1.224
25 0.57	-2.276	75 1.57	-0.491	125 2.44	-1.068	175 3.36	2.273
26 0.58	-1.981	76 1.59	-0.493	126 2.46	-1.445	176 3.37	2.472
27 0.60	-2.530	77 1.61	0.504	127 2.48	-1.196	177 3.39	1.595
28 0.62	-3.781	78 1.62	2.376	128 2.49	-0.573	178 3.40	-1.155
29 0.64	-4.033	79 1.63	3.627	129 2.51	-1.049	179 3.42	-0.030
30 0.65	-4.659	80 1.65	6.126	130 2.52	2.548	180 3.43	-4.657
31 0.68	-2.537	81 1.66	6.999	131 2.53	5.046	181 3.44	-4.908
32 0.69	-1.038	82 1.67	7.375	132 2.54	5.671	182 3.47	-4.910
33 0.71	1.209	83 1.70	6.497	133 2.55	0.670	183 3.49	-4.412
34 0.73	3.332	84 1.72	5.994	134 2.57	5.793	184 3.51	-4.039
35 0.74	4.581	85 1.74	4.992	135 2.58	4.542	185 3.53	-3.165
36 0.76	5.205	86 1.76	2.491	136 2.59	3.916	186 3.54	-2.166
37 0.77	5.203	87 1.77	-0.134	137 2.60	2.915	187 3.57	-1.294
38 0.80	5.201	88 1.78	-2.635	138 2.64	0.787	188 3.59	-0.921
39 0.82	5.574	89 1.80	-4.761	139 2.65	-1.087	189 3.60	-1.172
40 0.84	6.197	90 1.82	-6.637	140 2.67	-3.589	190 3.62	0.950
41 0.85	4.320	91 1.83	-0.014	141 2.70	-3.591	191 3.64	2.448
42 0.89	0.567	92 1.84	-0.641	142 2.72	-4.218	192 3.65	3.697
43 0.92	-1.935	93 1.87	-0.302	143 2.74	-4.595	193 3.67	4.070
44 0.93	-3.434	94 1.90	-5.270	144 2.76	-4.598	194 3.68	4.319
45 0.95	-5.050	95 1.92	-4.022	145 2.78	-4.348	195 3.69	4.310
46 0.97	-6.563	96 1.94	-2.523	146 2.81	-2.476	196 3.71	4.067
47 0.98	-7.189	97 1.95	0.473	147 2.83	-0.853	197 3.72	3.190
48 1.00	-6.315	98 1.97	3.221	148 2.85	0.394	198 3.74	1.314
49 1.02	-4.442	99 1.98	5.095	149 2.86	1.642	199 3.75	-0.310
50 1.05	-1.945	100 2.00	0.344	150 2.88	2.266	200 3.77	-1.106

INDEX NO. 369	907-GR-36	TAIRA BRIDGE	TR.	MAX. ACCEL. ±	9.592 (GAL)	T = 2.02 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 3.79	-0.314	251 4.74	-1.273	301 5.71	-1.734	351 6.79	1.043
202 3.81	0.558	252 4.76	-2.525	302 5.74	-0.237	352 6.81	-0.832
203 3.83	0.556	253 4.78	-3.776	303 5.76	1.009	353 6.83	-1.834
204 3.84	0.055	254 4.80	-3.903	304 5.78	2.008	354 6.85	-3.005
205 3.86	-0.945	255 4.82	-2.280	305 5.80	3.257	355 6.87	-4.337
206 3.87	-0.698	256 4.84	-0.780	306 5.81	3.505	356 6.88	-4.589
207 3.89	2.175	257 4.86	0.842	307 5.83	3.503	357 6.91	-4.716
208 3.91	3.424	258 4.85	1.465	308 5.86	3.001	358 6.93	-3.467
209 3.92	4.068	259 4.88	1.463	309 5.87	2.625	359 6.94	-1.643
210 3.95	3.795	260 4.89	0.837	310 5.89	1.998	360 6.95	-0.345
211 3.96	2.544	261 4.92	0.584	311 5.93	-0.753	361 6.97	1.277
212 3.98	1.293	262 4.93	0.653	312 5.94	-1.505	362 6.98	2.776
213 3.99	0.666	263 4.96	0.581	313 5.97	-0.757	363 7.00	3.774
214 4.01	0.665	264 4.98	0.579	314 5.98	-0.258	364 7.02	4.398
215 4.03	0.665	265 4.99	0.628	315 6.00	-0.260	365 7.03	5.021
216 4.04	0.288	266 5.01	2.326	316 6.02	-0.762	366 7.05	5.270
217 4.05	-0.962	267 5.04	3.324	317 6.03	-1.388	367 7.08	4.767
218 4.06	-2.215	268 5.05	3.072	318 6.06	-1.764	368 7.10	3.515
219 4.08	-3.714	269 5.07	2.446	319 6.07	-1.141	369 7.12	1.888
220 4.10	-4.966	270 5.10	1.818	320 6.09	0.355	370 7.15	1.261
221 4.11	-4.967	271 5.12	0.817	321 6.11	0.979	371 7.17	-0.615
222 4.13	-4.719	272 5.14	-1.684	322 6.13	1.352	372 7.20	-1.867
223 4.14	-2.595	273 5.16	-1.685	323 6.15	1.100	373 7.24	-1.021
224 4.16	-0.721	274 5.18	-1.061	324 6.17	0.723	374 7.26	-1.622
225 4.17	3.025	275 5.20	-0.814	325 6.20	1.346	375 7.29	-1.625
226 4.19	3.399	276 5.22	-1.315	326 6.22	2.593	376 7.30	-1.251
227 4.22	2.771	277 5.23	-1.316	327 6.24	2.342	377 7.33	-1.003
228 4.24	2.520	278 5.25	-1.943	328 6.26	1.090	378 7.35	-0.380
229 4.26	1.516	279 5.27	-1.445	329 6.28	0.713	379 7.37	-0.007
230 4.30	0.639	280 5.30	-0.697	330 6.31	0.761	380 7.40	-0.010
231 4.32	-0.351	281 5.32	-1.699	331 6.34	1.583	381 7.41	-0.261
232 4.33	-1.237	282 5.34	-1.451	332 6.36	1.331	382 7.44	-1.513
233 4.36	-2.864	283 5.36	-1.076	333 6.38	0.079	383 7.46	-2.140
234 4.38	-3.491	284 5.39	-1.080	334 6.40	-0.545	384 7.48	-1.892
235 4.42	-3.494	285 5.41	-0.457	335 6.42	-0.547	385 7.51	-1.894
236 4.45	-3.497	286 5.42	0.790	336 6.45	-1.425	386 7.53	-2.521
237 4.47	-2.624	287 5.43	2.269	337 6.47	-1.801	387 7.54	-2.523
238 4.48	-1.300	288 5.44	3.538	338 6.49	-2.678	388 7.57	-1.650
239 4.50	0.673	289 5.47	3.911	339 6.51	-3.680	389 7.59	-0.652
240 4.51	2.995	290 5.48	3.035	340 6.53	-4.932	390 7.60	0.220
241 4.53	4.244	291 5.51	1.782	341 6.55	-5.559	391 7.63	0.243
242 4.55	4.616	292 5.53	0.531	342 6.58	-2.613	392 7.64	0.244
243 4.56	3.993	293 5.55	-0.094	343 6.61	-0.584	393 7.67	1.214
244 4.57	2.498	294 5.57	-1.347	344 6.63	0.932	394 7.69	1.837
245 4.61	0.112	295 5.63	-2.349	345 6.65	2.556	395 7.71	2.085
246 4.63	-1.013	296 5.62	-3.851	346 6.67	3.428	396 7.73	2.084
247 4.65	-1.015	297 5.65	-5.104	347 6.70	3.801	397 7.75	1.830
248 4.67	-1.317	298 5.66	-5.105	348 6.72	3.174	398 7.77	1.830
249 4.69	-0.769	299 5.65	-5.107	349 6.75	2.922	399 7.80	2.452
250 4.71	-0.770	300 5.69	-3.962	350 6.77	1.920	400 7.82	2.701

INDEX NO.	369	907-GR-36	TAIRA BRIDGE	TA.	MAX. ACCEL. *	9.592 (GAL)	T = 2.02 (SEC)	NO. 3
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
401	7.84	2.679	451	9.11	-0.556	501	10.63	-0.672
402	7.87	1.571	452	9.14	0.709	502	10.67	-0.050
403	7.88	0.945	453	9.16	1.332	503	10.69	0.947
404	7.93	6.566	454	9.19	1.704	504	10.72	1.819
405	7.95	0.584	455	9.22	1.452	505	10.74	2.442
406	7.97	0.583	456	9.26	0.324	506	10.77	2.189
407	7.99	2.310	457	9.29	0.445	507	10.80	0.686
408	8.01	-0.690	458	9.32	-0.430	508	10.83	-0.314
409	8.03	-1.566	459	9.35	-0.607	509	10.87	-0.943
410	8.05	-2.193	460	9.37	-1.686	510	10.91	-0.946
411	8.08	-1.945	461	9.41	-1.438	511	10.93	-0.324
412	8.10	-1.323	462	9.43	-0.189			
413	8.13	-1.575	463	9.45	0.431			
414	8.15	-1.952	464	9.49	1.303			
415	8.17	-1.079	465	9.52	1.301			
416	8.20	-1.081	466	9.55	1.298			
417	8.21	-1.682	467	9.59	0.794			
418	8.25	-1.086	468	9.62	0.791			
419	8.28	-1.338	469	9.65	1.039			
420	8.31	-0.716	470	9.68	0.786			
421	8.35	0.154	471	9.70	0.410			
422	8.37	0.527	472	9.75	0.156			
423	8.39	1.400	473	9.78	-0.220			
424	8.44	2.021	474	9.82	-0.223			
425	8.47	3.010	475	9.85	-0.226			
426	8.50	2.765	476	9.88	-0.229			
427	8.53	2.388	477	9.90	0.017			
428	8.56	1.760	478	9.92	0.641			
429	8.58	1.133	479	9.96	0.387			
430	8.61	1.381	480	10.01	-1.491			
431	8.64	1.753	481	10.04	-2.119			
432	8.66	1.752	482	10.09	-1.873			
433	8.67	1.175	483	10.13	-0.626			
434	8.70	0.247	484	10.15	0.370			
435	8.72	-0.752	485	10.17	1.243			
436	8.74	-1.379	486	10.20	1.616			
437	8.77	-2.631	487	10.23	1.863			
438	8.79	-2.383	488	10.27	2.234			
439	8.82	-1.386	489	10.30	1.981			
440	8.85	-0.763	490	10.33	1.604			
441	8.88	-0.141	491	10.35	0.976			
442	8.90	0.105	492	10.39	0.975			
443	8.92	0.103	493	10.41	-0.527			
444	8.95	0.101	494	10.44	-2.780			
445	8.97	0.100	495	10.47	-3.407			
446	8.99	0.097	496	10.50	-3.409			
447	9.01	-0.403	497	10.52	-3.162			
448	9.03	-1.655	498	10.55	-2.539			
449	9.05	-2.281	499	10.58	-1.917			
450	9.08	-2.033	500	10.60	-1.543			

Table IV D-71. Digitized Accelerations of Earthquake Record with Index Number 370

INDEX NO.	370	907-GR-36	TAIRA BRIDGE	U-D	MAX.ACCEL.*	-5.077(GAL)	T = 6.19(SEC)	NO. 1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)
1	0.00	-0.463	51	1.02	0.371	101	2.13	3.452
2	0.02	0.159	52	1.04	0.370	102	2.15	4.702
3	0.04	0.159	53	1.07	-0.130	103	2.17	3.076
4	0.07	0.156	54	1.12	0.366	104	2.18	3.826
5	0.09	0.157	55	1.15	0.366	105	2.20	1.950
6	0.10	0.156	56	1.18	1.114	106	2.21	-1.424
7	0.13	-0.095	57	1.22	0.738	107	2.23	-3.049
8	0.15	0.154	58	1.24	0.737	108	2.25	-3.675
9	0.17	-0.095	59	1.26	-0.137	109	2.27	-3.676
10	0.19	-0.095	60	1.28	-1.138	110	2.28	-3.051
11	0.22	-0.096	61	1.31	-1.764	111	2.29	-1.552
12	0.23	-0.097	62	1.33	-1.765	112	2.30	0.321
13	0.25	0.150	63	1.36	-1.141	113	2.32	2.195
14	0.25	0.150	64	1.38	-0.267	114	2.33	3.445
15	0.28	0.147	65	1.41	0.730	115	2.35	3.819
16	0.33	0.140	66	1.42	1.605	116	2.37	2.943
17	0.32	0.390	67	1.44	2.229	117	2.39	1.318
18	0.34	1.022	68	1.46	1.725	118	2.41	-2.056
19	0.36	2.021	69	1.49	0.477	119	2.43	-2.057
20	0.37	2.271	70	1.51	-0.771	120	2.45	-2.058
21	0.39	1.776	71	1.52	-1.772	121	2.46	-1.183
22	0.41	0.519	72	1.55	-2.023	122	2.49	-0.309
23	0.43	0.144	73	1.57	-2.024	123	2.50	-0.310
24	0.45	-0.105	74	1.59	-1.150	124	2.52	-0.311
25	0.46	-0.731	75	1.62	0.097	125	2.55	0.688
26	0.48	-0.732	76	1.64	1.347	126	2.56	1.311
27	0.50	-0.232	77	1.66	2.221	127	2.58	1.935
28	0.51	0.166	78	1.68	2.345	128	2.60	1.685
29	0.53	0.139	79	1.70	0.719	129	2.62	1.684
30	0.55	-0.109	80	1.72	-0.530	130	2.64	1.308
31	0.57	0.136	81	1.74	-1.405	131	2.65	1.307
32	0.61	1.385	82	1.75	-2.656	132	2.67	1.307
33	0.64	1.135	83	1.77	-3.032	133	2.70	0.056
34	0.67	0.134	84	1.79	-2.407	134	2.72	-1.443
35	0.70	-0.490	85	1.81	-1.158	135	2.73	-1.819
36	0.72	-0.491	86	1.83	-0.786	136	2.75	-2.070
37	0.74	-0.742	87	1.85	0.050	137	2.76	-1.571
38	0.77	-0.743	88	1.86	0.713	138	2.80	-0.946
39	0.80	-0.869	89	1.88	1.337	139	2.82	-0.322
40	0.83	-0.245	90	1.89	1.587	140	2.85	-0.323
41	0.84	0.377	91	1.91	1.661	141	2.86	-0.324
42	0.87	-0.497	92	1.94	1.335	142	2.88	-0.325
43	0.88	-0.748	93	1.96	-1.780	143	2.90	-0.575
44	0.90	-1.123	94	1.98	-3.290	144	2.92	-0.826
45	0.91	-1.373	95	2.00	-3.915	145	2.97	-0.828
46	0.93	-1.174	96	2.03	-3.017	146	2.99	-0.829
47	0.94	-1.374	97	2.07	-2.412	147	3.01	-0.500
48	0.96	-1.176	98	2.09	-0.619	148	3.03	-0.330
49	0.99	-1.126	99	2.11	0.763	149	3.04	0.042
50	1.02	-0.121	100	2.12	1.793	150	3.05	0.667
151	3.90	-0.614	161	3.92	-0.384	171	3.94	-0.614
152	3.91	-0.384	162	3.92	-0.384	172	3.95	-0.384
153	3.92	-0.384	163	3.92	-0.384	173	3.97	-0.384
154	3.93	-0.384	164	3.93	-0.384	174	3.99	-0.384
155	3.95	-0.384	165	3.95	-0.384	175	4.00	-0.384
156	3.96	-0.384	166	3.96	-0.384	176	4.01	-0.384
157	3.97	-0.384	167	3.97	-0.384	177	4.02	-0.384
158	3.98	-0.384	168	3.98	-0.384	178	4.03	-0.384
159	3.99	-0.384	169	3.99	-0.384	179	4.04	-0.384
160	4.00	-0.384	170	4.00	-0.384	180	4.02	-0.384

INDEX NO.	370	907-SR-36	TAIRA BRIDGE	U-D	MAX.ACCEL. $\times$	-5.077(GAL)	T= 6.19(SEC)	NO. 2			
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)		
201	4.03	1.627	251	5.07	-1.534	301	6.14	-3.825	351	7.09	3.011
202	4.04	1.004	252	5.08	-1.535	302	6.15	-4.701	352	7.11	3.635
203	4.06	0.628	253	5.11	-1.536	303	6.17	-5.076	353	7.14	3.365
204	4.09	0.627	254	5.14	-0.662	304	6.19	-5.077	354	7.16	2.383
205	4.11	0.402	255	5.16	-0.038	305	6.21	-4.205	355	7.20	0.801
206	4.14	-0.873	256	5.19	0.584	306	6.23	-1.329	356	7.21	0.250
207	4.15	-1.249	257	5.21	0.583	307	6.24	0.544	357	7.24	-0.743
208	4.16	-1.874	258	5.24	-0.291	308	6.25	2.418	358	7.26	-1.619
209	4.18	-2.125	259	5.27	-1.542	309	6.27	3.918	359	7.29	-1.120
210	4.20	-2.751	260	5.29	-0.668	310	6.30	4.941	360	7.32	-0.495
211	4.22	-3.376	261	5.32	0.204	311	6.32	3.416	361	7.34	-0.497
212	4.24	-3.752	262	5.34	0.579	312	6.34	3.040	362	7.36	-0.123
213	4.26	-1.678	263	5.37	0.577	313	6.37	3.039	363	7.38	-0.124
214	4.28	-1.334	264	5.40	0.577	314	6.39	3.665	364	7.40	-0.125
215	4.30	-0.379	265	5.41	0.576	315	6.41	2.162	365	7.43	-0.750
216	4.31	0.243	266	5.42	-0.448	316	6.42	0.537	366	7.47	-1.002
217	4.32	0.868	267	5.45	-0.299	317	6.44	-0.712	367	7.50	-0.753
218	4.34	0.867	268	5.46	-0.299	318	6.45	-1.963	368	7.52	-0.129
219	4.36	0.866	269	5.49	-0.675	319	6.47	-2.588	369	7.54	0.118
220	4.39	0.865	270	5.52	-0.426	320	6.49	-2.639	370	7.56	0.492
221	4.41	0.864	271	5.54	0.196	321	6.52	-2.840	371	7.59	0.741
222	4.43	0.614	272	5.55	0.820	322	6.53	-2.590	372	7.61	1.116
223	4.45	0.613	273	5.57	1.195	323	6.55	-2.341	373	7.63	1.365
224	4.48	-0.261	274	5.59	1.019	324	6.58	-1.717	374	7.65	1.739
225	4.49	-0.887	275	5.62	1.018	325	6.60	-1.343	375	7.67	1.488
226	4.51	-0.387	276	5.64	1.017	326	6.61	-1.094	376	7.69	0.488
227	4.52	0.610	277	5.66	0.941	327	6.63	-0.719	377	7.71	-0.386
228	4.53	0.869	278	5.68	-0.058	328	6.65	-0.720	378	7.72	-1.387
229	4.55	1.484	279	5.70	-1.308	329	6.66	-0.721	379	7.74	-2.013
230	4.57	1.483	280	5.72	-2.809	330	6.68	-0.471	380	7.77	-1.139
231	4.59	1.232	281	5.73	-2.810	331	6.70	-0.472	381	7.79	-0.140
232	4.61	-0.017	282	5.76	-1.936	332	6.73	0.775	382	7.81	0.483
233	4.64	-0.267	283	5.79	-1.063	333	6.74	2.399	383	7.83	0.482
234	4.66	-0.643	284	5.81	-0.438	334	6.76	3.698	384	7.85	-0.142
235	4.68	-1.269	285	5.83	0.185	335	6.77	4.273	385	7.88	-0.163
236	4.70	-1.895	286	5.85	0.809	336	6.79	4.273	386	7.90	-0.769
237	4.71	-1.645	287	5.87	1.433	337	6.81	3.022	387	7.93	-0.145
238	4.74	-1.921	288	5.88	1.808	338	6.83	2.146	388	7.96	0.102
239	4.76	-0.397	289	5.89	2.057	339	6.85	1.520	389	7.98	0.101
240	4.78	0.225	290	5.91	2.432	340	6.87	-0.104	390	8.00	0.475
241	4.81	0.600	291	5.93	2.431	341	6.88	-0.979	391	8.02	0.475
242	4.83	0.848	292	5.94	2.430	342	6.90	-1.605	392	8.03	0.475
243	4.86	1.222	293	5.97	1.804	343	6.91	-2.230	393	8.06	0.223
244	4.88	1.471	294	5.99	1.554	344	6.93	-2.606	394	8.09	-0.401
245	4.89	2.096	295	6.01	0.928	345	6.96	-2.857	395	8.12	0.471
246	4.92	2.095	296	6.03	-0.071	346	6.98	-3.235	396	8.14	0.720
247	4.95	1.593	297	6.06	-0.322	347	7.01	-2.984	397	8.16	1.094
248	4.97	1.218	298	6.08	-0.698	348	7.03	-1.985	398	8.19	0.841
249	5.01	0.591	299	6.10	-1.324	349	7.05	-0.486	399	8.21	0.217
250	5.04	-0.283	300	6.12	-2.574	350	7.07	1.761	400	8.24	-0.407

INDEX NO. 370		907-SR-36		TAIRA BRIDGE		U-D		MAX.ACCEL. $\times$		-5.077(GAL)		T= 6.19(SEC)		NO. 3		
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)
401	8.27	-0.533	451	9.55	-0.832	501	10.75	-1.504	511	10.96	-0.512					
402	8.31	1.089	452	9.59	0.039	502	10.77	-1.254								
403	8.33	1.088	453	9.61	0.664	503	10.79	-0.880								
404	8.36	1.086	454	9.63	0.413	504	10.81	-0.006								
405	8.36	0.836	455	9.69	0.410	505	10.83	0.616								
406	8.42	0.209	456	9.72	0.159	506	10.85	1.240								
407	8.43	-0.164	457	9.74	0.410	507	10.88	1.614								
408	8.46	-0.166	458	9.76	0.408	508	10.90	1.364								
409	8.49	-0.416	459	9.78	0.407	509	10.93	0.363								
410	8.52	-0.168	460	9.81	0.656	510	10.94	-0.261								
411	8.54	0.455	461	9.84	1.280											
412	8.57	0.793	462	9.87	1.279											
413	8.60	0.702	463	9.90	0.403											
414	8.62	0.201	464	9.92	-0.471											
415	8.64	-0.797	465	9.94	-0.847											
416	8.67	-1.048	466	9.95	-0.847											
417	8.70	-0.800	467	9.98	-1.473											
418	8.73	-0.551	468	10.00	-1.724											
419	8.75	-0.176	469	10.02	-1.475											
420	8.77	0.071	470	10.06	-0.651											
421	8.79	-0.178	471	10.07	-0.227											
422	8.82	-0.429	472	10.10	0.395											
423	8.84	-0.430	473	10.12	0.394											
424	8.87	-0.431	474	10.14	1.018											
425	8.90	0.441	475	10.17	1.892											
426	8.92	0.440	476	10.20	1.591											
427	8.95	0.439	477	10.22	0.765											
428	8.97	0.188	478	10.25	0.139											
429	9.00	-0.186	479	10.27	-0.235											
430	9.03	0.061	480	10.29	-0.861											
431	9.07	0.434	481	10.32	-0.862											
432	9.08	0.434	482	10.33	-0.863											
433	9.11	0.433	483	10.36	-0.863											
434	9.13	0.182	484	10.39	-0.864											
435	9.16	-0.817	485	10.41	-0.615											
436	9.18	-1.443	486	10.43	-0.241											
437	9.21	-2.069	487	10.44	-0.242											
438	9.23	-2.070	488	10.47	0.381											
439	9.25	-1.445	489	10.49	0.630											
440	9.27	0.677	490	10.51	0.629											
441	9.30	1.051	491	10.53	0.128											
442	9.32	1.300	492	10.56	-0.246											
443	9.35	1.048	493	10.58	-0.447											
444	9.38	1.047	494	10.59	-0.873											
445	9.41	1.046	495	10.63	-0.624											
446	9.44	0.429	496	10.65	0.373											
447	9.46	0.419	497	10.67	0.623											
448	9.48	-0.204	498	10.69	0.373											
449	9.51	-0.830	499	10.70	-0.502											
450	9.53	-0.831	500	10.72	-1.502											

Table IV D-72. Digitized Accelerations of Earthquake Record with Index Number 371

INDEX NO. 371	907-GR-36	TAIRA BRIDGE	LG.	MAX. ACCEL. = -7.180 (GAL)	T = 2.05 (SEC)	NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.2	-1.352	51 1.57	1.033	101 1.97	-0.932	151 2.91	0.975
2 0.2	-2.005	52 1.11	-0.215	102 2.01	-5.101	152 2.93	0.476
3 0.2	1.459	53 1.13	-1.039	103 2.02	-6.431	153 2.95	-1.771
4 0.13	2.745	54 1.14	-3.713	104 2.05	-7.180	154 2.97	-2.395
5 0.13	2.746	55 1.16	-4.965	105 2.07	-6.554	155 3.01	0.354
6 0.14	3.122	56 1.19	-6.462	106 2.08	-4.394	156 3.04	1.605
7 0.16	3.125	57 1.21	-6.461	107 2.10	-2.428	157 3.06	1.356
8 0.17	2.249	58 1.22	-4.961	108 2.11	-0.928	158 3.08	0.732
9 0.21	1.874	59 1.24	-2.210	109 2.12	0.321	159 3.11	0.984
10 0.23	1.700	60 1.25	0.914	110 2.13	0.697	160 3.13	0.984
11 0.25	0.002	61 1.26	3.164	111 2.15	1.322	161 3.15	0.734
12 0.26	-0.623	62 1.29	4.040	112 2.17	1.573	162 3.17	-0.138
13 0.28	-1.496	63 1.31	4.041	113 2.19	1.074	163 3.18	-0.792
14 0.29	-2.125	64 1.33	3.166	114 2.21	0.949	164 3.21	-1.386
15 0.31	-1.620	65 1.35	3.417	115 2.22	1.950	165 3.23	-1.386
16 0.34	0.254	66 1.37	4.043	116 2.24	3.825	166 3.25	-1.760
17 0.35	1.505	67 1.39	4.819	117 2.26	5.701	167 3.28	-3.259
18 0.38	2.506	68 1.43	2.920	118 2.27	6.076	168 3.30	-3.633
19 0.41	2.757	69 1.45	2.296	119 2.31	4.953	169 3.32	-3.007
20 0.44	3.133	70 1.47	1.672	120 2.33	3.954	170 3.35	-2.131
21 0.46	2.884	71 1.49	0.047	121 2.36	0.630	171 3.37	-0.880
22 0.48	2.260	72 1.50	-1.450	122 2.37	-0.688	172 3.38	-0.255
23 0.50	1.885	73 1.52	-2.699	123 2.39	-2.417	173 3.40	0.369
24 0.52	1.011	74 1.54	-3.074	124 2.41	-2.166	174 3.42	1.620
25 0.55	0.637	75 1.57	-2.190	125 2.44	-0.540	175 3.44	2.670
26 0.57	0.308	76 1.59	-0.677	126 2.46	0.333	176 3.45	4.122
27 0.60	0.389	77 1.61	0.677	127 2.47	0.709	177 3.48	2.997
28 0.62	0.390	78 1.63	1.927	128 2.49	0.711	178 3.49	1.747
29 0.64	0.391	79 1.65	1.305	129 2.51	0.711	179 3.51	0.498
30 0.67	0.017	80 1.67	0.429	130 2.54	0.711	180 3.53	0.499
31 0.69	-0.856	81 1.68	-0.819	131 2.56	-0.161	181 3.55	0.124
32 0.71	-1.480	82 1.69	-1.818	132 2.58	-1.410	182 3.58	0.751
33 0.73	-2.479	83 1.70	-3.318	133 2.59	-1.785	183 3.60	0.751
34 0.75	-3.353	84 1.73	-4.567	134 2.61	-2.409	184 3.62	0.127
35 0.79	-3.727	85 1.75	-5.191	135 2.63	-2.158	185 3.64	-1.370
36 0.81	-3.101	86 1.77	-4.940	136 2.65	-0.907	186 3.65	-2.620
37 0.84	-2.475	87 1.78	-4.315	137 2.67	-0.532	187 3.67	-2.994
38 0.86	-1.849	88 1.81	-4.314	138 2.69	0.342	188 3.69	-2.743
39 0.87	-1.599	89 1.82	-4.063	139 2.70	0.493	189 3.71	-1.743
40 0.90	-0.598	90 1.84	-3.438	140 2.72	-0.780	190 3.72	-0.667
41 0.91	0.026	91 1.85	-2.438	141 2.74	-1.405	191 3.75	-0.491
42 0.93	0.651	92 1.87	-0.313	142 2.76	-1.403	192 3.78	-0.240
43 0.95	0.902	93 1.88	1.938	143 2.77	-1.153	193 3.79	1.634
44 0.97	1.278	94 1.89	3.108	144 2.78	0.096	194 3.81	2.884
45 0.98	1.903	95 1.90	4.438	145 2.81	0.971	195 3.83	3.685
46 1.00	2.530	96 1.92	3.188	146 2.82	1.097	196 3.85	3.261
47 1.01	3.405	97 1.93	2.314	147 2.84	-0.150	197 3.87	2.011
48 1.04	3.780	98 1.95	-0.184	148 2.86	-0.525	198 3.89	1.137
49 1.06	3.156	99 1.96	-1.808	149 2.88	0.100	199 3.91	0.763
50 1.07	2.532	100 1.98	-3.057	150 2.90	0.725	200 3.93	-0.110
INDEX NO. 371	907-GR-36	TAIRA BRIDGE	LG.	MAX. ACCEL. = -7.180 (GAL)	T = 2.05 (SEC)	NO. 2	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
201 3.96	-1.983	251 5.09	5.426	301 6.15	-2.902	351 7.15	3.009
202 3.97	-3.233	252 5.01	5.426	302 6.17	-5.026	352 7.19	2.510
203 3.99	-4.232	253 5.02	5.804	303 6.20	-5.025	353 7.22	1.511
204 4.00	-4.232	254 5.05	5.806	304 6.21	-4.775	354 7.24	0.887
205 4.03	-2.681	255 5.06	6.181	305 6.22	-4.524	355 7.28	0.013
206 4.05	-1.105	256 5.09	4.682	306 6.24	-4.148	356 7.31	-0.358
207 4.06	-0.460	257 5.10	2.257	307 6.27	-3.522	357 7.34	-0.357
208 4.08	0.769	258 5.12	-1.190	308 6.30	-0.852	358 7.37	-0.106
209 4.09	1.395	259 5.14	-2.940	309 6.32	2.352	359 7.40	0.518
210 4.11	1.395	260 5.16	-4.439	310 6.33	4.603	360 7.43	0.019
211 4.12	1.396	261 5.18	-4.180	311 6.35	5.229	361 7.45	-0.103
212 4.15	2.272	262 5.21	-3.563	312 6.37	5.229	362 7.48	1.771
213 4.17	2.022	263 5.24	-3.811	313 6.39	4.605	363 7.50	3.022
214 4.19	0.523	264 5.26	-3.935	314 6.42	3.731	364 7.53	3.148
215 4.21	-0.475	265 5.28	-2.684	315 6.44	3.107	365 7.55	1.524
216 4.22	-1.724	266 5.30	-1.434	316 6.46	1.850	366 7.58	-0.348
217 4.24	-1.723	267 5.32	0.815	317 6.47	0.609	367 7.60	-1.222
218 4.26	-0.847	268 5.33	2.066	318 6.49	-1.264	368 7.66	-1.595
219 4.28	-0.221	269 5.37	2.692	319 6.51	-1.638	369 7.69	-1.594
220 4.30	-0.471	270 5.39	2.068	320 6.54	-1.607	370 7.72	-0.718
221 4.32	-0.470	271 5.41	2.069	321 6.55	-1.012	371 7.75	0.281
222 4.34	-0.219	272 5.43	2.319	322 6.57	-0.386	372 7.77	0.532
223 4.37	0.405	273 5.45	2.695	323 6.59	0.883	373 7.81	2.158
224 4.39	1.405	274 5.47	2.446	324 6.60	1.738	374 7.83	2.159
225 4.41	2.656	275 5.49	0.822	325 6.62	2.759	375 7.85	0.680
226 4.43	2.907	276 5.51	-1.051	326 6.63	3.989	376 7.87	-0.062
227 4.45	2.408	277 5.54	-1.675	327 6.66	3.365	377 7.89	-1.837
228 4.48	0.785	278 5.56	-1.674	328 6.68	1.866	378 7.92	-2.210
229 4.51	0.160	279 5.58	-2.298	329 6.69	0.866	379 7.94	-2.210
230 4.55	1.661	280 5.61	-3.547	330 6.72	-0.361	380 7.96	-1.584
231 4.56	2.037	281 5.64	-3.296	331 6.74	-1.005	381 7.99	-0.768
232 4.58	2.913	282 5.67	-2.670	332 6.77	-2.294	382 8.01	0.291
233 4.61	3.039	283 5.70	-2.294	333 6.79	-3.503	383 8.02	0.291
234 4.65	2.415	284 5.72	-2.293	334 6.81	-2.627	384 8.04	0.917
235 4.67	2.416	285 5.74	-2.042	335 6.83	-2.251	385 8.06	0.293
236 4.69	2.042	286 5.78	-0.791	336 6.84	-0.287	386 8.09	-0.579
237 4.71	1.168	287 5.82	0.209	337 6.86	1.498	387 8.11	-0.078
238 4.74	0.168	288 5.83	1.459	338 6.87	1.748	388 8.13	0.266
239 4.76	-0.079	289 5.84	2.710	339 6.89	-0.374	389 8.16	0.046
240 4.79	-0.453	290 5.85	3.335	340 6.91	-0.998	390 8.18	-1.201
241 4.81	-1.327	291 5.88	3.711	341 6.93	0.250	391 8.20	-2.200
242 4.83	-2.576	292 5.91	1.837	342 6.94	0.876	392 8.22	-1.408
243 4.84	-3.626	293 5.94	-0.680	343 6.96	0.877	393 8.26	-0.323
244 4.87	-5.075	294 5.97	0.214	344 6.99	-1.245	394 8.29	1.176
245 4.88	-5.699	295 6.00	1.715	345 7.00	-2.495	395 8.33	2.428
246 4.91	-5.898	296 6.03	0.592	346 7.02	-3.119	396 8.35	3.054
247 4.93	-3.572	297 6.06	0.210	347 7.05	-2.618	397 8.38	3.055
248 4.94	-1.072	298 6.09	0.844	348 7.07	-0.992	398 8.40	2.605
249 4.96	2.677	299 6.12	1.095	349 7.10	1.507	399 8.43	3.057
250 4.97	4.552	300 6.14	-1.027	350 7.12	2.383	400 8.48	1.558

INDEX NO. 371	907-B-36	OCHIAI BRIDGE	LG.	MAX. ACCEL. = -7.100 (GAL)	T = 2.05 (SEC)	NO. 3
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)			
401	0.51	451	10.05	0.116		
402	0.54	452	10.05	0.117		
403	-1.55	453	10.10	-0.295		
404	0.52	454	10.12	-0.504		
405	0.51	455	10.15	-1.123		
406	0.05	456	10.17	-0.877		
407	1.59	457	10.21	-0.092		
408	0.70	458	10.24	0.050		
409	0.73	459	10.22	0.375		
410	0.77	460	10.32	0.376		
411	0.80	461	10.33	0.377		
412	0.82	462	10.37	0.120		
413	0.85	463	10.39	1.004		
414	0.92	464	10.43	0.131		
415	0.74	465	10.47	0.382		
416	0.97	466	10.50	-0.489		
417	0.99	467	10.54	-0.863		
418	0.03	468	10.56	-0.852		
419	2.55	469	10.58	-1.112		
420	2.07	470	10.61	-0.061		
421	9.11	471	10.65	-0.234		
422	9.13	472	10.67	0.640		
423	9.16	473	10.70	1.016		
424	9.20	474	10.73	1.017		
425	9.22	475	10.76	1.268		
426	9.25	476	10.78	1.019		
427	9.28	477	10.82	-0.477		
428	9.29	478	10.83	-0.652		
429	9.32	479	10.87	-1.726		
430	9.34	480	10.92	-2.350		
431	9.37	481	10.94	-2.473		
432	9.40					
433	9.42					
434	9.40					
435	9.52					
436	9.56					
437	9.60					
438	9.63					
439	9.66					
440	9.69					
441	9.72					
442	9.74					
443	9.77					
444	9.81					
445	9.85					
446	9.89					
447	9.92					
448	9.96					
449	9.99					
450	10.02					

Table IV D-73. Digitized Accelerations of Earthquake Record with Index Number 372

INDEX NO. 372	905-B-265	OCHIAI BRIDGE	LG.	MAX. ACCEL. = 67.300 (GAL)	T = 0.80 (SEC)	NO. 1	
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)
1 0.0	-2.649	51 0.71	-16.245	101 1.45	-10.442	151 2.30	1.840
2 0.02	-5.768	52 0.72	-21.666	102 1.46	-7.071	152 2.32	0.979
3 0.04	-3.261	53 0.73	-20.786	103 1.48	-2.951	153 2.34	2.734
4 0.06	-0.131	54 0.75	-21.533	104 1.49	-4.914	154 2.35	4.365
5 0.07	1.371	55 0.76	-30.484	105 1.53	-4.280	155 2.37	-5.001
6 0.08	2.374	56 0.78	-59.352	106 1.55	-9.523	156 2.38	-10.372
7 0.09	-0.120	57 0.79	-66.731	107 1.57	-2.393	157 2.39	-14.19
8 0.10	-4.114	58 0.80	-67.360	108 1.59	-4.635	158 2.42	-0.487
9 0.11	-5.112	59 0.82	-56.088	109 1.60	-4.630	159 2.43	-4.858
10 0.13	-4.232	60 0.83	-20.867	110 1.63	-1.248	160 2.44	0.270
11 0.14	1.398	61 0.85	-27.999	111 1.64	2.255	161 2.46	1.524
12 0.16	2.400	62 0.86	-50.869	112 1.67	-6.109	162 2.47	1.685
13 0.17	1.779	63 0.87	-57.488	113 1.68	-11.604	163 2.50	1.286
14 0.18	-0.715	64 0.89	-55.611	114 1.69	-8.846	164 2.51	1.191
15 0.19	-2.051	65 0.91	-31.357	115 1.71	-3.72	165 2.53	1.674
16 0.21	-3.207	66 0.92	-11.726	116 1.74	-1.269	166 2.55	-0.568
17 0.22	-2.952	67 0.93	-17.901	117 1.74	1.269	167 2.57	-0.560
18 0.23	-2.573	68 0.95	-20.493	118 1.76	6.797	168 2.59	-4.056
19 0.24	-2.320	69 0.97	-18.286	119 1.77	11.177	169 2.60	-1.175
20 0.26	-1.941	70 0.99	-16.040	120 1.80	12.431	170 2.62	3.629
21 0.29	-2.182	71 1.00	-9.545	121 1.81	-10.311	171 2.63	5.081
22 0.30	-1.929	72 1.01	-6.072	122 1.82	9.315	172 2.64	6.404
23 0.31	-1.924	73 1.03	-13.942	123 1.84	7.446	173 2.66	4.987
24 0.33	-2.544	74 1.05	-17.063	124 1.86	-1.129	174 2.68	3.722
25 0.34	-3.34	75 1.06	-14.310	125 1.88	-5.414	175 2.69	1.852
26 0.35	-3.788	76 1.07	-10.526	126 1.90	-2.09	176 2.72	0.688
27 0.36	-4.658	77 1.08	-6.552	127 1.91	-2.403	177 2.74	1.1404
28 0.38	-5.277	78 1.09	-4.299	128 1.93	-0.525	178 2.76	0.000
29 0.39	-3.773	79 1.11	-1.669	129 1.95	0.480	179 2.78	-2.619
30 0.40	-4.356	80 1.12	-0.413	130 1.97	-2.260	180 2.79	-7.612
31 0.41	7.234	81 1.14	0.639	131 1.98	-3.881	181 2.81	-8.859
32 0.43	7.236	82 1.15	11.221	132 2.00	-6.247	182 2.83	5.850
33 0.44	5.490	83 1.16	17.599	133 2.02	-9.866	183 2.85	-2.718
34 0.45	1.993	84 1.17	19.477	134 2.04	-11.738	184 2.87	3.912
35 0.46	-3.999	85 1.19	15.231	135 2.05	-13.358	185 2.88	8.667
36 0.47	-7.689	86 1.20	7.599	136 2.06	-6.651	186 2.90	10.295
37 0.49	-6.242	87 1.21	-11.382	137 2.08	-3.652	187 2.91	9.424
38 0.50	-3.737	88 1.22	-19.003	138 2.09	7.530	188 2.93	5.054
39 0.52	-3.107	89 1.25	-16.245	139 2.11	8.785	189 2.94	-1.936
40 0.54	-3.351	90 1.27	-12.865	140 2.12	6.912	190 2.96	-3.181
41 0.55	-3.096	91 1.28	-10.986	141 2.14	4.793	191 2.99	-1.144
42 0.58	-5.589	92 1.30	-9.229	142 2.16	5.308	192 3.01	-0.166
43 0.60	0.041	93 1.32	-6.099	143 2.18	4.434	193 3.02	-1.911
44 0.61	5.045	94 1.33	1.780	144 2.20	1.313	194 3.04	-6.030
45 0.62	3.922	95 1.35	4.034	145 2.21	-2.551	195 3.06	-10.521
46 0.63	1.127	96 1.36	4.914	146 2.23	-3.423	196 3.08	-12.392
47 0.65	-1.691	97 1.38	-3.795	147 2.25	-5.119	197 3.10	-12.638
48 0.66	-7.434	98 1.40	-0.946	148 2.26	-3.414	198 3.11	-12.133
49 0.68	-8.931	99 1.42	6.310	149 2.28	-1.909	199 3.13	-8.005
50 0.69	-12.549	100 1.43	10.690	150 2.29	0.844	200 3.14	3.627

INDEX NO.	372	905-B-265	OCHIAI BRIDGE	LG.	MAX. ACCEL. *	67.360 (GAL)	T = 0.80 (SEC)	NO. 2
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	(GAL)
201	3.15	8.132	251	3.99	-3.214	301	4.94	-0.659
202	3.17	9.759	252	4.01	-4.083	302	4.97	-0.642
203	3.18	11.639	253	4.03	-4.792	303	4.99	-0.634
204	3.20	0.520	254	4.05	-2.944	304	5.01	0.670
205	3.21	4.775	255	4.07	-1.938	305	5.03	2.754
206	3.23	0.778	256	4.10	-1.680	306	5.05	2.134
207	3.25	0.682	257	4.12	-0.674	307	5.07	0.889
208	3.26	4.419	258	4.13	-0.044	308	5.09	0.021
209	3.28	6.674	259	4.14	1.209	309	5.11	0.529
210	3.30	6.678	260	4.15	2.463	310	5.13	2.788
211	3.31	5.183	261	4.18	3.971	311	5.15	4.296
212	3.33	2.938	262	4.20	3.977	312	5.18	4.059
213	3.35	-0.100	263	4.22	4.983	313	5.19	2.555
214	3.36	-2.824	264	4.24	5.065	314	5.21	-0.334
215	3.37	-3.045	265	4.25	4.993	315	5.25	0.326
216	3.39	-3.416	266	4.27	2.251	316	5.27	1.206
217	3.40	-3.661	267	4.29	1.883	317	5.28	1.585
218	3.41	-4.282	268	4.31	1.889	318	5.29	1.340
219	3.42	-5.279	269	4.33	1.021	319	5.31	0.722
220	3.44	-6.775	270	4.35	0.025	320	5.33	0.727
221	3.45	-8.395	271	4.36	-2.465	321	5.34	0.730
222	3.46	-9.766	272	4.37	-5.586	322	5.36	0.360
223	3.48	-7.259	273	4.39	-6.834	323	5.38	-0.506
224	3.50	-3.050	274	4.41	-3.553	324	5.39	-1.501
225	3.52	3.753	275	4.42	-4.697	325	5.42	-1.240
226	3.53	0.009	276	4.44	-3.693	326	5.45	-0.657
227	3.56	9.513	277	4.46	-3.309	327	5.47	-0.600
228	3.57	7.769	278	4.48	-3.676	328	5.49	-1.093
229	3.59	3.599	279	4.49	-3.050	329	5.50	-1.713
230	3.60	-1.468	280	4.51	-0.918	330	5.52	-1.453
231	3.62	1.286	281	4.53	0.711	331	5.54	-2.075
232	3.63	7.667	282	4.55	1.343	332	5.57	-3.317
233	3.65	10.797	283	4.57	2.223	333	5.58	-4.561
234	3.67	10.550	284	4.59	2.854	334	5.62	-3.675
235	3.69	3.860	285	4.60	3.235	335	5.64	-2.793
236	3.71	-2.933	286	4.62	2.614	336	5.66	-0.785
237	3.72	-4.554	287	4.64	1.996	337	5.70	-1.024
238	3.75	-3.929	288	4.66	0.504	338	5.71	-1.019
239	3.77	-2.414	289	4.68	-0.467	339	5.74	-0.760
240	3.79	-1.408	290	4.71	-1.729	340	5.76	0.119
241	3.81	-0.526	291	4.73	-3.220	341	5.77	1.375
242	3.82	-0.521	292	4.76	-3.212	342	5.79	2.380
243	3.84	0.108	293	4.78	-2.956	343	5.80	3.260
244	3.86	-0.134	294	4.80	-3.822	344	5.81	3.639
245	3.87	-1.625	295	4.81	-4.443	345	5.83	2.770
246	3.90	-0.694	296	4.84	-3.559	346	5.81	1.151
247	3.92	0.510	297	4.87	-1.674	347	5.87	0.533
248	3.94	0.516	298	4.89	-0.417	348	5.90	0.542
249	3.96	-0.351	299	4.91	0.210	349	5.92	0.800
250	3.98	-2.219	300	4.93	-0.030	350	5.94	1.180
301	4.94	-0.659	351	5.97	-0.659	351	5.97	-0.659
302	4.97	-0.642	352	5.99	-0.642	352	5.99	-0.642
303	4.99	-0.634	353	6.01	-0.634	353	6.01	-0.634
304	5.01	0.670	354	6.03	0.670	354	6.03	0.670
305	5.03	2.754	355	6.04	2.754	355	6.04	2.754
306	5.05	2.134	356	6.06	2.134	356	6.06	2.134
307	5.07	0.889	357	6.07	0.889	357	6.07	0.889
308	5.09	0.021	358	6.09	0.021	358	6.09	0.021
309	5.11	0.529	359	6.11	0.529	359	6.11	0.529
310	5.13	2.788	360	6.14	2.788	360	6.14	2.788
311	5.15	4.296	361	6.16	4.296	361	6.16	4.296
312	5.18	4.059	362	6.18	4.059	362	6.18	4.059
313	5.19	2.555	363	6.19	2.555	363	6.19	2.555
314	5.21	-0.334	364	6.21	-0.334	364	6.21	-0.334
315	5.25	0.326	365	6.23	0.326	365	6.23	0.326
316	5.27	1.206	366	6.24	1.206	366	6.24	1.206
317	5.28	1.585	367	6.27	1.585	367	6.27	1.585
318	5.29	1.340	368	6.29	1.340	368	6.29	1.340
319	5.31	0.722	369	6.33	0.722	369	6.33	0.722
320	5.33	0.727	370	6.36	0.727	370	6.36	0.727
321	5.34	0.730	371	6.38	0.730	371	6.38	0.730
322	5.36	0.360	372	6.40	0.360	372	6.40	0.360
323	5.38	-0.506	373	6.42	-0.506	373	6.42	-0.506
324	5.39	-1.501	374	6.44	-1.501	374	6.44	-1.501
325	5.42	-1.240	375	6.45	-1.240	375	6.45	-1.240
326	5.45	-0.657	376	6.47	-0.657	376	6.47	-0.657
327	5.47	-0.600	377	6.48	-0.600	377	6.48	-0.600
328	5.49	-1.093	378	6.51	-1.093	378	6.51	-1.093
329	5.50	-1.713	379	6.53	-1.713	379	6.53	-1.713
330	5.52	-1.453	380	6.54	-1.453	380	6.54	-1.453
331	5.54	-2.075	381	6.56	-2.075	381	6.56	-2.075
332	5.57	-3.317	382	6.58	-3.317	382	6.58	-3.317
333	5.58	-4.561	383	6.60	-4.561	383	6.60	-4.561
334	5.62	-3.675	384	6.63	-3.675	384	6.63	-3.675
335	5.64	-2.793	385	6.65	-2.793	385	6.65	-2.793
336	5.66	-0.785	386	6.67	-0.785	386	6.67	-0.785
337	5.70	-1.024	387	6.70	-1.024	387	6.70	-1.024
338	5.71	-1.019	388	6.71	-1.019	388	6.71	-1.019
339	5.74	-0.760	389	6.74	-0.760	389	6.74	-0.760
340	5.76	0.119	390	6.76	0.119	390	6.76	0.119
341	5.77	1.375	391	6.78	1.375	391	6.78	1.375
342	5.79	2.380	392	6.81	2.380	392	6.81	2.380
343	5.80	3.260	393	6.82	3.260	393	6.82	3.260
344	5.81	3.639	394	6.84	3.639	394	6.84	3.639
345	5.83	2.770	395	6.86	2.770	395	6.86	2.770
346	5.81	1.151	396	6.89	1.151	396	6.89	1.151
347	5.87	0.533	397	6.90	0.533	397	6.90	0.533
348	5.90	0.542	398	6.91	0.542	398	6.91	0.542
349	5.92	0.800	399	6.93	0.800	399	6.93	0.800
350	5.94	1.180	400	6.95	1.180	400	6.95	1.180

Table IV D-74. Digitized Accelerations of Earthquake Record with Index Number 373

INDEX NO.	373	905-B-265	OCHIAI BRIDGE	U-D	MAX. ACCEL. *	-9.174 (GAL)	T = 0.80 (SEC)	NO. 1
NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	NO. (SEC)	(GAL)	(GAL)
1 0.0	-2.298	51 1.12	-1.104	101 2.06	0.545	151 3.06	-0.611	
2 0.02	1.081	52 1.13	-0.725	102 2.09	-0.690	152 3.08	0.094	
3 0.05	-4.784	53 1.15	-0.471	103 2.11	-0.691	153 3.10	1.194	
4 0.07	-0.403	54 1.17	0.538	104 2.13	2.065	154 3.11	3.229	
5 0.09	0.475	55 1.19	1.166	105 2.15	2.696	155 3.13	2.985	
6 0.11	1.105	56 1.21	2.672	106 2.17	2.700	156 3.15	2.115	
7 0.12	1.111	57 1.22	2.175	107 2.18	2.704	157 3.18	0.874	
8 0.14	1.116	58 1.24	-2.192	108 2.19	1.833	158 3.20	0.253	
9 0.15	1.119	59 1.26	-2.615	109 2.20	1.461	159 3.21	-0.366	
10 0.18	-1.621	60 1.28	-3.181	110 2.22	1.467	160 3.24	-0.733	
11 0.19	-0.992	61 1.30	-2.302	111 2.24	0.847	161 3.25	-0.478	
12 0.22	-1.984	62 1.31	2.078	112 2.26	-1.642	162 3.27	0.525	
13 0.25	7.271	63 1.34	0.961	113 2.29	-1.535	163 3.29	0.779	
14 0.26	4.524	64 1.37	1.642	114 2.31	-2.255	164 3.31	0.536	
15 0.28	-6.594	65 1.38	3.099	115 2.32	-2.001	165 3.33	0.544	
16 0.30	7.206	66 1.40	1.602	116 2.34	-0.998	166 3.35	-0.324	
17 0.32	-1.206	67 1.42	-3.784	117 2.35	0.505	167 3.37	0.181	
18 0.35	2.924	68 1.44	-1.010	118 2.37	1.134	168 3.39	1.106	
19 0.37	-8.616	69 1.45	0.242	119 2.38	2.138	169 3.41	0.567	
20 0.40	4.314	70 1.48	-0.248	120 2.39	2.142	170 3.44	0.575	
21 0.42	-3.052	71 1.50	2.737	121 2.41	0.697	171 3.46	0.581	
22 0.45	6.078	72 1.52	-5.234	122 2.42	-1.847	172 3.48	0.357	
23 0.47	1.460	73 1.54	-4.105	123 2.46	-0.962	173 3.49	0.340	
24 0.49	3.591	74 1.56	-0.600	124 2.47	-0.333	174 3.52	0.347	
25 0.51	-1.401	75 1.58	-0.593	125 2.49	0.546	175 3.53	-0.270	
26 0.54	0.729	76 1.61	1.288	126 2.50	1.550	176 3.56	-0.261	
27 0.55	-2.764	77 1.63	1.043	127 2.53	0.050	177 3.57	0.250	
28 0.57	-5.511	78 1.64	0.421	128 2.57	1.616	178 3.62	-0.000	
29 0.58	-5.882	79 1.66	-0.195	129 2.59	0.325	179 3.62	0.879	
30 0.60	-2.503	80 1.67	-1.815	130 2.63	-0.661	180 3.66	+1.857	
31 0.64	1.634	81 1.69	-1.186	131 2.65	-0.905	181 3.70	0.277	
32 0.66	0.389	82 1.70	-1.183	132 2.67	-0.651	182 3.72	-1.216	
33 0.69	2.523	83 1.72	-1.420	133 2.68	-0.271	183 3.74	-1.461	
34 0.72	-5.467	84 1.73	-1.800	134 2.71	-0.514	184 3.76	-1.628	
35 0.75	3.789	85 1.75	-0.921	135 2.73	-0.509	185 3.80	-1.617	
36 0.77	-2.328	86 1.76	1.582	136 2.74	-0.505	186 3.83	0.943	
37 0.83	1.383	87 1.78	3.214	137 2.76	0.126	187 3.85	2.572	
38 0.82	-3.933	88 1.80	2.967	138 2.78	1.634	188 3.87	0.253	
39 0.85	6.192	89 1.82	1.098	139 2.81	1.388	189 3.89	1.707	
40 0.87	-0.301	90 1.83	0.727	140 2.82	0.767	190 3.90	1.087	
41 0.88	-9.174	91 1.84	0.165	141 2.84	-1.722	191 3.92	-0.148	
42 0.91	3.584	92 1.86	-1.135	142 2.88	-0.638	192 3.95	-0.468	
43 0.94	-3.530	93 1.89	-0.878	143 2.90	-0.582	193 3.97	-0.109	
44 0.96	3.851	94 1.92	0.127	144 2.93	0.049	194 4.00	-0.133	
45 0.96	4.230	95 1.94	0.760	145 2.95	0.054	195 4.02	1.998	
46 1.01	3.066	96 1.96	1.015	146 2.97	0.261	196 4.05	1.756	
47 1.02	1.402	97 1.97	1.018	147 2.99	0.442	197 4.08	0.765	
48 1.04	-2.061	98 2.01	-0.470	148 3.01	0.772	198 4.10	0.146	
49 1.07	-1.119	99 2.03	0.765	149 3.02	1.326	199 4.13	-0.668	
50 1.10	-5.734	100 2.04	1.414	150 3.04	0.606	200 4.15	-1.086	

INDEX NO.	373	905-B-265	OCHIAI BRIDGE	TR.	HAX. ACCEL. + -9.174 (GAL)	T = 0.80 (SEC)	NO. 2
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)		
201	4.14	-1.702	251	5.55	0.152		
202	4.21	-1.672	252	5.59	-0.039		
203	4.23	-1.941	253	5.63	-3.270		
204	4.24	-0.532	254	5.67	-0.266		
205	4.29	0.232	255	5.70	-0.256		
206	4.32	0.110	256	5.73	0.252		
207	4.35	0.211	257	5.76	0.084		
208	4.37	0.450	258	5.77	0.053		
209	4.39	0.234	259	5.79	0.094		
210	4.43	-0.555	260	5.82	0.903		
211	4.46	0.033	261	5.86	0.415		
212	4.49	0.158	262	5.90	-0.178		
213	4.51	0.515	263	5.92	-0.190		
214	4.53	0.697	264	5.95	-0.555		
215	4.56	0.654	265	5.99	-0.544		
216	4.58	-0.337	266	6.02	-0.534		
217	4.60	-0.331	267	6.07	-0.272		
218	4.62	-0.576	268	6.09	0.109		
219	4.65	-1.153	269	6.14	-0.127		
220	4.67	-2.168	270	6.17	-0.116		
221	4.69	-2.806	271	6.21	-0.108		
222	4.72	-1.546	272	6.25	0.166		
223	4.75	-0.663	273	6.30	0.180		
224	4.77	0.342	274	6.34	0.443		
225	4.79	1.223	275	6.39	0.203		
226	4.82	1.606	276	6.42	0.213		
227	4.84	1.361	277	6.46	0.480		
228	4.86	0.367	278	6.52	0.498		
229	4.89	0.126	279	6.57	0.508		
230	4.91	0.132	280	6.61	0.896		
231	4.93	0.140	281	6.66	0.905		
232	4.96	-0.226	282	6.69	0.390		
233	4.99	-0.218	283	6.73	0.050		
234	5.02	-0.208	284	6.76	0.053		
235	5.04	-0.202	285	6.77	-0.938		
236	5.05	-0.823	286	6.80	-0.303		
237	5.07	-1.694	287	6.83	-0.045		
238	5.10	-0.811	288	6.86	-0.280		
239	5.12	-0.553	289	6.91			
240	5.13	-0.549					
241	5.18	-1.035					
242	5.22	-1.398					
243	5.26	-1.386					
244	5.29	-1.127					
245	5.33	-0.742					
246	5.35	-0.734					
247	5.41	-0.969					
248	5.46	-1.326					
249	5.50	-0.441					
250	5.53	-0.057					

Table IV D-75. Digitized Accelerations of Earthquake Record with Index Number 374

INDEX NO.	374	905-B-265	OCHIAI BRIDGE	TR.	HAX. ACCEL. + -11.625 (GAL)	T = 1.50 (SEC)	NO. 1
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)		
1	0.03	0.336	51	0.91	0.732	101	1.72
2	0.04	-1.655	52	0.93	-4.882	102	1.73
3	0.06	-2.897	53	0.94	-6.128	103	1.75
4	0.08	-1.010	54	0.96	-3.994	104	1.77
5	0.10	-0.093	55	0.98	-1.861	105	1.79
6	0.11	0.002	56	1.00	-0.229	106	1.80
7	0.12	-0.243	57	1.01	1.025	107	1.81
8	0.14	-1.235	58	1.02	3.532	108	1.83
9	0.15	-1.480	59	1.04	5.040	109	1.84
10	0.19	0.036	60	1.05	4.795	110	1.86
11	0.21	1.295	61	1.07	3.302	111	1.88
12	0.24	2.559	62	1.09	1.060	112	1.89
13	0.26	2.566	63	1.10	-1.055	113	1.91
14	0.29	-0.545	64	1.12	-2.299	114	1.93
15	0.30	-2.684	65	1.13	-0.541	115	1.95
16	0.32	-3.352	66	1.15	1.340	116	1.97
17	0.35	-1.768	67	1.17	1.097	117	1.99
18	0.36	-0.869	68	1.18	0.229	118	2.02
19	0.38	-0.505	69	1.20	-2.258	119	2.04
20	0.40	-0.497	70	1.23	-1.619	120	2.05
21	0.41	-1.365	71	1.25	-3.239	121	2.07
22	0.42	-1.734	72	1.26	-4.732	122	2.09
23	0.44	-1.976	73	1.27	-4.477	123	2.12
24	0.46	-1.095	74	1.29	1.406	124	2.14
25	0.48	-0.833	75	1.30	8.164	125	2.16
26	0.50	-0.202	76	1.32	9.422	126	2.18
27	0.51	1.677	77	1.34	9.425	127	2.19
28	0.54	1.689	78	1.35	7.536	128	2.21
29	0.55	1.195	79	1.36	-4.434	129	2.22
30	0.57	0.579	80	1.37	-8.303	130	2.24
31	0.61	1.722	81	1.39	-8.926	131	2.26
32	0.62	1.228	82	1.40	-2.419	132	2.28
33	0.65	-0.368	83	1.41	4.964	133	2.30
34	0.66	-0.629	84	1.43	5.847	134	2.31
35	0.68	-0.623	85	1.45	4.351	135	2.33
36	0.69	0.804	86	1.47	-3.386	136	2.35
37	0.71	1.141	87	1.48	-11.128	137	2.37
38	0.73	1.524	88	1.50	-11.675	138	2.38
39	0.75	1.203	89	1.52	-6.317	139	2.39
40	0.76	0.663	90	1.53	-1.736	140	2.41
41	0.77	0.542	91	1.54	5.895	141	2.43
42	0.79	1.802	92	1.56	5.403	142	2.45
43	0.81	-3.083	93	1.59	1.913	143	2.46
44	0.82	-5.556	94	1.60	-1.450	144	2.48
45	0.83	-9.799	95	1.61	-2.447	145	2.49
46	0.85	-6.043	96	1.63	-1.189	146	2.52
47	0.86	-3.289	97	1.65	1.318	147	2.53
48	0.88	3.468	98	1.67	1.952	148	2.55
49	0.89	4.973	99	1.68	2.633	149	2.57
50	0.90	3.552	100	1.70	4.719	150	2.58
151	2.62	(GAL)	151	2.62	5.090	151	2.62
152	2.65	5.104	152	2.65	-1.383	153	2.66
153	2.66	-3.251	154	2.67	-0.244	155	2.68
154	2.67	155	2.68	156	-2.011	156	2.70
155	2.68	157	2.71	158	2.286	157	2.71
156	2.70	158	2.73	159	-3.846	158	2.73
157	2.71	159	2.75	160	-8.714	159	2.75
158	2.73	160	2.76		-10.209	160	2.76
159	2.75	161	2.77		-7.198	161	2.77
160	2.76	162	2.80		2.059	162	2.80
		163	2.82		3.313	163	2.82
		164	2.83		3.571	164	2.83
		165	2.85		2.078	165	2.85
		166	2.87		-0.034	166	2.87
		167	2.89		-0.650	167	2.89
		168	2.91		-0.763	168	2.91
		169	2.92		0.069	169	2.92
		170	2.94		4.252	170	2.94
		171	2.95		5.509	171	2.95
		172	2.97		2.768	172	2.97
		173	2.98		-2.217	173	2.98
		174	2.99		-1.332	174	2.99
		175	3.01		0.302	175	3.01
		176	3.03		0.560	176	3.03
		177	3.05		-0.306	177	3.05
		178	3.07		-4.921	178	3.07
		179	3.09		-6.168	179	3.09
		180	3.11		-2.908	180	3.11
		181	3.13		6.603	181	3.13
		182	3.15		7.482	182	3.15
		183	3.17		6.990	183	3.17
		184	3.19		4.497	184	3.19
		185	3.20		2.003	185	3.20
		186	3.21		-2.358	186	3.21
		187	3.23		-1.851	187	3.23
		188	3.25		-1.221	188	3.25
		189	3.27		-1.715	189	3.27
		190	3.10		-3.333	190	3.10
		191	3.33		2.305	191	3.33
		192	3.35		3.186	192	3.35
		193	3.37		-1.428	193	3.37
		194	3.39		-2.300	194	3.39
		195	3.41		-3.294	195	3.41
		196	3.42		3.595	196	3.42
		197	3.43		7.352	197	3.43
		198	3.45		8.732	198	3.45
		199	3.46		5.987	199	3.46
		200	3.48		1.247	200	3.48

INDEX NO. 374		905-B-265		OCHIAI BRIDGE		TR.		MAX.ACCEL.* -11.625(GAL)		T= 1.50(SEC)		NO. 2	
NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(SEC)	(GAL)	NO.	(GAL)
201	3.49	1.291	251	4.43	1.350	301	5.51	0.597	351	6.60	-1.150	361	6.60
202	3.51	-4.070	252	4.46	-0.763	302	5.53	-0.642	352	6.62	-0.142	362	6.62
203	3.53	-5.939	253	4.47	-1.755	303	5.55	-1.507	353	6.64	0.738	363	6.64
204	3.55	-1.554	254	4.50	-1.744	304	5.57	-2.498	354	6.66	-0.123	364	6.66
205	3.57	-0.297	255	4.53	-2.355	305	5.59	-1.239	355	6.69	-0.987	365	6.69
206	3.58	-1.537	256	4.55	-2.344	306	5.62	0.274	356	6.70	-1.008	366	6.70
207	3.60	-2.158	257	4.58	-2.580	307	5.64	0.910	357	6.73	-0.720	367	6.73
208	3.62	-3.400	258	4.61	0.431	308	5.66	0.918	358	6.74	-0.464	368	6.74
209	3.63	-4.020	259	4.63	1.686	309	5.69	0.932	359	6.76	-1.576	369	6.76
210	3.66	-1.256	260	4.55	0.575	310	5.72	0.444	360	6.78	-2.193	370	7.00
211	3.68	0.375	261	4.67	-0.041	311	5.74	-0.542	361	6.80	-1.060		
212	3.69	2.514	262	4.69	0.217	312	5.77	-0.529	362	6.83	0.825		
213	3.72	3.774	263	4.72	-0.019	313	5.80	0.732	363	6.85	1.461		
214	3.74	3.780	264	4.74	-0.006	314	5.83	1.001	364	6.87	2.470		
215	3.76	1.414	265	4.77	0.503	315	5.84	1.002	365	6.90	3.165		
216	3.78	-1.696	266	4.79	-1.515	316	5.86	0.763	366	6.92	3.366		
217	3.79	-2.318	267	4.81	1.524	317	5.88	0.771	367	6.94	3.126		
218	3.61	-1.186	268	4.84	1.787	318	5.91	0.532	368	6.97	2.262		
219	3.82	-0.804	269	4.87	1.299	319	5.93	-0.080	369	6.98	0.646		
220	3.84	-0.172	270	4.89	0.310	320	5.94	-0.698	370	7.00	-0.597		
221	3.86	0.087	271	4.91	-0.306	321	5.96	-1.068					
222	3.88	0.469	272	4.92	-1.540	322	5.99	-1.929					
223	3.89	-1.397	273	4.94	-3.039	323	6.00	-1.420					
224	3.91	-3.263	274	4.96	-3.657	324	6.03	-0.409					
225	3.94	-3.001	275	4.98	-3.649	325	6.05	-0.151					
226	3.96	-2.364	276	4.99	-2.141	326	6.06	0.479					
227	3.98	-1.981	277	5.02	-2.128	327	6.08	0.488					
228	4.00	-1.095	278	5.04	-1.493	328	6.10	-0.002					
229	4.03	-0.084	279	5.07	-1.232	329	6.12	0.004					
230	4.04	3.675	280	5.08	-0.600	330	6.14	0.013					
231	4.06	5.181	281	5.10	0.658	331	6.16	0.272					
232	4.09	5.191	282	5.13	1.922	332	6.17	0.030					
233	4.12	5.580	283	5.15	0.805	333	6.18	-0.964					
234	4.13	5.335	284	5.17	-0.435	334	6.20	-1.205					
235	4.15	1.218	285	5.19	-1.426	335	6.23	-0.695					
236	4.16	-1.273	286	5.20	-2.294	336	6.24	0.309					
237	4.18	-5.260	287	5.22	-0.785	337	6.25	0.566					
238	4.20	-5.880	288	5.23	0.094	338	6.27	0.071					
239	4.22	-5.371	289	5.25	0.475	339	6.29	-1.166					
240	4.24	-4.114	290	5.27	-0.135	340	6.32	-0.654					
241	4.25	2.145	291	5.29	-0.377	341	6.35	-0.264					
242	4.27	4.403	292	5.31	-0.741	342	6.39	0.376					
243	4.29	3.533	293	5.33	-0.982	343	6.42	0.368					
244	4.31	1.291	294	5.36	-0.471	344	6.44	0.399					
245	4.33	-2.073	295	5.38	-0.961	345	6.46	1.284					
246	4.34	-2.462	296	5.40	-1.577	346	6.47	1.665					
247	4.35	-2.185	297	5.42	-2.317	347	6.50	0.802					
248	4.38	0.073	298	5.45	-0.430	348	6.53	-0.435					
249	4.40	2.208	299	5.46	0.199	349	6.55	-1.675					
250	4.41	2.588	300	5.47	0.831	350	6.57	-2.665					

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付録－1 強震観測網の現況

強震観測に使用している計器は、大別してS M A C型強震計と電磁式強震計の2種類に分類できる。

昭和55年3月31日現在の設置状況をS M A C型強震計については、Figure IV-1-1およびTable IV-1-1に、または電磁式強震計については、Figure IV-1-2およびTable IV-1-2に示す。

S M A C型強震計の設置箇所数および台数は、それぞれ136地点、282台となっている。また電磁式強震計は47地点、442成分である。この電磁式強震計は、S M A C型強震計が設置できないような場所に設置される例が多く、特に最近では地表面下の地中部における地震動の観測に使われており、現在47地点中14地点（141成分）において観測が実施されている。

S M A C型強震計は、1台につき3成分（上下動1成分、水平動2成分）の加速度換振器が備わっている。また電磁式強震計は、設置点毎に成分数は異なっており、大半は加速度換振器であるが一部には土圧計もしくは変位計などが含まれている。

Table IV-1-3にS M A C型強震計および電磁式強震計の観測点数を構造物ごとに分類した結果を示す。

建設省土木研究所 (1980. 3. 31 現在)

建設省土木研究所 (1980.3.31現在)

工	建設省	所名	型式	台数	設置場所	所名	維持管理	設置年月	工	建設省	所名	型式	台数	設置場所	所名	維持管理	設置年月
101	1	国道一	B2	2	1	1	1	1	1	1	国道一	B2	1	1	1	1	1
102	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
103	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
104	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
105	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
106	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
107	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
108	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
109	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
110	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
111	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
112	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
113	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
114	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
115	1	1	B2	2	1	1	1	1	1	1	1	B2	1	1	1	1	1
201	2	国道二	B2	2	1	1	1	1	1	2	国道二	B2	2	1	1	1	1
202	2	2	B2	2	1	1	1	1	1	2	2	B2	2	1	1	1	1
203	2	2	B2	2	1	1	1	1	1	2	2	B2	2	1	1	1	1
204	2	2	B2	2	1	1	1	1	1	2	2	B2	2	1	1	1	1
205	2	2	B2	2	1	1	1	1	1	2	2	B2	2	1	1	1	1
206	2	2	B2	2	1	1	1	1	1	2	2	B2	2	1	1	1	1
207	2	2	B2	2	1	1	1	1	1	2	2	B2	2	1	1	1	1
208	2	2	B2	2	1	1	1	1	1	2	2	B2	2	1	1	1	1
209	2	2	B2	2	1	1	1	1	1	2	2	B2	2	1	1	1	1
301	3	地方道	B2	2	1	1	1	1	1	3	地方道	B2	2	1	1	1	1
302	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
303	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
304	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
305	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
306	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
307	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
308	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
309	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
310	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
311	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
312	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
313	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
314	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
315	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
316	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
317	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
318	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
319	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
320	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
321	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
322	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
323	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
324	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
325	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
326	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
327	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
328	3	3	B2	2	1	1	1	1	1	3	3	B2	2	1	1	1	1
401	4	市道	B2	2	1	1	1	1	1	4	市道	B2	2	1	1	1	1
402	4	4	B2	2	1	1	1	1	1	4	4	B2	2	1	1	1	1
403	4	4	B2	2	1	1	1	1	1	4	4	B2	2	1	1	1	1
501	5	道路	B2	2	1	1	1	1	1	5	道路	B2	2	1	1	1	1
502	5	5	B2	2	1	1	1	1	1	5	5	B2	2	1	1	1	1
503	5	5	B2	2	1	1	1	1	1	5	5	B2	2	1	1	1	1
504	5	5	B2	2	1	1	1	1	1	5	5	B2	2	1	1	1	1
505	5	5	B2	2	1	1	1	1	1	5	5	B2	2	1	1	1	1
601	6	公園	B2	2	1	1	1	1	1	6	公園	B2	2	1	1	1	1
602	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
603	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
604	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
605	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
606	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
607	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
608	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
609	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
610	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
611	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
612	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
613	6	6	B2	2	1	1	1	1	1	6	6	B2	2	1	1	1	1
701	7	河川	B2	2	1	1	1	1	1	7	河川	B2	2	1	1	1	1
702	7	7	B2	2	1	1	1	1	1	7	7	B2	2	1	1	1	1
703	7	7	B2	2	1	1	1	1	1	7	7	B2	2	1	1	1	1
704	7	7	B2	2	1	1	1	1	1	7	7	B2	2	1	1	1	1
705	7	7	B2	2	1	1	1	1	1	7	7	B2	2	1	1	1	1
706	7	7	B2	2	1	1	1	1	1	7	7	B2	2	1	1	1	1
707	7	7	B2	2	1	1	1	1	1	7	7	B2	2	1	1	1	1
708	7	7	B2	2	1	1	1	1	1	7	7	B2	2	1	1	1	1
709	7	7	B2	2	1	1	1	1	1	7	7	B2	2	1	1	1	1
801	8	下水道	B2	2	1	1	1	1	1	8	下水道	B2	2	1	1	1	1
802	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
803	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
804	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
805	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
806	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
807	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
808	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
809	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
810	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
811	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
812	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
813	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
814	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
815	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
816	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
817	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
818	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
819	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
820	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
821	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
822	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
823	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
824	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1	1	1	1
825	8	8	B2	2	1	1	1	1	1	8	8	B2	2	1			

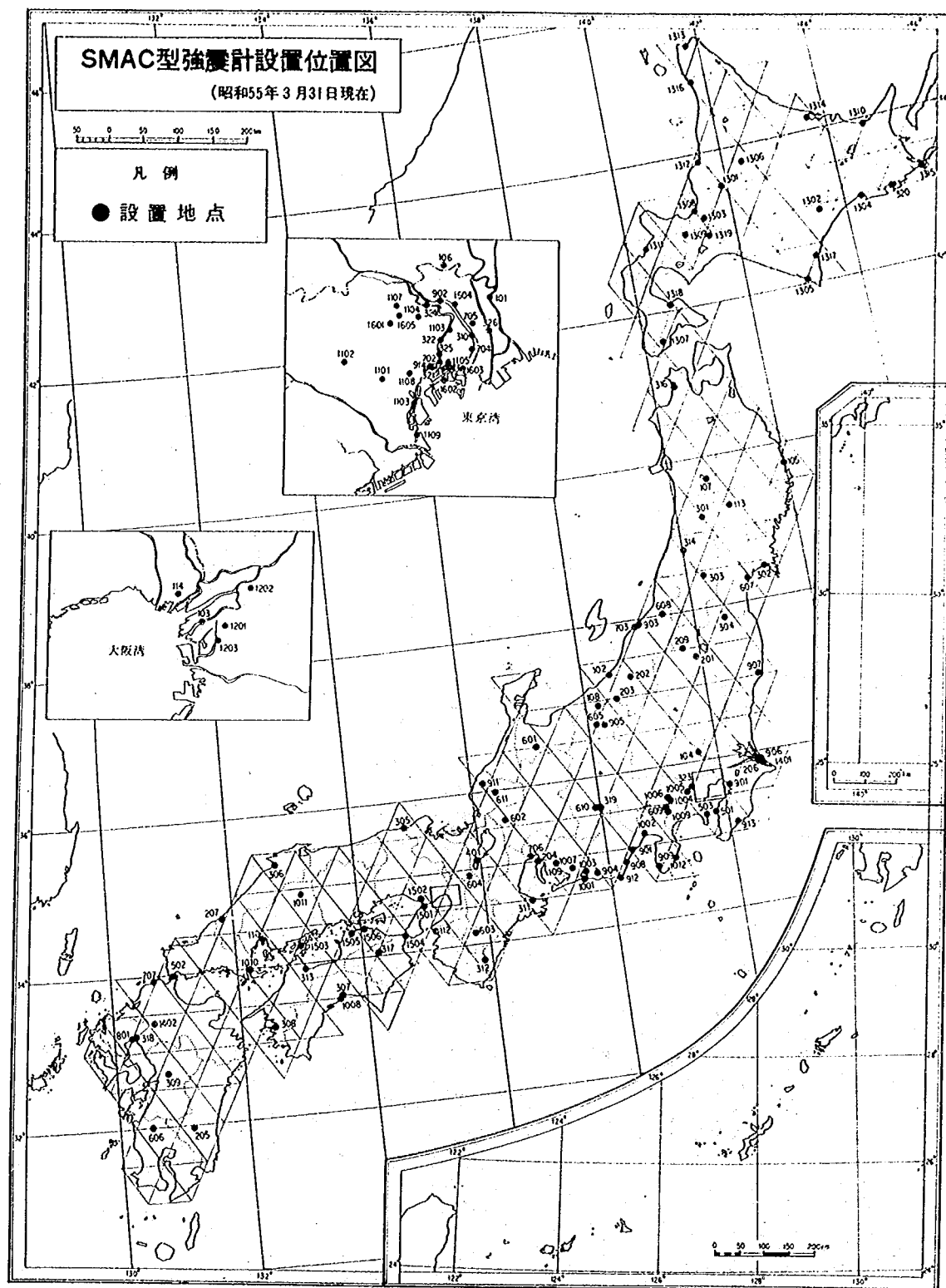


Figure IV-1-1 SMAC型強震計設置位置図(昭和55年3月31日現在)

Table IV -1-2 電磁型強震計設置位置一覧表

No	観測所名	型式	成分数	設置箇所	県名	維持管理	設置年月
1. 国道一線							
5101	新般野川橋	電磁式	12	橋脚(12)	宮城	仙台工事々務所	48-12
2. 国道二線							
3. 地方道線							
5301	厚岸大橋	電磁式	10		北海道	北海道庁	46-12
4. 有料道路線							
5401	琵琶湖大橋	電磁式	6	橋脚(4), 地盤(2)	滋賀	大津土木事務所	38-12
5. 道路企画線							
5501	富津港	地中	9	0m(3), -70m(3), -110m(3)	千葉	東京湾道路調査事務所	45-12
5502	浮島公園	"	12	0m(3), -27m(3), -67m(3), -127m(3)	神奈川	"	45-12
5503	観音崎	"	9	0m(3), -80m(3), -120m(3)	"	"	46-12
5504	南港	"	12	0m(3), -22m(3), -43m(3), -88m(3)	大阪	阪神国道工事々務所	49-3
5505	扇島	"	12	0m(3), -15m(3), -38m(3), -150m(3)	神奈川	東京湾道路調査事務所	49-3
5506	金城阜頭	"	9	0m(3), -45m(3), -114m(3)	愛知	名古屋国道工事々務所	50-11
5507	深江	"	15	0m(3), -28m(3), -61m(3), -71m(3), -120m(3)	大阪	阪神国道工事々務所	52-3
6. 開発線							
5601	湯田ダム	電磁式	6	天端(3), 岩盤(3)	岩手	管理事務所(建)	40-12
5602	皆瀬ダム	"	6	堤体(3), 監査路(3)	秋田	管理事務所(県)	38-12
5603	鳴子ダム	"	10	天端(2), 岩盤(3), 監査路(3)	宮城	管理事務所(建)	48-12
5604	川俣ダム	"	13	支持坑内(3), ゲート(7), 監査路(3)	栃木	"	49-12
5605	室牧ダム	"	9	岩盤(3), 堤体(6)	富山	管理事務所(県)	36-12
5606	横山ダム	"	12	岩盤(2), 天端(4)	岐阜	管理事務所(建)	37-12
5607	天ヶ瀬ダム	"	12	岩盤(3), 堤体(9)	京都	管理事務所(建)	39-12
5608	旗谷ダム	"	5	堤体(5)	奈良	管理事務所(建)	32-12
5609	四十四田ダム	"	12	監査路(2), 堤体(5), マンホール(5)	岩手	"	32-12
5610	犀川ダム	"	10	監査路(5), 堤体(5)	石川	管理事務所(県)	43-12
5611	矢作ダム	"	13	天端(3), 堤体(10)	愛知	管理事務所(建)	45-12
5612	釜房ダム	"	6	岩盤(3), 天端(3)	宮城	"	45-12
5613	郡ダム	地中	9	-5m(3), 天端(3)	千葉	千葉開発庁	48-12
5614	松原下釜ダム	電磁式	8	監査路(4), 天端(4)	大分	管理事務所(建)	46-12
5615	藤原ダム	"	3	監査路(4)	群馬	"	48-12
5616	阿蘇ダム	"	3	地盤(3)	熊本	熊本工事々務所	50-12
7. 治水線							
5701	豊川放水路堤防	電磁式	4	土手上(2), 土手下(2)	愛知	豊橋工事々務所	41-12
5702	高瀬堰	"	9	地盤(3), 河床(3), 脚(3)	広島	大田川工事々務所	49-9
8. 海岸線							
5801	大矢野島	電磁式	3	地盤(3)	熊本	熊本工事々務所	48-12
9. 土木研究所							
5901	利根川堤防	電磁式	8	地盤(2), 堤体(4)	千葉	土木研究所	43-12
5902	荒川堤防	"	9	堤防上部(3), 中部(3), 下部(3)	東京	"	48-12
5903	淀川堤防	"	9	"	大阪	"	49-12
10. 日本道路公団							
6001	尾道大橋	電磁式	11	地盤(3), 主塔(2), 主桁(6)	広島	日本道路公団	43-4
6002	境水道大橋	"	11	地盤(3), 地中(3), 橋脚(5)	島根	"	47-7
6003	関門大橋	"	31	地中, 主塔	福岡	"	49-3
6004	広島大橋	"	10	地盤(2), 橋脚(2), ケーソン内(6)	広島	"	49-5
13. 北海道開発局							
6301	別海橋	地中	4	-2m(2), -40m(2)	北海道	北海道開発局	46-12
6302	静内橋	"	4	-2m(2), -40m(2)	"	"	46-12
6303	釧路(釧路跨線橋)	電磁式	9	地盤(3), -53m(3), 橋台(3)	"	"	48-11
6304	豊平峡ダム	"	12	ギャラリー内(3@3), ダム法面(2@3)	"	"	47-9
6305	大雷ダム	"	15	ギャラリー内(6), 天端(4), 堤体内(2)	"	"	49-11
6316	島松沢橋	地中	3	"	"	"	54-12
14. 水資源開発公団							
6401	阿木川ダム	電磁式	3		岐阜	水資源開発公団	47-12
15. 本州四国連絡橋公団							
6501	垂水(本州四国)	地中	16	-5m(6), -20m(4), -60m(3), -250m(3)	兵庫	本州四国連絡橋公団	47-12
6502	坂出(")	"	15	-5m(6), -20m(3), -35m(3), -55m(3)	香川	"	48-12
6503	今治(")	"	12	-5m(6), -20m(3), -40m(3)	愛媛	"	48-3
16. 下水道部							
6601	花畑雨水幹線	地中	3		東京	東京都下水道局	52-3

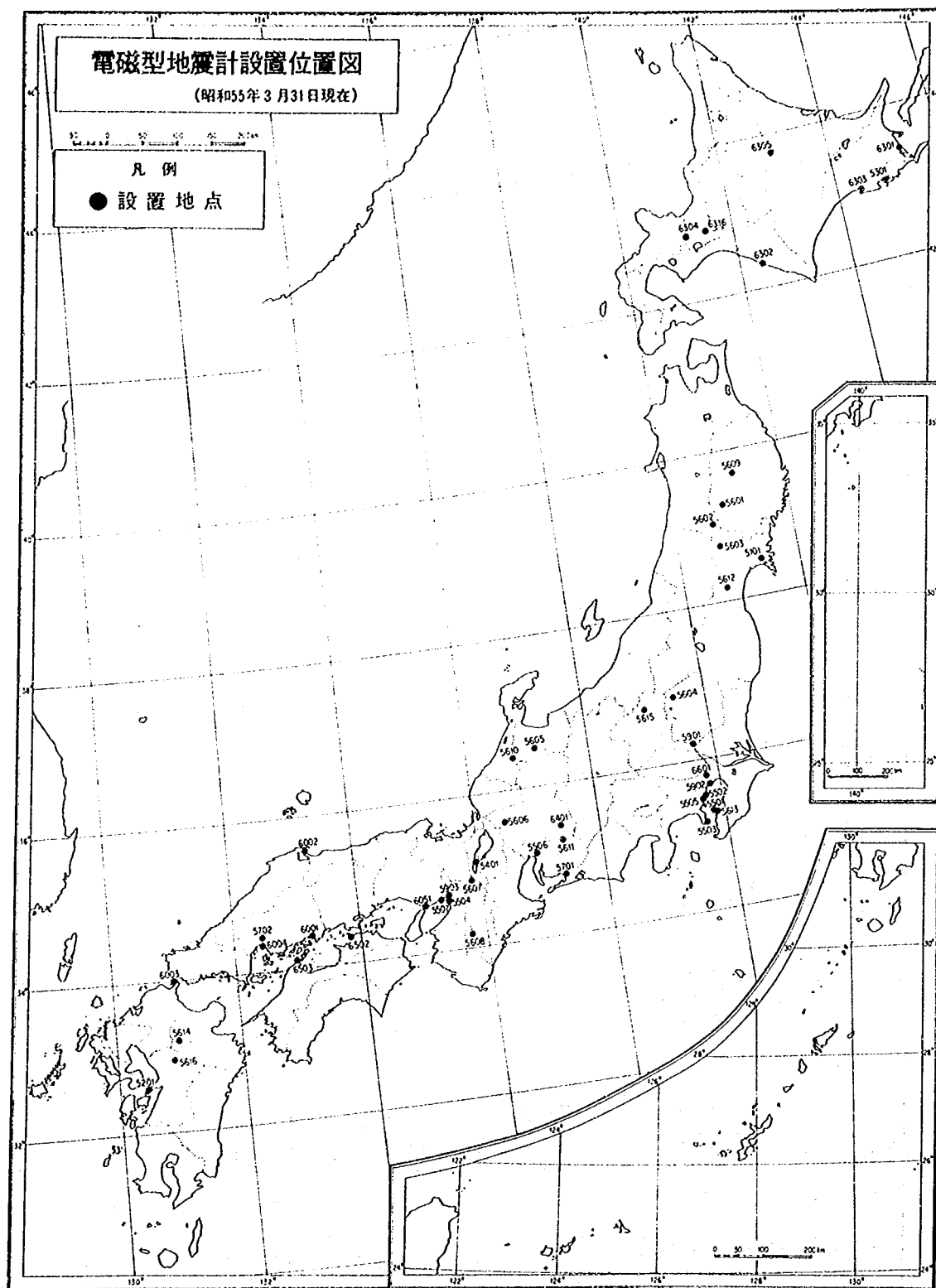


Figure IV-1-2 電磁型強震計設置位置図(昭和55年3月31日現在)

Table IV-1-3 構造物ごとの強震計観測地点数 (昭和55年3月31日現在)

構造物の種類		S M A C 型 強 震 計			電 磁 式 強 震 計	
		観 地 点	台 数		観 地 点	成 分 数
			地 盤	構 造 物		
橋	梁	99	99	112	14	154
地 下 構 造 物		6	7	6	1	3
ト ン ネ ル		2	2	4	0	0
ダ ム	コンクリート	10	7	13	13	119
	フ ィ ル	2	1	3	5	45
河 川 構 造 物		8	9	10	5	47
海 岸	〃	0	0	0	0	0
構 造 物 予 定 地 点		9	7	2	7	78
そ の 他		0	0	0	2	6
合 計		136	132	150	47	442

付録－２ 強震計の特性

本資料に収録した地震動の加速度記録は、SMAC-A型、SMAC-B型、SMAC-B2型、SMAC-D型、SMAC-E2型、SMAC-Q型、電磁式強震計のいずれかの型式の地震計により記録されたものである。

これらの地震計の公称の特性および構造の概略をTable IV-2-1～Table IV-2-4、およびFigure IV-2-1～Figure IV-2-4に示す。

ここで

Table IV-2-1 SMAC-B2型強震計の特性

Figure IV-2-1 SMAC-B2型強震計の構造

Table IV-2-2 SMAC-D型 強震計の特性

Figure IV-2-2 SMAC-D型 強震計の構造

Table IV-2-3 SMAC-Q型 強震計の特性

Figure IV-2-3 SMAC-Q型 強震計の構造

Table IV-2-4 電磁式強震計の特性

Figure IV-2-4 電磁式強震計の構造

Table IV-2-1 Strong-Motion Accelerograph, SMAC-B2

Parts	Specifications and Characteristics
Pendulum	3-Component accelerometer
	Natural period : 0.14 sec.
	Sensitivity : 12.5 gals per mm on the paper
	Damping : critical damping ($h=1$)
	Recording range : 6 ~ 500 gals
Recording system	Magnification : $\times 16$ (mechanical)
	Recording paper : scratching stylus roll-paper
	Recording speed : 10 mm per sec.
Driving part	Recording pen : sapphire point
	Spring motor
Electric self-starter	Operating for about 3 min.
	Vertical component accelerometer
	Natural period : 0.3 sec.
Mechanical self starter	Sensitivity at starting : from 5 to 15 gals
	Sensitivity at starting : about 100 gals
Time marking	Interval : 1 sec.
Checking device	Pilot lamp and buzzer
Electric power supply	Dry cell 3V $\times$ 4 (JIS No. FM 5)
Console	Aluminum alloy
Dimension	540 (width) $\times$ 540 (length) $\times$ 370 (height) mm
Net weight	Approximately 100 kg
Frequency Characteristics	$\times 0.08$ mm/gal Sensitivity Frequency (Hz) Natural period T(sec)

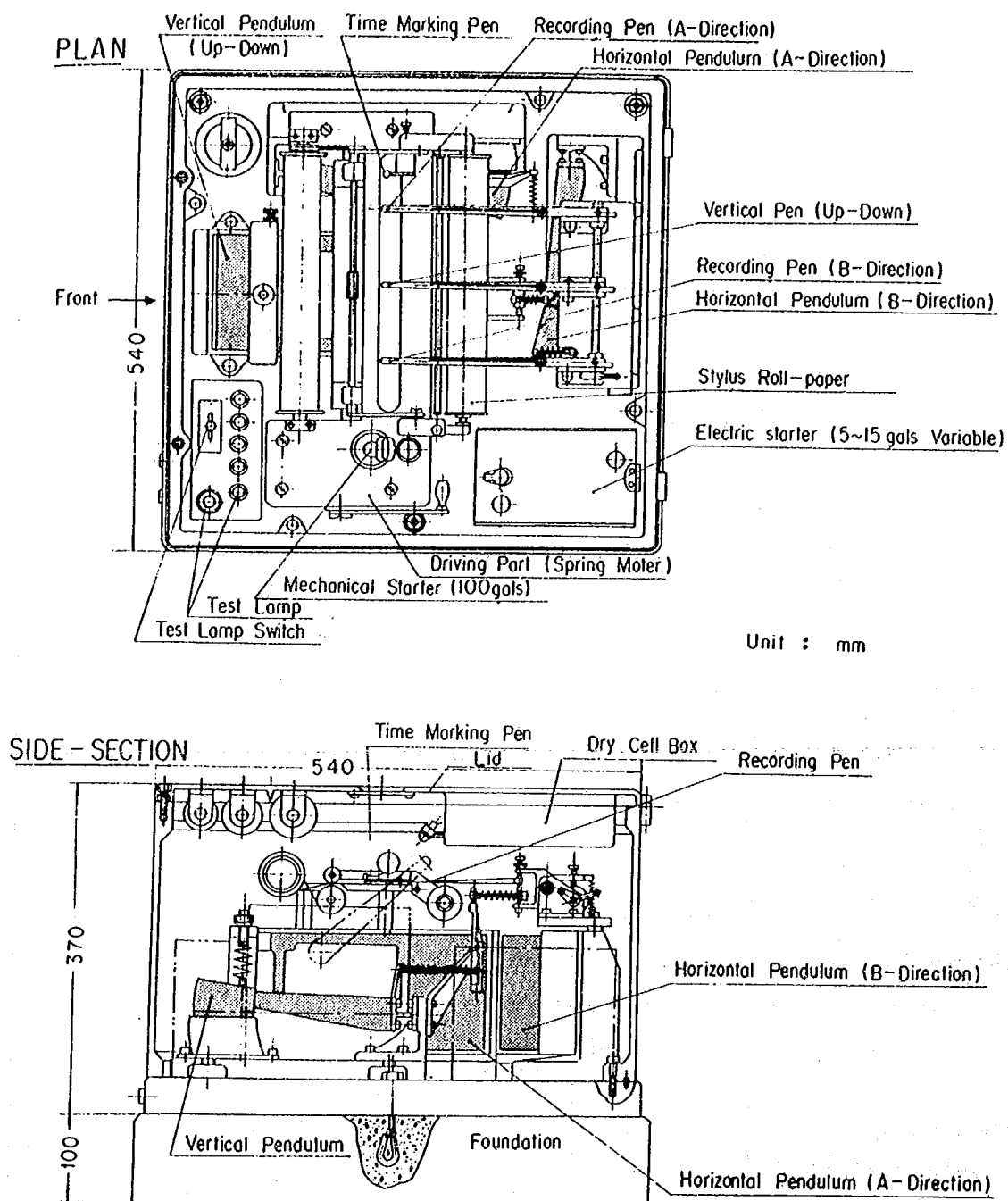


Figure IV-2-1
Illustration of Strong-Motion Accelerograph, SMAC-B2

Table IV-2-2 Strong-Motion Accelerograph, SMAC-D

Parts	Specifications and Characteristics
Pendulum	3-Component accelerometer
	Natural period : 0.05 sec. (20 cps)
	Sensitivity : 5mm/500gals on scratch-record-film. 40mm/500gals (by multiplying optically the film by 8)
	Damping : air damper $h = 0.5 \sim 0.7$
	Recording range : 5 ~ 500 gals Frequency range : 0 ~ 20 cps
Recording system	Recording paper : scratching stylus scratch-record-film Recording speed : 5 mm per sec. Recording pen : diamond point
Driving part	Micro-motor (DC. 12 Volts)
	able to start 100 times, operates for about 1 min. 30 sec. after each starting
Electric self-stater	Vertical component accelerometer
	Natural period : 0.3 sec.
	Sensitivity at starting : 5 gals
Time marking system	5 pulse/sec, Electric timer
Electric power supply	Nickel-Cadmium Battery (DC 12V , 3.5A, with Automatic charger or AC 100V together)
Dimension	450 (width) x 450 (length) x 350 (height) mm
Net weight	Approximately 70 kg
Frequency Characteristics	The graph plots Recorded Double Amplitude (mm) on the y-axis (log scale from 0.5 to 10) against Exciting Frequency (Hz) on the top x-axis (log scale from 0.2 to 20) and period T (sec) on the bottom x-axis (log scale from 2.5 to 0.05). Four curves are shown for different acceleration levels: 400 gal, 350 gal, 100 gal, and 50 gal. The curves show that for a given frequency, the recorded amplitude increases with the input acceleration level. The curves also show a resonance peak around 0.05 seconds (20 Hz).

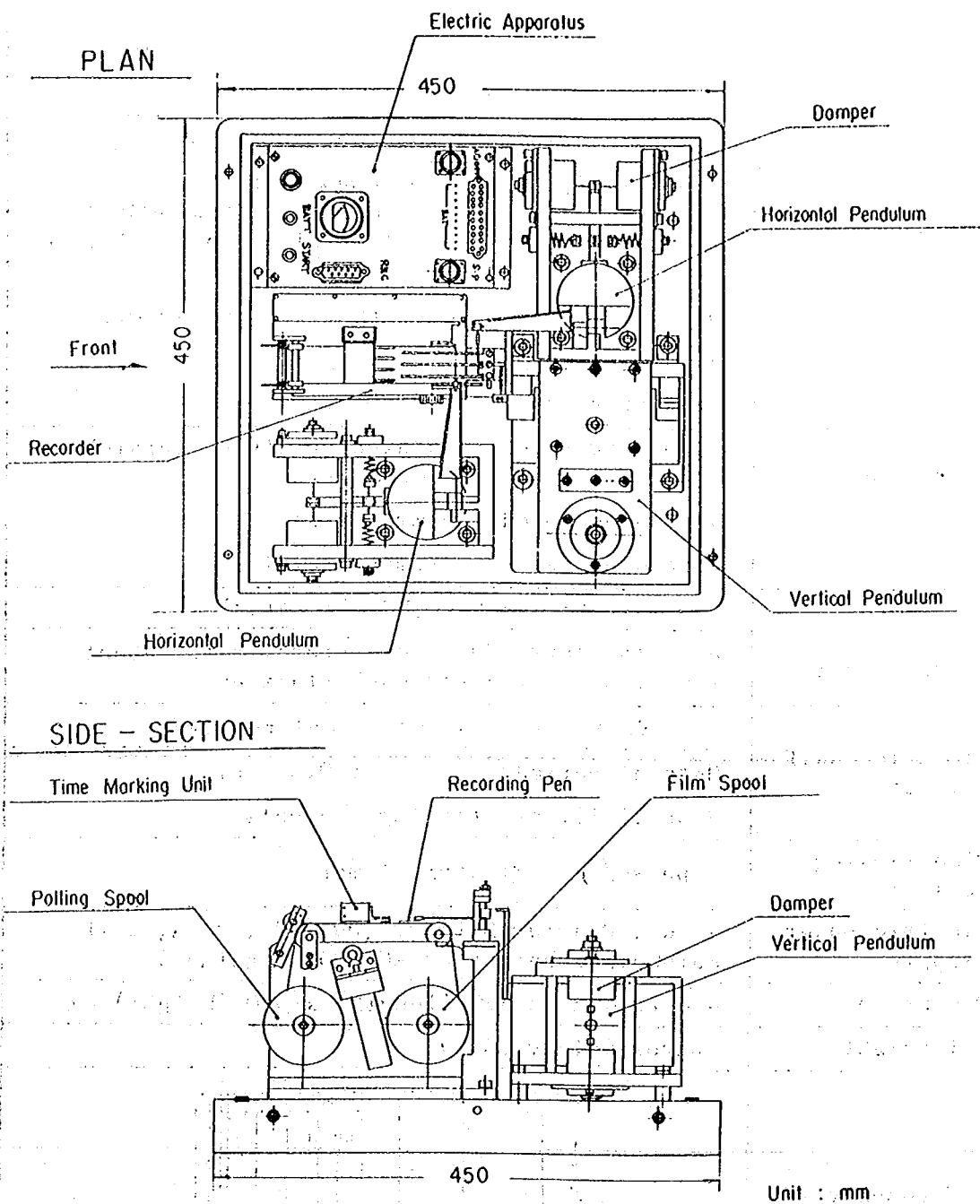


Figure IV -2-2
Illustration of Strong-Motion Accelerograph, SMAC-D

Table IV -2-3 Strong-Motion Accelerograph, SMAC-Q

Parts	Specifications and Characteristics
Pendulum	3-Component Accelerometer
	Natural Period : 0.05 sec. (20 cps)
	Sensitivity : 5mm/1,000 gals on scratch-record-film. 40 mm/1,000 gals by multiplying optically the film by 8.
	Damping : Air damper $h = 0.6$
	Recording Range : 5 ~ 1,000 gals Frequency Range : 0 ~ 20 cps
Recording system	Recording Paper : Scratching Record-Film ϕ 35mm x 45m Recording Film : 5mm per sec. Number of Recording Pen : 3 for recording, 1 for time marker and 1 for base line
Driving part	Micro-water ($\pm$ DC 6V)
	Operates for about 90 seconds for each starting
Electro-self starter	Vertical Component Accelerometer
	Natural Period : 0.22 sec. (4.5 cps) Sensitivity at starting : 10 gals
Time marking system	2 pulse/sec.
Electric power supply	Dry Battery
Dimension	ϕ 400mm x 320mm (height)
Net weight	Approximately 35 Kg
Frequency Characteristics	Frequency (Hz) Recorded Double Amplitude (mm) 200 Gal 100 Gal 50 Gal

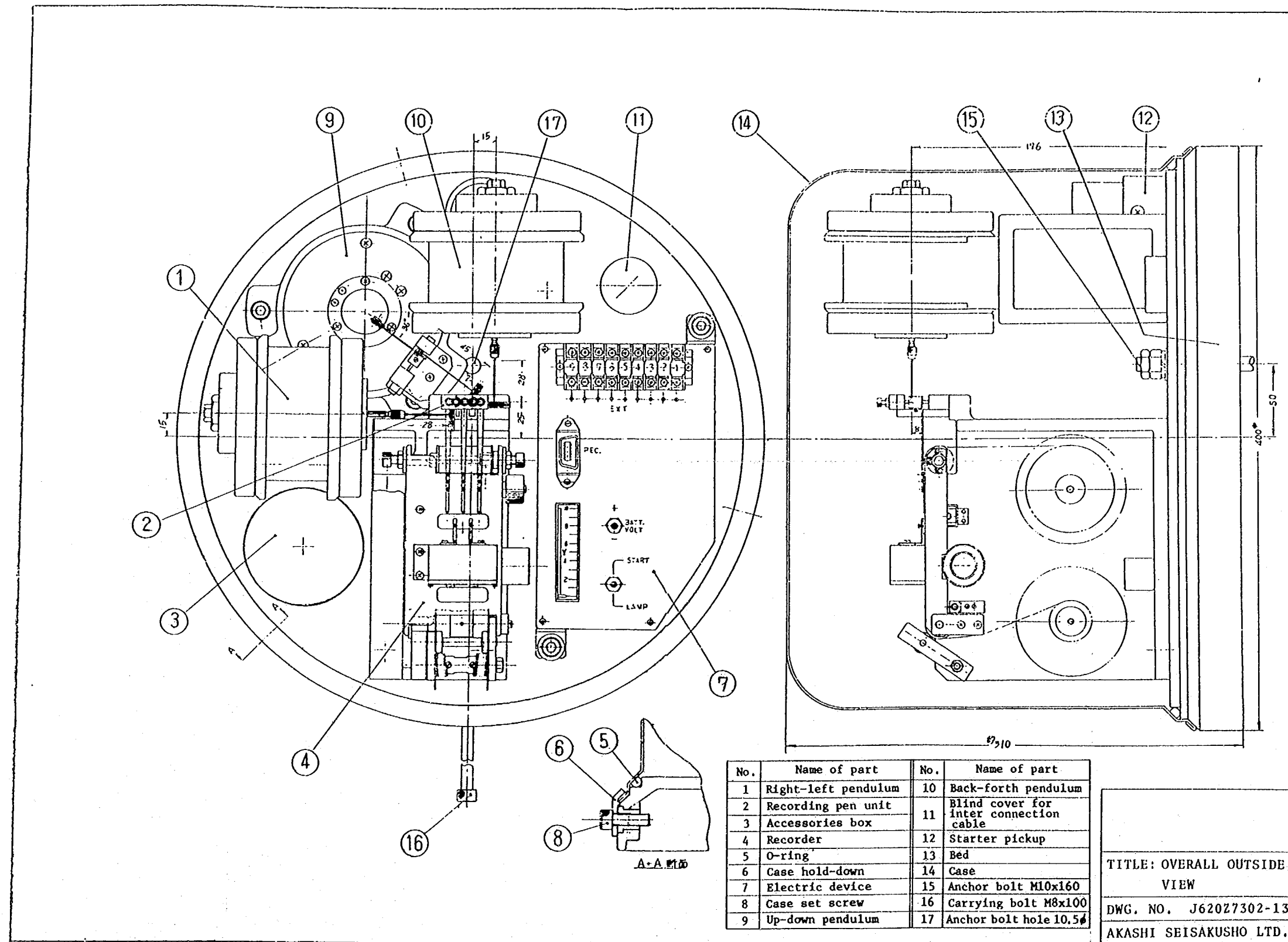
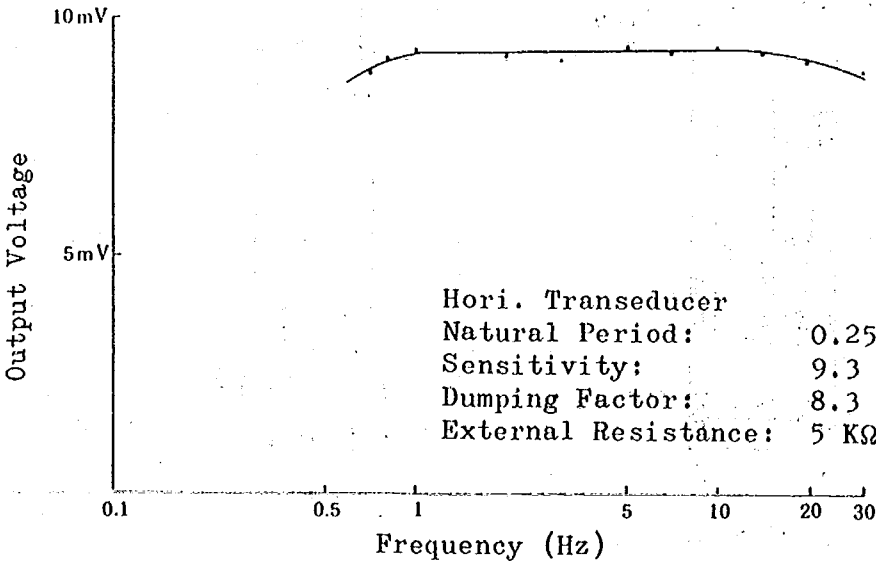


Figure IV-2-3 Strong-Motion Accelerograph, SMAC-Q

Table IV -2-4 Bore-hole Seismograph (TYPE-3203)

Parts	Specifications and Characteristics
Transducer	3-Component Accelerometer
	Natural Period : 0.25 sec. (4 cps) Sensitivity : 7mV/gal Damping Factor : $h \simeq 10$ Recording Range : 400 gals Frequency Range : 0.5 ~ 30 cps
Test Coil	Coil Resistance : 2 K Ω Usage : able to vibrate a pendulum of transducer with oscillator
Declinometer	Principle : Measuring angles from North with a Optical system and Magnetic Compass Accuracy : ± 5 degree
Water-proof	30 Kg/cm ² (at the joint between cable and case)
Dimension and Net Weight	Total length : 2,230 mm Max. Outside Diameter : 130 mm Length of Declinometer : 790 mm Length of Horizontal Transducer : 370 mm Length of Vertical Transducer : 390 mm Net Weight : Approximately 110 Kg
 Output Voltage Frequency (Hz) Hori. Transducer Natural Period: 0.257 sec. Sensitivity: 9.3 mV/gal Damping Factor: 8.3 External Resistance: 5 KΩ	

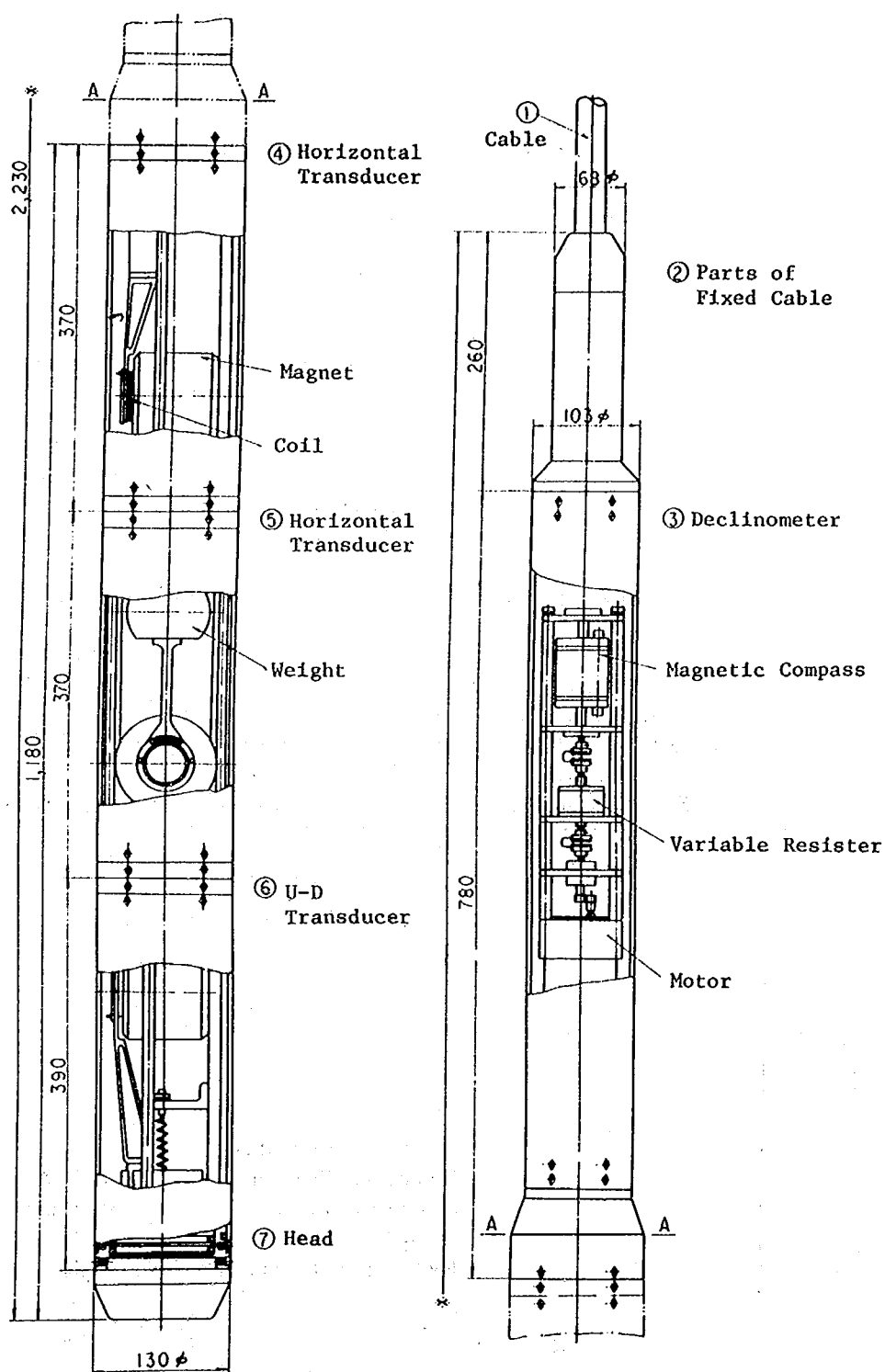


Figure IV-2-4 Bore-hole Seismograph (Type-3203)

付録-3 記録の補正

本資料に収録した地震動記録はSMAC型強震計もしくは電磁式強震計により記録紙上にアナログ量として収録された波形を自動座標変換機（ディジタイザー）により読み取った後に次の2種類の補正を施したものである。

1) 中心軸（基線）の補正

ディジタル化した記録の中心軸を最小二乗法により定めこの中心軸が加速度振幅軸の基線となるよう補正したものである。

2) 円弧補正

SMAC型強震計では、記録ペンの構造上、加速度記録は Figure IV-3-1 に示すように、円弧状の曲線を描く。ディジタル化の際には、見かけの加速度振幅 $\overline{A't'}$ を読み取ってこれを時刻 t' での加速度値としているが、加速度振幅が大きくなるにつれて、真の加速度振幅 $\overline{At}$ およびこれの生ずる時間 t との間の誤差が大きくなる。このような点を正しく補正するために、SMAC型強震計で採取された地震動の記録に対しては、次のような円弧補正を加えている。

Figure IV-3-1 において、見かけの時刻 t' において見かけの加速度振幅 $a' \text{ gal } (\overline{A't'})$ をもつ任意の点 A' は、正しくは時刻 t における加速度振幅 $a \text{ gal } (\overline{At})$ の点 A に対応しなければならない。したがって今、紙送り速度 v が一定であると仮定すると時間軸の補正值 Δt および加速度振幅の補正值 Δa は次式のようになる。

$$\Delta t \equiv t' - t = R(1 - \cos \theta) / v \quad (\text{A3-1})$$

$$\Delta a \equiv OA - OA' = R \sin \theta - R \theta \quad (\text{A3-2})$$

ここで

t : 正しい時刻

t' : 見かけの時刻

R : アーム長

v : 紙送り速度

$$\theta : \sin(a'/R) \quad (\text{A3-3})$$

一般には (A3-3) 式で与えられる θ は極めて小さいため (A3-2) 式で与えられる加速度振幅に対する補正量 Δa は、微小な値となるので (A3-1) 式で与えられる時間軸の補正 (Δt) のみを加えることとしている。

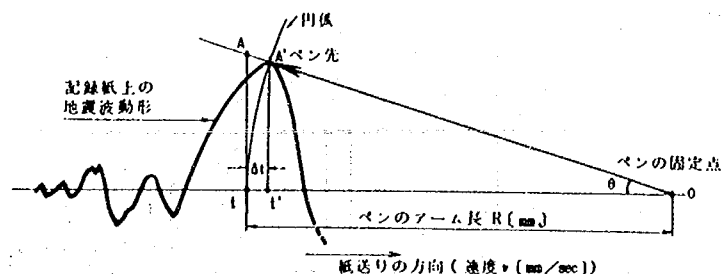


Figure IV-3-1 Arc-Correction of Acceleration Measured by SMAC Type Seismograph

付録-4 加速度応答スペクトル

Figure IV-4-1 に示す質量 m 、ばね係数 k 、減衰係数 c からなる 1 自由度の振動系が $\ddot{z}$ なる地震動の加速度を受けた場合の運動方程式は、次式で表わされる。

$$m\ddot{y} + c\dot{y} + ky = -m\ddot{z} \quad \text{..... (A 4-1)}$$

(A 4-1) 式の解は、次式で与えられる。

$$y = -\frac{1}{\omega p} \int_0^t \ddot{z}(\tau) e^{-ph(t-\tau)} \sin \omega p(t-\tau) d\tau \quad \text{..... (A 4-2)}$$

ここで

$$\omega p = p \sqrt{1-h^2}$$

$$p = \sqrt{k/m} \quad \text{: 固有円振動数}$$

$$h = c/2 \cdot \sqrt{m \cdot k} \quad \text{: 減衰定数}$$

(A 4-2) 式の応答変位 y は系の減衰定数 h をパラメータとして固有周期 T の関数として求められる。応答変位スペクトル (SD) は、応答変位 y の最大値として定義し、次式で表わされる。

$$SD = |y|_{max} = \frac{1}{\omega p} \left| \int_0^t \ddot{z}(\tau) e^{-ph(t-\tau)} \sin \omega p(t-\tau) d\tau \right|_{max} \quad \text{... (A 4-3)}$$

速度応答スペクトル (SV)、加速度 (絶対加速度) 応答スペクトル (SA) は応答変位スペクトル (SD) から近似的に次式で与えられる。

$$SV \simeq \frac{2\pi}{T} \cdot SD \quad \text{..... (A 4-4)}$$

$$SA \simeq \left(\frac{2\pi}{T}\right)^2 \cdot SD \quad \text{..... (A 4-5)}$$

ここで、加速度応答スペクトルの値を入力地震動加速度の最大値 $\ddot{z}_{max}$ で割った値は、いわば地震動の加速に対するその系の応答加速度の倍率を表わしている。これを加速度応答倍率スペクトル β と定義した。

すなわち

$$\beta = SA / \ddot{z}_{max} \quad \text{..... (A 4-6)}$$

である。

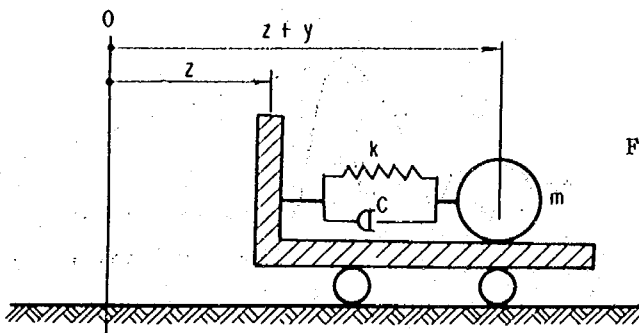


Figure IV-4-1

Response of One
Mass-Spring System

付録-5 英文解説

APPENDIX - 5 ENGLISH DESCRIPTION

Table-1 shows the earthquake motions contained in this issue of report. Identifications in Table-1 are as follows.

INDEX NO.	Index Number of earthquake motions identified at the Public Works Research Institute
RECORD NO.	Number of record presenting three informations, i.e., STATION No., INSTRUMENT and SEQUENCE NO., where STATION NO. : Number representing the place where accelerometers are installed. INSTRUMENT : Identification representing the point where accelerometers are set. For an instance, GR: ground surface PI: pier top of bridge AB: abutment of bridge DA: dam SEQUENCE NO. : Number representing the sequence of earthquake motion recorded by that particular accelerometer
NAME OF STRUCTURE	Name representing the place or region where accelerometers are installed. Generally the name of bridges or dams on which accelerometers are installed is used. Direction of the accelerometer is expressed as follows NS, EW : North-south, East-west LG, TR : Longitudinal and Transverse axis to the principal axis of structure, respectively U-D : Up Down

MAXIMUM ACCELERATION	Unit : gal
TIME	Time when the maximum acceleration is achieved.
DURATION TIME	Unit : seconds
EARTHQUAKE NUMBER	Index number of earthquake identified. Contains two informations, i.e., year and sequence of occurrence of earthquakes. In the case when these informations are uncertain, the earthquake number is left blank.
W.P.	Number of page where earthquake record is presented.
L.P.	Number of page where response spectra of the record is presented.
D.P.	Number of page where digitized values of acceleration are presented.

Table-2 shows the informations of earthquake whose records are expressed in Table-1. Identifications in Table-2 are as follows.

EARTHQUAKE NO.	Refer to Table-1
EPICENTRAL REGION	_____
EARTHQUAKE TIME AND DAY	The time when earthquake occurred. Express in the sequence of year, month, day, hour and minute.
LONGITUDE LATITUDE	Longitude and latitude of epicenter.
DEPTH	Unit : km
MAGNITUDE	Magnitude of earthquake in Richer scale

Table-3 shows informations of earthquake records. Identifications in Table-3 are as follows.

STATION NO.	refer to Table-1
INSTRUMENT	refer to Table-1
SEQUENCE NO.	refer to Table-1
HORIZONTAL-A VERTICAL HORIZONTAL-B	three components of record
NAME OF STRUCTURE	refer to Table-1
LONGITUDE LATITUDE	Longitude and latitude of the point where accelerometers are installed.
Y.M. INSTALLED	Time (Year and month) when the accelerometers were installed
TYPE	Type of accelerometer
MACHINE NO.	Number of products (machine)
EPICENTRAL DISTANCE	Unit : km

Figures 1 ~ 12 show maps on which informations presented in Table-3 are plotted, in which the marks of * and ⊙ indicate the epicenter and accelerometers worked respectively.

Figures IVA-1 ~ IVA-25 show earthquake motions in the sequence of identification number presented in Table-1.

Figures IVS-1 ~ IVS-25 show response spectra (absolute response spectrum / maximum input acceleration) of the earthquake motions presented in Figs. IVA-1 ~ IVA-25.

Table IVD-1 ~ Table IVD-75 show digitized accelerations (gal).

In the case when acceleration records are digitized with an equal time interval, the time interval and the acceleration values are presented. In the case when acceleration records are digitized with unequal time interval, the acceleration values and corresponding times are presented simultaneously.