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ダムサイト岩盤における地震動

昭和57年2月

建設省土木研究所
ダム部フィルダム研究室

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1. は じ め に

ダムサイトで地震動を観測する目的は、第1に基盤の地震動特性そのものを知ること、第2に基盤と堤体の地震動から堤体の地震時挙動を知りダムの耐震設計をより高度化することにある。この報告書は第1の目的を対象として1981年までに建設省関係のダムサイト岩盤で観測された加速度記録を収録し、この特性を分析したものである。

ダムの基礎は他の構造物の基礎に比べて一般に良好な岩盤であることが多い。その理由は第1にダムサイトが河川の上・中流部に選ばれる場合が多く一般に沖積層や洪積層の地盤を基礎とすることは少ないこと、第2にダムは巨大な水圧を支える構造物であることから基礎の受ける大きな荷重強度に耐えるよう、また遮水処理上の点から風化岩等の不良岩は掘削除去されかつ必要な基礎処理が行われることにある。したがってダム基礎の地震動は他の沖・洪積層地盤の地震動とその特性を異にすることが予想される。

ある地点の基岩での地震動は地震の発震機構と途中の伝播経路により決まり、地盤表面での地震動は基岩上の被覆層の特性により定まる。ダムサイト岩盤は近似的には基岩とみなせるから、ダムサイト岩盤の地震動記録はこの意味であらゆる地盤の地震動記録の中で基礎的な資料となろう。

また、わが国の地震の震央分布を見ると、海洋性のマグニチュード8.0クラスの巨大地震と内陸部のマグニチュード6.5クラスのいわゆる直下型地震があるが、ダムサイトは一般には内陸の山岳部に位置しているから、内陸部の震央距離の近い地震を観測する可能性が多い。

本報告書では、1966年より1981年の間に10個所のダムサイトで得られた13地震に対する記録を収録した。記録には計器による補正を加えた後、周波数特性・ピーク値・継続時間等について整理を試みた。

2. 収録した記録の概要

本報告書に収録した地震記録のリストを表-1に示す。対象地震数は13であり、発生日月の古いものから順に並べてある。地震名の欄には、気象庁「地震月報」により地震名が命名されているものはそれを、されていないものは()内におよその震央位置を記した。発生日時、経緯度、マグニチュード、震源深さは地震月報による。ダム名とは記録を採ったダムの名前であり、次にそのダムと地震の震央の距離を記載した。震央距離はダムサイトおよび震央の経緯度より球面三角形の法則を使い計算で求めた。

次式は最大400km離れた二点間に適用することが可能であり厳密解(U・T・M座標展開式)と比較すると両式の間に生ずる差は400kmで100m程度である。

$$\tan \alpha = \frac{\cos \varphi \cdot \sin \frac{\lambda}{2}}{\sin \frac{\Delta \varphi}{2} \cdot \cos \frac{\lambda}{2}} \quad \dots\dots\dots (1)$$

$$\sin \frac{\beta}{2} = \frac{\cos \varphi \cdot \sin \frac{\lambda}{2}}{\sin \alpha} \quad \dots\dots\dots (2)$$

$$\Delta = R \cdot \frac{\pi}{180} \cdot \beta \quad \dots\dots\dots (3)$$

φ : 計算地点と震央の平均北緯

$\Delta \varphi$: 計算地点と震央の北緯差

λ : 計算地点と震央の東経差

R : 地球半径 (6370.3 km)

Δ : 計算地点と震央間の距離 (km)

整理番号は1地震につき1つの番号を与え、1地震を複数のダムサイトで記録しているときは、7-1, 7-2のように添数字を付けた。本報告に記録を載せたダムサイトの位置を図-1に示す。また図-2は記録のマグニチュードと震央距離の関係を示すが、マグニチュードは最小4.9, 最大7.9, 震央距離は最短7 km, 最長235 kmの範囲にある。

記録計器には大別して次の3種類がある。

- 1) SMAC B₂, SMAC Q, SMAC E₂, SMAC D: これらはいずれも明石製作所(株)製作の機械式強震計である。これらの強震計のうちSMAC B₂は周波数の高い領域で感度が悪いので後述のように感度補正を行っている。
- 2) 電磁型: 広瀬ダムの電磁型は国際機械振動研究所(株)製作, その他のものはすべて勝島製作所(株)製作のものである。

3) 皆瀬ダムの石本式とは玉屋保坂製で原理としては電磁式である。

成分の欄は加速度の記録方向を示すものでNS, EWは方位でそれぞれ南北, 東西を, X, Y, Z はそれぞれ上下流, ダム軸, 鉛直方向を意味する。

各ダムにおける計器の設置場所を図-3 ~12に示す。ダムによって地震計の設置場所は異なる。裾花, 四十四田, 横山, 広瀬, 湯田, 鳴子の6ダムでは地盤の加速度計はアバットメントのトンネル内に設置されている。ただし裾花ダムの1, 2, 3の記録は, この地震を観測した当時ダムが工事中であったので, 図とは別の調査横坑に設置されていた。三保ダムでは, 7-1についてはダムが工事中であったため, ダムサイト下流の河床の露頭岩盤上に設置されていた。12-1と13-1は図-6に示す下流法尻, 12-2と13-2はコアゾーン下部の底設監査廊内に設置されている。樽水ダムの強震計も底設監査廊内に設置されている。

皆瀬ダムの基礎の地震計は, 洪積世の砂礫堆積層中に入れられたコンクリートコアウォール下部の監査廊内に設置されており, コアウォールの基礎は第3紀の凝灰質頁岩に岩着されている。

鶴田ダムの基礎の地震計は, 貯水池側の岩盤表面に設置されている。

表 - 1 地

地震名(震央位置)	発 生 日 時	経 度	緯 度	マグニチュード
松代郡発地震	1966.5.28/14:21	138° 13'	36° 34'	5.3
松代郡発地震	1966.8.20/19:50	138° 16'	36° 32'	4.9
松代郡発地震	1967.12.9/11:10	138° 05'	36° 52'	4.4
1968年十勝沖地震	1968.5.16/ 9:49	143° 35'	40° 44'	7.9
(岐阜県中部)	1969.9. 9/14:15	137° 04'	35° 47'	6.6
(岩手県北部海岸)	1974.9. 4/18:20	141° 56'	40° 11'	5.6
(山梨県東部)	1976.6.16/ 7:36	139° 00'	35° 30'	5.5
(岩手県沖)	1976.7. 8/20:47	142° 26'	40° 14'	5.9
(宮城県沖)	1978.2.20/13:37	142° 12'	38° 45'	6.7
1978年宮城県沖地震	1978.6.12/17:14	142° 10'	38° 09'	7.4
(鹿児島県北部)	1979.3.17/12:26	130° 34'	31° 57'	4.9
(伊豆半島東方沖)	1980.6.29/16:20	139° 14'	34° 55'	6.7
(山梨県東部)	1981.4.14/19:09	138° 55'	35° 28'	4.5

震 記 録 リ ス ト

深さ (km)	ダ ム 名	震央距離 (km)	整理番号	記 録 計 器	成 分	最大加速度 (gal)
0	裾 花	17	1	SMAC B ₂	NS	77
					EW	73
0	裾 花	23	2	SMAC B ₂	NS	163
					EW	279
0	裾 花	21	3	SMAC B ₂	X	60
					Y	32
					Z	21
0	四十四田	235	4	電磁式	Y	51
0	横 山	60	5	SMAC B ₂	X	14
					Y	19
					Z	17
40	四十四田	84	6	電磁式	Y	16
20	三 保	12	7-1	SMAC Q	NS	193
					EW	139
					Z	51
	広 瀬	42	7-2	電磁式	X _T	27
					Y _T	29
					Y _O	65
30	四十四田	122	8-1	電磁式	Y	4
	湯 田	168	8-2	電磁式	X	5
					Y	6
					Z	4
50	樽 水	140	9	SMAC E ₂	X	63
					Y	102
					Z	37
40	鳴 子	141	10-1	電磁式	X	68
					Y	61
					Z	39
	湯 田	169	10-2	電磁式	X	25
					Y	22
					Z	21
	樽 水	117	10-3	SMAC E ₂	X	184
					Y	236
					Z	84
	皆 瀬	167	10-4	石本式	X	48
					Y	26
					Z	21
20	鶴 田	7	11	SMAC D	X	360
					Y	186
					Z	94
10	三 保	56	12-1	SMAC Q	X	31
					Y	33
					Z	12
			12-2	電磁型	X	23
					Y	19
					Z	13
20	三 保	13	13-1	SMAC Q	X	32
					Y	38
					Z	11
			13-2	電磁型	X	23
					Y	30
					Z	14

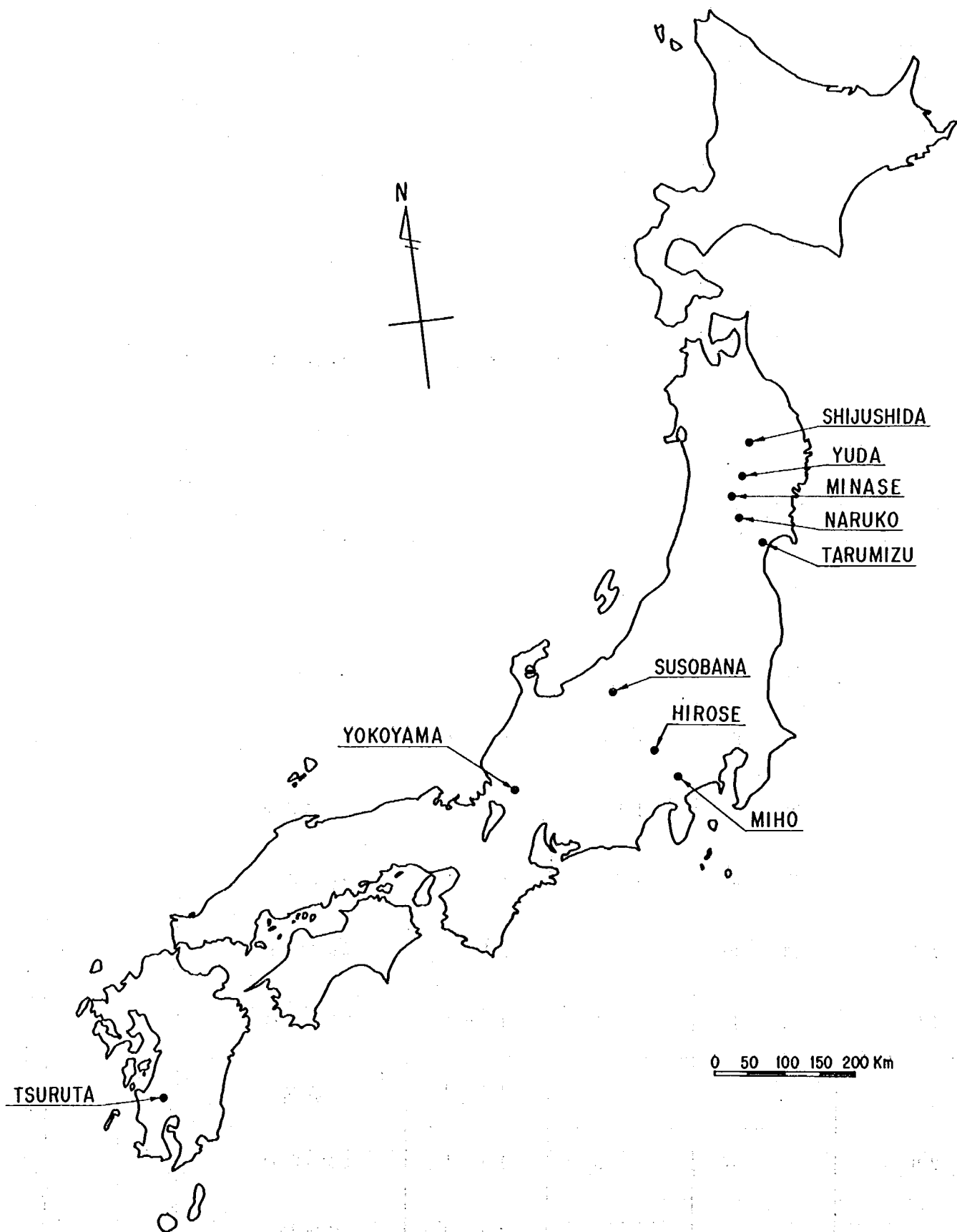


図-1 ダムサイトの位置

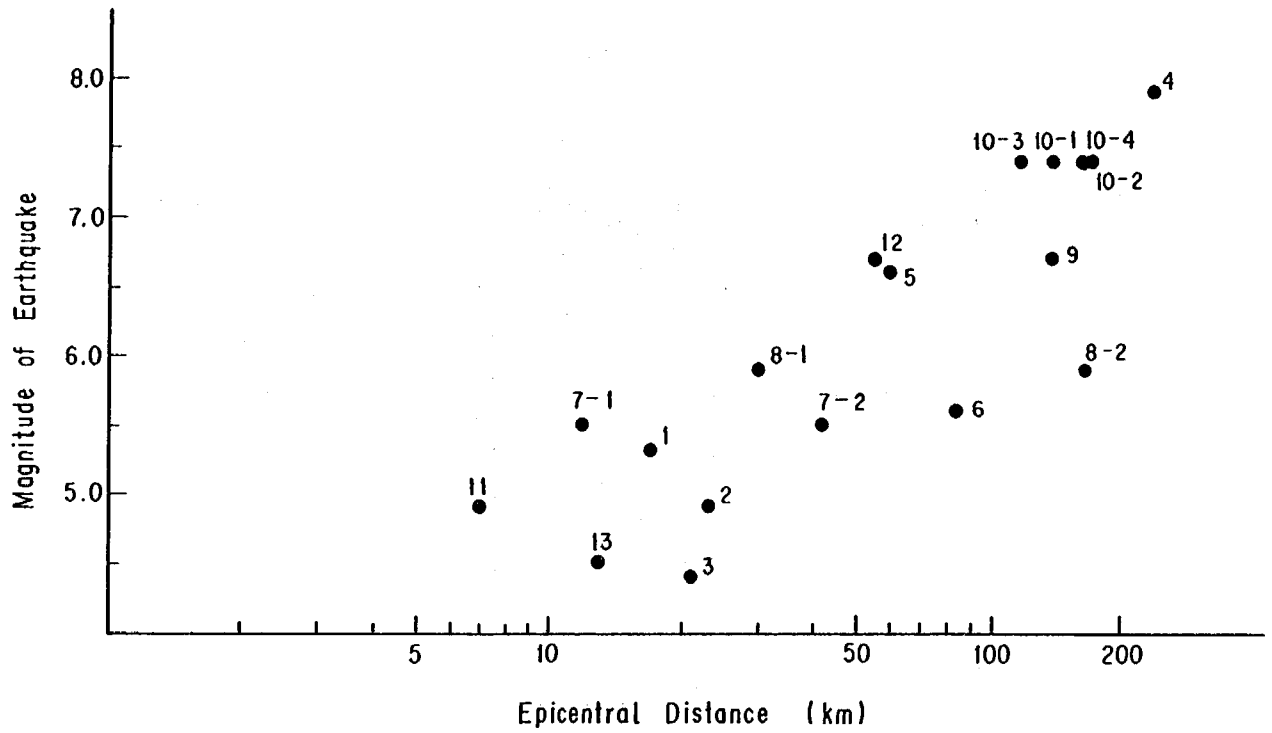


图-2 Magnitude and Epicentral Dispence of Recorded Earthquakes

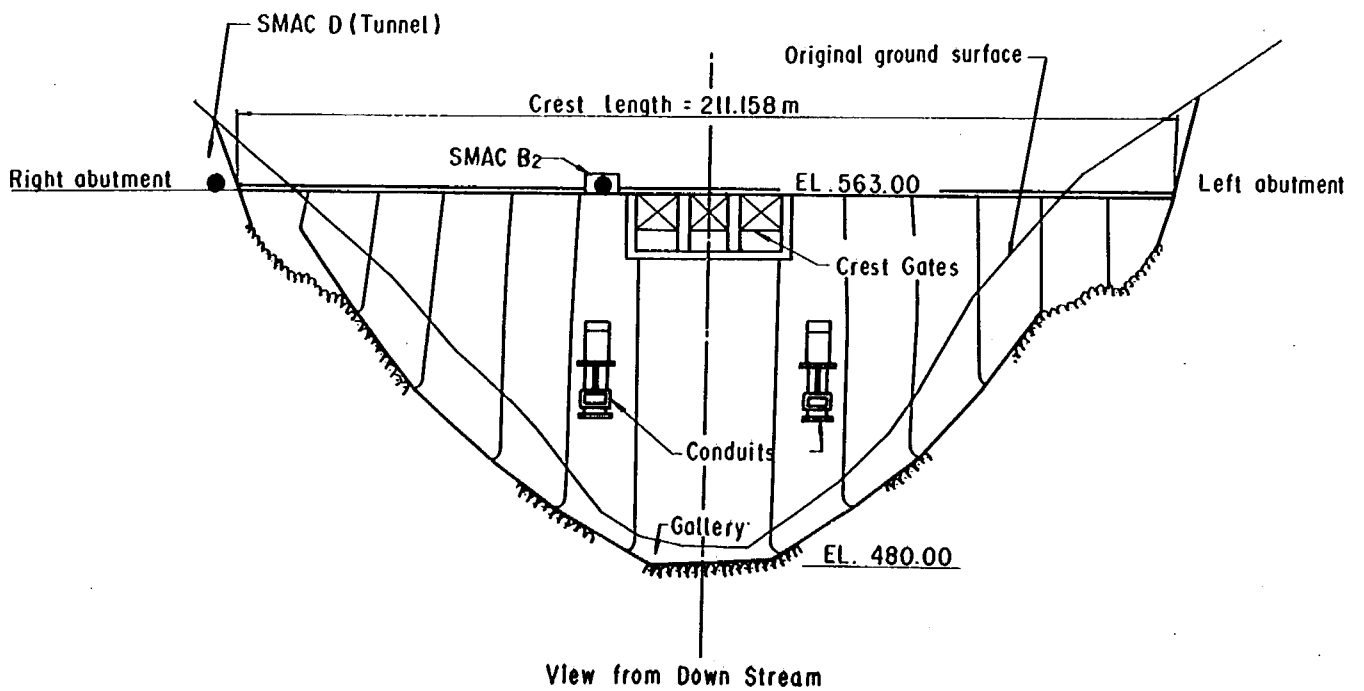
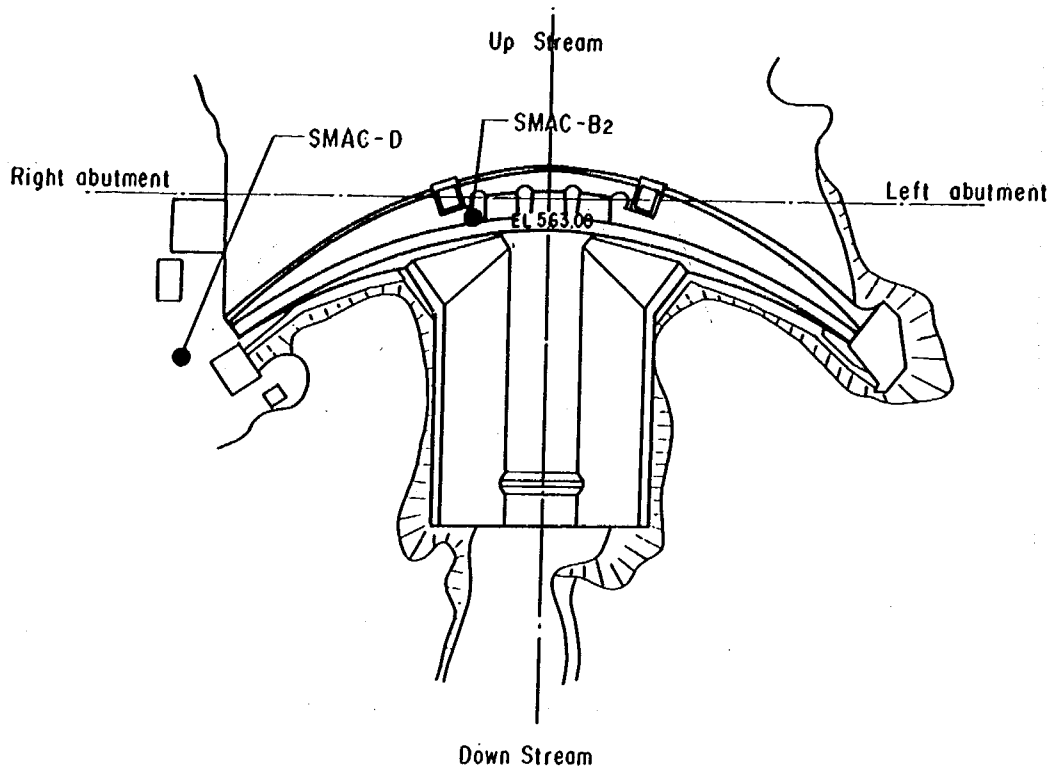
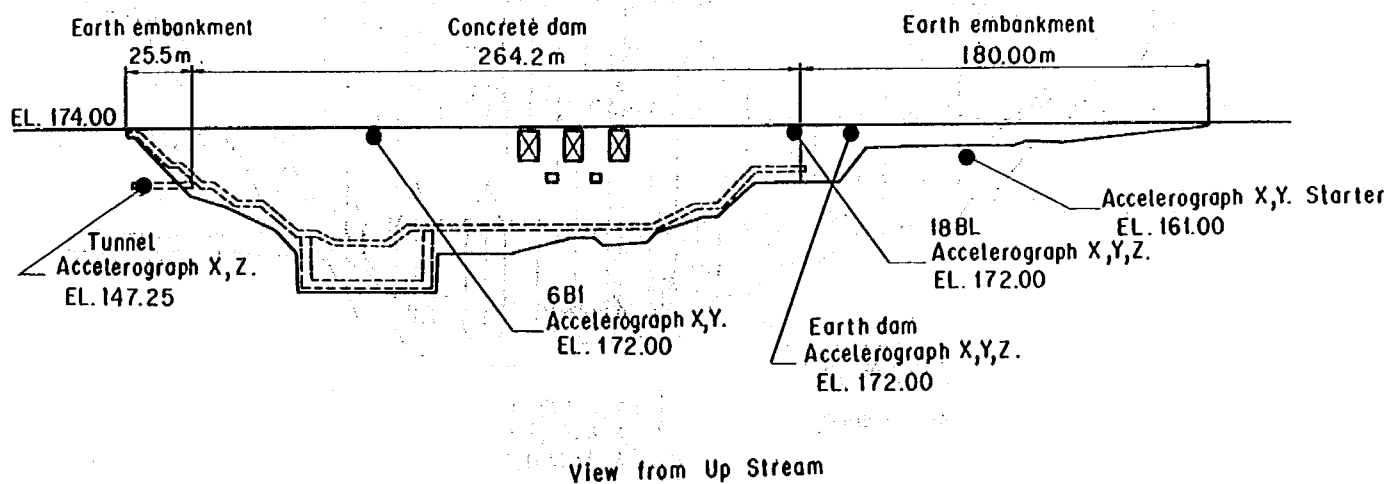
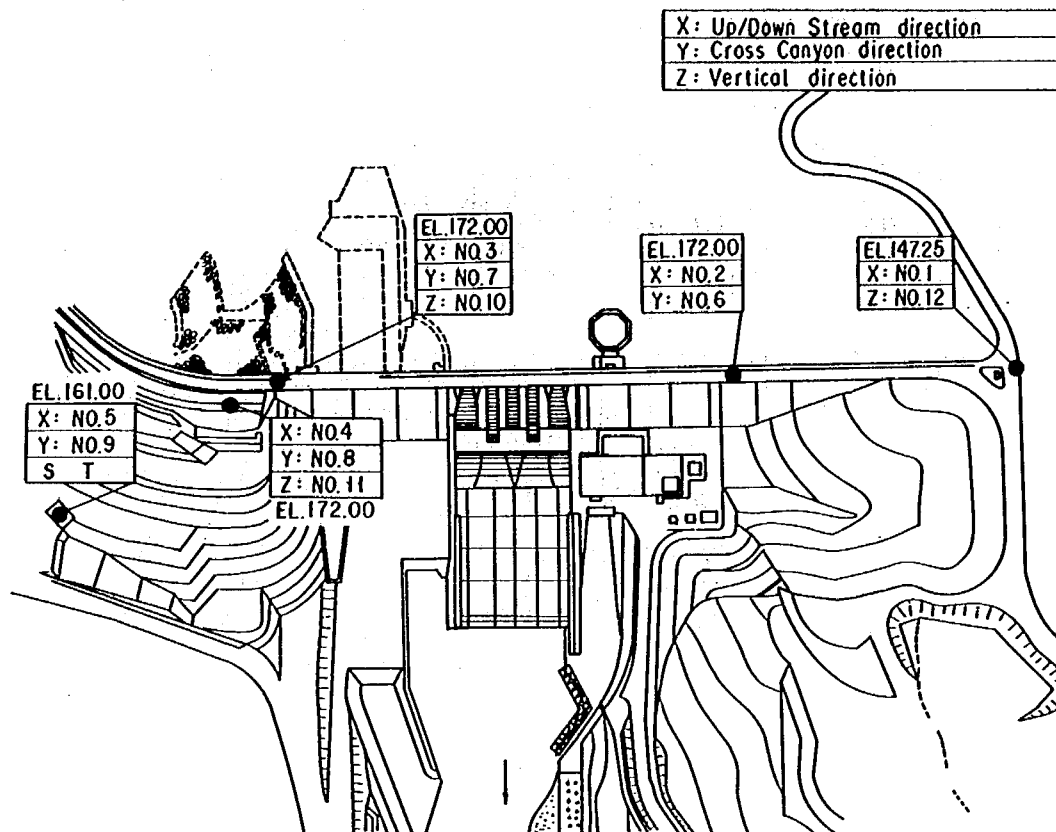


图-3 SUSOBANA DAM



□ - 4 SHIJUSHIDA DAM

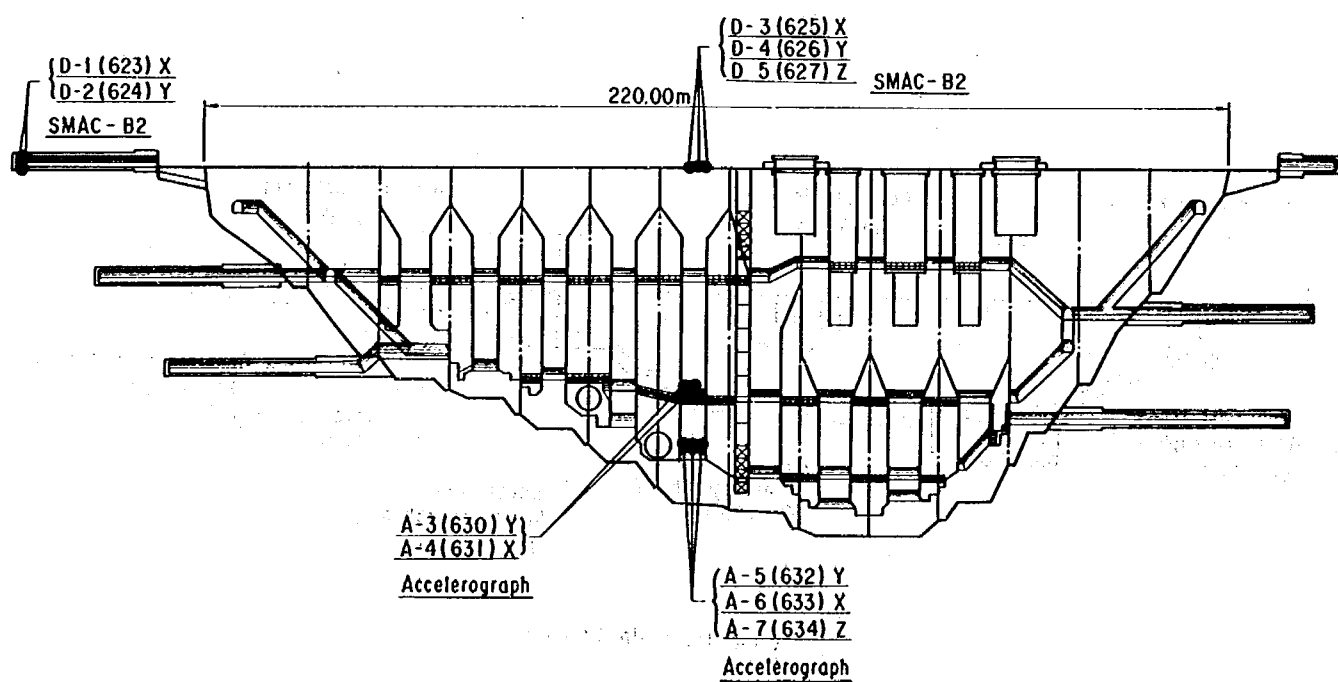
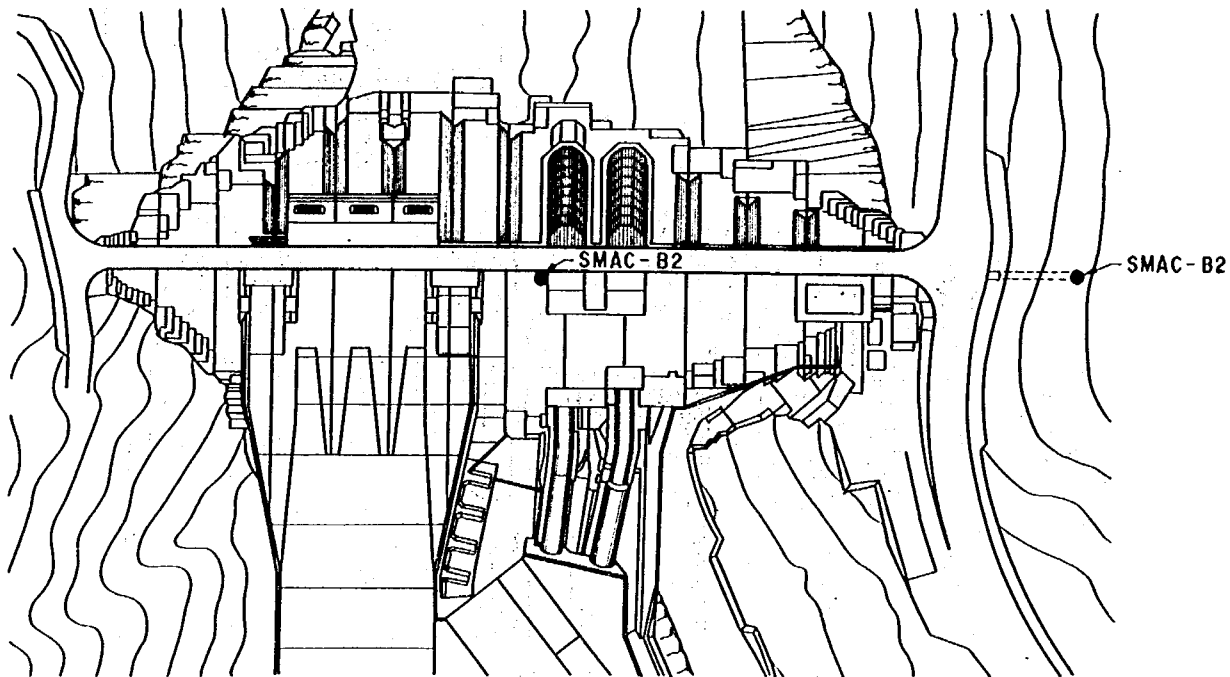


図-5 YOKOYAMA DAM

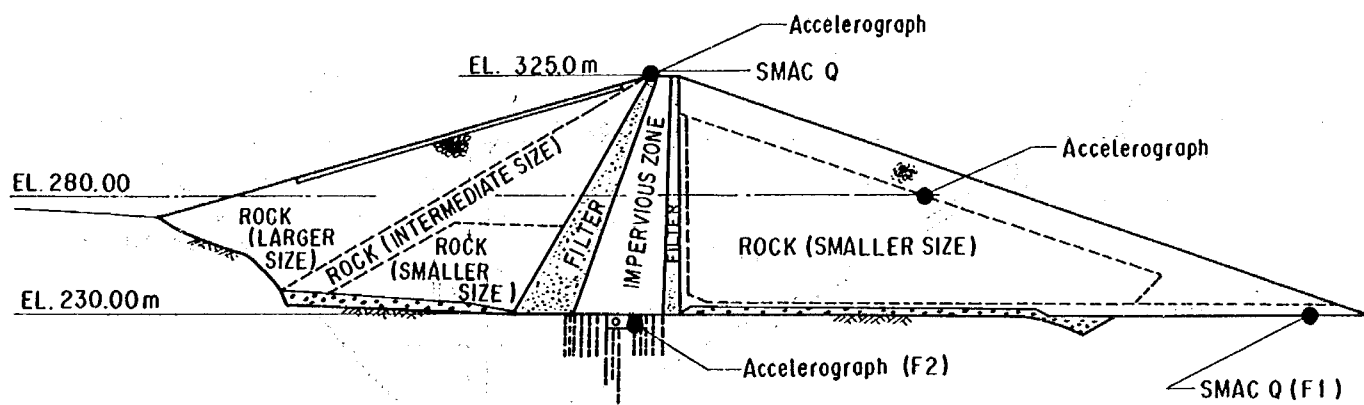
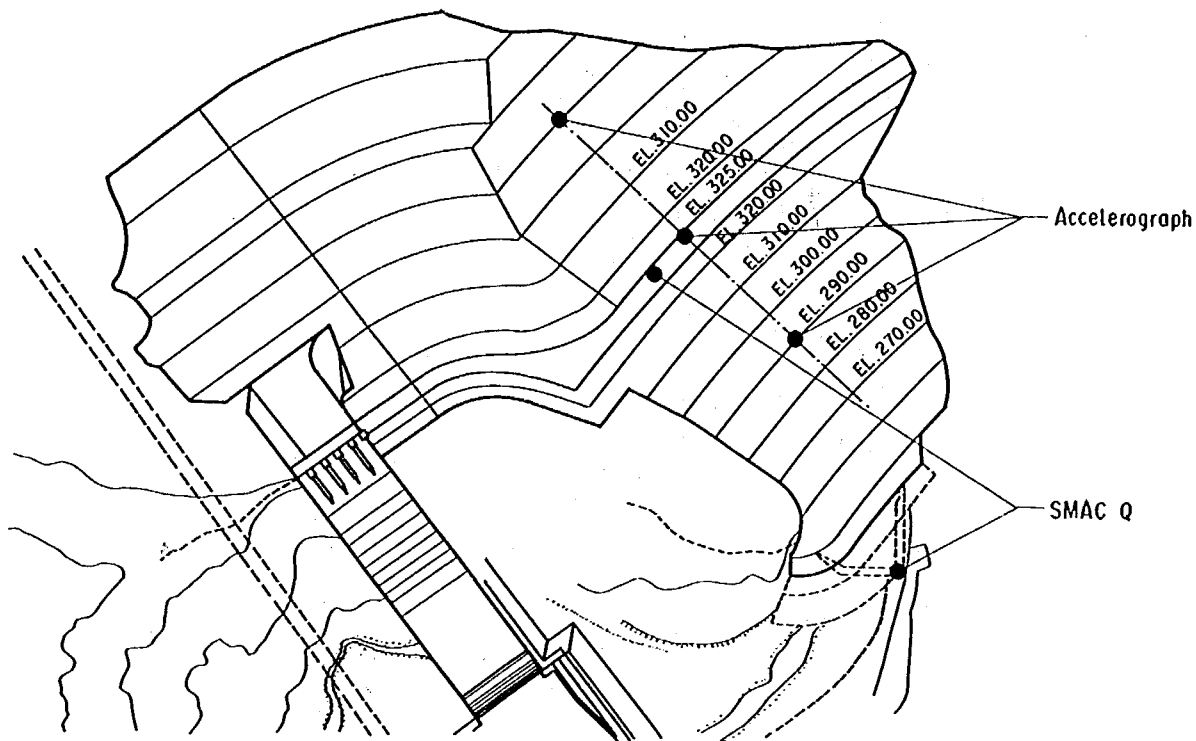


図-6 MIHO DAM

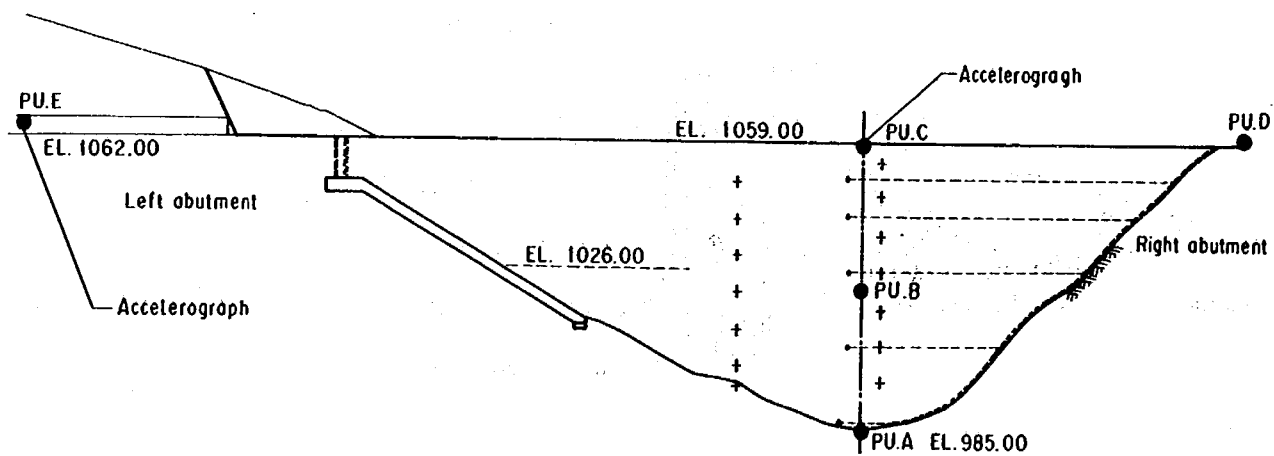
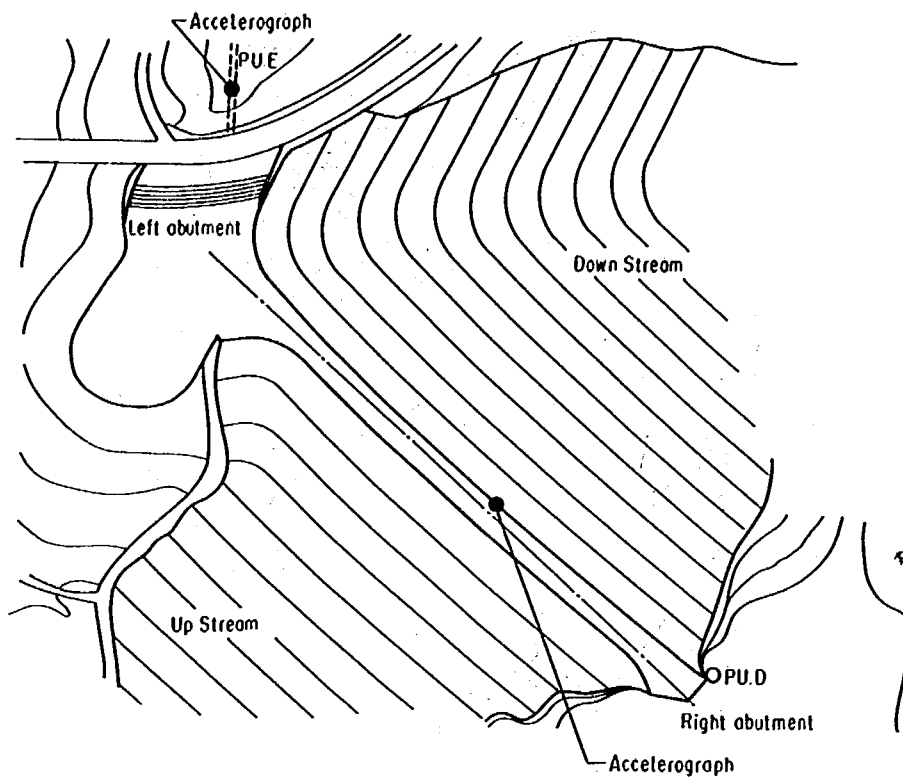


図-7 HIROSE DAM

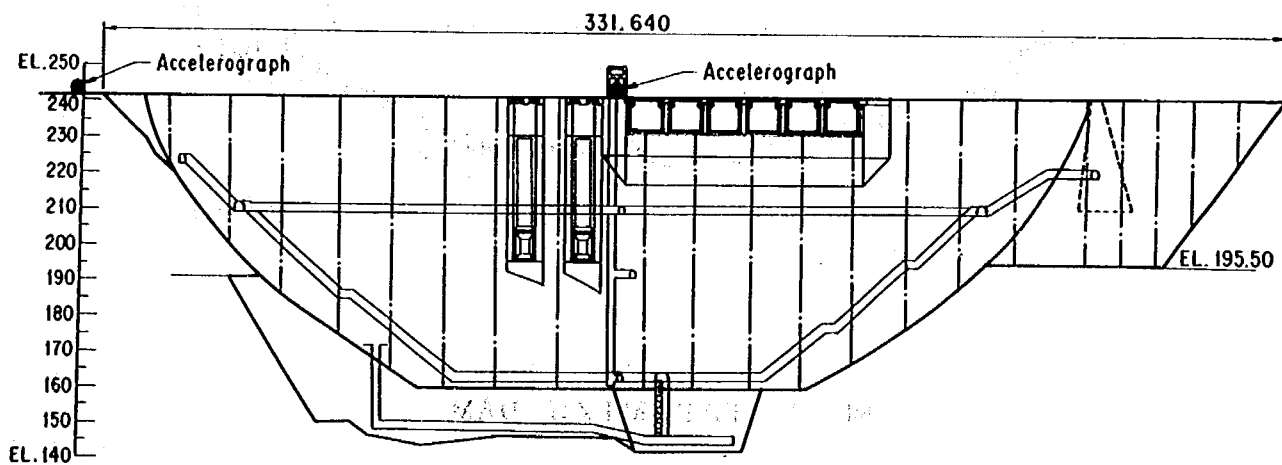
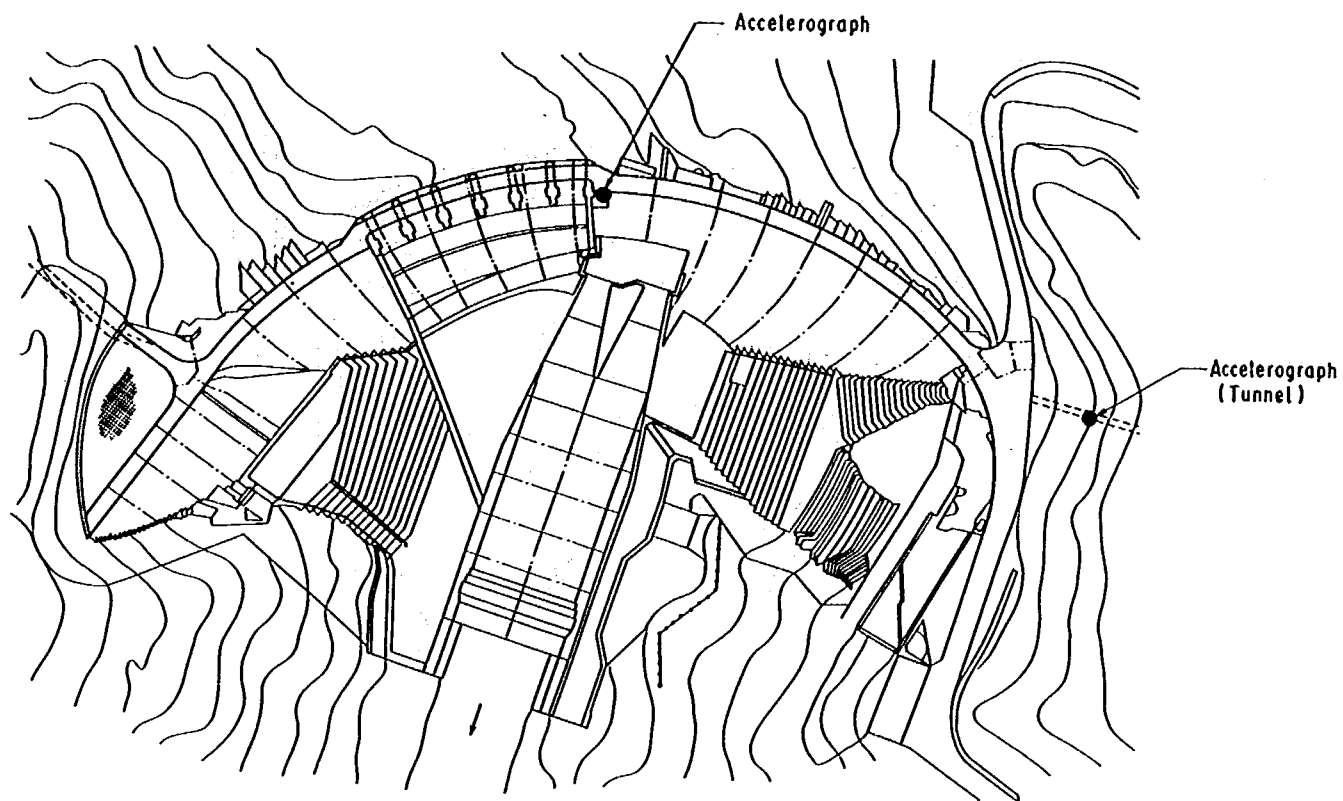
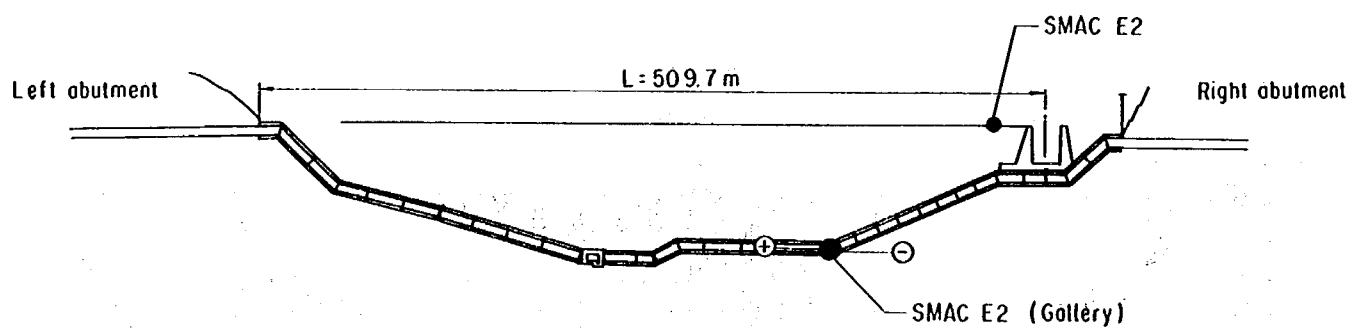
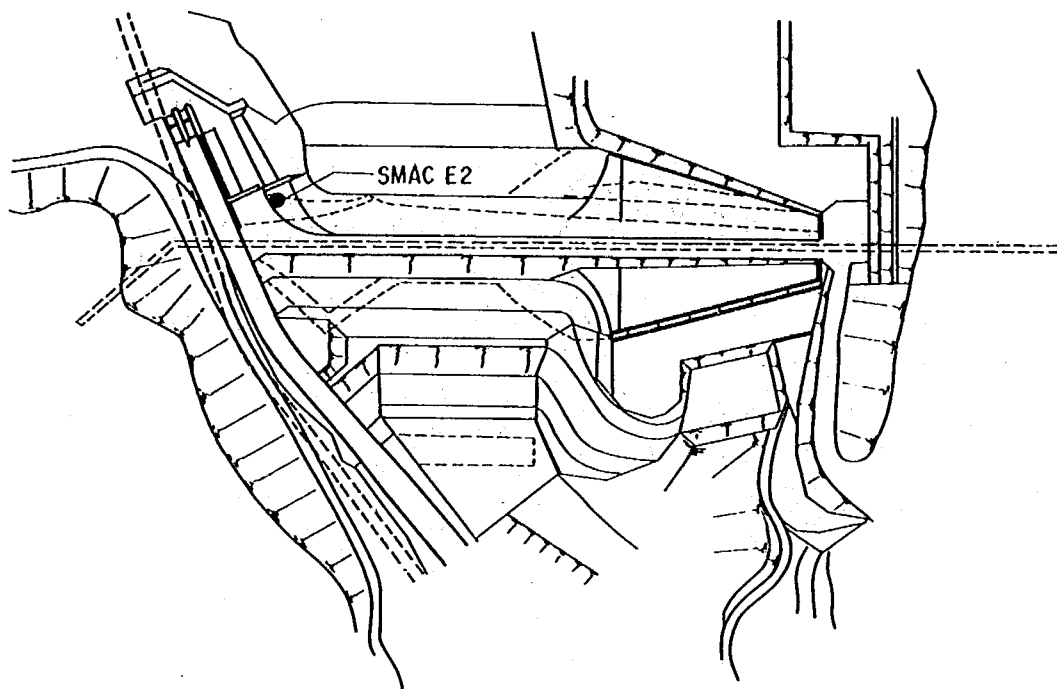
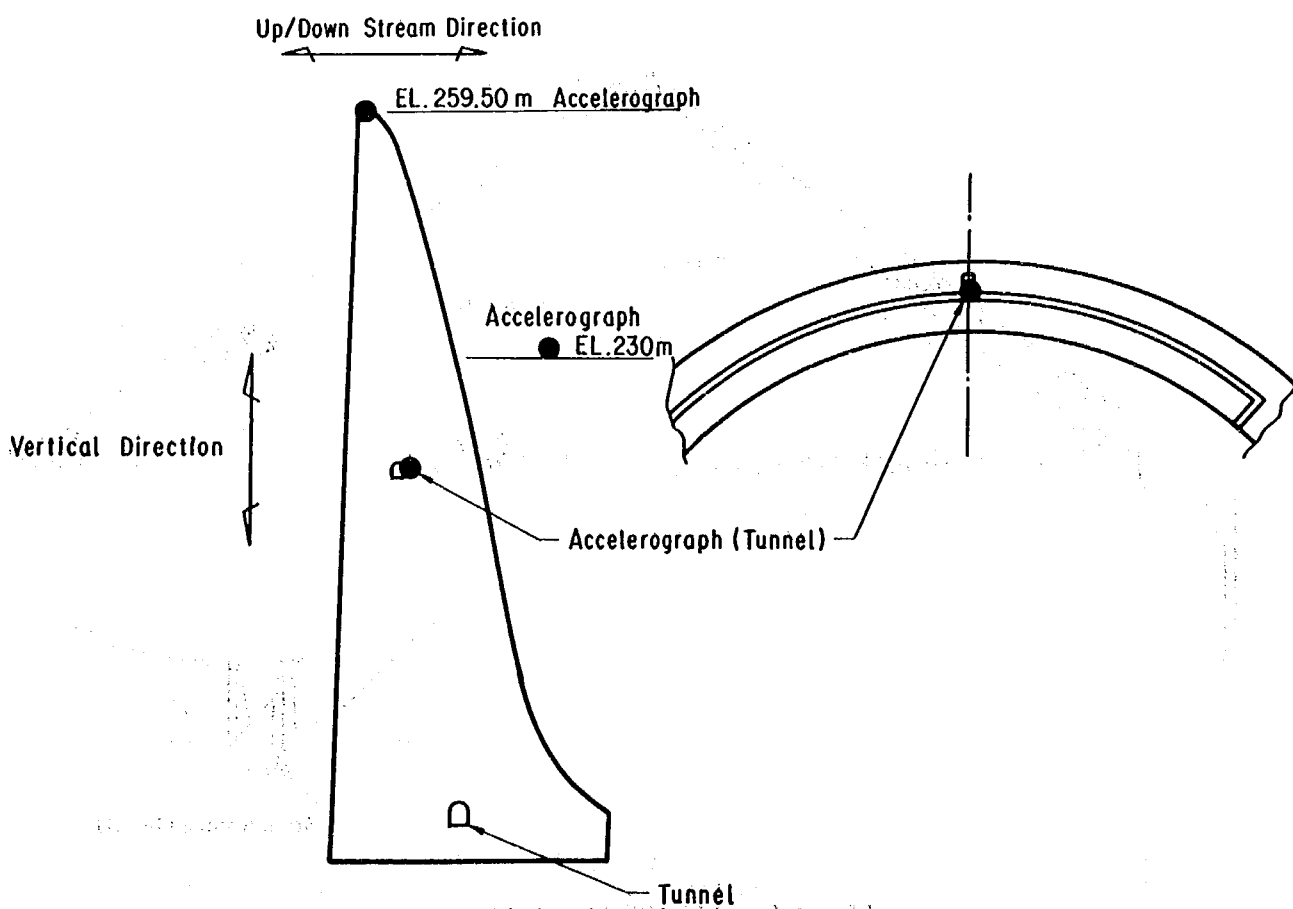
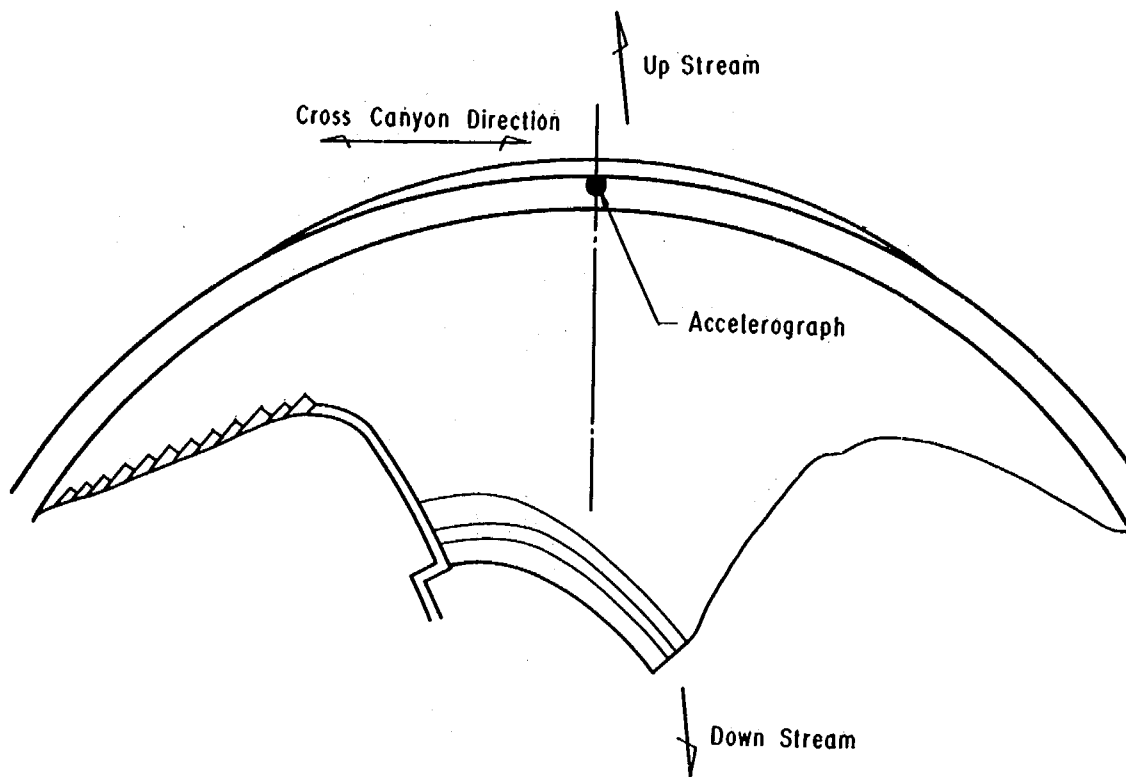


图-8 YUDA DAM



☒-9 TARUMIZU DAM



☒ - 10 NARUKO DAM

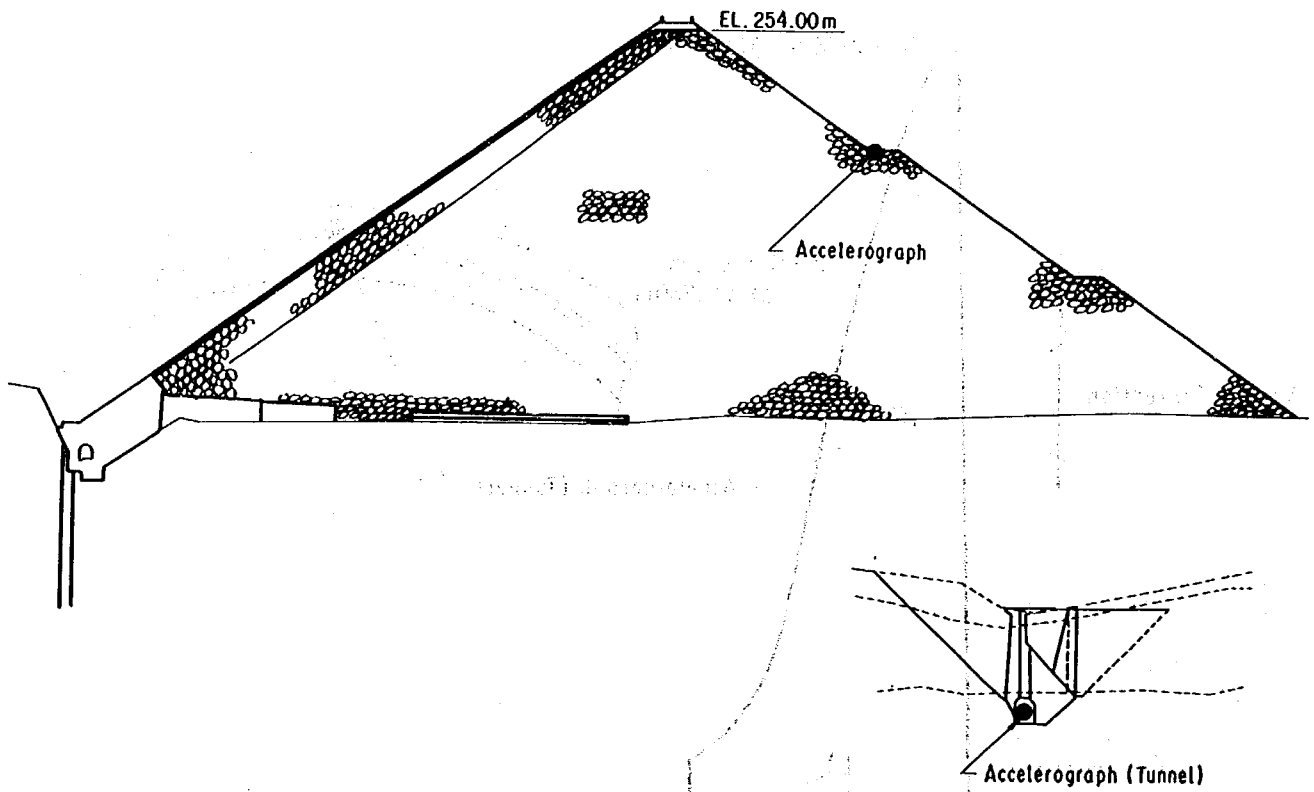
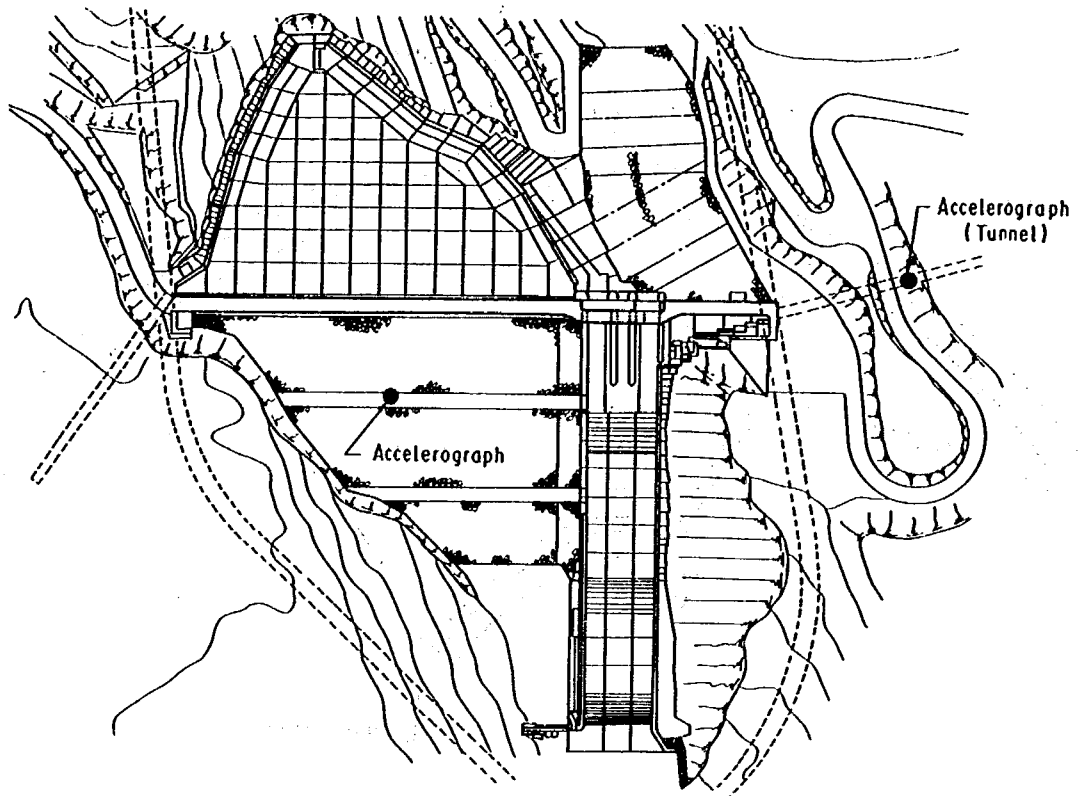
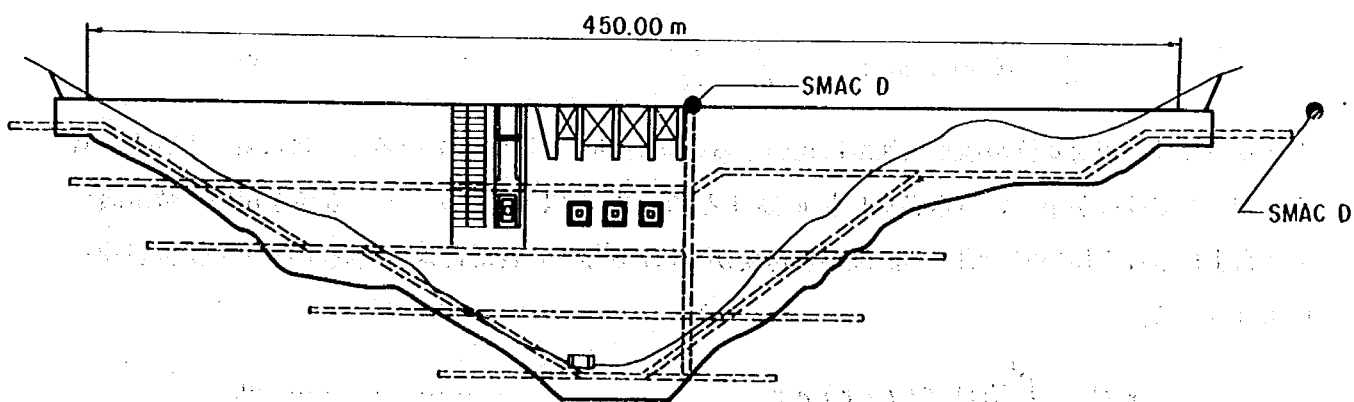
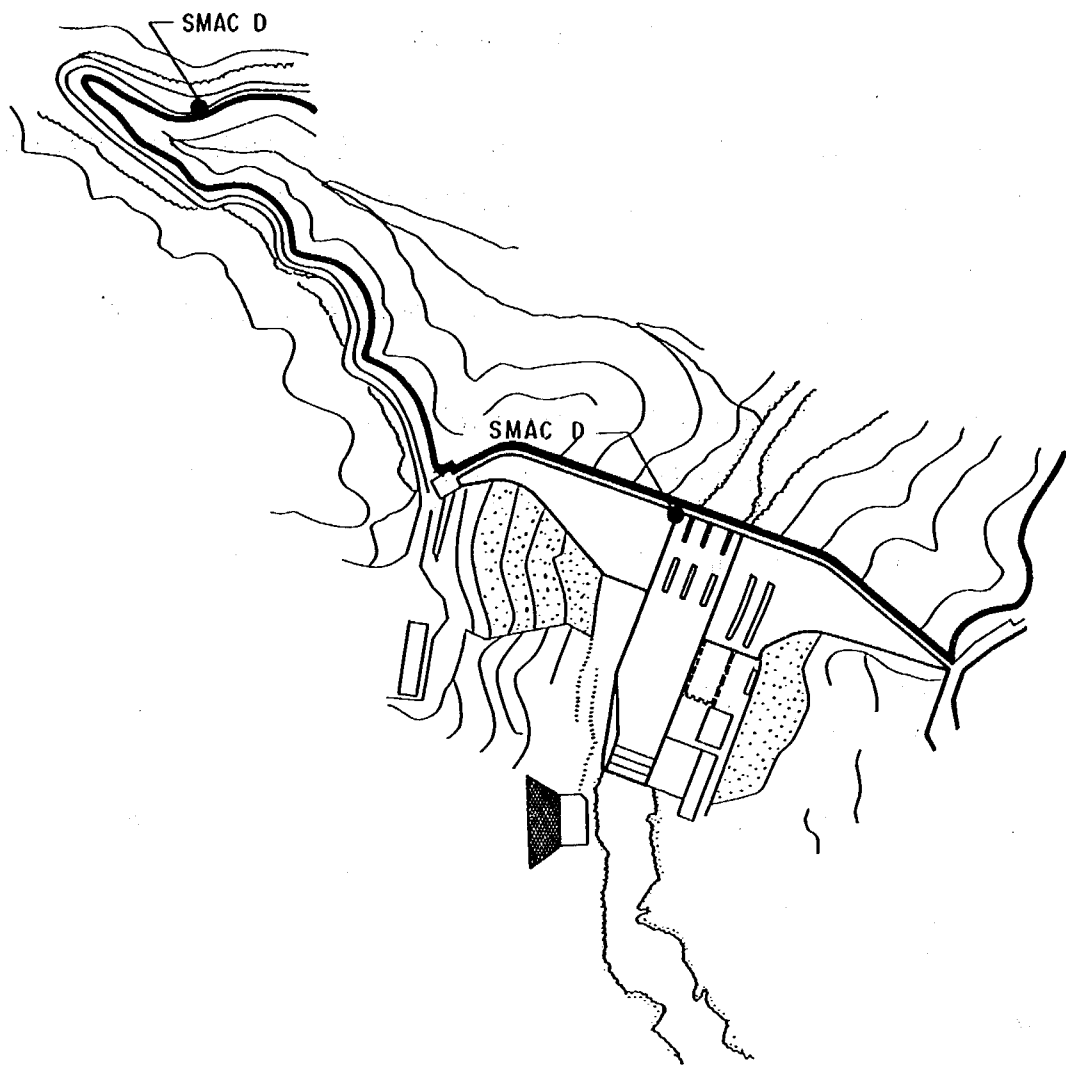


図-11 MINASE DAM



☒ - 12 TSURUTA DAM

3. 記 録 の 特 性

記録はすべて加速度記録である。原波はまず不等間隔のディジタル値で読みとった後、SMAC 型記録についてはペンの円弧補正をほどこし、 $\frac{1}{100}$ 秒間隔に直線補間した。これを資料Eにディジタル値のリストとして示す。

SMAC B₂ 型は公称、固有振動数 7.14 Hz、減衰定数 1.0 の強震計で、固有振動数が低いため高振動数域での感度が著しく低い。

地震計を 1 自由度系と考え、固有円振動数を ω 、減衰定数を h とし、今地震計が $y = y_0 \sin \omega_0 t$ なる強制振動を受けたとき地震計の質量部の固定点に対する相対変位の定常解 x は

$$x = \frac{1}{\omega^2} \cdot V_a \cdot y_0 \cdot \omega^2 \sin(\omega_0 t - \phi) \quad \dots\dots\dots (4)$$

ここに、

$$V_a = \frac{1}{\sqrt{(1 - \frac{1}{u^2})^2 + \frac{4h^2}{u}}} \quad \dots\dots\dots (5)$$

$$\phi = \tan^{-1} \frac{2hu}{u^2 - 1} \quad \dots\dots\dots (6)$$

$$u = \frac{\omega}{\omega_0} \quad \dots\dots\dots (7)$$

$u \gg 1$ であれば

$$V_a \doteq 1$$

$$\phi \doteq 0$$

とみなされるから式(4)は、

$$y \doteq \frac{y_0}{\omega^2} \omega_0^2 \sin \omega_0 t = - \frac{1}{\omega^2} \frac{d^2 y}{dt^2} \quad \dots\dots\dots (8)$$

となり地震計の相対変位が地動加速度に比例するので加速度を記録していることになる。しかし SMAC B₂ 型では ω が小さいから必ずしも $u \gg 1$ と言えない。以下高速フーリエ変換を用いた数値演算の都合上複素数を用いて説明する。地盤加速度が $\ddot{y}(t)$ で与えられたときの地震計の相対変位は次式により求まる。

$$x(t) = \int_0^t \ddot{y}(\tau) \zeta(t - \tau) d\tau \quad \dots\dots\dots (9)$$

ここに、

$$\zeta(t) = - \frac{1}{\omega_d} e^{-h\omega t} \sin \omega_d t \quad \dots\dots\dots (10)$$

$$\omega_d = \omega \sqrt{1 - h^2} \quad \dots\dots\dots (11)$$

前述の説明のように加速度記録 $x_a(t)$ とは近似的に地震計の相対変位 $x(t)$ に $-\omega^2$ を乗じたものである。すなわち、

$$x_a(t) = -\omega^2 x(t) \quad \dots\dots\dots (12)$$

式(9)を式(12)に代入すれば、

$$x_a(t) = -\omega^2 \int_0^t \dot{y}(\tau) \zeta(t-\tau) d\tau \quad \dots\dots\dots (13)$$

式(13)にフーリエ変換を行うと、

$$X_a(\Omega) = -\omega^2 \cdot \ddot{Y}(\Omega) \cdot Z(\Omega) \quad \dots\dots\dots (14)$$

ここに、

$$X_a(\Omega) = \int_{-\infty}^{\infty} x_a(t) e^{-i\Omega t} dt \quad \dots\dots\dots (15)$$

$$\ddot{Y}(\Omega) = \int_{-\infty}^{\infty} \ddot{y}(t) e^{-i\Omega t} dt \quad \dots\dots\dots (16)$$

$$\begin{aligned} Z(\Omega) &= \int_{-\infty}^{\infty} \zeta(t) e^{-i\Omega t} dt \\ &= -\frac{1}{\omega_d} \left[\frac{e^{-(h\omega + i\Omega)t} \{ -(h\omega + i\Omega) \sin \omega_d t - \omega_d \cos \omega_d t \}}{(h\omega + i\Omega)^2 + \omega_d^2} \right]_0^{\infty} \\ &= -\frac{1}{\omega^2 - \Omega^2 + 2ih\omega\Omega} \quad \dots\dots\dots (17) \end{aligned}$$

式(14)と(17)から、

$$X_a(\Omega) = \frac{\omega^2}{\omega^2 - \Omega^2 + 2ih\omega\Omega} \ddot{Y}(\Omega) \quad \dots\dots\dots (18)$$

式(18)を更に変形して

$$X_a(\Omega) = \frac{1}{\sqrt{\{1 - (\frac{\Omega}{\omega})^2\}^2 + \{2h(\frac{\Omega}{\omega})\}^2}} e^{-i\varphi} \ddot{Y}(\Omega) \quad \dots\dots\dots (19)$$

ここに、

$$\varphi = \tan^{-1} \frac{2h(\frac{\Omega}{\omega})}{1 - (\frac{\Omega}{\omega})^2} \quad \dots\dots\dots (20)$$

式(19)から地動加速度の振動数が5 Hz, 10 Hz のときにはSMAC B₂ の加速度出力はそれぞれ振幅で67%, 34%であることがわかる。

土木研究所振動研究室のSMAC B₂ 型強震計の試験結果^{d)}を図-13, 14に示す。図-13によれば、振幅については理論式通りの感度であること、図-14によれば、位相角についてはやや理論値とは偏り

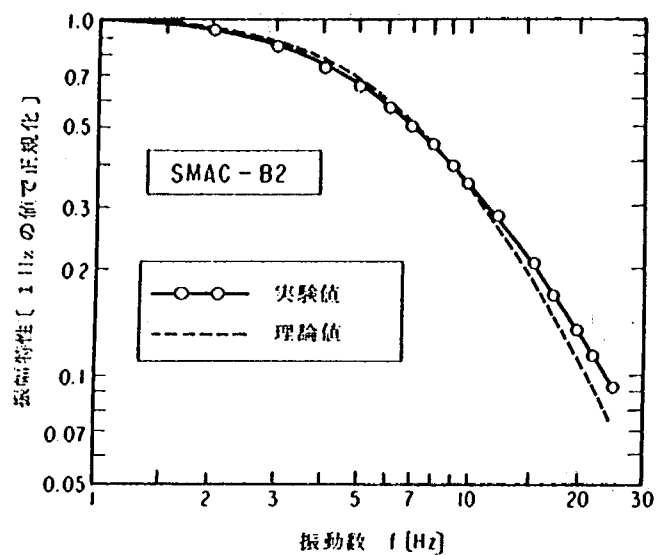


図-13 B2型強震計の振幅特性

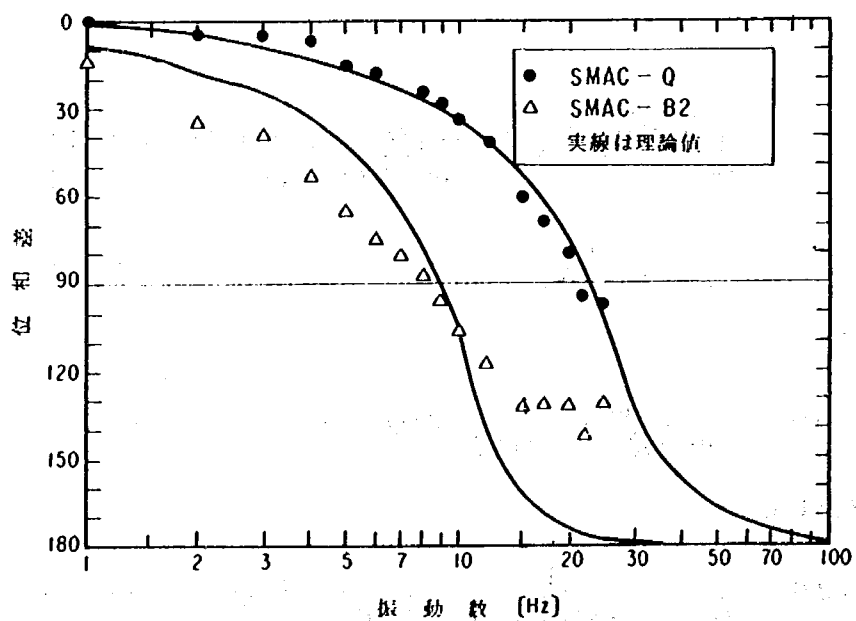


図-14 位相特性

があることがわかる。本報告書では、図-13, 14 より, SMAC B₂ の原波の周波数補正は、全体としては簡単な 1 自由度系の振動理論に基づいて行ってよいと考えた。すなわち、式-(18)より真の地動フーリエスペクトルを求める。

$$\ddot{Y}(\Omega) = \left\{ 1 - \left(\frac{\Omega}{\omega} \right)^2 + 2ih \left(\frac{\Omega}{\omega} \right) \right\} X_a(\Omega) \quad \dots\dots\dots (21)$$

真の地動加速度時刻歴 $\ddot{y}(t)$ は次式により求まる。

$$\ddot{y}(t) = \frac{1}{2\pi} \int_{-\infty}^{\infty} \left\{ 1 - \left(\frac{\Omega}{\omega} \right)^2 + 2ih \left(\frac{\Omega}{\omega} \right) \right\} X_a(\Omega) d\Omega \quad \dots\dots\dots (22)$$

この他原波には長周期の補正も必要であるが、これは計器毎に適切な切断周波数を与える必要がある。しかし表-1 に示すように多種の計器による記録が含まれているので各記録毎に紙送り速度等を考慮して切断周波数を与えることは現在の筆者らの範囲を越えるので、あえて長周期の基線補正は行っていない。ただし本報告書で速度と変位を求めるときには基線補正を行った波を使っている。本報告書が主としてダムの入力地震動設定のために使われることを考えると基線補正はせずに原波の形で掲載しておいた方が利用上都合がよいと考えられる。

さて以上のように SMAC B₂ 型の観測記録については、原波と補正波を、その他の計器による記録は原波を図 A-1 ~ A-24 に示す。

3.1 最大加速度

図 A-1 ~ A-24 より最大加速度を拾い整理したのが図-15 ~ 18 である。

図-15 は最大加速度を震央距離とマグニチュードの関係からみたものである。マグニチュードが大きく、震央距離が近いほど最大加速は大きい傾向にあるが、これだけのデータでは定量化できない。

図-16 は水平成分は一般に上下流方向とダム軸方向の 2 成分あるわけであるが、このうちの最大値のみを記した。

図-17 は鉛直加速度の最大値である。

図-18 はダムサイトにおける水平加速度 α_H と鉛直加速度 α_V の最大値の比である。これによれば大部分の記録が

$$\frac{\alpha_V \max}{\alpha_H \max} = \frac{1}{4} \sim \frac{1}{2} \quad \dots\dots\dots (23)$$

であることがわかる。

又、 α_H が大きいほど α_V/α_H は小さくなるようである。

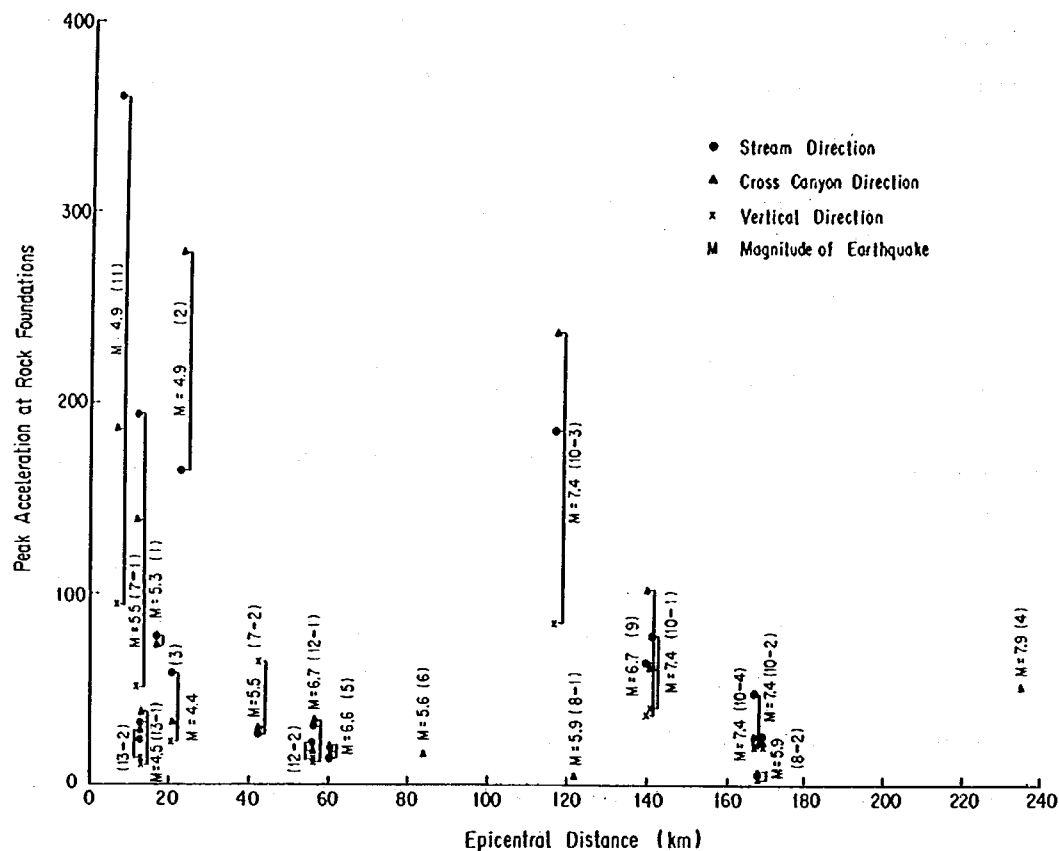


図-15 最大加速度（水平2成分と鉛直）

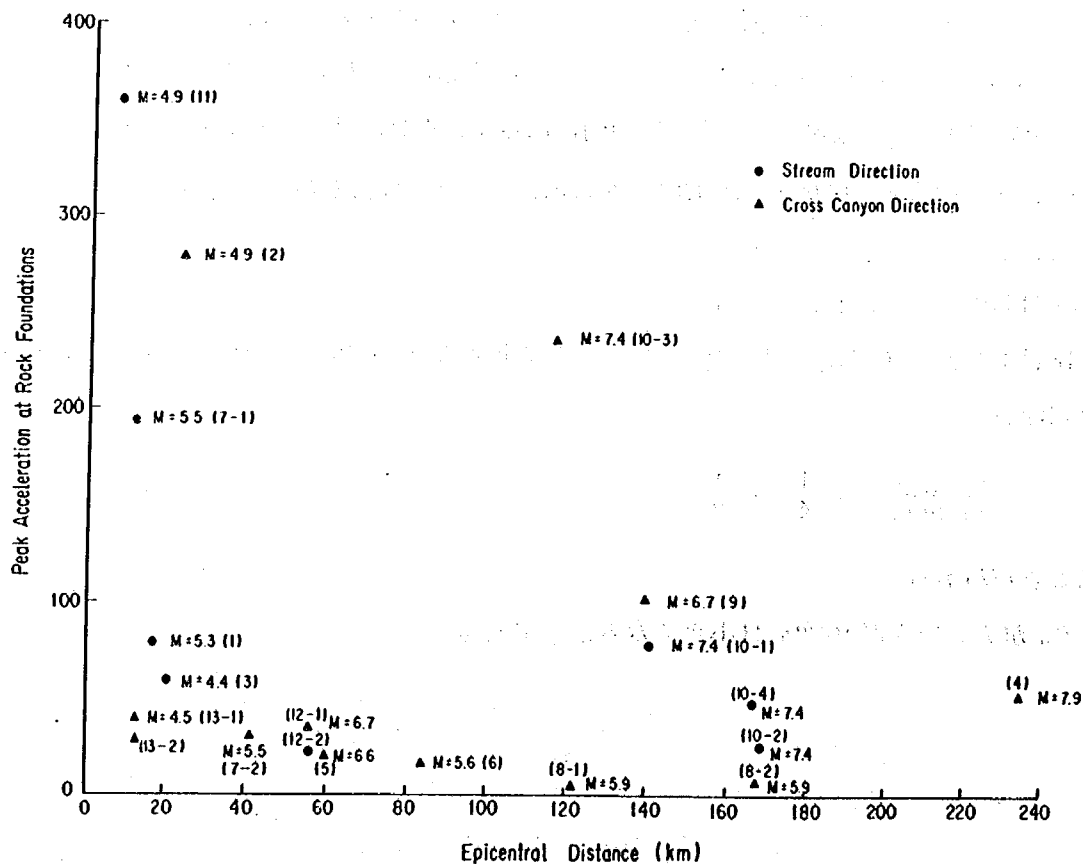


図-16 最大加速度（水平成分の最大値）

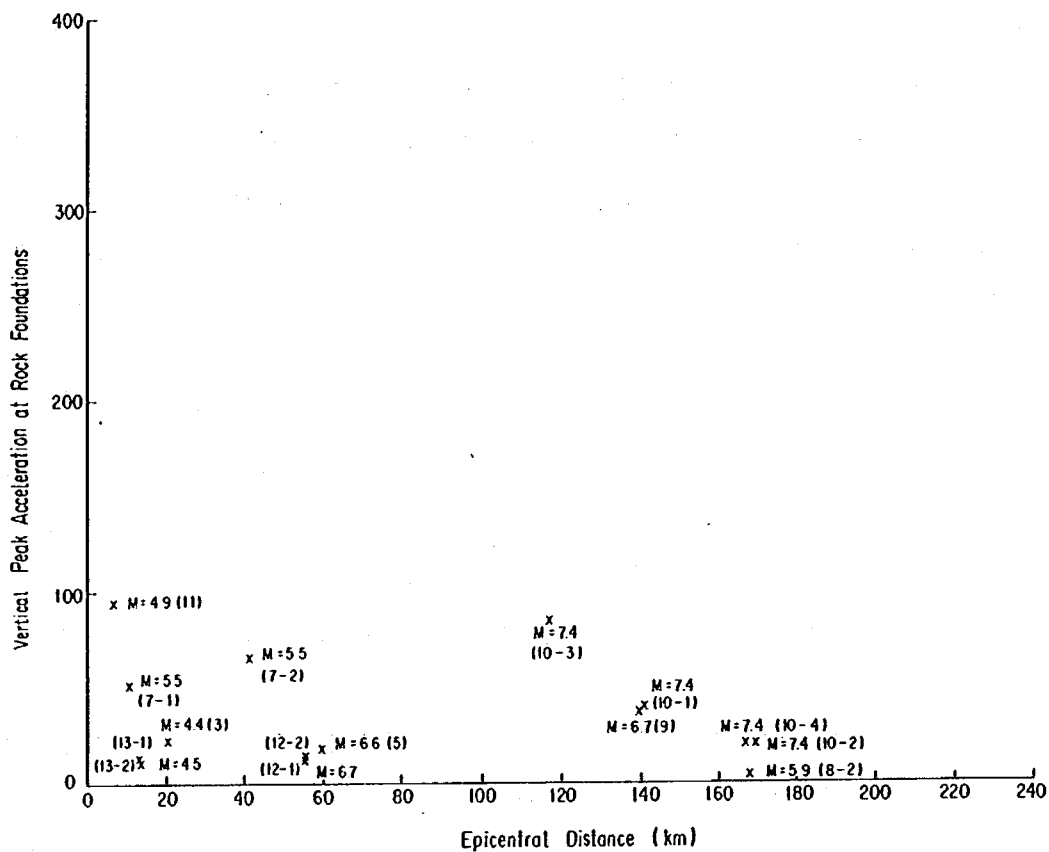


図-17 鉛直加速度の最大値

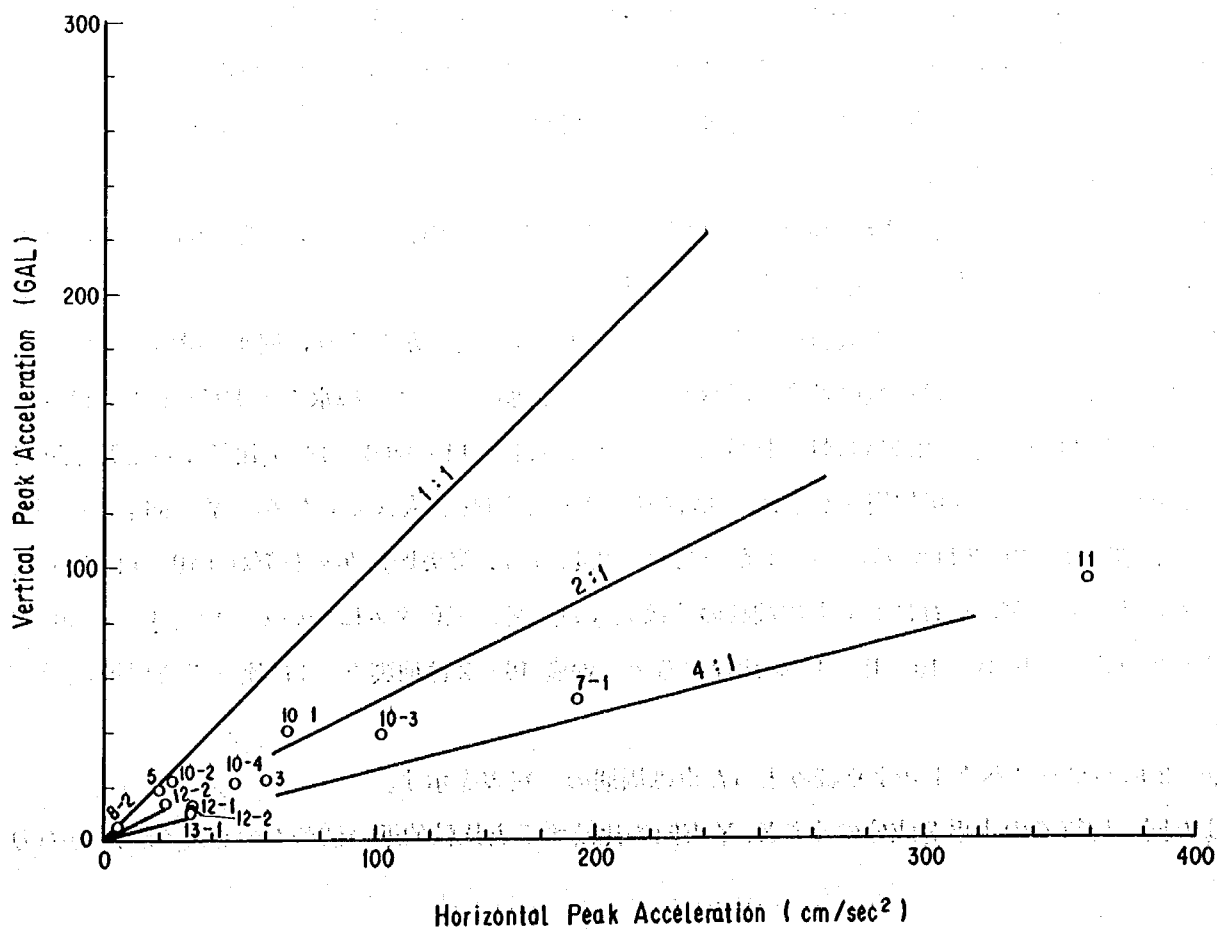


図-18 水平と鉛直の最大加速度

3.2 周波数特性

加速度記録 (SMAC B₂ 記録については前記補正をしたもの、その他は原波) からパワースペクトルを求めた。これを図B-1～B-20に示す。これらの図には0.4 Hzのバンド幅をもつParzenのスペクトラルウィンドウ²⁾をかけてスペクトルは平滑化してある。これらの図において、0.1 Hz程度以下の低周波数においてパワースペクトル振幅がかなり大きいものがあるが、これは長周期の基線補正を行っていないことによる。そこで以下の考察では0.1 Hz程度以下の成分については、はじめから基線誤差とみなして議論を進めることにする。

まず図B-1～B-20をみてわかる第1のことは、単一周波数の波は少なく全体に広帯域である。そこで前記Parzen Windowをかけたパワースペクトル図においてピーク値の半分以上の値を示す最小・最大周波数間をもってその波の主要周波数範囲と定義することにする。またこれらの図において最大のパワースペクトル振幅を与える周波数を卓越周波数と定義する。

図-19, 20, 21はそれぞれ上下流, ダム軸, 鉛直方向加速度の震央距離に対する主要周波数範囲の分布である。

図-19～21をみると他の地盤の加速度波に比べ全体に高周波であることがわかる。周波数範囲は全体としては0.4～13 Hzにあり算術平均は約4 Hzである。

図-22は卓越周期と震央距離の関係で、参考にSeedらの提案式を入れてある。振動数でSeedらの提案と実測を比べると図-23となる。これだけのデータでは定量的関係を得ることは難しいが全体としては、Seedらの提案式よりも卓越周期は短い側(振動数の高い)にあるようである。

以上のデータからは水平動の卓越周期は0.08～1.43秒、鉛直動は0.07～1.11秒の範囲にある。なお図-22, 23では水平動の卓越周期とは、水平2成分加速度のパワースペクトルにおいてパワーの大きい方の振動数で示している。

図-24は水平と鉛直動の卓越周波数の関係を示すが、P波を主体とする鉛直動がS波や表面波を主体とする鉛直動よりも常に振動数が高いとは言えない。

次に同一ダムサイトでの周波数特性をみてみよう。表-1からわかるように裾花, 樽水, 湯田, 三保, 四十四田の各ダムでは複数の地震を記録している。加速度の大きい樽水ダム1978年2月20日の地震と6月12日の地震の周波数特性を比較してみよう。図B-11と図B-14を比較するとX方向(上下流)では、地震9では卓越周期が7 Hz, 地震10-3では2 Hzと大きく異なる。Y方向もほぼ同様である。地震9, 10-3はマグニチュードがそれぞれ7.4, 6.7, 震央距離がそれぞれ140, 117 kmと異なるわけであるが、それにしても周波数の差は大きい。又、三保ダムについて、地震8-2, 10-2, を比べてみよう。図B-10, B-13を比較すると、地震10-2は地震8-2に比べて高周波成分が多い。

表-2にパワースペクトルより読みとった卓越周期の一覧表を示す。

また同一地震での水平2成分のうちX, Y方向を比較すると比較的近い値のものもあるが、かなり

表-2 卓越周期の一覧表

地震番号	卓越周波数 (Hz)	地震番号	卓越周波数 (Hz)
1-NS	2.0, 3.7, 5.0	10-2-Z	0.7, 1.6, 3.4
1-EW	2.0, 3.2, 3.9	10-3-X	1.0, 1.5, 2.3, 4.0
2-NS	2.5, 3.6	10-3-Y	0.5, 2.0
2-EW	4.0, 7.9, 10.9	10-3-Z	1.6, 4.0, 4.6
3-X	2.1, 5.0, 6.0, 6.9	10-4-X	0.8, 1.3
3-Y	1.1, 2.5	10-4-Y	0.7, 1.8
3-Z	1.5, 4.0, 5.8	10-4-Z	0.9, 3.0, 3.7
4-Y	1.2, 2.7, 4.3, 6.7	11-X	2.2, 7.1, 13.0, 14.9
5-X	1.1, 2.0, 4.2	11-Y	2.2, 8.2, 9.2, 17.4
5-Y	1.1, 3.3, 6.1, 7.1	11-Z	2.3, 5.5, 14.0, 19.8
5-Z	1.2, 3.0, 5.3, 7.6	12-1-X	3.0, 4.0, 6.6, 7.9
6-Y	1.2, 2.1, 3.1	12-1-Y	2.2, 3.0, 4.1, 8.3
7-1-NS	2.7, 4.7, 6.1, 14.1	12-1-Z	0.8, 2.2, 4.3, 6.8
7-1-EW	5.6, 6.5, 7.5, 9.9	12-2-X	0.7, 1.6, 3.5, 4.2
7-1-Z	2.5, 3.3, 6.0	12-2-Y	0.8, 1.7, 4.4, 6.8
7-2-X	2.5, 7.7, 10.0	12-2-Z	0.7, 1.6, 3.1, 6.9, 8.0
7-2-Y	2.5, 5.8, 13.4	13-1-X	6.9, 8.5, 9.6
7-2-Z	5.7, 13.9	13-1-Y	1.2, 3.1, 3.5, 6.8, 8.8
8-1-Y	2.1	13-1-Z	1.2, 2.0, 4.9, 6.8
8-2-X	2.2, 3.8	13-2-X	1.2, 3.7, 7.9, 8.4
8-2-Y	2.7, 3.6, 5.4	13-2-Y	3.4, 4.7, 7.0, 9.2
8-2-Z	2.6, 3.3, 3.9, 4.8	13-2-Z	2.0, 3.3, 6.0, 7.3, 8.1
9-X	2.1, 3.1, 7.5		
9-Y	6.1, 8.4		
9-Z	3.7, 4.8, 8.3		
10-1-X	0.7, 3.8, 4.6, 6.9		
10-1-Y	4.1, 5.0, 7.4, 10.1		
10-1-Z	3.5, 7.0, 8.5, 13.1		
10-2-X	1.7, 2.6		
10-2-Y	1.1, 2.4		

注) は最大のパワーを与える卓越周波数

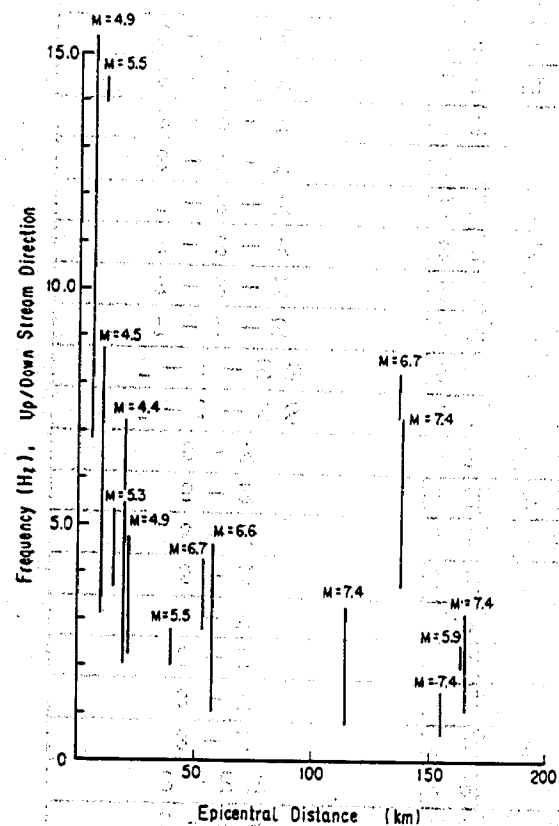


図-19 周波数範囲(上下流方向)

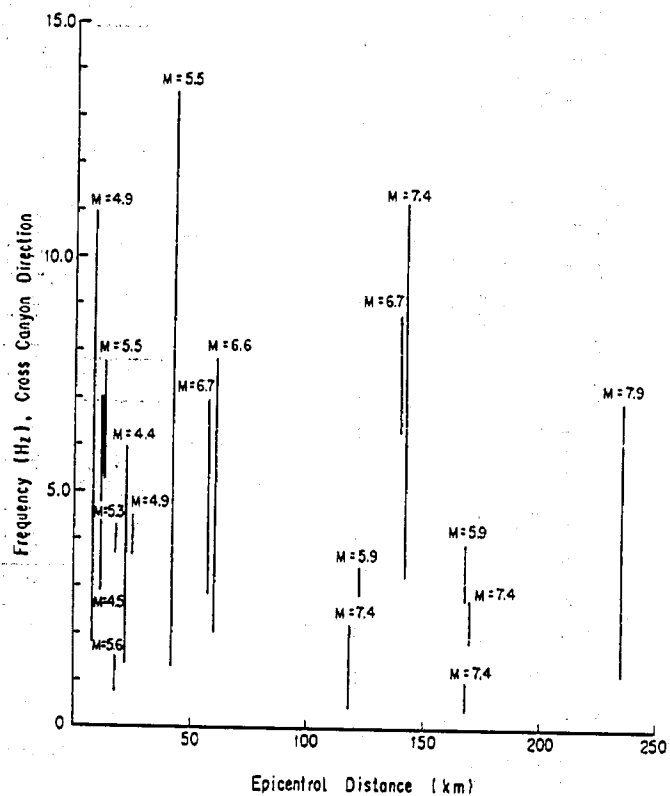


図-20 周波数範囲(ダム軸方向)

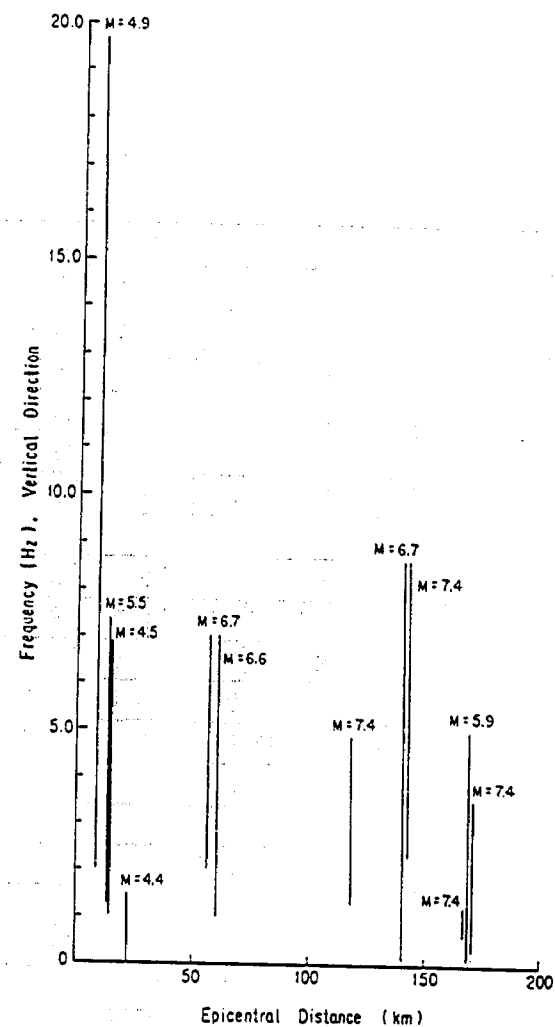


図-21 周波数範囲(鉛直方向)

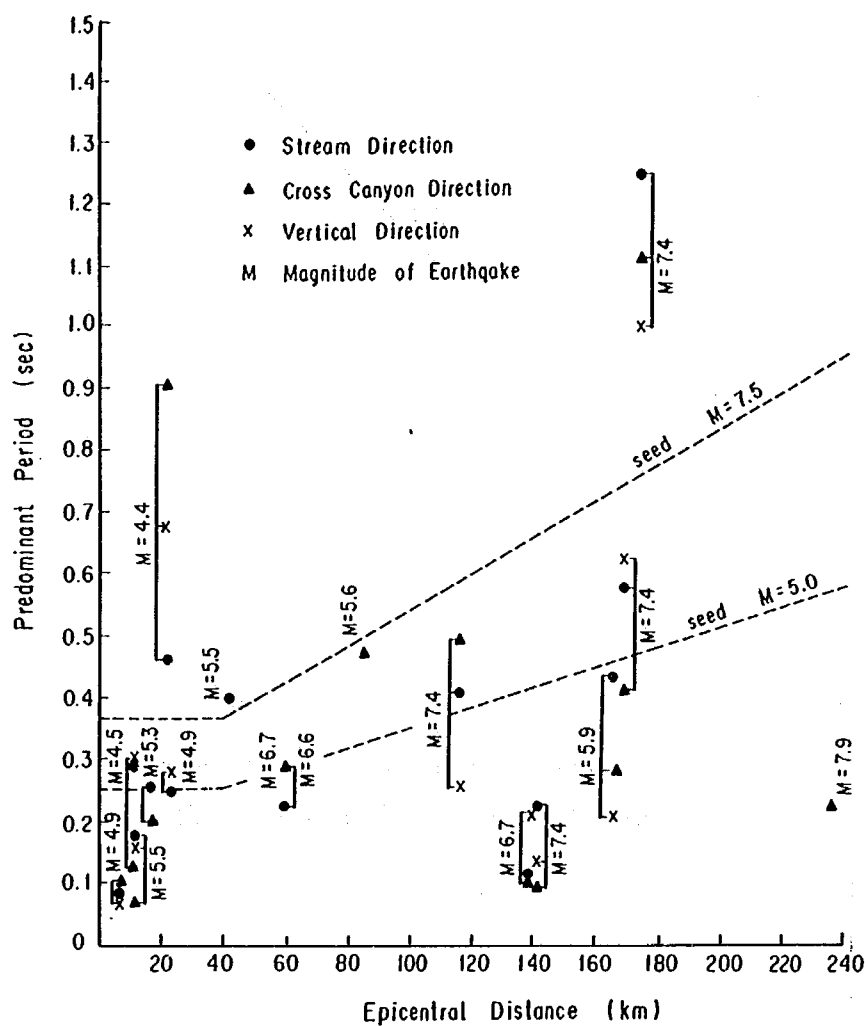


図-22 卓越周期と震央距離

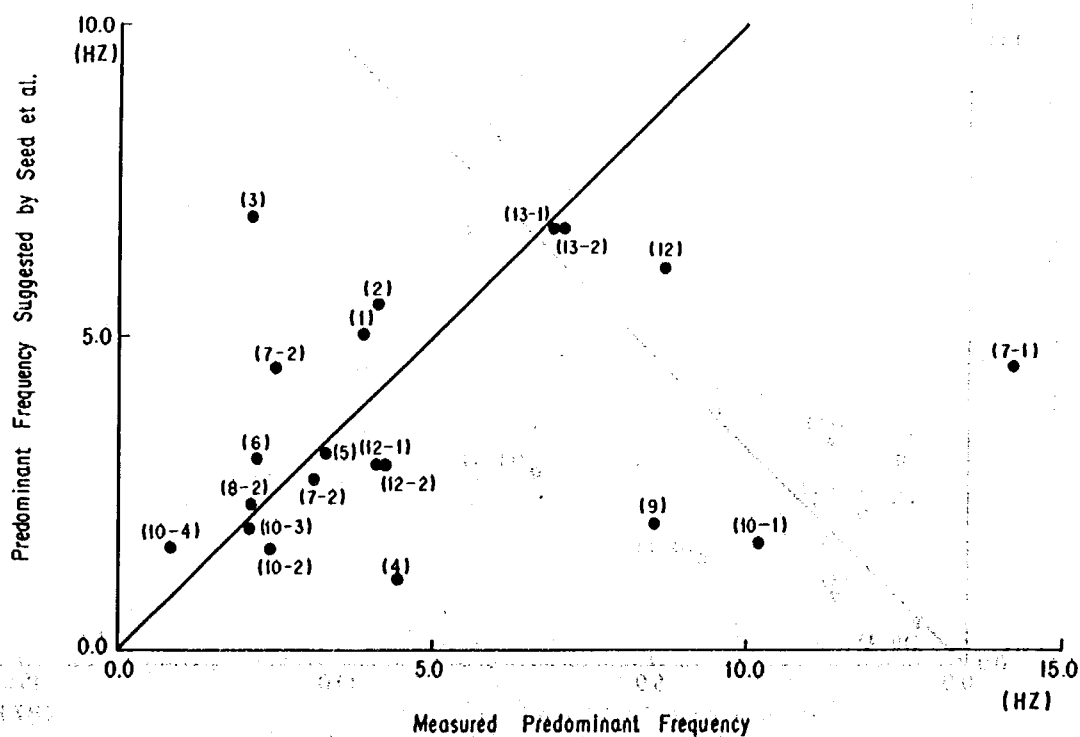


図-23 実測卓越周波数とSeedらの提案の比較

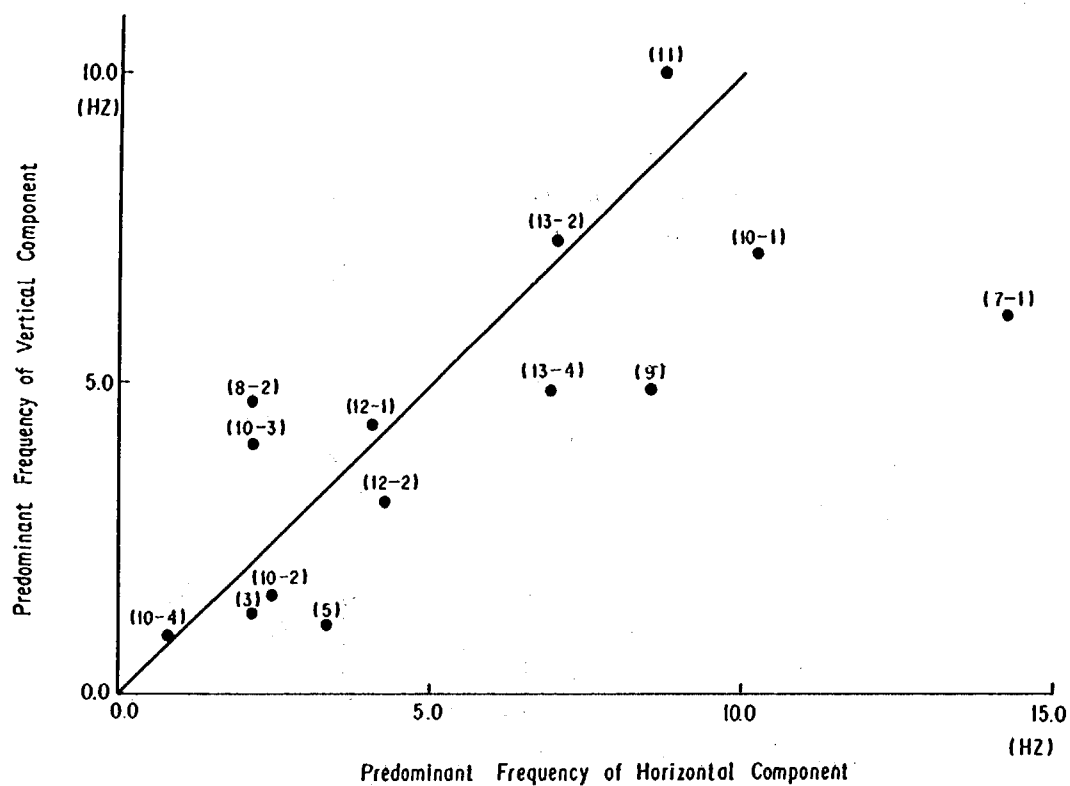


図-24 水平動と鉛直動の卓越周波数

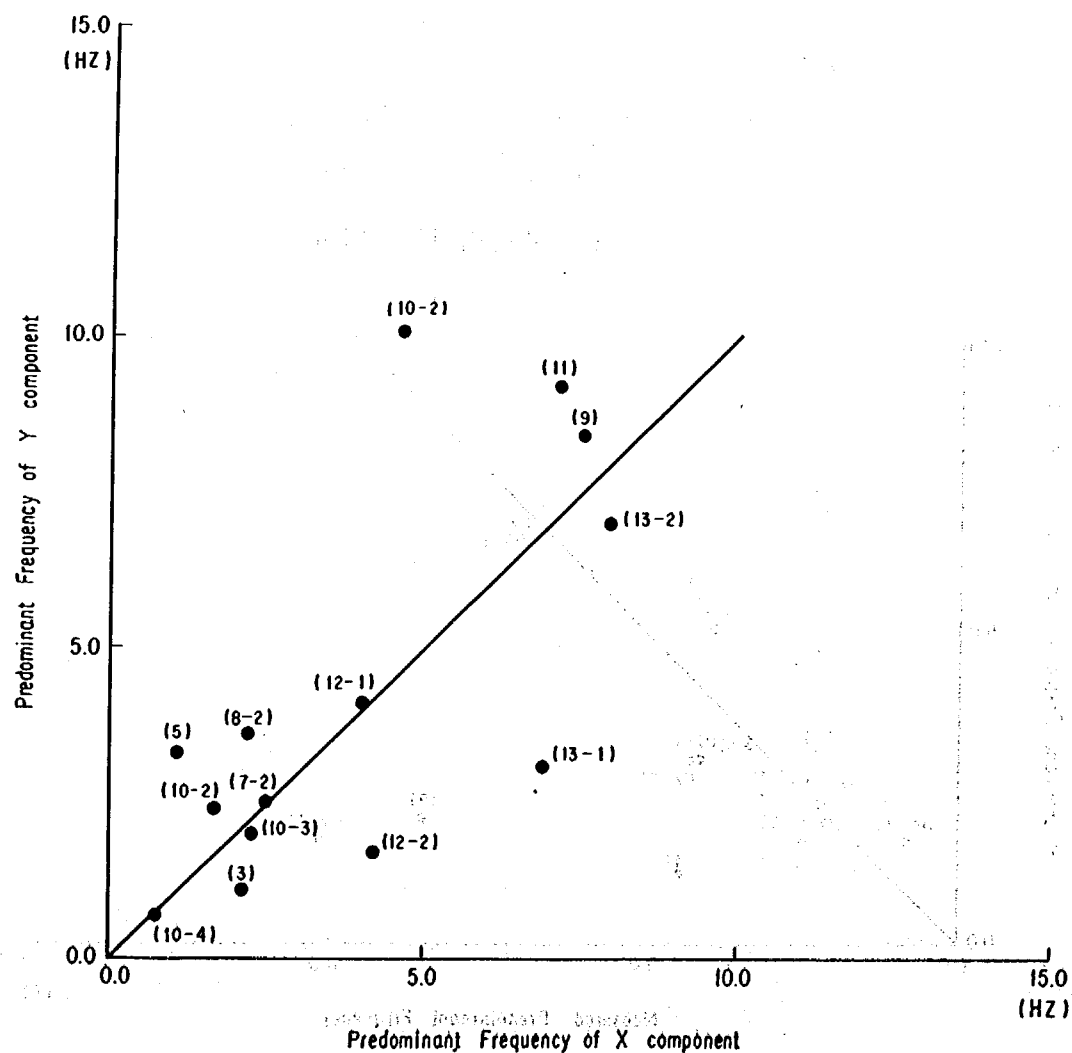


図-25 卓越周波数の水平2成分の比較

離れたものもある。図-25に水平2成分の卓越周期の関係を示す。

パワースペクトルのその他の特徴は第1に単一の卓越周期を示すものより、二山以上の山をもつものが多く、第2に、特に鉛直動は、山の数が多く広帯域であるの2点が挙げられる。

3.3 継続時間

地震動の継続時間の定義は種々あるが、本報告書では動的解析のための設計入力を作成するための継続時間という観点から最大加速度の20%の加速値がはじめて出現した時刻から最後に出現した時刻までの間をもって継続時間 T (sec)と定義した。図-26が表-1の地震記録の継続時間である。データはバラツキがあるものの、動的解析の入力という実用的観点からは、平均値を代表値としてとると

$M = 4.5 \quad T = 3.5$

$M = 5.6 \quad T = 7.0$

$M = 6.7 \quad T = 11.5$

$M = 7.4 \quad T = 25.0$

としてよいだろう。

図-26で T の代表値を M の指数関数で近似したとき最小2乗法を使うと次式を得る。図-26中の破線はこの式を示す。

$$\log_{10} T = 0.024 M^2 + 0.045 \quad (24)$$

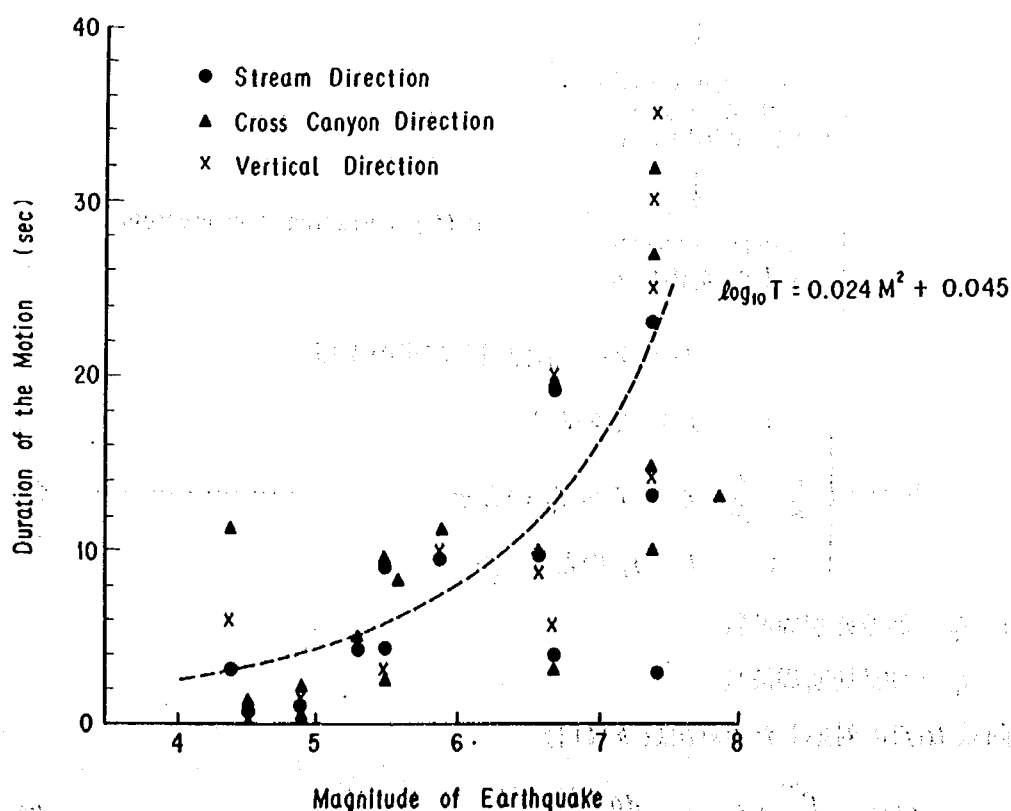


図-26 マグニチュードと継続時間

3.4 速度と変位

地盤の速度と変位は原理的には巻末の A 又は E の加速度を数値積分することにより求まるはずであるが、加速度原波には地震時における記録装置自体の振動、記録紙のゆがみ等の原因により長周期の基線誤差が含まれており、積分するとこの誤差が大きく増巾されるため、基線の修正を行う必要がある。ここでは M. D. Trifunac によって提案された方法⁸⁾を用いて基線修正を行った。

基線誤差修正の手順(図-27)の主要な点は、数値濾波にあり、その変換函数は次式によって表現される。(変換函数には多くの形があり得るが台形の濾波特性のとき)。

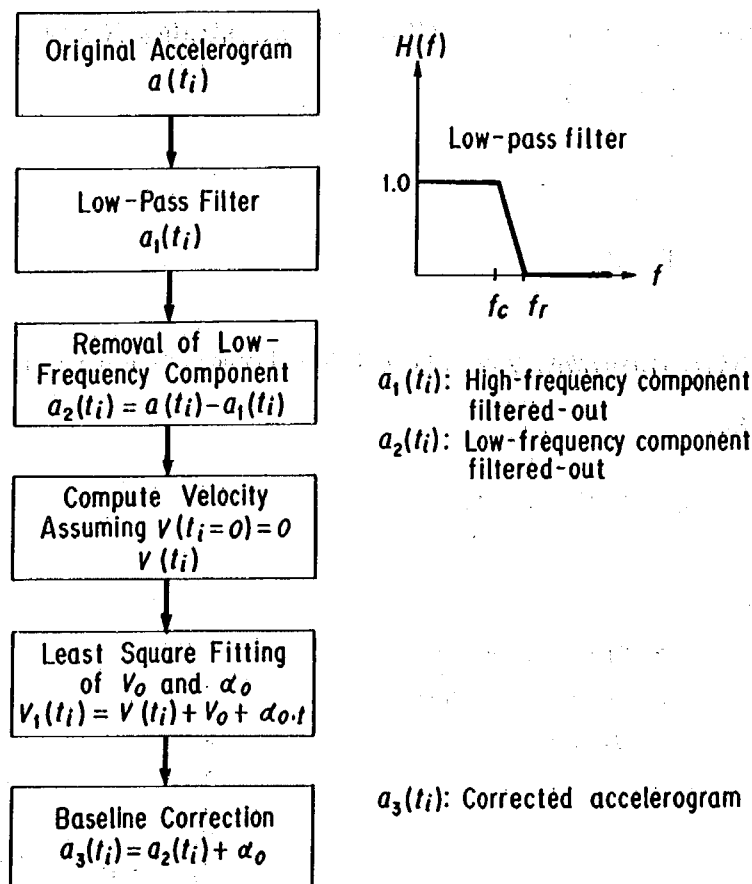


図-27 基線誤差修正の手順

$$H(f) = \begin{cases} 1 & f < f_c \text{ のとき} \\ \frac{f_r - f}{f_r - f_c} & f_c \leq f \leq f_r \text{ のとき} \\ 0 & f > f_r \text{ のとき} \end{cases} \quad \dots\dots\dots (25)$$

ここに f_r = 濾波終端周波数

f_c = 濾波切断周波数

変換函数 $H(f)$ に対応した重み函数 $h(t)$ は

$$h(t) = \int_{-\infty}^{\infty} e^{i\omega t} H(\omega) \frac{d\omega}{2\pi} \quad \dots\dots\dots (26)$$

ここに $\omega = 2\pi f$

で表わされる。

等間隔に数値化された時系列に対しては、(26)の重み関数は次式となる。

$$h_n = \frac{\cos 2\pi n \lambda_c - \cos 2\pi n \lambda_T}{2 \lambda_R (\pi n)^2} \dots\dots\dots (27)$$

$$n = 0, \pm 1, \pm 2 \dots\dots\dots \pm N$$

$$\lambda_T = \lambda_c + \lambda_R$$

$$\text{ここに } \lambda_c = f_c / f_s$$

$$\lambda_R = (f_T - f_c) / f_s$$

$$f_s = 1 / \Delta t$$

$$\Delta t = \text{等間隔の時間キザミ}$$

式(26)から(27)までにおける f_c と f_T は加速度記録に含まれる長周期の誤差成分 (= 基礎誤差) の周波数特性によって決定されなければならない。長周期の誤差成分は主として、記録時に記録紙の回転ムラによって導入されるもの、記録紙の現像時または保存中に起こるゆがみおよび数値化の過程で導入される誤差から成り立っていると考えられる。したがって基線誤差の周波数特性は加速度計の紙送り速度に大きく左右される。

電磁型地震計の紙送り速度は普通 3.0 cm/sec ~ 10.0 cm/sec 程度に設定されている。

この紙送り速度は、例えば S MAC 型強震計の紙送り速度 (通常 0.5 ~ 1.0 cm/sec) に比べて速い。紙送り速度が速いということは時間に対する分解能が高いという利点を持つ反面記録紙のゆがみが同一であれば、相対的により短い周期の基線誤差を含む欠点となる。例えば記録紙の長さ 10 cm おきに基線誤差が導入されたとすると、紙送り速度が 1 cm/sec のときには周期 10 秒の誤差となるし、紙送り速度が 4 cm/sec のときには周期 2.5 秒の誤差となる。

岩盤での地震動加速度波には震央距離が遠いときには数秒程度までの周波数成分が含まれているはずであるから、高い切断周波数を用いることは望ましいことではない。しかし Trifunac によってアメリカの強震計に対して推薦されている 0.05 Hz (周期 20 秒) の切断周波数は必ずしもすべての誤差成分を除去しきれない。

本報告書では湯田ダムの加速度記録について数種の切断周波数について数値実験を行なった結果⁴⁾、基線誤差の大部分を除去しかつ真の成分をできるだけ残す切断周波数として $f_c = 0.3 \text{ Hz}$, $f_t = 0.5 \text{ Hz}$ とした。

以上の手順によって得られた速度、変位を図 D-1 ~ D-52 に示す。最大速度、変位と震央距離の関係を図-28, 29 に示す。最大速度は 0.2 ~ 20 cm/sec, 最大変位は 0.05 ~ 3.4 cm の範囲にある。図-30 に最大加速度と最大速度の関係を示す。これによれば、

$$V_{\max} = \left(\frac{1}{40} \sim \frac{1}{10} \right) a_{\max} \dots\dots\dots (28)$$

(注) 速度は cm/sec

前記大数(6.25)等は(1)は省略可 OR 一四

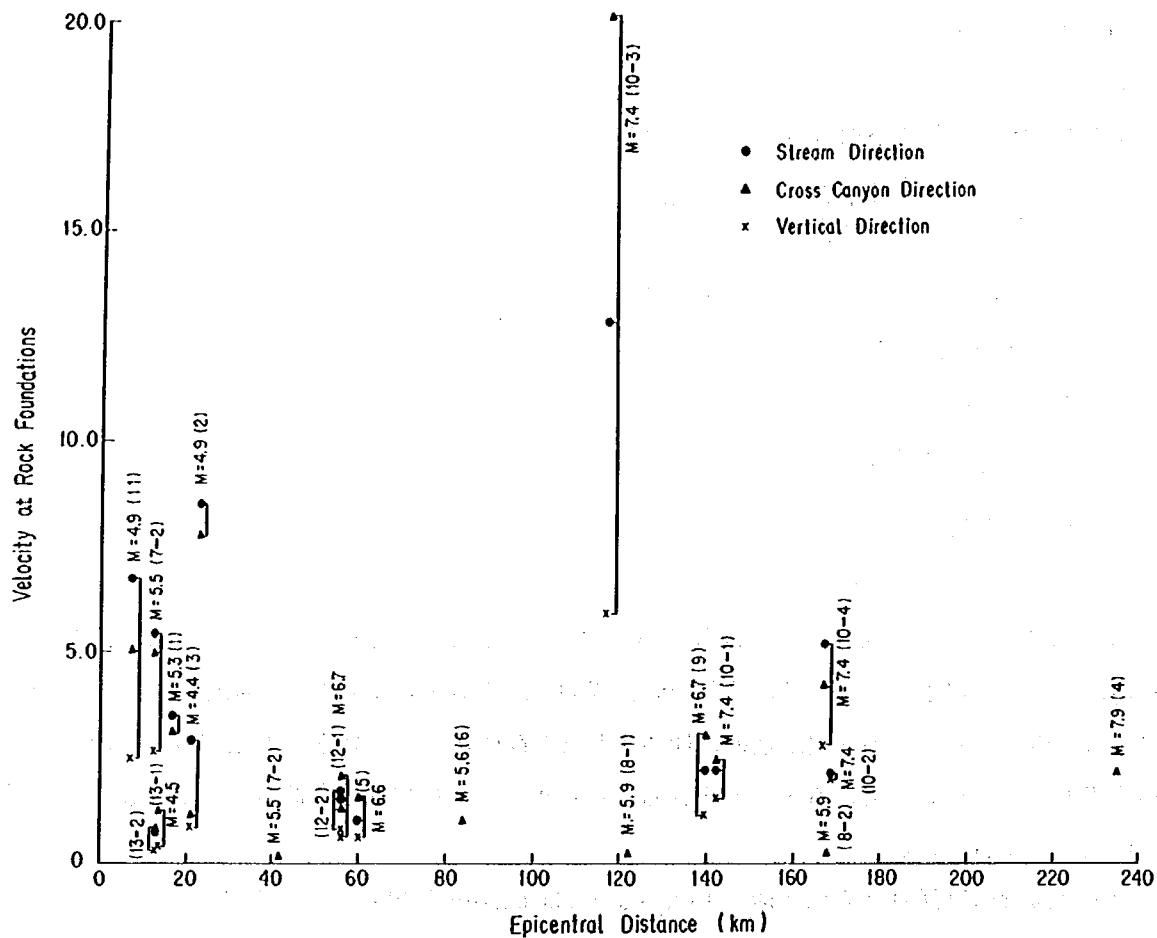


図-28 岩盤における地震動の最大速度

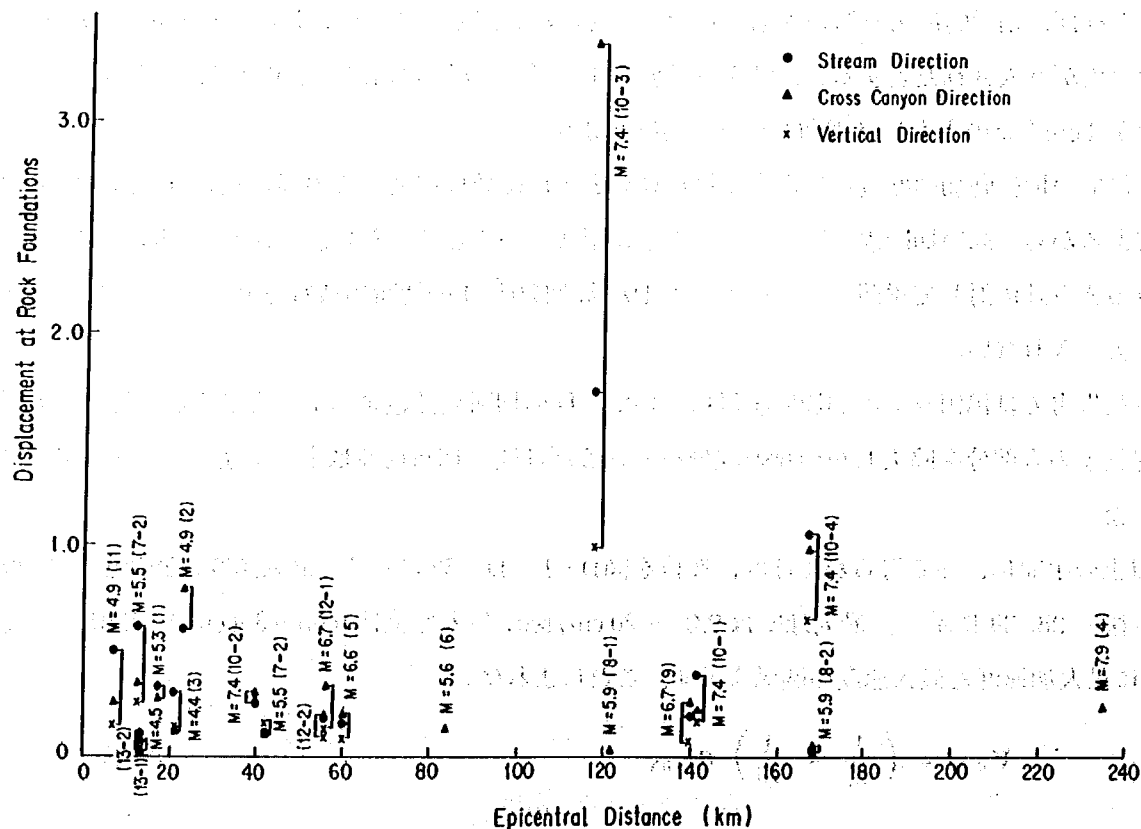


図-29 岩盤における地震動の最大変位

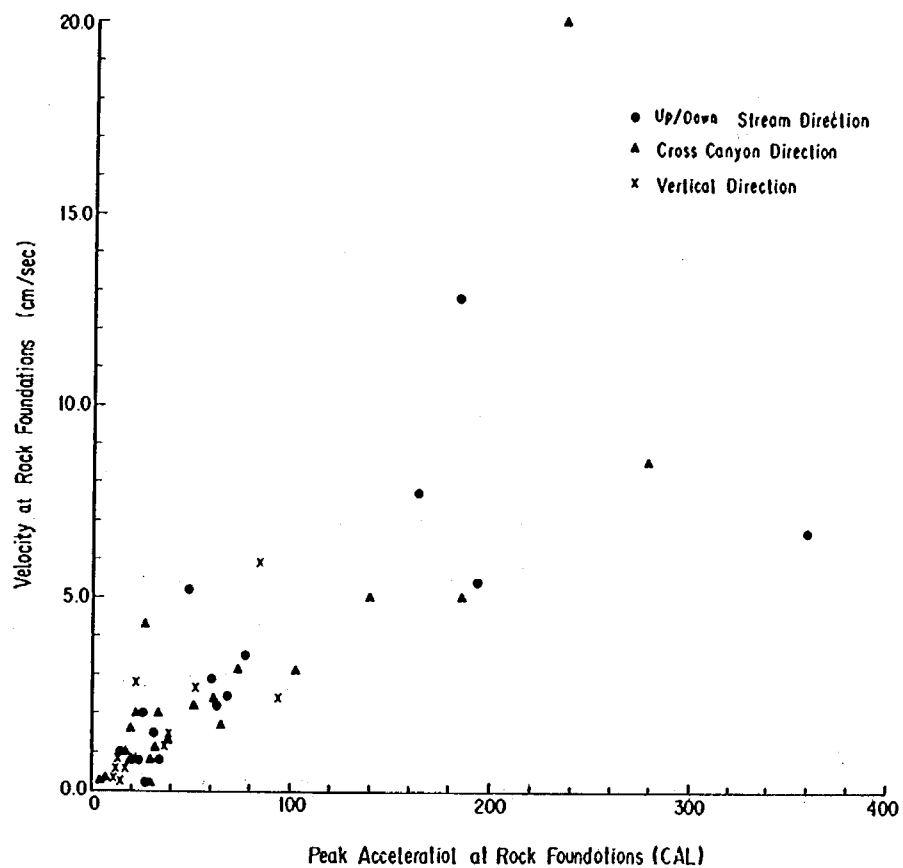


図-30 最大加速度と速度の関係

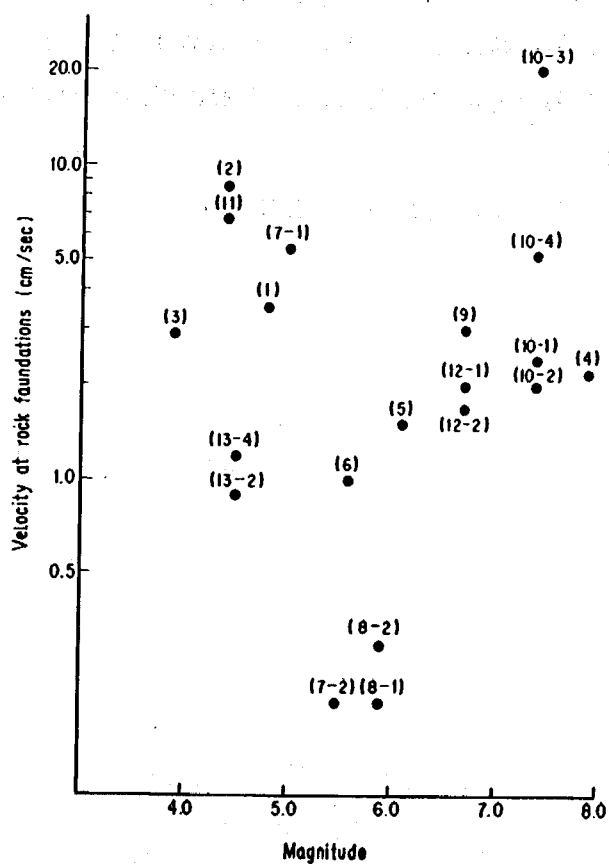


図-31 最大速度

の関係にある。式(28)を更に変形すると

$$V_{\max} = \left(\frac{1}{2\pi \times 6.4} \sim \frac{1}{2\pi \times 1.6} \right) a_{\max} \quad \dots\dots\dots (29)$$

であり加速度の主要な周期が 1.6Hz ～6.4Hz であることを示している。

図-31 は地盤における最大速度とマグニチュードの関係である。

3.5 特性のまとめ

以下ダム基礎での地震動の特性を動的解析の設計地震動作成の立場からまとめてみる。

- 1) 最大加速度を地震のマグニチュードと震央距離から求める経験式は数多く提案されているが、本報告書の記録の範囲ではバラツキが多く定量的関係は得られなかった。バラツキの多い原因としては第1に、もともと最大加速度は短周期成分に大きく影響されバラツキやすいこと、第2にダムサイト岩盤が一般に良好といっても一様ではないこと、第3にダムサイト毎に地形が異なること、第4に加速度計の設置位置がアバットメントのトンネルや底設監査廊など設置位置が異なることなどが考えられる。

鉛直動の最大加速度は式(29)が表わされるように概ね水平動の最大加速度の25～50%程度にあった。

- 2) 岩盤での周波数特性は第1にピークを与える周波数が何個かあり比較的広帯域であること、第2に短周期であることに特徴がある。特に鉛直動は広帯域である。また同一サイトで得られた異なる地震に対する地震動の周波数特性は全く異なるものもあり、岩盤での周波数特性は、地震の発振機構に直接結びついていると考えられる。設計地震動の周波数特性設定にあたっては、上記のことを考慮すべきである。

- 3) 設計地震動の継続時間については、式(30)が目安となろう。

4. お わ り に

ダムの観測記録の整理を数年間実施してきたが、ここにとりあえず岩盤の記録のみについて整理結果を報告するものである。本報告書は、ダムの動的解析の入力作成の便を第1と考えてまとめている。

おわりに本記録を観測した各ダム管理所および記録のデジタル化にお世話になった土研振動研究室に謝意を表します。

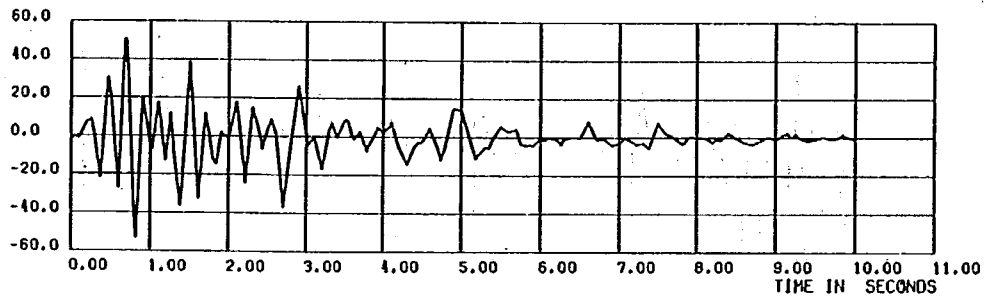
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- 1) 岩崎, 若林, 川島, 高木 「SMAC 型強震計の短周期成分特性に関する実験的研究」 土木研究所資料第1505号 1979年3月, 建設省土木研究所
- 2) 大崎 「地震動のスペクトル解析入門」 鹿島出版会 1976年
- 3) M. D. Trifunac "Baseline correction of strongmotion accelerograms," Bull. of Seismological Society of America, Vol. 61, No 5, pp. 1201~1211, (1971)
- 4) N. Matsumoto, "A comparison between measured and computed response of Yuda Dam during the July, 8, 1978 Earthquake, Northern Japan, RECERC-78-4, Bureau of Reclamation, (1978)

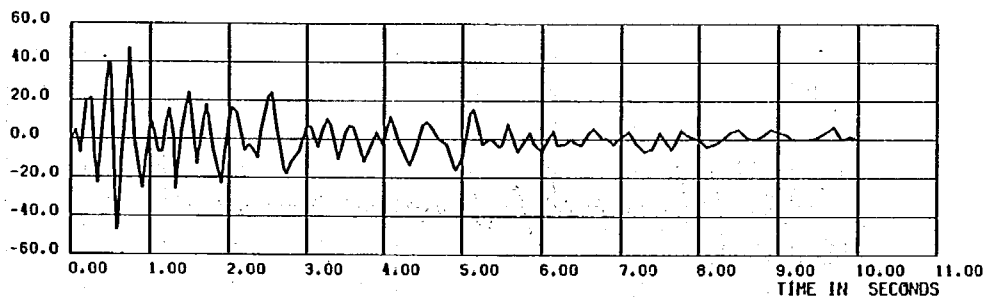
資 料

A 原 波

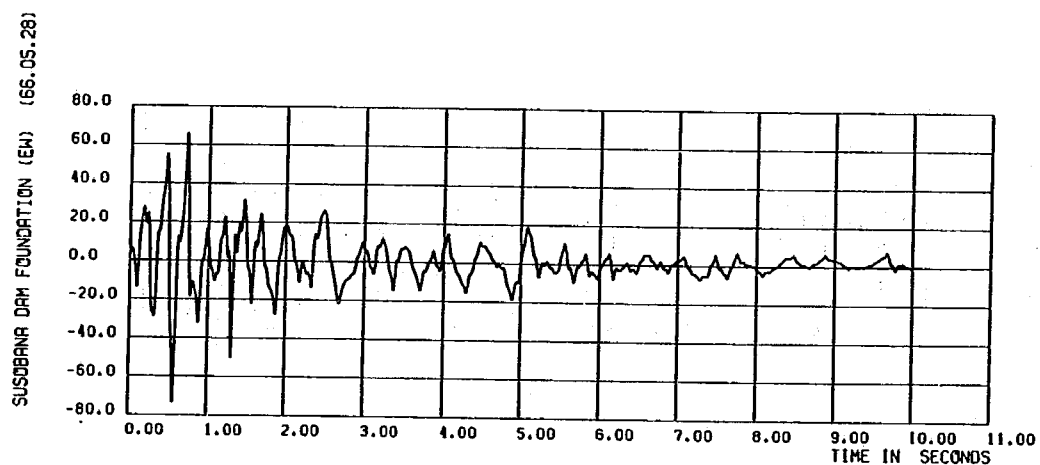
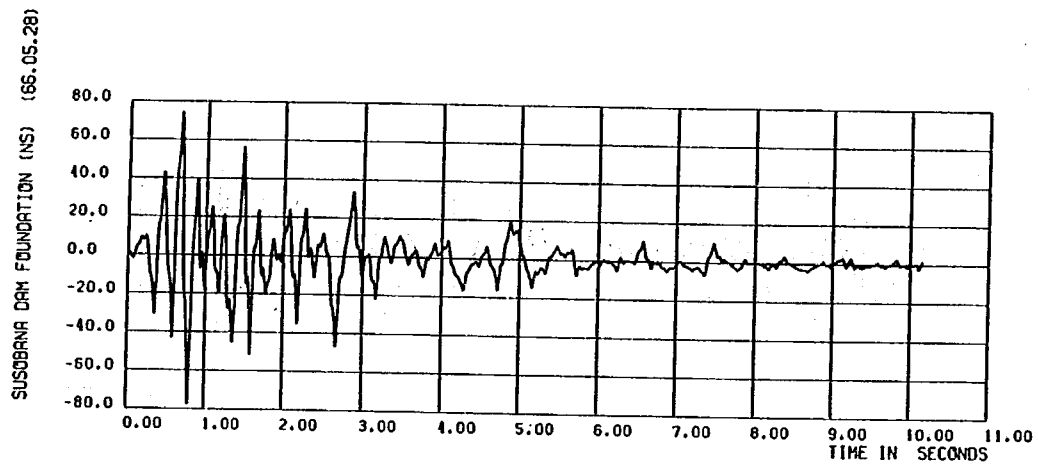
SUSOBANA DAM FOUNDATION (NS) (66.05.28)



SUSOBANA DAM FOUNDATION (EW) (66.05.28)

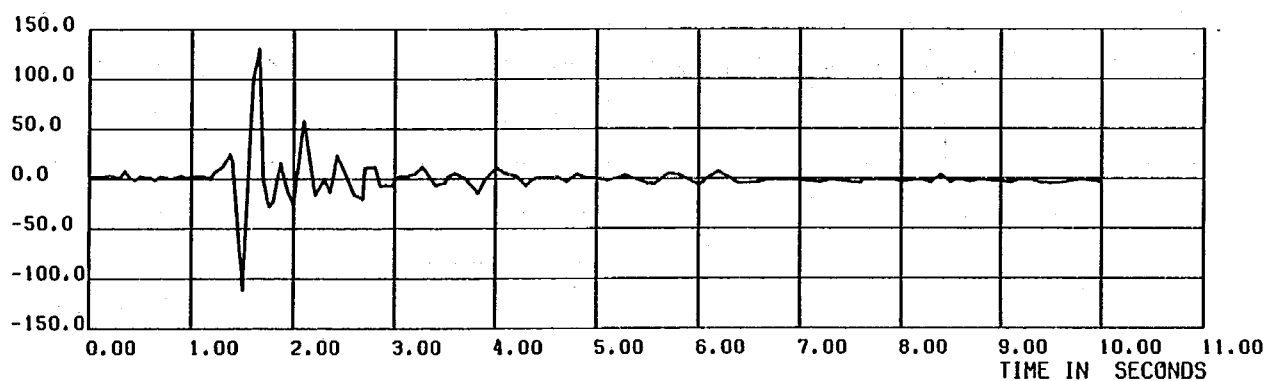


A-1 SUSOBANA Original Accelerograms 1 (NS, EW)

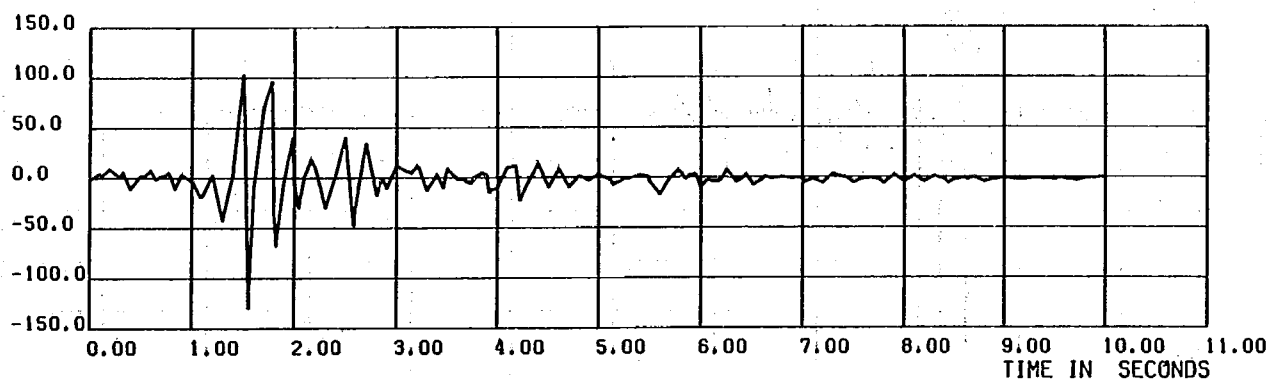


A-2 SUSOBANA Corrected Accelerograms 1 (NS, EW)

SUSOBANA DAM FOUNDATION (NS) (66.08.20)

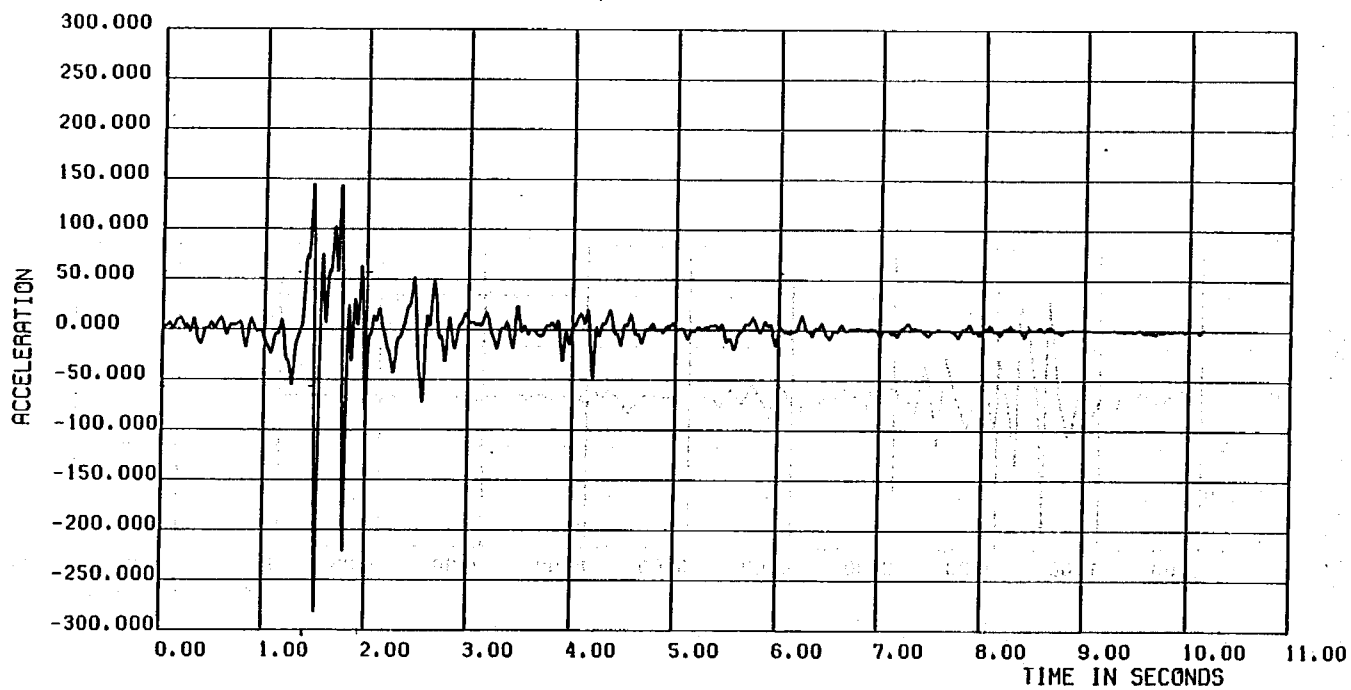
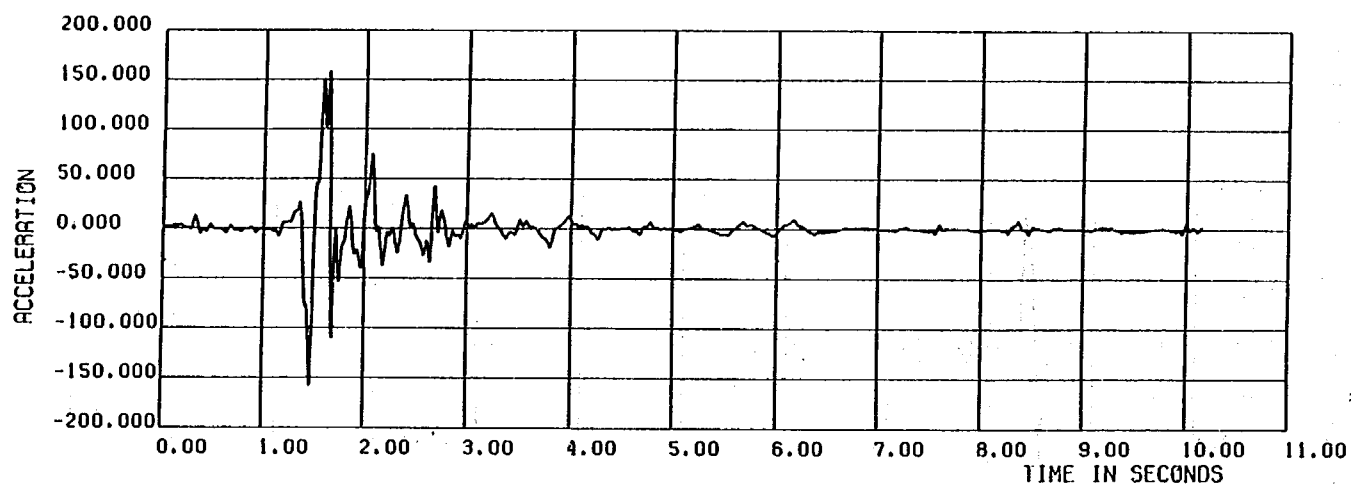


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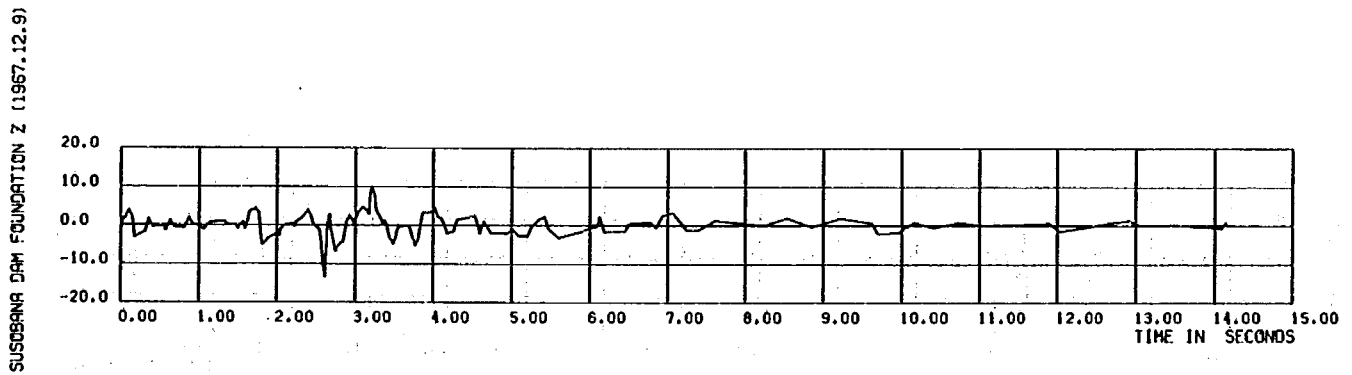
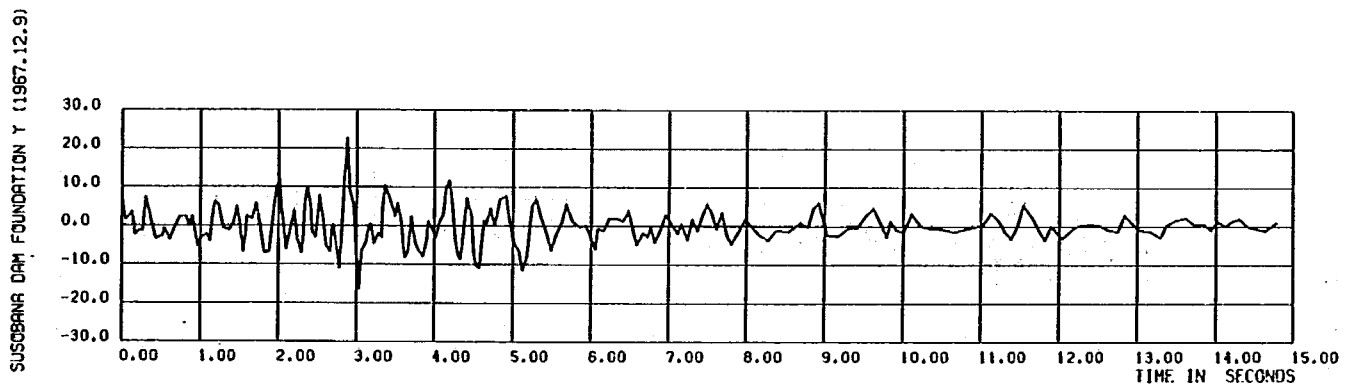
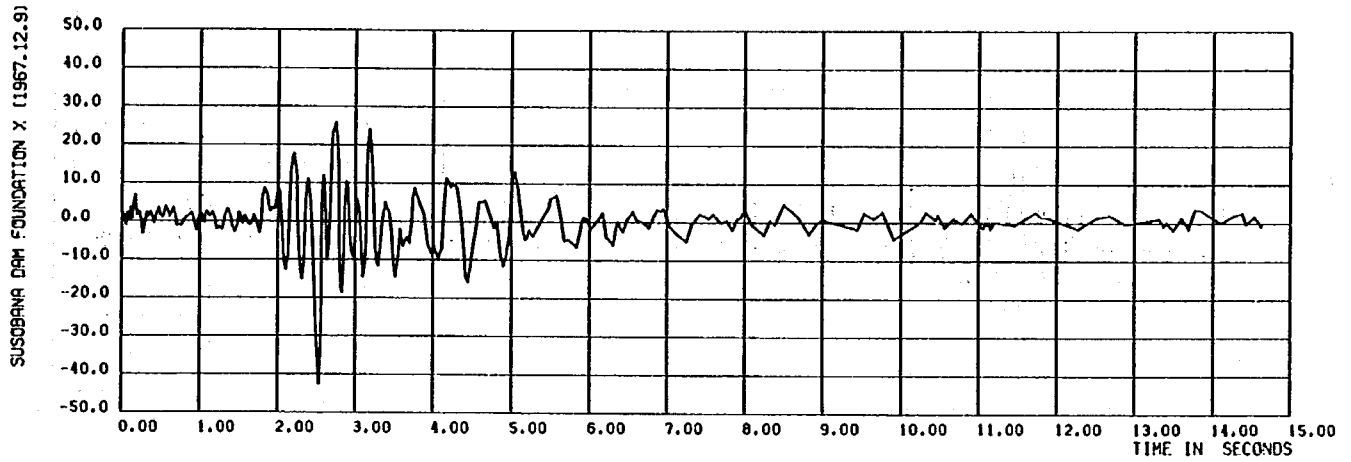


A-3 SUSOBANA Original Accelerograms 2 (NS, EW)

(NS, EW) SUSOBANA DAM FOUNDATION ACCELERATION

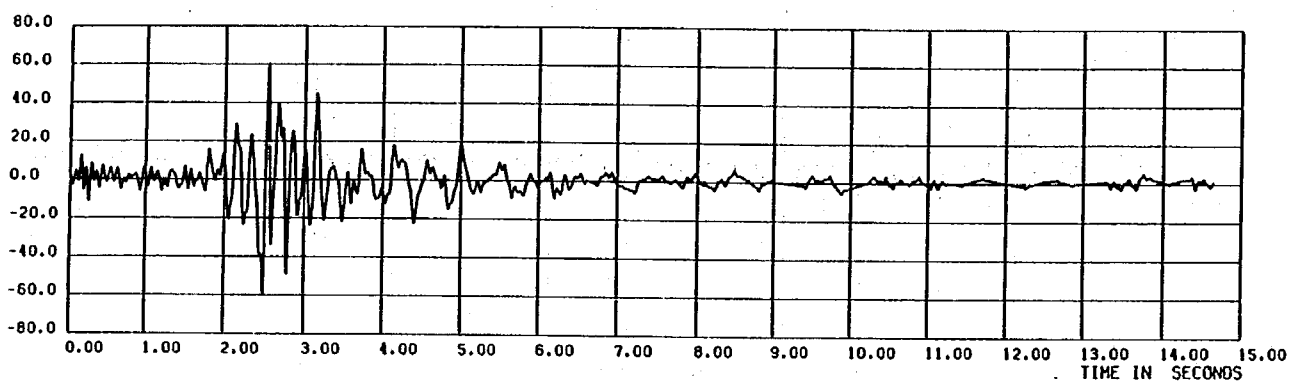


A-4 SUSOBANA Corrected Accelerograms 2 (NS, EW)

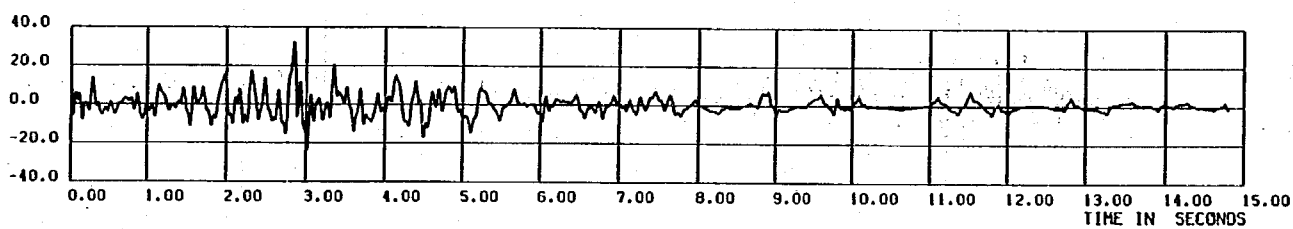


A-5 SUSOBANA Original Accelerograms 3 (X, Y, Z)

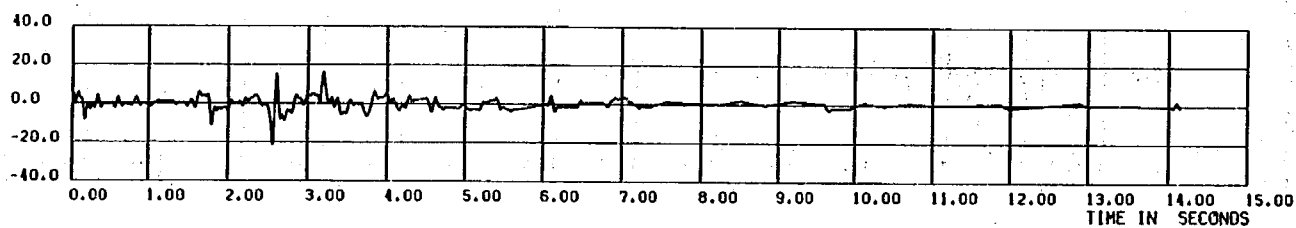
SUSOBANA DAM FOUNDATION X (1967.12.9)



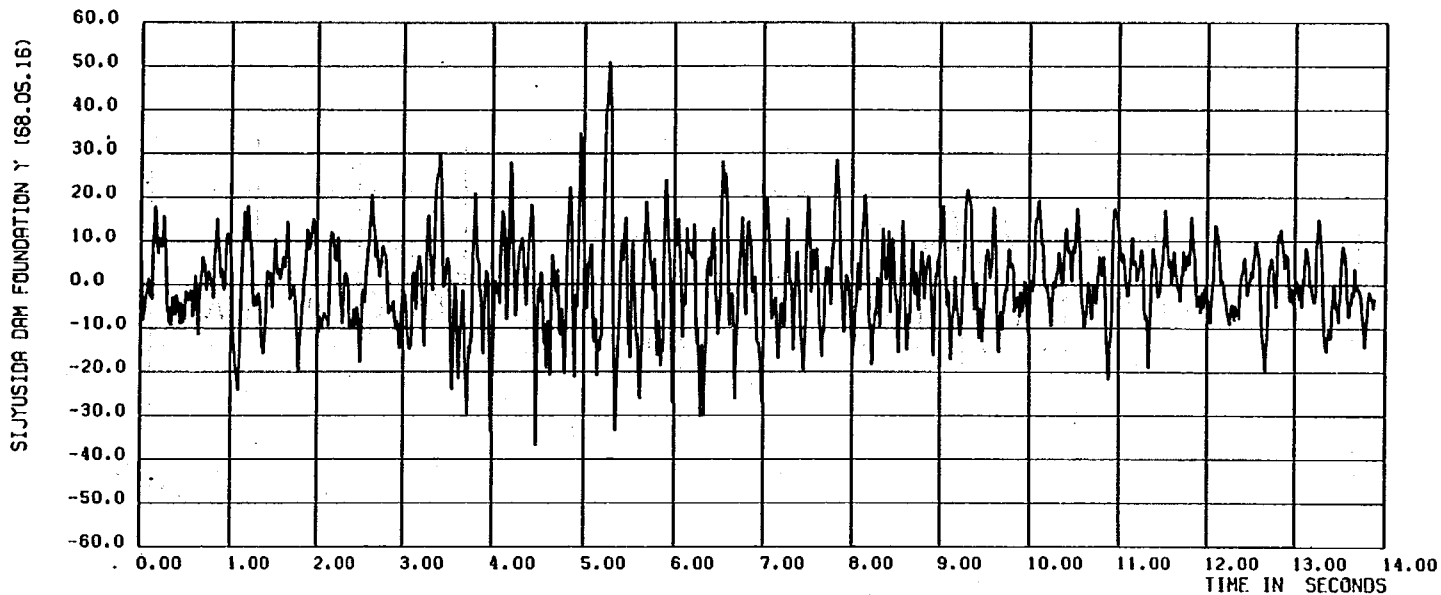
SUSOBANA DAM FOUNDATION Y (1967.12.9)



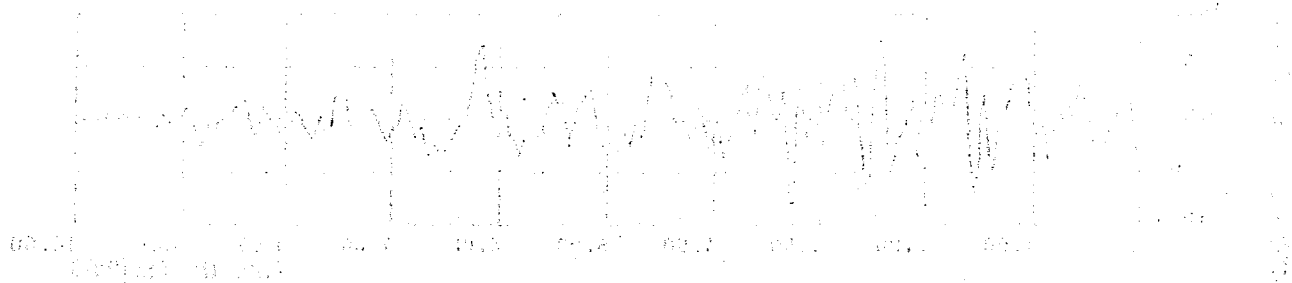
SUSOBANA DAM FOUNDATION Z (1967.12.9)



A-6 SUSOBANA Corrected Accelerograms 3 (X, Y, Z)

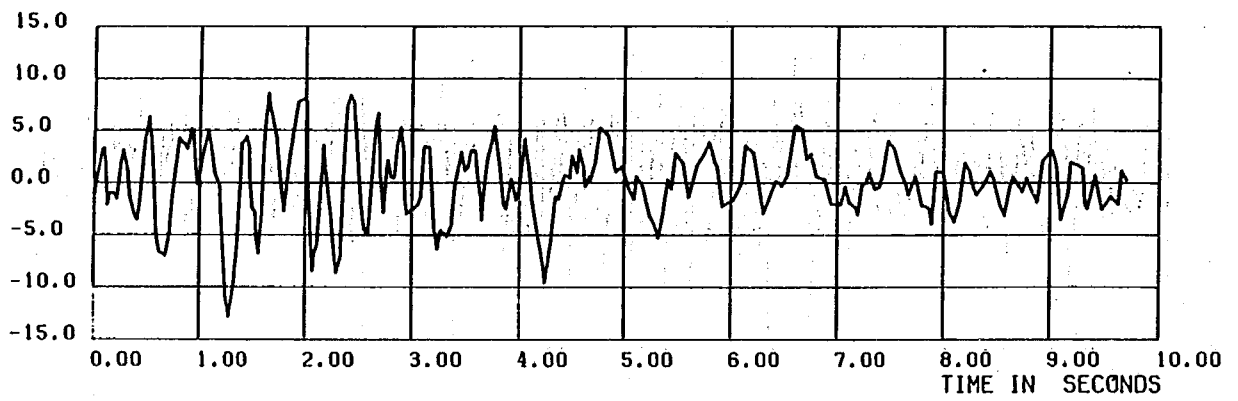


A-7 SHIJUSHIDA Original Accelerogram 4 (Y)

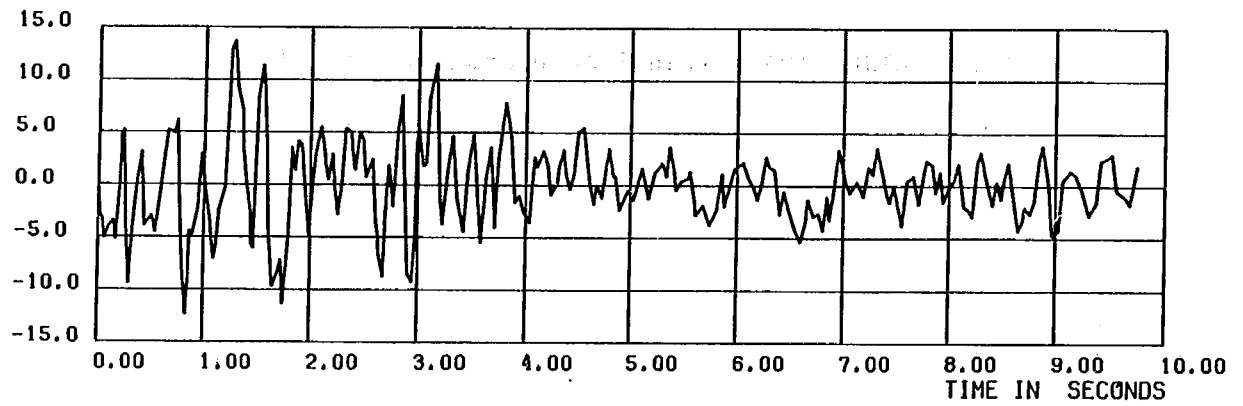


(R 11 7) SHIJUSHIDA DAM FOUNDATION ACCELEROMETER 4

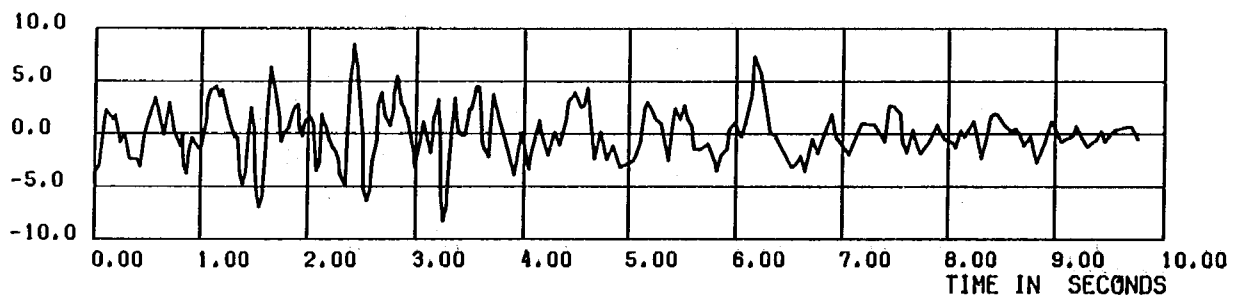
YOKOYAMA DAM FOUNDATION X (69.09.09)



YOKOYAMA DAM FOUNDATION Y (69.09.09)

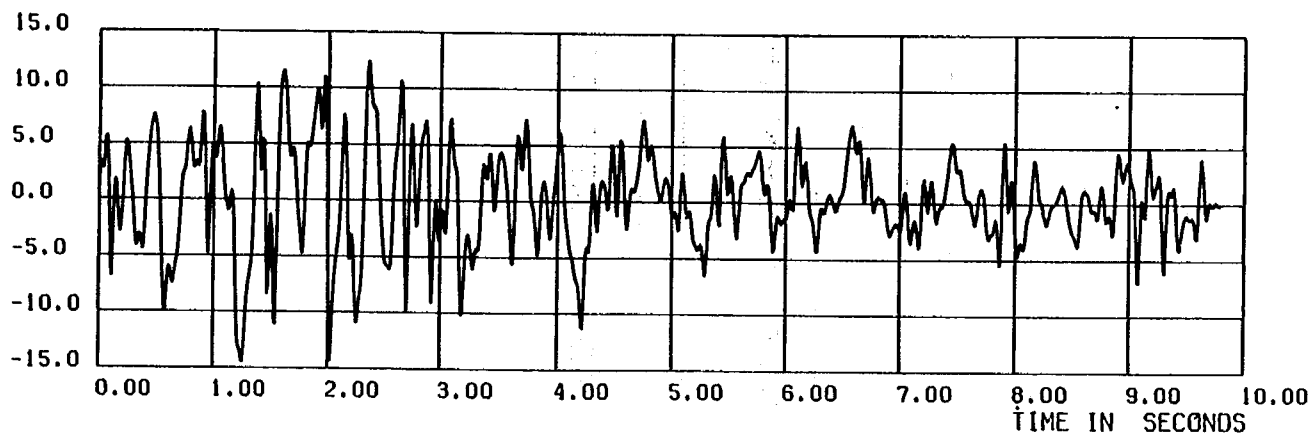


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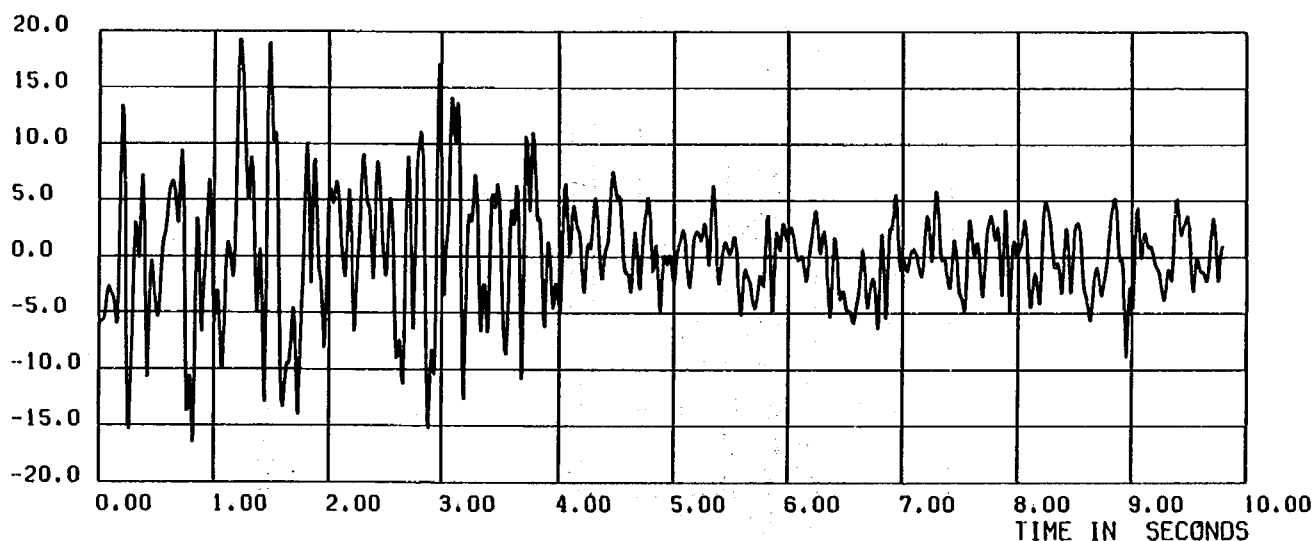


A-8 YOKOYAMA Original Accelerograms 5 (X, Y, Z)

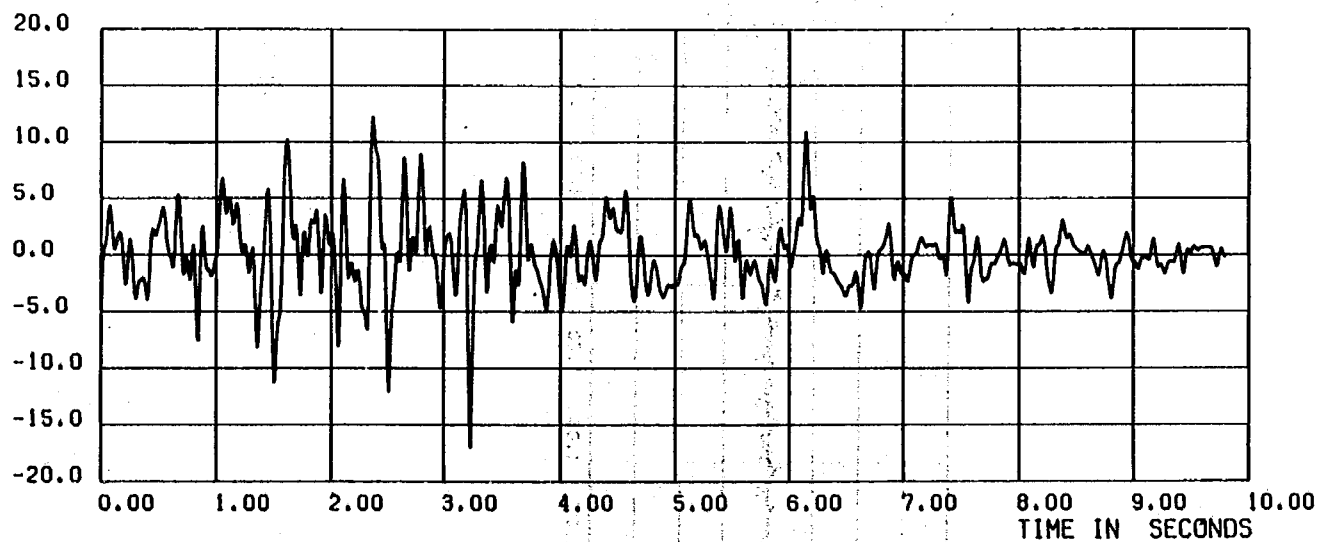
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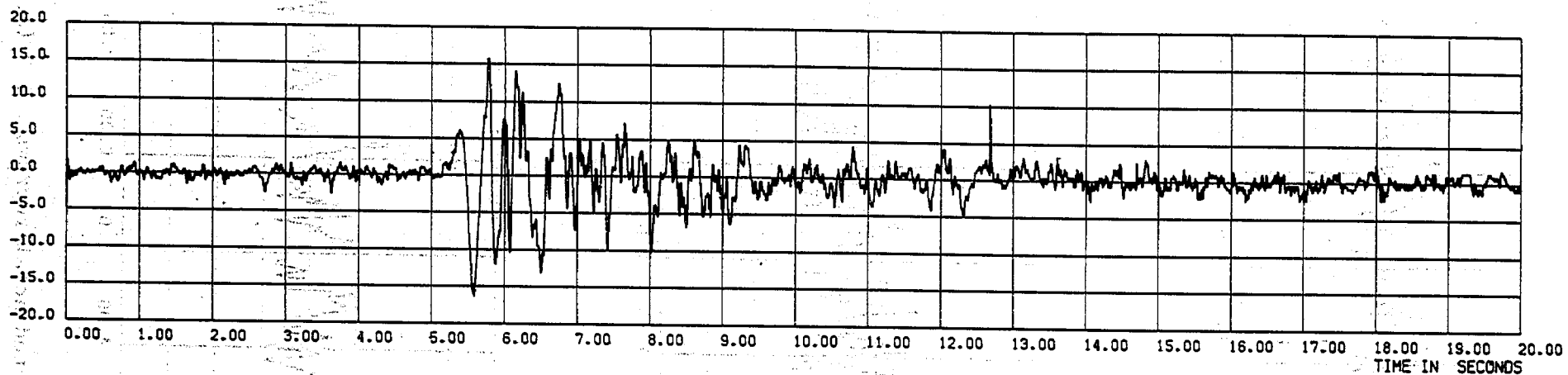


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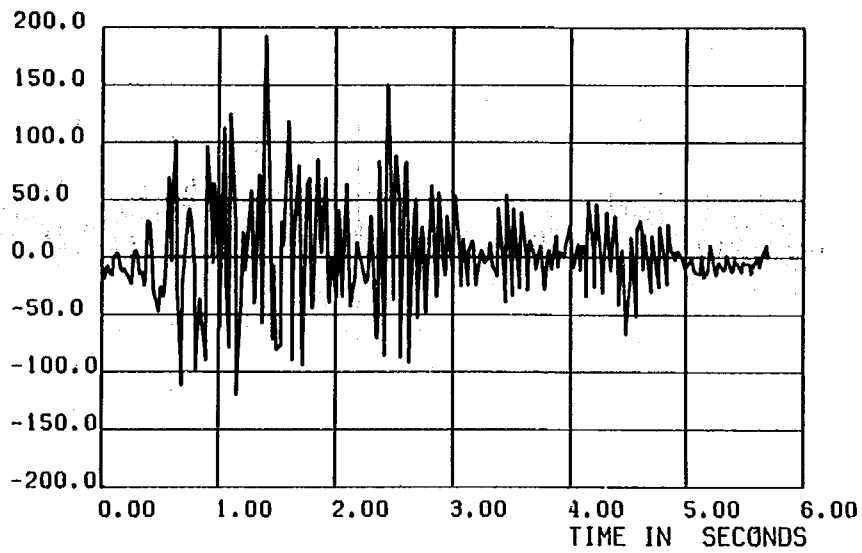
A-9 YOKOYAMA Corrected Accelerograms 5 (X, Y, Z)

SHIJUSHIDA DAM FOUNDATION Y (74.9.4)

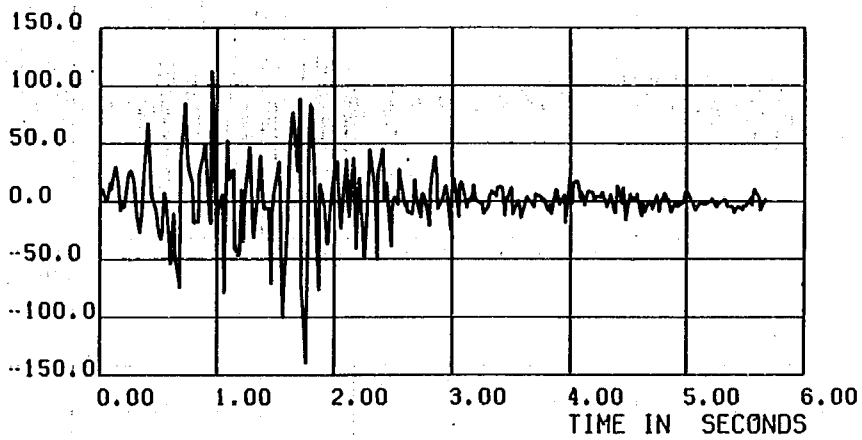


A-10 SHIJUSHIDA Original Accelerogram 6 (Y)

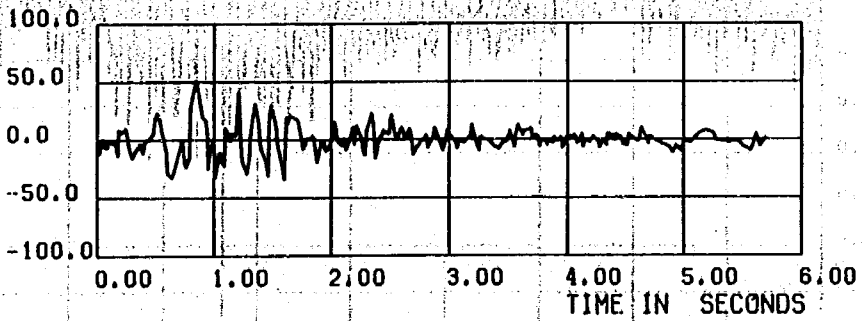
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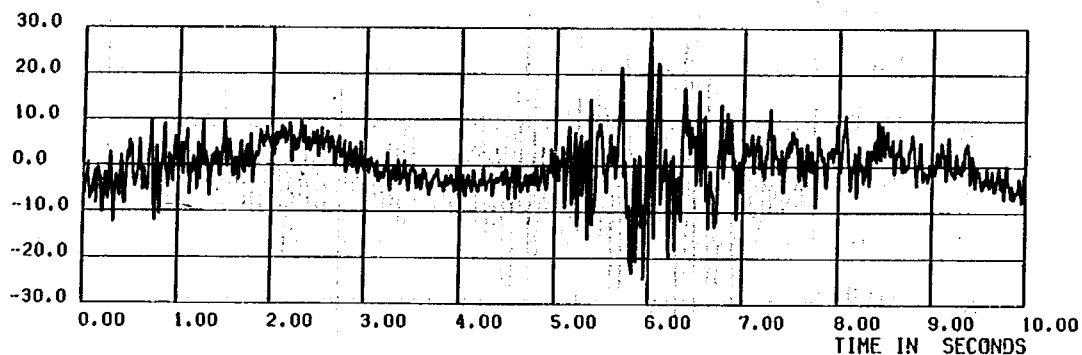


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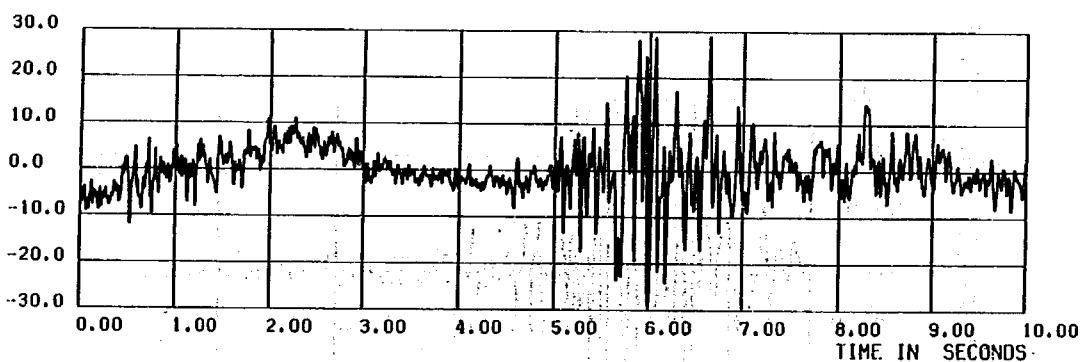


A-11 MIHO Original Accelerograms 7-1 (NS, EW, Z)

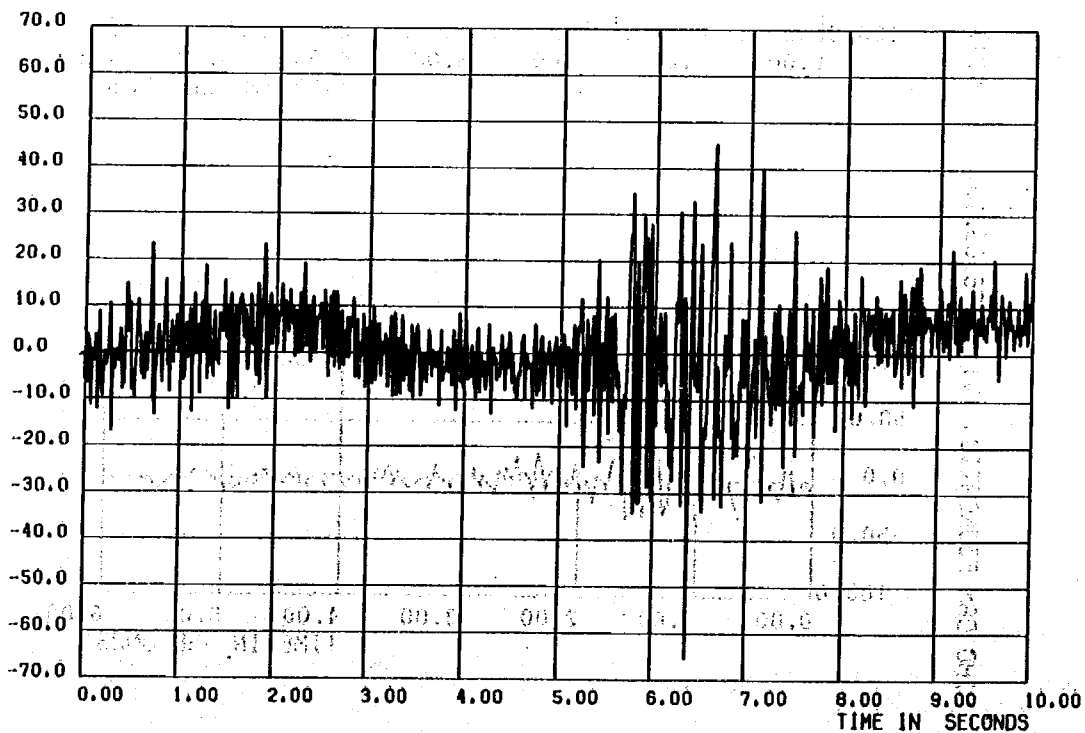
HIROSE DAM FOUNDATION X(TUNNEL) (76.06.16)



HIROSE DAM FOUNDATION Y(TUNNEL) (76.06.16)

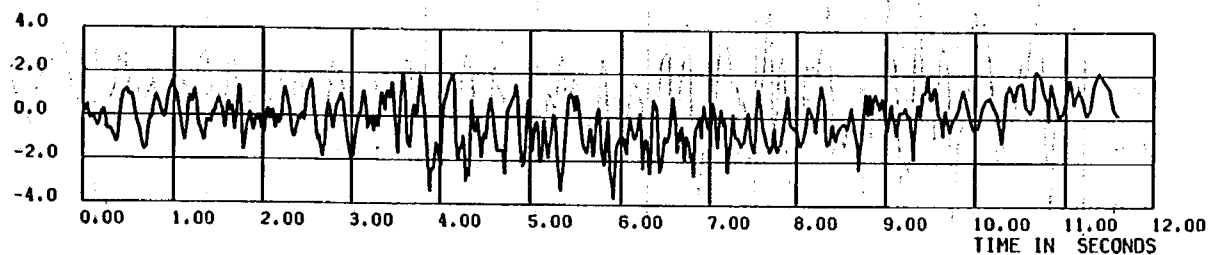


HIROSE DAM FOUNDATION Y(OFFICE) (76.06.16)

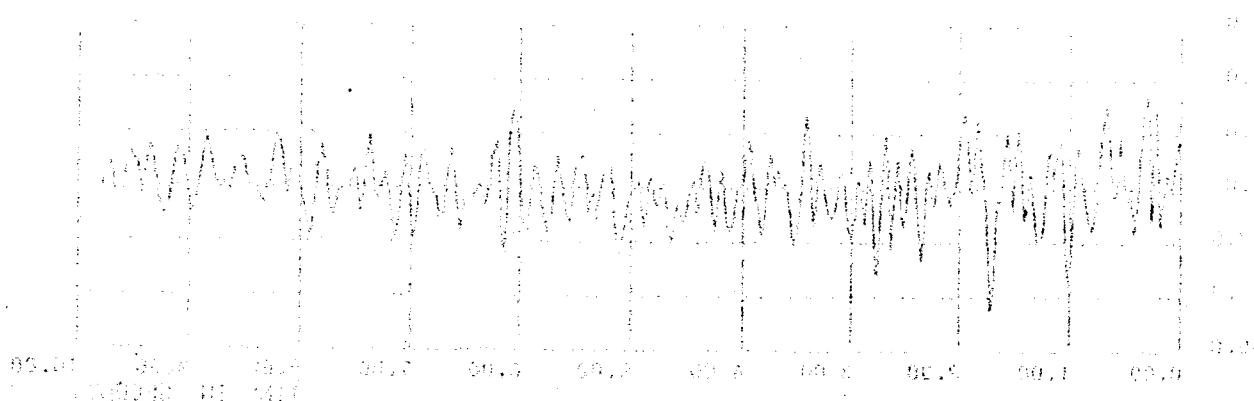


A-12 HIROSE Original Accelerograms 7-2 (X_T, Y_T, Y_O)

SHIJUSHIDA DAM FOUNDATION Y (76.07.08)

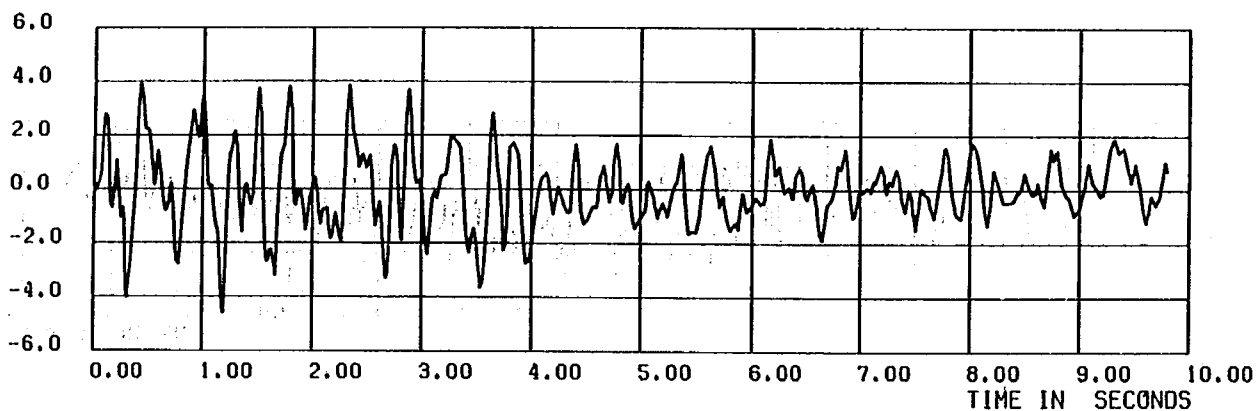


A-13 SHIJUSHIDA Original Accelerogram 8-1 (Y)

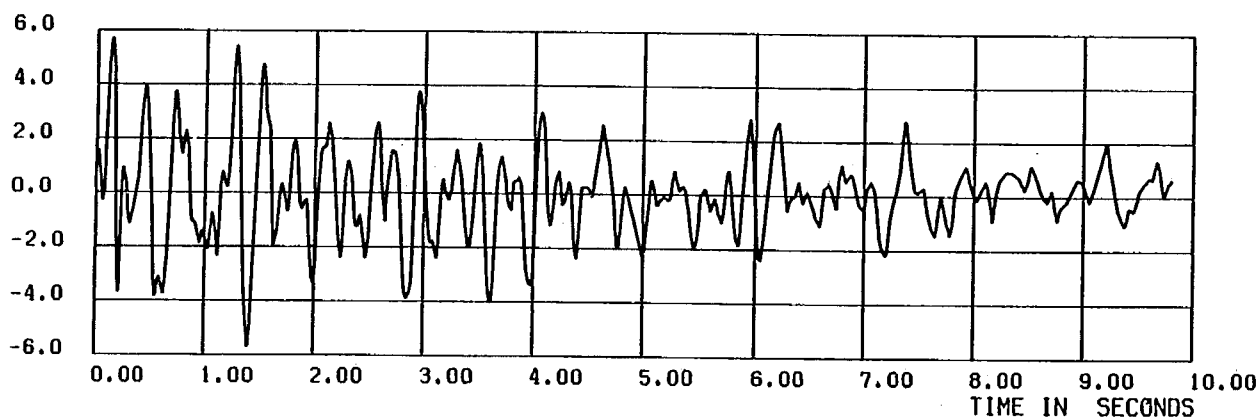


(S, Y, X) 3-0 SHIJUSHIDA DAM FOUNDATION Y (76.07.08)

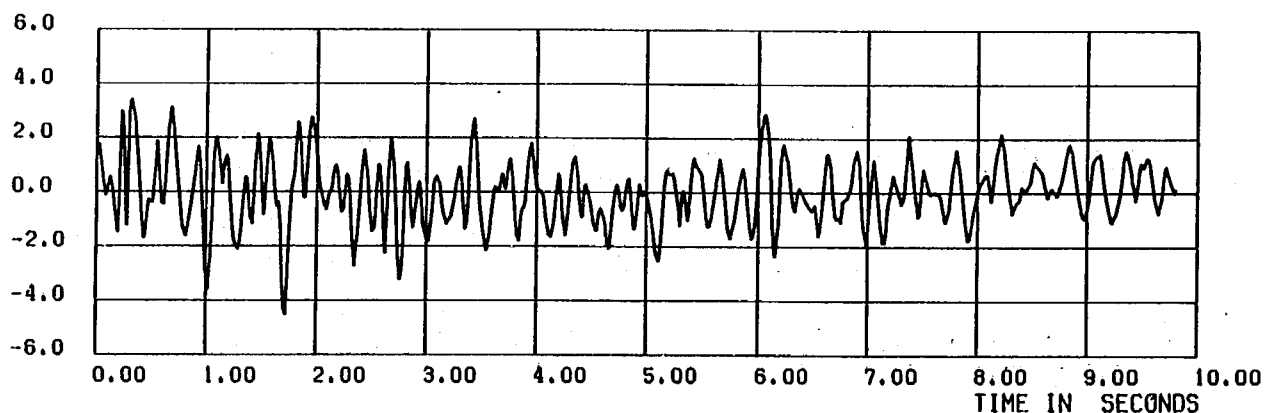
YUDA DAM FOUNDATION X (76.07.08)



YUDA DAM FOUNDATION Y (76.07.08)

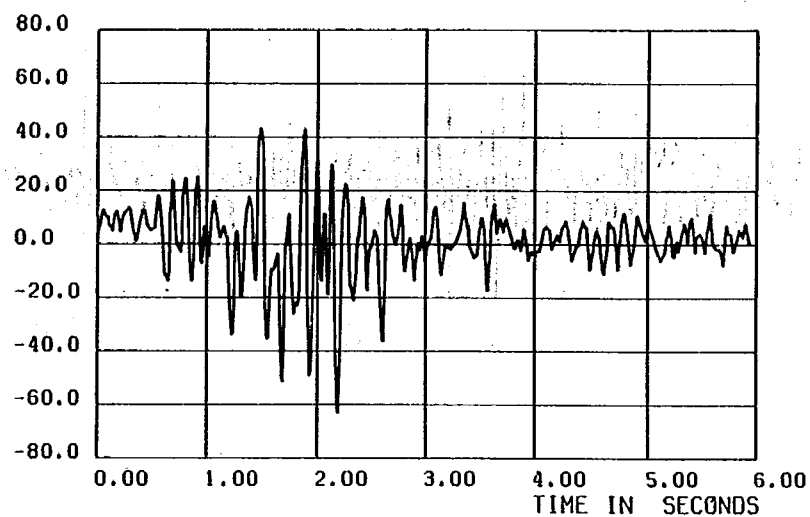


YUDA DAM FOUNDATION Z (76.07.08)

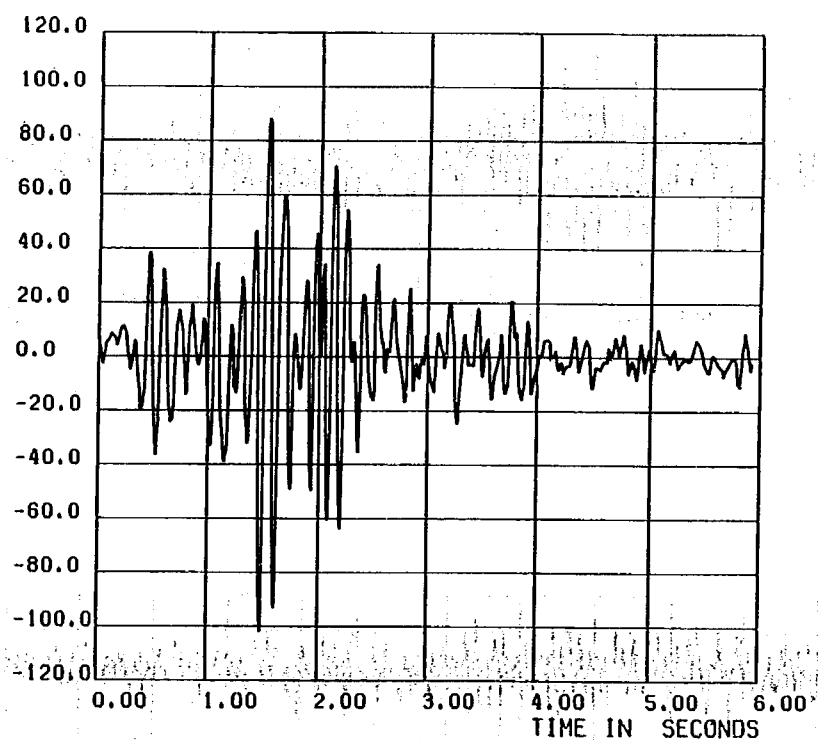


A-14 YUDA Original Accelerograms 8-2 (X, Y, Z)

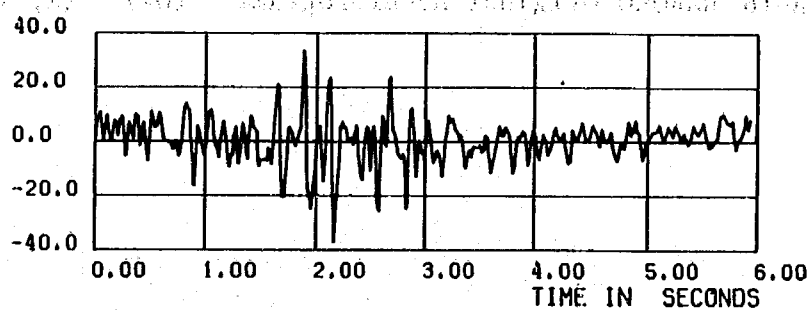
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TARUMIZU DAM FOUNDATION Y (78.02.20)

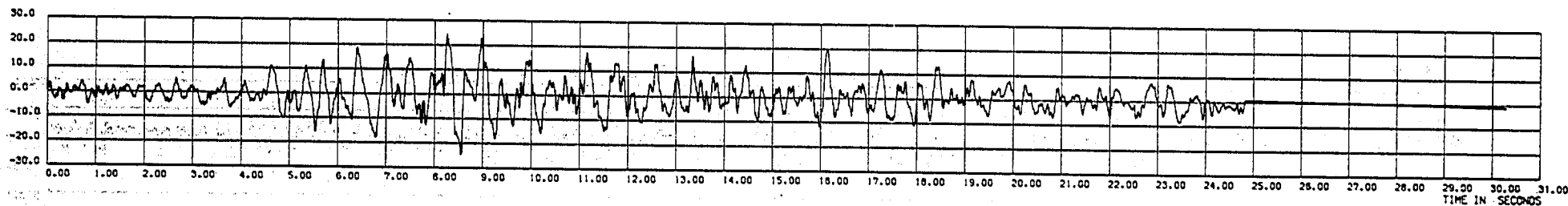


TARUMIZU DAM FOUNDATION Z (78.02.20)

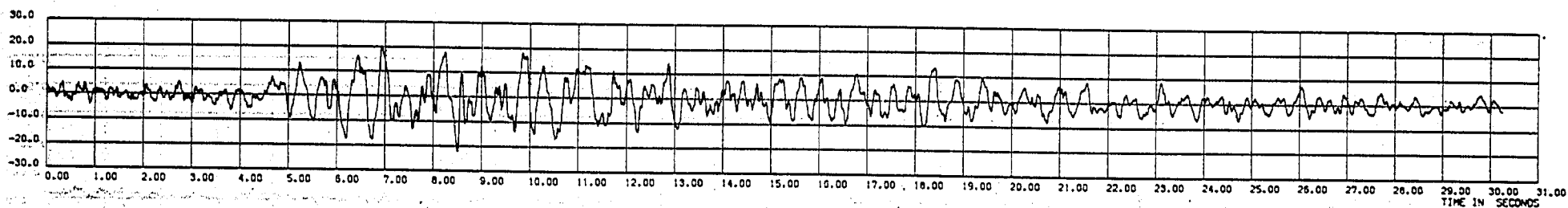


A-15 TARUMIZU Original Accelerograms 9 (X, Y, Z)

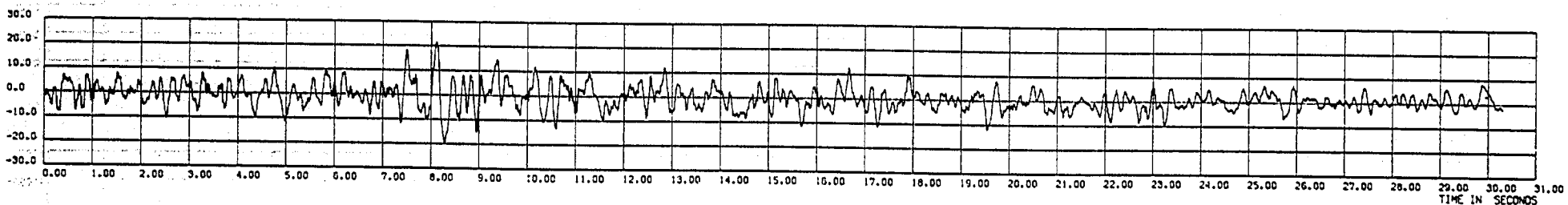
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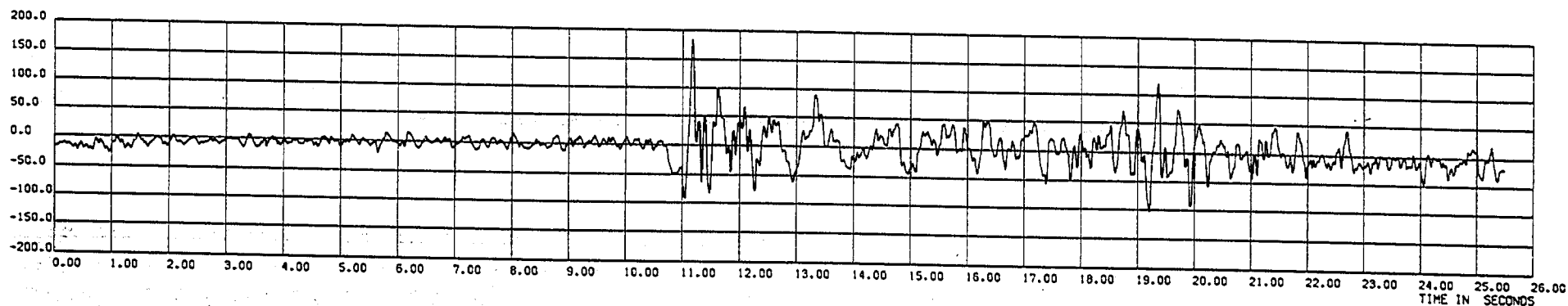


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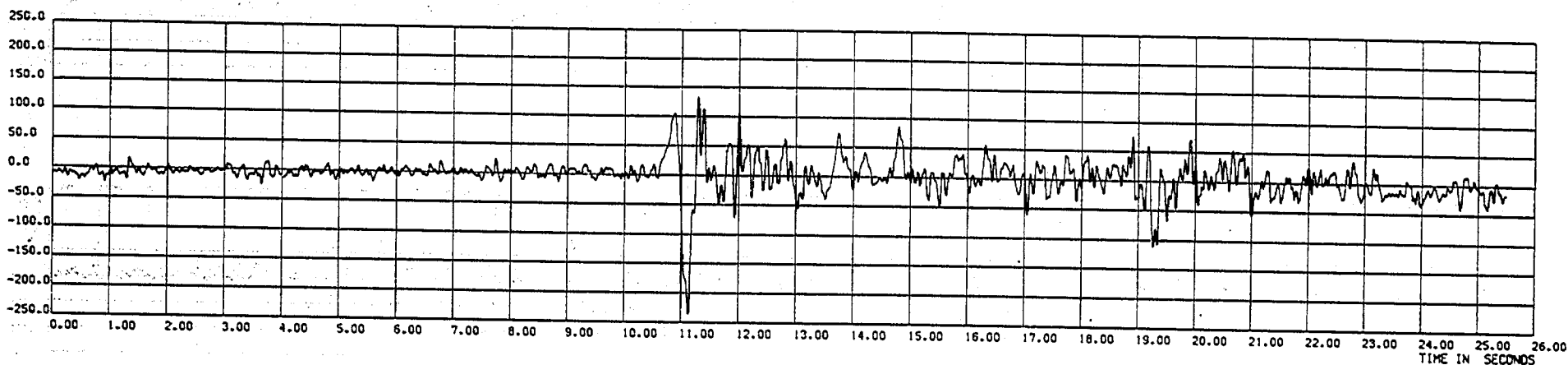


A-17 YUDA Original Accelerograms 10-2 (X, Y, Z)

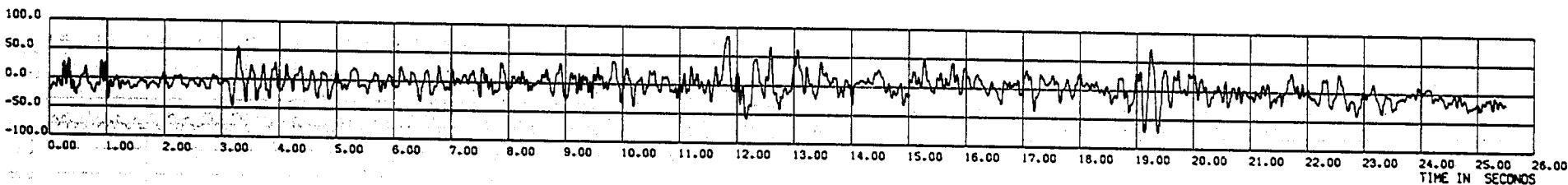
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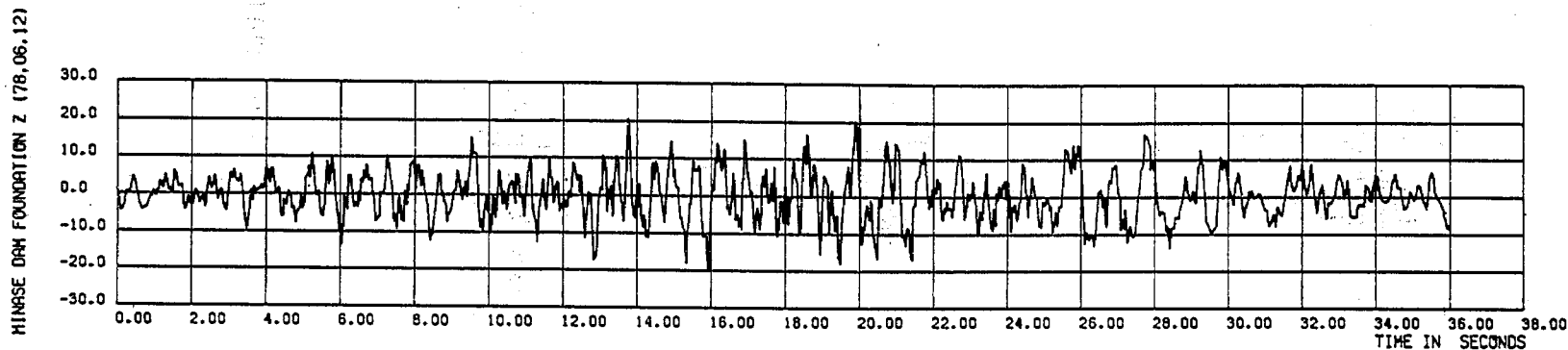
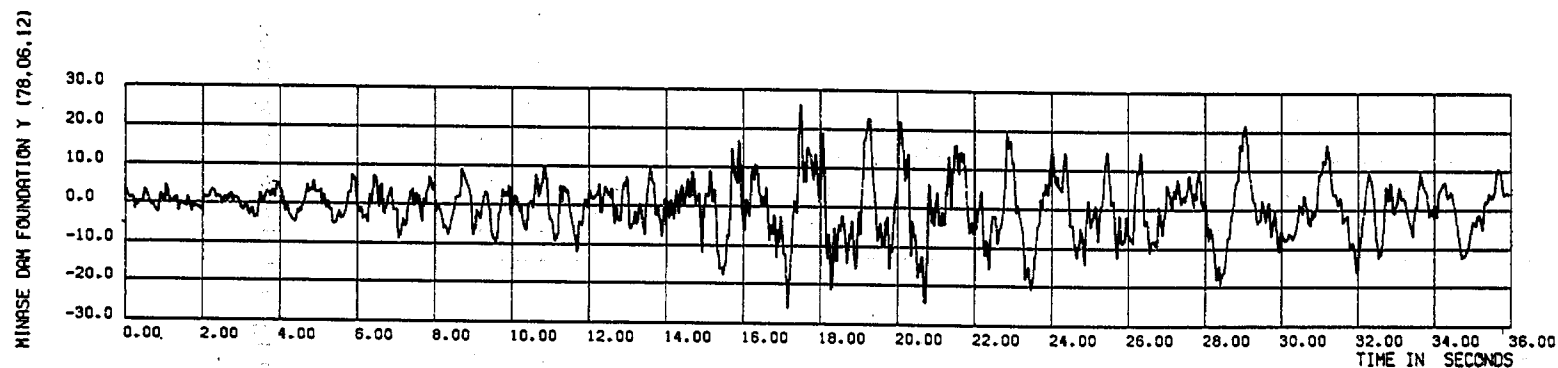
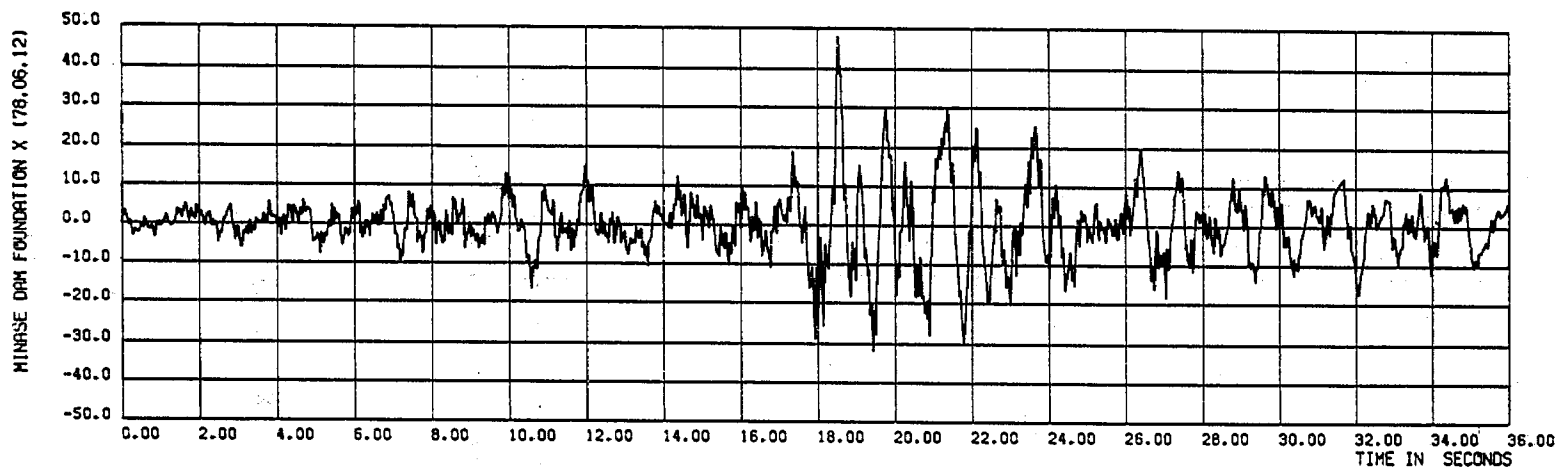
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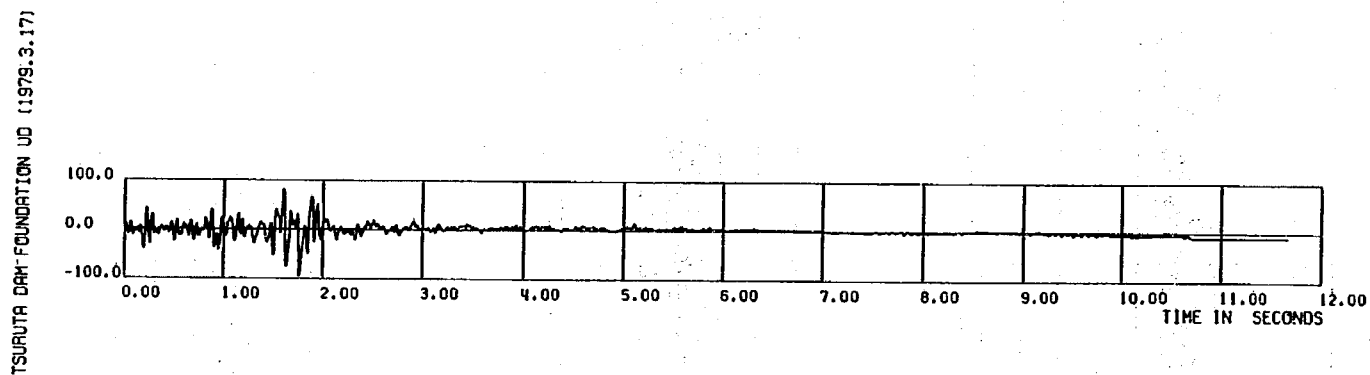
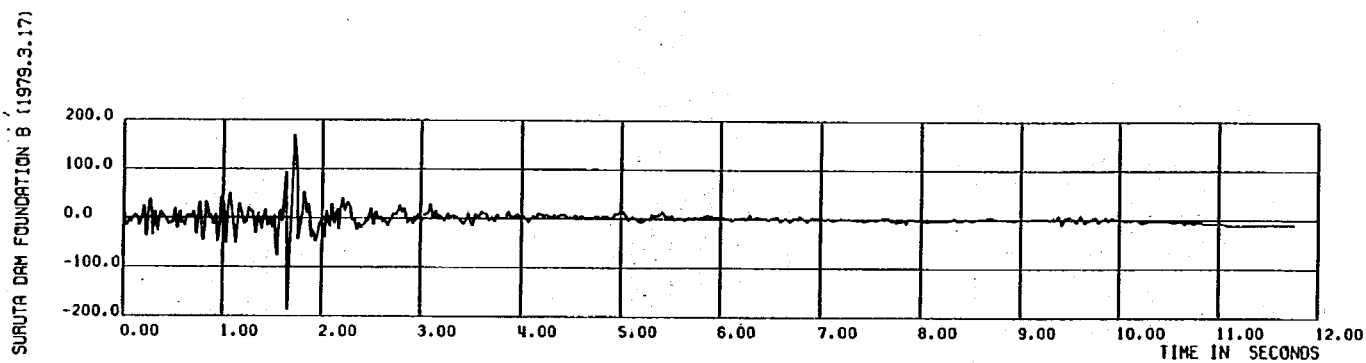
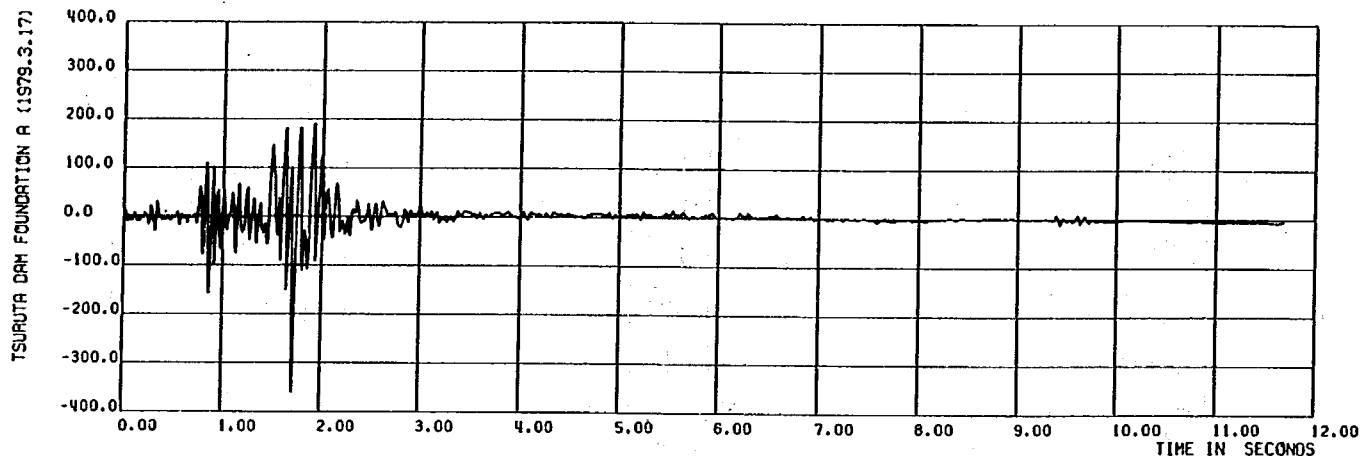
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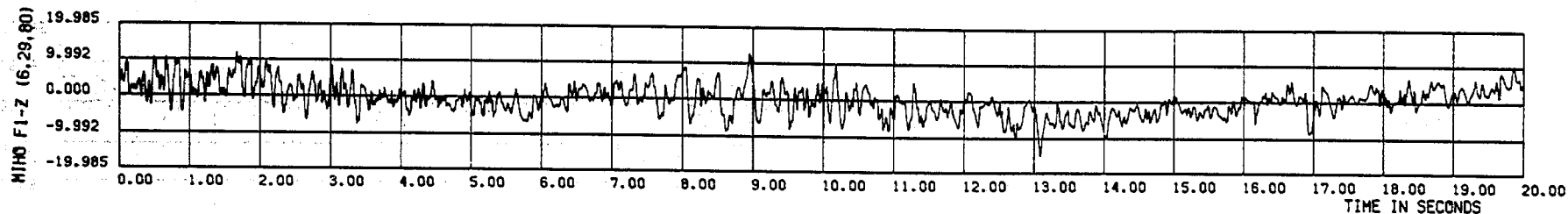
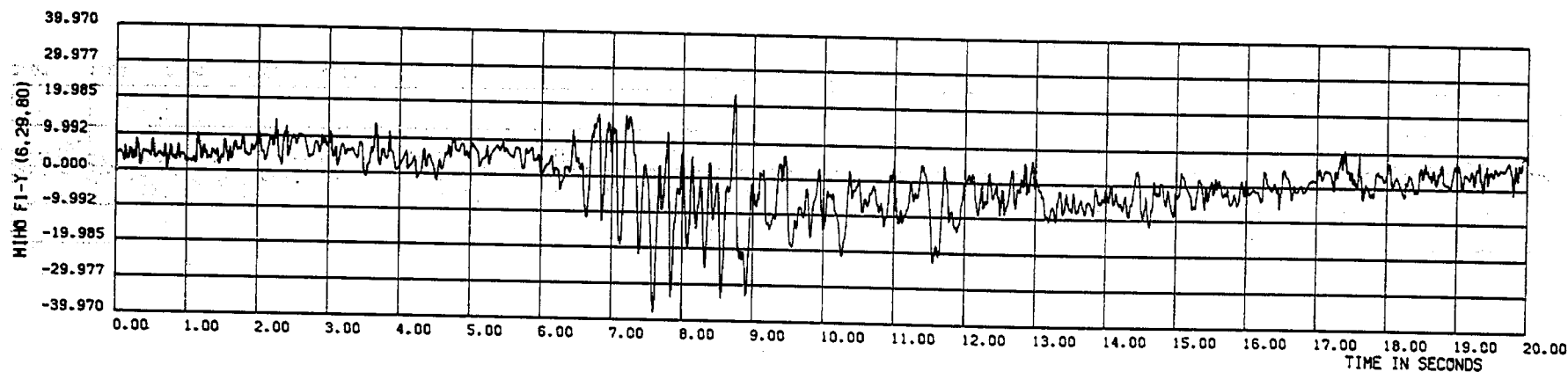
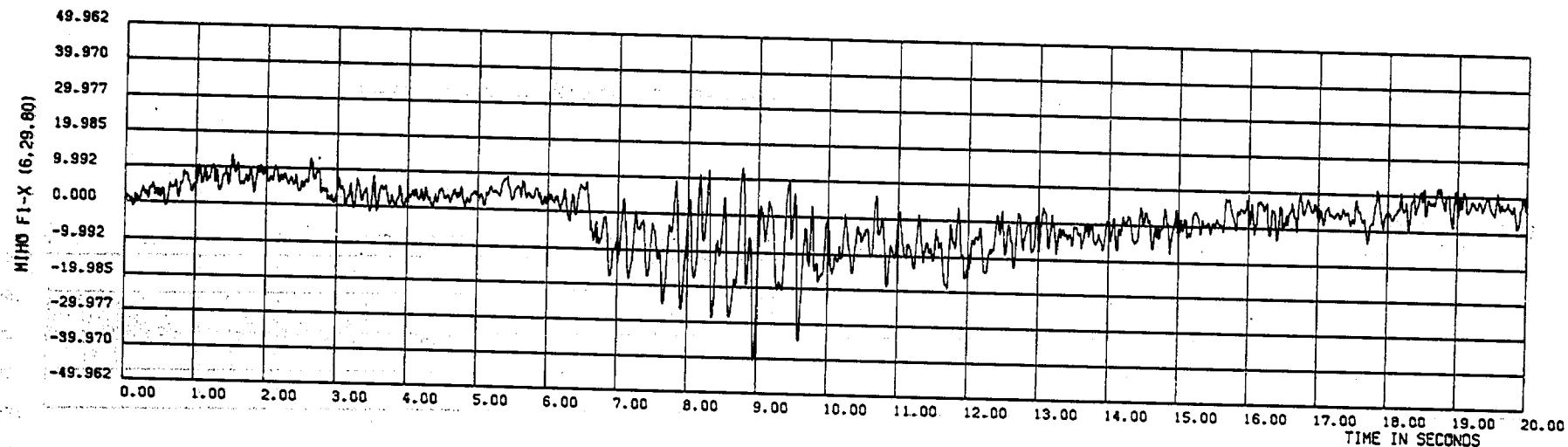
A-18 TARUMIZU Original Accelerograms 10-3 (X, Y, Z)



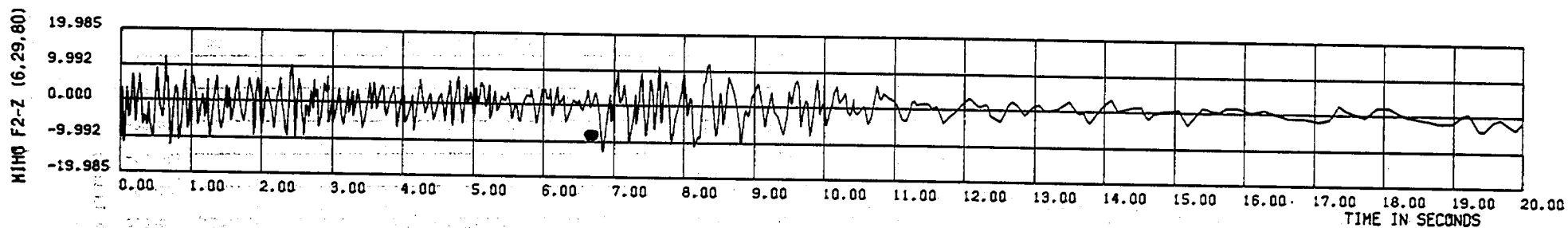
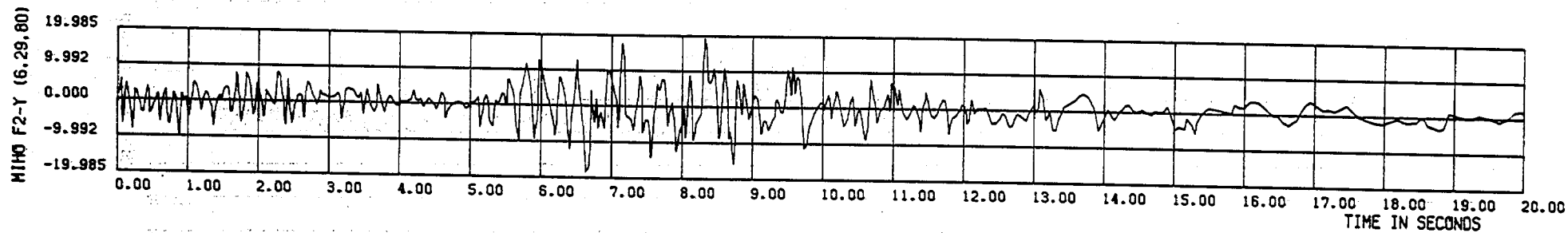
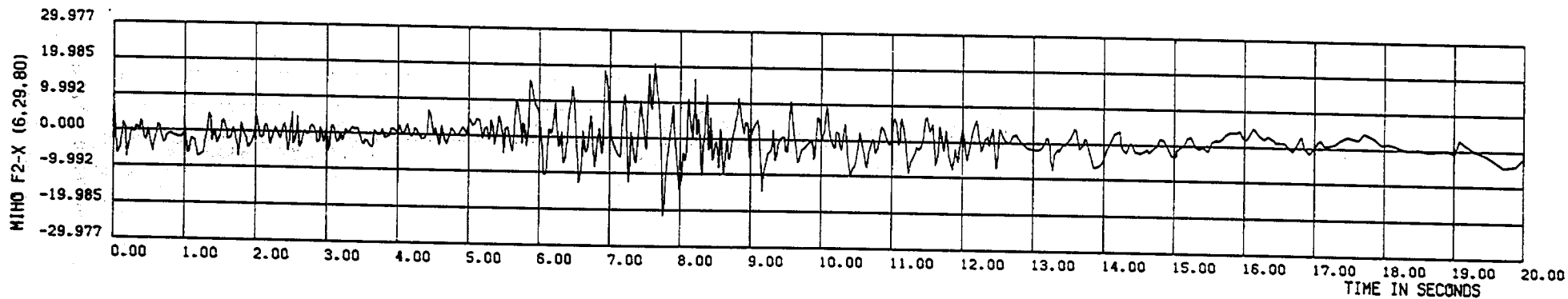
A-19 MINASE Original Accelerograms 10-4 (X, Y, Z)



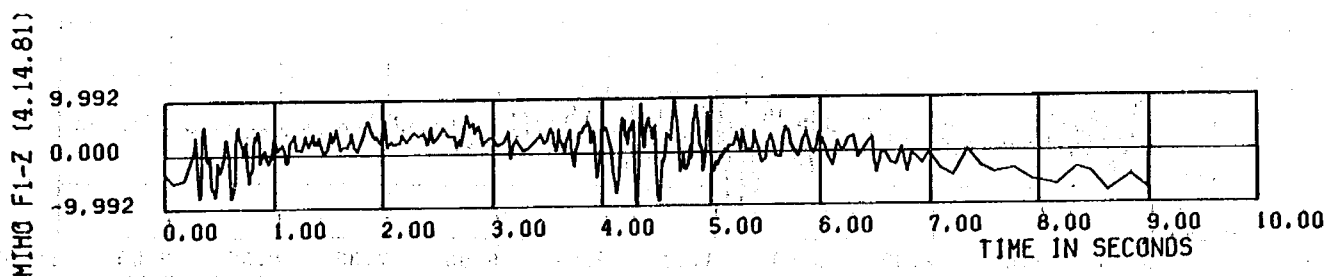
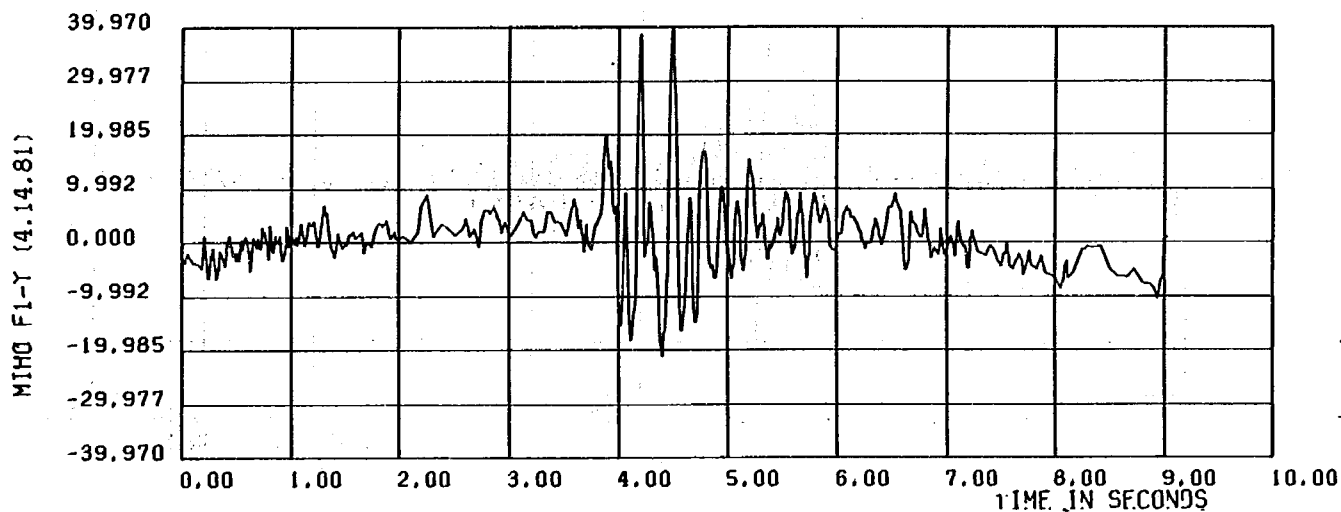
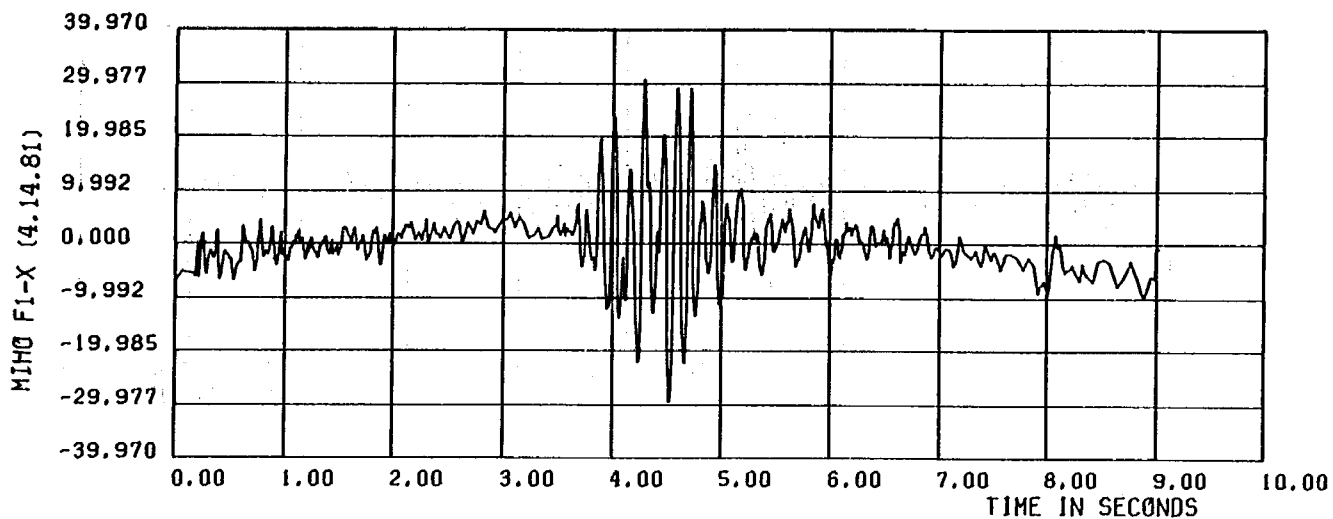
A-20 TSURUTA Original Accelerograms 11 (X, Y, Z)



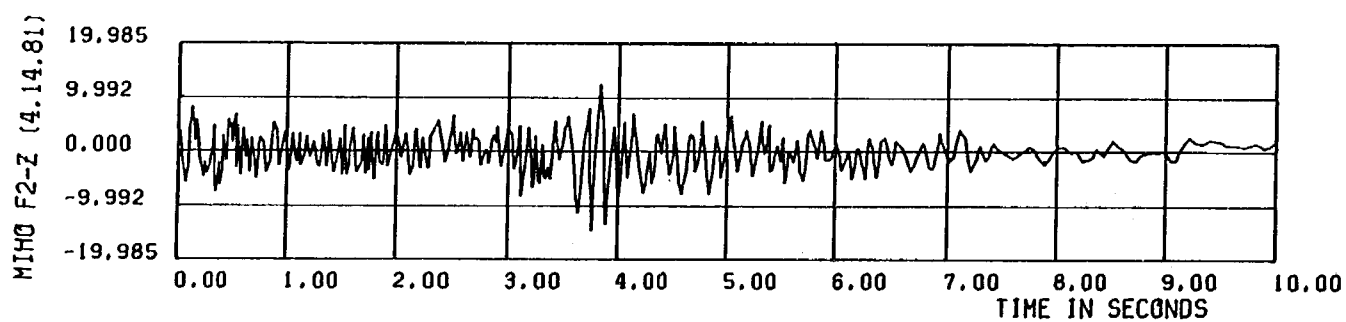
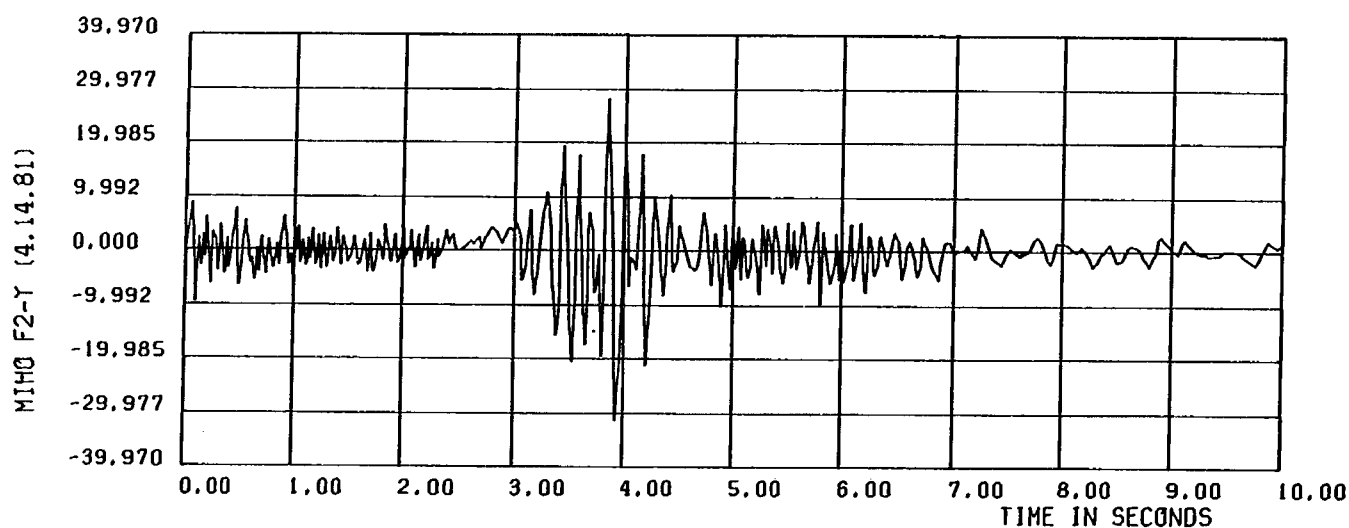
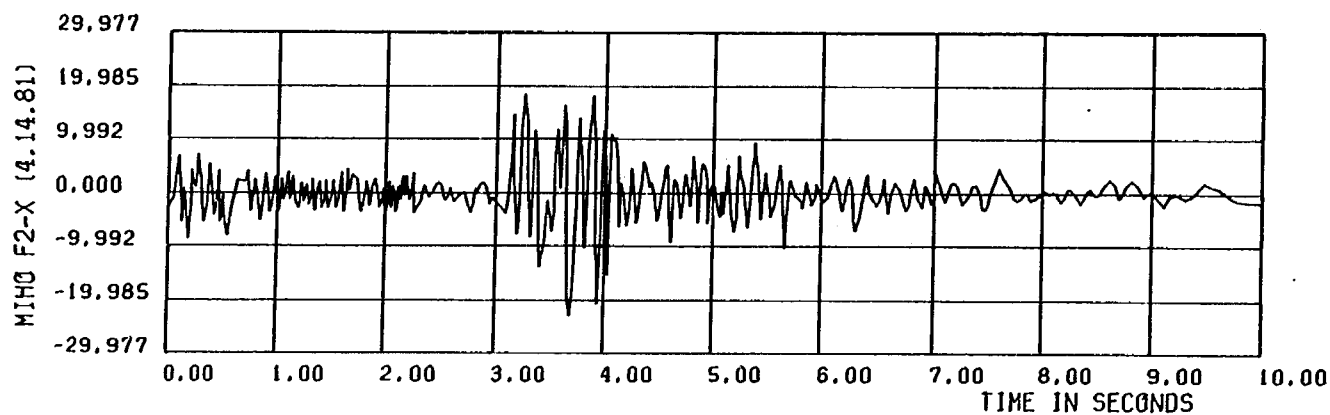
A-21 MIHO Original Accelerograms 12-1 (X, Y, Z)



A-22 MIHO Original Accelerograms 12-2 (X, Y, Z)



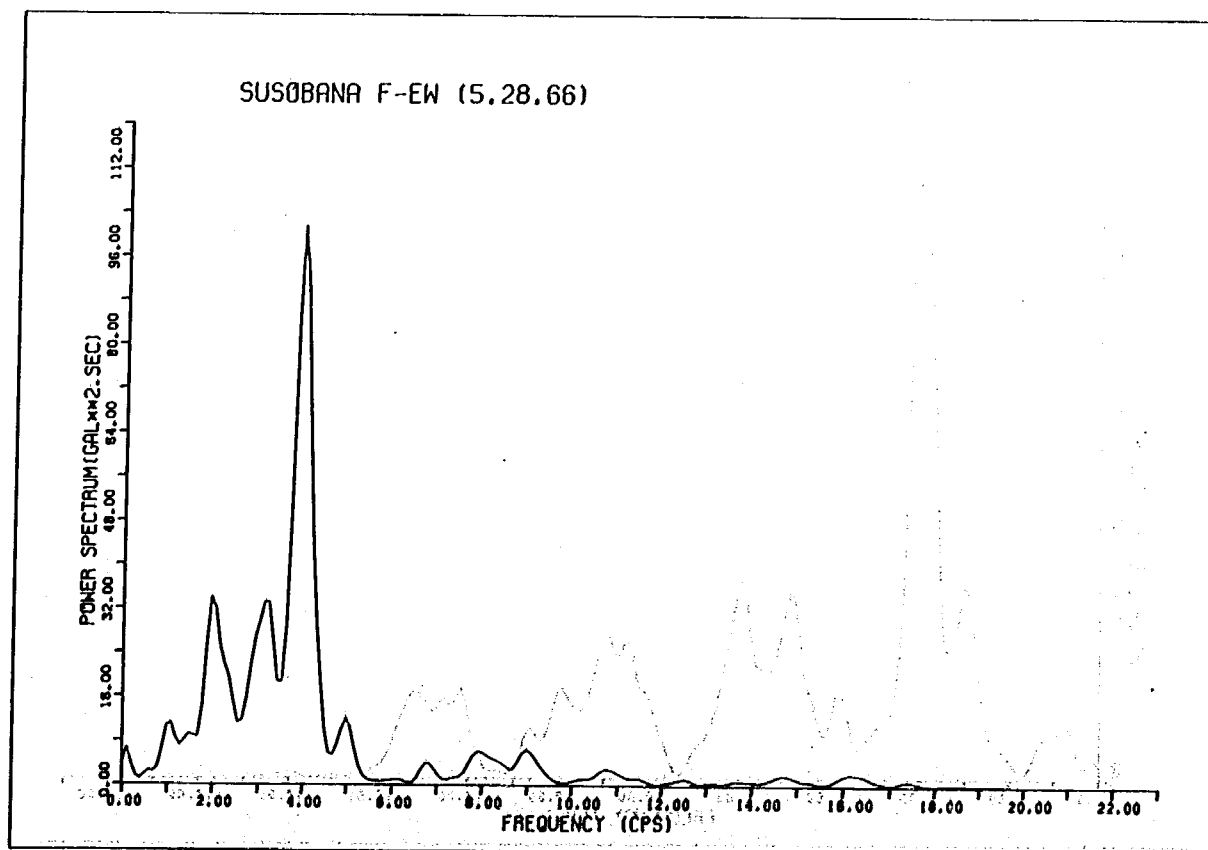
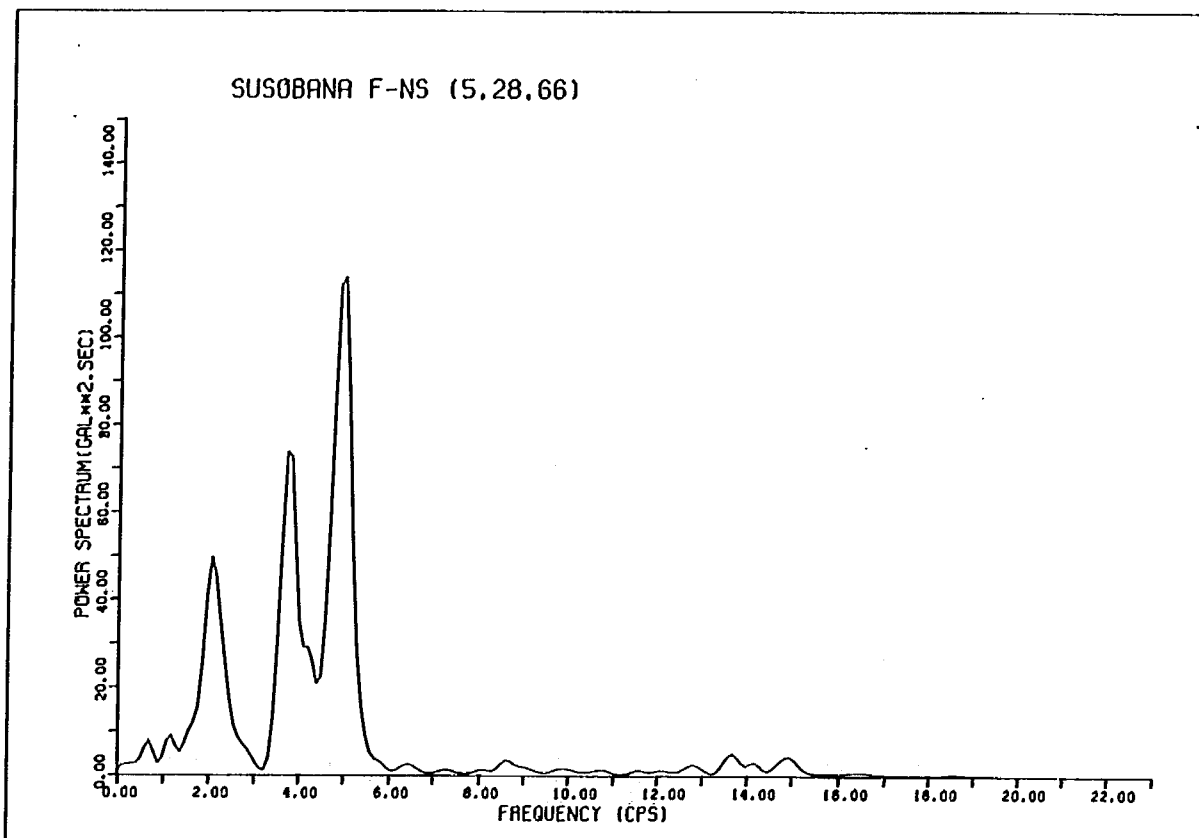
A-23, MIHO Original Accelerograms 13-1 (X, Y, Z)



A-24 MIHO Original Accelerograms 13-2 (X, Y, Z)

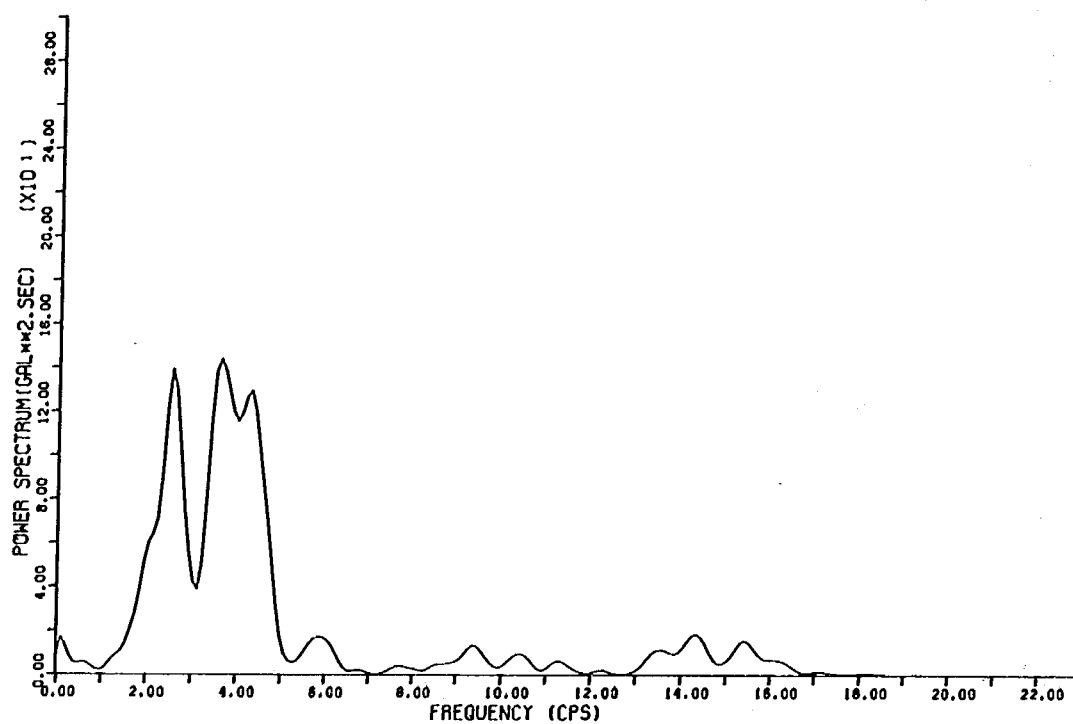
B パワースペクトル

114 2-3-12 11

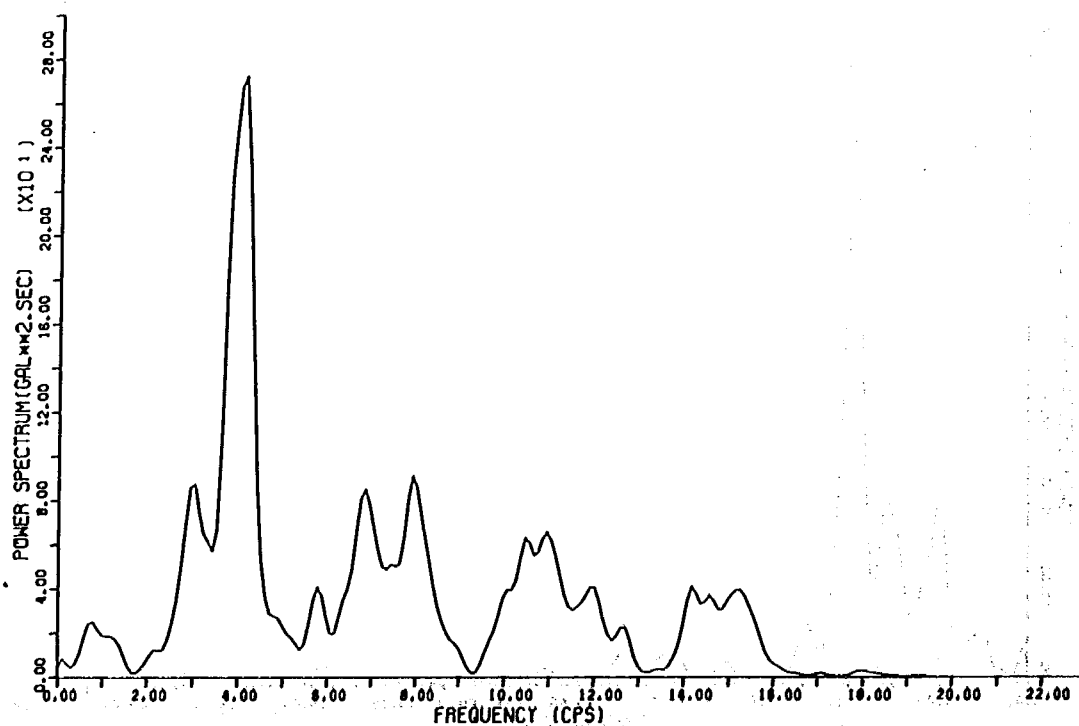


(10) (11) 3 AMANDINO 15-6
B-1 SUSOBANA 1 (NS, EW)

SUSOBANA F-NS (8.20.66)

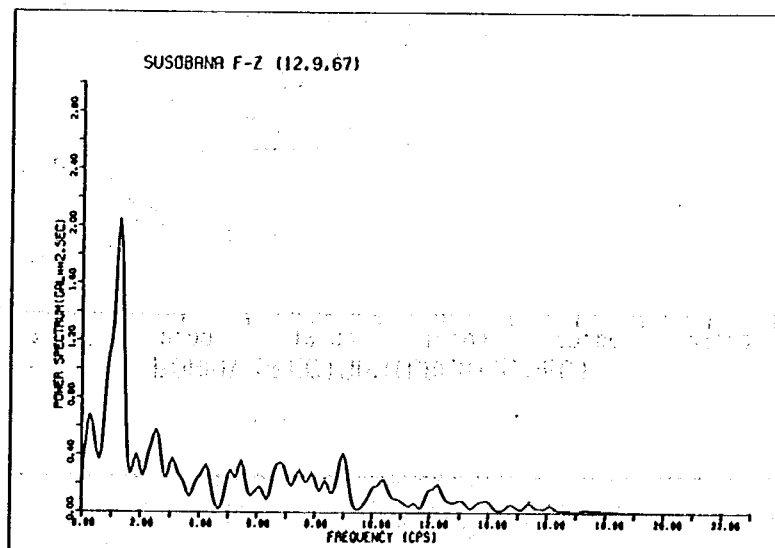
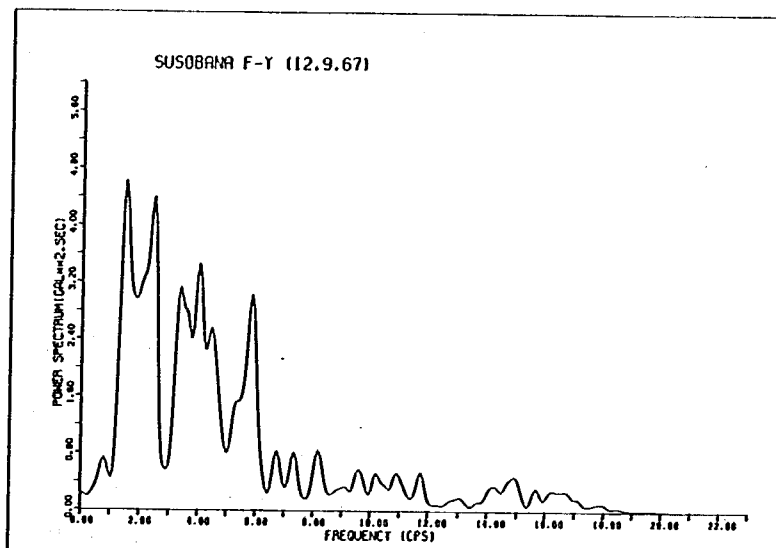
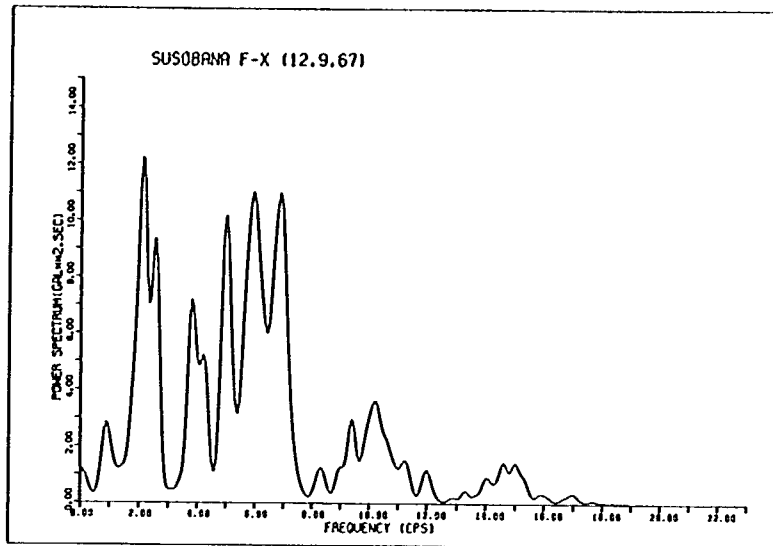


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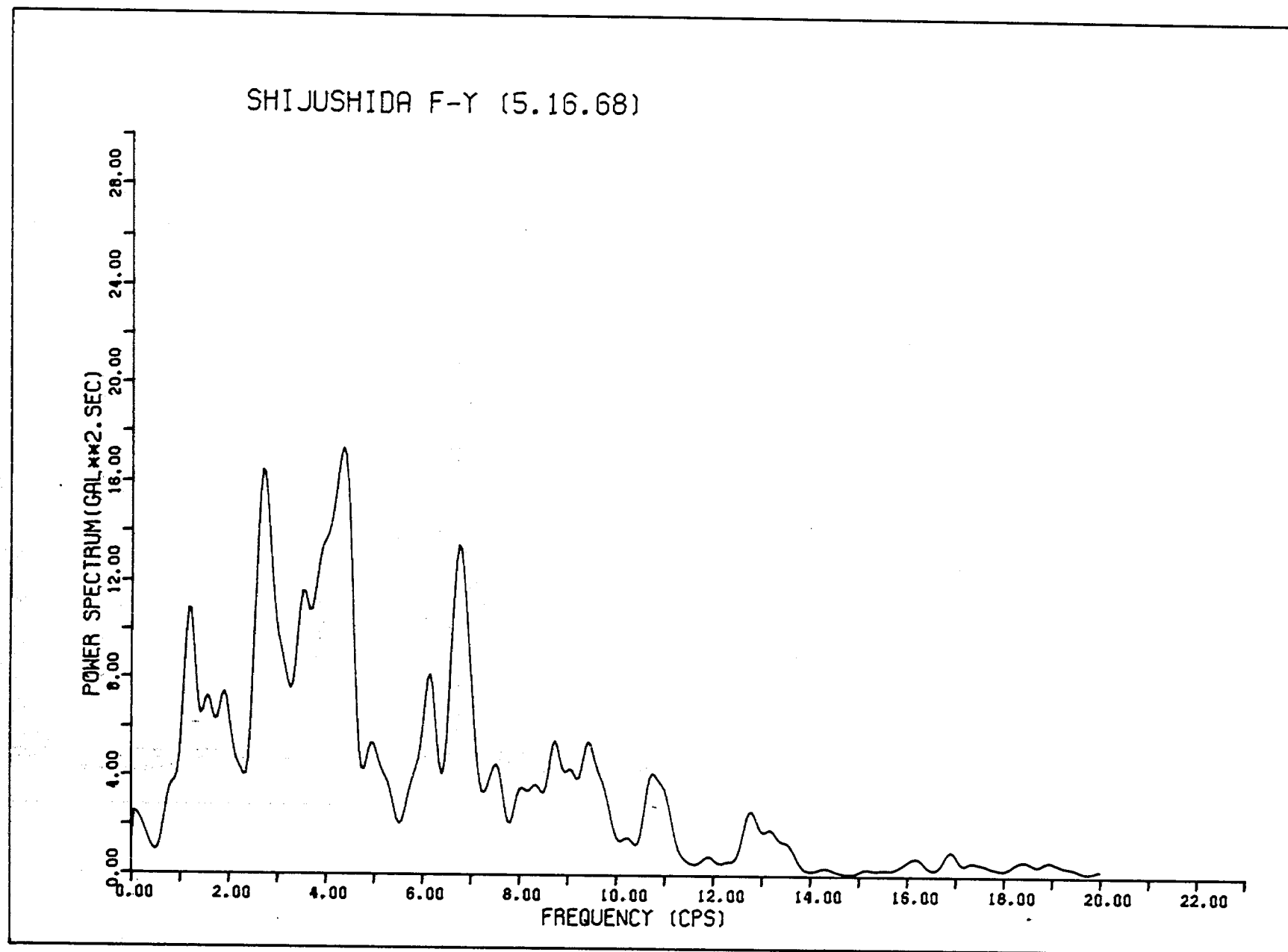
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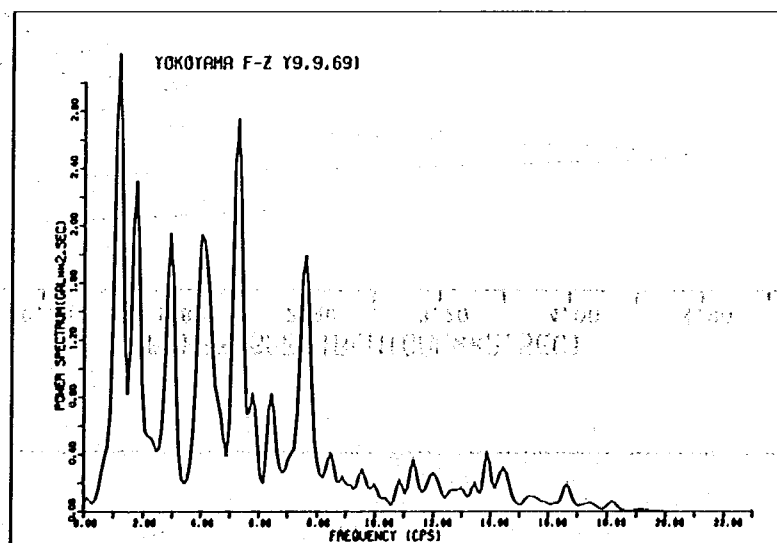
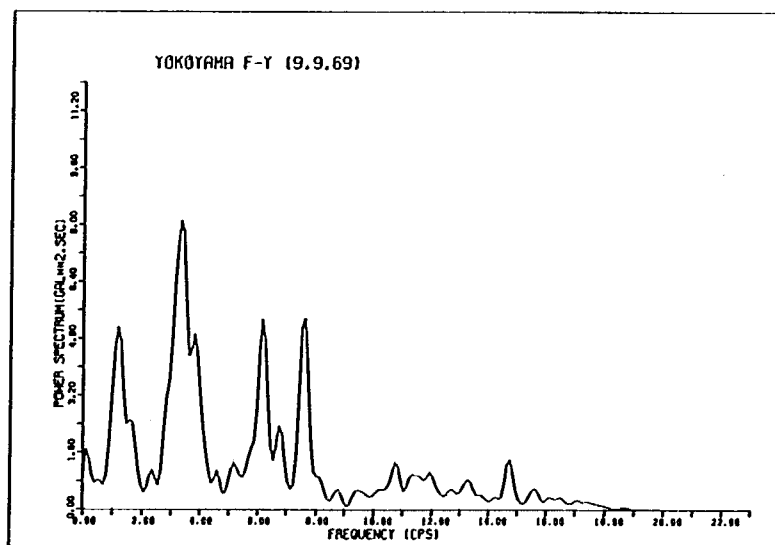
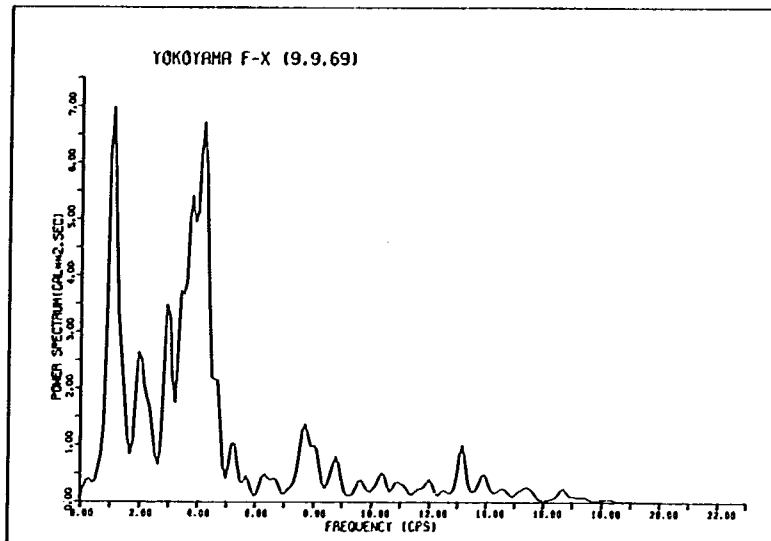
(10.00) 1.00 1.00 1.00 1.00



B-3 SUSOBANA 3 (X, Y, Z)

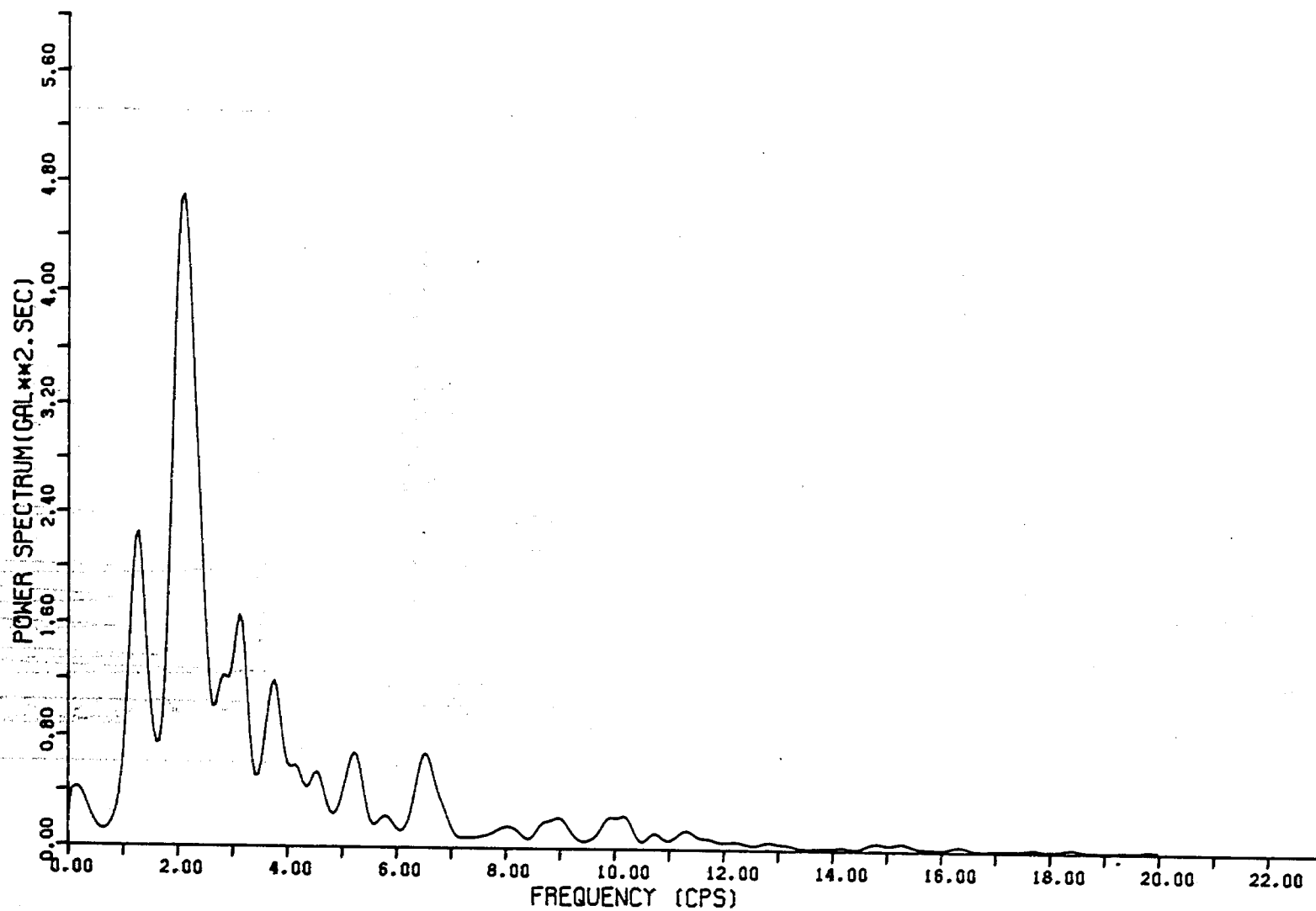
SHIJUSHIDA F-Y (5.16.68)



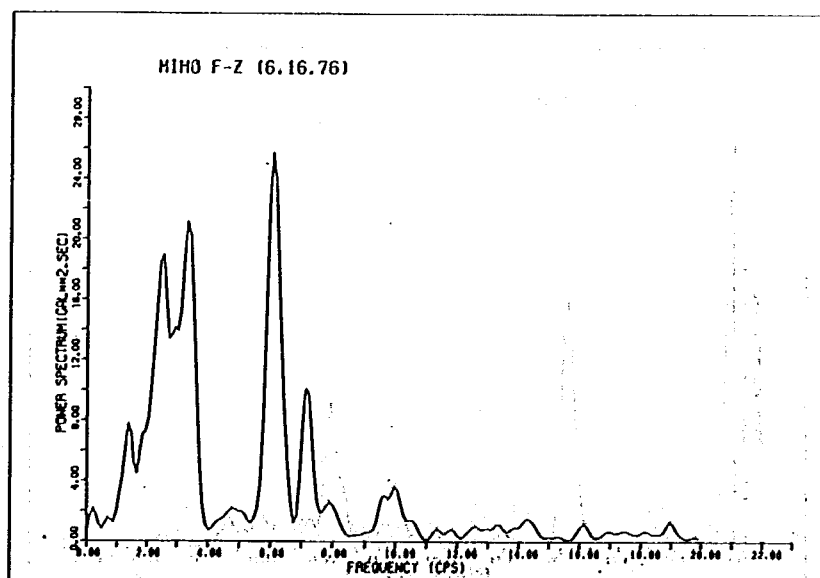
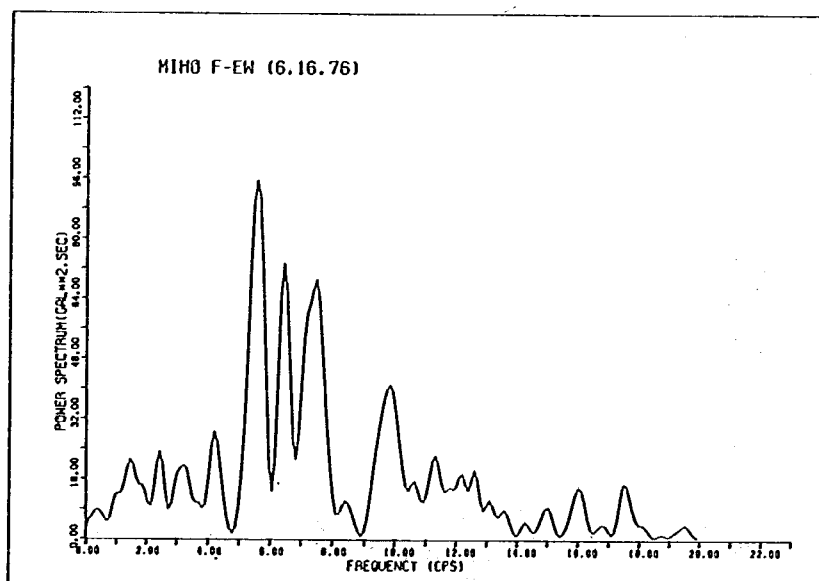
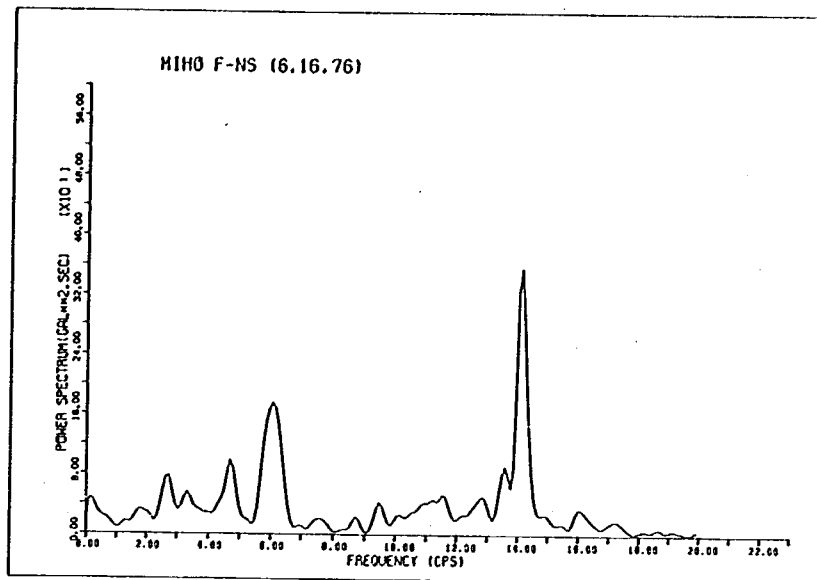


B-5 YOKOYAMA 5 (X, Y, Z)

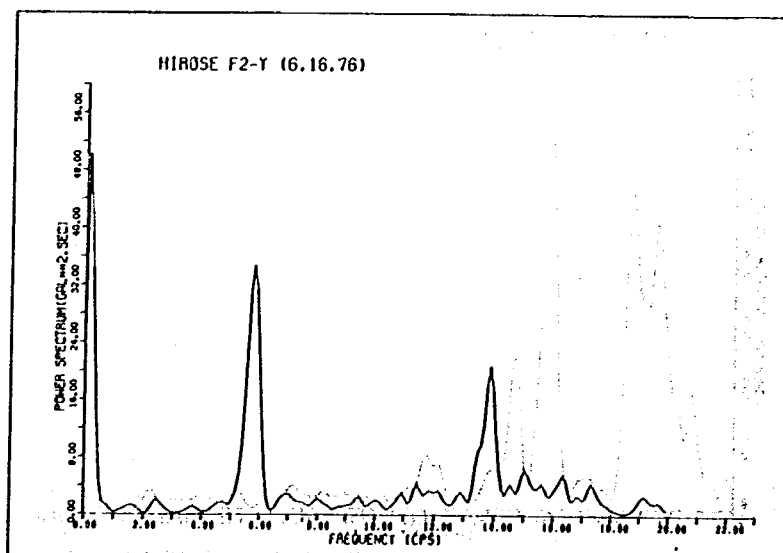
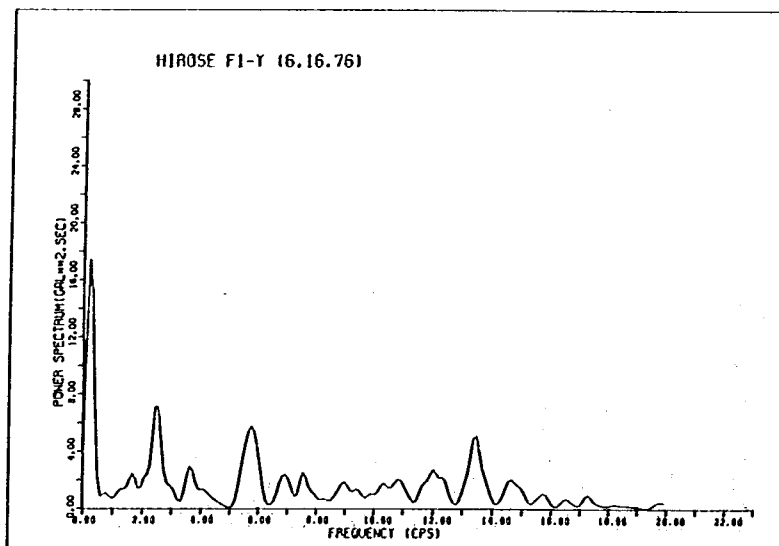
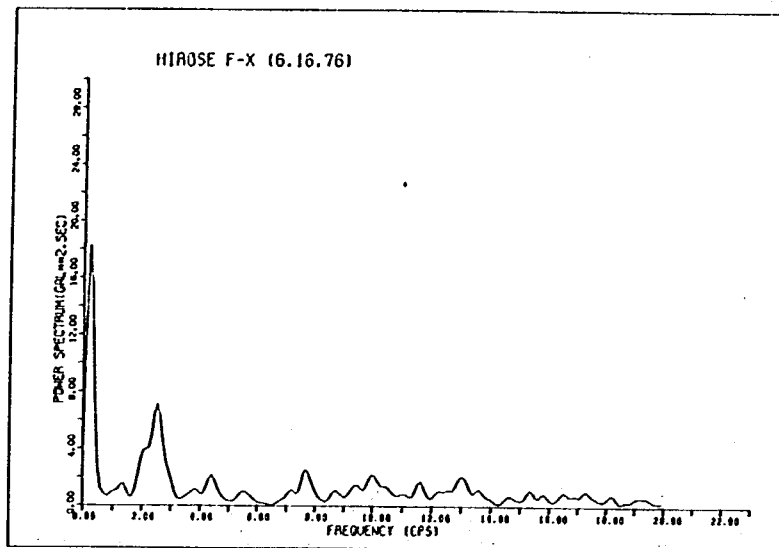
SHIJUSHIDA F-Y (9.4.74)



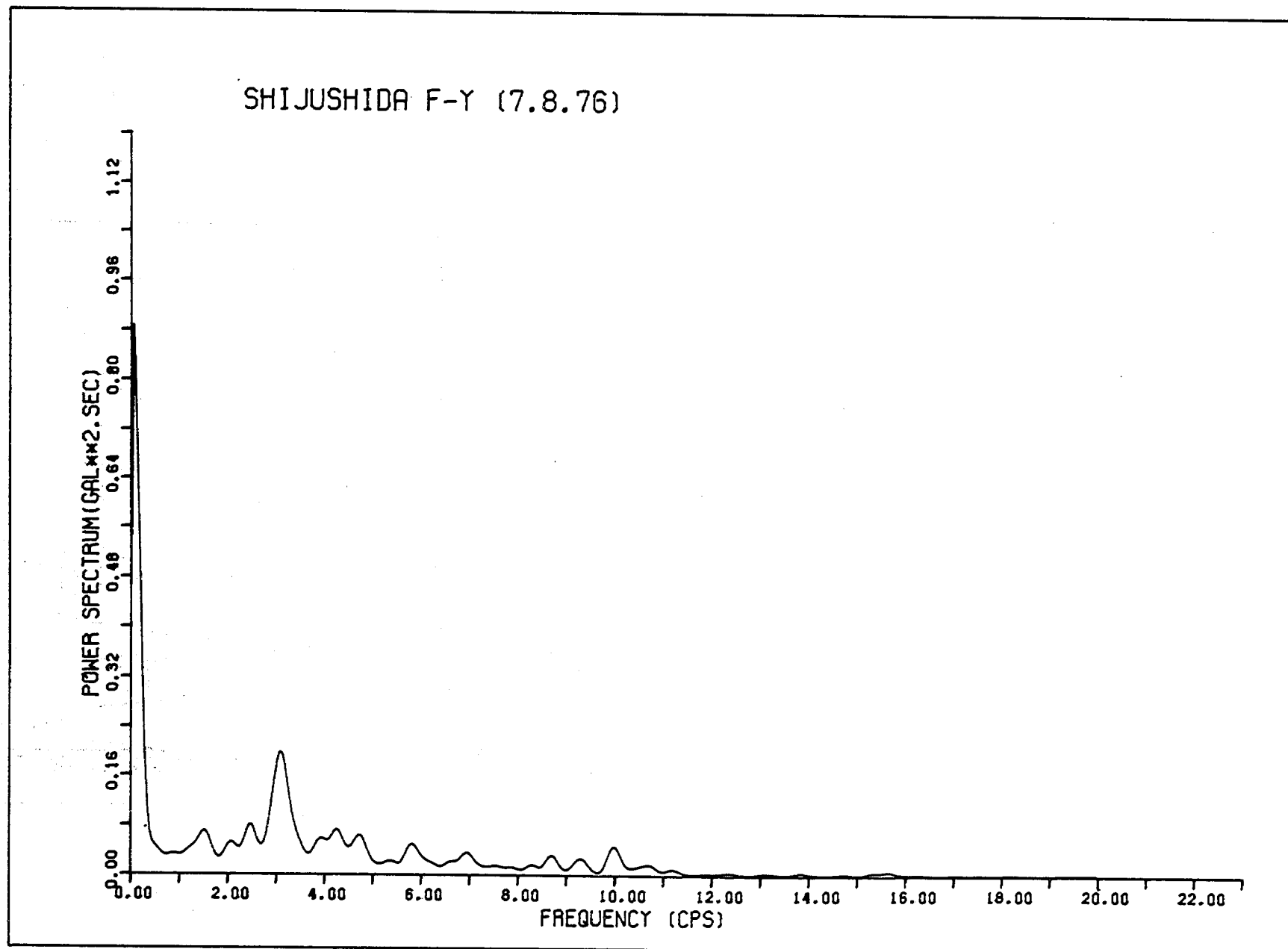
B-6 SHIJUSHIDA 6 ($\bar{Y}$)

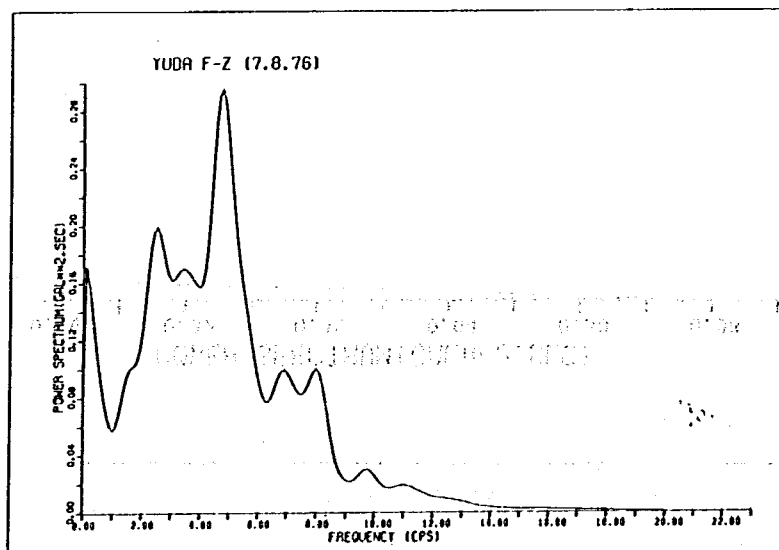
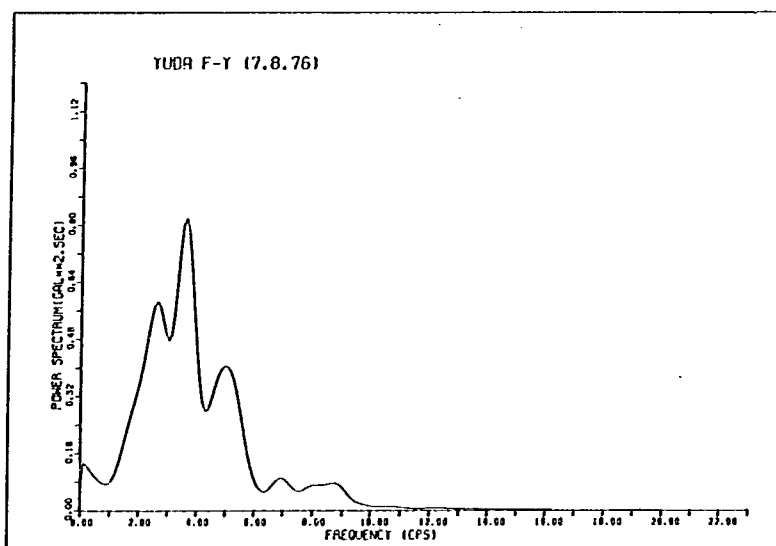
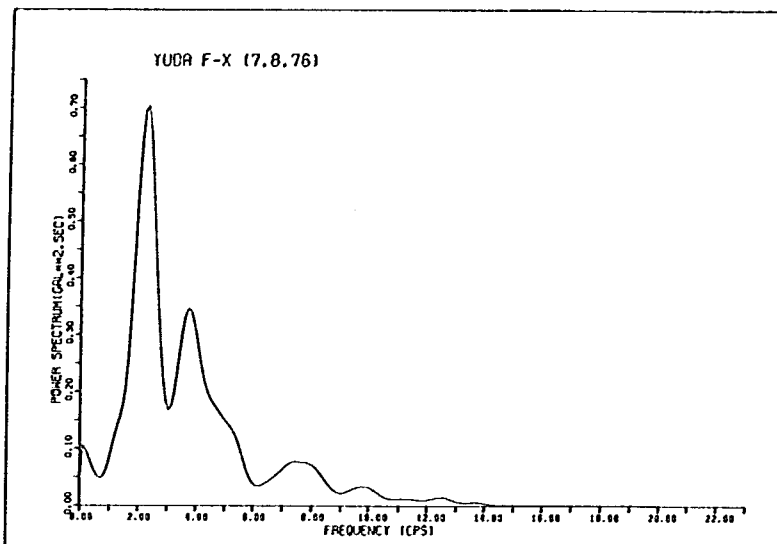


COYB-7 MIHO 7-1 (NS, EW, Z)

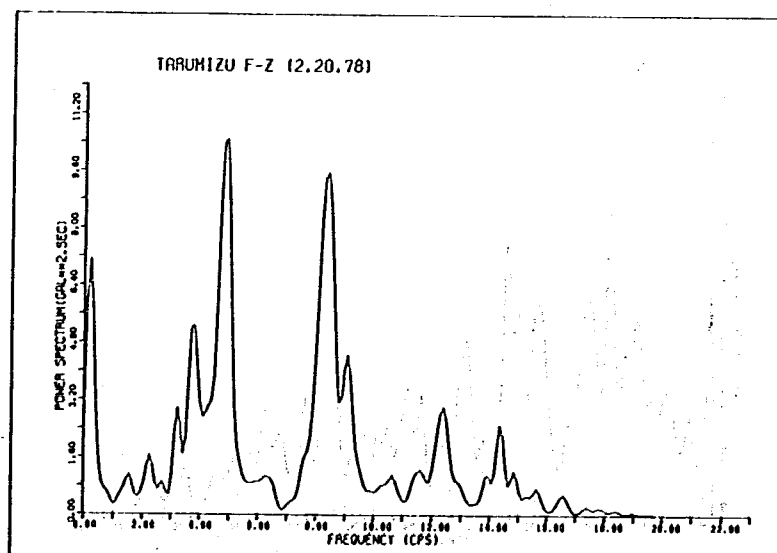
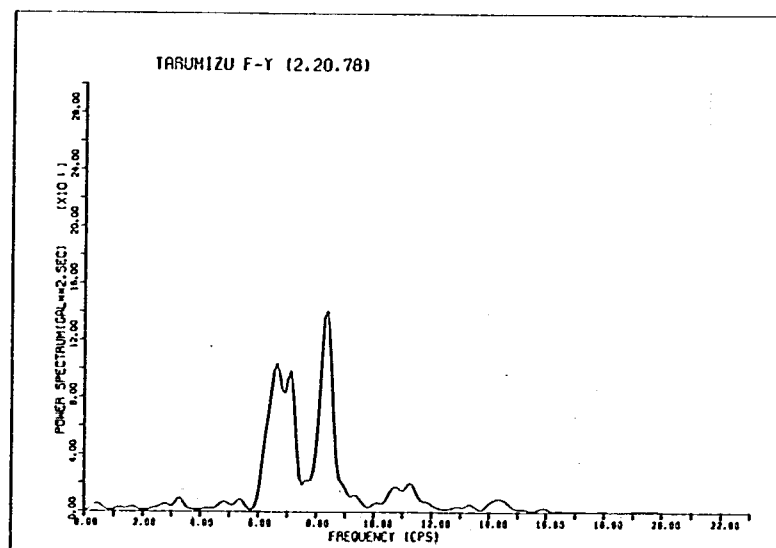
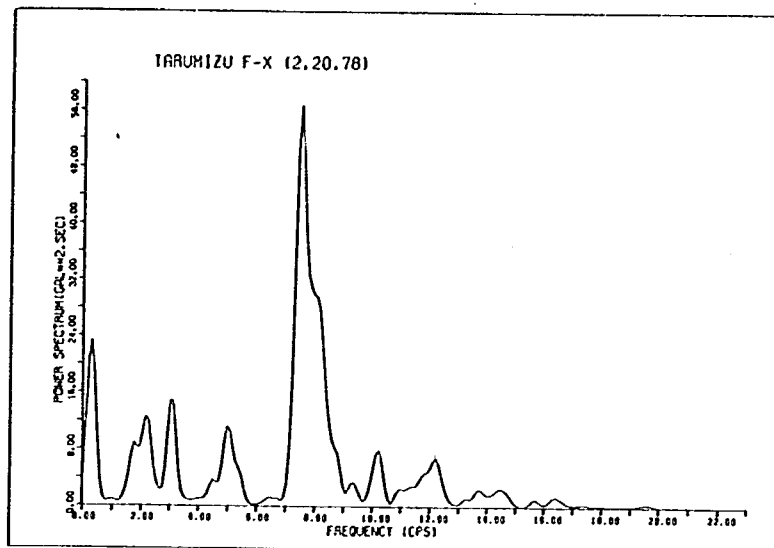


B-8 HIROSE 7-2 (X_T, Y_T, Y₀)

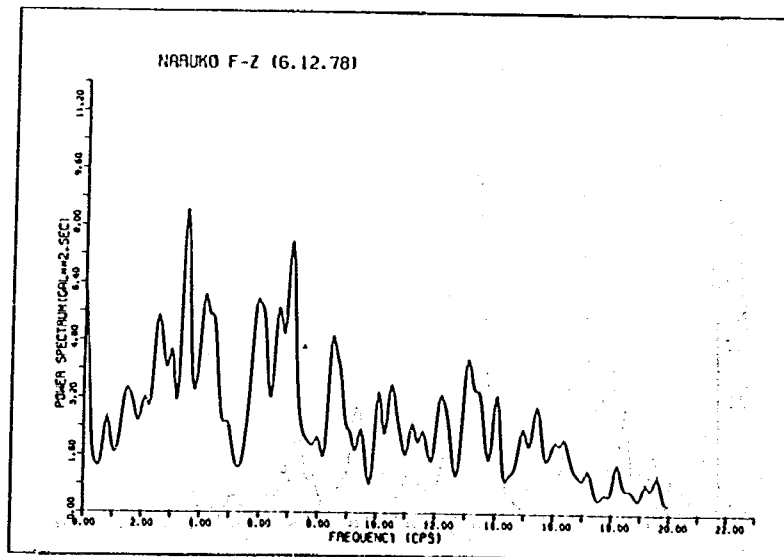
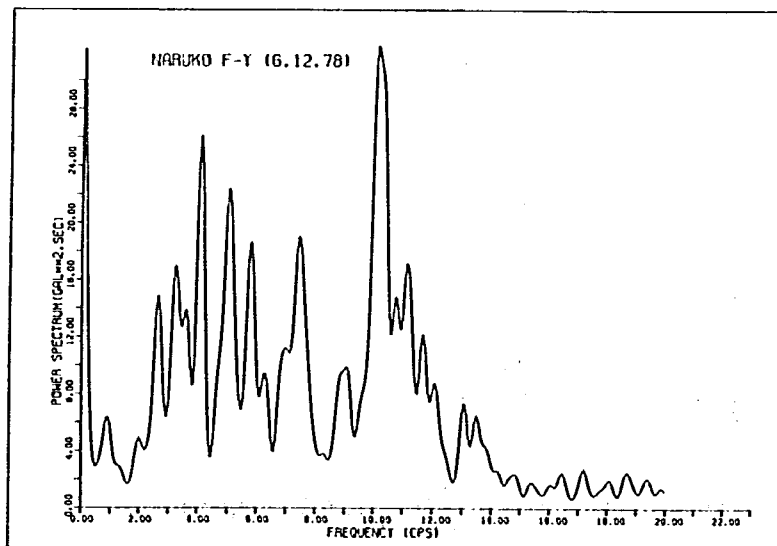
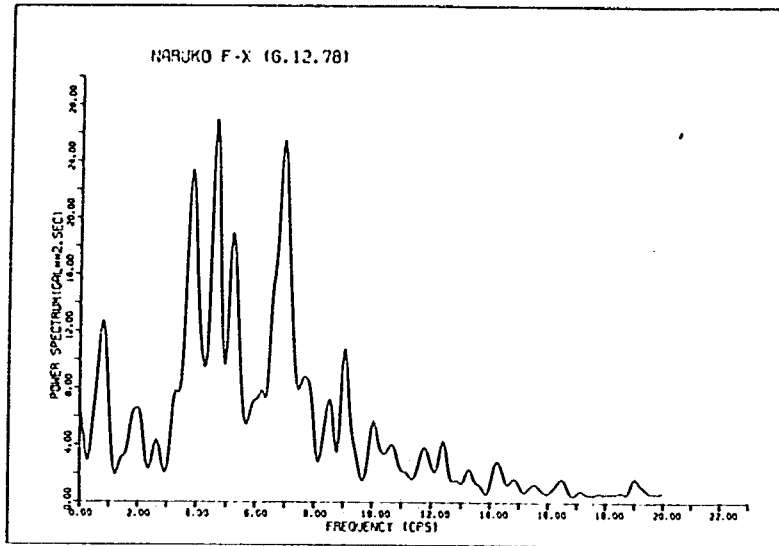




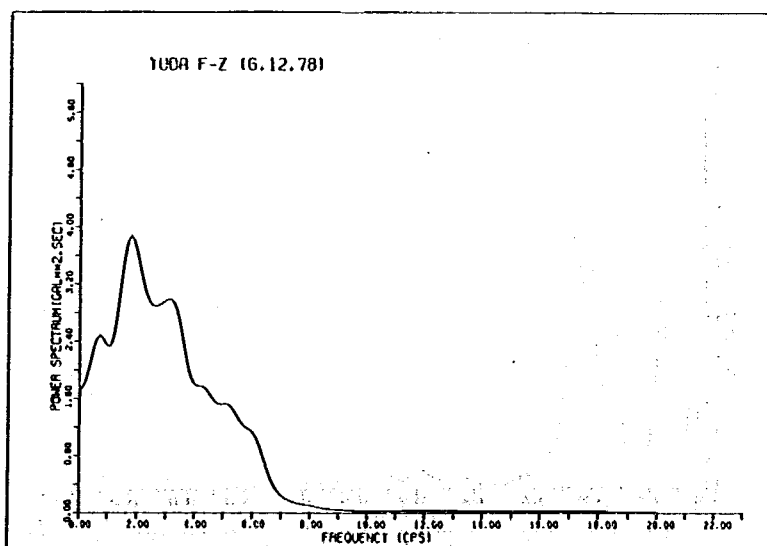
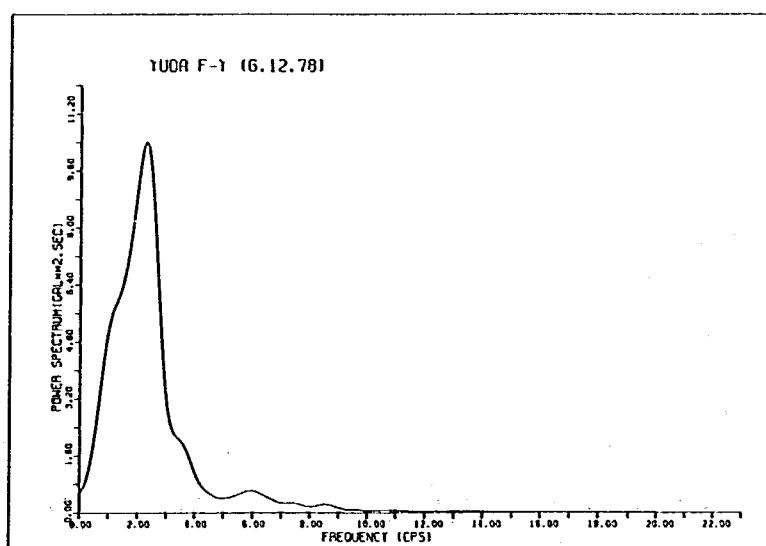
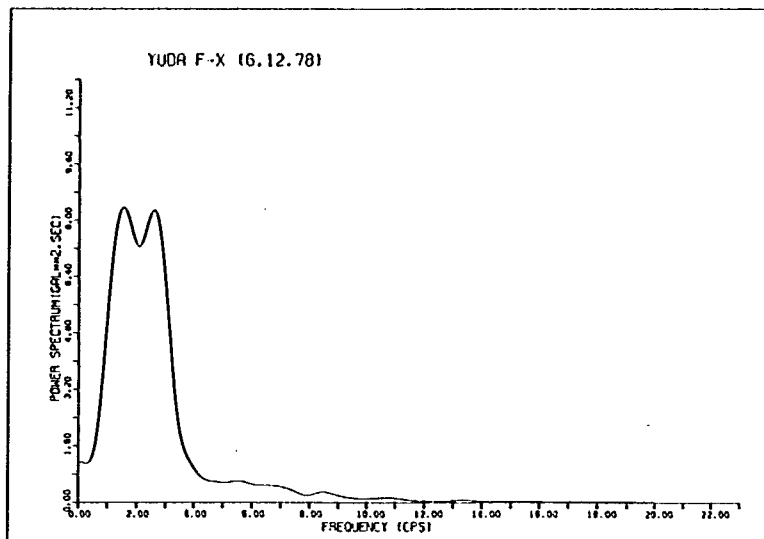
B-10 YUDA 8-2 (X, Y, Z)



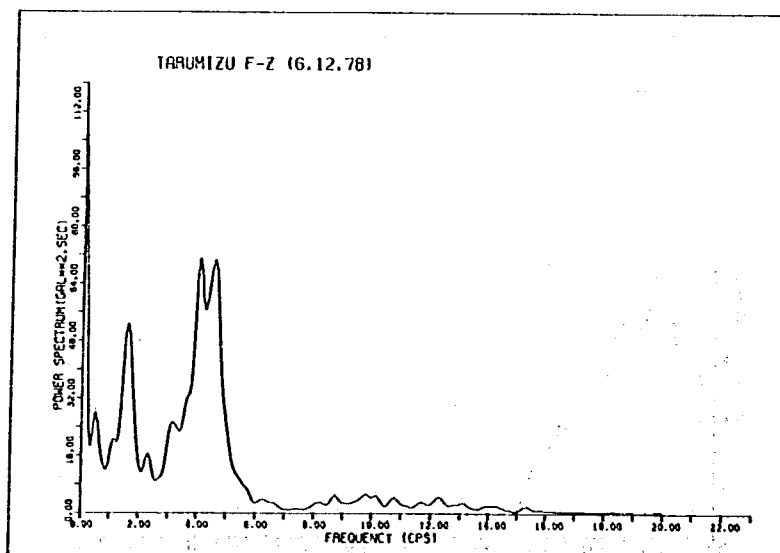
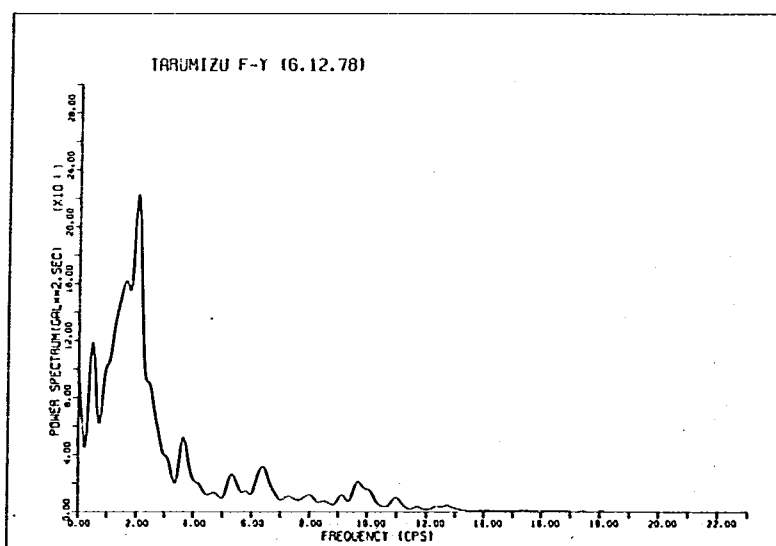
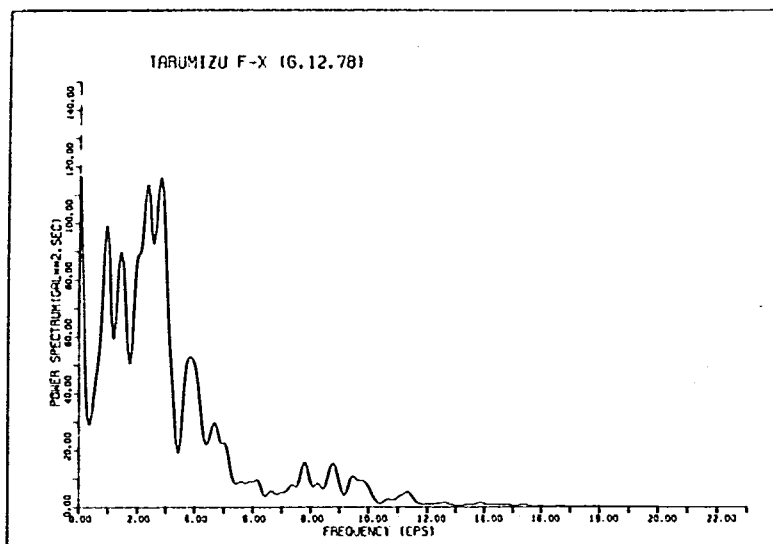
OB-11 TARUMIZU 9 (X, Y, Z)



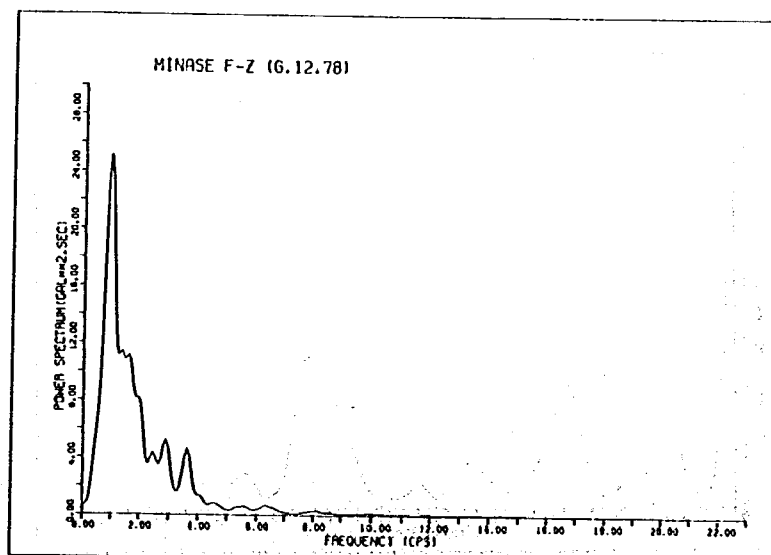
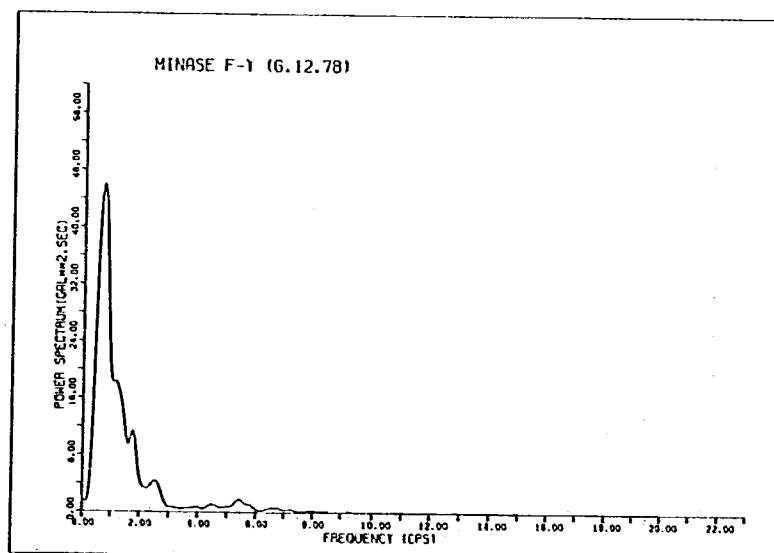
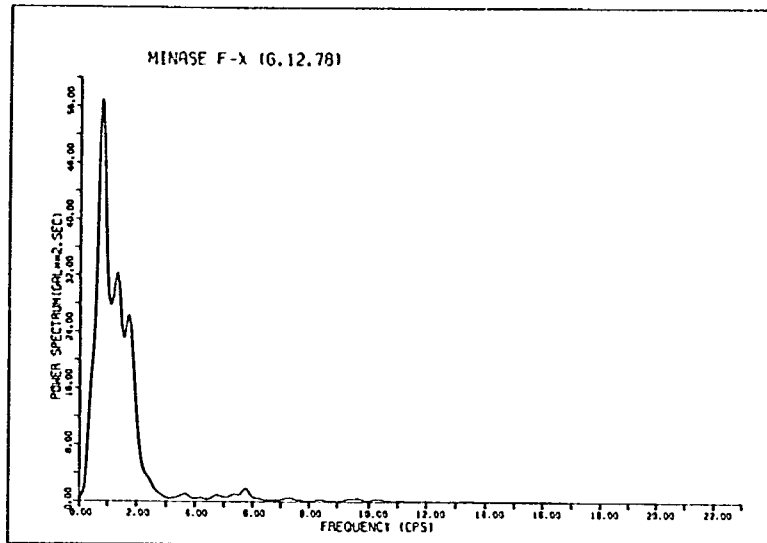
(B-12 NARUKO 10-1 (X, Y, Z)



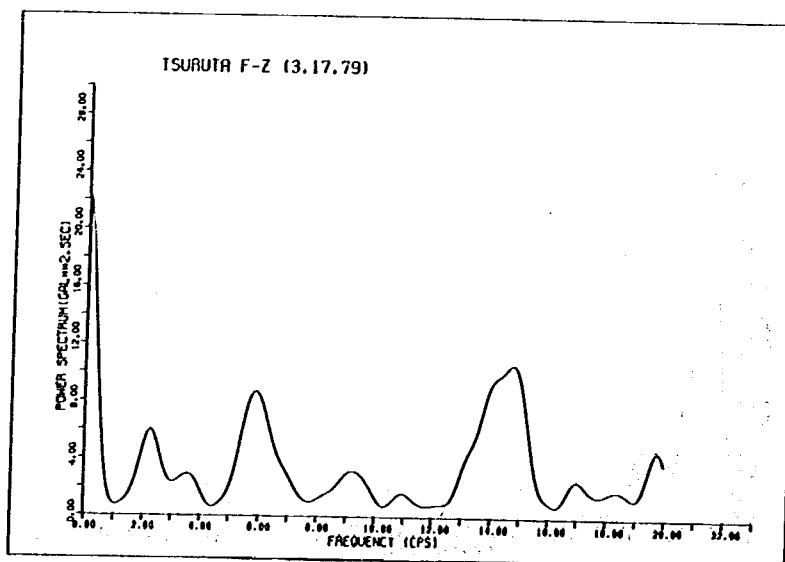
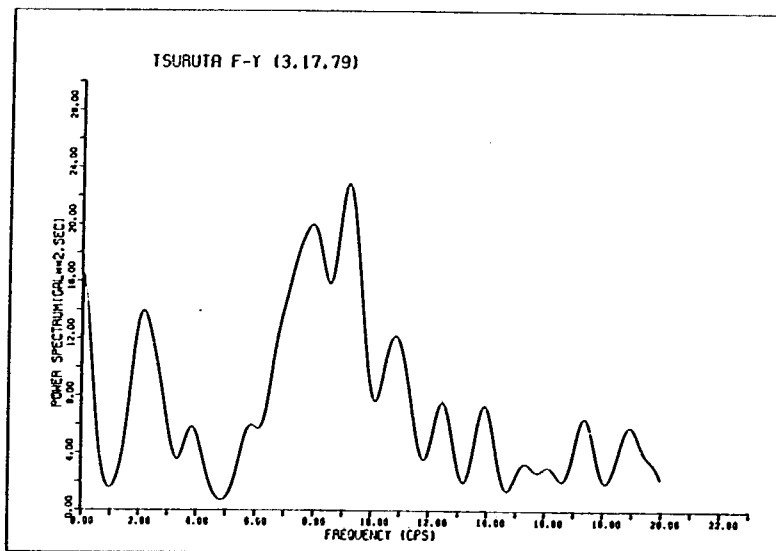
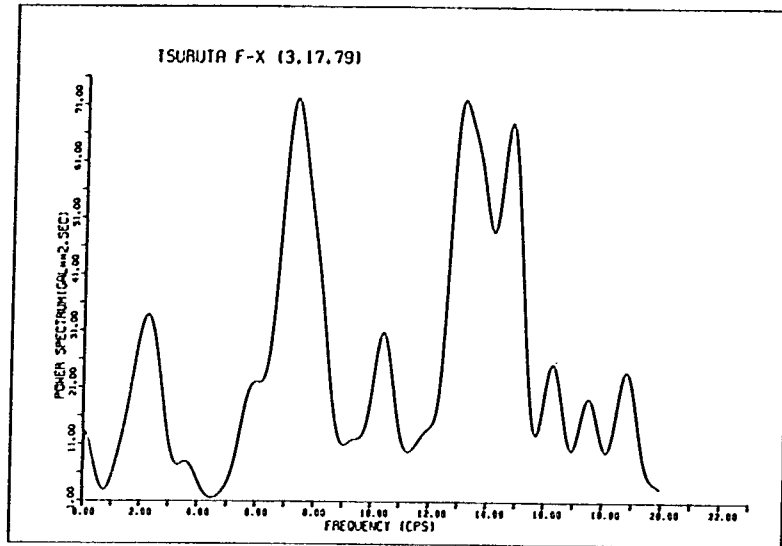
(X, Y, Z) T-OI CONTINUIT ME-U
B-13 YUDA 10-2 (X, Y, Z)



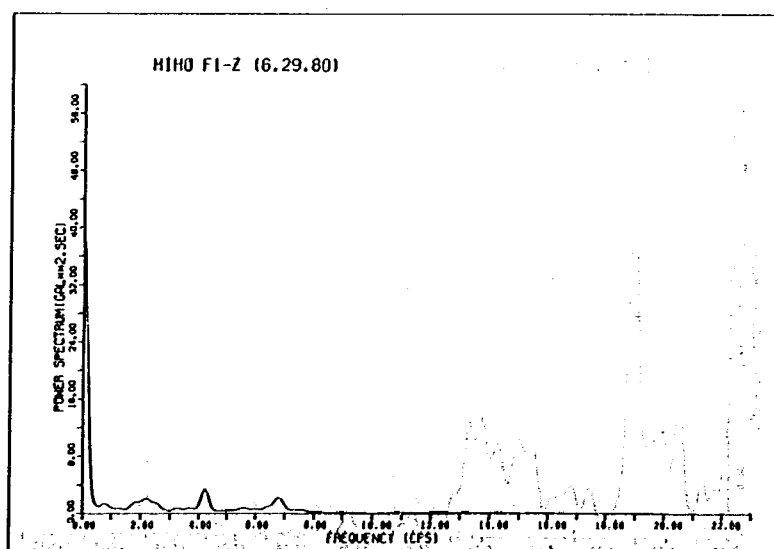
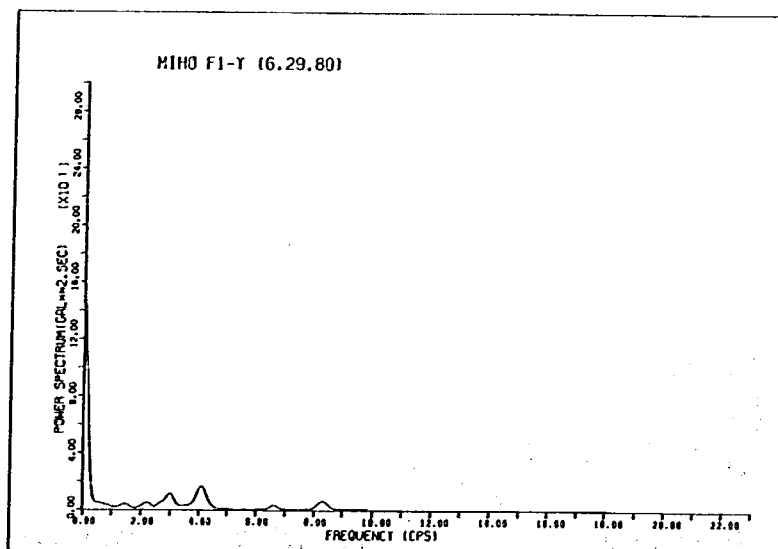
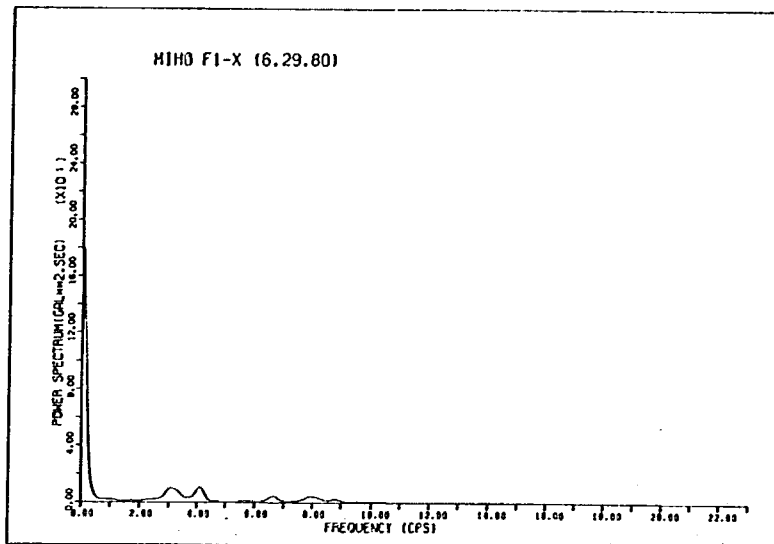
B-14 TARUMIZU 10-3 (X, Y, Z)
(X, Y, Z) 5-01 MUP 81-4



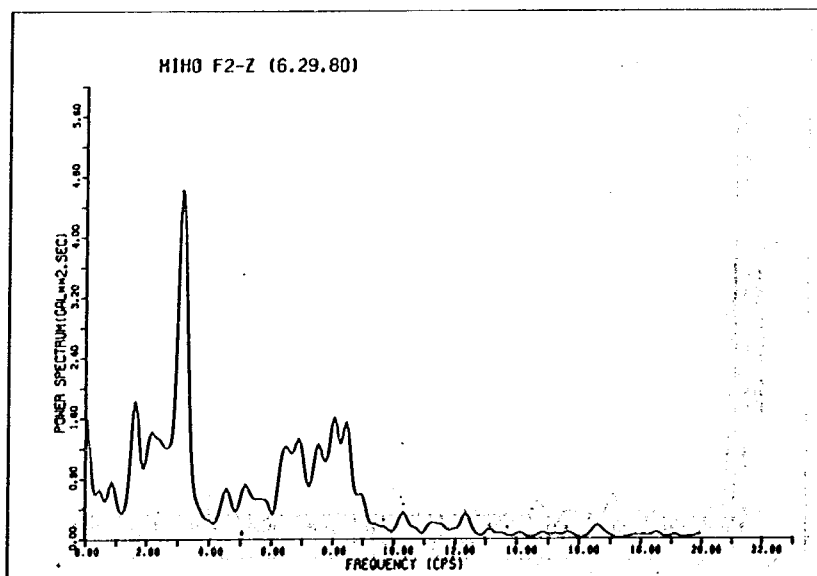
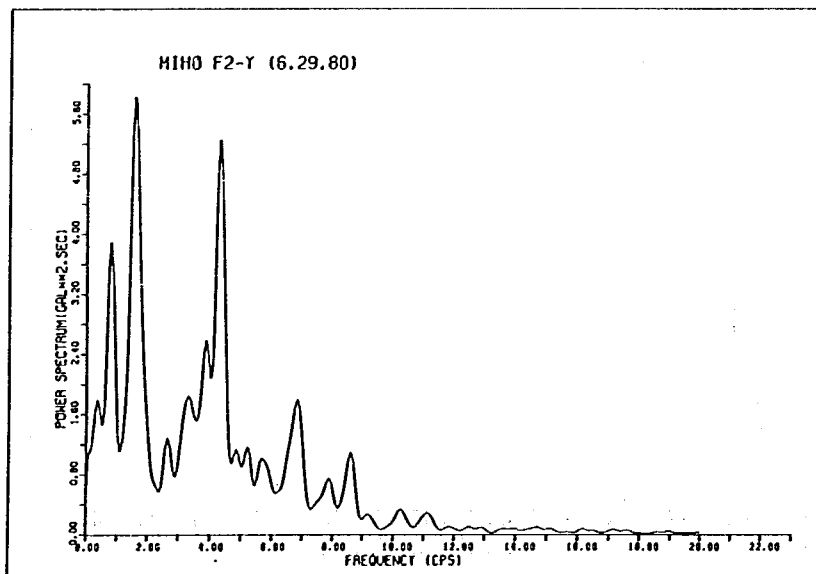
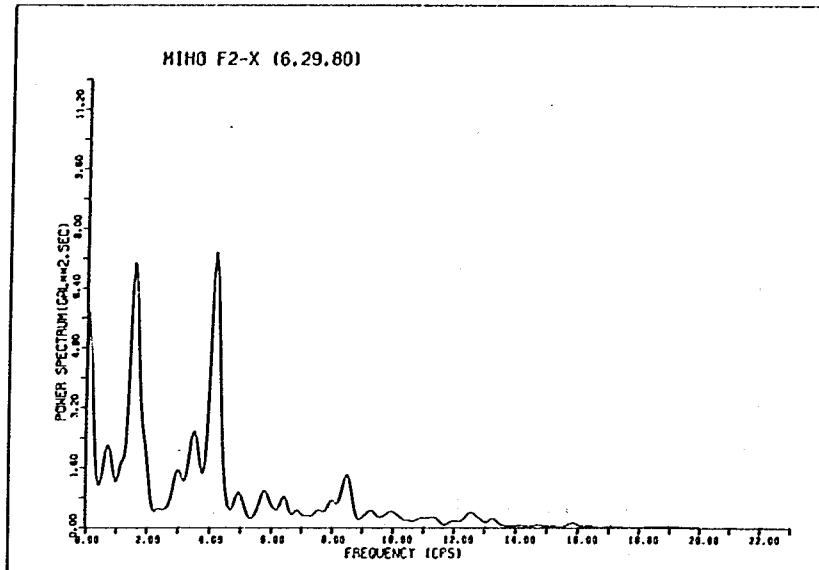
B-15 MINASE 10-4 (X, Y, Z)



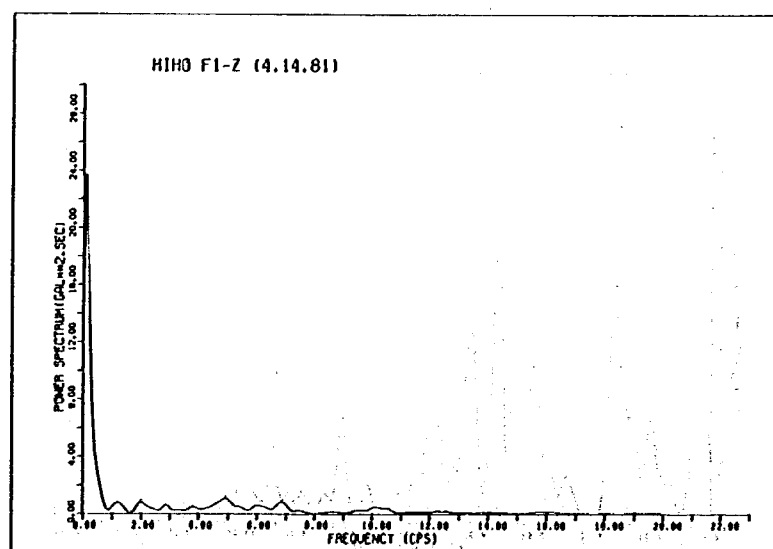
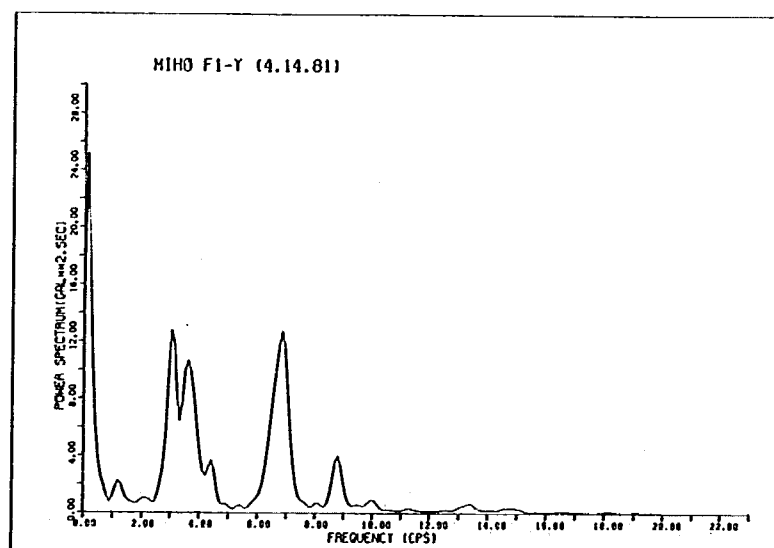
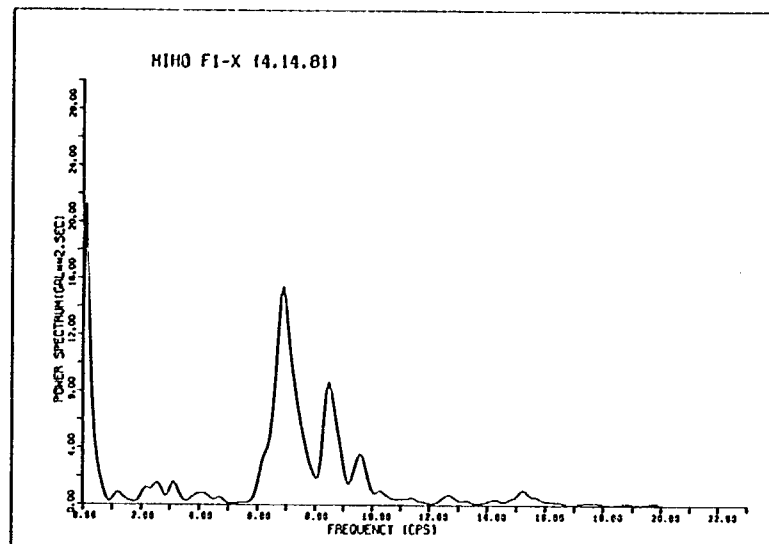
B-16 TSURUTA 011 (X, Y, Z)



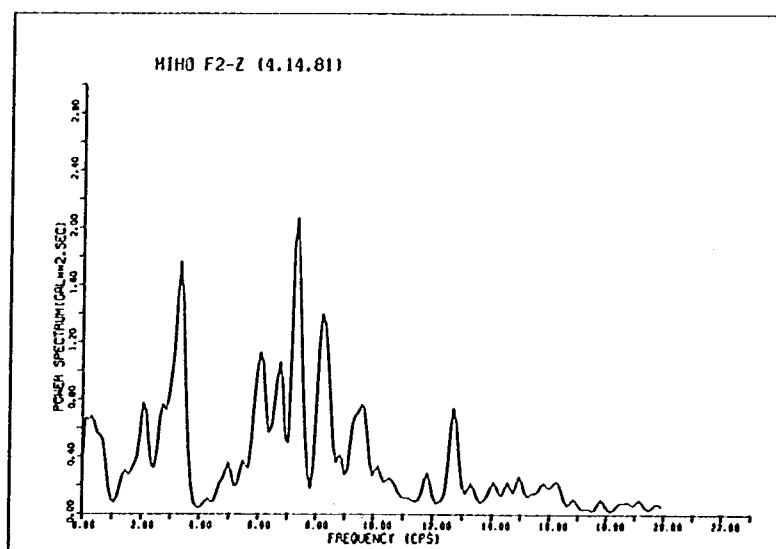
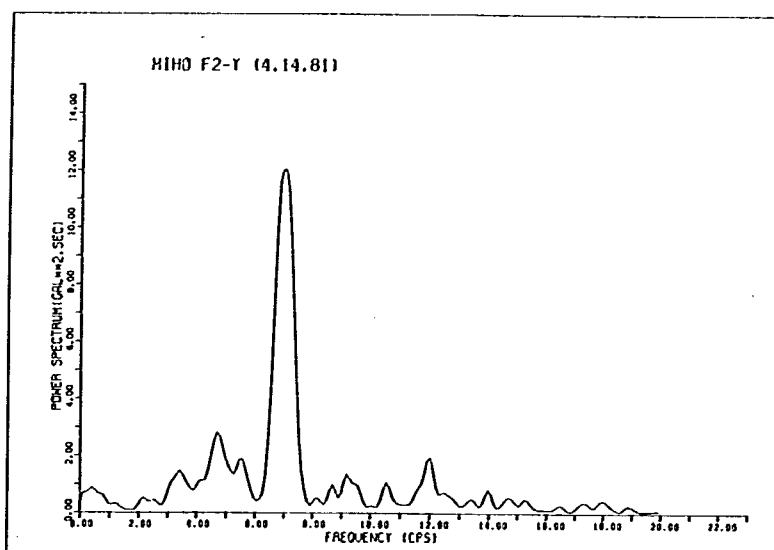
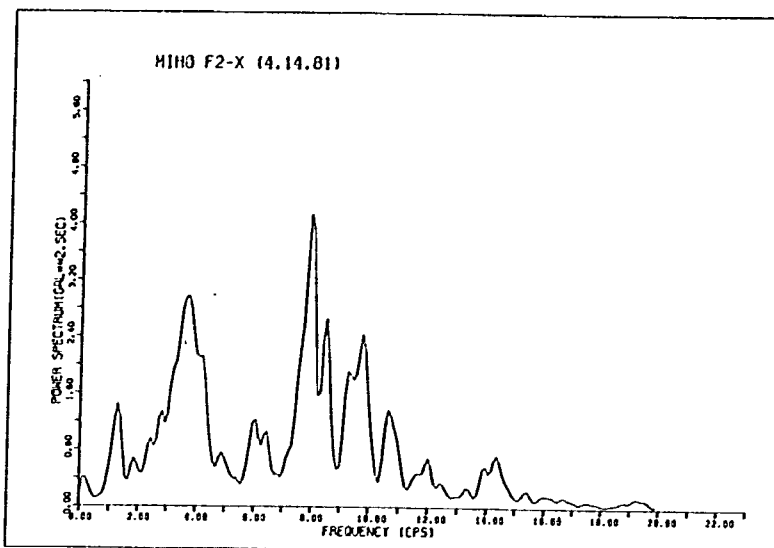
B-17 MIHO 12-1 (X, Y, Z)



B-18 MIHO 12-2 (X, Y, Z)



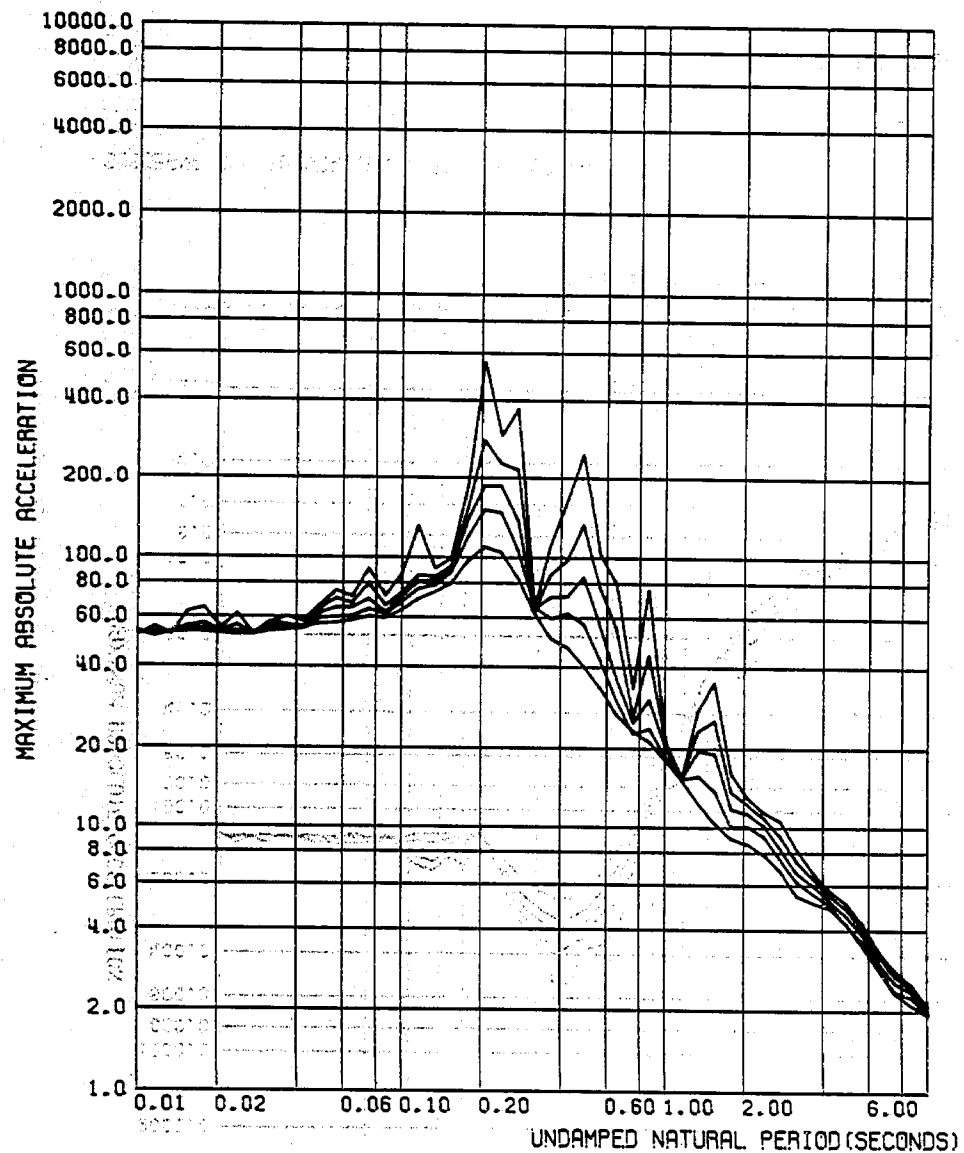
B-19 MIHO 13-1 (X, Y, Z)



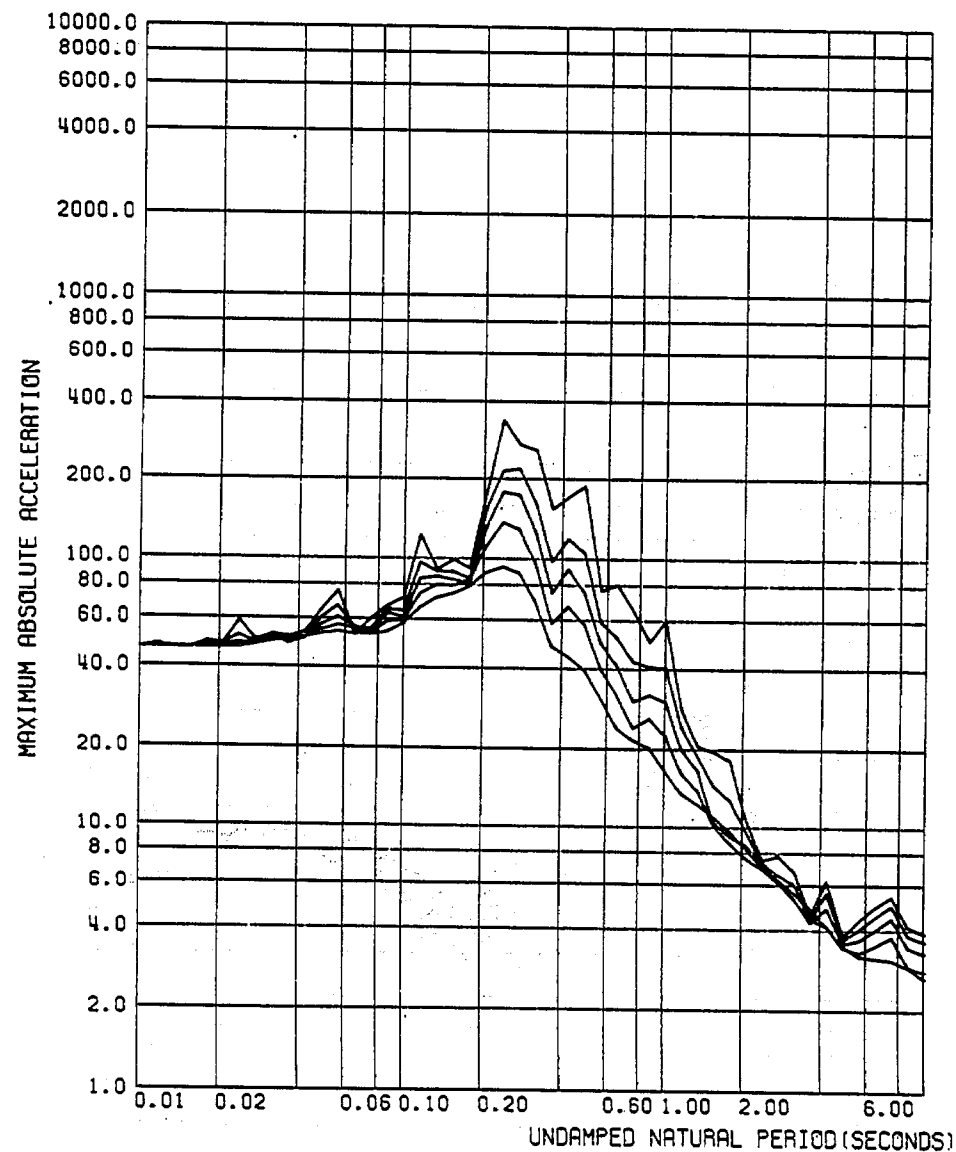
B-20 MIHO 13-2 (X, Y, Z)

C 応答スペクトル

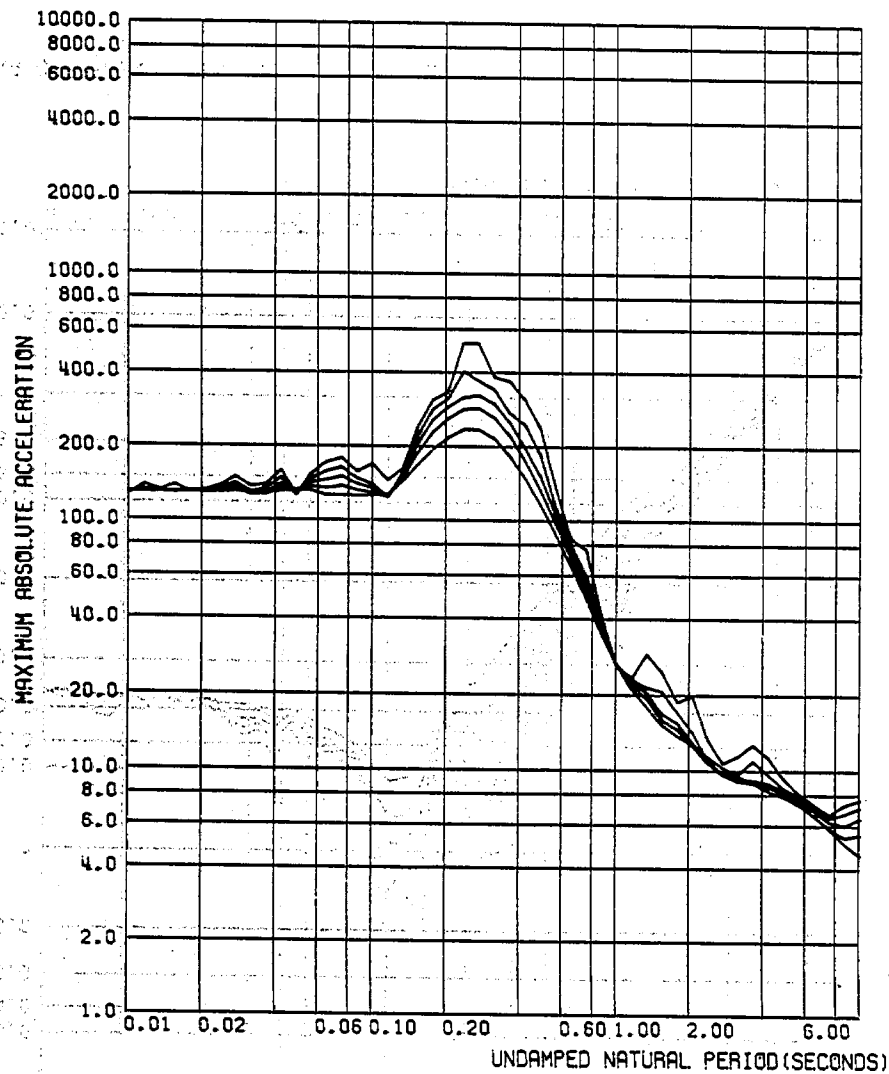
9 1003 224



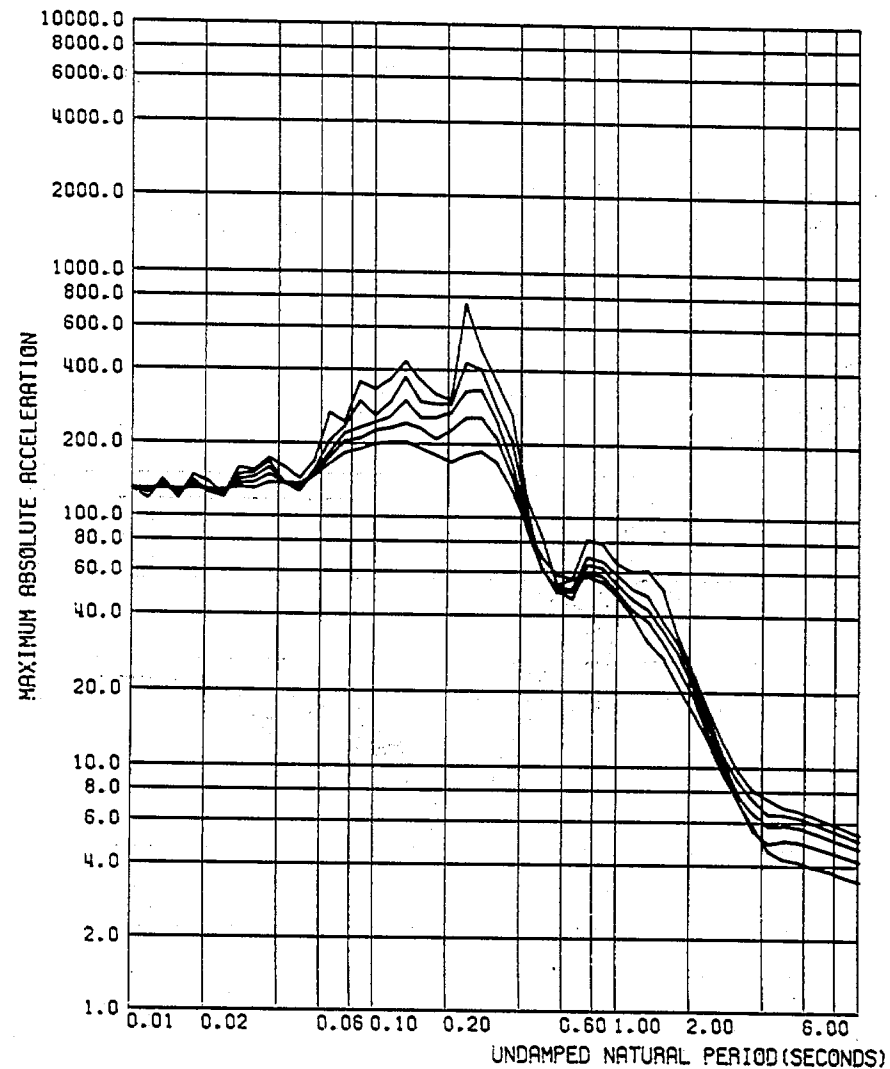
SUSOBANA DAM FOUNDATION (NS) (66.05.28)



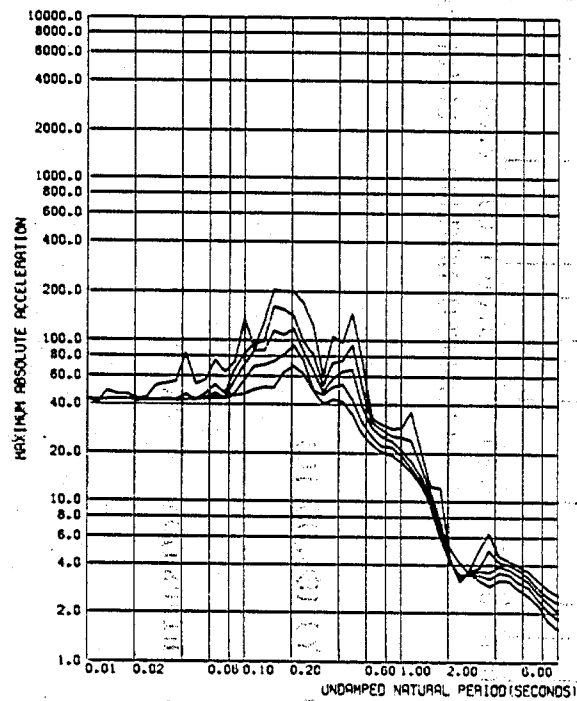
SUSOBANA DAM FOUNDATION (EW) (66.05.28)



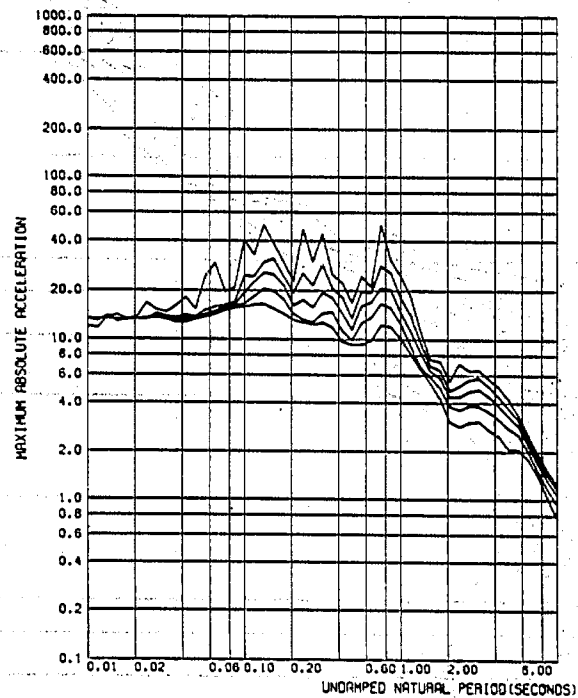
SUSOBANA DAM FOUNDATION (NS) (66.08.20)



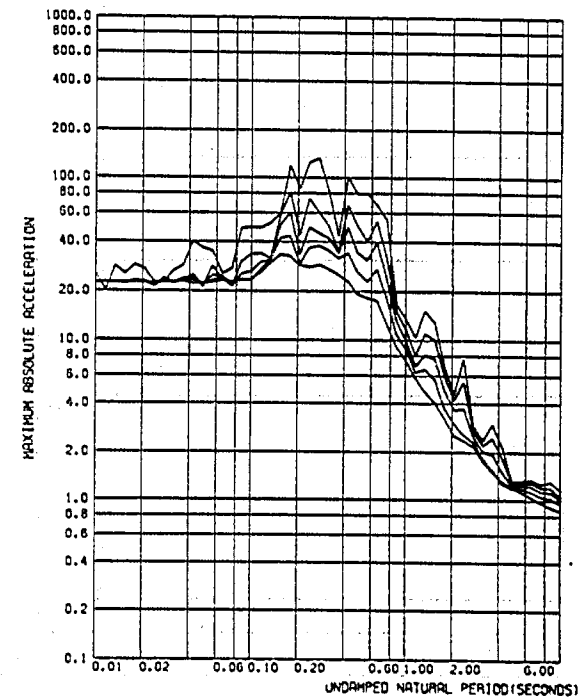
SUSOBANA DAM FOUNDATION (EW) (66.08.20)



SUSOBANA DAM X (1967.12.9)

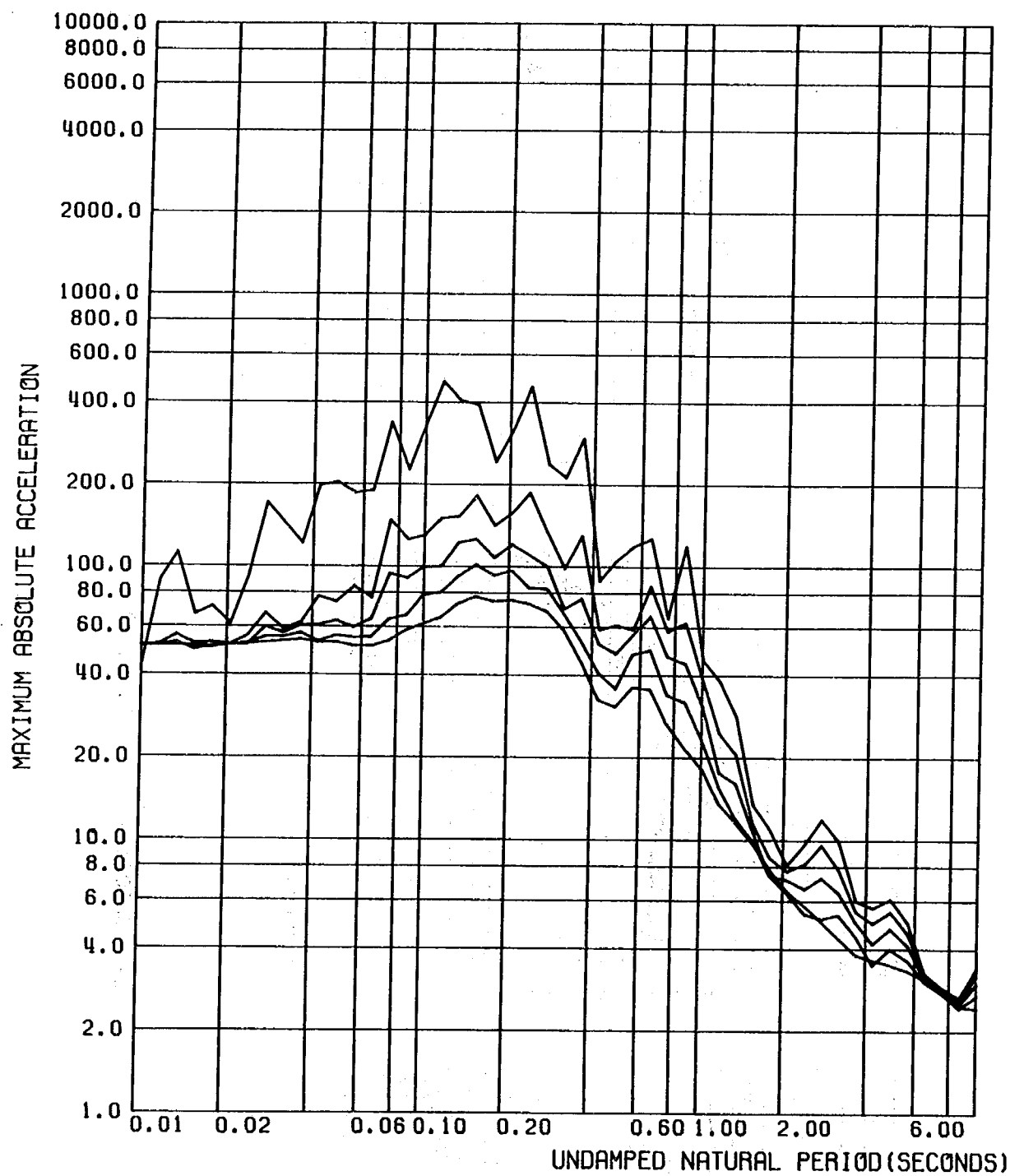


SUSOBANA DAM Y (1967.12.9)



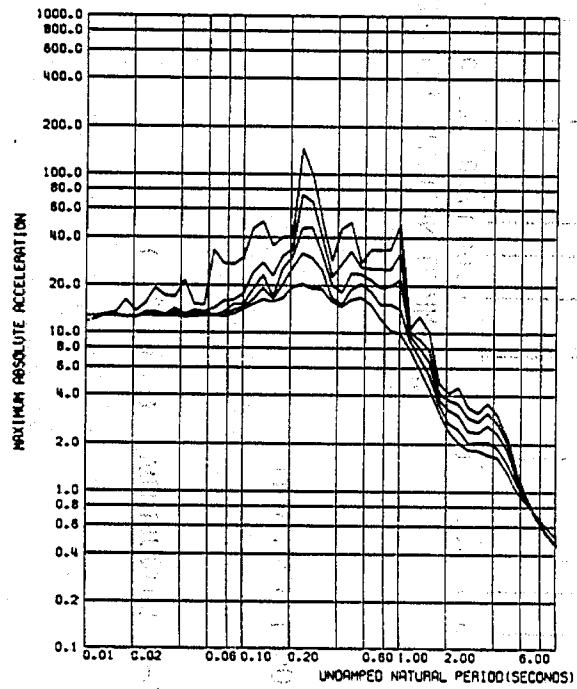
SUSOBANA DAM Z (1967.12.9)

C-3 SUSOBANA 3 (X, Y, Z)

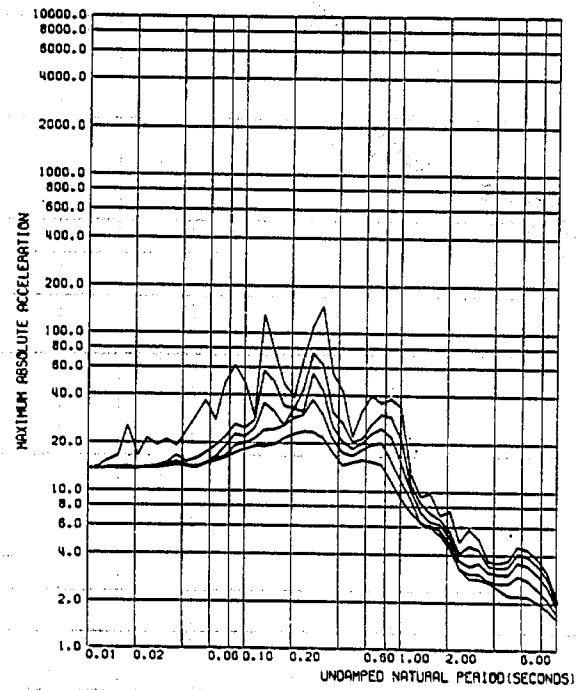


SIJYUSIDA DAM FOUNDATION (Y) (68.05.16)

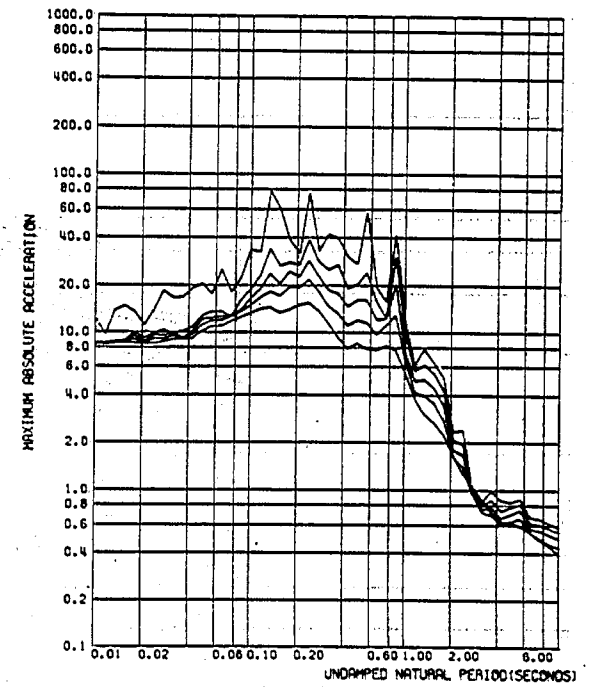
C-4 SHIJUSHIDA 4 (Y)



YOKOYAMA DAM FOUNDATION X (69.09.09)

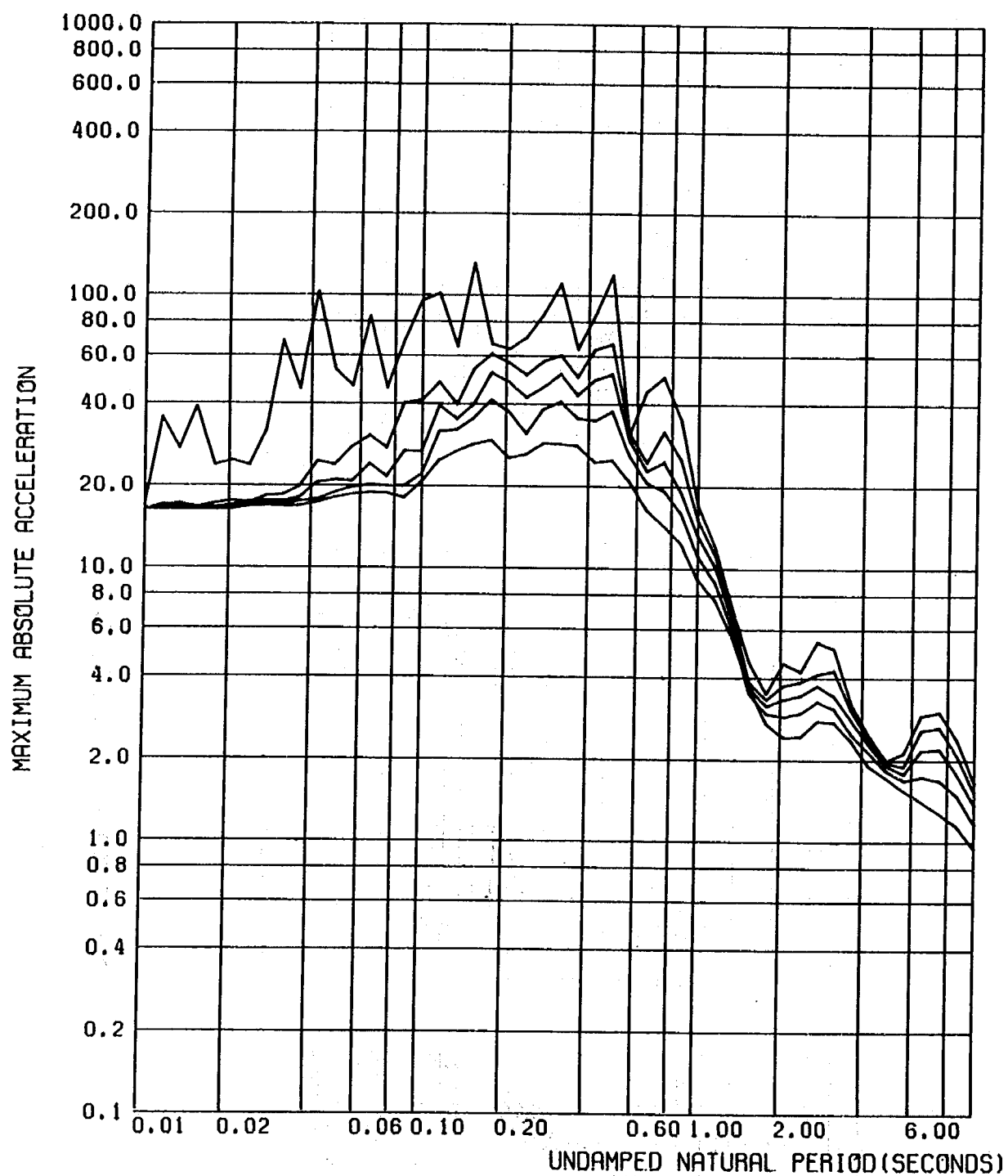


YOKOYAMA DAM FOUNDATION Y (69.09.09)



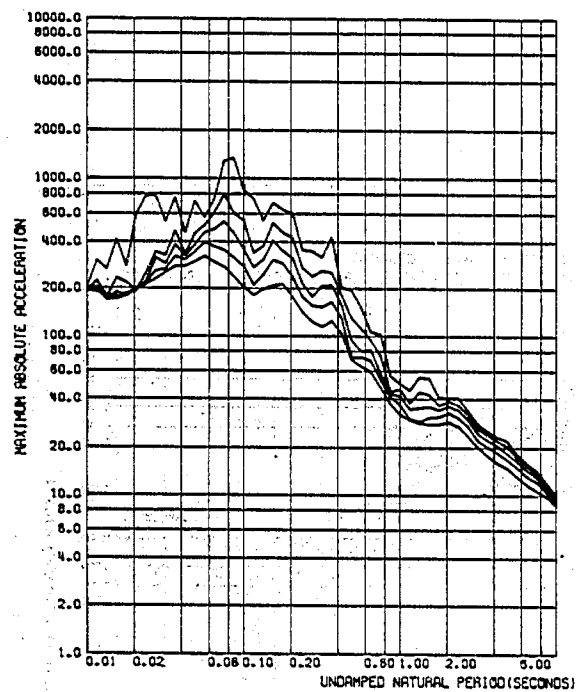
YOKOYAMA DAM FOUNDATION Z (69.09.09)

C-5 YOKOYAMA 5 (X, Y, Z)

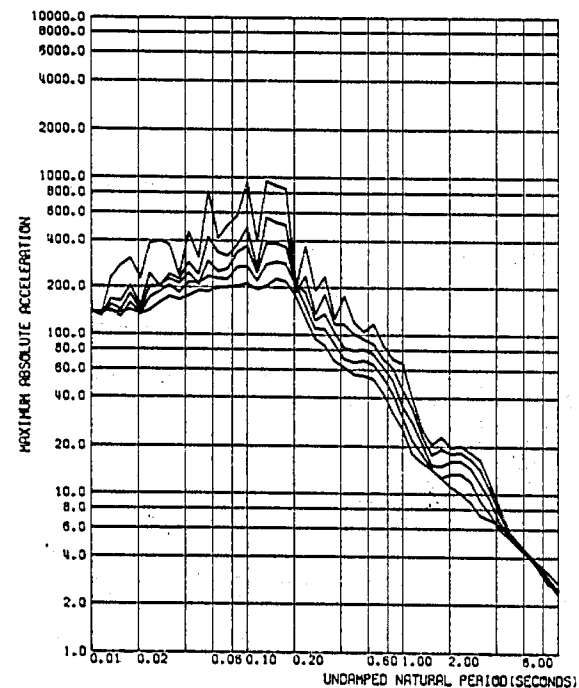


SIJYUSIDA DAM FOUNDATION Y (74.9.4)

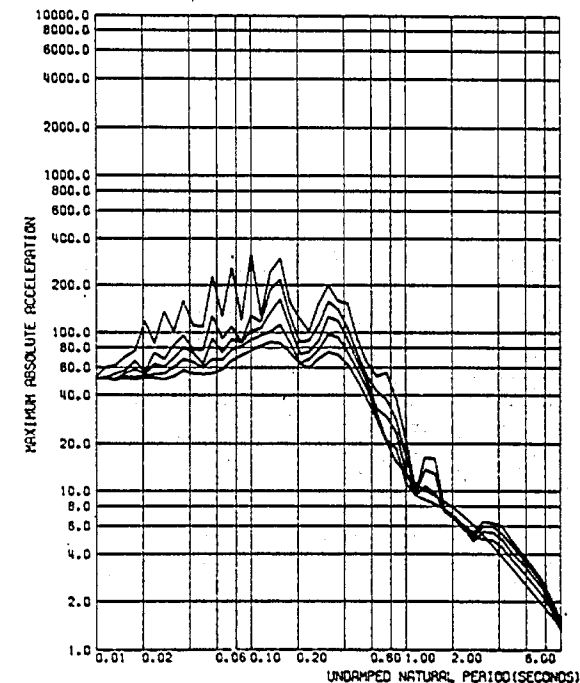
C-6 SHIJUSHIDA 6 (7)



MIHO DAM FOUNDATION (NS) (76.06.16)

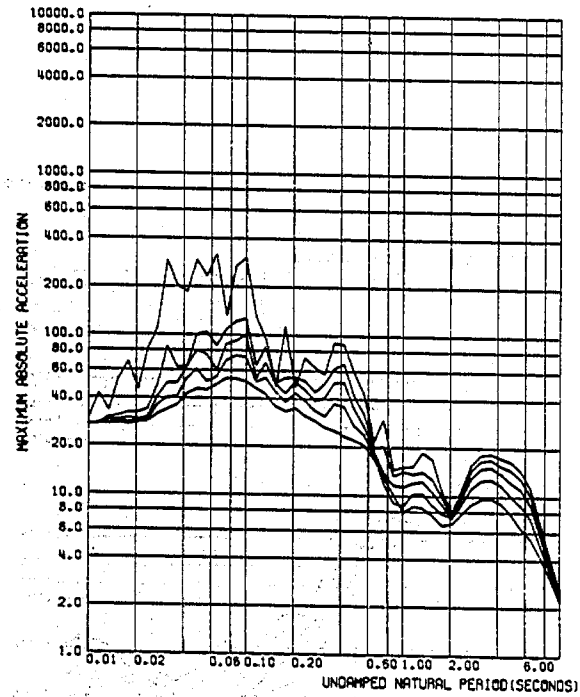


MIHO DAM FOUNDATION (EW) (76.06.16)

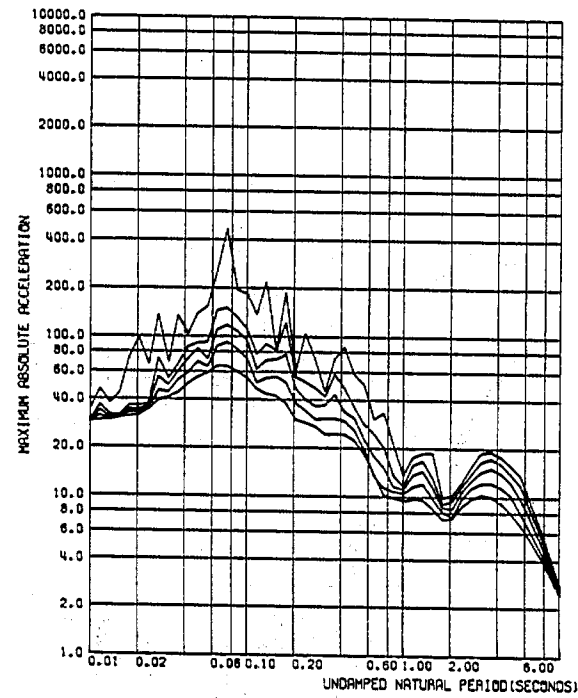


MIHO DAM FOUNDATION (V) (76.06.16)

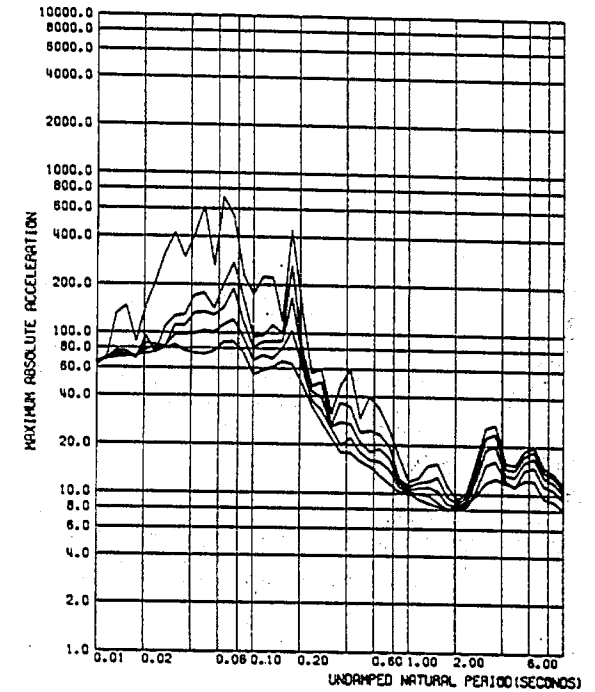
C-7 MIHO 7-1 (NS, EW, Z)



HIROSE DAM FOUNDATION X(TUNNEL) (76.06.16)

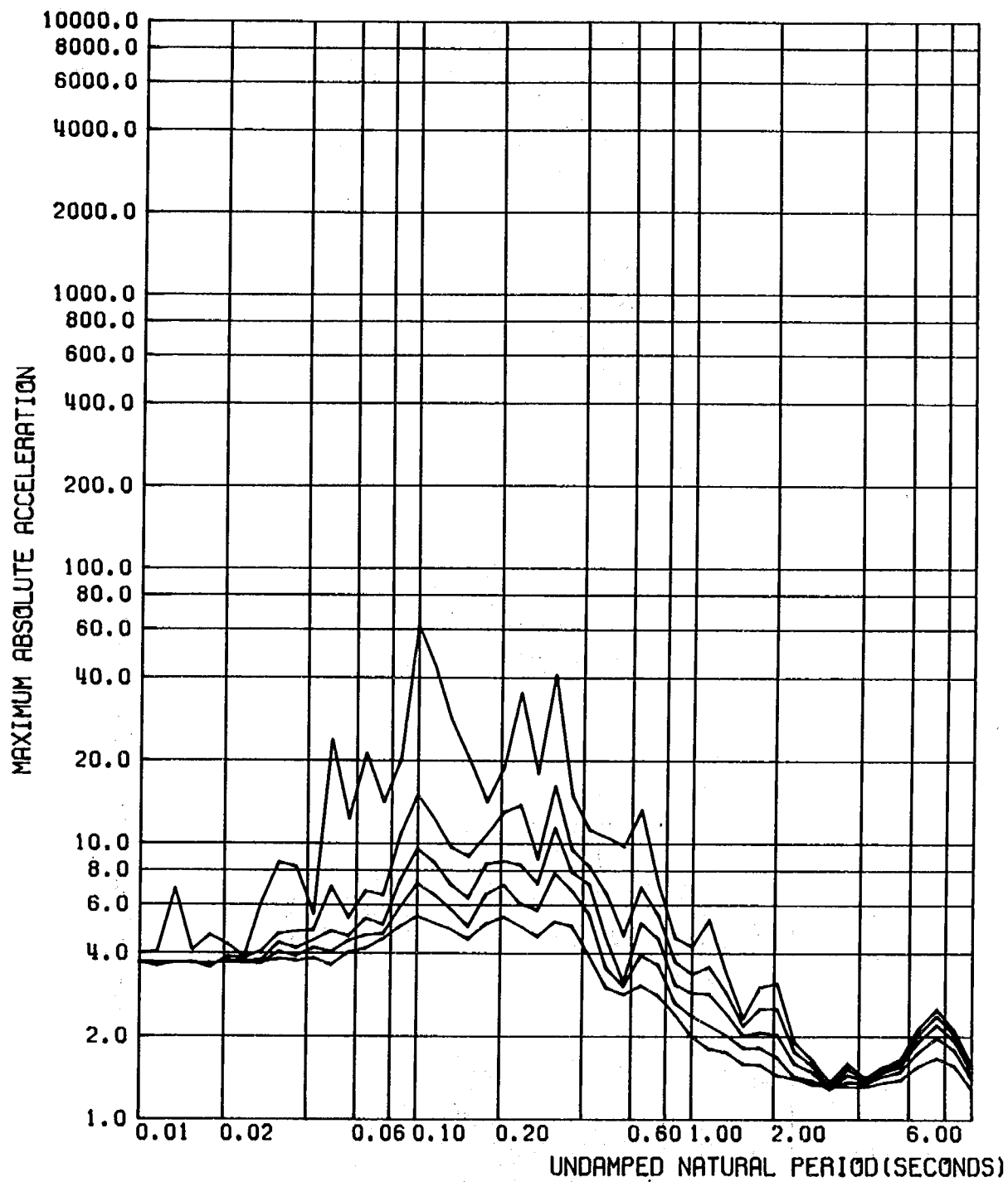


HIROSE DAM FOUNDATION Y(TUNNEL) (76.06.16)



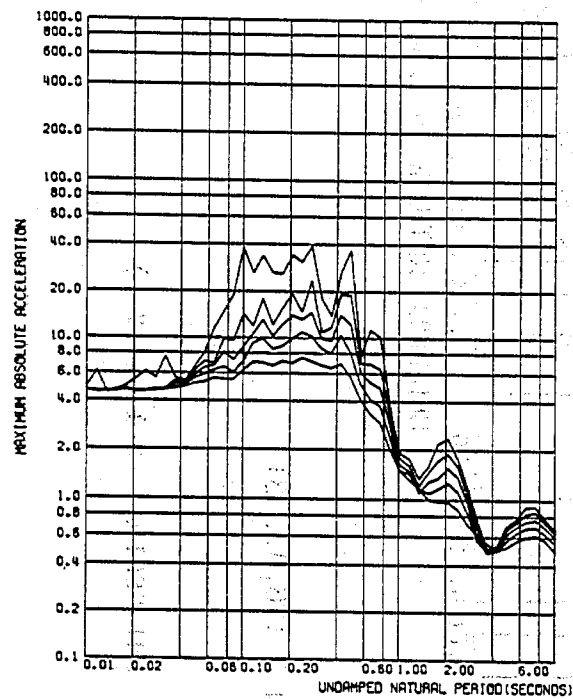
HIROSE DAM FOUNDATION Y(OFFICE) (76.06.16)

C-8 HIROSE 7-2 (X_T , Y_T , Y_O)

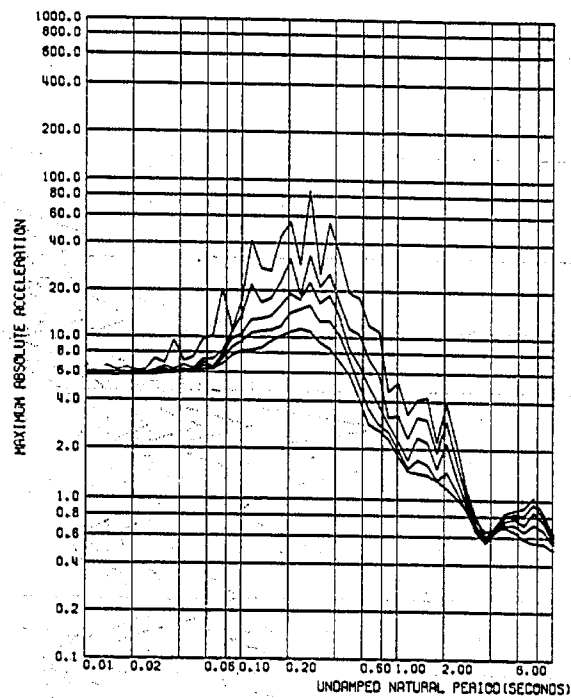


SIJYUSIDA DAM FOUNDATION Y (76.07.08)

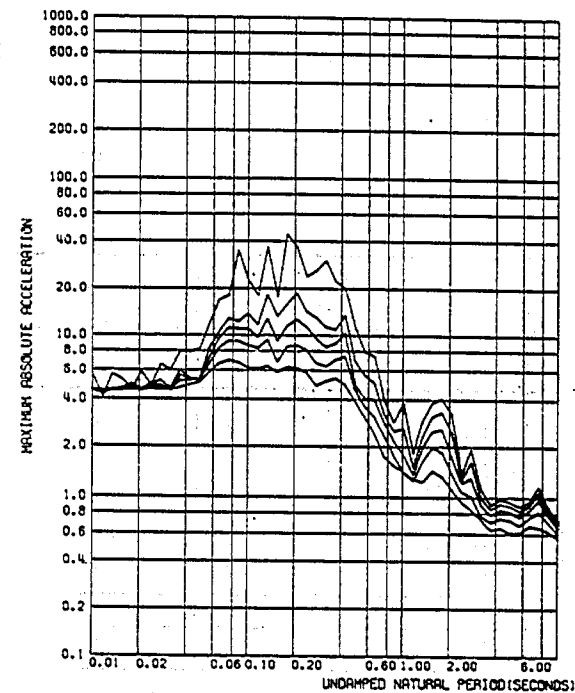
C-9 SHIJUSHIDA 8-1 (Y)



YUDR DAM FOUNDATION X (76.07.08)

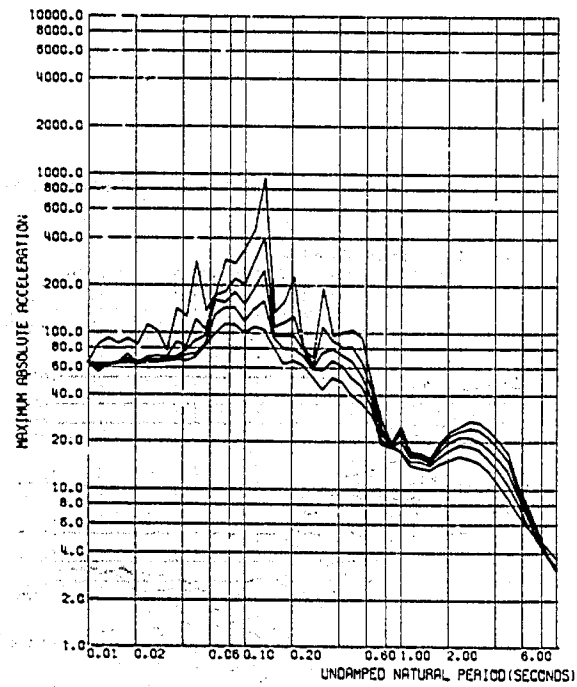


YUDR DAM FOUNDATION Y (76.07.08)

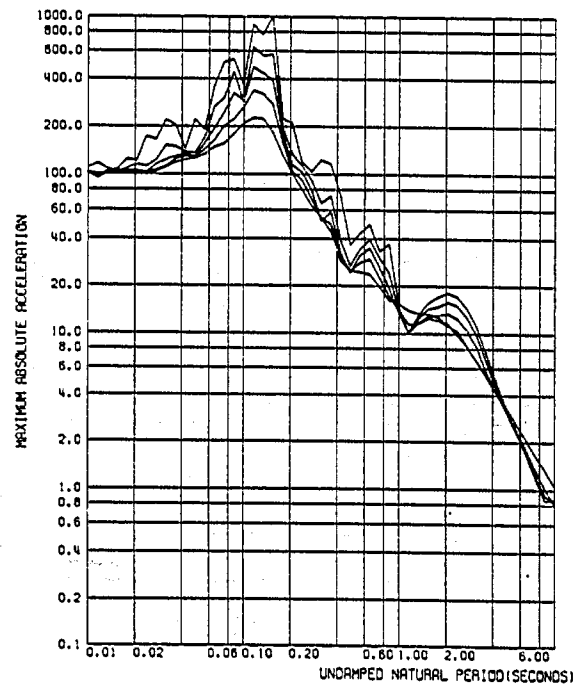


YUDR DAM FOUNDATION Z (76.07.08)

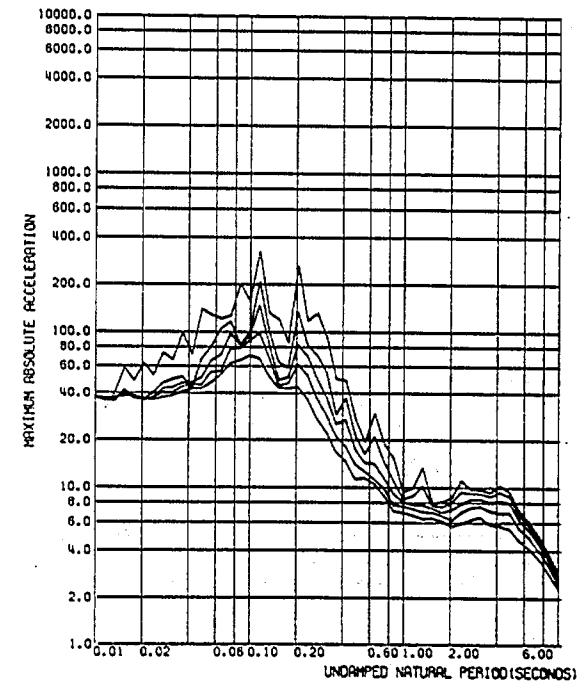
C-10 YUDA 8-2 (X, Y, Z)



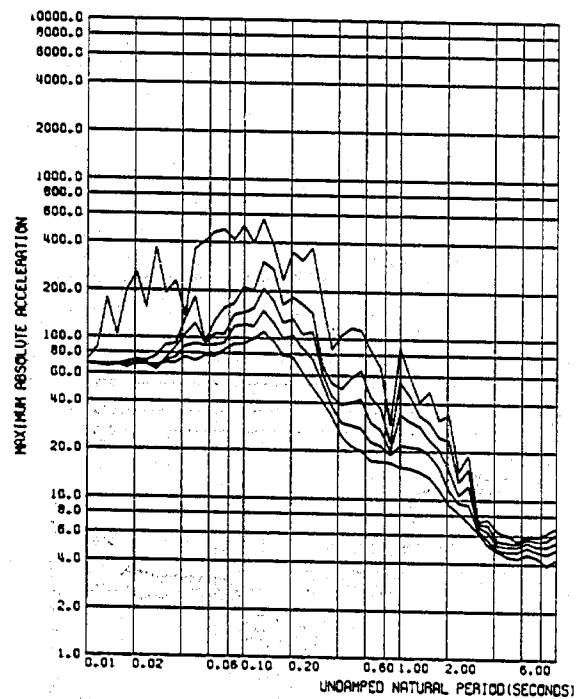
TARUMIZU DAM FOUNDATION X (78.02.20)



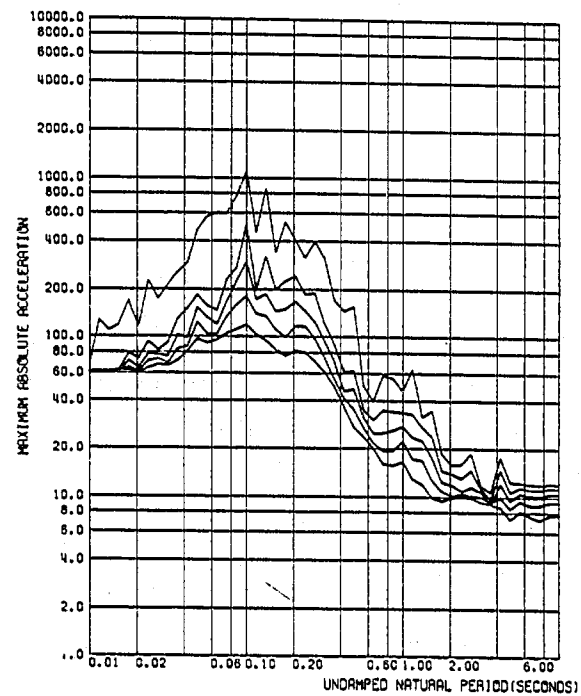
TARUMIZU DAM FOUNDATION Y (78.02.20)



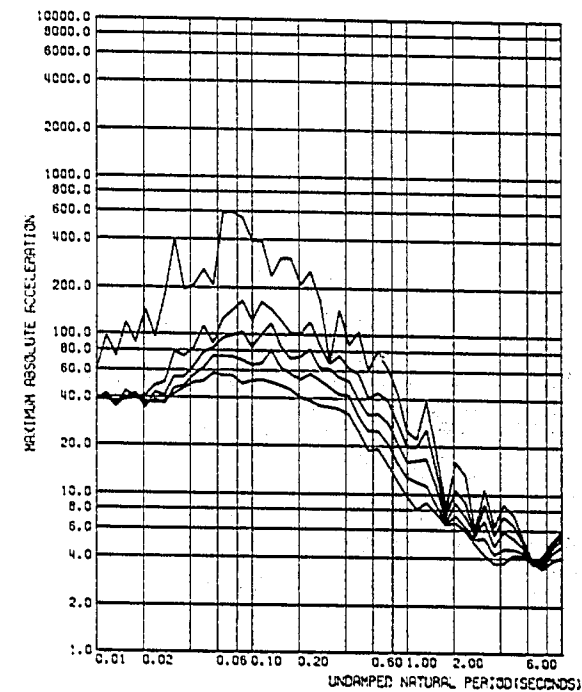
TARUMIZU DAM FOUNDATION Z (78.02.20)



NARUKO DAM FOUNDATION X (1978.05.12)

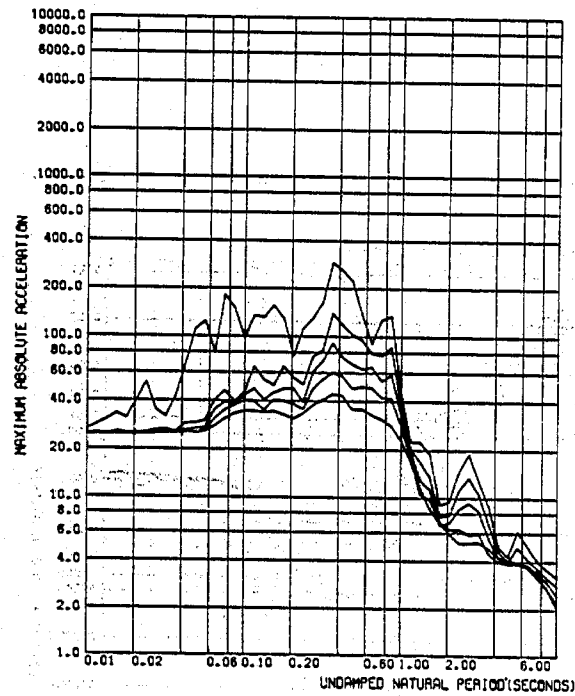


NARUKO DAM FOUNDATION Y (1978.06.12)

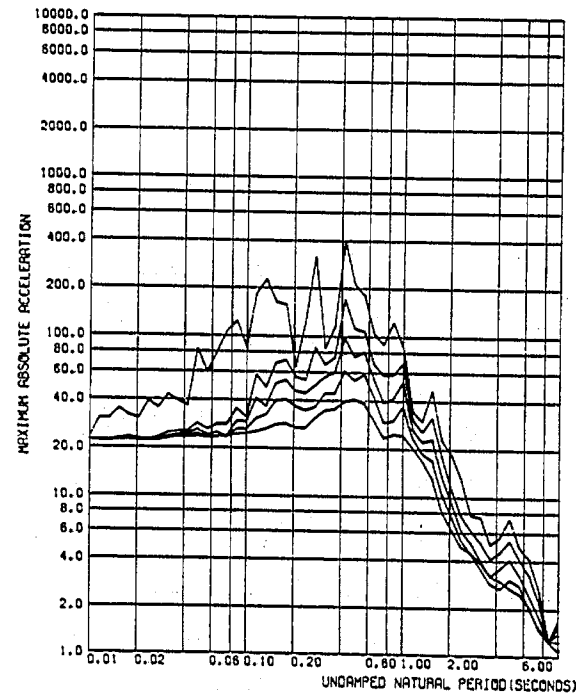


NARUKO DAM FOUNDATION Z (1978.05.12)

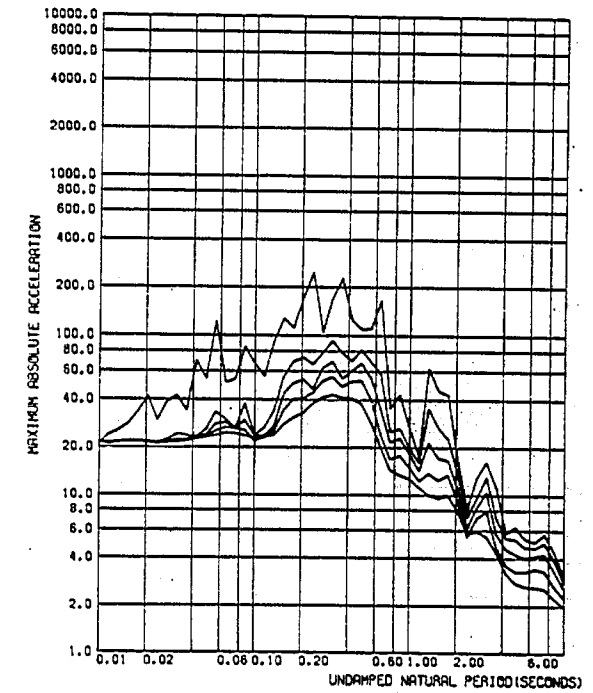
C-12 NARUKO 10-1 (X, Y, Z)



YUDA DAM FOUNDATION X (1978.06.12)

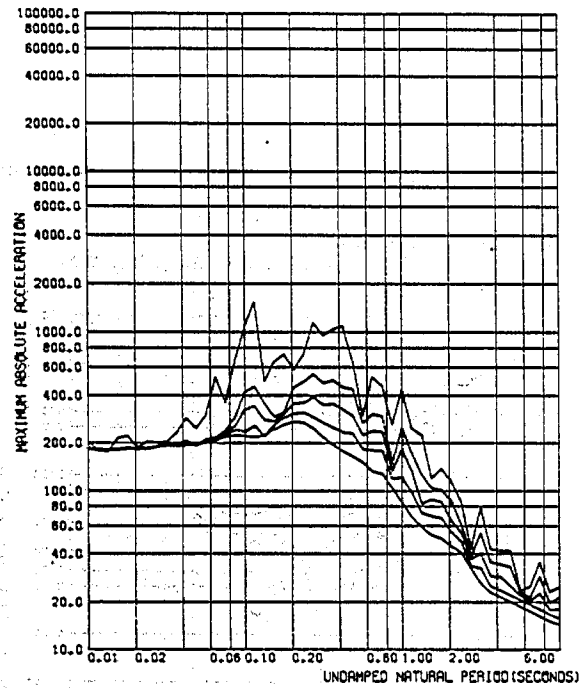


YUDA DAM FOUNDATION Y (1978.06.12)

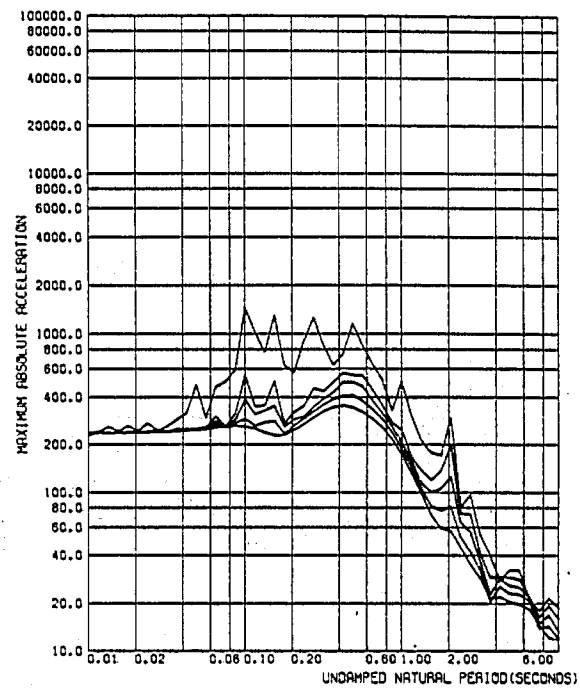


YUDA DAM FOUNDATION Z (1978.06.12)

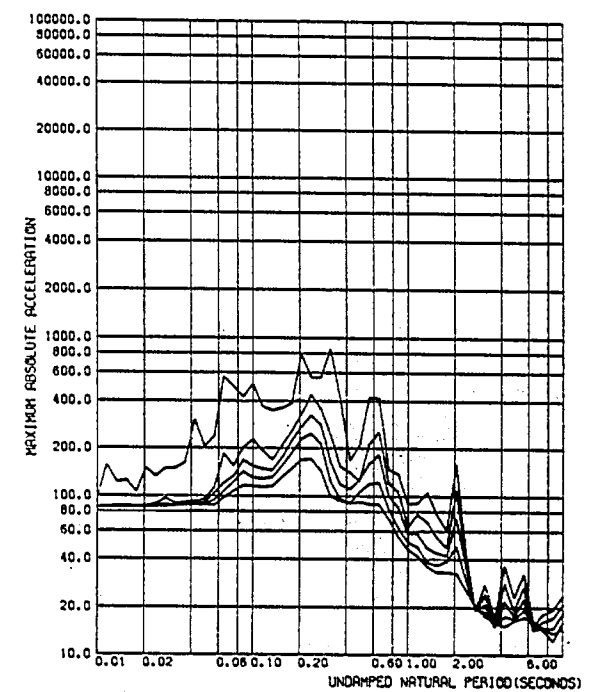
C-13 YUDA 10-2 (X, Y, Z)



TARUMIZU DAM FOUNDATION X (1978.06.12)

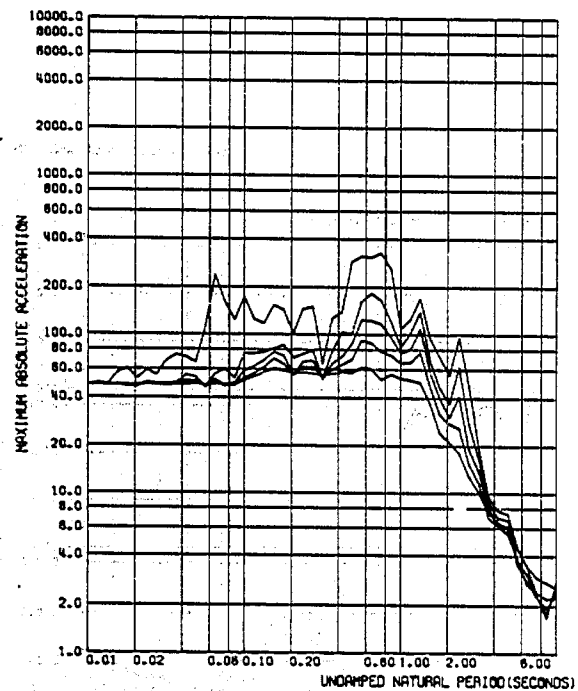


TARUMIZU DAM FOUNDATION Y (1978.06.12)

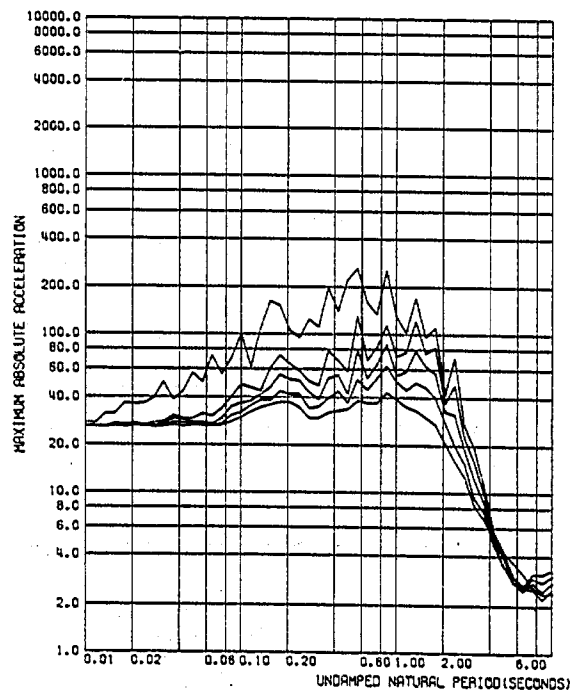


TARUMIZU DAM FOUNDATION Z (1978.06.12)

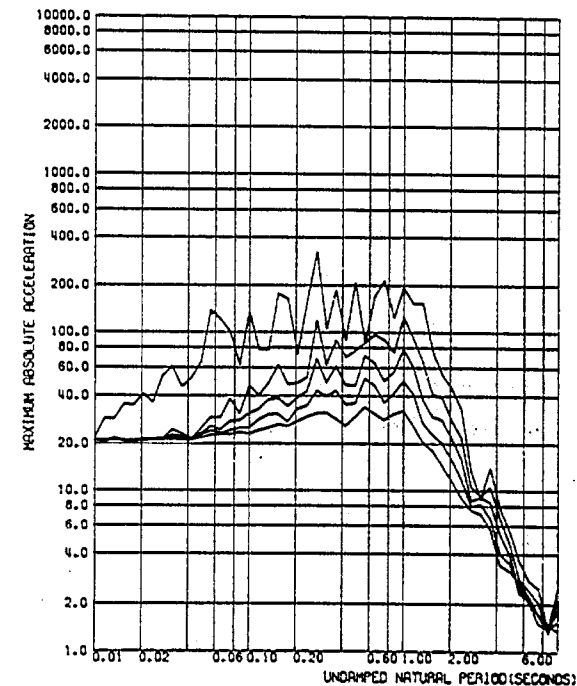
C-14 TARUMIZU 10-3 (X, Y, Z)



MINASE DAM FOUNDATION Z (78.06.12)

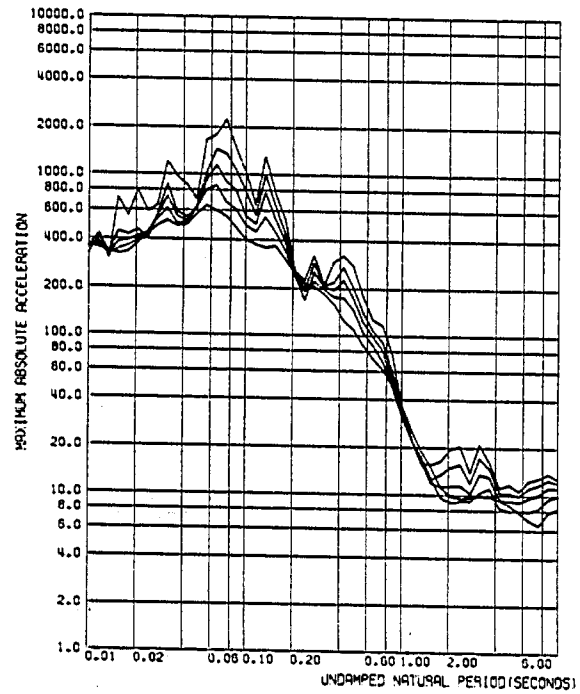


MINASE DAM FOUNDATION Y (78.06.12)

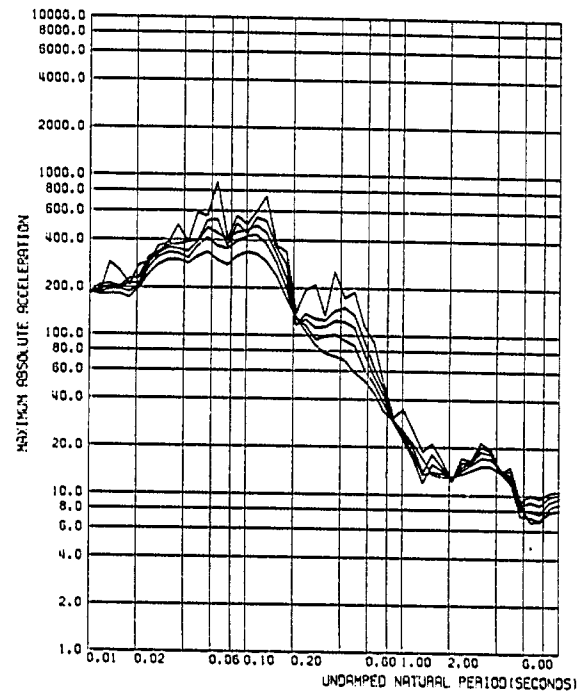


MINASE DAM FOUNDATION X (78.06.12)

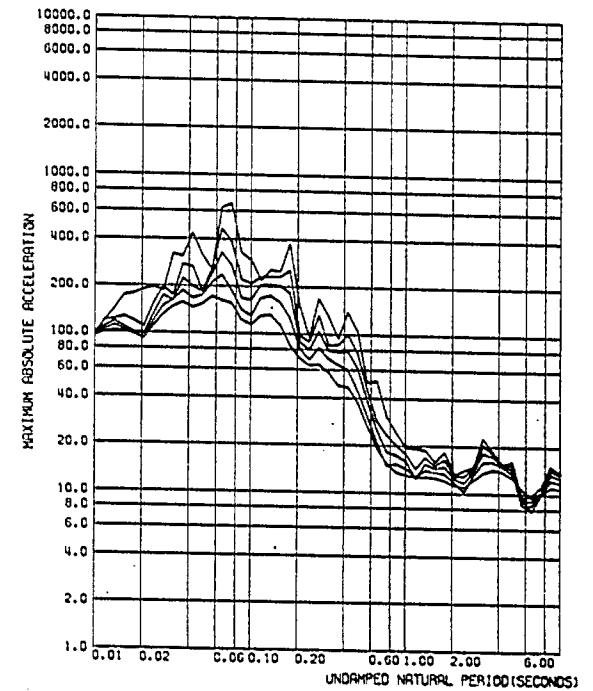
C-15 MINASE 10-4 (X, Y, Z)



TSURUTA DAM FOUNDATION A (1979.3.17)



TSURUTA DAM FOUNDATION B (1979.3.17)

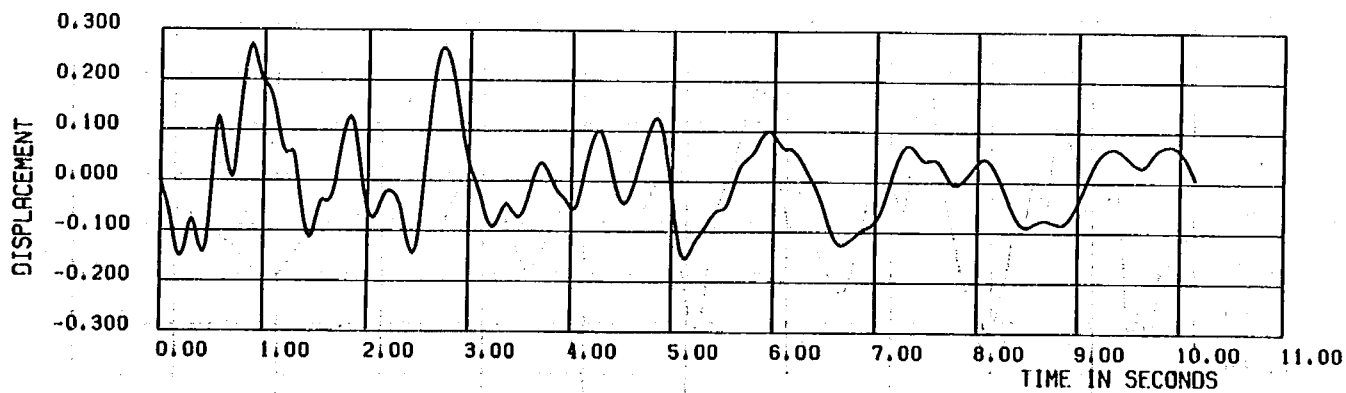
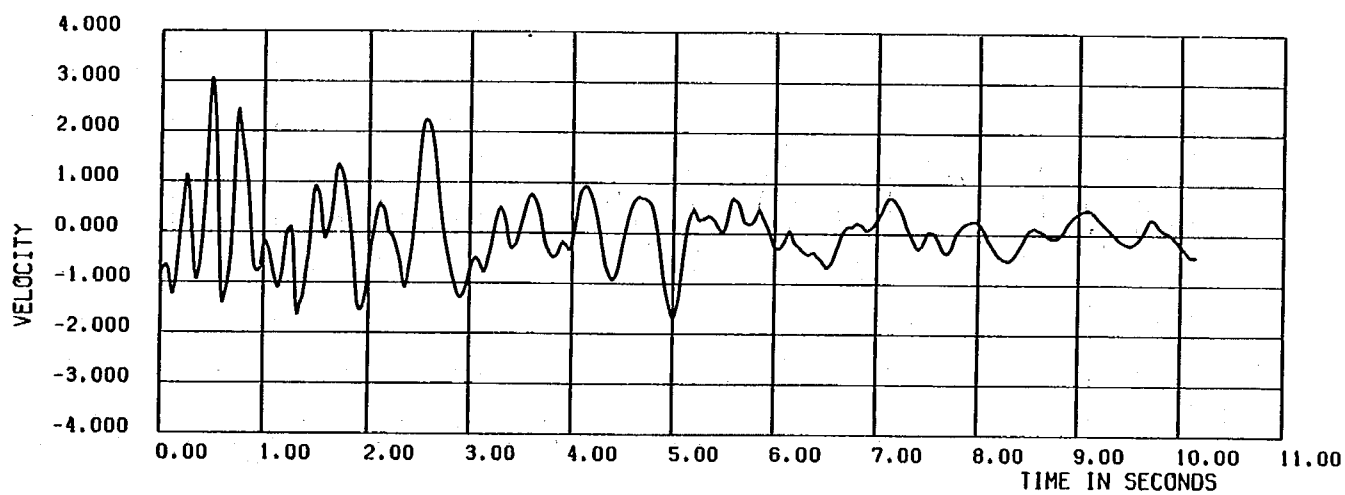
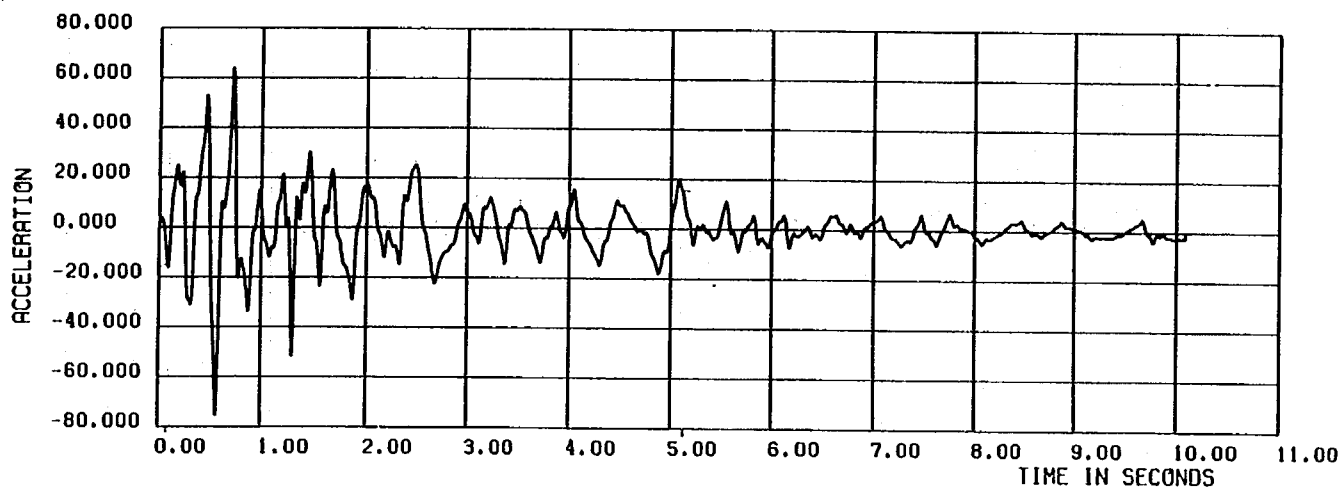


TSURUTA DAM FOUNDATION UD (1979.3.17)

C-16 TSURUTA 11 (X, Y, Z)

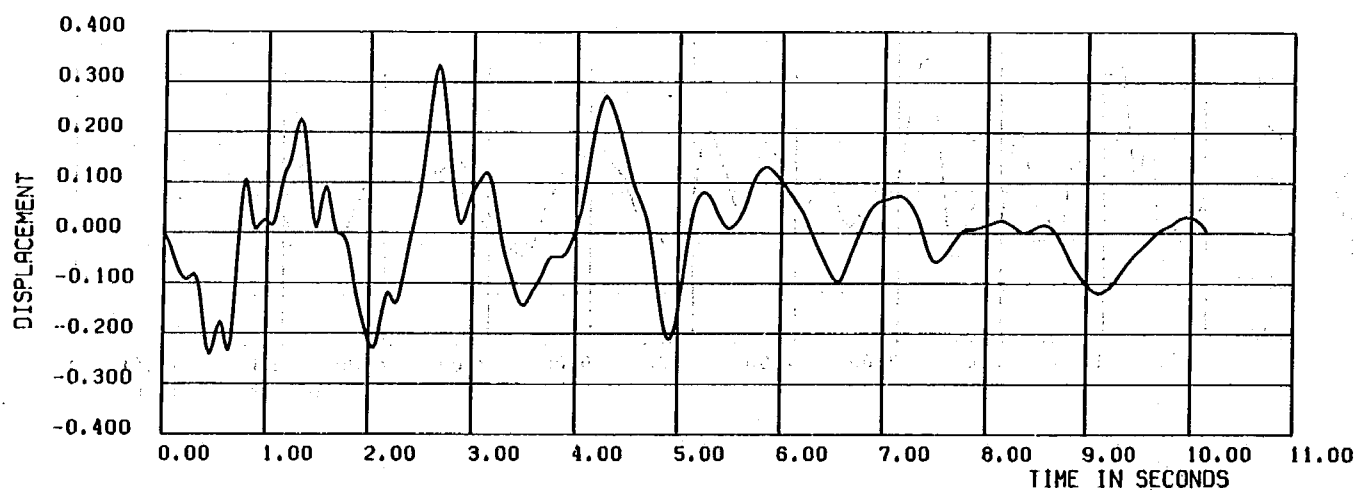
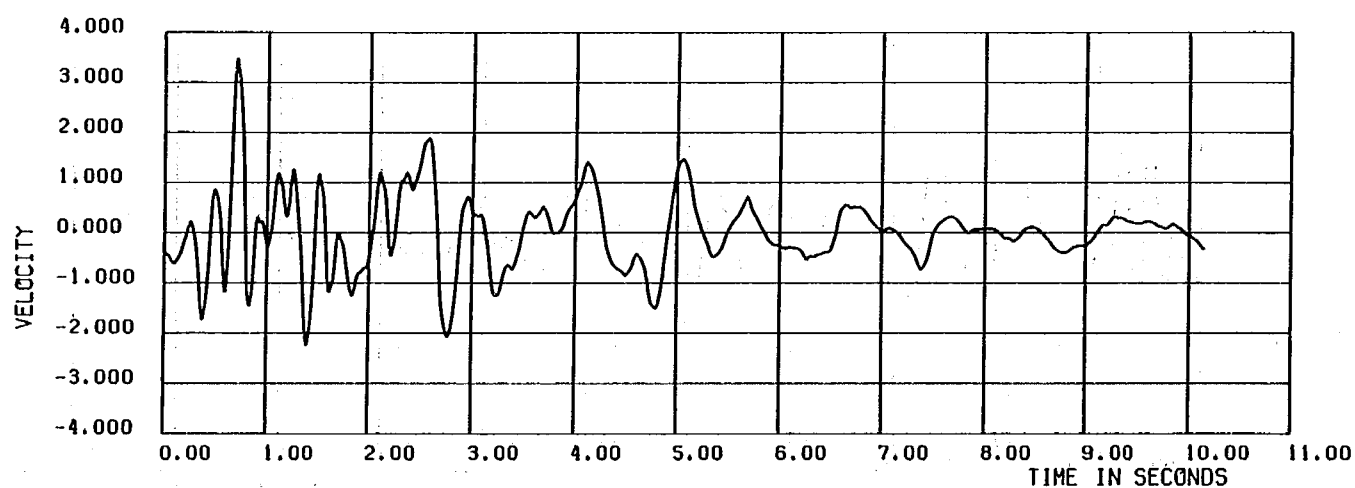
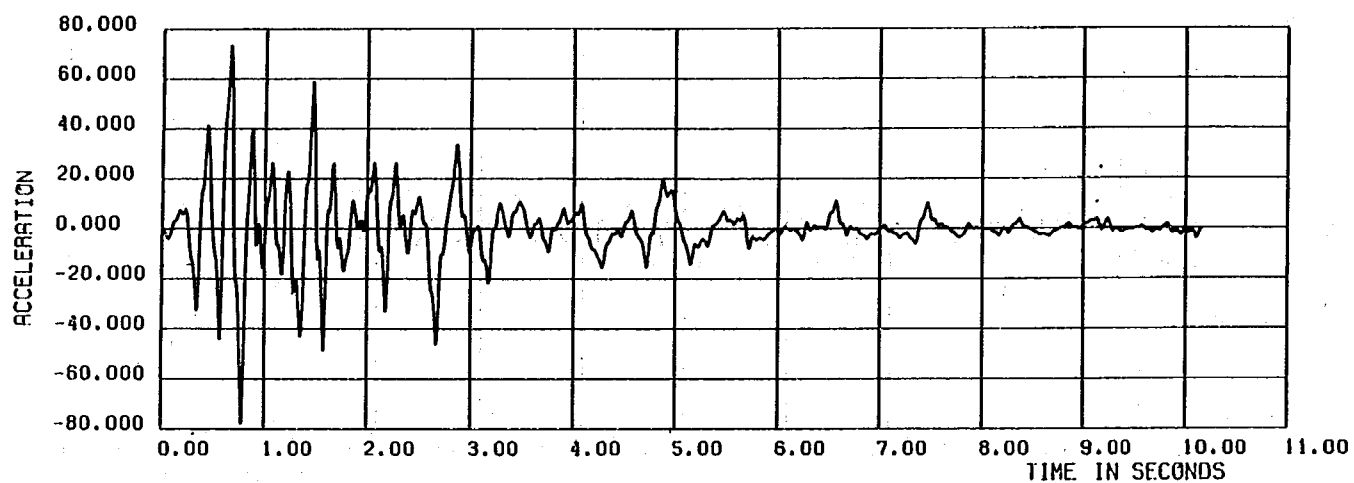
D 加速度・速度・変位

1111-1111-1111 1111



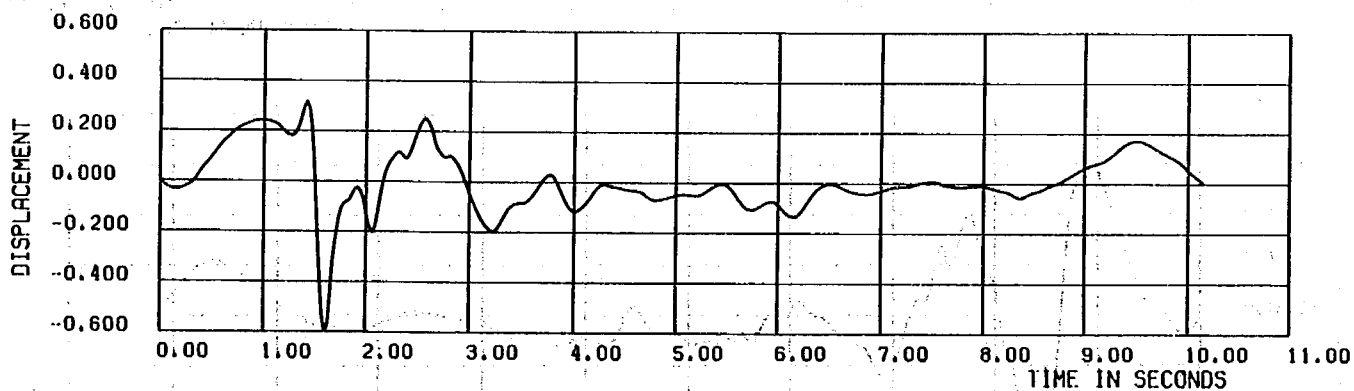
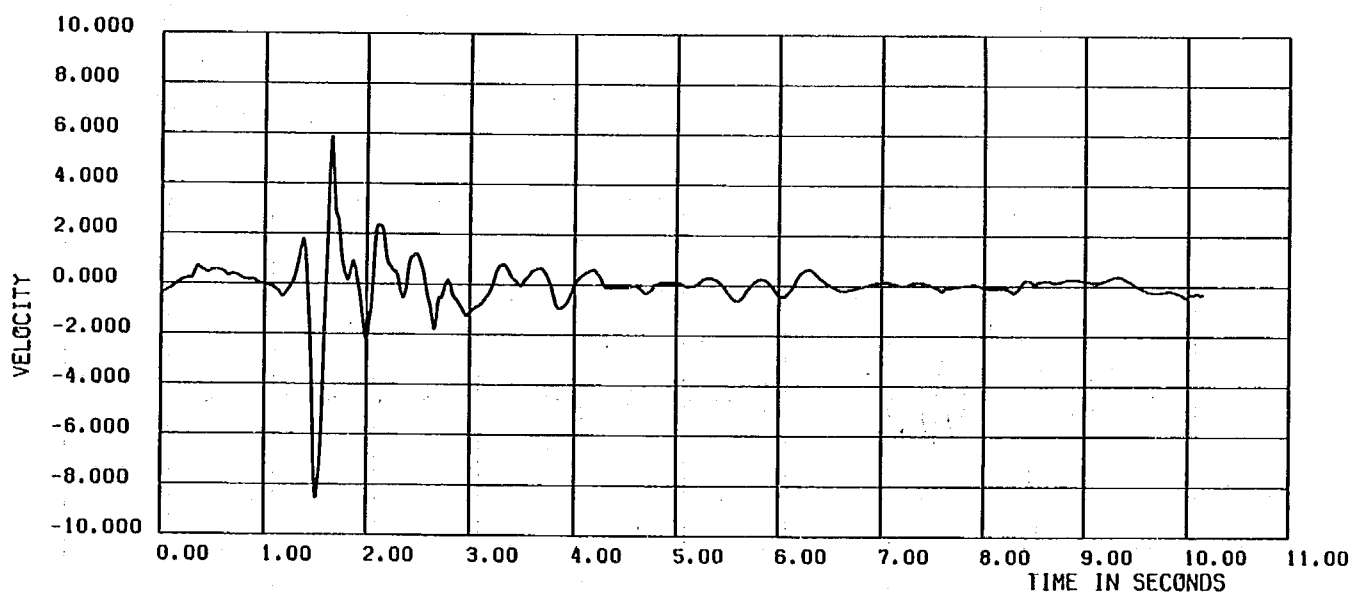
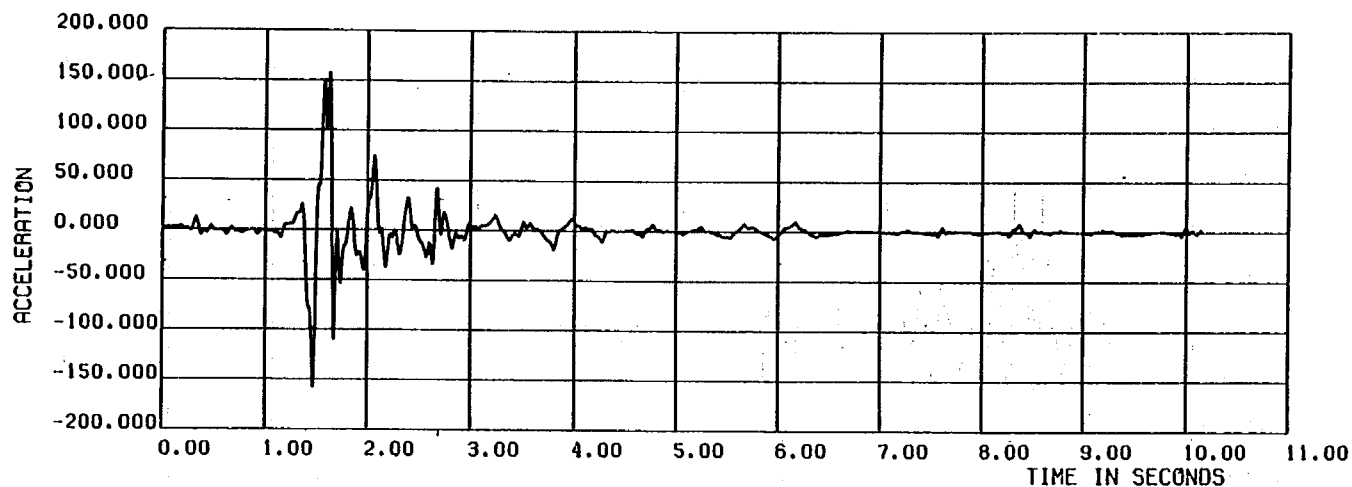
D-1 SUSOBANA 1-NS

2011 12/04/02 1:00



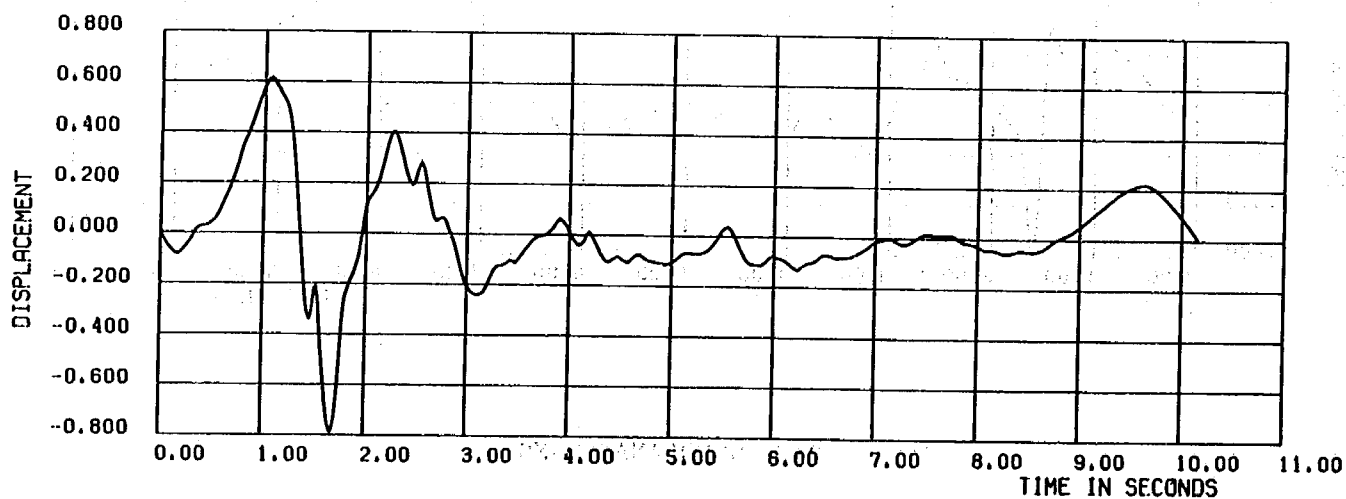
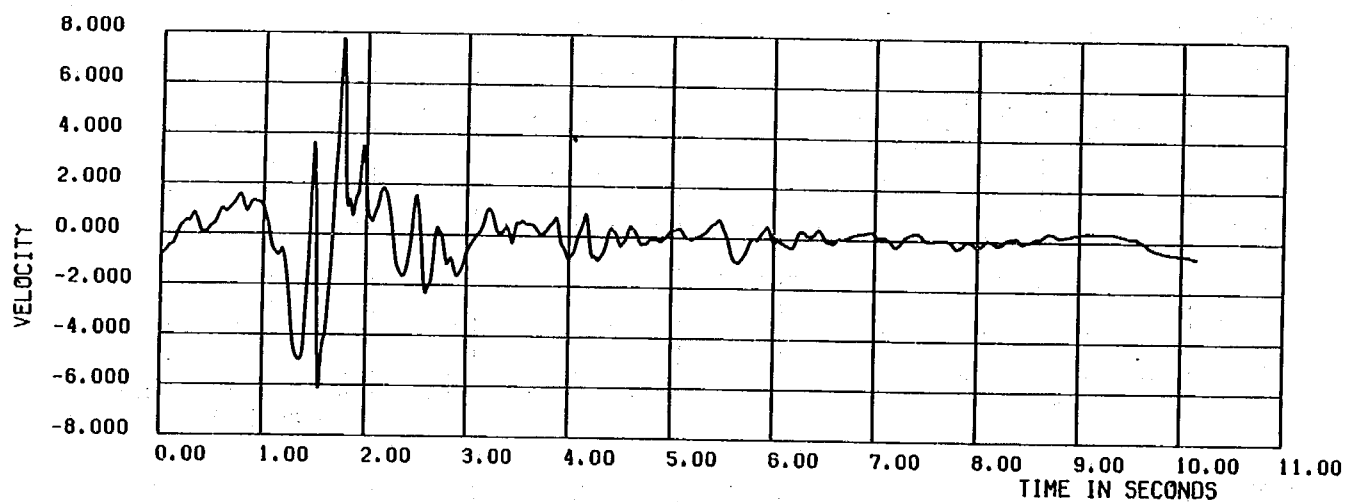
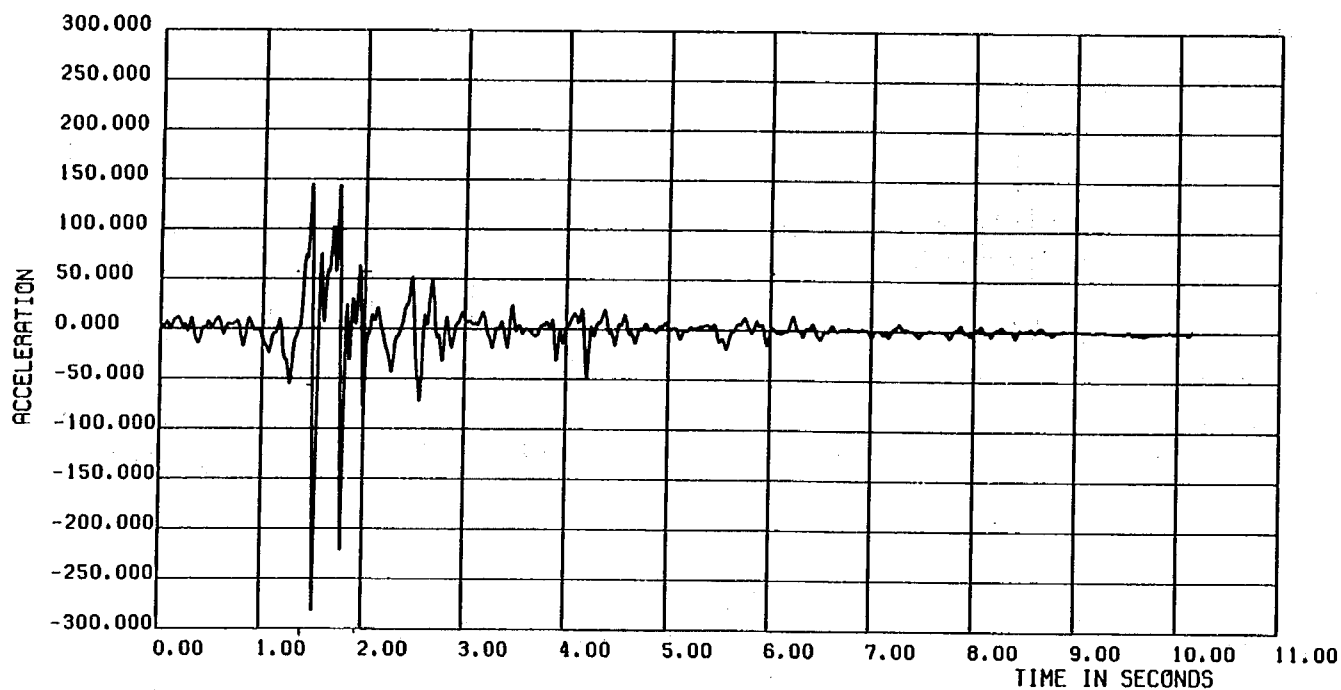
REL. 1 AMPLITUDE 1.00

D-2 SUSOBANA 1-EW

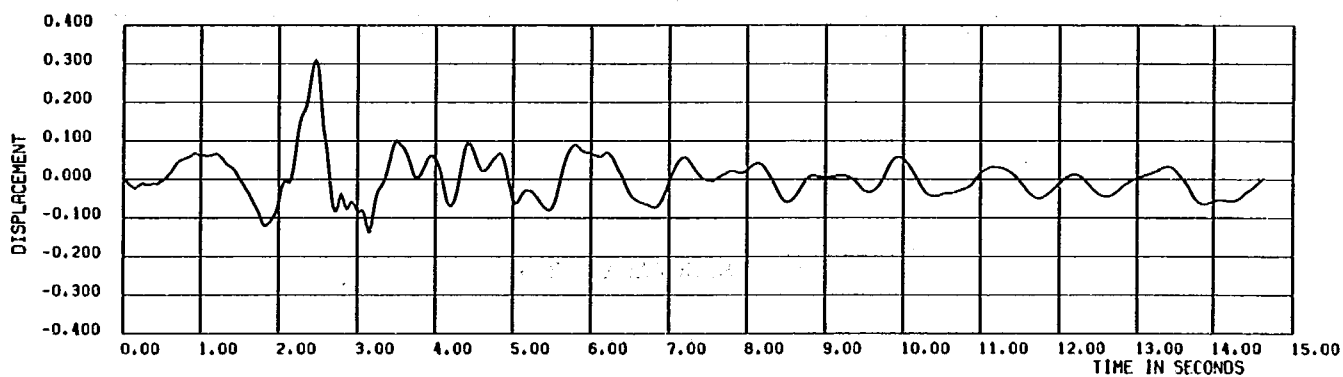
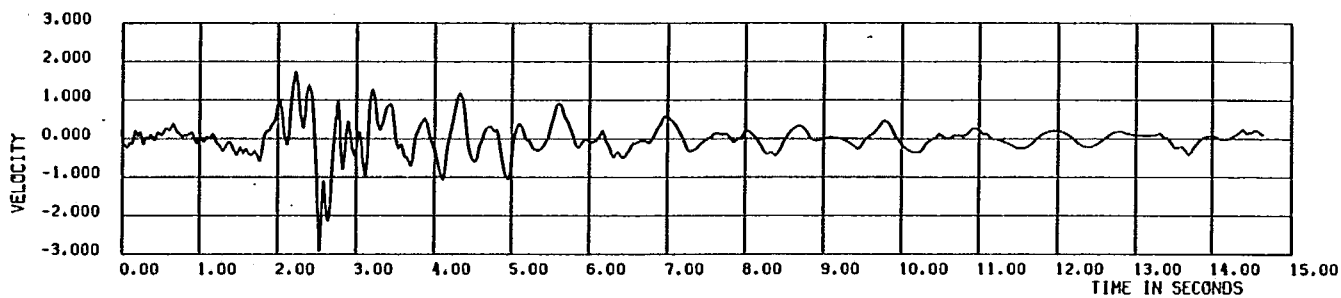
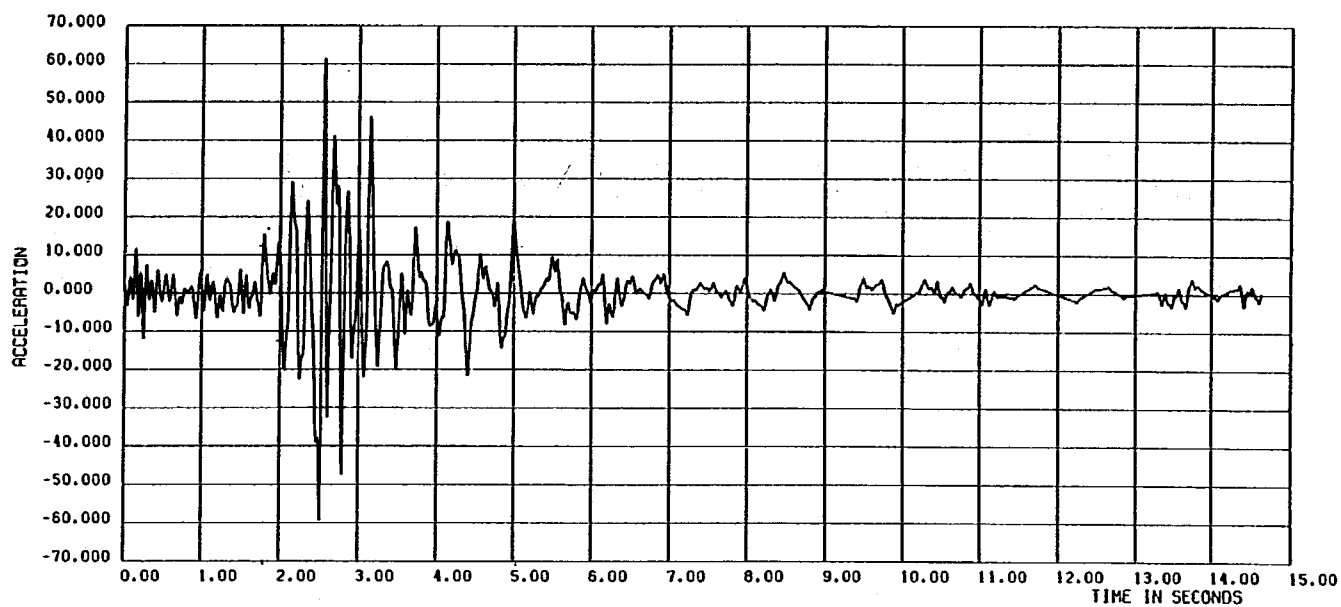


D-3 SUSOBANA 2-NS

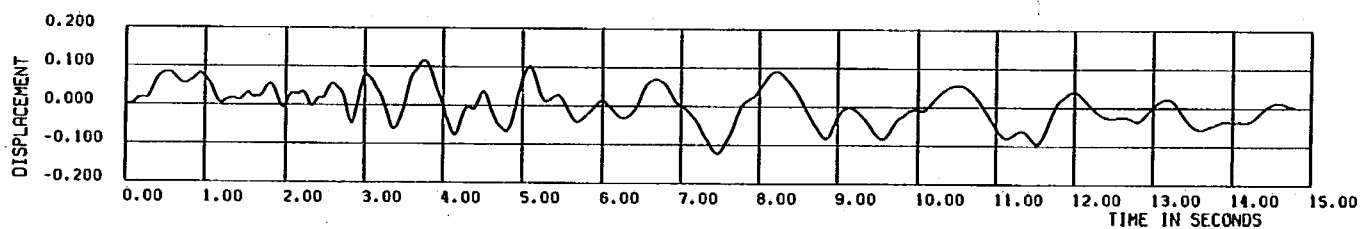
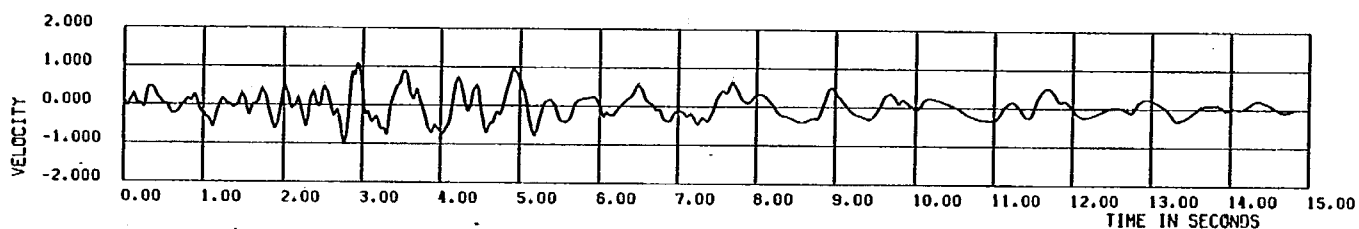
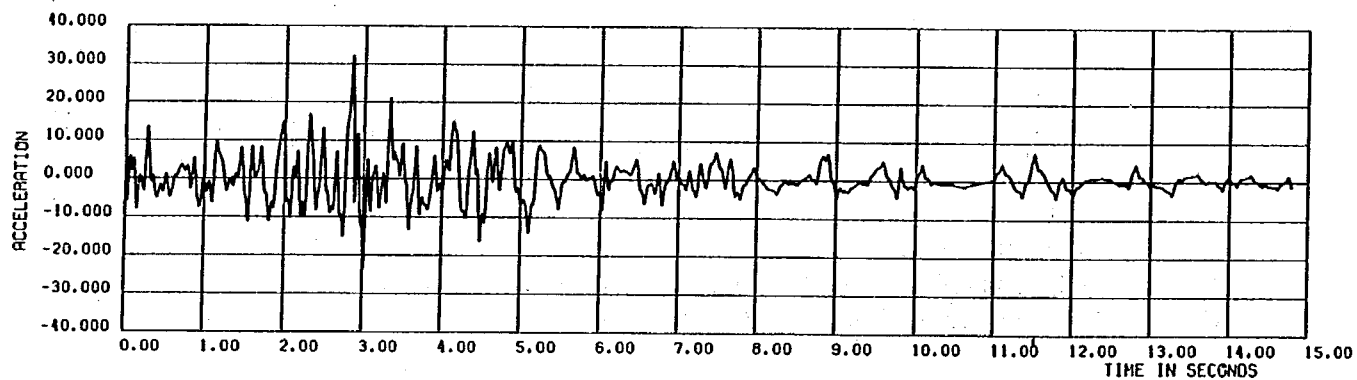
AMERICAN A-1



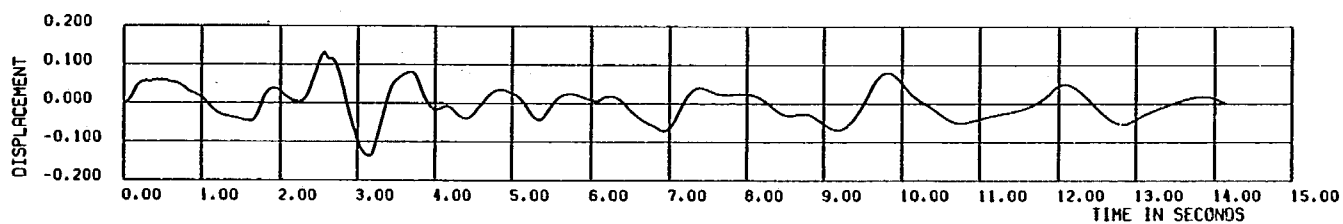
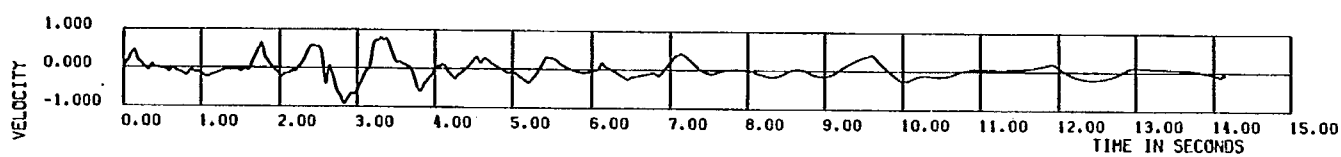
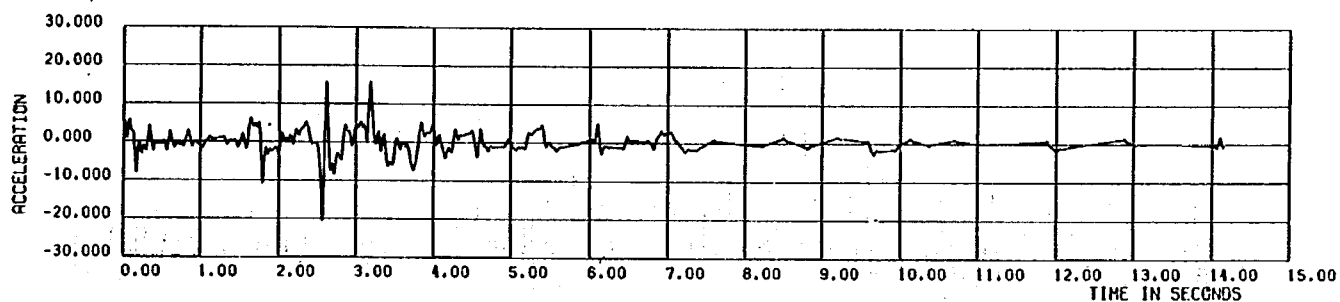
D-4 SUSOBANA 2-EW



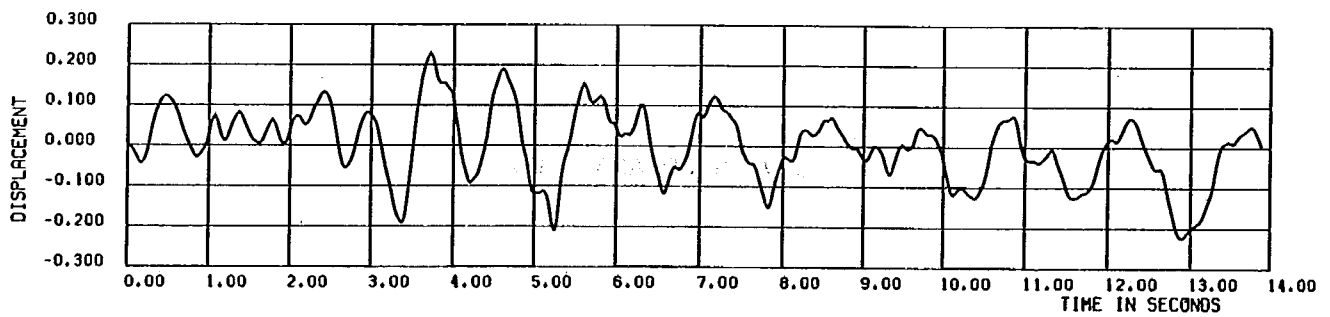
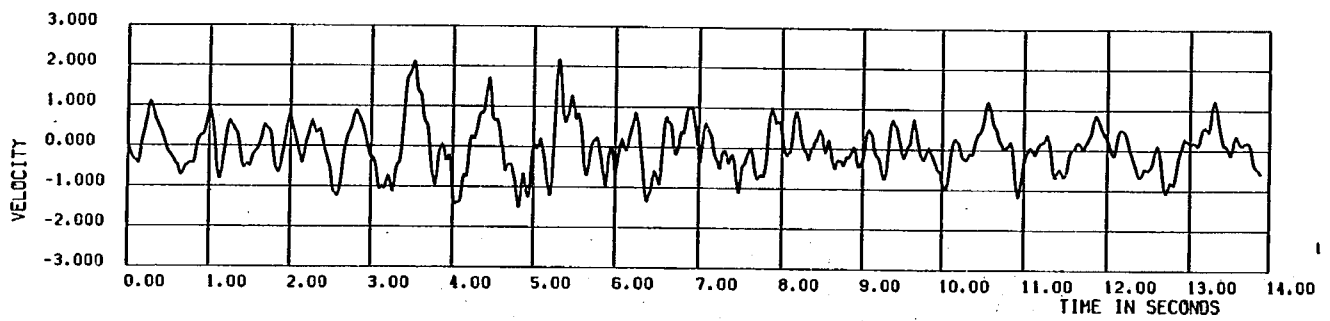
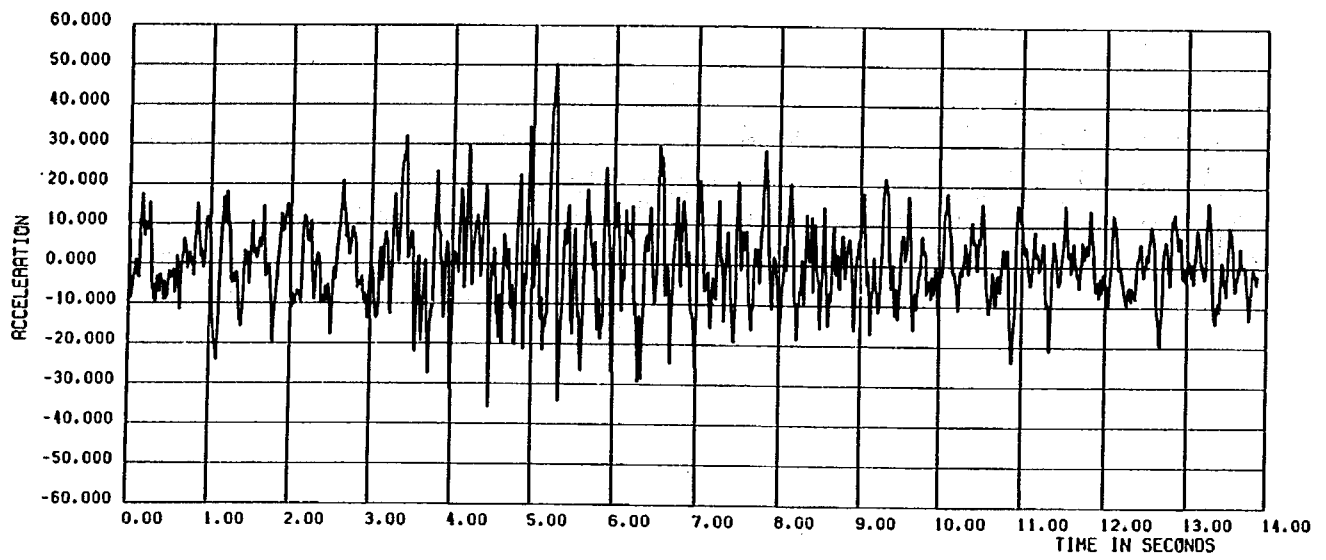
D-5 SUSOBANA 3-X



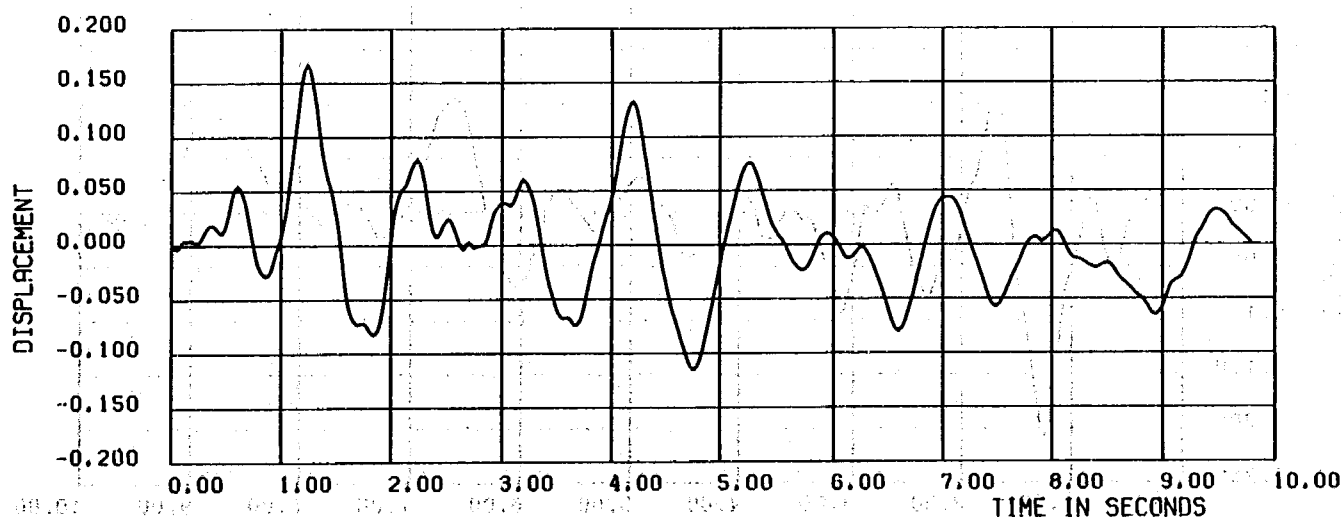
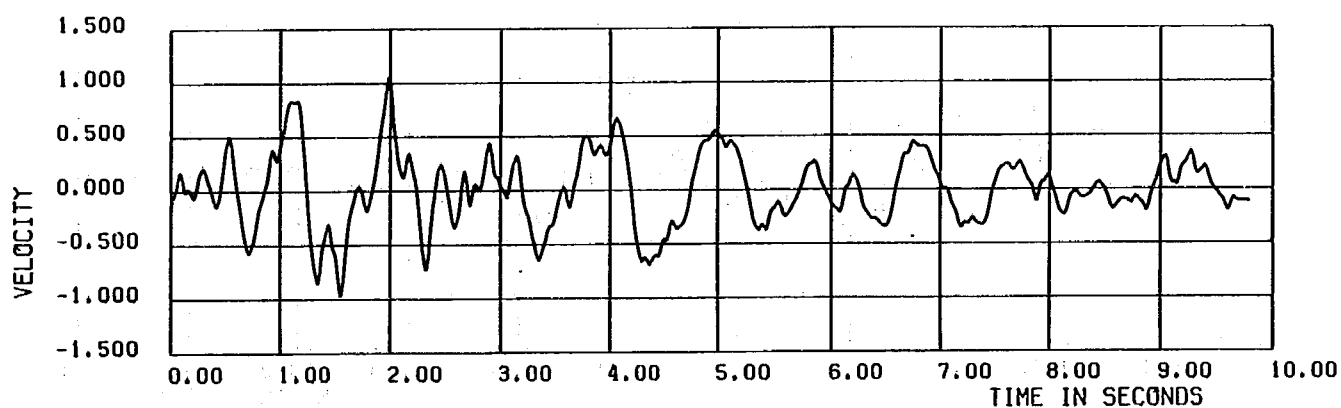
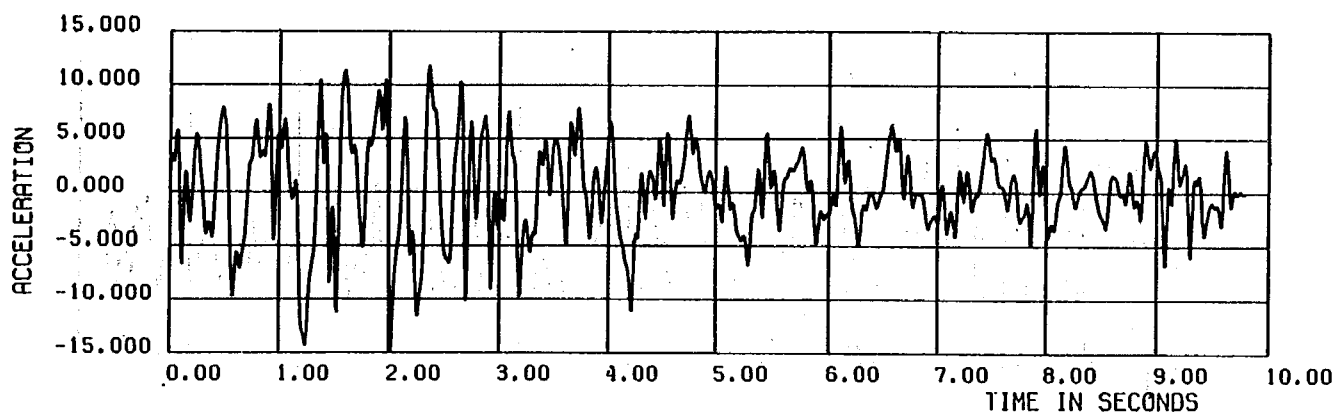
D-6 SUSOBANA 3-Y



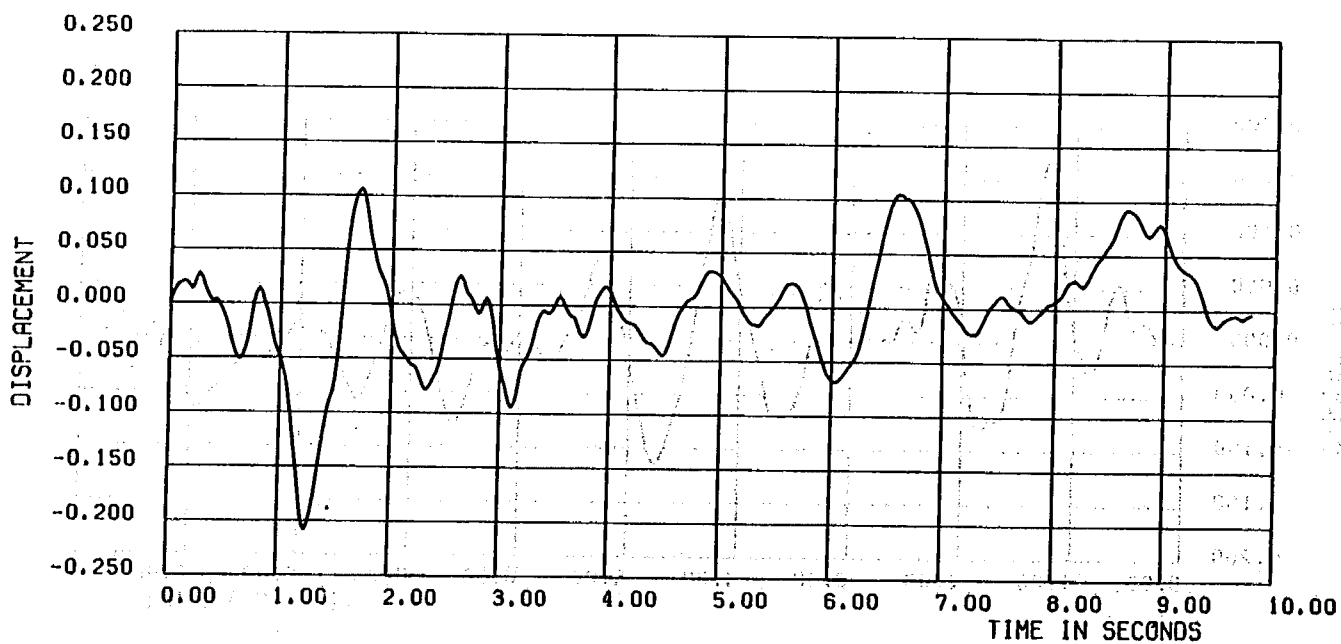
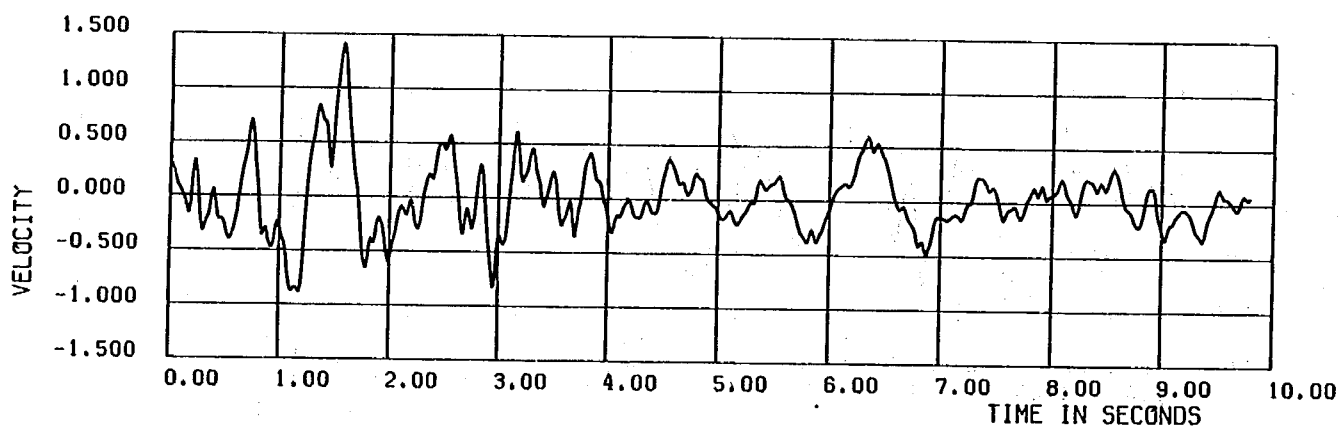
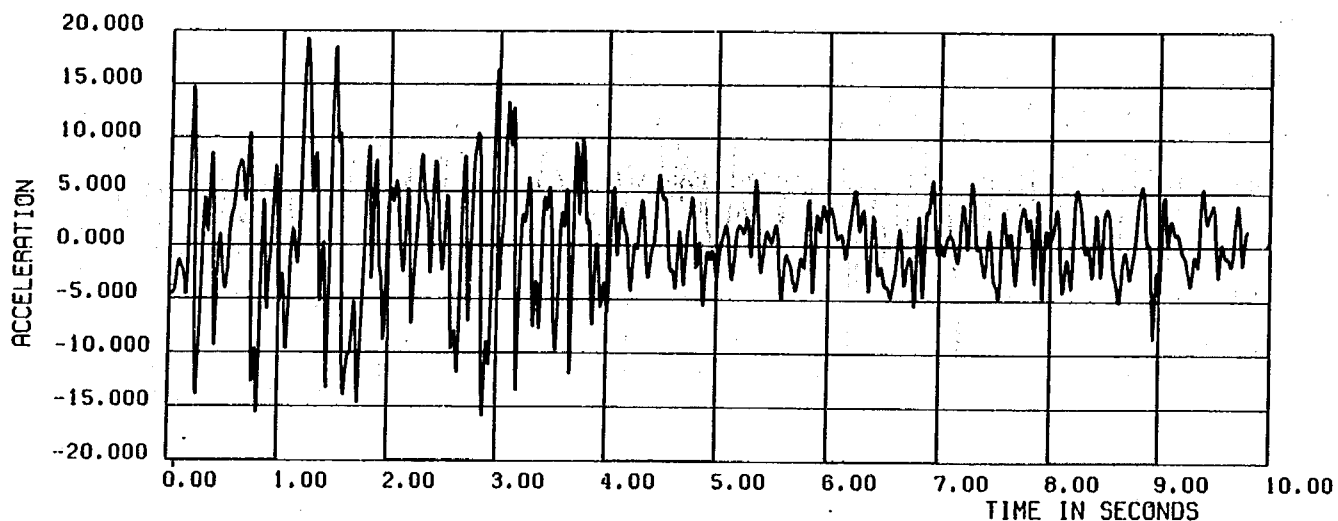
D-7 SUSOBANA 3-Z



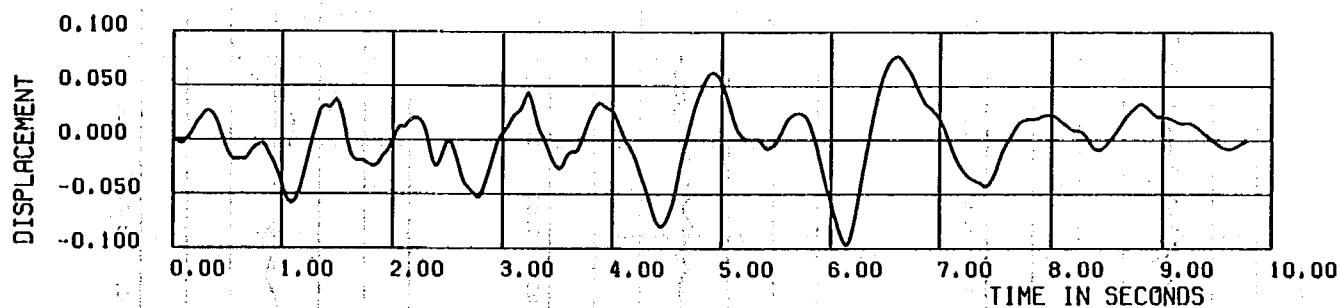
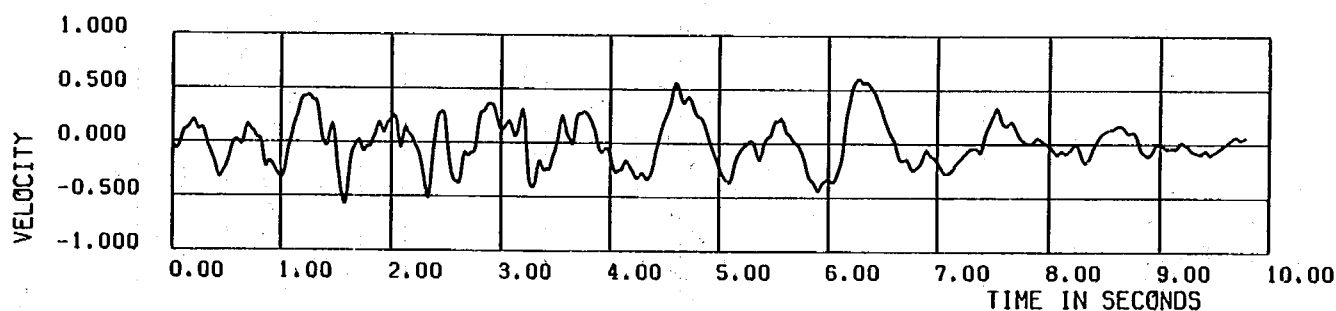
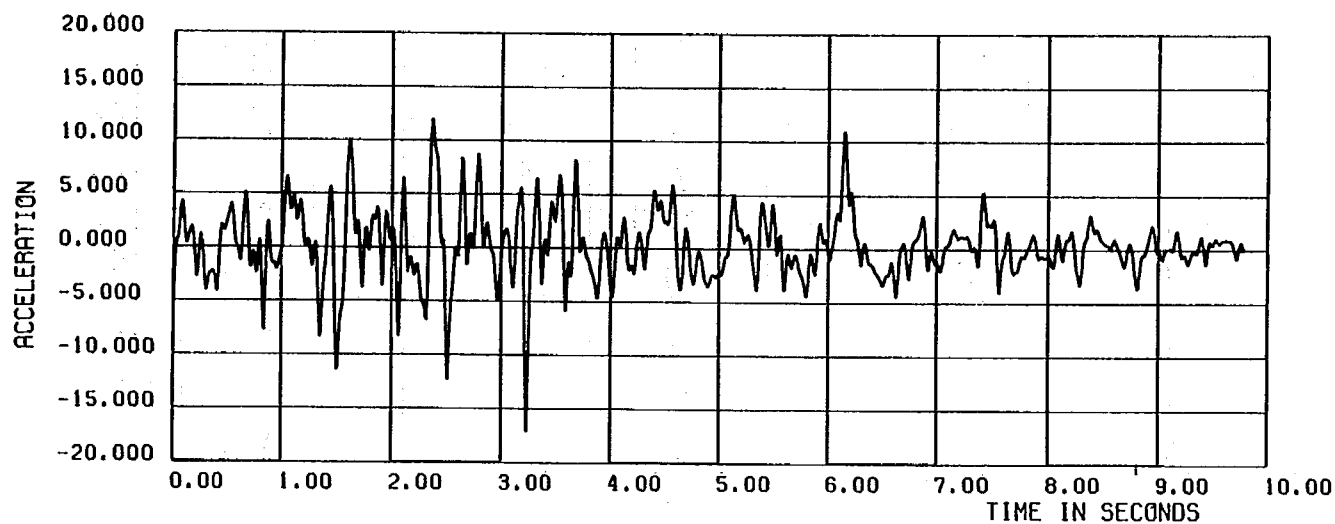
D-8 SHIJUSHIDA 4-Y



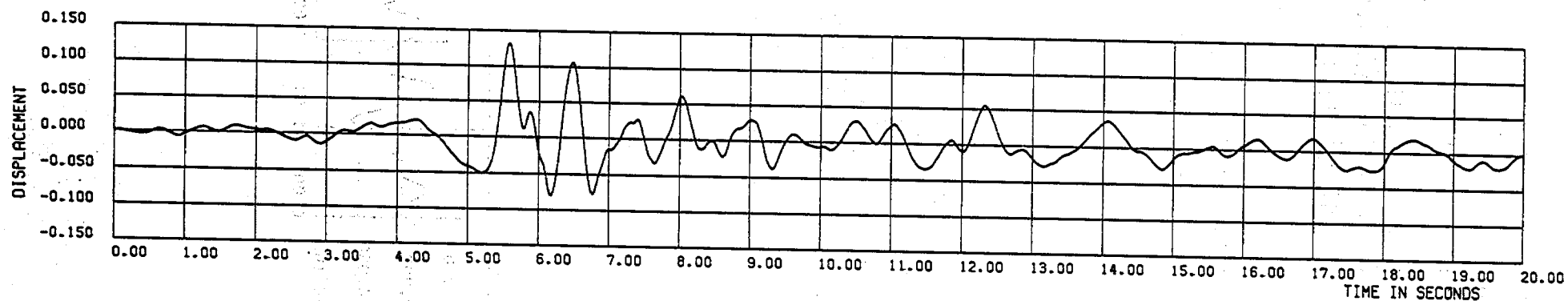
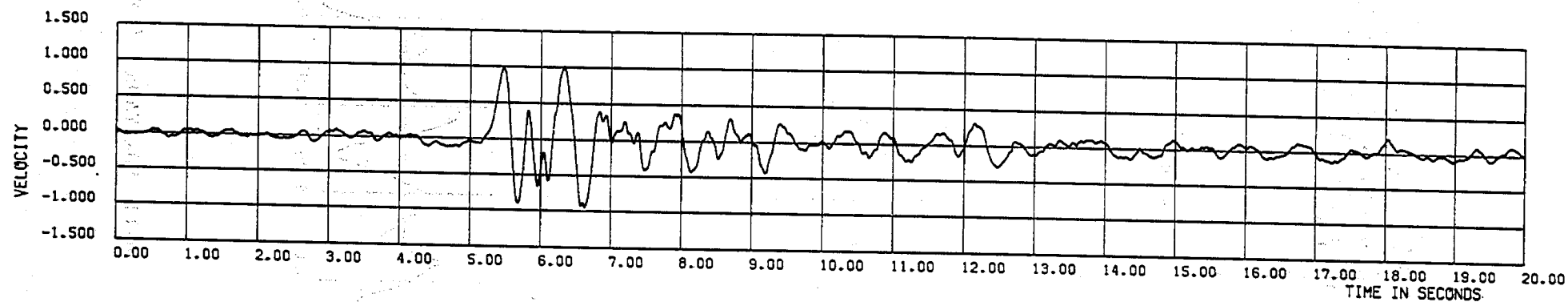
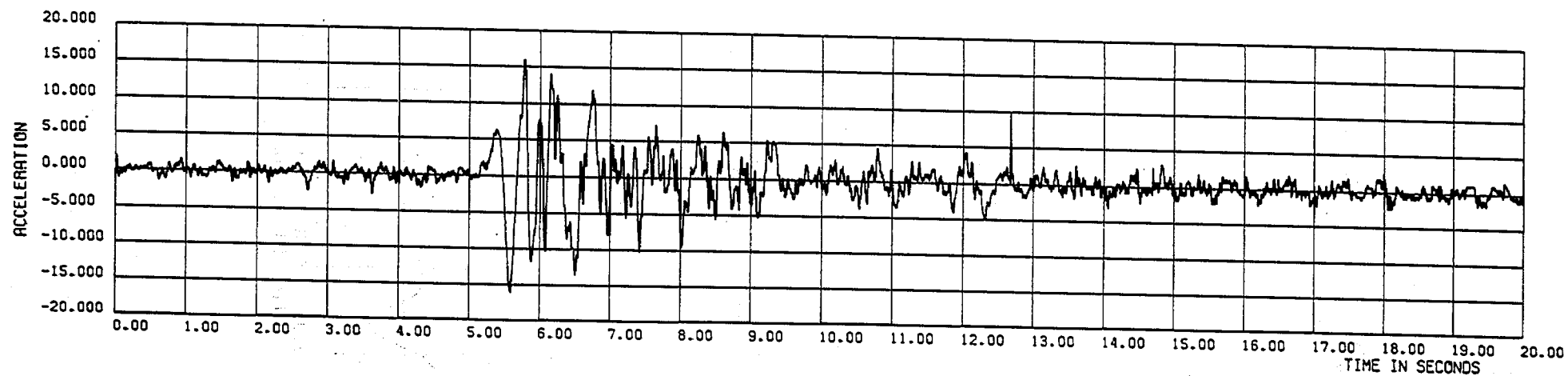
D-9 YOKOYAMA 5-X
Y-C ANALOG 01-1

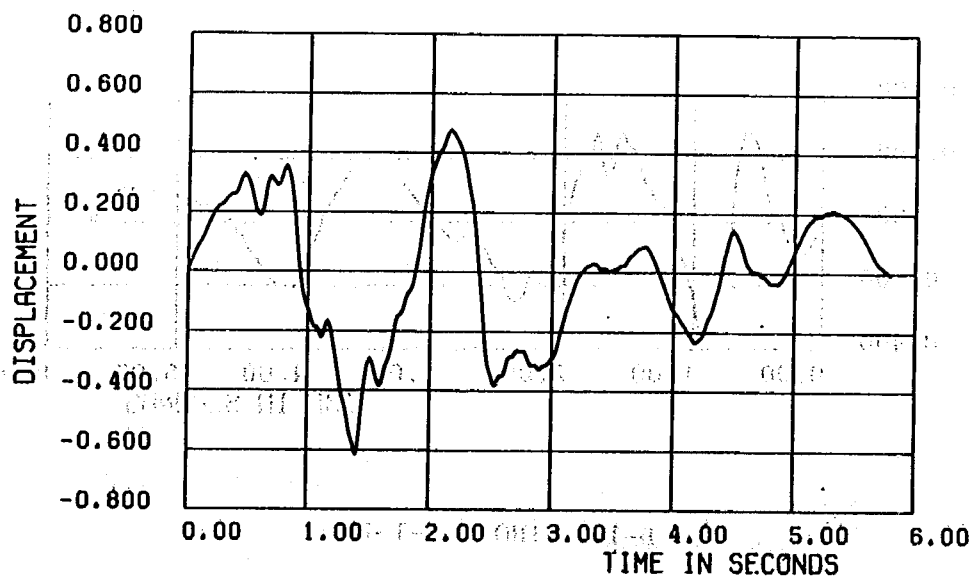
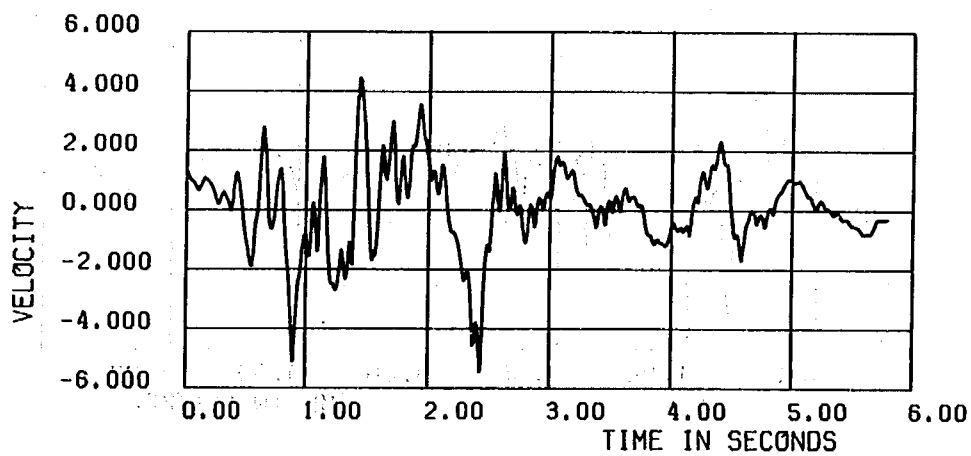
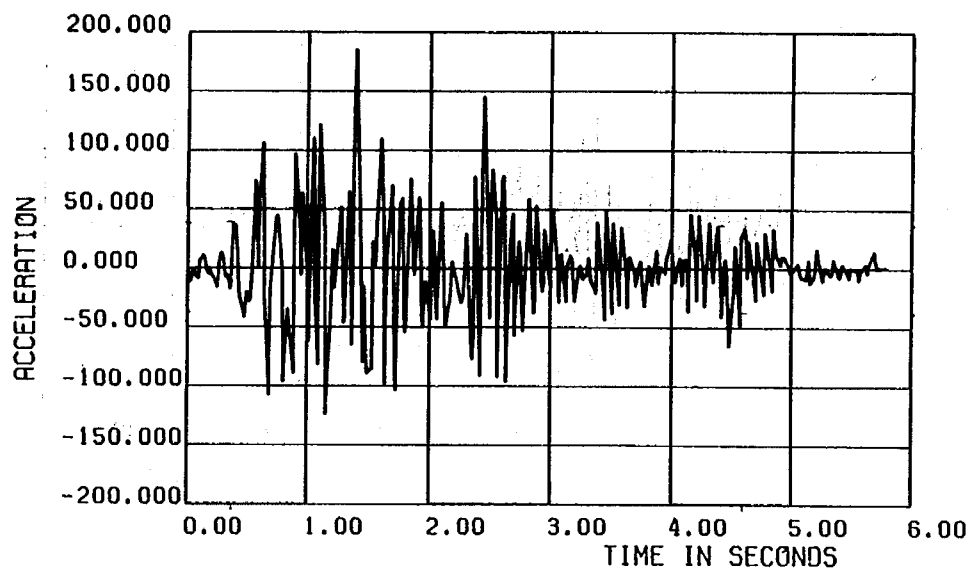


3.2 AMATOXOY 0.11
D-10 YOKOYAMA 5-Y

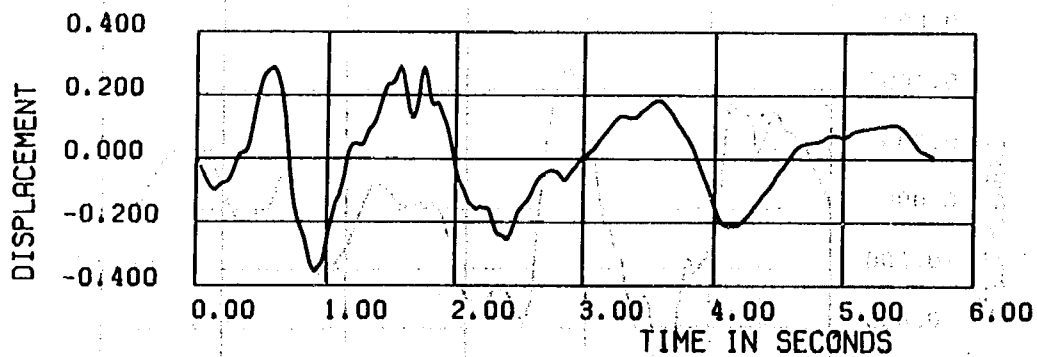
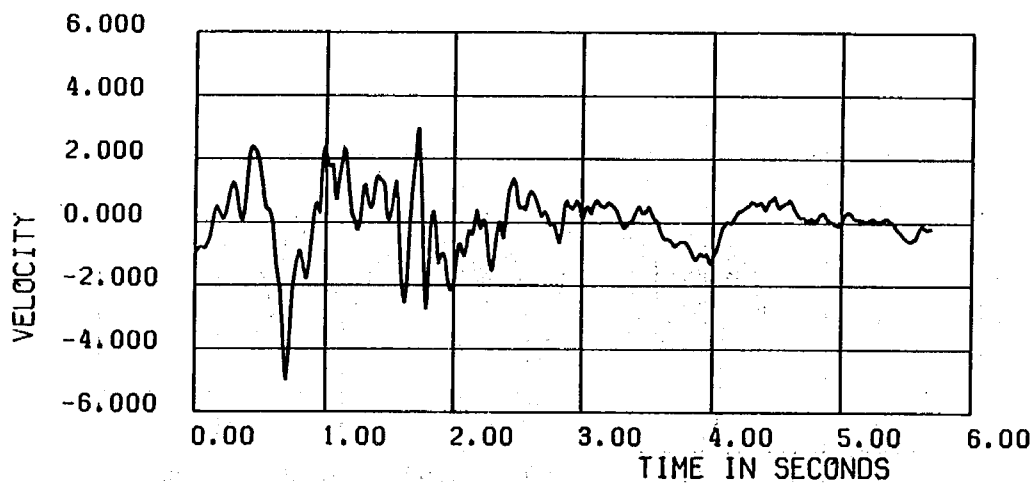
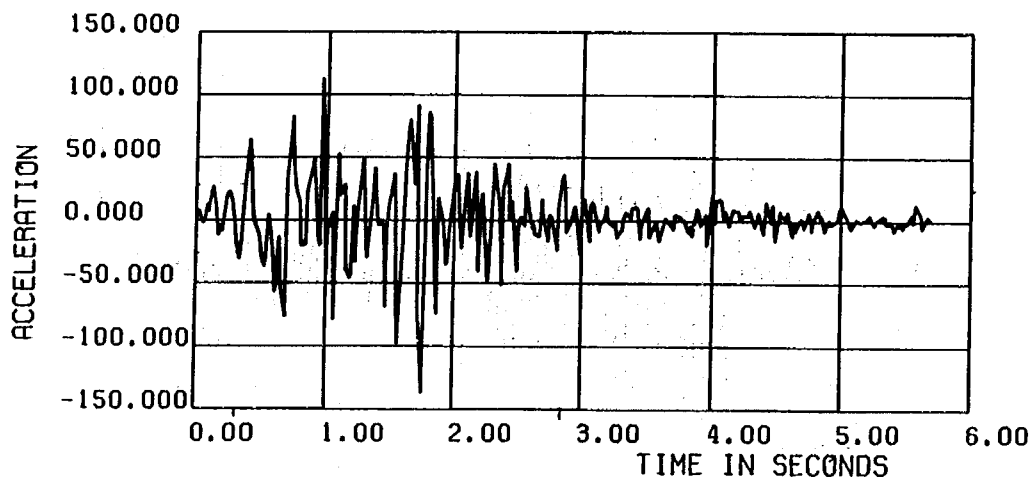


D-11 YOKOYAMA 5-2

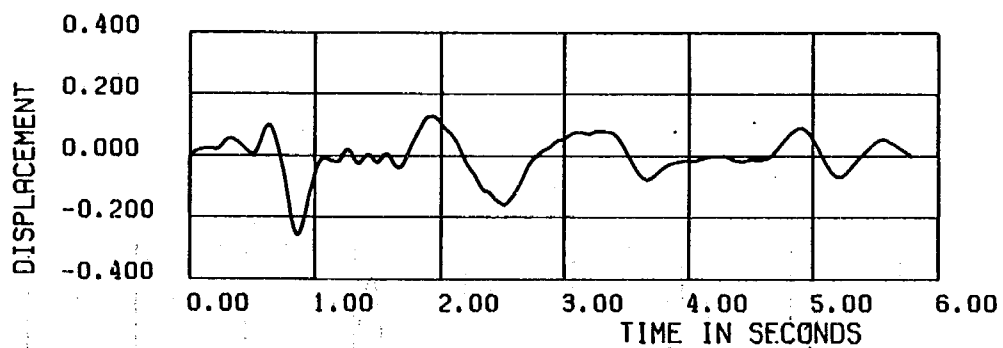
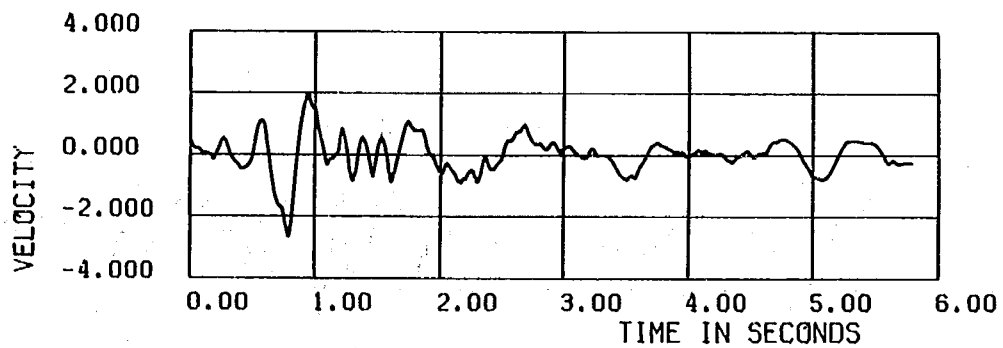
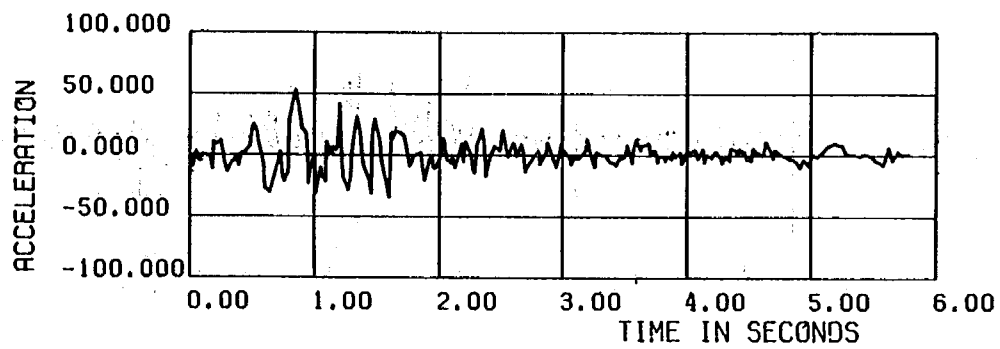




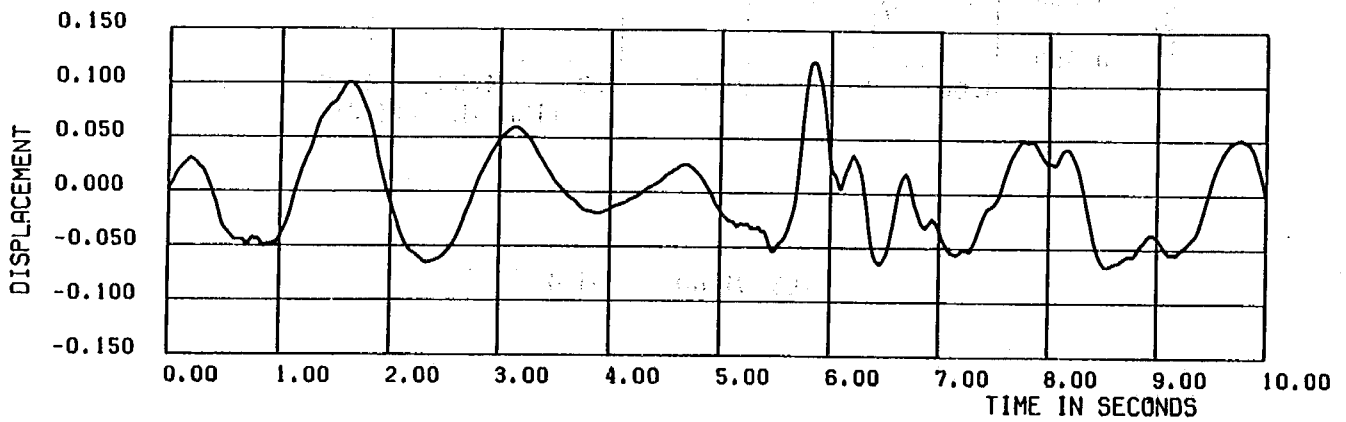
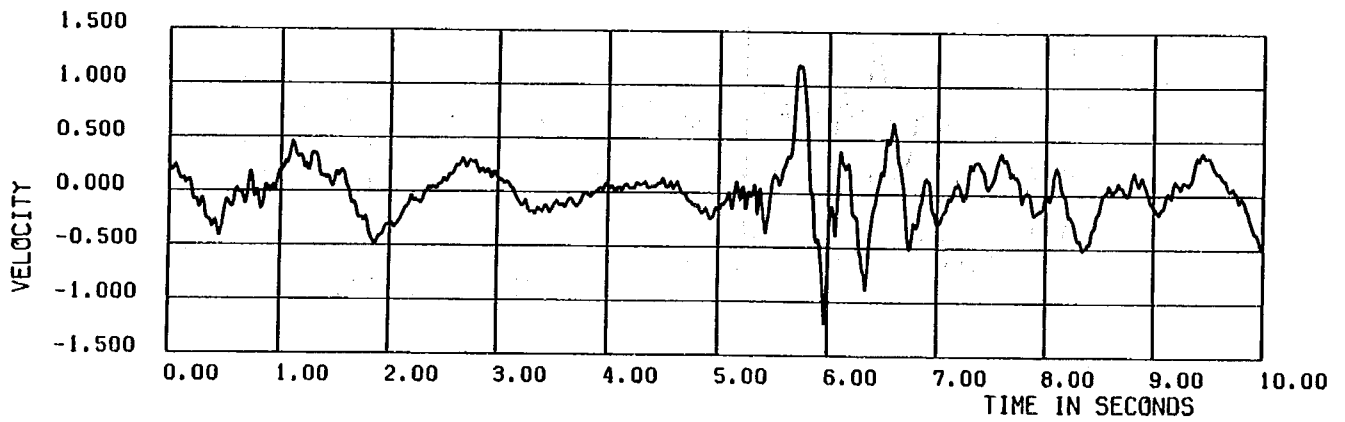
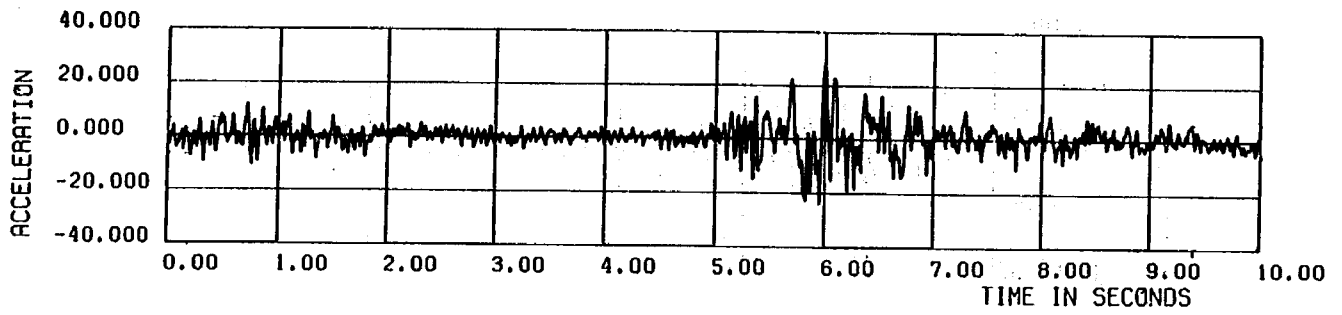
D-13 MIHO 7-1-NS



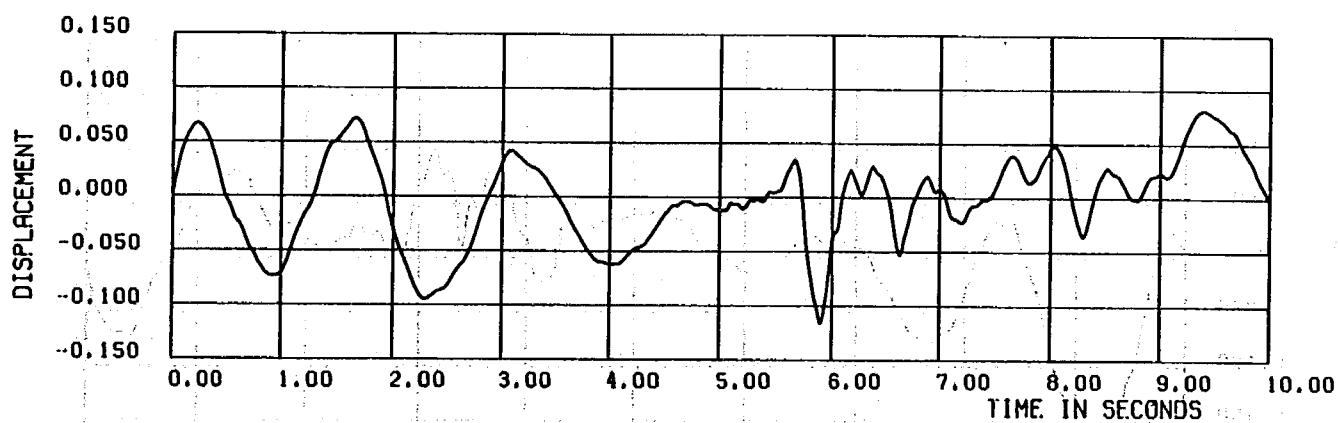
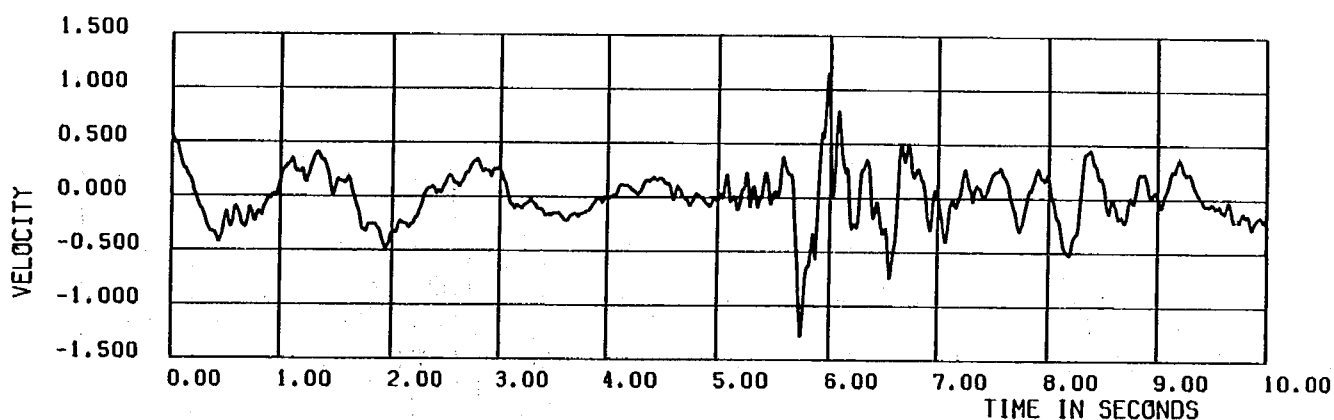
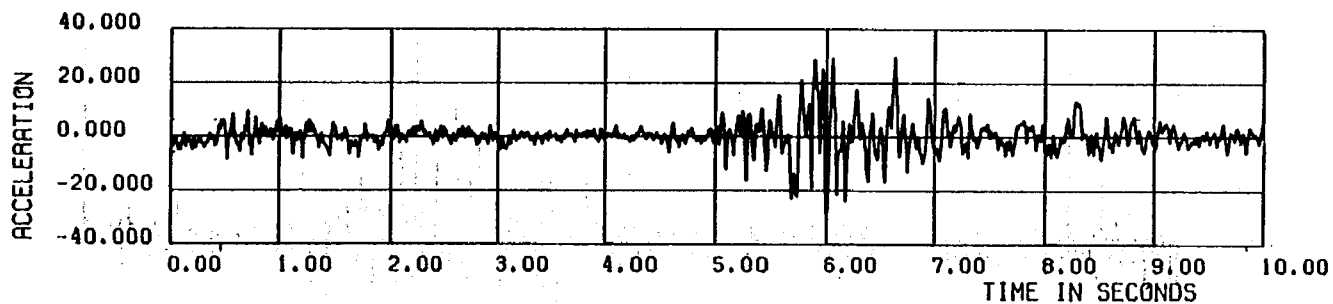
D-14 MIHO 00 7-1-EW



D-15 MIHO 7-1-Z

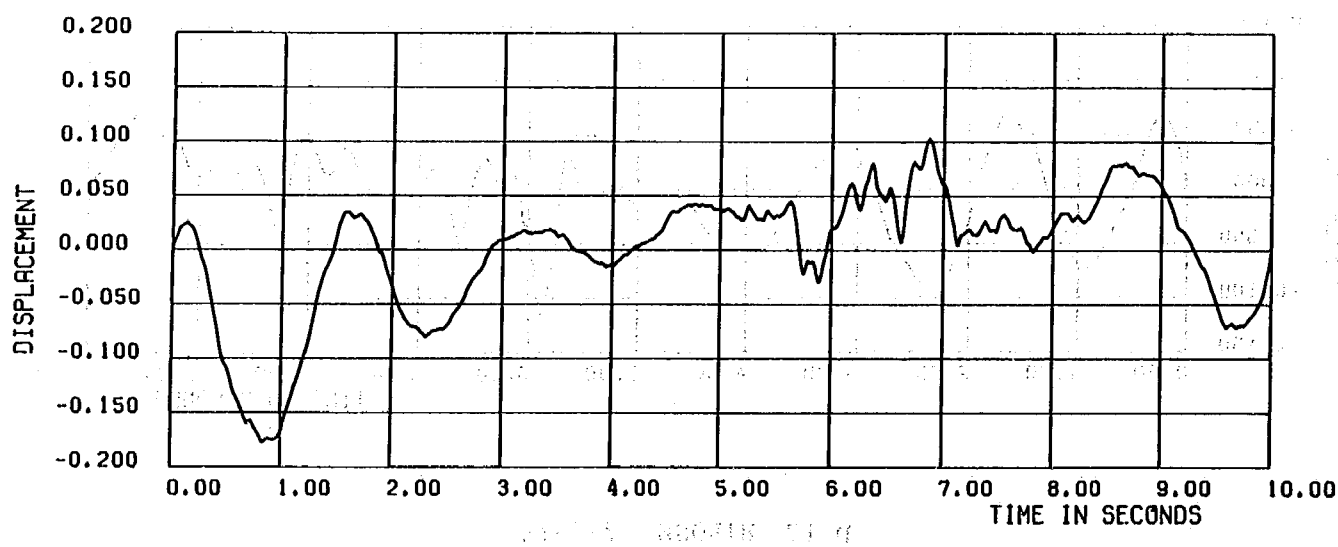
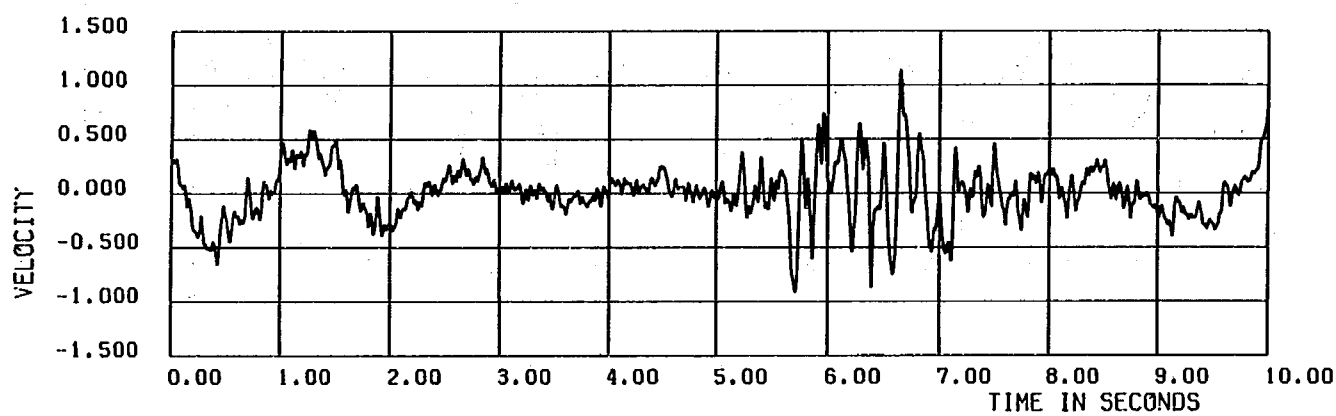
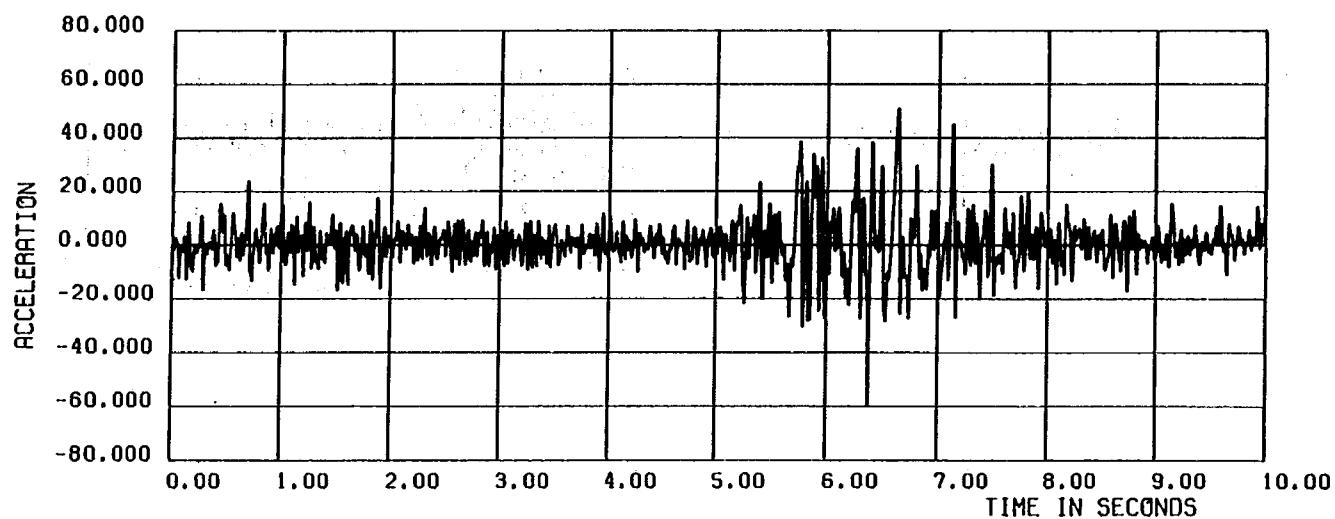


D-16 HIROSE 7-2-X_T

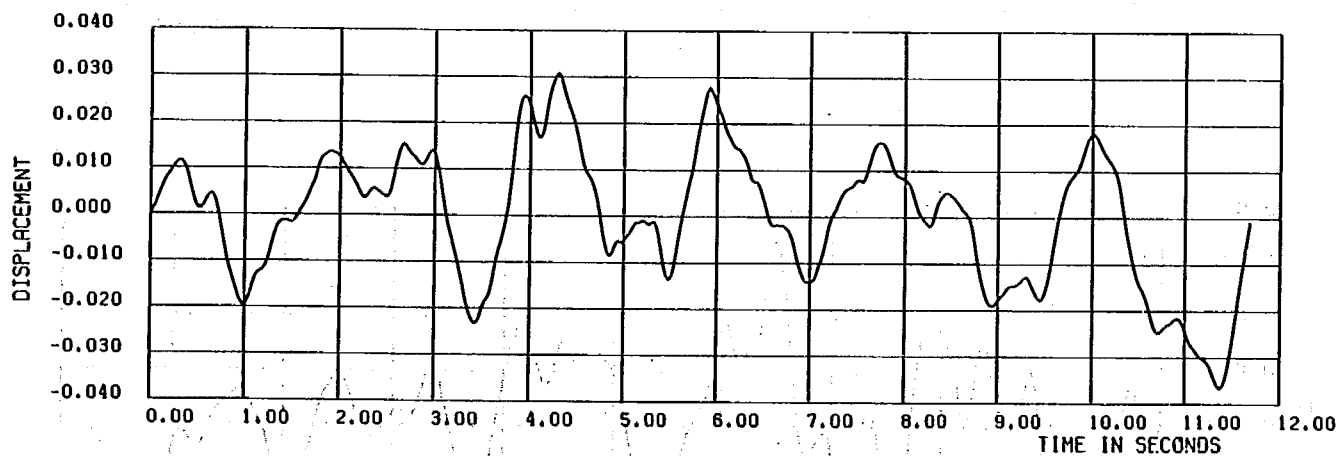
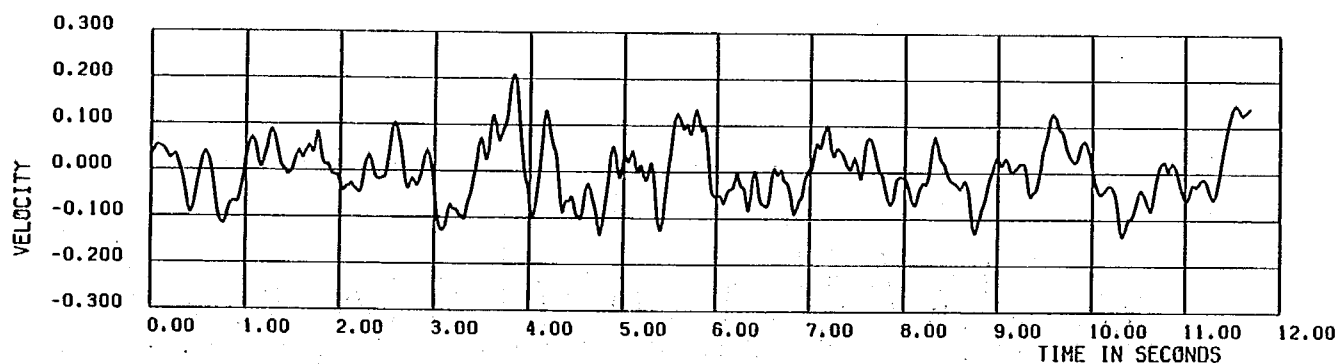
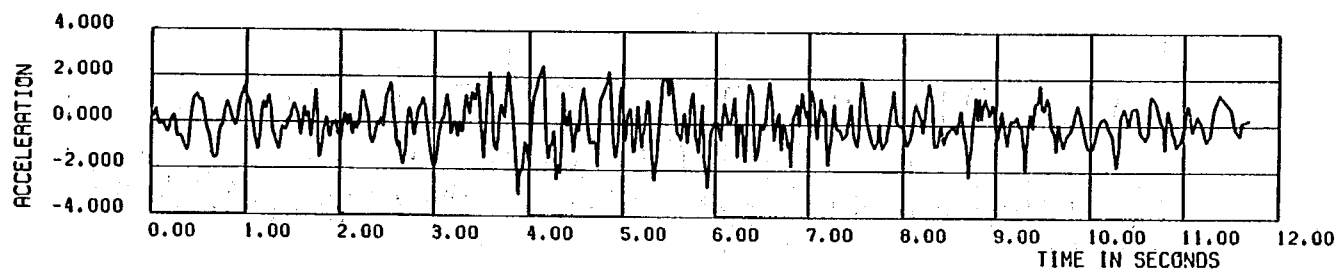


D-17 HIROSE 7-2-Y_T

HY-1A 120013 01-0

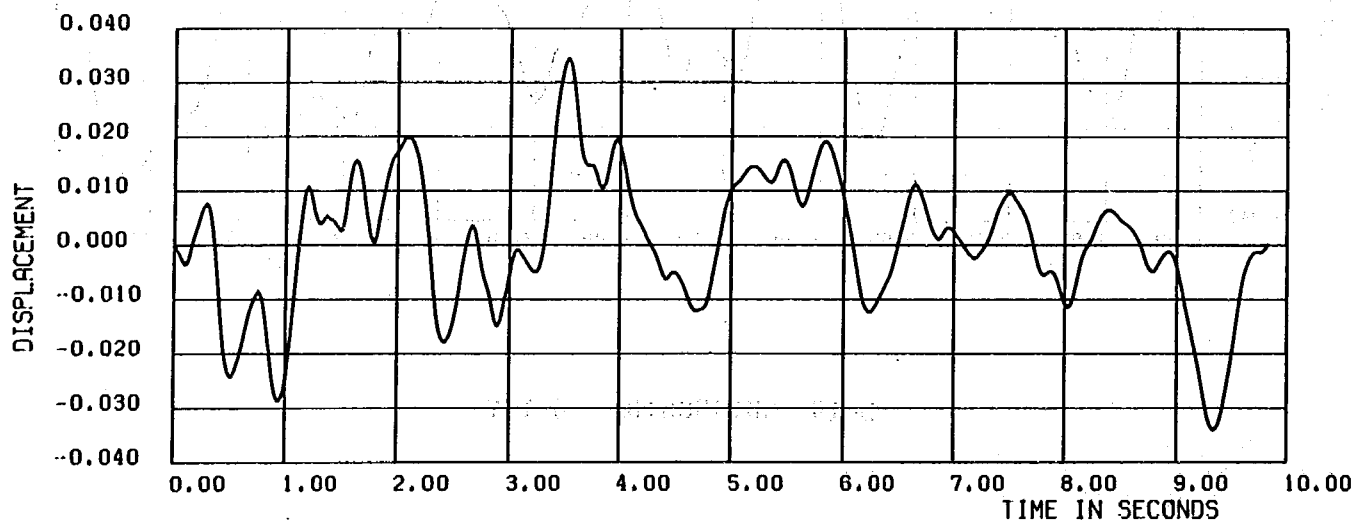
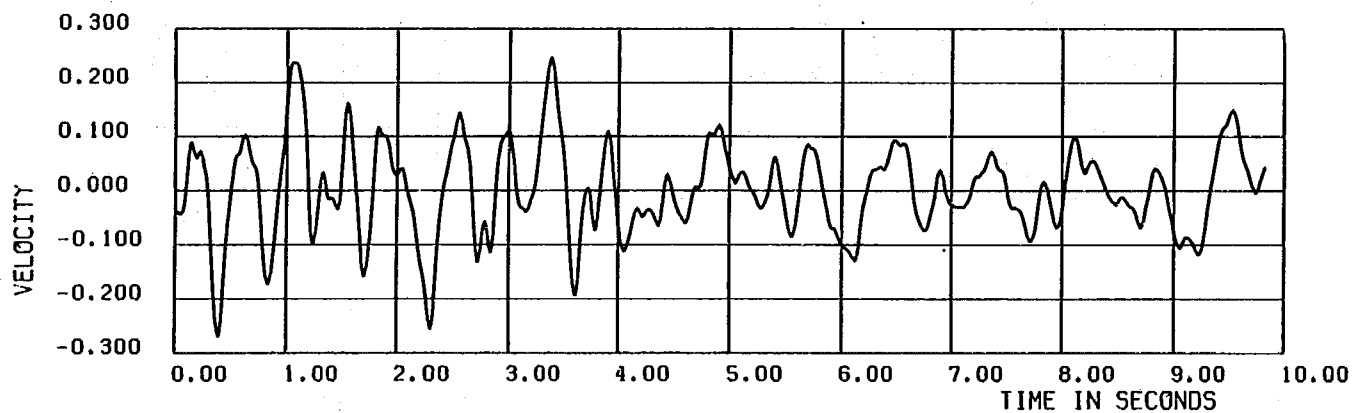
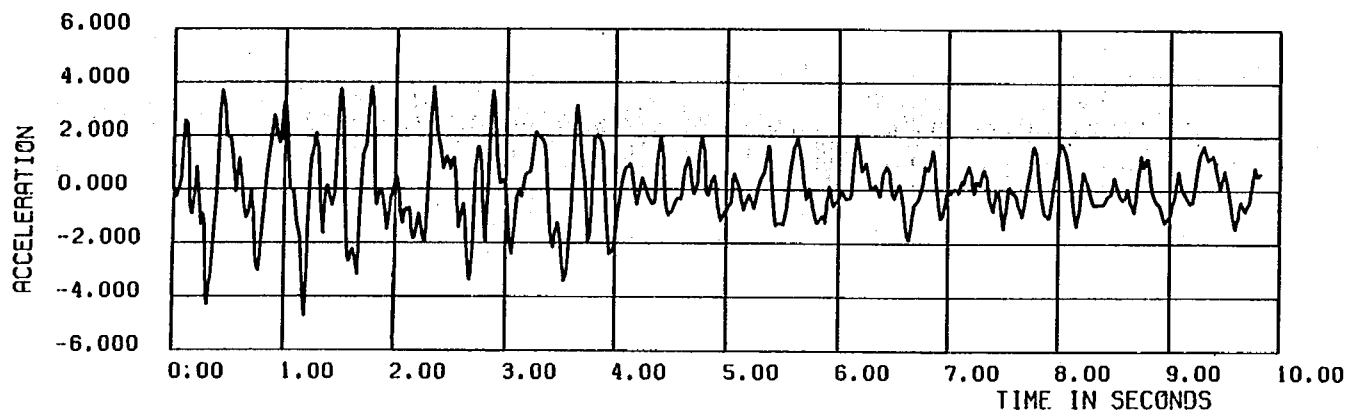


D-18 HIROSE 7-2-Y₀

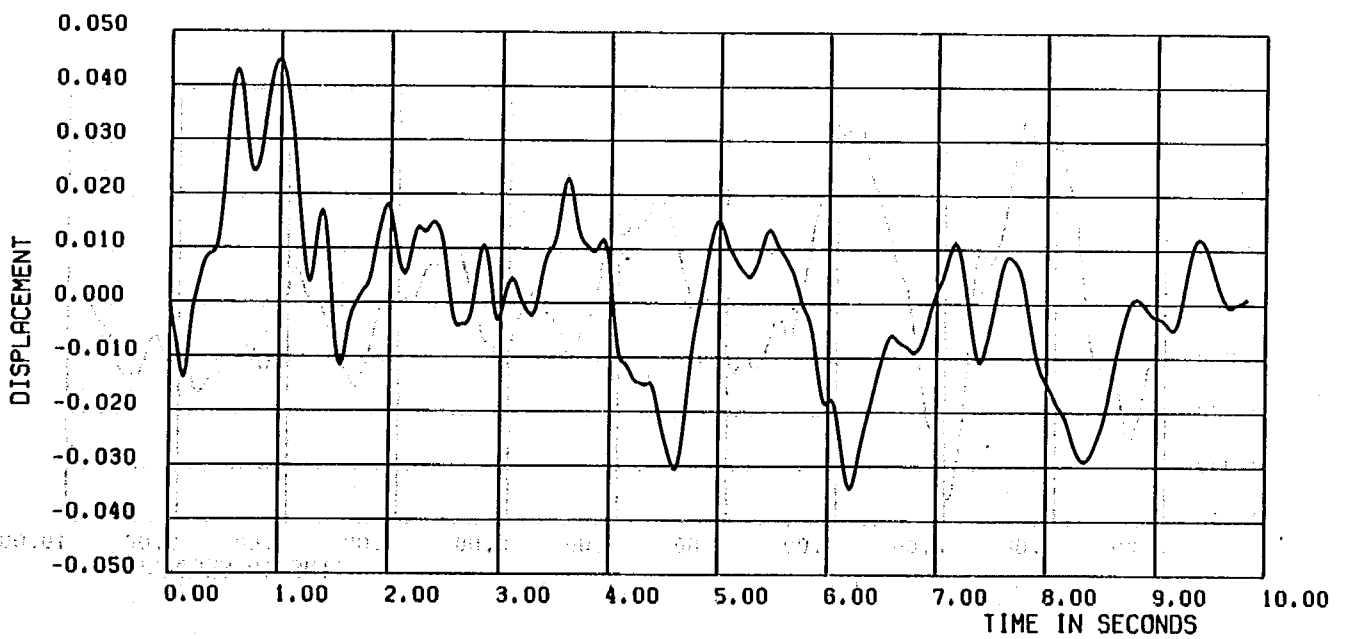
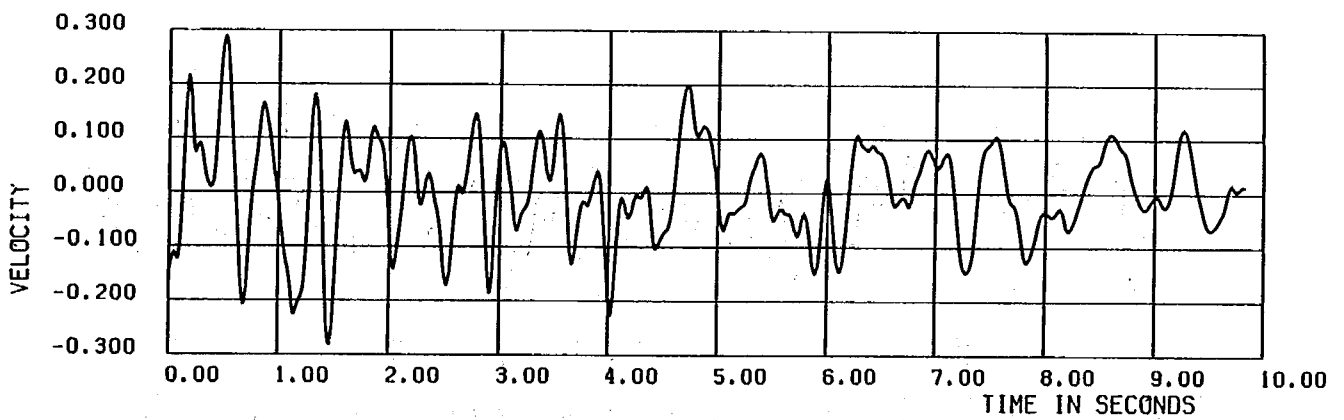
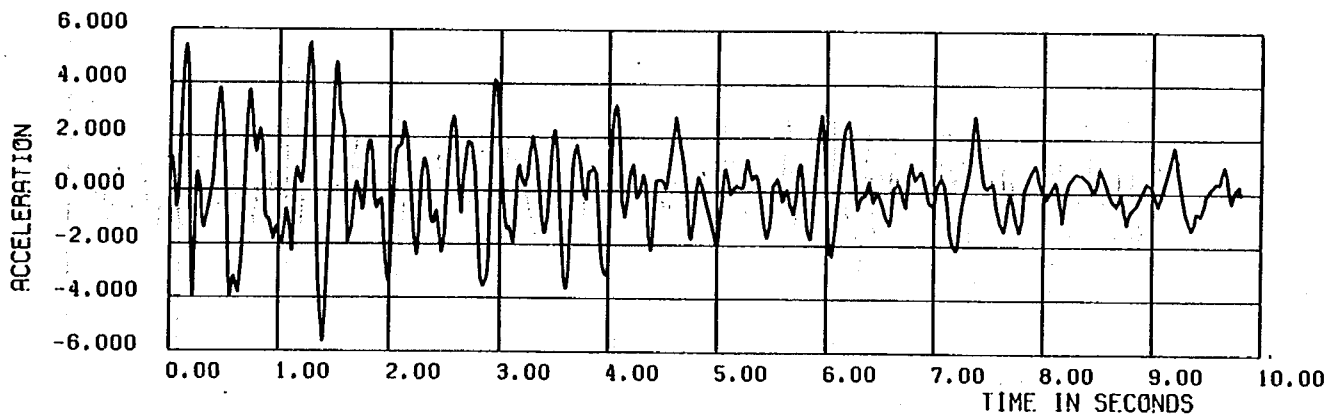


D-19 SHIJUSHIDA 8-1-Y

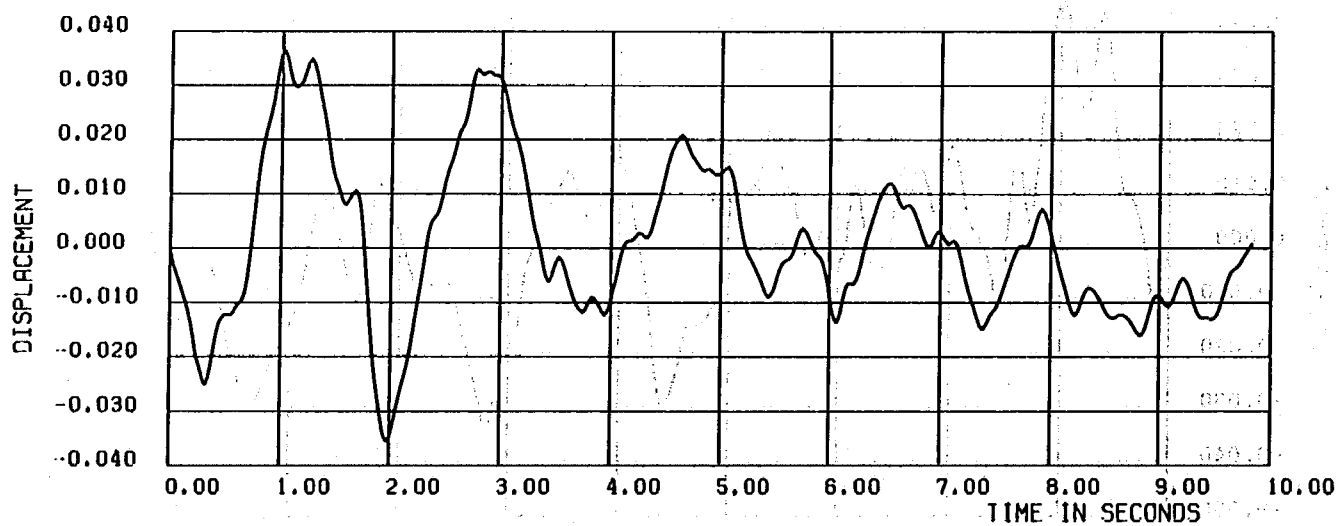
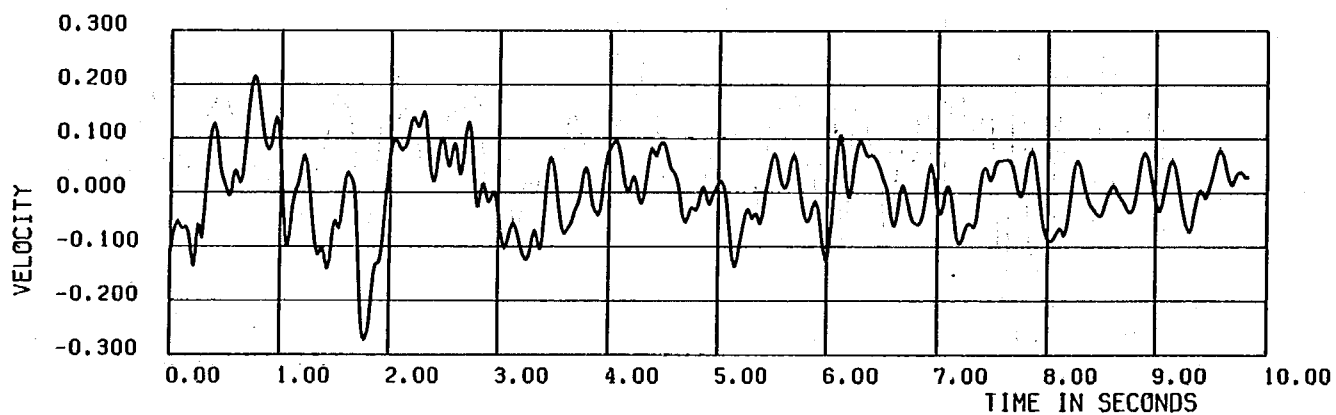
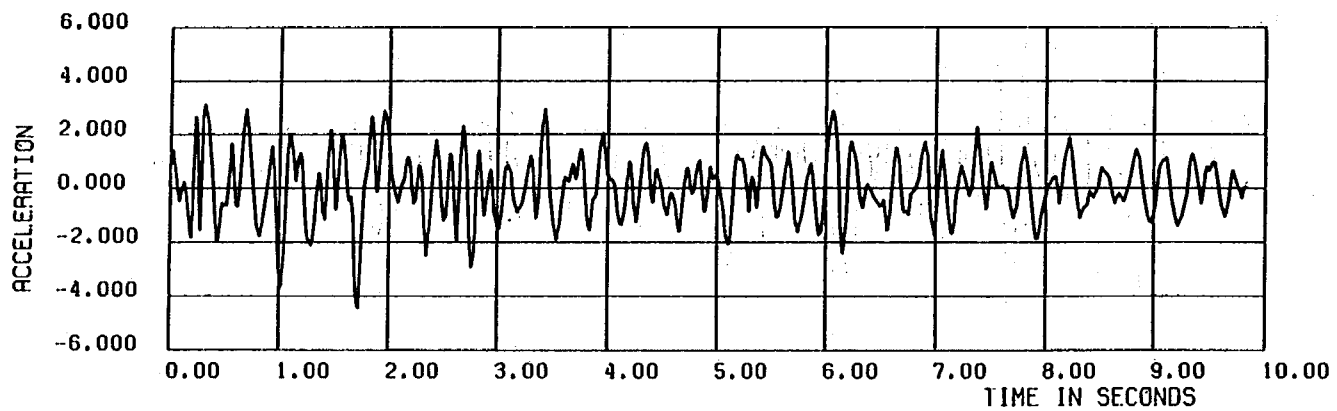
2-0-0 MAY 05-4



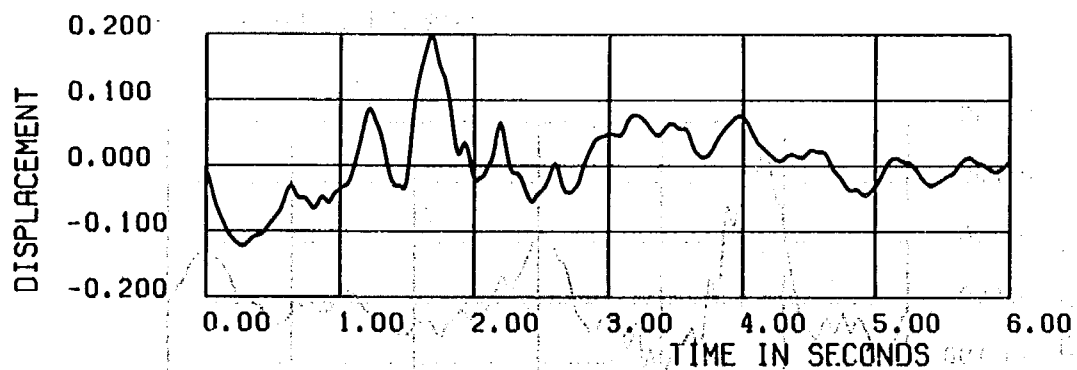
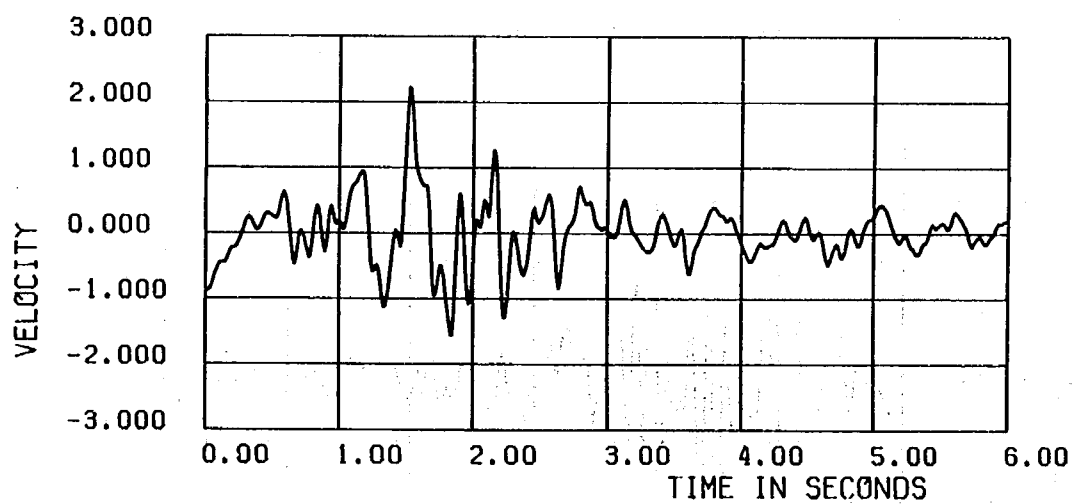
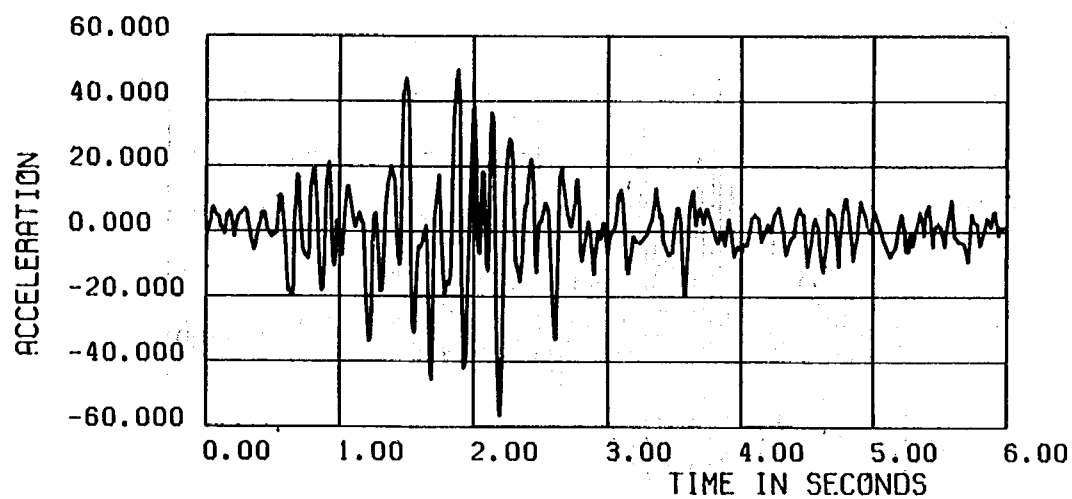
D-20 YUDA 8-2-X



S-S-B AGTY 55-0
D-21 YUDA 8-2-Y

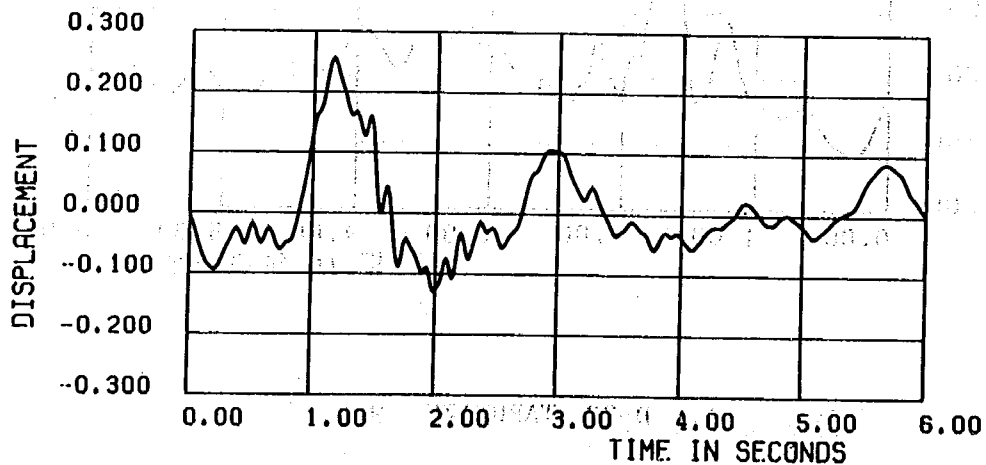
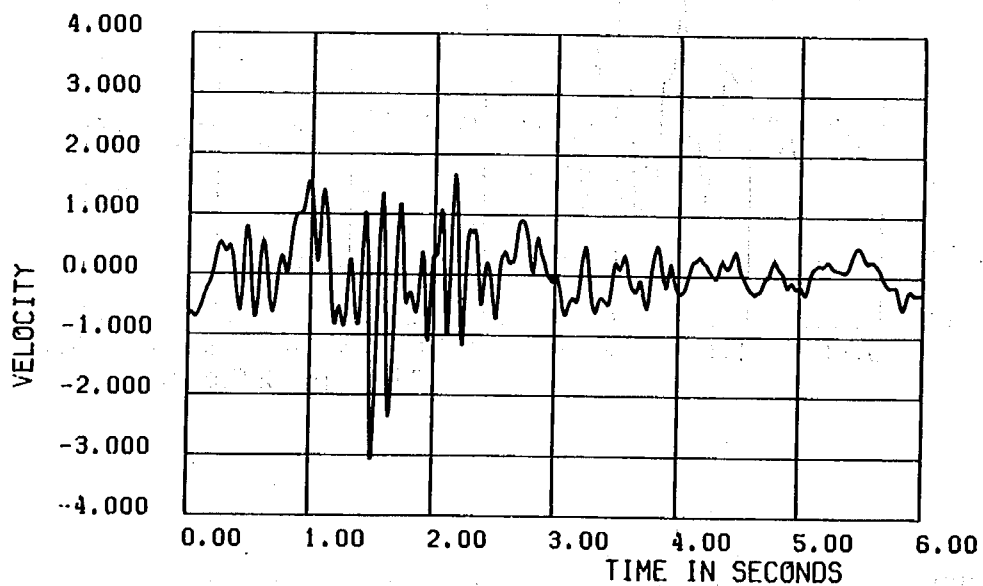
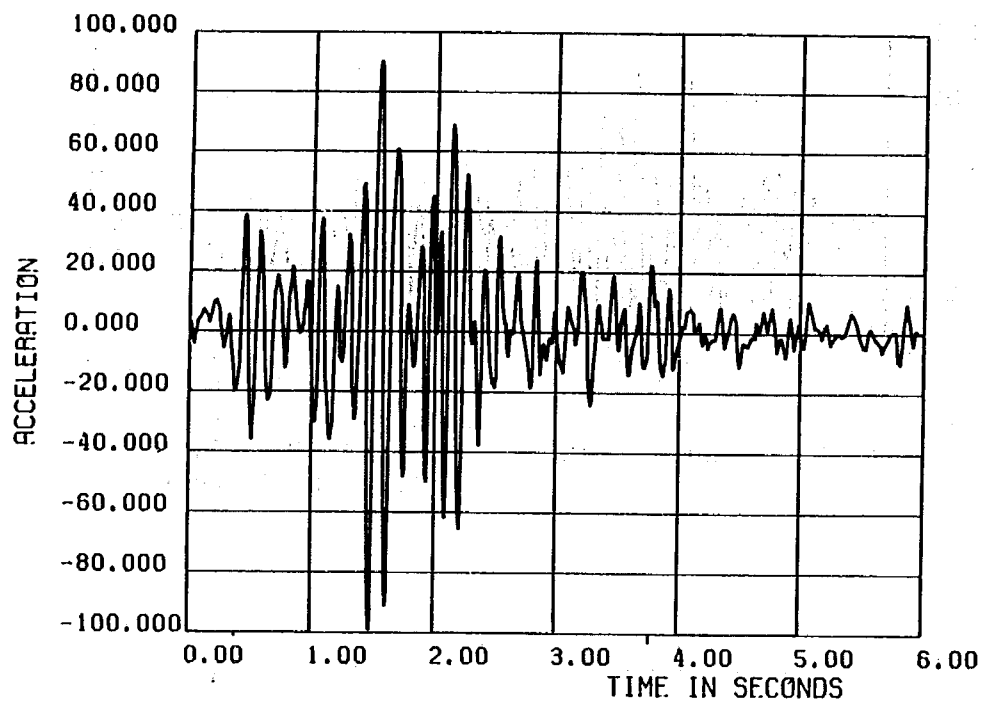


D-22 YUDA 8-2-Z

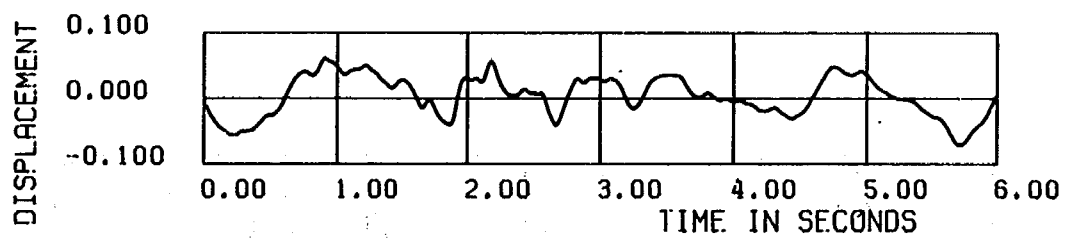
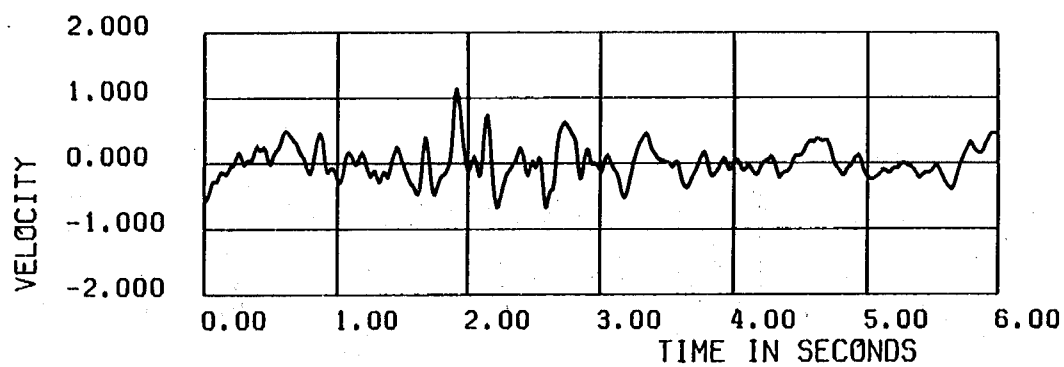
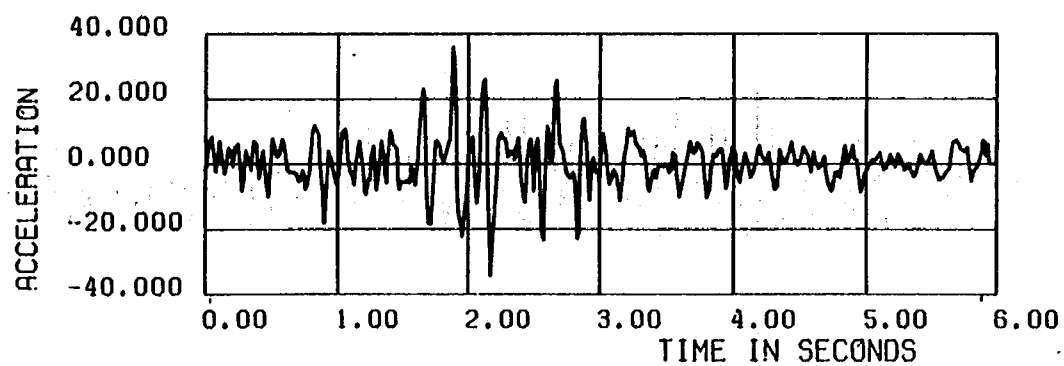


00.0 00.0 00.0 D-23 TARUMIZU 9-X 00.0
 00.0 00.0 00.0

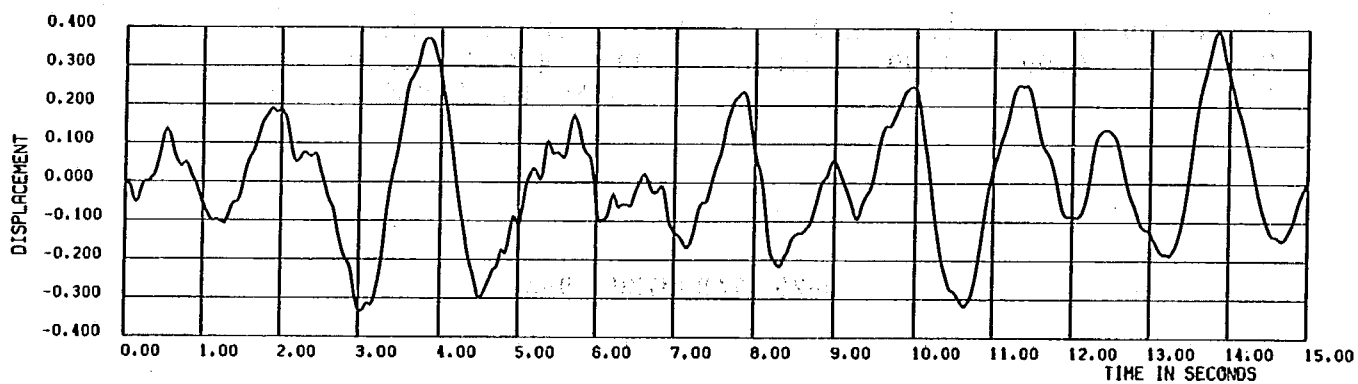
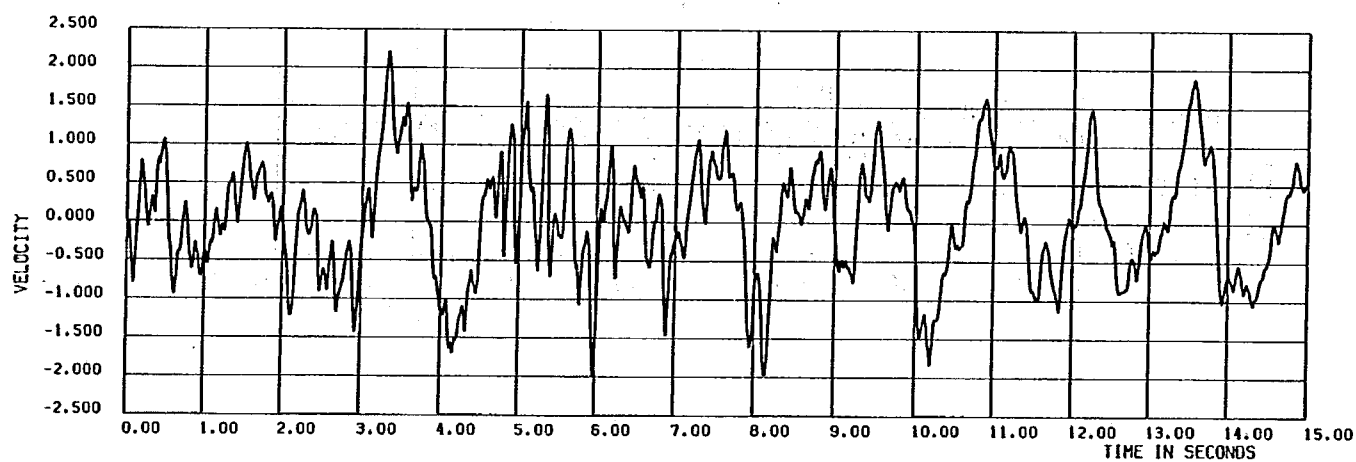
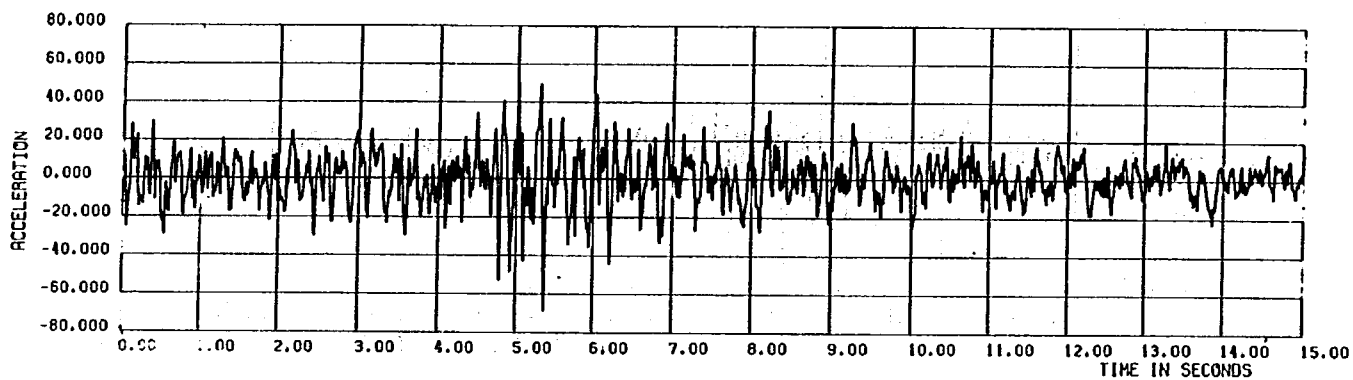
Y-Y UNIMODAL AS-0



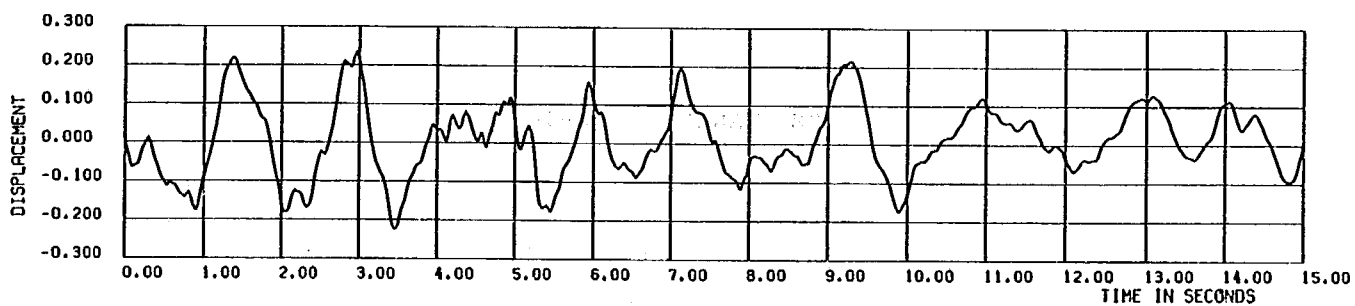
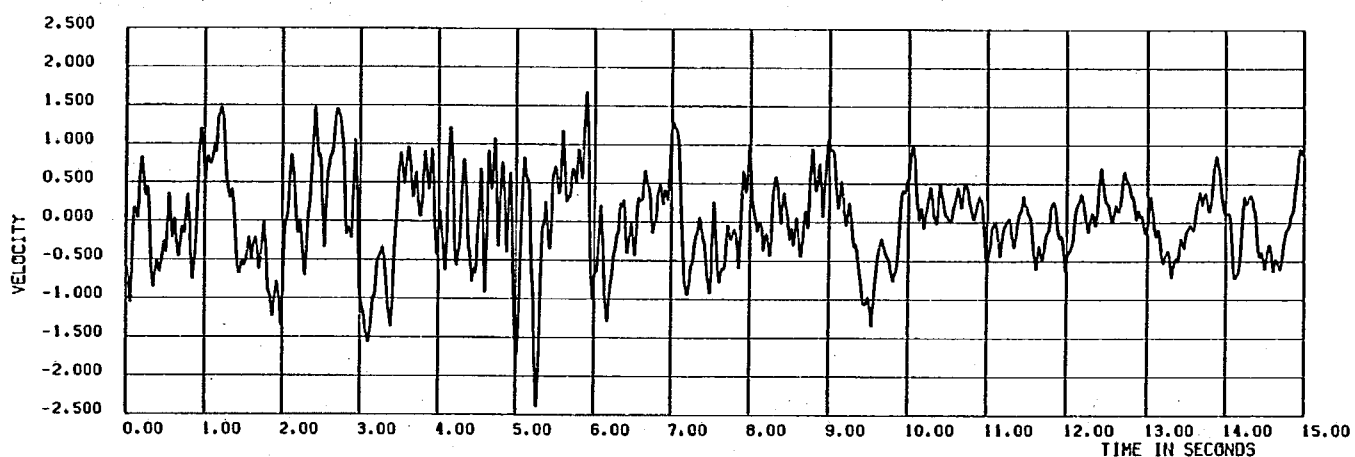
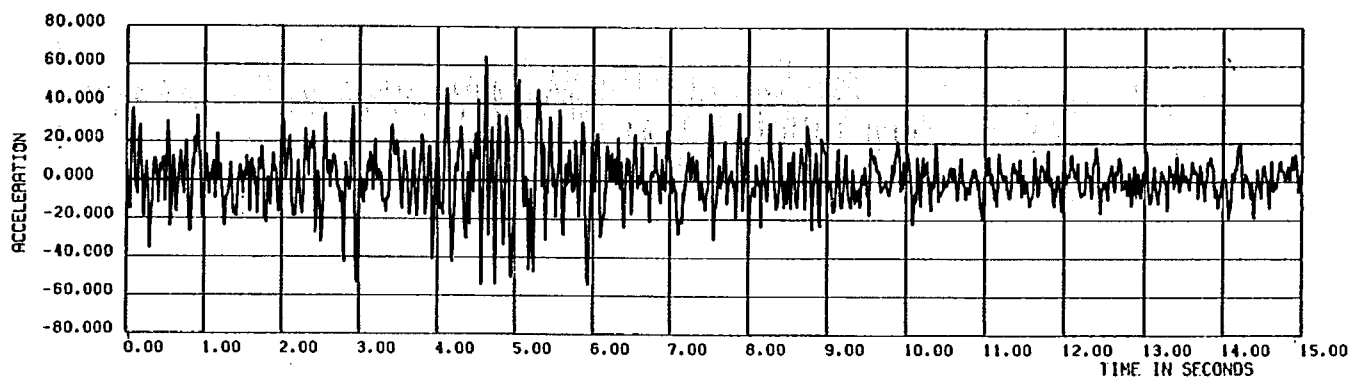
D-24 TARUMIZU 9-Y



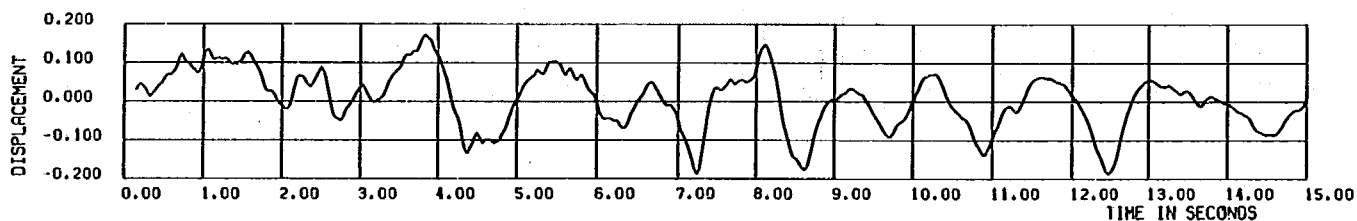
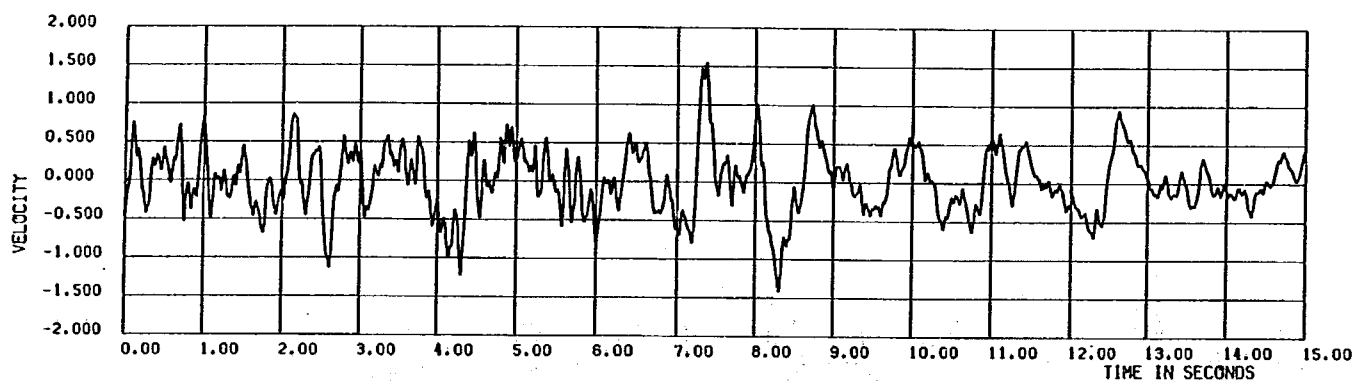
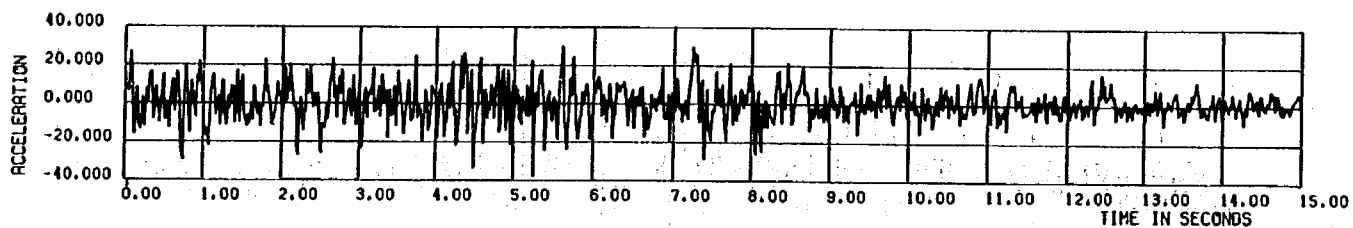
D-25 TARUMIZU 9-Z



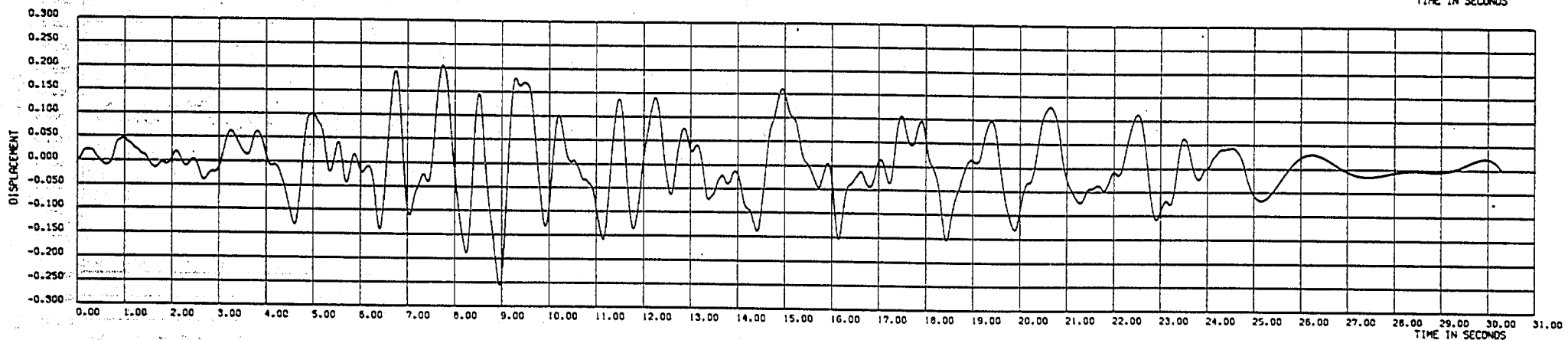
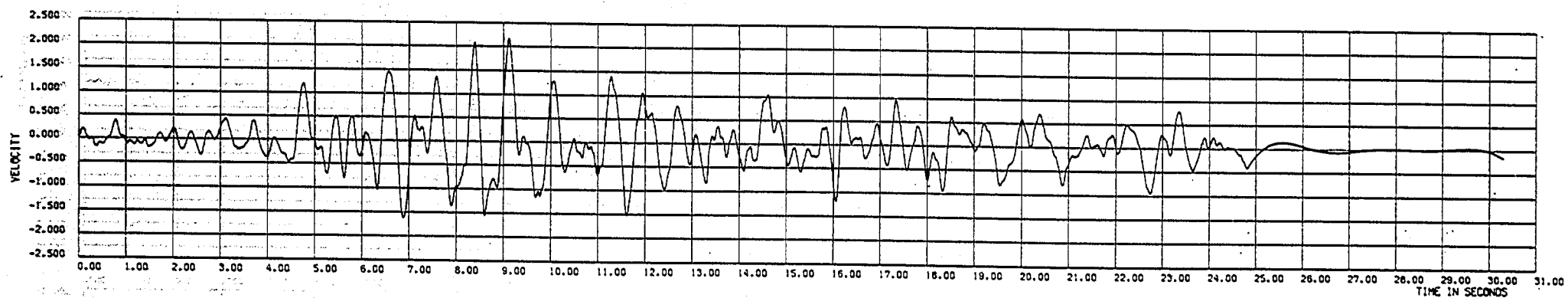
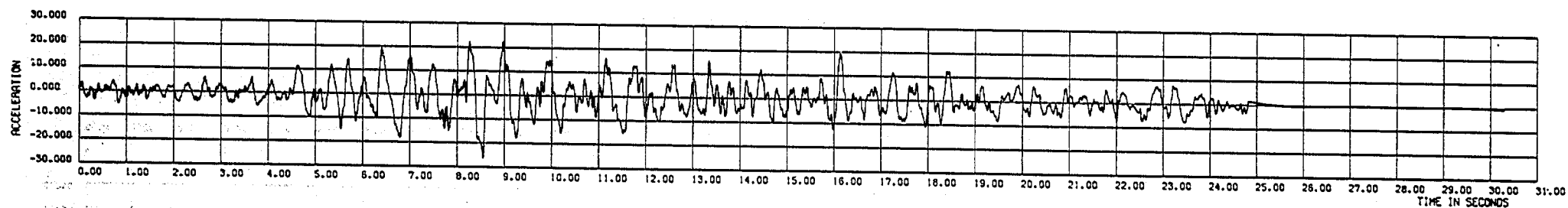
D-26 NARUKO 10-1-X



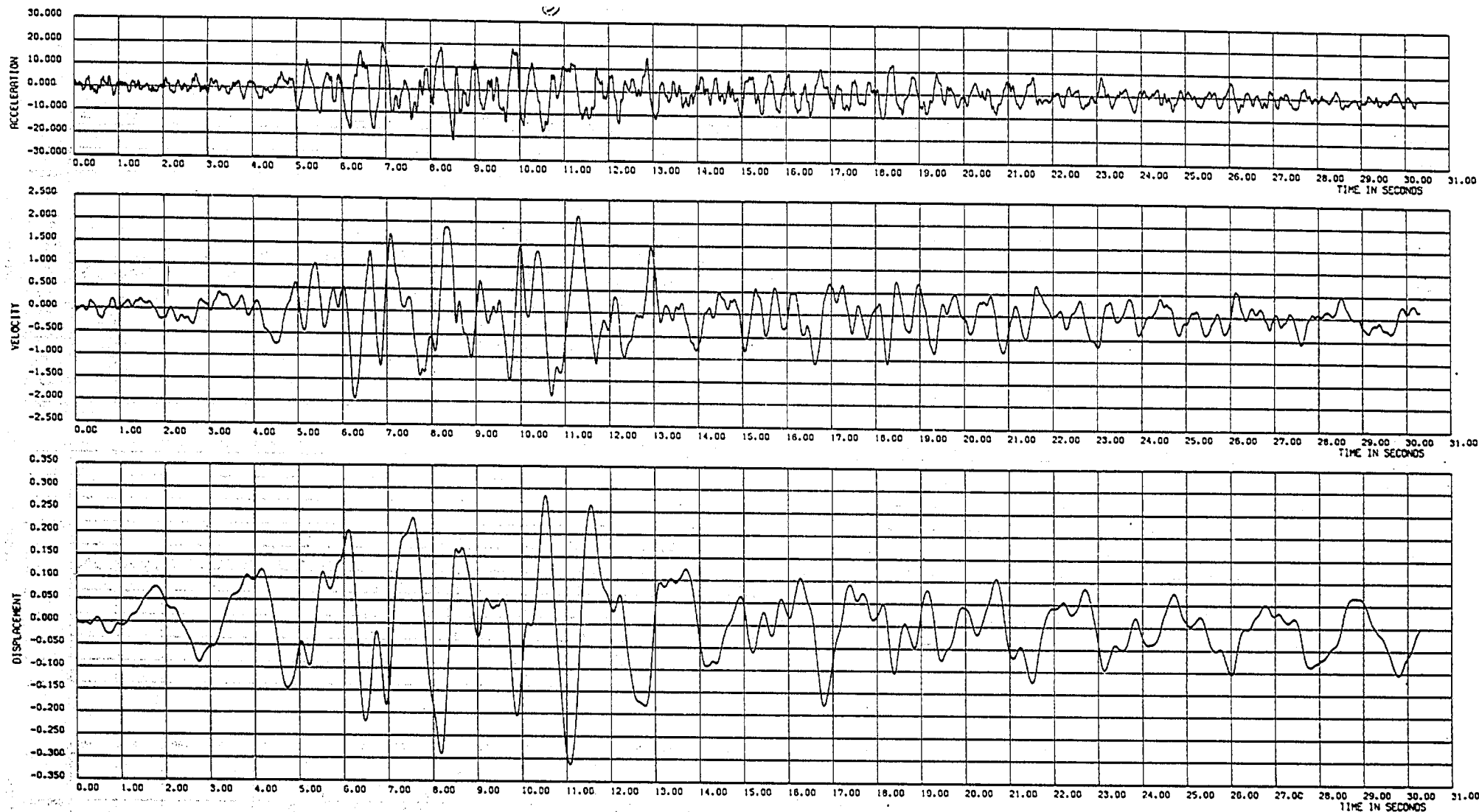
D-27 NARUKO 10-1-Y



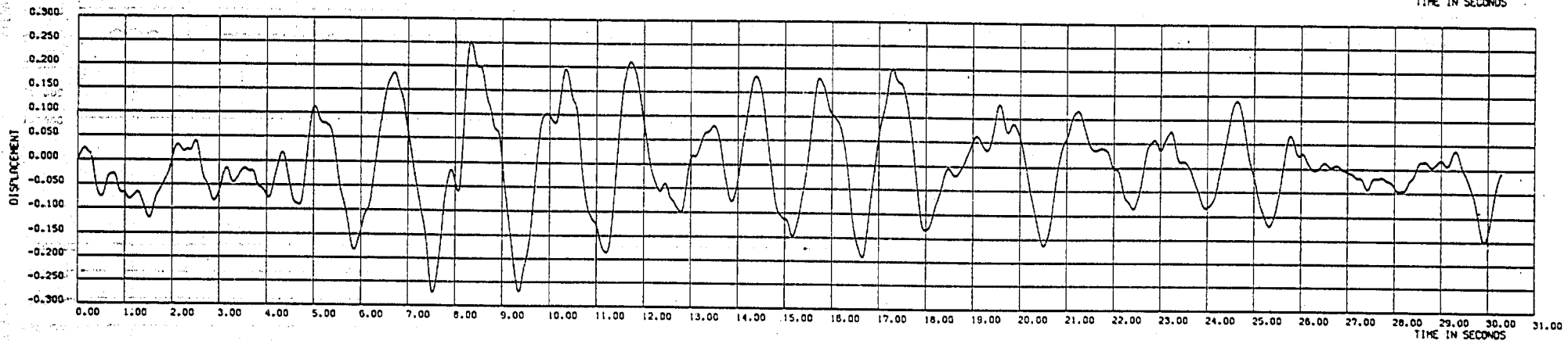
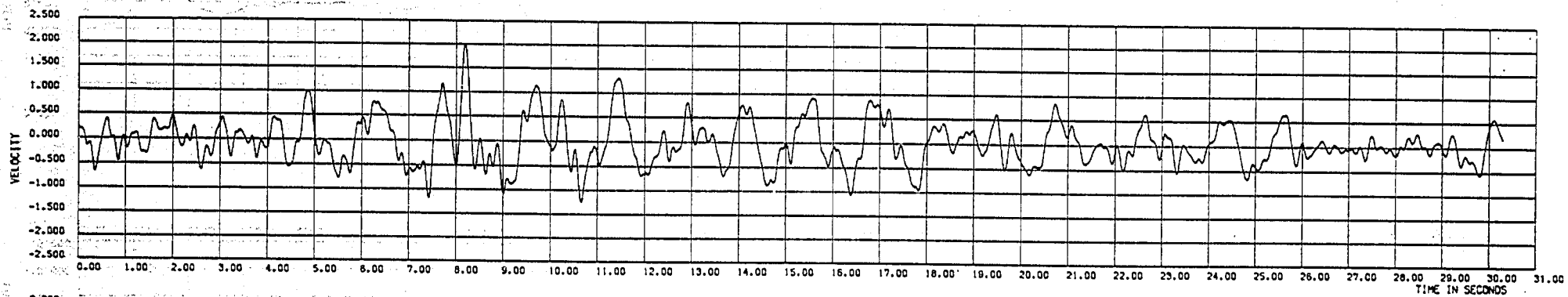
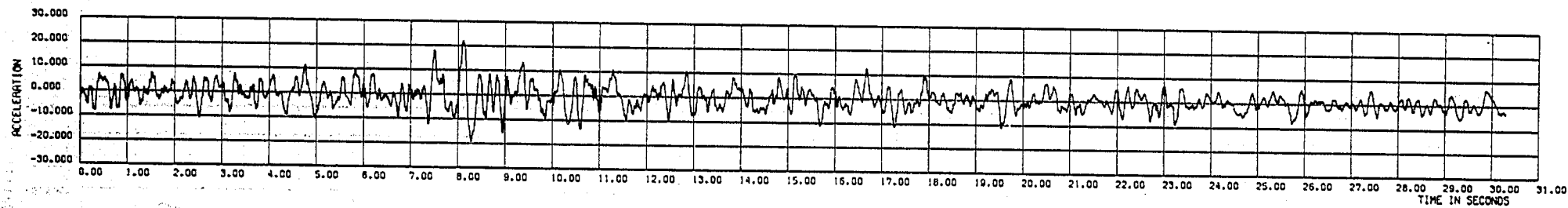
D-28 NARUKO 10-1-Z



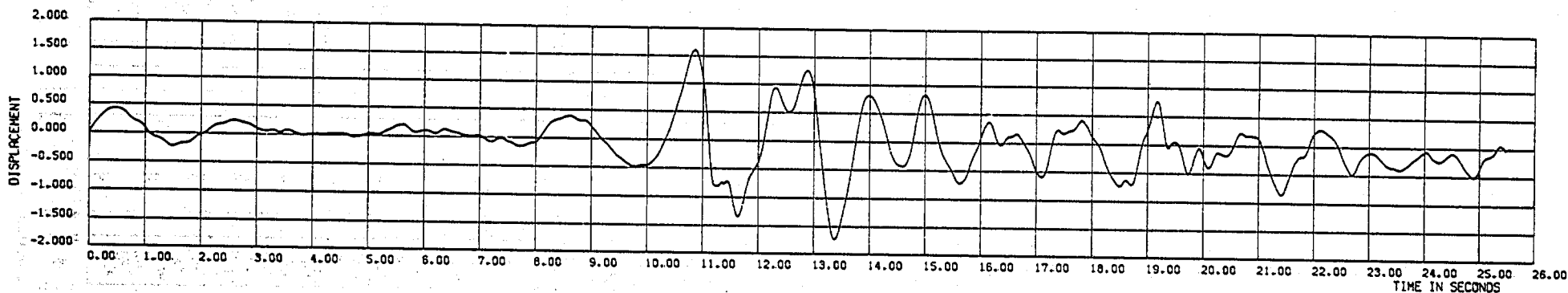
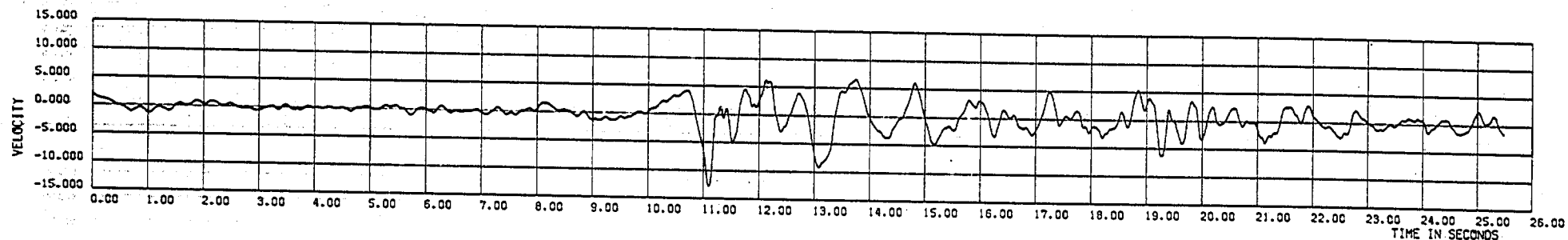
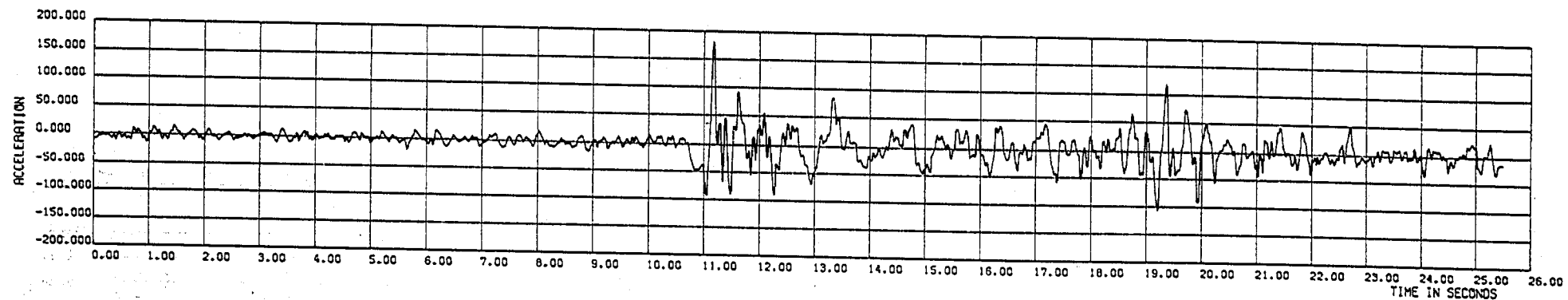
D-29 YUDA 10-2-X



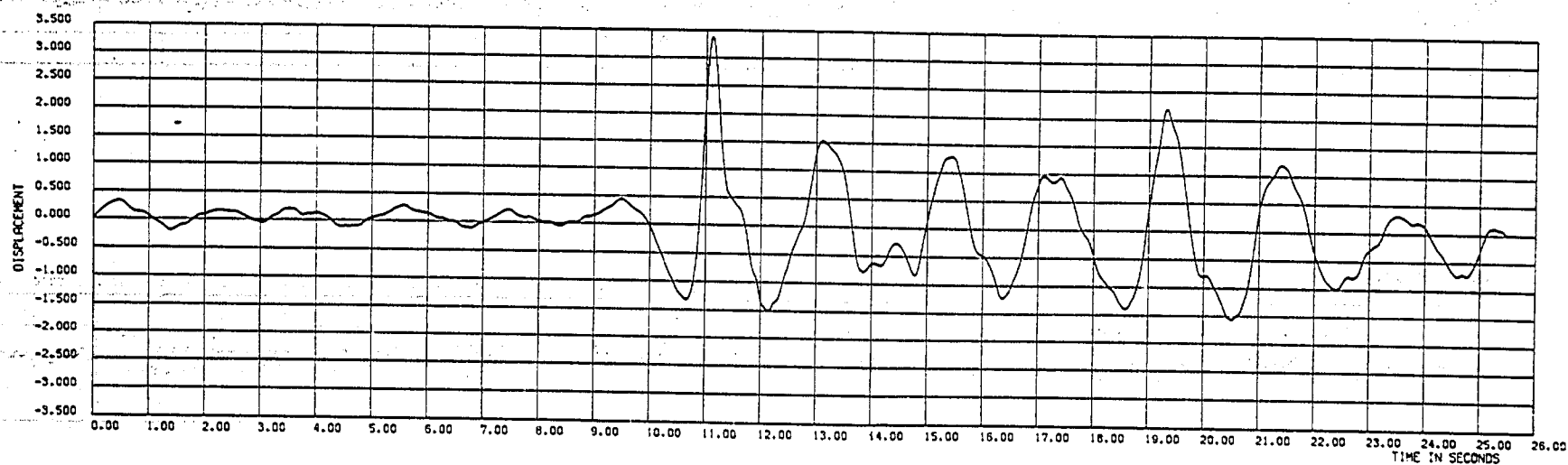
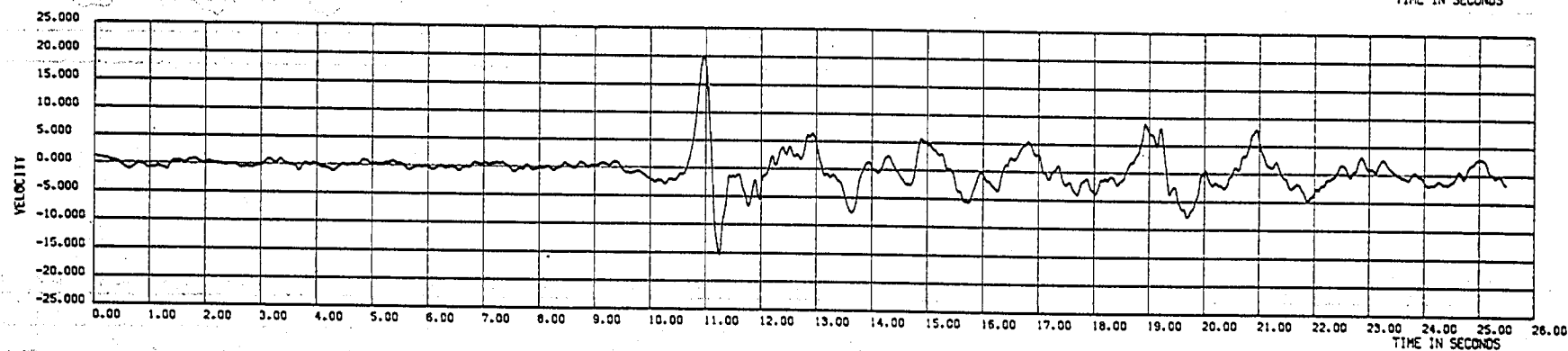
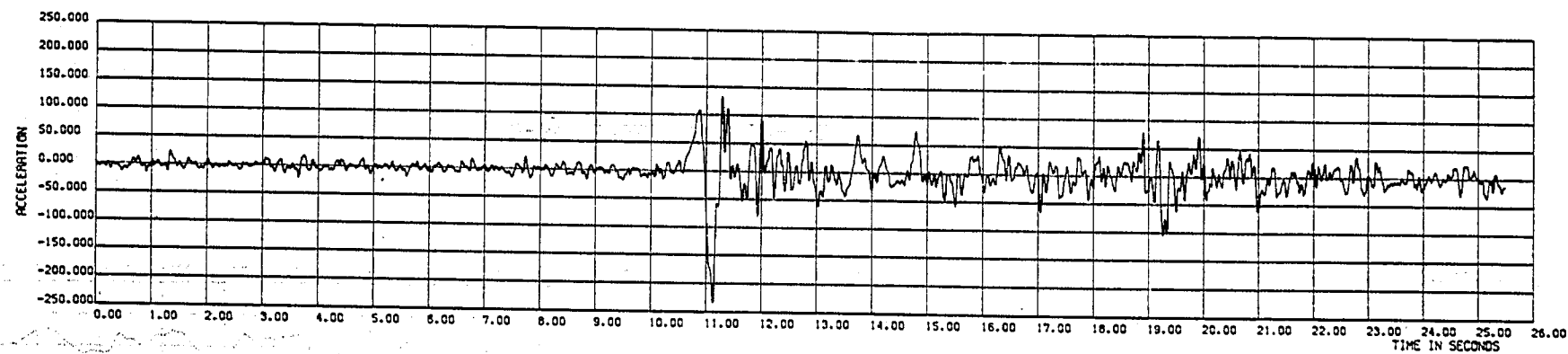
D-30 YUDA 10-2-Y

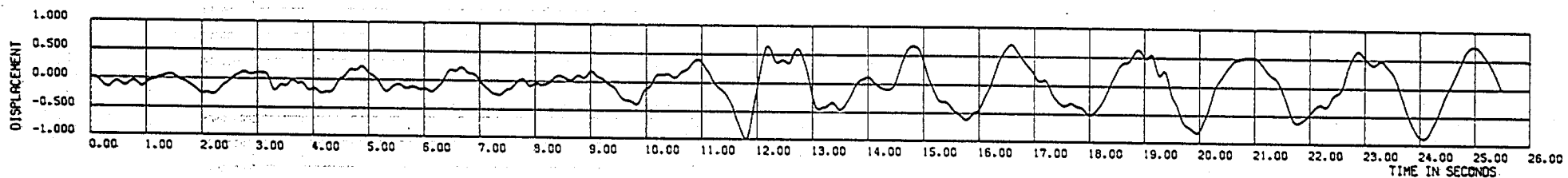
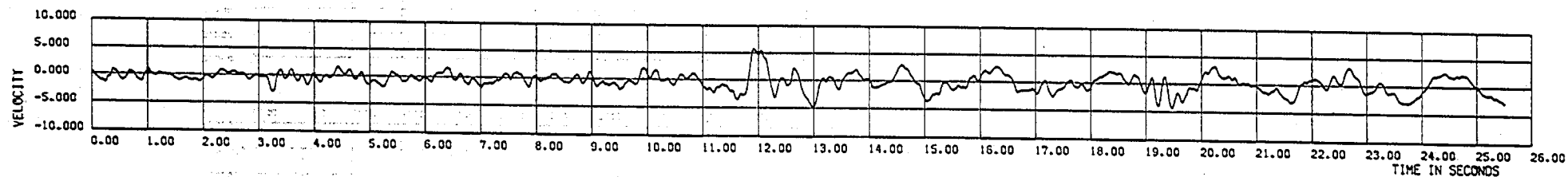
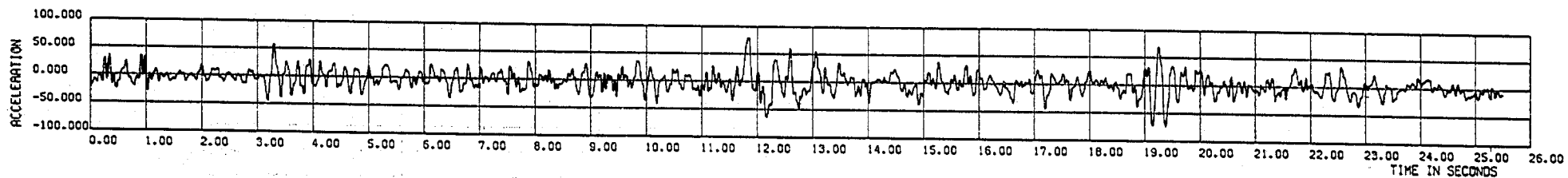


D-31 YUDA 10-2-Z

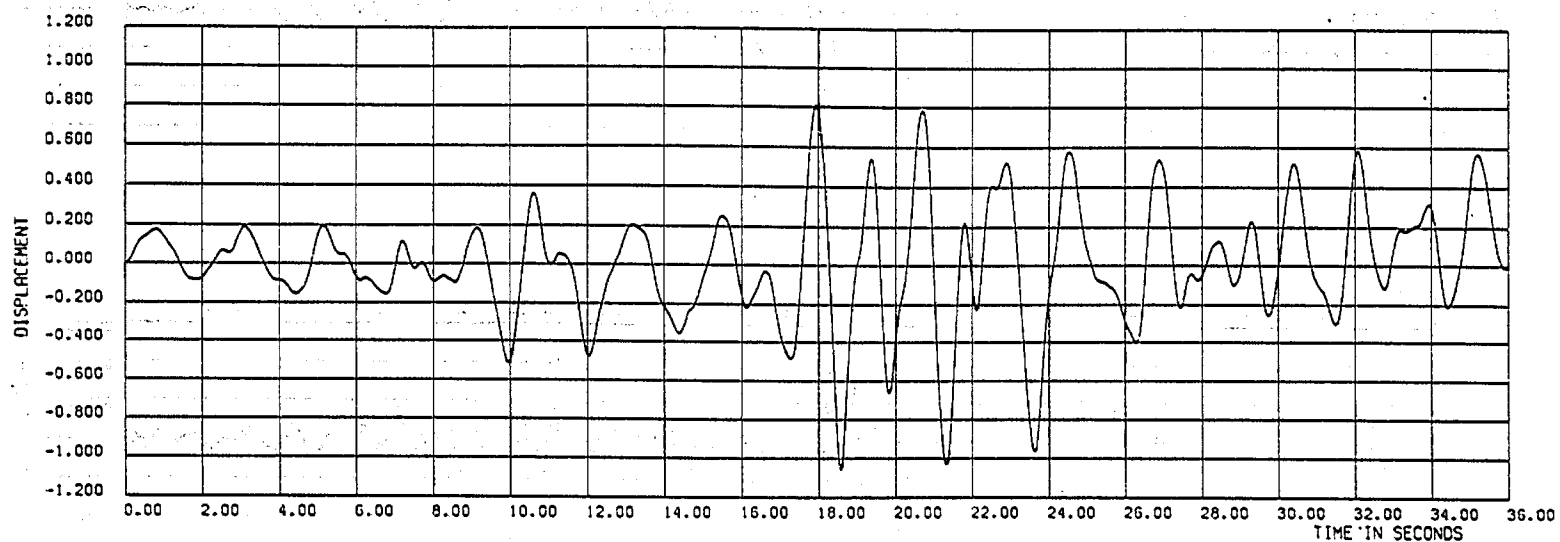
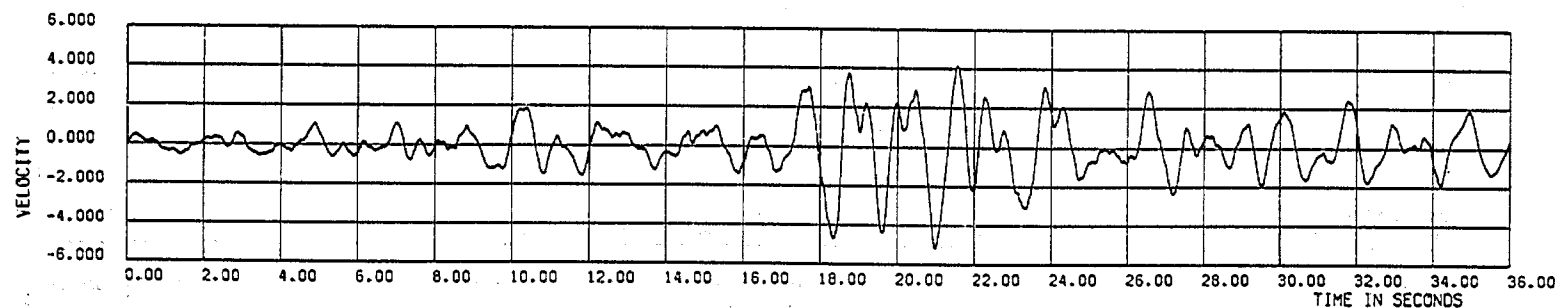
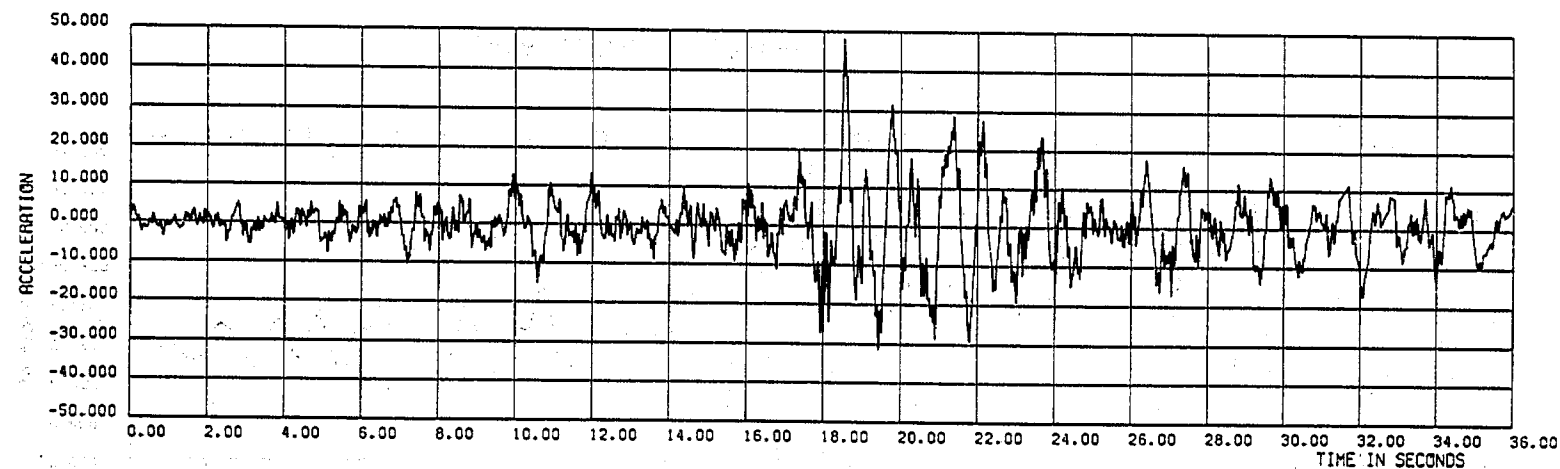


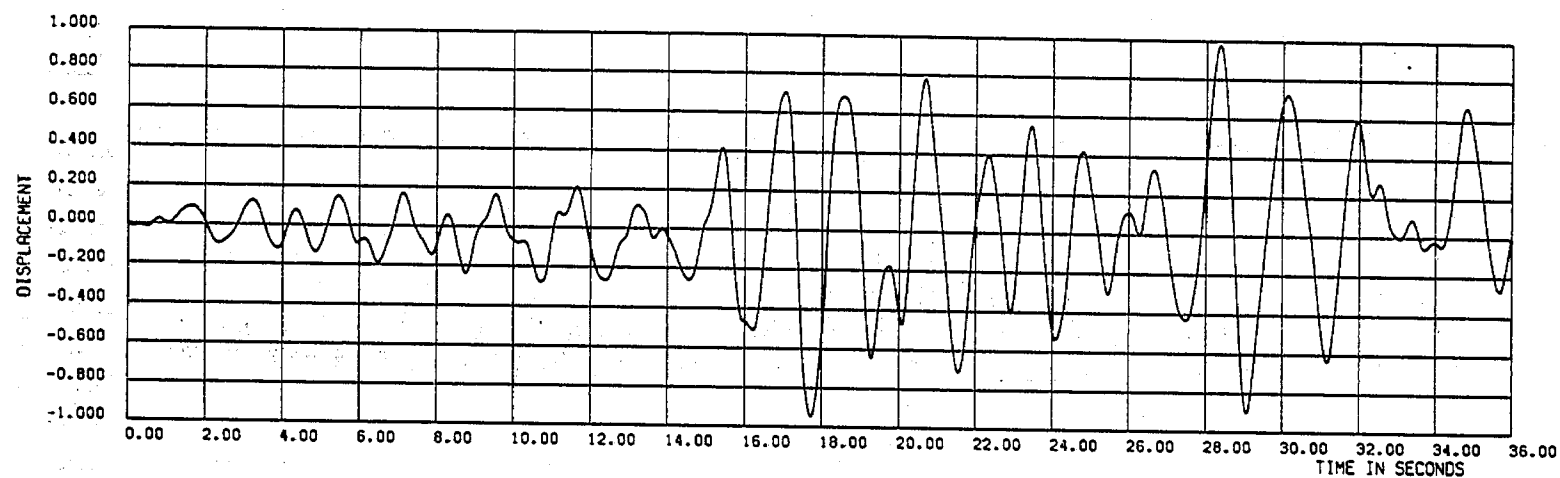
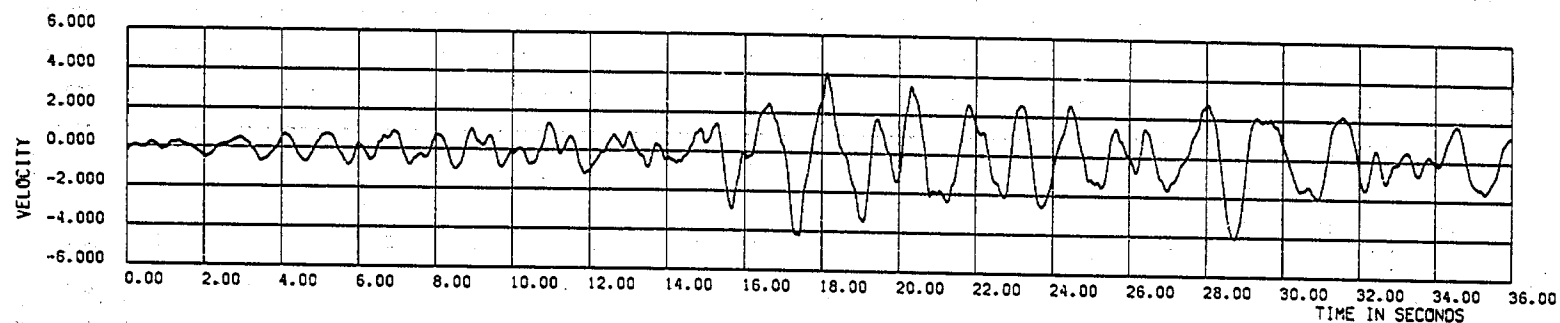
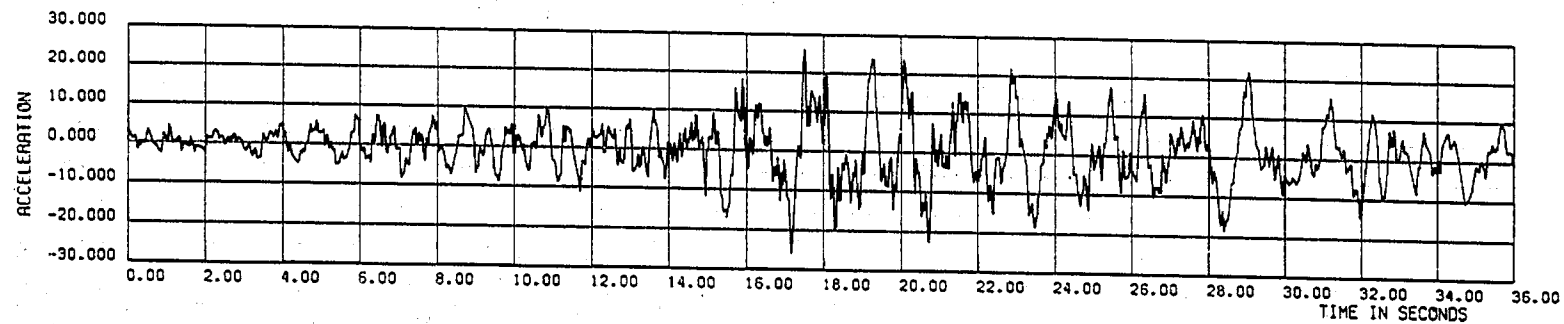
D-32 TARUMIZU 10-3-X



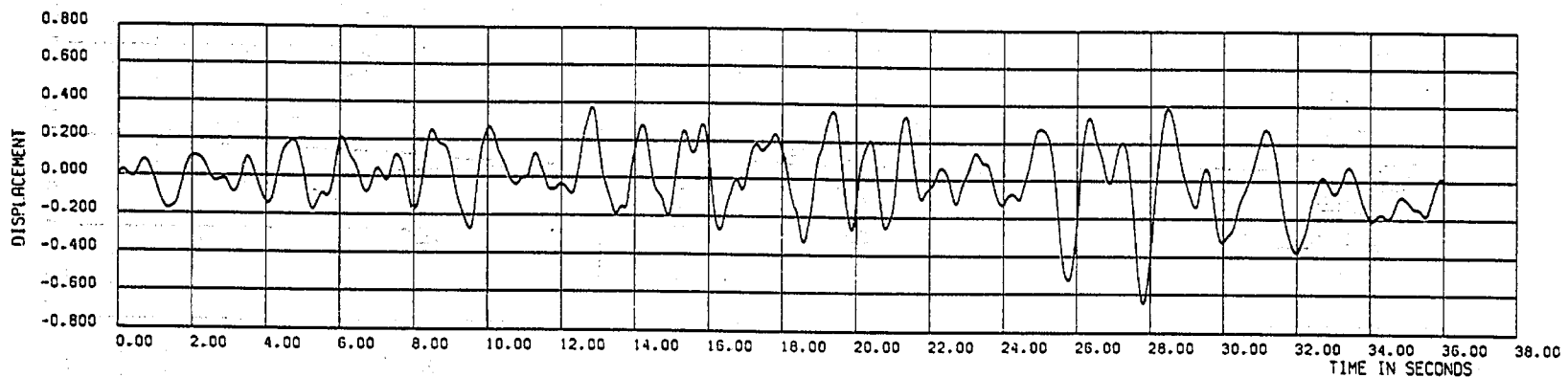
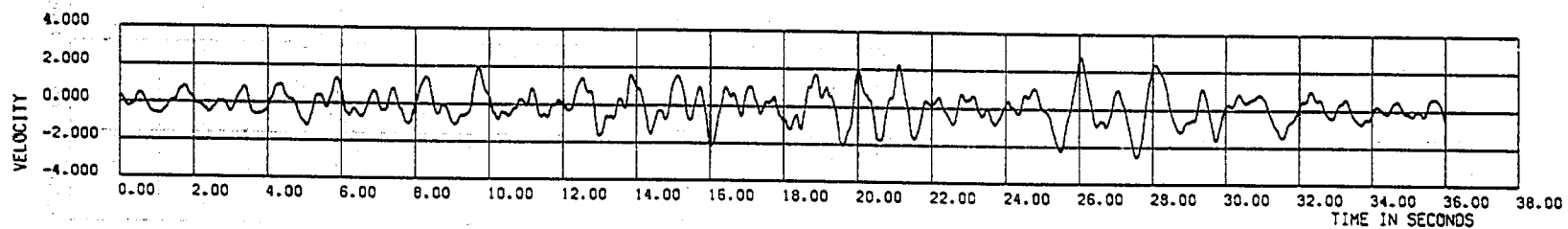
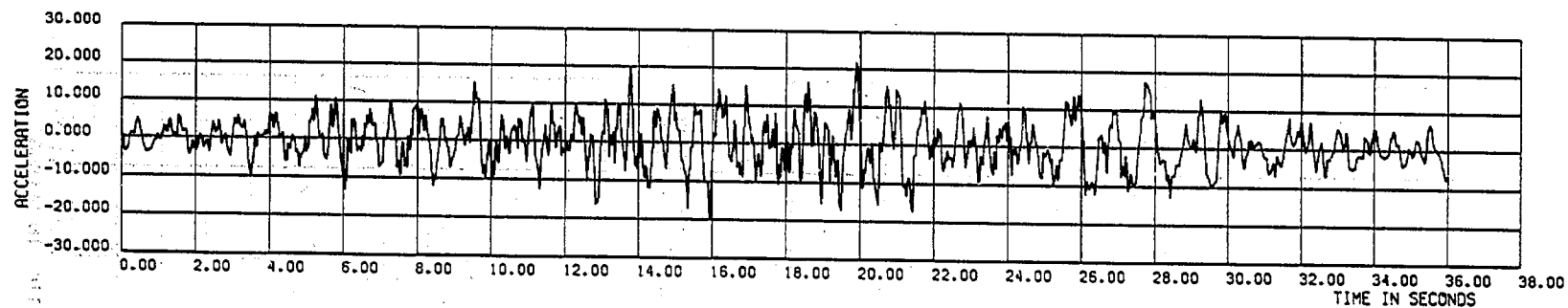


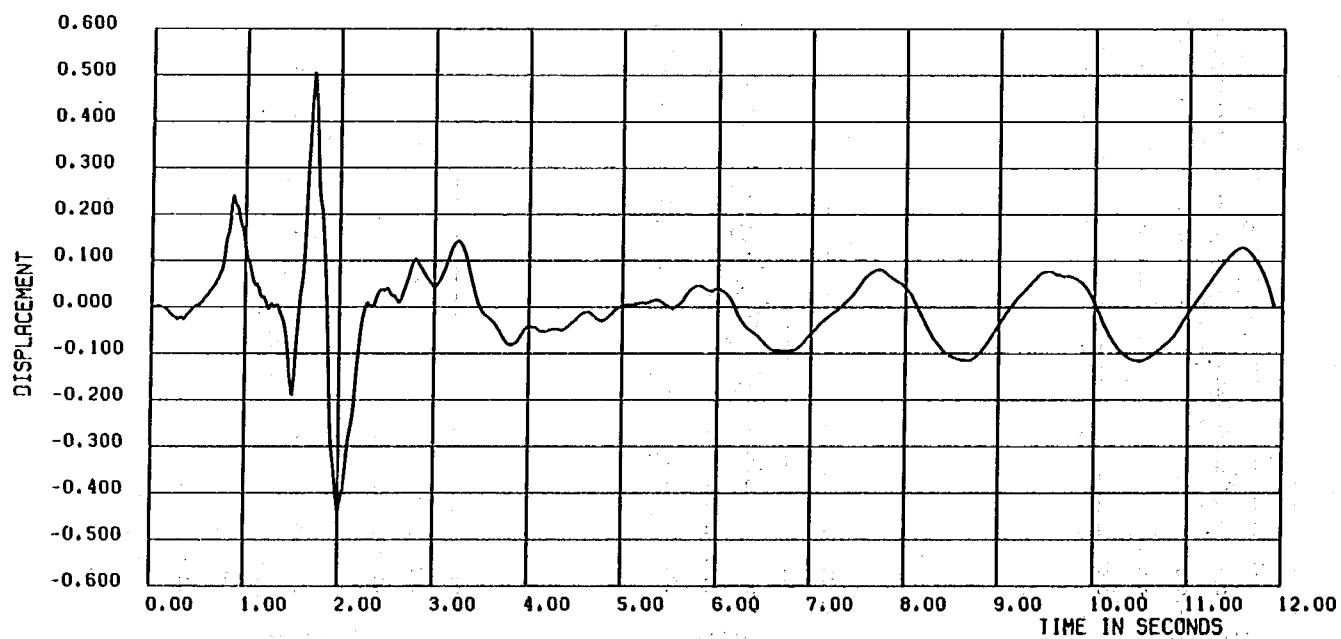
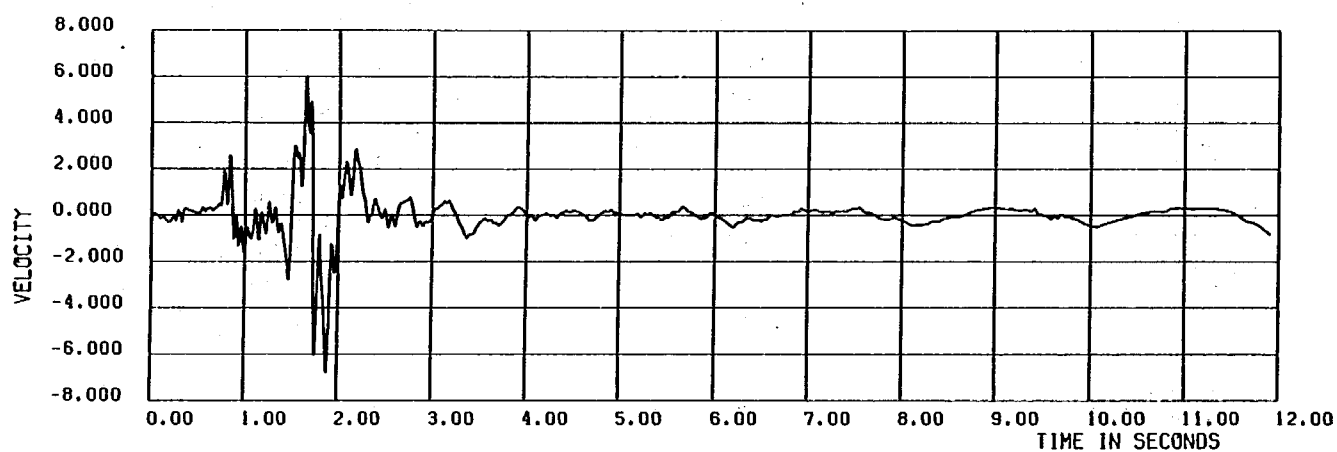
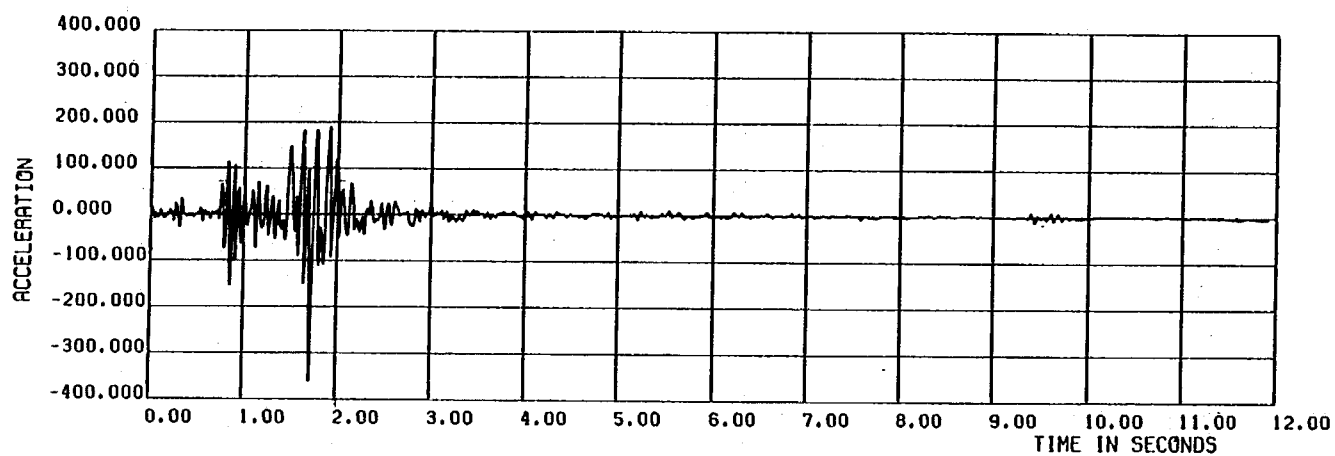
D-34 TARUMIZU 10-3-Z



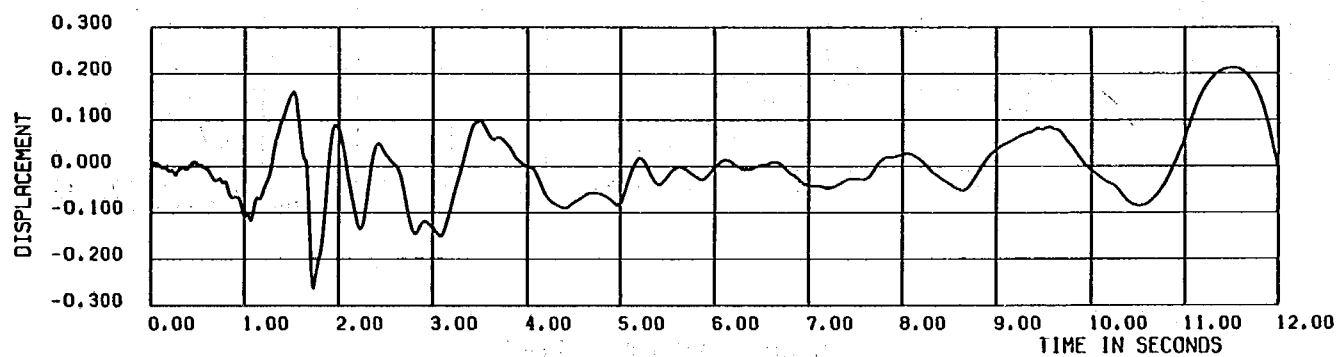
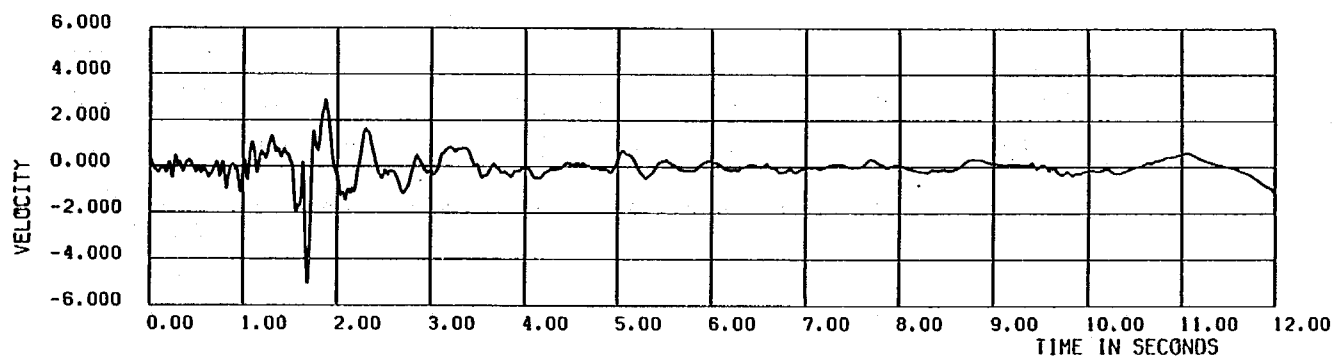
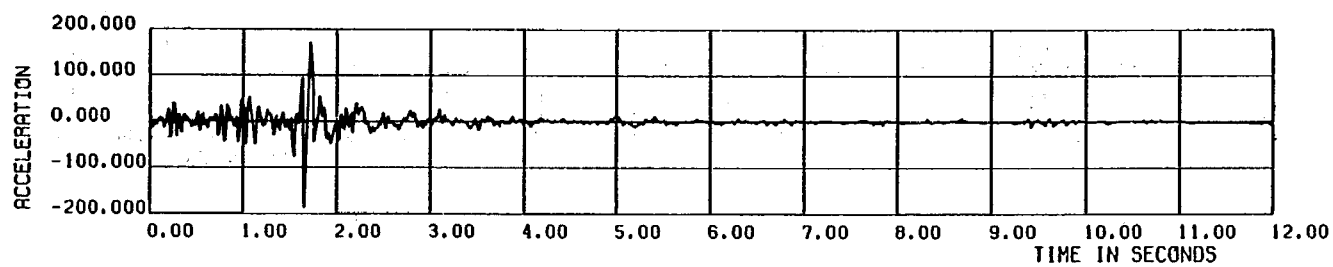


D-36 MINASE 10-4-Y

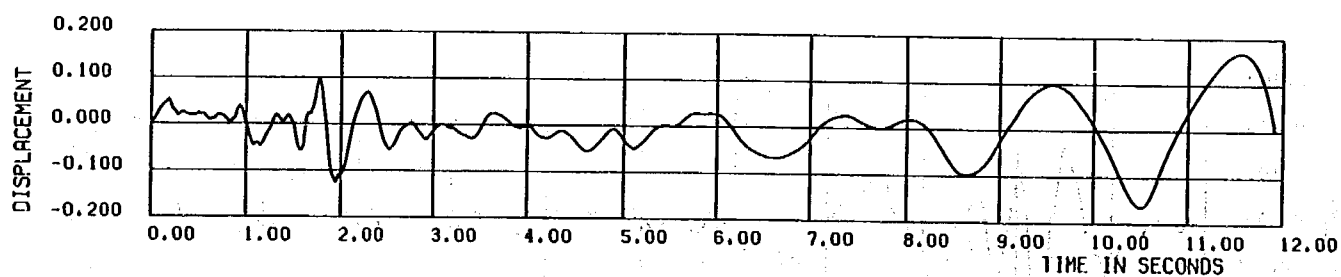
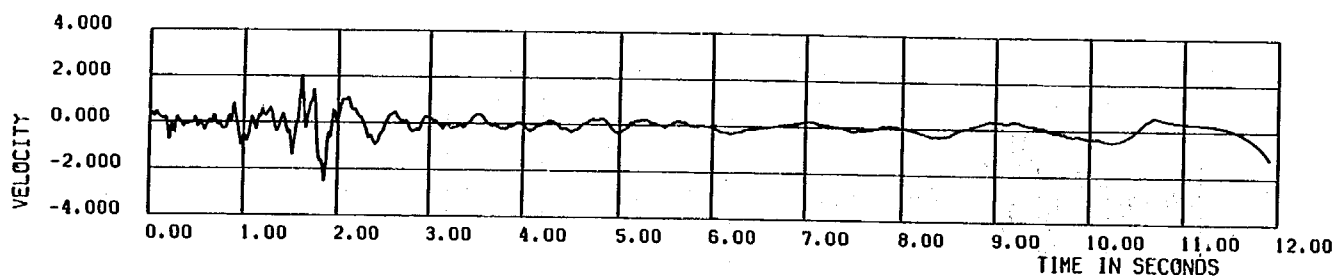
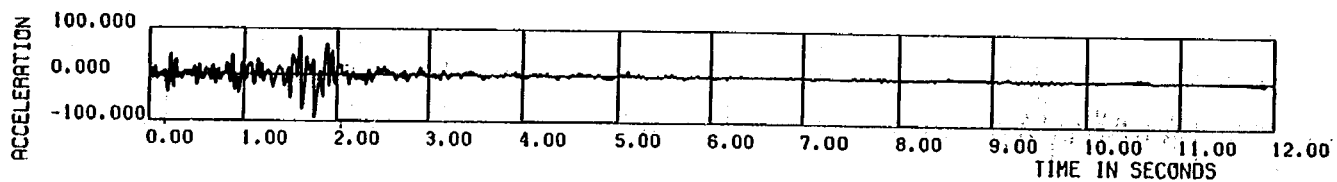




D-38 TSURUTA 11-X

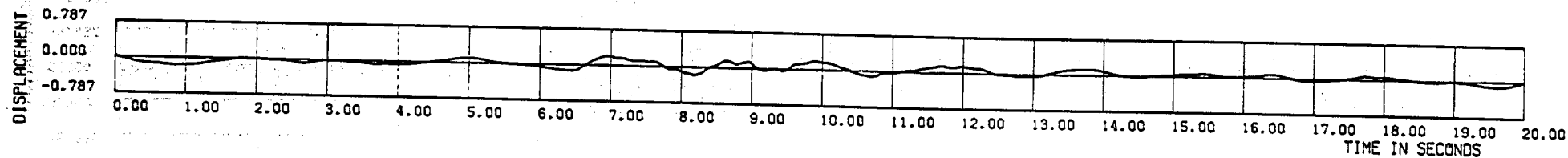
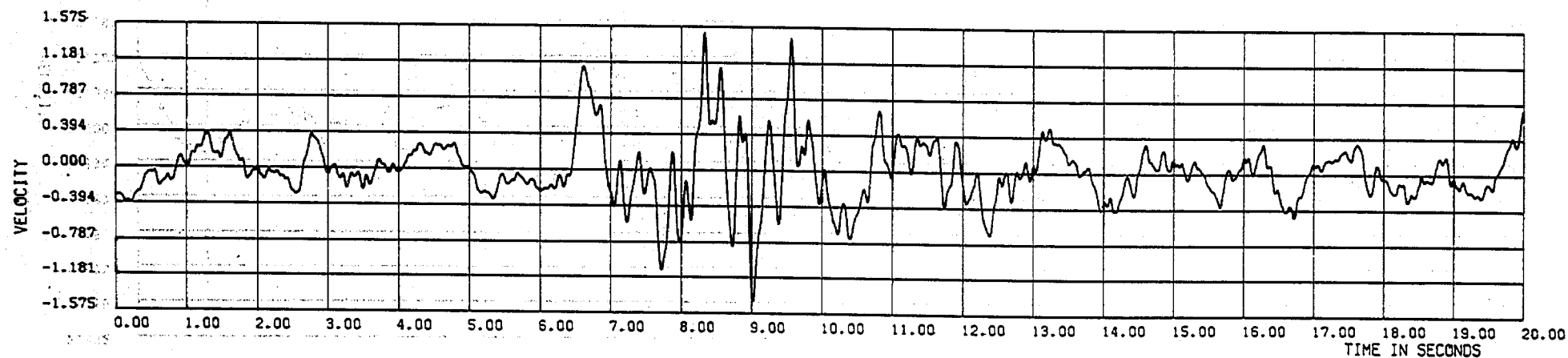
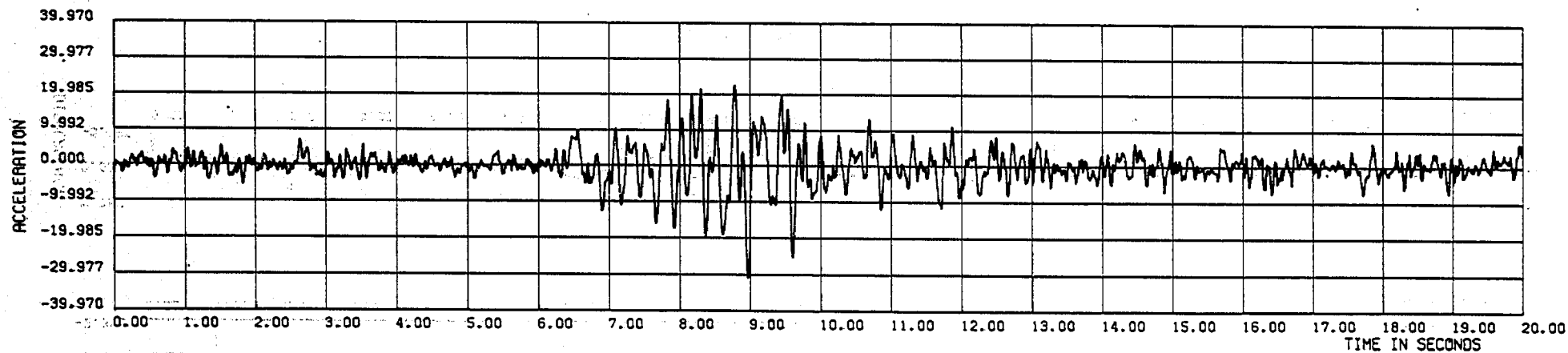


D-39 TSURUTA 11-Y



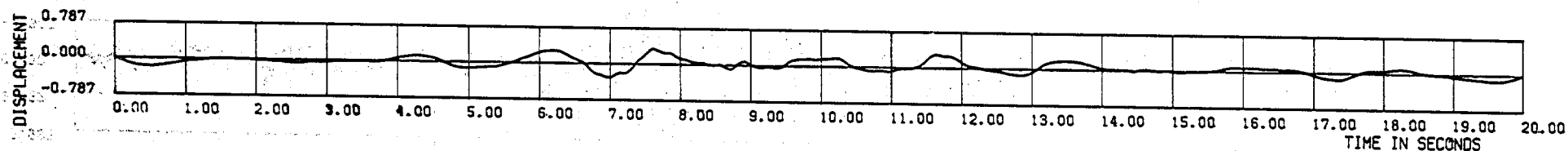
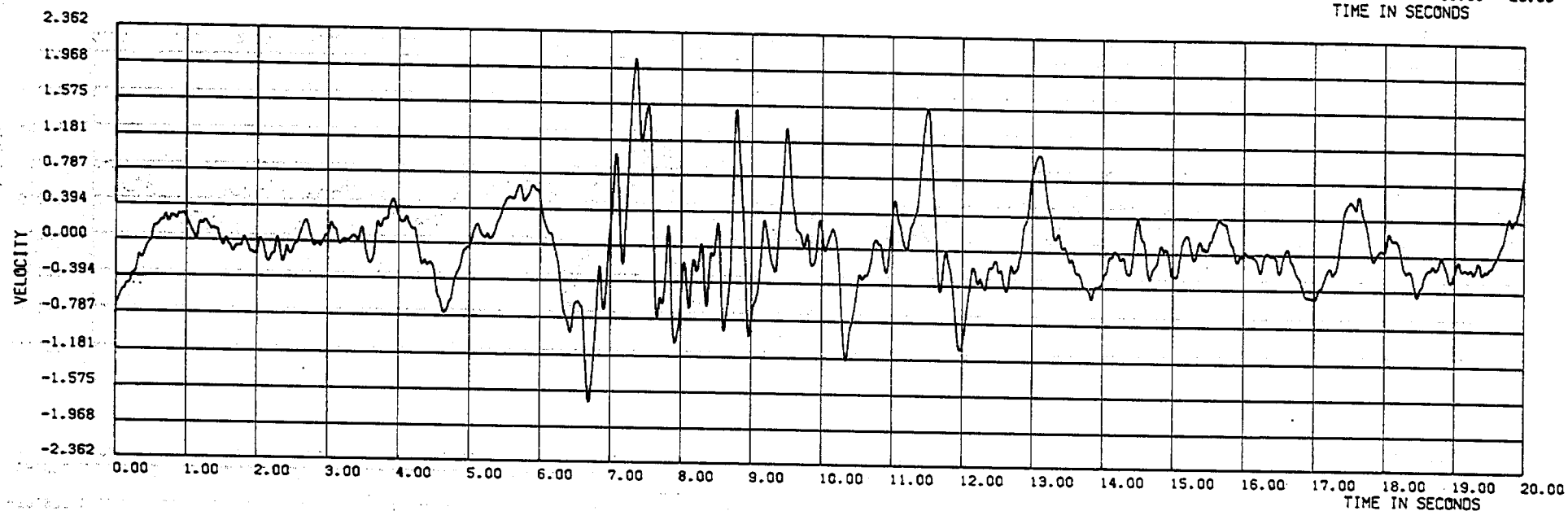
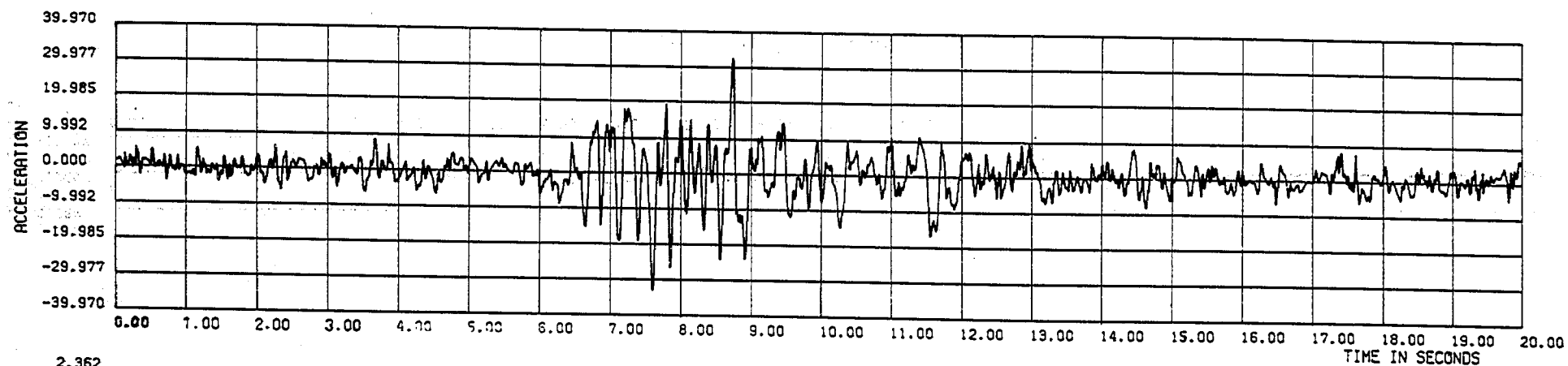
D-40 TSURUTA 11-Z

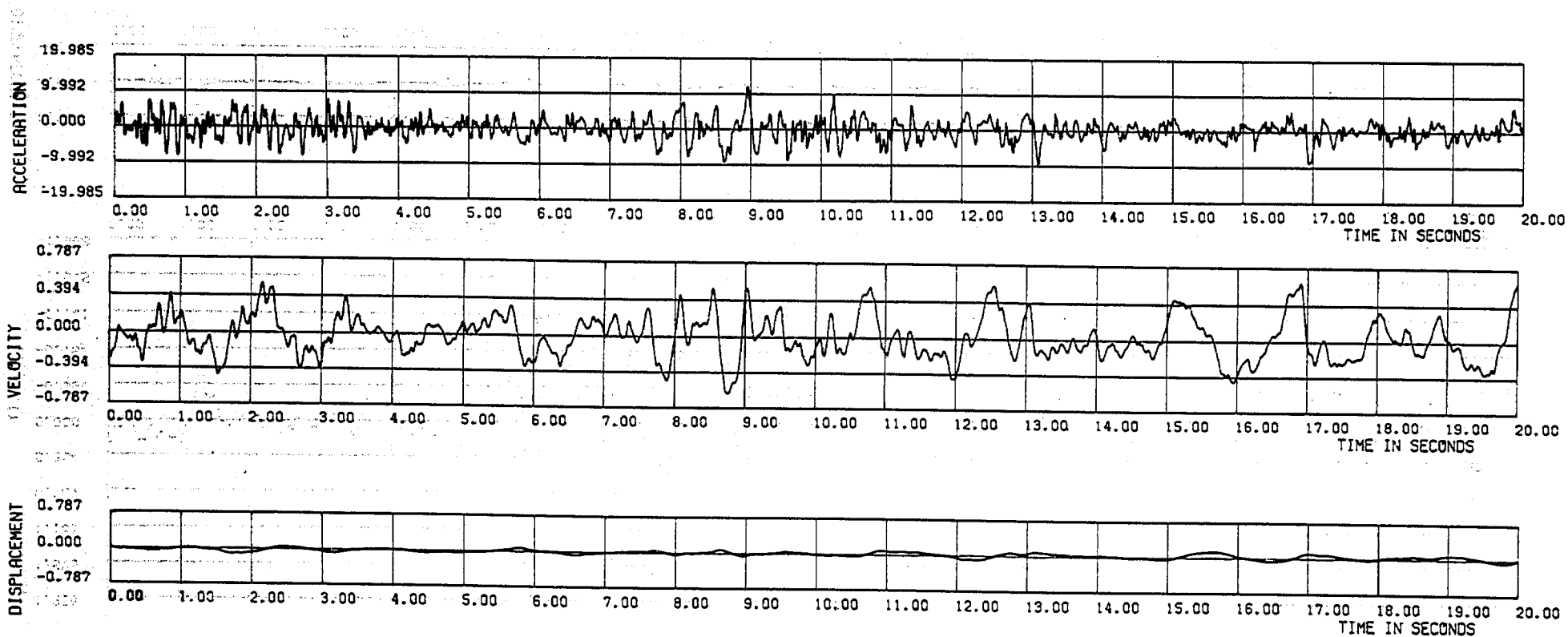
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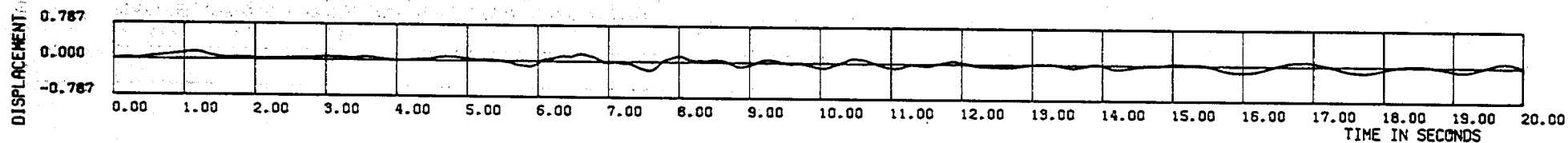
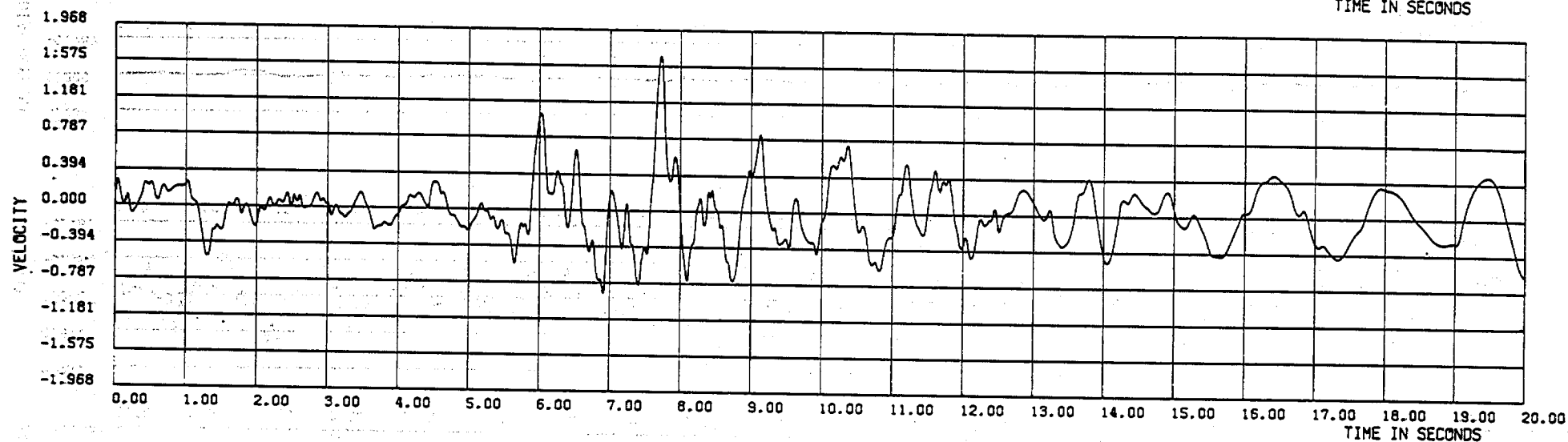
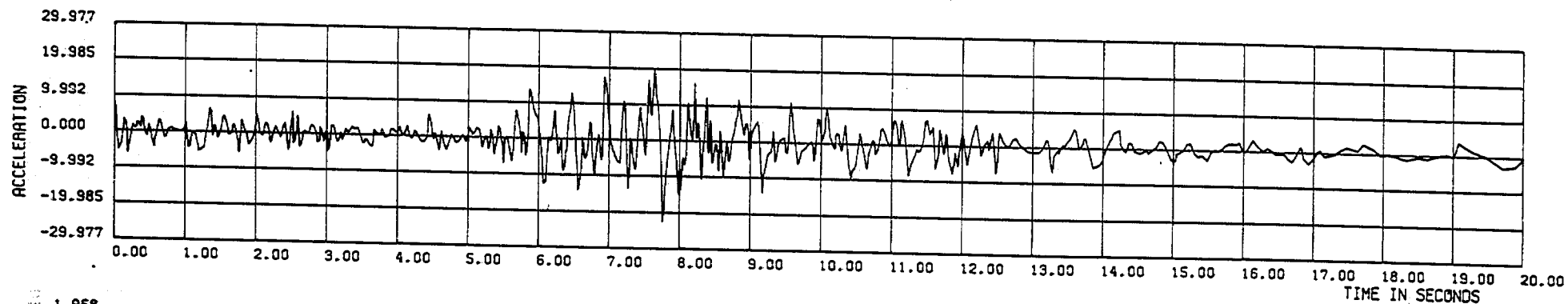
- 147 -

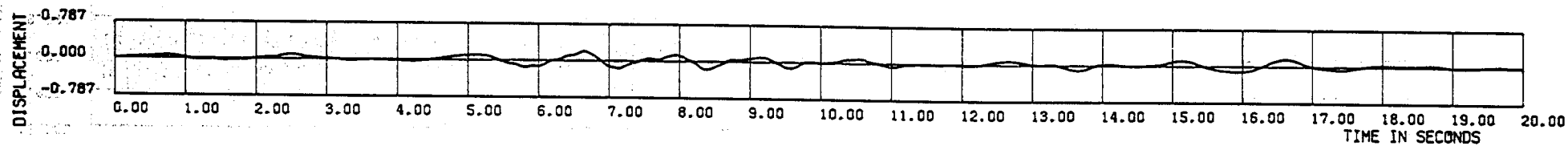
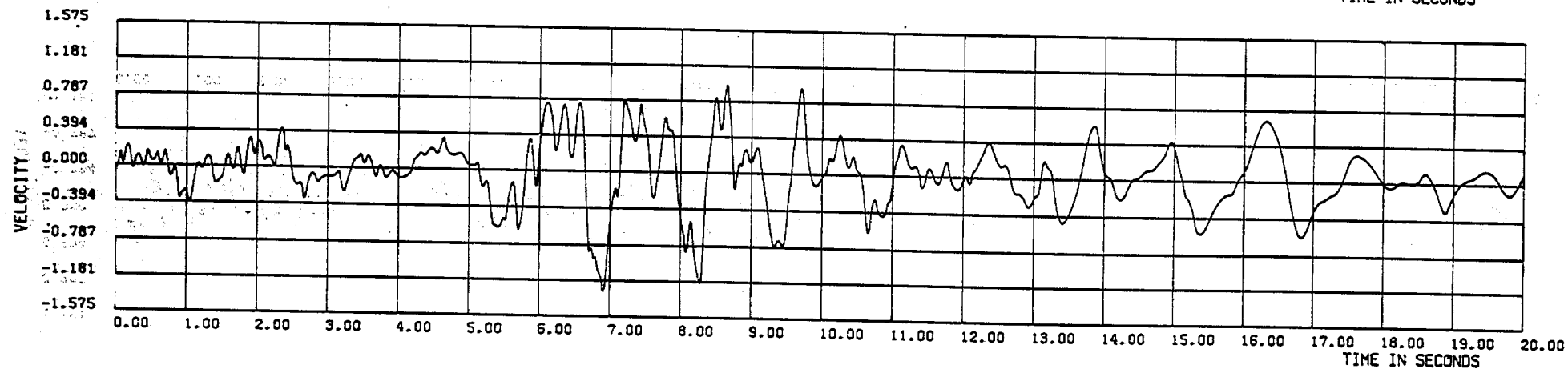
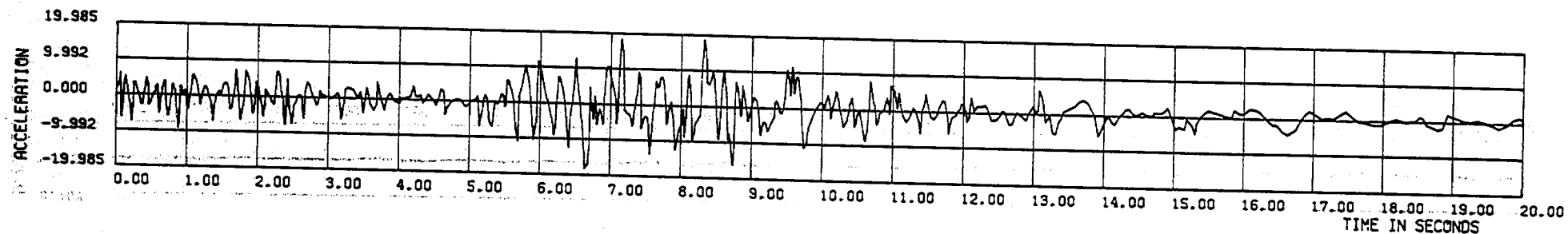
D-41 MIHO 12-1-X



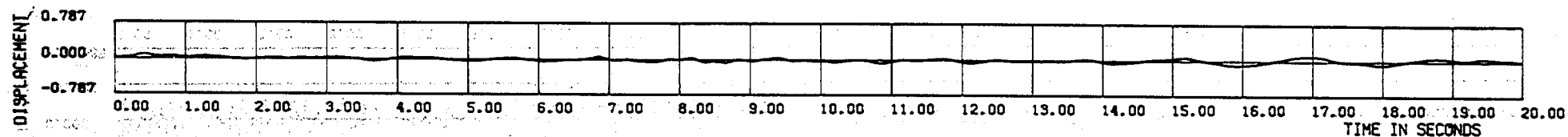
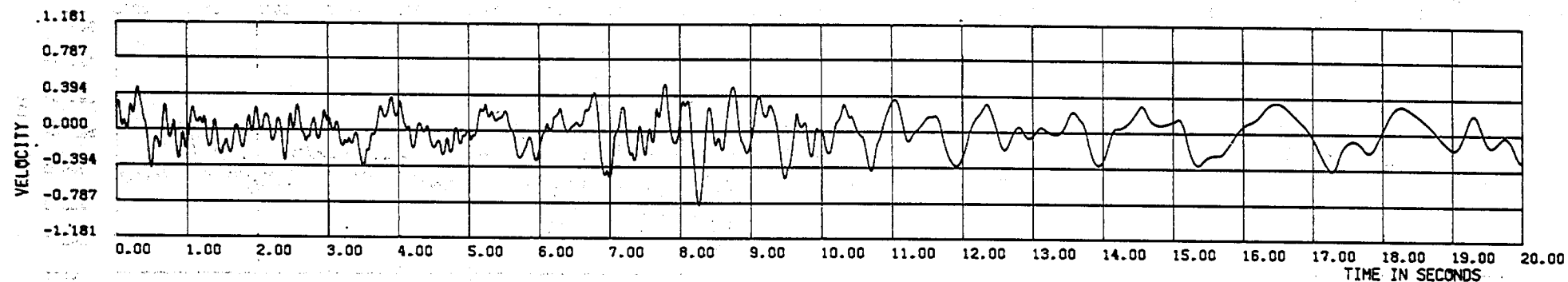
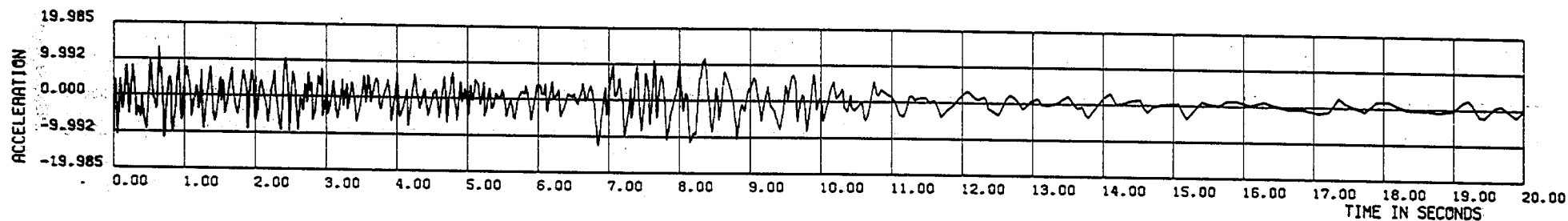


D-43 MIHO 12-1-Z

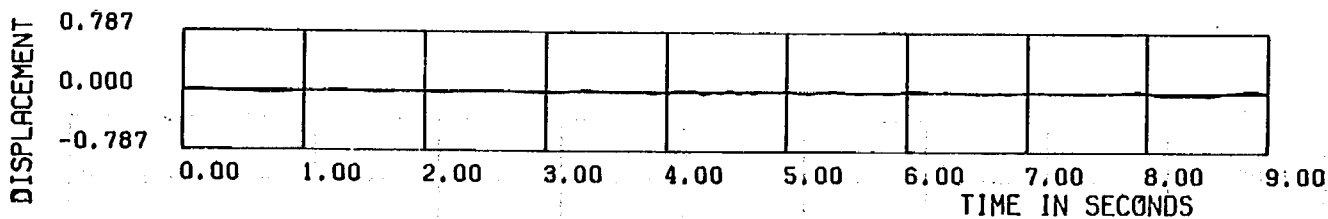
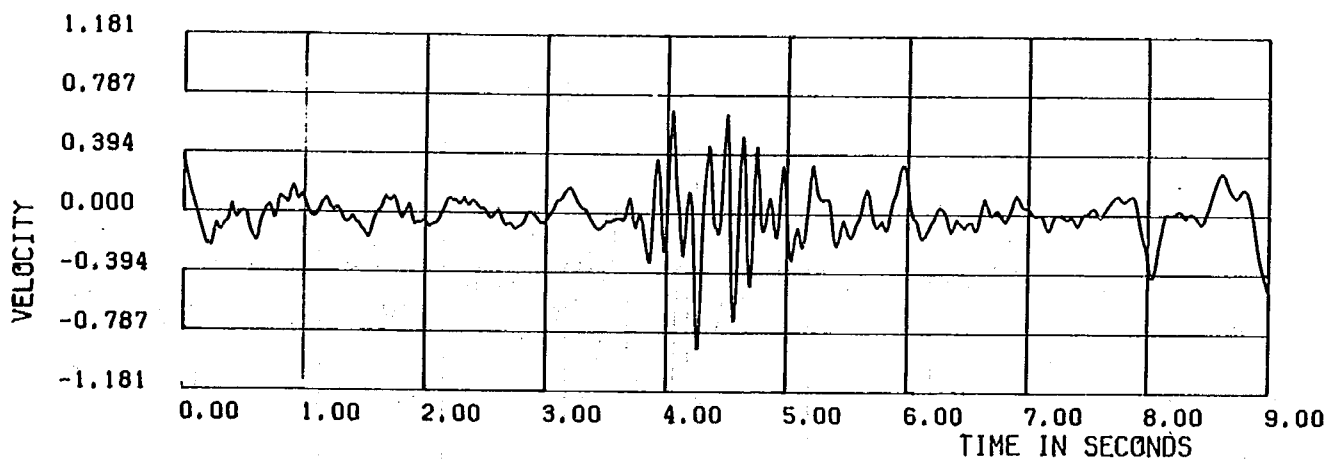
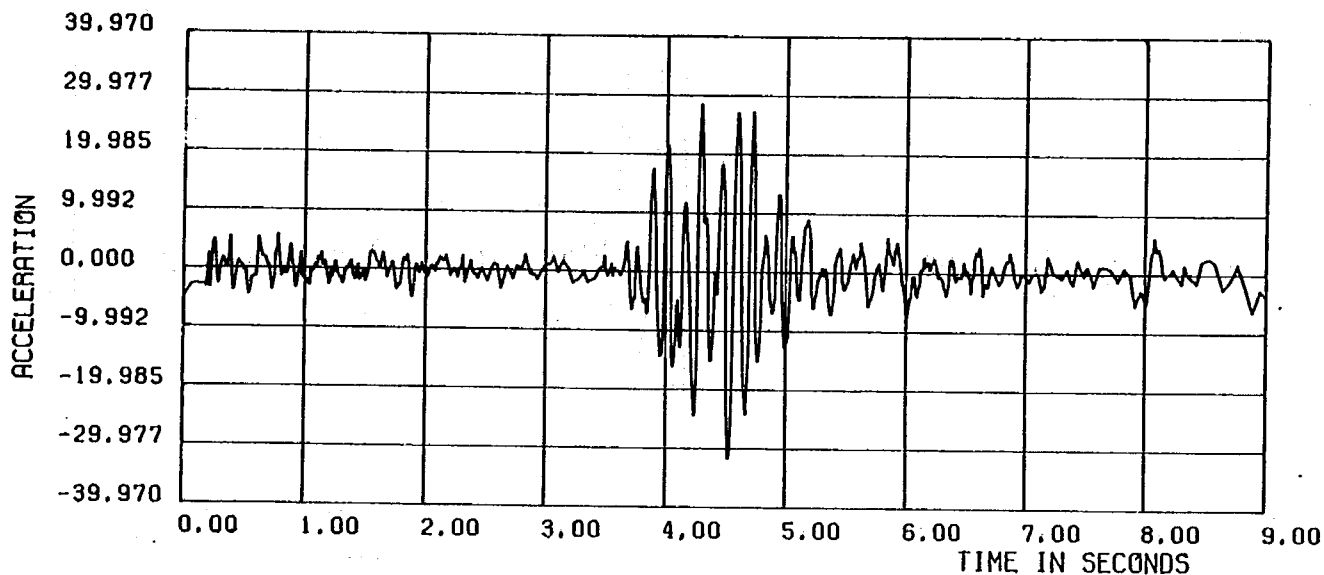




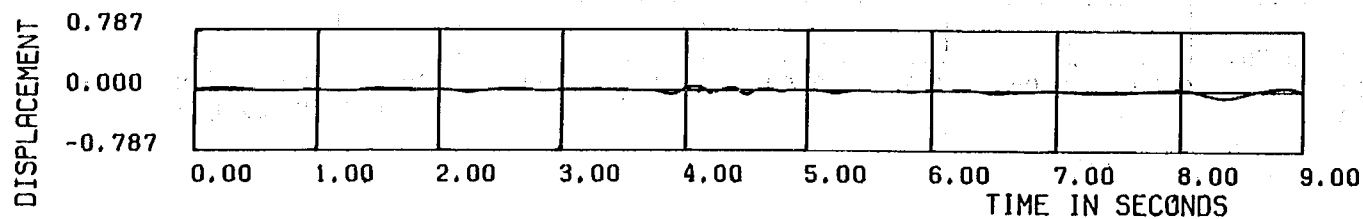
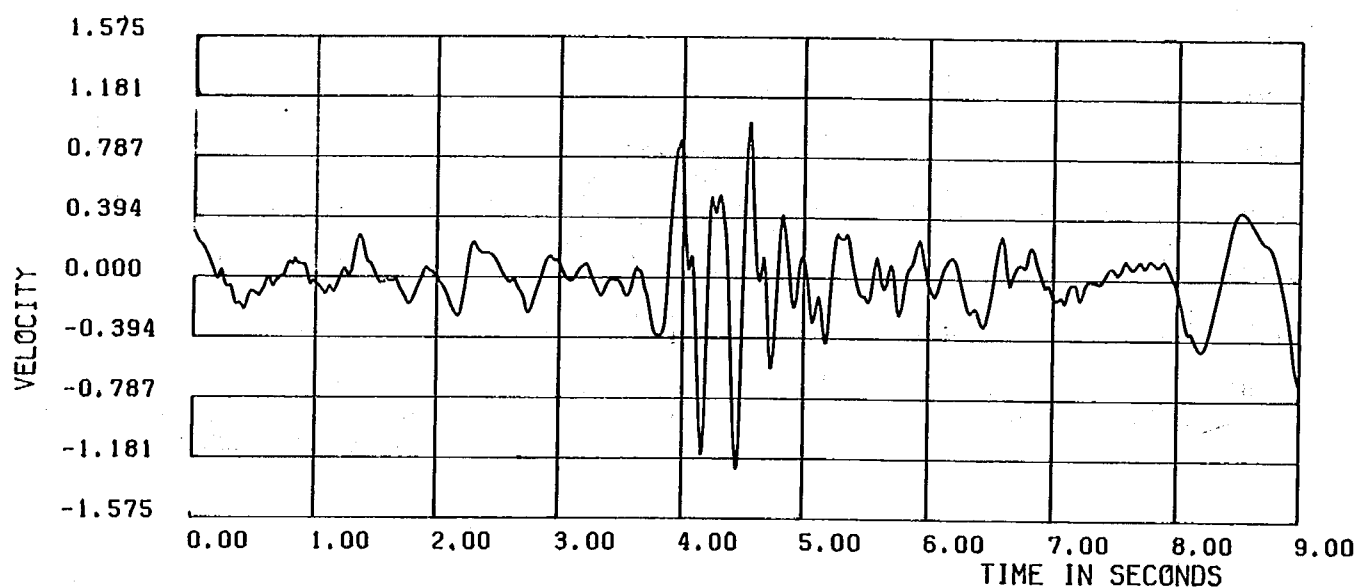
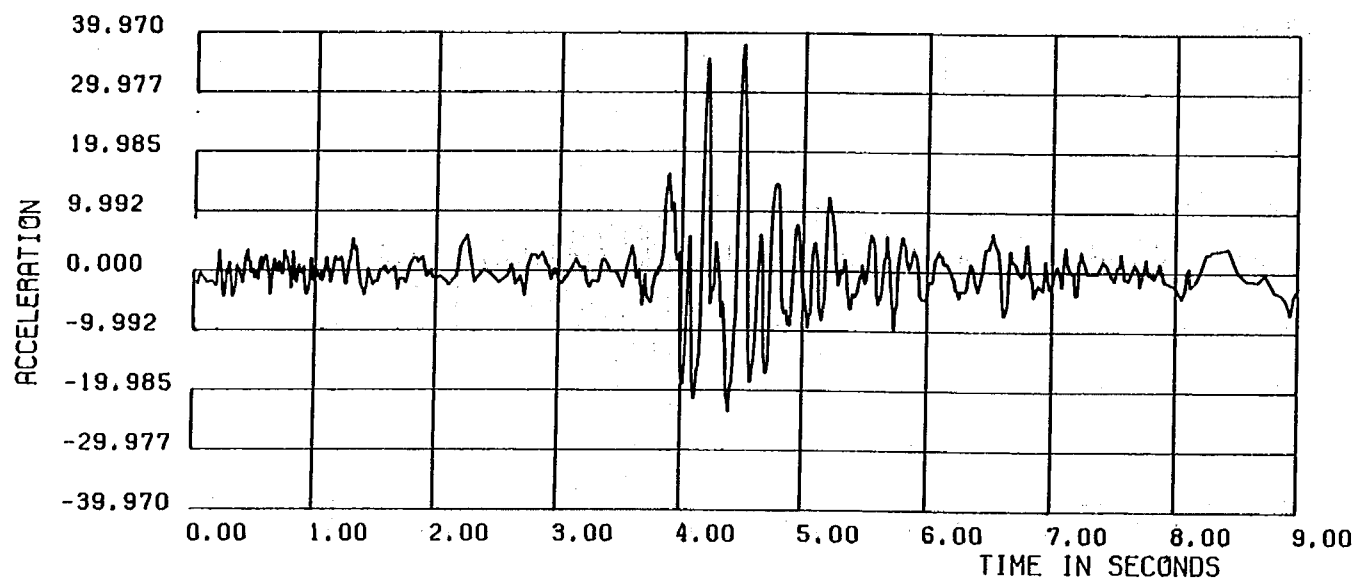
D-45 MIHO 12-2-Y



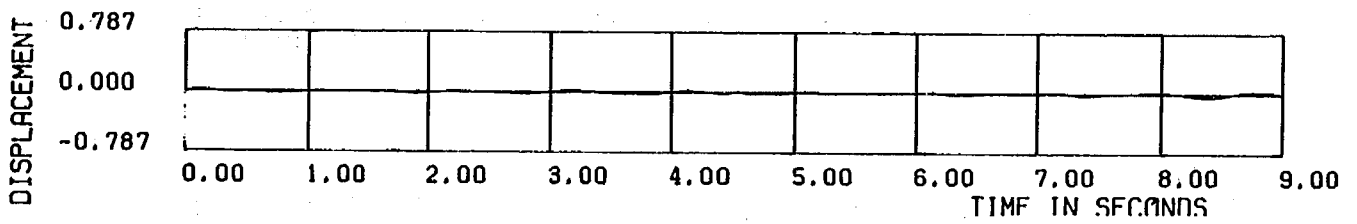
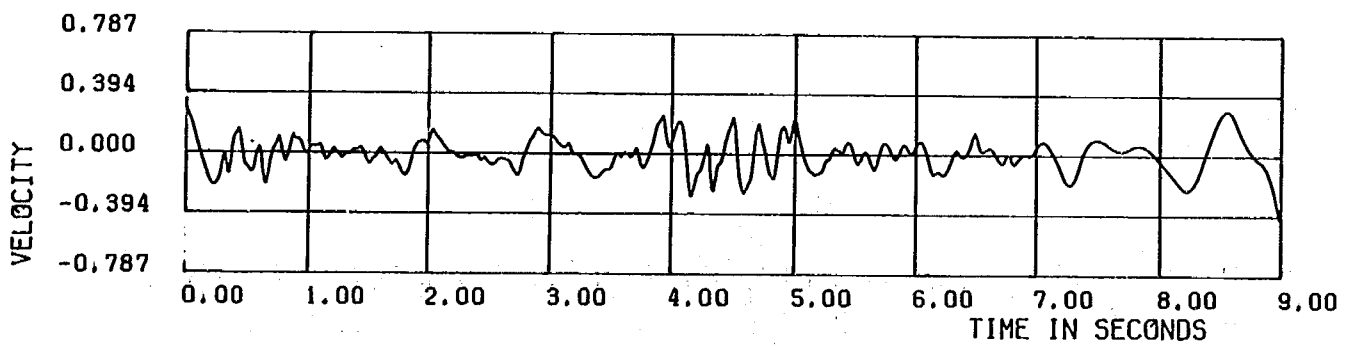
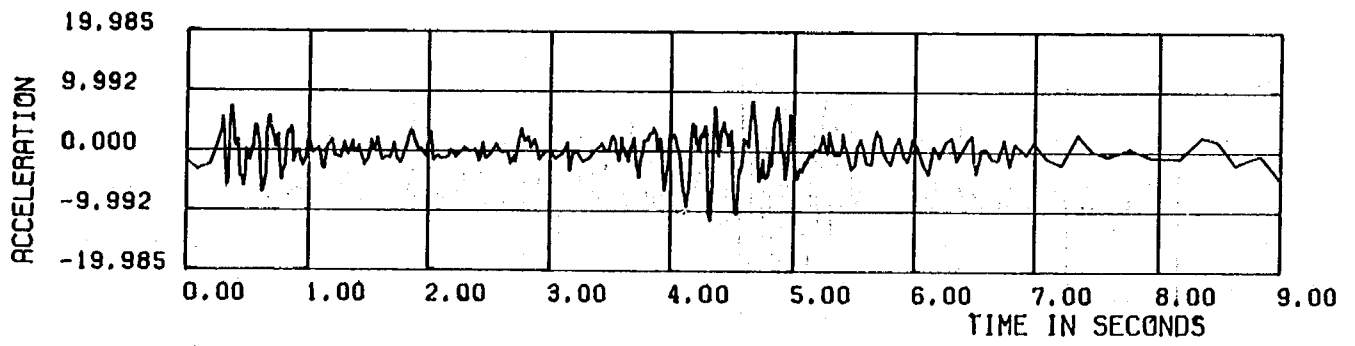
D-46 MIHO 12-2-Z



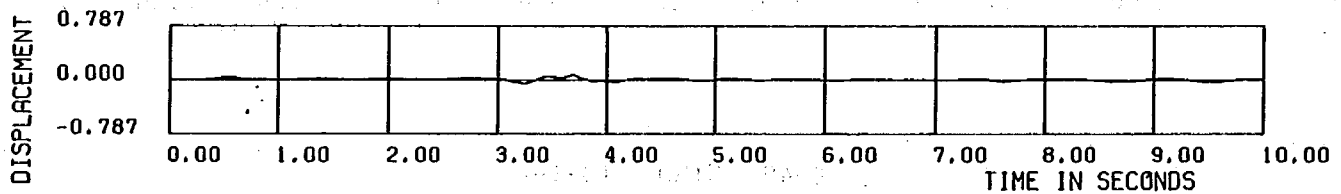
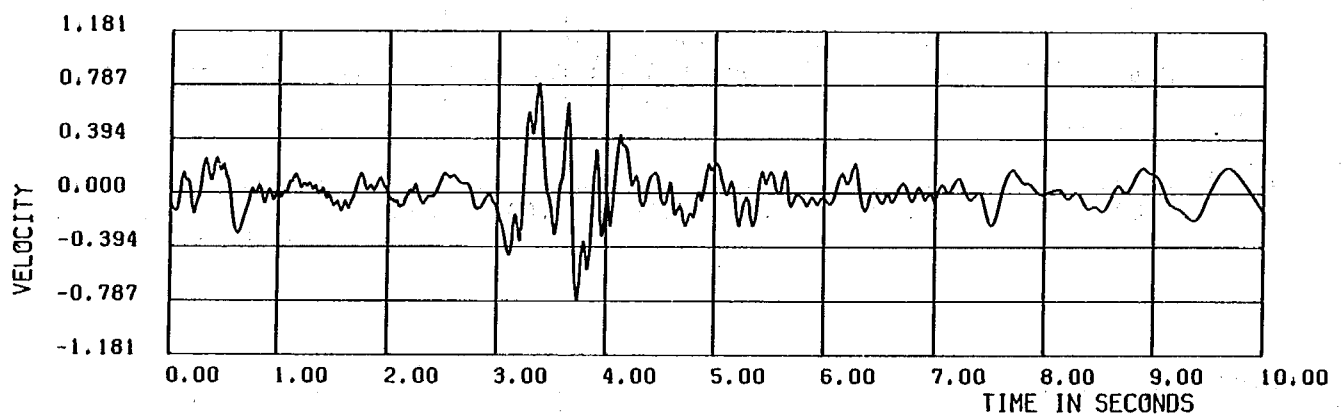
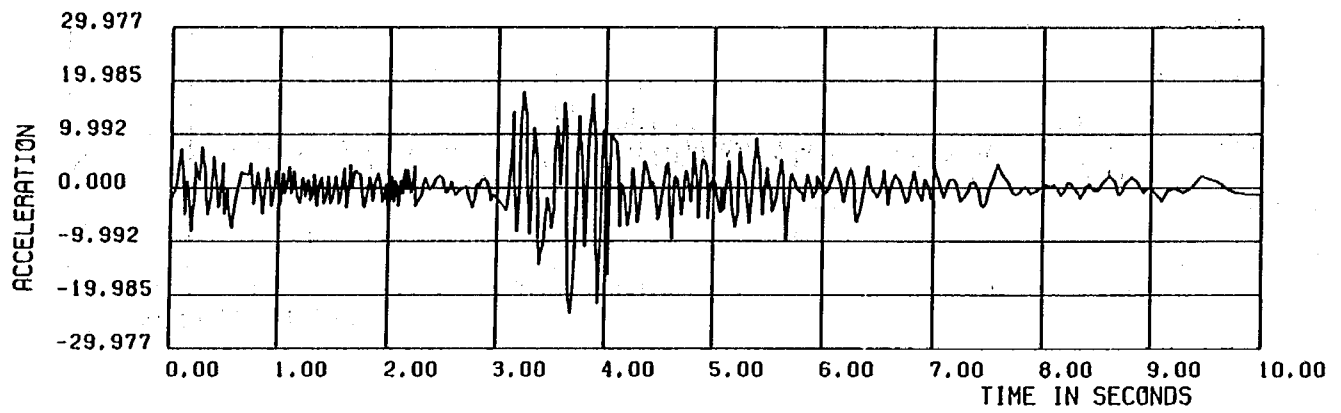
D-47 MIHO 13-1-X



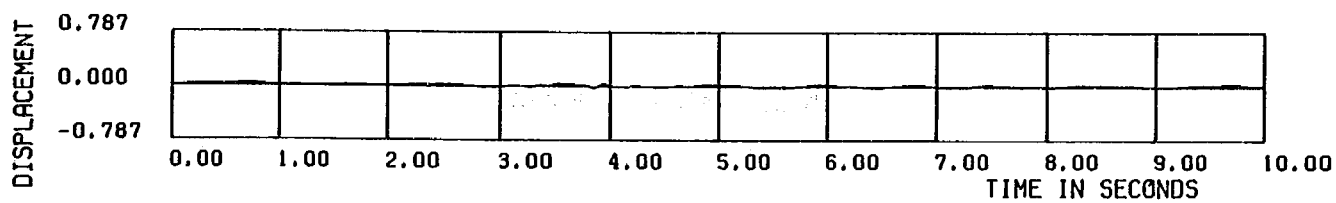
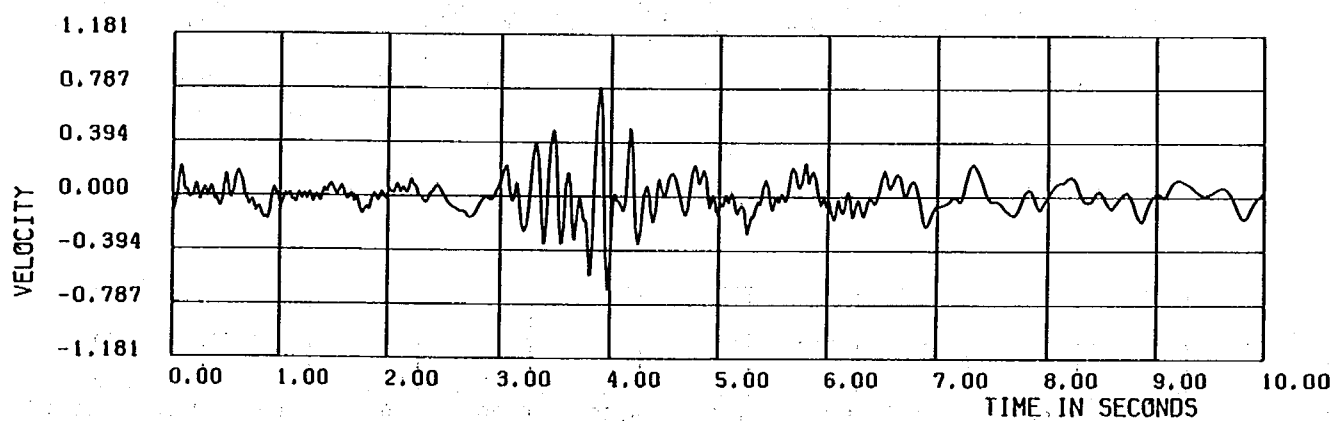
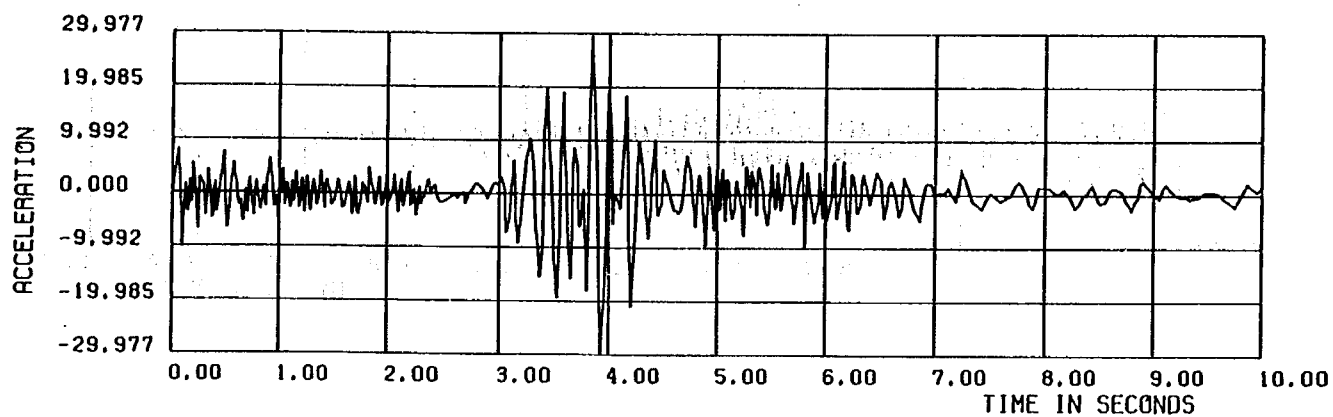
D-48 MIHO 13-1-Y



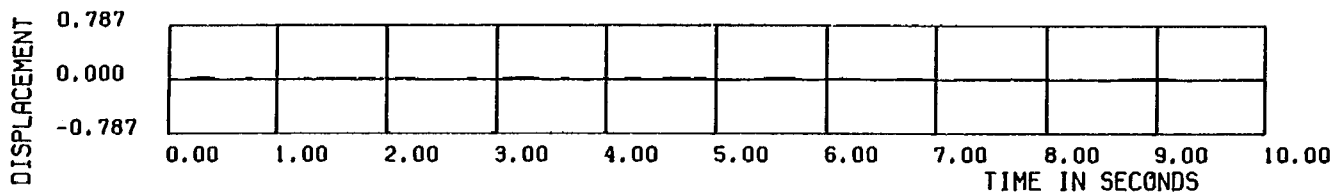
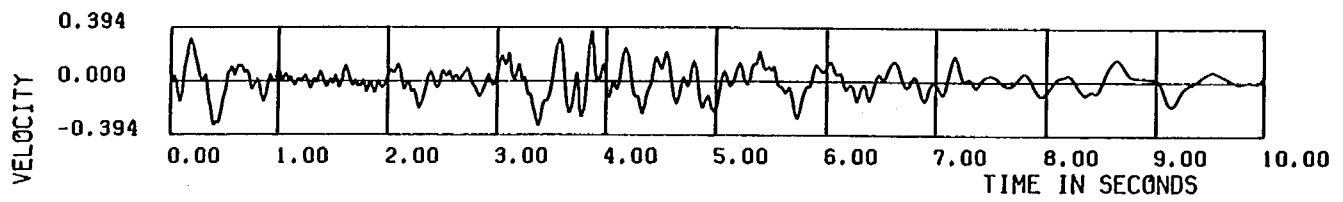
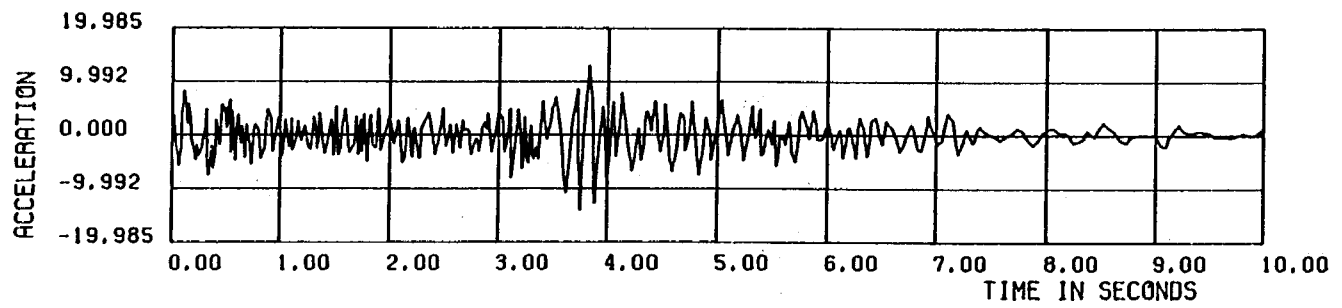
D-49 MIHO 13-1-2



D-50 MIHO 13-2-X



D-51 MIHO 13-2-Y



D-52 MIHO 13-2-Z

E 加速度波形のデジタル値リスト

1. 1981-1982 2. 1983-1984 3. 1985-1986 4. 1987-1988 5. 1989-1990 6. 1991-1992 7. 1993-1994 8. 1995-1996 9. 1997-1998 10. 1999-2000 11. 2001-2002 12. 2003-2004 13. 2005-2006 14. 2007-2008 15. 2009-2010 16. 2011-2012 17. 2013-2014 18. 2015-2016 19. 2017-2018 20. 2019-2020 21. 2021-2022 22. 2023-2024 23. 2025-2026 24. 2027-2028 25. 2029-2030 26. 2031-2032 27. 2033-2034 28. 2035-2036 29. 2037-2038 30. 2039-2040 31. 2041-2042 32. 2043-2044 33. 2045-2046 34. 2047-2048 35. 2049-2050 36. 2051-2052 37. 2053-2054 38. 2055-2056 39. 2057-2058 40. 2059-2060 41. 2061-2062 42. 2063-2064 43. 2065-2066 44. 2067-2068 45. 2069-2070 46. 2071-2072 47. 2073-2074 48. 2075-2076 49. 2077-2078 50. 2079-2080 51. 2081-2082 52. 2083-2084 53. 2085-2086 54. 2087-2088 55. 2089-2090 56. 2091-2092 57. 2093-2094 58. 2095-2096 59. 2097-2098 60. 2099-2100 61. 2101-2102 62. 2103-2104 63. 2105-2106 64. 2107-2108 65. 2109-2110 66. 2111-2112 67. 2113-2114 68. 2115-2116 69. 2117-2118 70. 2119-2120 71. 2121-2122 72. 2123-2124 73. 2125-2126 74. 2127-2128 75. 2129-2130 76. 2131-2132 77. 2133-2134 78. 2135-2136 79. 2137-2138 80. 2139-2140 81. 2141-2142 82. 2143-2144 83. 2145-2146 84. 2147-2148 85. 2149-2150 86. 2151-2152 87. 2153-2154 88. 2155-2156 89. 2157-2158 90. 2159-2160 91. 2161-2162 92. 2163-2164 93. 2165-2166 94. 2167-2168 95. 2169-2170 96. 2171-2172 97. 2173-2174 98. 2175-2176 99. 2177-2178 100. 2179-2180 101. 2181-2182 102. 2183-2184 103. 2185-2186 104. 2187-2188 105. 2189-2190 106. 2191-2192 107. 2193-2194 108. 2195-2196 109. 2197-2198 110. 2199-2200 111. 2201-2202 112. 2203-2204 113. 2205-2206 114. 2207-2208 115. 2209-2210 116. 2211-2212 117. 2213-2214 118. 2215-2216 119. 2217-2218 120. 2219-2220 121. 2221-2222 122. 2223-2224 123. 2225-2226 124. 2227-2228 125. 2229-2230 126. 2231-2232 127. 2233-2234 128. 2235-2236 129. 2237-2238 130. 2239-2240 131. 2241-2242 132. 2243-2244 133. 2245-2246 134. 2247-2248 135. 2249-2250 136. 2251-2252 137. 2253-2254 138. 2255-2256 139. 2257-2258 140. 2259-2260 141. 2261-2262 142. 2263-2264 143. 2265-2266 144. 2267-2268 145. 2269-2270 146. 2271-2272 147. 2273-2274 148. 2275-2276 149. 2277-2278 150. 2279-2280 151. 2281-2282 152. 2283-2284 153. 2285-2286 154. 2287-2288 155. 2289-2290 156. 2291-2292 157. 2293-2294 158. 2295-2296 159. 2297-2298 160. 2299-2300 161. 2301-2302 162. 2303-2304 163. 2305-2306 164. 2307-2308 165. 2309-2310 166. 2311-2312 167. 2313-2314 168. 2315-2316 169. 2317-2318 170. 2319-2320 171. 2321-2322 172. 2323-2324 173. 2325-2326 174. 2327-2328 175. 2329-2330 176. 2331-2332 177. 2333-2334 178. 2335-2336 179. 2337-2338 180. 2339-2340 181. 2341-2342 182. 2343-2344 183. 2345-2346 184. 2347-2348 185. 2349-2350 186. 2351-2352 187. 2353-2354 188. 2355-2356 189. 2357-2358 190. 2359-2360 191. 2361-2362 192. 2363-2364 193. 2365-2366 194. 2367-2368 195. 2369-2370 196. 2371-2372 197. 2373-2374 198. 2375-2376 199. 2377-2378 200. 2379-2380 201. 2381-2382 202. 2383-2384 203. 2385-2386 204. 2387-2388 205. 2389-2390 206. 2391-2392 207. 2393-2394 208. 2395-2396 209. 2397-2398 210. 2399-2400 211. 2401-2402 212. 2403-2404 213. 2405-2406 214. 2407-2408 215. 2409-2410 216. 2411-2412 217. 2413-2414 218. 2415-2416 219. 2417-2418 220. 2419-2420 221. 2421-2422 222. 2423-2424 223. 2425-2426 224. 2427-2428 225. 2429-2430 226. 2431-2432 227. 2433-2434 228. 2435-2436 229. 2437-2438 230. 2439-2440 231. 2441-2442 232. 2443-2444 233. 2445-2446 234. 2447-2448 235. 2449-2450 236. 2451-2452 237. 2453-2454 238. 2455-2456 239. 2457-2458 240. 2459-2460 241. 2461-2462 242. 2463-2464 243. 2465-2466 244. 2467-2468 245. 2469-2470 246. 2471-2472 247. 2473-2474 248. 2475-2476 249. 2477-2478 250. 2479-2480 251. 2481-2482 252. 2483-2484 253. 2485-2486 254. 2487-2488 255. 2489-2490 256. 2491-2492 257. 2493-2494 258. 2495-2496 259. 2497-2498 260. 2499-2500 261. 2501-2502 262. 2503-2504 263. 2505-2506 264. 2507-2508 265. 2509-2510 266. 2511-2512 267. 2513-2514 268. 2515-2516 269. 2517-2518 270. 2519-2520 271. 2521-2522 272. 2523-2524 273. 2525-2526 274. 2527-2528 275. 2529-2530 276. 2531-2532 277. 2533-2534 278. 2535-2536 279. 2537-2538 280. 2539-2540 281. 2541-2542 282. 2543-2544 283. 2545-2546 284. 2547-2548 285. 2549-2550 286. 2551-2552 287. 2553-2554 288. 2555-2556 289. 2557-2558 290. 2559-2560 291. 2561-2562 292. 2563-2564 293. 2565-2566 294. 2567-2568 295. 2569-2570 296. 2571-2572 297. 2573-2574 298. 2575-2576 299. 2577-2578 300. 2579-2580 301. 2581-2582 302. 2583-2584 303. 2585-2586 304. 2587-2588 305. 2589-2590 306. 2591-2592 307. 2593-2594 308. 2595-2596 309. 2597-2598 310. 2599-2600 311. 2601-2602 312. 2603-2604 313. 2605-2606 314. 2607-2608 315. 2609-2610 316. 2611-2612 317. 2613-2614 318. 2615-2616 319. 2617-2618 320. 2619-2620 321. 2621-2622 322. 2623-2624 323. 2625-2626 324. 2627-2628 325. 2629-2630 326. 2631-2632 327. 2633-2634 328. 2635-2636 329. 2637-2638 330. 2639-2640 331. 2641-2642 332. 2643-2644 333. 2645-2646 334. 2647-2648 335. 2649-2650 336. 2651-2652 337. 2653-2654 338. 2655-2656 339. 2657-2658 340. 2659-2660 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2793-2794 408. 2795-2796 409. 2797-2798 410. 2799-2800 411. 2801-2802 412. 2803-2804 413. 2805-2806 414. 2807-2808 415. 2809-2810 416. 2811-2812 417. 2813-2814 418. 2815-2816 419. 2817-2818 420. 2819-2820 421. 2821-2822 422. 2823-2824 423. 2825-2826 424. 2827-2828 425. 2829-2830 426. 2831-2832 427. 2833-2834 428. 2835-2836 429. 2837-2838 430. 2839-2840 431. 2841-2842 432. 2843-2844 433. 2845-2846 434. 2847-2848 435. 2849-2850 436. 2851-2852 437. 2853-2854 438. 2855-2856 439. 2857-2858 440. 2859-2860 441. 2861-2862 442. 2863-2864 443. 2865-2866 444. 2867-2868 445. 2869-2870 446. 2871-2872 447. 2873-2874 448. 2875-2876 449. 2877-2878 450. 2879-2880 451. 2881-2882 452. 2883-2884 453. 2885-2886 454. 2887-2888 455. 2889-2890 456. 2891-2892 457. 2893-2894 458. 2895-2896 459. 2897-2898 460. 2899-2900 461. 2901-2902 462. 2903-2904 463. 2905-2906 464. 2907-2908 465. 2909-2910 466. 2911-2912 467. 2913-2914 468. 2915-2916 469. 2917-2918 470. 2919-2920 471. 2921-2922 472. 2923-2924 473. 2925-2926 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3059-3060 541. 3061-3062 542. 3063-3064 543. 3065-3066 544. 3067-3068 545. 3069-3070 546. 3071-3072 547. 3073-3074 548. 3075-3076 549. 3077-3078 550. 3079-3080 551. 3081-3082 552. 3083-3084 553. 3085-3086 554. 3087-3088 555. 3089-3090 556. 3091-3092 557. 3093-3094 558. 3095-3096 559. 3097-3098 560. 3099-3100 561. 3101-3102 562. 3103-3104 563. 3105-3106 564. 3107-3108 565. 3109-3110 566. 3111-3112 567. 3113-3114 568. 3115-3116 569. 3117-3118 570. 3119-3120 571. 3121-3122 572. 3123-3124 573. 3125-3126 574. 3127-3128 575. 3129-3130 576. 3131-3132 577. 3133-3134 578. 3135-3136 579. 3137-3138 580. 3139-3140 581. 3141-3142 582. 3143-3144 583. 3145-3146 584. 3147-3148 585. 3149-3150 586. 3151-3152 587. 3153-3154 588. 3155-3156 589. 3157-3158 590. 3159-3160 591. 3161-3162 592. 3163-3164 593. 3165-3166 594. 3167-3168 595. 3169-3170 596. 3171-3172 597. 3173-3174 598. 3175-3176 599. 3177-3178 600. 3179-3180 601. 3181-3182 602. 3183-3184 603. 3185-3186 604. 3187-3188 605. 3189-3190 606. 3191-3192 607. 3193-3194 608. 3195-3196 609. 3197-3198 610. 3199-3200 611. 3201-3202 612. 3203-3204 613. 3205-3206 614. 3207-3208 615. 3209-3210 616. 3211-3212 617. 3213-3214 618. 3215-3216 619. 3217-3218 620. 3219-3220 621. 3221-3222 622. 3223-3224 623. 3225-3226 624. 3227-3228 625. 3229-3230 626. 3231-3232 627. 3233-3234 628. 3235-3236 629. 3237-3238 630. 3239-3240 631. 3241-3242 632. 3243-3244 633. 3245-3246 634. 3247-3248 635. 3249-3250 636. 3251-3252 637. 3253-3254 638. 3255-3256 639. 3257-3258 640. 3259-3260 641. 3261-3262 642. 3263-3264 643. 3265-3266 644. 3267-3268 645. 3269-3270 646. 3271-3272 647. 3273-3274 648. 3275-3276 649. 3277-3278 650. 3279-3280 651. 3281-3282 652. 3283-3284 653. 3285-3286 654. 3287-3288 655. 3289-3290 656. 3291-3292 657. 3293-3294 658. 3295-3296 659. 3297-3298 660. 3299-3300 661. 3301-3302 662. 3303-3304 663. 3305-3306 664. 3307-3308 665. 3309-3310 666. 3311-3312 667. 3313-3314 668. 3315-3316 669. 3317-3318 670. 3319-3320 671. 3321-3322 672. 3323-3324 673. 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740. 3459-3460 741. 3461-3462 742. 3463-3464 743. 3465-3466 744. 3467-3468 745. 3469-3470 746. 3471-3472 747. 3473-3474 748. 3475-3476 749. 3477-3478 750. 3479-3480 751. 3481-3482 752. 3483-3484 753. 3485-3486 754. 3487-3488 755. 3489-3490 756. 3491-3492 757. 3493-3494 758. 3495-3496 759. 3497-3498 760. 3499-3500 761. 3501-3502 762. 3503-3504 763. 3505-3506 764. 3507-3508 765. 3509-3510 766. 3511-3512 767. 3513-3514 768. 3515-3516 769. 3517-3518 770. 3519-3520 771. 3521-3522 772. 3523-3524 773. 3525-3526 774. 3527-3528 775. 3529-3530 776. 3531-3532 777. 3533-3534 778. 3535-3536 779. 3537-3538 780. 3539-3540 781. 3541-3542 782. 3543-3544 783. 3545-3546 784. 3547-3548 785. 3549-3550 786. 3551-3552 787. 3553-3554 788. 3555-3556 789. 3557-3558 790. 3559-3560 791. 3561-3562 792. 3563-3564 793. 3565-3566 794. 3567-3568 795. 3569-3570 796. 3571-3572 797. 3573-3574 798. 3575-3576 799. 3577-3578 800. 3579-3580 801. 3581-3582 802. 3583-3584 803. 3585-3586 804. 3587-3588 805. 3589-3590 806. 3591-3592 807. 3593-3594 808. 3595-3596 809. 3597-3598 810. 3599-3600 811. 3601-3602 812. 3603-3604 813. 3605-3606 814. 3607-3608 815. 3609-3610 816. 3611-3612 817. 3613-3614 818. 3615-3616 819. 3617-3618 820. 3619-3620 821. 3621-3622 822. 3623-3624 823. 3625-3626 824. 3627-3628 825. 3629-3630 826. 3631-3632 827. 3633-3634 828. 3635-3636 829. 3637-3638 830. 3639-3640 831. 3641-3642

Digitized Accelerogram of Earthquake Record with Index Number E-1 (1-NS)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-1.500	0.01	-1.080	0.02	-0.670	0.03	-0.250	0.04	-0.340	0.05	-0.430	0.06	-0.520	0.07	-0.610
2	0.08	-0.700	0.09	-0.790	0.10	-0.880	0.11	-0.970	0.12	-1.060	0.13	-1.150	0.14	-1.240	0.15	-1.330
3	0.16	-1.420	0.17	-1.510	0.18	-1.600	0.19	-1.690	0.20	-1.780	0.21	-1.870	0.22	-1.960	0.23	-2.050
4	0.24	-2.140	0.25	-2.230	0.26	-2.320	0.27	-2.410	0.28	-2.500	0.29	-2.590	0.30	-2.680	0.31	-2.770
5	0.32	-2.900	0.33	-3.000	0.34	-3.100	0.35	-3.200	0.36	-3.300	0.37	-3.400	0.38	-3.500	0.39	-3.600
6	0.40	-3.700	0.41	-3.800	0.42	-3.900	0.43	-4.000	0.44	-4.100	0.45	-4.200	0.46	-4.300	0.47	-4.400
7	0.48	-4.500	0.49	-4.600	0.50	-4.700	0.51	-4.800	0.52	-4.900	0.53	-5.000	0.54	-5.100	0.55	-5.200
8	0.56	-5.300	0.57	-5.400	0.58	-5.500	0.59	-5.600	0.60	-5.700	0.61	-5.800	0.62	-5.900	0.63	-6.000
9	0.64	-6.100	0.65	-6.200	0.66	-6.300	0.67	-6.400	0.68	-6.500	0.69	-6.600	0.70	-6.700	0.71	-6.800
10	0.72	-6.900	0.73	-7.000	0.74	-7.100	0.75	-7.200	0.76	-7.300	0.77	-7.400	0.78	-7.500	0.79	-7.600
11	0.80	-7.700	0.81	-7.800	0.82	-7.900	0.83	-8.000	0.84	-8.100	0.85	-8.200	0.86	-8.300	0.87	-8.400
12	0.88	-8.500	0.89	-8.600	0.90	-8.700	0.91	-8.800	0.92	-8.900	0.93	-9.000	0.94	-9.100	0.95	-9.200
13	0.96	-9.300	0.97	-9.400	0.98	-9.500	0.99	-9.600	1.00	-9.700	1.01	-9.800	1.02	-9.900	1.03	-10.000
14	1.04	-10.100	1.05	-10.200	1.06	-10.300	1.07	-10.400	1.08	-10.500	1.09	-10.600	1.10	-10.700	1.11	-10.800
15	1.12	-10.900	1.13	-11.000	1.14	-11.100	1.15	-11.200	1.16	-11.300	1.17	-11.400	1.18	-11.500	1.19	-11.600
16	1.20	-11.700	1.21	-11.800	1.22	-11.900	1.23	-12.000	1.24	-12.100	1.25	-12.200	1.26	-12.300	1.27	-12.400
17	1.28	-12.500	1.29	-12.600	1.30	-12.700	1.31	-12.800	1.32	-12.900	1.33	-13.000	1.34	-13.100	1.35	-13.200
18	1.36	-13.300	1.37	-13.400	1.38	-13.500	1.39	-13.600	1.40	-13.700	1.41	-13.800	1.42	-13.900	1.43	-14.000
19	1.44	-14.100	1.45	-14.200	1.46	-14.300	1.47	-14.400	1.48	-14.500	1.49	-14.600	1.50	-14.700	1.51	-14.800
20	1.52	-14.900	1.53	-15.000	1.54	-15.100	1.55	-15.200	1.56	-15.300	1.57	-15.400	1.58	-15.500	1.59	-15.600
21	1.60	-15.700	1.61	-15.800	1.62	-15.900	1.63	-16.000	1.64	-16.100	1.65	-16.200	1.66	-16.300	1.67	-16.400
22	1.68	-16.500	1.69	-16.600	1.70	-16.700	1.71	-16.800	1.72	-16.900	1.73	-17.000	1.74	-17.100	1.75	-17.200
23	1.76	-17.300	1.77	-17.400	1.78	-17.500	1.79	-17.600	1.80	-17.700	1.81	-17.800	1.82	-17.900	1.83	-18.000
24	1.84	-18.100	1.85	-18.200	1.86	-18.300	1.87	-18.400	1.88	-18.500	1.89	-18.600	1.90	-18.700	1.91	-18.800
25	1.92	-18.900	1.93	-19.000	1.94	-19.100	1.95	-19.200	1.96	-19.300	1.97	-19.400	1.98	-19.500	1.99	-19.600
26	2.00	-19.700	2.01	-19.800	2.02	-19.900	2.03	-20.000	2.04	-20.100	2.05	-20.200	2.06	-20.300	2.07	-20.400
27	2.08	-20.500	2.09	-20.600	2.10	-20.700	2.11	-20.800	2.12	-20.900	2.13	-21.000	2.14	-21.100	2.15	-21.200
28	2.16	-21.300	2.17	-21.400	2.18	-21.500	2.19	-21.600	2.20	-21.700	2.21	-21.800	2.22	-21.900	2.23	-22.000
29	2.24	-22.100	2.25	-22.200	2.26	-22.300	2.27	-22.400	2.28	-22.500	2.29	-22.600	2.30	-22.700	2.31	-22.800
30	2.32	-22.900	2.33	-23.000	2.34	-23.100	2.35	-23.200	2.36	-23.300	2.37	-23.400	2.38	-23.500	2.39	-23.600
31	2.40	-23.700	2.41	-23.800	2.42	-23.900	2.43	-24.000	2.44	-24.100	2.45	-24.200	2.46	-24.300	2.47	-24.400
32	2.48	-24.500	2.49	-24.600	2.50	-24.700	2.51	-24.800	2.52	-24.900	2.53	-25.000	2.54	-25.100	2.55	-25.200
33	2.56	-25.300	2.57	-25.400	2.58	-25.500	2.59	-25.600	2.60	-25.700	2.61	-25.800	2.62	-25.900	2.63	-26.000
34	2.64	-26.100	2.65	-26.200	2.66	-26.300	2.67	-26.400	2.68	-26.500	2.69	-26.600	2.70	-26.700	2.71	-26.800
35	2.72	-26.900	2.73	-27.000	2.74	-27.100	2.75	-27.200	2.76	-27.300	2.77	-27.400	2.78	-27.500	2.79	-27.600
36	2.80	-27.700	2.81	-27.800	2.82	-27.900	2.83	-28.000	2.84	-28.100	2.85	-28.200	2.86	-28.300	2.87	-28.400
37	2.88	-28.500	2.89	-28.600	2.90	-28.700	2.91	-28.800	2.92	-28.900	2.93	-29.000	2.94	-29.100	2.95	-29.200
38	2.96	-29.300	2.97	-29.400	2.98	-29.500	2.99	-29.600	3.00	-29.700	3.01	-29.800	3.02	-29.900	3.03	-30.000
39	3.04	-30.100	3.05	-30.200	3.06	-30.300	3.07	-30.400	3.08	-30.500	3.09	-30.600	3.10	-30.700	3.11	-30.800
40	3.12	-30.900	3.13	-31.000	3.14	-31.100	3.15	-31.200	3.16	-31.300	3.17	-31.400	3.18	-31.500	3.19	-31.600
41	3.20	-31.700	3.21	-31.800	3.22	-31.900	3.23	-32.000	3.24	-32.100	3.25	-32.200	3.26	-32.300	3.27	-32.400
42	3.28	-32.500	3.29	-32.600	3.30	-32.700	3.31	-32.800	3.32	-32.900	3.33	-33.000	3.34	-33.100	3.35	-33.200
43	3.36	-33.300	3.37	-33.400	3.38	-33.500	3.39	-33.600	3.40	-33.700	3.41	-33.800	3.42	-33.900	3.43	-34.000
44	3.44	-34.100	3.45	-34.200	3.46	-34.300	3.47	-34.400	3.48	-34.500	3.49	-34.600	3.50	-34.700	3.51	-34.800
45	3.52	-34.900	3.53	-35.000	3.54	-35.100	3.55	-35.200	3.56	-35.300	3.57	-35.400	3.58	-35.500	3.59	-35.600
46	3.60	-35.700	3.61	-35.800	3.62	-35.900	3.63	-36.000	3.64	-36.100	3.65	-36.200	3.66	-36.300	3.67	-36.400
47	3.68	-36.500	3.69	-36.600	3.70	-36.700	3.71	-36.800	3.72	-36.900	3.73	-37.000	3.74	-37.100	3.75	-37.200
48	3.76	-37.300	3.77	-37.400	3.78	-37.500	3.79	-37.600	3.80	-37.700	3.81	-37.800	3.82	-37.900	3.83	-38.000
49	3.84	-38.100	3.85	-38.200	3.86	-38.300	3.87	-38.400	3.88	-38.500	3.89	-38.600	3.90	-38.700	3.91	-38.800
50	3.92	-38.900	3.93	-39.000	3.94	-39.100	3.95	-39.200	3.96	-39.300	3.97	-39.400	3.98	-39.500	3.99	-39.600
51	4.00	-39.700	4.01	-39.800	4.02	-39.900	4.03	-40.000	4.04	-40.100	4.05	-40.200	4.06	-40.300	4.07	-40.400
52	4.08	-40.500	4.09	-40.600	4.10	-40.700	4.11	-40.800	4.12	-40.900	4.13	-41.000	4.14	-41.100	4.15	-41.200
53	4.16	-41.300	4.17	-41.400	4.18	-41.500	4.19	-41.600	4.20	-41.700	4.21	-41.800	4.22	-41.900	4.23	-42.000
54	4.24	-42.100	4.25	-42.200	4.26	-42.300	4.27	-42.400	4.28	-42.500	4.29	-42.600	4.30	-42.700	4.31	-42.800
55	4.32	-42.900	4.33	-43.000	4.34	-43.100	4.35	-43.200	4.36	-43.300	4.37	-43.400	4.38	-43.500	4.39	-43.600
56	4.40	-43.700	4.41	-43.800	4.42	-43.900	4.43	-44.000	4.44	-44.100	4.45	-44.200	4.46	-44.300	4.47	-44.400
57	4.48	-44.500	4.49	-44.600	4.50	-44.700	4.51	-44.800	4.52	-44.900	4.53	-45.000	4.54	-45.100	4.55	-45.200
58	4.56	-45.300	4.57	-45.400	4.58	-45.500	4.59	-45.600	4.60	-45.700	4.61	-45.800	4.62	-45.900	4.63	-46.000
59	4.64	-46.100	4.65	-46.200	4.66	-46.300	4.67	-46.400	4.68	-46.500	4.69	-46.600	4.70	-46.700	4.71	-46.800
60	4.72	-46.900	4.73	-47.000	4.74	-47.100	4.75	-47.200	4.76	-47.300	4.77	-47.400	4.78	-47.500	4.79	-47.600
61	4.80	-47.700	4.81	-47.800	4.82	-47.900	4.83	-48.000	4.84	-48.100	4.85	-48.200	4.86	-48.300	4.87	-48.400
62	4.88	-48.500	4.89	-48.600	4.90	-48.700	4.91	-48.800	4.92	-48.900	4.93	-49.000	4.94	-49.100	4.95	-49.200
63	4.96	-49.300	4.97	-49.400	4.98	-49.500	4.99	-49.600	5.00	-49.700	5.01	-49.800	5.02	-49.900	5.03	-50.000
64	5.04	-50.100	5.05	-50.200	5.06	-50.300	5.07	-50.400	5.08	-50.500	5.09	-50.600	5.10	-50.700	5.11	-50.800
65	5.12	-50.900	5.13	-51.000	5.14	-51.100	5.15	-51.200	5.16	-51.300	5.17	-51.400	5.18	-51.500	5.19	-51.600
66	5.20	-51.700	5.21	-51.800	5.22	-51.900	5.23	-52.000	5.24	-52.100	5.25	-52.200	5.26	-52.300	5.27	-52.400
67	5.28	-52.500	5.29	-52.600	5.30	-52.700	5.31	-52.800	5.32	-52.900	5.33	-53.000	5.34	-53.100	5.35	-53.200
68	5.36	-53.300	5.37	-53.400	5.38	-53.500	5.39	-53.600	5.40	-53.700	5.41	-53.800	5.42	-53.900	5.43	-54.000
69	5.44	-54.100	5.45	-54.200	5.46	-54.300	5.47	-54.400	5.48	-54.500	5.49	-54.600	5.50	-54.700	5.51	-54.800
70	5.52	-54.900	5.53	-55.000	5.54	-55.100	5.55	-55.200	5.56	-55.300	5.57	-55.400	5.58	-55.500	5.59	-55.600
71	5.60	-55.700	5.61	-55.800	5.62	-55.900	5.63	-56.000	5.64	-56.100	5.65	-56.200	5.66	-56.300	5.67	-56.400
72	5.68	-56.500	5.69	-56.600	5.70	-56.700										

Digitized Accelerogram of Earthquake Record with Index Number E-2 (1-NS)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-0.758	0.01	0.644	0.02	1.094	0.03	0.435	0.04	-0.719	0.05	-1.689	0.06	-1.661	0.07	-1.481		
2	0.08	-0.542	0.09	0.907	0.10	2.636	0.11	4.143	0.12	4.981	0.13	5.239	0.14	5.540	0.15	6.529		
3	0.16	8.007	0.17	9.159	0.18	9.251	0.19	8.439	0.20	7.712	0.21	7.960	0.22	9.039	0.23	9.710		
4	0.24	6.529	0.25	4.952	0.26	-0.210	0.27	-5.273	0.28	-8.772	0.29	-10.486	0.30	-11.750	0.31	-14.634		
5	0.32	-20.177	0.33	-26.798	0.34	-30.434	0.35	-27.028	0.36	-15.916	0.37	-1.179	0.38	-10.860	0.39	-16.448		
6	0.40	17.445	0.41	19.264	0.42	25.921	0.43	35.780	0.44	42.620	0.45	41.666	0.46	32.936	0.47	21.010		
7	0.48	10.465	0.49	2.643	0.50	-2.678	0.51	-6.720	0.52	-9.109	0.53	-10.859	0.54	-15.208	0.55	-24.721		
8	0.56	-36.690	0.57	-42.631	0.58	-34.306	0.59	-11.955	0.60	19.942	0.61	35.018	0.62	43.789	0.63	47.279		
9	0.64	54.045	0.65	65.556	0.66	74.051	0.67	69.631	0.68	-37.814	0.69	-68.564	0.70	-77.243	0.71	-72.759		
10	0.72	-19.898	0.73	-22.316	0.74	-27.335	0.75	-37.814	0.76	-37.814	0.77	-68.564	0.78	-77.243	0.79	-72.759		
11	0.80	-54.562	0.81	-29.676	0.82	-8.317	0.83	3.857	0.84	9.678	0.85	16.397	0.86	27.378	0.87	37.038		
12	0.88	39.707	0.89	29.151	0.90	11.722	0.91	-2.411	0.92	-6.731	0.93	-2.996	0.94	1.510	0.95	0.726		
13	0.96	-5.668	0.97	-13.042	0.98	-16.117	0.99	-12.782	1.00	-4.989	1.01	3.158	1.02	6.420	1.03	10.541		
14	1.04	12.046	1.05	15.640	1.06	21.183	1.07	25.053	1.08	23.035	1.09	14.407	1.10	3.217	1.11	-4.923		
15	1.12	-7.668	1.13	15.553	1.14	-9.281	1.15	-14.059	1.16	-10.912	1.17	-19.258	1.18	-13.260	1.19	-3.897		
16	1.20	7.590	1.21	15.553	1.22	23.371	1.23	20.931	1.24	15.808	1.25	4.769	1.26	-9.584	1.27	-21.730		
17	1.28	-27.473	1.29	-26.701	1.30	-2.503	1.31	-22.823	1.32	-25.686	1.33	-34.220	1.34	-41.296	1.35	-44.768		
18	1.36	-42.582	1.37	-34.177	1.38	-20.735	1.39	-48.498	1.40	51.553	1.41	34.367	1.42	16.283	1.43	17.394		
19	1.44	23.011	1.45	34.773	1.46	48.498	1.47	51.553	1.48	34.367	1.49	16.283	1.50	17.394	1.51	-6.834		
20	1.52	-14.808	1.53	-13.700	1.54	-11.278	1.55	-15.592	1.56	-20.478	1.57	-43.642	1.58	-51.122	1.59	-44.717		
21	1.60	-27.757	1.61	-9.054	1.62	2.401	1.63	4.893	1.64	4.015	1.65	6.685	1.66	14.477	1.67	22.238		
22	1.68	23.046	1.69	14.740	1.70	2.001	1.71	-7.719	1.72	-10.411	1.73	-8.203	1.74	-6.508	1.75	-8.811		
23	1.76	-14.031	1.77	-18.377	1.78	-19.250	1.79	-17.242	1.80	-14.770	1.81	-13.300	1.82	-12.095	1.83	-9.413		
24	1.84	-4.543	1.85	1.365	1.86	6.185	1.87	8.270	1.88	7.277	1.89	4.109	1.90	0.433	1.91	-1.995		
25	1.92	-2.179	1.93	-0.620	1.94	0.871	1.95	0.563	1.96	-1.309	1.97	-3.239	1.98	-2.138	1.99	2.348		
26	2.00	6.409	2.01	12.104	2.02	13.023	2.03	12.350	2.04	12.943	2.05	16.247	2.06	20.916	2.07	23.632		
27	2.08	21.449	2.09	13.931	2.10	3.419	2.11	-0.023	2.12	-21.831	2.13	-21.831	2.14	-21.831	2.15	-21.831		
28	2.16	-17.480	2.17	-27.683	2.18	-34.051	2.19	-33.073	2.20	-21.831	2.21	-21.831	2.22	-21.831	2.23	-21.831		
29	2.24	9.701	2.25	11.396	2.26	16.673	2.27	22.658	2.28	24.269	2.29	19.225	2.30	10.204	2.31	2.435		
30	2.32	-0.581	2.33	0.710	2.34	3.194	2.35	3.838	2.36	1.567	2.37	-2.816	2.38	-7.543	2.39	-10.674		
31	2.40	-10.696	2.41	-7.280	2.42	-1.773	2.43	3.339	2.44	6.001	2.45	6.003	2.46	4.956	2.47	4.846		
32	2.48	6.486	2.49	9.105	2.50	11.151	2.51	11.386	2.52	9.512	2.53	6.255	2.54	3.034	2.55	1.213		
33	2.56	-1.027	2.57	-0.989	2.58	-1.316	2.59	-7.184	2.60	-15.227	2.61	-22.122	2.62	-25.474	2.63	-26.232		
34	2.64	-28.013	2.65	-33.527	2.66	-41.373	2.67	-46.512	2.68	-44.352	2.69	-34.845	2.70	-22.755	2.71	-13.860		
35	2.72	-10.553	2.73	-10.713	2.74	-10.406	2.75	-7.501	2.76	-2.859	2.77	1.423	2.78	4.392	2.79	6.763		
36	2.80	9.525	2.81	12.615	2.82	15.253	2.83	17.370	2.84	20.121	2.85	24.393	2.86	29.959	2.87	33.300		
37	2.88	31.692	2.89	24.814	2.90	15.591	2.91	6.147	2.92	4.836	2.93	4.851	2.94	5.389	2.95	3.884		
38	2.96	-0.038	2.97	-4.849	2.98	-0.436	2.99	-0.399	3.00	-7.727	3.01	-4.629	3.02	-1.770	3.03	-2.75		
39	3.04	-0.061	3.05	-0.107	3.06	0.414	3.07	1.930	3.08	0.456	3.09	-2.529	3.10	-7.123	3.11	-11.011		
40	3.12	-12.701	3.13	-12.374	3.14	-12.443	3.15	-14.735	3.16	-10.737	3.17	-21.360	3.18	-19.944	3.19	-14.425		
41	3.20	-7.483	3.21	-2.329	3.22	-0.273	3.23	-0.156	3.24	0.207	3.25	2.115	3.26	5.233	3.27	8.228		
42	3.28	9.909	3.29	9.878	3.30	8.488	3.31	6.449	3.32	4.409	3.33	2.666	3.34	1.116	3.35	-0.466		
43	3.36	-1.952	3.37	-2.710	3.38	-1.970	3.39	-0.380	3.40	3.413	3.41	5.761	3.42	6.079	3.43	6.615		
44	3.44	5.446	3.45	7.619	3.46	9.087	3.47	10.207	3.48	10.415	3.49	9.894	3.50	9.158	3.51	8.384		
45	3.52	7.273	3.53	5.500	3.54	3.172	3.55	1.675	3.56	-1.228	3.57	-2.612	3.58	-3.262	3.59	-3.016		
46	3.60	-1.865	3.61	-0.241	3.62	1.094	3.63	1.675	3.64	3.453	3.65	5.173	3.66	6.620	3.67	8.532		
47	3.68	2.705	3.69	0.440	3.70	-2.404	3.71	-4.332	3.72	-4.993	3.73	-5.380	3.74	-6.220	3.75	-6.582		
48	3.76	-0.576	3.77	-8.352	3.78	-5.127	3.79	-1.748	3.80	-0.021	3.81	-0.168	3.82	-0.901	3.83	-0.885		
49	3.84	0.139	3.85	1.295	3.86	1.966	3.87	2.436	3.88	3.453	3.89	5.173	3.90	6.758	3.91	7.091		
50	3.92	5.846	3.93	3.803	3.94	2.155	3.95	1.533	3.96	1.696	3.97	2.046	3.98	2.316	3.99	2.745		
51	4.00	3.619	4.01	4.774	4.02	5.607	4.03	5.640	4.04	5.095	4.05	4.842	4.06	5.637	4.07	7.373		
52	4.08	8.758	4.09	8.375	4.10	5.766	4.11	1.929	4.12	-1.427	4.13	-3.234	4.14	-5.699	4.15	-4.290		
53	4.16	-5.520	4.17	-7.245	4.18	-8.579	4.19	-9.908	4.20	-9.109	4.21	-9.355	4.22	-10.126	4.23	-11.104		
54	4.24	-11.936	4.25	-12.754	4.26	-13.933	4.27	-15.155	4.28	-16.145	4.29	-15.321	4.30	-12.819	4.31	-9.742		
55	4.32	-7.501	4.33	-6.641	4.34	-6.523	4.35	-6.182	4.36	-3.688	4.37	-2.853	4.38	-2.853	4.39	-2.793		
56	4.40	-2.968	4.41	-2.792	4.42	-2.198	4.43	-1.672	4.44	-1.745	4.45	-2.608	4.46	-3.339	4.47	-3.698		
57	4.48	-2.871	4.49	-1.270	4.50	0.529	4.51	1.773	4.52	2.163	4.53	2.123	4.54	2.474	4.55	2.777		
58	4.56	5.274	4.57	6.115	4.58	5.291	4.59	2.946	4.60	0.190	4.61	-1.837	4.62	-2.841	4.63	-3.356		
59	4.64	-3.965	4.65	-4.695	4.66	-5.269	4.67	-5.838	4.68	-7.185	4.69	-9.911	4.70	-13.381	4.71	-15.695		
60	4.72	-15.401	4.73	-11.336	4.74	-8.543	4.75	-3.191	4.76	-2.338	4.77	-2.813	4.78	-2.417	4.79	0.062		
61	4.80	3.073	4.81	7.197	4.82	8.928	4.83	9.630	4.84	10.816	4.85	13.363	4.86	16.594	4.87	18.865		
62	4.88	18.308	4.89	17.197	4.90	14.840	4.91	13.257	4.92	12.924	4.93	13.463	4.94	14.238	4.95	14.829		
63	4.96	17.917	4.97	15.919	4.98	13.194	4.99	10.903	5.00	8.137	5.01	5.618	5.02	3.865	5.03	2.852		
64	5.04	2.085	5.05	1.017	5.06	-0.568	5.07	-2.853	5.08	-5.415	5.09	-8.125	5.10	-10.182	5.11	-11.950		
65	5.12	-8.305	5.13	-10.426	5.14	-12.724	5.15	-14.059	5.16	-13.531	5.17	-11.255	5.18	-8.427	5.19	-6.492		
66	5.20	-6.105	5.21	-6.749	5.22	-7.329	5.23	-7.121	5.24	-6.223	5.25	-5.24	5.26	-4.570	5.27	-4.274		
67	5.28	-4.357	5.29	-4.728	5.30	-5.476	5.31	-6.329	5.32	-6.630	5.33	-5.767	5.34	-3.759	5.35	-3.354		
68	5.36	0.494	5.37	1.330	5.38	1.437	5.39	1.461	5.40	1.816	5.41	2.449	5.42	3.082	5.43	3.610		
69	5.44	4.210	5.45	5.075	5.46	6.083	5.47	6.771	5.48	6.673	5.49	5.730	5.50	4.408	5.51	3.386		
70	5.52	3.089	5.53	3.305	5.54	3.557	5.55	3.3										

Digitized Accelerogram of Earthquake Record with Index Number E-3 (1-EW)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-0.250	0.01	0.520	0.02	1.290	0.03	2.070	0.04	2.840	0.05	3.610	0.06	4.380	0.07	2.660
2	0.08	0.940	0.09	-0.780	0.10	-2.500	0.11	-4.690	0.12	-6.880	0.13	-3.520	0.14	-0.100	0.15	3.260
3	0.16	6.550	0.17	9.920	0.18	13.280	0.19	16.640	0.20	20.000	0.21	23.360	0.22	26.720	0.23	20.470
4	0.24	23.620	0.25	20.780	0.26	20.930	0.27	13.020	0.28	7.030	0.29	0.070	0.30	-6.880	0.31	-10.990
5	0.32	-14.690	0.33	-18.600	0.34	-22.500	0.35	-17.810	0.36	-13.120	0.37	-8.440	0.38	-3.750	0.39	0.940
6	0.40	5.630	0.41	9.630	0.42	14.220	0.43	18.520	0.44	22.620	0.45	27.110	0.46	31.410	0.47	35.700
7	0.48	40.000	0.49	39.380	0.50	38.750	0.51	28.050	0.52	17.340	0.53	6.640	0.54	-4.070	0.55	-14.770
8	0.56	-25.470	0.57	-36.180	0.58	-46.880	0.59	-56.630	0.60	-44.380	0.61	-35.790	0.62	-27.190	0.63	-18.600
9	0.64	-10.000	0.65	-5.210	0.66	-0.420	0.67	4.370	0.68	9.170	0.69	13.960	0.70	18.750	0.71	23.540
10	0.72	32.820	0.73	39.850	0.74	46.880	0.75	39.070	0.76	31.250	0.77	23.440	0.78	15.630	0.79	7.810
11	0.80	0.00	0.81	-2.500	0.82	-5.000	0.83	-7.500	0.84	-10.000	0.85	-12.500	0.86	-15.000	0.87	-17.500
12	0.88	-20.000	0.89	-22.500	0.90	-25.000	0.91	-21.810	0.92	-18.620	0.93	-15.440	0.94	-12.250	0.95	-9.060
13	0.96	-5.670	0.97	-2.680	0.98	0.500	0.99	3.690	1.00	6.880	1.01	7.810	1.02	8.750	1.03	6.880
14	1.04	5.000	1.05	3.130	1.06	1.250	1.07	-0.620	1.08	-2.500	1.09	-4.370	1.10	-6.250	1.11	-8.120
15	1.12	-6.250	1.13	-6.250	1.14	-6.250	1.15	-6.250	1.16	-3.500	1.17	-0.750	1.18	2.000	1.19	4.750
16	1.20	7.500	1.21	9.530	1.22	11.570	1.23	13.600	1.24	15.630	1.25	13.630	1.26	10.420	1.27	7.820
17	1.28	5.210	1.29	2.600	1.30	0.00	1.31	-12.810	1.32	-25.630	1.33	-21.800	1.34	-17.970	1.35	-14.140
18	1.36	-10.320	1.37	-6.490	1.38	-2.660	1.39	1.170	1.40	5.000	1.41	7.080	1.42	9.170	1.43	11.250
19	1.44	13.330	1.45	15.420	1.46	17.500	1.47	19.580	1.48	21.670	1.49	23.750	1.50	21.880	1.51	18.660
20	1.52	14.240	1.53	10.420	1.54	6.600	1.55	2.780	1.56	-1.040	1.57	-4.880	1.58	-8.680	1.59	-12.500
21	1.60	-9.380	1.61	-6.130	1.62	-4.380	1.63	-1.880	1.64	0.620	1.65	3.120	1.66	5.630	1.67	8.130
22	1.68	10.430	1.69	15.130	1.70	19.830	1.71	17.500	1.72	14.660	1.73	11.790	1.74	9.500	1.75	6.940
23	1.76	4.310	1.77	1.670	1.78	-0.970	1.79	-3.610	1.80	-6.250	1.81	-7.870	1.82	-9.500	1.83	-11.130
24	1.84	-12.750	1.85	-14.380	1.86	-16.000	1.87	-17.630	1.88	-19.250	1.89	-20.880	1.90	-22.500	1.91	-19.250
25	1.92	-16.000	1.93	-12.750	1.94	-9.500	1.95	-6.250	1.96	-3.000	1.97	0.250	1.98	3.500	1.99	6.750
26	2.00	10.000	2.01	11.560	2.02	13.120	2.03	14.680	2.04	16.250	2.05	15.830	2.06	15.420	2.07	15.000
27	2.08	14.580	2.09	14.170	2.10	13.750	2.11	11.810	2.12	9.870	2.13	7.940	2.14	6.000	2.15	4.060
28	2.16	2.120	2.17	0.180	2.18	-1.750	2.19	-3.690	2.20	-5.630	2.21	-7.570	2.22	-9.510	2.23	-11.450
29	2.24	-3.630	2.25	-3.130	2.26	-3.500	2.27	-3.880	2.28	-4.250	2.29	-4.630	2.30	-5.000	2.31	-5.370
30	2.32	-6.460	2.33	-7.190	2.34	-7.920	2.35	-8.650	2.36	-9.380	2.37	-10.110	2.38	-10.840	2.39	-11.570
31	2.40	3.750	2.41	5.620	2.42	7.500	2.43	9.370	2.44	11.250	2.45	13.120	2.46	15.000	2.47	16.880
32	2.48	18.750	2.49	20.620	2.50	22.500	2.51	22.810	2.52	23.130	2.53	23.440	2.54	23.750	2.55	20.630
33	2.56	17.920	2.57	15.000	2.58	12.080	2.59	9.170	2.60	6.250	2.61	4.000	2.62	1.750	2.63	-0.500
34	2.64	-2.750	2.65	-5.000	2.66	-7.250	2.67	-9.500	2.68	-11.750	2.69	-14.000	2.70	-16.250	2.71	-18.500
35	2.72	-17.080	2.73	-17.500	2.74	-16.610	2.75	-15.710	2.76	-14.820	2.77	-13.930	2.78	-13.040	2.79	-12.140
36	2.80	-11.250	2.81	-10.750	2.82	-10.250	2.83	-9.750	2.84	-9.250	2.85	-8.750	2.86	-8.250	2.87	-7.750
37	2.88	-7.250	2.89	-6.750	2.90	-6.250	2.91	-4.940	2.92	-3.620	2.93	-2.310	2.94	-1.000	2.95	0.310
38	2.96	1.630	2.97	2.940	2.98	4.250	2.99	5.570	3.00	6.880	3.01	6.750	3.02	6.630	3.03	6.500
39	3.04	6.630	3.05	6.250	3.06	5.000	3.07	3.750	3.08	2.500	3.09	1.250	3.10	0.00	3.11	-0.940
40	3.12	-1.670	3.13	-2.810	3.14	-3.750	3.15	-4.250	3.16	-4.750	3.17	-5.250	3.18	-5.750	3.19	-6.250
41	3.20	5.600	3.21	5.630	3.22	6.470	3.23	7.500	3.24	8.330	3.25	9.170	3.26	10.000	3.27	9.380
42	3.28	6.750	3.29	6.130	3.30	7.500	3.31	5.750	3.32	4.000	3.33	2.250	3.34	0.500	3.35	-1.250
43	3.36	-3.000	3.37	-4.750	3.38	-6.500	3.39	-8.250	3.40	-10.000	3.41	-11.750	3.42	-13.500	3.43	-15.250
44	3.44	-4.500	3.45	-3.130	3.46	-1.750	3.47	-0.380	3.48	1.000	3.49	2.370	3.50	3.750	3.51	5.130
45	3.52	5.000	3.53	5.630	3.54	6.250	3.55	6.880	3.56	6.750	3.57	6.630	3.58	6.500	3.59	6.380
46	3.60	6.250	3.61	5.000	3.62	3.750	3.63	2.500	3.64	1.250	3.65	0.00	3.66	-1.250	3.67	-2.500
47	3.68	-3.750	3.69	-5.000	3.70	-6.250	3.71	-7.500	3.72	-8.750	3.73	-10.000	3.74	-11.250	3.75	-12.500
48	3.76	-9.500	3.77	-8.750	3.78	-7.920	3.79	-7.080	3.80	-6.250	3.81	-5.410	3.82	-4.570	3.83	-3.730
49	3.84	-2.500	3.85	-1.560	3.86	-0.620	3.87	0.320	3.88	1.250	3.89	2.180	3.90	3.110	3.91	4.040
50	3.92	3.120	3.93	1.020	3.94	0.320	3.95	-1.750	3.96	-3.690	3.97	-5.630	3.98	-7.570	3.99	-9.510
51	4.00	0.00	4.01	1.410	4.02	2.810	4.03	4.220	4.04	5.620	4.05	7.030	4.06	8.440	4.07	9.840
52	4.08	11.250	4.09	10.320	4.10	9.380	4.11	8.190	4.12	7.000	4.13	5.820	4.14	4.630	4.15	3.440
53	4.16	2.250	4.17	1.660	4.18	-0.120	4.19	-1.310	4.20	-2.500	4.21	-3.730	4.22	-4.950	4.23	-6.170
54	4.24	-6.000	4.25	-6.880	4.26	-7.750	4.27	-8.620	4.28	-9.500	4.29	-10.370	4.30	-11.250	4.31	-12.140
55	4.32	-12.500	4.33	-13.130	4.34	-12.150	4.35	-11.160	4.36	-10.180	4.37	-9.200	4.38	-8.220	4.39	-7.230
56	4.40	-6.250	4.41	-4.860	4.42	-3.500	4.43	-2.130	4.44	-0.750	4.45	0.620	4.46	2.000	4.47	3.370
57	4.48	4.750	4.49	6.120	4.50	7.500	4.51	7.750	4.52	8.000	4.53	8.250	4.54	8.500	4.55	8.750
58	4.56	8.380	4.57	8.000	4.58	7.630	4.59	7.250	4.60	6.880	4.61	6.500	4.62	6.120	4.63	5.740
59	4.64	6.130	4.65	3.440	4.66	2.500	4.67	1.670	4.68	0.840	4.69	0.010	4.70	-0.820	4.71	-1.640
60	4.72	-0.500	4.73	-0.750	4.74	-1.000	4.75	-1.250	4.76	-1.500	4.77	-1.750	4.78	-2.000	4.79	-2.250
61	4.80	-2.500	4.81	-3.750	4.82	-5.000	4.83	-6.250	4.84	-7.500	4.85	-8.750	4.86	-10.000	4.87	-11.250
62	4.88	-12.500	4.89	-13.750	4.90	-15.000	4.91	-15.320	4.92	-15.630	4.93	-14.650	4.94	-14.070	4.95	-13.290
63	4.96	-12.510	4.97	-11.720	4.98	-10.940	4.99	-10.160	5.00	-9.380	5.01	-8.600	5.02	-7.820	5.03	-7.040
64	5.04	-0.110	5.05	2.210	5.06	4.530	5.07	6.850	5.08	9.160	5.09	11.480	5.10	13.800	5.11	16.120
65	5.12	14.400	5.13	14.700	5.14	15.000	5.15	13.540	5.16	12.080	5.17	10.630	5.18	9.170	5.19	7.710
66	5.20	6.250	5.21	4.500	5.22	2.750	5.23	1.000	5.24	-0.750	5.25	-2.500	5.26	-4.250	5.27	-6.000
67	5.28	-1.750	5.29	-1.500	5.30	-1.250	5.31	-1.000	5.32	-0.750	5.33	-0.500	5.34	-0.250	5.35	0.00
68	5.36	-0.250	5.37	-0.500	5.38	-0.750	5.39	-1.000	5.40	-1.250	5.41	-1.500	5.42	-1.750	5.43	-2.000
69	5.44	-2.960	5.45	-3.330	5.46	-3.700	5.47	-4.070	5.48	-4.440	5.49	-4.810	5.50	-5.180	5.51	-5.550
70	5.52	-0.470	5.53	0.860	5.54	2.180	5.55	3.510	5.56	4.840	5.57	6.170	5.58	7.500	5.59	8.830
71	5.60	5.000	5.61	3.660	5.62	2.320	5.63	1.000	5.64	0.500	5.65	-0.620	5.66	-1.750	5.67	-2.870
72	5.68	-4.000	5.69	-5.130	5.70	-6.250	5.71	-7.380	5.72	-8.500	5.73	-9.630	5.74	-10.750	5.75	-11.880
73	5.76	-2.500	5.77	-1.880	5.78	-1.250	5.79	-0.630	5.80	0.00	5.81	0.630	5.82	1.250	5.83	1.880
74	5.84	2.500														

[illegible]

Digitized Accelerogram of Earthquake Record with Index Number E-5 (2-NS)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	2.280	0.01	2.280	0.02	2.280	0.03	2.280	0.04	2.280	0.05	2.280	0.06	2.280	0.07	2.280
2	0.08	2.280	0.09	2.280	0.10	2.280	0.11	2.280	0.12	2.280	0.13	2.280	0.14	2.280	0.15	2.280
3	0.16	2.280	0.17	2.280	0.18	2.280	0.19	2.280	0.20	2.280	0.21	2.280	0.22	2.280	0.23	2.280
4	0.24	2.280	0.25	2.280	0.26	2.280	0.27	2.280	0.28	2.280	0.29	2.280	0.30	2.280	0.31	2.280
5	0.32	2.280	0.33	2.280	0.34	2.280	0.35	2.280	0.36	2.280	0.37	2.280	0.38	2.280	0.39	2.280
6	0.40	2.280	0.41	2.280	0.42	2.280	0.43	2.280	0.44	2.280	0.45	2.280	0.46	2.280	0.47	2.280
7	0.48	2.280	0.49	2.280	0.50	2.280	0.51	2.280	0.52	2.280	0.53	2.280	0.54	2.280	0.55	2.280
8	0.56	2.280	0.57	2.280	0.58	2.280	0.59	2.280	0.60	2.280	0.61	2.280	0.62	2.280	0.63	2.280
9	0.64	2.280	0.65	2.280	0.66	2.280	0.67	2.280	0.68	2.280	0.69	2.280	0.70	2.280	0.71	2.280
10	0.72	2.280	0.73	2.280	0.74	2.280	0.75	2.280	0.76	2.280	0.77	2.280	0.78	2.280	0.79	2.280
11	0.80	2.280	0.81	2.280	0.82	2.280	0.83	2.280	0.84	2.280	0.85	2.280	0.86	2.280	0.87	2.280
12	0.88	2.280	0.89	2.280	0.90	2.280	0.91	2.280	0.92	2.280	0.93	2.280	0.94	2.280	0.95	2.280
13	0.96	2.280	0.97	2.280	0.98	2.280	0.99	2.280	1.00	2.280	1.01	2.280	1.02	2.280	1.03	2.280
14	1.04	2.280	1.05	2.280	1.06	2.280	1.07	2.280	1.08	2.280	1.09	2.280	1.10	2.280	1.11	2.280
15	1.12	2.280	1.13	2.280	1.14	2.280	1.15	2.280	1.16	2.280	1.17	2.280	1.18	2.280	1.19	2.280
16	1.20	2.280	1.21	2.280	1.22	2.280	1.23	2.280	1.24	2.280	1.25	2.280	1.26	2.280	1.27	2.280
17	1.28	2.280	1.29	2.280	1.30	2.280	1.31	2.280	1.32	2.280	1.33	2.280	1.34	2.280	1.35	2.280
18	1.36	2.280	1.37	2.280	1.38	2.280	1.39	2.280	1.40	2.280	1.41	2.280	1.42	2.280	1.43	2.280
19	1.44	2.280	1.45	2.280	1.46	2.280	1.47	2.280	1.48	2.280	1.49	2.280	1.50	2.280	1.51	2.280
20	1.52	2.280	1.53	2.280	1.54	2.280	1.55	2.280	1.56	2.280	1.57	2.280	1.58	2.280	1.59	2.280
21	1.60	2.280	1.61	2.280	1.62	2.280	1.63	2.280	1.64	2.280	1.65	2.280	1.66	2.280	1.67	2.280
22	1.68	2.280	1.69	2.280	1.70	2.280	1.71	2.280	1.72	2.280	1.73	2.280	1.74	2.280	1.75	2.280
23	1.76	2.280	1.77	2.280	1.78	2.280	1.79	2.280	1.80	2.280	1.81	2.280	1.82	2.280	1.83	2.280
24	1.84	2.280	1.85	2.280	1.86	2.280	1.87	2.280	1.88	2.280	1.89	2.280	1.90	2.280	1.91	2.280
25	1.92	2.280	1.93	2.280	1.94	2.280	1.95	2.280	1.96	2.280	1.97	2.280	1.98	2.280	1.99	2.280
26	2.00	2.280	2.01	2.280	2.02	2.280	2.03	2.280	2.04	2.280	2.05	2.280	2.06	2.280	2.07	2.280
27	2.08	2.280	2.09	2.280	2.10	2.280	2.11	2.280	2.12	2.280	2.13	2.280	2.14	2.280	2.15	2.280
28	2.16	2.280	2.17	2.280	2.18	2.280	2.19	2.280	2.20	2.280	2.21	2.280	2.22	2.280	2.23	2.280
29	2.24	2.280	2.25	2.280	2.26	2.280	2.27	2.280	2.28	2.280	2.29	2.280	2.30	2.280	2.31	2.280
30	2.32	2.280	2.33	2.280	2.34	2.280	2.35	2.280	2.36	2.280	2.37	2.280	2.38	2.280	2.39	2.280
31	2.40	2.280	2.41	2.280	2.42	2.280	2.43	2.280	2.44	2.280	2.45	2.280	2.46	2.280	2.47	2.280
32	2.48	2.280	2.49	2.280	2.50	2.280	2.51	2.280	2.52	2.280	2.53	2.280	2.54	2.280	2.55	2.280
33	2.56	2.280	2.57	2.280	2.58	2.280	2.59	2.280	2.60	2.280	2.61	2.280	2.62	2.280	2.63	2.280
34	2.64	2.280	2.65	2.280	2.66	2.280	2.67	2.280	2.68	2.280	2.69	2.280	2.70	2.280	2.71	2.280
35	2.72	2.280	2.73	2.280	2.74	2.280	2.75	2.280	2.76	2.280	2.77	2.280	2.78	2.280	2.79	2.280
36	2.80	2.280	2.81	2.280	2.82	2.280	2.83	2.280	2.84	2.280	2.85	2.280	2.86	2.280	2.87	2.280
37	2.88	2.280	2.89	2.280	2.90	2.280	2.91	2.280	2.92	2.280	2.93	2.280	2.94	2.280	2.95	2.280
38	2.96	2.280	2.97	2.280	2.98	2.280	2.99	2.280	3.00	2.280	3.01	2.280	3.02	2.280	3.03	2.280
39	3.04	2.280	3.05	2.280	3.06	2.280	3.07	2.280	3.08	2.280	3.09	2.280	3.10	2.280	3.11	2.280
40	3.12	2.280	3.13	2.280	3.14	2.280	3.15	2.280	3.16	2.280	3.17	2.280	3.18	2.280	3.19	2.280
41	3.20	2.280	3.21	2.280	3.22	2.280	3.23	2.280	3.24	2.280	3.25	2.280	3.26	2.280	3.27	2.280
42	3.28	2.280	3.29	2.280	3.30	2.280	3.31	2.280	3.32	2.280	3.33	2.280	3.34	2.280	3.35	2.280
43	3.36	2.280	3.37	2.280	3.38	2.280	3.39	2.280	3.40	2.280	3.41	2.280	3.42	2.280	3.43	2.280
44	3.44	2.280	3.45	2.280	3.46	2.280	3.47	2.280	3.48	2.280	3.49	2.280	3.50	2.280	3.51	2.280
45	3.52	2.280	3.53	2.280	3.54	2.280	3.55	2.280	3.56	2.280	3.57	2.280	3.58	2.280	3.59	2.280
46	3.60	2.280	3.61	2.280	3.62	2.280	3.63	2.280	3.64	2.280	3.65	2.280	3.66	2.280	3.67	2.280
47	3.68	2.280	3.69	2.280	3.70	2.280	3.71	2.280	3.72	2.280	3.73	2.280	3.74	2.280	3.75	2.280
48	3.76	2.280	3.77	2.280	3.78	2.280	3.79	2.280	3.80	2.280	3.81	2.280	3.82	2.280	3.83	2.280
49	3.84	2.280	3.85	2.280	3.86	2.280	3.87	2.280	3.88	2.280	3.89	2.280	3.90	2.280	3.91	2.280
50	3.92	2.280	3.93	2.280	3.94	2.280	3.95	2.280	3.96	2.280	3.97	2.280	3.98	2.280	3.99	2.280
51	4.00	2.280	4.01	2.280	4.02	2.280	4.03	2.280	4.04	2.280	4.05	2.280	4.06	2.280	4.07	2.280
52	4.08	2.280	4.09	2.280	4.10	2.280	4.11	2.280	4.12	2.280	4.13	2.280	4.14	2.280	4.15	2.280
53	4.16	2.280	4.17	2.280	4.18	2.280	4.19	2.280	4.20	2.280	4.21	2.280	4.22	2.280	4.23	2.280
54	4.24	2.280	4.25	2.280	4.26	2.280	4.27	2.280	4.28	2.280	4.29	2.280	4.30	2.280	4.31	2.280
55	4.32	2.280	4.33	2.280	4.34	2.280	4.35	2.280	4.36	2.280	4.37	2.280	4.38	2.280	4.39	2.280
56	4.40	2.280	4.41	2.280	4.42	2.280	4.43	2.280	4.44	2.280	4.45	2.280	4.46	2.280	4.47	2.280
57	4.48	2.280	4.49	2.280	4.50	2.280	4.51	2.280	4.52	2.280	4.53	2.280	4.54	2.280	4.55	2.280
58	4.56	2.280	4.57	2.280	4.58	2.280	4.59	2.280	4.60	2.280	4.61	2.280	4.62	2.280	4.63	2.280
59	4.64	2.280	4.65	2.280	4.66	2.280	4.67	2.280	4.68	2.280	4.69	2.280	4.70	2.280	4.71	2.280
60	4.72	2.280	4.73	2.280	4.74	2.280	4.75	2.280	4.76	2.280	4.77	2.280	4.78	2.280	4.79	2.280
61	4.80	2.280	4.81	2.280	4.82	2.280	4.83	2.280	4.84	2.280	4.85	2.280	4.86	2.280	4.87	2.280
62	4.88	2.280	4.89	2.280	4.90	2.280	4.91	2.280	4.92	2.280	4.93	2.280	4.94	2.280	4.95	2.280
63	4.96	2.280	4.97	2.280	4.98	2.280	4.99	2.280	5.00	2.280	5.01	2.280	5.02	2.280	5.03	2.280
64	5.04	2.280	5.05	2.280	5.06	2.280	5.07	2.280	5.08	2.280	5.09	2.280	5.10	2.280	5.11	2.280
65	5.12	2.280	5.13	2.280	5.14	2.280	5.15	2.280	5.16	2.280	5.17	2.280	5.18	2.280	5.19	2.280
66	5.20	2.280	5.21	2.280	5.22	2.280	5.23	2.280	5.24	2.280	5.25	2.280	5.26	2.280	5.27	2.280
67	5.28	2.280	5.29	2.280	5.30	2.280	5.31	2.280	5.32	2.280	5.33	2.280	5.34	2.280	5.35	2.280
68	5.36	2.280	5.37	2.280	5.38	2.280	5.39	2.280	5.40	2.280	5.41	2.280	5.42	2.280	5.43	2.280
69	5.44	2.280	5.45	2.280	5.46	2.280	5.47	2.280	5.48	2.280	5.49	2.280	5.50	2.280	5.51	2.280
70	5.52	2.280	5.53	2.280	5.54	2.280	5.55	2.280	5.56	2.280	5.57	2.280	5.58	2.280	5.59	2.280
71	5.60	2.280	5.61	2.280	5.62	2.280	5.63	2.280	5.64	2.280	5.65	2.280	5.66	2.280	5.67	2.280
72	5.68	2.280	5.69	2.280	5.70	2.280	5.71	2.280	5.72	2.280	5.73	2.280	5.74	2.280	5.75	2.280
73	5.76	2.280	5.77	2.280	5.78	2.280	5.79	2.280	5.80	2.280	5.81	2.280	5.82	2.280	5.83	2.280
74	5.84	2.280	5.85	2.280	5.86	2.280	5.87	2.280	5.88	2.280	5.89	2.280	5.90	2.280	5.91	2.280
75	5.92	2.280	5.93	2.280												

Digitized Accelerogram of Earthquake Record with Index Number E-6 (2-NS)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	4.086	0.01	2.357	0.02	1.211	0.03	1.282	0.04	2.111	0.05	2.764	0.06	2.731	0.07	2.267		
2	0.08	1.988	0.09	2.229	0.10	2.813	0.11	3.284	0.12	3.369	0.13	3.178	0.14	3.052	0.15	2.267		
3	0.16	3.699	0.17	3.992	0.18	3.889	0.19	3.261	0.20	2.365	0.21	1.649	0.22	1.435	0.23	1.647		
4	0.24	1.827	0.25	1.480	0.26	0.579	0.27	-0.190	0.28	0.282	0.29	2.742	0.30	6.799	0.31	10.814		
5	0.32	1.052	0.33	11.187	0.34	6.793	0.35	1.538	0.36	-2.258	0.37	-3.390	0.38	-2.359	0.39	-0.778		
6	0.40	-0.106	0.41	-0.688	0.42	-1.615	0.43	-1.748	0.44	-0.482	0.45	1.703	0.46	3.666	0.47	4.431		
7	0.48	3.834	0.49	2.530	0.50	0.774	0.51	1.010	0.52	1.130	0.53	1.362	0.54	1.315	0.55	1.066		
8	0.56	0.874	0.57	0.845	0.58	3.624	0.59	4.321	0.60	3.709	0.61	-1.611	0.62	-2.179	0.63	-1.742		
9	0.64	-0.224	0.65	1.857	0.66	0.690	0.67	0.539	0.68	0.076	0.69	2.465	0.70	1.221	0.71	0.613		
10	0.72	0.647	0.73	0.888	0.74	2.311	0.75	2.319	0.76	2.336	0.77	2.629	0.78	0.058	0.79	0.661		
11	0.80	1.418	0.81	2.030	0.82	1.422	0.83	1.296	0.84	0.197	0.85	0.078	0.86	0.914	0.87	1.991		
12	0.88	3.402	0.89	2.533	0.90	3.185	0.91	3.176	1.00	2.244	1.01	2.286	1.02	2.568	1.03	2.782		
13	0.96	2.907	0.97	2.964	1.06	3.185	1.07	2.590	1.08	2.677	1.09	1.822	1.10	1.211	1.11	1.196		
14	1.04	2.856	1.05	0.682	1.14	-0.958	1.15	-2.314	1.16	-1.730	1.17	1.391	1.18	5.776	1.19	9.273		
15	1.12	1.305	1.13	0.482	1.22	10.123	1.23	10.520	1.24	11.251	1.25	11.472	1.26	11.093	1.27	11.094		
16	1.20	10.650	1.21	10.448	1.30	15.998	1.31	15.998	1.32	22.311	1.33	21.715	1.34	22.866	1.35	20.873		
17	1.28	12.658	1.29	15.948	1.38	11.677	1.39	-15.827	1.40	-45.762	1.41	-86.368	1.42	-72.448	1.43	-71.498		
18	1.36	30.733	1.37	27.724	1.46	-133.647	1.47	-151.283	1.48	-135.874	1.49	-85.132	1.50	-16.739	1.51	31.159		
19	1.44	-70.262	1.45	-101.441	1.54	51.287	1.55	74.860	1.56	116.172	1.57	150.616	1.58	155.642	1.59	152.753		
20	1.52	51.463	1.53	49.835	1.62	138.519	1.63	163.235	1.64	145.154	1.65	72.866	1.66	-25.456	1.67	-93.074		
21	1.60	108.269	1.61	109.820	1.70	-15.291	1.71	6.317	1.72	-6.396	1.73	-32.742	1.74	-47.607	1.75	-42.353		
22	1.68	-103.421	1.69	-84.126	1.78	-9.481	1.79	-9.484	1.80	-7.464	1.81	-1.102	1.82	7.960	1.83	17.171		
23	1.76	-28.158	1.77	-26.564	1.86	21.833	1.87	9.724	1.88	-4.792	1.89	-15.827	1.90	-19.980	1.91	-16.680		
24	1.84	24.257	1.85	-14.384	1.94	-20.159	1.95	-26.556	1.96	-32.888	1.97	-34.940	1.98	-28.293	1.99	-11.751		
25	1.92	-16.274	1.93	-14.384	2.02	36.719	2.03	36.719	2.04	39.793	2.05	49.482	2.06	66.482	2.07	78.737		
26	2.00	9.902	2.01	27.875	2.10	-32.247	2.11	-28.954	2.12	-18.437	2.13	3.816	2.14	5.872	2.15	0.680		
27	2.08	75.520	2.09	55.467	2.18	-14.144	2.19	-2.155	2.20	3.465	2.21	7.194	2.22	-0.744	2.23	-0.235		
28	2.16	-12.003	2.17	-19.368	2.26	-12.906	2.27	-4.026	2.28	4.685	2.29	12.650	2.30	20.751	2.31	25.960		
29	2.24	-2.579	2.25	-3.578	2.34	27.141	2.35	15.871	2.36	6.641	2.37	3.359	2.38	5.017	2.39	7.168		
30	2.32	-20.581	2.33	-19.368	2.42	-3.309	2.43	-7.067	2.44	-9.073	2.45	-10.189	2.46	-11.376	2.47	-13.462		
31	2.40	34.760	2.41	34.547	2.50	-25.120	2.51	-23.640	2.52	-17.336	2.53	-11.394	2.54	-12.713	2.55	-22.448		
32	2.48	4.684	2.49	-21.806	2.58	-6.719	2.59	-20.760	2.60	41.739	2.61	42.251	2.62	25.363	2.63	5.833		
33	2.56	-17.118	2.57	-27.310	2.66	12.071	2.67	18.006	2.68	17.035	2.69	12.400	2.70	7.691	2.71	3.014		
34	2.64	-32.110	2.65	-27.310	2.74	-16.897	2.75	-10.035	2.76	-12.201	2.77	-5.978	2.78	-2.748	2.79	-3.636		
35	2.72	-2.704	2.73	-2.702	2.82	-7.364	2.83	-6.035	2.84	-5.295	2.85	-7.627	2.86	-9.362	2.87	-8.621		
36	2.80	-3.384	2.81	-11.168	2.90	5.234	2.91	6.728	2.92	5.295	2.93	3.074	2.94	2.152	2.95	2.836		
37	2.88	-6.371	2.89	-7.949	2.98	2.220	2.99	1.079	3.00	1.227	3.01	2.531	3.02	3.941	3.03	3.111		
38	2.96	-5.027	2.97	0.610	3.06	4.702	3.07	4.998	3.08	5.322	3.09	5.780	3.10	6.563	3.11	7.652		
39	3.04	3.763	3.05	4.562	3.14	11.631	3.15	13.030	3.16	13.761	3.17	13.077	3.18	10.807	3.19	7.652		
40	3.12	8.894	3.13	10.198	3.22	1.202	3.23	0.159	3.24	-0.937	3.25	-2.258	3.26	-3.930	3.27	-5.985		
41	3.20	8.894	3.21	10.198	3.30	-9.378	3.31	-7.953	3.32	-5.985	3.33	-4.430	3.34	-3.693	3.35	-3.612		
42	3.28	8.894	3.29	10.198	3.38	-4.415	3.39	-4.415	3.40	-2.665	3.41	-1.510	3.42	5.887	3.43	8.177		
43	3.36	-8.074	3.37	-9.433	3.46	2.986	3.47	1.941	3.48	5.433	3.49	7.105	3.50	6.959	3.51	5.223		
44	3.44	-3.952	3.45	-4.615	3.54	1.881	3.55	1.941	3.56	-0.395	3.57	-1.320	3.58	-1.620	3.59	-2.378		
45	3.52	7.399	3.53	4.837	3.62	3.667	3.63	5.187	3.64	-6.625	3.65	-7.972	3.66	-10.101	3.67	-11.833		
46	3.60	3.248	3.61	2.118	3.70	-13.229	3.71	-15.993	3.72	-17.482	3.73	-16.101	3.74	-11.833	3.75	-6.189		
47	3.68	-0.567	3.69	-2.058	3.78	1.326	3.79	1.710	3.80	2.400	3.81	3.385	3.82	4.334	3.83	5.112		
48	3.76	-9.919	3.77	-10.976	3.86	7.603	3.87	8.822	3.88	10.418	3.89	12.187	3.90	13.401	3.91	13.187		
49	3.84	-1.921	3.85	0.499	3.94	6.478	3.95	5.691	3.96	5.917	3.97	6.095	3.98	5.510	3.99	4.409		
50	3.92	5.837	3.93	6.645	4.02	4.233	4.03	4.591	4.04	4.263	4.05	3.467	4.06	2.826	4.07	2.753		
51	4.00	11.313	4.01	8.626	4.10	2.309	4.11	0.610	4.12	-1.426	4.13	-3.008	4.14	-3.728	4.15	-3.922		
52	4.08	3.620	4.09	3.658	4.18	-7.692	4.19	-9.958	4.20	-8.438	4.21	-5.980	4.22	-2.645	4.23	0.046		
53	4.16	3.061	4.17	1.106	4.26	0.701	4.27	0.722	4.28	1.356	4.29	1.932	4.30	2.015	4.31	1.575		
54	4.24	-4.417	4.25	-5.787	4.34	0.666	4.35	0.922	4.36	1.135	4.37	1.175	4.38	1.031	4.39	0.869		
55	4.32	1.210	4.33	1.106	4.42	1.366	4.43	1.566	4.44	1.539	4.45	1.364	4.46	1.285	4.47	1.148		
56	4.40	0.982	4.41	0.635	4.50	1.791	4.51	0.832	4.52	-0.395	4.53	-1.320	4.54	-1.620	4.55	-2.378		
57	4.48	0.651	4.49	1.064	4.58	-3.455	4.59	-4.184	4.60	-3.680	4.61	-1.833	4.62	0.564	4.63	2.378		
58	4.56	1.886	4.57	2.117	4.66	2.898	4.67	3.962	4.68	5.526	4.69	6.671	4.70	6.512	4.71	5.038		
59	4.64	-1.601	4.65	-2.318	4.74	1.785	4.75	1.784	4.76	1.960	4.77	1.565	4.78	0.768	4.79	0.103		
60	4.72	3.023	4.73	2.898	4.82	0.781	4.83	0.997	4.84	0.865	4.85	0.554	4.86	0.313	4.87	0.276		
61	4.80	0.718	4.81	1.785	4.90	-0.086	4.91	-0.086	4.92	-0.524	4.93	-0.856	4.94	-0.959	4.95	-0.937		
62	4.88	-0.086	4.89	-0.086	5.00	-1.799	5.01	-2.707	5.02	-1.866	5.03	-1.236	5.04	-0.454	5.05	0.161		
63	4.96	0.382	4.97	0.448	5.10	0.541	5.11	0.656	5.12	0.949	5.13	1.385	5.14	1.846	5.15	2.181		
64	5.04	-1.021	5.05	-1.349	5.14	2.778	5.15	3.456	5.16	4.208	5.17	4.459	5.18	3.825	5.19	2.427		
65	5.12	0.464	5.13	0.529	5.22	0.122	5.23	0.505	5.24	0.652	5.25	0.283	5.26	-0.386	5.27	-0.335		
66	5.20	2.332	5.21	2.442	5.30	-1.499	5.31	-1.903	5.32	-2.599	5.33	-3.111	5.34	-3.403	5.35	-3.582		
67	5.28	0.958	5.29	0.128	5.38	-5.009	5.39	-5.453	5.40	-5.488	5.41	-5.199	5.42	-4.945	5.43	-5.053		
68	5.36	-1.188	5.37	-1.277	5.46	-5.291	5.47	-4.141	5.48	-2.683	5.49	-1.454	5.50	-0.643	5.51	-0.009		
69	5.44	-3.867	5.45	-4.382	5.54	2.575	5.55	3.289	5.56	3.966	5.57	4.939	5.58	6.130	5.59	7.037		
70	5.52	-3.463	5.53	-4.382	5.62	3.574	5.63	4.122	5.64	3.882	5.65	4.120	5.66	4.412				

Digitized Accelerogram of Earthquake Record with Index Number E-7 (2-EW)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-1.000	0.01	-0.440	0.02	0.130	0.03	0.690	0.04	1.250	0.05	1.820	0.06	2.380	0.07	2.940
2	0.06	3.590	0.09	4.070	0.10	4.630	0.11	5.190	0.12	5.750	0.13	6.310	0.14	6.870	0.15	7.430
3	0.16	6.990	0.17	7.470	0.18	7.930	0.19	8.490	0.20	9.050	0.21	9.610	0.22	10.170	0.23	10.730
4	0.24	5.750	0.25	6.210	0.26	6.670	0.27	7.130	0.28	7.590	0.29	8.050	0.30	8.510	0.31	8.970
5	0.32	3.790	0.33	4.250	0.34	4.710	0.35	5.170	0.36	5.630	0.37	6.090	0.38	6.550	0.39	7.010
6	0.40	-10.300	0.41	-9.060	0.42	-7.810	0.43	-6.570	0.44	-5.330	0.45	-4.090	0.46	-2.840	0.47	-1.600
7	0.48	-0.360	0.49	0.090	0.50	1.340	0.51	2.590	0.52	3.840	0.53	5.090	0.54	6.340	0.55	7.590
8	0.56	3.910	0.57	4.720	0.58	5.520	0.59	6.330	0.60	7.130	0.61	7.940	0.62	8.740	0.63	9.550
9	0.64	0.630	0.65	-1.000	0.66	-0.500	0.67	0.0	0.68	0.500	0.69	1.000	0.70	1.500	0.71	2.000
10	0.72	2.280	0.73	2.670	0.74	3.070	0.75	3.460	0.76	3.850	0.77	4.240	0.78	4.630	0.79	5.020
11	0.80	0.880	0.81	-1.930	0.82	-4.750	0.83	-7.560	0.84	-10.380	0.85	-13.190	0.86	-16.000	0.87	-18.810
12	0.88	-1.630	0.89	0.560	0.90	2.750	0.91	4.940	0.92	7.130	0.93	9.320	0.94	11.510	0.95	13.700
13	0.96	-0.630	0.97	-1.190	0.98	-1.750	0.99	-2.320	1.00	-2.880	1.01	-3.440	1.02	-4.000	1.03	-4.560
14	1.04	-10.690	1.05	-12.640	1.06	-14.600	1.07	-16.550	1.08	-18.500	1.09	-20.450	1.10	-22.400	1.11	-24.350
15	1.12	-13.880	1.13	-11.680	1.14	-9.880	1.15	-7.080	1.16	-5.270	1.17	-3.470	1.18	-1.670	1.19	0.130
16	1.20	2.130	1.21	-2.250	1.22	-6.620	1.23	-11.000	1.24	-15.370	1.25	-19.750	1.26	-24.130	1.27	-28.500
17	1.28	-32.880	1.29	-37.250	1.30	-41.630	1.31	-45.990	1.32	-50.370	1.33	-54.750	1.34	-59.130	1.35	-63.500
18	1.36	-15.750	1.37	-11.440	1.38	-7.130	1.39	-2.810	1.40	1.500	1.41	5.790	1.42	10.080	1.43	14.370
19	1.44	41.750	1.45	51.810	1.46	61.880	1.47	71.940	1.48	82.000	1.49	92.070	1.50	102.130	1.51	112.200
20	1.52	9.630	1.53	-36.630	1.54	-82.080	1.55	-129.130	1.56	-175.180	1.57	-221.230	1.58	-267.280	1.59	-313.330
21	1.60	-10.380	1.61	-2.250	1.62	5.070	1.63	14.000	1.64	22.120	1.65	30.250	1.66	38.380	1.67	46.500
22	1.68	54.630	1.69	62.750	1.70	70.880	1.71	79.000	1.72	87.130	1.73	95.250	1.74	103.380	1.75	111.500
23	1.76	89.630	1.77	92.750	1.78	95.880	1.79	99.000	1.80	102.130	1.81	105.250	1.82	108.380	1.83	111.500
24	1.84	-51.010	1.85	-43.190	1.86	-35.380	1.87	-27.570	1.88	-19.760	1.89	-11.940	1.90	-4.130	1.91	3.680
25	1.92	5.590	1.93	10.460	1.94	15.320	1.95	20.180	1.96	25.040	1.97	29.910	1.98	34.770	1.99	39.630
26	2.00	-4.130	2.01	-10.380	2.02	-16.630	2.03	-22.880	2.04	-29.130	2.05	-35.380	2.06	-41.630	2.07	-47.880
27	2.08	-8.290	2.09	-3.660	2.10	2.130	2.11	4.730	2.12	7.340	2.13	9.940	2.14	12.540	2.15	15.150
28	2.16	17.750	2.17	15.680	2.18	14.000	2.19	12.130	2.20	10.250	2.21	8.370	2.22	6.500	2.23	4.630
29	2.24	-5.500	2.25	-9.440	2.26	-13.380	2.27	-17.320	2.28	-21.250	2.29	-25.190	2.30	-29.130	2.31	-33.070
30	2.32	-23.400	2.33	-19.940	2.34	-16.880	2.35	-13.820	2.36	-10.750	2.37	-7.690	2.38	-4.630	2.39	-1.560
31	2.36	1.500	2.41	5.310	2.42	9.130	2.43	12.940	2.44	16.750	2.45	20.560	2.46	24.370	2.47	28.180
32	2.48	32.000	2.49	35.620	2.50	39.240	2.51	42.870	2.52	46.500	2.53	50.130	2.54	53.750	2.55	57.380
33	2.56	-25.530	2.57	-36.390	2.58	-47.250	2.59	-58.110	2.60	-68.970	2.61	-79.830	2.62	-90.690	2.63	-101.550
34	2.64	-4.130	2.65	-2.120	2.66	0.380	2.67	2.880	2.68	5.380	2.69	7.880	2.70	10.380	2.71	12.880
35	2.72	23.380	2.73	18.360	2.74	13.340	2.75	8.320	2.76	3.300	2.77	-1.720	2.78	-6.700	2.79	-11.680
36	2.80	-16.630	2.81	-13.500	2.82	-10.380	2.83	-7.250	2.84	-4.130	2.85	-1.000	2.86	2.130	2.87	5.260
37	2.88	-6.250	2.89	-8.000	2.90	-9.750	2.91	-11.500	2.92	-13.250	2.93	-15.000	2.94	-16.750	2.95	-18.500
38	2.96	3.080	2.97	5.220	2.98	7.350	2.99	9.490	3.00	11.630	3.01	13.770	3.02	15.910	3.03	18.050
39	3.04	9.050	3.05	9.070	3.06	8.550	3.07	8.030	3.08	7.510	3.09	6.990	3.10	6.470	3.11	5.950
40	3.12	6.000	3.13	5.750	3.14	5.500	3.15	5.250	3.16	5.000	3.17	4.750	3.18	4.500	3.19	4.250
41	3.20	11.500	3.21	10.680	3.22	10.250	3.23	9.820	3.24	9.390	3.25	8.960	3.26	8.530	3.27	8.100
42	3.28	-6.630	3.29	-9.440	3.30	-12.250	3.31	-15.060	3.32	-17.870	3.33	-20.680	3.34	-23.490	3.35	-26.300
43	3.36	-3.250	3.37	-1.750	3.38	-0.250	3.39	1.250	3.40	2.750	3.41	4.250	3.42	5.750	3.43	7.250
44	3.44	-5.500	3.45	-7.570	3.46	-9.630	3.47	-11.690	3.48	-13.750	3.49	-15.810	3.50	-17.880	3.51	-19.940
45	3.52	6.590	3.53	5.700	3.54	4.810	3.55	3.920	3.56	3.030	3.57	2.130	3.58	1.240	3.59	0.350
46	3.60	-1.000	3.61	-1.090	3.62	-1.180	3.63	-1.270	3.64	-1.360	3.65	-1.450	3.66	-1.540	3.67	-1.630
47	3.68	-2.480	3.69	-3.300	3.70	-4.130	3.71	-4.940	3.72	-5.750	3.73	-6.560	3.74	-7.370	3.75	-8.180
48	3.76	-2.080	3.77	-1.630	3.78	-1.180	3.79	-0.730	3.80	-0.280	3.81	0.170	3.82	0.620	3.83	1.070
49	3.84	4.130	3.85	4.630	3.86	5.130	3.87	5.630	3.88	6.130	3.89	6.630	3.90	7.130	3.91	7.630
50	3.92	-14.380	3.93	-13.680	3.94	-12.980	3.95	-12.280	3.96	-11.580	3.97	-10.880	3.98	-10.180	3.99	-9.480
51	4.00	-10.380	4.01	-8.320	4.02	-6.250	4.03	-4.180	4.04	-2.120	4.05	-0.060	4.06	1.900	4.07	3.840
52	4.08	6.120	4.09	8.190	4.10	10.250	4.11	12.310	4.12	14.370	4.13	16.430	4.14	18.490	4.15	20.550
53	4.16	11.190	4.17	11.340	4.18	11.500	4.19	11.650	4.20	11.800	4.21	11.950	4.22	12.100	4.23	12.250
54	4.24	-17.880	4.25	-15.690	4.26	-13.500	4.27	-11.310	4.28	-9.130	4.29	-6.940	4.30	-4.750	4.31	-2.560
55	4.32	-1.120	4.33	0.690	4.34	2.500	4.35	4.310	4.36	6.130	4.37	7.940	4.38	9.750	4.39	11.570
56	4.40	13.380	4.41	11.130	4.42	8.880	4.43	6.630	4.44	4.380	4.45	2.130	4.46	-0.130	4.47	-2.380
57	4.48	-4.630	4.49	-6.880	4.50	-9.130	4.51	-11.380	4.52	-13.630	4.53	-15.880	4.54	-18.130	4.55	-20.380
58	4.56	1.360	4.57	3.130	4.58	4.880	4.59	6.630	4.60	8.380	4.61	10.130	4.62	11.880	4.63	13.630
59	4.64	1.680	4.65	-0.370	4.66	-2.130	4.67	-3.880	4.68	-5.630	4.69	-7.380	4.70	-9.130	4.71	-10.880
60	4.72	-7.000	4.73	-5.940	4.74	-4.880	4.75	-3.820	4.76	-2.760	4.77	-1.700	4.78	-0.640	4.79	0.420
61	4.80	1.500	4.81	1.130	4.82	0.750	4.83	0.380	4.84	0.0	4.85	-0.370	4.86	-0.750	4.87	-1.120
62	4.88	-1.500	4.89	-1.870	4.90	-2.250	4.91	-2.620	4.92	-2.990	4.93	-3.360	4.94	-3.730	4.95	-4.100
63	4.96	1.130	4.97	1.690	4.98	2.250	4.99	2.810	5.00	3.370	5.01	3.930	5.02	4.490	5.03	5.050
64	5.04	0.610	5.05	0.340	5.06	0.070	5.07	-0.190	5.08	-0.460	5.09	-0.730	5.10	-1.000	5.11	-1.270
65	5.12	-3.620	5.13	-5.220	5.14	-6.830	5.15	-8.430	5.16	-10.040	5.17	-11.640	5.18	-13.240	5.19	-14.850
66	5.20	-4.130	5.21	-3.500	5.22	-2.880	5.23	-2.250	5.24	-1.630	5.25	-1.000	5.26	-0.380	5.27	0.250
67	5.28	-0.630	5.29	-0.500	5.30	-0.380	5.31	-0.250	5.32	-0.130	5.33	0.000	5.34	0.130	5.35	0.250
68	5.36	1.130	5.37	1.380	5.38	1.630	5.39	1.880	5.40	2.130	5.41	2.380	5.42	2.630	5.43	2.880
69	5.44	1.570	5.45	1.840	5.46	2.110	5.47	2.380	5.48	2.650	5.49	2.920	5.50	3.190	5.51	3.460
70	5.52	-0.630	5.53	-7.880	5.54	-9.130	5.55	-10.380	5.56	-11.630	5.57	-12.880	5.58	-14.130	5.59	-15.380
71	5.60	-16.630	5.61	-15.010	5.62	-13.380	5.63	-11.760	5.64	-10.150	5.65	-8.540	5.66	-6.930	5.67	-5.320
72	5.68	-3.630	5.69	-2.000	5.70	-0.380	5.71	0.560	5.72	1.400	5.73	2.240	5.74	3.080	5.75	3.920
73	5.76	5.250	5.77	6.190	5.78	7.130	5.79	8.070	5.80	9.010	5.81	9.950	5.82	10.890	5	

Digitized Accelerogram of Earthquake Record with Index Number E-8 (2-EW)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	0.905	0.01	2.659	0.02	3.346	0.03	3.191	0.04	3.317	0.05	4.430	0.06	5.972	0.07	6.302
2	0.08	4.585	0.09	1.796	0.10	0.140	0.11	1.128	0.12	4.226	0.13	7.432	0.14	9.183	0.15	9.602
3	0.16	9.851	0.17	10.432	0.18	10.466	0.19	8.806	0.20	5.705	0.21	2.986	0.22	2.204	0.23	3.208
4	0.24	3.089	0.25	1.787	0.26	-1.281	0.27	-2.691	0.28	-0.330	0.29	4.760	0.30	8.908	0.31	8.787
5	0.32	4.031	0.33	-2.035	0.34	-0.775	0.35	-12.417	0.36	-14.145	0.37	-14.561	0.38	-13.443	0.39	-10.318
6	0.40	-5.784	0.41	-1.717	0.42	0.163	0.43	0.329	0.44	-0.568	0.45	0.488	0.46	3.014	0.47	5.171
7	0.48	5.166	0.49	3.095	0.50	0.846	0.51	0.329	0.52	1.071	0.53	4.380	0.54	6.349	0.55	7.723
8	0.56	8.750	0.57	9.285	0.58	8.366	0.59	5.178	0.60	0.304	0.61	-4.197	0.62	-6.166	0.63	-4.956
9	0.64	-1.722	0.65	1.451	0.66	3.208	0.67	3.482	0.68	3.073	0.69	2.783	0.70	2.908	0.71	3.327
10	0.72	3.863	0.73	4.499	0.74	5.249	0.75	5.804	0.76	5.323	0.77	2.729	0.78	-2.466	0.79	-9.324
11	0.80	-15.459	0.81	-10.134	0.82	-15.902	0.83	-9.559	0.84	-1.688	0.85	4.836	0.86	0.266	0.87	8.453
12	0.88	6.382	0.89	3.387	0.90	0.579	0.91	-1.402	0.92	-2.395	0.93	-2.581	0.94	-2.284	0.95	-1.882
13	0.96	-1.064	0.97	-2.810	0.98	-5.076	0.99	-8.356	1.00	-11.685	1.01	-14.144	1.02	-15.710	1.03	-17.277
14	1.04	-19.631	1.05	-22.315	1.06	-23.637	1.07	-22.003	1.08	-17.366	1.09	-11.474	1.10	-6.704	1.11	-4.485
15	1.12	-4.451	1.13	-1.732	1.14	-3.159	1.15	-1.139	1.16	6.321	1.17	9.195	1.18	5.344	1.19	-4.746
16	1.20	-17.561	1.21	-27.602	1.22	-39.156	1.23	-29.709	1.24	-31.470	1.25	-38.662	1.26	-40.322	1.27	-33.480
17	1.28	-49.261	1.29	-37.138	1.30	-23.459	1.31	-13.933	1.32	-9.514	1.33	-7.212	1.34	-4.237	1.35	-0.703
18	1.36	1.067	1.37	4.249	1.38	10.737	1.39	25.491	1.40	48.985	1.41	66.732	1.42	75.601	1.43	73.532
19	1.44	72.650	1.45	88.617	1.46	121.115	1.47	146.119	1.48	126.239	1.49	59.743	1.50	-94.837	1.51	-221.324
20	1.52	-278.619	1.53	-240.741	1.54	-133.544	1.55	-15.685	1.56	60.215	1.57	76.693	1.58	52.704	1.59	22.307
21	1.60	10.359	1.61	21.006	1.62	42.162	1.63	58.182	1.64	62.166	1.65	60.257	1.66	65.046	1.67	82.163
22	1.68	101.717	1.69	105.375	1.70	86.120	1.71	61.519	1.72	62.144	1.73	99.885	1.74	145.952	1.75	146.104
23	1.76	66.942	1.77	-67.055	1.78	-183.742	1.79	-216.779	1.80	-157.037	1.81	-56.755	1.82	15.359	1.83	27.573
24	1.84	-1.078	1.85	-27.149	1.86	-23.637	1.87	-22.003	1.88	-17.366	1.89	-11.474	1.90	-6.704	1.91	-4.485
25	1.92	9.154	1.93	26.300	1.94	51.294	1.95	66.350	1.96	53.777	1.97	17.430	1.98	-32.629	1.99	-69.749
26	2.00	-76.109	2.01	-54.951	2.02	-25.465	2.03	-6.151	2.04	-1.062	2.05	-1.137	2.06	-1.060	2.07	-11.592
27	2.08	17.576	2.09	16.844	2.10	12.959	2.11	12.581	2.12	17.617	2.13	23.353	2.14	23.973	2.15	10.540
28	2.16	11.030	2.17	5.411	2.18	1.917	2.19	-1.797	2.20	-6.982	2.21	-12.305	2.22	-15.914	2.23	-10.134
29	2.24	-21.380	2.25	-27.344	2.26	-34.505	2.27	-38.686	2.28	-36.331	2.29	-27.619	2.30	-16.621	2.31	-8.295
30	2.32	-4.832	2.33	-4.507	2.34	-3.932	2.35	-1.355	2.36	2.317	2.37	5.571	2.38	8.689	2.39	13.320
31	2.40	19.653	2.41	25.083	2.42	26.927	2.43	26.512	2.44	29.117	2.45	38.272	2.46	49.982	2.47	54.087
32	2.48	82.940	2.49	19.049	2.50	-6.719	2.51	-25.070	2.52	-36.059	2.53	-46.395	2.54	-59.404	2.55	-69.022
33	2.56	-66.924	2.57	-43.795	2.58	-14.430	2.59	-6.438	2.60	16.057	2.61	11.647	2.62	5.934	2.63	7.750
34	2.64	18.422	2.65	33.071	2.66	45.143	2.67	49.528	2.68	44.215	2.69	28.090	2.70	12.414	2.71	-1.552
35	2.72	-7.086	2.73	-5.903	2.74	-4.945	2.75	-10.174	2.76	-20.828	2.77	-27.698	2.78	-29.363	2.79	-16.568
36	2.80	-3.107	2.81	8.781	2.82	12.159	2.83	7.432	2.84	-1.518	2.85	-10.359	2.86	-16.021	2.87	-16.977
37	2.88	-13.255	2.89	-6.544	2.90	0.299	2.91	4.744	2.92	6.174	2.93	6.162	2.94	7.640	2.95	9.929
38	2.96	13.840	2.97	16.532	2.98	16.319	2.99	13.374	3.00	9.555	3.01	6.977	3.02	6.504	3.03	7.334
39	3.04	7.928	3.05	7.407	3.06	6.165	3.07	5.240	3.08	5.174	3.09	5.536	3.10	5.529	3.11	4.947
40	3.12	4.455	3.13	4.991	3.14	6.979	3.15	10.057	3.16	13.321	3.17	15.610	3.18	15.742	3.19	12.965
41	3.20	7.054	3.21	1.550	3.22	-3.316	3.23	-6.071	3.24	-7.927	3.25	-10.800	3.26	-15.029	3.27	-18.446
42	3.28	-16.101	3.29	-13.179	3.30	-9.179	3.31	-6.059	3.32	-3.525	3.33	-0.371	3.34	-0.696	3.35	1.157
43	3.36	4.195	3.37	6.110	3.38	5.344	3.39	3.310	3.40	-10.382	3.41	-18.259	3.42	-16.259	3.43	-10.302
44	3.44	-13.520	3.45	-1.840	3.46	12.291	3.47	21.010	3.48	24.250	3.49	14.331	3.50	4.142	3.51	-2.014
45	3.52	-2.058	3.53	1.178	3.54	3.207	3.55	1.830	3.56	-1.615	3.57	-4.223	3.58	-4.343	3.59	-2.656
46	3.60	-0.985	3.61	-0.459	3.62	-0.861	3.63	-1.412	3.64	-1.831	3.65	-2.472	3.66	-3.637	3.67	-5.031
47	3.68	-6.049	3.69	-6.442	3.70	-6.468	3.71	-6.287	3.72	-5.448	3.73	-3.302	3.74	-0.029	3.75	3.016
48	3.76	4.373	3.77	4.005	3.78	3.482	3.79	4.298	3.80	6.034	3.81	6.633	3.82	4.860	3.83	2.271
49	3.84	2.039	3.85	5.233	3.86	8.420	3.87	5.844	3.88	-5.085	3.89	-20.141	3.90	-30.592	3.91	-30.405
50	3.92	-19.837	3.93	-7.975	3.94	-2.520	3.95	-5.336	3.96	-11.523	3.97	-14.558	3.98	-11.334	3.99	-4.020
51	4.00	0.812	4.01	3.225	4.02	3.550	4.03	4.162	4.04	6.276	4.05	9.184	4.06	11.737	4.07	13.574
52	4.08	14.790	4.09	14.901	4.10	12.988	4.11	9.345	4.12	6.620	4.13	8.112	4.14	14.092	4.15	19.088
53	4.16	15.504	4.17	-0.661	4.18	-24.400	4.19	-43.701	4.20	-47.876	4.21	-35.659	4.22	-16.002	4.23	-1.325
54	4.24	2.405	4.25	-1.932	4.26	-6.575	4.27	-6.478	4.28	-1.300	4.29	3.900	4.30	6.288	4.31	6.074
55	4.32	5.539	4.33	6.536	4.34	9.353	4.35	13.175	4.36	16.729	4.37	10.403	4.38	16.630	4.39	11.090
56	4.40	3.675	4.41	-2.217	4.42	-4.352	4.43	-3.658	4.44	-3.495	4.45	-6.468	4.46	-11.756	4.47	-15.598
57	4.48	-14.561	4.49	-8.581	4.50	-1.045	4.51	4.024	4.52	5.084	4.53	3.914	4.54	3.721	4.55	6.314
58	4.56	10.613	4.57	13.540	4.58	12.459	4.59	7.275	4.60	0.580	4.61	-4.272	4.62	-5.678	4.63	-4.880
59	4.64	-4.706	4.65	-7.015	4.66	-11.018	4.67	-13.935	4.68	-13.381	4.69	-9.379	4.70	-4.296	4.71	-0.878
60	4.72	-0.165	4.73	-0.990	4.74	-1.293	4.75	0.071	4.76	2.499	4.77	4.319	4.78	4.224	4.79	2.272
61	4.80	-0.257	4.81	-2.001	4.82	-2.081	4.83	-1.380	4.84	-0.947	4.85	-1.501	4.86	-2.752	4.87	-3.666
62	4.88	-3.316	4.89	-1.651	4.90	0.449	4.91	0.948	4.92	-0.438	4.93	1.728	4.94	1.782	4.95	2.855
63	4.96	4.438	4.97	5.263	4.98	4.382	4.99	2.047	5.00	-0.438	5.01	-1.769	5.02	-1.694	5.03	6.074
64	5.04	-0.355	5.05	-0.243	5.06	-0.352	5.07	-0.703	5.08	-1.894	5.09	-4.432	5.10	-7.774	5.11	-10.278
65	5.12	-10.400	5.13	-8.071	5.14	-4.075	5.15	-2.760	5.16	-2.494	5.17	-3.268	5.18	-3.665	5.19	-2.940
66	5.20	-1.449	5.21	-0.077	5.22	0.568	5.23	0.470	5.24	-0.021	5.25	-0.514	5.26	-0.737	5.27	-0.571
67	5.28	-0.094	5.29	0.449	5.30	0.830	5.31	1.032	5.32	1.224	5.33	1.517	5.34	1.824	5.35	2.013
68	5.36	2.146	5.37	2.414	5.38	2.768	5.39	2.762	5.40	1.972	5.41	0.669	5.42	-0.125	5.43	0.482
69	5.44	2.131	5.45	3.091	5.46	1.515	5.47	-2.917	5.48	-8.492	5.49	-12.635	5.50	-13.806	5.51	-12.542
70	5.52	-10.892	5.53	-10.856	5.54	-13.076	5.55	-16.802	5.56	-19.609	5.57	-20.458	5.58	-18.957	5.59	-14.134
71	5.60	-9.687	5.61	-4.242	5.62	-4.242	5.63	-3.822	5.64	-3.481	5.65	-2.144	5.66	0.229	5.67	2.682
72	5.68	4.114	5.69	4.195	5.70	3.625	5.71	4.896	5.72	4.496	5.73	6.704	5.74	8.806	5.75	9.509
73	5.76	8.653	5.77	6.305	5.78	3.401	5.79	0.705	5.80	-1.457	5.81	-3.633	5.82	-3.8		

Digitized Accelerogram of Earthquake Record with Index Number E-9 (3-X)

INPUT CARD	WAVE TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME
1	0.0	0.265	0.010	1.202	0.020	2.139	0.030	1.639	0.040	1.139	0.050	0.264	0.060	0.995	0.070	0.577	
2	0.000	2.139	0.090	1.201	0.100	0.265	0.110	0.950	0.120	0.638	0.130	1.008	0.140	0.938	0.150	3.013	
3	0.160	4.080	0.170	3.825	0.180	6.762	0.190	3.137	0.200	5.912	0.210	1.065	0.220	2.770	0.230	2.112	
4	0.240	1.374	0.250	0.636	0.260	-1.063	0.270	-3.113	0.280	-2.363	0.290	-1.613	0.300	-0.280	0.310	1.053	
5	0.320	2.366	0.330	1.760	0.340	1.135	0.350	1.532	0.360	1.968	0.370	2.385	0.380	1.948	0.390	1.510	
6	0.400	0.697	0.410	-0.115	0.420	-0.365	0.430	0.084	0.440	1.634	0.450	2.384	0.460	2.084	0.470	3.384	
7	0.480	3.134	0.490	1.508	0.500	1.383	0.510	1.258	0.520	1.258	0.530	1.258	0.540	2.049	0.550	2.041	
8	0.560	3.632	0.570	3.340	0.580	3.049	0.590	2.757	0.600	1.757	0.610	1.257	0.620	1.632	0.630	2.007	
9	0.640	2.362	0.650	2.082	0.660	3.381	0.670	2.548	0.680	1.714	0.690	0.881	0.700	-0.993	0.710	-0.993	
10	0.720	-0.993	0.730	-0.594	0.740	-0.994	0.750	-0.994	0.760	-0.994	0.770	-0.994	0.780	-0.994	0.790	-0.994	
11	0.800	0.504	0.810	0.712	0.820	0.921	0.830	1.129	0.840	1.337	0.850	1.545	0.860	1.753	0.870	1.961	
12	0.880	1.816	0.890	1.972	0.900	2.128	0.910	1.503	0.920	0.878	0.930	-0.184	0.940	-1.244	0.950	-1.672	
13	0.960	-2.497	0.970	-1.747	0.980	-0.997	0.990	0.677	1.000	1.627	1.010	2.377	1.020	2.127	1.030	1.877	
14	1.040	0.876	1.050	0.252	1.060	-0.373	1.070	1.126	1.080	1.814	1.090	2.501	1.100	2.313	1.110	2.125	
15	1.120	1.688	1.130	1.250	1.140	1.563	1.150	1.875	1.160	2.125	1.170	2.375	1.180	2.125	1.190	1.374	
16	1.200	0.074	1.210	-0.563	1.220	-2.000	1.230	-1.044	1.240	-1.988	1.250	-1.531	1.260	-1.375	1.270	-1.688	
17	1.280	-2.001	1.290	-1.959	1.300	-1.876	1.310	-0.876	1.320	-0.123	1.330	1.123	1.340	1.748	1.350	2.372	
18	1.360	-2.001	1.370	-2.997	1.380	-2.997	1.390	-2.997	1.400	-2.997	1.410	-2.997	1.420	-2.997	1.430	-2.997	
19	1.440	-1.711	1.450	-2.170	1.460	-1.204	1.470	-0.887	1.480	-0.569	1.490	-0.252	1.500	0.065	1.510	0.382	
20	1.520	2.120	1.530	2.120	1.540	0.119	1.550	-0.630	1.560	-1.321	1.570	-2.012	1.580	-2.703	1.590	-3.394	
21	1.600	1.182	1.610	0.869	1.620	0.243	1.630	0.868	1.640	1.493	1.650	2.128	1.660	2.763	1.670	3.398	
22	1.680	-0.257	1.690	-1.632	1.700	-2.257	1.710	-2.882	1.720	-3.507	1.730	-4.132	1.740	-4.757	1.750	-5.382	
23	1.760	6.491	1.770	6.199	1.780	5.907	1.790	5.615	1.800	5.323	1.810	5.031	1.820	4.739	1.830	4.447	
24	1.840	3.177	1.850	2.885	1.860	2.593	1.870	2.301	1.880	2.009	1.890	1.717	1.900	1.425	1.910	1.133	
25	1.920	-10.761	1.930	-11.573	1.940	-12.385	1.950	-13.197	1.960	-14.009	1.970	-14.821	1.980	-15.633	1.990	-16.445	
26	2.000	7.237	2.010	12.612	2.020	18.000	2.030	23.385	2.040	28.770	2.050	34.155	2.060	39.540	2.070	44.925	
27	2.080	12.612	2.090	13.424	2.100	14.236	2.110	15.048	2.120	15.860	2.130	16.672	2.140	17.484	2.150	18.296	
28	2.160	12.612	2.170	13.424	2.180	14.236	2.190	15.048	2.200	15.860	2.210	16.672	2.220	17.484	2.230	18.296	
29	2.240	12.612	2.250	13.424	2.260	14.236	2.270	15.048	2.280	15.860	2.290	16.672	2.300	17.484	2.310	18.296	
30	2.320	13.139	2.330	13.951	2.340	14.763	2.350	15.575	2.360	16.387	2.370	17.199	2.380	18.011	2.390	18.823	
31	2.400	9.297	2.410	8.485	2.420	7.673	2.430	6.861	2.440	6.049	2.450	5.237	2.460	4.425	2.470	3.613	
32	2.480	-23.441	2.490	-28.516	2.500	-33.591	2.510	-38.736	2.520	-43.881	2.530	-49.026	2.540	-54.171	2.550	-59.316	
33	2.560	-10.761	2.570	-11.573	2.580	-12.385	2.590	-13.197	2.600	-14.009	2.610	-14.821	2.620	-15.633	2.630	-16.445	
34	2.640	-0.810	2.650	-1.622	2.660	-2.434	2.670	-3.246	2.680	-4.058	2.690	-4.870	2.700	-5.682	2.710	-6.494	
35	2.720	-12.612	2.730	-13.424	2.740	-14.236	2.750	-15.048	2.760	-15.860	2.770	-16.672	2.780	-17.484	2.790	-18.296	
36	2.800	-12.612	2.810	-13.424	2.820	-14.236	2.830	-15.048	2.840	-15.860	2.850	-16.672	2.860	-17.484	2.870	-18.296	
37	2.880	-12.612	2.890	-13.424	2.900	-14.236	2.910	-15.048	2.920	-15.860	2.930	-16.672	2.940	-17.484	2.950	-18.296	
38	2.960	-12.612	2.970	-13.424	2.980	-14.236	2.990	-15.048	3.000	-15.860	3.010	-16.672	3.020	-17.484	3.030	-18.296	
39	3.040	4.809	3.050	3.768	3.060	2.726	3.070	1.685	3.080	0.644	3.090	-0.397	3.100	-1.438	3.110	-2.479	
40	3.120	-12.191	3.130	-11.149	3.140	-10.107	3.150	-9.066	3.160	-8.025	3.170	-6.984	3.180	-5.943	3.190	-4.902	
41	3.200	21.849	3.210	19.724	3.220	17.600	3.230	15.456	3.240	13.312	3.250	11.168	3.260	9.024	3.270	6.880	
42	3.280	-10.776	3.290	-11.089	3.300	-11.401	3.310	-11.714	3.320	-12.027	3.330	-12.340	3.340	-12.653	3.350	-12.966	
43	3.360	1.191	3.370	2.409	3.380	3.628	3.390	4.846	3.400	6.064	3.410	7.282	3.420	8.499	3.430	9.717	
44	3.440	2.636	3.450	3.346	3.460	4.281	3.470	4.926	3.480	5.571	3.490	6.216	3.500	6.861	3.510	7.506	
45	3.520	-14.273	3.530	-15.085	3.540	-15.897	3.550	-16.709	3.560	-17.521	3.570	-18.333	3.580	-19.145	3.590	-19.957	
46	3.600	-4.088	3.610	-4.800	3.620	-5.612	3.630	-6.424	3.640	-7.236	3.650	-8.048	3.660	-8.860	3.670	-9.672	
47	3.680	-4.531	3.690	-5.031	3.700	-5.531	3.710	-6.031	3.720	-6.531	3.730	-7.031	3.740	-7.531	3.750	-8.031	
48	3.760	7.717	3.770	6.717	3.780	5.717	3.790	4.717	3.800	3.717	3.810	2.717	3.820	1.717	3.830	0.717	
49	3.840	4.376	3.850	3.854	3.860	3.332	3.870	2.808	3.880	2.284	3.890	1.760	3.900	1.236	3.910	0.712	
50	3.920	-2.635	3.930	-4.435	3.940	-6.235	3.950	-8.035	3.960	-9.835	3.970	-11.635	3.980	-13.435	3.990	-15.235	
51	4.000	-6.888	4.010	-8.436	4.020	-9.984	4.030	-11.532	4.040	-13.080	4.050	-14.628	4.060	-16.176	4.070	-17.724	
52	4.080	-8.898	4.090	-10.436	4.100	-11.984	4.110	-13.532	4.120	-15.080	4.130	-16.628	4.140	-18.176	4.150	-19.724	
53	4.160	6.524	4.170	9.942	4.180	13.360	4.190	16.776	4.200	20.192	4.210	23.608	4.220	27.024	4.230	30.440	
54	4.240	9.942	4.250	13.360	4.260	16.776	4.270	20.192	4.280	23.608	4.290	27.024	4.300	30.440	4.310	33.856	
55	4.320	7.634	4.330	10.166	4.340	12.778	4.350	15.392	4.360	18.006	4.370	20.620	4.380	23.234	4.390	25.848	
56	4.400	-11.480	4.410	-10.095	4.420	-8.709	4.430	-7.324	4.440	-5.939	4.450	-4.554	4.460	-3.169	4.470	-1.784	
57	4.480	-11.480	4.490	-10.095	4.500	-8.709	4.510	-7.324	4.520	-5.939	4.530	-4.554	4.540	-3.169	4.550	-1.784	
58	4.560	-11.480	4.570	-10.095	4.580	-8.709	4.590	-7.324	4.600	-5.939	4.610	-4.554	4.620	-3.169	4.630	-1.784	
59	4.640	5.308	4.650	5.355	4.660	5.402	4.670	5.449	4.680	5.496	4.690	5.543	4.700	5.590	4.710	5.637	
60	4.720	2.151	4.730	1.490	4.740	0.829	4.750	0.168	4.760	-0.493	4.770	-1.154	4.780	-1.815	4.790	-2.476	
61	4.800	-1.045	4.810	-0.733	4.820	-0.421	4.830	-0.109	4.840	0.203	4.850	0.515	4.860	0.827	4.870	1.139	
62	4.880	-10.171	4.890	-10.797	4.900	-11.423	4.910	-12.075	4.920	-12.727	4.930	-13.379	4.940	-14.031	4.950	-14.683	
63	4.960	-5.617	4.970	-4.298	4.980	-2.979	4.990	-1.660	5.000	-0.341	5.010	0.978	5.020	2.300	5.030	3.622	
64	5.040	1.374	5.050	1.374	5.060	1.374	5.070	1.374	5.080	1.374	5.090	1.374	5.100	1.374	5.110	1.374	
65	5.120	3.307	5.130	1.925	5.140	0.543	5.150	-0.839	5.160	-2.221	5.170	-3.603	5.180	-4.985	5.190	-6.367	
66	5.200	-4.259	5.210	-4.176	5.220	-4.093	5.230	-4.010	5.240	-3.927	5.250	-3.844	5.260	-3.761	5.270	-3.678	
67	5.280	-3.802	5.290	-3.435	5.300	-3.068	5.310	-2.701	5.320	-2.334	5.330	-1.967	5.340	-1.600	5.350	-1.233	
68	5.360	-0.866	5.370	-0.499	5.380	-0.132	5.390	0.235	5.400	0.602	5.410	0.969	5.420	1.336	5.430	1.703	
69	5.440	2.070	5														

127	10.080	-2.05010.090	-1.92210.100	-1.79310.110	-1.66510.120	-1.53610.130	-1.40810.140	-1.28010.150	-1.151
128	10.160	-0.89410.170	-0.89410.180	-0.76610.190	-0.63710.200	-0.50810.210	-0.38010.220	-0.25210.230	-0.123
129	10.240	0.00510.250	0.13410.260	0.49110.270	0.84810.280	1.20510.290	1.56210.300	1.91910.310	2.276
130	10.320	2.63310.330	2.48910.340	2.34410.350	2.20010.360	2.05610.370	1.91110.380	1.76710.390	1.623
131	10.400	1.47910.410	1.33410.420	1.19010.430	1.04610.440	0.90110.450	0.75710.460	1.38210.470	2.006
132	10.480	1.65910.490	1.51510.500	1.37110.510	1.22710.520	1.08310.530	0.93910.540	0.79510.550	-0.772
133	10.560	-1.11910.570	-0.96310.580	-0.80710.590	-0.65110.600	-0.49510.610	-0.33910.620	-0.18310.630	0.202
134	10.640	0.43310.650	0.65310.660	0.89710.670	1.12910.680	1.32910.690	1.49110.700	1.61610.710	0.712
135	10.720	0.60810.730	0.50310.740	0.39910.750	0.29510.760	0.19110.770	0.08610.780	-0.01810.790	-0.122
136	10.800	0.08610.810	0.29410.820	0.50210.830	0.71110.840	0.91910.850	1.12710.860	1.33510.870	1.543
137	10.880	1.75210.890	1.96010.900	2.16810.910	2.37610.920	2.58410.930	2.79210.940	3.00010.950	3.208
138	10.960	1.08410.970	0.82610.980	0.56710.990	0.30911.000	0.05011.010	-0.20811.020	-0.46611.030	-0.725
139	11.040	-0.98311.050	-1.24211.060	-1.50011.070	-1.75811.080	-2.01611.090	-2.27411.100	-2.53211.110	-2.790
140	11.120	-0.37711.130	-0.62711.140	-0.87611.150	-1.12511.160	-1.37411.170	-1.62311.180	-1.87211.190	-2.121
141	11.200	-0.17011.210	0.12211.220	0.49811.230	0.87411.240	1.25011.250	1.62611.260	2.00211.270	2.37811.280
142	11.280	-0.04711.290	-0.07111.300	-0.09511.310	-0.11911.320	-0.14311.330	-0.16711.340	-0.19111.350	-0.215
143	11.360	-0.24011.370	-0.26411.380	-0.28811.390	-0.31211.400	-0.33611.410	-0.36011.420	-0.38411.430	-0.408
144	11.440	-0.43311.450	-0.43711.460	-0.44111.470	-0.44511.480	-0.44911.490	-0.45311.500	-0.45711.510	-0.461
145	11.520	0.07311.530	0.10811.540	0.14311.550	0.17811.560	0.21311.570	0.24811.580	0.28311.590	0.31811.600
146	11.600	0.99711.610	1.11311.620	1.22811.630	1.34411.640	1.46011.650	1.57511.660	1.69111.670	1.806
147	11.680	1.92211.690	2.03711.700	2.15311.710	2.26811.720	2.38411.730	2.50011.740	2.61511.750	2.731
148	11.760	2.45511.770	2.37311.780	2.29211.790	2.21111.800	2.13011.810	2.05011.820	1.96911.830	1.888
149	11.840	1.80711.850	1.72611.860	1.64511.870	1.56511.880	1.48411.890	1.40311.900	1.32311.910	1.242
150	11.920	1.16111.930	1.08011.940	0.99911.950	0.91911.960	0.83811.970	0.75711.980	0.67611.990	0.596
151	12.000	0.51512.010	0.43412.020	0.35312.030	0.27212.040	0.19112.050	0.11112.060	0.03012.070	-0.050
152	12.080	-0.10112.090	-0.17212.100	-0.24312.110	-0.31412.120	-0.38412.130	-0.45512.140	-0.52612.150	-0.596
153	12.160	-0.66712.170	-0.73812.180	-0.80912.190	-0.87912.200	-0.95012.210	-1.02112.220	-1.09212.230	-1.162
154	12.240	-1.23312.250	-1.30412.260	-1.37512.270	-1.44512.280	-1.51612.290	-1.58712.300	-1.65812.310	-1.728
155	12.320	-1.05712.330	-0.94212.340	-0.82712.350	-0.71212.360	-0.59712.370	-0.48212.380	-0.36712.390	-0.253
156	12.400	-0.13812.410	-0.02312.420	0.09212.430	0.20712.440	0.32212.450	0.43612.460	0.55112.470	0.666
157	12.480	0.78112.490	0.89612.500	1.01012.510	1.12512.520	1.24012.530	1.35512.540	1.47012.550	1.585
158	12.560	1.47212.570	1.51112.580	1.55012.590	1.58912.600	1.62812.610	1.66712.620	1.70512.630	1.744
159	12.640	1.70312.650	1.82212.660	1.86112.670	1.90012.680	1.93912.690	1.97812.700	2.01712.710	2.056
160	12.720	1.62312.730	1.50412.740	1.38612.750	1.26712.760	1.14912.770	1.03012.780	0.91212.790	0.793
161	12.800	0.67512.810	0.55512.820	0.43612.830	0.31712.840	0.19812.850	0.07912.860	-0.04012.870	-0.155
162	12.880	-0.27312.890	-0.24312.900	-0.21412.910	-0.18412.920	-0.15512.930	-0.12512.940	-0.09612.950	-0.066
163	12.960	-0.03612.970	-0.00712.980	0.02312.990	0.05213.000	0.08113.010	0.11013.020	0.13913.030	0.168
164	13.040	0.20013.050	0.23013.060	0.25913.070	0.28913.080	0.31813.090	0.34813.100	0.37813.110	0.408
165	13.120	0.44513.130	0.47813.140	0.51013.150	0.54313.160	0.57513.170	0.60813.180	0.64013.190	0.673
166	13.200	0.70513.210	0.73813.220	0.77013.230	0.80313.240	0.83513.250	0.86813.260	0.90013.270	0.933
167	13.280	0.96513.290	0.99813.300	1.03013.310	1.06313.320	1.09513.330	1.12813.340	1.16013.350	1.193
168	13.360	0.15513.370	-0.46813.380	-0.78013.390	-1.09213.400	-1.40413.410	-1.71613.420	-2.02813.430	-2.340
169	13.440	-0.53113.450	-0.73913.460	-0.94813.470	-1.15613.480	-1.36413.490	-1.57213.500	-1.78013.510	-1.988
170	13.520	-1.15613.530	-0.84413.540	-0.53213.550	-0.21913.560	0.09313.570	0.40513.580	0.71713.590	1.030
171	13.600	1.34213.610	1.03613.620	0.73113.630	0.42513.640	0.11913.650	-0.18613.660	-0.49213.670	-0.798
172	13.680	-1.10313.690	-1.40913.700	-1.80013.710	-2.19113.720	-2.58213.730	-2.97313.740	-3.36413.750	-3.755
173	13.760	2.85513.770	3.46413.780	3.43613.790	3.40813.800	3.38013.810	3.35213.820	3.32513.830	3.297
174	13.840	3.26913.850	3.24113.860	3.21313.870	3.18513.880	3.15713.890	3.12913.900	3.10113.910	3.073
175	13.920	2.37913.930	2.24013.940	2.10113.950	1.96213.960	1.82313.970	1.68413.980	1.54513.990	1.406
176	14.000	1.37514.010	1.25814.020	1.14114.030	1.02414.040	0.90614.050	0.78914.060	0.67214.070	0.555
177	14.080	0.43714.090	0.32014.100	0.20214.110	0.08514.120	0.20214.130	0.31914.140	0.43614.150	0.553
178	14.160	0.67014.170	0.78714.180	0.90514.190	1.02114.200	1.13914.210	1.25614.220	1.37314.230	1.490
179	14.240	1.60714.250	1.72414.260	1.84114.270	1.95814.280	2.07514.290	2.19214.300	2.30914.310	2.426
180	14.320	2.21814.330	2.27014.340	2.32214.350	2.37414.360	2.42614.370	2.47814.380	2.53014.390	2.582
181	14.400	1.89414.410	1.20714.420	0.51914.430	-0.16814.440	0.0214.450	0.17314.460	0.34314.470	0.513
182	14.480	0.68314.490	0.85414.500	1.02414.510	1.19414.520	1.36414.530	1.53414.540	1.70414.550	1.874
183	14.560	1.18214.570	0.92114.580	0.65914.590	0.39814.600	0.13614.610	-0.12514.620	-0.38714.630	-0.648

Digitized Accelerogram of Earthquake Record with Index Number E-10 (3-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	4.423	0.01	2.319	0.02	-0.429	0.03	-2.440	0.04	-2.437	0.05	-0.447	0.06	1.946	0.07	4.153
2	0.08	4.939	0.09	3.721	0.10	-0.902	0.11	-0.902	0.12	0.231	0.13	4.956	0.14	10.445	0.15	12.217
3	0.16	7.997	0.17	0.290	0.18	-5.218	0.19	-4.481	0.20	1.193	0.21	0.152	0.22	5.368	0.23	-1.143
4	0.24	-8.409	0.25	-10.818	0.26	-6.655	0.27	0.933	0.28	0.867	0.29	0.044	0.30	5.081	0.31	1.999
5	0.32	-0.915	0.33	-0.023	0.34	2.469	0.35	4.252	0.36	3.685	0.37	0.890	0.38	-2.341	0.39	-3.769
6	0.40	-2.274	0.41	1.365	0.42	5.050	0.43	6.845	0.44	6.179	0.45	3.904	0.46	1.418	0.47	-0.289
7	0.48	-0.936	0.49	-0.647	0.50	0.407	0.51	2.051	0.52	3.908	0.53	5.349	0.54	5.735	0.55	4.797
8	0.56	2.856	0.57	0.711	0.58	-0.721	0.59	-3.453	0.60	-4.473	0.61	2.627	0.62	4.690	0.63	5.670
9	0.64	4.923	0.65	2.502	0.66	-0.741	0.67	-1.305	0.68	-0.029	0.69	1.442	0.70	2.211	0.71	-0.085
10	0.72	0.133	0.73	-0.724	0.74	-1.530	0.75	-1.329	0.76	1.829	0.77	2.038	0.78	2.335	0.79	2.079
11	0.80	1.553	0.81	1.242	0.82	0.436	0.83	-2.773	0.84	-4.702	0.85	-5.382	0.86	-4.347	0.87	-1.740
12	0.88	2.461	0.89	1.464	0.90	6.365	0.91	5.857	0.92	3.981	0.93	-0.031	0.94	-2.768	0.95	-3.368
13	0.96	1.676	0.97	4.753	0.98	5.137	0.99	5.884	1.00	4.127	1.01	1.290	1.02	-0.650	1.03	-0.625
14	1.04	-1.399	1.05	2.127	1.06	3.779	1.07	3.674	1.08	2.543	1.09	0.534	1.10	-2.039	1.11	-4.347
15	1.12	0.937	1.13	-1.756	1.14	-1.700	1.15	4.319	1.16	0.210	1.17	-1.527	1.18	-3.393	1.19	-3.689
16	1.20	-5.223	1.21	-4.102	1.22	0.131	1.23	-1.868	1.24	4.496	1.25	4.240	1.26	3.995	1.27	3.621
17	1.28	-1.973	1.29	0.775	1.30	0.031	1.31	-1.868	1.32	3.383	1.33	-4.428	1.34	-3.773	1.35	-3.143
18	1.36	2.954	1.37	1.749	1.38	-2.064	1.39	-0.068	1.40	3.193	1.41	6.126	1.42	6.608	1.43	3.767
19	1.44	-2.765	1.45	-4.429	1.46	-4.336	1.47	-0.836	1.48	3.362	1.49	5.152	1.50	3.450	1.51	-0.138
20	1.52	-0.929	1.53	-3.320	1.54	-2.044	1.55	-0.776	1.56	-1.642	1.57	-0.445	1.58	0.241	1.59	1.744
21	1.60	2.899	1.61	2.886	1.62	1.436	1.63	-0.339	1.64	1.580	1.65	15.373	1.66	12.215	1.67	8.494
22	1.68	-2.995	1.69	-1.911	1.70	4.522	1.71	11.379	1.72	-0.150	1.73	0.394	1.74	2.539	1.75	4.717
23	1.76	-5.358	1.77	4.333	1.78	2.815	1.79	2.234	1.80	5.265	1.81	19.370	1.82	12.555	1.83	13.213
24	1.84	2.896	1.85	12.031	1.86	2.468	1.87	-7.948	1.88	-15.247	1.89	-19.068	1.90	-20.348	1.91	-17.305
25	1.92	1.922	1.93	6.360	1.94	-0.213	1.95	-4.036	1.96	4.466	1.97	15.637	1.98	25.038	1.99	20.110
26	2.00	-11.008	2.01	-10.699	2.02	-17.694	2.03	-17.001	2.04	16.083	2.05	11.069	2.06	0.969	2.07	-11.033
27	2.08	-13.505	2.09	-10.699	2.10	-11.293	2.11	-17.383	2.12	-26.474	2.13	-35.370	2.14	-39.866	2.15	-39.371
28	2.16	26.090	2.17	21.057	2.18	-54.274	2.19	-60.151	2.20	-48.800	2.21	-16.362	2.22	-25.729	2.23	-56.574
29	2.24	-19.953	2.25	-22.903	2.26	2.652	2.27	-24.108	2.28	-33.377	2.29	-27.882	2.30	15.621	2.31	-6.319
30	2.32	3.485	2.33	14.593	2.34	2.468	2.35	35.461	2.36	39.057	2.37	36.419	2.38	28.530	2.39	-2.372
31	2.40	-4.966	2.41	-19.836	2.42	-11.857	2.43	-19.919	2.44	-19.068	2.45	-26.379	2.46	-44.553	2.47	-48.540
32	2.48	-38.728	2.49	-45.859	2.50	-12.017	2.51	-18.044	2.52	-18.193	2.53	-14.898	2.54	-11.718	2.55	-9.767
33	2.56	60.240	2.57	37.073	2.58	-4.816	2.59	7.816	2.60	13.375	2.61	15.218	2.62	12.230	2.63	4.886
34	2.64	2.637	2.65	12.031	2.66	-20.952	2.67	-23.219	2.68	-21.852	2.69	-16.485	2.70	-13.811	2.71	-6.543
35	2.72	22.032	2.73	25.790	2.74	36.132	2.75	42.392	2.76	42.392	2.77	31.590	2.78	16.209	2.79	7.783
36	2.80	-38.106	2.81	-19.836	2.82	-0.591	2.83	-15.046	2.84	-19.780	2.85	-20.628	2.86	-17.841	2.87	-13.444
37	2.88	11.843	2.89	-0.756	2.90	-1.456	2.91	2.133	2.92	4.694	2.93	5.776	2.94	5.918	2.95	6.075
38	2.96	-8.113	2.97	-4.816	2.98	5.356	2.99	3.071	3.00	0.088	3.01	-0.160	3.02	-0.168	3.03	-0.663
39	3.04	-4.921	3.05	-14.420	3.06	-14.925	3.07	-19.794	3.08	-21.375	3.09	-19.491	3.10	-15.802	3.11	-11.812
40	3.12	5.195	3.13	20.904	3.14	-0.591	3.15	-15.046	3.16	-19.780	3.17	-20.628	3.18	-17.841	3.19	-13.444
41	3.20	1.565	3.21	-3.274	3.22	-1.456	3.23	2.133	3.24	4.694	3.25	5.776	3.26	5.918	3.27	6.075
42	3.28	-9.150	3.29	-5.356	3.30	3.071	3.31	0.088	3.32	-0.160	3.33	-0.168	3.34	-0.663	3.35	-0.663
43	3.36	6.557	3.37	-14.925	3.38	-19.794	3.39	-21.375	3.40	-19.491	3.41	-15.802	3.42	-11.812	3.43	-11.812
44	3.44	-3.336	3.45	-8.592	3.46	-14.925	3.47	-19.794	3.48	-21.375	3.49	-19.491	3.50	-15.802	3.51	-11.812
45	3.52	-7.915	3.53	-13.667	3.54	-20.952	3.55	-23.219	3.56	-21.852	3.57	-16.485	3.58	-13.811	3.59	-6.543
46	3.60	-10.994	3.61	-6.684	3.62	-4.027	3.63	3.492	3.64	4.182	3.65	4.135	3.66	3.293	3.67	2.312
47	3.68	-6.344	3.69	4.020	3.70	2.090	3.71	0.890	3.72	-1.851	3.73	-5.334	3.74	-8.170	3.75	-9.456
48	3.76	7.184	3.77	2.082	3.78	-9.122	3.79	-9.228	3.80	-8.669	3.81	-7.090	3.82	-5.135	3.83	-4.107
49	3.84	1.694	3.85	-7.546	3.86	-10.472	3.87	-12.109	3.88	-11.646	3.89	-9.683	3.90	-7.755	3.91	-7.078
50	3.92	-9.462	3.93	-7.105	3.94	-4.334	3.95	1.356	3.96	8.485	3.97	14.565	3.98	17.764	3.99	17.602
51	4.00	-4.975	4.01	9.127	4.02	9.127	4.03	7.617	4.04	7.016	4.05	7.533	4.06	8.787	4.07	9.988
52	4.08	15.309	4.09	12.751	4.10	9.127	4.11	9.127	4.12	9.127	4.13	9.127	4.14	9.127	4.15	9.127
53	4.16	10.469	4.17	10.183	4.18	-3.011	4.19	-4.309	4.20	-6.504	4.21	-10.195	4.22	-14.903	4.23	-19.442
54	4.24	0.734	4.25	-1.559	4.26	-18.765	4.27	-14.587	4.28	-10.910	4.29	-8.426	4.30	-7.312	4.31	-6.576
55	4.32	-22.008	4.33	-3.711	4.34	-2.090	4.35	-1.082	4.36	-0.496	4.37	0.561	4.38	2.854	4.39	6.113
56	4.40	-5.403	4.41	9.842	4.42	8.368	4.43	5.687	4.44	3.680	4.45	3.514	4.46	4.842	4.47	6.275
57	4.48	6.597	4.49	5.605	4.50	3.955	4.51	2.403	4.52	1.285	4.53	0.585	4.54	0.229	4.55	0.104
58	4.56	-0.133	4.57	-0.952	4.58	-2.615	4.59	-3.738	4.60	-3.695	4.61	-1.777	4.62	0.929	4.63	2.194
59	4.64	0.306	4.65	-4.459	4.66	-9.905	4.67	-13.562	4.68	-14.459	4.69	-13.523	4.70	-12.397	4.71	-11.922
60	4.72	-11.662	4.73	-10.717	4.74	-8.841	4.75	-6.715	4.76	-5.190	4.77	-4.350	4.78	-3.303	4.79	-0.892
61	4.80	3.354	4.81	8.787	4.82	18.008	4.83	17.616	4.84	18.511	4.85	17.838	4.86	15.296	4.87	12.216
62	4.88	9.410	4.89	7.250	4.90	5.688	4.91	3.360	4.92	2.932	4.93	1.256	4.94	-0.579	4.95	-2.413
63	4.96	-3.824	4.97	-4.943	4.98	-5.758	4.99	-6.324	5.00	-6.516	5.01	-6.031	5.02	-4.648	5.03	-2.615
64	5.04	-0.756	5.05	-0.075	5.06	-1.027	5.07	-3.077	5.08	-4.980	5.09	-5.631	5.10	-4.811	5.11	-3.223
65	5.12	-1.834	5.13	-1.163	5.14	-1.071	5.15	-1.097	5.16	-0.915	5.17	-0.496	5.18	0.027	5.19	0.532
66	5.20	0.536	5.21	1.223	5.22	1.392	5.23	1.610	5.24	2.069	5.25	2.767	5.26	3.387	5.27	3.532
67	5.28	3.171	5.29	2.855	5.30	3.370	5.31	5.036	5.32	7.259	5.33	8.826	5.34	8.817	5.35	7.389
68	5.36	5.742	5.37	5.212	5.38	6.181	5.39	7.715	5.40	8.275	5.41	6.957	5.42	4.221	5.43	1.476
69	5.44	-0.166	5.45	-0.734	5.46	-1.414	5.47	-3.181	5.48	-5.043	5.49	-6.871	5.50	-8.531	5.51	-7.034
70	5.52	-4.781	5.53	-5.619	5.54	-5.945	5.55	-5.566	5.56	-4.186	5.57	-2.749	5.58	-1.334	5.59	-0.570
71	5.60	-2.500	5.61	-1.087	5.62	-0.062	5.63	0.784	5.64	1.777	5.65	2.717	5.66	3.066	5.67	2.545
72	5.68	-5.904	5.69	0.551	5.70	0.114	5.71	-0.058	5.72	-0.483	5.73	-1.390	5.74	-2.443	5.75	-3.024
73	5.76	-2.753	5.77	-1.781	5.78	-0.655	5.79	0.071	5.80	0.107	5.81	-0.077	5.82	-0.235	5.83	-0.079
74	5.84	0.803	5.85	1.465	5.86</											

127	10.00	-1.466	10.09	-1.355	10.10	-1.249	10.11	-1.107	10.12	-0.933	10.13	-0.766	10.14	-0.704	10.15	-0.640
128	10.16	-0.510	10.17	-0.297	10.18	-0.093	10.19	0.002	10.20	-0.002	10.21	0.031	10.22	0.232	10.23	0.615
129	10.24	1.090	10.25	1.579	10.26	2.088	10.27	2.629	10.28	3.115	10.29	3.563	10.30	3.939	10.31	4.243
130	10.32	2.186	10.33	1.657	10.34	1.322	10.35	1.219	10.36	1.322	10.37	1.507	10.38	1.533	10.39	1.101
131	10.40	0.513	10.41	-0.015	10.42	-0.160	10.43	-0.176	10.44	-2.472	10.45	3.116	10.46	2.559	10.47	1.113
132	10.48	-0.313	10.49	-0.998	10.50	-0.972	10.51	-0.841	10.52	-1.102	10.53	-1.644	10.54	-1.915	10.55	-1.529
133	10.56	-0.660	10.57	-0.139	10.58	-0.164	10.59	-0.385	10.60	-0.300	10.61	-0.522	10.62	-0.198	10.63	1.506
134	10.64	1.716	10.65	1.574	10.66	1.187	10.67	0.732	10.68	-0.369	10.69	0.189	10.70	0.198	10.71	0.295
135	10.72	-0.324	10.73	0.176	10.74	-0.116	10.75	-0.350	10.76	-0.462	10.77	-0.246	10.78	0.201	10.79	0.730
136	10.80	1.187	10.81	1.474	10.82	1.584	10.83	1.598	10.84	1.658	10.85	1.691	10.86	2.308	10.87	2.754
137	10.88	2.964	10.89	2.731	10.90	2.076	10.91	1.269	10.92	0.656	10.93	0.405	10.94	0.386	10.95	0.311
138	10.96	0.013	10.97	-0.404	10.98	-0.698	10.99	-0.788	11.00	-0.880	11.01	-1.257	11.02	-1.901	11.03	-2.365
139	11.04	-2.102	11.05	-0.982	11.06	-0.483	11.07	-1.456	11.08	-1.394	11.09	-0.411	11.10	-0.880	11.11	-1.056
140	11.12	-2.251	11.13	-2.133	11.14	-1.665	11.15	-0.952	11.16	-0.107	11.17	0.648	11.18	1.033	11.19	0.915
141	11.20	0.444	11.21	-0.046	11.22	-0.285	11.23	-0.241	11.24	-0.084	11.25	0.002	11.26	-0.036	11.27	-0.130
142	11.28	-0.193	11.29	-0.205	11.30	-0.199	11.31	-0.213	11.32	-0.246	11.33	-0.277	11.34	-0.296	11.35	-0.315
143	11.36	-0.347	11.37	-0.388	11.38	-0.416	11.39	-0.417	11.40	-0.409	11.41	-0.430	11.42	-0.501	11.43	-0.589
144	11.44	-0.617	11.45	-0.518	11.46	-0.291	11.47	-0.014	11.48	0.214	11.49	0.340	11.50	0.395	11.51	0.447
145	11.52	0.548	11.53	0.691	11.54	0.836	11.55	0.934	11.56	1.050	11.57	1.152	11.58	1.274	11.59	1.406
146	11.60	1.525	11.61	1.624	11.62	1.724	11.63	1.846	11.64	1.993	11.65	2.123	11.66	2.214	11.67	2.280
147	11.68	2.381	11.69	2.554	11.70	2.763	11.71	2.694	11.72	2.843	11.73	2.603	11.74	2.287	11.75	2.043
148	11.76	1.948	11.77	1.959	11.78	1.971	11.79	1.912	11.80	1.791	11.81	1.665	11.82	1.577	11.83	1.519
149	11.84	1.462	11.85	1.383	11.86	1.269	11.87	1.197	11.88	1.116	11.89	1.041	11.90	0.965	11.91	0.885
150	11.92	0.804	11.93	0.721	11.94	0.638	11.95	0.556	11.96	0.476	11.97	0.398	11.98	0.320	11.99	0.239
151	12.00	0.155	12.01	0.069	12.02	-0.013	12.03	-0.086	12.04	-0.148	12.05	-0.205	12.06	-0.266	12.07	-0.338
152	12.08	-0.417	12.09	-0.492	12.10	-0.559	12.11	-0.625	12.12	-0.698	12.13	-0.776	12.14	-0.848	12.15	-0.907
153	12.16	-0.967	12.17	-1.045	12.18	-1.140	12.19	-1.224	12.20	-1.271	12.21	-1.298	12.22	-1.356	12.23	-1.482
154	12.24	-1.639	12.25	-1.722	12.26	-1.634	12.27	-1.370	12.28	-1.036	12.29	-0.769	12.30	-0.639	12.31	-0.507
155	12.32	-0.578	12.33	-0.466	12.34	-0.337	12.35	-0.181	12.36	-0.057	12.37	0.039	12.38	0.134	12.39	0.246
156	12.40	0.369	12.41	0.491	12.42	0.607	12.43	0.724	12.44	0.841	12.45	0.950	12.46	1.051	12.47	1.158
157	12.48	1.291	12.49	1.441	12.50	1.565	12.51	1.618	12.52	1.594	12.53	1.541	12.54	1.519	12.55	1.553
158	12.56	1.622	12.57	1.690	12.58	1.741	12.59	1.782	12.60	1.815	12.61	1.834	12.62	1.845	12.63	1.880
159	12.64	1.864	12.65	2.073	12.66	2.123	12.67	2.027	12.68	1.779	12.69	1.472	12.70	1.229	12.71	1.104
160	12.72	1.055	12.73	1.000	12.74	0.895	12.75	0.755	12.76	0.615	12.77	0.488	12.78	0.367	12.79	0.252
161	12.80	0.151	12.81	0.059	12.82	-0.021	12.83	-0.085	12.84	-0.148	12.85	-0.205	12.86	-0.266	12.87	-0.338
162	12.88	-0.417	12.89	-0.492	12.90	-0.559	12.91	-0.625	12.92	-0.698	12.93	-0.776	12.94	-0.848	12.95	-0.907
163	12.96	-0.967	12.97	-1.045	12.98	-1.140	12.99	-1.224	13.00	-1.271	13.01	-1.298	13.02	-1.356	13.03	-1.482
164	13.04	-1.639	13.05	-1.722	13.06	-1.634	13.07	-1.370	13.08	-1.036	13.09	-0.769	13.10	-0.639	13.11	-0.507
165	13.12	-0.578	13.13	-0.466	13.14	-0.337	13.15	-0.181	13.16	-0.057	13.17	0.039	13.18	0.134	13.19	0.246
166	13.20	0.369	13.21	0.491	13.22	0.607	13.23	0.724	13.24	0.841	13.25	0.950	13.26	1.051	13.27	1.158
167	13.28	1.291	13.29	1.441	13.30	1.565	13.31	1.618	13.32	1.594	13.33	1.541	13.34	1.519	13.35	1.553
168	13.36	1.622	13.37	1.690	13.38	1.741	13.39	1.782	13.40	1.815	13.41	1.834	13.42	1.845	13.43	1.880
169	13.44	1.864	13.45	2.073	13.46	2.123	13.47	2.027	13.48	1.779	13.49	1.472	13.50	1.229	13.51	1.104
170	13.52	0.720	13.53	0.547	13.54	0.406	13.55	0.265	13.56	0.125	13.57	-0.015	13.58	-0.148	13.59	-0.280
171	13.60	-0.417	13.61	-0.492	13.62	-0.559	13.63	-0.625	13.64	-0.698	13.65	-0.776	13.66	-0.848	13.67	-0.907
172	13.68	-0.967	13.69	-1.045	13.70	-1.140	13.71	-1.224	13.72	-1.271	13.73	-1.298	13.74	-1.356	13.75	-1.482
173	13.76	-1.639	13.77	-1.722	13.78	-1.634	13.79	-1.370	13.80	-1.036	13.81	-0.769	13.82	-0.639	13.83	-0.507
174	13.84	-0.578	13.85	-0.466	13.86	-0.337	13.87	-0.181	13.88	-0.057	13.89	0.039	13.90	0.134	13.91	0.246
175	13.92	0.369	13.93	0.491	13.94	0.607	13.95	0.724	13.96	0.841	13.97	0.950	13.98	1.051	13.99	1.158
176	14.00	1.291	14.01	1.441	14.02	1.565	14.03	1.618	14.04	1.594	14.05	1.541	14.06	1.519	14.07	1.553
177	14.08	1.622	14.09	1.690	14.10	1.741	14.11	1.782	14.12	1.815	14.13	1.834	14.14	1.845	14.15	1.880
178	14.16	1.864	14.17	2.073	14.18	2.123	14.19	2.027	14.20	1.779	14.21	1.472	14.22	1.229	14.23	1.104
179	14.24	0.720	14.25	0.547	14.26	0.406	14.27	0.265	14.28	0.125	14.29	-0.015	14.30	-0.148	14.31	-0.280
180	14.32	-0.417	14.33	-0.492	14.34	-0.559	14.35	-0.625	14.36	-0.698	14.37	-0.776	14.38	-0.848	14.39	-0.907
181	14.40	-0.967	14.41	-1.045	14.42	-1.140	14.43	-1.224	14.44	-1.271	14.45	-1.298	14.46	-1.356	14.47	-1.482
182	14.48	-1.639	14.49	-1.722	14.50	-1.634	14.51	-1.370	14.52	-1.036	14.53	-0.769	14.54	-0.639	14.55	-0.507
183	14.56	-0.578	14.57	-0.466	14.58	-0.337	14.59	-0.181	14.60	-0.057	14.61	0.039	14.62	0.134	14.63	0.246

Digitized Accelerogram of Earthquake Record with Index Number E-11 (3-Y)

INPUT WAVE- CARD	TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME
1	0.0	2.488 0.010	7.089 0.020	5.694 0.030	4.319 0.040	2.945 0.050	1.570 0.060	1.779 0.070	1.988
2	0.080	2.488 0.090	7.089 0.100	5.694 0.110	4.319 0.120	2.945 0.130	1.570 0.140	1.779 0.150	1.988
3	0.160	2.488 0.170	7.089 0.180	5.694 0.190	4.319 0.200	2.945 0.210	1.570 0.220	1.779 0.230	1.988
4	0.240	2.488 0.250	7.089 0.260	5.694 0.270	4.319 0.280	2.945 0.290	1.570 0.300	1.779 0.310	1.988
5	0.320	2.488 0.330	7.089 0.340	5.694 0.350	4.319 0.360	2.945 0.370	1.570 0.380	1.779 0.390	1.988
6	0.400	2.488 0.410	7.089 0.420	5.694 0.430	4.319 0.440	2.945 0.450	1.570 0.460	1.779 0.470	1.988
7	0.480	2.488 0.490	7.089 0.500	5.694 0.510	4.319 0.520	2.945 0.530	1.570 0.540	1.779 0.550	1.988
8	0.560	2.488 0.570	7.089 0.580	5.694 0.590	4.319 0.600	2.945 0.610	1.570 0.620	1.779 0.630	1.988
9	0.640	2.488 0.650	7.089 0.660	5.694 0.670	4.319 0.680	2.945 0.690	1.570 0.700	1.779 0.710	1.988
10	0.720	2.488 0.730	7.089 0.740	5.694 0.750	4.319 0.760	2.945 0.770	1.570 0.780	1.779 0.790	1.988
11	0.800	2.488 0.810	7.089 0.820	5.694 0.830	4.319 0.840	2.945 0.850	1.570 0.860	1.779 0.870	1.988
12	0.880	2.488 0.890	7.089 0.900	5.694 0.910	4.319 0.920	2.945 0.930	1.570 0.940	1.779 0.950	1.988
13	0.960	2.488 0.970	7.089 0.980	5.694 0.990	4.319 1.000	2.945 1.010	1.570 1.020	1.779 1.030	1.988
14	1.040	2.488 1.050	7.089 1.060	5.694 1.070	4.319 1.080	2.945 1.090	1.570 1.100	1.779 1.110	1.988
15	1.120	2.488 1.130	7.089 1.140	5.694 1.150	4.319 1.160	2.945 1.170	1.570 1.180	1.779 1.190	1.988
16	1.200	2.488 1.210	7.089 1.220	5.694 1.230	4.319 1.240	2.945 1.250	1.570 1.260	1.779 1.270	1.988
17	1.280	2.488 1.290	7.089 1.300	5.694 1.310	4.319 1.320	2.945 1.330	1.570 1.340	1.779 1.350	1.988
18	1.360	2.488 1.370	7.089 1.380	5.694 1.390	4.319 1.400	2.945 1.410	1.570 1.420	1.779 1.430	1.988
19	1.440	2.488 1.450	7.089 1.460	5.694 1.470	4.319 1.480	2.945 1.490	1.570 1.500	1.779 1.510	1.988
20	1.520	2.488 1.530	7.089 1.540	5.694 1.550	4.319 1.560	2.945 1.570	1.570 1.580	1.779 1.590	1.988
21	1.600	2.488 1.610	7.089 1.620	5.694 1.630	4.319 1.640	2.945 1.650	1.570 1.660	1.779 1.670	1.988
22	1.680	2.488 1.690	7.089 1.700	5.694 1.710	4.319 1.720	2.945 1.730	1.570 1.740	1.779 1.750	1.988
23	1.760	2.488 1.770	7.089 1.780	5.694 1.790	4.319 1.800	2.945 1.810	1.570 1.820	1.779 1.830	1.988
24	1.840	2.488 1.850	7.089 1.860	5.694 1.870	4.319 1.880	2.945 1.890	1.570 1.900	1.779 1.910	1.988
25	1.920	2.488 1.930	7.089 1.940	5.694 1.950	4.319 1.960	2.945 1.970	1.570 1.980	1.779 1.990	1.988
26	2.000	2.488 2.010	7.089 2.020	5.694 2.030	4.319 2.040	2.945 2.050	1.570 2.060	1.779 2.070	1.988
27	2.080	2.488 2.090	7.089 2.100	5.694 2.110	4.319 2.120	2.945 2.130	1.570 2.140	1.779 2.150	1.988
28	2.160	2.488 2.170	7.089 2.180	5.694 2.190	4.319 2.200	2.945 2.210	1.570 2.220	1.779 2.230	1.988
29	2.240	2.488 2.250	7.089 2.260	5.694 2.270	4.319 2.280	2.945 2.290	1.570 2.300	1.779 2.310	1.988
30	2.320	2.488 2.330	7.089 2.340	5.694 2.350	4.319 2.360	2.945 2.370	1.570 2.380	1.779 2.390	1.988
31	2.400	2.488 2.410	7.089 2.420	5.694 2.430	4.319 2.440	2.945 2.450	1.570 2.460	1.779 2.470	1.988
32	2.480	2.488 2.490	7.089 2.500	5.694 2.510	4.319 2.520	2.945 2.530	1.570 2.540	1.779 2.550	1.988
33	2.560	2.488 2.570	7.089 2.580	5.694 2.590	4.319 2.600	2.945 2.610	1.570 2.620	1.779 2.630	1.988
34	2.640	2.488 2.650	7.089 2.660	5.694 2.670	4.319 2.680	2.945 2.690	1.570 2.700	1.779 2.710	1.988
35	2.720	2.488 2.730	7.089 2.740	5.694 2.750	4.319 2.760	2.945 2.770	1.570 2.780	1.779 2.790	1.988
36	2.800	2.488 2.810	7.089 2.820	5.694 2.830	4.319 2.840	2.945 2.850	1.570 2.860	1.779 2.870	1.988
37	2.880	2.488 2.890	7.089 2.900	5.694 2.910	4.319 2.920	2.945 2.930	1.570 2.940	1.779 2.950	1.988
38	2.960	2.488 2.970	7.089 2.980	5.694 2.990	4.319 3.000	2.945 3.010	1.570 3.020	1.779 3.030	1.988
39	3.040	2.488 3.050	7.089 3.060	5.694 3.070	4.319 3.080	2.945 3.090	1.570 3.100	1.779 3.110	1.988
40	3.120	2.488 3.130	7.089 3.140	5.694 3.150	4.319 3.160	2.945 3.170	1.570 3.180	1.779 3.190	1.988
41	3.200	2.488 3.210	7.089 3.220	5.694 3.230	4.319 3.240	2.945 3.250	1.570 3.260	1.779 3.270	1.988
42	3.280	2.488 3.290	7.089 3.300	5.694 3.310	4.319 3.320	2.945 3.330	1.570 3.340	1.779 3.350	1.988
43	3.360	2.488 3.370	7.089 3.380	5.694 3.390	4.319 3.400	2.945 3.410	1.570 3.420	1.779 3.430	1.988
44	3.440	2.488 3.450	7.089 3.460	5.694 3.470	4.319 3.480	2.945 3.490	1.570 3.500	1.779 3.510	1.988
45	3.520	2.488 3.530	7.089 3.540	5.694 3.550	4.319 3.560	2.945 3.570	1.570 3.580	1.779 3.590	1.988
46	3.600	2.488 3.610	7.089 3.620	5.694 3.630	4.319 3.640	2.945 3.650	1.570 3.660	1.779 3.670	1.988
47	3.680	2.488 3.690	7.089 3.700	5.694 3.710	4.319 3.720	2.945 3.730	1.570 3.740	1.779 3.750	1.988
48	3.760	2.488 3.770	7.089 3.780	5.694 3.790	4.319 3.800	2.945 3.810	1.570 3.820	1.779 3.830	1.988
49	3.840	2.488 3.850	7.089 3.860	5.694 3.870	4.319 3.880	2.945 3.890	1.570 3.900	1.779 3.910	1.988
50	3.920	2.488 3.930	7.089 3.940	5.694 3.950	4.319 3.960	2.945 3.970	1.570 3.980	1.779 3.990	1.988
51	4.000	2.488 4.010	7.089 4.020	5.694 4.030	4.319 4.040	2.945 4.050	1.570 4.060	1.779 4.070	1.988
52	4.080	2.488 4.090	7.089 4.100	5.694 4.110	4.319 4.120	2.945 4.130	1.570 4.140	1.779 4.150	1.988
53	4.160	2.488 4.170	7.089 4.180	5.694 4.190	4.319 4.200	2.945 4.210	1.570 4.220	1.779 4.230	1.988
54	4.240	2.488 4.250	7.089 4.260	5.694 4.270	4.319 4.280	2.945 4.290	1.570 4.300	1.779 4.310	1.988
55	4.320	2.488 4.330	7.089 4.340	5.694 4.350	4.319 4.360	2.945 4.370	1.570 4.380	1.779 4.390	1.988
56	4.400	2.488 4.410	7.089 4.420	5.694 4.430	4.319 4.440	2.945 4.450	1.570 4.460	1.779 4.470	1.988
57	4.480	2.488 4.490	7.089 4.500	5.694 4.510	4.319 4.520	2.945 4.530	1.570 4.540	1.779 4.550	1.988
58	4.560	2.488 4.570	7.089 4.580	5.694 4.590	4.319 4.600	2.945 4.610	1.570 4.620	1.779 4.630	1.988
59	4.640	2.488 4.650	7.089 4.660	5.694 4.670	4.319 4.680	2.945 4.690	1.570 4.700	1.779 4.710	1.988
60	4.720	2.488 4.730	7.089 4.740	5.694 4.750	4.319 4.760	2.945 4.770	1.570 4.780	1.779 4.790	1.988
61	4.800	2.488 4.810	7.089 4.820	5.694 4.830	4.319 4.840	2.945 4.850	1.570 4.860	1.779 4.870	1.988
62	4.880	2.488 4.890	7.089 4.900	5.694 4.910	4.319 4.920	2.945 4.930	1.570 4.940	1.779 4.950	1.988
63	4.960	2.488 4.970	7.089 4.980	5.694 4.990	4.319 5.000	2.945 5.010	1.570 5.020	1.779 5.030	1.988
64	5.040	2.488 5.050	7.089 5.060	5.694 5.070	4.319 5.080	2.945 5.090	1.570 5.100	1.779 5.110	1.988
65	5.120	2.488 5.130	7.089 5.140	5.694 5.150	4.319 5.160	2.945 5.170	1.570 5.180	1.779 5.190	1.988
66	5.200	2.488 5.210	7.089 5.220	5.694 5.230	4.319 5.240	2.945 5.250	1.570 5.260	1.779 5.270	1.988
67	5.280	2.488 5.290	7.089 5.300	5.694 5.310	4.319 5.320	2.945 5.330	1.570 5.340	1.779 5.350	1.988
68	5.360	2.488 5.370	7.089 5.380	5.694 5.390	4.319 5.400	2.945 5.410	1.570 5.420	1.779 5.430	1.988
69	5.440	2.488 5.450	7.089 5.460	5.694 5.470	4.319 5.480	2.945 5.490	1.570 5.500	1.779 5.510	1.988
70	5.520	2.488 5.530	7.089 5.540	5.694 5.550	4.319 5.560	2.945 5.570	1.570 5.580	1.779 5.590	1.988
71	5.600	2.488 5.610	7.089 5.620	5.694 5.630	4.319 5.640	2.945 5.650	1.570 5.660	1.779 5.670	1.988
72	5.680	2.488 5.690	7.089 5.700	5.694 5.710	4.319 5.720	2.945 5.730	1.570 5.740	1.779 5.750	1.988
73	5.760	2.488 5.770	7.089 5.780	5.694 5.790	4.319 5.800	2.945 5.810	1.570 5.820	1.779 5.830	1.988
74	5.840	2.488 5.850	7.089 5.860	5.694 5.870	4.319 5.880	2.945 5.890	1.570 5.900	1.779 5.910	1.988
75	5.920	2.488 5.930	7.089 5.940	5.694 5.950	4.319 5.960	2.945 5.970	1.570 5.980	1.779 5.990	1.988
76	6.000	2.488 6.010	7.089 6.020	5.694 6.030	4.319 6.040	2.945 6.050	1.570 6.060	1.779 6.070	1.988
77	6.080	2.488 6.090	7.089 6.100	5.694 6.110	4.319 6.120	2.945 6.130	1.570 6.140	1.779 6.150	1.988
78	6.160	2.488 6.170	7.089 6.180	5.694 6.190	4.319 6.200	2.945 6.210	1.570 6.220	1.779 6.230	1.988
79	6.240	2.488 6.250	7.089 6.260	5.694 6.270	4.319 6.280	2.945 6.290	1.570 6.300	1.779 6.310	1.988
80	6.320	2.488 6.330	7.089 6.340	5.694 6.350	4.319 6.360	2.945 6.370	1.570 6.380	1.779 6.390	1.988
81	6.400	2.488 6.410	7.089 6.420	5.694 6.430	4.319 6.440	2.945 6.450	1.570 6.460	1.779 6.470	1.988
82	6.480	2.488 6.490	7.089 6.500	5.694 6.510	4.319 6.520	2.945 6.530	1.570 6.540	1.779 6.550	1.988
83	6.560	2.488 6.570	7.089 6.580	5.694 6.590	4.319 6.600	2.945 6.610	1.570 6.620	1.779 6.630	1.988
84	6.640	2.488 6.650	7.089 6.660	5.694 6.670	4.319 6.680	2.945 6.690	1.570 6.700	1.779 6.710	1.988
85	6.720	2.488 6.730	7.089 6.740	5.694 6.750	4.319 6.760	2.945 6.770	1.570 6.780		

127	10.080	1.70910.090	2.16010.100	2.61010.110	3.06010.120	2.60010.130	2.54010.140	2.20010.150	2.020
128	10.160	1.70010.170	1.59010.180	1.24010.190	0.98010.200	0.72010.210	0.46010.220	0.20010.230	-0.060
129	10.240	-0.10410.250	-0.14910.260	-0.19310.270	-0.23710.280	-0.28110.290	-0.32510.300	-0.36910.310	-0.414
130	10.320	-0.45910.330	-0.50310.340	-0.54710.350	-0.59110.360	-0.63510.370	-0.67910.380	-0.72310.390	-0.768
131	10.400	-0.70810.410	-0.71710.420	-0.72610.430	-0.73510.440	-0.74510.450	-0.75410.460	-0.76310.470	-0.772
132	10.480	-0.78110.490	-0.79110.500	-0.80010.510	-0.80910.520	-0.81810.530	-0.82710.540	-0.83610.550	-0.845
133	10.560	-1.04010.570	-1.08910.580	-1.13010.590	-1.17110.600	-1.21310.610	-1.25410.620	-1.29510.630	-1.337
134	10.640	-1.37810.650	-1.41910.660	-1.46010.670	-1.50110.680	-1.54210.690	-1.58310.700	-1.62410.710	-1.665
135	10.720	-1.59910.730	-1.65310.740	-1.70710.750	-1.76110.760	-1.81510.770	-1.86910.780	-1.92310.790	-1.977
136	10.800	-0.73210.810	-0.68710.820	-0.64110.830	-0.59510.840	-0.54910.850	-0.50310.860	-0.45710.870	-0.412
137	10.880	-0.37010.890	-0.32610.900	-0.28110.910	-0.23610.920	-0.19110.930	-0.14610.940	-0.10110.950	-0.056
138	10.960	-0.03410.970	0.00010.980	0.05010.990	0.09211.000	0.13411.010	0.17611.020	0.21811.030	0.260
139	11.040	0.78711.050	1.07111.060	1.35611.070	1.64111.080	1.92511.090	2.20911.100	2.49311.110	2.777
140	11.120	3.06311.130	3.34711.140	3.63111.150	3.91511.160	4.19911.170	4.48311.180	4.76711.190	5.051
141	11.200	2.03711.210	1.84911.220	1.66211.230	1.47511.240	1.28811.250	1.10111.260	0.91411.270	0.727
142	11.280	-0.48711.290	-0.87911.300	-1.27111.310	-1.66311.320	-2.05511.330	-2.44711.340	-2.83911.350	-3.231
143	11.360	-2.51911.370	-2.72711.380	-2.93511.390	-3.14311.400	-3.3511.410	-3.55911.420	-3.76711.430	-3.975
144	11.440	-1.28611.450	-0.89111.460	-0.51611.470	-0.14111.480	0.23511.490	0.60911.500	1.00111.510	1.432
145	11.520	3.18511.530	3.89711.540	4.63011.550	5.36311.560	6.09611.570	6.82911.580	7.56211.590	8.295
146	11.600	4.06211.610	3.80211.620	3.54111.630	3.28111.640	3.02111.650	2.76111.660	2.50111.670	2.241
147	11.680	1.85311.690	1.46411.700	1.07511.710	0.68611.720	0.29711.730	-0.09111.740	-0.47911.750	-0.867
148	11.760	-1.25411.770	-1.57511.780	-1.89611.790	-2.21711.800	-2.53811.810	-2.85911.820	-3.18011.830	-3.501
149	11.840	-3.08011.850	-2.65711.860	-2.23511.870	-1.81311.880	-1.39111.890	-0.96911.900	-0.54711.910	-0.125
150	11.920	-0.35411.930	-0.58511.940	-0.81511.950	-1.04611.960	-1.27611.970	-1.50611.980	-1.73711.990	-1.967
151	12.000	-2.19812.010	-2.42812.020	-2.65812.030	-2.88912.040	-3.11912.050	-3.34912.060	-3.57912.070	-3.809
152	12.080	-2.58412.090	-2.20112.100	-2.01712.110	-1.83312.120	-1.64912.130	-1.46512.140	-1.28112.150	-1.097
153	12.160	-0.91512.170	-0.73112.180	-0.54812.190	-0.36412.200	-0.18012.210	0.00412.220	0.18812.230	0.372
154	12.240	0.02612.250	0.16112.260	0.18512.270	0.20912.280	0.23312.290	0.25712.300	0.28112.310	0.305
155	12.320	0.35412.330	0.37212.340	0.39112.350	0.40912.360	0.42712.370	0.44512.380	0.46312.390	0.482
156	12.400	0.50012.410	0.51812.420	0.49612.430	0.47312.440	0.45112.450	0.42912.460	0.40712.470	0.385
157	12.480	0.36212.490	0.33912.500	0.31712.510	0.29412.520	0.27212.530	0.25012.540	0.22812.550	0.206
158	12.560	-0.14312.570	-0.24612.580	-0.35012.590	-0.45412.600	-0.55712.610	-0.66112.620	-0.76512.630	-0.868
159	12.640	-0.97212.650	-1.00312.660	-1.03412.670	-1.06512.680	-1.09612.690	-1.12712.700	-1.15812.710	-1.189
160	12.720	-1.21912.730	-1.25012.740	-1.28112.750	-1.31212.760	-1.34312.770	-1.37412.780	-1.40512.790	-1.436
161	12.800	0.72112.810	1.23612.820	1.75212.830	2.26812.840	2.78412.850	3.29912.860	3.81512.870	4.331
162	12.880	1.45212.890	1.74412.900	1.53612.910	1.32812.920	1.12012.930	0.91212.940	0.70412.950	0.496
163	12.960	0.28912.970	0.08112.980	-0.12712.990	-0.33513.000	-0.54313.010	-0.75113.020	-0.95913.030	-1.167
164	13.040	-1.00713.050	-1.0213.060	-1.03513.070	-1.04913.080	-1.06313.090	-1.07713.100	-1.09113.110	-1.105
165	13.120	-1.20513.130	-1.22913.140	-1.25413.150	-1.27913.160	-1.30313.170	-1.32813.180	-1.35313.190	-1.378
166	13.200	-1.67313.210	-1.78813.220	-1.90313.230	-2.01813.240	-2.13313.250	-2.24813.260	-2.36313.270	-2.478
167	13.280	-2.50413.290	-2.70913.300	-2.91413.310	-3.11913.320	-3.32413.330	-3.52913.340	-3.73413.350	-3.939
168	13.360	-0.47913.370	-0.08813.380	0.30313.390	0.61713.400	0.93113.410	1.24513.420	1.55913.430	1.873
169	13.440	0.98713.450	1.10113.460	1.21513.470	1.32913.480	1.44313.490	1.55713.500	1.67113.510	1.785
170	13.520	1.70213.530	1.75113.540	1.79913.550	1.84813.560	1.89613.570	1.94513.580	1.99313.590	2.042
171	13.600	2.09013.610	2.13913.620	2.18713.630	2.23513.640	2.28413.650	2.33213.660	2.38113.670	2.429
172	13.680	1.21413.690	1.05213.700	0.89013.710	0.72813.720	0.56613.730	0.40413.740	0.24213.750	0.080
173	13.760	0.58713.770	0.56813.780	0.54913.790	0.53013.800	0.51113.810	0.49213.820	0.47313.830	0.454
174	13.840	0.57013.850	0.42013.860	0.27113.870	0.12213.880	-0.02813.890	-0.17813.900	-0.32713.910	-0.476
175	13.920	-0.62613.930	-0.77513.940	-0.92513.950	-1.07513.960	-1.22513.970	-1.37513.980	-1.52513.990	-1.675
176	14.000	0.67014.010	0.93614.020	1.20214.030	1.46814.040	1.73414.050	1.99914.060	2.26514.070	2.531
177	14.080	0.59014.090	0.48814.100	0.38614.110	0.28414.120	0.18214.130	0.08014.140	-0.0214.150	-0.122
178	14.160	0.56314.170	0.72514.180	0.88614.190	1.04714.200	1.20814.210	1.36914.220	1.53014.230	1.691
179	14.240	1.48214.250	1.55114.260	1.61914.270	1.68814.280	1.75614.290	1.82514.300	1.89414.310	1.962
180	14.320	1.78914.330	1.61714.340	1.44414.350	1.27114.360	1.09914.370	0.92614.380	0.75414.390	0.581
181	14.400	0.40814.410	0.23614.420	0.06314.430	-0.10914.440	-0.28214.450	-0.45514.460	-0.62814.470	-0.801
182	14.480	-0.45814.490	-0.49914.500	-0.54214.510	-0.58614.520	-0.62914.530	-0.67314.540	-0.71614.550	-0.759
183	14.560	-0.80314.570	-0.84814.580	-0.89314.590	-0.93814.600	-0.98314.610	-1.02814.620	-1.07314.630	-1.117
184	14.640	-1.15014.650	-1.00914.660	-0.86814.670	-0.72714.680	-0.58614.690	-0.44514.700	-0.30414.710	-0.163
185	14.720	-0.02314.730	0.11814.740	0.25914.750	0.40014.760	0.54114.770	0.68214.780	0.82314.790	0.964

Digitized Accelerogram of Earthquake Record with Index Number E-12 (3-Y)

CARD	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y
1	0.0	13.677	0.01	0.151	0.02	-0.525	0.03	-5.758	0.04	-4.268	0.05	1.371	0.06	5.715	0.07	5.750
2	0.08	3.203	0.09	1.092	0.10	3.313	0.11	5.166	0.12	4.117	0.13	-0.437	0.14	-5.607	0.15	-7.076
3	0.16	-6.118	0.17	-2.554	0.18	0.091	0.19	0.732	0.20	0.123	0.21	-0.727	0.22	-1.648	0.23	-2.724
4	0.24	-3.152	0.25	-1.377	0.26	3.275	0.27	9.228	0.28	13.307	0.29	13.096	0.30	-0.905	0.31	3.496
5	0.32	-0.138	0.33	-0.915	0.34	0.008	0.35	0.681	0.36	0.033	0.37	-1.630	0.38	-3.355	0.39	-4.467
6	0.40	-4.950	0.41	-4.090	0.42	-4.347	0.43	-3.373	0.44	-2.328	0.45	-1.823	0.46	-2.214	0.47	-3.138
7	0.48	-3.669	0.49	-3.067	0.50	-1.454	0.51	0.212	0.52	0.067	0.53	0.124	0.54	-1.546	0.55	-3.280
8	0.56	-4.428	0.57	-4.003	0.58	-4.518	0.59	-3.734	0.60	-2.684	0.61	-1.354	0.62	-0.295	0.63	0.333
9	0.64	0.570	0.65	0.532	0.66	2.608	0.67	1.005	0.68	1.592	0.69	2.236	0.70	2.770	0.71	3.097
10	0.72	3.180	0.73	3.007	0.74	2.608	0.75	2.162	0.76	1.173	0.77	1.709	0.78	2.520	0.79	3.097
11	0.80	2.821	0.81	1.236	0.82	-1.089	0.83	-2.673	0.84	-4.169	0.85	-6.929	0.86	-7.517	0.87	-7.049
12	0.88	4.006	0.89	1.039	0.90	-2.217	0.91	-4.593	0.92	-6.614	0.93	-6.956	0.94	-7.517	0.95	-7.049
13	0.96	-5.638	0.97	-3.233	0.98	-1.146	0.99	-0.395	1.00	-1.098	1.01	-2.477	1.02	-3.502	1.03	-3.553
14	1.04	-2.680	1.05	-1.500	1.06	-0.908	1.07	-1.601	1.08	-3.515	1.09	-5.546	1.10	-6.029	1.11	-3.864
15	1.12	0.534	1.13	5.364	1.14	8.654	1.15	9.559	1.16	6.802	1.17	7.285	1.18	6.262	1.19	5.740
16	1.20	5.406	1.21	4.982	1.22	4.252	1.23	3.139	1.24	1.536	1.25	-0.381	1.26	-2.087	1.27	-2.986
17	1.28	-2.892	1.29	-1.956	1.30	-0.932	1.31	-0.297	1.32	-0.285	1.33	-0.813	1.34	-1.525	1.35	-1.891
18	1.36	-1.873	1.37	-0.321	1.38	0.896	1.39	1.359	1.40	0.907	1.41	0.412	1.42	1.146	1.43	3.541
19	1.44	6.502	1.45	8.059	1.46	6.940	1.47	7.987	1.48	-1.988	1.49	-2.442	1.50	-3.886	1.51	-5.195
20	1.52	-7.560	1.53	-10.149	1.54	-10.653	1.55	-7.987	1.56	-6.541	1.57	-4.526	1.58	-2.470	1.59	-2.426
21	1.60	5.501	1.61	2.146	1.62	0.322	1.63	0.314	1.64	1.111	1.65	1.706	1.66	2.061	1.67	2.912
22	1.68	4.763	1.69	7.069	1.70	8.405	1.71	7.516	1.72	4.388	1.73	0.422	1.74	-2.523	1.75	-3.529
23	1.76	-3.315	1.77	-3.581	1.78	-5.449	1.79	-8.365	1.80	-10.502	1.81	-10.408	1.82	-8.390	1.83	-6.269
24	1.84	-5.695	1.85	-6.607	1.86	-7.356	1.87	-6.312	1.88	-3.324	1.89	0.340	1.90	3.331	1.91	5.327
25	1.92	6.871	1.93	8.448	1.94	10.013	1.95	11.406	1.96	12.808	1.97	14.358	1.98	15.334	1.99	14.176
26	2.00	-7.704	2.01	-3.362	2.02	-2.563	2.03	-5.524	2.04	-5.579	2.05	-5.071	2.06	-6.169	2.07	-8.562
27	2.08	4.877	2.09	7.443	2.10	6.530	2.11	1.961	2.12	3.398	2.13	1.987	2.14	0.533	2.15	1.588
28	2.16	-5.759	2.17	-6.269	2.18	-6.186	2.19	-9.034	2.20	-6.541	2.21	-4.593	2.22	-2.393	2.23	-1.025
29	2.24	17.047	2.25	16.235	2.26	13.107	2.27	9.658	2.28	6.929	2.29	4.526	2.30	1.470	2.31	2.426
30	2.32	-6.003	2.33	-7.650	2.34	-6.829	2.35	-4.646	2.36	-2.738	2.37	-1.526	2.38	-0.253	2.39	4.023
31	2.40	9.279	2.41	13.277	2.42	13.164	2.43	8.610	2.44	2.487	2.45	-1.856	2.46	-3.146	2.47	-3.015
32	2.48	-3.181	2.49	-0.056	2.50	-0.132	2.51	-0.510	2.52	-7.549	2.53	-7.001	2.54	-7.644	2.55	-7.932
33	2.56	-5.495	2.57	-0.056	2.58	-0.132	2.59	-0.510	2.60	-7.549	2.61	-7.001	2.62	-7.644	2.63	-7.932
34	2.64	-9.267	2.65	-9.797	2.66	-12.424	2.67	-14.872	2.68	-13.501	2.69	-10.886	2.70	-7.252	2.71	-10.886
35	2.72	14.748	2.73	18.558	2.74	17.098	2.75	21.053	2.76	28.684	2.77	31.986	2.78	27.548	2.79	15.533
36	2.80	1.774	2.81	-6.112	2.82	-8.370	2.83	-14.668	2.84	-11.322	2.85	-11.527	2.86	-4.432	2.87	-4.995
37	2.88	-11.060	2.89	-12.372	2.90	-12.372	2.91	-14.668	2.92	-13.015	2.93	-12.488	2.94	-12.039	2.95	-12.039
38	2.96	-1.331	2.97	4.825	2.98	3.626	2.99	-2.318	3.00	-7.640	3.01	-6.696	3.02	-5.855	3.03	-2.051
39	3.04	0.370	3.05	1.321	3.06	1.982	3.07	2.779	3.08	2.747	3.09	0.786	3.10	-2.780	3.11	-6.194
40	3.12	-7.766	3.13	-7.216	3.14	-5.494	3.15	-3.550	3.16	-1.621	3.17	0.184	3.18	1.037	3.19	-0.253
41	3.20	-3.609	3.21	-6.621	3.22	-5.752	3.23	-0.685	3.24	10.447	3.25	18.452	3.26	20.491	3.27	16.137
42	3.28	9.892	3.29	5.335	3.30	4.416	3.31	5.620	3.32	6.468	3.33	5.966	3.34	4.921	3.35	4.322
43	3.36	3.963	3.37	2.933	3.38	1.205	3.39	-0.238	3.40	-1.611	3.41	-5.069	3.42	-8.226	3.43	-8.542
44	3.44	-13.682	3.45	-10.945	3.46	-8.181	3.47	-5.118	3.48	-2.163	3.49	-0.463	3.50	-0.463	3.51	-13.126
45	3.52	-7.908	3.53	-6.112	3.54	-4.274	3.55	-2.318	3.56	-0.792	3.57	-0.255	3.58	-0.255	3.59	-0.255
46	3.60	-7.011	3.61	-6.245	3.62	-4.852	3.63	-3.788	3.64	-2.131	3.65	-0.634	3.66	-0.634	3.67	-0.634
47	3.68	-7.599	3.69	-6.625	3.70	-4.852	3.71	-3.788	3.72	-2.131	3.73	-0.634	3.74	-0.634	3.75	-0.634
48	3.76	-3.952	3.77	-3.622	3.78	-1.825	3.79	-0.727	3.80	-3.185	3.81	-2.054	3.82	-1.954	3.83	-2.988
49	3.84	-3.925	3.85	-1.659	3.86	3.514	3.87	7.105	3.88	11.060	3.89	13.501	3.90	14.260	3.91	13.612
50	3.92	12.690	3.93	11.880	3.94	10.723	3.95	8.629	3.96	-8.844	3.97	-9.687	3.98	-10.788	3.99	-10.562
51	4.00	-6.837	4.01	-3.852	4.02	-0.105	4.03	-1.994	4.04	-3.159	4.05	-5.152	4.06	-6.532	4.07	-11.563
52	4.08	-11.698	4.09	-8.274	4.10	-6.442	4.11	-4.768	4.12	-3.250	4.13	-2.074	4.14	-1.025	4.15	-5.075
53	4.16	-12.050	4.17	-16.540	4.18	-16.478	4.19	-13.274	4.20	-10.280	4.21	-6.249	4.22	-4.971	4.23	-2.369
54	4.24	-10.612	4.25	-6.761	4.26	-4.129	4.27	-2.505	4.28	-1.713	4.29	-0.767	4.30	-0.332	4.31	3.021
55	4.28	-0.208	4.29	-2.977	4.30	-3.114	4.31	-8.958	4.32	-8.733	4.33	-7.402	4.34	-6.667	4.35	-7.133
56	4.36	-0.635	4.37	-8.575	4.38	-7.687	4.39	-6.351	4.40	-4.239	4.41	-2.873	4.42	-1.684	4.43	-3.357
57	4.44	8.550	4.45	9.131	4.46	4.743	4.47	-0.843	4.48	-10.751	4.49	-13.049	4.50	-14.277	4.51	-13.482
58	4.48	-2.768	4.49	-6.544	4.50	-7.305	4.51	-6.835	4.52	-5.084	4.53	-3.875	4.54	-2.865	4.55	-1.084
59	4.56	-10.995	4.57	-8.326	4.58	-6.228	4.59	-4.356	4.60	-2.824	4.61	-1.614	4.62	-0.814	4.63	-0.266
60	4.64	4.630	4.65	6.944	4.66	5.432	4.67	3.565	4.68	1.667	4.69	0.507	4.70	-0.266	4.71	0.460
61	4.72	6.804	4.73	-0.072	4.74	-0.915	4.75	-1.758	4.76	-2.400	4.77	-2.831	4.78	-3.170	4.79	-3.638
62	4.80	-4.501	4.81	-5.849	4.82	-7.325	4.83	-8.172	4.84	-7.720	4.85	-5.967	4.86	-3.685	4.87	-1.883
63	4.88	-1.089	4.89	-1.084	4.90	-1.257	4.91	-1.150	4.92	-0.609	4.93	-0.089	4.94	0.490	4.95	0.927
64	4.96	1.191	4.97	1.405	4.98	1.903	4.99	3.067	5.00	4.914	5.01	6.824	5.02	7.008	5.03	7.215
65	5.04	5.291	5.05	3.048	5.06	1.504	5.07	0.974	5.08	0.997	5.09	0.910	5.10	0.456	5.11	-0.077
66	5.12	-0.250	5.13	0.052	5.14	-0.044	5.15	-0.044	5.16	-0.331	5.17	-0.243	5.18	-0.654	5.19	-0.670
67	5.16	-0.687	5.17	-0.854	5.18	-1.631	5.19	-0.078	5.20	-0.052	5.21	0.101	5.22	0.253	5.23	0.266
68	5.24	-0.158	5.25	-0.854	5.26	-1.631	5.27	-0.078	5.28	-0.052	5.29	0.101	5.30	0.253	5.31	0.266
69	5.28	-4.222	5.29	-5.742	5.30	-7.740	5.31	-8.430	5.32	-6.401	5.33	-2.066	5.34	-0.306	5.35	-0.218
70	5.36	-2.903	5.37	-0.150	5.38	-2.561	5.39	-2.994	5.40	-1.948	5.41	-0.851	5.42	-0.580	5.43	-0.829
71	5.44	-0.739	5.45	0.104	5.46	1.341	5.47	2.322	5.48	2.739	5.49	2.736	5.50	2.579	5.51	2.365
72	5.52	2.072	5.53	1.768	5.54	1.626	5.55	1.738	5.56	1.983	5.57	2.120	5.58	2.028	5.59	1.802
73	5.56	1.632	5.57	1.605	5.58	1.641	5.59	1.594	5.60	1.402	5.61	1.154	5.62	1.023	5.63	1.140
74	5.64	1.494	5.65	1.969	5.66	2.477	5.67	3.052	5.68	3.771	5.69	4.512	5.70	4.8		

127	10.08	4.175	10.09	4.633	10.10	3.145	10.11	1.987	10.12	1.132	10.13	0.837	10.14	0.925	10.15	1.021
128	10.16	0.865	10.17	0.457	10.18	-0.025	10.19	-0.399	10.20	-0.579	10.21	-0.572	10.22	-0.445	10.23	-0.288
129	10.24	-0.194	10.25	-0.216	10.26	-0.333	10.27	-0.444	10.28	-0.537	10.29	-0.542	10.30	-0.536	10.31	-0.572
130	10.32	-0.656	10.33	-0.740	10.34	-0.780	10.35	-0.770	10.36	-0.740	10.37	-0.720	10.38	-0.720	10.39	-0.728
131	10.40	-0.739	10.41	-0.751	10.42	-0.769	10.43	-0.787	10.44	-0.796	10.45	-0.793	10.46	-0.786	10.47	-0.795
132	10.48	-0.834	10.49	-0.901	10.50	-0.980	10.51	-1.046	10.52	-1.087	10.53	-1.087	10.54	-1.113	10.55	-1.187
133	10.56	-1.238	10.57	-1.278	10.58	-1.304	10.59	-1.336	10.60	-1.396	10.61	-1.476	10.62	-1.526	10.63	-1.496
134	10.64	-1.381	10.65	-1.226	10.66	-1.111	10.67	-1.060	10.68	-1.055	10.69	-1.048	10.70	-1.010	10.71	-0.948
135	10.72	-0.885	10.73	-0.630	10.74	-0.402	10.75	-0.263	10.76	-0.175	10.77	-0.064	10.78	-0.016	10.79	-0.573
136	10.80	-0.531	10.81	-0.407	10.82	-0.438	10.83	-0.385	10.84	-0.356	10.85	-0.297	10.86	-0.268	10.87	-0.237
137	10.88	-0.191	10.89	-0.131	10.90	-0.077	10.91	-0.048	10.92	-0.036	10.93	-0.008	10.94	0.001	10.95	0.153
138	10.96	0.213	10.97	0.198	10.98	0.141	10.99	0.156	11.00	0.372	11.01	0.831	11.02	1.432	11.03	1.977
139	11.04	2.355	11.05	2.415	11.06	2.470	11.07	2.710	11.08	3.184	11.09	3.735	11.10	4.050	11.11	3.903
140	11.12	3.325	11.13	2.596	11.14	2.038	11.15	1.795	11.16	1.704	11.17	1.809	11.18	1.734	11.19	1.537
141	11.20	1.246	11.21	0.866	11.22	0.382	11.23	-0.182	11.24	-0.743	11.25	-1.216	11.26	-1.579	11.27	-1.869
142	11.28	-2.113	11.29	-2.282	11.30	-2.336	11.31	-2.314	11.32	-2.358	11.33	-2.612	11.34	-3.079	11.35	-3.567
143	11.36	-3.771	11.37	-3.462	11.38	-2.650	11.39	-1.599	11.40	-0.694	11.41	-0.209	11.42	-0.130	11.43	-0.189
144	11.44	0.026	11.45	0.623	11.46	1.493	11.47	2.401	11.48	3.245	11.49	4.137	11.50	5.200	11.51	6.268
145	11.52	6.956	11.53	6.778	11.54	5.749	11.55	4.380	11.56	3.346	11.57	2.997	11.58	3.148	11.59	3.318
146	11.60	3.187	11.61	2.731	11.62	2.285	11.63	2.024	11.64	1.885	11.65	1.645	11.66	1.165	11.67	0.530
147	11.68	-0.043	11.69	-0.412	11.70	-0.639	11.71	-0.922	11.72	-1.384	11.73	-1.935	11.74	-2.347	11.75	-2.490
148	11.76	-2.508	11.77	-2.725	11.78	-3.315	11.79	-4.054	11.80	-4.423	11.81	-4.026	11.82	-2.955	11.83	-1.724
149	11.84	-0.841	11.85	-0.401	11.86	-0.126	11.87	0.244	11.88	0.612	11.89	0.620	11.90	0.051	11.91	-0.896
150	11.92	-1.743	11.93	-2.142	11.94	-2.131	11.95	-2.019	11.96	-2.074	11.97	-2.344	11.98	-2.729	11.99	-3.125
151	12.00	-3.462	12.01	-3.636	12.02	-3.510	12.03	-3.041	12.04	-2.391	12.05	-1.855	12.06	-1.625	12.07	-1.639
152	12.08	-1.658	12.09	-1.508	12.10	-1.217	12.11	-0.943	12.12	-0.781	12.13	-0.675	12.14	-0.513	12.15	-0.286
153	12.16	-0.026	12.17	0.093	12.18	0.070	12.19	-0.009	12.20	-0.033	12.21	0.068	12.22	0.201	12.23	0.352
154	12.24	0.441	12.25	0.449	12.26	0.399	12.27	0.338	12.28	0.312	12.29	0.337	12.30	0.394	12.31	0.443
155	12.32	0.459	12.33	0.451	12.34	0.446	12.35	0.468	12.36	0.515	12.37	0.561	12.38	0.575	12.39	0.544
156	12.40	0.480	12.41	0.416	12.42	0.377	12.43	0.363	12.44	0.350	12.45	0.322	12.46	0.289	12.47	0.279
157	12.48	0.293	12.49	0.286	12.50	0.203	12.51	0.031	12.52	-0.179	12.53	-0.356	12.54	-0.465	12.55	-0.527
158	12.56	-0.586	12.57	-0.669	12.58	-0.782	12.59	-0.923	12.60	-1.074	12.61	-1.188	12.62	-1.212	12.63	-1.144
159	12.64	-1.067	12.65	-1.080	12.66	-1.192	12.67	-1.286	12.68	-1.250	12.69	-1.132	12.70	-1.126	12.71	-1.359
160	12.72	-1.685	12.73	-1.722	12.74	-1.193	12.75	-0.187	12.76	0.891	12.77	1.685	12.78	2.189	12.79	2.684
161	12.80	3.281	12.81	3.771	12.82	3.784	12.83	3.121	12.84	2.070	12.85	1.191	12.86	0.857	12.87	0.979
162	12.88	1.181	12.89	1.078	12.90	0.723	12.91	0.314	12.92	0.045	12.93	-0.077	12.94	-0.188	12.95	-0.331
163	12.96	-0.581	12.97	-0.877	12.98	-1.160	12.99	-1.560	13.00	-1.412	13.01	-1.297	13.02	-1.097	13.03	-0.956
164	13.04	-0.970	13.05	-1.103	13.06	-1.227	13.07	-1.254	13.08	-1.213	13.09	-1.195	13.10	-1.247	13.11	-1.317
165	13.12	-1.336	13.13	-1.308	13.14	-1.313	13.15	-1.420	13.16	-1.609	13.17	-1.808	13.18	-1.975	13.19	-2.123
166	13.20	-2.266	13.21	-2.370	13.22	-2.398	13.23	-2.398	13.24	-2.504	13.25	-2.799	13.26	-3.159	13.27	-3.282
167	13.28	-2.920	13.29	-2.106	13.30	-1.158	13.31	-0.424	13.32	-0.011	13.33	0.237	13.34	0.525	13.35	0.876
168	13.36	1.126	13.37	1.128	13.38	0.936	13.39	0.768	13.40	0.805	13.41	1.038	13.42	1.307	13.43	1.473
169	13.44	1.549	13.45	1.600	13.46	1.706	13.47	1.812	13.48	1.846	13.49	1.801	13.50	1.760	13.51	1.799
170	13.52	1.912	13.53	2.018	13.54	2.049	13.55	2.027	13.56	2.041	13.57	2.150	13.58	2.309	13.59	2.385
171	13.60	2.257	13.61	1.916	13.62	1.487	13.63	1.144	13.64	0.980	13.65	0.945	13.66	0.894	13.67	0.720
172	13.68	0.448	13.69	0.222	13.70	0.177	13.71	0.324	13.72	0.545	13.73	0.693	13.74	0.707	13.75	0.626
173	13.76	0.536	13.77	0.493	13.78	0.510	13.79	0.576	13.80	0.657	13.81	0.681	13.82	0.557	13.83	0.256
174	13.84	-0.127	13.85	-0.416	13.86	-0.504	13.87	-0.474	13.88	-0.537	13.89	-0.826	13.90	-1.220	13.91	-1.409
175	13.92	-1.157	13.93	-0.513	13.94	0.217	13.95	0.739	13.96	0.999	13.97	1.167	13.98	1.403	13.99	1.659
176	14.00	1.718	14.01	1.428	14.02	0.886	14.03	0.301	14.04	0.195	14.05	0.298	14.06	0.465	14.07	0.443
177	14.08	0.181	14.09	-0.142	14.10	-0.276	14.11	-0.099	14.12	0.311	14.13	0.764	14.14	1.108	14.15	1.304
178	14.16	1.400	14.17	1.453	14.18	1.490	14.19	1.518	14.20	1.548	14.21	1.598	14.22	1.640	14.23	1.683
179	14.24	1.726	14.25	1.806	14.26	1.951	14.27	2.118	14.28	2.188	14.29	2.046	14.30	1.688	14.31	1.240
180	14.32	0.874	14.33	0.673	14.34	0.595	14.35	0.530	14.36	0.493	14.37	0.210	14.38	-0.012	14.39	-0.233
181	14.40	-0.435	14.41	-0.586	14.42	-0.644	14.43	-0.601	14.44	-0.507	14.45	-0.447	14.46	-0.473	14.47	-0.567
182	14.48	-0.467	14.49	-0.728	14.50	-0.750	14.51	-0.765	14.52	-0.800	14.53	-0.860	14.54	-0.929	14.55	-0.980
183	14.56	-0.999	14.57	-1.000	14.58	-1.031	14.59	-1.132	14.60	-1.270	14.61	-1.329	14.62	-1.197	14.63	-0.879
184	14.64	-0.519	14.65	-0.276	14.66	-0.181	14.67	-0.105	14.68	0.060	14.69	0.272	14.70	0.386	14.71	0.359
185	14.72	0.371	14.73	0.649	14.74	1.166	14.75	1.537	14.76	1.319	14.77	0.454	14.78	-0.582	14.79	-1.129

Digitized Accelerogram of Earthquake Record with Index Number E-13 (3-Z)

INPUT CARD	WAVE TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME	DIGIT-V TIME
1	0.0	-2.191 0.010	-0.943 0.020	0.306 0.030	1.554 0.040	1.647 0.050	1.740 0.060	1.832 0.070	1.925	
2	0.000	-2.798 0.090	3.089 0.100	3.379 0.110	3.670 0.120	3.961 0.130	4.252 0.140	4.543 0.150	4.834	
3	0.100	-1.289 0.170	-0.899 0.180	-3.087 0.190	-2.981 0.200	-2.875 0.210	-2.769 0.220	-2.663 0.230	-2.557	
4	0.200	-2.451 0.250	-2.345 0.260	-2.239 0.270	-2.133 0.280	-2.027 0.290	-1.921 0.300	-1.815 0.310	-1.709	
5	0.300	-1.603 0.330	-0.771 0.340	0.060 0.350	0.892 0.360	1.516 0.370	1.140 0.380	0.764 0.390	0.388	
6	0.400	-0.013 0.410	-0.363 0.420	-0.348 0.430	-0.332 0.440	-0.317 0.450	-0.301 0.460	-0.286 0.470	-0.270	
7	0.500	-0.255 0.490	-0.239 0.500	-0.224 0.510	-0.208 0.520	-0.193 0.530	-0.177 0.540	-0.162 0.550	-0.146	
8	0.600	-0.131 0.570	-1.257 0.580	-0.863 0.590	-0.468 0.600	-0.073 0.610	0.321 0.620	0.715 0.630	1.110	
9	0.700	0.009 0.650	0.508 0.660	0.207 0.670	-0.094 0.680	-0.395 0.690	-0.696 0.700	-0.997 0.710	-1.298	
10	0.800	-0.476 0.730	-0.497 0.740	-0.517 0.750	-0.538 0.760	-0.558 0.770	-0.578 0.780	-0.599 0.790	-0.619	
11	0.900	-0.640 0.810	-0.660 0.820	-0.680 0.830	-0.701 0.840	-0.721 0.850	-0.741 0.860	-0.761 0.870	-0.781	
12	1.000	1.507 0.890	1.101 0.900	0.854 0.910	0.528 0.920	0.202 0.930	-0.124 0.940	-0.450 0.950	-0.776	
13	1.100	0.031 0.970	-0.011 0.980	-0.054 0.990	-0.100 1.000	-0.146 1.010	-0.192 1.020	-0.238 1.030	-0.284	
14	1.200	-0.811 1.050	-0.937 1.060	-1.063 1.070	-1.189 1.080	-1.315 1.090	-1.441 1.100	-1.567 1.110	-1.693	
15	1.300	0.179 1.130	0.386 1.140	0.593 1.150	0.800 1.160	0.915 1.170	1.030 1.180	1.145 1.190	1.260	
16	1.400	0.868 1.210	0.877 1.220	0.889 1.230	0.902 1.240	0.915 1.250	0.928 1.260	0.941 1.270	0.954	
17	1.500	0.644 1.290	0.979 1.300	0.149 1.310	1.004 1.320	1.017 1.330	1.030 1.340	1.043 1.350	1.056	
18	1.600	0.370 1.370	0.150 1.380	0.140 1.390	0.148 1.400	0.147 1.410	0.146 1.420	0.145 1.430	0.144	
19	1.700	0.142 1.450	0.141 1.460	0.140 1.470	0.139 1.480	0.138 1.490	0.137 1.500	0.136 1.510	0.135	
20	1.800	-0.460 1.530	-0.180 1.540	0.099 1.550	0.379 1.560	0.503 1.570	0.627 1.580	0.751 1.590	0.875	
21	1.900	-0.750 1.610	-0.220 1.620	0.310 1.630	0.840 1.640	1.370 1.650	1.900 1.660	2.430 1.670	2.960	
22	2.000	3.740 1.690	3.864 1.700	3.913 1.710	3.962 1.720	4.010 1.730	4.059 1.740	4.108 1.750	4.157	
23	2.100	3.668 1.770	3.448 1.780	3.228 1.790	3.008 1.800	2.788 1.810	2.568 1.820	2.348 1.830	2.128	
24	2.200	-4.590 1.850	-4.435 1.860	-4.280 1.870	-4.125 1.880	-3.969 1.890	-3.814 1.900	-3.659 1.910	-3.504	
25	2.300	-3.078 1.930	-2.908 1.940	-2.738 1.950	-2.568 1.960	-2.398 1.970	-2.228 1.980	-2.058 1.990	-1.888	
26	2.400	-2.504 2.010	0.068 2.020	-2.589 2.030	-2.632 2.040	-2.675 2.050	-2.718 2.060	-2.761 2.070	-2.804	
27	2.500	-0.181 2.090	0.068 2.100	0.067 2.110	0.066 2.120	0.065 2.130	0.064 2.140	0.063 2.150	0.062	
28	2.600	0.285 2.170	0.359 2.180	0.433 2.190	0.507 2.200	0.581 2.210	0.655 2.220	0.729 2.230	0.803	
29	2.700	0.926 2.250	1.050 2.260	1.174 2.270	1.298 2.280	1.422 2.290	1.546 2.300	1.670 2.310	1.794	
30	2.800	2.139 2.330	2.374 2.340	2.609 2.350	2.844 2.360	3.079 2.370	3.314 2.380	3.549 2.390	3.784	
31	2.900	3.408 2.410	3.031 2.420	2.655 2.430	2.279 2.440	1.903 2.450	1.527 2.460	1.151 2.470	0.775	
32	3.000	-0.101 2.490	-0.352 2.500	-0.603 2.510	-0.854 2.520	-1.105 2.530	-1.356 2.540	-1.607 2.550	-1.858	
33	3.100	-3.985 2.570	-7.048 2.580	-10.112 2.590	-13.175 2.600	-16.238 2.610	-19.301 2.620	-22.364 2.630	-25.427	
34	3.200	0.630 2.650	1.337 2.660	2.045 2.670	2.752 2.680	3.460 2.690	4.167 2.700	4.875 2.710	5.582	
35	3.300	-2.720 2.730	-4.672 2.740	-6.624 2.750	-8.576 2.760	-10.528 2.770	-12.480 2.780	-14.432 2.790	-16.384	
36	3.400	-4.709 2.810	-4.389 2.820	-4.069 2.830	-3.749 2.840	-3.429 2.850	-3.109 2.860	-2.789 2.870	-2.469	
37	3.500	0.102 2.890	1.226 2.900	2.350 2.910	3.474 2.920	4.598 2.930	5.722 2.940	6.846 2.950	7.970	
38	3.600	1.342 2.970	0.966 2.980	0.590 2.990	0.214 3.000	-0.162 3.010	-0.538 3.020	-0.914 3.030	-1.290	
39	3.700	3.334 3.050	3.562 3.060	3.790 3.070	4.017 3.080	4.245 3.090	4.473 3.100	4.701 3.110	4.929	
40	3.800	4.349 3.130	4.173 3.140	3.997 3.150	3.821 3.160	3.645 3.170	3.469 3.180	3.293 3.190	3.117	
41	3.900	8.815 3.210	9.252 3.220	9.689 3.230	10.126 3.240	10.563 3.250	11.000 3.260	11.437 3.270	11.874	
42	4.000	3.481 3.290	3.155 3.300	2.829 3.310	2.503 3.320	2.177 3.330	1.851 3.340	1.525 3.350	1.200	
43	4.100	0.947 3.370	1.296 3.380	1.645 3.390	1.994 3.400	2.343 3.410	2.692 3.420	3.041 3.430	3.390	
44	4.200	-2.211 3.450	-3.512 3.460	-4.813 3.470	-6.114 3.480	-7.415 3.490	-8.716 3.500	-10.017 3.510	-11.318	
45	4.300	-3.121 3.530	-2.305 3.540	-1.489 3.550	-0.673 3.560	0.143 3.570	0.959 3.580	1.775 3.590	2.591	
46	4.400	-0.245 3.610	-0.200 3.620	-0.154 3.630	-0.108 3.640	-0.062 3.650	-0.016 3.660	0.030 3.670	0.074	
47	4.500	-0.197 3.690	-0.281 3.700	-0.366 3.710	-0.450 3.720	-0.534 3.730	-0.618 3.740	-0.702 3.750	-0.786	
48	4.600	-4.498 3.770	-5.124 3.780	-5.750 3.790	-6.376 3.800	-6.999 3.810	-7.622 3.820	-8.245 3.830	-8.868	
49	4.700	-0.070 3.850	1.116 3.860	2.177 3.870	3.238 3.880	4.299 3.890	5.360 3.900	6.421 3.910	7.482	
50	4.800	3.232 3.930	3.231 3.940	3.230 3.950	3.229 3.960	3.228 3.970	3.227 3.980	3.226 3.990	3.225	
51	4.900	3.765 4.010	3.972 4.020	4.158 4.030	4.345 4.040	4.531 4.050	4.718 4.060	4.904 4.070	5.091	
52	5.000	2.064 4.090	1.987 4.100	1.911 4.110	1.835 4.120	1.759 4.130	1.683 4.140	1.607 4.150	1.531	
53	5.100	-0.669 4.170	-1.295 4.180	-1.921 4.190	-2.547 4.200	-3.173 4.210	-3.799 4.220	-4.425 4.230	-5.051	
54	5.200	-1.638 4.250	-1.597 4.260	-1.557 4.270	-1.517 4.280	-1.477 4.290	-1.437 4.300	-1.397 4.310	-1.357	
55	5.300	1.480 4.330	1.523 4.340	1.565 4.350	1.607 4.360	1.649 4.370	1.691 4.380	1.733 4.390	1.775	
56	5.400	1.819 4.410	1.851 4.420	1.893 4.430	1.935 4.440	1.977 4.450	2.019 4.460	2.061 4.470	2.103	
57	5.500	2.157 4.490	2.200 4.500	2.242 4.510	2.284 4.520	2.326 4.530	2.368 4.540	2.410 4.550	2.452	
58	5.600	0.951 4.570	0.221 4.580	-0.509 4.590	-1.239 4.600	-1.969 4.610	-2.699 4.620	-3.429 4.630	-4.159	
59	5.700	0.225 4.650	0.774 4.660	1.467 4.670	2.160 4.680	2.853 4.690	3.546 4.700	4.239 4.710	4.932	
60	5.800	-1.372 4.730	-1.679 4.740	-1.985 4.750	-2.291 4.760	-2.597 4.770	-2.903 4.780	-3.209 4.790	-3.515	
61	5.900	-2.028 4.810	-2.035 4.820	-2.042 4.830	-2.049 4.840	-2.056 4.850	-2.063 4.860	-2.070 4.870	-2.077	
62	6.000	-2.085 4.890	-2.092 4.900	-2.099 4.910	-2.106 4.920	-2.113 4.930	-2.120 4.940	-2.127 4.950	-2.134	
63	6.100	-1.083 4.970	-1.720 4.980	-1.513 4.990	-1.306 5.000	-1.099 5.010	-0.892 5.020	-0.685 5.030	-0.478	
64	6.200	-1.598 5.050	-1.835 5.060	-2.072 5.070	-2.309 5.080	-2.546 5.090	-2.783 5.100	-3.020 5.110	-3.257	
65	6.300	-2.779 5.130	-2.780 5.140	-2.781 5.150	-2.782 5.160	-2.783 5.170	-2.784 5.180	-2.785 5.190	-2.786	
66	6.400	-2.788 5.210	-2.789 5.220	-2.790 5.230	-2.791 5.240	-2.792 5.250	-2.793 5.260	-2.794 5.270	-2.795	
67	6.500	0.077 5.290	0.264 5.300	0.450 5.310	0.636 5.320	0.822 5.330	1.008 5.340	1.194 5.350	1.380	
68	6.600	1.567 5.370	1.655 5.380	1.743 5.390	1.831 5.400	1.919 5.410	2.007 5.420	2.095 5.430	2.183	
69	6.700	1.558 5.450	0.932 5.460	0.307 5.470	-0.319 5.480	-0.945 5.490	-1.571 5.500	-2.197 5.510	-2.823	
70	6.800	-1.642 5.530	-1.816 5.540	-1.990 5.550	-2.165 5.560	-2.339 5.570	-2.514 5.580	-2.688 5.590	-2.862	
71	6.900	-3.036 5.610	-3.210 5.620	-3.384 5.630	-3.558 5.640	-3.732 5.650	-3.906 5.660	-4.080 5.670	-4.254	
72	7.000	-2.612 5.690	-2.755 5.700	-2.898 5.710	-3.041 5.720	-3.184 5.730	-3.327 5.740	-3.470 5.750	-3.613	
73	7.100	-2.357 5.770	-2.300 5.780	-2.243 5.790	-2.186 5.800	-2.129 5.810	-2.072 5.820	-2.015 5.830	-1.958	
74	7.200	-1.901 5.850	-1.845 5.860	-1.788 5.870	-1.731 5.880	-1.674 5.890	-1.617 5.900	-1.560 5.910	-1.503	
75	7.300	-1.308 5.930	-1.205 5.940	-1.102 5.950	-1.045 5.960	-0.988 5.970	-0.931 5.980	-0.874 5.990	-0.817	
76	7.400	-0.713 6.010	-0.656 6.020	-0.599 6.030	-0.542 6.040	-0.485 6.050	-0.428 6.060	-0.371 6.070	-0.314	
77	7.500	-0.255 6.090	-0.198 6.100	-0.141 6.110	-0.084 6.120	-0.027 6.130	0.030 6.140	0.087 6.150	0.144	
78	7.600	0.226 6.170	-0.400 6.180	-1.026 6.190	-1.652 6.200	-2.278 6.210	-2.904 6.220	-3.530 6.230	-4.156	
79	7.700	-1.611 6.250	-1.603 6.260	-1.595 6.270	-1.587 6.280	-1.579 6.290	-1.571 6.300	-1.563 6.310	-1.555	
80	7.800	-1.547 6.330	-1.538 6.340	-1.530 6.350	-1.522 6.360	-1.514 6.370	-1.506 6.380	-1.498 6.390	-1.490	
81	7.900	-1.482 6.410	-1.474 6.420	-1.465 6.430	-1.457 6.440	-1.449 6.450	-1.441 6.460	-1.433 6.470	-1.425	
82	8.000	-0.855 6.490	-0.312 6.500	0.235 6.510	0.778 6.520	1.321 6.530	1.864 6.540	2.407 6.550	2.950	
83	8.100	0.500 6.570	0.512 6.5							

127	10.080	-0.05710.099	0.04610.100	0.14910.110	0.25110.120	0.35410.130	0.45710.140	0.56010.150	0.663
128	10.160	0.76610.170	0.71310.180	0.66010.190	0.60710.200	0.55410.210	0.50110.220	0.44710.230	0.394
129	10.240	0.34110.250	0.28810.260	0.23510.270	0.18210.280	0.12910.290	0.07610.300	0.02310.310	-0.031
130	10.320	-0.00910.330	-0.13710.340	-0.19010.350	-0.24310.360	-0.29710.370	-0.35010.380	-0.40310.390	-0.456
131	10.400	-0.50910.410	-0.46910.420	-0.42810.430	-0.38710.440	-0.34710.450	-0.30710.460	-0.26610.470	-0.226
132	10.480	-0.18510.490	-0.14510.500	-0.10410.510	-0.06410.520	-0.02310.530	0.01710.540	0.05810.550	0.098
133	10.560	0.13910.570	0.17910.580	0.22010.590	0.26010.600	0.30110.610	0.34110.620	0.38210.630	0.422
134	10.640	0.46310.650	0.50310.660	0.54410.670	0.58410.680	0.62510.690	0.66510.700	0.70610.710	0.746
135	10.720	0.76610.730	0.82710.740	0.88810.750	0.94910.760	1.01010.770	1.07110.780	1.13210.790	1.193
136	10.800	0.63810.810	0.61110.820	0.58410.830	0.55710.840	0.53010.850	0.50310.860	0.47610.870	0.449
137	10.880	0.42210.890	0.39410.900	0.36710.910	0.34010.920	0.31310.930	0.28610.940	0.25910.950	0.232
138	10.960	0.20510.970	0.17810.980	0.15110.990	0.12411.000	0.09711.010	0.07011.020	0.04311.030	0.017
139	11.040	0.05211.050	0.05611.060	0.06111.070	0.06511.080	0.06911.090	0.07411.100	0.07811.110	0.083
140	11.120	0.08711.130	0.09111.140	0.09611.150	0.10011.160	0.10511.170	0.10911.180	0.11311.190	0.118
141	11.200	0.12211.210	0.12711.220	0.13111.230	0.13511.240	0.14011.250	0.14411.260	0.14911.270	0.153
142	11.280	0.15711.290	0.16211.300	0.16611.310	0.17111.320	0.17511.330	0.17911.340	0.18411.350	0.188
143	11.360	0.19311.370	0.19711.380	0.20111.390	0.20611.400	0.21011.410	0.21511.420	0.21911.430	0.223
144	11.440	0.22811.450	0.23211.460	0.23711.470	0.24111.480	0.24611.490	0.25011.500	0.25511.510	0.259
145	11.520	0.27811.530	0.28511.540	0.29311.550	0.30111.560	0.30911.570	0.31711.580	0.32511.590	0.333
146	11.600	0.33711.610	0.34411.620	0.35211.630	0.35911.640	0.36711.650	0.37411.660	0.38111.670	0.389
147	11.680	0.39611.690	0.40411.700	0.41111.710	0.41811.720	0.42611.730	0.43311.740	0.44011.750	0.448
148	11.760	0.45511.770	0.46311.780	0.47011.790	0.47711.800	0.48511.810	0.49211.820	0.49911.830	0.507
149	11.840	0.51411.850	0.52211.860	0.52911.870	0.53611.880	0.54411.890	0.55111.900	0.55911.910	0.566
150	11.920	0.59811.930	0.60611.940	0.61311.950	0.62111.960	0.62811.970	0.63611.980	0.64311.990	0.651
151	12.000	-0.94412.010	-1.11112.020	-1.27912.030	-1.44712.040	-1.61512.050	-1.78312.060	-1.95112.070	-2.119
152	12.080	-1.28812.090	-1.25712.100	-1.22512.110	-1.19312.120	-1.16112.130	-1.13012.140	-1.09812.150	-1.066
153	12.160	-1.03412.170	-1.00312.180	-0.97112.190	-0.93912.200	-0.90812.210	-0.87612.220	-0.84412.230	-0.812
154	12.240	-0.78012.250	-0.74912.260	-0.71712.270	-0.68512.280	-0.65412.290	-0.62212.300	-0.59012.310	-0.558
155	12.320	-0.52712.330	-0.49512.340	-0.46312.350	-0.43112.360	-0.40012.370	-0.36812.380	-0.33612.390	-0.304
156	12.400	-0.27112.410	-0.24112.420	-0.20912.430	-0.17812.440	-0.14612.450	-0.11412.460	-0.08212.470	-0.051
157	12.480	-0.01912.490	0.01312.500	0.04512.510	0.07612.520	0.10812.530	0.14012.540	0.17212.550	0.203
158	12.560	0.23512.570	0.26712.580	0.29912.590	0.33012.600	0.36212.610	0.39312.620	0.42412.630	0.455
159	12.640	0.48612.650	0.51712.660	0.54912.670	0.58012.680	0.61112.690	0.64212.700	0.67312.710	0.704
160	12.720	0.73512.730	0.76612.740	0.79712.750	0.82812.760	0.86012.770	0.89112.780	0.92212.790	0.953
161	12.800	0.98412.810	1.01512.820	1.04612.830	1.07712.840	1.10812.850	1.13912.860	1.17012.870	1.202
162	12.880	1.23312.890	1.26412.900	1.29512.910	1.32612.920	1.35712.930	1.38812.940	1.41912.950	1.450
163	12.960	0.87412.970	0.78312.980	0.69312.990	0.60313.000	0.51213.010	0.42213.020	0.33113.030	0.241
164	13.040	0.15013.050	0.06013.060	0.06213.070	0.06313.080	0.06513.090	0.06613.100	0.06813.110	0.069
165	13.120	0.07113.130	0.07213.140	0.07413.150	0.07513.160	0.07713.170	0.07813.180	0.08013.190	0.081
166	13.200	0.08313.210	0.08513.220	0.08613.230	0.08813.240	0.08913.250	0.09113.260	0.09213.270	0.094
167	13.280	0.09513.290	0.09713.300	0.09813.310	0.10013.320	0.10113.330	0.10313.340	0.10413.350	0.106
168	13.360	0.10813.370	0.10913.380	0.11113.390	0.11213.400	0.11413.410	0.11513.420	0.11713.430	0.118
169	13.440	0.12013.450	0.12113.460	0.12313.470	0.12413.480	0.12613.490	0.12713.500	0.12913.510	0.131
170	13.520	0.13213.530	0.13313.540	0.13513.550	0.13613.560	0.13813.570	0.13913.580	0.14113.590	0.143
171	13.600	0.02113.610	0.00713.620	-0.00613.630	-0.02013.640	-0.03413.650	-0.04813.660	-0.06213.670	-0.076
172	13.680	-0.09013.690	-0.10313.700	-0.11713.710	-0.13113.720	-0.14513.730	-0.15913.740	-0.17313.750	-0.187
173	13.760	-0.20013.770	-0.21413.780	-0.22813.790	-0.24213.800	-0.25613.810	-0.27013.820	-0.28413.830	-0.298
174	13.840	-0.31113.850	-0.32513.860	-0.33913.870	-0.35313.880	-0.36713.890	-0.38113.900	-0.39513.910	-0.409
175	13.920	-0.42213.930	-0.43613.940	-0.45013.950	-0.46413.960	-0.47813.970	-0.49213.980	-0.50613.990	-0.520
176	14.000	-0.53314.010	-0.54714.020	-0.56014.030	-0.57414.040	-0.58814.050	-0.60214.060	-0.61614.070	-0.630
177	14.080	-0.64314.090	-0.65714.100	-0.67114.110	-0.68514.120	-0.69914.130	-0.71314.140	-0.72714.150	-0.741

Digitized Accelerogram of Earthquake Record with Index Number E-14 (3-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	2.274	0.01	5.196	0.02	5.242	0.03	2.959	0.04	0.048	0.05	0.994	0.06	3.176	0.07	5.289
2	0.08	5.543	0.09	4.135	0.10	2.732	0.11	2.459	0.12	2.604	0.13	1.437	0.14	-1.773	0.15	-5.683
3	0.16	-7.095	0.17	-7.073	0.18	-4.093	0.19	-1.232	0.20	-0.252	0.21	-1.162	0.22	-2.591	0.23	-3.163
4	0.24	-2.560	0.25	-1.513	0.26	-0.973	0.27	-1.302	0.28	-2.046	0.29	-2.327	0.30	-1.485	0.31	0.434
5	0.32	2.620	0.33	3.941	0.34	3.651	0.35	1.908	0.36	-0.301	0.37	-1.810	0.38	-2.040	0.39	-1.290
6	0.40	-0.370	0.41	0.068	0.42	-0.048	0.43	-0.331	0.44	-0.354	0.45	-0.200	0.46	-0.019	0.47	-0.089
7	0.48	-0.340	0.49	-0.458	0.50	-0.217	0.51	0.220	0.52	0.374	0.53	-0.129	0.54	-1.141	0.55	-1.980
8	0.56	-1.909	0.57	-0.725	0.58	1.024	0.59	2.405	0.60	2.741	0.61	2.008	0.62	0.732	0.63	0.445
9	0.64	-1.137	0.65	-1.299	0.66	-1.091	0.67	-0.729	0.68	-0.417	0.69	-0.294	0.70	-0.387	0.71	-0.368
10	0.72	-0.667	0.73	-0.616	0.74	-0.517	0.75	-0.522	0.76	-0.679	0.77	-0.659	0.78	-0.858	0.79	-0.542
11	0.80	0.090	0.81	0.945	0.82	1.869	0.83	2.634	0.84	2.955	0.85	2.617	0.86	1.654	0.87	0.454
12	0.88	-0.512	0.89	-0.895	0.90	-0.709	0.91	-0.253	0.92	0.125	0.93	0.251	0.94	0.144	0.95	-0.080
13	0.96	-0.309	0.97	-0.482	0.98	-0.590	0.99	-0.673	1.00	-0.807	1.01	-1.038	1.02	-1.303	1.03	-1.433
14	1.04	-1.260	1.05	-0.778	1.06	-0.178	1.07	0.283	1.08	0.483	1.09	0.528	1.10	0.626	1.11	0.877
15	1.12	1.172	1.13	1.302	1.14	1.170	1.15	0.895	1.16	0.700	1.17	0.711	1.18	0.661	1.19	0.981
16	1.20	0.979	1.21	0.914	1.22	0.896	1.23	0.959	1.24	1.028	1.25	1.018	1.26	0.946	1.27	0.917
17	1.28	1.066	1.29	1.161	1.30	1.220	1.31	1.029	1.32	0.572	1.33	0.604	1.34	-0.624	1.35	-0.517
18	1.36	-0.254	1.37	-0.159	1.38	-0.425	1.39	0.376	1.40	0.114	1.41	-0.070	1.42	0.024	1.43	0.300
19	1.44	0.428	1.45	0.155	1.46	-0.455	1.47	-1.060	1.48	-1.324	1.49	-1.134	1.50	-0.581	1.51	0.183
20	1.52	1.008	1.53	1.664	1.54	1.815	1.55	1.213	1.56	-0.010	1.57	-1.281	1.58	-1.070	1.59	-1.327
21	1.60	0.268	1.61	2.394	1.62	4.354	1.63	5.552	1.64	5.705	1.65	5.007	1.66	4.082	1.67	3.622
22	1.68	3.049	1.69	4.313	1.70	4.347	1.71	3.823	1.72	3.387	1.73	3.732	1.74	4.546	1.75	4.346
23	1.76	1.673	1.77	-3.309	1.78	-0.440	1.79	-11.013	1.80	-9.905	1.81	-6.442	1.82	-3.227	1.83	-2.024
24	1.84	-2.640	1.85	-3.606	1.86	-3.754	1.87	-3.115	1.88	-2.486	1.89	-2.412	1.90	-2.730	1.91	-2.952
25	1.92	-2.851	1.93	-2.504	1.94	-2.350	1.95	-2.163	1.96	-1.998	1.97	-2.018	1.98	-2.655	1.99	-3.195
26	2.00	-3.624	2.01	-3.053	2.02	-1.511	2.03	0.537	2.04	1.732	2.05	1.673	2.06	0.777	2.07	-0.048
27	2.08	-0.290	2.09	-0.019	2.10	0.234	2.11	0.180	2.12	0.015	2.13	0.120	2.14	0.570	2.15	0.980
28	2.16	0.859	2.17	0.122	2.18	-0.741	2.19	-1.018	2.20	-0.352	2.21	0.947	2.22	2.123	2.23	2.544
29	2.24	2.152	2.25	1.461	2.26	1.112	2.27	1.391	2.28	2.069	2.29	2.679	2.30	2.930	2.31	2.918
30	2.32	2.965	2.33	3.266	2.34	3.801	2.35	4.226	2.36	4.319	2.37	4.019	2.38	3.800	2.39	2.549
31	2.40	1.541	2.41	0.502	2.42	-0.369	2.43	-0.893	2.44	-1.039	2.45	-0.941	2.46	-0.781	2.47	-0.674
32	2.48	-0.667	2.49	-0.795	2.50	-1.102	2.51	-1.634	2.52	-2.531	2.53	-4.202	2.54	-7.261	2.55	-11.957
33	2.56	-17.320	2.57	-20.882	2.58	-19.725	2.59	-12.544	2.60	-1.233	2.61	9.551	2.62	14.976	2.63	13.065
34	2.64	5.883	2.65	-2.084	2.66	-0.957	2.67	-7.899	2.68	-6.729	2.69	-5.935	2.70	-6.598	2.71	-7.948
35	2.72	8.534	2.73	-7.664	2.74	-5.669	2.75	-4.229	2.76	-3.419	2.77	-3.387	2.78	-2.732	2.79	-4.185
36	2.80	-4.635	2.81	-4.809	2.82	-4.175	2.83	-2.54	2.84	0.333	2.85	2.645	2.86	4.134	2.87	3.974
37	2.88	3.119	2.89	2.564	2.90	2.637	2.91	2.795	2.92	2.295	2.93	1.030	2.94	-0.318	2.95	-0.875
38	2.96	-0.300	2.97	1.061	2.98	2.563	2.99	3.717	3.00	4.322	3.01	4.390	3.02	4.128	3.03	3.928
39	3.04	4.159	3.05	4.797	3.06	5.330	3.07	5.224	3.08	4.554	3.09	4.024	3.10	4.179	3.11	4.617
40	3.12	4.255	3.13	2.612	3.14	0.609	3.15	0.985	3.16	4.383	3.17	9.891	3.18	14.594	3.19	15.953
41	3.20	13.654	3.21	9.483	3.22	5.591	3.23	2.947	3.24	1.315	3.25	0.314	3.26	0.107	3.27	3.965
42	3.28	2.420	3.29	3.247	3.30	2.484	3.31	0.439	3.32	-1.422	3.33	-1.708	3.34	-0.279	3.35	1.680
43	3.36	2.653	3.37	1.895	3.38	-0.221	3.39	-2.681	3.40	-4.547	3.41	-5.395	3.42	-5.349	3.43	-4.882
44	3.44	-4.529	3.45	-4.597	3.46	-4.970	3.47	-5.162	3.48	-6.045	3.49	-5.241	3.50	-1.297	3.51	0.507
45	3.52	1.548	3.53	1.590	3.54	0.867	3.55	-0.002	3.56	-0.748	3.57	-0.824	3.58	-0.627	3.59	0.705
46	3.60	0.311	3.61	0.162	3.62	-0.175	3.63	-0.379	3.64	-0.277	3.65	0.003	3.66	0.133	3.67	-0.161
47	3.68	-1.008	3.69	-2.185	3.70	-3.456	3.71	-4.609	3.72	-5.524	3.73	-6.112	3.74	-6.272	3.75	-5.927
48	3.76	-5.116	3.77	-4.030	3.78	-2.894	3.79	-1.770	3.80	-0.484	3.81	1.179	3.82	3.153	3.83	4.938
49	3.84	5.858	3.85	5.575	3.86	4.411	3.87	3.159	3.88	2.514	3.89	2.608	3.90	3.054	3.91	3.380
50	3.92	3.415	3.93	3.295	3.94	3.206	3.95	3.218	3.96	3.360	3.97	3.733	3.98	4.401	3.99	5.125
51	4.00	5.332	4.01	4.509	4.02	2.762	4.03	0.929	4.04	0.025	4.05	0.437	4.06	1.608	4.07	2.518
52	4.08	2.513	4.09	1.719	4.10	0.727	4.11	-0.050	4.12	-0.690	4.13	-1.451	4.14	-2.396	4.15	-3.186
53	4.16	-3.346	4.17	-2.849	4.18	-2.005	4.19	-1.284	4.20	-0.994	4.21	-1.169	4.22	-1.636	4.23	-2.085
54	4.24	-2.112	4.25	-1.361	4.26	0.187	4.27	2.033	4.28	3.352	4.29	4.552	4.30	4.321	4.31	4.161
55	4.32	0.989	4.33	1.125	4.34	1.664	4.35	2.305	4.36	3.164	4.37	1.669	4.38	1.771	4.39	1.875
56	4.40	2.044	4.41	2.119	4.42	2.102	4.43	2.107	4.44	2.186	4.45	2.264	4.46	2.254	4.47	2.200
57	4.48	2.246	4.49	2.463	4.50	2.717	4.51	2.714	4.52	2.202	4.53	1.120	4.54	-0.382	4.55	-2.002
58	4.56	-3.341	4.57	-3.941	4.58	-3.441	4.59	-1.832	4.60	0.362	4.61	2.219	4.62	2.904	4.63	2.198
59	4.64	0.644	4.65	-0.839	4.66	-1.599	4.67	-1.642	4.68	-1.477	4.69	-1.604	4.70	-2.095	4.71	-2.612
60	4.72	-2.773	4.73	-2.500	4.74	-2.050	4.75	-1.758	4.76	-1.766	4.77	-1.963	4.78	-2.139	4.79	-2.174
61	4.80	-2.099	4.81	-2.016	4.82	-1.999	4.83	-2.049	4.84	-2.116	4.85	-2.150	4.86	-2.134	4.87	-2.092
62	4.88	-2.067	4.89	-2.083	4.90	-2.150	4.91	-2.210	4.92	-2.209	4.93	-2.087	4.94	-1.804	4.95	-1.360
63	4.96	-0.833	4.97	-0.405	4.98	-0.287	4.99	-0.589	5.00	-1.212	5.01	-1.891	5.02	-2.370	5.03	-2.624
64	5.04	-2.765	5.05	-2.908	5.06	-3.166	5.07	-3.456	5.08	-3.814	5.09	-4.083	5.10	-4.262	5.11	-4.288
65	5.12	-2.768	5.13	-2.852	5.14	-2.789	5.15	-2.689	5.16	-2.737	5.17	-2.943	5.18	-3.057	5.19	-2.736
66	5.20	-1.648	5.21	-0.633	5.22	0.439	5.23	0.983	5.24	0.957	5.25	0.648	5.26	0.428	5.27	0.493
67	5.28	0.779	5.29	1.090	5.30	1.307	5.31	1.463	5.32	1.659	5.33	1.902	5.34	2.073	5.35	2.052
68	5.36	1.690	5.37	1.815	5.38	2.029	5.39	2.457	5.40	2.706	5.41	2.316	5.42	1.137	5.43	-0.494
69	5.44	-1.934	5.45	-2.651	5.46	-2.558	5.47	-2.020	5.48	-1.558	5.49	-1.499	5.50	-1.821	5.51	-2.264
70	5.52	-2.573	5.53	-2.681	5.54	-2.705	5.55	-2.815	5.56	-3.080	5.57	-3.409	5.58	-3.625	5.59	-3.595
71	5.60	-3.329	5.61	-2.980	5.62	-2.729	5.63	-2.664	5.64	-2.728	5.65	-2.789	5.66	-2.755	5.67	-2.637
72	5.68	-2.517	5.69	-2.455	5.70	-2.439	5.71	-2.415	5.72	-2.352	5.73	-2.276	5.74	-2.204	5.75	-2.158
73	5.76	-2.109	5.77	-2.043	5.78	-1.976	5.79	-1.925	5.80	-1.894	5.81	-1.840	5.82	-1.758	5.83	-1.673
74	5.84	-1.628	5.85	-1.613	5.86	-1.578	5.87	-1.477	5.88	-1.324	5.89	-1.163	5.90	-1.024	5.91	-0.903
75	5.92	-0.799	5.93													

127	10.08	0.410	10.09	0.496	10.10	0.579	10.11	0.708	10.12	0.677	10.13	0.999	10.14	0.978	10.15	0.880
128	10.16	0.555	10.17	0.370	10.18	0.307	10.19	0.329	10.20	0.349	10.21	0.311	10.22	0.227	10.23	0.139
129	10.24	0.079	10.25	0.042	10.26	0.008	10.27	-0.039	10.28	-0.099	10.29	-0.165	10.30	-0.229	10.31	-0.282
130	10.32	-0.320	10.33	-0.352	10.34	-0.401	10.35	-0.403	10.36	-0.579	10.37	-0.639	10.38	-0.613	10.39	-0.495
131	10.40	-0.343	10.41	-0.225	10.42	-0.178	10.43	-0.182	10.44	-0.186	10.45	-0.155	10.46	-0.095	10.47	-0.033
132	10.48	0.011	10.49	0.039	10.50	0.068	10.51	0.109	10.52	0.158	10.53	0.203	10.54	0.241	10.55	0.277
133	10.56	0.316	10.57	0.360	10.58	0.404	10.59	0.442	10.60	0.478	10.61	0.516	10.62	0.561	10.63	0.610
134	10.64	0.653	10.65	0.684	10.66	0.709	10.67	0.747	10.68	0.807	10.69	0.878	10.70	0.923	10.71	0.966
135	10.72	0.825	10.73	0.716	10.74	0.635	10.75	0.602	10.76	0.607	10.77	0.612	10.78	0.592	10.79	0.551
136	10.80	0.508	10.81	0.479	10.82	0.461	10.83	0.442	10.84	0.445	10.85	0.383	10.86	0.351	10.87	0.325
137	10.88	0.301	10.89	0.276	10.90	0.250	10.91	0.221	10.92	0.190	10.93	0.161	10.94	0.137	10.95	0.117
138	10.96	0.093	10.97	0.058	10.98	0.016	10.99	-0.014	11.00	-0.015	11.01	0.015	11.02	0.058	11.03	0.089
139	11.04	0.095	11.05	0.084	11.06	0.074	11.07	0.075	11.08	0.086	11.09	0.097	11.10	0.103	11.11	0.104
140	11.12	0.105	11.13	0.108	11.14	0.115	11.15	0.121	11.16	0.126	11.17	0.129	11.18	0.133	11.19	0.137
141	11.20	0.141	11.21	0.146	11.22	0.151	11.23	0.156	11.24	0.160	11.25	0.164	11.26	0.168	11.27	0.172
142	11.28	0.177	11.29	0.181	11.30	0.186	11.31	0.191	11.32	0.195	11.33	0.198	11.34	0.203	11.35	0.208
143	11.36	0.213	11.37	0.217	11.38	0.221	11.39	0.224	11.40	0.230	11.41	0.235	11.42	0.239	11.43	0.242
144	11.44	0.245	11.45	0.252	11.46	0.263	11.47	0.274	11.48	0.283	11.49	0.290	11.50	0.297	11.51	0.304
145	11.52	0.310	11.53	0.317	11.54	0.324	11.55	0.333	11.56	0.343	11.57	0.349	11.58	0.354	11.59	0.360
146	11.60	0.369	11.61	0.379	11.62	0.388	11.63	0.393	11.64	0.397	11.65	0.405	11.66	0.413	11.67	0.423
147	11.68	0.429	11.69	0.435	11.70	0.445	11.71	0.454	11.72	0.459	11.73	0.461	11.74	0.468	11.75	0.483
148	11.76	0.499	11.77	0.503	11.78	0.495	11.79	0.491	11.80	0.510	11.81	0.543	11.82	0.562	11.83	0.545
149	11.84	0.510	11.85	0.508	11.86	0.568	11.87	0.652	11.88	0.666	11.89	0.527	11.90	0.233	11.91	-0.134
150	11.92	-0.458	11.93	-0.667	11.94	-0.765	11.95	-0.824	11.96	-0.923	11.97	-1.113	11.98	-1.382	11.99	-1.651
151	12.00	-1.811	12.01	-1.787	12.02	-1.593	12.03	-1.336	12.04	-1.150	12.05	-1.102	12.06	-1.156	12.07	-1.214
152	12.08	-0.881	12.09	-0.852	12.10	-0.831	12.11	-0.805	12.12	-0.769	12.13	-0.732	12.14	-0.670	12.15	-0.626
153	12.16	-0.640	12.17	-0.607	12.18	-0.574	12.19	-0.544	12.20	-0.515	12.21	-0.482	12.22	-0.447	12.23	-0.414
154	12.24	-0.384	12.25	-0.356	12.26	-0.325	12.27	-0.290	12.28	-0.256	12.29	-0.224	12.30	-0.195	12.31	-0.165
155	12.32	-0.133	12.33	-0.099	12.34	-0.066	12.35	-0.036	12.36	-0.005	12.37	0.027	12.38	0.060	12.39	0.091
156	12.40	0.122	12.41	0.154	12.42	0.186	12.43	0.219	12.44	0.250	12.45	0.280	12.46	0.311	12.47	0.345
157	12.48	0.378	12.49	0.410	12.50	0.440	12.51	0.469	12.52	0.500	12.53	0.532	12.54	0.564	12.55	0.594
158	12.56	0.624	12.57	0.655	12.58	0.687	12.59	0.720	12.60	0.750	12.61	0.780	12.62	0.811	12.63	0.843
159	12.64	0.874	12.65	0.904	12.66	0.934	12.67	0.968	12.68	1.003	12.69	1.033	12.70	1.056	12.71	1.081
160	12.72	1.110	12.73	1.165	12.74	1.204	12.75	1.220	12.76	1.221	12.77	1.244	12.78	1.312	12.79	1.401
161	12.80	1.441	12.81	1.385	12.82	1.174	12.83	0.941	12.84	0.757	12.85	0.661	12.86	0.621	12.87	0.575
162	12.88	0.494	12.89	0.391	12.90	0.295	12.91	0.205	13.00	0.102	13.01	-0.017	13.02	-0.113	13.03	-0.134
163	12.94	-0.065	13.05	0.047	13.06	0.129	13.07	0.140	13.08	0.097	13.09	0.054	13.10	0.046	13.11	0.067
164	13.12	0.090	13.13	0.093	13.14	0.082	13.15	0.075	13.16	0.078	13.17	0.086	13.18	0.091	13.19	0.090
165	13.20	0.088	13.21	0.090	13.22	0.093	13.23	0.095	13.24	0.096	13.25	0.097	13.26	0.099	13.27	0.101
166	13.28	0.102	13.29	0.103	13.30	0.104	13.31	0.107	13.32	0.110	13.33	0.110	13.34	0.110	13.35	0.111
167	13.36	0.114	13.37	0.118	13.38	0.119	13.39	0.118	13.40	0.118	13.41	0.120	13.42	0.125	13.43	0.129
168	13.44	0.120	13.45	0.125	13.46	0.125	13.47	0.131	13.48	0.140	13.49	0.142	13.50	0.132	13.51	0.106
169	13.52	0.074	13.53	0.046	13.54	0.029	13.55	0.022	13.56	0.018	13.57	0.008	13.58	-0.009	13.59	-0.029
170	13.60	-0.046	13.61	-0.057	13.62	-0.067	13.63	-0.079	13.64	-0.094	13.65	-0.110	13.66	-0.125	13.67	-0.139
171	13.68	-0.153	13.69	-0.166	13.70	-0.178	13.71	-0.190	13.72	-0.204	13.73	-0.221	13.74	-0.239	13.75	-0.253
172	13.76	-0.261	13.77	-0.269	13.78	-0.284	13.79	-0.304	13.80	-0.325	13.81	-0.338	13.82	-0.345	13.83	-0.352
173	13.84	-0.366	13.85	-0.386	13.86	-0.405	13.87	-0.420	13.88	-0.433	13.89	-0.444	13.90	-0.451	13.91	-0.458
174	13.92	-0.473	13.93	-0.502	13.94	-0.535	13.95	-0.550	13.96	-0.533	13.97	-0.508	13.98	-0.523	13.99	-0.596
175	14.00	-0.675	14.01	-0.678	14.02	-0.584	14.03	-0.489	14.04	-0.540	14.05	-0.771	14.06	-0.990	14.07	-0.885
176	14.08	-0.280	14.09	0.642	14.10	1.401	14.11	1.539	14.12	0.974	14.13	0.073	14.14	-0.617	14.15	-0.754

Digitized Accelerogram of Earthquake Record with Index Number E-15 (4-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	7.170	0.01	5.460	0.02	-4.600	0.03	-0.220	0.04	-0.420	0.05	-5.630	0.06	-3.140	0.07	-1.920
2	0.08	-0.970	0.09	1.260	0.10	-0.800	0.11	-2.970	0.12	-2.630	0.13	-3.170	0.14	0.860	0.15	-13.950
3	0.16	17.630	0.17	14.530	0.18	0.800	0.19	7.170	0.20	10.580	0.21	9.000	0.22	10.250	0.23	0.610
4	0.24	9.070	0.25	15.460	0.26	12.090	0.27	7.690	0.28	1.300	0.29	-6.120	0.30	-5.660	0.31	-0.730
5	0.32	-5.430	0.33	-9.260	0.34	-7.660	0.35	-2.990	0.36	-3.590	0.37	-4.980	0.38	-0.970	0.39	-2.690
6	0.40	-3.730	0.41	-4.580	0.42	-4.780	0.43	-0.830	0.44	-4.410	0.45	-4.880	0.46	-0.710	0.47	-5.810
7	0.48	-7.930	0.49	-3.720	0.50	-1.720	0.51	-2.320	0.52	-3.590	0.53	-2.600	0.54	-3.310	0.55	-1.430
8	0.56	-2.760	0.57	-7.280	0.58	-4.440	0.59	-2.350	0.60	1.000	0.61	-2.680	0.62	-7.510	0.63	-11.370
9	0.64	-4.000	0.65	-0.950	0.66	1.620	0.67	2.620	0.68	0.060	0.69	5.030	0.70	0.460	0.71	2.360
10	0.72	-1.120	0.73	0.650	0.74	2.130	0.75	2.910	0.76	1.360	0.77	1.040	0.78	-0.270	0.79	-0.040
11	0.80	-2.840	0.81	3.150	0.82	7.100	0.83	12.480	0.84	14.940	0.85	11.430	0.86	7.950	0.87	5.080
12	0.88	1.650	0.89	3.530	0.90	2.600	0.91	-0.110	0.92	-0.960	0.93	0.470	0.94	3.400	0.95	10.460
13	0.96	11.600	0.97	11.330	0.98	9.830	0.99	0.940	1.00	5.290	1.01	2.640	1.02	-0.950	1.03	-12.030
14	1.04	-13.050	1.05	-10.750	1.06	-20.160	1.07	-21.760	1.08	-23.140	1.09	-24.100	1.10	-17.250	1.11	-12.020
15	1.12	-4.110	1.13	2.770	1.14	8.730	1.15	11.400	1.16	16.650	1.17	13.430	1.18	10.640	1.19	13.940
16	1.20	-17.770	1.21	15.630	1.22	10.600	1.23	10.600	1.24	7.230	1.25	2.430	1.26	-4.430	1.27	-4.850
17	1.28	-2.720	1.29	-3.100	1.30	-4.000	1.31	-4.700	1.32	-2.250	1.33	-2.970	1.34	-3.090	1.35	-8.970
18	1.36	-14.340	1.37	-13.460	1.38	-15.730	1.39	-15.320	1.40	-11.300	1.41	-6.290	1.42	-2.050	1.43	2.980
19	1.44	1.390	1.45	2.350	1.46	2.760	1.47	-1.000	1.48	-5.130	1.49	-1.070	1.50	2.370	1.51	7.470
20	1.52	10.270	1.53	6.420	1.54	2.460	1.55	2.380	1.56	3.480	1.57	1.370	1.58	1.060	1.59	2.310
21	1.60	4.350	1.61	5.170	1.62	5.580	1.63	3.920	1.64	6.650	1.65	8.300	1.66	14.180	1.67	6.290
22	1.68	-0.120	1.69	-3.260	1.70	-2.720	1.71	-1.900	1.72	-1.920	1.73	-0.360	1.74	-2.220	1.75	-4.790
23	1.76	-7.510	1.77	-13.310	1.78	-19.120	1.79	-19.600	1.80	-14.550	1.81	-10.910	1.82	-8.000	1.83	-4.500
24	1.84	-3.660	1.85	-0.990	1.86	2.640	1.87	5.150	1.88	9.710	1.89	12.520	1.90	11.590	1.91	0.000
25	1.92	0.400	1.93	11.120	1.94	11.730	1.95	14.150	1.96	14.980	1.97	14.460	1.98	10.730	1.99	7.550
26	2.00	-1.710	2.01	-7.930	2.02	-10.900	2.03	-7.500	2.04	-0.050	2.05	-10.120	2.06	-9.780	2.07	-7.630
27	2.08	-7.180	2.09	-6.600	2.10	-7.170	2.11	-7.910	2.12	-7.660	2.13	-9.460	2.14	-7.960	2.15	0.210
28	2.16	9.590	2.17	11.840	2.18	11.310	2.19	11.470	2.20	9.150	2.21	5.840	2.22	6.010	2.23	5.450
29	2.24	7.830	2.25	10.710	2.26	9.340	2.27	0.710	2.28	-4.670	2.29	-5.460	2.30	-8.780	2.31	-7.610
30	2.32	-2.330	2.33	1.950	2.34	2.480	2.35	1.630	2.36	1.850	2.37	-0.500	2.38	-0.560	2.39	-10.140
31	2.40	-0.290	2.41	-9.480	2.42	-9.970	2.43	-9.140	2.44	-5.080	2.45	-6.220	2.46	-9.360	2.47	-7.040
32	2.48	-5.410	2.49	-7.800	2.50	-13.190	2.51	-17.730	2.52	-17.110	2.53	-11.170	2.54	-2.340	2.55	-1.210
33	2.56	-3.070	2.57	-4.120	2.58	-0.320	2.59	3.770	2.60	5.200	2.61	8.170	2.62	9.030	2.63	12.810
34	2.64	16.970	2.65	20.360	2.66	17.000	2.67	13.220	2.68	11.710	2.69	6.250	2.70	9.480	2.71	7.550
35	2.72	5.510	2.73	3.060	2.74	1.940	2.75	4.180	2.76	4.520	2.77	8.530	2.78	8.390	2.79	7.160
36	2.80	6.880	2.81	5.050	2.82	1.260	2.83	-4.050	2.84	-0.640	2.85	-5.660	2.86	-5.080	2.87	-5.980
37	2.88	-6.120	2.89	-4.040	2.90	-6.530	2.91	-0.950	2.92	-10.190	2.93	-8.420	2.94	-9.670	2.95	-12.480
38	2.96	-14.630	2.97	-11.450	2.98	-6.540	2.99	-4.160	3.00	-0.930	3.01	-3.270	3.02	-2.370	3.03	-4.670
39	3.04	-9.660	3.05	-12.650	3.06	-14.600	3.07	-14.710	3.08	-14.280	3.09	-13.910	3.10	-3.130	3.11	2.140
40	3.12	2.730	3.13	-1.770	3.14	-5.730	3.15	-4.240	3.16	3.190	3.17	5.110	3.18	6.290	3.19	4.740
41	3.16	3.070	3.17	2.270	3.18	-8.480	3.19	-13.100	3.20	-14.000	3.21	-7.230	3.22	0.210	3.23	9.920
42	3.24	15.270	3.25	15.650	3.26	8.290	3.27	6.790	3.28	1.790	3.29	-1.150	3.30	0.150	3.31	6.080
43	3.36	16.810	3.37	21.470	3.38	23.660	3.39	25.070	3.40	25.070	3.41	26.190	3.42	26.190	3.43	12.620
44	3.44	4.030	3.45	-0.530	3.46	0.010	3.47	1.590	3.48	3.400	3.49	5.930	3.50	5.590	3.51	4.520
45	3.52	-3.940	3.53	-17.930	3.54	-23.640	3.55	-23.920	3.56	-16.780	3.57	-4.020	3.58	-0.460	3.59	-0.810
46	3.60	-10.350	3.61	-18.780	3.62	-21.510	3.63	-18.770	3.64	-12.410	3.65	-8.740	3.66	-5.220	3.67	-1.560
47	3.68	-5.710	3.69	-17.930	3.70	-21.020	3.71	-25.520	3.72	-29.670	3.73	-22.590	3.74	-14.210	3.75	-15.840
48	3.76	-12.440	3.77	-13.140	3.78	-1.840	3.79	9.410	3.80	14.260	3.81	20.750	3.82	17.340	3.83	6.230
49	3.84	5.450	3.85	5.030	3.86	-0.910	3.87	-1.390	3.88	-3.220	3.89	-10.590	3.90	-15.060	3.91	-15.790
50	3.92	5.430	3.93	0.090	3.94	2.940	3.95	2.570	3.96	0.260	3.97	-16.190	3.98	-29.480	3.99	-33.590
51	4.00	-30.410	4.01	-20.640	4.02	-9.380	4.03	0.080	4.04	0.450	4.05	-1.210	4.06	-2.660	4.07	-1.590
52	4.08	-4.280	4.09	4.170	4.10	12.130	4.11	18.580	4.12	15.190	4.13	10.460	4.14	-0.380	4.15	-7.710
53	4.16	-4.270	4.17	3.700	4.18	17.500	4.19	27.010	4.20	25.200	4.21	10.930	4.22	4.990	4.23	-1.610
54	4.24	-6.970	4.25	-5.740	4.26	1.900	4.27	4.050	4.28	7.580	4.29	8.770	4.30	8.530	4.31	10.420
55	4.32	7.840	4.33	3.380	4.34	-0.320	4.35	-4.550	4.36	-1.950	4.37	3.170	4.38	9.110	4.39	11.310
56	4.40	14.460	4.41	18.090	4.42	15.990	4.43	6.560	4.44	-6.480	4.45	-26.160	4.46	-36.820	4.47	-29.170
57	4.48	-11.920	4.49	-1.030	4.50	-3.970	4.51	-3.630	4.52	2.620	4.53	1.920	4.54	-6.770	4.55	-13.410
58	4.56	-9.190	4.57	-15.220	4.58	-19.240	4.59	-9.090	4.60	-8.450	4.61	-13.980	4.62	-20.670	4.63	-20.390
59	4.64	-2.600	4.65	6.540	4.66	5.310	4.67	2.710	4.68	-0.900	4.69	-1.770	4.70	-1.200	4.71	3.210
60	4.72	-6.880	4.73	-10.590	4.74	-11.510	4.75	-8.370	4.76	-5.690	4.77	-12.990	4.78	-19.900	4.79	-20.330
61	4.80	-14.390	4.81	-4.450	4.82	4.830	4.83	13.920	4.84	19.100	4.85	22.130	4.86	17.840	4.87	5.470
62	4.88	-5.740	4.89	-16.290	4.90	-21.010	4.91	-20.610	4.92	-2.940	4.93	-5.910	4.94	-1.430	4.95	16.400
63	4.96	34.620	4.97	32.310	4.98	23.080	4.99	13.540	5.00	9.020	5.01	2.150	5.02	-5.460	5.03	-8.000
64	5.04	0.030	5.05	4.840	5.06	4.390	5.07	8.020	5.08	9.050	5.09	-3.950	5.10	-12.200	5.11	-13.180
65	5.12	-0.550	5.13	-7.910	5.14	-20.800	5.15	-14.070	5.16	-13.080	5.17	-15.130	5.18	-12.100	5.19	-12.060
66	5.20	-1.230	5.21	9.330	5.22	18.140	5.23	29.420	5.24	39.450	5.25	41.110	5.26	46.060	5.27	50.790
67	5.28	49.680	5.29	37.640	5.30	18.080	5.31	2.180	5.32	-9.210	5.33	-29.210	5.34	-33.400	5.35	-29.220
68	5.36	-22.030	5.37	-13.230	5.38	-9.960	5.39	-4.110	5.40	4.070	5.41	9.180	5.42	5.520	5.43	5.640
69	5.44	10.840	5.45	13.830	5.46	15.140	5.47	6.330	5.48	-5.490	5.49	-13.790	5.50	-12.220	5.51	-16.650
70	5.52	-10.840	5.53	7.850	5.54	9.350	5.55	1.190	5.56	-3.910	5.57	-10.560	5.58	-12.800	5.59	-11.490
71	5.60	-21.280	5.61	-25.500	5.62	-25.970	5.63	-20.670	5.64	-12.080	5.65	-2.620	5.66	1.340	5.67	7.800
72	5.68	13.660	5.69	10.780	5.70	13.770	5.71	12.580	5.72	9.360	5.73	5.470	5.74	4.750	5.75	3.650
73	5.76	-0.810	5.77	-1.360	5.78	5.700	5.79	0.350	5.80	-11.400	5.81	-16.310	5.82	-10.180	5.83	-0.520

27	10.08	14.030	10.09	15.320	10.10	18.750	10.11	19.160	10.12	14.000	10.13	11.010	10.14	9.070	10.15	8.980
28	10.16	1.920	10.17	-0.230	10.18	-0.540	10.19	-0.240	10.20	-1.480	10.21	-0.480	10.22	-5.190	10.23	-7.410
29	10.24	-9.350	10.25	-6.230	10.26	-0.700	10.27	0.500	10.28	0.480	10.29	-0.460	10.30	1.610	10.31	2.500
30	10.32	4.580	10.33	7.190	10.34	5.610	10.35	1.550	10.36	-0.170	10.37	0.520	10.38	2.380	10.39	7.620
31	10.40	11.620	10.41	12.590	10.42	9.490	10.43	7.250	10.44	7.680	10.45	7.400	10.46	1.270	10.47	1.020
32	10.48	4.910	10.49	8.630	10.50	7.330	10.51	9.240	10.52	15.080	10.53	17.290	10.54	15.580	10.55	10.860
33	10.56	4.460	10.57	-0.540	10.58	-3.690	10.59	-5.860	10.60	-9.560	10.61	-9.630	10.62	-7.820	10.63	-7.080
34	10.64	-3.510	10.65	0.310	10.66	-0.790	10.67	-2.310	10.68	-7.770	10.69	-7.570	10.70	-5.190	10.71	-0.690
35	10.72	-0.070	10.73	-3.410	10.74	6.150	10.75	-6.140	10.76	1.490	10.77	3.250	10.78	6.230	10.79	4.390
36	10.80	2.020	10.81	-20.690	10.82	-15.010	10.83	-11.420	10.84	-9.350	10.85	-7.020	10.86	-13.840	10.87	-19.500
37	10.88	-21.640	10.89	-20.690	10.90	15.840	10.91	13.230	10.92	12.890	10.93	0.760	10.94	11.610	10.95	16.930
38	10.96	17.300	10.97	16.530	10.98	6.020	10.99	3.610	11.00	0.700	11.01	-0.770	11.02	-2.380	11.03	6.090
39	11.04	5.150	11.05	6.990	11.06	1.620	11.07	8.290	11.08	10.630	11.09	4.560	11.10	5.410	11.11	2.250
40	11.12	-0.520	11.13	1.330	11.14	5.090	11.15	2.960	11.16	3.900	11.17	6.730	11.18	7.720	11.19	6.770
41	11.20	3.930	11.21	1.000	11.22	-7.860	11.23	-7.060	11.24	-9.240	11.25	-18.580	11.26	-18.970	11.27	-13.640
42	11.28	0.630	11.29	-5.560	11.30	3.080	11.31	0.020	11.32	6.440	11.33	5.560	11.34	4.240	11.35	-0.280
43	11.36	-5.420	11.37	-9.400	11.38	-2.130	11.39	-1.630	11.40	1.870	11.41	3.950	11.42	4.500	11.43	6.320
44	11.44	-2.570	11.45	-2.570	11.46	4.920	11.47	9.910	11.48	6.440	11.49	4.140	11.50	5.430	11.51	4.070
45	11.52	10.910	11.53	16.690	11.54	14.680	11.55	7.360	11.56	6.620	11.57	2.000	11.58	1.890	11.59	-0.360
46	11.60	0.170	11.61	1.000	11.62	-3.680	11.63	-0.620	11.64	2.020	11.65	4.570	11.66	7.350	11.67	6.200
47	11.68	-1.130	11.69	-1.560	11.70	4.580	11.71	6.780	11.72	-1.890	11.73	-4.990	11.74	-0.610	11.75	15.260
48	11.76	3.380	11.77	5.030	11.78	6.160	11.79	1.850	11.80	-5.370	11.81	-3.480	11.82	-0.610	11.83	-3.930
49	11.84	11.580	11.85	8.280	11.86	-5.350	11.87	-6.920	11.88	-8.730	11.89	-5.880	11.90	-1.900	11.91	0.110
50	11.92	-2.570	11.93	-6.390	11.94	0.810	11.95	12.950	11.96	11.350	11.97	10.840	11.98	6.370	11.99	3.970
51	12.00	-3.970	12.01	-3.460	12.02	-0.290	12.03	-0.290	12.04	-2.450	12.05	-3.490	12.06	-4.250	12.07	-0.380
52	12.08	1.270	12.09	7.850	12.10	-8.940	12.11	-6.430	12.12	-4.690	12.13	-4.720	12.14	-6.010	12.15	-0.170
53	12.16	0.110	12.17	0.500	12.18	-6.930	12.19	-5.930	12.20	-7.750	12.21	-4.090	12.22	-0.810	12.23	1.040
54	12.24	-7.620	12.25	-8.610	12.26	3.040	12.27	5.870	12.28	3.820	12.29	-0.750	12.30	-2.290	12.31	-1.440
55	12.32	-4.890	12.33	-6.220	12.34	3.040	12.35	1.860	12.36	4.900	12.37	4.900	12.38	6.220	12.39	9.690
56	12.40	2.330	12.41	3.130	12.42	7.330	12.43	-0.750	12.44	-11.580	12.45	-5.940	12.46	-6.950	12.47	-12.740
57	12.48	0.300	12.49	8.010	12.50	-19.260	12.51	-15.430	12.52	-1.780	12.53	-2.050	12.54	-5.000	12.55	-2.100
58	12.56	9.940	12.57	-19.260	12.58	5.630	12.59	3.240	12.60	12.440	12.61	9.480	12.62	8.240	12.63	6.540
59	12.64	4.320	12.65	5.800	12.66	10.290	12.67	5.820	12.68	6.380	12.69	0.190	12.70	-3.540	12.71	-3.720
60	12.72	6.800	12.73	11.240	12.74	-1.370	12.75	-0.370	12.76	-2.230	12.77	-1.580	12.78	0.760	12.79	0.020
61	12.80	3.770	12.81	4.100	12.82	-2.210	12.83	6.060	12.84	-4.970	12.85	-2.970	12.86	1.250	12.87	0.460
62	12.88	-0.940	12.89	-2.100	12.90	-3.480	12.91	-3.950	12.92	-2.370	12.93	-0.420	12.94	-0.060	12.95	-0.440
63	12.96	-0.350	12.97	-3.370	12.98	6.450	12.99	-0.210	13.00	-10.910	13.01	-10.910	13.02	-14.180	13.03	-14.570
64	13.04	5.910	13.05	8.190	13.06	-11.120	13.07	-10.190	13.08	-12.360	13.09	-10.910	13.10	-7.160	13.11	-2.990
65	13.12	-2.350	13.13	-3.480	13.14	-5.350	13.15	-5.490	13.16	-6.710	13.17	-8.440	13.18	-4.300	13.19	-2.420
66	13.20	14.140	13.21	10.360	13.22	8.520	13.23	7.390	13.24	6.980	13.25	3.180	13.26	-1.200	13.27	-4.720
67	13.28	-15.280	13.29	-13.000	13.30	-9.790	13.31	-8.520	13.32	-1.840	13.33	-2.510	13.34	-2.360	13.35	3.310
68	13.36	-0.230	13.37	7.680	13.38	-6.920	13.39	-4.150	13.40	-1.240	13.41	-2.350	13.42	-3.150	13.43	-5.580
69	13.44	-7.200	13.45	-11.810	13.46	-3.500	13.47	-3.140	13.48	-0.510	13.49	-6.010	13.50	-3.400	13.51	-1.950
70	13.52	-2.120	13.53	-6.920	13.54	-14.270	13.55	-12.470	13.56	-8.040	13.57	-3.350	13.58			
71	13.60	-7.200	13.61	-11.810	13.62	-3.500	13.63	-3.140	13.64	-0.510	13.65	-6.010	13.66			
72	13.68	-1.220	13.69	-0.610	13.70	-14.270	13.71	-12.470	13.72	-8.040	13.73	-3.350	13.74			
73	13.76	-8.450	13.77	-11.810	13.78	-3.500	13.79	-3.140	13.80	-0.510	13.81	-6.010	13.82			
74	13.84	-2.400	13.85	-3.500	13.86	-3.140	13.87	-3.140	13.88	-0.510	13.89	-6.010	13.90			

[illegible]

Digitized Accelerogram of Earthquake Record with Index Number E-17 (5-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	
1	0.0	1.252	0.01	2.939	0.02	3.388	0.03	2.891	0.04	2.766	0.05	3.899	0.06	5.316	0.07	5.614	
2	0.08	0.09	-1.988	0.10	-5.913	0.11	-2.742	0.12	-4.237	0.13	-0.542	0.14	1.754	0.15	1.572	0.16	4.280
3	0.16	-0.237	0.17	-2.006	0.18	-2.806	0.19	-2.725	0.20	-1.284	0.21	0.474	0.22	2.484	0.23	4.726	
4	0.24	5.196	0.25	4.923	0.26	3.812	0.27	2.534	0.28	1.440	0.29	0.326	0.30	-1.116	0.31	-3.879	
5	0.32	-3.871	0.33	-4.064	0.34	-3.523	0.35	-3.028	0.36	-3.196	0.37	-3.894	0.38	-4.360	0.39	-5.079	
6	0.40	-2.437	0.41	-0.224	0.42	1.827	0.43	3.464	0.44	4.697	0.45	5.694	0.46	6.552	0.47	7.220	
7	0.48	7.544	0.49	7.357	0.50	6.549	0.51	5.097	0.52	3.037	0.53	0.424	0.54	-2.622	0.55	-5.792	
8	0.56	-0.888	0.57	-9.994	0.58	-9.999	0.59	-8.951	0.60	-8.895	0.61	-5.972	0.62	-6.149	0.63	-6.927	
9	0.64	-7.436	0.65	-7.193	0.66	-6.422	0.67	-5.656	0.68	-5.089	0.69	-4.356	0.70	-2.972	0.71	-0.963	
10	0.72	1.013	0.73	2.227	0.74	2.592	0.75	2.768	0.76	3.420	0.77	4.767	0.78	6.013	0.79	6.268	
11	0.80	5.329	0.81	3.901	0.82	2.972	0.83	2.196	0.84	3.331	0.85	3.431	0.86	3.100	0.87	3.013	
12	0.88	3.080	0.89	5.956	0.90	7.721	0.91	7.646	0.92	4.981	0.93	0.629	0.94	-3.290	0.95	-4.774	
13	0.96	-3.274	0.97	0.109	0.98	3.373	0.99	5.011	1.00	4.871	1.01	4.012	1.02	3.727	1.03	4.518	
14	1.04	5.795	1.05	6.461	1.06	5.855	1.07	4.229	1.08	2.413	1.09	1.055	1.10	0.201	1.11	-0.427	
15	1.12	-0.066	1.13	-0.794	1.14	-0.056	1.15	0.749	1.16	0.446	1.17	-1.778	1.18	-5.524	1.19	-9.354	
16	1.20	-11.916	1.21	-12.963	1.22	-13.209	1.23	-13.735	1.24	-14.331	1.25	-14.420	1.26	-13.503	1.27	-11.797	
17	1.28	-9.978	1.29	-0.534	1.30	-7.511	1.31	-6.777	1.32	-6.221	1.33	-5.501	1.34	-3.804	1.35	-0.354	
18	1.36	4.499	1.37	6.026	1.38	10.295	1.39	8.252	1.40	4.668	1.41	2.623	1.42	3.473	1.43	5.422	
19	1.44	5.115	1.45	1.115	1.46	-4.690	1.47	-8.351	1.48	-7.611	1.49	-3.777	1.50	-1.358	1.51	-2.949	
20	1.52	-0.430	1.53	-10.741	1.54	-11.047	1.55	-7.138	1.56	-0.978	1.57	4.719	1.58	8.528	1.59	10.488	
21	1.60	11.323	1.61	11.477	1.62	10.907	1.63	9.437	1.64	7.484	1.65	5.493	1.66	4.197	1.67	3.095	
22	1.68	4.292	1.69	4.650	1.70	4.279	1.71	3.019	1.72	1.306	1.73	-2.273	1.74	-1.529	1.75	-2.703	
23	1.76	-3.926	1.77	-4.716	1.78	-4.204	1.79	-2.001	1.80	1.675	1.81	3.893	1.82	5.134	1.83	5.078	
24	1.84	4.746	1.85	4.961	1.86	5.723	1.87	6.578	1.88	7.355	1.89	8.261	1.90	9.363	1.91	9.954	
25	1.92	9.301	1.93	7.630	1.94	6.401	1.95	7.073	1.96	9.390	1.97	11.008	1.98	9.182	1.99	3.154	
26	2.00	-4.949	2.01	-11.583	2.02	-14.339	2.03	-13.352	2.04	-10.588	2.05	-8.006	2.06	-6.345	2.07	-5.320	
27	2.08	-4.488	2.09	-3.661	2.10	-2.620	2.11	-0.864	2.12	1.963	2.13	5.297	2.14	7.546	2.15	7.098	
28	2.16	3.732	2.17	-0.995	2.18	-4.371	2.19	-5.240	2.20	-4.120	2.21	-3.080	2.22	-3.749	2.23	-6.267	
29	2.24	-9.176	2.25	-10.857	2.26	-10.786	2.27	-9.704	2.28	-8.673	2.29	-7.999	2.30	-6.980	2.31	-6.610	
30	2.32	-0.549	2.33	4.456	2.34	8.976	2.35	11.746	2.36	12.338	2.37	11.291	2.38	9.703	2.39	8.870	
31	2.40	8.248	2.41	8.335	2.42	8.040	2.43	6.801	2.44	4.672	2.45	2.200	2.46	-0.048	2.47	-1.664	
32	2.48	-3.340	2.49	-4.546	2.50	-5.372	2.51	-5.728	2.52	-5.788	2.53	-5.880	2.54	-6.055	2.55	-5.830	
33	2.56	-4.552	2.57	-2.106	2.58	0.761	2.59	2.976	2.60	4.120	2.61	4.852	2.62	4.249	2.63	8.566	
34	2.64	10.588	2.65	10.322	2.66	6.572	2.67	0.156	2.68	-6.284	2.69	-9.600	2.70	-8.904	2.71	-4.390	
35	2.72	1.286	2.73	5.485	2.74	6.734	2.75	5.189	2.76	2.175	2.77	-0.689	2.78	-2.211	2.79	-1.959	
36	2.80	-0.256	2.81	2.069	2.82	4.862	2.83	5.238	2.84	5.756	2.85	6.193	2.86	6.826	2.87	7.078	
37	2.88	5.784	2.89	2.239	2.90	-2.810	2.91	-7.484	2.92	-9.012	2.93	-7.392	2.94	-3.871	2.95	-0.903	
38	2.96	-4.159	2.97	-1.452	2.98	-0.318	2.99	-0.536	3.00	-1.043	3.01	-1.225	3.02	-0.865	3.03	-1.785	
39	3.04	-2.845	3.05	-2.421	3.06	0.165	3.07	3.837	3.08	6.667	3.09	7.240	3.10	5.831	3.11	4.807	
40	3.12	3.096	3.13	2.992	3.14	2.308	3.15	-0.159	3.16	-4.156	3.17	-6.044	3.18	-10.119	3.19	-9.872	
41	3.20	-8.124	3.21	-6.076	3.22	-4.469	3.23	-3.459	3.24	-3.075	3.25	-3.430	3.26	-4.458	3.27	-5.566	
42	3.28	-5.997	3.29	-5.506	3.30	-4.664	3.31	-4.727	3.32	-4.437	3.33	-4.332	3.34	-3.011	3.35	-0.495	
43	3.36	2.043	3.37	3.271	3.38	2.934	3.39	2.700	3.40	1.991	3.41	3.008	3.42	4.157	3.43	4.156	
44	3.44	2.446	3.45	0.545	3.46	-0.752	3.47	-0.508	3.48	0.917	3.49	2.564	3.50	3.698	3.51	4.193	
45	3.52	4.276	3.53	4.101	3.54	3.640	3.55	2.871	3.56	1.905	3.57	0.843	3.58	-0.427	3.59	-2.110	
46	3.60	-4.066	3.61	-5.527	3.62	-5.432	3.63	-3.250	3.64	0.393	3.65	3.930	3.66	5.834	3.67	5.628	
47	3.68	4.159	3.69	2.892	3.70	2.969	3.71	4.391	3.72	6.233	3.73	7.231	3.74	6.640	3.75	4.659	
48	3.76	-2.252	3.77	0.458	3.78	-0.318	3.79	-0.536	3.80	-1.043	3.81	-2.279	3.82	-3.834	3.83	-4.764	
49	3.84	-4.391	3.85	-2.845	3.86	-0.900	3.87	0.287	3.88	1.747	3.89	1.747	3.90	1.356	3.91	0.320	
50	3.92	-1.212	3.93	-2.661	3.94	-3.270	3.95	-2.693	3.96	-1.307	3.97	0.148	3.98	1.272	3.99	2.291	
51	4.00	3.615	4.01	5.146	4.02	6.132	4.03	5.787	4.04	4.047	4.05	1.690	4.06	-0.314	4.07	-1.553	
52	4.08	-2.303	4.09	-3.022	4.10	-3.823	4.11	-4.490	4.12	-4.884	4.13	-5.195	4.14	-5.706	4.15	-5.398	
53	4.16	-6.950	4.17	-7.188	4.18	-7.440	4.19	-8.278	4.20	-9.789	4.21	-11.172	4.22	-11.246	4.23	-9.523	
54	4.24	-6.822	4.25	-4.693	4.26	-4.086	4.27	-4.493	4.28	-4.439	4.29	-2.910	4.30	-0.392	4.31	1.510	
55	4.32	1.518	4.33	-0.156	4.34	-2.008	4.35	-2.570	4.36	-1.566	4.37	0.099	4.38	1.345	4.39	1.808	
56	4.40	1.745	4.41	1.604	4.42	1.131	4.43	0.247	4.44	-0.604	4.45	-0.490	4.46	1.114	4.47	3.507	
57	4.48	5.029	4.49	4.400	4.50	1.932	4.51	-0.359	4.52	-1.165	4.53	0.596	4.54	3.456	4.55	5.439	
58	4.56	5.303	4.57	3.240	4.58	0.484	4.59	-1.621	4.60	-2.355	4.61	-1.793	4.62	-0.559	4.63	0.592	
59	4.64	1.165	4.65	1.146	4.66	0.928	4.67	0.484	4.68	1.406	4.69	2.065	4.70	2.717	4.71	3.410	
60	4.72	4.389	4.73	5.690	4.74	6.863	4.75	7.224	4.76	6.478	4.77	5.089	4.78	3.984	4.79	3.805	
61	4.80	4.399	4.81	5.019	4.82	4.997	4.83	4.256	4.84	3.227	4.85	2.359	4.86	1.744	4.87	1.208	
62	4.88	0.646	4.89	0.217	4.90	0.181	4.91	0.603	4.92	1.263	4.93	1.835	4.94	2.118	4.95	2.072	
63	4.96	1.699	4.97	0.983	4.98	0.013	4.99	-0.890	5.00	-1.327	5.01	-1.191	5.02	-0.076	5.03	-0.904	
64	5.04	-1.700	5.05	-2.456	5.06	-2.325	5.07	-0.902	5.08	1.162	5.09	2.568	5.10	2.421	5.11	0.977	
65	5.12	-0.619	5.13	-1.352	5.14	-1.143	5.15	-0.745	5.16	-0.922	5.17	-1.767	5.18	-2.774	5.19	-3.442	
66	5.20	3.724	5.21	-3.894	5.22	-4.108	5.23	-2.217	5.24	-4.046	5.25	-3.772	5.26	-3.879	5.27	-4.668	
67	5.28	-5.148	5.29	-3.304	5.30	-4.932	5.31	-4.388	5.32	-2.690	5.33	-1.692	5.34	-1.463	5.35	-1.257	
68	5.36	-0.310	5.37	1.269	5.38	2.422	5.39	2.070	5.40	0.245	5.41	-1.668	5.42	-1.946	5.43	0.035	
69	5.44	3.200	5.45	5.576	5.46	5.814	5.47	4.141	5.48	1.996	5.49	0.806	5.50	0.985	5.51	1.868	
70	5.52	2.419	5.53	1.988	5.54	0.608	5.55	-1.165	5.56	-2.599	5.57	-3.104	5.58	-2.494	5.59	-1.096	
71	5.60	0.409	5.61	1.407	5.62	1.746	5.63	1.750	5.64	1.880	5.65	2.241	5.66	2.613	5.67	2.725	
72	5.68	2.584	5.69	2.452	5.70	2.551	5.71	2.839	5.72	3.113	5.73	3.286	5.74	3.490	5.75	3.886	
73	5.76	4.390	5.77	4.629	5.78	4.231	5.79	3.177	5.80	1.808	5.81	0.969	5.82	0.784	5.83	1.192	
74	5.84	1.612	5.85	1.392	5.86	0.230	5.87	-1.592	5.88	-3.335	5.89	-4.238	5.90	-3.992	5.91	-2.936	
7																	

Digitized Accelerogram of Earthquake Record with Index Number E-18 (5-Y)

INPUT CARD	WAVE TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME
1	0.0	-0.010	0.010	-1.470	0.020	-2.930	0.030	-3.060	0.040	-3.190	0.050	-4.140	0.060	-5.080	0.070	-4.810							
2	0.000	-0.330	0.090	-4.260	0.100	-3.980	0.110	-3.060	0.120	-3.740	0.130	-3.620	0.140	-3.300	0.150	-3.300							
3	0.100	-0.270	0.170	-5.150	0.180	-3.040	0.190	-2.530	0.200	-1.230	0.210	-0.080	0.220	-0.080	0.230	-5.000							
4	0.200	-0.240	0.250	-1.610	0.260	-1.930	0.270	-3.900	0.280	-5.840	0.290	-7.590	0.300	-9.350	0.310	-7.600							
5	0.300	-0.860	0.330	-4.120	0.340	-0.990	0.350	-2.060	0.360	-1.840	0.370	-0.010	0.380	-0.010	0.390	-1.540							
6	0.400	-2.310	0.410	-3.090	0.420	-0.700	0.430	-3.080	0.440	-3.910	0.450	-3.080	0.460	-3.370	0.470	-3.350							
7	0.480	-3.330	0.490	-3.210	0.500	-3.090	0.510	-2.970	0.520	-3.470	0.530	-1.050	0.540	-4.400	0.550	-3.740							
8	0.560	-3.000	0.570	-2.250	0.580	-1.510	0.590	-0.770	0.600	-0.140	0.610	1.050	0.620	-1.960	0.630	-3.770							
9	0.640	-3.570	0.650	-4.300	0.660	-5.190	0.670	-5.140	0.680	-5.090	0.690	-5.050	0.700	-5.000	0.710	-4.950							
10	0.720	-4.900	0.730	-5.320	0.740	-5.730	0.750	-6.140	0.760	-6.290	0.770	-6.750	0.780	-7.260	0.790	-5.180							
11	0.800	-7.390	0.810	-8.610	0.820	-9.840	0.830	-11.060	0.840	-12.290	0.850	-10.610	0.860	-8.920	0.870	-4.440							
12	0.880	-6.330	0.890	-4.620	0.900	-4.710	0.910	-4.220	0.920	-3.720	0.930	-3.230	0.940	-2.730	0.950	-2.240							
13	0.960	-0.500	0.970	-1.240	0.980	-2.980	0.990	-1.980	1.000	-0.970	1.010	-0.030	1.020	-0.790	1.030	-1.550							
14	1.040	-2.300	1.050	-3.050	1.060	-4.880	1.070	-6.960	1.080	-9.100	1.090	-10.630	1.100	-12.260	1.110	-11.100							
15	1.120	-0.860	1.130	-3.610	1.140	-2.370	1.150	-4.880	1.160	-5.630	1.170	-6.380	1.180	-7.130	1.190	-7.880							
16	1.200	-0.160	1.210	-2.340	1.220	-5.240	1.230	-7.940	1.240	-10.640	1.250	-13.340	1.260	-16.040	1.270	-18.740							
17	1.280	-13.660	1.290	-12.240	1.300	-10.820	1.310	-9.400	1.320	-8.040	1.330	-6.620	1.340	-5.200	1.350	-3.780							
18	1.360	-7.110	1.370	-3.380	1.380	-2.400	1.390	-1.430	1.400	-0.450	1.410	-0.270	1.420	-1.080	1.430	-1.720							
19	1.440	-2.430	1.450	-5.710	1.460	-5.040	1.470	-5.960	1.480	-6.230	1.490	-6.800	1.500	-7.370	1.510	-7.940							
20	1.520	-9.120	1.530	-9.870	1.540	-10.610	1.550	-11.360	1.560	-12.110	1.570	-12.860	1.580	-13.610	1.590	-14.360							
21	1.600	-0.070	1.610	-0.070	1.620	-0.070	1.630	-0.070	1.640	-0.070	1.650	-0.070	1.660	-0.070	1.670	-0.070							
22	1.680	-0.600	1.690	-0.610	1.700	-0.610	1.710	-0.610	1.720	-0.610	1.730	-0.610	1.740	-0.610	1.750	-0.610							
23	1.760	-10.480	1.770	-9.790	1.780	-9.100	1.790	-8.410	1.800	-7.720	1.810	-7.030	1.820	-6.340	1.830	-5.650							
24	1.840	-2.830	1.850	-2.110	1.860	-1.390	1.870	-0.670	1.880	-0.010	1.890	-0.670	1.900	-1.390	1.910	-2.110							
25	1.920	-3.850	1.930	-2.640	1.940	-1.420	1.950	-0.210	1.960	-1.080	1.970	-2.220	1.980	-3.360	1.990	-4.500							
26	2.000	-3.370	2.010	-2.040	2.020	-0.710	2.030	0.530	2.040	1.780	2.050	3.020	2.060	4.260	2.070	5.500							
27	2.080	-4.500	2.090	-5.000	2.100	-5.490	2.110	-5.980	2.120	-6.470	2.130	-6.960	2.140	-7.450	2.150	-7.940							
28	2.160	-0.830	2.170	-0.560	2.180	-1.150	2.190	-1.740	2.200	-2.320	2.210	-2.910	2.220	-3.500	2.230	-4.090							
29	2.240	-0.980	2.250	-1.860	2.260	-2.750	2.270	-3.640	2.280	-4.530	2.290	-5.420	2.300	-6.310	2.310	-7.200							
30	2.320	-3.670	2.330	-5.330	2.340	-7.000	2.350	-8.670	2.360	-10.340	2.370	-12.010	2.380	-13.680	2.390	-15.350							
31	2.400	-1.780	2.410	-1.660	2.420	-1.540	2.430	-1.420	2.440	-1.300	2.450	-1.180	2.460	-1.060	2.470	-0.940							
32	2.480	-4.570	2.490	-4.350	2.500	-4.130	2.510	-3.910	2.520	-3.690	2.530	-3.470	2.540	-3.250	2.550	-3.030							
33	2.560	-1.690	2.570	-2.160	2.580	-2.630	2.590	-3.100	2.600	-3.570	2.610	-4.040	2.620	-4.510	2.630	-4.980							
34	2.640	-0.740	2.650	-0.720	2.660	-0.700	2.670	-0.680	2.680	-0.660	2.690	-0.640	2.700	-0.620	2.710	-0.600							
35	2.720	-0.280	2.730	-1.820	2.740	-1.310	2.750	-0.790	2.760	-0.270	2.770	0.250	2.780	0.770	2.790	1.290							
36	2.800	-2.600	2.810	-4.120	2.820	-5.640	2.830	-7.160	2.840	-8.680	2.850	-10.200	2.860	-11.720	2.870	-13.240							
37	2.880	-0.700	2.890	-3.410	2.900	-5.980	2.910	-8.550	2.920	-11.120	2.930	-13.690	2.940	-16.260	2.950	-18.830							
38	2.960	-7.660	2.970	-6.130	2.980	-4.600	2.990	-3.070	3.000	-1.540	3.010	0.000	3.020	1.540	3.030	3.080							
39	3.040	-2.710	3.050	-1.860	3.060	-1.010	3.070	-0.160	3.080	0.790	3.090	1.720	3.100	2.650	3.110	3.580							
40	3.120	-0.120	3.130	-0.810	3.140	-1.500	3.150	-2.190	3.160	-2.880	3.170	-3.570	3.180	-4.260	3.190	-4.950							
41	3.200	-1.210	3.210	-1.760	3.220	-2.310	3.230	-2.860	3.240	-3.410	3.250	-3.960	3.260	-4.510	3.270	-5.060							
42	3.280	-1.500	3.290	-2.290	3.300	-3.080	3.310	-3.870	3.320	-4.660	3.330	-5.450	3.340	-6.240	3.350	-7.030							
43	3.360	-1.240	3.370	-1.760	3.380	-2.290	3.390	-2.820	3.400	-3.350	3.410	-3.880	3.420	-4.410	3.430	-4.940							
44	3.440	-1.600	3.450	-2.000	3.460	-2.400	3.470	-2.800	3.480	-3.200	3.490	-3.600	3.500	-4.000	3.510	-4.400							
45	3.520	-3.350	3.530	-1.780	3.540	-0.210	3.550	-1.360	3.560	-2.700	3.570	-4.040	3.580	-5.380	3.590	-6.720							
46	3.600	-2.940	3.610	-1.720	3.620	-0.500	3.630	-0.720	3.640	-1.430	3.650	-2.140	3.660	-2.850	3.670	-3.560							
47	3.680	-1.810	3.690	-0.050	3.700	-1.710	3.710	-3.370	3.720	-5.030	3.730	-6.690	3.740	-8.350	3.750	-10.010							
48	3.760	-3.850	3.770	-4.650	3.780	-5.450	3.790	-6.250	3.800	-7.050	3.810	-7.850	3.820	-8.650	3.830	-9.450							
49	3.840	-5.940	3.850	-5.310	3.860	-4.680	3.870	-4.050	3.880	-3.420	3.890	-2.790	3.900	-2.160	3.910	-1.530							
50	3.920	-1.300	3.930	-1.150	3.940	-1.000	3.950	-0.850	3.960	-0.700	3.970	-0.550	3.980	-0.400	3.990	-0.250							
51	4.000	-2.870	4.010	-3.040	4.020	-3.220	4.030	-3.400	4.040	-3.580	4.050	-3.760	4.060	-3.940	4.070	-4.120							
52	4.080	-1.620	4.090	-2.650	4.100	-3.680	4.110	-4.710	4.120	-5.740	4.130	-6.770	4.140	-7.800	4.150	-8.830							
53	4.160	-2.980	4.170	-3.220	4.180	-3.460	4.190	-3.700	4.200	-3.940	4.210	-4.180	4.220	-4.420	4.230	-4.660							
54	4.240	-0.830	4.250	-0.650	4.260	-0.460	4.270	-0.280	4.280	-0.100	4.290	0.080	4.300	0.260	4.310	0.440							
55	4.320	-1.070	4.330	-2.240	4.340	-3.410	4.350	-4.580	4.360	-5.750	4.370	-6.920	4.380	-8.090	4.390	-9.260							
56	4.400	-0.440	4.410	-0.060	4.420	-0.320	4.430	-0.640	4.440	-0.960	4.450	-1.280	4.460	-1.600	4.470	-1.920							
57	4.480	-3.130	4.490	-4.130	4.500	-5.130	4.510	-6.130	4.520	-7.130	4.530	-8.130	4.540	-9.130	4.550	-10.130							
58	4.560	-4.580	4.570	-5.700	4.580	-6.820	4.590	-7.940	4.600	-9.060	4.610	-10.180	4.620	-11.300	4.630	-12.420							
59	4.640	-1.250	4.650	-1.720	4.660	-2.190	4.670	-2.660	4.680	-3.130	4.690	-3.600	4.700	-4.070	4.710	-4.540							
60	4.720	-0.920	4.730	-1.150	4.740	-1.380	4.750	-1.610	4.760	-1.840	4.770	-2.070	4.780	-2.300	4.790	-2.530							
61	4.800	-3.430	4.810	-4.680	4.820	-5.930	4.830	-7.180															

Digitized Accelerogram of Earthquake Record with Index Number E-19 (5-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-5.029	0.01	-5.733	0.02	-5.794	0.03	-5.696	0.04	-5.611	0.05	-5.321	0.06	-4.604	0.07	-3.632
2	0.00	-2.735	0.09	-2.735	0.10	-3.019	0.11	-3.333	0.12	-3.514	0.13	-3.680	0.14	-4.792	0.15	-5.077
3	0.16	-5.782	0.17	-2.999	0.18	2.667	0.19	9.242	0.20	13.332	0.21	12.223	0.22	5.839	0.23	-3.117
4	0.24	-10.054	0.25	-14.933	0.26	-15.254	0.27	-13.234	0.28	-10.173	0.29	-6.436	0.30	-2.275	0.31	1.343
5	0.32	2.979	0.33	2.141	0.34	0.279	0.35	-0.114	0.36	2.267	0.37	5.710	0.38	7.110	0.39	4.146
6	0.40	-2.182	0.41	-0.251	0.42	-10.844	0.43	-8.696	0.44	-4.608	0.45	-1.344	0.46	-0.419	0.47	-1.377
7	0.48	-2.909	0.49	-4.142	0.50	-4.928	0.51	-5.291	0.52	-5.680	0.53	-5.001	0.54	-1.906	0.55	-0.019
8	0.56	1.212	0.57	1.745	0.58	2.110	0.59	2.845	0.60	3.997	0.61	5.167	0.62	5.978	0.63	6.486
9	0.64	6.624	0.65	1.587	0.66	5.947	0.67	4.573	0.68	3.160	0.69	3.056	0.70	5.054	0.71	8.083
10	0.72	9.326	0.73	6.237	0.74	-1.008	0.75	-9.032	0.76	-13.694	0.77	-13.573	0.78	-11.293	0.79	-10.681
11	0.80	-13.240	0.81	-16.413	0.82	-15.802	0.83	-9.879	0.84	-1.774	0.85	3.510	0.86	2.654	0.87	-1.850
12	0.88	-5.867	0.89	-6.600	0.90	-4.678	0.91	-2.397	0.92	-0.937	0.93	0.513	0.94	2.992	0.95	5.866
13	0.96	6.769	0.97	4.432	0.98	-0.198	0.99	-4.338	1.00	-5.794	1.01	-4.711	1.02	-3.136	1.03	-3.169
14	1.04	-5.095	1.05	-7.928	1.06	-9.900	1.07	-9.906	1.08	-7.915	1.09	-4.772	1.10	-1.665	1.11	-0.447
15	1.12	1.207	1.13	0.847	1.14	-0.116	1.15	-1.746	1.16	-1.746	1.17	-1.122	1.18	1.454	1.19	6.098
16	1.20	11.787	1.21	16.680	1.22	19.230	1.23	19.149	1.24	17.322	1.25	14.831	1.26	12.146	1.27	9.294
17	1.28	6.627	1.29	5.091	1.30	5.459	1.31	7.233	1.32	8.784	1.33	8.645	1.34	4.552	1.35	-0.270
18	1.36	-4.004	1.37	-4.904	1.38	-5.068	1.39	-0.390	1.40	0.575	1.41	-1.778	1.42	-6.663	1.43	-11.794
19	1.44	-12.825	1.45	-7.782	1.46	2.093	1.47	12.408	1.48	18.719	1.49	16.905	1.50	15.051	1.51	11.259
20	1.52	10.086	1.53	10.937	1.54	10.957	1.55	7.834	1.56	1.737	1.57	-5.095	1.58	-10.298	1.59	-12.893
21	1.60	-13.297	1.61	-12.432	1.62	-11.104	1.63	-9.964	1.64	-9.469	1.65	-9.519	1.66	-9.299	1.67	-7.984
22	1.68	-5.081	1.69	-4.646	1.70	-5.915	1.71	-9.405	1.72	-13.024	1.73	-13.939	1.74	-11.662	1.75	-7.957
23	1.76	-4.894	1.77	-2.686	1.78	0.159	1.79	4.496	1.80	8.731	1.81	9.857	1.82	6.544	1.83	1.052
24	1.84	-2.302	1.85	-0.875	1.86	3.988	1.87	8.160	1.88	8.554	1.89	5.367	1.90	1.378	1.91	-0.961
25	1.92	-1.544	1.93	-2.063	1.94	-3.881	1.95	-6.462	1.96	-8.044	1.97	-7.102	1.98	-3.687	1.99	0.716
26	2.00	4.292	2.01	5.594	2.02	5.958	2.03	5.167	2.04	4.714	2.05	5.107	2.06	6.012	2.07	6.566
27	2.08	6.157	2.09	4.723	2.10	-2.842	2.11	-1.094	2.12	-0.458	2.13	-1.362	2.14	-1.729	2.15	-0.892
28	2.16	1.368	2.17	4.240	2.18	5.828	2.19	4.599	2.20	0.687	2.21	-3.872	2.22	-6.552	2.23	-6.220
29	2.24	-3.836	2.25	-1.321	2.26	0.266	2.27	1.459	2.28	3.378	2.29	6.147	2.30	8.490	2.31	8.965
30	2.32	7.504	2.33	5.543	2.34	4.567	2.35	4.593	2.36	4.261	2.37	2.456	2.38	-0.255	2.39	-1.913
31	2.40	-0.928	2.41	2.424	2.42	6.200	2.43	8.358	2.44	8.181	2.45	6.383	2.46	4.135	2.47	2.128
32	2.48	0.445	2.49	-0.925	2.50	-1.662	2.51	-1.233	2.52	0.570	2.53	3.148	2.54	5.115	2.55	4.972
33	2.56	2.119	2.57	-2.510	2.58	-6.841	2.59	-9.024	2.60	-8.794	2.61	-7.628	2.62	-7.452	2.63	-8.945
34	2.64	-10.913	2.65	-11.227	2.66	-9.478	2.67	-8.024	2.68	-3.209	2.69	7.757	2.70	8.793	2.71	5.968
35	2.72	0.711	2.73	-4.270	2.74	-6.353	2.75	-4.557	2.76	-0.118	2.77	4.551	2.78	7.692	2.79	9.252
36	2.80	10.205	2.81	11.604	2.82	10.813	2.83	8.266	2.84	2.909	2.85	-4.111	2.86	-10.614	2.87	-14.587
37	2.88	-15.155	2.89	-12.956	2.90	-9.918	2.91	-8.276	2.92	-8.967	2.93	-10.427	2.94	-9.286	2.95	-3.149
38	2.96	6.623	2.97	15.044	2.98	17.103	2.99	11.936	3.00	3.617	3.01	-2.327	3.02	-3.384	3.03	-1.268
39	3.04	0.902	3.05	2.095	3.06	3.807	3.07	7.390	3.08	11.722	3.09	14.072	3.10	13.172	3.11	10.840
40	3.12	10.128	3.13	11.908	3.14	13.614	3.15	11.660	3.16	4.748	3.17	-4.241	3.18	-10.953	3.19	-12.589
41	3.20	-9.540	3.21	-4.380	3.22	0.248	3.23	2.963	3.24	3.729	3.25	3.377	3.26	3.105	3.27	3.879
42	3.28	5.680	3.29	7.176	3.30	6.518	3.31	2.960	3.32	-2.109	3.33	-5.939	3.34	-6.585	3.35	-4.579
43	3.36	-2.469	3.37	-2.528	3.38	-6.699	3.39	-6.659	3.40	-5.973	3.41	-2.313	3.42	2.262	3.43	5.177
44	3.44	5.531	3.45	4.605	3.46	3.330	3.47	5.321	3.48	6.380	3.49	5.794	3.50	3.014	3.51	-0.957
45	3.52	4.544	3.53	-7.011	3.54	-6.362	3.55	-8.611	3.56	-7.291	3.57	-4.117	3.58	0.027	3.59	3.229
46	3.56	4.110	3.57	3.267	3.58	2.830	3.59	4.210	3.60	6.245	3.61	5.917	3.62	4.080	3.63	4.077
47	3.68	-10.746	3.69	-9.678	3.70	-2.732	3.71	5.733	3.72	10.624	3.73	10.070	3.74	6.496	3.75	4.100
48	3.76	5.178	3.77	8.509	3.78	10.934	3.79	10.351	3.80	7.380	3.81	4.409	3.82	3.227	3.83	3.486
49	3.84	3.295	3.85	1.179	3.86	-2.441	3.87	-5.538	3.88	-6.170	3.89	-4.073	3.90	-0.858	3.91	1.244
50	3.92	0.995	3.93	-1.116	3.94	-3.451	3.95	-4.533	3.96	-4.050	3.97	-2.901	3.98	-2.355	3.99	-3.022
51	4.00	-4.354	4.01	-5.010	4.02	-3.621	4.03	-0.693	4.04	3.177	4.05	5.974	4.06	6.415	4.07	4.601
52	4.08	1.956	4.09	0.254	4.10	0.436	4.11	2.660	4.12	3.792	4.13	4.486	4.14	3.992	4.15	3.051
53	4.16	2.463	4.17	2.311	4.18	1.959	4.19	0.778	4.20	-1.096	4.21	-2.726	4.22	-3.112	4.23	-2.054
54	4.24	-0.337	4.25	0.921	4.26	1.171	4.27	0.809	4.28	0.733	4.29	1.547	4.30	3.074	4.31	4.540
55	4.32	5.147	4.33	4.553	4.34	3.147	4.35	-0.805	4.36	-3.055	4.37	-1.895	4.38	-1.136	4.39	-1.105
56	4.40	-0.069	4.41	0.629	4.42	0.890	4.43	1.201	4.44	2.214	4.45	4.080	4.46	4.161	4.47	7.459
57	4.48	7.429	4.49	6.448	4.50	5.473	4.51	5.189	4.52	5.397	4.53	5.242	4.54	4.039	4.55	1.949
58	4.56	-0.118	4.57	-1.289	4.58	-1.456	4.59	-1.307	4.60	-1.615	4.61	-2.453	4.62	-3.070	4.63	-2.574
59	4.64	-0.845	4.65	1.167	4.66	2.091	4.67	1.239	4.68	-0.782	4.69	-2.506	4.70	-2.737	4.71	-1.499
60	4.72	0.321	4.73	1.746	4.74	2.608	4.75	3.004	4.76	4.436	4.77	5.201	4.78	4.773	4.79	2.837
61	4.80	0.303	4.81	-1.278	4.82	-1.058	4.83	0.271	4.84	1.023	4.85	0.010	4.86	-2.371	4.87	-4.470
62	4.88	-4.811	4.89	-3.310	4.90	-1.218	4.91	0.552	4.92	0.071	4.93	-0.482	4.94	-0.686	4.95	-0.296
63	4.96	0.126	4.97	-0.103	4.98	-1.046	4.99	-2.058	5.00	-2.373	5.01	-1.759	5.02	-0.637	5.03	0.360
64	5.04	0.921	5.05	1.200	5.06	1.517	5.07	1.968	5.08	2.305	5.09	2.162	5.10	1.629	5.11	-0.034
65	5.12	-1.476	5.13	-2.462	5.14	-2.492	5.15	-1.923	5.16	-0.699	5.17	0.561	5.18	1.472	5.19	1.949
66	5.20	2.179	5.21	2.212	5.22	2.058	5.23	1.733	5.24	1.469	5.25	1.616	5.26	2.249	5.27	2.889
67	5.28	2.776	5.29	1.691	5.30	0.016	5.31	-0.684	5.32	0.403	5.33	2.926	5.34	5.396	5.35	6.249
68	5.36	4.952	5.37	2.308	5.38	-0.436	5.39	-1.951	5.40	-2.320	5.41	-1.810	5.42	-0.905	5.43	0.048
69	5.44	0.823	5.45	1.246	5.46	1.244	5.47	0.922	5.48	0.520	5.49	0.276	5.50	0.310	5.51	0.665
70	5.52	1.222	5.53	1.724	5.54	1.716	5.55	0.770	5.56	-1.127	5.57	-3.352	5.58	-4.913	5.59	-5.107
71	5.60	-4.034	5.61	-2.513	5.62	-1.443	5.63	-1.176	5.64	-1.445	5.65	-1.799	5.66	-2.063	5.67	-2.393
72	5.68	-2.960	5.69	-3.684	5.70	-4.287	5.71	-4.531	5.72	-4.348	5.73	-3.786	5.74	-2.960	5.75	-2.114
73	5.76	-1.650	5.77	-1.849	5.78	-2.444	5.79	-2.546	5.80	-1.304	5.81	1.146	5.82	3.381	5.83	3.818
74	5.84	1.249	5.85	-2.396	5.86	-4.916	5.87	-4.916	5.88	-2.145	5.89	0.752	5.90	2.168</		

Digitized Accelerogram of Earthquake Record with Index Number E-20 (5-Z)

INPUT CARD	WAVE TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME
1	0.0	-3.700	0.010	-3.530	0.020	-3.370	0.030	-3.200	0.040	-3.030	0.050	-2.860	0.060	-2.690	0.070
2	0.080	-2.520	0.090	-2.350	0.100	-2.180	0.110	-2.010	0.120	-1.840	0.130	-1.670	0.140	-1.500	0.150
3	0.160	-1.330	0.170	-1.160	0.180	-0.990	0.190	-0.820	0.200	-0.650	0.210	-0.480	0.220	-0.310	0.230
4	0.240	-0.140	0.250	0.030	0.260	0.200	0.270	0.370	0.280	0.540	0.290	0.710	0.300	0.880	0.310
5	0.320	1.000	0.330	1.170	0.340	1.340	0.350	1.510	0.360	1.680	0.370	1.850	0.380	2.020	0.390
6	0.400	2.190	0.410	2.360	0.420	2.530	0.430	2.700	0.440	2.870	0.450	3.040	0.460	3.210	0.470
7	0.480	3.380	0.490	3.550	0.500	3.720	0.510	3.890	0.520	4.060	0.530	4.230	0.540	4.400	0.550
8	0.560	4.590	0.570	4.760	0.580	4.930	0.590	5.100	0.600	5.270	0.610	5.440	0.620	5.610	0.630
9	0.640	5.780	0.650	5.950	0.660	6.120	0.670	6.290	0.680	6.460	0.690	6.630	0.700	6.800	0.710
10	0.720	6.990	0.730	7.160	0.740	7.330	0.750	7.500	0.760	7.670	0.770	7.840	0.780	8.010	0.790
11	0.800	8.180	0.810	8.350	0.820	8.520	0.830	8.690	0.840	8.860	0.850	9.030	0.860	9.200	0.870
12	0.880	9.310	0.890	9.480	0.900	9.650	0.910	9.820	0.920	9.990	0.930	10.160	0.940	10.330	0.950
13	0.960	10.500	0.970	10.670	0.980	10.840	0.990	11.010	1.000	11.180	1.010	11.350	1.020	11.520	1.030
14	1.040	11.690	1.050	11.860	1.060	12.030	1.070	12.200	1.080	12.370	1.090	12.540	1.100	12.710	1.110
15	1.120	12.880	1.130	13.050	1.140	13.220	1.150	13.390	1.160	13.560	1.170	13.730	1.180	13.900	1.190
16	1.200	14.010	1.210	14.180	1.220	14.350	1.230	14.520	1.240	14.690	1.250	14.860	1.260	15.030	1.270
17	1.280	15.200	1.290	15.370	1.300	15.540	1.310	15.710	1.320	15.880	1.330	16.050	1.340	16.220	1.350
18	1.360	16.390	1.370	16.560	1.380	16.730	1.390	16.900	1.400	17.070	1.410	17.240	1.420	17.410	1.430
19	1.440	17.580	1.450	17.750	1.460	17.920	1.470	18.090	1.480	18.260	1.490	18.430	1.500	18.600	1.510
20	1.520	18.770	1.530	18.940	1.540	19.110	1.550	19.280	1.560	19.450	1.570	19.620	1.580	19.790	1.590
21	1.600	19.960	1.610	20.130	1.620	20.300	1.630	20.470	1.640	20.640	1.650	20.810	1.660	20.980	1.670
22	1.680	21.150	1.690	21.320	1.700	21.490	1.710	21.660	1.720	21.830	1.730	22.000	1.740	22.170	1.750
23	1.760	22.340	1.770	22.510	1.780	22.680	1.790	22.850	1.800	23.020	1.810	23.190	1.820	23.360	1.830
24	1.840	23.530	1.850	23.700	1.860	23.870	1.870	24.040	1.880	24.210	1.890	24.380	1.900	24.550	1.910
25	1.920	24.720	1.930	24.890	1.940	25.060	1.950	25.230	1.960	25.400	1.970	25.570	1.980	25.740	1.990
26	2.000	25.910	2.010	26.080	2.020	26.250	2.030	26.420	2.040	26.590	2.050	26.760	2.060	26.930	2.070
27	2.080	27.100	2.090	27.270	2.100	27.440	2.110	27.610	2.120	27.780	2.130	27.950	2.140	28.120	2.150
28	2.160	28.290	2.170	28.460	2.180	28.630	2.190	28.800	2.200	28.970	2.210	29.140	2.220	29.310	2.230
29	2.240	29.480	2.250	29.650	2.260	29.820	2.270	29.990	2.280	30.160	2.290	30.330	2.300	30.500	2.310
30	2.320	30.670	2.330	30.840	2.340	31.010	2.350	31.180	2.360	31.350	2.370	31.520	2.380	31.690	2.390
31	2.400	31.860	2.410	32.030	2.420	32.200	2.430	32.370	2.440	32.540	2.450	32.710	2.460	32.880	2.470
32	2.480	33.050	2.490	33.220	2.500	33.390	2.510	33.560	2.520	33.730	2.530	33.900	2.540	34.070	2.550
33	2.560	34.240	2.570	34.410	2.580	34.580	2.590	34.750	2.600	34.920	2.610	35.090	2.620	35.260	2.630
34	2.640	35.430	2.650	35.600	2.660	35.770	2.670	35.940	2.680	36.110	2.690	36.280	2.700	36.450	2.710
35	2.720	36.620	2.730	36.790	2.740	36.960	2.750	37.130	2.760	37.300	2.770	37.470	2.780	37.640	2.790
36	2.800	37.810	2.810	37.980	2.820	38.150	2.830	38.320	2.840	38.490	2.850	38.660	2.860	38.830	2.870
37	2.880	39.000	2.890	39.170	2.900	39.340	2.910	39.510	2.920	39.680	2.930	39.850	2.940	40.020	2.950
38	2.960	40.190	2.970	40.360	2.980	40.530	2.990	40.700	3.000	40.870	3.010	41.040	3.020	41.210	3.030
39	3.040	41.380	3.050	41.550	3.060	41.720	3.070	41.890	3.080	42.060	3.090	42.230	3.100	42.400	3.110
40	3.120	42.570	3.130	42.740	3.140	42.910	3.150	43.080	3.160	43.250	3.170	43.420	3.180	43.590	3.190
41	3.200	43.760	3.210	43.930	3.220	44.100	3.230	44.270	3.240	44.440	3.250	44.610	3.260	44.780	3.270
42	3.280	44.950	3.290	45.120	3.300	45.290	3.310	45.460	3.320	45.630	3.330	45.800	3.340	45.970	3.350
43	3.360	46.140	3.370	46.310	3.380	46.480	3.390	46.650	3.400	46.820	3.410	46.990	3.420	47.160	3.430
44	3.440	47.330	3.450	47.500	3.460	47.670	3.470	47.840	3.480	48.010	3.490	48.180	3.500	48.350	3.510
45	3.520	48.540	3.530	48.710	3.540	48.880	3.550	49.050	3.560	49.220	3.570	49.390	3.580	49.560	3.590
46	3.600	49.730	3.610	49.900	3.620	50.070	3.630	50.240	3.640	50.410	3.650	50.580	3.660	50.750	3.670
47	3.680	50.920	3.690	51.090	3.700	51.260	3.710	51.430	3.720	51.600	3.730	51.770	3.740	51.940	3.750
48	3.760	52.110	3.770	52.280	3.780	52.450	3.790	52.620	3.800	52.790	3.810	52.960	3.820	53.130	3.830
49	3.840	53.300	3.850	53.470	3.860	53.640	3.870	53.810	3.880	53.980	3.890	54.150	3.900	54.320	3.910
50	3.920	54.490	3.930	54.660	3.940	54.830	3.950	55.000	3.960	55.170	3.970	55.340	3.980	55.510	3.990
51	4.000	55.680	4.010	55.850	4.020	56.020	4.030	56.190	4.040	56.360	4.050	56.530	4.060	56.700	4.070
52	4.080	56.870	4.090	57.040	4.100	57.210	4.110	57.380	4.120	57.550	4.130	57.720	4.140	57.890	4.150
53	4.160	58.060	4.170	58.230	4.180	58.400	4.190	58.570	4.200	58.740	4.210	58.910	4.220	59.080	4.230
54	4.240	59.250	4.250	59.420	4.260	59.590	4.270	59.760	4.280	59.930	4.290	60.100	4.300	60.270	4.310
55	4.320	60.440	4.330	60.610	4.340	60.780	4.350	60.950	4.360	61.120	4.370	61.290	4.380	61.460	4.390
56	4.400	61.630	4.410	61.800	4.420	61.970	4.430	62.140	4.440	62.310	4.450	62.480	4.460	62.650	4.470
57	4.480	62.820	4.490	62.990	4.500	63.160	4.510	63.330	4.520	63.500	4.530	63.670	4.540	63.840	4.550
58	4.560	64.010	4.570	64.180	4.580	64.350	4.590	64.520	4.600	64.690	4.610	64.860	4.620	65.030	4.630
59	4.640	65.200	4.650	65.370	4.660	65.540	4.670	65.710	4.680	65.880	4.690	66.050	4.700	66.220	4.710
60	4.720	66.390	4.730	66.560	4.740	66.730	4.750	66.900	4.760	67.070	4.770	67.240	4.780	67.410	4.790
61	4.800	67.580	4.810	67.750	4.820	67.920	4.830	68.090	4.840	68.260	4.850	68.430	4.860	68.600	4.870
62	4.880	68.770	4.890	68.940	4.900	69.110	4.910	69.280	4.920	69.450	4.930	69.620	4.940	69.790	4.950
63	4.960	69.960	4.970	70.130	4.980	70.300	4.990	70.470	5.000	70.640	5.010	70.810	5.020	70.980	5.030
64	5.040	71.150	5.050	71.320	5.060	71.490	5.070	71.660	5.080	71.830	5.090	72.000	5.100	72.170	5.110
65	5.120	72.340	5.130	72.510	5.140	72.680	5.150	72.850	5.160	73.020	5.170	73.190	5.180	73.360	5.190
66	5.200	73.530	5.210	73.700	5.220	73.870	5.230	74.040	5.240	74.210	5.250	74.380	5.260	74.550	5.270
67	5.280	74.720	5.290	74.890	5.300	75.060	5.310	75.230	5.320	75.400	5.330	75.570	5.340	75.740	5.350
68	5.360	75.910	5.370	76.080	5.380	76.250	5.390	76.420	5.400	76.590	5.410	76.760	5.420	76.930	5.430
69	5.440	77.100	5.450	77.270	5.460	77.440	5.470	77.610	5.480	77.780	5.490	77.950	5.500	78.120	5.510
70	5.520	78.290	5.530	78.460	5.540	78.630	5.550	78.800	5.560	78.970	5.570	79.140	5.580	79.310	5.590
71	5.600	79.480	5.610	79.650	5.620	79.820	5.630	79.990	5.640	80.160	5.650	80.330	5.660	80.500	5.670
72	5.680	80.670	5.690	80.840	5.700	81.010	5.710	81.180	5.720	81.350	5.730	81.520	5.740	81.690	5.750
73	5.760	81.860	5.770	82.030	5.780	82.200	5.790	82.370	5						

Digitized Accelerogram of Earthquake Record with Index Number E-21 (5-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-0.200	0.01	-3.216	0.02	-0.579	0.03	0.608	0.04	0.883	0.05	1.426	0.06	2.684	0.07	3.974
2	0.08	4.290	0.09	3.366	0.10	1.894	0.11	0.822	0.12	0.557	0.13	0.857	0.14	1.306	0.15	1.697
3	0.16	1.966	0.17	1.912	0.18	1.229	0.19	-0.126	0.20	-1.655	0.21	-2.544	0.22	-2.255	0.23	-0.964
4	0.24	0.525	0.25	1.303	0.26	0.993	0.27	-0.466	0.28	-2.184	0.29	-3.432	0.30	-3.607	0.31	-3.424
5	0.32	-2.783	0.33	-2.352	0.34	-2.232	0.35	-2.203	0.36	-2.101	0.37	-2.098	0.38	-2.511	0.39	-3.306
6	0.40	-3.881	0.41	-3.474	0.42	-1.890	0.43	0.205	0.44	1.784	0.45	2.296	0.46	2.035	0.47	1.717
7	0.48	1.785	0.49	2.149	0.50	2.523	0.51	2.657	0.52	3.310	0.53	3.875	0.54	4.181	0.55	3.808
8	0.56	2.757	0.57	1.534	0.58	0.687	0.59	0.308	0.60	0.831	0.61	-0.464	0.62	-0.990	0.63	-0.931
9	0.64	0.197	0.65	2.223	0.66	4.275	0.67	5.271	0.68	4.586	0.69	2.489	0.70	0.045	0.71	-1.521
10	0.72	-1.644	0.73	-0.634	0.74	-0.249	0.75	-0.660	0.76	-1.697	0.77	-2.165	0.78	-1.299	0.79	0.280
11	0.80	0.015	0.81	-0.937	0.82	-4.377	0.83	-7.267	0.84	-7.467	0.85	-4.695	0.86	-0.732	0.87	2.053
12	0.88	2.485	0.89	1.169	0.90	-0.408	0.91	-1.224	0.92	-1.306	0.93	-1.252	0.94	-1.478	0.95	-1.783
13	0.96	-1.790	0.97	-1.387	0.98	-0.844	0.99	-0.454	1.00	-0.133	1.01	0.385	1.02	2.086	1.03	4.174
14	1.04	6.022	1.05	6.722	1.06	6.038	1.07	4.667	1.08	3.720	1.09	3.810	1.10	4.562	1.11	5.018
15	1.12	4.566	1.13	3.511	1.14	2.762	1.15	2.947	1.16	3.627	1.17	4.520	1.18	4.282	1.19	3.690
16	1.20	1.582	1.21	0.517	1.22	0.252	1.23	0.577	1.24	0.925	1.25	0.749	1.26	-0.678	1.27	-1.098
17	1.28	-1.540	1.29	-0.975	1.30	0.135	1.31	0.887	1.32	-0.651	1.33	-3.447	1.34	-1.497	1.35	-8.096
18	1.36	-7.567	1.37	-5.669	1.38	-3.633	1.39	-2.311	1.40	-1.487	1.41	-0.400	1.42	1.412	1.43	3.653
19	1.44	5.430	1.45	5.754	1.46	4.001	1.47	0.248	1.48	-4.572	1.49	-8.886	1.50	-11.197	1.51	-10.985
20	1.52	-9.072	1.53	-7.014	1.54	-5.895	1.55	-5.549	1.56	-4.670	1.57	-2.684	1.58	0.512	1.59	4.401
21	1.60	7.721	1.61	9.736	1.62	10.155	1.63	6.996	1.64	6.622	1.65	3.881	1.66	1.905	1.67	1.425
22	1.68	2.103	1.69	2.650	1.70	1.637	1.71	-0.385	1.72	-2.707	1.73	-3.500	1.74	-2.200	1.75	0.189
23	1.76	1.931	1.77	2.003	1.78	0.870	1.79	-0.071	1.80	0.207	1.81	1.506	1.82	2.758	1.83	3.151
24	1.84	2.880	1.85	2.797	1.86	3.343	1.87	3.915	1.88	3.367	1.89	1.231	1.90	-1.572	1.91	-3.301
25	1.92	-2.797	1.93	-0.444	1.94	2.165	1.95	3.503	1.96	3.187	1.97	1.979	1.98	1.038	1.99	0.922
26	2.00	1.450	2.01	1.984	2.02	1.788	2.03	0.725	2.04	-2.453	2.05	-5.746	2.06	-1.394	2.07	-7.612
27	2.08	-4.171	2.09	0.962	2.10	5.257	2.11	6.641	2.12	4.879	2.13	1.586	2.14	-1.093	2.15	-1.697
28	2.16	-1.462	2.17	-0.746	2.18	-0.704	2.19	-1.376	2.20	-2.117	2.21	-2.307	2.22	-1.885	2.23	-1.370
29	2.24	-1.414	2.25	-2.259	2.26	-3.518	2.27	-4.498	2.28	-4.856	2.29	-4.958	2.30	-5.451	2.31	-6.333
30	2.32	-6.471	2.33	-4.344	2.34	0.446	2.35	3.346	2.36	10.776	2.37	12.154	2.38	11.114	2.39	9.653
31	2.40	9.044	2.41	8.715	2.42	7.260	2.43	4.407	2.44	1.626	2.45	0.565	2.46	1.027	2.47	0.863
32	2.48	-1.866	2.49	-0.685	2.50	-10.887	2.51	-12.001	2.52	-9.992	2.53	-6.974	2.54	-4.927	2.55	-3.980
33	2.56	-2.974	2.57	-1.338	2.58	0.088	2.59	0.225	2.60	-0.576	2.61	-0.513	2.62	1.816	2.63	5.674
34	2.64	8.524	2.65	6.241	2.66	4.990	2.67	1.026	2.68	-1.276	2.69	-1.182	2.70	0.256	2.71	1.450
35	2.72	1.551	2.73	0.176	2.74	0.176	2.75	0.508	2.76	2.217	2.77	4.945	2.78	7.613	2.79	8.896
36	2.80	8.019	2.81	5.372	2.82	2.347	2.83	0.436	2.84	0.256	2.85	1.263	2.86	2.313	2.87	2.534
37	2.88	1.845	2.89	0.814	2.90	0.087	2.91	-0.144	2.92	-0.254	2.93	-0.824	2.94	-2.036	2.95	-3.631
38	2.96	-4.646	2.97	-4.528	2.98	-3.336	2.99	-1.703	3.00	-0.305	3.01	0.595	3.02	1.156	3.03	1.570
39	3.04	1.884	3.05	1.915	3.06	1.476	3.07	0.492	3.08	-0.939	3.09	-2.468	3.10	-3.474	3.11	-3.328
40	3.12	-1.884	3.13	0.273	3.14	2.229	3.15	3.518	3.16	4.422	3.17	5.316	3.18	5.689	3.19	4.083
41	3.20	-0.619	3.21	-7.630	3.22	-14.115	3.23	-16.942	3.24	-14.953	3.25	-9.771	3.26	-4.442	3.27	-1.173
42	3.28	-0.055	3.29	0.373	3.30	1.556	3.31	3.723	3.32	5.880	3.33	6.570	3.34	5.107	3.35	1.948
43	3.36	-1.382	3.37	-3.203	3.38	-2.797	3.39	-0.942	3.40	0.691	3.41	0.921	3.42	0.030	3.43	-0.593
44	3.44	0.150	3.45	2.059	3.46	3.618	3.47	4.347	3.48	3.689	3.49	2.708	3.50	2.580	3.51	3.260
45	3.52	4.520	3.53	5.683	3.54	6.777	3.55	6.420	3.56	4.154	3.57	0.242	3.58	-3.750	3.59	-5.615
46	3.60	-5.135	3.61	-2.912	3.62	-1.359	3.63	-1.627	3.64	-2.666	3.65	-2.244	3.66	0.782	3.67	5.152
47	3.68	8.150	3.69	7.916	3.70	4.946	3.71	1.504	3.72	-0.359	3.73	-0.283	3.74	0.592	3.75	0.970
48	3.76	0.489	3.77	-0.327	3.78	-0.679	3.79	-1.093	3.80	-1.288	3.81	-1.678	3.82	-2.141	3.83	-2.464
49	3.84	-2.680	3.85	-3.052	3.86	-3.724	3.87	-4.463	3.88	-4.781	3.89	-4.335	3.90	-3.194	3.91	-1.744
50	3.92	-0.390	3.93	0.623	3.94	1.184	3.95	1.219	3.96	0.698	3.97	-0.283	3.98	-1.509	3.99	-2.753
51	4.00	-3.844	4.01	-4.583	4.02	-6.559	4.03	-6.798	4.04	-2.115	4.05	-0.287	4.06	0.806	4.07	0.779
52	4.08	0.141	4.09	-0.097	4.10	0.641	4.11	1.907	4.12	2.587	4.13	1.918	4.14	0.199	4.15	-1.489
53	4.16	-2.258	4.17	-2.122	4.18	-1.600	4.19	-1.902	4.20	-2.340	4.21	-2.515	4.22	-1.977	4.23	-0.854
54	4.24	0.314	4.25	1.050	4.26	1.201	4.27	0.835	4.28	0.054	4.29	-0.974	4.30	-1.868	4.31	-2.117
55	4.32	-1.463	4.33	-0.225	4.34	0.674	4.35	1.335	4.36	1.357	4.37	1.650	4.38	2.678	4.39	4.118
56	4.40	5.090	4.41	4.999	4.42	4.122	4.43	3.348	4.44	3.318	4.45	3.044	4.46	4.180	4.47	3.823
57	4.48	2.990	4.49	2.314	4.50	2.141	4.51	2.241	4.52	2.208	4.53	2.064	4.54	2.308	4.55	3.318
58	4.56	4.749	4.57	5.629	4.58	5.115	4.59	3.195	4.60	0.665	4.61	-1.543	4.62	-2.989	4.63	-3.757
59	4.64	-4.022	4.65	-3.722	4.66	-2.697	4.67	-1.073	4.68	0.591	4.69	1.609	4.70	1.617	4.71	0.772
60	4.72	-0.465	4.73	-1.670	4.74	-2.623	4.75	-3.242	4.76	-3.451	4.77	-3.187	4.78	-2.503	4.79	-1.624
61	4.80	-0.868	4.81	-0.487	4.82	-0.562	4.83	-1.004	4.84	-1.642	4.85	-2.301	4.86	-2.885	4.87	-3.283
62	4.88	-3.548	4.89	-3.656	4.90	-3.589	4.91	-3.350	4.92	-3.013	4.93	-2.725	4.94	-2.615	4.95	-2.687
63	4.96	-2.905	4.97	-2.812	4.98	-2.638	4.99	-2.528	5.00	-2.352	5.01	-2.574	5.02	-2.574	5.03	-2.280
64	5.04	-1.727	5.05	-1.172	5.06	-0.879	5.07	-0.838	5.08	-0.698	5.09	-0.611	5.10	-0.773	5.11	-3.106
65	5.12	4.500	5.13	4.970	5.14	4.413	5.15	3.271	5.16	2.215	5.17	1.702	5.18	1.173	5.19	1.855
66	5.20	1.763	5.21	1.325	5.22	0.818	5.23	0.595	5.24	0.773	5.25	1.128	5.26	1.287	5.27	1.035
67	5.28	0.452	5.29	-0.235	5.30	-0.910	5.31	-1.660	5.32	-2.577	5.33	-3.470	5.34	-3.817	5.35	-3.091
68	5.36	-1.227	5.37	1.195	5.38	3.258	5.39	4.286	5.40	4.213	5.41	3.464	5.42	2.523	5.43	1.622
69	5.44	0.840	5.45	0.386	5.46	0.630	5.47	1.736	5.48	3.247	5.49	4.175	5.50	3.719	5.51	2.024
70	5.52	0.211	5.53	-0.493	5.54	-0.176	5.55	1.245	5.56	1.342	5.57	-0.080	5.58	-2.244	5.59	-3.722
71	5.60	-3.649	5.61	-2.365	5.62	-0.996	5.63	-0.455	5.64	-0.799	5.65	-1.416	5.66	-1.688	5.67	-1.458
72	5.68	-0.987	5.69	-0.618	5.70	-0.542	5.71	-0.781	5.72	-1.248	5.73	-1.779	5.74	-2.186	5.75	-2.396
73	5.76	-2.559	5.77	-2.934	5.78	-3.586	5.79	-4.203	5.80	-4.261	5.81	-3.491	5.82	-2.166	5.83	-0.952
74	5.84	-0.428	5.85	-0.114	5.86	-1.465	5.87	-2.137	5.88	-2.264	5.89	-1.620	5.90	-0.314	5.91	1.185
75	5.92	2.223	5.9													

Digitized Accelerogram of Earthquake Record with Index Number E-22 (6-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	0.700	0.00	1.200	0.01	1.600	0.01	1.700	0.02	1.600	0.02	0.900	0.03	-0.100	0.03	-0.500
2	0.04	-1.000	0.04	-1.200	0.05	-1.800	0.05	-0.700	0.06	-0.700	0.06	-0.800	0.07	-0.700	0.07	-0.400
3	0.08	-0.100	0.08	-0.400	0.09	-0.800	0.09	-0.700	0.10	-0.500	0.10	-0.300	0.11	-0.300	0.11	-0.300
4	0.12	-0.100	0.12	0.0	0.13	-0.400	0.13	-0.500	0.14	-0.600	0.14	-0.200	0.15	0.0	0.15	0.0
5	0.16	0.16	0.200	0.17	0.100	0.17	0.100	0.18	0.0	0.18	0.0	0.0	0.19	0.200	0.19	0.400
6	0.24	-0.200	0.24	-0.200	0.25	-0.200	0.25	-0.300	0.26	-0.100	0.22	-0.300	0.23	-0.300	0.23	-0.200
7	0.28	0.100	0.28	0.200	0.29	0.300	0.29	0.200	0.30	0.200	0.30	-0.200	0.27	0.0	0.27	0.0
8	0.32	-0.200	0.32	-0.200	0.33	-0.200	0.33	-0.200	0.34	-0.100	0.34	0.0	0.35	0.100	0.31	-0.100
9	0.36	0.200	0.36	0.100	0.37	0.0	0.37	-0.100	0.38	-0.100	0.39	-0.100	0.39	0.0	0.39	0.100
10	0.40	0.200	0.40	0.200	0.41	0.200	0.41	0.200	0.42	0.200	0.42	0.200	0.43	0.200	0.43	0.100
11	0.44	0.200	0.44	0.200	0.45	0.200	0.45	0.400	0.46	0.500	0.46	0.600	0.47	0.600	0.47	0.600
12	0.48	0.400	0.48	0.500	0.49	0.400	0.49	0.700	0.50	0.600	0.50	0.400	0.51	0.100	0.51	-0.100
13	0.52	-0.300	0.52	-0.500	0.53	-0.400	0.53	-0.400	0.54	-0.300	0.54	-0.200	0.55	-0.100	0.55	-0.100
14	0.56	-0.100	0.56	-0.200	0.57	-0.100	0.57	-0.100	0.58	-0.100	0.58	-0.200	0.59	-0.300	0.59	-0.400
15	0.60	-0.900	0.60	-1.200	0.61	-1.400	0.61	-1.500	0.62	-1.100	0.62	-1.100	0.63	-0.900	0.63	-0.800
16	0.64	-0.800	0.64	-0.700	0.65	-0.600	0.65	-0.500	0.66	0.0	0.66	0.0	0.67	-0.200	0.67	-0.400
17	0.68	-0.700	0.68	-0.800	0.69	-0.900	0.69	-1.100	0.70	-1.200	0.70	-1.200	0.71	-1.300	0.71	-1.000
18	0.72	-0.600	0.72	-0.700	0.73	-0.500	0.73	0.0	0.74	0.200	0.74	0.300	0.75	0.400	0.75	0.700
19	0.76	0.800	0.76	0.800	0.77	0.500	0.77	0.200	0.78	0.100	0.78	-0.200	0.79	-0.300	0.79	-0.500
20	0.80	-0.500	0.80	-0.300	0.81	-0.300	0.81	-0.300	0.82	-0.200	0.82	-0.100	0.83	0.0	0.83	0.400
21	0.84	0.500	0.84	0.500	0.85	0.300	0.85	0.300	0.86	0.600	0.86	0.700	0.87	0.700	0.87	0.700
22	0.88	0.500	0.88	0.400	0.89	0.400	0.89	0.500	0.90	0.800	0.90	0.900	0.91	0.900	0.91	0.900
23	0.92	0.900	0.92	1.200	0.93	1.200	0.93	1.400	0.94	1.200	0.94	0.800	0.95	0.300	0.95	0.0
24	0.96	-0.200	0.96	-0.300	0.97	-0.400	0.97	-0.400	0.98	-0.400	0.98	0.0	0.99	0.100	0.99	0.200
25	1.00	0.200	1.00	0.200	1.01	0.200	1.01	0.200	1.02	0.100	1.02	0.0	1.03	0.0	1.03	0.100
26	1.04	0.0	1.04	-0.100	1.05	-0.300	1.05	-0.700	1.06	-1.000	1.06	-1.100	1.07	-1.000	1.07	-0.600
27	1.08	-0.400	1.08	-0.200	1.09	0.100	1.09	0.300	1.10	0.500	1.10	0.600	1.11	0.600	1.11	0.600
28	1.12	-0.400	1.12	-0.100	1.13	-0.100	1.13	-0.200	1.14	-0.300	1.14	-0.300	1.15	-0.400	1.15	-0.500
29	1.16	-0.600	1.16	-0.800	1.17	-0.900	1.17	-0.800	1.18	-0.400	1.18	-0.400	1.19	0.0	1.19	0.200
30	1.20	0.100	1.20	0.0	1.21	-0.200	1.21	-0.400	1.22	-0.600	1.22	-0.800	1.23	-0.900	1.23	-0.600
31	1.24	-0.600	1.24	-0.800	1.25	-1.000	1.25	-0.800	1.26	-0.800	1.26	-0.700	1.27	-0.700	1.27	-0.800
32	1.28	-0.900	1.28	-0.900	1.29	-1.000	1.29	-0.800	1.30	-0.700	1.30	-0.700	1.31	-0.700	1.31	-0.500
33	1.32	-0.200	1.32	0.100	1.33	0.200	1.33	0.100	1.34	-0.100	1.34	-0.200	1.35	-0.200	1.35	-0.200
34	1.36	-0.100	1.36	0.200	1.37	0.400	1.37	0.400	1.38	0.400	1.38	0.200	1.39	0.200	1.39	0.300
35	1.40	0.100	1.40	-0.200	1.41	-0.300	1.41	-0.400	1.42	-0.200	1.42	0.100	1.43	0.400	1.43	0.800
36	1.44	1.100	1.44	0.900	1.45	0.800	1.45	0.800	1.46	0.900	1.46	1.100	1.47	1.200	1.47	1.100
37	1.48	0.800	1.48	0.600	1.49	0.600	1.49	0.600	1.50	0.700	1.50	0.600	1.51	0.500	1.51	0.300
38	1.52	0.300	1.52	0.300	1.53	0.200	1.53	0.200	1.54	0.100	1.54	-0.100	1.55	-0.200	1.55	-0.100
39	1.56	0.100	1.56	0.100	1.57	0.0	1.57	-0.100	1.58	-0.200	1.58	-0.200	1.59	-0.200	1.59	-0.100
40	1.60	0.200	1.60	0.400	1.61	0.500	1.61	0.500	1.62	0.400	1.62	0.300	1.63	0.200	1.63	-0.100
41	1.64	-0.900	1.64	-1.300	1.65	-1.500	1.65	-1.500	1.66	-1.400	1.66	-1.000	1.67	-0.600	1.67	0.0
42	1.68	0.200	1.68	0.200	1.69	0.0	1.69	-0.200	1.70	-0.700	1.70	-1.100	1.71	-1.000	1.71	-0.900
43	1.72	-0.900	1.72	-0.900	1.73	-1.000	1.73	-1.000	1.74	-0.700	1.74	-0.700	1.75	-0.500	1.75	-0.400
44	1.76	-0.200	1.76	0.100	1.77	0.100	1.77	-0.100	1.78	-0.300	1.78	-0.400	1.79	-0.500	1.79	-0.200
45	1.80	-0.100	1.80	0.0	1.81	0.100	1.81	0.0	1.82	-0.100	1.82	-0.200	1.83	-0.400	1.83	-0.500
46	1.84	-0.500	1.84	-0.400	1.85	-0.200	1.85	0.200	1.86	0.700	1.86	1.000	1.87	1.100	1.87	1.100
47	1.88	1.000	1.88	0.900	1.89	0.600	1.89	0.0	1.90	-0.800	1.90	-1.000	1.91	-0.700	1.91	-0.600
48	1.92	-0.600	1.92	-0.500	1.93	-0.100	1.93	0.200	1.94	0.200	1.94	0.200	1.95	0.200	1.95	0.200
49	1.96	0.100	1.96	-0.200	1.97	-0.400	1.97	-0.400	1.98	-0.400	1.98	-0.400	1.99	-0.400	1.99	-0.200
50	2.00	0.200	2.00	0.100	2.01	0.0	2.01	0.600	2.02	0.700	2.02	0.600	2.03	0.500	2.03	0.400
51	2.04	-0.200	2.04	-0.100	2.05	-0.100	2.05	-0.400	2.06	-0.400	2.06	-0.300	2.07	-0.200	2.07	-0.300
52	2.08	0.100	2.08	0.100	2.09	0.200	2.09	0.200	2.10	0.500	2.10	0.600	2.11	0.600	2.11	0.400
53	2.12	-0.400	2.12	-0.200	2.13	-0.200	2.13	-0.200	2.14	-0.200	2.14	-0.500	2.15	-0.700	2.15	-1.100
54	2.16	-1.400	2.16	-1.600	2.17	-1.600	2.17	-1.100	2.18	-0.600	2.18	-0.200	2.19	-0.200	2.19	-0.300
55	2.20	-0.100	2.20	-0.500	2.21	-0.700	2.21	-0.800	2.22	-0.800	2.22	-0.500	2.23	-0.400	2.23	-0.300
56	2.24	-0.300	2.24	-0.200	2.25	-0.200	2.25	0.0	2.26	0.100	2.26	-0.100	2.27	-0.300	2.27	-0.400
57	2.28	-0.400	2.28	-0.400	2.29	-0.400	2.29	-0.400	2.30	-0.300	2.30	-0.300	2.31	0.0	2.31	-0.100
58	2.32	-0.200	2.32	-0.100	2.33	0.200	2.33	0.300	2.34	0.200	2.34	0.0	2.35	-0.100	2.35	0.100
59	2.36	0.300	2.36	0.100	2.37	-0.200	2.37	-0.400	2.38	-0.400	2.38	-0.200	2.39	-0.200	2.39	-0.300
60	2.40	-0.100	2.40	-0.200	2.41	-0.300	2.41	-0.400	2.42	-0.100	2.42	0.0	2.43	0.100	2.43	0.100
61	2.44	0.100	2.44	0.300	2.45	0.300	2.45	0.200	2.46	0.100	2.46	-0.100	2.47	-0.100	2.47	0.0
62	2.48	0.0	2.48	0.0	2.49	0.100	2.49	0.200	2.50	0.500	2.50	0.600	2.51	0.600	2.51	0.300
63	2.52	0.300	2.52	0.400	2.53	0.400	2.53	0.300	2.54	0.300	2.54	0.300	2.55	0.400	2.55	0.500
64	2.56	0.800	2.56	0.800	2.57	0.900	2.57	0.900	2.58	1.000	2.58	0.900	2.59	0.900	2.59	0.800
65	2.60	0.700	2.60	0.500	2.61	0.300	2.61	0.0	2.62	0.0	2.62	0.100	2.63	0.300	2.63	0.200
66	2.64	0.0	2.64	-0.400	2.65	-0.500	2.65	-0.600	2.66	-0.600	2.66	-0.600	2.67	-0.600	2.67	-0.600
67	2.68	-0.700	2.68	-0.900	2.69	-1.100	2.69	-1.400	2.70	-1.700	2.70	-2.100	2.71	-2.400	2.71	-2.500
68	2.72	-2.500	2.72	-2.400	2.73	-1.700	2.73	-1.400	2.74	-1.300	2.74	-1.300	2.75	-1.300	2.75	-1.200
69	2.76	-0.700	2.76	-0.600	2.77	-0.400	2.77	-0.200	2.78	0.0	2.78	0.0	2.79	0.0	2.79	-0.100
70	2.80	-0.100	2.80	-0.100	2.81	0.200	2.81	0.600	2.82	0.800	2.82	0.600	2.83	0.500	2.83	0.400
71	2.84	0.300	2.84	0.300	2.85	0.500	2.85	0.600	2.86	0.800	2.86	1.200	2.87	1.300	2.87	1.400
72	2.88	1.200	2.88	0.900	2.89	0.600	2.89	0.500	2.90	0.400	2.90	0.400	2.91	0.400	2.91	0.400
73	2.92	0.700	2.92	1.000	2.93	1.100	2.93	1.200	2.94	1.200	2.94	1.100	2.95	0.900	2.95	0.800
74	2.96	0.200	2.96	0.200	2.97	0.200	2.97	0.300	2.98	0.300	2.98	0.300	2.99	0.300	2.99	0.300
75	3.00	0.200	3.00	0.0	3.01	-0.100	3.01	-0.200	3.02	-0.300	3.02	-0.300	3.03</			

127	5.04	-0.400	5.04	-0.300	5.05	-0.100	5.05	0.0	5.06	0.100	5.06	-0.100	5.07	-0.200	5.07	-0.300
128	5.08	-0.200	5.08	-0.200	5.09	0.100	5.09	0.200	5.10	0.0	5.10	-0.200	5.11	-0.200	5.11	-0.300
129	5.12	-0.300	5.12	-0.200	5.13	-0.200	5.13	-0.200	5.14	-0.200	5.14	0.100	5.15	0.400	5.15	0.800
130	5.16	1.200	5.16	1.400	5.17	1.500	5.17	1.600	5.18	1.600	5.18	1.500	5.19	1.400	5.19	1.600
131	5.20	1.800	5.20	1.600	5.21	1.200	5.21	0.900	5.22	1.400	5.22	1.300	5.23	1.400	5.23	0.900
132	5.24	0.700	5.24	0.700	5.25	1.000	5.25	1.100	5.26	1.000	5.26	1.600	5.27	1.600	5.27	2.000
133	5.28	2.000	5.28	2.200	5.29	2.400	5.29	2.700	5.30	2.800	5.30	2.300	5.31	2.400	5.31	3.300
134	5.32	3.100	5.32	3.400	5.33	3.900	5.33	4.500	5.34	5.000	5.34	5.300	5.35	5.000	5.35	5.900
135	5.36	5.500	5.36	5.300	5.37	5.300	5.37	5.600	5.38	6.000	5.38	6.100	5.39	6.100	5.39	5.900
136	5.40	5.900	5.40	5.800	5.41	5.700	5.41	5.600	5.42	5.400	5.42	5.200	5.43	5.100	5.43	4.800
137	5.44	4.300	5.44	3.700	5.45	3.100	5.45	2.400	5.46	1.600	5.46	1.000	5.47	0.300	5.47	-0.700
138	5.48	-1.200	5.48	-2.200	5.49	-2.600	5.49	-3.400	5.50	-4.100	5.50	-5.600	5.51	-6.300	5.51	-8.200
139	5.52	-8.800	5.52	-9.400	5.53	-9.800	5.53	-10.300	5.54	-11.300	5.54	-11.900	5.55	-13.500	5.55	-14.800
140	5.56	-15.200	5.56	-15.400	5.57	-15.700	5.57	-15.900	5.58	-16.100	5.58	-16.200	5.59	-16.300	5.59	-15.700
141	5.60	-14.400	5.60	-14.100	5.61	-13.800	5.61	-13.000	5.62	-12.200	5.62	-11.500	5.63	-10.800	5.63	-8.800
142	5.64	-7.500	5.64	-6.600	5.65	-5.900	5.65	-5.300	5.66	-4.600	5.66	-3.900	5.67	-3.200	5.67	-1.200
143	5.68	-0.200	5.68	0.600	5.69	1.800	5.69	2.800	5.70	3.800	5.70	5.200	5.71	6.100	5.71	6.700
144	5.72	6.100	5.72	8.100	5.73	8.100	5.73	7.900	5.74	7.800	5.74	6.700	5.75	6.000	5.75	10.400
145	5.76	11.300	5.76	12.900	5.77	14.500	5.77	15.700	5.78	15.700	5.78	15.700	5.79	15.700	5.79	14.500
146	5.80	12.900	5.80	11.300	5.81	8.100	5.81	5.300	5.82	3.300	5.82	1.300	5.83	-3.500	5.83	-4.700
147	5.84	-5.500	5.84	-6.700	5.85	-7.500	5.85	-8.300	5.86	-9.000	5.86	-10.700	5.87	-11.500	5.87	-11.500
148	5.88	-11.900	5.88	-11.500	5.89	-11.100	5.89	-10.700	5.90	-10.300	5.90	-9.900	5.91	-9.500	5.91	-8.700
149	5.92	-8.300	5.92	-6.300	5.93	-4.100	5.93	-2.900	5.94	-1.700	5.94	-0.500	5.95	-0.700	5.95	-2.300
150	5.96	5.100	5.96	4.100	5.97	4.100	5.97	5.900	5.98	6.900	5.98	7.300	5.99	7.300	5.99	7.700
151	6.00	7.300	6.00	7.300	6.01	6.900	6.01	6.900	6.02	6.900	6.02	6.100	6.03	6.900	6.03	4.500
152	6.04	1.700	6.04	0.100	6.05	-2.700	6.05	-4.700	6.06	-7.100	6.06	-9.500	6.07	-11.900	6.07	-9.500
153	6.08	-10.300	6.08	-9.900	6.09	-9.700	6.09	-9.100	6.10	-8.500	6.10	-7.900	6.11	-7.300	6.11	-2.900
154	6.12	3.700	6.12	5.700	6.13	7.300	6.13	9.300	6.14	10.900	6.14	12.500	6.15	13.300	6.15	14.100
155	6.16	13.700	6.16	12.900	6.17	12.100	6.17	12.100	6.18	12.100	6.18	11.700	6.19	11.700	6.19	9.700
156	6.20	8.100	6.20	4.100	6.21	2.500	6.21	2.500	6.22	3.300	6.22	4.900	6.23	6.900	6.23	6.900
157	6.24	10.500	6.24	10.900	6.25	11.300	6.25	10.900	6.26	9.300	6.26	8.500	6.27	6.900	6.27	5.300
158	6.28	4.300	6.28	4.500	6.29	2.500	6.29	2.100	6.30	2.100	6.30	2.500	6.31	3.300	6.31	3.300
159	6.32	3.300	6.32	3.300	6.33	1.300	6.33	-1.100	6.34	-2.700	6.34	-3.500	6.35	-3.900	6.35	-3.900
160	6.36	-4.300	6.36	-4.700	6.37	-5.900	6.37	-7.100	6.38	-7.900	6.38	-8.300	6.39	-7.900	6.39	-7.100
161	6.40	-6.700	6.40	-6.700	6.41	-7.100	6.41	-7.100	6.42	-7.100	6.42	-6.300	6.43	-5.300	6.43	-5.300
162	6.44	-6.300	6.44	-7.500	6.45	-8.700	6.45	-9.500	6.46	-9.500	6.46	-9.500	6.47	-9.500	6.47	-9.500
163	6.48	-9.900	6.48	-10.300	6.49	-11.100	6.49	-12.300	6.50	-12.700	6.50	-13.100	6.51	-12.700	6.51	-11.900
164	6.52	-11.500	6.52	-10.700	6.53	-10.300	6.53	-10.700	6.54	-10.700	6.54	-10.300	6.55	-7.900	6.55	-6.700
165	6.56	-5.100	6.56	-2.700	6.57	-0.700	6.57	2.500	6.58	2.500	6.58	2.500	6.59	2.100	6.59	1.300
166	6.60	0.100	6.60	-1.900	6.61	-2.900	6.61	-3.100	6.62	-1.900	6.62	-0.300	6.63	1.700	6.63	3.300
167	6.64	3.700	6.64	3.300	6.65	2.900	6.65	2.100	6.66	2.100	6.66	4.900	6.67	5.700	6.67	6.100
168	6.68	6.500	6.68	6.500	6.69	7.700	6.69	7.700	6.70	8.500	6.70	8.500	6.71	8.900	6.71	9.700
169	6.72	10.100	6.72	10.500	6.73	10.500	6.73	10.500	6.74	11.300	6.74	12.300	6.75	12.500	6.75	12.100
170	6.76	11.700	6.76	10.900	6.77	11.200	6.77	11.200	6.78	10.800	6.78	9.600	6.79	7.600	6.79	6.000
171	6.80	4.600	6.80	4.400	6.81	3.600	6.81	2.800	6.82	2.400	6.82	2.400	6.83	2.800	6.83	0.800
172	6.84	0.400	6.84	-2.000	6.85	-3.200	6.85	-4.000	6.86	-4.400	6.86	-3.200	6.87	-2.800	6.87	-0.400
173	6.88	0.800	6.88	0.800	6.89	1.200	6.89	2.800	6.90	3.200	6.90	3.200	6.91	3.200	6.91	2.800
174	6.92	2.400	6.92	1.200	6.93	0.400	6.93	-0.800	6.94	-2.000	6.94	-3.200	6.95	-4.400	6.95	-5.200
175	6.96	-6.800	6.96	-7.200	6.97	-7.300	6.97	-6.900	6.98	-5.300	6.98	-4.500	6.99	-6.100	6.99	-3.300
176	7.00	-1.700	7.00	-0.500	7.01	0.300	7.01	1.500	7.02	2.700	7.02	4.300	7.03	5.100	7.03	5.000
177	7.04	3.500	7.04	2.700	7.05	2.300	7.05	1.500	7.06	1.900	7.06	3.100	7.07	2.700	7.07	2.700
178	7.08	2.300	7.08	1.100	7.09	0.700	7.09	0.300	7.10	-0.100	7.10	-0.100	7.11	1.100	7.11	1.500
179	7.12	1.100	7.12	0.300	7.13	0.700	7.13	1.100	7.14	1.100	7.14	1.100	7.15	2.300	7.15	3.100
180	7.16	3.100	7.16	3.400	7.17	4.600	7.17	5.000	7.18	4.200	7.18	2.600	7.19	1.000	7.19	0.800
181	7.20	-0.200	7.20	-1.000	7.21	-2.200	7.21	-3.600	7.22	-4.600	7.22	-5.000	7.23	-4.600	7.23	-3.400
182	7.24	-1.800	7.24	-1.000	7.25	1.000	7.25	1.000	7.26	1.000	7.26	0.600	7.27	-0.200	7.27	-1.400
183	7.28	-1.600	7.28	-2.200	7.29	-2.600	7.29	-3.400	7.30	-3.400	7.30	-3.000	7.31	-2.200	7.31	-1.800
184	7.32	-1.000	7.32	0.600	7.33	1.600	7.33	3.400	7.34	4.200	7.34	4.600	7.35	4.600	7.35	4.200
185	7.36	4.200	7.36	3.300	7.37	2.500	7.37	1.700	7.38	0.900	7.38	-0.700	7.39	-3.500	7.39	-5.100
186	7.40	-6.300	7.40	-5.100	7.41	-8.700	7.41	-9.500	7.42	-9.900	7.42	-9.100	7.43	-7.500	7.43	-6.700
187	7.44	-5.100	7.44	-5.100	7.45	-5.100	7.45	-4.300	7.46	-3.100	7.46	-1.900	7.47	-0.700	7.47	0.100
188	7.48	0.900	7.48	0.900	7.49	1.300	7.49	0.900	7.50	0.900	7.50	0.900	7.51	0.900	7.51	0.900
189	7.52	0.900	7.52	1.300	7.53	2.900	7.53	4.100	7.54	5.700	7.54	5.700	7.55	5.700	7.55	5.300
190	7.56	4.500	7.56	4.000	7.57	3.600	7.57	2.800	7.58	2.400	7.58	0.800	7.59	0.800	7.59	-0.500
191	7.60	-0.800	7.60	-0.400	7.61	0.800	7.61	2.600	7.62	4.000	7.62	4.400	7.63	4.400	7.63	4.000
192	7.64	4.800	7.64	5.600	7.65	7.200	7.65	6.800	7.66	5.600	7.66	5.600	7.67	4.800	7.67	4.400
193	7.68	3.200	7.68	2.400	7.69	1.200	7.69	0.400	7.70	0.0	7.70	0.0	7.71	-0.400	7.71	-0.400
194	7.72	0.0	7.72	0.400	7.73	0.400	7.73	0.400	7.74	0.400	7.74	0.800	7.75	1.200	7.75	2.800
195	7.76	1.600	7.76	0.700	7.77	-0.900	7.77	-2.100	7.78	-2.100	7.78	-2.100	7.79	-2.100	7.79	-2.100
196	7.80	-2.100	7.80	-1.700	7.81	-1.700	7.81	-1.300	7.82	-1.300	7.82	-1.300	7.83	-0.900	7.83	-0.500
197	7.84	0.700	7.84	0.700	7.85	1.500	7.85	2.700	7.86	2.700	7.86	3.100	7.87	3.100	7.87	3.500
198	7.88	3.500	7.88	3.500	7.89	3.500	7.89	2.700	7.90	1.900	7.90	0.700	7.91	0.300	7.91	-1.300
199	7.92	-1.700	7.92	-2.100	7.93	-2.100	7.93	-1.700	7.94	1.500	7.94	1.900	7.95	-0.100	7.95	-0.500
200	7.96	-1.700	7.96	-2.200	7.97	-2.600	7.97	-2.200	7.98	-2.200	7.98	-3.800	7.99	-5.400	7.99	-7.000
201	8.00	-7.800	8.00	-9.000	8.01	-9.400	8.01									

257	10.24	-0.100	10.24	0.300	10.25	-0.100	10.25	0.300	10.26	0.300	10.26	0.700	10.27	1.100	10.27	1.500
258	10.26	-0.100	10.26	1.100	10.29	-0.100	10.29	1.100	10.30	1.100	10.30	1.100	10.31	0.300	10.31	0.700
259	10.32	-0.100	10.32	-0.100	10.33	-0.100	10.33	-0.100	10.34	-0.100	10.34	-0.100	10.35	-0.100	10.35	-0.100
260	10.36	0.200	10.36	0.200	10.37	0.200	10.37	0.200	10.38	0.200	10.38	0.200	10.39	0.200	10.39	0.200
261	10.40	-1.400	10.40	-0.600	10.41	-1.000	10.41	-1.400	10.42	-1.400	10.42	-2.200	10.43	-2.200	10.43	-2.600
262	10.44	-2.600	10.44	-2.600	10.45	-2.600	10.45	-2.600	10.46	-2.600	10.46	-2.600	10.47	-2.600	10.47	-2.600
263	10.48	-1.400	10.48	0.300	10.49	-0.600	10.49	-0.600	10.50	-1.000	10.50	-1.000	10.51	-1.000	10.51	-1.000
264	10.52	-2.200	10.52	-2.600	10.53	-3.400	10.53	-3.400	10.54	-3.400	10.54	-3.400	10.55	-3.400	10.55	-3.400
265	10.56	-1.500	10.56	-0.700	10.57	-0.700	10.57	0.100	10.58	0.100	10.58	0.500	10.59	0.500	10.59	1.300
266	10.60	0.900	10.60	0.500	10.61	0.100	10.61	-0.700	10.62	-0.700	10.62	-1.500	10.63	-2.300	10.63	-2.700
267	10.64	-2.700	10.64	-3.100	10.65	-2.300	10.65	-0.700	10.66	0.900	10.66	1.300	10.67	1.300	10.67	0.900
268	10.68	0.500	10.68	0.900	10.69	0.900	10.69	1.300	10.70	1.700	10.70	1.700	10.71	2.100	10.71	2.100
269	10.72	1.700	10.72	1.700	10.73	1.300	10.73	0.900	10.74	0.500	10.74	0.100	10.75	0.100	10.75	0.0
270	10.76	0.0	10.76	0.400	10.77	1.200	10.77	2.400	10.78	3.200	10.78	3.600	10.79	4.400	10.79	4.400
271	10.80	4.400	10.80	3.600	10.81	2.800	10.81	2.400	10.82	2.400	10.82	2.000	10.83	1.200	10.83	1.200
272	10.84	1.200	10.84	1.200	10.85	0.800	10.85	0.400	10.86	0.400	10.86	0.000	10.87	0.400	10.87	0.0
273	10.88	0.0	10.88	-0.400	10.89	-0.800	10.89	-1.200	10.90	-1.200	10.90	-1.200	10.91	-1.200	10.91	-1.200
274	10.92	-1.200	10.92	-0.800	10.93	-0.800	10.93	-1.200	10.94	-1.200	10.94	-1.200	10.95	-2.000	10.95	-1.700
275	10.96	-1.300	10.96	-1.300	10.97	-0.500	10.97	-0.100	10.98	0.700	10.98	1.500	10.99	1.100	10.99	0.300
276	11.00	-0.500	11.00	-1.300	11.01	-1.700	11.01	-2.900	11.02	-2.900	11.02	-2.900	11.03	-3.300	11.03	-3.300
277	11.04	-3.300	11.04	-3.300	11.05	-3.700	11.05	-3.700	11.06	-3.700	11.06	-3.700	11.07	-3.300	11.07	-2.900
278	11.08	-2.900	11.08	-2.100	11.09	-1.300	11.09	-0.900	11.10	-0.100	11.10	-0.500	11.11	-0.500	11.11	-0.900
279	11.12	-1.300	11.12	-1.300	11.13	-1.300	11.13	-1.700	11.14	-1.700	11.14	-1.700	11.15	-2.200	11.15	-2.200
280	11.16	-1.800	11.16	-1.800	11.17	-1.400	11.17	-1.000	11.18	0.200	11.18	-0.200	11.19	0.200	11.19	0.600
281	11.20	-0.600	11.20	1.000	11.21	0.200	11.21	0.200	11.22	-0.200	11.22	-0.600	11.23	-1.400	11.23	-1.800
282	11.24	-1.400	11.24	-1.400	11.25	-1.000	11.25	-0.600	11.26	0.600	11.26	1.000	11.27	1.000	11.27	1.400
283	11.28	2.600	11.28	2.200	11.29	1.800	11.29	1.000	11.30	0.200	11.30	0.200	11.31	0.600	11.31	0.600
284	11.32	0.600	11.32	0.600	11.33	0.200	11.33	0.200	11.34	0.200	11.34	0.200	11.35	0.600	11.35	0.100
285	11.36	0.100	11.36	0.900	11.37	1.300	11.37	2.100	11.38	2.500	11.38	2.500	11.39	1.700	11.39	1.300
286	11.40	0.900	11.40	0.500	11.41	0.500	11.41	0.500	11.42	0.100	11.42	0.100	11.43	0.100	11.43	0.100
287	11.44	0.100	11.44	0.100	11.45	0.500	11.45	0.500	11.46	0.500	11.46	0.900	11.47	0.900	11.47	0.900
288	11.48	0.900	11.48	0.900	11.49	0.900	11.49	0.900	11.50	0.500	11.50	0.900	11.51	0.900	11.51	0.500
289	11.52	0.500	11.52	0.100	11.53	0.500	11.53	0.500	11.54	0.500	11.54	0.900	11.55	0.800	11.55	1.200
290	11.56	1.200	11.56	1.600	11.57	1.600	11.57	1.600	11.58	1.600	11.58	1.600	11.59	1.600	11.59	1.600
291	11.60	1.200	11.60	0.800	11.61	0.400	11.61	0.400	11.62	0.0	11.62	0.0	11.63	-0.400	11.63	-0.400
292	11.64	-1.200	11.64	-1.200	11.65	-0.400	11.65	-0.400	11.66	0.0	11.66	0.0	11.67	0.400	11.67	0.400
293	11.68	0.400	11.68	0.400	11.69	0.800	11.69	0.400	11.70	0.0	11.70	0.0	11.71	0.0	11.71	-0.400
294	11.72	-0.800	11.72	-1.600	11.73	-1.600	11.73	-1.200	11.74	-1.600	11.74	-1.200	11.75	-1.700	11.75	-1.700
295	11.76	-1.700	11.76	-1.700	11.77	-1.300	11.77	-1.300	11.78	-1.300	11.78	-1.300	11.79	-1.300	11.79	-0.500
296	11.80	-0.500	11.80	-0.100	11.81	-0.100	11.81	-0.100	11.82	-0.900	11.82	-1.300	11.83	-2.100	11.83	-2.500
297	11.84	-2.900	11.84	-2.900	11.85	-3.700	11.85	-3.700	11.86	-3.700	11.86	-4.100	11.87	-4.100	11.87	-3.300
298	11.88	-2.500	11.88	-2.100	11.89	-2.100	11.89	-1.700	11.90	-1.300	11.90	-1.300	11.91	-0.900	11.91	-0.500
299	11.92	-0.900	11.92	1.100	11.93	1.500	11.93	1.500	11.94	1.100	11.94	1.500	11.95	2.200	11.95	1.800
300	11.96	2.200	11.96	1.800	11.97	1.400	11.97	1.000	11.98	1.400	11.98	1.400	11.99	1.400	11.99	1.400
301	12.00	1.800	12.00	1.800	12.01	2.200	12.01	2.400	12.02	3.400	12.02	3.400	12.03	3.400	12.03	3.800
302	12.04	4.200	12.04	4.200	12.05	4.200	12.05	4.200	12.06	3.000	12.06	2.600	12.07	2.200	12.07	1.400
303	12.08	1.400	12.08	1.400	12.09	1.600	12.09	1.000	12.10	1.000	12.10	1.000	12.11	1.400	12.11	2.200
304	12.12	2.600	12.12	3.000	12.13	3.000	12.13	2.600	12.14	1.400	12.14	1.000	12.15	-0.300	12.15	-0.700
305	12.16	-1.100	12.16	-1.100	12.17	-1.900	12.17	-1.400	12.18	-0.900	12.18	-0.400	12.19	-0.100	12.19	0.600
306	12.20	0.500	12.20	0.100	12.21	-0.300	12.21	-0.500	12.22	-0.600	12.22	-0.500	12.23	-0.800	12.23	-1.000
307	12.24	-1.100	12.24	-1.100	12.25	-0.700	12.25	-0.600	12.26	-0.800	12.26	-1.800	12.27	-2.500	12.27	-3.100
308	12.28	-3.500	12.28	-3.700	12.29	-3.700	12.29	-4.100	12.30	-4.300	12.30	-4.600	12.31	-4.700	12.31	-4.700
309	12.32	-4.400	12.32	-4.000	12.33	-3.500	12.33	-2.900	12.34	-2.400	12.34	-2.100	12.35	-2.100	12.35	-2.100
310	12.36	-2.300	12.36	-2.500	12.37	-2.700	12.37	-2.600	12.38	-2.300	12.38	-2.100	12.39	-1.700	12.39	-1.500
311	12.40	-1.200	12.40	-1.000	12.41	-0.900	12.41	-0.800	12.42	-0.700	12.42	-0.600	12.43	-0.400	12.43	-0.400
312	12.44	-0.500	12.44	-0.900	12.45	-0.900	12.45	-0.800	12.46	-0.500	12.46	-0.100	12.47	0.300	12.47	0.800
313	12.48	1.100	12.48	1.100	12.49	1.100	12.49	1.100	12.50	1.400	12.50	1.400	12.51	1.400	12.51	1.400
314	12.52	1.600	12.52	1.800	12.53	1.900	12.53	2.000	12.54	1.900	12.54	1.800	12.55	1.600	12.55	1.300
315	12.56	1.000	12.56	1.200	12.57	1.600	12.57	1.900	12.58	2.100	12.58	2.200	12.59	2.100	12.59	1.900
316	12.60	1.800	12.60	1.800	12.61	2.000	12.61	2.500	12.62	2.700	12.62	2.900	12.63	2.800	12.63	1.800
317	12.64	1.700	12.64	1.500	12.65	1.400	12.65	1.400	12.66	1.300	12.66	1.200	12.67	1.100	12.67	0.800
318	12.68	10.800	12.68	8.300	12.69	3.500	12.69	1.900	12.70	1.000	12.70	1.900	12.71	1.500	12.71	1.100
319	12.72	0.700	12.72	0.300	12.73	0.300	12.73	-0.100	12.74	-0.200	12.74	-0.100	12.75	-0.100	12.75	-0.100
320	12.76	0.200	12.76	-0.200	12.77	0.200	12.77	0.200	12.78	0.600	12.78	1.000	12.79	1.000	12.79	0.200
321	12.80	-0.200	12.80	-0.200	12.81	-0.200	12.81	-0.200	12.82	-0.200	12.82	0.200	12.83	0.200	12.83	-0.200
322	12.84	-0.200	12.84	-0.600	12.85	-1.000	12.85	-1.000	12.86	-0.600	12.86	-0.600	12.87	-0.600	12.87	-0.600
323	12.88	-0.600	12.88	-1.000	12.89	-1.000	12.89	-1.000	12.90	-0.600	12.90	-0.600	12.91	-0.600	12.91	-0.200
324	12.92	-0.200	12.92	-0.200	12.93	0.200	12.93	0.200	12.94	0.200	12.94	0.100	12.95	0.500	12.95	0.900
325	12.96	1.300	12.96	1.700	12.97	1.300	12.97	1.300	12.98	0.900	12.98	0.500	12.99	0.100	12.99	0.100
326	13.00	0.100	13.00	0.900	13.01	1.300	13.01	0.500	13.02	0.900	13.02	1.300	13.03	1.700	13.03	2.100
327	13.04	2.100	13.04	2.100	13.05	1.700	13.05	2.100	13.06	1.700	13.06	1.700	13.07	1.700	13.07	1.300
328	13.08	1.300	13.08	0.900	13.09	0.500	13.09	0.500	1							

379	15.12	-1.000	15.12	-0.600	15.13	-0.600	15.13	-1.000	15.14	-1.000	15.14	-1.000	15.15	-1.000	15.15	-0.600
380	15.16	-0.600	15.16	-1.000	15.17	-0.600	15.17	0.200	15.18	0.600	15.18	0.600	15.19	0.600	15.19	0.600
381	15.20	0.600	15.20	0.600	15.21	1.000	15.21	0.600	15.22	0.600	15.22	0.600	15.23	0.600	15.23	0.200
382	15.24	-0.200	15.24	-0.200	15.25	-1.000	15.25	-0.600	15.26	-1.000	15.26	-0.600	15.27	-1.000	15.27	-0.600
383	15.28	-0.200	15.28	0.200	15.29	0.200	15.29	-0.200	15.30	-0.200	15.30	-0.200	15.31	-0.200	15.31	-0.200
384	15.32	-0.200	15.32	-0.200	15.33	-0.200	15.33	-0.200	15.34	0.200	15.34	1.000	15.35	1.000	15.35	1.000
385	15.36	1.000	15.36	1.000	15.37	1.000	15.37	0.200	15.38	-0.600	15.38	-0.600	15.39	-0.200	15.39	-0.600
386	15.40	-0.600	15.40	-0.200	15.41	-0.200	15.41	0.200	15.42	0.600	15.42	1.000	15.43	1.000	15.43	0.200
387	15.44	-0.200	15.44	-0.200	15.45	-0.600	15.45	-0.600	15.46	-0.600	15.46	-0.600	15.47	-1.000	15.47	-0.600
388	15.48	-0.600	15.48	0.200	15.49	0.200	15.49	-0.200	15.50	0.200	15.50	0.600	15.51	0.200	15.51	0.200
389	15.52	-0.200	15.52	-1.400	15.53	-1.400	15.53	-1.400	15.54	-1.400	15.54	-2.200	15.55	-2.200	15.55	-1.800
390	15.56	-1.400	15.56	-1.400	15.57	-1.400	15.57	-1.400	15.58	-2.200	15.58	-1.700	15.59	-1.300	15.59	-0.900
391	15.60	-1.300	15.60	-2.100	15.61	-2.100	15.61	-0.900	15.62	-0.500	15.62	-0.500	15.63	-0.500	15.63	-0.500
392	15.64	-0.500	15.64	-0.500	15.65	0.300	15.65	0.700	15.66	0.700	15.66	0.300	15.67	0.300	15.67	-0.500
393	15.68	-0.100	15.68	0.700	15.69	0.700	15.69	1.500	15.70	1.500	15.70	1.100	15.71	1.100	15.71	1.100
394	15.72	0.700	15.72	0.700	15.73	0.700	15.73	0.700	15.74	0.700	15.74	1.100	15.75	1.100	15.75	1.100
395	15.76	0.700	15.76	0.700	15.77	0.700	15.77	0.700	15.78	0.700	15.78	0.700	15.79	0.700	15.79	1.100
396	15.80	0.700	15.80	0.700	15.81	0.700	15.81	0.300	15.82	-0.500	15.82	-0.500	15.83	-0.500	15.83	-0.100
397	15.84	0.700	15.84	0.700	15.85	0.700	15.85	0.700	15.86	0.700	15.86	1.100	15.87	0.700	15.87	0.300
398	15.88	0.300	15.88	0.700	15.89	0.700	15.89	0.700	15.90	-0.100	15.90	-0.100	15.91	-0.500	15.91	-0.500
399	15.92	-0.500	15.92	-0.500	15.93	-0.500	15.93	-0.500	15.94	-0.900	15.94	-0.900	15.95	-0.900	15.95	-0.900
400	15.96	-0.900	15.96	-0.900	15.97	-0.900	15.97	-0.900	15.98	-1.300	15.98	-1.300	15.99	-1.300	15.99	-1.300
401	16.00	-0.900	16.00	-0.900	16.01	-0.100	16.01	-0.100	16.02	-0.500	16.02	0.300	16.03	1.500	16.03	1.500
402	16.04	1.100	16.04	0.700	16.05	0.300	16.05	-0.100	16.06	-0.100	16.06	-0.100	16.07	-0.500	16.07	-0.500
403	16.08	-0.900	16.08	-1.300	16.09	-0.900	16.09	-0.500	16.10	-0.500	16.10	-0.900	16.11	-0.500	16.11	-0.500
404	16.12	-0.900	16.12	-0.900	16.13	-0.900	16.13	-0.900	16.14	-0.900	16.14	-0.900	16.15	-0.900	16.15	-0.500
405	16.16	-0.500	16.16	-0.900	16.17	-1.300	16.17	-0.900	16.18	-0.900	16.18	-0.900	16.19	-0.900	16.19	-1.300
406	16.20	-2.500	16.20	-2.100	16.21	-2.100	16.21	-2.100	16.22	-1.300	16.22	-1.300	16.23	-2.100	16.23	-2.100
407	16.24	-0.300	16.24	-0.500	16.25	-0.500	16.25	-0.900	16.26	-1.300	16.26	-1.300	16.27	-1.300	16.27	-0.900
408	16.28	-0.100	16.28	-0.500	16.29	-0.900	16.29	-0.900	16.30	-0.900	16.30	-0.500	16.31	-0.500	16.31	0.300
409	16.32	0.300	16.32	0.700	16.33	0.700	16.33	0.300	16.34	-0.500	16.34	-0.500	16.35	0.500	16.35	-0.300
410	16.36	-0.500	16.36	-0.500	16.37	-0.100	16.37	-0.100	16.38	-0.900	16.38	-0.900	16.39	-0.500	16.39	-0.500
411	16.40	-0.500	16.40	-0.500	16.41	-0.100	16.41	-0.100	16.42	0.700	16.42	1.100	16.43	1.100	16.43	1.100
412	16.44	0.300	16.44	-0.500	16.45	-0.500	16.45	-0.500	16.46	-0.500	16.46	-0.900	16.47	-0.900	16.47	-0.500
413	16.48	-0.500	16.48	-0.500	16.49	1.100	16.49	0.700	16.50	-0.100	16.50	-0.500	16.51	-0.900	16.51	-0.100
414	16.52	-0.100	16.52	-0.100	16.53	-0.100	16.53	-0.100	16.54	-0.500	16.54	-0.500	16.55	-0.100	16.55	-0.100
415	16.56	-0.100	16.56	0.300	16.57	0.300	16.57	0.300	16.58	0.300	16.58	0.300	16.59	0.700	16.59	0.700
416	16.60	1.100	16.60	1.100	16.61	1.100	16.61	1.100	16.62	0.300	16.62	0.300	16.63	0.700	16.63	0.700
417	16.64	1.100	16.64	1.200	16.65	1.200	16.65	0.800	16.66	0.800	16.66	0.800	16.67	0.400	16.67	-1.200
418	16.68	-0.800	16.68	-0.800	16.69	0.0	16.69	0.0	16.70	0.800	16.70	0.800	16.71	0.400	16.71	0.400
419	16.72	0.800	16.72	1.200	16.73	1.200	16.73	0.400	16.74	-0.400	16.74	-0.400	16.75	-1.200	16.75	-1.200
420	16.76	-0.800	16.76	-0.800	16.77	-0.800	16.77	-0.800	16.78	-0.400	16.78	-0.400	16.79	-0.400	16.79	-0.400
421	16.80	-0.400	16.80	-0.400	16.81	-0.400	16.81	-0.800	16.82	-1.200	16.82	-1.600	16.83	-0.400	16.83	-0.400
422	16.84	-0.400	16.84	-0.400	16.85	-0.400	16.85	-0.400	16.86	-0.800	16.86	-0.400	16.87	-0.800	16.87	-1.200
423	16.88	-0.800	16.88	-0.800	16.89	-0.400	16.89	-0.400	16.90	-0.800	16.90	-0.800	16.91	-0.400	16.91	-0.400
424	16.92	-0.400	16.92	-0.800	16.93	-0.800	16.93	-1.600	16.94	-2.000	16.94	-2.400	16.95	-2.400	16.95	-2.000
425	16.96	-2.000	16.96	-2.000	16.97	-1.600	16.97	-1.600	16.98	-1.600	16.98	-1.600	16.99	-1.200	16.99	-1.200
426	17.00	-1.600	17.00	-1.600	17.01	-0.800	17.01	-1.200	17.02	-2.000	17.02	-2.400	17.03	-2.400	17.03	-2.400
427	17.04	-1.600	17.04	-1.200	17.05	-0.800	17.05	-0.800	17.06	-0.400	17.06	-0.400	17.07	0.400	17.07	0.400
428	17.08	0.0	17.08	0.0	17.09	0.0	17.09	0.0	17.10	-0.800	17.10	-0.800	17.11	-0.800	17.11	-1.200
429	17.12	-1.200	17.12	-1.200	17.13	-0.800	17.13	-0.800	17.14	-0.400	17.14	-0.800	17.15	-0.800	17.15	-0.800
430	17.16	-0.800	17.16	-0.400	17.17	0.0	17.17	0.0	17.18	-0.400	17.18	-0.800	17.19	-0.800	17.19	-1.200
431	17.20	-1.200	17.20	-0.800	17.21	-0.800	17.21	-0.800	17.22	-0.800	17.22	-0.800	17.23	-0.400	17.23	-0.400
432	17.24	0.0	17.24	0.400	17.25	0.800	17.25	1.200	17.26	1.200	17.26	0.400	17.27	0.0	17.27	-0.400
433	17.28	-0.800	17.28	-1.200	17.29	-0.800	17.29	-0.800	17.30	-0.800	17.30	-0.400	17.31	-0.400	17.31	0.0
434	17.32	0.0	17.32	0.400	17.33	0.400	17.33	0.400	17.34	0.800	17.34	0.800	17.35	0.800	17.35	0.800
435	17.36	0.400	17.36	0.400	17.37	0.400	17.37	0.400	17.38	0.0	17.38	0.0	17.39	0.400	17.39	0.0
436	17.40	0.0	17.40	0.800	17.41	0.800	17.41	1.200	17.42	1.200	17.42	1.200	17.43	1.200	17.43	0.800
437	17.44	1.200	17.44	1.200	17.45	0.800	17.45	0.800	17.46	0.400	17.46	0.400	17.47	0.800	17.47	1.200
438	17.48	1.200	17.48	1.200	17.49	1.600	17.49	1.200	17.50	0.400	17.50	0.0	17.51	-0.400	17.51	-0.400
439	17.52	-0.400	17.52	-0.800	17.53	-0.800	17.53	-1.200	17.54	-1.200	17.54	-0.400	17.55	0.0	17.55	0.0
440	17.56	-0.400	17.56	-0.400	17.57	-0.400	17.57	-0.400	17.58	-0.400	17.58	-0.400	17.59	-0.400	17.59	-0.400
441	17.60	-0.400	17.60	-0.800	17.61	-0.800	17.61	-0.800	17.62	-0.800	17.62	-0.800	17.63	-0.800	17.63	-0.800
442	17.64	-0.800	17.64	-0.800	17.65	-0.800	17.65	-0.800	17.66	-0.800	17.66	-0.800	17.67	-1.200	17.67	-1.200
443	17.68	-1.200	17.68	-0.800	17.69	-0.800	17.69	-0.800	17.70	-0.800	17.70	-0.800	17.71	-0.700	17.71	-0.700
444	17.72	-0.800	17.72	-0.800	17.73	-0.300	17.73	0.100	17.74	0.100	17.74	0.500	17.75	0.500	17.75	0.500
445	17.76	-0.500	17.76	0.900	17.77	0.900	17.77	0.500	17.78	0.500	17.78	0.500	17.79	0.500	17.79	0.500
446	17.80	0.500	17.80	0.500	17.81	0.500	17.81	0.500	17.82	0.500	17.82	0.500	17.83	0.500	17.83	0.500
447	17.84	-0.300	17.84	-0.700	17.85	-0.300	17.85	-0.300	17.86	-0.300	17.86	-0.300	17.87	-0.300	17.87	-0.300
448	17.88	0.100	17.88	0.500	17.89	0.900	17.89	1.300	17.90	1.300	17.90	1.700	17.91	1.700	17.91	1.300
449	17.92	1.300	17.92	1.700	17.93	1.700	17.93	1.700	17.94	1.700	17.94	1.700	17.95	1.700	17.95	1.300
450	17.96	0.900	17.96	0.900	17.97	0.500	17.97	0.500	17.98	1.300	17.98	1.300	17.99	1.300	17.99	1.300
451																

Digitized Accelerogram of Earthquake Record with Index Number E-23 (7-1-NS)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-7.690	0.01	-13.189	0.02	-10.670	0.03	-15.710	0.04	-9.370	0.05	-7.410	0.06	-11.290	0.07	-14.680
2	0.08	-15.060	0.09	-15.440	0.10	-9.890	0.11	0.410	0.12	1.720	0.13	3.020	0.14	2.190	0.15	-3.990
3	0.16	-10.160	0.17	-11.410	0.18	-12.670	0.19	-10.160	0.20	-12.300	0.21	-14.410	0.22	-16.500	0.23	-18.580
4	0.24	-20.670	0.25	-22.750	0.26	-12.750	0.27	-0.740	0.28	4.650	0.29	5.090	0.30	2.910	0.31	-5.050
5	0.32	-14.690	0.33	-14.070	0.34	-13.530	0.35	-17.780	0.36	-23.940	0.37	-18.970	0.38	7.960	0.39	30.910
6	0.40	29.060	0.41	28.820	0.42	7.180	0.43	-17.990	0.44	-30.960	0.45	-35.000	0.46	-39.030	0.47	-43.070
7	0.48	-47.010	0.49	-36.690	0.50	-26.270	0.51	-27.910	0.52	-34.380	0.53	-31.300	0.54	-15.310	0.55	2.760
8	0.56	35.990	0.57	49.040	0.58	36.220	0.59	-3.260	0.60	47.930	0.61	65.590	0.62	83.250	0.63	100.900
9	0.64	-26.480	0.65	-47.570	0.66	-68.660	0.67	-89.750	0.68	-110.840	0.69	-21.490	0.70	-9.890	0.71	1.720
10	0.72	13.320	0.73	24.930	0.74	38.990	0.75	41.320	0.76	34.660	0.77	21.260	0.78	7.860	0.79	-5.540
11	0.80	-98.080	0.81	-82.640	0.82	-67.200	0.83	-51.760	0.84	-36.320	0.85	-20.880	0.86	-5.440	0.87	-0.000
12	0.88	-80.220	0.89	-64.780	0.90	-49.340	0.91	-33.900	0.92	-18.460	0.93	-2.020	0.94	13.420	0.95	26.880
13	0.96	64.160	0.97	47.720	0.98	31.280	0.99	14.840	1.00	-1.570	1.01	-16.210	1.02	-31.650	1.03	-47.090
14	1.04	69.360	1.05	112.380	1.06	-21.780	1.07	-40.490	1.08	-59.200	1.09	-77.910	1.10	-96.620	1.11	-115.330
15	1.12	78.170	1.13	55.140	1.14	32.100	1.15	-11.300	1.16	-100.440	1.17	-81.570	1.18	-62.710	1.19	-43.850
16	1.20	-19.620	1.21	20.810	1.22	-11.390	1.23	-3.150	1.24	7.510	1.25	19.970	1.26	32.430	1.27	44.890
17	1.28	57.360	1.29	0.000	1.30	-39.350	1.31	-55.360	1.32	-71.370	1.33	-87.380	1.34	-103.390	1.35	-119.400
18	1.36	7.420	1.37	-56.570	1.38	-12.080	1.39	14.740	1.40	19.220	1.41	151.050	1.42	199.810	1.43	248.570
19	1.44	27.330	1.45	-22.090	1.46	-71.510	1.47	-7.200	1.48	-53.940	1.49	-80.270	1.50	-106.600	1.51	-132.930
20	1.52	-77.640	1.53	-76.770	1.54	30.770	1.55	10.160	1.56	15.930	1.57	41.480	1.58	67.020	1.59	92.560
21	1.60	118.120	1.61	79.690	1.62	41.270	1.63	-68.850	1.64	-23.370	1.65	20.350	1.66	35.010	1.67	49.670
22	1.68	64.440	1.69	79.130	1.70	0.360	1.71	-76.660	1.72	-93.580	1.73	-54.100	1.74	-14.630	1.75	24.850
23	1.76	64.320	1.77	66.370	1.78	68.420	1.79	-31.080	1.80	-43.980	1.81	-38.180	1.82	-7.460	1.83	23.270
24	1.84	53.990	1.85	84.710	1.86	54.820	1.87	14.820	1.88	4.660	1.89	20.630	1.90	36.590	1.91	52.550
25	1.92	68.520	1.93	18.420	1.94	-31.680	1.95	-38.960	1.96	-13.650	1.97	-2.580	1.98	-10.510	1.99	-18.440
26	2.00	-26.380	2.01	-34.310	2.02	-42.240	2.03	-50.170	2.04	-58.100	2.05	-66.030	2.06	-73.960	2.07	-81.890
27	2.08	14.690	2.09	39.660	2.10	64.630	2.11	20.990	2.12	-20.910	2.13	-42.190	2.14	-63.470	2.15	-84.750
28	2.16	-23.580	2.17	-17.380	2.18	-1.180	2.19	12.250	2.20	5.030	2.21	2.210	2.22	-1.120	2.23	-4.310
29	2.24	-11.370	2.25	-16.430	2.26	-21.490	2.27	-26.650	2.28	-31.810	2.29	-37.070	2.30	-42.330	2.31	-47.590
30	2.32	9.240	2.33	-16.640	2.34	-42.520	2.35	-68.400	2.36	-94.280	2.37	-120.160	2.38	-146.040	2.39	-171.920
31	2.40	-0.850	2.41	-42.890	2.42	-68.770	2.43	-94.650	2.44	-120.530	2.45	-146.410	2.46	-172.290	2.47	-198.170
32	2.48	42.800	2.49	7.100	2.50	-36.490	2.51	-62.370	2.52	-88.250	2.53	-114.130	2.54	-140.010	2.55	-165.890
33	2.56	-84.910	2.57	-45.470	2.58	-10.030	2.59	37.410	2.60	78.850	2.61	82.420	2.62	35.500	2.63	-91.330
34	2.64	-62.490	2.65	-33.650	2.66	-4.810	2.67	24.040	2.68	41.330	2.69	49.950	2.70	58.570	2.71	67.190
35	2.72	-13.150	2.73	6.530	2.74	24.210	2.75	15.810	2.76	-30.770	2.77	-48.610	2.78	-66.450	2.79	-84.290
36	2.80	13.010	2.81	33.550	2.82	61.680	2.83	35.250	2.84	8.050	2.85	-17.560	2.86	-35.770	2.87	-53.980
37	2.88	55.740	2.89	39.700	2.90	23.670	2.91	7.640	2.92	-8.400	2.93	-15.420	2.94	-22.440	2.95	-29.460
38	2.96	25.100	2.97	14.650	2.98	4.210	2.99	-6.230	3.00	-12.450	3.01	-18.670	3.02	-24.890	3.03	-31.110
39	3.04	28.640	3.05	16.180	3.06	3.710	3.07	-24.450	3.08	3.570	3.09	15.400	3.10	5.620	3.11	-4.160
40	3.12	-13.940	3.13	-23.710	3.14	-33.480	3.15	-43.250	3.16	-53.020	3.17	-62.790	3.18	-72.560	3.19	-82.330
41	3.20	-23.420	3.21	-33.190	3.22	-42.960	3.23	-52.730	3.24	-62.500	3.25	-72.270	3.26	-82.040	3.27	-91.810
42	3.28	-33.160	3.29	-42.930	3.30	-52.700	3.31	-62.470	3.32	-72.240	3.33	-82.010	3.34	-91.780	3.35	-101.550
43	3.36	-42.900	3.37	-52.670	3.38	-62.440	3.39	-72.210	3.40	-81.980	3.41	-91.750	3.42	-101.520	3.43	-111.290
44	3.44	-52.640	3.45	-62.410	3.46	-72.180	3.47	-81.950	3.48	-91.720	3.49	-101.490	3.50	-111.260	3.51	-121.030
45	3.52	-62.380	3.53	-72.150	3.54	-81.920	3.55	-91.690	3.56	-101.460	3.57	-111.230	3.58	-121.000	3.59	-130.770
46	3.60	-72.120	3.61	-81.890	3.62	-91.660	3.63	-101.430	3.64	-111.200	3.65	-120.970	3.66	-130.740	3.67	-140.510
47	3.68	-81.860	3.69	-91.630	3.70	-101.400	3.71	-111.170	3.72	-120.940	3.73	-130.710	3.74	-140.480	3.75	-150.250
48	3.76	-91.600	3.77	-101.370	3.78	-111.140	3.79	-120.910	3.80	-130.680	3.81	-140.450	3.82	-150.220	3.83	-160.000
49	3.84	-101.340	3.85	-111.110	3.86	-120.880	3.87	-130.650	3.88	-140.420	3.89	-150.190	3.90	-160.000	3.91	-170.000
50	3.92	-111.080	3.93	-120.850	3.94	-130.620	3.95	-140.390	3.96	-150.160	3.97	-160.000	3.98	-170.000	3.99	-180.000
51	4.00	-120.820	4.01	-130.590	4.02	-140.360	4.03	-150.130	4.04	-160.000	4.05	-170.000	4.06	-180.000	4.07	-190.000
52	4.08	-130.560	4.09	-140.330	4.10	-150.100	4.11	-160.000	4.12	-170.000	4.13	-180.000	4.14	-190.000	4.15	-200.000
53	4.16	-140.300	4.17	-150.070	4.18	-160.000	4.19	-170.000	4.20	-180.000	4.21	-190.000	4.22	-200.000	4.23	-210.000
54	4.24	-150.040	4.25	-160.000	4.26	-170.000	4.27	-180.000	4.28	-190.000	4.29	-200.000	4.30	-210.000	4.31	-220.000
55	4.32	-160.000	4.33	-170.000	4.34	-180.000	4.35	-190.000	4.36	-200.000	4.37	-210.000	4.38	-220.000	4.39	-230.000
56	4.40	-170.000	4.41	-180.000	4.42	-190.000	4.43	-200.000	4.44	-210.000	4.45	-220.000	4.46	-230.000	4.47	-240.000
57	4.48	-180.000	4.49	-190.000	4.50	-200.000	4.51	-210.000	4.52	-220.000	4.53	-230.000	4.54	-240.000	4.55	-250.000
58	4.56	-190.000	4.57	-200.000	4.58	-210.000	4.59	-220.000	4.60	-230.000	4.61	-240.000	4.62	-250.000	4.63	-260.000
59	4.64	-200.000	4.65	-210.000	4.66	-220.000	4.67	-230.000	4.68	-240.000	4.69	-250.000	4.70	-260.000	4.71	-270.000
60	4.72	-210.000	4.73	-220.000	4.74	-230.000	4.75	-240.000	4.76	-250.000	4.77	-260.000	4.78	-270.000	4.79	-280.000
61	4.80	-220.000	4.81	-230.000	4.82	-240.000	4.83	-250.000	4.84	-260.000	4.85	-270.000	4.86	-280.000	4.87	-290.000
62	4.88	-230.000	4.89	-240.000	4.90	-250.000	4.91	-260.000	4.92	-270.000	4.93	-280.000	4.94	-290.000	4.95	-300.000
63	4.96	-240.000	4.97	-250.000	4.98	-260.000	4.99	-270.000	5.00	-280.000	5.01	-290.000	5.02	-300.000	5.03	-310.000
64	5.04	-250.000	5.05	-260.000	5.06	-270.000	5.07	-280.000	5.08	-290.000	5.09	-300.000	5.10	-310.000	5.11	-320.000
65	5.12	-260.000	5.13	-270.000	5.14	-280.000	5.15	-290.000	5.16	-300.000	5.17	-310.000	5.18	-320.000	5.19	-330.000
66	5.20	-270.000	5.21	-280.000	5.22	-290.000	5.23	-300.000	5.24	-310.000	5.25	-320.000	5.26	-330.000	5.27	-340.000
67	5.28	-280.000	5.29	-290.000	5.30	-300.000	5.31	-310.000	5.32	-320.000	5.33	-330.000	5.34	-340.000	5.35	-350.000
68	5.36	-290.000	5.37	-300.000	5.38	-310.000	5.39	-320.000	5.40	-330.000	5.41	-340.000	5.42	-350.000	5.43	-360.000
69	5.44	-300.000	5.45	-310.000	5.46	-320.000	5.47	-330.000	5.48	-340.000	5.49	-350.000	5.50	-360.000	5.51	-370.000
70	5.52	-310.000	5.53	-320.000	5.54	-330.000	5.55	-340.000	5.56	-350.000	5.57	-360.000	5.58			

Digitized Accelerogram of Earthquake Record with Index Number E-24 (7-1-EW)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	1.890	0.01	6.240	0.02	10.580	0.03	0.680	0.04	4.290	0.05	1.850	0.06	2.620	0.07	3.670
2	0.08	9.390	0.09	15.720	0.10	10.200	0.11	15.890	0.12	21.580	0.13	27.270	0.14	29.290	0.15	22.160
3	0.16	15.030	0.17	3.730	0.18	-7.580	0.19	-0.960	0.20	-5.200	0.21	-4.530	0.22	2.650	0.23	9.840
4	0.24	17.030	0.25	24.210	0.26	25.430	0.27	25.660	0.28	22.160	0.29	15.870	0.30	7.940	0.31	-4.070
5	0.32	-16.080	0.33	-21.240	0.34	-26.410	0.35	-19.000	0.36	-6.570	0.37	11.660	0.38	26.290	0.39	40.700
6	0.40	53.820	0.41	66.950	0.42	44.990	0.43	-30.350	0.44	-3.500	0.45	0.430	0.46	-2.640	0.47	-5.710
7	0.48	-8.780	0.49	-10.080	0.50	-27.390	0.51	-36.660	0.52	-32.220	0.53	-25.290	0.54	-7.460	0.55	0.650
8	0.56	-1.610	0.57	-9.670	0.58	-22.670	0.59	-36.660	0.60	-39.520	0.61	-39.520	0.62	-25.340	0.63	-11.160
9	0.64	-49.140	0.65	-55.310	0.66	-61.470	0.67	-67.640	0.68	-73.800	0.69	-79.970	0.70	-86.140	0.71	-92.310
10	0.72	71.560	0.73	84.140	0.74	45.120	0.75	33.350	0.76	26.360	0.77	22.790	0.78	19.280	0.79	15.760
11	0.80	-18.030	0.81	-17.850	0.82	-17.690	0.83	-17.520	0.84	-17.340	0.85	-17.160	0.86	-16.980	0.87	-16.800
12	0.88	38.070	0.89	43.010	0.90	49.350	0.91	51.950	0.92	54.550	0.93	57.150	0.94	59.750	0.95	62.350
13	0.96	112.340	0.97	73.780	0.98	35.020	0.99	-3.740	1.00	-42.510	1.01	-7.060	1.02	-3.920	1.03	-0.790
14	1.04	2.350	1.05	5.480	1.06	-78.410	1.07	-35.050	1.08	0.310	1.09	51.670	1.10	19.060	1.11	21.120
15	1.12	23.190	1.13	25.250	1.14	27.310	1.15	-40.790	1.16	-42.700	1.17	-44.610	1.18	-46.510	1.19	-48.420
16	1.20	-17.310	1.21	9.660	1.22	-34.430	1.23	-11.550	1.24	4.270	1.25	14.810	1.26	25.350	1.27	35.890
17	1.28	46.430	1.29	15.890	1.30	-14.820	1.31	-30.550	1.32	-21.140	1.33	-11.740	1.34	-2.330	1.35	7.920
18	1.36	23.200	1.37	30.480	1.38	17.630	1.39	1.020	1.40	-6.080	1.41	-6.040	1.42	-6.010	1.43	-5.980
19	1.44	-5.950	1.45	-38.180	1.46	-70.420	1.47	-10.150	1.48	0.700	1.49	9.480	1.50	15.520	1.51	21.550
20	1.52	27.580	1.53	33.620	1.54	-4.900	1.55	-79.120	1.56	-109.150	1.57	-81.300	1.58	-62.440	1.59	-43.580
21	1.60	-24.720	1.61	5.000	1.62	34.720	1.63	52.450	1.64	71.240	1.65	76.560	1.66	63.940	1.67	51.320
22	1.68	36.700	1.69	26.080	1.70	53.690	1.71	88.000	1.72	-74.500	1.73	-90.640	1.74	-106.790	1.75	-122.940
23	1.76	-139.080	1.77	-74.570	1.78	-10.060	1.79	-58.750	1.80	-75.840	1.81	-82.530	1.82	-80.330	1.83	-22.050
24	1.84	-7.090	1.85	-36.230	1.86	-58.750	1.87	-35.120	1.88	14.910	1.89	9.740	1.90	4.560	1.91	-0.610
25	1.92	-5.780	1.93	-21.050	1.94	-36.340	1.95	-35.120	1.96	-19.050	1.97	-5.930	1.98	3.050	1.99	12.040
26	2.00	21.030	2.01	30.020	2.02	32.670	2.03	34.260	2.04	11.160	2.05	-10.540	2.06	-22.670	2.07	-10.710
27	2.08	1.250	2.09	13.210	2.10	25.170	2.11	35.450	2.12	1.160	2.13	-13.110	2.14	-6.680	2.15	11.750
28	2.16	24.170	2.17	36.400	2.18	2.050	2.19	-40.340	2.20	-17.410	2.21	7.190	2.22	19.680	2.23	2.680
29	2.24	-14.140	2.25	-31.160	2.26	-48.190	2.27	-39.600	2.28	-20.760	2.29	-1.270	2.30	19.100	2.31	44.310
30	2.32	36.260	2.33	28.210	2.34	20.170	2.35	12.120	2.36	-12.770	2.37	-50.270	2.38	24.340	2.39	29.500
31	2.40	34.650	2.41	39.800	2.42	44.950	2.43	1.760	2.44	14.360	2.45	15.760	2.46	2.230	2.47	-11.310
32	2.48	-24.850	2.49	-36.380	2.50	-61.120	2.51	1.070	2.52	3.100	2.53	1.250	2.54	-0.600	2.55	-2.450
33	2.56	26.910	2.57	19.060	2.58	13.000	2.59	6.050	2.60	-0.900	2.61	-3.980	2.62	-1.890	2.63	-9.430
34	2.64	-9.670	2.65	-9.920	2.66	-10.170	2.67	-10.420	2.68	-0.100	2.69	18.140	2.70	1.970	2.71	-1.680
35	2.72	-5.740	2.73	-0.600	2.74	-13.460	2.75	-10.420	2.76	-1.710	2.77	2.390	2.78	-3.380	2.79	-9.140
36	2.80	-14.910	2.81	-20.670	2.82	10.430	2.83	18.720	2.84	27.010	2.85	35.310	2.86	37.640	2.87	25.980
37	2.88	-6.050	2.89	-3.950	2.90	-1.860	2.91	0.240	2.92	2.340	2.93	6.180	2.94	12.340	2.95	12.920
38	2.96	3.620	2.97	-5.670	2.98	-14.970	2.99	-24.260	3.00	5.930	3.01	15.040	3.02	19.250	3.03	11.180
39	3.04	3.110	3.05	-4.960	3.06	-13.030	3.07	14.030	3.08	16.140	3.09	15.170	3.10	10.100	3.11	5.030
40	3.12	-0.050	3.13	-5.120	3.14	0.520	3.15	1.310	3.16	2.110	3.17	2.900	3.18	5.710	3.19	13.520
41	3.20	1.930	3.21	1.680	3.22	0.240	3.23	-0.610	3.24	-1.450	3.25	-1.440	3.26	-0.300	3.27	-10.270
42	3.28	-8.960	3.29	-7.640	3.30	-6.320	3.31	-5.010	3.32	-2.880	3.33	6.260	3.34	8.380	3.35	7.380
43	3.36	6.390	3.37	5.390	3.38	4.390	3.39	12.070	3.40	12.210	3.41	12.390	3.42	12.550	3.43	11.060
44	3.44	-0.280	3.45	-11.620	3.46	-0.480	3.47	-3.970	3.48	4.630	3.49	7.180	3.50	9.520	3.51	11.290
45	3.52	-10.720	3.53	-8.470	3.54	-6.220	3.55	-3.970	3.56	-1.710	3.57	0.490	3.58	-7.460	3.59	-13.820
46	3.60	-10.390	3.61	-6.960	3.62	-3.530	3.63	-0.100	3.64	2.830	3.65	1.560	3.66	0.300	3.67	-0.950
47	3.68	-2.190	3.69	-3.430	3.70	-4.670	3.71	5.640	3.72	5.210	3.73	4.780	3.74	4.350	3.75	3.810
48	3.76	2.540	3.77	1.280	3.78	1.500	3.79	-1.400	3.80	-4.430	3.81	-7.390	3.82	-8.150	3.83	-3.390
49	3.84	-10.390	3.85	-5.440	3.86	-0.500	3.87	4.450	3.88	9.390	3.89	8.790	3.90	2.460	3.91	-2.680
50	3.92	-0.680	3.93	1.330	3.94	3.340	3.95	5.350	3.96	-18.250	3.97	-8.650	3.98	0.950	3.99	10.350
51	4.00	20.150	4.01	9.460	4.02	-1.240	4.03	16.150	4.04	16.540	4.05	16.940	4.06	17.330	4.07	16.660
52	4.08	9.570	4.09	2.480	4.10	7.750	4.11	4.180	4.12	0.610	4.13	-2.970	4.14	1.630	4.15	5.130
53	4.16	8.640	4.17	6.280	4.18	7.930	4.19	7.580	4.20	7.220	4.21	0.370	4.22	2.400	4.23	4.110
54	4.24	3.910	4.25	3.720	4.26	3.530	4.27	3.340	4.28	7.240	4.29	6.330	4.30	1.410	4.31	-1.500
55	4.32	-4.410	4.33	-1.400	4.34	1.610	4.35	5.300	4.36	1.030	4.37	-3.320	4.38	7.650	4.39	-9.780
56	4.40	1.650	4.41	13.070	4.42	9.550	4.43	5.790	4.44	2.030	4.45	-1.730	4.46	11.630	4.47	-2.030
57	4.48	-15.700	4.49	-10.290	4.50	-4.870	4.51	0.540	4.52	5.960	4.53	2.690	4.54	2.310	4.55	1.930
58	4.56	1.560	4.57	1.180	4.58	5.550	4.59	0.070	4.60	-5.420	4.61	-10.920	4.62	-12.100	4.63	-2.560
59	4.64	-9.260	4.65	-7.130	4.66	-4.990	4.67	-2.860	4.68	-0.730	4.69	0.040	4.70	-0.980	4.71	-6.500
60	4.72	-3.750	4.73	-0.990	4.74	1.770	4.75	4.520	4.76	0.560	4.77	-8.450	4.78	-1.170	4.79	0.660
61	4.80	2.500	4.81	4.330	4.82	6.170	4.83	4.150	4.84	0.600	4.85	1.200	4.86	-4.410	4.87	-8.950
62	4.88	-7.050	4.89	-5.150	4.90	-3.250	4.91	-1.350	4.92	-4.490	4.93	-3.940	4.94	-3.370	4.95	-2.710
63	4.96	-2.050	4.97	-1.390	4.98	-0.730	4.99	-0.070	5.00	8.280	5.01	8.050	5.02	5.910	5.03	3.770
64	5.04	1.630	5.05	-0.510	5.06	-2.730	5.07	-6.160	5.08	-7.070	5.09	-5.590	5.10	-4.120	5.11	-2.650
65	5.12	-1.170	5.13	-1.720	5.14	-2.280	5.15	-2.570	5.16	-2.180	5.17	-1.790	5.18	-1.390	5.19	-0.990
66	5.20	-0.560	5.21	-0.120	5.22	1.680	5.23	-0.200	5.24	-2.070	5.25	-3.050	5.26	-4.620	5.27	-2.300
67	5.28	-1.570	5.29	-0.890	5.30	-0.220	5.31	0.460	5.32	1.140	5.33	1.190	5.34	0.410	5.35	-4.480
68	5.36	-4.460	5.37	-4.450	5.38	-4.430	5.39	-4.410	5.40	-6.170	5.41	-9.250	5.42	-7.720	5.43	-6.180
69	5.44	-4.850	5.45	-5.280	5.46	-5.910	5.47	-6.540	5.48	-7.170	5.49	-3.680	5.50	-4.060	5.51	-4.140
70	5.52	-2.440	5.53	-0.730	5.54	0.980	5.55	2.680	5.56	-3.230	5.57	4.760	5.58	9.990	5.59	6.200
71	5.60	6.420	5.61	4.640	5.62	2.860	5.63	-7.200	5.64	-5.100	5.65	-3.010	5.66	-0.910	5.67	1.190

Digitized Accelerogram of Earthquake Record with Index Number E-25 (7-1-2)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-1.770	0.01	-6.590	0.02	-11.410	0.03	-8.130	0.04	-1.610	0.05	0.490	0.06	-3.320	0.07	-6.570
2	0.08	-6.440	0.09	-5.300	0.10	-11.670	0.11	-2.010	0.12	-2.360	0.13	-2.710	0.14	-2.940	0.15	-2.990
3	0.16	-2.860	0.17	-7.960	0.18	-13.060	0.19	-8.260	0.20	-6.900	0.21	-6.400	0.22	-7.040	0.23	-7.690
4	0.24	-8.330	0.25	-9.990	0.26	-3.320	0.27	-8.390	0.28	-8.670	0.29	-12.080	0.30	-15.340	0.31	-13.450
5	0.32	-11.570	0.33	-9.680	0.34	-7.760	0.35	-6.940	0.36	-6.500	0.37	-3.200	0.38	-2.630	0.39	-19.730
6	0.40	-5.920	0.41	-1.100	0.42	-0.500	0.43	-0.610	0.44	0.050	0.45	1.280	0.46	-2.520	0.47	-3.750
7	0.48	4.960	0.49	12.760	0.50	20.540	0.51	22.180	0.52	21.360	0.53	18.360	0.54	12.460	0.55	6.810
8	0.56	2.630	0.57	-1.540	0.58	-5.860	0.59	-10.200	0.60	-29.700	0.61	-30.320	0.62	-30.940	0.63	-31.560
9	0.64	-32.170	0.65	-20.760	0.66	-25.340	0.67	-21.930	0.68	-18.510	0.69	-14.930	0.70	-11.150	0.71	-7.350
10	0.72	-3.570	0.73	0.220	0.74	-13.990	0.75	-21.190	0.76	-22.890	0.77	-20.440	0.78	-18.000	0.79	-15.560
11	0.80	27.040	0.81	32.180	0.82	37.330	0.83	42.470	0.84	47.620	0.85	50.830	0.86	44.710	0.87	38.600
12	0.88	32.490	0.89	26.380	0.90	19.580	0.91	18.660	0.92	17.630	0.93	16.650	0.94	7.080	0.95	24.100
13	0.96	-14.040	0.97	-10.470	0.98	-6.890	0.99	-3.310	1.00	0.270	1.01	-32.230	1.02	-26.990	1.03	-21.740
14	1.04	-16.500	1.05	-11.260	1.06	-10.570	1.07	-19.650	1.08	-20.730	1.09	-21.620	1.10	9.540	1.11	6.930
15	1.12	4.330	1.13	1.730	1.14	-0.670	1.15	-5.320	1.16	4.720	1.17	4.110	1.18	3.500	1.19	5.490
16	1.20	23.080	1.21	40.670	1.22	11.550	1.23	-9.120	1.24	-19.310	1.25	-21.660	1.26	-24.000	1.27	-26.340
17	1.28	-20.680	1.29	-22.420	1.30	-10.150	1.31	-2.300	1.32	-9.820	1.33	-17.330	1.34	-24.850	1.35	-30.530
18	1.36	-25.150	1.37	19.770	1.38	11.660	1.39	-1.090	1.40	-8.180	1.41	-10.890	1.42	-13.590	1.43	-16.360
19	1.44	-19.010	1.45	-24.640	1.46	-30.270	1.47	13.600	1.48	24.790	1.49	29.140	1.50	24.370	1.51	19.590
20	1.52	14.820	1.53	10.040	1.54	-4.310	1.55	-8.430	1.56	-13.100	1.57	-18.180	1.58	-23.260	1.59	-28.340
21	1.60	-33.410	1.61	-7.330	1.62	18.750	1.63	14.290	1.64	18.080	1.65	20.100	1.66	19.750	1.67	19.400
22	1.68	19.050	1.69	18.710	1.70	18.130	1.71	17.520	1.72	18.880	1.73	10.050	1.74	4.240	1.75	-1.560
23	1.76	-7.370	1.77	-5.760	1.78	-4.150	1.79	0.540	1.80	0.900	1.81	1.270	1.82	1.630	1.83	2.000
24	1.84	2.360	1.85	2.730	1.86	-4.730	1.87	-13.490	1.88	-18.690	1.89	-14.700	1.90	-10.520	1.91	-6.330
25	1.92	-2.140	1.93	-1.700	1.94	-1.250	1.95	-0.830	1.96	-9.210	1.97	-8.520	1.98	-6.430	1.99	-4.340
26	2.00	-2.240	2.01	-0.150	2.02	7.250	2.03	15.100	2.04	12.410	2.05	4.030	2.06	-2.180	2.07	-2.930
27	2.08	-3.690	2.09	-4.450	2.10	-5.200	2.11	0.910	2.12	-5.630	2.13	-8.190	2.14	-5.430	2.15	-2.670
28	2.16	0.090	2.17	2.850	2.18	6.610	2.19	10.530	2.20	-3.640	2.21	5.590	2.22	11.520	2.23	9.240
29	2.24	6.960	2.25	4.670	2.26	2.390	2.27	-3.660	2.28	-11.220	2.29	-12.430	2.30	-5.190	2.31	8.790
30	2.32	12.160	2.33	15.330	2.34	18.900	2.35	22.280	2.36	18.050	2.37	2.620	2.38	-15.500	2.39	-11.040
31	2.40	-6.570	2.41	-2.110	2.42	2.350	2.43	-2.220	2.44	5.950	2.45	7.790	2.46	7.140	2.47	6.490
32	2.48	5.040	2.49	5.190	2.50	5.510	2.51	18.250	2.52	20.480	2.53	14.850	2.54	9.220	2.55	3.590
33	2.56	-0.140	2.57	2.340	2.58	4.810	2.59	7.280	2.60	9.750	2.61	9.490	2.62	5.590	2.63	0.110
34	2.64	2.310	2.65	4.520	2.66	6.720	2.67	8.930	2.68	6.100	2.69	-0.490	2.70	-12.200	2.71	-10.380
35	2.72	-8.560	2.73	-6.750	2.74	-4.930	2.75	-3.580	2.76	-2.410	2.77	-1.240	2.78	-0.080	2.79	1.090
36	2.80	2.260	2.81	3.430	2.82	-6.360	2.83	-4.530	2.84	-2.710	2.85	-0.890	2.86	0.930	2.87	2.750
37	2.88	9.890	2.89	7.070	2.90	4.250	2.91	1.430	2.92	-1.390	2.93	-4.220	2.94	-7.040	2.95	-8.830
38	2.96	-4.420	2.97	-0.010	2.98	4.400	2.99	8.810	3.00	4.060	3.01	3.420	3.02	2.590	3.03	1.290
39	3.04	-0.010	3.05	-1.300	3.06	-2.600	3.07	-6.970	3.08	-3.970	3.09	-2.280	3.10	-2.320	3.11	-2.730
40	3.12	-2.420	3.13	-2.460	3.14	-1.570	3.15	-0.530	3.16	0.510	3.17	1.560	3.18	2.630	3.19	3.760
41	3.20	12.290	3.21	8.170	3.22	4.050	3.23	-0.070	3.24	-4.190	3.25	-7.280	3.26	-5.000	3.27	-1.970
42	3.28	1.480	3.29	0.990	3.30	0.500	3.31	0.010	3.32	-0.150	3.33	-0.080	3.34	-0.390	3.35	-1.690
43	3.36	-2.980	3.37	-4.280	3.38	-5.570	3.39	-6.250	3.40	-6.670	3.41	-7.090	3.42	-7.510	3.43	-7.930
44	3.44	-5.460	3.45	-3.380	3.46	-2.790	3.47	-2.450	3.48	-2.110	3.49	-1.770	3.50	-0.430	3.51	3.400
45	3.52	7.230	3.53	3.920	3.54	0.610	3.55	-2.710	3.56	-6.020	3.57	4.010	3.58	8.330	3.59	11.760
46	3.60	9.870	3.61	7.980	3.62	6.090	3.63	4.210	3.64	7.420	3.65	7.700	3.66	7.980	3.67	8.260
47	3.68	8.530	3.69	8.810	3.70	9.090	3.71	1.410	3.72	2.010	3.73	2.610	3.74	3.210	3.75	3.820
48	3.76	-1.100	3.77	-5.330	3.78	-1.010	3.79	-1.030	3.80	-1.050	3.81	-1.070	3.82	-1.090	3.83	-4.020
49	3.84	-1.310	3.85	-1.690	3.86	-2.070	3.87	-2.450	3.88	-2.840	3.89	-3.220	3.90	-3.600	3.91	-3.980
50	3.92	-0.560	3.93	0.160	3.94	0.880	3.95	1.600	3.96	4.920	3.97	4.560	3.98	-2.190	3.99	0.180
51	4.00	2.550	4.01	2.400	4.02	2.260	4.03	2.460	4.04	2.810	4.05	3.160	4.06	3.500	4.07	3.840
52	4.08	0.150	4.09	-3.040	4.10	-1.750	4.11	0.280	4.12	2.310	4.13	4.350	4.14	-5.600	4.15	-3.040
53	4.16	-0.290	4.17	-0.730	4.18	-1.170	4.19	-1.600	4.20	-2.040	4.21	-2.480	4.22	-2.920	4.23	-3.360
54	4.24	1.120	4.25	0.110	4.26	-0.910	4.27	-1.930	4.28	-6.480	4.29	-4.980	4.30	-3.480	4.31	-1.980
55	4.32	-0.480	4.33	-2.520	4.34	-4.560	4.35	-6.600	4.36	-4.520	4.37	-4.160	4.38	-3.800	4.39	-3.440
56	4.40	1.330	4.41	-0.560	4.42	-4.270	4.43	-3.510	4.44	-2.760	4.45	-2.010	4.46	-1.260	4.47	-0.510
57	4.48	-3.930	4.49	-4.120	4.50	-4.300	4.51	-4.490	4.52	-4.680	4.53	-4.870	4.54	-5.060	4.55	-5.250
58	4.56	1.790	4.57	0.940	4.58	0.840	4.59	0.180	4.60	-0.470	4.61	-1.120	4.62	-1.770	4.63	-2.420
59	4.64	9.750	4.65	7.830	4.66	5.910	4.67	3.990	4.68	2.070	4.69	0.220	4.70	-1.630	4.71	-3.470
60	4.72	2.330	4.73	1.660	4.74	0.980	4.75	0.310	4.76	-0.370	4.77	-1.040	4.78	-1.660	4.79	-2.280
61	4.80	-2.610	4.81	-3.080	4.82	-3.550	4.83	-4.020	4.84	-4.500	4.85	-4.980	4.86	-5.460	4.87	-5.940
62	4.88	-6.860	4.89	-8.120	4.90	-9.380	4.91	-10.640	4.92	-11.900	4.93	-13.160	4.94	-14.420	4.95	-15.680
63	4.96	-7.600	4.97	-8.730	4.98	-9.860	4.99	-10.990	5.00	-12.120	5.01	-13.250	5.02	-14.380	5.03	-15.510
64	5.04	-2.130	5.05	-2.480	5.06	-1.990	5.07	-1.370	5.08	-0.490	5.09	0.590	5.10	1.670	5.11	2.740
65	5.12	3.620	5.13	4.900	5.14	5.970	5.15	6.540	5.16	6.910	5.17	7.280	5.18	7.650	5.19	8.020
66	5.20	7.620	5.21	7.320	5.22	7.020	5.23	6.720	5.24	6.420	5.25	6.120	5.26	5.820	5.27	5.520
67	5.28	-0.630	5.29	-0.740	5.30	-0.860	5.31	-0.980	5.32	-1.100	5.33	-1.220	5.34	-1.340	5.35	-1.460
68	5.36	-1.640	5.37	-1.810	5.38	-1.990	5.39	-2.170	5.40	-2.350	5.41	-2.530	5.42	-2.710	5.43	-2.890
69	5.44	-1.290	5.45	-1.580	5.46	-1.860	5.47	-2.150	5.48	-2.440	5.49	-2.720	5.50	-3.010	5.51	-3.300
70	5.52	-6.440	5.53	-6.910	5.54	-7.380	5.55	-7.850	5.56	-8.320	5.57	-8.790	5.58	-9.260	5.59	-9.730
71	5.60	-2.110	5.61	-1.040	5.62	4.200	5.63	1.700	5.64	-3.070	5.65	-5.260	5.66	-3.990	5.67	-2.720
72	5.68	-1.460	5.69	-0.190	5.70	1.080										

Digitized Accelerogram of Earthquake Record with Index Number E-26 (7-2-X_T)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-3.540	0.00	-5.520	0.01	-6.210	0.01	-6.240	0.02	-6.190	0.02	-6.020	0.03	-2.760	0.03	-1.960
2	0.04	-1.150	0.04	-0.270	0.05	-0.620	0.05	-2.110	0.06	-4.070	0.06	-5.220	0.07	-0.380	0.07	-7.180
3	0.08	-7.250	0.08	-0.690	0.09	-5.200	0.09	-5.360	0.10	-6.300	0.10	-4.220	0.11	-3.340	0.11	-3.050
4	0.12	-2.540	0.12	-1.900	0.13	-1.250	0.13	-3.290	0.14	-8.300	0.14	-6.490	0.15	-4.310	0.15	-2.220
5	0.16	-0.680	0.16	-1.280	0.17	-1.850	0.17	-2.390	0.18	-2.720	0.18	-2.940	0.19	-7.290	0.19	-8.500
6	0.20	-9.710	0.20	-10.300	0.21	-8.980	0.21	-7.760	0.22	-6.390	0.22	-3.830	0.23	-2.000	0.23	-1.710
7	0.24	-2.500	0.24	-3.490	0.25	-5.420	0.25	-6.860	0.26	-7.540	0.26	-5.470	0.27	-4.280	0.27	-0.930
8	0.28	-0.870	0.28	-2.640	0.29	-9.730	0.29	-7.590	0.30	-5.140	0.30	-5.920	0.31	-7.270	0.31	-8.790
9	0.32	-12.250	0.32	-4.470	0.33	-0.040	0.33	-1.740	0.34	-4.020	0.34	-7.580	0.35	-2.380	0.35	-0.180
10	0.36	-3.890	0.36	-4.850	0.37	-1.030	0.37	3.990	0.38	2.630	0.38	2.830	0.39	2.130	0.39	3.100
11	0.40	-2.000	0.40	-4.970	0.41	-0.410	0.41	-0.070	0.42	-0.380	0.42	-3.690	0.43	-1.400	0.43	-1.560
12	0.44	-5.920	0.44	-3.480	0.45	-0.070	0.45	-0.070	0.46	-0.380	0.46	-3.690	0.47	-2.850	0.47	-3.110
13	0.48	-5.210	0.48	-1.280	0.49	-0.410	0.49	-0.070	0.50	-0.380	0.50	-3.690	0.51	-1.400	0.51	-2.540
14	0.52	-3.040	0.52	-1.280	0.53	-1.390	0.53	-3.880	0.54	-5.350	0.54	-3.440	0.55	-1.340	0.55	-0.770
15	0.56	-1.970	0.56	-3.490	0.57	-0.650	0.57	-3.920	0.58	-5.290	0.58	-5.200	0.59	-5.010	0.59	-5.370
16	0.60	-1.230	0.60	-0.660	0.61	-0.660	0.61	-2.010	0.62	-8.820	0.62	-8.950	0.63	-10.680	0.63	-11.930
17	0.64	-1.100	0.64	-3.450	0.65	-3.450	0.65	-3.450	0.66	-3.450	0.66	-3.450	0.67	-2.510	0.67	-9.900
18	0.68	-4.450	0.68	-3.450	0.69	-3.450	0.69	-3.450	0.70	-3.450	0.70	-3.450	0.71	-2.580	0.71	-5.520
19	0.72	-6.300	0.72	-3.040	0.73	-3.040	0.73	-3.040	0.74	-3.040	0.74	-3.040	0.75	-0.210	0.75	-1.080
20	0.76	-7.350	0.76	-9.570	0.77	-8.150	0.77	-8.150	0.78	-8.150	0.78	-8.150	0.79	-0.750	0.79	-1.080
21	0.80	-10.690	0.80	-7.720	0.81	-6.600	0.81	-6.600	0.82	-6.600	0.82	-6.600	0.83	-1.830	0.83	-1.080
22	0.84	-2.460	0.84	-3.320	0.85	-4.330	0.85	-3.580	0.86	-0.660	0.86	2.340	0.87	1.840	0.87	1.110
23	0.88	-2.600	0.88	-1.760	0.89	-0.660	0.89	-1.420	0.90	-3.280	0.90	-3.600	0.91	-1.010	0.91	1.440
24	0.92	-1.270	0.92	-0.970	0.93	-0.970	0.93	-0.970	0.94	-0.970	0.94	-0.970	0.95	-0.970	0.95	0.500
25	0.96	-1.330	0.96	-0.970	0.97	-0.970	0.97	-0.970	0.98	-0.970	0.98	-0.970	0.99	-0.970	0.99	3.690
26	1.00	-1.950	1.00	-1.010	1.01	-1.070	1.01	-1.070	1.02	-1.070	1.02	-1.070	1.03	-1.070	1.03	4.150
27	1.04	-4.730	1.04	-4.960	1.05	-5.660	1.05	-6.820	1.06	-7.580	1.06	-0.290	1.07	-2.080	1.07	0.100
28	1.08	-3.660	1.08	-6.200	1.09	-1.480	1.09	-1.700	1.10	-1.020	1.10	0.280	1.11	-0.810	1.11	-1.770
29	1.12	-0.340	1.12	-5.200	1.13	-1.480	1.13	-3.080	1.14	-3.110	1.14	4.740	1.15	-3.000	1.15	-1.600
30	1.16	-0.580	1.16	-5.200	1.17	-5.200	1.17	-5.200	1.18	-5.200	1.18	-5.200	1.19	-5.200	1.19	-0.190
31	1.20	-3.020	1.20	-3.200	1.21	-0.210	1.21	0.590	1.22	1.390	1.22	3.470	1.23	7.250	1.23	0.310
32	1.24	-2.650	1.24	7.890	1.25	1.450	1.25	-0.230	1.26	0.610	1.26	1.530	1.27	2.030	1.27	1.790
33	1.28	-9.700	1.28	0.840	1.29	0.500	1.29	-1.190	1.30	-3.800	1.30	-5.100	1.31	-6.540	1.31	-4.750
34	1.32	-1.130	1.32	-1.980	1.33	-0.970	1.33	-1.920	1.34	-1.920	1.34	-1.920	1.35	-2.270	1.35	-2.040
35	1.36	-3.030	1.36	-0.800	1.37	-0.280	1.37	-0.280	1.38	-0.280	1.38	-0.280	1.39	-0.280	1.39	2.250
36	1.40	-1.320	1.40	-0.160	1.41	-1.940	1.41	-2.250	1.42	-0.760	1.42	0.240	1.43	0.480	1.43	2.090
37	1.44	-2.650	1.44	4.270	1.45	4.790	1.45	6.750	1.46	9.540	1.46	7.380	1.47	5.960	1.47	5.050
38	1.48	-3.510	1.48	0.020	1.49	-0.270	1.49	0.920	1.50	4.490	1.50	5.550	1.51	5.520	1.51	4.940
39	1.52	-0.660	1.52	2.760	1.53	2.760	1.53	2.760	1.54	2.760	1.54	2.760	1.55	-2.210	1.55	-2.430
40	1.56	-4.150	1.56	0.050	1.57	1.390	1.57	1.570	1.58	0.610	1.58	-0.330	1.59	-1.010	1.59	-1.980
41	1.60	-2.190	1.60	0.510	1.61	0.510	1.61	2.050	1.62	3.580	1.62	4.740	1.63	5.000	1.63	3.080
42	1.64	-3.030	1.64	-1.330	1.65	-1.490	1.65	-1.560	1.66	-1.560	1.66	-1.560	1.67	-1.560	1.67	2.150
43	1.68	-1.760	1.68	-0.060	1.69	-0.060	1.69	-0.060	1.70	-0.060	1.70	-0.060	1.71	-0.060	1.71	2.800
44	1.72	-3.150	1.72	5.290	1.73	6.530	1.73	6.530	1.74	6.530	1.74	6.530	1.75	-2.790	1.75	-3.640
45	1.76	-4.050	1.76	-1.820	1.77	-1.820	1.77	-1.820	1.78	-1.820	1.78	-1.820	1.79	-1.820	1.79	6.390
46	1.80	-2.800	1.80	2.200	1.81	7.350	1.81	6.930	1.82	5.910	1.82	6.650	1.83	4.240	1.83	3.950
47	1.84	-1.940	1.84	5.610	1.85	5.610	1.85	5.610	1.86	5.610	1.86	5.610	1.87	7.810	1.87	6.260
48	1.88	-7.420	1.88	5.910	1.89	5.910	1.89	5.910	1.90	5.910	1.90	5.910	1.91	4.370	1.91	4.010
49	1.92	-6.050	1.92	5.820	1.93	5.820	1.93	5.820	1.94	5.820	1.94	5.820	1.95	2.280	1.95	2.670
50	1.96	-6.580	1.96	6.620	1.97	6.620	1.97	6.620	1.98	6.620	1.98	6.620	1.99	6.620	1.99	6.620
51	2.00	-4.100	2.00	6.620	2.01	6.620	2.01	6.620	2.02	6.620	2.02	6.620	2.03	6.620	2.03	6.620
52	2.04	-4.640	2.04	6.620	2.05	6.620	2.05	6.620	2.06	6.620	2.06	6.620	2.07	6.620	2.07	6.620
53	2.08	-7.080	2.08	6.620	2.09	6.620	2.09	6.620	2.10	6.620	2.10	6.620	2.11	6.620	2.11	6.620
54	2.12	-6.180	2.12	6.620	2.13	6.620	2.13	6.620	2.14	6.620	2.14	6.620	2.15	6.620	2.15	6.620
55	2.16	-5.370	2.16	6.620	2.17	6.620	2.17	6.620	2.18	6.620	2.18	6.620	2.19	6.620	2.19	6.620
56	2.20	-6.070	2.20	6.620	2.21	6.620	2.21	6.620	2.22	6.620	2.22	6.620	2.23	6.620	2.23	6.620
57	2.24	-5.510	2.24	6.620	2.25	6.620	2.25	6.620	2.26	6.620	2.26	6.620	2.27	6.620	2.27	6.620
58	2.28	-3.760	2.28	6.620	2.29	6.620	2.29	6.620	2.30	6.620	2.30	6.620	2.31	6.620	2.31	6.620
59	2.32	-7.230	2.32	6.620	2.33	6.620	2.33	6.620	2.34	6.620	2.34	6.620	2.35	6.620	2.35	6.620
60	2.36	-4.810	2.36	6.620	2.37	6.620	2.37	6.620	2.38	6.620	2.38	6.620	2.39	6.620	2.39	6.620
61	2.40	-4.740	2.40	6.620	2.41	6.620	2.41	6.620	2.42	6.620	2.42	6.620	2.43	6.620	2.43	6.620
62	2.44	-6.960	2.44	6.620	2.45	6.620	2.45	6.620	2.46	6.620	2.46	6.620	2.47	6.620	2.47	6.620
63	2.48	-6.700	2.48	6.620	2.49	6.620	2.49	6.620	2.50	6.620	2.50	6.620	2.51	6.620	2.51	6.620
64	2.52	-5.130	2.52	6.620	2.53	6.620	2.53	6.620	2.54	6.620	2.54	6.620	2.55	6.620	2.55	6.620
65	2.56	-3.350	2.56	6.620	2.57	6.620	2.57	6.620	2.58	6.620	2.58	6.620	2.59	6.620	2.59	6.620
66	2.60	-7.320	2.60	6.620	2.61	6.620	2.61	6.620	2.62	6.620	2.62	6.620	2.63	6.620	2.63	6.620
67	2.64	-4.660	2.64	6.620	2.65	6.620	2.65	6.620	2.66	6.620	2.66	6.620	2.67	6.620	2.67	6.620
68	2.68	-0.400	2.68	6.620	2.69	6.620	2.69	6.620	2.70	6.620	2.70	6.620	2.71	6.620	2.71	6.620
69	2.72	-5.190	2.72	6.620	2.73	6.620	2.73	6.620	2.74	6.620	2.74	6.620	2.75	6.620	2.75	6.620
70	2.76	-2.150	2.76	6.620	2.77	6.620	2.77	6.620	2.78	6.620	2.78	6.620	2.79	6.620	2.79	6.620
71	2.80	-1.370	2.80	6.620	2.81	6.620	2.81	6.620	2.82	6.620	2.82	6.620	2.83	6.620	2.83	6.620
72	2.84	-4.770	2.84	6.620	2.85	6.620	2.85	6.620	2.86	6.620	2.86	6.620	2.87	6.620	2.87	6.620
73	2.88	-1.050	2.88	6.620	2.89	6.620	2.89	6.620	2.90	6.620	2.90	6.620	2.91	6.620	2.91	6.620
74	2.92	-1.250	2.92	6.620	2.93	6.620	2.93	6.620	2.94	6.620	2.94	6.620	2.95	6.620	2.95	6.620
75	2.96	-5.030	2													

127	5.04	-3.310	5.04	-1.240	5.05	-0.350	5.05	0.040	5.06	0.230	5.06	0.280	5.07	0.280	5.07	0.960
128	5.08	-2.370	5.08	-0.040	5.09	1.000	5.09	-1.540	5.10	-0.890	5.10	-7.920	5.11	-0.890	5.11	-6.860
129	5.12	-4.030	5.12	-0.830	5.13	0.350	5.13	-4.540	5.14	0.350	5.14	7.300	5.15	0.260	5.15	0.260
130	5.16	-3.920	5.16	-1.590	5.17	-1.400	5.17	-0.400	5.18	-0.830	5.18	7.910	5.19	-7.460	5.19	-4.830
131	5.20	-2.640	5.20	-2.360	5.21	0.600	5.21	7.160	5.22	-0.230	5.22	-0.990	5.23	-0.990	5.23	-4.510
132	5.24	-12.940	5.24	-11.590	5.25	-5.850	5.25	-0.920	5.26	3.680	5.26	4.840	5.27	5.750	5.27	6.500
133	5.28	4.370	5.28	-0.470	5.29	-6.470	5.29	-4.290	5.30	-1.160	5.30	-0.290	5.31	0.300	5.31	0.650
134	5.32	3.230	5.32	5.240	5.33	5.220	5.33	0.850	5.34	-6.730	5.34	-11.690	5.35	-15.820	5.35	-15.420
135	5.36	-10.110	5.36	3.640	5.37	13.430	5.37	14.310	5.38	11.020	5.38	1.360	5.39	-7.650	5.39	-12.880
136	5.40	-12.740	5.40	-10.010	5.41	-9.810	5.41	-9.970	5.42	-9.610	5.42	-8.770	5.43	-7.270	5.43	-3.320
137	5.44	3.220	5.44	0.560	5.45	7.450	5.45	7.230	5.46	6.410	5.46	6.780	5.47	6.160	5.47	8.980
138	5.48	0.660	5.48	7.490	5.49	-1.250	5.49	-2.640	5.50	3.950	5.50	-5.520	5.51	-5.640	5.51	-2.620
139	5.52	-1.630	5.52	-1.600	5.53	-1.250	5.53	-2.640	5.54	3.950	5.54	4.200	5.55	6.510	5.55	4.370
140	5.56	-0.600	5.56	1.010	5.57	2.480	5.57	2.440	5.58	3.080	5.58	3.560	5.59	4.080	5.59	2.000
141	5.60	2.690	5.60	0.240	5.61	0.430	5.61	0.170	5.62	1.080	5.62	2.040	5.63	5.620	5.63	6.980
142	5.64	-0.500	5.64	-2.500	5.65	-2.000	5.65	-0.170	5.66	1.080	5.66	2.040	5.67	5.620	5.67	6.980
143	5.68	0.800	5.68	15.190	5.69	10.810	5.69	20.920	5.70	21.240	5.70	19.460	5.71	18.670	5.71	12.930
144	5.72	9.150	5.72	1.150	5.73	-2.150	5.73	-2.230	5.74	-1.610	5.74	0.940	5.75	0.730	5.75	-3.330
145	5.76	-6.010	5.76	-7.940	5.77	-9.790	5.77	-11.190	5.78	-10.620	5.78	-9.330	5.79	-8.710	5.79	-10.480
146	5.80	-16.510	5.80	-20.680	5.81	-21.760	5.81	-20.500	5.82	-21.190	5.82	-22.770	5.83	-23.280	5.83	-15.410
147	5.84	-5.840	5.84	-1.650	5.85	1.520	5.85	-2.740	5.86	-15.340	5.86	-20.620	5.87	-20.830	5.87	-18.250
148	5.88	-12.130	5.88	-5.160	5.89	-2.000	5.89	0.040	5.90	2.620	5.90	1.850	5.91	-0.300	5.91	-0.860
149	5.92	-13.220	5.92	-11.510	5.93	-9.110	5.93	-8.440	5.94	-14.970	5.94	-14.970	5.95	-20.900	5.95	-20.900
150	5.96	-23.490	5.96	-14.050	5.97	-6.240	5.97	3.500	5.98	15.120	5.98	21.950	5.99	25.190	5.99	26.900
151	6.00	26.540	6.00	26.230	6.01	24.470	6.01	18.060	6.02	10.790	6.02	7.520	6.03	6.160	6.03	1.540
152	6.04	-2.480	6.04	-7.250	6.05	-13.230	6.05	-15.640	6.06	-14.840	6.06	-4.270	6.07	5.550	6.07	13.640
153	6.08	19.120	6.08	22.280	6.09	21.840	6.09	21.820	6.10	21.810	6.10	17.750	6.11	10.620	6.11	-0.990
154	6.12	-8.430	6.12	-7.070	6.13	-5.490	6.13	-3.120	6.14	-1.700	6.14	-1.670	6.15	-3.350	6.15	-2.580
155	6.16	-0.350	6.16	1.410	6.17	3.450	6.17	2.480	6.18	1.230	6.18	-0.640	6.19	-3.540	6.19	-7.540
156	6.20	-12.810	6.20	-17.270	6.21	-18.800	6.21	-19.570	6.22	-12.120	6.22	-4.130	6.23	-0.940	6.23	1.010
157	6.24	-2.660	6.24	-3.690	6.25	0.320	6.25	1.920	6.26	-1.020	6.26	-7.650	6.27	-14.670	6.27	-18.240
158	6.28	-14.590	6.28	-7.730	6.29	-4.710	6.29	-1.120	6.30	-3.310	6.30	-9.220	6.31	-9.220	6.31	-7.160
159	6.32	-2.760	6.32	-2.340	6.33	-3.170	6.33	-11.310	6.34	-11.020	6.34	-4.750	6.35	-3.360	6.35	0.030
160	6.36	11.560	6.36	14.670	6.37	16.730	6.37	16.580	6.38	15.740	6.38	13.160	6.39	8.130	6.39	7.180
161	6.40	6.840	6.40	8.700	6.41	9.770	6.41	6.960	6.42	5.010	6.42	3.650	6.43	2.760	6.43	2.830
162	6.44	5.200	6.44	8.150	6.45	8.430	6.45	6.760	6.46	5.510	6.46	4.450	6.47	4.840	6.47	4.190
163	6.48	5.250	6.48	6.300	6.49	5.890	6.49	2.140	6.50	-3.970	6.50	-2.960	6.51	1.190	6.51	6.770
164	6.52	11.980	6.52	15.820	6.53	16.270	6.53	11.830	6.54	5.980	6.54	1.680	6.55	-3.070	6.55	-4.100
165	6.56	-0.870	6.56	2.180	6.57	2.960	6.57	3.980	6.58	4.530	6.58	7.990	6.59	10.710	6.59	9.130
166	6.60	1.990	6.60	-4.410	6.61	-7.470	6.61	-5.450	6.62	-4.150	6.62	-4.300	6.63	-8.210	6.63	-11.170
167	6.64	-13.430	6.64	-9.570	6.65	-3.850	6.65	-2.720	6.66	-3.010	6.66	-4.240	6.67	-5.630	6.67	-6.020
168	6.68	-6.500	6.68	-5.690	6.69	-6.270	6.69	-9.410	6.70	-12.330	6.70	-13.160	6.71	-12.990	6.71	-12.650
169	6.72	-12.550	6.72	-11.920	6.73	-10.130	6.73	-7.420	6.74	-2.350	6.74	1.150	6.75	2.680	6.75	3.140
170	6.76	4.760	6.76	8.960	6.77	13.190	6.77	13.160	6.78	7.980	6.78	1.370	6.79	-1.270	6.79	-2.490
171	6.80	-1.530	6.80	0.750	6.81	1.850	6.81	2.620	6.82	3.810	6.82	6.270	6.83	9.930	6.83	11.470
172	6.84	8.760	6.84	5.660	6.85	3.620	6.85	2.710	6.86	4.830	6.86	8.160	6.87	10.190	6.87	9.700
173	6.88	8.410	6.88	6.050	6.89	3.690	6.89	1.560	6.90	-0.540	6.90	-0.040	6.91	1.290	6.91	0.520
174	6.92	-0.060	6.92	-1.900	6.93	-8.990	6.93	-11.390	6.94	-8.460	6.94	-8.460	6.95	-4.670	6.95	-2.440
175	6.96	-0.790	6.96	0.950	6.97	0.040	6.97	-4.160	6.98	-5.620	6.98	-2.920	6.99	-0.710	6.99	0.800
176	7.00	2.350	7.00	2.470	7.01	1.630	7.01	0.880	7.02	1.940	7.02	4.260	7.03	4.950	7.03	4.890
177	7.04	4.480	7.04	3.920	7.05	3.050	7.05	2.420	7.06	2.300	7.06	3.240	7.07	3.070	7.07	2.700
178	7.08	3.710	7.08	5.590	7.09	6.410	7.09	6.710	7.10	6.220	7.10	2.410	7.11	-0.970	7.11	-1.300
179	7.12	1.670	7.12	2.440	7.13	3.210	7.13	4.060	7.14	4.410	7.14	5.090	7.15	5.550	7.15	6.580
180	7.16	6.380	7.16	4.380	7.17	-0.510	7.17	-0.410	7.18	2.770	7.18	4.470	7.19	3.060	7.19	1.470
181	7.20	-0.330	7.20	-0.920	7.21	-1.510	7.21	-2.080	7.22	-2.210	7.22	-2.500	7.23	-2.540	7.23	-2.040
182	7.24	0.470	7.24	2.380	7.25	2.530	7.25	1.600	7.26	2.680	7.26	4.720	7.27	7.060	7.27	7.740
183	7.28	7.750	7.28	10.300	7.29	11.420	7.29	12.240	7.30	10.970	7.30	5.200	7.31	0.330	7.31	-1.080
184	7.32	-1.620	7.32	0.020	7.33	2.190	7.33	6.790	7.34	5.940	7.34	3.720	7.35	2.170	7.35	1.980
185	7.36	2.270	7.36	2.030	7.37	1.810	7.37	1.720	7.38	1.430	7.38	-0.120	7.39	-1.570	7.39	-0.950
186	7.40	0.400	7.40	-0.190	7.41	-1.420	7.41	-0.400	7.42	3.430	7.42	0.420	7.43	-1.150	7.43	-0.430
187	7.44	-5.530	7.44	-3.190	7.45	-1.720	7.45	-0.760	7.46	0.040	7.46	2.360	7.47	3.310	7.47	3.850
188	7.48	4.280	7.48	3.110	7.49	2.070	7.49	3.640	7.50	5.270	7.50	4.590	7.51	3.220	7.51	3.450
189	7.52	4.050	7.52	5.650	7.53	7.410	7.53	7.180	7.54	6.680	7.54	6.190	7.55	4.990	7.55	5.020
190	7.56	5.590	7.56	6.100	7.57	5.620	7.57	3.720	7.58	2.930	7.58	2.160	7.59	-0.310	7.59	-2.560
191	7.60	-2.950	7.60	-0.410	7.61	1.150	7.61	4.100	7.62	4.230	7.62	2.610	7.63	0.980	7.63	-1.130
192	7.64	-1.960	7.64	-2.170	7.65	-2.830	7.65	-3.720	7.66	-4.000	7.66	-2.030	7.67	4.460	7.67	4.720
193	7.68	-1.910	7.68	2.660	7.69	0.590	7.69	-0.620	7.70	-1.080	7.70	0.340	7.71	1.180	7.71	2.560
194	7.72	3.330	7.72	2.110	7.73	0.140	7.73	-1.320	7.74	0.450	7.74	1.090	7.75	-1.320	7.75	-5.250
195	7.76	-8.820	7.76	-7.660	7.77	-4.640	7.77	-0.620	7.78	3.970	7.78	5.970	7.79	7.790	7.79	6.130
196	7.80	3.940	7.80	3.300	7.81	3.700	7.81	3.610	7.82	2.150	7.82	1.350	7.83	1.620	7.83	1.620
197	7.84	2.100	7.84	1.280	7.85	-0.600	7.85	-2.400	7.86	-3.920	7.86	-4.320	7.87	-4.440	7.87	-4.250
198	7.88	-2.530	7.88	-0.070	7.89	2.590	7.89	3.230	7.90	3.210	7.90	2.320	7.91	2.040	7.91	3.080
199	7.92	2.620	7.92	2.790	7.93	3.530	7.93	4.010	7.94	2.790	7.94	1.050	7.95	1.360	7.95	2.600
200	7.96	3.620	7.96	3.330	7.97	2.900	7.97	3.130	7.98	5.820	7.98	6.880	7.99	8.990	7.99	7.100
201	8.00	5.230	8.00	3.9												

Digitized Accelerogram of Earthquake Record with Index Number E-27 (7-2-Y_T)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-6.470	0.00	-7.950	0.01	-7.590	0.01	-6.690	0.02	-6.580	0.02	-7.230	0.03	-6.090	0.03	-5.380
2	0.04	-6.660	0.04	-3.950	0.05	-3.890	0.05	-5.330	0.06	-7.830	0.06	-8.990	0.07	-8.730	0.07	-8.110
3	0.08	-6.760	0.08	-7.470	0.09	-8.510	0.09	-8.760	0.10	-7.130	0.10	-5.890	0.11	-6.250	0.11	-4.950
4	0.12	-3.550	0.12	-2.870	0.13	-4.620	0.13	-7.120	0.14	-7.820	0.14	-6.740	0.15	-4.960	0.15	-4.800
5	0.16	-6.230	0.16	-5.670	0.17	-5.530	0.17	-5.300	0.18	-5.760	0.18	-6.130	0.19	-7.300	0.19	-7.960
6	0.20	-8.620	0.20	-6.370	0.21	-8.090	0.21	-6.460	0.22	-4.390	0.22	-6.130	0.23	-6.130	0.23	-6.190
7	0.24	-6.920	0.24	-6.600	0.25	-6.580	0.25	-6.460	0.26	-6.340	0.26	-5.160	0.27	-5.130	0.27	-4.950
8	0.28	-4.330	0.28	-5.690	0.29	-6.430	0.29	-6.620	0.30	-6.720	0.30	-6.400	0.31	-7.150	0.31	-7.690
9	0.32	-7.050	0.32	-7.000	0.33	-6.950	0.33	-5.960	0.34	-5.650	0.34	-5.600	0.35	-6.010	0.35	-5.820
10	0.36	-4.150	0.36	-2.970	0.37	-3.520	0.37	-4.250	0.38	-4.970	0.38	-4.700	0.39	-3.640	0.39	-3.820
11	0.40	-4.040	0.40	-4.860	0.41	-7.000	0.41	-6.950	0.42	-6.680	0.42	-6.500	0.43	-3.560	0.43	-5.260
12	0.44	-3.420	0.44	-1.810	0.45	0.400	0.45	-0.200	0.46	-1.350	0.46	-0.640	0.47	0.850	0.47	2.070
13	0.48	-2.260	0.48	-1.630	0.49	2.110	0.49	2.260	0.50	1.280	0.50	-1.330	0.51	-2.520	0.51	-4.780
14	0.52	-0.620	0.52	-11.800	0.53	-10.470	0.53	-6.160	0.54	-3.730	0.54	-3.170	0.55	-2.670	0.55	-1.520
15	0.56	-0.890	0.56	0.190	0.57	2.180	0.57	-3.780	0.58	-6.580	0.58	-2.810	0.59	-3.250	0.59	-4.210
16	0.60	-2.400	0.60	-4.770	0.61	-5.080	0.61	-6.260	0.62	-6.370	0.62	-6.190	0.63	-5.980	0.63	-7.430
17	0.64	-8.530	0.64	-7.390	0.65	-5.570	0.65	-4.000	0.66	-2.230	0.66	-3.950	0.67	-4.430	0.67	-4.250
18	0.68	-2.700	0.68	-1.130	0.69	0.810	0.69	1.010	0.70	-0.830	0.70	0.950	0.71	4.940	0.71	1.610
19	0.72	-0.440	0.72	-2.890	0.73	-6.280	0.73	-5.100	0.74	-4.250	0.74	-7.080	0.75	-9.550	0.75	-7.310
20	0.76	-3.050	0.76	-2.780	0.77	-2.650	0.77	-1.880	0.78	1.130	0.78	4.180	0.79	1.060	0.79	-0.430
21	0.80	-2.280	0.80	-2.320	0.81	-2.960	0.81	-4.330	0.82	-5.200	0.82	-4.410	0.83	-2.600	0.83	0.610
22	0.84	-2.240	0.84	-1.970	0.85	-1.660	0.85	-0.300	0.86	-1.060	0.86	-0.680	0.87	0.00	0.87	1.160
23	0.88	-0.910	0.88	-1.060	0.89	-1.460	0.89	-1.510	0.90	-1.600	0.90	-1.850	0.91	-2.220	0.91	-2.880
24	0.92	0.300	0.92	0.050	0.93	0.240	0.93	-1.120	0.94	-2.080	0.94	-2.150	0.95	-2.760	0.95	-1.660
25	0.96	0.200	0.96	0.520	0.97	0.120	0.97	0.970	0.98	3.320	0.98	4.020	0.99	2.440	0.99	1.400
26	1.00	1.220	1.00	2.030	1.01	4.290	1.01	4.960	1.02	1.180	1.02	1.080	1.03	0.980	1.03	0.220
27	1.04	-1.220	1.04	-1.180	1.05	-0.550	1.05	-1.820	1.06	-2.610	1.06	-0.660	1.07	-1.770	1.07	-1.480
28	1.08	-0.300	1.08	2.060	1.09	2.020	1.09	0.170	1.10	-0.610	1.10	1.700	1.11	1.850	1.11	-4.420
29	1.12	-5.680	1.12	-7.010	1.13	-5.370	1.13	-3.020	1.14	-2.620	1.14	-3.190	1.15	0.680	1.15	0.610
30	1.16	-0.870	1.16	-1.980	1.17	-1.420	1.17	-0.430	1.18	0.520	1.18	1.330	1.19	1.760	1.19	0.760
31	1.20	-1.130	1.20	-3.870	1.21	-7.990	1.21	-7.050	1.22	-1.500	1.22	-1.060	1.23	0.430	1.23	1.470
32	1.24	3.650	1.24	5.080	1.25	3.550	1.25	2.760	1.26	1.730	1.26	3.170	1.27	6.120	1.27	5.740
33	1.28	2.650	1.28	2.470	1.29	1.160	1.29	4.120	1.30	4.960	1.30	2.710	1.31	2.330	1.31	3.080
34	1.32	2.410	1.32	1.430	1.33	1.160	1.33	0.420	1.34	-0.140	1.34	-0.520	1.35	-1.170	1.35	-2.960
35	1.36	-1.160	1.36	-0.240	1.37	1.540	1.37	-2.250	1.38	-2.780	1.38	-3.030	1.39	-0.630	1.39	-1.240
36	1.40	-1.700	1.40	-1.770	1.41	-1.840	1.41	-3.350	1.42	1.220	1.42	3.030	1.43	-3.290	1.43	-3.690
37	1.44	-4.570	1.44	-4.850	1.45	-5.130	1.45	-3.350	1.46	1.220	1.46	3.540	1.47	2.310	1.47	5.600
38	1.48	-6.730	1.48	6.170	1.49	5.840	1.49	5.850	1.50	5.500	1.50	5.510	1.51	2.410	1.51	1.810
39	1.52	0.930	1.52	1.590	1.53	1.990	1.53	2.060	1.54	2.070	1.54	2.540	1.55	3.000	1.55	3.010
40	1.56	1.050	1.56	1.500	1.57	1.840	1.57	2.320	1.58	3.200	1.58	5.510	1.59	5.410	1.59	5.030
41	1.60	4.350	1.60	3.110	1.61	1.740	1.61	-0.710	1.62	-1.310	1.62	-3.110	1.63	-3.270	1.63	-1.960
42	1.64	-0.410	1.64	1.350	1.65	0.360	1.65	-0.400	1.66	-0.450	1.66	-0.350	1.67	-0.370	1.67	-0.410
43	1.68	-0.030	1.68	1.790	1.69	0.770	1.69	0.170	1.70	-0.420	1.70	-1.610	1.71	-4.060	1.71	-3.190
44	1.72	-1.650	1.72	-0.280	1.73	0.770	1.73	0.860	1.74	3.860	1.74	4.830	1.75	2.690	1.75	4.090
45	1.76	3.630	1.76	4.640	1.77	6.160	1.77	6.010	1.78	6.940	1.78	4.580	1.79	3.950	1.79	4.170
46	1.80	4.620	1.80	4.510	1.81	3.950	1.81	4.430	1.82	4.510	1.82	4.580	1.83	3.460	1.83	4.400
47	1.84	4.690	1.84	4.130	1.85	3.580	1.85	2.080	1.86	2.430	1.86	2.770	1.87	3.460	1.87	4.340
48	1.88	3.450	1.88	2.550	1.89	1.650	1.89	-0.300	1.90	0.150	1.90	0.660	1.91	1.170	1.91	2.690
49	1.92	2.260	1.92	1.690	1.93	1.280	1.93	1.880	1.94	4.930	1.94	5.400	1.95	5.870	1.95	6.170
50	1.96	6.400	1.96	6.600	1.97	7.550	1.97	8.870	1.98	10.770	1.98	9.430	1.99	8.280	1.99	6.510
51	2.00	5.280	2.00	6.110	2.01	5.970	2.01	5.480	2.02	4.700	2.02	3.920	2.03	4.750	2.03	6.120
52	2.04	2.610	2.04	9.170	2.05	8.690	2.05	8.810	2.06	9.100	2.06	7.430	2.07	5.790	2.07	4.800
53	2.08	3.400	2.08	3.890	2.09	4.920	2.09	5.510	2.10	6.010	2.10	5.640	2.11	4.310	2.11	4.590
54	2.12	4.840	2.12	4.650	2.13	4.250	2.13	3.670	2.14	3.480	2.14	4.970	2.15	5.740	2.15	6.580
55	2.16	7.490	2.16	6.440	2.17	6.330	2.17	6.320	2.18	6.050	2.18	5.370	2.19	7.720	2.19	8.220
56	2.20	8.710	2.20	7.910	2.21	5.880	2.21	5.570	2.22	7.750	2.22	7.750	2.23	9.180	2.23	9.000
57	2.24	8.880	2.24	8.580	2.25	7.440	2.25	7.710	2.26	8.290	2.26	9.010	2.27	10.790	2.27	10.800
58	2.28	9.610	2.28	8.600	2.29	6.730	2.29	6.630	2.30	7.340	2.30	7.690	2.31	6.850	2.31	6.410
59	2.32	5.970	2.32	5.540	2.33	5.560	2.33	5.750	2.34	5.870	2.34	6.360	2.35	6.840	2.35	5.280
60	2.36	4.720	2.36	4.530	2.37	4.350	2.37	3.780	2.38	3.040	2.38	2.600	2.39	3.200	2.39	5.030
61	2.40	4.600	2.40	7.100	2.41	7.670	2.41	6.390	2.42	3.700	2.42	3.510	2.43	3.850	2.43	4.980
62	2.44	7.160	2.44	6.910	2.45	7.060	2.45	6.180	2.46	8.830	2.46	7.940	2.47	5.980	2.47	4.540
63	2.48	7.860	2.48	7.900	2.49	8.640	2.49	6.410	2.50	6.410	2.50	7.420	2.51	7.050	2.51	6.290
64	2.52	5.000	2.52	4.930	2.53	4.920	2.53	4.570	2.54	3.110	2.54	3.270	2.55	2.950	2.55	2.520
65	2.56	2.260	2.56	3.330	2.57	4.430	2.57	5.230	2.58	5.910	2.58	4.650	2.59	4.310	2.59	3.170
66	2.60	2.880	2.60	3.440	2.61	3.860	2.61	4.160	2.62	5.150	2.62	6.300	2.63	6.910	2.63	6.170
67	2.64	6.000	2.64	5.260	2.65	5.630	2.65	6.340	2.66	6.960	2.66	7.780	2.67	7.920	2.67	7.360
68	2.68	5.650	2.68	3.850	2.69	3.910	2.69	4.330	2.70	5.390	2.70	6.380	2.71	6.050	2.71	6.410
69	2.72	7.470	2.72	7.120	2.73	6.220	2.73	5.400	2.74	4.890	2.74	5.050	2.75	5.550	2.75	5.170
70	2.76	6.580	2.76	4.090	2.77	4.140	2.77	4.550	2.78	4.440	2.78	3.960	2.79	2.620	2.79	1.820
71	2.80	0.680	2.80	0.950	2.81	1.120	2.81	1.240	2.82	1.360	2.82	1.480	2.83	1.710	2.83	2.930
72	2.84	3.010	2.84	4.160	2.85	4.280	2.85	3.350	2.86	3.350	2.86	2.320	2.87	2.050	2.87	3.560
73	2.88	3.600	2.88	3.230	2.89	1.810	2.89	1.680	2.90	0.940	2.90	0.940	2.91	0.420	2.91	1.170
74	2.92	4.460	2.92	6.450	2.93	6.580	2.93	5.530	2.94	4.650	2.94	3.540	2.95	2.020	2.95	0.840
75	2.96	2.320	2.													

127	5.04	-4.330	5.04	-2.140	5.05	1.360	5.05	4.540	5.06	6.460	5.06	7.060	5.07	6.300	5.07	4.570
128	5.08	2.980	5.08	-3.000	5.09	-9.900	5.09	-12.930	5.10	-13.240	5.10	-10.370	5.11	-7.530	5.11	-2.950
129	5.12	-0.290	5.12	0.530	5.13	1.140	5.13	0.990	5.14	0.460	5.14	-0.650	5.15	-2.110	5.15	-3.770
130	5.16	-5.810	5.16	-8.080	5.17	-8.040	5.17	-3.760	5.18	-1.650	5.18	-0.500	5.19	0.640	5.19	2.500
131	5.20	3.470	5.20	4.110	5.21	6.400	5.21	6.500	5.22	2.180	5.22	0.580	5.23	-1.020	5.23	-0.710
132	5.24	1.450	5.24	5.600	5.25	7.830	5.25	6.820	5.26	3.510	5.26	-4.450	5.27	-10.040	5.27	-14.480
133	5.28	-17.290	5.28	-16.590	5.29	-7.140	5.29	1.860	5.30	6.810	5.30	7.040	5.31	7.090	5.31	6.090
134	5.32	1.760	5.32	-0.390	5.33	-4.250	5.33	-7.070	5.34	-0.960	5.34	-0.810	5.35	-8.510	5.35	-5.600
135	5.36	-0.560	5.36	3.070	5.37	3.550	5.37	3.780	5.38	1.990	5.38	1.320	5.39	0.710	5.39	1.910
136	5.40	4.810	5.40	7.140	5.41	9.080	5.41	9.010	5.42	4.710	5.42	0.600	5.43	-3.630	5.43	-4.180
137	5.44	-0.360	5.44	-13.350	5.45	-11.680	5.45	-10.250	5.46	-8.610	5.46	-1.330	5.47	2.200	5.47	5.010
138	5.48	4.500	5.48	2.660	5.49	0.550	5.49	0.440	5.50	0.380	5.50	0.210	5.51	-1.310	5.51	-3.180
139	5.52	-0.660	5.52	-2.700	5.53	1.780	5.53	4.060	5.54	7.680	5.54	10.970	5.55	14.450	5.55	14.160
140	5.56	9.690	5.56	3.340	5.57	-2.410	5.57	-5.050	5.58	-6.660	5.58	-5.460	5.59	-4.460	5.59	-4.040
141	5.60	-3.470	5.60	-2.830	5.61	-2.530	5.61	-1.880	5.62	-1.260	5.62	-0.820	5.63	-0.380	5.63	-0.180
142	5.64	-2.470	5.64	-6.660	5.65	-10.080	5.65	-17.200	5.66	-23.080	5.66	-23.460	5.67	-19.870	5.67	-17.430
143	5.68	-15.490	5.68	-14.450	5.69	-15.270	5.69	-19.070	5.70	-21.630	5.70	-22.690	5.71	-22.760	5.71	-22.540
144	5.72	-19.610	5.72	-13.460	5.73	-1.240	5.73	3.900	5.74	7.570	5.74	11.880	5.75	18.230	5.75	20.240
145	5.76	19.100	5.76	14.760	5.77	11.410	5.77	8.840	5.78	5.630	5.78	1.830	5.79	0.470	5.79	-0.510
146	5.80	0.320	5.80	2.310	5.81	5.050	5.81	7.690	5.82	7.940	5.82	9.130	5.83	11.460	5.83	11.720
147	5.84	1.450	5.84	-8.340	5.85	-16.060	5.85	-19.340	5.86	-7.020	5.86	4.840	5.87	10.450	5.87	21.040
148	5.88	25.600	5.88	27.960	5.89	26.960	5.89	23.080	5.90	20.110	5.90	17.070	5.91	16.780	5.91	15.570
149	5.92	11.240	5.92	2.820	5.93	-4.220	5.93	-6.430	5.94	-2.390	5.94	5.440	5.95	11.930	5.95	17.610
150	5.96	20.700	5.96	24.570	5.97	23.990	5.97	13.340	5.98	-0.900	5.98	-16.390	5.99	-26.310	5.99	-28.790
151	6.00	-28.510	6.00	-28.550	6.01	-28.050	6.01	-26.990	6.02	-21.250	6.02	-16.070	6.03	-8.360	6.03	1.860
152	6.04	6.550	6.04	10.170	6.05	16.950	6.05	24.260	6.06	28.590	6.06	25.320	6.07	17.830	6.07	12.040
153	6.08	9.230	6.08	-9.740	6.09	-8.820	6.09	-17.640	6.10	-21.530	6.10	-16.000	6.11	-11.020	6.11	-6.740
154	6.12	-5.760	6.12	-5.710	6.13	-5.660	6.13	-5.550	6.14	-5.440	6.14	-5.260	6.15	-5.210	6.15	2.050
155	6.16	5.110	6.16	3.650	6.17	-7.640	6.17	-19.150	6.18	-24.020	6.18	-21.530	6.19	-18.180	6.19	-13.770
156	6.20	-6.260	6.20	-3.930	6.21	-1.600	6.21	2.450	6.22	4.340	6.22	1.820	6.23	-0.800	6.23	-2.290
157	6.24	-1.940	6.24	-1.570	6.25	-1.760	6.25	-0.660	6.26	3.170	6.26	6.540	6.27	9.400	6.27	12.100
158	6.28	16.070	6.28	17.050	6.29	16.450	6.29	13.610	6.30	7.530	6.30	2.710	6.31	0.470	6.31	0.140
159	6.32	-1.190	6.32	0.830	6.33	4.250	6.33	4.840	6.34	3.390	6.34	1.730	6.35	0.480	6.35	-0.990
160	6.36	-3.620	6.36	-5.440	6.37	-12.040	6.37	-13.410	6.38	-15.070	6.38	-15.850	6.39	-16.790	6.39	-14.870
161	6.40	9.930	6.40	-1.170	6.41	1.720	6.41	1.560	6.42	1.070	6.42	5.790	6.43	8.130	6.43	6.690
162	6.44	0.400	6.44	-3.670	6.45	-8.910	6.45	-7.190	6.46	-4.740	6.46	-3.910	6.47	-7.650	6.47	-8.620
163	6.48	-8.390	6.48	-4.920	6.49	-1.630	6.49	0.160	6.50	2.190	6.50	2.780	6.51	2.890	6.51	9.990
164	6.52	-0.340	6.52	-7.080	6.53	-12.290	6.53	-14.580	6.54	-16.080	6.54	-16.870	6.55	-14.650	6.55	-9.520
165	6.56	-1.980	6.56	1.850	6.57	4.990	6.57	7.750	6.58	10.460	6.58	10.940	6.59	9.110	6.59	5.530
166	6.60	4.270	6.60	2.900	6.61	5.010	6.61	8.910	6.62	14.780	6.62	18.450	6.63	21.910	6.63	25.320
167	6.64	28.830	6.64	23.790	6.65	17.980	6.65	11.980	6.66	5.690	6.66	0.960	6.67	-5.080	6.67	-6.550
168	6.68	-7.530	6.68	-6.580	6.69	-4.930	6.69	-1.740	6.70	0.780	6.70	3.020	6.71	4.690	6.71	7.780
169	6.72	7.690	6.72	3.690	6.73	1.010	6.73	-2.220	6.74	-4.400	6.74	-8.880	6.75	-13.130	6.75	-10.320
170	6.76	-8.220	6.76	-5.840	6.77	-4.020	6.77	-2.000	6.78	-1.080	6.78	-0.250	6.79	1.460	6.79	3.770
171	6.80	6.290	6.80	2.640	6.81	1.270	6.81	0.400	6.82	-1.770	6.82	-3.470	6.83	-6.330	6.83	-8.630
172	6.84	-3.840	6.84	-2.600	6.85	-1.220	6.85	-0.540	6.86	-2.770	6.86	-5.430	6.87	-6.500	6.87	-7.080
173	6.88	-7.830	6.88	-8.640	6.89	-9.840	6.89	-9.490	6.90	-8.920	6.90	-8.170	6.91	-7.320	6.91	-5.700
174	6.92	-3.340	6.92	-1.310	6.93	-0.450	6.93	4.150	6.94	10.040	6.94	13.790	6.95	13.100	6.95	11.660
175	6.96	10.220	6.96	5.960	6.97	2.420	6.97	-0.300	6.98	-2.160	6.98	-3.030	6.99	-4.100	6.99	-5.240
176	7.00	-6.240	7.00	-5.630	7.01	-5.240	7.01	-4.900	7.02	-4.450	7.02	-4.600	7.03	-5.310	7.03	-7.750
177	7.04	-8.630	7.04	-8.920	7.05	-8.400	7.05	-6.550	7.06	-3.620	7.06	-2.400	7.07	0.590	7.07	2.800
178	7.08	7.000	7.08	9.760	7.09	9.260	7.09	9.170	7.10	10.230	7.10	10.090	7.11	7.780	7.11	3.420
179	7.12	0.930	7.12	1.660	7.13	1.900	7.13	0.040	7.14	-2.650	7.14	-3.500	7.15	-2.750	7.15	-1.860
180	7.16	-1.030	7.16	-0.210	7.17	2.270	7.17	3.580	7.18	4.400	7.18	3.140	7.19	1.650	7.19	2.980
181	7.20	3.110	7.20	4.550	7.21	5.100	7.21	5.640	7.22	6.350	7.22	6.960	7.23	6.670	7.23	5.850
182	7.24	4.650	7.24	3.140	7.25	-1.030	7.25	-3.660	7.26	-5.900	7.26	-6.240	7.27	-5.360	7.27	-4.360
183	7.28	-3.620	7.28	-2.930	7.29	-2.470	7.29	-2.240	7.30	-2.530	7.30	-5.730	7.31	-7.370	7.31	-4.540
184	7.32	0.630	7.32	6.380	7.33	8.310	7.33	5.200	7.34	3.410	7.34	2.760	7.35	1.440	7.35	0.530
185	7.36	-1.120	7.36	-0.940	7.37	-0.530	7.37	-0.460	7.38	-0.110	7.38	-1.950	7.39	-3.450	7.39	-3.520
186	7.40	-3.020	7.40	-2.290	7.41	-1.670	7.41	-1.120	7.42	-0.170	7.42	1.470	7.43	3.410	7.43	3.030
187	7.44	2.760	7.44	2.750	7.45	3.140	7.45	3.590	7.46	4.050	7.46	3.780	7.47	3.190	7.47	2.450
188	7.48	2.460	7.48	4.370	7.49	4.730	7.49	3.880	7.50	0.350	7.50	-0.070	7.51	2.140	7.51	2.620
189	7.52	1.910	7.52	1.010	7.53	0.760	7.53	0.070	7.54	0.250	7.54	0.500	7.55	1.440	7.55	1.740
190	7.56	2.050	7.56	1.500	7.57	1.550	7.57	1.570	7.58	1.570	7.58	-3.570	7.59	-3.570	7.59	-2.430
191	7.60	-0.830	7.60	-0.030	7.61	-0.400	7.61	-1.340	7.62	-2.130	7.62	-2.310	7.63	-1.940	7.63	-2.600
192	7.64	-3.520	7.64	-5.150	7.65	-6.290	7.65	-5.920	7.66	-3.600	7.66	-1.110	7.67	-2.300	7.67	-4.020
193	7.68	-4.150	7.68	-2.520	7.69	-0.810	7.69	-1.880	7.70	-2.960	7.70	-4.880	7.71	-5.910	7.71	-5.700
194	7.72	-4.430	7.72	-3.630	7.73	-2.580	7.73	-1.020	7.74	0.250	7.74	1.960	7.75	4.760	7.75	4.340
195	7.76	3.820	7.76	4.330	7.77	5.240	7.77	5.420	7.78	5.590	7.78	5.750	7.79	5.700	7.79	5.550
196	7.80	5.510	7.80	5.970	7.81	6.440	7.81	6.530	7.82	5.690	7.82	4.530	7.83	2.930	7.83	-0.960
197	7.84	-0.460	7.84	3.700	7.85	4.770	7.85	4.580	7.86	4.390	7.86	3.900	7.87	3.500	7.87	3.890
198	7.88	4.470	7.88	4.770	7.89	5.920	7.89	4.950	7.90	3.620	7.90	2.320	7.91	1.020	7.91	0.830
199	7.92	-7.950	7.92	-7.950	7.93	-2.910	7.93	-1.890	7.94	-1.050	7.94	-0.560	7.95	0.760	7.95	0.110
200	7.96	-0.280	7.96	-0.430	7.97	-0.090	7.97	2.160	7.98	4.210	7.98	5.730	7.99	7.780	7.99	0.080
201	8.00	-4.100														

Digitized Accelerogram of Earthquake Record with Index Number E-28 (7-2-Y0)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-3.020	0.00	-6.050	0.01	-1.210	0.01	-0.380	0.02	-0.440	0.02	-0.660	0.03	-3.770	0.03	3.170
2	0.04	2.360	0.04	1.960	0.05	1.330	0.05	-4.890	0.06	-10.100	0.06	-9.790	0.07	-9.790	0.07	-5.990
3	0.08	0.020	0.08	0.380	0.09	-0.220	0.09	-0.590	0.10	-1.640	0.10	-1.660	0.11	2.060	0.11	3.780
4	0.12	2.800	0.12	-0.800	0.13	-10.730	0.13	-12.510	0.14	-11.050	0.14	-5.660	0.15	7.420	0.15	8.560
5	0.16	6.650	0.16	-1.500	0.17	-4.720	0.17	-0.460	0.18	-8.800	0.18	-9.130	0.19	-9.450	0.19	-8.380
6	0.20	-5.590	0.20	-2.660	0.21	-1.190	0.21	-0.680	0.22	-0.530	0.22	-1.970	0.23	-2.880	0.23	-2.760
7	0.24	-1.890	0.24	-9.000	0.25	-0.470	0.25	-0.640	0.26	6.910	0.26	8.220	0.27	10.430	0.27	9.980
8	0.28	0.680	0.28	-11.260	0.29	-16.800	0.29	-15.780	0.30	-6.310	0.30	-3.550	0.31	0.330	0.31	-0.530
9	0.32	-3.310	0.32	-3.640	0.33	-2.260	0.33	-0.680	0.34	6.100	0.34	6.570	0.35	9.150	0.35	-0.720
10	0.36	-1.240	0.36	-2.000	0.37	-1.990	0.37	2.670	0.38	3.790	0.38	4.900	0.39	3.150	0.39	-2.630
11	0.40	-7.790	0.40	-7.780	0.41	-5.950	0.41	-4.920	0.42	-6.880	0.42	-6.710	0.43	-1.090	0.43	6.400
12	0.44	13.730	0.44	14.640	0.45	13.170	0.45	10.910	0.46	7.610	0.46	4.190	0.47	7.700	0.47	9.610
13	0.48	10.590	0.48	3.800	0.49	-5.340	0.49	-6.160	0.50	-6.800	0.50	-4.510	0.51	-5.030	0.51	-6.740
14	0.52	-8.010	0.52	-9.550	0.53	-9.560	0.53	-4.780	0.54	-2.290	0.54	0.210	0.55	5.560	0.55	8.140
15	0.56	11.150	0.56	0.650	0.57	6.290	0.57	4.890	0.58	3.850	0.58	2.180	0.59	-3.220	0.59	-4.890
16	0.60	-4.340	0.60	0.600	0.61	1.680	0.61	-1.880	0.62	-1.070	0.62	-5.830	0.63	-5.220	0.63	3.170
17	0.64	4.030	0.64	0.790	0.65	-1.600	0.65	23.280	0.66	15.480	0.66	6.160	0.67	1.880	0.67	1.880
18	0.68	5.580	0.68	9.900	0.69	20.120	0.69	-13.320	0.70	-5.060	0.70	-3.190	0.71	-1.320	0.71	-10.370
19	0.72	-10.900	0.72	-11.450	0.73	-5.510	0.73	3.080	0.74	0.980	0.74	0.810	0.75	-1.260	0.75	-4.120
20	0.76	3.610	0.76	5.430	0.77	-5.430	0.77	1.270	0.78	4.410	0.78	0.360	0.79	10.690	0.79	13.740
21	0.80	-8.350	0.80	10.010	0.81	7.430	0.81	-0.070	0.82	-2.800	0.82	-0.780	0.83	0.240	0.83	-1.460
22	0.84	15.460	0.84	-0.480	0.85	-0.280	0.85	-0.940	0.86	3.510	0.86	6.620	0.87	4.870	0.87	1.630
23	0.88	-4.760	0.88	-2.350	0.89	0.110	0.89	1.570	0.90	1.700	0.90	2.190	0.91	4.370	0.91	6.170
24	0.92	-1.090	0.92	7.920	0.93	3.670	0.93	1.250	0.94	-0.110	0.94	3.250	0.95	6.970	0.95	9.840
25	0.96	7.320	0.96	-5.390	0.97	-4.310	0.97	-2.010	0.98	6.160	0.98	-1.750	0.99	-5.620	0.99	-5.990
26	1.00	13.190	1.00	14.660	1.01	16.070	1.01	15.280	1.02	4.120	1.02	6.160	1.03	5.670	1.03	1.110
27	1.04	-5.340	1.04	-1.050	1.05	1.000	1.05	6.650	1.06	9.260	1.06	7.930	1.07	14.630	1.07	-1.840
28	1.08	-1.190	1.08	-1.050	1.09	1.000	1.09	6.650	1.10	9.260	1.10	12.390	1.11	7.930	1.11	-0.560
29	1.12	-6.400	1.12	-12.670	1.13	-6.560	1.13	3.080	1.14	4.220	1.14	5.680	1.15	5.800	1.15	3.170
30	1.16	-0.410	1.16	-8.760	1.17	-2.530	1.17	9.120	1.18	10.760	1.18	13.800	1.19	5.000	1.19	0.960
31	1.20	-5.240	1.20	-8.760	1.21	-2.530	1.21	9.120	1.22	10.760	1.22	13.800	1.23	5.000	1.23	0.960
32	1.24	0.320	1.24	2.300	1.25	2.190	1.25	14.670	1.26	18.540	1.26	13.800	1.27	5.000	1.27	0.960
33	1.28	-8.550	1.28	-4.370	1.29	2.190	1.29	9.780	1.30	9.910	1.30	8.120	1.31	1.730	1.31	0.430
34	1.32	-2.980	1.32	-2.680	1.33	-2.170	1.33	-2.110	1.34	-4.490	1.34	-5.180	1.35	-4.890	1.35	4.910
35	1.36	8.620	1.36	7.230	1.37	-1.510	1.37	-1.470	1.38	-0.750	1.38	-0.750	1.39	1.260	1.39	1.760
36	1.40	-2.310	1.40	-2.600	1.41	-1.510	1.41	4.570	1.42	7.090	1.42	6.530	1.43	6.530	1.43	6.530
37	1.44	5.830	1.44	5.110	1.45	4.380	1.45	5.820	1.46	8.520	1.46	11.840	1.47	11.840	1.47	11.840
38	1.48	7.860	1.48	5.780	1.49	3.710	1.49	3.040	1.50	7.740	1.50	9.740	1.51	7.500	1.51	2.760
39	1.52	-11.590	1.52	-12.130	1.53	-9.590	1.53	-2.790	1.54	12.200	1.54	12.500	1.55	7.650	1.55	3.040
40	1.56	-8.560	1.56	-9.010	1.57	-9.460	1.57	-8.310	1.58	-4.490	1.58	3.040	1.59	7.330	1.59	8.940
41	1.60	9.970	1.60	3.630	1.61	-5.410	1.61	-8.080	1.62	-9.580	1.62	3.270	1.63	8.190	1.63	10.180
42	1.64	11.460	1.64	11.380	1.65	11.620	1.65	12.240	1.66	11.290	1.66	9.470	1.67	6.310	1.67	4.720
43	1.68	3.130	1.68	3.020	1.69	9.290	1.69	8.750	1.70	8.200	1.70	2.480	1.71	-2.180	1.71	-2.900
44	1.72	-3.610	1.72	-3.020	1.73	-1.470	1.73	1.600	1.74	3.360	1.74	8.030	1.75	-2.180	1.75	-2.900
45	1.76	7.370	1.76	4.600	1.77	1.470	1.77	1.760	1.78	2.410	1.78	3.240	1.79	4.080	1.79	-0.980
46	1.80	-3.970	1.80	-5.050	1.81	5.750	1.81	12.330	1.82	14.690	1.82	14.030	1.83	8.820	1.83	-4.450
47	1.84	-6.780	1.84	-5.130	1.85	-0.060	1.85	6.900	1.86	8.580	1.86	9.760	1.87	11.270	1.87	19.600
48	1.88	23.200	1.88	22.040	1.89	16.320	1.89	3.550	1.90	-4.190	1.90	-6.930	1.91	-9.980	1.91	-7.150
49	1.92	-2.540	1.92	0.410	1.93	2.690	1.93	0.240	1.94	11.670	1.94	12.620	1.95	12.170	1.95	4.990
50	1.96	1.570	1.96	2.730	1.97	5.280	1.97	7.410	1.98	9.460	1.98	8.680	1.99	7.890	1.99	6.400
51	2.00	5.810	2.00	6.360	2.01	5.420	2.01	3.900	2.02	1.530	2.02	3.950	2.03	5.970	2.03	7.620
52	2.04	9.540	2.04	7.930	2.05	7.810	2.05	8.180	2.06	12.440	2.06	14.650	2.07	14.390	2.07	12.310
53	2.08	0.340	2.08	0.940	2.09	-0.060	2.09	1.760	2.10	4.870	2.10	8.630	2.11	11.020	2.11	10.430
54	2.12	9.830	2.12	7.670	2.13	6.940	2.13	6.270	2.14	4.310	2.14	4.760	2.15	9.170	2.15	11.030
55	2.16	13.390	2.16	11.390	2.17	7.680	2.17	6.820	2.18	6.110	2.18	6.840	2.19	9.790	2.19	8.530
56	2.20	6.980	2.20	4.690	2.21	-0.490	2.21	-0.660	2.22	0.340	2.22	5.950	2.23	8.900	2.23	8.080
57	2.24	5.320	2.24	0.870	2.25	-0.060	2.25	2.230	2.26	5.010	2.26	8.780	2.27	12.810	2.27	8.000
58	2.28	5.880	2.28	2.380	2.29	0.530	2.29	0.060	2.30	13.060	2.30	16.590	2.31	19.150	2.31	12.330
59	2.32	8.300	2.32	4.800	2.33	1.220	2.33	3.230	2.34	6.220	2.34	8.360	2.35	9.690	2.35	6.880
60	2.36	5.590	2.36	2.560	2.37	-1.490	2.37	-1.850	2.38	0.690	2.38	2.780	2.39	6.950	2.39	11.110
61	2.40	11.050	2.40	9.570	2.41	6.860	2.41	3.440	2.42	-0.080	2.42	0.310	2.43	0.690	2.43	1.760
62	2.44	5.900	2.44	6.030	2.45	7.350	2.45	7.760	2.46	7.220	2.46	7.470	2.47	8.120	2.47	9.790
63	2.48	10.500	2.48	9.650	2.49	7.100	2.49	3.200	2.50	0.640	2.50	4.090	2.51	6.560	2.51	8.110
64	2.52	13.240	2.52	11.430	2.53	9.390	2.53	5.120	2.54	5.120	2.54	0.630	2.55	-0.720	2.55	-3.860
65	2.56	-5.130	2.56	0.400	2.57	4.520	2.57	8.650	2.58	11.990	2.58	5.910	2.59	1.710	2.59	-0.910
66	2.60	-0.960	2.60	10.680	2.61	13.120	2.61	11.200	2.62	5.220	2.62	-3.020	2.63	0.060	2.63	2.610
67	2.64	6.160	2.64	11.260	2.65	13.050	2.65	11.420	2.66	9.790	2.66	3.320	2.67	-0.680	2.67	-2.810
68	2.68	-3.410	2.68	-2.590	2.69	-0.150	2.69	3.080	2.70	7.110	2.70	8.910	2.71	7.070	2.71	2.200
69	2.72	-1.570	2.72	-2.750	2.73	-1.910	2.73	0.890	2.74	4.250	2.74	4.440	2.75	0.260	2.75	-0.900
70	2.76	2.440	2.76	5.440	2.77	7.510	2.77	7.570	2.78	4.550	2.78	-1.160	2.79	-0.250	2.79	2.730
71	2.80	8.790	2.80	7.040	2.81	7.350	2.81	6.790	2.82	5.500	2.82	6.120	2.83	10.100	2.83	11.560
72	2.84	0.690	2.84	1.580	2.85	-2.740	2.85	-4.990	2.86	-5.510	2.86	-3.580	2.87	2.040	2.87	6.830
73	2.88	7.060	2.88	1.880	2.89	3.460	2.89	-4.300	2.90	-5.310	2.90	-2.020	2.91	1.100	2.91	1.860
74	2.92	-0.690	2.92	-0.400	2.93	1.290	2.93	3.810	2.94	8.160	2.94					

127	5.04	2.546	5.04	1.029	5.05	1.040	5.05	-4.049	5.06	-8.410	5.06	-13.500	5.07	-15.440	5.07	-9.680
128	5.08	-4.370	5.08	1.369	5.09	1.109	5.09	-1.168	5.10	-4.960	5.10	-4.220	5.11	-3.880	5.11	-5.510
129	5.12	-7.580	5.12	-8.890	5.13	-5.300	5.13	-0.890	5.14	-3.260	5.14	5.600	5.15	6.090	5.15	3.120
130	5.16	-4.170	5.16	-0.360	5.17	-11.020	5.17	-0.500	5.18	-3.360	5.18	2.140	5.19	4.600	5.19	5.020
131	5.20	5.570	5.20	4.670	5.21	6.180	5.21	9.670	5.22	11.610	5.22	11.610	5.23	8.120	5.23	-1.020
132	5.26	-10.750	5.26	-17.710	5.27	-10.770	5.27	-22.220	5.28	-24.220	5.28	-24.220	5.29	-16.640	5.29	-9.050
133	5.32	1.550	5.32	7.230	5.33	5.440	5.33	-3.550	5.34	-8.010	5.34	-7.850	5.35	-4.980	5.35	-1.150
134	5.36	2.660	5.36	9.530	5.37	1.130	5.37	0.180	5.38	3.600	5.38	6.570	5.39	8.160	5.39	2.790
135	5.40	-0.850	5.40	-13.140	5.41	-11.200	5.41	-7.850	5.42	-4.450	5.42	-2.110	5.43	-11.270	5.43	-17.170
136	5.44	20.060	5.44	12.080	5.45	1.930	5.45	-12.130	5.46	-21.170	5.46	-23.180	5.47	-22.320	5.47	-19.390
137	5.48	-11.010	5.48	-12.910	5.49	2.120	5.49	-0.420	5.50	-2.930	5.50	-7.510	5.51	-7.770	5.51	-1.940
138	5.52	6.180	5.52	9.340	5.53	11.990	5.53	11.100	5.54	1.760	5.54	-9.880	5.55	-14.690	5.55	-17.030
139	5.56	-10.940	5.56	-5.440	5.57	3.300	5.57	7.850	5.58	4.480	5.58	-2.220	5.59	-3.220	5.59	-8.770
140	5.60	-4.710	5.60	-5.420	5.61	0.020	5.61	8.420	5.62	-3.930	5.62	-2.680	5.63	-2.610	5.63	-2.260
141	5.64	-16.650	5.64	-12.000	5.65	-10.680	5.65	-15.630	5.66	-22.250	5.66	-27.400	5.67	-30.100	5.67	-18.680
142	5.68	-18.580	5.68	-11.470	5.69	-8.760	5.69	-10.550	5.70	-11.720	5.70	-9.940	5.71	-6.950	5.71	-4.400
143	5.72	0.120	5.72	6.370	5.73	15.040	5.73	21.540	5.74	25.450	5.74	24.910	5.75	24.890	5.75	30.180
144	5.76	34.400	5.76	30.490	5.77	21.500	5.77	-2.190	5.78	-15.860	5.78	-32.060	5.79	-34.190	5.79	-32.020
145	5.80	-22.760	5.80	-21.390	5.81	-21.110	5.81	-13.360	5.82	-19.500	5.82	-9.640	5.83	-11.590	5.83	-32.250
146	5.84	-25.340	5.84	-26.190	5.85	-20.580	5.85	-31.960	5.86	-26.490	5.86	-9.510	5.87	-9.290	5.87	-19.520
147	5.88	29.410	5.88	12.080	5.89	-5.070	5.89	-28.750	5.90	-28.430	5.90	-31.370	5.91	-24.940	5.91	-19.470
148	5.92	3.530	5.92	-9.870	5.93	-3.490	5.93	-4.700	5.94	-12.130	5.94	-15.390	5.95	-8.100	5.95	-23.650
149	5.96	27.840	5.96	3.800	5.97	1.210	5.97	3.970	5.98	6.090	5.98	6.180	5.99	-5.110	5.99	-6.960
150	6.00	-18.170	6.00	-0.220	6.01	-5.870	6.01	-6.130	6.02	-0.180	6.02	5.730	6.03	6.770	6.03	5.290
151	6.04	3.660	6.04	-3.120	6.05	-0.180	6.05	-14.000	6.06	-16.660	6.06	-12.770	6.07	-3.170	6.07	-8.040
152	6.08	-0.330	6.08	-21.010	6.09	-14.460	6.09	-17.920	6.10	-14.140	6.10	-14.390	6.11	-19.700	6.11	-24.930
153	6.12	-0.070	6.12	-23.170	6.13	-14.460	6.13	-24.100	6.14	-24.100	6.14	-30.440	6.15	-30.440	6.15	-10.390
154	6.16	-13.680	6.16	-15.820	6.17	-24.100	6.17	-32.480	6.18	-16.830	6.18	-16.830	6.19	-16.810	6.19	-22.160
155	6.20	-27.130	6.20	-9.320	6.21	-15.420	6.21	-3.760	6.22	-34.480	6.22	-6.680	6.23	-6.790	6.23	-5.220
156	6.24	6.800	6.24	-55.210	6.25	-18.970	6.25	-8.510	6.26	-4.700	6.26	-5.630	6.27	6.400	6.27	14.130
157	6.28	1.920	6.28	18.970	6.29	-21.500	6.29	-17.620	6.30	-5.030	6.30	-30.350	6.31	-31.660	6.31	-32.350
158	6.32	12.050	6.32	-23.560	6.33	-31.740	6.33	-18.570	6.34	-15.890	6.34	-15.890	6.35	-10.810	6.35	-16.380
159	6.36	-33.020	6.36	-31.740	6.37	-17.620	6.37	-18.570	6.38	-2.300	6.38	-4.610	6.39	-7.430	6.39	-11.070
160	6.40	31.420	6.40	-10.880	6.41	-15.720	6.41	-30.850	6.42	-31.010	6.42	-45.050	6.43	-33.150	6.43	-33.150
161	6.44	-1.240	6.44	-12.770	6.45	-16.320	6.45	-17.010	6.46	-17.710	6.46	-17.710	6.47	-17.070	6.47	-16.560
162	6.48	-33.760	6.48	-29.880	6.49	-32.660	6.49	-20.060	6.50	-16.710	6.50	-1.060	6.51	1.120	6.51	-18.550
163	6.52	-13.620	6.52	-29.880	6.53	-2.860	6.53	-1.250	6.54	-2.750	6.54	-2.890	6.55	8.000	6.55	14.200
164	6.56	16.170	6.56	-19.810	6.57	-18.370	6.57	-21.540	6.58	-15.650	6.58	-15.650	6.59	-17.980	6.59	-10.770
165	6.60	15.660	6.60	-17.630	6.61	-21.290	6.61	-21.790	6.62	-20.140	6.62	-13.710	6.63	-8.810	6.63	-6.010
166	6.64	-6.260	6.64	-6.050	6.65	-4.070	6.65	-7.420	6.66	7.350	6.66	7.350	6.67	2.130	6.67	-4.780
167	6.68	-24.300	6.68	-10.050	6.69	-6.400	6.69	-23.650	6.70	-23.270	6.70	-6.860	6.71	-14.000	6.71	-13.000
168	6.72	-4.650	6.72	-17.630	6.73	-17.630	6.73	-3.850	6.74	-3.560	6.74	-2.700	6.75	-2.700	6.75	3.260
169	6.76	23.760	6.76	-12.930	6.77	-39.960	6.77	-15.310	6.78	-11.030	6.78	-3.970	6.79	5.240	6.79	12.330
170	6.80	-1.710	6.80	-22.370	6.81	-6.590	6.81	-9.590	6.82	-9.140	6.82	-9.300	6.83	-9.110	6.83	-11.380
171	6.84	-31.540	6.84	-12.580	6.85	-3.480	6.85	-3.480	6.86	2.270	6.86	6.660	6.87	9.100	6.87	5.420
172	6.88	-14.600	6.88	-8.590	6.89	-0.990	6.89	-0.990	6.90	-0.990	6.90	-0.990	6.91	9.560	6.91	10.500
173	6.92	-9.730	6.92	-14.280	6.93	-13.520	6.93	-14.970	6.94	-12.980	6.94	-9.610	6.95	-21.340	6.95	-21.340
174	6.96	-7.130	6.96	-26.380	6.97	-8.010	6.97	-10.880	6.98	-9.620	6.98	-8.680	6.99	-6.680	6.99	-6.980
175	7.00	0.580	7.00	-9.430	7.01	-9.430	7.01	-5.810	7.02	-12.570	7.02	-12.570	7.03	-12.570	7.03	-8.320
176	7.04	-12.000	7.04	-9.430	7.05	-9.430	7.05	-5.810	7.06	-12.570	7.06	-12.570	7.07	-12.570	7.07	-8.320
177	7.08	2.750	7.08	-9.430	7.09	-9.430	7.09	-5.810	7.10	-12.570	7.10	-12.570	7.11	-12.570	7.11	-8.320
178	7.12	30.650	7.12	-9.430	7.13	-9.430	7.13	-5.810	7.14	-12.570	7.14	-12.570	7.15	-12.570	7.15	-8.320
179	7.16	-31.540	7.16	-9.430	7.17	-9.430	7.17	-5.810	7.18	-12.570	7.18	-12.570	7.19	-12.570	7.19	-8.320
180	7.20	-14.600	7.20	-9.430	7.21	-9.430	7.21	-5.810	7.22	-12.570	7.22	-12.570	7.23	-12.570	7.23	-8.320
181	7.24	-13.550	7.24	-9.430	7.25	-9.430	7.25	-5.810	7.26	-12.570	7.26	-12.570	7.27	-12.570	7.27	-8.320
182	7.28	-14.610	7.28	-9.430	7.29	-9.430	7.29	-5.810	7.30	-12.570	7.30	-12.570	7.31	-12.570	7.31	-8.320
183	7.32	-5.110	7.32	-9.430	7.33	-9.430	7.33	-5.810	7.34	-12.570	7.34	-12.570	7.35	-12.570	7.35	-8.320
184	7.36	-7.510	7.36	-9.430	7.37	-9.430	7.37	-5.810	7.38	-12.570	7.38	-12.570	7.39	-12.570	7.39	-8.320
185	7.40	-2.240	7.40	-9.430	7.41	-9.430	7.41	-5.810	7.42	-12.570	7.42	-12.570	7.43	-12.570	7.43	-8.320
186	7.44	0.290	7.44	-9.430	7.45	-9.430	7.45	-5.810	7.46	-12.570	7.46	-12.570	7.47	-12.570	7.47	-8.320
187	7.48	22.880	7.48	-9.430	7.49	-9.430	7.49	-5.810	7.50	-12.570	7.50	-12.570	7.51	-12.570	7.51	-8.320
188	7.52	-9.520	7.52	-9.430	7.53	-9.430	7.53	-5.810	7.54	-12.570	7.54	-12.570	7.55	-12.570	7.55	-8.320
189	7.56	-8.140	7.56	-9.430	7.57	-9.430	7.57	-5.810	7.58	-12.570	7.58	-12.570	7.59	-12.570	7.59	-8.320
190	7.60	0.990	7.60	-9.430	7.61	-9.430	7.61	-5.810	7.62	-12.570	7.62	-12.570	7.63	-12.570	7.63	-8.320
191	7.64	-0.580	7.64	-9.430	7.65	-9.430	7.65	-5.810	7.66	-12.570	7.66	-12.570	7.67	-12.570	7.67	-8.320
192	7.68	3.980	7.68	-9.430	7.69	-9.430	7.69	-5.810	7.70	-12.570	7.70	-12.570	7.71	-12.570	7.71	-8.320
193	7.72	-10.940	7.72	-9.430	7.73	-9.430	7.73	-5.810	7.74	-12.570	7.74	-12.570	7.75	-12.570	7.75	-8.320
194	7.76	16.600	7.76	-9.430	7.77	-9.430	7.77	-5.810	7.78	-12.570	7.78	-12.570	7.79	-12.570	7.79	-8.320
195	7.80	-2.790	7.80	-9.430	7.81	-9.430	7.81	-5.810	7.82	-12.570	7.82	-12.570	7.83	-12.570	7.83	-8.320
196	7.84	-6.130	7.84	-9.430	7.85	-9.430	7.85	-5.810	7.86	-12.570	7.86	-12.570	7.87	-12.570	7.87	-8.320
197	7.88	-4.270	7.88	-9.430	7.89	-9.430	7.89	-5.810	7.90	-12.570	7.90	-12.570	7.91	-12.570	7.91	-8.320
198	7.92	-16.290	7.92	-9.430	7.93	-9.430	7.93	-5.810	7.94	-12.570	7.94	-12.570	7.95	-12.570	7.95	-8.320
199	7.96	-6.780	7.96	-9.430	7.97	-9.430	7.97	-5.810	7.98	-12.570	7.98	-12.570	7.99	-12.570	7.99	-8.320
200	8.00	5.060														

Digitized Accelerogram of Earthquake Record with Index Number E-29 (8-1-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	0.310	0.01	0.200	0.02	0.170	0.03	0.250	0.04	0.390	0.05	0.470	0.06	0.190	0.07	-0.030
2	0.08	-0.170	0.09	-0.150	0.10	-0.130	0.11	-0.100	0.12	-0.080	0.13	-0.170	0.14	-0.270	0.15	-0.360
3	0.16	-0.420	0.17	-0.460	0.18	-0.420	0.19	-0.290	0.20	-0.080	0.21	-0.080	0.22	-0.160	0.23	-0.290
4	0.24	-0.210	0.25	-0.100	0.26	-0.220	0.27	-0.610	0.28	-0.680	0.29	-0.680	0.30	-0.640	0.31	-0.630
5	0.32	-0.700	0.33	-0.780	0.34	-0.680	0.35	-1.000	0.36	-1.140	0.37	-1.200	0.38	-1.200	0.39	-1.120
6	0.40	-0.730	0.41	-0.250	0.42	0.130	0.43	0.510	0.44	0.760	0.45	0.990	0.46	1.090	0.47	1.120
7	0.48	1.150	0.49	1.160	0.50	1.070	0.51	0.940	0.52	0.920	0.53	0.960	0.54	0.970	0.55	0.820
8	0.56	0.570	0.57	0.310	0.58	0.060	0.59	-0.170	0.60	-0.370	0.61	-0.450	0.62	-0.560	0.63	-0.780
9	0.64	-1.000	0.65	-1.230	0.66	-1.470	0.67	-1.530	0.68	-1.500	0.69	-1.490	0.70	-1.450	0.71	-1.030
10	0.72	-0.640	0.73	-0.330	0.74	-0.140	0.75	-0.170	0.76	-0.100	0.77	0.190	0.78	0.470	0.79	0.570
11	0.80	0.860	0.81	0.860	0.82	0.770	0.83	0.630	0.84	0.480	0.85	0.350	0.86	0.220	0.87	0.090
12	0.88	0.910	0.89	-0.070	0.90	-0.030	0.91	0.190	0.92	0.480	0.93	0.730	0.94	0.940	0.95	1.150
13	0.96	1.290	0.97	1.280	0.98	1.350	0.99	1.550	1.00	1.260	1.01	1.130	1.02	1.010	1.03	0.980
14	1.04	0.770	1.05	0.360	1.06	0.170	1.07	-0.030	1.08	-0.250	1.09	-0.520	1.10	-0.790	1.11	-1.000
15	1.12	-1.110	1.13	-1.020	1.14	-0.660	1.15	-0.220	1.16	0.310	1.17	0.720	1.18	0.910	1.19	0.790
16	1.20	0.640	1.21	0.620	1.22	0.920	1.23	1.140	1.24	1.150	1.25	0.860	1.26	0.110	1.27	-0.050
17	1.28	-0.430	1.29	-0.520	1.30	-0.540	1.31	-0.730	1.32	-0.900	1.33	-1.040	1.34	-1.110	1.35	-1.080
18	1.36	-0.700	1.37	-0.380	1.38	-0.190	1.39	-0.220	1.40	-0.260	1.41	-0.310	1.42	-0.320	1.43	-0.180
19	1.44	0.100	1.45	0.160	1.46	0.110	1.47	0.190	1.48	0.370	1.49	0.550	1.50	0.710	1.51	0.760
20	1.52	0.660	1.53	0.520	1.54	0.390	1.55	0.320	1.56	0.050	1.57	-0.430	1.58	-0.520	1.59	-0.340
21	1.60	0.650	1.61	0.470	1.62	0.580	1.63	0.310	1.64	0.210	1.65	0.360	1.66	0.400	1.67	0.040
22	1.68	-0.450	1.69	-0.620	1.70	-0.350	1.71	-0.060	1.72	-0.520	1.73	-0.970	1.74	-1.330	1.75	-1.210
23	1.76	0.050	1.77	-0.970	1.78	-1.530	1.79	-1.490	1.80	-1.330	1.81	-1.010	1.82	-0.560	1.83	-0.330
24	1.84	-0.190	1.85	-0.020	1.86	-0.120	1.87	-0.140	1.88	-0.520	1.89	-0.640	1.90	-0.640	1.91	-0.450
25	1.92	-0.150	1.93	-0.050	1.94	-0.130	1.95	-0.120	1.96	-0.040	1.97	-0.260	1.98	-0.580	1.99	-0.480
26	2.00	-0.660	2.01	-0.820	2.02	-0.730	2.03	-0.320	2.04	0.050	2.05	0.280	2.06	0.270	2.07	0.200
27	2.08	-0.190	2.09	-0.130	2.10	-0.190	2.11	-0.230	2.12	-0.020	2.13	-0.460	2.14	-0.530	2.15	-0.190
28	2.16	-0.150	2.17	-0.300	2.18	-0.360	2.19	-0.190	2.20	-0.200	2.21	0.020	2.22	0.400	2.23	1.020
29	2.24	1.240	2.25	1.240	2.26	1.100	2.27	0.840	2.28	0.550	2.29	0.450	2.30	0.270	2.31	-0.120
30	2.32	-0.550	2.33	-0.840	2.34	-0.920	2.35	-0.920	2.36	-0.840	2.37	-0.600	2.38	-0.400	2.39	-0.250
31	2.40	-0.090	2.41	-0.040	2.42	-0.170	2.43	0.0	2.44	0.120	2.45	0.020	2.46	-0.190	2.47	0.100
32	2.48	-0.510	2.49	-0.660	2.50	-1.150	2.51	-1.210	2.52	-1.410	2.53	-1.540	2.54	-1.620	2.55	-1.470
33	2.56	-0.090	2.57	-0.350	2.58	-0.020	2.59	-0.290	2.60	-0.830	2.61	-1.070	2.62	-1.000	2.63	-0.750
34	2.64	-1.230	2.65	-1.510	2.66	-1.750	2.67	-1.620	2.68	-1.570	2.69	-1.390	2.70	-0.960	2.71	-0.370
35	2.72	0.200	2.73	0.530	2.74	0.540	2.75	0.420	2.76	0.150	2.77	-0.190	2.78	-0.490	2.79	-0.530
36	2.80	-0.350	2.81	0.040	2.82	0.350	2.83	0.530	2.84	0.540	2.85	0.690	2.86	0.770	2.87	0.920
37	2.88	0.980	2.89	0.870	2.90	0.680	2.91	0.350	2.92	0.020	2.93	-0.300	2.94	-0.630	2.95	-0.940
38	2.96	-1.250	2.97	-1.550	2.98	-1.780	2.99	-1.910	3.00	-1.900	3.01	-1.830	3.02	-1.780	3.03	-1.450
39	3.04	-1.050	3.05	-0.630	3.06	-0.430	3.07	-0.230	3.08	-0.010	3.09	0.130	3.10	0.120	3.11	0.260
40	3.12	0.740	3.13	1.090	3.14	1.120	3.15	0.900	3.16	0.430	3.17	-0.110	3.18	-0.530	3.19	-0.420
41	3.20	-0.180	3.21	-0.030	3.22	-0.060	3.23	-0.150	3.24	-0.340	3.25	-0.640	3.26	-0.920	3.27	-0.970
42	3.28	-0.280	3.29	-0.480	3.30	-0.430	3.31	-0.050	3.32	0.470	3.33	0.930	3.34	1.070	3.35	0.880
43	3.36	0.530	3.37	0.300	3.38	0.570	3.39	1.010	3.40	1.170	3.41	1.110	3.42	0.900	3.43	0.580
44	3.44	1.090	3.45	1.500	3.46	1.500	3.47	0.920	3.48	0.300	3.49	-0.240	3.50	-0.780	3.51	-1.450
45	3.52	-1.650	3.53	-1.060	3.54	-0.200	3.55	-0.440	3.56	-1.000	3.57	-1.600	3.58	-1.970	3.59	-1.720
46	3.60	1.100	3.61	0.300	3.62	-0.540	3.63	-1.200	3.64	-1.280	3.65	-1.340	3.66	-1.370	3.67	-0.980
47	3.68	-0.240	3.69	0.160	3.70	0.420	3.71	0.520	3.72	0.350	3.73	0.080	3.74	0.010	3.75	0.350
48	3.76	0.900	3.77	1.500	3.78	1.850	3.79	1.750	3.80	1.130	3.81	0.530	3.82	0.520	3.83	-0.100
49	3.84	-0.590	3.85	-1.180	3.86	-1.750	3.87	-2.300	3.88	-3.150	3.89	-3.400	3.90	-2.750	3.91	-2.420
50	3.92	-2.410	3.93	-2.400	3.94	-2.130	3.95	-1.670	3.96	-1.220	3.97	-1.350	3.98	-1.540	3.99	-1.770
51	4.00	-2.020	4.01	-1.360	4.02	-0.540	4.03	-0.350	4.04	0.310	4.05	0.720	4.06	0.850	4.07	0.980
52	4.08	-1.130	4.09	-1.250	4.10	-1.450	4.11	-1.610	4.12	-1.730	4.13	-1.840	4.14	-1.950	4.15	-1.960
53	4.16	1.270	4.17	-0.100	4.18	-0.090	4.19	-1.520	4.20	-1.950	4.21	-1.950	4.22	-1.510	4.23	-1.450
54	4.24	-1.440	4.25	-1.260	4.26	-0.900	4.27	-1.130	4.28	-1.740	4.29	-2.920	4.30	-2.530	4.31	-2.410
55	4.32	-2.560	4.33	-2.710	4.34	-1.800	4.35	-0.630	4.36	-0.710	4.37	0.310	4.38	-0.290	4.39	-0.590
56	4.40	-0.690	4.41	-0.650	4.42	-0.290	4.43	-0.080	4.44	-0.490	4.45	-0.900	4.46	-1.350	4.47	-1.820
57	4.48	-1.680	4.49	-1.270	4.50	-0.870	4.51	-0.740	4.52	-0.930	4.53	-0.960	4.54	-0.410	4.55	0.130
58	4.56	0.510	4.57	0.710	4.58	0.810	4.59	0.450	4.60	0.100	4.61	-0.250	4.62	-0.620	4.63	-0.980
59	4.64	-1.340	4.65	-1.550	4.66	-1.540	4.67	-1.530	4.68	-1.510	4.69	-1.520	4.70	-1.540	4.71	-1.560
60	4.68	-2.110	4.69	-2.550	4.70	-1.650	4.71	-0.700	4.72	-0.230	4.73	-0.520	4.74	-0.470	4.75	-0.360
61	4.80	-0.450	4.81	-0.760	4.82	-0.870	4.83	-0.830	4.84	-1.450	4.85	-1.450	4.86	-1.200	4.87	-0.450
62	4.88	-0.310	4.89	-0.930	4.90	-1.510	4.91	-2.090	4.92	-2.210	4.93	-2.130	4.94	-1.850	4.95	-1.570
63	4.96	-0.710	4.97	0.300	4.98	0.750	4.99	0.390	5.00	-0.140	5.01	-0.810	5.02	-1.540	5.03	-1.390
64	5.04	-0.670	5.05	-0.490	5.06	-0.320	5.07	-0.240	5.08	-0.260	5.09	-0.690	5.10	-1.760	5.11	-2.040
65	5.12	-2.000	5.13	-1.790	5.14	-1.340	5.15	-0.190	5.16	-0.160	5.17	-0.610	5.18	-1.120	5.19	-1.660
66	5.20	-1.640	5.21	-1.490	5.22	-1.260	5.23	-1.070	5.24	-0.750	5.25	-0.250	5.26	0.090	5.27	0.040
67	5.28	-0.010	5.29	-1.090	5.30	-1.670	5.31	-2.130	5.32	-2.670	5.33	-3.280	5.34	-3.310	5.35	-2.950
68	5.36	-2.590	5.37	-2.130	5.38	-1.570	5.39	-1.030	5.40	-0.490	5.41	0.010	5.42	0.500	5.43	0.980
69	5.44	1.930	5.45	1.030	5.46	1.000	5.47	0.980	5.48	0.710	5.49	0.330	5.50	0.350	5.51	0.990
70	5.52	0.910	5.53	0.570	5.54	0.370	5.55	-0.170	5.56	-0.470	5.57	-0.770	5.58	-1.100	5.59	-1.380
71	5.60	-1.440	5.61	-1.590	5.62	-1.360	5.63	-0.610	5.64	-0.130	5.65	-0.640	5.66	-0.560	5.67	-0.420
72	5.68	-1.060	5.69	-1.720	5.70	-1.750	5.71	-1.350	5.72	-0.910	5.73	-0.380	5.74	0.160	5.75	0.500
73	5.76	0.340	5.77	-0.430	5.78	-1.020	5.79	-1.620	5.80	-1.790	5.81	-1.970	5.82	-2.170	5.83	-1.620
74	5.84	-0.090	5.85	-0.510	5.86	-0.180	5.87	-1.270	5.88	-2.370	5.89	-2.760	5.90	-2.960	5.91	-3.330
75	5.92	-3.680	5.93	-3.220												

127	10.08	0.500	10.09	0.600	10.10	0.680	10.11	0.770	10.12	0.860	10.13	0.950	10.14	0.990	10.15	0.920
128	10.16	0.930	10.17	0.840	10.18	0.730	10.19	0.630	10.20	0.520	10.21	0.440	10.22	0.360	10.23	0.280
129	10.24	0.190	10.25	-0.080	10.26	-0.410	10.27	-0.740	10.28	-1.070	10.29	-0.960	10.30	-0.570	10.31	-0.090
130	10.32	0.500	10.33	1.080	10.34	1.210	10.35	1.330	10.36	1.450	10.37	1.450	10.38	1.360	10.39	1.190
131	10.40	1.030	10.41	0.870	10.42	0.910	10.43	1.130	10.44	1.350	10.45	1.540	10.46	1.560	10.47	1.580
132	10.48	1.600	10.49	1.610	10.50	1.620	10.51	1.390	10.52	1.070	10.53	0.740	10.54	0.530	10.55	0.490
133	10.56	0.450	10.57	0.410	10.58	0.360	10.59	0.320	10.60	0.360	10.61	0.450	10.62	0.540	10.63	0.940
134	10.64	1.650	10.65	2.140	10.66	2.120	10.67	2.110	10.68	2.070	10.69	2.000	10.70	1.920	10.71	1.820
135	10.72	1.680	10.73	1.490	10.74	1.320	10.75	1.170	10.76	1.060	10.77	0.970	10.78	0.870	10.79	0.500
136	10.80	-0.060	10.81	0.520	10.82	1.320	10.83	1.570	10.84	1.380	10.85	1.230	10.86	1.080	10.87	0.810
137	10.88	0.600	10.89	0.580	10.90	0.450	10.91	0.230	10.92	0.070	10.93	0.110	10.94	0.150	10.95	0.190
138	10.96	0.230	10.97	0.340	10.98	0.470	10.99	0.610	11.00	0.750	11.01	0.890	11.02	1.190	11.03	1.490
139	11.04	1.790	11.05	1.720	11.06	1.540	11.07	1.250	11.08	0.950	11.09	0.700	11.10	0.610	11.11	0.930
140	11.12	1.040	11.13	1.160	11.14	1.270	11.15	1.260	11.16	1.170	11.17	1.080	11.18	0.990	11.19	0.900
141	11.20	0.740	11.21	0.580	11.22	0.410	11.23	0.240	11.24	0.180	11.25	0.250	11.26	0.310	11.27	0.370
142	11.28	0.430	11.29	0.680	11.30	0.940	11.31	1.210	11.32	1.480	11.33	1.630	11.34	1.720	11.35	1.820
143	11.36	1.910	11.37	2.010	11.38	2.070	11.39	2.020	11.40	1.960	11.41	1.910	11.42	1.850	11.43	1.800
144	11.44	1.740	11.45	1.680	11.46	1.620	11.47	1.560	11.48	1.500	11.49	1.450	11.50	1.390	11.51	1.200
145	11.52	0.980	11.53	0.760	11.54	0.540	11.55	0.420	11.56	0.350	11.57	0.280	11.58	0.220	11.59	0.210
146	11.60	0.190														

Digitized Accelerogram of Earthquake Record with Index Number E-30 (8-2-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	0.420	0.01	0.238	0.02	0.056	0.03	-0.038	0.04	0.129	0.05	0.297	0.06	0.465	0.07	0.632		
2	0.08	1.117	0.09	2.089	0.10	2.767	0.11	2.730	0.12	2.694	0.13	1.844	0.14	0.994	0.15	-0.424		
3	0.16	-0.597	0.17	-0.646	0.18	-0.327	0.19	-0.005	0.20	0.454	0.21	1.059	0.22	0.534	0.23	-0.463		
4	0.24	-0.557	0.25	-1.052	0.26	-0.779	0.27	-0.605	0.28	-1.031	0.29	-2.365	0.30	-3.756	0.31	-0.023		
5	0.32	-3.652	0.33	-3.282	0.34	-2.911	0.35	-2.369	0.36	-1.769	0.37	-1.170	0.38	-0.571	0.39	0.028		
6	0.40	1.212	0.41	2.591	0.42	3.456	0.43	3.928	0.44	3.736	0.45	3.544	0.46	3.023	0.47	2.392		
7	0.48	2.234	0.49	2.233	0.50	2.232	0.51	2.150	0.52	1.822	0.53	1.494	0.54	1.082	0.55	0.641		
8	0.56	0.200	0.57	0.414	0.58	0.887	0.59	1.400	0.60	1.218	0.61	0.805	0.62	0.392	0.63	0.020		
9	0.64	-0.313	0.65	-0.646	0.66	-0.779	0.67	-0.713	0.68	-0.647	0.69	-0.454	0.70	-0.135	0.71	0.184		
10	0.72	-0.234	0.73	-0.652	0.74	-1.138	0.75	-2.234	0.76	-2.676	0.77	-2.717	0.78	-2.758	0.79	-2.263		
11	0.80	-1.767	0.81	-1.272	0.82	-0.766	0.83	-0.230	0.84	0.306	0.85	0.842	0.86	1.228	0.87	1.563		
12	0.88	1.859	0.89	2.234	0.90	2.581	0.91	2.927	0.92	2.789	0.93	2.485	0.94	2.187	0.95	2.039		
13	0.96	1.943	0.97	2.023	0.98	2.657	0.99	3.250	1.00	3.422	1.01	3.197	1.02	2.575	1.03	1.831		
14	1.04	0.722	1.05	0.160	1.06	0.143	1.07	0.127	1.08	0.110	1.09	-0.269	1.10	-0.629	1.11	-1.049		
15	1.12	-1.275	1.13	-1.435	1.14	-1.556	1.15	-1.719	1.16	-2.863	1.17	-3.849	1.18	-4.407	1.19	-4.585		
16	1.20	-4.051	1.21	-2.659	1.22	-0.980	1.23	0.079	1.24	0.932	1.25	1.358	1.26	1.387	1.27	1.616		
17	1.28	2.056	1.29	2.136	1.30	1.855	1.31	1.574	1.32	0.734	1.33	-0.080	1.34	-0.869	1.35	-1.280		
18	1.36	-1.566	1.37	-0.673	1.38	-0.102	1.39	0.146	1.40	0.151	1.41	-0.088	1.42	-0.271	1.43	-0.453		
19	1.44	-0.546	1.45	-0.372	1.46	-0.197	1.47	0.396	1.48	1.407	1.49	2.426	1.50	3.466	1.51	3.725		
20	1.52	3.444	1.53	2.084	1.54	1.548	1.55	0.212	1.56	-0.909	1.57	-1.816	1.58	-2.531	1.59	-2.669		
21	1.60	-2.642	1.61	-2.449	1.62	-2.256	1.63	-2.265	1.64	-2.476	1.65	-2.687	1.66	-2.928	1.67	-3.179		
22	1.68	-2.305	1.69	-1.055	1.70	-0.143	1.71	0.655	1.72	1.285	1.73	1.407	1.74	1.530	1.75	1.652		
23	1.76	2.252	1.77	2.691	1.78	3.571	1.79	3.781	1.80	3.523	1.81	2.960	1.82	1.480	1.83	-0.075		
24	1.84	-0.540	1.85	-0.557	1.86	-0.347	1.87	-0.137	1.88	-0.043	1.89	-0.066	1.90	-0.247	1.91	-0.481		
25	1.92	-0.714	1.93	-1.183	1.94	-1.494	1.95	-1.336	1.96	-1.014	1.97	-0.638	1.98	-0.320	1.99	-0.176		
26	2.00	-0.032	2.01	0.169	2.02	0.428	2.03	0.430	2.04	0.173	2.05	-0.192	2.06	-0.880	2.07	-1.061		
27	2.08	-1.242	2.09	-1.002	2.10	-0.762	2.11	-0.749	2.12	-0.736	2.13	-0.722	2.14	-0.709	2.15	-1.073		
28	2.16	-1.562	2.17	-1.798	2.18	-1.781	2.19	-1.693	2.20	-1.394	2.21	-1.095	2.22	-0.926	2.23	-1.150		
29	2.24	-1.430	2.25	-1.710	2.26	-1.818	2.27	-1.925	2.28	-1.512	2.29	-0.815	2.30	0.215	2.31	1.244		
30	2.32	-2.604	2.33	3.333	2.34	3.852	2.35	3.513	2.36	2.887	2.37	2.262	2.38	2.065	2.39	1.868		
31	2.40	1.663	2.41	1.435	2.42	1.153	2.43	0.835	2.44	0.612	2.45	1.092	2.46	1.271	2.47	1.216		
32	2.48	1.082	2.49	0.948	2.50	0.814	2.51	0.995	2.52	1.176	2.53	1.225	2.54	0.575	2.55	0.409		
33	2.56	-0.405	2.57	-0.917	2.58	-1.328	2.59	-1.107	2.60	-0.885	2.61	-0.683	2.62	-0.488	2.63	-0.710		
34	2.64	-1.351	2.65	-1.986	2.66	-2.603	2.67	-3.220	2.68	-3.271	2.69	-3.134	2.70	-2.475	2.71	-1.816		
35	2.72	-0.467	2.73	0.882	2.74	1.246	2.75	1.609	2.76	1.600	2.77	1.467	2.78	0.939	2.79	0.018		
36	2.80	-0.811	2.81	-1.640	2.82	-1.880	2.83	-0.944	2.84	0.054	2.85	1.238	2.86	2.422	2.87	3.364		
37	2.88	3.674	2.89	3.417	2.90	2.630	2.91	1.843	2.92	1.167	2.93	0.826	2.94	0.486	2.95	0.239		
38	2.96	0.273	2.97	0.308	2.98	0.342	2.99	0.264	3.00	-0.154	3.01	-0.572	3.02	-1.185	3.03	-1.799		
39	3.04	-2.148	3.05	-2.409	3.06	-2.136	3.07	-1.687	3.08	-1.231	3.09	-0.773	3.10	-0.316	3.11	-0.216		
40	3.12	-0.116	3.13	-0.224	3.14	-0.331	3.15	-0.175	3.16	0.070	3.17	0.315	3.18	0.501	3.19	0.513		
41	3.20	0.525	3.21	0.538	3.22	0.550	3.23	0.728	3.24	1.071	3.25	1.414	3.26	1.757	3.27	2.001		
42	3.28	1.947	3.29	1.893	3.30	1.839	3.31	1.788	3.32	1.741	3.33	1.694	3.34	1.620	3.35	1.519		
43	3.36	1.122	3.37	0.429	3.38	-0.258	3.39	-0.931	3.40	-1.604	3.41	-1.959	3.42	-2.207	3.43	-2.323		
44	3.44	-2.038	3.45	-1.754	3.46	-1.611	3.47	-1.468	3.48	-1.584	3.49	-1.561	3.50	-2.338	3.51	-2.765		
45	3.52	-3.193	3.53	-3.620	3.54	-3.540	3.55	-3.460	3.56	-3.159	3.57	-2.638	3.58	-2.116	3.59	-1.595		
46	3.60	-0.946	3.61	0.087	3.62	1.119	3.63	2.048	3.64	2.664	3.65	2.818	3.66	2.509	3.67	1.971		
47	3.68	1.357	3.69	0.904	3.70	0.612	3.71	0.320	3.72	0.028	3.73	-0.531	3.74	-1.090	3.75	-2.232		
48	3.76	-2.136	3.77	-2.040	3.78	-1.481	3.79	-0.459	3.80	0.562	3.81	1.584	3.82	1.620	3.83	1.657		
49	3.84	1.693	3.85	1.635	3.86	1.546	3.87	1.456	3.88	1.367	3.89	1.097	3.90	0.283	3.91	0.530		
50	3.92	-1.262	3.93	-1.748	3.94	-2.235	3.95	-2.722	3.96	-2.928	3.97	-2.644	3.98	-2.062	3.99	-1.389		
51	4.00	-2.218	4.01	-1.894	4.02	-1.569	4.03	-1.243	4.04	-0.912	4.05	-0.582	4.06	-0.251	4.07	-0.026		
52	4.08	0.164	4.09	0.353	4.10	0.464	4.11	0.495	4.12	0.526	4.13	0.557	4.14	0.588	4.15	0.481		
53	4.16	0.175	4.17	-0.110	4.18	-0.396	4.19	-0.705	4.20	-0.887	4.21	-0.691	4.22	-0.496	4.23	-0.287		
54	4.24	-0.066	4.25	0.066	4.26	-0.069	4.27	-0.204	4.28	-0.339	4.29	-0.465	4.30	-0.566	4.31	-0.667		
55	4.32	-0.768	4.33	-0.841	4.34	-0.829	4.35	-0.818	4.36	-0.806	4.37	-0.791	4.38	-0.424	4.39	0.949		
56	4.40	1.384	4.41	1.642	4.42	1.371	4.43	0.959	4.44	0.125	4.45	-0.710	4.46	-0.935	4.47	-1.160		
57	4.48	-1.252	4.49	-1.213	4.50	-1.173	4.51	-1.134	4.52	-1.029	4.53	-0.924	4.54	-0.819	4.55	-0.715		
58	4.56	-0.139	4.57	-0.660	4.58	-0.881	4.59	-0.672	4.60	-0.500	4.61	-0.144	4.62	0.211	4.63	0.506		
59	4.64	0.620	4.65	0.734	4.66	0.848	4.67	0.635	4.68	0.312	4.69	0.025	4.70	-0.282	4.71	-0.513		
60	4.72	-0.319	4.73	-0.202	4.74	-0.086	4.75	0.517	4.76	1.789	4.77	1.500	4.78	0.422	4.79	1.389		
61	4.80	1.116	4.81	0.414	4.82	-0.432	4.83	-0.452	4.84	-0.472	4.85	-0.293	4.86	-0.115	4.87	0.064		
62	4.88	0.119	4.89	0.174	4.90	-0.013	4.91	-0.442	4.92	-0.871	4.93	-1.138	4.94	-1.351	4.95	-1.420		
63	4.96	-1.345	4.97	-1.269	4.98	-1.194	4.99	-1.119	5.00	-1.046	5.01	-0.984	5.02	-0.921	5.03	-0.858		
64	5.04	-0.795	5.05	-0.445	5.06	0.193	5.07	0.258	5.08	0.132	5.09	0.066	5.10	-0.119	5.11	-0.245		
65	5.12	-0.422	5.13	-0.650	5.14	-0.879	5.15	-1.022	5.16	-0.911	5.17	-0.800	5.18	-0.689	5.19	-0.577		
66	5.20	-0.522	5.21	-0.633	5.22	-0.745	5.23	-0.857	5.24	-0.968	5.25	-0.838	5.26	-0.627	5.27	-0.416		
67	5.28	-0.222	5.29	-0.076	5.30	0.066	5.31	0.168	5.32	0.329	5.33	0.290	5.34	0.419	5.35	0.752		
68	5.36	1.084	5.37	1.306	5.38	1.194	5.39	0.361	5.40	-0.177	5.41	-0.831	5.42	-1.285	5.43	-1.620		
69	5.44	-1.594	5.45	-1.566	5.46	-1.550	5.47	-1.500	5.48	-1.570	5.49	-1.580	5.50	-1.590	5.51	-1.394		
70	5.52	-1.197	5.53	-1.001	5.54	-0.623	5.55	-0.184	5.56	0.254	5.57	0.544	5.58	0.783	5.59	1.023		
71	5.60	1.262	5.61	1.375	5.62	1.487	5.63	1.600	5.64	1.370	5.65	1.140						

Digitized Accelerogram of Earthquake Record with Index Number E-31 (8-2-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	0.952	0.01	1.351	0.02	1.573	0.03	1.244	0.04	0.838	0.05	0.294	0.06	-0.259	0.07	-9.081
2	0.08	0.088	0.09	1.375	0.10	2.662	0.11	3.006	0.12	5.473	0.13	5.473	0.14	5.473	0.15	5.445
3	0.16	4.734	0.17	2.614	0.18	0.487	0.19	-1.662	0.20	-3.043	0.21	-3.456	0.22	-3.318	0.23	-1.058
4	0.24	0.651	0.25	0.917	0.26	0.703	0.27	0.546	0.28	0.126	0.29	-0.614	0.30	-1.025	0.31	-1.106
5	0.32	-0.979	0.33	-0.784	0.34	-0.588	0.35	-0.393	0.36	-0.197	0.37	0.023	0.38	0.250	0.39	0.477
6	0.40	0.870	0.41	1.759	0.42	2.648	0.43	3.127	0.44	3.607	0.45	3.949	0.46	3.883	0.47	3.403
7	0.48	2.787	0.49	2.096	0.50	1.186	0.51	0.276	0.52	-0.634	0.53	-2.064	0.54	-3.626	0.55	-3.803
8	0.56	-3.729	0.57	-3.452	0.58	-3.176	0.59	-2.822	0.60	-2.444	0.61	-2.069	0.62	-1.694	0.63	-1.319
9	0.64	-3.361	0.65	-2.991	0.66	-2.622	0.67	-2.253	0.68	-1.884	0.69	-1.515	0.70	-1.146	0.71	-0.777
10	0.72	3.702	0.73	3.735	0.74	3.768	0.75	3.801	0.76	3.834	0.77	3.867	0.78	3.900	0.79	3.933
11	0.80	1.782	0.81	2.095	0.82	2.270	0.83	2.445	0.84	2.620	0.85	2.795	0.86	2.970	0.87	3.145
12	0.88	-1.057	0.89	-1.063	0.90	-1.069	0.91	-1.075	0.92	-1.081	0.93	-1.087	0.94	-1.093	0.95	-1.099
13	0.96	-1.096	0.97	-1.102	0.98	-1.108	0.99	-1.114	1.00	-1.120	1.01	-1.126	1.02	-1.132	1.03	-1.138
14	1.04	-1.144	1.05	-1.150	1.06	-1.156	1.07	-1.162	1.08	-1.168	1.09	-1.174	1.10	-1.180	1.11	-1.186
15	1.12	-1.192	1.13	-1.198	1.14	-1.204	1.15	-1.210	1.16	-1.216	1.17	-1.222	1.18	-1.228	1.19	-1.234
16	1.20	0.257	1.21	0.286	1.22	0.315	1.23	0.344	1.24	0.373	1.25	0.402	1.26	0.431	1.27	0.460
17	1.28	0.490	1.29	0.519	1.30	0.548	1.31	0.577	1.32	0.606	1.33	0.635	1.34	0.664	1.35	0.693
18	1.36	-0.554	1.37	-0.583	1.38	-0.612	1.39	-0.641	1.40	-0.670	1.41	-0.699	1.42	-0.728	1.43	-0.757
19	1.44	-2.933	1.45	-1.836	1.46	-0.739	1.47	0.358	1.48	1.457	1.49	2.556	1.50	3.655	1.51	4.754
20	1.52	4.755	1.53	4.663	1.54	4.240	1.55	3.074	1.56	1.908	1.57	0.742	1.58	-0.424	1.59	-1.598
21	1.60	1.371	1.61	0.330	1.62	-0.772	1.63	-1.908	1.64	-3.044	1.65	-4.180	1.66	-5.316	1.67	-6.452
22	1.68	-0.657	1.69	-0.247	1.70	0.175	1.71	0.606	1.72	1.037	1.73	1.468	1.74	1.899	1.75	2.330
23	1.76	0.648	1.77	0.509	1.78	0.016	1.79	-0.416	1.80	-0.847	1.81	-1.278	1.82	-1.709	1.83	-2.140
24	1.84	1.592	1.85	0.995	1.86	0.297	1.87	-0.400	1.88	-0.831	1.89	-1.262	1.90	-1.693	1.91	-2.124
25	1.92	-0.293	1.93	-0.270	1.94	-0.247	1.95	-0.224	1.96	-0.201	1.97	-0.178	1.98	-0.155	1.99	-0.132
26	2.00	-1.348	2.01	-2.868	2.02	-4.388	2.03	-5.908	2.04	-7.428	2.05	-8.948	2.06	-10.468	2.07	-11.988
27	2.08	1.674	2.09	1.702	2.10	1.730	2.11	1.758	2.12	1.786	2.13	1.814	2.14	1.842	2.15	1.870
28	2.16	1.990	2.17	1.462	2.18	0.934	2.19	0.406	2.20	-0.122	2.21	-0.650	2.22	-1.178	2.23	-1.706
29	2.24	-2.167	2.25	-2.348	2.26	-2.529	2.27	-2.710	2.28	-2.891	2.29	-3.072	2.30	-3.253	2.31	-3.434
30	2.32	1.144	2.33	1.024	2.34	0.731	2.35	0.380	2.36	-0.201	2.37	-0.782	2.38	-1.363	2.39	-1.944
31	2.40	-1.228	2.41	-1.033	2.42	-0.839	2.43	-0.645	2.44	-0.451	2.45	-0.257	2.46	-0.063	2.47	0.131
32	2.48	-2.249	2.49	-1.977	2.50	-1.588	2.51	-1.199	2.52	-0.810	2.53	-0.421	2.54	-0.032	2.55	0.358
33	2.56	2.302	2.57	2.500	2.58	2.580	2.59	2.660	2.60	2.740	2.61	2.820	2.62	2.900	2.63	2.980
34	2.64	0.633	2.65	-1.002	2.66	-2.095	2.67	-3.188	2.68	-4.281	2.69	-5.374	2.70	-6.467	2.71	-7.560
35	2.72	-1.940	2.73	-1.526	2.74	-1.112	2.75	-0.698	2.76	-0.284	2.77	0.130	2.78	0.546	2.79	0.962
36	2.80	-1.672	2.81	-2.430	2.82	-3.188	2.83	-3.946	2.84	-4.704	2.85	-5.462	2.86	-6.220	2.87	-6.978
37	2.88	-3.556	2.89	-3.361	2.90	-3.166	2.91	-2.971	2.92	-2.776	2.93	-2.581	2.94	-2.386	2.95	-2.191
38	2.96	3.690	2.97	3.389	2.98	2.646	2.99	1.903	3.00	1.160	3.01	0.417	3.02	-0.326	3.03	-1.069
39	3.04	-1.397	3.05	-1.695	3.06	-1.827	3.07	-1.794	3.08	-1.761	3.09	-1.728	3.10	-1.695	3.11	-1.662
40	3.12	-2.375	3.13	-1.972	3.14	-1.393	3.15	-0.684	3.16	0.068	3.17	0.825	3.18	1.582	3.19	2.339
41	3.20	0.005	3.21	-0.081	3.22	-0.167	3.23	-0.253	3.24	-0.339	3.25	-0.425	3.26	-0.511	3.27	-0.597
42	3.28	1.022	3.29	1.392	3.30	1.582	3.31	1.341	3.32	1.100	3.33	0.859	3.34	0.618	3.35	0.377
43	3.36	-0.431	3.37	-0.877	3.38	-1.272	3.39	-1.666	3.40	-2.060	3.41	-2.454	3.42	-2.848	3.43	-3.242
44	3.44	3.444	3.45	0.595	3.46	0.030	3.47	-0.536	3.48	-1.072	3.49	-1.608	3.50	-2.144	3.51	-2.680
45	3.52	1.175	3.53	0.508	3.54	-0.295	3.55	-1.158	3.56	-2.021	3.57	-2.884	3.58	-3.747	3.59	-4.610
46	3.60	-3.991	3.61	-3.994	3.62	-3.997	3.63	-3.999	3.64	-3.999	3.65	-3.999	3.66	-3.999	3.67	-3.999
47	3.68	0.840	3.69	1.160	3.70	1.259	3.71	1.358	3.72	1.457	3.73	1.556	3.74	1.655	3.75	1.754
48	3.76	-0.007	3.77	-0.355	3.78	-0.475	3.79	-0.520	3.80	-0.564	3.81	-0.608	3.82	-0.652	3.83	-0.696
49	3.84	0.472	3.85	0.502	3.86	0.532	3.87	0.562	3.88	0.592	3.89	0.622	3.90	0.652	3.91	0.682
50	3.92	-1.655	3.93	-2.346	3.94	-2.805	3.95	-3.303	3.96	-3.757	3.97	-4.211	3.98	-4.665	3.99	-5.119
51	4.00	-2.969	4.01	-2.002	4.02	-0.453	4.03	0.933	4.04	2.155	4.05	3.377	4.06	4.599	4.07	5.821
52	4.08	2.893	4.09	2.524	4.10	1.857	4.11	1.079	4.12	0.299	4.13	-0.481	4.14	-1.263	4.15	-2.045
53	4.16	-0.951	4.17	-0.681	4.18	-0.313	4.19	0.033	4.20	0.379	4.21	0.725	4.22	1.071	4.23	1.417
54	4.24	0.470	4.25	0.910	4.26	1.350	4.27	1.790	4.28	2.230	4.29	2.670	4.30	3.110	4.31	3.550
55	4.32	0.418	4.33	0.317	4.34	0.216	4.35	0.115	4.36	0.014	4.37	-0.087	4.38	-0.188	4.39	-0.289
56	4.40	-2.132	4.41	-1.561	4.42	-0.990	4.43	-0.419	4.44	0.152	4.45	0.785	4.46	1.418	4.47	2.051
57	4.48	0.255	4.49	0.233	4.50	0.202	4.51	0.125	4.52	0.048	4.53	-0.029	4.54	-0.106	4.55	-0.183
58	4.56	0.657	4.57	0.954	4.58	1.243	4.59	1.532	4.60	1.821	4.61	2.110	4.62	2.399	4.63	2.688
59	4.64	2.092	4.65	1.786	4.66	1.567	4.67	1.348	4.68	1.129	4.69	0.910	4.70	0.691	4.71	0.472
60	4.72	-0.230	4.73	-0.656	4.74	-1.354	4.75	-2.052	4.76	-2.750	4.77	-3.448	4.78	-4.146	4.79	-4.844
61	4.80	-0.722	4.81	-0.343	4.82	0.011	4.83	0.252	4.84	0.493	4.85	0.734	4.86	0.975	4.87	1.216
62	4.88	-0.419	4.89	-0.584	4.90	-0.749	4.91	-0.914	4.92	-1.079	4.93	-1.244	4.94	-1.409	4.95	-1.574
63	4.96	-0.419	4.97	-1.695	4.98	-2.078	4.99	-2.461	5.00	-2.844	5.01	-3.227	5.02	-3.610	5.03	-3.993
64	5.04	-0.626	5.05	-0.358	5.06	0.054	5.07	0.492	5.08	0.930	5.09	1.368	5.10	1.806	5.11	2.244
65	5.12	-0.382	5.13	-0.375	5.14	-0.368	5.15	-0.361	5.16	-0.354	5.17	-0.347	5.18	-0.340	5.19	-0.333
66	5.20	-0.141	5.21	-0.164	5.22	-0.186	5.23	-0.208	5.24	-0.230	5.25	-0.252	5.26	-0.274	5.27	-0.296
67	5.28	0.861	5.29	0.664	5.30	0.467	5.31	0.308	5.32	0.149	5.33	-0.010	5.34	-0.169	5.35	-0.328
68	5.36	0.288	5.37	0.217	5.38	0.093	5.39	-0.190	5.40	-0.473	5.41	-0.756	5.42	-1.039	5.43	-1.322
69	5.44	-1.703	5.45	-1.914	5.46	-1.967	5.47	-1.850	5.48	-1.602	5.49	-1.354	5.50	-1.106	5.51	-0.858
70	5.52	-0.013	5.53	0.052	5.54	0.118	5.55	0.183	5.56	0.248	5.57	0.313	5.58	0.378	5.59	0.443
71	5.60	-0.564	5.61	-0.495	5.62	-0.345	5.63	-0.230	5.64	-0.150	5.65	-0.089	5.66	-0.028	5.67	0.033
72	5.68	-0.805	5.69	-0.898	5.70	-0.991	5.71	-1.084	5.72	-1.177	5.73	-1.270	5.74	-1.363	5.75	-1.456
73	5.76	-0.635	5.77	-0.840	5.78	-1.045	5.79	-1.250	5.80	-1.455	5.81	-1.660	5.82	-1.865	5.83	-2.070
74	5.84	-1.740	5.85	-1.834	5.86	-1.928	5.87	-2.022	5.88	-2.116	5.89	-2.210	5.90	-2.304	5.91	-2.398
75	5.92	1.379	5.93	1												

Digitized Accelerogram of Earthquake Record with Index Number E-32 (8-2-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	1.011	0.01	1.329	0.02	1.646	0.03	1.775	0.04	1.337	0.05	0.937	0.06	0.452	0.07	0.366		
2	0.08	0.001	0.09	-0.093	0.10	0.068	0.11	0.229	0.12	0.390	0.13	0.551	0.14	0.381	0.15	0.101		
3	0.16	-0.179	0.17	-0.583	0.18	-0.987	0.19	-1.391	0.20	-1.439	0.21	-0.541	0.22	1.027	0.23	2.958		
4	0.24	2.893	0.25	2.194	0.26	0.699	0.27	-0.738	0.28	-1.204	0.29	0.230	0.30	2.931	0.31	3.319		
5	0.32	3.304	0.33	3.157	0.34	2.619	0.35	2.681	0.36	2.199	0.37	1.717	0.38	1.235	0.39	0.697		
6	0.40	0.102	0.41	-0.402	0.42	-1.001	0.43	-1.650	0.44	-1.688	0.45	-0.981	0.46	-0.967	0.47	-0.505		
7	0.48	-0.296	0.49	-0.338	0.50	-0.301	0.51	-0.381	0.52	-0.301	0.53	0.092	0.54	0.365	0.55	1.151		
8	0.56	1.853	0.57	1.456	0.58	0.743	0.59	0.179	0.60	-0.305	0.61	-0.403	0.62	-0.422	0.63	0.041		
9	0.64	0.664	0.65	1.279	0.66	1.869	0.67	2.459	0.68	2.897	0.69	3.098	0.70	2.734	0.71	2.343		
10	0.72	1.873	0.73	1.402	0.74	0.932	0.75	-0.462	0.76	-0.001	0.77	-0.459	0.78	-0.919	0.79	-1.298		
11	0.80	-1.429	0.81	-1.561	0.82	-1.596	0.83	-1.462	0.84	-1.088	0.85	-0.834	0.86	-0.580	0.87	-0.299		
12	0.88	-0.018	0.89	0.263	0.90	0.544	0.91	0.920	0.92	1.392	0.93	1.637	0.94	1.203	0.95	0.770		
13	0.96	-0.003	0.97	-0.896	0.98	-1.805	0.99	-2.740	1.00	-3.173	1.01	-3.598	1.02	-3.538	1.03	-2.994		
14	1.04	-2.449	1.05	-1.450	1.06	-0.299	1.07	0.852	1.08	1.609	1.09	1.973	1.10	2.012	1.11	1.727		
15	1.12	-1.393	1.13	1.043	1.14	0.693	1.15	0.713	1.16	0.713	1.17	1.083	1.18	1.237	1.19	1.319		
16	1.20	1.212	1.21	0.536	1.22	-0.110	1.23	-0.708	1.24	-1.208	1.25	-1.681	1.26	-1.857	1.27	-1.998		
17	1.28	-2.037	1.29	-2.075	1.30	-1.956	1.31	-1.679	1.32	-1.344	1.33	-0.836	1.34	-0.329	1.35	0.109		
18	1.36	0.523	1.37	0.501	1.38	0.198	1.39	-0.513	1.40	-0.924	1.41	-1.033	1.42	-1.033	1.43	-0.371		
19	1.44	0.380	1.45	1.070	1.46	1.730	1.47	2.122	1.48	1.802	1.49	1.262	1.50	0.502	1.51	-0.164		
20	1.52	-0.798	1.53	-0.553	1.54	0.269	1.55	0.812	1.56	1.354	1.57	1.897	1.58	1.684	1.59	1.686		
21	1.60	1.244	1.61	0.729	1.62	0.220	1.63	-0.206	1.64	-0.510	1.65	-0.445	1.66	-0.381	1.67	-0.070		
22	1.68	-1.360	1.69	-2.808	1.70	-3.646	1.71	-4.280	1.72	-4.462	1.73	-4.143	1.74	-3.442	1.75	-2.429		
23	1.76	-0.123	1.77	-0.670	1.78	-0.049	1.79	0.285	1.80	0.522	1.81	0.758	1.82	1.000	1.83	2.097		
24	1.84	2.554	1.85	2.387	1.86	1.893	1.87	1.168	1.88	0.317	1.89	-0.195	1.90	-0.169	1.91	0.308		
25	1.92	0.935	1.93	1.562	1.94	2.069	1.95	2.575	1.96	2.746	1.97	2.570	1.98	2.413	1.99	2.104		
26	2.00	1.747	2.01	1.254	2.02	0.761	2.03	-0.268	2.04	-0.880	2.05	-1.169	2.06	-1.019	2.07	-0.460		
27	2.08	-0.543	2.09	-0.626	2.10	-0.436	2.11	-0.155	2.12	-0.028	2.13	0.048	2.14	0.124	2.15	0.268		
28	2.16	0.714	2.17	0.937	2.18	0.955	2.19	0.868	2.20	0.462	2.21	0.061	2.22	-0.327	2.23	-0.716		
29	2.24	-0.664	2.25	-0.612	2.26	-0.197	2.27	0.217	2.28	0.601	2.29	0.577	2.30	0.420	2.31	-0.126		
30	2.32	-0.952	2.33	-1.671	2.34	-2.252	2.35	-2.696	2.36	-2.301	2.37	-1.907	2.38	-1.512	2.39	-0.948		
31	2.40	-0.383	2.41	0.181	2.42	0.746	2.43	1.238	2.44	1.514	2.45	1.290	2.46	0.899	2.47	0.460		
32	2.48	-0.123	2.49	-0.705	2.50	-1.121	2.51	-1.419	2.52	-1.361	2.53	-1.304	2.54	-0.768	2.55	-0.073		
33	2.56	0.622	2.57	0.913	2.58	0.913	2.59	0.412	2.60	-0.322	2.61	-1.135	2.62	-1.907	2.63	-2.223		
34	2.64	-1.268	2.65	-0.250	2.66	0.678	2.67	1.335	2.68	1.753	2.69	1.753	2.70	1.311	2.71	0.664		
35	2.72	-0.080	2.73	-1.115	2.74	-2.151	2.75	-2.781	2.76	-3.208	2.77	-3.026	2.78	-2.845	2.79	-2.107		
36	2.80	-0.812	2.81	0.228	2.82	0.965	2.83	1.648	2.84	0.645	2.85	0.100	2.86	-0.127	2.87	0.351		
37	2.88	-1.284	2.89	-1.056	2.90	-0.672	2.91	-0.351	2.92	-0.051	2.93	0.249	2.94	0.340	2.95	0.090		
38	2.96	-0.556	2.97	-1.202	2.98	-1.382	2.99	-1.552	3.00	-1.742	3.01	-1.787	3.02	-1.787	3.03	-1.492		
39	3.04	-1.100	3.05	-0.707	3.06	-0.190	3.07	0.326	3.08	0.490	3.09	0.536	3.10	0.509	3.11	0.409		
40	3.12	0.308	3.13	-0.091	3.14	-0.489	3.15	-0.754	3.16	-0.885	3.17	-1.017	3.18	-1.148	3.19	-1.086		
41	3.20	-1.024	3.21	-0.963	3.22	-0.901	3.23	-0.711	3.24	-0.521	3.25	-0.332	3.26	-0.100	3.27	0.173		
42	3.28	-0.447	3.29	0.720	3.30	0.905	3.31	0.820	3.32	0.434	3.33	-0.254	3.34	-0.816	3.35	-1.336		
43	3.36	-1.213	3.37	-0.686	3.38	-0.142	3.39	0.449	3.40	0.842	3.41	1.211	3.42	1.490	3.43	2.677		
44	3.44	2.406	3.45	1.677	3.46	0.925	3.47	-0.149	3.48	-1.084	3.49	-1.425	3.50	-1.050	3.51	-0.676		
45	3.52	-1.732	3.53	-1.969	3.54	-2.127	3.55	-1.905	3.56	-1.425	3.57	-0.835	3.58	-0.340	3.59	-0.137		
46	3.60	-0.313	3.61	0.045	3.62	0.195	3.63	0.135	3.64	0.085	3.65	0.038	3.66	0.019	3.67	0.137		
47	3.68	0.575	3.69	0.664	3.70	0.351	3.71	0.141	3.72	0.238	3.73	0.501	3.74	0.819	3.75	1.137		
48	3.76	1.196	3.77	1.036	3.78	0.477	3.79	-0.058	3.80	-0.569	3.81	-1.080	3.82	-1.591	3.83	-1.674		
49	3.84	-1.753	3.85	-1.396	3.86	-0.890	3.87	-0.620	3.88	-0.588	3.89	-0.556	3.90	-0.412	3.91	0.069		
50	3.92	0.550	3.93	1.017	3.94	1.481	3.95	1.636	3.96	1.791	3.97	1.354	3.98	0.917	3.99	0.600		
51	4.00	0.283	4.01	-0.115	4.02	0.096	4.03	0.077	4.04	0.044	4.05	-0.031	4.06	-0.106	4.07	-0.395		
52	4.08	-0.754	4.09	-1.075	4.10	-1.353	4.11	-1.558	4.12	-1.593	4.13	-1.618	4.14	-1.443	4.15	-1.201		
53	4.16	-0.959	4.17	-0.566	4.18	-0.124	4.19	0.322	4.20	0.636	4.21	0.553	4.22	-0.006	4.23	-0.565		
54	4.24	-1.049	4.25	-1.307	4.26	-1.566	4.27	-1.316	4.28	-0.895	4.29	-0.475	4.30	-0.055	4.31	0.336		
55	4.32	0.717	4.33	1.699	4.34	1.228	4.35	1.273	4.36	1.116	4.37	0.755	4.38	0.318	4.39	0.177		
56	4.40	-0.749	4.41	-0.888	4.42	-0.832	4.43	-0.691	4.44	-0.432	4.45	-0.254	4.46	-0.092	4.47	-0.371		
57	4.48	-0.233	4.49	-0.395	4.50	-0.614	4.51	-0.868	4.52	-1.163	4.53	-1.277	4.54	-1.391	4.55	-1.386		
58	4.56	-1.022	4.57	-0.728	4.58	-0.446	4.59	-0.167	4.60	-0.019	4.61	-0.962	4.62	-1.104	4.63	-1.484		
59	4.64	-1.864	4.65	-2.043	4.66	-2.013	4.67	-1.563	4.68	-1.113	4.69	-0.699	4.70	-0.393	4.71	-0.086		
60	4.72	-0.220	4.73	0.234	4.74	0.079	4.75	-0.247	4.76	-0.572	4.77	-0.841	4.78	-0.625	4.79	-0.533		
61	4.80	-0.210	4.81	0.112	4.82	0.286	4.83	0.459	4.84	0.481	4.85	0.051	4.86	-0.380	4.87	-0.838		
62	4.88	-1.325	4.89	-1.339	4.90	-1.148	4.91	-0.735	4.92	-0.390	4.93	-0.059	4.94	0.272	4.95	0.036		
63	4.96	-0.136	4.97	-0.113	4.98	-0.065	4.99	-0.008	5.00	0.011	5.01	0.193	5.02	-0.397	5.03	-0.515		
64	5.04	-0.863	5.05	-1.138	5.06	-1.394	5.07	-1.752	5.08	-2.111	5.09	-2.335	5.10	-2.425	5.11	-2.515		
65	5.12	-2.344	5.13	-1.910	5.14	-1.414	5.15	-0.730	5.16	-0.046	5.17	0.350	5.18	0.746	5.19	0.938		
66	5.20	0.713	5.21	0.660	5.22	0.671	5.23	0.683	5.24	0.694	5.25	0.488	5.26	0.207	5.27	-0.080		
67	5.28	-0.768	5.29	-1.013	5.30	-0.777	5.31	-0.262	5.32	0.252	5.33	0.676	5.34	1.100	5.35	1.241		
68	5.36	1.099	5.37	0.957	5.38	0.907	5.39	0.858	5.40	0.807	5.41	0.759	5.42	0.669	5.43	0.297		
69	5.44	-0.165	5.45	-0.585	5.46	-0.965	5.47	-1.246	5.48	-1.229	5.49	-1.213	5.50	-1.017	5.51	-0.762		
70	5.52	-0.506	5.53	-0.235	5.54	0.052	5.55	0.338	5.56	0.625	5.57	0.912	5.58	1.198	5.59	0.935		
71	5.60	0.839	5.61	0.243	5.62	-0.154	5.63	-0.616	5.64	-1.078	5.65	-1.453						

Digitized Accelerogram of Earthquake Record with Index Number E-33 (9-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	2.820	0.01	4.280	0.02	5.740	0.03	7.210	0.04	9.770	0.05	12.330	0.06	12.240	0.07	11.100
2	0.08	9.970	0.09	9.900	0.10	9.840	0.11	6.670	0.12	6.610	0.13	5.790	0.14	4.970	0.15	7.990
3	0.16	11.010	0.17	11.400	0.18	11.800	0.19	10.170	0.20	7.330	0.21	4.490	0.22	7.470	0.23	9.250
4	0.24	11.030	0.25	11.480	0.26	11.940	0.27	12.400	0.28	12.800	0.29	13.210	0.30	12.540	0.31	9.370
5	0.32	6.830	0.33	4.290	0.34	2.680	0.35	1.060	0.36	1.940	0.37	4.480	0.38	7.030	0.39	8.510
6	0.40	10.000	0.41	12.380	0.42	12.310	0.43	12.250	0.44	9.570	0.45	6.800	0.46	6.300	0.47	5.720
7	0.48	5.130	0.49	5.370	0.50	5.610	0.51	5.860	0.52	6.110	0.53	10.030	0.54	15.190	0.55	17.610
8	0.56	16.930	0.57	11.940	0.58	6.950	0.59	1.960	0.60	-5.020	0.61	-12.050	0.62	-12.110	0.63	-12.920
9	0.64	-13.740	0.65	-10.710	0.66	19.730	0.67	15.300	0.68	23.240	0.69	22.590	0.70	19.170	0.71	5.040
10	0.72	-0.080	0.73	-1.070	0.74	-2.060	0.75	-2.430	0.76	-2.790	0.77	0.030	0.78	17.960	0.79	21.630
11	0.80	24.040	0.81	23.990	0.82	15.900	0.83	7.820	0.84	-2.720	0.85	-11.100	0.86	-13.660	0.87	-13.070
12	0.88	-6.970	0.89	5.280	0.90	19.350	0.91	22.090	0.92	24.830	0.93	17.970	0.94	0.930	0.95	-6.520
13	0.96	-7.170	0.97	-2.920	0.98	6.220	0.99	6.200	1.00	1.820	1.01	-0.700	1.02	-4.780	1.03	1.300
14	1.04	7.370	1.05	11.470	1.06	15.570	1.07	15.520	1.08	12.670	1.09	9.020	1.10	6.980	1.11	4.150
15	1.12	2.520	1.13	3.700	1.14	4.880	1.15	6.370	1.16	4.760	1.17	3.160	1.18	2.480	1.19	-9.390
16	1.20	-21.080	1.21	-29.140	1.22	-33.820	1.23	-33.280	1.24	-25.630	1.25	-3.860	1.26	3.780	1.27	4.340
17	1.28	-0.990	1.29	-10.300	1.30	-19.610	1.31	-19.670	1.32	-16.030	1.33	-5.930	1.34	5.380	1.35	9.330
18	1.36	13.260	1.37	15.220	1.38	17.160	1.39	15.560	1.40	13.960	1.41	10.210	1.42	-5.300	1.43	-11.190
19	1.44	-13.390	1.45	-10.710	1.46	-10.150	1.47	38.410	1.48	40.520	1.49	42.910	1.50	40.700	1.51	36.040
20	1.52	8.550	1.53	-23.260	1.54	-34.380	1.55	-35.380	1.56	-34.020	1.57	-22.620	1.58	-14.050	1.59	-9.510
21	1.60	-10.200	1.61	-9.650	1.62	-9.070	1.63	-6.360	1.64	-5.210	1.65	-4.050	1.66	-14.290	1.67	-37.760
22	1.68	-49.840	1.69	-51.410	1.70	-40.690	1.71	-10.300	1.72	-0.780	1.73	3.060	1.74	6.900	1.75	10.740
23	1.76	-2.930	1.77	-11.290	1.78	-19.640	1.79	-25.860	1.80	-22.900	1.81	-22.340	1.82	-23.030	1.83	-21.530
24	1.84	-17.870	1.85	4.520	1.86	26.910	1.87	33.640	1.88	40.380	1.89	42.470	1.90	32.540	1.91	-9.740
25	1.92	-31.670	1.93	-49.010	1.94	-47.520	1.95	-43.890	1.96	-25.790	1.97	-11.830	1.98	2.130	1.99	16.230
26	2.00	30.320	2.01	30.980	2.02	15.730	2.03	-7.770	2.04	-13.680	2.05	-13.710	2.06	-0.840	2.07	11.070
27	2.08	11.000	2.09	-4.780	2.10	-18.050	2.11	-18.740	2.12	-11.090	2.13	23.000	2.14	29.390	2.15	27.190
28	2.16	-0.910	2.17	-25.160	2.18	-49.410	2.19	-61.490	2.20	-63.070	2.21	-54.830	2.22	-37.940	2.23	-14.610
29	2.24	5.610	2.25	12.960	2.26	19.050	2.27	22.070	2.28	21.410	2.29	15.180	2.30	-3.380	2.31	-15.470
30	2.32	-17.060	2.33	-18.650	2.34	-20.900	2.35	-16.480	2.36	-12.060	2.37	-2.890	2.38	2.590	2.39	2.530
31	2.40	8.910	2.41	14.060	2.42	17.080	2.43	14.860	2.44	8.660	2.45	-12.050	2.46	-17.070	2.47	-9.760
32	2.48	-2.740	2.49	-1.230	2.50	-1.290	2.51	0.690	2.52	2.670	2.53	4.650	2.54	3.990	2.55	3.330
33	2.56	-1.970	2.57	-12.200	2.58	-21.970	2.59	-31.730	2.60	-36.120	2.61	-36.180	2.62	-21.460	2.63	-6.750
34	2.64	13.470	2.65	15.590	2.66	16.460	2.67	11.140	2.68	8.520	2.69	5.890	2.70	3.270	2.71	1.510
35	2.72	-0.280	2.73	-0.350	2.74	2.170	2.75	4.680	2.76	7.200	2.77	14.160	2.78	14.130	2.79	7.280
36	2.80	-7.590	2.81	-10.120	2.82	-7.870	2.83	-5.620	2.84	-3.110	2.85	-0.610	2.86	1.900	2.87	-0.340
37	2.88	-4.710	2.89	-9.080	2.90	-13.460	2.91	-7.650	2.92	-4.630	2.93	-0.090	2.94	-1.230	2.95	-2.370
38	2.96	0.170	2.97	2.710	2.98	1.430	2.99	-2.470	3.00	-6.380	3.01	-3.510	3.02	-0.640	3.03	0.110
39	3.04	0.860	3.05	1.620	3.06	3.850	3.07	6.090	3.08	12.170	3.09	12.890	3.10	13.620	3.11	10.450
40	3.12	3.910	3.13	-2.620	3.14	-10.410	3.15	-11.390	3.16	-8.820	3.17	-6.260	3.18	-3.240	3.19	-0.220
41	3.20	-0.910	3.21	-1.610	3.22	-1.670	3.23	-1.740	3.24	-1.800	3.25	-1.300	3.26	-0.810	3.27	-0.310
42	3.28	0.190	3.29	0.690	3.30	1.850	3.31	3.010	3.32	4.160	3.33	5.320	3.34	7.390	3.35	11.020
43	3.36	14.980	3.37	11.200	3.38	6.680	3.39	6.170	3.40	7.050	3.41	-0.750	3.42	-1.830	3.43	-2.990
44	3.44	-3.980	3.45	-5.010	3.46	-4.760	3.47	-4.520	3.48	-4.270	3.49	-0.480	3.50	3.300	3.51	6.320
45	3.52	9.340	3.53	9.260	3.54	7.040	3.55	2.370	3.56	-9.400	3.57	-17.160	3.58	-17.230	3.59	-10.360
46	3.60	-3.490	3.61	5.680	3.62	11.130	3.63	12.760	3.64	14.400	3.65	9.710	3.66	4.090	3.67	5.880
47	3.68	7.670	3.69	9.150	3.70	7.630	3.71	6.110	3.72	4.590	3.73	6.680	3.74	8.780	3.75	8.710
48	3.76	7.100	3.77	5.500	3.78	4.200	3.79	2.910	3.80	1.620	3.81	0.020	3.82	-1.570	3.83	-1.640
49	3.84	-0.180	3.85	1.280	3.86	1.230	3.87	-0.540	3.88	-2.300	3.89	0.200	3.90	2.700	3.91	5.200
50	3.92	2.830	3.93	0.460	3.94	-2.700	3.95	-5.860	3.96	-4.890	3.97	-3.920	3.98	-2.940	3.99	-3.520
51	4.00	-4.090	4.01	-4.670	4.02	-2.630	4.03	-2.630	4.04	-2.730	4.05	-2.790	4.06	-0.810	4.07	1.170
52	4.08	3.160	4.09	5.540	4.10	5.810	4.11	6.070	4.12	5.790	4.13	5.510	4.14	5.220	4.15	1.770
53	4.16	-1.680	4.17	-0.690	4.18	0.300	4.19	1.290	4.20	2.280	4.21	3.270	4.22	2.120	4.23	0.970
54	4.24	2.750	4.25	4.530	4.26	6.310	4.27	6.980	4.28	7.620	4.29	8.270	4.30	5.950	4.31	3.620
55	4.32	1.300	4.33	-2.320	4.34	-5.950	4.35	-4.700	4.36	-3.440	4.37	-2.190	4.38	-0.930	4.39	-0.700
56	4.40	-0.470	4.41	2.540	4.42	5.540	4.43	6.730	4.44	7.930	4.45	7.070	4.46	6.220	4.47	6.150
57	4.48	0.950	4.49	-4.240	4.50	-9.430	4.51	-6.920	4.52	-4.410	4.53	-1.900	4.54	1.100	4.55	4.100
58	4.56	4.670	4.57	3.520	4.58	2.360	4.59	-1.700	4.60	-5.960	4.61	-10.130	4.62	-11.150	4.63	-7.820
59	4.64	-4.480	4.65	-1.150	4.66	7.980	4.67	7.300	4.68	6.790	4.69	6.280	4.70	6.220	4.71	4.600
60	4.72	-0.080	4.73	-4.760	4.74	-9.430	4.75	-1.230	4.76	2.300	4.77	5.820	4.78	9.350	4.79	11.150
61	4.80	11.080	4.81	7.790	4.82	4.500	4.83	1.200	4.84	-2.090	4.85	-7.410	4.86	-5.220	4.87	-3.030
62	4.88	-0.840	4.89	2.890	4.90	6.630	4.91	10.360	4.92	8.990	4.93	7.620	4.94	6.250	4.95	4.880
63	4.96	3.580	4.97	2.290	4.98	0.990	4.99	3.170	5.00	5.350	5.01	7.540	5.02	6.170	5.03	4.800
64	5.04	3.440	5.05	2.070	5.06	0.660	5.07	-0.760	5.08	-2.170	5.09	-3.160	5.10	-4.140	5.11	-5.130
65	5.12	-6.110	5.13	-5.320	5.14	-4.530	5.15	-3.740	5.16	-2.950	5.17	-0.010	5.18	-2.580	5.19	5.140
66	5.20	6.610	5.21	3.940	5.22	1.270	5.23	-4.380	5.24	-4.420	5.25	-4.470	5.26	0.080	5.27	0.940
67	5.28	-2.840	5.29	-1.160	5.30	0.530	5.31	2.220	5.32	3.990	5.33	5.760	5.34	7.540	5.35	5.630
68	5.36	3.730	5.37	0.580	5.38	4.370	5.39	8.160	5.40	8.860	5.41	9.560	5.42	5.390	5.43	1.220
69	5.44	-2.960	5.45	2.190	5.46	3.040	5.47	3.280	5.48	3.530	5.49	3.140	5.50	2.760	5.51	0.870
70	5.52	-1.030	5.53	-2.920	5.54	0.980	5.55	3.460	5.56	5.940	5.57	8.420	5.58	10.900	5.59	5.280
71	5.60	-0.030	5.61	-0.600	5.62	-1.160	5.63	-1.730	5.64	-1.870	5.65	-2.010	5.66	-2.160	5.67	-2.300
72	5.68	-4.110	5.69	-5.920	5.70	-7.730	5.71	-2.970	5.72	1.790	5.73	6.550	5.74	4.290	5.75	4.010
73	5.76	3.740	5.77	3.470	5.78	9.520	5.79	-2.820	5.80	-2.240	5.81	-0.770	5.82	0.710	5.83	2.180
74	5.84	3.650														

Digitized Accelerogram of Earthquake Record with Index Number E-34 (9-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	0.310	0.01	5.570	0.02	2.020	0.03	0.070	0.04	-2.670	0.05	-0.430	0.06	1.020	0.07	4.800
2	0.08	5.260	0.09	5.720	0.10	6.190	0.11	7.200	0.12	0.220	0.13	7.750	0.14	7.290	0.15	6.830
3	0.16	5.520	0.17	6.220	0.18	5.720	0.19	7.220	0.20	0.990	0.21	10.770	0.22	10.870	0.23	10.970
4	0.24	9.680	0.25	6.400	0.26	4.580	0.27	0.610	0.28	-2.070	0.29	-4.740	0.30	-2.980	0.31	-1.210
5	0.32	2.120	0.33	5.460	0.34	4.780	0.35	-4.520	0.36	-7.950	0.37	-11.380	0.38	-19.770	0.39	-18.900
6	0.40	-16.040	0.41	-14.780	0.42	-11.350	0.43	2.440	0.44	-16.710	0.45	-36.790	0.46	-36.290	0.47	-36.190
7	0.48	8.290	0.49	-7.470	0.50	-21.680	0.51	-31.880	0.52	-36.280	0.53	-39.170	0.54	-24.680	0.55	-4.430
8	0.56	6.470	0.57	17.370	0.58	32.060	0.59	29.850	0.60	23.650	0.61	11.270	0.62	-1.420	0.63	-12.880
9	0.64	-20.310	0.65	-24.070	0.66	-23.490	0.67	-22.920	0.68	-17.430	0.69	-5.180	0.70	2.480	0.71	11.330
10	0.72	14.070	0.73	16.880	0.74	14.180	0.75	11.560	0.76	8.940	0.77	0.860	0.78	-6.910	0.79	-14.050
11	0.80	-13.160	0.81	0.960	0.82	6.740	0.83	11.920	0.84	14.960	0.85	10.890	0.86	13.590	0.87	8.920
12	0.88	4.120	0.89	0.960	0.90	-2.340	0.91	-3.010	0.92	-1.980	0.93	-0.940	0.94	3.590	0.95	6.630
13	0.96	13.660	0.97	15.590	0.98	25.710	0.99	-7.150	1.00	-14.880	1.01	-29.120	1.02	-33.180	1.03	-32.610
14	1.04	-28.040	1.05	-14.840	1.06	-37.860	1.07	-30.880	1.08	-36.580	1.09	-20.310	1.10	-6.240	1.11	-19.850
15	1.12	-24.040	1.13	-28.230	1.14	-37.860	1.15	-30.880	1.16	-36.580	1.17	-34.310	1.18	-21.570	1.19	-9.190
16	1.20	5.240	1.21	11.350	1.22	0.520	1.23	-11.600	1.24	-12.420	1.25	-17.250	1.26	-10.530	1.27	-0.420
17	1.28	10.940	1.29	17.960	1.30	28.970	1.31	26.780	1.32	16.570	1.33	-21.720	1.34	-25.750	1.35	-31.990
18	1.36	-29.880	1.37	-18.390	1.38	-6.890	1.39	1.990	1.40	29.940	1.41	45.590	1.42	46.160	1.43	39.330
19	1.44	15.270	1.45	-34.860	1.46	-84.980	1.47	-97.650	1.48	-101.690	1.49	-97.110	1.50	-28.540	1.51	26.240
20	1.52	55.900	1.53	85.560	1.54	87.700	1.55	86.420	1.56	58.290	1.57	36.390	1.58	-1.240	1.59	-61.690
21	1.60	-87.300	1.61	-92.890	1.62	-89.230	1.63	-41.880	1.64	-11.430	1.65	27.600	1.66	37.880	1.67	49.160
22	1.68	59.180	1.69	59.130	1.70	55.970	1.71	45.140	1.72	23.850	1.73	-27.060	1.74	-44.550	1.75	-49.010
23	1.76	-46.900	1.77	-15.260	1.78	4.380	1.79	8.010	1.80	5.180	1.81	-0.280	1.82	-5.700	1.83	-11.920
24	1.84	-11.350	1.85	-6.160	1.86	2.240	1.87	10.640	1.88	22.000	1.89	27.790	1.90	27.140	1.91	15.700
25	1.92	-34.300	1.93	-47.900	1.94	-49.480	1.95	-31.050	1.96	-22.150	1.97	-41.500	1.98	-45.480	1.99	38.650
26	2.00	7.450	2.01	-0.310	2.02	0.280	2.03	6.400	2.04	30.020	2.05	33.980	2.06	16.370	2.07	-26.820
27	2.08	-55.520	2.09	-60.510	2.10	-52.850	2.11	-25.180	2.12	26.490	2.13	63.390	2.14	70.120	2.15	67.290
28	2.16	56.480	2.17	4.010	2.18	-21.910	2.19	-47.830	2.20	-60.200	2.21	-63.630	2.22	-56.900	2.23	-26.480
29	2.24	10.260	2.25	47.000	2.26	54.030	2.27	50.290	2.28	36.370	2.29	7.960	2.30	0.230	2.31	-2.000
30	2.32	4.720	2.33	5.310	2.34	-0.010	2.35	-14.240	2.36	-30.930	2.37	-35.280	2.38	-25.480	2.39	-9.510
31	2.40	18.750	2.41	22.720	2.42	-15.030	2.43	17.370	2.44	4.070	2.45	-2.310	2.46	-6.690	2.47	-11.820
32	2.48	-14.950	2.49	-15.470	2.50	-15.030	2.51	-13.570	2.52	19.390	2.53	33.100	2.54	33.670	2.55	22.670
33	2.56	10.460	2.57	7.630	2.58	4.790	2.59	4.760	2.60	-4.560	2.61	-5.830	2.62	-1.590	2.63	2.650
34	2.64	2.130	2.65	1.610	2.66	5.580	2.67	12.910	2.68	20.230	2.69	21.120	2.70	15.520	2.71	5.590
35	2.72	3.290	2.73	0.990	2.74	-1.320	2.75	-3.630	2.76	-5.940	2.77	-8.250	2.78	-12.010	2.79	-16.090
36	2.80	-16.130	2.81	-10.640	2.82	8.690	2.83	21.280	2.84	24.910	2.85	11.450	2.86	-2.010	2.87	-12.550
37	2.88	-8.760	2.89	-4.970	2.90	-2.630	2.91	-5.510	2.92	-8.190	2.93	-6.700	2.94	-3.380	2.95	-1.300
38	2.96	-2.100	2.97	-2.900	2.98	2.260	2.99	7.410	3.00	6.140	3.01	-3.170	3.02	-6.000	3.03	-9.420
39	3.04	-10.600	3.05	-11.790	3.06	-12.970	3.07	-7.630	3.08	-2.300	3.09	3.020	3.10	8.350	3.11	7.080
40	3.12	5.910	3.13	2.950	3.14	1.830	3.15	0.710	3.16	-4.010	3.17	-1.890	3.18	0.220	3.19	9.240
41	3.20	18.270	3.21	19.750	3.22	19.090	3.23	11.930	3.24	7.730	3.25	3.540	3.26	-16.880	3.27	-22.880
42	3.28	-24.670	3.29	-23.490	3.30	-13.410	3.31	-9.140	3.32	-4.870	3.33	-0.600	3.34	7.020	3.35	7.920
43	3.36	3.230	3.37	1.650	3.38	-3.080	3.39	-3.120	3.40	-3.170	3.41	-3.220	3.42	-3.270	3.43	-3.340
44	3.44	2.780	3.45	9.780	3.46	15.280	3.47	17.370	3.48	13.010	3.49	4.020	3.50	-4.960	3.51	-7.170
45	3.52	-5.040	3.53	1.630	3.54	3.600	3.55	5.570	3.56	6.110	3.57	-2.250	3.58	-10.620	3.59	-15.620
46	3.60	-15.060	3.61	-10.980	3.62	-6.890	3.63	-5.600	3.64	-4.310	3.65	-3.020	3.66	-0.930	3.67	2.100
47	3.68	7.890	3.69	4.140	3.70	-7.640	3.71	-13.250	3.72	-13.310	3.73	-11.970	3.74	-10.630	3.75	-0.540
48	3.76	10.500	3.77	20.280	3.78	20.260	3.79	12.790	3.80	7.210	3.81	8.680	3.82	8.640	3.83	-0.680
49	3.84	-9.070	3.85	-13.440	3.86	-15.040	3.87	-15.710	3.88	-12.980	3.89	-11.490	3.90	-3.830	3.91	8.100
50	3.92	12.690	3.93	11.070	3.94	1.150	3.95	-13.400	3.96	-13.440	3.97	-10.710	3.98	-7.970	3.99	-6.500
51	4.00	-5.020	4.01	-3.540	4.02	-1.610	4.03	0.320	4.04	0.280	4.05	0.240	4.06	2.940	4.07	5.640
52	4.08	5.800	4.09	5.960	4.10	6.110	4.11	5.750	4.12	5.390	4.13	0.850	4.14	-0.440	4.15	-0.040
53	4.16	0.520	4.17	2.020	4.18	-1.110	4.19	-4.240	4.20	-6.950	4.21	-3.590	4.22	-2.240	4.23	-2.920
54	4.24	-8.050	4.25	-4.600	4.26	-4.140	4.27	-3.690	4.28	-3.240	4.29	-3.270	4.30	-3.310	4.31	-1.850
55	4.32	1.180	4.33	4.200	4.34	7.230	4.35	7.190	4.36	2.960	4.37	-1.260	4.38	-5.330	4.39	-3.840
56	4.40	-2.350	4.41	-0.550	4.42	1.250	4.43	3.190	4.44	5.130	4.45	5.680	4.46	4.850	4.47	4.030
57	4.48	-2.610	4.49	-9.650	4.50	-11.560	4.51	-10.070	4.52	-7.030	4.53	-4.000	4.54	-4.000	4.55	-4.340
58	4.56	-4.610	4.57	-4.870	4.58	-3.890	4.59	-2.910	4.60	-1.930	4.61	-1.980	4.62	-2.030	4.63	-2.080
59	4.64	3.060	4.65	1.170	4.66	-0.730	4.67	0.740	4.68	2.220	4.69	4.480	4.70	6.740	4.71	4.630
60	4.72	2.530	4.73	0.430	4.74	2.230	4.75	4.150	4.76	6.000	4.77	7.860	4.78	4.740	4.79	1.620
61	4.80	-1.500	4.81	-6.220	4.82	-4.740	4.83	-3.250	4.84	-1.770	4.85	-2.430	4.86	-4.350	4.87	-6.240
62	4.88	-8.140	4.89	-6.050	4.90	-1.780	4.91	2.480	4.92	4.570	4.93	1.720	4.94	-1.870	4.95	-5.470
63	4.96	-3.440	4.97	-1.410	4.98	0.620	4.99	2.650	5.00	0.120	5.01	-2.410	5.02	-4.940	5.03	-5.000
64	5.04	-2.680	5.05	1.680	5.06	6.240	5.07	9.880	5.08	8.440	5.09	7.010	5.10	5.090	5.11	3.180
65	5.12	1.260	5.13	1.210	5.14	1.160	5.15	0.800	5.16	0.440	5.17	-0.840	5.18	-2.120	5.19	-0.340
66	5.20	1.450	5.21	1.390	5.22	2.290	5.23	0.160	5.24	-1.960	5.25	-4.090	5.26	-3.430	5.27	-2.770
67	5.28	-2.110	5.29	-1.650	5.30	-1.190	5.31	-0.740	5.32	-0.990	5.33	-1.250	5.34	-1.510	5.35	-1.360
68	5.36	-1.210	5.37	-1.070	5.38	0.260	5.39	1.590	5.40	2.920	5.41	4.250	5.42	5.750	5.43	5.170
69	5.44	4.990	5.45	3.920	5.46	2.640	5.47	1.770	5.48	-0.300	5.49	-2.370	5.50	-3.440	5.51	-4.510
70	5.52	-5.590	5.53	-5.660	5.54	-5.730	5.55	-3.460	5.56	-1.190	5.57	0.280	5.58	0.240	5.59	-0.590
71	5.60	-1.420	5.61	-2.260	5.62	-3.690	5.63	-3.520	5.64	-3.950	5.65	-4.390	5.66	-4.820	5.67	-7.060
72	5.68	-6.050	5.69	-5.030	5.70	-4.320	5.71	-3.600	5.72	-2.880	5.73	-2.170	5.74	-1.450	5.75	-0.740
73	5.76	-0.690	5.77	-0.650	5.78	-0.610	5.79	-2.780	5.80	-10.270	5.81	-10.620	5.82	-10.960	5.8	

Digitized Accelerogram of Earthquake Record with Index Number E-35 (9-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	2.310	0.01	1.630	0.02	4.980	0.03	8.330	0.04	9.510	0.05	10.690	0.06	7.090	0.07	3.490
2	0.08	0.340	0.09	3.350	0.10	6.390	0.11	9.420	0.12	6.290	0.13	5.150	0.14	1.580	0.15	0.0
3	0.16	2.040	0.17	4.790	0.18	7.520	0.19	6.700	0.20	5.880	0.21	2.110	0.22	5.140	0.23	8.170
4	0.24	8.430	0.25	8.700	0.26	3.990	0.27	-0.670	0.28	-5.330	0.29	-3.220	0.30	1.800	0.31	6.420
5	0.32	5.230	0.33	3.650	0.34	2.360	0.35	1.680	0.36	6.540	0.37	9.570	0.38	9.230	0.39	8.890
6	0.40	1.740	0.41	-1.410	0.42	1.600	0.43	4.180	0.44	6.750	0.45	2.380	0.46	-1.210	0.47	-4.790
7	0.48	-7.020	0.49	-1.360	0.50	4.300	0.51	10.390	0.52	8.780	0.53	6.090	0.54	5.000	0.55	5.260
8	0.56	5.520	0.57	7.780	0.58	10.040	0.59	9.340	0.60	6.220	0.61	3.100	0.62	9.580	0.63	0.220
9	0.64	-2.140	0.65	-0.180	0.66	-0.220	0.67	-0.420	0.68	-0.610	0.69	-1.740	0.70	-2.870	0.71	-2.960
10	0.72	-1.450	0.73	0.050	0.74	-1.540	0.75	-5.300	0.76	-1.250	0.77	-2.700	0.78	-0.820	0.79	3.420
11	0.80	8.000	0.81	12.590	0.82	13.440	0.83	12.750	0.84	11.950	0.85	5.190	0.86	4.070	0.87	2.960
12	0.88	-5.930	0.89	-16.190	0.90	-16.240	0.91	-9.340	0.92	-2.450	0.93	-3.610	1.01	-2.280	1.02	1.520
13	0.96	0.590	0.97	-1.770	0.98	-3.360	0.99	-4.950	1.00	-3.610	1.01	-2.280	1.02	1.520	1.03	5.310
14	1.04	10.790	1.05	11.060	1.06	11.320	1.07	9.100	1.08	2.250	1.09	0.210	1.10	-1.620	1.11	-2.490
15	1.12	-4.100	1.13	-5.700	1.14	-0.540	1.15	2.050	1.16	4.640	1.17	7.010	1.18	3.070	1.19	0.760
16	1.20	-2.360	1.21	-8.570	1.22	-9.230	1.23	-6.510	1.24	-5.020	1.25	-5.080	1.26	1.920	1.27	3.430
17	1.28	4.940	1.29	-4.370	1.30	-8.140	1.31	-5.580	1.32	-2.970	1.33	3.120	1.34	6.140	1.35	3.480
18	1.36	0.620	1.37	-1.760	1.38	-5.390	1.39	1.240	1.40	5.050	1.41	8.070	1.42	8.180	1.43	5.040
19	1.44	4.690	1.45	3.940	1.46	3.390	1.47	-7.480	1.48	-9.080	1.49	-6.980	1.50	-7.020	1.51	-7.090
20	1.52	-7.120	1.53	-7.150	1.54	-6.590	1.55	-6.650	1.56	-7.310	1.57	-2.740	1.58	-3.440	1.59	-5.780
21	1.60	-8.120	1.61	-4.480	1.62	-0.650	1.63	6.180	1.64	12.280	1.65	17.770	1.66	20.820	1.67	18.620
22	1.68	-3.010	1.69	-14.130	1.70	-20.350	1.71	-20.400	1.72	-20.450	1.73	-14.650	1.74	-8.650	1.75	-2.130
23	1.76	4.600	1.77	4.520	1.78	3.860	1.79	3.200	1.80	0.030	1.81	-0.770	1.82	-1.580	1.83	-0.250
24	1.84	1.080	1.85	2.580	1.86	4.080	1.87	4.940	1.88	16.590	1.89	33.150	1.90	30.030	1.91	19.210
25	1.92	-9.620	1.93	-17.580	1.94	-19.610	1.95	-21.640	1.96	-24.800	1.97	-20.690	1.98	-16.580	1.99	-13.560
26	2.00	-9.600	2.01	0.180	2.02	2.180	2.03	4.130	2.04	5.590	2.05	-3.720	2.06	-9.160	2.07	-14.600
27	2.08	-10.480	2.09	-6.350	2.10	8.360	2.11	18.460	2.12	22.410	2.13	22.990	2.14	10.920	2.15	-11.010
28	2.16	-23.380	2.17	-36.980	2.18	-32.430	2.19	-25.540	2.20	-10.650	2.21	-12.680	2.22	-6.710	2.23	5.200
29	2.24	5.940	2.25	6.680	2.26	5.040	2.27	5.000	2.28	-10.650	2.29	-12.680	2.30	-6.710	2.31	0.170
30	2.32	0.600	2.33	1.030	2.34	0.980	2.35	-1.240	2.36	-2.380	2.37	3.880	2.38	5.390	2.39	-0.830
31	2.40	-7.050	2.41	-10.180	2.42	-13.310	2.43	-14.000	2.44	-9.730	2.45	-0.550	2.46	-2.470	2.47	4.480
32	2.48	4.840	2.49	4.520	2.50	-10.680	2.51	-3.950	2.52	3.090	2.53	5.210	2.54	1.460	2.55	-9.990
33	2.56	-22.360	2.57	-24.660	2.58	-25.530	2.59	-7.440	2.60	3.300	2.61	9.120	2.62	6.910	2.63	-0.840
34	2.64	-1.620	2.65	0.280	2.66	14.090	2.67	22.660	2.68	23.240	2.69	12.700	2.70	4.040	2.71	3.220
35	2.72	-2.400	2.73	-0.920	2.74	-2.430	2.75	-4.840	2.76	-5.500	2.77	-6.160	2.78	-6.260	2.79	-5.530
36	2.80	-4.610	2.81	-7.330	2.82	-14.460	2.83	-24.680	2.84	-23.200	2.85	-4.780	2.86	5.980	2.87	11.470
37	2.88	11.710	2.89	6.590	2.90	1.470	2.91	-8.440	2.92	-12.020	2.93	-8.250	2.94	-2.150	2.95	-0.050
38	2.96	-2.240	2.97	-4.440	2.98	-4.160	2.99	-3.910	3.00	-8.010	3.01	-1.080	3.02	4.250	3.03	7.550
39	3.04	4.590	3.05	1.630	3.06	-2.270	3.07	-6.170	3.08	-7.760	3.09	-6.740	3.10	-5.710	3.11	-3.640
40	3.12	-4.290	3.13	-4.950	3.14	-7.300	3.15	-9.660	3.16	-12.610	3.17	-9.470	3.18	-6.130	3.19	-0.040
41	3.20	2.240	3.21	4.520	3.22	9.080	3.23	6.840	3.24	7.420	3.25	8.000	3.26	8.230	3.27	6.190
42	3.28	4.150	3.29	3.790	3.30	3.420	3.31	2.150	3.32	0.070	3.33	2.340	3.34	1.670	3.35	-1.130
43	3.36	-3.940	3.37	-9.250	3.38	-9.630	3.39	-7.660	3.40	-5.700	3.41	-3.600	3.42	-3.640	3.43	-5.880
44	3.44	-4.690	3.45	-2.290	3.46	-2.340	3.47	-2.400	3.48	-2.440	3.49	-2.490	3.50	-2.080	3.51	-1.670
45	3.52	-2.790	3.53	-1.920	3.54	-3.660	3.55	-3.390	3.56	1.760	3.57	1.420	3.58	1.090	3.59	-5.160
46	3.60	8.290	3.61	-11.450	3.62	-9.630	3.63	-7.830	3.64	-5.570	3.65	-3.310	3.66	-1.360	3.67	0.590
47	3.68	2.050	3.69	5.110	3.70	5.510	3.71	1.910	3.72	2.170	3.73	2.430	3.74	4.830	3.75	4.470
48	3.76	4.100	3.77	2.630	3.78	1.550	3.79	-3.130	3.80	-7.340	3.81	-11.550	3.82	-10.510	3.83	-9.470
49	3.84	-2.780	3.85	-0.530	3.86	1.730	3.87	1.390	3.88	1.040	3.89	-2.070	3.90	3.090	3.91	3.040
50	3.92	2.990	3.93	0.140	3.94	-4.200	3.95	-8.550	3.96	-7.080	3.97	-3.280	3.98	0.520	3.99	2.300
51	4.00	4.090	4.01	2.970	4.02	1.860	4.03	-4.380	4.04	-5.500	4.05	-6.620	4.06	-4.370	4.07	-2.130
52	4.08	-0.020	4.09	-2.090	4.10	0.970	4.11	-0.150	4.12	-2.510	4.13	-4.870	4.14	-4.160	4.15	-3.450
53	4.16	-1.970	4.17	-0.480	4.18	1.790	4.19	4.050	4.20	4.610	4.21	2.380	4.22	1.570	4.23	0.760
54	4.24	0.410	4.25	0.050	4.26	1.370	4.27	2.700	4.28	-0.270	4.29	-3.230	4.30	-5.600	4.31	-7.950
55	4.32	-7.700	4.33	-7.440	4.34	-2.280	4.35	3.620	4.36	2.550	4.37	1.280	4.38	0.010	4.39	0.400
56	4.40	0.680	4.41	2.200	4.42	3.590	4.43	4.990	4.44	6.480	4.45	4.360	4.46	2.260	4.47	0.170
57	4.48	0.100	4.49	0.040	4.50	0.970	4.51	1.760	4.52	3.560	4.53	5.350	4.54	4.600	4.55	3.840
58	4.56	3.080	4.57	1.790	4.58	0.510	4.59	-1.720	4.60	-1.160	4.61	4.030	4.62	2.150	4.63	0.280
59	4.64	-0.100	4.65	-0.470	4.66	0.090	4.67	0.650	4.68	1.840	4.69	3.040	4.70	-1.660	4.71	-3.580
60	4.72	-5.480	4.73	-6.290	4.74	-7.100	4.75	-5.940	4.76	-3.680	4.77	-1.420	4.78	-1.310	4.79	-1.190
61	4.80	-2.810	4.81	-0.710	4.82	1.810	4.83	4.330	4.84	6.860	4.85	4.500	4.86	2.140	4.87	3.160
62	4.88	4.190	4.89	5.680	4.90	7.180	4.91	3.400	4.92	3.040	4.93	2.690	4.94	-0.900	4.95	-4.490
63	4.96	-6.720	4.97	-4.610	4.98	-2.910	4.99	-1.090	5.00	-0.290	5.01	0.410	5.02	1.190	5.03	1.970
64	5.04	2.750	5.05	3.620	5.06	3.340	5.07	3.410	5.08	3.470	5.09	4.190	5.10	4.900	5.11	5.470
65	5.12	3.240	5.13	1.950	5.14	0.680	5.15	0.930	5.16	1.200	5.17	2.680	5.18	3.870	5.19	5.070
66	5.20	4.230	5.21	3.480	5.22	2.580	5.23	1.780	5.24	3.540	5.25	5.330	5.26	4.670	5.27	4.010
67	5.28	2.930	5.29	1.860	5.30	0.780	5.31	1.040	5.32	1.290	5.33	2.760	5.34	1.180	5.35	0.410
68	5.36	-0.350	5.37	-1.100	5.38	-0.550	5.39	0.0	5.40	1.940	5.41	3.690	5.42	5.380	5.43	4.510
69	5.44	3.640	5.45	2.770	5.46	2.710	5.47	2.640	5.48	3.590	5.49	4.550	5.50	5.510	5.51	6.460
70	5.52	4.090	5.53	1.730	5.54	0.450	5.55	-0.840	5.56	-2.120	5.57	-1.970	5.58	-1.820	5.59	-1.670
71	5.60	-1.000	5.61	-0.330	5.62	0.340	5.63	0.760	5.64	1.180	5.65	4.180	5.66	6.750	5.67	9.320
72	5.68	9.380	5.69	9.450	5.70	9.510	5.71	8.630	5.72	7.750	5.73	6.870	5.74	6.610	5.75	6.360
73	5.76	6.100	5.77	6.670	5.78	7.240	5.79	2.530	5.80	-0.130	5.81	-2.790	5.82	-1.300	5.83	0.180
74	5.84	0.640	5.85	1.100	5.86	1.550	5.87	2.750	5.88	3.940	5.89	5.130	5.90	9.050		

Digitized Accelerogram of Earthquake Record with Index Number E-36 (10-1-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	4.064	0.01	10.304	0.02	12.928	0.03	7.936	0.04	-8.928	0.05	-23.072	0.06	-19.168	0.07	-14.560
2	0.08	-7.680	0.09	2.816	0.10	13.120	0.11	29.056	0.12	20.096	0.13	15.280	0.14	10.464	0.15	10.464
3	0.16	17.120	0.17	20.752	0.18	23.712	0.19	-11.552	0.20	-6.464	0.21	-13.184	0.22	-7.840	0.23	-9.600
4	0.24	-10.720	0.25	-10.056	0.26	-12.288	0.27	-6.880	0.28	5.344	0.29	11.808	0.30	5.008	0.31	11.552
5	0.32	10.376	0.33	-1.280	0.34	-7.008	0.35	-7.204	0.36	-7.320	0.37	17.152	0.38	30.432	0.39	21.376
6	0.40	10.560	0.41	0.448	0.42	-0.664	0.43	-7.252	0.44	9.248	0.45	6.256	0.46	9.760	0.47	4.256
7	0.48	1.760	0.49	-10.784	0.50	-19.776	0.51	-21.376	0.52	-19.232	0.53	-25.472	0.54	-27.068	0.55	-2.144
8	0.56	-1.104	0.57	-14.400	0.58	-15.680	0.59	-16.512	0.60	-9.632	0.61	-4.192	0.62	4.064	0.63	10.320
9	0.64	16.704	0.65	19.552	0.66	12.672	0.67	-1.728	0.68	1.168	0.69	4.064	0.70	-10.320	0.71	-10.496
10	0.72	13.568	0.73	13.952	0.74	9.904	0.75	5.056	0.76	-5.248	0.77	-16.000	0.78	-18.394	0.79	-10.496
11	0.80	-10.112	0.81	-6.672	0.82	-7.488	0.83	-6.048	0.84	1.024	0.85	5.248	0.86	11.328	0.87	15.232
12	0.88	5.760	0.89	-10.432	0.90	3.488	0.91	-1.440	0.92	-7.296	0.93	-15.360	0.94	-6.336	0.95	3.136
13	0.96	-1.408	0.97	-10.432	0.98	11.584	0.99	10.048	1.00	4.832	1.01	-0.256	1.02	-7.392	1.03	-5.408
14	1.04	-4.064	1.05	10.608	1.06	9.728	1.07	5.728	1.08	-5.656	1.09	-5.632	1.10	1.280	1.11	9.824
15	1.12	12.224	1.13	12.928	1.14	9.728	1.15	-5.656	1.16	-5.656	1.17	-5.656	1.18	-6.336	1.19	-7.280
16	1.20	-3.840	1.21	8.128	1.22	7.136	1.23	1.312	1.24	0.160	1.25	2.544	1.26	6.448	1.27	13.568
17	1.28	20.576	1.29	14.816	1.30	0.080	1.31	3.120	1.32	0.160	1.33	2.544	1.34	6.448	1.35	5.952
18	1.36	-1.760	1.37	-16.768	1.38	-9.984	1.39	-12.544	1.40	-16.544	1.41	-6.880	1.42	-2.432	1.43	12.736
19	1.44	14.560	1.45	10.976	1.46	10.144	1.47	13.344	1.48	8.288	1.49	9.888	1.50	8.352	1.51	11.040
20	1.52	4.608	1.53	-1.824	1.54	-6.304	1.55	-10.656	1.56	-11.136	1.57	-11.616	1.58	-5.472	1.59	-2.208
21	1.60	-9.704	1.61	-7.904	1.62	-4.960	1.63	-2.016	1.64	10.816	1.65	12.256	1.66	13.696	1.67	-3.104
22	1.68	0.832	1.69	4.176	1.70	4.808	1.71	4.576	1.72	2.496	1.73	0.320	1.74	-1.088	1.75	-8.480
23	1.76	-15.936	1.77	-8.096	1.78	-4.896	1.79	-3.688	1.80	-0.832	1.81	-2.848	1.82	0.064	1.83	8.224
24	1.84	4.960	1.85	1.696	1.86	6.448	1.87	0.224	1.88	-9.552	1.89	-13.408	1.90	-13.120	1.91	-5.280
25	1.92	7.296	1.93	12.672	1.94	-4.544	1.95	-10.768	1.96	-1.536	1.97	4.832	1.98	-10.976	1.99	-10.752
26	2.00	-8.752	2.01	-6.752	2.02	-13.344	2.03	6.048	2.04	-1.536	2.05	4.832	2.06	-10.976	2.07	-11.648
27	2.08	-16.128	2.09	-14.736	2.10	-22.608	2.11	19.696	2.12	16.512	2.13	14.080	2.14	-1.024	2.15	7.424
28	2.16	22.364	2.17	26.048	2.18	25.568	2.19	-9.472	2.20	-8.928	2.21	-8.928	2.22	-8.928	2.23	-8.480
29	2.24	9.296	2.25	1.168	2.26	1.536	2.27	2.080	2.28	8.800	2.29	4.864	2.30	5.024	2.31	16.032
30	2.32	-5.544	2.33	-0.672	2.34	0.704	2.35	6.768	2.36	-6.032	2.37	-14.144	2.38	-26.496	2.39	-27.712
31	2.40	10.112	2.41	4.160	2.42	7.264	2.43	7.424	2.44	13.344	2.45	8.288	2.46	3.232	2.47	-1.472
32	2.48	-17.856	2.49	-5.424	2.50	-10.144	2.51	-17.216	2.52	-19.520	2.53	-19.520	2.54	-19.520	2.55	-19.520
33	2.56	-3.600	2.57	0.384	2.58	0.704	2.59	0.352	2.60	10.176	2.61	10.176	2.62	10.176	2.63	10.176
34	2.64	15.040	2.65	12.704	2.66	10.976	2.67	10.976	2.68	10.976	2.69	10.976	2.70	10.976	2.71	10.976
35	2.72	12.064	2.73	6.752	2.74	24.320	2.75	27.456	2.76	22.400	2.77	18.032	2.78	13.654	2.79	15.296
36	2.80	16.032	2.81	-17.016	2.82	-20.192	2.83	-19.968	2.84	-13.696	2.85	-7.424	2.86	7.320	2.87	19.712
37	2.88	-15.040	2.89	24.320	2.90	27.456	2.91	22.400	2.92	18.032	2.93	13.654	2.94	15.296	2.95	15.296
38	2.96	21.536	2.97	10.560	2.98	10.240	2.99	9.920	3.00	-5.120	3.01	-14.880	3.02	-11.136	3.03	-18.336
39	3.04	15.552	3.05	8.400	3.06	25.888	3.07	27.232	3.08	19.808	3.09	19.136	3.10	18.560	3.11	19.024
40	3.12	0.800	3.13	9.568	3.14	9.568	3.15	12.512	3.16	-16.192	3.17	-15.088	3.18	-15.088	3.19	-20.864
41	3.20	8.368	3.21	11.744	3.22	9.568	3.23	-16.192	3.24	-15.088	3.25	-15.088	3.26	-15.088	3.27	-20.864
42	3.28	19.488	3.29	13.488	3.30	-5.056	3.31	-5.056	3.32	-5.056	3.33	-5.056	3.34	-5.056	3.35	-5.056
43	3.36	-14.192	3.37	-4.192	3.38	5.760	3.39	6.768	3.40	11.584	3.41	4.448	3.42	3.104	3.43	9.408
44	3.44	13.632	3.45	18.880	3.46	6.976	3.47	2.880	3.48	-9.024	3.49	-18.400	3.50	-23.936	3.51	-27.816
45	3.52	12.736	3.53	17.408	3.54	3.680	3.55	11.424	3.56	0.064	3.57	-2.720	3.58	-0.512	3.59	-6.912
46	3.60	-22.512	3.61	4.000	3.62	12.384	3.63	-16.400	3.64	-10.432	3.65	-9.472	3.66	-2.528	3.67	1.504
47	3.68	1.856	3.69	-12.064	3.70	-2.848	3.71	-5.376	3.72	-14.528	3.73	-17.152	3.74	-14.944	3.75	-8.544
48	3.76	-5.888	3.77	-3.520	3.78	1.200	3.79	-5.248	3.80	-11.552	3.81	-6.848	3.82	-4.128	3.83	-9.576
49	3.84	-1.008	3.85	7.488	3.86	4.736	3.87	-7.792	3.88	5.280	3.89	5.504	3.90	7.648	3.91	10.368
50	3.92	-5.696	3.93	2.656	3.94	10.400	3.95	2.944	3.96	7.584	3.97	2.912	3.98	2.208	3.99	-12.256
51	4.00	-9.960	4.01	2.656	4.02	18.144	4.03	6.432	4.04	0.416	4.05	0.416	4.06	0.416	4.07	0.416
52	4.08	-3.936	4.09	-24.512	4.10	10.400	4.11	5.408	4.12	6.432	4.13	2.976	4.14	10.144	4.15	6.944
53	4.16	1.696	4.17	9.440	4.18	30.496	4.19	14.816	4.20	6.016	4.21	8.224	4.22	-2.464	4.23	5.312
54	4.24	12.576	4.25	2.464	4.26	3.680	4.27	-3.232	4.28	-3.648	4.29	-4.064	4.30	-11.328	4.31	5.568
55	4.32	11.840	4.33	19.840	4.34	22.784	4.35	-10.648	4.36	-10.648	4.37	-7.840	4.38	6.528	4.39	12.832
56	4.40	-7.840	4.41	-7.040	4.42	-3.040	4.43	-1.152	4.44	-4.192	4.45	2.976	4.46	-2.464	4.47	5.312
57	4.48	28.128	4.49	35.488	4.50	30.496	4.51	14.816	4.52	6.016	4.53	8.224	4.54	-2.464	4.55	5.312
58	4.56	10.592	4.57	10.432	4.58	3.680	4.59	-3.232	4.60	-3.648	4.61	-4.064	4.62	-11.328	4.63	5.568
59	4.64	4.608	4.65	2.560	4.66	-8.304	4.67	-10.648	4.68	-10.648	4.69	-7.840	4.70	6.528	4.71	12.832
60	4.72	-25.216	4.73	27.040	4.74	18.544	4.75	10.648	4.76	-6.656	4.77	-23.456	4.78	-32.032	4.79	-30.912
61	4.80	-28.512	4.81	2.604	4.82	39.048	4.83	11.984	4.84	20.032	4.85	24.512	4.86	20.464	4.87	16.144
62	4.88	4.608	4.89	-7.200	4.90	0.448	4.91	-18.736	4.92	10.656	4.93	-15.088	4.94	-34.144	4.95	-20.704
63	4.96	-11.360	4.97	19.872	4.98	18.816	4.99	18.736	5.00	-31.488	5.01	-41.568	5.02	-16.304	5.03	-1.160
64	5.04	3.168	5.05	14.528	5.06	25.056	5.07	5.600	5.08	-3.168	5.09	-14.144	5.10	-20.480	5.11	-12.256
65	5.12	-8.696	5.13	-12.992	5.14	6.816	5.15	5.216	5.16	4.144	5.17	-14.144	5.18	-20.480	5.19	-12.256
66	5.20	-4.192	5.21	-12.576	5.22	-22.368	5.23	-16.544	5.24	4.144	5.25	-24.832	5.26	-25.472	5.27	-26.112
67	5.28	33.656	5.29	41.600	5.30	49.344	5.31	25.248	5.32	4.672	5.33	-11.600	5.34	-27.872	5.35	-48.100
68	5.36	-68.128	5.37	-54.528	5.38	-14.144	5.39	-4.704	5.40	-12.896	5.41	23.456	5.42	30.880	5.43	21.072
69	5.44	11.248	5.45	1.600	5.46	-3.776	5.47	-3.920	5.48	-2.816	5.49	-14.752	5.50	-6.944	5.51	4.424
70	5.52	-2.240	5.53	-3.200	5.54	0.288	5.55	3.176	5.56	13.840	5.57	23.904	5.58	29.600	5.59	30.944
71	5.60	14.752	5.61	13.728	5.62	5.260	5.63	-3.168	5.64	-2.784	5.65	-0.368	5.66	-15.344	5.67	-24.320
72	5.68	-34.912	5.69	-28.896	5.70	-24.288	5.71	-21.680	5.72	-19.008	5.73	-16.840	5.74	-14.840	5.75	-10.048
73	5.76	-22.432	5.77	-36.912	5.78	-13.792	5.79	8.30								

127	10.08	1.312	10.09	6.240	10.10	5.040	10.11	3.840	10.12	2.764	10.13	1.792	10.14	-12.576	10.15	-12.616
128	10.16	-13.056	10.17	-6.784	10.18	-9.344	10.19	-14.880	10.20	-5.680	10.21	8.192	10.22	12.352	10.23	12.764
129	10.24	13.216	10.25	9.664	10.26	9.704	10.27	-3.744	10.28	1.952	10.29	-2.816	10.30	1.920	10.31	6.016
130	10.32	9.024	10.33	8.448	10.34	12.928	10.35	10.608	10.36	7.040	10.37	3.392	10.38	-1.088	10.39	-4.128
131	10.40	2.464	10.41	1.888	10.42	7.808	10.43	4.736	10.44	11.552	10.45	13.376	10.46	17.024	10.47	8.224
132	10.48	-4.000	10.49	-10.336	10.50	-7.712	10.51	-10.752	10.52	-1.728	10.53	1.608	10.54	5.344	10.55	-5.504
133	10.56	-1.760	10.57	-1.152	10.58	3.456	10.59	-0.512	10.60	2.624	10.61	-0.960	10.62	5.408	10.63	13.872
134	10.64	22.336	10.65	10.816	10.66	6.496	10.67	1.184	10.68	-2.400	10.69	-3.164	10.70	9.632	10.71	8.416
135	10.72	7.200	10.73	13.280	10.74	11.584	10.75	9.888	10.76	-0.996	10.77	11.712	10.78	18.336	10.79	13.152
136	10.80	4.704	10.81	5.920	10.82	-2.944	10.83	0.224	10.84	5.392	10.85	10.272	10.86	6.240	10.87	2.368
137	10.88	2.144	10.89	1.728	10.90	-4.816	10.91	-11.360	10.92	-15.712	10.93	-9.568	10.94	-5.568	10.95	-4.608
138	10.96	-9.440	10.97	-7.296	10.98	-10.240	10.99	-9.152	11.00	-3.776	11.01	1.600	11.02	-0.768	11.03	-1.664
139	11.04	1.248	11.05	10.016	11.06	5.488	11.07	0.960	11.08	-12.768	11.09	-14.144	11.10	-3.584	11.11	-0.384
140	11.12	-1.760	11.13	3.296	11.14	3.056	11.15	2.816	11.16	4.384	11.17	11.008	11.18	13.568	11.19	0.192
141	11.20	-7.296	11.21	0.256	11.22	-1.616	11.23	-3.488	11.24	-11.640	11.25	-8.256	11.26	-13.696	11.27	-15.456
142	11.28	-14.912	11.29	-6.448	11.30	-6.048	11.31	-6.464	11.32	-8.592	11.33	-10.720	11.34	-5.664	11.35	-0.672
143	11.36	1.984	11.37	6.880	11.38	4.704	11.39	4.032	11.40	-6.080	11.41	-3.712	11.42	-11.168	11.43	-10.848
144	11.44	-18.048	11.45	-14.944	11.46	-15.840	11.47	-16.736	11.48	-10.336	11.49	-1.408	11.50	1.024	11.51	-1.760
145	11.52	-3.520	11.53	-5.280	11.54	-9.120	11.55	4.672	11.56	0.112	11.57	-1.448	11.58	-8.304	11.59	11.904
146	11.60	13.856	11.61	15.696	11.62	7.296	11.63	9.216	11.64	3.680	11.65	2.464	11.66	4.064	11.67	0.832
147	11.68	-4.160	11.69	-6.976	11.70	-5.248	11.71	-7.424	11.72	-10.272	11.73	-13.120	11.74	-8.416	11.75	-3.936
148	11.76	-8.696	11.77	-3.168	11.78	-6.752	11.79	-1.984	11.80	-4.000	11.81	-10.816	11.82	-7.994	11.83	-4.992
149	11.84	-2.848	11.85	11.744	11.86	14.496	11.87	17.248	11.88	15.648	11.89	13.440	11.90	11.232	11.91	5.920
150	11.92	3.200	11.93	3.424	11.94	5.408	11.95	7.392	11.96	0.352	11.97	-6.368	11.98	-4.308	11.99	-2.368
151	12.00	-6.944	12.01	0.764	12.02	1.936	12.03	3.168	12.04	-4.096	12.05	0.960	12.06	4.864	12.07	10.944
152	12.08	5.880	12.09	-3.040	12.10	3.136	12.11	9.600	12.12	9.216	12.13	7.392	12.14	5.568	12.15	6.160
153	12.16	6.752	12.17	13.472	12.18	9.056	12.19	11.616	12.20	-14.160	12.21	16.704	12.22	5.624	12.23	2.688
154	12.24	1.472	12.25	-3.808	12.26	-9.688	12.27	-15.264	12.28	-18.080	12.29	-17.088	12.30	-16.096	12.31	-18.112
155	12.32	-10.912	12.33	-8.288	12.34	-5.024	12.35	-2.208	12.36	0.608	12.37	-3.296	12.38	-4.352	12.39	-2.904
156	12.40	-1.451	12.41	0.9	12.42	-4.668	12.43	-5.552	12.44	-6.496	12.45	0.736	12.46	1.536	12.47	-7.328
157	12.48	2.464	12.49	-2.048	12.50	-0.560	12.51	-7.360	12.52	8.096	12.53	5.792	12.54	-3.672	12.55	-11.648
158	12.56	-13.888	12.57	-16.090	12.58	-9.376	12.59	-6.176	12.60	-2.928	12.61	0.320	12.62	4.320	12.63	-0.640
159	12.64	1.728	12.65	3.232	12.66	1.856	12.67	-1.888	12.68	5.760	12.69	2.144	12.70	0.912	12.71	-0.320
160	12.72	9.632	12.73	11.104	12.74	12.576	12.75	8.160	12.76	7.200	12.77	0.448	12.78	1.152	12.79	-0.960
161	12.80	-3.216	12.81	-5.472	12.82	-6.000	12.83	-6.528	12.84	11.648	12.85	10.272	12.86	9.952	12.87	9.632
162	12.88	14.016	12.89	6.784	12.90	9.984	12.91	5.024	12.92	6.432	12.93	5.632	12.94	4.832	12.95	1.024
163	12.96	-2.784	12.97	-8.064	12.98	-5.504	12.99	-6.720	13.00	-3.936	13.01	-4.992	13.02	4.576	13.03	7.200
164	13.04	4.672	13.05	2.144	13.06	-2.944	13.07	2.208	13.08	3.648	13.09	4.512	13.10	0.096	13.11	4.256
165	13.12	4.864	13.13	10.144	13.14	10.144	13.15	3.468	13.16	3.232	13.17	7.056	13.18	10.880	13.19	2.816
166	13.20	-0.128	13.21	-4.480	13.22	-0.064	13.23	-0.480	13.24	3.216	13.25	6.912	13.26	8.896	13.27	20.544
167	13.28	9.920	13.29	6.784	13.30	3.608	13.31	0.832	13.32	-2.176	13.33	5.600	13.34	10.336	13.35	13.920
168	13.36	10.992	13.37	6.064	13.38	3.008	13.39	6.976	13.40	9.056	13.41	7.616	13.42	10.080	13.43	6.624
169	13.44	11.968	13.45	11.200	13.46	10.432	13.47	13.408	13.48	8.672	13.49	3.936	13.50	6.640	13.51	9.344
170	13.52	7.824	13.53	6.304	13.54	6.688	13.55	3.232	13.56	-3.072	13.57	-7.968	13.58	-4.544	13.59	-5.984
171	13.60	-9.344	13.61	-11.840	13.62	-7.296	13.63	-5.632	13.64	-7.552	13.65	-10.400	13.66	-13.248	13.67	-6.224
172	13.68	0.368	13.69	6.696	13.70	5.312	13.71	2.816	13.72	0.480	13.73	5.856	13.74	5.440	13.75	5.024
173	13.76	0.064	13.77	-2.240	13.78	-5.216	13.79	-8.192	13.80	-10.528	13.81	-13.408	13.82	-14.888	13.83	-15.504
174	13.84	-16.560	13.85	-13.376	13.86	-21.376	13.87	-16.032	13.88	-15.008	13.89	-12.064	13.90	-14.144	13.91	-6.080
175	13.92	-3.568	13.93	-1.056	13.94	7.008	13.95	6.816	13.96	6.656	13.97	8.064	13.98	5.136	13.99	2.208
176	14.00	4.224	14.01	2.336	14.02	-2.912	14.03	-1.520	14.04	-0.128	14.05	-3.744	14.06	-1.600	14.07	-4.320
177	14.08	2.752	14.09	6.016	14.10	7.072	14.11	4.096	14.12	7.584	14.13	7.264	14.14	2.048	14.15	-0.736
178	14.16	-6.912	14.17	-5.568	14.18	-4.224	14.19	-6.144	14.20	-5.072	14.21	-4.000	14.22	-4.672	14.23	6.416
179	14.24	8.160	14.25	-4.768	14.26	0.0	14.27	-3.200	14.28	-1.184	14.29	-5.216	14.30	-4.576	14.31	-3.147
180	14.32	-1.717	14.33	-0.288	14.34	8.064	14.35	3.168	14.36	-0.256	14.37	3.136	14.38	3.656	14.39	4.576
181	14.40	7.680	14.41	5.984	14.42	4.288	14.43	2.656	14.44	2.040	14.45	1.440	14.46	7.456	14.47	6.208
182	14.48	2.944	14.49	-0.320	14.50	4.608	14.51	3.552	14.52	4.656	14.53	5.760	14.54	9.184	14.55	11.936
183	14.56	14.688	14.57	9.088	14.58	-0.576	14.59	-1.200	14.60	-1.984	14.61	-3.584	14.62	-1.824	14.63	-0.096
184	14.64	1.952	14.65	9.472	14.66	5.440	14.67	7.040	14.68	8.640	14.69	6.464	14.70	7.640	14.71	7.616
185	14.72	8.016	14.73	8.416	14.74	3.584	14.75	2.064	14.76	0.544	14.77	-1.856	14.78	6.848	14.79	7.072
186	14.80	0.096	14.81	6.080	14.82	9.664	14.83	11.264	14.84	10.912	14.85	1.952	14.86	-1.792	14.87	-2.640
187	14.88	-3.488	14.89	-5.504	14.90	-7.520	14.91	-3.360	14.92	-9.576	14.93	-0.944	14.94	-1.312	14.95	2.880
188	14.96	2.688	14.97	4.224	14.98	1.888	14.99	5.376								

Digitized Accelerogram of Earthquake Record with Index Number E-37 (10-1-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	10.816	0.01	4.736	0.02	-7.168	0.03	-10.432	0.04	-12.256	0.05	-11.456	0.06	26.656
2	0.08	40.032	0.09	33.632	0.10	8.032	0.11	0.832	0.12	-1.600	0.13	-0.416	0.14	4.000
3	0.16	29.632	0.17	31.712	0.18	12.864	0.19	9.664	0.20	-1.968	0.21	-13.600	0.22	-15.520
4	0.24	-8.608	0.25	12.864	0.26	5.824	0.27	-0.224	0.28	-18.688	0.29	-31.328	0.30	-23.264
5	0.32	-8.608	0.33	-8.640	0.34	11.840	0.35	14.880	0.36	6.976	0.37	14.880	0.38	10.496
6	0.40	-7.296	0.41	0.256	0.42	6.592	0.43	3.712	0.44	19.008	0.45	10.336	0.46	15.488
7	0.48	-0.736	0.49	-6.720	0.50	5.824	0.51	17.024	0.52	15.040	0.53	27.696	0.54	20.704
8	0.56	-16.912	0.57	-14.624	0.58	3.744	0.59	12.160	0.60	15.840	0.61	19.520	0.62	-10.688
9	0.64	-5.728	0.65	-0.992	0.66	13.216	0.67	19.056	0.68	24.592	0.69	17.792	0.70	11.552
10	0.72	0.464	0.73	-2.368	0.74	13.216	0.75	19.056	0.76	24.592	0.77	17.792	0.78	11.552
11	0.80	-21.632	0.81	-21.216	0.82	-20.800	0.83	-8.096	0.84	15.168	0.85	10.848	0.86	14.592
12	0.88	18.784	0.89	23.168	0.90	31.488	0.91	37.824	0.92	32.864	0.93	16.864	0.94	19.488
13	0.96	-5.088	0.97	-14.144	0.98	-14.144	0.99	-2.688	1.00	-5.088	1.01	11.424	1.02	15.840
14	1.04	7.456	1.05	2.304	1.06	-4.576	1.07	3.456	1.08	7.360	1.09	5.536	1.10	9.376
15	1.12	14.176	1.13	4.800	1.14	-4.576	1.15	3.456	1.16	22.432	1.17	20.128	1.18	12.192
16	1.20	6.240	1.21	12.288	1.22	-0.256	1.23	-0.600	1.24	-15.488	1.25	-19.200	1.26	-14.560
17	1.28	-5.600	1.29	-3.744	1.30	-4.160	1.31	-2.304	1.32	3.360	1.33	7.040	1.34	12.480
18	1.36	-4.992	1.37	-13.728	1.38	-12.832	1.39	-13.248	1.40	-14.048	1.41	-14.648	1.42	-8.508
19	1.44	5.536	1.45	8.416	1.46	11.136	1.47	6.816	1.48	2.496	1.49	-3.232	1.50	6.656
20	1.52	4.672	1.53	6.432	1.54	15.328	1.55	13.120	1.56	10.912	1.57	-0.160	1.58	-12.736
21	1.60	13.568	1.61	15.624	1.62	9.184	1.63	4.704	1.64	8.864	1.65	0.448	1.66	-0.704
22	1.68	-13.088	1.69	-16.028	1.70	-17.728	1.71	-18.528	1.72	-19.232	1.73	-7.568	1.74	19.840
23	1.76	6.400	1.77	-10.432	1.78	-6.496	1.79	-11.202	1.80	-10.528	1.81	-11.360	1.82	-5.624
24	1.84	-3.552	1.85	-10.432	1.86	-6.304	1.87	-11.202	1.88	-14.304	1.89	-11.360	1.90	-5.624
25	1.92	8.512	1.93	5.568	1.94	-6.304	1.95	-11.202	1.96	-14.304	1.97	-11.360	1.98	-5.624
26	2.00	30.688	2.01	32.064	2.02	33.440	2.03	30.400	2.04	10.800	2.05	-6.272	2.06	-12.352
27	2.08	15.680	2.09	20.160	2.10	24.640	2.11	16.896	2.12	5.312	2.13	-10.272	2.14	-11.688
28	2.16	-14.496	2.17	-15.584	2.18	-16.672	2.19	-7.360	2.20	1.952	2.21	4.928	2.22	16.336
29	2.24	-10.560	2.25	-13.120	2.26	-15.680	2.27	-14.656	2.28	-8.800	2.29	4.928	2.30	16.336
30	2.32	23.584	2.33	11.328	2.34	13.344	2.35	3.744	2.36	16.448	2.37	20.000	2.38	19.680
31	2.40	22.720	2.41	26.144	2.42	20.544	2.43	-9.888	2.44	-26.048	2.45	-21.792	2.46	-9.792
32	2.48	4.416	2.49	-8.192	2.50	-10.448	2.51	-30.472	2.52	-28.016	2.53	-25.056	2.54	-11.232
33	2.56	33.856	2.57	35.072	2.58	9.888	2.59	5.728	2.60	3.888	2.61	8.288	2.62	10.592
34	2.64	6.048	2.65	4.608	2.66	9.888	2.67	13.408	2.68	13.608	2.69	12.608	2.70	7.008
35	2.72	-2.208	2.73	-3.424	2.74	-3.168	2.75	-6.784	2.76	-11.104	2.77	-8.704	2.78	-5.888
36	2.80	-30.848	2.81	-42.112	2.82	-10.912	2.83	9.376	2.84	5.376	2.85	-0.512	2.86	-2.832
37	2.88	-4.192	2.89	0.416	2.90	26.176	2.91	31.296	2.92	30.016	2.93	33.216	2.94	-4.240
38	2.96	-52.960	2.97	-53.760	2.98	-34.720	2.99	-18.176	3.00	-1.504	3.01	-9.184	3.02	-4.800
39	3.04	-7.104	3.05	-11.840	3.06	-11.584	3.07	-0.544	3.08	-4.704	3.09	-5.888	3.10	-3.328
40	3.12	9.024	3.13	3.904	3.14	10.816	3.15	13.920	3.16	9.920	3.17	5.280	3.18	-5.312
41	3.20	13.920	3.21	20.160	3.22	6.992	3.23	0.576	3.24	-0.192	3.25	1.536	3.26	4.576
42	3.28	3.008	3.29	1.568	3.30	-8.320	3.31	-12.256	3.32	-11.200	3.33	-11.360	3.34	-14.656
43	3.36	-10.400	3.37	-11.200	3.38	-10.240	3.39	-12.256	3.40	-11.200	3.41	-19.284	3.42	-26.144
44	3.44	22.880	3.45	13.024	3.46	12.064	3.47	11.744	3.48	16.864	3.49	19.104	3.50	17.696
45	3.52	6.816	3.53	-1.312	3.54	-9.632	3.55	-14.912	3.56	-16.192	3.57	-6.912	3.58	8.976
46	3.60	10.432	3.61	7.072	3.62	2.976	3.63	-8.192	3.64	-13.440	3.65	-19.616	3.66	-17.440
47	3.68	-4.896	3.69	2.848	3.70	12.832	3.71	14.048	3.72	-7.904	3.73	-14.464	3.74	-20.640
48	3.76	-9.344	3.77	-1.184	3.78	3.520	3.79	8.400	3.80	13.280	3.81	21.120	3.82	17.344
49	3.84	-11.008	3.85	-16.848	3.86	-16.648	3.87	-13.728	3.88	-4.448	3.89	10.560	3.90	15.040
50	3.92	5.600	3.93	-21.536	3.94	-43.872	3.95	-41.152	3.96	-30.432	3.97	-15.744	3.98	-1.056
51	4.00	17.408	4.01	15.932	4.02	1.688	4.03	-15.200	4.04	-10.016	4.05	-17.216	4.06	-17.184
52	4.08	-8.656	4.09	3.168	4.10	22.048	4.11	-4.394	4.12	44.394	4.13	31.024	4.14	18.304
53	4.16	-15.808	4.17	-23.744	4.18	-61.964	4.19	-45.248	4.20	-38.624	4.21	-27.488	4.22	-13.888
54	4.24	5.376	4.25	4.800	4.26	1.600	4.27	12.352	4.28	17.056	4.29	18.272	4.30	24.352
55	4.32	1.952	4.33	-8.032	4.34	-25.536	4.35	-29.248	4.36	-32.960	4.37	-33.120	4.38	-11.200
56	4.40	-20.096	4.41	-26.080	4.42	-6.736	4.43	12.808	4.44	0.224	4.45	-4.640	4.46	-9.280
57	4.48	13.824	4.49	21.280	4.50	14.720	4.51	7.904	4.52	14.400	4.53	38.624	4.54	6.645
58	4.56	-57.512	4.57	-55.872	4.58	-30.688	4.59	-15.648	4.60	13.056	4.61	32.736	4.62	60.960
59	4.64	18.720	4.65	-17.696	4.66	-31.552	4.67	-15.616	4.68	-5.056	4.69	6.976	4.70	22.208
60	4.72	-2.432	4.73	-1.776	4.74	-48.160	4.75	-50.896	4.76	-37.696	4.77	31.104	4.78	16.288
61	4.80	30.944	4.81	20.704	4.82	26.400	4.83	-9.984	4.84	-21.120	4.85	-34.784	4.86	-36.128
62	4.88	0.080	4.89	30.144	4.90	26.400	4.91	-22.880	4.92	-23.552	4.93	-48.512	4.94	-48.512
63	4.96	-51.008	4.97	-32.768	4.98	-27.872	4.99	-25.312	5.00	-0.992	5.01	5.056	5.02	7.072
64	5.04	44.832	5.05	49.688	5.06	29.312	5.07	24.608	5.08	24.128	5.09	23.648	5.10	5.744
65	5.12	-16.000	5.13	-13.184	5.14	-0.640	5.15	-1.664	5.16	-11.104	5.17	-30.464	5.18	-48.800
66	5.20	-15.648	5.21	-6.624	5.22	-33.888	5.23	-44.064	5.24	-49.568	5.25	-36.224	5.26	-7.904
67	5.28	14.560	5.29	41.600	5.30	44.480	5.31	43.680	5.32	34.816	5.33	27.936	5.34	11.392
68	5.36	0.736	5.37	16.192	5.38	14.816	5.39	-19.232	5.40	-32.832	5.41	-15.456	5.42	-4.896
69	5.44	-5.120	5.45	20.512	5.46	30.528	5.47	27.072	5.48	11.008	5.49	-4.960	5.50	4.208
70	5.52	-5.120	5.53	-20.960	5.54	-12.544	5.55	-3.808	5.56	1.776	5.57	7.360	5.58	34.400
71	5.60	1.920	5.61	-24.448	5.62	-29.888	5.63	-30.112	5.64	-14.208	5.65	-5.632	5.66	6.720
72	5.68	-4.128	5.69	1.632	5.70	11.616	5.71	13.672	5.72	0.896	5.73	7.264	5.74	-7.264
73	5.76	-7.616	5.77	-4.000	5.78	18.368	5.79	16.448	5.80	3.648	5.81	-9.500	5.82	-20.896
74	5.84	-2.080	5.85	11.904	5.86	21.408	5.87	27.584	5.88	25.984	5.89	19.904	5.90	-16.768
75	5.92	-53.824	5.93	-55.344	5.94	-56.864	5.95	-44.224	5.96	-25.088	5.97	-13.472	5.98	-9.408
76	6.00	17.440	6.01	8.000	6.02	-7.808	6.03	-8.352	6.04	4.960	6.05	18.272	6.06	21.632
77	6.08	12.672	6.09	-9.680	6.10	-32.032	6.11	-30.240	6.12	-26.656	6.13	-21.376	6.14	-23.296
78	6.16	-8.880	6.17	-9.696	6.18	9.728	6.19	14.624	6.20	11.008	6.21	7.104	6.22	-2.464
79	6.24	9.056	6.25	11.008	6.26	-3.584	6.27	2.624	6.28	5.312	6.29	8.000	6.30	-5.344
80	6.32	10.720	6.33	18.176	6.34	0.896	6.35	-7.552	6.36	-6.272	6.37	8.240	6.38	-6.368
81	6.40	-27.712	6.41	-21.312	6.42	-11.136	6.43	3.712	6.44	7.552	6.45	-0.672	6.46	7.392
82	6.48	-7.344	6.49	-21.120	6.50	-19.616	6.51	-13.760	6.52	3.072</				

127	10.08	-23.584	10.09	-21.824	10.10	-17.392	10.11	-12.960	10.12	-7.520	10.13	-11.680	10.14	-5.024	10.15	10.624
128	10.16	5.864	10.17	-0.768	10.18	-13.024	10.19	-13.864	10.20	-3.072	10.21	7.520	10.22	11.040	10.23	1.760
129	10.24	2.560	10.25	-1.376	10.26	7.776	10.27	9.600	10.28	2.272	10.29	-5.056	10.30	-8.816	10.31	-12.576
130	10.32	-15.616	10.33	-1.472	10.34	-2.656	10.35	-3.840	10.36	-3.456	10.37	12.032	10.38	10.592	10.39	16.032
131	10.40	7.328	10.41	-10.496	10.42	-5.760	10.43	-7.520	10.44	-7.744	10.45	-0.720	10.46	-5.520	10.47	-4.320
132	10.48	2.608	10.49	-3.008	10.50	-2.416	10.51	-1.824	10.52	-2.624	10.53	-0.960	10.54	0.704	10.55	5.600
133	10.56	6.208	10.57	6.016	10.58	3.040	10.59	0.896	10.60	6.400	10.61	6.480	10.62	6.560	10.63	1.056
134	10.64	-5.952	10.65	-9.472	10.66	-0.256	10.67	-3.712	10.68	6.656	10.69	6.896	10.70	11.936	10.71	6.592
135	10.72	-1.280	10.73	-1.808	10.74	-2.336	10.75	-4.960	10.76	-9.056	10.77	-6.240	10.78	-2.680	10.79	-2.800
136	10.80	-3.600	10.81	-6.624	10.82	-3.264	10.83	1.984	10.84	1.824	10.85	5.664	10.86	6.144	10.87	2.144
137	10.88	-2.480	10.89	-4.688	10.90	1.344	10.91	-3.488	10.92	0.640	10.93	-1.472	10.94	-13.472	10.95	-14.688
138	10.96	-16.672	10.97	-19.968	10.98	-11.072	10.99	-2.176	11.00	2.016	11.01	5.152	11.02	5.152	11.03	3.552
139	11.04	12.576	11.05	12.672	11.06	7.872	11.07	-2.496	11.08	1.536	11.09	3.680	11.10	0.960	11.11	-2.656
140	11.12	9.120	11.13	-5.344	11.14	-0.864	11.15	-12.384	11.16	-5.184	11.17	6.864	11.18	14.144	11.19	8.544
141	11.20	5.504	11.21	3.744	11.22	1.824	11.23	0.960	11.24	3.360	11.25	2.144	11.26	0.640	11.27	3.200
142	11.28	-2.432	11.29	-5.632	11.30	-0.208	11.31	-6.752	11.32	-8.208	11.33	-5.152	11.34	1.120	11.35	7.392
143	11.36	6.464	11.37	9.536	11.38	4.352	11.39	6.432	11.40	5.520	11.41	4.608	11.42	-0.320	11.43	0.832
144	11.44	8.768	11.45	11.072	11.46	-1.760	11.47	-7.680	11.48	-4.864	11.49	3.424	11.50	-5.344	11.51	-6.144
145	11.52	-3.104	11.53	0.0	11.54	-1.184	11.55	-4.928	11.56	-10.464	11.57	-12.768	11.58	-12.128	11.59	-8.768
146	11.60	-8.928	11.61	-7.088	11.62	-5.248	11.63	-1.200	11.64	12.320	11.65	7.120	11.66	1.920	11.67	-7.488
147	11.68	-6.672	11.69	-5.056	11.70	1.216	11.71	5.056	11.72	8.096	11.73	7.072	11.74	6.592	11.75	5.312
148	11.76	0.768	11.77	2.112	11.78	0.512	11.79	6.112	11.80	13.152	11.81	15.488	11.82	-1.920	11.83	0.864
149	11.84	1.824	11.85	-1.120	11.86	-7.744	11.87	-11.360	11.88	-13.024	11.89	-6.384	11.90	-8.128	11.91	-3.968
150	11.92	1.624	11.93	2.720	11.94	-1.248	11.95	-5.664	11.96	-12.608	11.97	-15.672	11.98	-13.248	11.99	4.576
151	12.00	10.616	12.01	10.080	12.02	0.160	12.03	-1.632	12.04	2.912	12.05	2.944	12.06	2.976	12.07	1.952
152	12.08	6.176	12.09	12.512	12.10	13.056	12.11	7.712	12.12	5.152	12.13	2.592	12.14	1.408	12.15	1.328
153	12.16	1.248	12.17	8.832	12.18	-0.576	12.19	-1.280	12.20	-6.400	12.21	-8.064	12.22	-7.560	12.23	-7.064
154	12.24	-6.560	12.25	-6.832	12.26	-7.104	12.27	-1.200	12.28	9.504	12.29	5.344	12.30	2.240	12.31	3.040
155	12.32	1.200	12.33	-5.152	12.34	-6.672	12.35	-6.272	12.36	7.776	12.37	7.520	12.38	10.128	12.39	12.736
156	12.40	16.992	12.41	13.104	12.42	9.216	12.43	-6.656	12.44	-7.232	12.45	-16.832	12.46	-9.920	12.47	-4.096
157	12.48	-4.256	12.49	-1.376	12.50	-1.248	12.51	-1.120	12.52	-5.120	12.53	-7.640	12.54	-9.824	12.55	-2.464
158	12.56	2.784	12.57	3.648	12.58	5.776	12.59	7.904	12.60	3.104	12.61	-5.328	12.62	-5.344	12.63	-3.744
159	12.64	4.864	12.65	3.104	12.66	3.680	12.67	10.400	12.68	11.776	12.69	10.688	12.70	9.600	12.71	-4.288
160	12.72	-3.648	12.73	-3.008	12.74	-3.552	12.75	-3.232	12.76	0.672	12.77	-2.476	12.78	-7.136	12.79	-7.232
161	12.80	-1.360	12.81	4.512	12.82	-4.480	12.83	-12.416	12.84	-9.696	12.85	-5.536	12.86	2.432	12.87	7.648
162	12.88	6.048	12.89	-8.160	12.90	-2.944	12.91	0.720	12.92	4.384	12.93	-3.680	12.94	-7.104	12.95	-8.160
163	12.96	-4.384	12.97	2.080	12.98	5.184	12.99	3.424	13.00	3.744	13.01	7.360	13.02	15.104	13.03	16.160
164	13.04	-0.512	13.05	-7.328	13.06	-10.528	13.07	-9.152	13.08	-10.112	13.09	-7.552	13.10	-1.632	13.11	3.200
165	13.12	8.032	13.13	3.072	13.14	-4.032	13.15	-6.752	13.16	-9.472	13.17	-10.112	13.18	-4.352	13.19	-2.496
166	13.20	2.752	13.21	6.432	13.22	4.832	13.23	4.672	13.24	3.680	13.25	2.688	13.26	0.054	13.27	-2.580
167	13.28	-13.120	13.29	-10.560	13.30	2.144	13.31	9.688	13.32	8.928	13.33	5.344	13.34	4.288	13.35	5.984
168	13.36	2.208	13.37	-1.568	13.38	1.344	13.39	7.072	13.40	12.800	13.41	14.880	13.42	6.384	13.43	-2.112
169	13.44	-2.432	13.45	-0.736	13.46	0.960	13.47	11.936	13.48	10.448	13.49	8.960	13.50	4.416	13.51	3.072
170	13.52	5.696	13.53	5.792	13.54	3.824	13.55	1.856	13.56	1.536	13.57	-0.736	13.58	4.768	13.59	5.088
171	13.60	10.368	13.61	13.248	13.62	11.232	13.63	7.648	13.64	9.568	13.65	8.992	13.66	7.808	13.67	7.808
172	13.68	-4.704	13.69	-4.160	13.70	2.208	13.71	11.968	13.72	7.008	13.73	9.184	13.74	3.200	13.75	0.544
173	13.76	-2.480	13.77	-5.504	13.78	1.624	13.79	4.464	13.80	7.104	13.81	14.560	13.82	13.760	13.83	12.960
174	13.84	15.936	13.85	16.736	13.86	11.936	13.87	13.280	13.88	7.680	13.89	0.960	13.90	-3.456	13.91	-1.312
175	13.92	6.896	13.93	-4.416	13.94	-8.576	13.95	-5.424	13.96	-2.272	13.97	-2.816	13.98	3.232	13.99	0.692
176	14.00	6.592	14.01	6.000	14.02	5.408	14.03	5.920	14.04	6.432	14.05	-0.936	14.06	-7.104	14.07	-13.760
177	14.08	-10.624	14.09	-9.312	14.10	-8.000	14.11	0.960	14.12	9.920	14.13	5.760	14.14	7.104	14.15	6.720
178	14.16	12.320	14.17	12.544	14.18	11.904	14.19	22.880	14.20	24.160	14.21	21.760	14.22	25.760	14.23	14.960
179	14.24	4.160	14.25	-2.368	14.26	5.472	14.27	7.504	14.28	9.536	14.29	8.576	14.30	8.096	14.31	6.752
180	14.32	5.152	14.33	3.328	14.34	0.096	14.35	-3.136	14.36	5.088	14.37	1.472	14.38	-10.656	14.39	-13.120
181	14.40	-5.824	14.41	-1.328	14.42	3.168	14.43	6.048	14.44	11.744	14.45	5.824	14.46	1.504	14.47	-0.640
182	14.48	-2.768	14.49	-1.088	14.50	11.744	14.51	13.184	14.52	12.960	14.53	13.344	14.54	8.256	14.55	6.880
183	14.56	4.576	14.57	-1.088	14.58	-4.128	14.59	-8.192	14.60	0.800	14.61	9.792	14.62	15.456	14.63	10.112
184	14.64	-0.256	14.65	3.936	14.66	3.936	14.67	1.376	14.68	1.952	14.69	5.312	14.70	8.128	14.71	11.392
185	14.72	16.528	14.73	10.688	14.74	15.072	14.75	10.112	14.76	9.808	14.77	9.664	14.78	6.848	14.79	5.248
186	14.80	6.048	14.81	7.648	14.82	10.464	14.83	12.064	14.84	5.664	14.85	4.704	14.86	8.864	14.87	12.992
187	14.88	17.120	14.89	13.760	14.90	10.016	14.91	11.520	14.92	17.536	14.93	15.376	14.94	13.216	14.95	5.536
188	14.96	-2.016	14.97	2.752	14.98	3.296	14.99	6.176	15.00	9.056						

Digitized Accelerogram of Earthquake Record with Index Number E-38 (10-1-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	21.856	0.01	14.016	0.02	10.496	0.03	10.496	0.04	8.064	0.05	7.520	0.06	11.808	0.07	27.072
2	0.08	23.632	0.09	19.392	0.10	10.496	0.11	10.496	0.12	14.272	0.13	13.008	0.14	5.024	0.15	9.504
3	0.16	7.808	0.17	-0.576	0.18	-0.576	0.19	-0.576	0.20	-11.936	0.21	-8.072	0.22	-5.792	0.23	4.224
4	0.24	-5.920	0.25	-10.624	0.26	-8.016	0.27	-11.936	0.28	-11.936	0.29	-11.936	0.30	-11.936	0.31	13.024
5	0.32	10.664	0.33	15.808	0.34	17.248	0.35	6.432	0.36	-0.480	0.37	-0.480	0.38	-0.480	0.39	6.160
6	0.40	9.920	0.41	3.104	0.42	-1.344	0.43	-1.024	0.44	-0.480	0.45	-0.480	0.46	-0.480	0.47	5.440
7	0.48	12.480	0.49	15.744	0.50	-4.224	0.51	-7.744	0.52	-2.560	0.53	-2.560	0.54	-2.560	0.55	-4.512
8	0.56	-11.488	0.57	-4.608	0.58	4.704	0.59	0.224	0.60	11.744	0.61	13.344	0.62	1.088	0.63	-3.392
9	0.64	-1.952	0.65	10.880	0.66	16.000	0.67	13.184	0.68	7.408	0.69	14.080	0.70	-17.056	0.71	-24.376
10	0.72	-23.944	0.73	-27.392	0.74	-28.672	0.75	-14.056	0.76	-10.368	0.77	12.232	0.78	19.744	0.79	5.632
11	0.80	-1.760	0.81	-4.000	0.82	-4.752	0.83	4.960	0.84	12.000	0.85	10.144	0.86	7.024	0.87	3.904
12	0.88	-13.984	0.89	-11.712	0.90	7.456	0.91	-17.760	0.92	-14.336	0.93	-10.784	0.94	-10.784	0.95	21.568
13	0.96	-17.184	0.97	-13.440	0.98	-17.760	0.99	-22.080	1.00	-11.456	1.01	-12.448	1.02	-15.264	1.03	-10.928
14	1.04	13.504	1.05	13.088	1.06	10.048	1.07	1.744	1.08	-0.560	1.09	-2.048	1.10	0.816	1.11	10.880
15	1.12	3.640	1.13	-5.088	1.14	-11.680	1.15	-8.000	1.16	10.752	1.17	7.392	1.18	10.592	1.19	-2.688
16	1.20	-7.648	1.21	-11.744	1.22	-11.168	1.23	-11.168	1.24	-2.704	1.25	-3.776	1.26	-0.416	1.27	3.792
17	1.28	6.000	1.29	7.296	1.30	7.264	1.31	-11.760	1.32	-10.784	1.33	-4.160	1.34	-4.160	1.35	15.712
18	1.36	-1.352	1.37	-10.592	1.38	-10.592	1.39	-10.592	1.40	-10.592	1.41	-10.592	1.42	-10.592	1.43	-5.376
19	1.44	-7.616	1.45	-1.472	1.46	-5.472	1.47	-5.472	1.48	-5.472	1.49	-5.472	1.50	-7.040	1.51	-11.360
20	1.52	-4.688	1.53	-6.816	1.54	-3.232	1.55	9.312	1.56	-11.520	1.57	-10.272	1.58	-8.592	1.59	0.896
21	1.60	-2.784	1.61	3.808	1.62	3.808	1.63	3.808	1.64	3.808	1.65	3.808	1.66	3.808	1.67	2.560
22	1.68	0.064	1.69	0.288	1.70	0.160	1.71	5.104	1.72	6.624	1.73	17.728	1.74	5.728	1.75	-2.976
23	1.76	-3.808	1.77	-5.184	1.78	-2.624	1.79	19.744	1.80	13.172	1.81	-25.504	1.82	-27.104	1.83	-2.336
24	1.84	-5.952	1.85	-5.440	1.86	-1.760	1.87	-11.272	1.88	-10.448	1.89	-4.160	1.90	-4.160	1.91	17.152
25	1.92	-0.352	1.93	-1.760	1.94	-1.760	1.95	-1.760	1.96	-1.760	1.97	-1.760	1.98	-1.760	1.99	1.504
26	2.00	-1.760	2.01	-1.760	2.02	-1.760	2.03	-1.760	2.04	-1.760	2.05	-1.760	2.06	-1.760	2.07	2.624
27	2.08	-1.760	2.09	-1.760	2.10	-1.760	2.11	-1.760	2.12	-1.760	2.13	-1.760	2.14	-1.760	2.15	-13.088
28	2.16	-1.760	2.17	-1.760	2.18	-1.760	2.19	-1.760	2.20	-1.760	2.21	-1.760	2.22	-1.760	2.23	-13.088
29	2.24	-1.760	2.25	-1.760	2.26	-1.760	2.27	-1.760	2.28	-1.760	2.29	-1.760	2.30	-1.760	2.31	-13.088
30	2.32	-1.760	2.33	-1.760	2.34	-1.760	2.35	-1.760	2.36	-1.760	2.37	-1.760	2.38	-1.760	2.39	-13.088
31	2.40	-1.760	2.41	-1.760	2.42	-1.760	2.43	-1.760	2.44	-1.760	2.45	-1.760	2.46	-1.760	2.47	-13.088
32	2.48	-1.760	2.49	-1.760	2.50	-1.760	2.51	-1.760	2.52	-1.760	2.53	-1.760	2.54	-1.760	2.55	-13.088
33	2.56	-1.760	2.57	-1.760	2.58	-1.760	2.59	-1.760	2.60	-1.760	2.61	-1.760	2.62	-1.760	2.63	-13.088
34	2.64	-1.760	2.65	-1.760	2.66	-1.760	2.67	-1.760	2.68	-1.760	2.69	-1.760	2.70	-1.760	2.71	-13.088
35	2.72	-1.760	2.73	-1.760	2.74	-1.760	2.75	-1.760	2.76	-1.760	2.77	-1.760	2.78	-1.760	2.79	-13.088
36	2.80	-1.760	2.81	-1.760	2.82	-1.760	2.83	-1.760	2.84	-1.760	2.85	-1.760	2.86	-1.760	2.87	-13.088
37	2.88	-1.760	2.89	-1.760	2.90	-1.760	2.91	-1.760	2.92	-1.760	2.93	-1.760	2.94	-1.760	2.95	-13.088
38	2.96	-1.760	2.97	-1.760	2.98	-1.760	2.99	-1.760	3.00	-1.760	3.01	-1.760	3.02	-1.760	3.03	-13.088
39	3.04	-1.760	3.05	-1.760	3.06	-1.760	3.07	-1.760	3.08	-1.760	3.09	-1.760	3.10	-1.760	3.11	-13.088
40	3.12	-1.760	3.13	-1.760	3.14	-1.760	3.15	-1.760	3.16	-1.760	3.17	-1.760	3.18	-1.760	3.19	-13.088
41	3.20	-1.760	3.21	-1.760	3.22	-1.760	3.23	-1.760	3.24	-1.760	3.25	-1.760	3.26	-1.760	3.27	-13.088
42	3.28	-1.760	3.29	-1.760	3.30	-1.760	3.31	-1.760	3.32	-1.760	3.33	-1.760	3.34	-1.760	3.35	-13.088
43	3.36	-1.760	3.37	-1.760	3.38	-1.760	3.39	-1.760	3.40	-1.760	3.41	-1.760	3.42	-1.760	3.43	-13.088
44	3.44	-1.760	3.45	-1.760	3.46	-1.760	3.47	-1.760	3.48	-1.760	3.49	-1.760	3.50	-1.760	3.51	-13.088
45	3.52	-1.760	3.53	-1.760	3.54	-1.760	3.55	-1.760	3.56	-1.760	3.57	-1.760	3.58	-1.760	3.59	-13.088
46	3.60	-1.760	3.61	-1.760	3.62	-1.760	3.63	-1.760	3.64	-1.760	3.65	-1.760	3.66	-1.760	3.67	-13.088
47	3.68	-1.760	3.69	-1.760	3.70	-1.760	3.71	-1.760	3.72	-1.760	3.73	-1.760	3.74	-1.760	3.75	-13.088
48	3.76	-1.760	3.77	-1.760	3.78	-1.760	3.79	-1.760	3.80	-1.760	3.81	-1.760	3.82	-1.760	3.83	-13.088
49	3.84	-1.760	3.85	-1.760	3.86	-1.760	3.87	-1.760	3.88	-1.760	3.89	-1.760	3.90	-1.760	3.91	-13.088
50	3.92	-1.760	3.93	-1.760	3.94	-1.760	3.95	-1.760	3.96	-1.760	3.97	-1.760	3.98	-1.760	3.99	-13.088
51	4.00	-1.760	4.01	-1.760	4.02	-1.760	4.03	-1.760	4.04	-1.760	4.05	-1.760	4.06	-1.760	4.07	-13.088
52	4.08	-1.760	4.09	-1.760	4.10	-1.760	4.11	-1.760	4.12	-1.760	4.13	-1.760	4.14	-1.760	4.15	-13.088
53	4.16	-1.760	4.17	-1.760	4.18	-1.760	4.19	-1.760	4.20	-1.760	4.21	-1.760	4.22	-1.760	4.23	-13.088
54	4.24	-1.760	4.25	-1.760	4.26	-1.760	4.27	-1.760	4.28	-1.760	4.29	-1.760	4.30	-1.760	4.31	-13.088
55	4.32	-1.760	4.33	-1.760	4.34	-1.760	4.35	-1.760	4.36	-1.760	4.37	-1.760	4.38	-1.760	4.39	-13.088
56	4.40	-1.760	4.41	-1.760	4.42	-1.760	4.43	-1.760	4.44	-1.760	4.45	-1.760	4.46	-1.760	4.47	-13.088
57	4.48	-1.760	4.49	-1.760	4.50	-1.760	4.51	-1.760	4.52	-1.760	4.53	-1.760	4.54	-1.760	4.55	-13.088
58	4.56	-1.760	4.57	-1.760	4.58	-1.760	4.59	-1.760	4.60	-1.760	4.61	-1.760	4.62	-1.760	4.63	-13.088
59	4.64	-1.760	4.65	-1.760	4.66	-1.760	4.67	-1.760	4.68	-1.760	4.69	-1.760	4.70	-1.760	4.71	-13.088
60	4.72	-1.760	4.73	-1.760	4.74	-1.760	4.75	-1.760	4.76	-1.760	4.77	-1.760	4.78	-1.760	4.79	-13.088
61	4.80	-1.760	4.81	-1.760	4.82	-1.760	4.83	-1.760	4.84	-1.760	4.85	-1.760	4.86	-1.760	4.87	-13.088
62	4.88	-1.760	4.89	-1.760	4.90	-1.760	4.91	-1.760	4.92	-1.760	4.93	-1.760	4.94	-1.760	4.95	-13.088
63	4.96	-1.760	4.97	-1.760	4.98	-1.760	4.99	-1.760	5.00	-1.760	5.01	-1.760	5.02	-1.760	5.03	-13.088
64	5.04	-1.760	5.05	-1.760	5.06	-1.760	5.07	-1.760	5.08	-1.760	5.09	-1.760	5.10	-1.760	5.11	-13.088
65	5.12	-1.760	5.13	-1.760	5.14	-1.760	5.15	-1.760	5.16	-1.760	5.17	-1.760	5.18	-1.760	5.19	-13.088
66	5.20	-1.760	5.21	-1.760	5.22	-1.760	5.23	-1.760	5.24	-1.760	5.25	-1.760	5.26	-1.760	5.27	-13.088
67	5.28	-1.760	5.29	-1.760	5.30	-1.760	5.31	-1.760	5.32	-1.760	5.33	-1.760	5.34	-1.760	5.35	-13.088
68	5.36	-1.760	5.37	-1.760	5.38	-1.760	5.39	-1.760	5.40	-1.760	5.41	-1.760	5.42	-1.760	5.43	-13.088
69	5.44	-1.760	5.45	-1.760	5.46	-1.760	5.47	-1.760	5.48	-1.760	5.49	-1.760	5.50	-1.760	5.51	-13.088
70	5.52	-1.760	5.53	-1.760	5.54	-1.760	5.55	-1.760	5.56	-1.760	5.57	-1.760	5.58	-1.760	5.59	-13.088
71	5.60	-1.760	5.61	-1.760	5.62	-1.760	5.63	-1.760	5.64	-1.760	5.65	-1.760	5.66	-1.760	5.67	-13.088
72	5.68	-1.760	5.69	-1.760	5.70	-1.760	5.71	-1.760	5.72	-1.760	5.73	-1.760	5.74	-1.760	5.75	-13.088
73	5.76	-1.760	5.77	-1.760	5.78	-1.760	5.79	-1.760	5.80	-1.760	5.81	-1.760	5.82	-1.760	5.83	-13.088
74	5.84	-1.760	5.85	-1.760	5.86	-1.760	5.8									

127	10.08	-5.120	10.09	-5.536	10.10	-2.592	10.11	-3.792	10.12	-4.992	10.13	-7.424	10.14	-15.744	10.15	-10.832
128	10.16	-5.920	10.17	-7.072	10.18	-2.912	10.19	-4.080	10.20	-4.672	10.21	-6.704	10.22	-13.104	10.23	-9.208
129	10.24	-2.688	10.25	-4.736	10.26	-2.864	10.27	-4.992	10.28	-4.768	10.29	-8.512	10.30	-13.024	10.31	-11.640
130	10.32	-10.080	10.33	-1.984	10.34	-5.440	10.35	-0.832	10.36	-4.992	10.37	-5.712	10.38	-6.432	10.39	-1.344
131	10.40	-4.704	10.41	-8.064	10.42	-1.824	10.43	-3.816	10.44	-2.016	10.45	-2.912	10.46	-4.944	10.47	-6.976
132	10.48	-4.384	10.49	-3.424	10.50	-4.000	10.51	-3.792	10.52	-2.784	10.53	-3.456	10.54	-5.696	10.55	-0.592
133	10.56	-2.688	10.57	-3.744	10.58	-4.000	10.59	-3.792	10.60	-2.784	10.61	-3.456	10.62	-5.696	10.63	-4.256
134	10.64	-2.752	10.65	-10.912	10.66	-7.168	10.67	-2.560	10.68	-5.584	10.69	-7.776	10.70	-5.536	10.71	-6.416
135	10.72	-7.296	10.73	-7.552	10.74	-5.088	10.75	-2.624	10.76	-1.552	10.77	-5.728	10.78	-7.920	10.79	-10.112
136	10.80	-6.112	10.81	-2.336	10.82	-5.248	10.83	-4.864	10.84	-3.648	10.85	-4.480	10.86	-4.928	10.87	-7.504
137	10.88	-10.096	10.89	-1.888	10.90	-12.672	10.91	-12.736	10.92	-10.208	10.93	-7.680	10.94	-1.568	10.95	-4.544
138	10.96	-1.328	10.97	-1.888	10.98	-4.416	10.99	-3.456	11.00	-0.256	11.01	-1.776	11.02	-3.792	11.03	-5.824
139	11.04	-10.720	11.05	-1.696	11.06	-4.352	11.07	-4.272	11.08	-4.192	11.09	-7.680	11.10	-3.680	11.11	-3.652
140	11.12	-11.584	11.13	-7.424	11.14	-4.096	11.15	-7.136	11.16	-10.176	11.17	-8.288	11.18	-6.336	11.19	-4.384
141	11.20	-6.704	11.21	-3.712	11.22	-0.640	11.23	-0.560	11.24	-13.440	11.25	-7.488	11.26	-11.536	11.27	-4.000
142	11.28	-7.072	11.29	-10.144	11.30	-8.784	11.31	-7.424	11.32	-10.112	11.33	-10.112	11.34	-10.112	11.35	-4.032
143	11.36	-2.048	11.37	-0.864	11.38	-2.464	11.39	-0.640	11.40	-0.704	11.41	-2.048	11.42	-0.096	11.43	-4.896
144	11.44	-2.272	11.45	-5.408	11.46	-4.928	11.47	-4.448	11.48	-4.224	11.49	-4.896	11.50	-4.432	11.51	-3.974
145	11.52	-3.514	11.53	-3.032	11.54	-2.592	11.55	-1.024	11.56	-2.144	11.57	-0.768	11.58	-0.000	11.59	-0.832
146	11.60	-2.336	11.61	-7.328	11.62	-4.656	11.63	-1.984	11.64	-4.704	11.65	-2.144	11.66	-0.0	11.67	-2.720
147	11.68	-1.248	11.69	-1.856	11.70	-2.208	11.71	-2.560	11.72	-7.040	11.73	-5.664	11.74	-6.544	11.75	-7.424
148	11.76	-0.128	11.77	-3.188	11.78	-3.040	11.79	-2.912	11.80	-3.136	11.81	-0.688	11.82	-3.008	11.83	-3.680
149	11.84	-5.984	11.85	-5.152	11.86	-2.880	11.87	-2.528	11.88	-1.472	11.89	-2.288	11.90	-6.048	11.91	-4.736
150	11.92	-3.424	11.93	-5.984	11.94	-0.768	11.95	-4.448	11.96	-6.432	11.97	-0.256	11.98	-1.052	11.99	-2.144
151	12.00	-6.240	12.01	-11.488	12.02	-2.896	12.03	-5.696	12.04	-4.224	12.05	-2.752	12.06	-0.512	12.07	-0.672
152	12.08	-3.264	12.09	-1.280	12.10	-1.328	12.11	-3.936	12.12	-1.472	12.13	-0.992	12.14	-2.816	12.15	-2.528
153	12.16	-2.240	12.17	-4.864	12.18	-0.288	12.19	-4.544	12.20	-3.904	12.21	-3.600	12.22	-3.296	12.23	-1.312
154	12.24	-2.336	12.25	-0.448	12.26	-1.120	12.27	-3.264	12.28	-0.208	12.29	-2.848	12.30	-11.992	12.31	-13.264
155	12.32	-15.136	12.33	-3.776	12.34	-1.696	12.35	-7.168	12.36	-2.640	12.37	-0.960	12.38	-0.304	12.39	-1.568
156	12.40	-0.832	12.41	-7.232	12.42	-6.416	12.43	-5.600	12.44	-13.504	12.45	-17.600	12.46	-15.584	12.47	-6.432
157	12.48	-9.552	12.49	-12.672	12.50	-4.896	12.51	-5.408	12.52	-5.920	12.53	-5.344	12.54	-6.016	12.55	-6.888
158	12.56	-10.160	12.57	-13.632	12.58	-12.192	12.59	-7.392	12.60	-5.376	12.61	-6.000	12.62	-6.624	12.63	-1.120
159	12.64	-5.344	12.65	-4.640	12.66	-1.312	12.67	-0.048	12.68	-1.408	12.69	-0.544	12.70	-0.320	12.71	-3.424
160	12.72	-2.576	12.73	-1.712	12.74	-0.864	12.75	-2.432	12.76	-4.096	12.77	-2.736	12.78	-1.376	12.79	-4.928
161	12.80	-4.128	12.81	-1.472	12.82	-1.184	12.83	-0.688	12.84	-0.192	12.85	-4.736	12.86	-2.672	12.87	-0.608
162	12.88	-2.720	12.89	-2.752	12.90	-2.784	12.91	-0.864	12.92	-1.056	12.93	-0.352	12.94	-0.352	12.95	-0.816
163	12.96	-1.280	12.97	-1.472	12.98	-1.200	12.99	-0.928	13.00	-0.608	13.01	-5.696	13.02	-2.376	13.03	-0.936
164	13.04	-4.256	13.05	-1.248	13.06	-1.728	13.07	-2.208	13.08	-4.064	13.09	-2.384	13.10	-0.704	13.11	-0.160
165	13.12	-0.832	13.13	-5.152	13.14	-9.472	13.15	-5.536	13.16	-1.856	13.17	-1.824	13.18	-2.720	13.19	-6.112
166	13.20	-9.504	13.21	-5.688	13.22	-1.792	13.23	-1.152	13.24	-4.096	13.25	-8.192	13.26	-3.904	13.27	-0.384
167	13.28	-1.280	13.29	-0.224	13.30	-2.256	13.31	-4.288	13.32	-3.152	13.33	-2.016	13.34	-1.136	13.35	-0.256
168	13.36	-1.856	13.37	-3.624	13.38	-5.392	13.39	-7.168	13.40	-7.616	13.41	-8.064	13.42	-8.512	13.43	-4.672
169	13.44	-0.800	13.45	-3.072	13.46	-2.464	13.47	-1.856	13.48	-1.248	13.49	-0.192	13.50	-0.664	13.51	-5.120
170	13.52	-5.056	13.53	-4.992	13.54	-2.208	13.55	-0.576	13.56	-2.400	13.57	-4.224	13.58	-2.144	13.59	-0.064
171	13.60	-1.536	13.61	-3.008	13.62	-7.616	13.63	-4.256	13.64	-5.776	13.65	-7.296	13.66	-9.528	13.67	-11.752
172	13.68	-13.984	13.69	-10.432	13.70	-6.880	13.71	-3.328	13.72	-0.256	13.73	-2.816	13.74	-2.832	13.75	-2.648
173	13.76	-1.504	13.77	-0.192	13.78	-1.120	13.79	-2.432	13.80	-3.744	13.81	-3.840	13.82	-3.936	13.83	-1.216
174	13.84	-2.816	13.85	-2.528	13.86	-2.240	13.87	-5.264	13.88	-8.288	13.89	-3.328	13.90	-0.544	13.91	-4.416
175	13.92	-1.056	13.93	-2.032	13.94	-5.120	13.95	-6.320	13.96	-7.520	13.97	-5.744	13.98	-3.968	13.99	-4.480
176	14.00	-4.128	14.01	-3.776	14.02	-1.040	14.03	-4.368	14.04	-4.368	14.05	-2.880	14.06	-1.624	14.07	-0.080
177	14.08	-0.864	14.09	-2.432	14.10	-1.904	14.11	-1.376	14.12	-4.608	14.13	-7.640	14.14	-6.160	14.15	-4.480
178	14.16	-2.624	14.17	-0.768	14.18	-2.880	14.19	-1.248	14.20	-0.832	14.21	-3.024	14.22	-5.216	14.23	-5.984
179	14.24	-1.344	14.25	-0.032	14.26	-1.280	14.27	-4.128	14.28	-6.976	14.29	-2.720	14.30	-1.536	14.31	-0.336
180	14.32	-2.208	14.33	-3.040	14.34	-6.464	14.35	-9.888	14.36	-9.131	14.37	-8.373	14.38	-7.616	14.39	-4.208
181	14.40	-0.800	14.41	-2.080	14.42	-3.360	14.43	-4.384	14.44	-5.408	14.45	-0.128	14.46	-0.672	14.47	-1.472
182	14.48	-7.360	14.49	-7.360	14.50	-7.360	14.51	-4.224	14.52	-1.088	14.53	-0.464	14.54	-0.160	14.55	-1.216
183	14.56	-2.688	14.57	-4.000	14.58	-3.472	14.59	-2.944	14.60	-5.344	14.61	-9.024	14.62	-6.272	14.63	-7.640
184	14.64	-7.808	14.65	-0.032	14.66	-0.160	14.67	-0.832	14.68	-1.504	14.69	-7.968	14.70	-6.368	14.71	-4.768
185	14.72	-1.488	14.73	-1.792	14.74	-2.176	14.75	-2.400	14.76	-1.728	14.77	-2.448	14.78	-1.192	14.79	-0.976
186	14.80	-1.344	14.81	-1.120	14.82	-0.896	14.83	-0.608	14.84	-2.112	14.85	-1.500	14.86	-1.088	14.87	-0.331
187	14.88	-1.749	14.89	-3.168	14.90	-3.686	14.91	-4.205	14.92	-4.723	14.93	-5.242	14.94	-5.760	14.95	-6.832
188	14.96	-7.964	14.97	-6.896	14.98	-5.888										

Digitized Accelerogram of Earthquake Record with Index Number E-39 (10-2-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	1.875	0.01	1.825	0.02	1.235	0.03	2.144	0.04	2.904	0.05	3.494	0.06	2.893	0.07	1.183
2	0.08	0.563	0.09	0.057	0.10	-1.397	0.11	-1.648	0.12	-1.898	0.13	-2.398	0.14	-2.099	0.15	-3.049
3	0.16	-1.819	0.17	-1.980	0.18	-1.160	0.19	-1.400	0.20	-2.341	0.21	-1.591	0.22	-0.401	0.23	1.197
4	0.24	0.007	0.25	0.007	0.26	0.706	0.27	0.346	0.28	-0.339	0.29	-1.824	0.30	-2.874	0.31	-3.465
5	0.32	-3.570	0.33	-3.675	0.34	-2.895	0.35	-0.776	0.36	-0.886	0.37	-0.777	0.38	-0.827	0.39	1.722
6	0.40	2.921	0.41	2.271	0.42	1.001	0.43	0.521	0.44	0.040	0.45	0.449	0.46	0.674	0.47	-0.990
7	0.48	-0.727	0.49	-0.554	0.50	-0.381	0.51	-0.201	0.52	-0.182	0.53	0.747	0.54	1.716	0.55	1.911
8	0.56	2.106	0.57	1.975	0.58	1.1305	0.59	0.635	0.60	0.355	0.61	1.414	0.62	0.874	0.63	0.283
9	0.64	-0.276	0.65	0.143	0.66	1.032	0.67	2.002	0.68	2.612	0.69	3.091	0.70	3.671	0.71	4.231
10	0.72	4.300	0.73	3.730	0.74	2.900	0.75	2.109	0.76	2.029	0.77	1.949	0.78	1.488	0.79	-1.041
11	0.80	-2.592	0.81	-3.862	0.82	-4.852	0.83	-5.283	0.84	-4.943	0.85	-3.953	0.86	-3.323	0.87	-2.594
12	0.88	-1.250	0.89	-1.250	0.90	-0.245	0.91	0.824	0.92	0.428	0.93	0.633	0.94	-0.716	0.95	-1.337
13	0.96	-1.557	0.97	-2.087	0.98	-1.079	1.00	-0.191	1.01	-0.611	1.02	-2.259	1.03	-0.010	1.04	1.020
14	1.04	1.719	1.05	1.789	1.06	1.157	1.07	2.813	1.08	-1.493	1.09	-1.032	1.10	-0.352	1.11	0.057
15	1.12	0.057	1.13	-0.563	1.14	-1.893	1.15	-1.363	1.16	-0.667	1.17	-0.354	1.18	0.324	1.19	0.884
16	1.20	1.594	1.21	2.233	1.22	2.813	1.23	1.363	1.24	-0.667	1.25	-1.487	1.26	-1.687	1.27	-2.128
17	1.28	-0.993	1.29	-0.760	1.30	-0.049	1.31	0.370	1.32	-0.930	1.33	-0.080	1.34	1.034	1.35	2.148
18	1.36	2.538	1.37	1.808	1.38	1.427	1.39	1.327	1.40	0.357	1.41	-1.943	1.42	-2.813	1.43	-3.443
19	1.44	-2.934	1.45	-2.444	1.46	-2.194	1.47	-1.135	1.48	-0.215	1.49	0.574	1.50	1.073	1.51	1.363
20	1.52	0.763	1.53	0.252	1.54	0.207	1.55	0.702	1.56	1.281	1.57	1.871	1.58	1.141	1.59	0.350
21	1.60	1.210	1.61	2.065	1.62	2.334	1.63	2.599	1.64	2.249	1.65	2.308	1.66	2.028	1.67	2.227
22	1.68	1.817	1.69	-2.445	1.70	0.922	1.71	0.685	1.72	0.116	1.73	-0.634	1.74	-0.879	1.75	-1.124
23	1.76	-1.655	1.77	-2.445	1.78	0.861	1.79	1.701	1.80	-2.226	1.81	-2.576	1.82	-1.627	1.83	-0.607
24	1.84	0.052	1.85	0.591	1.86	1.578	1.87	1.701	1.88	2.330	1.89	2.642	1.90	1.810	1.91	1.979
25	1.92	1.819	1.93	1.659	1.94	1.578	1.95	1.728	1.96	1.757	1.97	2.042	1.98	2.042	1.99	2.326
26	2.00	1.406	2.01	-0.673	2.02	-0.784	2.03	-1.594	2.04	-2.574	2.05	-3.185	2.06	-3.450	2.07	-3.715
27	2.08	-3.856	2.09	-3.996	2.10	-4.161	2.11	-4.327	2.12	-4.297	2.13	-3.438	2.14	-2.548	2.15	-2.268
28	2.16	-2.188	2.17	-1.099	2.18	0.070	2.19	0.020	2.20	-0.280	2.21	0.225	2.22	0.729	2.23	1.588
29	2.24	2.248	2.25	2.248	2.26	2.247	2.27	2.017	2.28	2.577	2.29	3.066	2.30	3.136	2.31	2.965
30	2.32	2.545	2.33	1.575	2.34	0.984	2.35	0.799	2.36	0.614	2.37	0.453	2.38	-0.796	2.39	-1.276
31	2.40	-1.757	2.41	-2.147	2.42	-2.357	2.43	-3.358	2.44	-3.838	2.45	-4.098	2.46	-3.119	2.47	-2.479
32	2.48	-2.899	2.49	-3.640	2.50	-3.701	2.51	-3.701	2.52	-3.321	2.53	-3.711	2.54	-3.932	2.55	-3.322
33	2.56	-2.462	2.57	-2.313	2.58	-1.503	2.59	-0.383	2.60	-0.383	2.61	-2.185	2.62	-2.745	2.63	-3.205
34	2.64	4.234	2.65	4.874	2.66	5.713	2.67	4.683	2.68	3.213	2.69	2.683	2.70	2.172	2.71	0.411
35	2.72	-0.058	2.73	0.071	2.74	0.531	2.75	0.780	2.76	-1.389	2.77	-2.580	2.78	-2.400	2.79	-2.220
36	2.80	-2.791	2.81	-3.141	2.82	-2.921	2.83	-2.391	2.84	-2.232	2.85	-2.452	2.86	-2.283	2.87	-2.063
37	2.88	-1.073	2.89	0.065	2.90	0.805	2.91	1.165	2.92	0.505	2.93	0.204	2.94	1.074	2.95	1.773
38	2.96	2.603	2.97	2.183	2.98	1.982	2.99	2.152	3.00	2.462	3.01	1.881	3.02	1.436	3.03	0.990
39	3.04	0.755	3.05	0.480	3.06	0.030	3.07	-0.100	3.08	0.649	3.09	0.959	3.10	0.298	3.11	-0.611
40	3.12	-1.757	3.13	-2.682	3.14	-3.352	3.15	-4.073	3.16	-4.603	3.17	-4.913	3.18	-5.294	3.19	-4.794
41	3.20	-4.334	3.21	-3.855	3.22	-3.245	3.23	-2.525	3.24	-1.848	3.25	-1.199	3.26	-0.506	3.27	-0.607
42	3.28	-4.867	3.29	-3.558	3.30	-1.078	3.31	-0.988	3.32	-0.308	3.33	-1.199	3.34	-2.299	3.35	-2.959
43	3.36	-3.440	3.37	-1.340	3.38	-0.210	3.39	-0.278	3.40	-0.441	3.41	-1.202	3.42	-0.932	3.43	-0.632
44	3.44	-0.043	3.45	-0.673	3.46	-0.883	3.47	-0.883	3.48	-0.884	3.49	0.425	3.50	0.984	3.51	1.514
45	3.52	0.764	3.53	0.033	3.54	-0.126	3.55	-0.052	3.56	0.022	3.57	0.372	3.58	1.192	3.59	1.901
46	3.60	2.071	3.61	1.971	3.62	2.930	3.63	3.680	3.64	4.610	3.65	5.349	3.66	5.729	3.67	3.208
47	3.68	0.228	3.69	0.298	3.70	0.377	3.71	-1.182	3.72	-2.692	3.73	-3.963	3.74	-4.573	3.75	-5.583
48	3.76	5.903	3.77	-6.224	3.78	-6.124	3.79	-5.655	3.80	-4.585	3.81	-4.655	3.82	-4.826	3.83	-4.336
49	3.84	-4.256	3.85	-4.087	3.86	-4.087	3.87	-3.677	3.88	-2.738	3.89	-2.178	3.90	-2.129	3.91	-2.749
50	3.92	-2.949	3.93	-2.669	3.94	-1.198	3.95	-1.360	3.96	-1.141	3.97	-1.141	3.98	-0.301	3.99	0.817
51	4.00	0.597	4.01	0.447	4.02	1.126	4.03	1.886	4.04	2.496	4.05	2.745	4.06	3.075	4.07	4.694
52	4.08	4.224	4.09	3.394	4.10	2.484	4.11	1.913	4.12	1.073	4.13	-0.167	4.14	-0.587	4.15	-1.007
53	4.16	-1.898	4.17	-1.988	4.18	-2.918	4.19	-3.199	4.20	-3.199	4.21	-2.779	4.22	-2.610	4.23	-2.890
54	4.24	-3.370	4.25	-3.631	4.26	-3.801	4.27	-3.251	4.28	-2.712	4.29	-1.982	4.30	-1.303	4.31	-0.813
55	4.32	-0.613	4.33	-0.813	4.34	-0.994	4.35	-0.065	4.36	-0.755	4.37	-1.025	4.38	-2.765	4.39	-3.586
56	4.40	-3.556	4.41	-3.206	4.42	-2.977	4.43	-2.377	4.44	-1.307	4.45	-0.137	4.46	1.281	4.47	1.056
57	4.48	0.831	4.49	0.150	4.50	-0.520	4.51	-1.190	4.52	-1.250	4.53	-0.250	4.54	1.308	4.55	3.008
58	4.56	6.212	4.57	5.417	4.58	7.267	4.59	8.517	4.60	10.366	4.61	10.876	4.62	10.901	4.63	10.925
59	4.64	10.185	4.65	9.659	4.66	9.234	4.67	8.753	4.68	8.273	4.69	7.848	4.70	7.423	4.71	5.682
60	4.72	3.782	4.73	2.562	4.74	1.767	4.75	0.851	4.76	-0.318	4.77	-1.989	4.78	-4.449	4.79	-6.109
61	4.80	-7.810	4.81	-8.140	4.82	-8.470	4.83	-8.800	4.84	-9.130	4.85	-9.460	4.86	-10.242	4.87	-10.332
62	4.88	-10.032	4.89	-9.743	4.90	-9.153	4.91	-8.693	4.92	-8.274	4.93	-7.774	4.94	-7.274	4.95	-6.774
63	4.96	-0.604	4.97	-1.306	4.98	-2.856	4.99	-4.086	5.00	-4.237	5.01	-3.707	5.02	-4.257	5.03	-3.708
64	5.04	-3.458	5.05	-2.928	5.06	-0.879	5.07	0.530	5.08	-0.119	5.09	-0.260	5.10	0.499	5.11	0.949
65	5.12	0.378	5.13	-1.091	5.14	-3.201	5.15	-4.722	5.16	-6.732	5.17	-7.392	5.18	-7.643	5.19	-7.743
66	5.20	-7.523	5.21	-6.874	5.22	-6.484	5.23	-6.475	5.24	-6.885	5.25	-6.885	5.26	-6.885	5.27	0.823
67	5.28	4.193	5.29	5.342	5.30	5.902	5.31	7.532	5.32	8.871	5.33	10.601	5.34	11.131	5.35	10.010
68	5.36	10.680	5.37	7.670	5.38	6.269	5.39	5.299	5.40	4.008	5.41	3.048	5.42	2.198	5.43	1.658
69	5.44	0.527	5.45	-1.282	5.46	-1.943	5.47	-3.033	5.48	-5.013	5.49	-6.694	5.50	-8.894	5.51	-10.834
70	5.52	-13.875	5.53	-15.735	5.54	-15.735	5.55	-14.066	5.56	-11.626	5.57	-10.056	5.58	-8.227	5.59	-7.347
71	5.60	-6.847	5.61	-6.298	5.62	-4.318	5.63	-2.610	5.64	-1.406	5.65	0.740	5.66	10.430	5.67	11.579
72	5.68	12.949	5.69	13.253	5.70	13.558	5.71	10.468	5.72	8.467	5.73	6.337	5.74	4.677	5.75	3.178
73	5.76	1.406	5.77	0.706	5.78	0.005	5.79	-0.595	5.80	-1.194	5.81	-2.365	5.82	-6.045	5.83	-6.195
74	5.84	-10.516	5.85	-12.706	5.86	-11.896	5.87	-10.147	5.88	-9.157	5.89	-8.167	5.90	-6.408	5.91	-4.608
75																

127	10.08	-4.563	10.09	-6.323	10.10	-7.743	10.11	-8.474	10.12	-9.394	10.13	-10.134	10.14	-10.670	10.15	-11.205
128	10.16	-12.065	10.17	-12.946	10.18	-13.836	10.19	-14.726	10.20	-15.616	10.21	-16.506	10.22	-17.396	10.23	-18.286
129	10.24	-7.248	10.25	-4.278	10.26	-3.338	10.27	-2.508	10.28	-1.888	10.29	-1.368	10.30	-0.948	10.31	-0.628
130	10.32	2.908	10.33	3.238	10.34	3.568	10.35	3.898	10.36	4.228	10.37	4.558	10.38	4.888	10.39	5.218
131	10.40	4.205	10.41	3.505	10.42	3.415	10.43	3.244	10.44	3.034	10.45	2.784	10.46	2.534	10.47	2.284
132	10.48	2.763	10.49	1.512	10.50	0.152	10.51	-0.347	10.52	-0.748	10.53	-1.149	10.54	-1.550	10.55	-1.951
133	10.56	-1.929	10.57	-0.219	10.58	0.509	10.59	0.234	10.60	-0.049	10.61	-0.456	10.62	-0.871	10.63	-1.272
134	10.64	-2.042	10.65	-1.742	10.66	-1.573	10.67	-1.576	10.68	-1.576	10.69	-1.576	10.70	-1.576	10.71	-1.576
135	10.72	3.525	10.73	3.544	10.74	3.544	10.75	3.544	10.76	3.544	10.77	3.544	10.78	3.544	10.79	3.544
136	10.80	-0.437	10.81	-0.661	10.82	-0.921	10.83	-1.221	10.84	-1.561	10.85	-1.941	10.86	-2.361	10.87	-2.821
137	10.88	-2.720	10.89	-1.600	10.90	-0.490	10.91	0.490	10.92	1.771	10.93	3.251	10.94	4.931	10.95	6.811
138	10.96	-4.993	10.97	-3.963	10.98	-3.093	10.99	-2.413	11.00	-1.993	11.01	-1.713	11.02	-1.513	11.03	-1.363
139	11.04	3.763	11.05	2.413	11.06	1.093	11.07	0.713	11.08	0.313	11.09	0.013	11.10	0.291	11.11	0.581
140	11.12	13.391	11.13	14.950	11.14	16.340	11.15	17.310	11.16	17.960	11.17	18.290	11.18	18.410	11.19	18.410
141	11.20	12.938	11.21	13.338	11.22	12.917	11.23	10.967	11.24	9.066	11.25	7.366	11.26	6.416	11.27	5.726
142	11.28	2.435	11.29	-2.704	11.30	-4.805	11.31	-6.715	11.32	-8.375	11.33	-9.734	11.34	-10.844	11.35	-11.754
143	11.36	-2.026	11.37	-2.267	11.38	-2.457	11.39	-2.607	11.40	-2.727	11.41	-2.817	11.42	-2.877	11.43	-2.907
144	11.44	-9.099	11.45	-9.320	11.46	-9.453	11.47	-9.503	11.48	-9.563	11.49	-9.633	11.50	-9.713	11.51	-9.793
145	11.52	-13.922	11.53	-12.933	11.54	-12.023	11.55	-11.183	11.56	-10.413	11.57	-9.713	11.58	-9.073	11.59	-8.493
146	11.60	-2.495	11.61	0.254	11.62	2.023	11.63	3.753	11.64	5.353	11.65	6.823	11.66	8.163	11.67	9.383
147	11.68	7.071	11.69	7.506	11.70	7.941	11.71	8.376	11.72	8.811	11.73	9.246	11.74	9.681	11.75	10.116
148	11.76	12.779	11.77	12.408	11.78	12.948	11.79	12.597	11.80	12.146	11.81	11.695	11.82	11.244	11.83	10.793
149	11.84	1.926	11.85	1.876	11.86	1.826	11.87	1.776	11.88	1.726	11.89	1.676	11.90	1.626	11.91	1.576
150	11.92	7.943	11.93	4.093	11.94	1.462	11.95	-2.237	11.96	-5.068	11.97	-7.939	11.98	-10.810	11.99	-13.681
151	12.00	-7.179	12.01	-6.109	12.02	-5.570	12.03	-4.980	12.04	-4.380	12.05	-3.780	12.06	-3.180	12.07	-2.580
152	12.08	0.997	12.09	1.077	12.10	0.622	12.11	0.166	12.12	-0.280	12.13	-0.724	12.14	-1.168	12.15	-1.612
153	12.16	-5.704	12.17	-6.875	12.18	-8.260	12.19	-9.845	12.20	-11.630	12.21	-13.615	12.22	-15.800	12.23	-18.185
154	12.24	-9.597	12.25	-10.276	12.26	-10.618	12.27	-10.618	12.28	-10.368	12.29	-9.973	12.30	-9.443	12.31	-8.768
155	12.32	-6.150	12.33	-4.450	12.34	-2.551	12.35	-0.415	12.36	1.915	12.37	4.335	12.38	6.755	12.39	9.175
156	12.40	-1.453	12.41	0.136	12.42	0.696	12.43	1.256	12.44	1.816	12.45	2.376	12.46	2.936	12.47	3.496
157	12.48	3.914	12.49	2.953	12.50	2.213	12.51	1.732	12.52	1.312	12.53	0.952	12.54	0.642	12.55	0.382
158	12.56	13.021	12.57	12.160	12.58	11.710	12.59	12.170	12.60	13.089	12.61	11.659	12.62	10.899	12.63	10.219
159	12.64	4.898	12.65	2.188	12.66	2.457	12.67	1.697	12.68	0.937	12.69	-1.203	12.70	-2.643	12.71	-4.383
160	12.72	-5.974	12.73	-5.854	12.74	-4.954	12.75	-3.805	12.76	-2.855	12.77	-2.055	12.78	-1.416	12.79	-0.986
161	12.80	-5.747	12.81	-6.867	12.82	-8.058	12.83	-9.488	12.84	-11.238	12.85	-13.308	12.86	-15.698	12.87	-18.408
162	12.88	-6.909	12.89	-6.140	12.90	-5.260	12.91	-4.280	12.92	-3.200	12.93	-2.020	12.94	-0.740	12.95	0.640
163	12.96	1.577	12.97	3.404	12.98	5.260	12.99	7.140	13.00	9.040	13.01	10.960	13.02	12.900	13.03	14.860
164	13.04	6.054	13.05	4.964	13.06	4.348	13.07	3.721	13.08	3.084	13.09	2.437	13.10	1.780	13.11	1.113
165	13.12	-4.768	13.13	-4.598	13.14	-4.348	13.15	-4.011	13.16	-3.584	13.17	-3.067	13.18	-2.460	13.19	-1.773
166	13.20	-5.650	13.21	-4.051	13.22	-3.721	13.23	-3.471	13.24	-3.221	13.25	-2.971	13.26	-2.721	13.27	-2.471
167	13.28	-1.433	13.29	1.105	13.30	2.225	13.31	3.435	13.32	4.745	13.33	6.155	13.34	7.565	13.35	8.975
168	13.36	12.033	13.37	8.653	13.38	6.752	13.39	6.172	13.40	5.512	13.41	4.852	13.42	4.192	13.43	3.532
169	13.44	-1.679	13.45	-2.039	13.46	-2.109	13.47	-2.139	13.48	-2.169	13.49	-2.199	13.50	-2.229	13.51	-2.259
170	13.52	-5.988	13.53	-4.027	13.54	-2.107	13.55	-1.697	13.56	-1.383	13.57	-1.069	13.58	-0.755	13.59	-0.441
171	13.60	-1.346	13.61	0.484	13.62	2.464	13.63	4.584	13.64	6.854	13.65	9.274	13.66	11.844	13.67	14.564
172	13.68	-6.107	13.69	-5.608	13.70	-5.109	13.71	-4.610	13.72	-4.111	13.73	-3.612	13.74	-3.113	13.75	-2.614
173	13.76	8.299	13.77	6.529	13.78	4.276	13.79	3.976	13.80	3.626	13.81	3.276	13.82	2.926	13.83	2.576
174	13.84	5.735	13.85	5.916	13.86	4.276	13.87	3.976	13.88	3.626	13.89	3.276	13.90	2.926	13.91	2.576
175	13.92	-4.436	13.93	-4.816	13.94	-5.196	13.95	-5.576	13.96	-5.956	13.97	-6.336	13.98	-6.716	13.99	-7.096
176	14.00	-3.168	14.01	-0.978	14.02	1.959	14.03	4.079	14.04	6.409	14.05	8.949	14.06	11.689	14.07	14.529
177	14.08	-2.071	14.09	-0.321	14.10	3.177	14.11	6.407	14.12	9.637	14.13	12.867	14.14	16.097	14.15	19.327
178	14.16	6.130	14.17	4.115	14.18	2.915	14.19	1.695	14.20	0.475	14.21	-0.745	14.22	-1.965	14.23	-3.185
179	14.24	0.153	14.25	4.457	14.26	8.847	14.27	13.237	14.28	17.627	14.29	22.017	14.30	26.407	14.31	30.797
180	14.32	0.680	14.33	0.840	14.34	1.219	14.35	1.689	14.36	2.159	14.37	2.629	14.38	3.099	14.39	3.569
181	14.40	8.185	14.41	10.817	14.42	13.449	14.43	16.081	14.44	18.713	14.45	21.345	14.46	23.977	14.47	26.609
182	14.48	6.185	14.49	8.034	14.50	7.204	14.51	6.484	14.52	5.764	14.53	5.044	14.54	4.324	14.55	3.604
183	14.56	1.922	14.57	2.691	14.58	3.460	14.59	4.229	14.60	5.000	14.61	5.770	14.62	6.540	14.63	7.310
184	14.64	-0.980	14.65	-7.375	14.66	-7.771	14.67	-8.167	14.68	-8.563	14.69	-8.959	14.70	-9.355	14.71	-9.751
185	14.72	-3.903	14.73	-0.893	14.74	1.386	14.75	2.685	14.76	3.984	14.77	5.283	14.78	6.582	14.79	7.881
186	14.80	2.183	14.81	1.453	14.82	1.363	14.83	1.152	14.84	0.942	14.85	0.732	14.86	0.522	14.87	0.312
187	14.88	-4.678	14.89	-4.279	14.90	-3.880	14.91	-3.481	14.92	-3.082	14.93	-2.683	14.94	-2.284	14.95	-1.885
188	14.96	-7.881	14.97	-6.802	14.98	-5.402	14.99	-3.902	15.00	-2.402	15.01	-0.902	15.02	0.602	15.03	2.102
189	15.04	1.185	15.05	1.025	15.06	1.854	15.07	3.224	15.08	4.654	15.09	6.084	15.10	7.514	15.11	8.944
190	15.12	3.532	15.13	4.392	15.14	5.252	15.15	6.112	15.16	6.972	15.17	7.832	15.18	8.692	15.19	9.552
191	15.20	-1.209	15.21	-5.780	15.22	-6.790	15.23	-7.800	15.24	-8.810	15.25	-9.820	15.26	-10.830	15.27	-11.840
192	15.28	-3.382	15.29	-1.993	15.30	1.923	15.31	4.243	15.32	6.563	15.33	8.883	15.34	11.203	15.35	13.523
193	15.36	3.460	15.37	2.514	15.38	1.923	15.39	1.312	15.40	0.682	15.41	0.052	15.42	-0.578	15.43	-1.208
194	15.44	1.271	15.45	0.192	15.46	-0.888	15.47	-1.918	15.48	-2.948	15.49	-3.978	15.50	-5.008	15.51	-6.038
195	15.52	-3.281	15.53	-2.731	15.54	-2.181	15.55	-1.631	15.56	-1.081	15.57	-0.531	15.58	0.019	15.59	0.569
196	15.60	-0.793	15.61	-1.473	15.62	-2.153	15.63	-2.833	15.64	-3.513	15.65	-4.193	15.66	-4.873	15.67	-5.553
197	15.68	1.143	15.69	3.203	15.70	5.263	15.71	7.323	15.72	9.383	15.73	11.443	15.74	13.503	15.	

251	20.00	2.503	20.01	0.523	20.02	-2.086	20.03	-2.467	20.04	-2.847	20.05	-3.203	20.06	-3.555	20.07	-3.693
252	20.08	-3.628	20.09	-2.919	20.10	-2.474	20.11	-2.029	20.12	-3.790	20.13	-4.830	20.14	-5.670	20.15	-5.801
253	20.16	-4.921	20.17	-3.172	20.18	-0.312	20.19	0.355	20.20	1.017	20.21	2.916	20.22	4.426	20.23	5.995
254	20.24	6.505	20.25	6.130	20.26	5.755	20.27	4.818	20.28	3.494	20.29	3.084	20.30	2.033	20.31	2.390
255	20.32	2.162	20.33	2.162	20.34	2.511	20.35	-4.061	20.36	-5.231	20.37	-3.051	20.38	-0.449	20.39	-1.069
256	20.40	-2.415	20.41	-3.180	20.42	-3.500	20.43	-4.138	20.44	-5.231	20.45	-5.531	20.46	-5.257	20.47	-4.982
257	20.48	-4.982	20.49	-5.163	20.50	-4.863	20.51	-4.106	20.52	-3.413	20.53	-1.984	20.54	-1.740	20.55	-1.515
258	20.56	-1.455	20.57	-1.885	20.58	-1.566	20.59	-1.106	20.60	-1.856	20.61	-2.607	20.62	-3.557	20.63	-3.938
259	20.64	-4.318	20.65	-4.998	20.66	-5.259	20.67	-4.409	20.68	-3.774	20.69	-3.139	20.70	-1.976	20.71	-1.250
260	20.72	-1.976	20.73	-2.701	20.74	-4.491	20.75	-5.952	20.76	-5.592	20.77	-5.232	20.78	-4.623	20.79	-5.693
261	20.80	-5.988	20.81	-6.784	20.82	-6.984	20.83	-6.345	20.84	-5.215	20.85	-4.005	20.86	-2.235	20.87	-0.376
262	20.88	1.003	20.89	2.942	20.90	4.772	20.91	4.942	20.92	5.112	20.93	5.231	20.94	3.051	20.95	2.051
263	20.96	-0.039	20.97	0.407	20.98	0.853	20.99	1.209	21.00	2.259	21.01	2.378	21.02	2.223	21.03	2.068
264	21.04	1.637	21.05	1.937	21.06	1.266	21.07	0.086	21.08	-0.753	21.09	-1.593	21.10	-2.254	21.11	-1.754
265	21.12	-1.094	21.13	-0.435	21.14	-0.410	21.15	-0.386	21.16	-0.253	21.17	-0.253	21.18	-0.107	21.19	-0.032
266	21.20	0.122	21.21	1.081	21.22	1.531	21.23	1.981	21.24	1.901	21.25	1.370	21.26	0.640	21.27	1.009
267	21.28	2.529	21.29	2.208	21.30	2.368	21.31	2.528	21.32	2.708	21.33	2.357	21.34	1.807	21.35	1.857
268	21.36	2.256	21.37	1.276	21.38	0.375	21.39	-0.464	21.40	-1.604	21.41	-2.745	21.42	-4.295	21.43	-4.955
269	21.44	-5.616	21.45	-4.236	21.46	-2.836	21.47	-1.947	21.48	-1.392	21.49	-0.837	21.50	-0.313	21.51	0.211
270	21.52	1.551	21.53	1.050	21.54	0.635	21.55	0.220	21.56	-0.190	21.57	-0.120	21.58	0.079	21.59	0.278
271	21.60	0.688	21.61	-0.162	21.62	-0.862	21.63	-1.562	21.64	-2.092	21.65	-2.623	21.66	-2.933	21.67	-2.024
272	21.68	-1.364	21.69	-1.234	21.70	-2.274	21.71	-3.255	21.72	-3.595	21.73	-2.236	21.74	-0.186	21.75	2.183
273	21.76	3.552	21.77	5.052	21.78	5.742	21.79	5.337	21.80	4.931	21.81	3.871	21.82	3.056	21.83	2.240
274	21.84	1.639	21.85	1.039	21.86	0.628	21.87	0.616	21.88	0.630	21.89	0.658	21.90	1.517	21.91	1.872
275	21.92	2.227	21.93	-0.283	21.94	-1.283	21.95	-2.283	21.96	-3.003	21.97	-3.724	21.98	-3.194	21.99	-5.689
276	22.00	-6.585	22.01	-5.675	22.02	-3.286	22.03	-1.126	22.04	1.793	22.05	1.372	22.06	1.407	22.07	1.442
277	22.08	2.401	22.09	3.831	22.10	4.561	22.11	4.611	22.12	4.660	22.13	5.240	22.14	5.030	22.15	4.819
278	22.16	4.592	22.17	4.365	22.18	4.130	22.19	3.988	22.20	3.837	22.21	3.082	22.22	2.327	22.23	1.146
279	22.24	-0.213	22.25	-0.330	22.26	-0.447	22.27	-0.564	22.28	-1.195	22.29	-1.885	22.30	-0.865	22.31	-0.675
280	22.32	-0.466	22.33	-0.256	22.34	-0.226	22.35	-0.197	22.36	-0.167	22.37	-0.342	22.38	-0.518	22.39	-0.914
281	22.40	-1.309	22.41	-1.589	22.42	-1.870	22.43	-2.150	22.44	-2.555	22.45	-2.960	22.46	-3.050	22.47	-3.141
282	22.48	-2.951	22.49	-2.762	22.50	-2.032	22.51	-1.272	22.52	-4.713	22.53	-6.183	22.54	-6.804	22.55	-6.664
283	22.56	-6.524	22.57	-5.545	22.58	-4.765	22.59	-3.985	22.60	-4.575	22.61	-5.186	22.62	-6.236	22.63	-6.167
284	22.64	-5.322	22.65	-4.477	22.66	-2.418	22.67	-1.348	22.68	-1.473	22.69	-1.598	22.70	-2.359	22.71	-2.409
285	22.72	-1.514	22.73	-0.620	22.74	1.639	22.75	2.413	22.76	3.188	22.77	4.198	22.78	4.687	22.79	4.732
286	22.80	4.857	22.81	5.708	22.82	5.986	22.83	6.266	22.84	7.075	22.85	7.200	22.86	7.325	22.87	7.484
287	22.88	6.824	22.89	6.164	22.90	5.913	22.91	5.663	22.92	6.082	22.93	6.162	22.94	4.722	22.95	3.566
288	22.96	2.411	22.97	1.308	22.98	0.201	22.99	-0.819	23.00	-1.364	23.01	-1.909	23.02	-2.030	23.03	-1.824
289	23.04	-1.617	23.05	-1.411	23.06	-0.991	23.07	-1.782	23.08	-2.787	23.09	-3.792	23.10	-5.543	23.11	-6.203
290	23.12	-5.604	23.13	-5.004	23.14	-4.204	23.15	-3.404	23.16	-0.915	23.17	1.224	23.18	2.224	23.19	3.223
291	23.20	6.653	23.21	7.083	23.22	6.663	23.23	6.242	23.24	5.721	23.25	5.836	23.26	5.951	23.27	6.030
292	23.28	5.775	23.29	5.520	23.30	4.069	23.31	2.749	23.32	2.139	23.33	1.443	23.34	0.748	23.35	-1.081
293	23.36	-2.252	23.37	-3.417	23.38	-4.583	23.39	-5.513	23.40	-6.443	23.41	-7.063	23.42	-7.684	23.43	-8.304
294	23.44	-8.460	23.45	-8.615	23.46	-8.630	23.47	-8.645	23.48	-8.086	23.49	-6.746	23.50	-5.687	23.51	-4.837
295	23.52	-5.737	23.53	-5.958	23.54	-6.178	23.55	-5.863	23.56	-5.549	23.57	-4.789	23.58	-4.240	23.59	-3.690
296	23.60	-3.765	23.61	-3.840	23.62	-4.041	23.63	-3.236	23.64	-2.431	23.65	-1.282	23.66	-0.032	23.67	0.967
297	23.68	1.966	23.69	0.956	23.70	0.840	23.71	0.725	23.72	0.735	23.73	0.744	23.74	0.754	23.75	0.774
298	23.76	1.813	23.77	2.038	23.78	2.263	23.79	1.762	23.80	2.227	23.81	2.692	23.82	2.691	23.83	1.721
299	23.84	0.851	23.85	0.930	23.86	1.150	23.87	1.050	23.88	0.119	23.89	-0.771	23.90	-1.660	23.91	-3.541
300	23.92	-5.061	23.93	-6.692	23.94	-7.122	23.95	-6.317	23.96	-5.512	23.97	-1.733	23.98	-0.563	23.99	-0.448
301	24.00	-0.334	24.01	0.275	24.02	0.985	24.03	0.874	24.04	0.874	24.05	0.694	24.06	0.843	24.07	0.016
302	24.08	-0.942	24.09	-1.867	24.10	-3.337	24.11	-4.678	24.12	-5.268	24.13	-5.658	24.14	-4.748	24.15	-3.839
303	24.16	-1.759	24.17	-0.370	24.18	0.319	24.19	-0.681	24.20	-1.071	24.21	-1.461	24.22	-1.952	24.23	-2.072
304	24.24	-3.122	24.25	-3.477	24.26	-3.833	24.27	-4.243	24.28	-4.074	24.29	-3.524	24.30	-3.179	24.31	-2.835
305	24.32	-1.945	24.33	-1.745	24.34	-1.546	24.35	-1.306	24.36	-0.546	24.37	0.032	24.38	-0.757	24.39	-1.432
306	24.40	-2.108	24.41	-2.718	24.42	-2.358	24.43	-1.999	24.44	-1.509	24.45	-1.599	24.46	-1.690	24.47	-1.651
307	24.48	-1.611	24.49	-1.261	24.50	-1.446	24.51	-1.632	24.52	-1.672	24.53	-1.712	24.54	-2.063	24.55	-2.433
308	24.56	-2.803	24.57	-2.818	24.58	-2.834	24.59	-2.714	24.60	-2.960	24.61	-3.205	24.62	-2.845	24.63	-2.486
309	24.64	-1.216	24.65	-0.456	24.66	-0.357	24.67	-1.887	24.68	-3.308	24.69	-4.278	24.70	-4.528	24.71	-3.738
310	24.72	-2.639	24.73	-1.729	24.74	-2.344	24.75	-2.960	24.76	-3.750	24.77	-4.291	24.78	-3.661	24.79	-2.872

Digitized Accelerogram of Earthquake Record with Index Number E-40 (10-2-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	1.042	0.01	1.701	0.02	2.631	0.03	1.731	0.04	1.410	0.05	1.090	0.06	1.680	0.07	0.925
2	0.08	0.790	0.09	0.640	0.10	1.040	0.11	1.430	0.12	0.980	0.13	0.250	0.14	0.250	0.15	0.640
3	0.16	1.230	0.17	0.430	0.18	-0.361	0.19	-1.671	0.20	-1.852	0.21	-1.602	0.22	-0.352	0.23	-1.102
4	0.24	-0.522	0.25	-0.343	0.26	0.696	0.27	2.196	0.28	2.956	0.29	3.120	0.30	3.285	0.31	3.065
5	0.32	3.045	0.33	4.485	0.34	2.354	0.35	0.604	0.36	-0.735	0.37	-1.605	0.38	-1.455	0.39	-1.105
6	0.40	0.113	0.41	-0.357	0.42	-0.826	0.43	-1.296	0.44	-2.007	0.45	-2.727	0.46	-2.177	0.47	-1.357
7	0.48	-1.987	0.49	-2.617	0.50	-3.358	0.51	-3.416	0.52	-2.358	0.53	-1.188	0.54	-0.229	0.55	0.200
8	0.56	-0.539	0.57	-0.729	0.58	-0.919	0.59	-0.870	0.60	0.309	0.61	1.249	0.62	2.869	0.63	2.599
9	0.64	2.698	0.65	3.478	0.66	4.168	0.67	2.658	0.68	1.618	0.69	1.557	0.70	1.537	0.71	1.387
10	0.72	1.047	0.73	1.707	0.74	0.476	0.75	0.651	0.76	0.826	0.77	3.106	0.78	3.036	0.79	4.275
11	0.80	3.505	0.81	2.735	0.82	1.165	0.83	0.084	0.84	-0.105	0.85	-0.075	0.86	-1.025	0.87	-2.375
12	0.88	-3.416	0.89	-4.406	0.90	-3.971	0.91	-3.536	0.92	-2.821	0.93	-2.106	0.94	-0.787	0.95	-0.113
13	0.96	0.562	0.97	1.472	0.98	0.771	0.99	0.071	1.00	0.366	1.01	0.661	1.02	0.865	1.03	1.070
14	1.04	1.800	1.05	1.330	1.06	0.750	1.07	0.440	1.08	1.339	1.09	1.639	1.10	0.799	1.11	0.619
15	1.12	0.844	1.13	1.068	1.14	1.408	1.15	1.348	1.16	0.438	1.17	0.678	1.18	0.727	1.19	-0.352
16	1.20	-0.832	1.21	-1.312	1.22	-2.533	1.23	-2.713	1.24	-2.693	1.25	-2.618	1.26	-2.343	1.27	-1.423
17	1.28	0.755	1.29	1.435	1.30	1.485	1.31	2.045	1.32	2.294	1.33	1.654	1.34	1.404	1.35	1.444
18	1.36	1.694	1.37	0.693	1.38	-1.135	1.39	-0.716	1.40	-0.296	1.41	-0.293	1.42	-0.452	1.43	1.062
19	1.44	1.642	1.45	2.272	1.46	1.012	1.47	1.508	1.48	-1.408	1.49	-1.308	1.50	-1.533	1.51	-1.858
20	1.52	-1.849	1.53	-1.259	1.54	-0.449	1.55	-0.579	1.56	-0.603	1.57	-0.426	1.58	-0.150	1.59	-0.130
21	1.60	0.009	1.61	0.219	1.62	0.428	1.63	0.778	1.64	1.128	1.65	0.538	1.66	0.027	1.67	-0.362
22	1.68	-0.942	1.69	-2.082	1.70	-1.872	1.71	-1.792	1.72	-1.713	1.73	-2.113	1.74	-2.073	1.75	-1.103
23	1.76	-0.354	1.77	0.135	1.78	-1.374	1.79	-2.444	1.80	-2.269	1.81	-2.095	1.82	-1.975	1.83	-1.925
24	1.84	-2.235	1.85	-2.545	1.86	-2.446	1.87	-2.446	1.88	-1.941	1.89	-1.436	1.90	-0.426	1.91	-0.247
25	1.92	-0.067	1.93	-0.337	1.94	0.332	1.95	0.396	1.96	0.461	1.97	0.341	1.98	-1.078	1.99	0.001
26	2.00	0.641	2.01	-0.269	2.02	-0.619	2.03	1.010	2.04	2.370	2.05	3.100	2.06	3.709	2.07	3.219
27	2.08	2.149	2.09	1.139	2.10	1.258	2.11	1.173	2.12	1.088	2.13	1.643	2.14	0.998	2.15	-1.592
28	2.16	-1.847	2.17	-2.102	2.18	-2.032	2.19	-2.353	2.20	-2.273	2.21	-2.933	2.22	-3.048	2.23	-3.163
29	2.24	-3.107	2.25	-3.050	2.26	-2.994	2.27	-2.499	2.28	-2.004	2.29	-1.104	2.30	-0.204	2.31	0.909
30	2.32	0.914	2.33	1.924	2.34	2.614	2.35	2.134	2.36	1.653	2.37	0.543	2.38	-0.136	2.39	-0.547
31	2.40	-0.957	2.41	-1.517	2.42	-2.047	2.43	-1.787	2.44	-1.527	2.45	-1.078	2.46	-0.178	2.47	0.751
32	2.48	0.951	2.49	0.311	2.50	-0.299	2.51	-0.204	2.52	-0.109	2.53	-1.139	2.54	-2.129	2.55	-2.790
33	2.56	-2.680	2.57	-2.570	2.58	-1.590	2.59	-1.295	2.60	-1.001	2.61	-1.251	2.62	-1.209	2.63	-1.601
34	2.64	-0.020	2.65	0.947	2.66	1.917	2.67	2.777	2.68	3.167	2.69	2.136	2.70	1.826	2.71	3.186
35	2.72	4.436	2.73	4.966	2.74	5.115	2.75	4.375	2.76	3.605	2.77	2.835	2.78	1.645	2.79	1.205
36	2.80	0.764	2.81	0.224	2.82	0.324	2.83	-1.215	2.84	-3.026	2.85	-2.616	2.86	-2.206	2.87	-0.876
37	2.88	-0.646	2.89	-1.417	2.90	-2.057	2.91	-1.957	2.92	-1.357	2.93	-0.747	2.94	-0.188	2.95	-1.368
38	2.96	-1.868	2.97	-2.338	2.98	-2.783	2.99	-3.229	3.00	-3.709	3.01	-4.159	3.02	-4.609	3.03	-5.059
39	3.04	-0.540	3.05	0.259	3.06	1.499	3.07	2.469	3.08	2.608	3.09	2.748	3.10	2.128	3.11	1.168
40	3.12	0.578	3.13	0.627	3.14	0.217	3.15	0.237	3.16	1.197	3.17	1.657	3.18	1.786	3.19	1.536
41	3.20	1.536	3.21	1.316	3.22	0.505	3.23	-0.794	3.24	-1.784	3.25	-2.834	3.26	-2.464	3.27	-2.214
42	3.28	-2.585	3.29	-2.005	3.30	-1.585	3.31	-1.165	3.32	-0.536	3.33	-0.721	3.34	-0.906	3.35	-1.166
43	3.36	-0.926	3.37	-1.196	3.38	-1.467	3.39	-1.457	3.40	-1.447	3.41	-1.917	3.42	-3.067	3.43	-3.678
44	3.44	-3.813	3.45	-3.948	3.46	-4.178	3.47	-4.539	3.48	-4.349	3.49	-4.159	3.50	-2.169	3.51	-1.909
45	3.52	-2.500	3.53	-2.510	3.54	-2.180	3.55	-1.810	3.56	-0.710	3.57	0.348	3.58	0.778	3.59	0.788
46	3.60	0.008	3.61	-1.011	3.62	-0.052	3.63	0.677	3.64	0.477	3.65	0.107	3.66	0.076	3.67	1.165
47	3.68	1.516	3.69	1.611	3.70	1.706	3.71	0.656	3.72	0.156	3.73	-0.454	3.74	-2.334	3.75	-3.114
48	3.76	-3.505	3.77	-3.835	3.78	-4.165	3.79	-5.125	3.80	-6.085	3.81	-6.466	3.82	-5.596	3.83	-5.626
49	3.84	-4.276	3.85	-3.361	3.86	-2.447	3.87	-1.727	3.88	-1.007	3.89	-0.622	3.90	-0.237	3.91	1.281
50	3.92	1.146	3.93	1.011	3.94	1.186	3.95	1.361	3.96	1.990	3.97	1.520	3.98	1.050	3.99	1.105
51	4.00	1.160	4.01	1.479	4.02	1.394	4.03	1.309	4.04	0.959	4.05	0.489	4.06	0.408	4.07	-0.021
52	4.08	-1.121	4.09	-2.161	4.10	-2.801	4.11	-2.902	4.12	-3.127	4.13	-3.352	4.14	-4.422	4.15	-5.083
53	4.16	-5.593	4.17	-5.293	4.18	-5.068	4.19	-4.843	4.20	-5.104	4.21	-5.464	4.22	-5.294	4.23	-4.764
54	4.24	-4.234	4.25	-1.675	4.26	-0.825	4.27	-0.165	4.28	-0.765	4.29	-1.056	4.30	-1.346	4.31	-1.651
55	4.32	-1.956	4.33	-1.356	4.34	-0.826	4.35	-0.700	4.36	-0.657	4.37	-1.757	4.38	-2.112	4.39	-2.467
56	4.40	-4.408	4.41	-2.458	4.42	-2.348	4.43	-2.070	4.44	-1.790	4.45	-1.470	4.46	-1.410	4.47	-1.089
57	4.48	-0.759	4.49	-0.409	4.50	0.509	4.51	1.399	4.52	0.159	4.53	0.075	4.54	-0.010	4.55	0.408
58	4.56	1.828	4.57	2.413	4.58	2.998	4.59	3.477	4.60	4.547	4.61	4.617	4.62	4.077	4.63	3.607
59	4.64	5.126	4.65	6.326	4.66	7.286	4.67	6.236	4.68	5.825	4.69	5.415	4.70	4.735	4.71	3.845
60	4.72	3.400	4.73	3.135	4.74	3.034	4.75	3.209	4.76	3.384	4.77	3.234	4.78	2.213	4.79	1.988
61	4.80	1.763	4.81	2.383	4.82	3.493	4.83	4.363	4.84	5.052	4.85	4.502	4.86	3.992	4.87	3.922
62	4.88	4.106	4.89	4.291	4.90	4.491	4.91	4.541	4.92	3.941	4.93	2.090	4.94	1.225	4.95	0.360
63	4.96	-1.649	4.97	-3.579	4.98	-5.300	4.99	-6.395	5.00	-7.490	5.01	-8.250	5.02	-8.530	5.03	-8.810
64	5.04	-9.111	5.05	-8.041	5.06	-6.181	5.07	-4.941	5.08	-4.291	5.09	-4.332	5.10	-2.522	5.11	-1.672
65	5.12	-0.852	5.13	0.226	5.14	1.054	5.15	2.750	5.16	4.615	5.17	6.115	5.18	7.125	5.19	7.885
66	5.20	9.715	5.21	10.635	5.22	11.695	5.23	13.074	5.24	14.545	5.25	16.075	5.26	17.625	5.27	19.175
67	5.28	8.693	5.29	7.623	5.30	6.758	5.31	5.893	5.32	5.108	5.33	4.322	5.34	3.872	5.35	3.422
68	5.36	2.972	5.37	2.396	5.38	1.621	5.39	1.141	5.40	-1.758	5.41	-3.278	5.42	-4.298	5.43	-5.069
69	5.44	-6.224	5.45	-6.579	5.46	-6.359	5.47	-6.689	5.48	-9.020	5.49	-9.325	5.50	-9.630	5.51	-10.110
70	5.52	-10.341	5.53	-10.271	5.54	-9.671	5.55	-8.821	5.56	-7.871	5.57	-6.921	5.58	-6.071	5.59	-5.221
71	5.60	1.987	5.61	2.582	5.62	3.177	5.63	3.936	5.64	4.906	5.65	5.286	5.66	6.016	5.67	6.815
72	5.68	7.235	5.69	7.005	5.70	6.345	5.71	6.284	5.72	6.484	5.73	5.224	5.74	4.214	5.75	3.624
73	5.76	4.983	5.77	5.593	5.78	4.943	5.79	2.693	5.80	-1.056	5.81	-4.067	5.82	-5.117	5.83	-5.577
74	5.84	-5.557	5.85	-5.447	5.86	-5.453	5.87	-5.458	5.88	-3.878	5.89	-2.338	5.90	0.911	5.91	3.050
75	5.92	5.560	5													

127	10.08	-14.144	10.09	-14.724	10.10	-14.304	10.11	-11.160	10.12	-7.935	10.13	-4.555	10.14	-3.335	10.15	-2.090
128	10.16	-0.846	10.17	1.913	10.18	2.778	10.19	3.643	10.20	5.402	10.21	7.752	10.22	6.517	10.23	9.282
129	10.24	-10.072	10.25	9.071	10.26	11.241	10.27	12.611	10.28	12.011	10.29	12.081	10.30	10.691	10.31	9.450
130	10.32	-7.950	10.33	6.930	10.34	4.980	10.35	2.739	10.36	2.289	10.37	2.059	10.38	1.829	10.39	0.509
131	10.40	-1.421	10.41	-2.041	10.42	-3.641	10.43	-3.691	10.44	-3.841	10.45	-5.472	10.46	-6.172	10.47	-10.872
132	10.48	-13.123	10.49	-13.123	10.50	-13.123	10.51	-13.123	10.52	-13.123	10.53	-13.123	10.54	-13.123	10.55	-13.123
133	10.56	-15.414	10.57	-13.054	10.58	-6.936	10.59	-4.006	10.60	-2.274	10.61	-0.805	10.62	-0.774	10.63	-0.774
134	10.64	-11.095	10.65	-9.646	10.66	-8.202	10.67	-6.211	10.68	-4.061	10.69	-2.240	10.70	-1.415	10.71	-0.610
135	10.72	-7.652	10.73	-6.048	10.74	-4.030	10.75	-2.158	10.76	-1.359	10.77	-0.828	10.78	-0.458	10.79	-0.207
136	10.80	-0.819	10.81	2.230	10.82	0.240	10.83	1.183	10.84	1.969	10.85	2.620	10.86	3.059	10.87	3.391
137	10.88	0.919	10.89	1.837	10.90	1.837	10.91	1.837	10.92	1.837	10.93	1.837	10.94	1.837	10.95	1.837
138	10.96	11.427	10.97	11.837	10.98	11.510	10.99	11.183	11.00	10.856	11.01	10.529	11.02	10.202	11.03	9.875
139	11.04	10.080	11.05	9.912	11.06	9.735	11.07	9.558	11.08	9.381	11.09	9.204	11.10	9.027	11.11	8.850
140	11.12	10.244	11.13	9.354	11.14	11.092	11.15	11.730	11.16	13.368	11.17	12.503	11.18	12.392	11.19	12.142
141	11.20	12.742	11.21	11.992	11.22	11.092	11.23	12.141	11.24	12.311	11.25	10.281	11.26	8.251	11.27	5.591
142	11.28	3.610	11.29	1.910	11.30	-0.479	11.31	-2.309	11.32	-4.239	11.33	-6.169	11.34	-8.099	11.35	-10.029
143	11.36	-8.690	11.37	-6.621	11.38	-4.551	11.39	-2.481	11.40	-0.411	11.41	1.659	11.42	3.589	11.43	5.519
144	11.44	-8.642	11.45	-6.832	11.46	-5.022	11.47	-3.212	11.48	-1.402	11.49	0.408	11.50	2.298	11.51	4.188
145	11.52	-7.974	11.53	-6.654	11.54	-5.334	11.55	-4.014	11.56	-2.694	11.57	-1.374	11.58	-0.054	11.59	1.266
146	11.60	-9.655	11.61	-8.335	11.62	-7.015	11.63	-5.695	11.64	-4.375	11.65	-3.055	11.66	-1.735	11.67	-0.415
147	11.68	-5.987	11.69	-4.667	11.70	-3.347	11.71	-2.027	11.72	-0.707	11.73	0.613	11.74	1.933	11.75	3.253
148	11.76	5.581	11.77	5.930	11.78	6.279	11.79	6.628	11.80	6.977	11.81	7.326	11.82	7.675	11.83	8.024
149	11.84	5.099	11.85	5.319	11.86	5.539	11.87	5.759	11.88	5.979	11.89	6.199	11.90	6.419	11.91	6.639
150	11.92	-2.422	11.93	-2.562	11.94	-2.702	11.95	-2.842	11.96	-2.982	11.97	-3.122	11.98	-3.262	11.99	-3.402
151	12.00	4.246	12.01	5.535	12.02	5.815	12.03	6.095	12.04	6.375	12.05	6.655	12.06	6.935	12.07	7.215
152	12.08	7.644	12.09	6.724	12.10	4.284	12.11	2.043	12.12	0.723	12.13	-0.597	12.14	-1.917	12.15	-3.237
153	12.16	-3.137	12.17	-4.367	12.18	-5.597	12.19	-6.827	12.20	-8.057	12.21	-9.287	12.22	-10.517	12.23	-11.747
154	12.24	-13.478	12.25	-11.919	12.26	-8.719	12.27	-6.149	12.28	-3.579	12.29	-1.009	12.30	1.561	12.31	3.001
155	12.32	-3.060	12.33	2.409	12.34	2.409	12.35	3.333	12.36	4.257	12.37	5.181	12.38	6.105	12.39	7.029
156	12.40	3.417	12.41	3.307	12.42	2.317	12.43	1.447	12.44	0.577	12.45	-0.293	12.46	-1.217	12.47	-2.141
157	12.48	1.546	12.49	2.176	12.50	3.366	12.51	4.556	12.52	5.746	12.53	6.936	12.54	8.126	12.55	9.316
158	12.56	1.546	12.57	4.614	12.58	3.224	12.59	2.214	12.60	1.104	12.61	0.094	12.62	-0.916	12.63	-1.926
159	12.64	-1.937	12.65	-2.007	12.66	-0.707	12.67	0.572	12.68	1.102	12.69	1.626	12.70	2.150	12.71	2.674
160	12.72	-1.688	12.73	-1.238	12.74	-0.188	12.75	0.862	12.76	1.610	12.77	2.358	12.78	3.106	12.79	3.854
161	12.80	6.759	12.81	6.769	12.82	7.749	12.83	8.793	12.84	9.837	12.85	10.881	12.86	11.925	12.87	12.969
162	12.88	13.058	12.89	10.177	12.90	7.617	12.91	5.587	12.92	3.557	12.93	1.527	12.94	-0.503	12.95	-2.523
163	12.96	-5.013	12.97	-6.220	12.98	-7.427	12.99	-8.634	13.00	-9.841	13.01	-11.048	13.02	-12.255	13.03	-13.462
164	13.04	-11.585	13.05	-11.925	13.06	-12.245	13.07	-12.575	13.08	-12.905	13.09	-13.235	13.10	-13.565	13.11	-13.895
165	13.12	-8.916	13.13	-7.467	13.14	-6.018	13.15	-4.569	13.16	-3.120	13.17	-1.671	13.18	-0.222	13.19	1.227
166	13.20	4.141	13.21	3.806	13.22	3.471	13.23	3.136	13.24	2.801	13.25	2.466	13.26	2.131	13.27	1.796
167	13.28	-1.509	13.29	-2.320	13.30	-3.131	13.31	-3.942	13.32	-4.753	13.33	-5.564	13.34	-6.375	13.35	-7.186
168	13.36	-4.601	13.37	-4.711	13.38	-4.821	13.39	-4.931	13.40	-5.041	13.41	-5.151	13.42	-5.261	13.43	-5.371
169	13.44	-3.776	13.45	-4.336	13.46	-4.896	13.47	-5.456	13.48	-6.016	13.49	-6.576	13.50	-7.136	13.51	-7.696
170	13.52	-1.615	13.53	-2.125	13.54	-2.635	13.55	-3.145	13.56	-3.655	13.57	-4.165	13.58	-4.675	13.59	-5.185
171	13.60	2.723	13.61	1.608	13.62	0.493	13.63	-0.707	13.64	-1.917	13.65	-3.127	13.66	-4.337	13.67	-5.547
172	13.68	-6.513	13.69	-5.898	13.70	-5.283	13.71	-4.668	13.72	-4.053	13.73	-3.438	13.74	-2.823	13.75	-2.208
173	13.76	-4.389	13.77	-4.930	13.78	-5.471	13.79	-6.012	13.80	-6.553	13.81	-7.094	13.82	-7.635	13.83	-8.176
174	13.84	-1.661	13.85	-1.281	13.86	-0.901	13.87	-0.521	13.88	-0.141	13.89	0.239	13.90	0.619	13.91	0.999
175	13.92	-2.503	13.93	-1.683	13.94	-0.863	13.95	-0.043	13.96	0.777	13.97	1.607	13.98	2.437	13.99	3.267
176	14.00	3.525	14.01	2.585	14.02	1.645	14.03	0.705	14.04	-0.235	14.05	-1.155	14.06	-2.075	14.07	-2.995
177	14.08	7.273	14.09	6.098	14.10	4.923	14.11	3.748	14.12	2.573	14.13	1.398	14.14	0.223	14.15	-0.952
178	14.16	-0.518	14.17	-0.098	14.18	1.321	14.19	2.141	14.20	2.961	14.21	3.781	14.22	4.601	14.23	5.421
179	14.24	2.320	14.25	0.140	14.26	-1.580	14.27	-3.400	14.28	-5.220	14.29	-7.040	14.30	-8.860	14.31	-10.680
180	14.32	0.078	14.33	0.338	14.34	0.598	14.35	0.858	14.36	1.118	14.37	1.378	14.38	1.638	14.39	1.898
181	14.40	7.006	14.41	7.126	14.42	7.246	14.43	7.366	14.44	7.486	14.45	7.606	14.46	7.726	14.47	7.846
182	14.48	0.245	14.49	-1.604	14.50	-2.344	14.51	-3.084	14.52	-3.824	14.53	-4.564	14.54	-5.304	14.55	-6.044
183	14.56	-0.041	14.57	-0.026	14.58	-0.756	14.59	-1.506	14.60	-2.256	14.61	-3.006	14.62	-3.756	14.63	-4.506
184	14.64	-1.747	14.65	-0.658	14.66	0.432	14.67	1.521	14.68	2.610	14.69	3.699	14.70	4.788	14.71	5.877
185	14.72	3.770	14.73	1.560	14.74	-0.390	14.75	-1.810	14.76	-3.230	14.77	-4.650	14.78	-6.070	14.79	-7.490
186	14.80	-2.758	14.81	-0.998	14.82	-0.751	14.83	-1.071	14.84	-1.391	14.85	-1.711	14.86	-2.031	14.87	-2.351
187	14.88	-1.112	14.89	-0.483	14.90	-1.123	14.91	-2.073	14.92	-3.023	14.93	-3.973	14.94	-4.923	14.95	-5.873
188	14.96	-8.044	14.97	-8.784	14.98	-9.524	14.99	-10.264	15.00	-11.004	15.01	-11.744	15.02	-12.484	15.03	-13.224
189	15.04	-13.165	15.05	-11.915	15.06	-10.665	15.07	-9.415	15.08	-8.165	15.09	-6.915	15.10	-5.665	15.11	-4.415
190	15.12	6.162	15.13	6.245	15.14	6.328	15.15	6.411	15.16	6.494	15.17	6.577	15.18	6.660	15.19	6.743
191	15.20	7.240	15.21	6.850	15.22	7.150	15.23	7.649	15.24	8.148	15.25	8.647	15.26	9.146	15.27	9.645
192	15.28	4.088	15.29	2.338	15.30	-0.961	15.31	-2.991	15.32	-5.021	15.33	-7.051	15.34	-9.081	15.35	-11.111
193	15.36	-0.172	15.37	0.057	15.38	-1.713	15.39	-3.393	15.40	-5.073	15.41	-6.753	15.42	-8.433	15.43	-10.113
194	15.44	-8.114	15.45	-8.584	15.46	-9.054	15.47	-9.524	15.48	-9.994	15.49	-10.464	15.50	-10.934	15.51	-11.404
195	15.52	0.079	15.53	1.093	15.54	2.083	15.55	3.073	15.56	4.063	15.57	5.053	15.58	6.043	15.59	7.033
196	15.60	8.102	15.61	8.912	15.62	9.722	15.63	10.532	15.64	11.342	15.65	12.152	15.66	12.962	15.67	13.772
197	15.68	5.766	15.69	5.766	15.70	5.620	15.71	5.474	15.72	5.328	15.73	5.182	15.74	5.036	15.75	

253	20.16	1.248	20.17	1.900	20.18	2.510	20.19	3.298	20.20	4.027	20.21	4.757
254	20.24	1.517	20.25	2.267	20.26	3.076	20.27	3.866	20.28	4.626	20.29	5.380
255	20.32	2.555	20.33	3.645	20.34	4.795	20.35	5.915	20.36	7.015	20.37	8.095
256	20.40	0.165	20.41	1.188	20.42	2.213	20.43	3.243	20.44	4.278	20.45	5.318
257	20.48	0.165	20.49	1.188	20.50	2.213	20.51	3.243	20.52	4.278	20.53	5.318
258	20.56	2.610	20.57	3.700	20.58	4.790	20.59	5.880	20.60	6.970	20.61	8.060
259	20.64	5.550	20.65	6.640	20.66	7.730	20.67	8.820	20.68	9.910	20.69	11.000
260	20.72	7.402	20.73	8.492	20.74	9.582	20.75	10.672	20.76	11.762	20.77	12.852
261	20.80	3.429	20.81	4.519	20.82	5.609	20.83	6.699	20.84	7.789	20.85	8.879
262	20.88	0.085	20.89	1.175	20.90	2.265	20.91	3.355	20.92	4.445	20.93	5.535
263	20.96	6.012	20.97	7.102	20.98	8.192	20.99	9.282	21.00	10.372	21.01	11.462
264	21.04	4.860	21.05	5.950	21.06	7.040	21.07	8.130	21.08	9.220	21.09	10.310
265	21.12	4.299	21.13	5.389	21.14	6.479	21.15	7.569	21.16	8.659	21.17	9.749
266	21.20	3.402	21.21	4.492	21.22	5.582	21.23	6.672	21.24	7.762	21.25	8.852
267	21.28	5.693	21.29	6.783	21.30	7.873	21.31	8.963	21.32	10.053	21.33	11.143
268	21.36	1.215	21.37	2.305	21.38	3.395	21.39	4.485	21.40	5.575	21.41	6.665
269	21.44	5.142	21.45	6.232	21.46	7.322	21.47	8.412	21.48	9.502	21.49	10.592
270	21.52	6.031	21.53	7.121	21.54	8.211	21.55	9.301	21.56	10.391	21.57	11.481
271	21.60	4.239	21.61	5.329	21.62	6.419	21.63	7.509	21.64	8.599	21.65	9.689
272	21.68	2.692	21.69	3.782	21.70	4.872	21.71	5.962	21.72	7.052	21.73	8.142
273	21.76	3.385	21.77	4.475	21.78	5.565	21.79	6.655	21.80	7.745	21.81	8.835
274	21.84	1.935	21.85	3.025	21.86	4.115	21.87	5.205	21.88	6.295	21.89	7.385
275	21.92	3.100	21.93	4.190	21.94	5.280	21.95	6.370	21.96	7.460	21.97	8.550
276	22.00	1.011	22.01	2.101	22.02	3.191	22.03	4.281	22.04	5.371	22.05	6.461
277	22.08	0.449	22.09	1.539	22.10	2.629	22.11	3.719	22.12	4.809	22.13	5.899
278	22.16	0.631	22.17	1.721	22.18	2.811	22.19	3.901	22.20	4.991	22.21	6.081
279	22.24	5.143	22.25	6.233	22.26	7.323	22.27	8.413	22.28	9.503	22.29	10.593
280	22.32	0.155	22.33	1.245	22.34	2.335	22.35	3.425	22.36	4.515	22.37	5.605
281	22.40	1.807	22.41	2.897	22.42	3.987	22.43	5.077	22.44	6.167	22.45	7.257
282	22.48	0.521	22.49	1.611	22.50	2.701	22.51	3.791	22.52	4.881	22.53	5.971
283	22.56	1.319	22.57	2.409	22.58	3.499	22.59	4.589	22.60	5.679	22.61	6.769
284	22.64	4.191	22.65	5.281	22.66	6.371	22.67	7.461	22.68	8.551	22.69	9.641
285	22.72	5.453	22.73	6.543	22.74	7.633	22.75	8.723	22.76	9.813	22.77	10.903
286	22.80	3.185	22.81	4.275	22.82	5.365	22.83	6.455	22.84	7.545	22.85	8.635
287	22.88	0.226	22.89	1.316	22.90	2.406	22.91	3.496	22.92	4.586	22.93	5.676
288	22.96	2.893	22.97	3.983	22.98	5.073	22.99	6.163	23.00	7.253	23.01	8.343
289	23.04	1.700	23.05	2.790	23.06	3.880	23.07	4.970	23.08	6.060	23.09	7.150
290	23.12	7.698	23.13	8.788	23.14	9.878	23.15	10.968	23.16	12.058	23.17	13.148
291	23.20	0.096	23.21	1.186	23.22	2.276	23.23	3.366	23.24	4.456	23.25	5.546
292	23.28	0.095	23.29	1.185	23.30	2.275	23.31	3.365	23.32	4.455	23.33	5.545
293	23.36	0.095	23.37	1.185	23.38	2.275	23.39	3.365	23.40	4.455	23.41	5.545
294	23.44	0.588	23.45	1.678	23.46	2.768	23.47	3.858	23.48	4.948	23.49	6.038
295	23.52	1.340	23.53	2.430	23.54	3.520	23.55	4.610	23.56	5.700	23.57	6.790
296	23.60	2.465	23.61	3.555	23.62	4.645	23.63	5.735	23.64	6.825	23.65	7.915
297	23.68	2.560	23.69	3.650	23.70	4.740	23.71	5.830	23.72	6.920	23.73	8.010
298	23.76	2.144	23.77	3.234	23.78	4.324	23.79	5.414	23.80	6.504	23.81	7.594
299	23.84	6.456	23.85	7.546	23.86	8.636	23.87	9.726	23.88	10.816	23.89	11.906
300	23.92	1.158	23.93	2.248	23.94	3.338	23.95	4.428	23.96	5.518	23.97	6.608
301	24.00	2.015	24.01	3.105	24.02	4.195	24.03	5.285	24.04	6.375	24.05	7.465
302	24.08	0.678	24.09	1.768	24.10	2.858	24.11	3.948	24.12	5.038	24.13	6.128
303	24.16	0.082	24.17	1.172	24.18	2.262	24.19	3.352	24.20	4.442	24.21	5.532
304	24.24	0.680	24.25	1.770	24.26	2.860	24.27	3.950	24.28	5.040	24.29	6.130
305	24.32	1.653	24.33	2.743	24.34	3.833	24.35	4.923	24.36	6.013	24.37	7.103
306	24.40	1.842	24.41	2.932	24.42	4.022	24.43	5.112	24.44	6.202	24.45	7.292
307	24.48	3.569	24.49	4.659	24.50	5.749	24.51	6.839	24.52	7.929	24.53	9.019
308	24.56	1.236	24.57	2.326	24.58	3.416	24.59	4.506	24.60	5.596	24.61	6.686
309	24.64	1.512	24.65	2.602	24.66	3.692	24.67	4.782	24.68	5.872	24.69	6.962
310	24.72	6.874	24.73	7.964	24.74	9.054	24.75	10.144	24.76	11.234	24.77	12.324
311	24.80	3.486	24.81	4.576	24.82	5.666	24.83	6.756	24.84	7.846	24.85	8.936
312	24.88	2.252	24.89	3.342	24.90	4.432	24.91	5.522	24.92	6.612	24.93	7.702
313	24.96	0.889	24.97	1.979	24.98	3.069	24.99	4.159	25.00	5.249	25.01	6.339
314	25.04	1.344	25.05	2.434	25.06	3.524	25.07	4.614	25.08	5.704	25.09	6.794
315	25.12	0.747	25.13	1.837	25.14	2.927	25.15	4.017	25.16	5.107	25.17	6.197
316	25.20	0.251	25.21	1.341	25.22	2.431	25.23	3.521	25.24	4.611	25.25	5.701
317	25.28	3.145	25.29	4.235	25.30	5.325	25.31	6.415	25.32	7.505	25.33	8.595
318	25.36	4.367	25.37	5.457	25.38	6.547	25.39	7.637	25.40	8.727	25.41	9.817
319	25.44	0.399	25.45	1.489	25.46	2.579	25.47	3.669	25.48	4.759	25.49	5.849
320	25.52	1.703	25.53	2.793	25.54	3.883	25.55	4.973	25.56	6.063	25.57	7.153
321	25.60	0.677	25.61	1.767	25.62	2.857	25.63	3.947	25.64	5.037	25.65	6.127
322	25.68	2.375	25.69	3.465	25.70	4.555	25.71	5.645	25.72	6.735	25.73	7.825
323	25.76	4.105	25.77	5.195	25.78	6.285	25.79	7.375	25.80	8.465	25.81	9.555
324	25.84	2.307	25.85	3.397	25.86	4.487	25.87	5.577	25.88	6.667	25.89	7.757
325	25.92	1.454	25.93	2.544	25.94	3.634	25.95	4.724	25.96	5.814	25.97	6.904
326	26.00	5.399	26.01	6.489	26.02	7.579	26.03	8.669	26.04	9.759	26.05	10.849
327	26.08	5.777	26.09	6.867	26.10	7.957	26.11	9.047	26.12	10.137	26.13	11.227
328	26.16	1.443	26.17	2.533	26.18	3.623	26.19	4.713	26.20	5.803	26.21	6.893
329	26.24	3.765	26.25	4.855	26.26	5.945	26.27	7.035	26.28	8.125	26.29	9.215
330	26.32	2.227	26.33	3.317	26.34	4.407	26.35	5.497	26.36	6.587	26.37	7.677
331	26.40	3.864	26.41	4.954	26.42	6.044	26.43	7.134	26.44	8.224	26.45	9.314
332	26.48	0.639	26.49	1.729	26.50	2.819	26.51	3.909	26.52	4.999	26.53	6.089
333	26.56	1.262	26.57	2.352	26.58	3.442	26.59	4.532	26.60	5.622	26.61	6.712
334	26.64	2.136	26.65	3.226	26.66	4.316	26.67	5.406	26.68	6.496	26.69	7.586
335	26.72	1.505	26.73	2.595	26.74	3.685	26.75	4.775	26.76	5.865	26.77	6.955
336	26.80	0.787	26.81	1.877	26.82	2.967	26.83	4.057	26.84	5.147	26.85	6.237
337	26.88	0.748	26.89	1.838	26.90	2.928	26.91	4.018	26.92	5.108	26.93	6.198
338	26.96	3.059	26.97	4.149	26.98	5.239	26.99	6.329	27.00	7.419	27.01	8.509
339	27.04	0.318	27.05	1.408	27.06	2.498	27.07	3.588	27.08	4.678	27.09	5.768
340	27.12	2.903	27.13	3.993	27.14	5.083	27.15	6.173	27.16	7.263	27.17	8.353
341	27.20	1.434	27.21	2.524	27.22	3.614	27.23	4.704	27.24	5.794	27.25	6.884
342	27.28	3.648	27.29	4.738	27.30	5.828	27.31	6.918	27.32	8.008	27.33	9.098
343	27.36	0.128	27.37	1.218	27.38	2.308	27.39	3.398	27.40	4.488	27.41	5.578
344	27.44	3.075	27.45	4.165	27.46	5.255	27.47	6.345	27.48	7.435	27.49	8.525
345	27.52	3.781	27.53	4.871	27.54	5.961	27.55	7.051	27			

Digitized Accelerogram of Earthquake Record with Index Number E-41 (10-2-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	0.167	0.01	-0.931	0.02	-2.029	0.03	-1.750	0.04	-0.623	0.05	0.505	0.06	-0.091	0.07	-0.688
2	0.08	-1.284	0.09	-1.081	0.10	-2.477	0.11	-2.381	0.12	-3.357	0.13	-4.332	0.14	-3.368	0.15	-5.739
3	0.16	-5.624	0.17	-3.390	0.18	-1.157	0.19	1.077	0.20	0.886	0.21	0.694	0.22	1.175	0.23	1.294
4	0.24	0.580	0.25	-2.059	0.26	-4.699	0.27	-7.338	0.28	-7.765	0.29	-8.192	0.30	-8.192	0.31	-7.699
5	0.32	-8.171	0.33	-5.442	0.34	-2.713	0.35	0.816	0.36	2.745	0.37	3.475	0.38	3.456	0.39	4.176
6	0.40	6.711	0.41	6.788	0.42	5.675	0.43	4.562	0.44	4.884	0.45	5.206	0.46	4.659	0.47	4.112
7	0.48	3.545	0.49	4.138	0.50	4.712	0.51	5.285	0.52	5.218	0.53	4.662	0.54	3.951	0.55	3.241
8	0.56	3.410	0.57	3.578	0.58	2.743	0.59	-1.008	0.60	-1.074	0.61	-0.239	0.62	-1.027	0.63	-4.238
9	0.64	-7.448	0.65	-7.755	0.66	-5.965	0.67	-4.174	0.68	-3.858	0.69	-3.539	0.70	-2.118	0.71	-0.562
10	0.72	0.954	0.73	2.490	0.74	1.434	0.75	-1.125	0.76	-0.343	0.77	-0.245	0.78	-7.203	0.79	-7.059
11	0.80	-0.751	0.81	-6.833	0.82	-6.914	0.83	-3.710	0.84	-0.506	0.85	3.013	0.86	3.013	0.87	6.585
12	0.88	6.662	0.89	6.602	0.90	6.500	0.91	5.136	0.92	3.813	0.93	3.013	0.94	3.013	0.95	0.363
13	0.96	-2.588	0.97	-3.586	0.98	-4.085	0.99	-3.793	1.00	-3.502	1.01	-3.210	1.02	-2.499	1.03	-0.646
14	1.04	1.206	1.05	3.059	1.06	3.309	1.07	3.738	1.08	4.168	1.09	4.597	1.10	3.954	1.11	2.334
15	1.12	1.718	1.13	0.903	1.14	0.087	1.15	-0.128	1.16	-0.343	1.17	0.291	1.18	0.924	1.19	1.558
16	1.20	0.492	1.21	0.622	1.22	0.752	1.23	-0.187	1.24	-1.590	1.25	-2.994	1.26	-4.398	1.27	-5.801
17	1.28	-5.180	1.29	-4.840	1.30	-4.533	1.31	-4.139	1.32	-3.775	1.33	-2.248	1.34	-0.356	1.35	1.535
18	1.36	1.276	1.37	-0.210	1.38	-0.277	1.39	-1.120	1.40	-0.378	1.41	0.462	1.42	-0.603	1.43	-1.667
19	1.44	-0.190	1.45	1.270	1.46	1.904	1.47	4.553	1.48	5.268	1.49	5.470	1.50	5.515	1.51	7.570
20	1.52	7.474	1.53	6.841	1.54	5.068	1.55	5.268	1.56	5.470	1.57	5.672	1.58	3.685	1.59	1.699
21	1.60	-0.288	1.61	-1.295	1.62	-1.785	1.63	-2.437	1.64	-2.076	1.65	-1.716	1.66	-2.580	1.67	-3.443
22	1.68	-2.988	1.69	-2.534	1.70	-2.079	1.71	-1.147	1.72	-0.202	1.73	0.743	1.74	0.504	1.75	-0.321
23	1.76	-1.145	1.77	0.434	1.78	2.013	1.79	1.005	1.80	-0.002	1.81	0.449	1.82	0.960	1.83	-0.624
24	1.84	1.636	1.85	-0.827	1.86	-0.931	1.87	-0.259	1.88	0.413	1.89	0.308	1.90	0.203	1.91	0.098
25	1.92	-0.726	1.93	3.171	1.94	4.707	1.95	4.109	1.96	3.511	1.97	2.913	1.98	2.620	1.99	2.328
26	2.00	-0.948	2.01	-2.057	2.02	-4.592	2.03	-4.068	2.04	-3.195	2.05	-2.267	2.06	-1.544	2.07	-0.580
27	2.08	-4.586	2.09	-4.592	2.10	-4.592	2.11	-4.592	2.12	-4.592	2.13	-4.592	2.14	-4.592	2.15	-3.026
28	2.16	-3.472	2.17	-1.950	2.18	-0.429	2.19	-0.284	2.20	-0.284	2.21	-0.284	2.22	-0.284	2.23	3.185
29	2.24	4.248	2.25	3.259	2.26	3.615	2.27	2.344	2.28	1.072	2.29	0.823	2.30	-0.856	2.31	-2.535
30	2.32	-3.293	2.33	-2.976	2.34	-2.448	2.35	-1.752	2.36	-1.055	2.37	-0.666	2.38	-0.395	2.39	-1.185
31	2.40	5.944	2.41	5.003	2.42	4.063	2.43	3.123	2.44	2.182	2.45	-0.395	2.46	-2.971	2.47	-4.343
32	2.48	-5.716	2.49	-7.088	2.50	-8.590	2.51	-10.093	2.52	-10.601	2.53	-10.169	2.54	-9.544	2.55	-7.380
33	2.56	-5.217	2.57	-3.053	2.58	-2.304	2.59	-1.555	2.60	-0.806	2.61	-0.057	2.62	0.693	2.63	1.444
34	2.64	5.161	2.65	4.494	2.66	3.827	2.67	3.160	2.68	2.493	2.69	1.826	2.70	1.159	2.71	0.492
35	2.72	-1.425	2.73	-1.598	2.74	-1.771	2.75	-1.944	2.76	-2.117	2.77	-2.290	2.78	-2.463	2.79	-2.636
36	2.80	-0.136	2.81	0.939	2.82	1.564	2.83	2.189	2.84	2.814	2.85	3.439	2.86	4.064	2.87	4.689
37	2.88	6.692	2.89	6.692	2.90	5.408	2.91	4.283	2.92	3.158	2.93	2.033	2.94	0.908	2.95	-0.217
38	2.96	2.183	2.97	2.135	2.98	2.697	2.99	3.259	3.00	3.821	3.01	4.383	3.02	4.945	3.03	5.507
39	3.04	1.965	3.05	0.171	3.06	-1.623	3.07	-3.418	3.08	-5.213	3.09	-7.008	3.10	-8.803	3.11	-10.598
40	3.12	-2.706	3.13	-4.117	3.14	-5.528	3.15	-6.939	3.16	-8.350	3.17	-9.761	3.18	-11.172	3.19	-12.583
41	3.20	-4.556	3.21	-2.741	3.22	-0.926	3.23	1.550	3.24	3.073	3.25	4.596	3.26	6.119	3.27	7.642
42	3.28	6.960	3.29	5.725	3.30	4.490	3.31	3.255	3.32	2.020	3.33	0.785	3.34	-0.450	3.35	-1.675
43	3.36	-0.354	3.37	-0.239	3.38	-0.124	3.39	-0.009	3.40	0.106	3.41	0.221	3.42	0.336	3.43	0.451
44	3.44	-0.433	3.45	-0.262	3.46	-0.091	3.47	0.074	3.48	0.189	3.49	0.304	3.50	0.419	3.51	0.534
45	3.52	-1.775	3.53	-2.114	3.54	-2.453	3.55	-2.792	3.56	-3.131	3.57	-3.470	3.58	-3.809	3.59	-4.148
46	3.60	2.380	3.61	2.285	3.62	2.190	3.63	2.095	3.64	1.999	3.65	1.904	3.66	1.809	3.67	1.714
47	3.68	-0.553	3.69	-4.354	3.70	-4.450	3.71	-4.546	3.72	-4.642	3.73	-4.738	3.74	-4.834	3.75	-4.930
48	3.76	-4.102	3.77	-1.011	3.78	2.081	3.79	5.172	3.80	8.263	3.81	11.354	3.82	14.445	3.83	17.536
49	3.84	4.771	3.85	3.715	3.86	2.659	3.87	1.603	3.88	0.547	3.89	-0.509	3.90	-1.563	3.91	-2.617
50	3.92	-2.070	3.93	-1.945	3.94	-1.820	3.95	-1.695	3.96	-1.570	3.97	-1.445	3.98	-1.320	3.99	-1.195
51	4.00	1.254	4.01	2.714	4.02	4.173	4.03	5.632	4.04	7.091	4.05	8.550	4.06	10.009	4.07	11.468
52	4.08	7.036	4.09	6.556	4.10	6.076	4.11	5.596	4.12	5.116	4.13	4.636	4.14	4.156	4.15	3.676
53	4.16	-1.16	4.17	-0.908	4.18	-0.646	4.19	-0.384	4.20	-0.122	4.21	0.140	4.22	0.392	4.23	0.644
54	4.24	-0.723	4.25	-0.224	4.26	0.275	4.27	0.776	4.28	1.277	4.29	1.778	4.30	2.279	4.31	2.780
55	4.32	-7.104	4.33	-8.155	4.34	-9.206	4.35	-10.257	4.36	-11.308	4.37	-12.359	4.38	-13.410	4.39	-14.461
56	4.40	-4.737	4.41	-3.059	4.42	-1.381	4.43	0.297	4.44	1.973	4.45	3.649	4.46	5.325	4.47	6.999
57	4.48	-0.099	4.49	0.563	4.50	1.225	4.51	1.887	4.52	2.549	4.53	3.211	4.54	3.873	4.55	4.535
58	4.56	5.471	4.57	5.430	4.58	5.388	4.59	5.346	4.60	5.304	4.61	5.262	4.62	5.220	4.63	5.178
59	4.64	-2.272	4.65	-1.292	4.66	-0.313	4.67	-0.111	4.68	0.089	4.69	0.287	4.70	0.485	4.71	0.683
60	4.72	7.186	4.73	7.493	4.74	7.800	4.75	8.107	4.76	8.414	4.77	8.721	4.78	9.028	4.79	9.335
61	4.80	2.245	4.81	3.474	4.82	4.703	4.83	5.932	4.84	7.161	4.85	8.390	4.86	9.619	4.87	10.848
62	4.88	-2.599	4.89	-3.089	4.90	-3.579	4.91	-4.069	4.92	-4.559	4.93	-5.049	4.94	-5.539	4.95	-6.029
63	4.96	-9.835	4.97	-11.600	4.98	-13.365	4.99	-15.130	5.00	-16.895	5.01	-18.660	5.02	-20.425	5.03	-22.190
64	5.04	-6.826	5.05	-5.899	5.06	-4.972	5.07	-4.045	5.08	-3.118	5.09	-2.191	5.10	-1.264	5.11	-0.337
65	5.12	1.662	5.13	2.126	5.14	2.590	5.15	3.054	5.16	3.518	5.17	3.982	5.18	4.446	5.19	4.910
66	5.20	0.427	5.21	-0.393	5.22	-1.031	5.23	-1.669	5.24	-2.307	5.25	-2.945	5.26	-3.583	5.27	-4.221
67	5.28	-1.211	5.29	-0.183	5.30	1.114	5.31	2.405	5.32	3.696	5.33	4.987	5.34	6.278	5.35	7.569
68	5.36	-6.800	5.37	-6.036	5.38	-5.272	5.39	-4.508	5.40	-3.744	5.41	-2.980	5.42	-2.216	5.43	-1.452
69	5.44	-4.008	5.45	-2.985	5.46	-1.962	5.47	-0.939	5.48	0.084	5.49	1.107	5.50	2.130	5.51	3.153
70	5.52	1.798	5.53	3.663	5.54	5.528	5.55	7.393	5.56	9.258	5.57	11.123	5.58	12.988	5.59	14.853
71	5.60	2.946	5.61	0.338	5.62	-1.370	5.63	-3.061	5.64	-4.752	5.65	-6.443	5.66	-8.134	5.67	-9.825
72	5.68	-2.709	5.69	-3.720	5.70	-4.731	5.71	-5.742	5.72	-6.753	5.73	-7.764	5.74	-8.775	5.75	-9.786
73	5.76	1.658	5.77	3.463	5.78	5.268	5.79	7.073	5.80	8.878	5.81	10.683	5.82	12.488	5.83	14.293
74	5.84	7.076	5.85	7.259	5.86	7.442	5.87	7.608	5.88	7.774	5.89	7.939	5.90	8.105	5.91	8.270
75	5															

127	10.08	2.809	10.09	3.218	10.10	3.026	10.11	3.555	10.12	5.750	10.13	7.946	10.14	10.141	10.15	10.948
128	10.16	11.755	10.17	10.848	10.18	9.941	10.19	9.135	10.20	8.281	10.21	7.410	10.22	6.400	10.23	5.775
129	10.24	11.150	10.25	11.475	10.26	10.100	10.27	9.535	10.28	8.717	10.29	7.810	10.30	6.825	10.31	6.432
130	10.32	10.150	10.33	10.655	10.34	10.100	10.35	10.097	10.36	9.453	10.37	8.401	10.38	7.412	10.39	6.763
131	10.40	10.150	10.41	10.655	10.42	10.100	10.43	10.097	10.44	9.453	10.45	8.401	10.46	7.412	10.47	6.763
132	10.48	10.150	10.49	10.655	10.50	10.100	10.51	10.097	10.52	9.453	10.53	8.401	10.54	7.412	10.55	6.763
133	10.56	10.150	10.57	10.655	10.58	10.100	10.59	10.097	10.60	9.453	10.61	8.401	10.62	7.412	10.63	6.763
134	10.64	10.150	10.65	10.655	10.66	10.100	10.67	10.097	10.68	9.453	10.69	8.401	10.70	7.412	10.71	6.763
135	10.72	10.150	10.73	10.655	10.74	10.100	10.75	10.097	10.76	9.453	10.77	8.401	10.78	7.412	10.79	6.763
136	10.80	10.150	10.81	10.655	10.82	10.100	10.83	10.097	10.84	9.453	10.85	8.401	10.86	7.412	10.87	6.763
137	10.88	10.150	10.89	10.655	10.90	10.100	10.91	10.097	10.92	9.453	10.93	8.401	10.94	7.412	10.95	6.763
138	10.96	10.150	10.97	10.655	10.98	10.100	10.99	10.097	11.00	9.453	11.01	8.401	11.02	7.412	11.03	6.763
139	11.04	10.150	11.05	10.655	11.06	10.100	11.07	10.097	11.08	9.453	11.09	8.401	11.10	7.412	11.11	6.763
140	11.12	10.150	11.13	10.655	11.14	10.100	11.15	10.097	11.16	9.453	11.17	8.401	11.18	7.412	11.19	6.763
141	11.20	10.150	11.21	10.655	11.22	10.100	11.23	10.097	11.24	9.453	11.25	8.401	11.26	7.412	11.27	6.763
142	11.28	10.150	11.29	10.655	11.30	10.100	11.31	10.097	11.32	9.453	11.33	8.401	11.34	7.412	11.35	6.763
143	11.36	10.150	11.37	10.655	11.38	10.100	11.39	10.097	11.40	9.453	11.41	8.401	11.42	7.412	11.43	6.763
144	11.44	10.150	11.45	10.655	11.46	10.100	11.47	10.097	11.48	9.453	11.49	8.401	11.50	7.412	11.51	6.763
145	11.52	10.150	11.53	10.655	11.54	10.100	11.55	10.097	11.56	9.453	11.57	8.401	11.58	7.412	11.59	6.763
146	11.60	10.150	11.61	10.655	11.62	10.100	11.63	10.097	11.64	9.453	11.65	8.401	11.66	7.412	11.67	6.763
147	11.68	10.150	11.69	10.655	11.70	10.100	11.71	10.097	11.72	9.453	11.73	8.401	11.74	7.412	11.75	6.763
148	11.76	10.150	11.77	10.655	11.78	10.100	11.79	10.097	11.80	9.453	11.81	8.401	11.82	7.412	11.83	6.763
149	11.84	10.150	11.85	10.655	11.86	10.100	11.87	10.097	11.88	9.453	11.89	8.401	11.90	7.412	11.91	6.763
150	11.92	10.150	11.93	10.655	11.94	10.100	11.95	10.097	11.96	9.453	11.97	8.401	11.98	7.412	11.99	6.763
151	12.00	10.150	12.01	10.655	12.02	10.100	12.03	10.097	12.04	9.453	12.05	8.401	12.06	7.412	12.07	6.763
152	12.08	10.150	12.09	10.655	12.10	10.100	12.11	10.097	12.12	9.453	12.13	8.401	12.14	7.412	12.15	6.763
153	12.16	10.150	12.17	10.655	12.18	10.100	12.19	10.097	12.20	9.453	12.21	8.401	12.22	7.412	12.23	6.763
154	12.24	10.150	12.25	10.655	12.26	10.100	12.27	10.097	12.28	9.453	12.29	8.401	12.30	7.412	12.31	6.763
155	12.32	10.150	12.33	10.655	12.34	10.100	12.35	10.097	12.36	9.453	12.37	8.401	12.38	7.412	12.39	6.763
156	12.40	10.150	12.41	10.655	12.42	10.100	12.43	10.097	12.44	9.453	12.45	8.401	12.46	7.412	12.47	6.763
157	12.48	10.150	12.49	10.655	12.50	10.100	12.51	10.097	12.52	9.453	12.53	8.401	12.54	7.412	12.55	6.763
158	12.56	10.150	12.57	10.655	12.58	10.100	12.59	10.097	12.60	9.453	12.61	8.401	12.62	7.412	12.63	6.763
159	12.64	10.150	12.65	10.655	12.66	10.100	12.67	10.097	12.68	9.453	12.69	8.401	12.70	7.412	12.71	6.763
160	12.72	10.150	12.73	10.655	12.74	10.100	12.75	10.097	12.76	9.453	12.77	8.401	12.78	7.412	12.79	6.763
161	12.80	10.150	12.81	10.655	12.82	10.100	12.83	10.097	12.84	9.453	12.85	8.401	12.86	7.412	12.87	6.763
162	12.88	10.150	12.89	10.655	12.90	10.100	12.91	10.097	12.92	9.453	12.93	8.401	12.94	7.412	12.95	6.763
163	12.96	10.150	12.97	10.655	12.98	10.100	12.99	10.097	13.00	9.453	13.01	8.401	13.02	7.412	13.03	6.763
164	13.04	10.150	13.05	10.655	13.06	10.100	13.07	10.097	13.08	9.453	13.09	8.401	13.10	7.412	13.11	6.763
165	13.12	10.150	13.13	10.655	13.14	10.100	13.15	10.097	13.16	9.453	13.17	8.401	13.18	7.412	13.19	6.763
166	13.20	10.150	13.21	10.655	13.22	10.100	13.23	10.097	13.24	9.453	13.25	8.401	13.26	7.412	13.27	6.763
167	13.28	10.150	13.29	10.655	13.30	10.100	13.31	10.097	13.32	9.453	13.33	8.401	13.34	7.412	13.35	6.763
168	13.36	10.150	13.37	10.655	13.38	10.100	13.39	10.097	13.40	9.453	13.41	8.401	13.42	7.412	13.43	6.763
169	13.44	10.150	13.45	10.655	13.46	10.100	13.47	10.097	13.48	9.453	13.49	8.401	13.50	7.412	13.51	6.763
170	13.52	10.150	13.53	10.655	13.54	10.100	13.55	10.097	13.56	9.453	13.57	8.401	13.58	7.412	13.59	6.763
171	13.60	10.150	13.61	10.655	13.62	10.100	13.63	10.097	13.64	9.453	13.65	8.401	13.66	7.412	13.67	6.763
172	13.68	10.150	13.69	10.655	13.70	10.100	13.71	10.097	13.72	9.453	13.73	8.401	13.74	7.412	13.75	6.763
173	13.76	10.150	13.77	10.655	13.78	10.100	13.79	10.097	13.80	9.453	13.81	8.401	13.82	7.412	13.83	6.763
174	13.84	10.150	13.85	10.655	13.86	10.100	13.87	10.097	13.88	9.453	13.89	8.401	13.90	7.412	13.91	6.763
175	13.92	10.150	13.93	10.655	13.94	10.100	13.95	10.097	13.96	9.453	13.97	8.401	13.98	7.412	13.99	6.763
176	14.00	10.150	14.01	10.655	14.02	10.100	14.03	10.097	14.04	9.453	14.05	8.401	14.06	7.412	14.07	6.763
177	14.08	10.150	14.09	10.655	14.10	10.100	14.11	10.097	14.12	9.453	14.13	8.401	14.14	7.412	14.15	6.763
178	14.16	10.150	14.17	10.655	14.18	10.100	14.19	10.097	14.20	9.453	14.21	8.401	14.22	7.412	14.23	6.763
179	14.24	10.150	14.25	10.655	14.26	10.100	14.27	10.097	14.28	9.453	14.29	8.401	14.30	7.412	14.31	6.763
180	14.32	10.150	14.33	10.655	14.34	10.100	14.35	10.097	14.36	9.453	14.37	8.401	14.38	7.412	14.39	6.763
181	14.40	10.150	14.41	10.655	14.42	10.100	14.43	10.097	14.44	9.453	14.45	8.401	14.46	7.412	14.47	6.763
182	14.48	10.150	14.49	10.655	14.50	10.100	14.51	10.097	14.52	9.453	14.53	8.401	14.54	7.412	14.55	6.763
183	14.56	10.150	14.57	10.655	14.58	10.100	14.59	10.097	14.60	9.453	14.61	8.401	14.62	7.412	14.63	6.763
184	14.64	10.150	14.65	10.655	14.66	10.100	14.67	10.097	14.68	9.453	14.69	8.401	14.70	7.412	14.71	6.763
185	14.72	10.150	14.73	10.655	14.74	10.100	14.75	10.097	14.76	9.453	14.77	8.401	14.78	7.412	14.79	6.763
186	14.80	10.150	14.81	10.655	14.82	10.100	14.83	10.097	14.84	9.453	14.85	8.401	14.86	7.412	14.87	6.763
187	14.88	10.150	14.89	10.655	14.90	10.100	14.91	10.097	14.92	9.453	14.93	8.401	14.94	7.412	14.95	6.763
188	14.96	10.150	14.97	10.655	14.98	10.100	14.99	10.097	15.00	9.453	15.01	8.401	15.02	7.412	15.03	6.763
189	15.04	10.150	15.05	10.655	15.06	10.100	15.07	10.097	15.08	9.453	15.09	8.401	15.10	7.412	15.11	6.763
190	15.12	10.150	15.13	10.655	15.14	10.100	15.15	10.097	15.16	9.453	15.17	8.401	15.18	7.412	15.19	6.763
191	15.20	10.150	15.21	10.655	15.22	10.100	15.23	10.097	15.24	9.453	15.25	8.401	15.26	7.412	15.27	6.763
192	15.28	10.150	15.29	10.655	15.30	10.100	15.31	10.097	15.32	9.453	15.33	8.401	15.34	7.412	15.35	6.763
193	15.36	10.150	15.37	10.655	15.38	10.100	15.39	10.097	15.40	9.453	15.41	8.401	15.42	7.412	15.43	6.763
194	15.44	10.150	15.45	10.655	15.46	10.100	15.47	10.097	15.48	9.453	15.49	8.401	15.50	7.412	15.51	6.763
195	15.52	10.150	15.53	10.655	15.54	10.100	15.55	10.097	15.56	9.453	15.57	8.401	15.58	7.412	15.59	6.763
196	15.60	10.150	15.61	10.655	15.62	10.100	15.63	10.097	15.64	9.453	15.65	8.401	15.66	7		

253	20.16	-2.045	20.117	-1.075	20.18	-0.979	20.19	-0.140	20.20	0.698	20.21	1.537	20.22	1.782	20.23	2.027
254	20.24	-2.296	20.25	-1.081	20.26	-0.135	20.27	-1.350	20.28	-1.743	20.29	-1.551	20.30	-0.609	20.31	-1.987
255	20.32	-1.156	20.33	-1.660	20.34	-2.163	20.35	-1.332	20.36	-0.501	20.37	-0.971	20.38	-1.441	20.39	-1.306
256	20.40	-1.335	20.41	-0.456	20.42	0.422	20.43	0.499	20.44	1.898	20.45	3.296	20.46	4.695	20.47	5.387
257	20.48	6.078	20.49	6.223	20.50	6.108	20.51	5.964	20.52	5.849	20.53	4.509	20.54	3.168	20.55	1.828
258	20.56	0.369	20.57	-0.023	20.58	0.188	20.59	0.900	20.60	1.792	20.61	2.032	20.62	2.488	20.63	2.945
259	20.64	4.083	20.65	5.221	20.66	4.693	20.67	4.214	20.68	3.734	20.69	3.255	20.70	2.775	20.71	1.911
260	20.72	0.548	20.73	-2.005	20.74	-4.557	20.75	-4.605	20.76	-4.653	20.77	-4.700	20.78	-4.748	20.79	-5.707
261	20.80	-5.179	20.81	-3.991	20.82	-2.624	20.83	-3.108	20.84	-3.593	20.85	-3.545	20.86	-3.496	20.87	-3.918
262	20.88	-4.014	20.89	-3.975	20.90	-3.936	20.91	-4.137	20.92	-4.694	20.93	-5.231	20.94	-4.465	20.95	-3.549
263	20.96	-2.676	20.97	-1.512	20.98	-0.348	20.99	0.816	21.00	1.980	21.01	1.668	21.02	1.757	21.03	1.148
264	21.04	1.775	21.05	1.905	21.06	0.490	21.07	-0.925	21.08	-2.341	21.09	-3.756	21.10	-3.756	21.11	-5.186
265	21.12	-6.616	21.13	-5.944	21.14	-4.503	21.15	-3.063	21.16	-3.057	21.17	-3.052	21.18	-3.628	21.19	-3.068
266	21.20	-2.507	21.21	-1.947	21.22	-2.974	21.23	-4.389	21.24	-5.805	21.25	-6.241	21.26	-6.678	21.27	-6.366
267	21.28	-6.053	21.29	-6.033	21.30	-5.471	21.31	-4.909	21.32	-4.086	21.33	-3.264	21.34	-2.441	21.35	-1.519
268	21.36	-1.816	21.37	-2.114	21.38	-0.395	21.39	-0.500	21.40	-0.605	21.41	-0.711	21.42	-0.816	21.43	-0.921
269	21.44	-0.436	21.45	0.049	21.46	0.113	21.47	0.178	21.48	0.242	21.49	0.953	21.50	1.664	21.51	1.601
270	21.52	1.539	21.53	1.165	21.54	0.818	21.55	-0.330	21.56	-0.153	21.57	0.024	21.58	-0.225	21.59	-0.473
271	21.60	-0.722	21.61	-0.885	21.62	-1.005	21.63	-1.124	21.64	-1.028	21.65	-0.931	21.66	-1.392	21.67	-1.325
272	21.68	-1.257	21.69	-1.839	21.70	-2.421	21.71	-3.003	21.72	-3.319	21.73	-3.636	21.74	-3.947	21.75	-3.059
273	21.76	-1.964	21.77	-0.859	21.78	-0.782	21.79	-1.636	21.80	-2.049	21.81	-2.432	21.82	-2.931	21.83	-3.430
274	21.84	-3.929	21.85	-4.427	21.86	-4.926	21.87	-5.425	21.88	-5.924	21.89	-6.423	21.90	-5.495	21.91	-4.566
275	21.92	-3.638	21.93	-2.706	21.94	-1.122	21.95	0.462	21.96	1.633	21.97	3.093	21.98	3.262	21.99	3.074
276	22.00	2.931	22.01	3.162	22.02	2.884	22.03	0.469	22.04	-1.947	22.05	-4.362	22.06	-4.578	22.07	-4.793
277	22.08	-6.713	22.09	-6.741	22.10	-8.075	22.11	-8.565	22.12	-8.382	22.13	-7.527	22.14	-5.993	22.15	-4.459
278	22.16	-2.924	22.17	-1.390	22.18	0.144	22.19	0.944	22.20	1.745	22.21	2.545	22.22	3.345	22.23	4.146
279	22.24	4.946	22.25	3.321	22.26	1.696	22.27	0.071	22.28	-0.686	22.29	-1.511	22.30	-2.337	22.31	-3.162
280	22.32	-1.987	22.33	-3.590	22.34	-5.192	22.35	-3.035	22.36	-2.795	22.37	-1.912	22.38	-1.019	22.39	-2.634
281	22.40	-3.350	22.41	4.252	22.42	4.099	22.43	3.946	22.44	3.169	22.45	2.436	22.46	1.902	22.47	1.269
282	22.48	1.490	22.49	0.870	22.50	0.250	22.51	-0.370	22.52	-0.945	22.53	-1.520	22.54	-2.095	22.55	-2.670
283	22.56	1.422	22.57	2.262	22.58	2.406	22.59	2.195	22.60	1.521	22.61	0.848	22.62	0.174	22.63	-0.500
284	22.64	-0.970	22.65	-2.073	22.66	-3.177	22.67	-4.281	22.68	-5.384	22.69	-6.487	22.70	-7.590	22.71	-8.693
285	22.72	-7.658	22.73	-7.005	22.74	-5.497	22.75	-3.990	22.76	-2.482	22.77	-0.974	22.78	0.533	22.79	2.036
286	22.80	-1.501	22.81	-1.679	22.82	-1.856	22.83	-3.050	22.84	-4.245	22.85	-5.439	22.86	-6.634	22.87	-7.828
287	22.88	-5.804	22.89	-7.075	22.90	-8.346	22.91	-9.617	22.92	-10.888	22.93	-12.159	22.94	-13.430	22.95	-14.701
288	22.96	2.044	22.97	4.111	22.98	6.178	22.99	8.245	23.00	10.312	23.01	12.379	23.02	14.446	23.03	16.513
289	23.04	2.046	23.05	0.697	23.06	-1.112	23.07	-3.921	23.08	-6.730	23.09	-9.539	23.10	-12.348	23.11	-15.157
290	23.12	-1.757	23.13	-1.805	23.14	-1.219	23.15	-0.433	23.16	-1.425	23.17	-2.616	23.18	-3.807	23.19	-4.998
291	23.20	-2.897	23.21	-5.239	23.22	-7.581	23.23	-9.923	23.24	-12.265	23.25	-14.607	23.26	-16.949	23.27	-19.291
292	23.28	-7.038	23.29	-6.350	23.30	-4.130	23.31	-1.910	23.32	0.311	23.33	2.531	23.34	4.751	23.35	6.971
293	23.36	4.980	23.37	5.000	23.38	5.158	23.39	5.317	23.40	5.135	23.41	4.166	23.42	3.083	23.43	2.001
294	23.44	0.918	23.45	-0.165	23.46	-1.247	23.47	-2.330	23.48	-3.413	23.49	-4.496	23.50	-5.579	23.51	-6.662
295	23.52	-2.251	23.53	-2.903	23.54	-3.555	23.55	-4.207	23.56	-4.859	23.57	-5.511	23.58	-6.163	23.59	-6.815
296	23.60	-1.619	23.61	-2.134	23.62	-2.649	23.63	-3.164	23.64	-3.679	23.65	-4.194	23.66	-4.709	23.67	-5.224
297	23.68	-1.084	23.69	-2.052	23.70	-3.020	23.71	-3.988	23.72	-4.956	23.73	-5.924	23.74	-6.892	23.75	-7.860
298	23.76	-1.222	23.77	-0.358	23.78	0.727	23.79	1.810	23.80	2.893	23.81	3.976	23.82	5.059	23.83	6.142
299	23.84	-1.566	23.85	-0.747	23.86	0.072	23.87	0.891	23.88	1.709	23.89	2.528	23.90	3.347	23.91	4.166
300	23.92	3.672	23.93	3.170	23.94	3.582	23.95	3.117	23.96	2.652	23.97	2.186	23.98	1.721	23.99	1.256
301	24.00	0.791	24.01	1.300	24.02	0.872	24.03	0.443	24.04	0.015	24.05	0.421	24.06	0.827	24.07	1.233
302	24.08	1.024	24.09	0.928	24.10	0.833	24.11	1.481	24.12	2.130	24.13	2.687	24.14	3.244	24.15	3.801
303	24.16	5.050	24.17	5.031	24.18	4.551	24.19	3.851	24.20	2.976	24.21	2.132	24.22	1.227	24.23	0.352
304	24.24	-0.522	24.25	-1.397	24.26	-2.272	24.27	-3.147	24.28	-4.022	24.29	-4.897	24.30	-5.772	24.31	-6.647
305	24.32	-0.899	24.33	-1.303	24.34	-1.707	24.35	-2.111	24.36	-2.515	24.37	-2.919	24.38	-3.323	24.39	-3.727
306	24.40	0.758	24.41	0.951	24.42	0.951	24.43	0.702	24.44	0.453	24.45	0.204	24.46	0.377	24.47	0.550
307	24.48	0.725	24.49	-0.649	24.50	-2.021	24.51	-3.393	24.52	-4.765	24.53	-6.137	24.54	-7.509	24.55	-8.881
308	24.56	-1.449	24.57	-3.592	24.58	-5.735	24.59	-7.878	24.60	-10.021	24.61	-12.164	24.62	-14.307	24.63	-16.450
309	24.64	-2.879	24.65	-4.740	24.66	-6.601	24.67	-8.462	24.68	-10.323	24.69	-12.184	24.70	-14.045	24.71	-15.906
310	24.72	-3.244	24.73	-2.655	24.74	-2.066	24.75	-1.477	24.76	-0.888	24.77	-0.299	24.78	0.290	24.79	0.881
311	24.80	-0.387	24.81	0.374	24.82	1.134	24.83	1.895	24.84	2.655	24.85	3.416	24.86	4.177	24.87	4.938
312	24.88	5.567	24.89	5.664	24.90	4.848	24.91	4.033	24.92	3.217	24.93	2.402	24.94	1.587	24.95	0.772
313	24.96	-1.033	24.97	-0.889	24.98	-0.342	24.99	0.205	25.00	0.748	25.01	1.291	25.02	1.834	25.03	2.377
314	25.04	0.462	25.05	1.388	25.06	2.314	25.07	3.240	25.08	4.166	25.09	5.092	25.10	6.018	25.11	6.944
315	25.12	3.369	25.13	4.195	25.14	5.021	25.15	5.847	25.16	6.673	25.17	7.499	25.18	8.325	25.19	9.151
316	25.20	0.888	25.21	0.329	25.22	0.253	25.23	0.704	25.24	1.155	25.25	1.606	25.26	2.057	25.27	2.508
317	25.28	3.172	25.29	4.457	25.30	5.742	25.31	7.027	25.32	8.312	25.33	9.597	25.34	10.882	25.35	12.167
318	25.36	4.491	25.37	3.500	25.38	2.509	25.39	1.518	25.40	0.527	25.41	-0.464	25.42	-1.455	25.43	-2.446
319	25.44	2.076	25.45	2.966	25.46	3.856	25.47	4.746	25.48	5.636	25.49	6.526	25.50	7.416	25.51	8.306
320	25.52	3.677	25.53	3.337	25.54	3.101	25.55	3.045	25.56	2.898	25.57	2.752	25.58	2.605	25.59	2.458
321	25.60	0.623	25.61	0.923	25.62	1.224	25.63	1.524	25.64	1.824	25.65	2.124	25.66	2.424	25.67	2.724
322	25.68	-1.890	25.69	-2.819	25.70	-3.748	25.71	-4.677	25.72	-5.606	25.73	-6.535	25.74	-7.464	25.75	-8.393
323	25.76	-5.438	25.77	-5.509	25.78	-5.580	25.79	-5.651	25.80	-5.722	25.81	-5.793	25.82	-5.864	25.83	-5.935
324	25.84	-3.044	25.85	-2.055												

Digitized Accelerogram of Earthquake Record with Index Number E-42 (10-3-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-17.665	0.01	-17.417	0.02	-17.170	0.03	-16.922	0.04	-16.674	0.05	-16.427	0.06	-16.179	0.07	-15.931
2	0.08	-16.144	0.09	-15.896	0.10	-15.648	0.11	-15.400	0.12	-15.152	0.13	-14.904	0.14	-14.656	0.15	-14.408
3	0.16	-14.168	0.17	-13.920	0.18	-13.672	0.19	-13.424	0.20	-13.176	0.21	-12.928	0.22	-12.680	0.23	-12.432
4	0.24	-12.184	0.25	-11.936	0.26	-11.688	0.27	-11.440	0.28	-11.192	0.29	-10.944	0.30	-10.696	0.31	-10.448
5	0.32	-10.200	0.33	-9.952	0.34	-9.704	0.35	-9.456	0.36	-9.208	0.37	-8.960	0.38	-8.712	0.39	-8.464
6	0.40	-8.216	0.41	-7.968	0.42	-7.720	0.43	-7.472	0.44	-7.224	0.45	-6.976	0.46	-6.728	0.47	-6.480
7	0.48	-6.232	0.49	-5.984	0.50	-5.736	0.51	-5.488	0.52	-5.240	0.53	-4.992	0.54	-4.744	0.55	-4.496
8	0.56	-4.248	0.57	-4.000	0.58	-3.752	0.59	-3.504	0.60	-3.256	0.61	-3.008	0.62	-2.760	0.63	-2.512
9	0.64	-2.264	0.65	-2.016	0.66	-1.768	0.67	-1.520	0.68	-1.272	0.69	-1.024	0.70	-0.776	0.71	-0.528
10	0.72	-0.240	0.73	-0.000	0.74	0.240	0.75	0.480	0.76	0.720	0.77	0.960	0.78	1.200	0.79	1.440
11	0.80	1.680	0.81	1.920	0.82	2.160	0.83	2.400	0.84	2.640	0.85	2.880	0.86	3.120	0.87	3.360
12	0.88	3.600	0.89	3.840	0.90	4.080	0.91	4.320	0.92	4.560	0.93	4.800	0.94	5.040	0.95	5.280
13	0.96	5.520	0.97	5.760	0.98	6.000	0.99	6.240	1.00	6.480	1.01	6.720	1.02	6.960	1.03	7.200
14	1.04	7.440	1.05	7.680	1.06	7.920	1.07	8.160	1.08	8.400	1.09	8.640	1.10	8.880	1.11	9.120
15	1.12	9.360	1.13	9.600	1.14	9.840	1.15	10.080	1.16	10.320	1.17	10.560	1.18	10.800	1.19	11.040
16	1.20	11.280	1.21	11.520	1.22	11.760	1.23	12.000	1.24	12.240	1.25	12.480	1.26	12.720	1.27	12.960
17	1.28	13.200	1.29	13.440	1.30	13.680	1.31	13.920	1.32	14.160	1.33	14.400	1.34	14.640	1.35	14.880
18	1.36	15.120	1.37	15.360	1.38	15.600	1.39	15.840	1.40	16.080	1.41	16.320	1.42	16.560	1.43	16.800
19	1.44	17.040	1.45	17.280	1.46	17.520	1.47	17.760	1.48	18.000	1.49	18.240	1.50	18.480	1.51	18.720
20	1.52	18.960	1.53	19.200	1.54	19.440	1.55	19.680	1.56	19.920	1.57	20.160	1.58	20.400	1.59	20.640
21	1.60	20.880	1.61	21.120	1.62	21.360	1.63	21.600	1.64	21.840	1.65	22.080	1.66	22.320	1.67	22.560
22	1.68	22.800	1.69	23.040	1.70	23.280	1.71	23.520	1.72	23.760	1.73	24.000	1.74	24.240	1.75	24.480
23	1.76	24.720	1.77	24.960	1.78	25.200	1.79	25.440	1.80	25.680	1.81	25.920	1.82	26.160	1.83	26.400
24	1.84	26.640	1.85	26.880	1.86	27.120	1.87	27.360	1.88	27.600	1.89	27.840	1.90	28.080	1.91	28.320
25	1.92	28.560	1.93	28.800	1.94	29.040	1.95	29.280	1.96	29.520	1.97	29.760	1.98	30.000	1.99	30.240
26	2.00	30.480	2.01	30.720	2.02	30.960	2.03	31.200	2.04	31.440	2.05	31.680	2.06	31.920	2.07	32.160
27	2.08	32.400	2.09	32.640	2.10	32.880	2.11	33.120	2.12	33.360	2.13	33.600	2.14	33.840	2.15	34.080
28	2.16	34.320	2.17	34.560	2.18	34.800	2.19	35.040	2.20	35.280	2.21	35.520	2.22	35.760	2.23	36.000
29	2.24	36.240	2.25	36.480	2.26	36.720	2.27	36.960	2.28	37.200	2.29	37.440	2.30	37.680	2.31	37.920
30	2.32	38.160	2.33	38.400	2.34	38.640	2.35	38.880	2.36	39.120	2.37	39.360	2.38	39.600	2.39	39.840
31	2.40	40.080	2.41	40.320	2.42	40.560	2.43	40.800	2.44	41.040	2.45	41.280	2.46	41.520	2.47	41.760
32	2.48	42.000	2.49	42.240	2.50	42.480	2.51	42.720	2.52	42.960	2.53	43.200	2.54	43.440	2.55	43.680
33	2.56	43.920	2.57	44.160	2.58	44.400	2.59	44.640	2.60	44.880	2.61	45.120	2.62	45.360	2.63	45.600
34	2.64	45.840	2.65	46.080	2.66	46.320	2.67	46.560	2.68	46.800	2.69	47.040	2.70	47.280	2.71	47.520
35	2.72	47.760	2.73	48.000	2.74	48.240	2.75	48.480	2.76	48.720	2.77	48.960	2.78	49.200	2.79	49.440
36	2.80	49.680	2.81	49.920	2.82	50.160	2.83	50.400	2.84	50.640	2.85	50.880	2.86	51.120	2.87	51.360
37	2.88	51.600	2.89	51.840	2.90	52.080	2.91	52.320	2.92	52.560	2.93	52.800	2.94	53.040	2.95	53.280
38	2.96	53.520	2.97	53.760	2.98	54.000	2.99	54.240	3.00	54.480	3.01	54.720	3.02	54.960	3.03	55.200
39	3.04	55.440	3.05	55.680	3.06	55.920	3.07	56.160	3.08	56.400	3.09	56.640	3.10	56.880	3.11	57.120
40	3.12	57.360	3.13	57.600	3.14	57.840	3.15	58.080	3.16	58.320	3.17	58.560	3.18	58.800	3.19	59.040
41	3.20	59.280	3.21	59.520	3.22	59.760	3.23	60.000	3.24	60.240	3.25	60.480	3.26	60.720	3.27	60.960
42	3.28	61.200	3.29	61.440	3.30	61.680	3.31	61.920	3.32	62.160	3.33	62.400	3.34	62.640	3.35	62.880
43	3.36	63.120	3.37	63.360	3.38	63.600	3.39	63.840	3.40	64.080	3.41	64.320	3.42	64.560	3.43	64.800
44	3.44	65.040	3.45	65.280	3.46	65.520	3.47	65.760	3.48	66.000	3.49	66.240	3.50	66.480	3.51	66.720
45	3.52	66.960	3.53	67.200	3.54	67.440	3.55	67.680	3.56	67.920	3.57	68.160	3.58	68.400	3.59	68.640
46	3.60	68.880	3.61	69.120	3.62	69.360	3.63	69.600	3.64	69.840	3.65	70.080	3.66	70.320	3.67	70.560
47	3.68	70.800	3.69	71.040	3.70	71.280	3.71	71.520	3.72	71.760	3.73	72.000	3.74	72.240	3.75	72.480
48	3.76	72.720	3.77	72.960	3.78	73.200	3.79	73.440	3.80	73.680	3.81	73.920	3.82	74.160	3.83	74.400
49	3.84	74.640	3.85	74.880	3.86	75.120	3.87	75.360	3.88	75.600	3.89	75.840	3.90	76.080	3.91	76.320
50	3.92	76.560	3.93	76.800	3.94	77.040	3.95	77.280	3.96	77.520	3.97	77.760	3.98	78.000	3.99	78.240
51	4.00	78.480	4.01	78.720	4.02	78.960	4.03	79.200	4.04	79.440	4.05	79.680	4.06	79.920	4.07	80.160
52	4.08	80.400	4.09	80.640	4.10	80.880	4.11	81.120	4.12	81.360	4.13	81.600	4.14	81.840	4.15	82.080
53	4.16	82.320	4.17	82.560	4.18	82.800	4.19	83.040	4.20	83.280	4.21	83.520	4.22	83.760	4.23	84.000
54	4.24	84.240	4.25	84.480	4.26	84.720	4.27	84.960	4.28	85.200	4.29	85.440	4.30	85.680	4.31	85.920
55	4.32	86.160	4.33	86.400	4.34	86.640	4.35	86.880	4.36	87.120	4.37	87.360	4.38	87.600	4.39	87.840
56	4.40	88.080	4.41	88.320	4.42	88.560	4.43	88.800	4.44	89.040	4.45	89.280	4.46	89.520	4.47	89.760
57	4.48	89.920	4.49	90.160	4.50	90.400	4.51	90.640	4.52	90.880	4.53	91.120	4.54	91.360	4.55	91.600
58	4.56	91.840	4.57	92.080	4.58	92.320	4.59	92.560	4.60	92.800	4.61	93.040	4.62	93.280	4.63	93.520
59	4.64	93.760	4.65	94.000	4.66	94.240	4.67	94.480	4.68	94.720	4.69	94.960	4.70	95.200	4.71	95.440
60	4.72	95.680	4.73	95.920	4.74	96.160	4.75	96.400	4.76	96.640	4.77	96.880	4.78	97.120	4.79	97.360
61	4.80	97.600	4.81	97.840	4.82	98.080	4.83	98.320	4.84	98.560	4.85	98.800	4.86	99.040	4.87	99.280
62	4.88	99.520	4.89	99.760	4.90	100.000	4.91	100.240	4.92	100.480	4.93	100.720	4.94	100.960	4.95	101.200
63	4.96	101.440	4.97	101.680	4.98	101.920	4.99	102.160	5.00	102.400	5.01	102.640	5.02	102.880	5.03	103.120
64	5.04	103.360	5.05	103.600	5.06	103.840	5.07	104.080	5.08	104.320	5.09	104.560	5.10	104.800	5.11	105.040
65	5.12	105.280	5.13	105.520	5.14	105.760	5.15	106.000	5.16	106.240	5.17	106.480	5.18	106.720	5.19	106.960
66	5.20	107.200	5.21	107.440	5.22	107.680	5.23	107.920	5.24	108.160	5.25	108.400	5.26	108.640	5.27	108.880
67	5.28	109.120	5.29	109.360	5.30	109.600	5.31	109.840	5.32	110.080	5.33	110.320	5.34	110.560	5.35	110.800
68	5.36	111.040	5.37	111.280	5.38	111.520	5.39	111.760	5.40	112.000	5.41	112.240	5.42	112.480	5.43	112.720
69	5.44	112.960	5.45	113.200	5.46	113.440	5.47	113.680	5.48	113.920	5.49	114.160	5.50	114.400	5.51	114.640
70	5.52	114.880	5.53	115.120	5.54	115.360	5.55	115.600	5.56	115.840	5.57	116.080	5.58	116.320	5.59	116.560
71	5.60	116.800	5.61	117.040	5.62	117.280	5.63	117.520	5.64	117.760	5.65	118.000	5.66	118		

127	10.08	-0.069	10.09	-0.159	10.10	0.214	10.11	-0.409	10.12	-0.078	10.13	0.198	10.14	2.749	10.15	5.308
128	10.16	7.867	10.17	7.642	10.18	7.416	10.19	7.193	10.20	6.969	10.21	6.744	10.22	6.519	10.23	6.294
129	10.24	5.947	10.25	2.705	10.26	-0.537	10.27	-2.469	10.28	-4.402	10.29	-6.334	10.30	-8.267	10.31	-10.200
130	10.32	-6.596	10.33	-3.210	10.34	0.160	10.35	3.530	10.36	6.910	10.37	6.372	10.38	5.834	10.39	5.296
131	10.40	2.265	10.41	4.568	10.42	6.870	10.43	9.172	10.44	11.474	10.45	13.776	10.46	16.078	10.47	18.380
132	10.48	-7.505	10.49	-10.559	10.50	-13.613	10.51	-16.667	10.52	-19.721	10.53	-22.775	10.54	-25.829	10.55	-28.883
133	10.56	6.869	10.57	4.817	10.58	0.645	10.59	5.021	10.60	9.397	10.61	13.773	10.62	18.149	10.63	22.525
134	10.64	4.827	10.65	4.817	10.66	0.645	10.67	5.021	10.68	9.397	10.69	13.773	10.70	18.149	10.71	22.525
135	10.72	-4.954	10.73	-6.505	10.74	-8.056	10.75	-9.607	10.76	-11.158	10.77	-12.709	10.78	-14.260	10.79	-15.811
136	10.80	-41.673	10.81	-44.840	10.82	-48.007	10.83	-51.174	10.84	-54.341	10.85	-57.508	10.86	-60.675	10.87	-63.842
137	10.88	-40.133	10.89	-48.005	10.90	-56.877	10.91	-65.749	10.92	-74.621	10.93	-83.493	10.94	-92.365	10.95	-101.237
138	10.96	-38.589	10.97	-37.979	10.98	-37.368	10.99	-36.758	11.00	-36.147	11.01	-35.537	11.02	-34.926	11.03	-34.316
139	11.04	-91.171	11.05	-91.946	11.06	-92.721	11.07	-93.496	11.08	-94.271	11.09	-95.046	11.10	-95.821	11.11	-96.596
140	11.12	41.659	11.13	74.260	11.14	106.861	11.15	139.462	11.16	172.063	11.17	204.664	11.18	237.265	11.19	269.866
141	11.20	111.909	11.21	65.657	11.22	15.384	11.23	6.298	11.24	4.745	11.25	7.013	11.26	21.017	11.27	35.021
142	11.28	37.507	11.29	39.352	11.30	36.726	11.31	49.739	11.32	82.753	11.33	115.769	11.34	148.785	11.35	181.801
143	11.36	1.507	11.37	33.006	11.38	49.739	11.39	82.753	11.40	115.769	11.41	148.785	11.42	181.801	11.43	214.817
144	11.44	-57.346	11.45	-65.900	11.46	-74.454	11.47	-83.008	11.48	-91.562	11.49	-100.116	11.50	-108.670	11.51	-117.224
145	11.52	-0.350	11.53	25.429	11.54	38.353	11.55	51.277	11.56	64.201	11.57	77.125	11.58	90.049	11.59	102.973
146	11.60	57.092	11.61	96.965	11.62	100.498	11.63	98.742	11.64	96.965	11.65	95.188	11.66	93.431	11.67	91.674
147	11.68	49.240	11.69	46.231	11.70	43.222	11.71	40.213	11.72	37.204	11.73	34.195	11.74	31.186	11.75	28.177
148	11.76	-2.957	11.77	-13.295	11.78	-23.633	11.79	-33.971	11.80	-44.309	11.81	-54.647	11.82	-64.985	11.83	-75.323
149	11.84	-44.714	11.85	-40.455	11.86	-36.196	11.87	-31.937	11.88	-27.678	11.89	-23.419	11.90	-19.160	11.91	-14.901
150	11.92	-0.479	11.93	-15.426	11.94	-30.373	11.95	-45.320	11.96	-60.267	11.97	-75.214	11.98	-90.161	11.99	-105.108
151	12.00	40.723	12.01	43.405	12.02	46.087	12.03	48.769	12.04	51.451	12.05	54.133	12.06	56.815	12.07	59.497
152	12.08	65.269	12.09	68.048	12.10	70.827	12.11	73.606	12.12	76.385	12.13	79.164	12.14	81.943	12.15	84.722
153	12.16	7.547	12.17	22.244	12.18	26.859	12.19	31.474	12.20	36.089	12.21	40.704	12.22	45.319	12.23	49.934
154	12.24	-34.743	12.25	-70.075	12.26	-105.407	12.27	-140.739	12.28	-176.071	12.29	-211.403	12.30	-246.735	12.31	-282.067
155	12.32	-23.629	12.33	-26.768	12.34	-29.907	12.35	-33.046	12.36	-36.185	12.37	-39.324	12.38	-42.463	12.39	-45.602
156	12.40	16.544	12.41	24.132	12.42	31.720	12.43	39.308	12.44	46.896	12.45	54.484	12.46	62.072	12.47	69.660
157	12.48	18.885	12.49	20.578	12.50	22.271	12.51	23.964	12.52	25.657	12.53	27.350	12.54	29.043	12.55	30.736
158	12.56	22.338	12.57	24.350	12.58	26.362	12.59	28.374	12.60	30.386	12.61	32.398	12.62	34.410	12.63	36.422
159	12.64	34.682	12.65	34.907	12.66	35.132	12.67	35.357	12.68	35.582	12.69	35.807	12.70	36.032	12.71	36.257
160	12.72	4.405	12.73	-0.171	12.74	-4.651	12.75	-9.131	12.76	-13.611	12.77	-18.091	12.78	-22.571	12.79	-27.051
161	12.80	-9.578	12.81	-17.364	12.82	-25.150	12.83	-32.936	12.84	-40.722	12.85	-48.508	12.86	-56.294	12.87	-64.080
162	12.88	-37.417	12.89	-42.765	12.90	-48.113	12.91	-53.461	12.92	-58.809	12.93	-64.157	12.94	-69.505	12.95	-74.853
163	12.96	-50.216	12.97	-44.687	12.98	-39.158	12.99	-33.629	13.00	-28.100	13.01	-22.571	13.02	-17.042	13.03	-11.513
164	13.04	-25.010	13.05	-17.447	13.06	-9.883	13.07	-2.319	13.08	5.244	13.09	12.779	13.10	20.314	13.11	27.849
165	13.12	26.331	13.13	22.933	13.14	19.535	13.15	16.137	13.16	12.739	13.17	9.341	13.18	5.943	13.19	2.545
166	13.20	16.555	13.21	16.701	13.22	21.081	13.23	25.611	13.24	30.141	13.25	34.671	13.26	39.201	13.27	43.731
167	13.28	32.500	13.29	37.112	13.30	41.724	13.31	46.336	13.32	50.948	13.33	55.560	13.34	60.172	13.35	64.784
168	13.36	80.014	13.37	67.585	13.38	55.151	13.39	42.720	13.40	30.289	13.41	17.858	13.42	5.427	13.43	-7.004
169	13.44	52.070	13.45	45.439	13.46	38.808	13.47	32.177	13.48	25.546	13.49	18.915	13.50	12.284	13.51	5.653
170	13.52	0.403	13.53	-0.069	13.54	-0.541	13.55	-1.012	13.56	-1.483	13.57	-1.954	13.58	-2.425	13.59	-2.896
171	13.60	26.818	13.61	29.887	13.62	32.956	13.63	36.025	13.64	39.094	13.65	42.163	13.66	45.232	13.67	48.301
172	13.68	9.347	13.69	9.185	13.70	11.486	13.71	13.787	13.72	16.088	13.73	18.389	13.74	20.690	13.75	22.991
173	13.76	-5.585	13.77	-17.683	13.78	-29.781	13.79	-41.879	13.80	-53.977	13.81	-66.075	13.82	-78.173	13.83	-90.271
174	13.84	-23.679	13.85	-26.690	13.86	-29.701	13.87	-32.712	13.88	-35.723	13.89	-38.734	13.90	-41.745	13.91	-44.756
175	13.92	-35.505	13.93	-36.063	13.94	-36.622	13.95	-37.181	13.96	-37.740	13.97	-38.299	13.98	-38.858	13.99	-39.417
176	14.00	-20.548	14.01	-21.520	14.02	-22.492	14.03	-23.464	14.04	-24.436	14.05	-25.408	14.06	-26.380	14.07	-27.352
177	14.08	-13.344	14.09	-17.204	14.10	-21.064	14.11	-24.924	14.12	-28.784	14.13	-32.644	14.14	-36.504	14.15	-40.364
178	14.16	-0.325	14.17	0.437	14.18	1.199	14.19	1.961	14.20	2.723	14.21	3.485	14.22	4.247	14.23	5.009
179	14.24	-15.043	14.25	-12.246	14.26	-9.449	14.27	-6.652	14.28	-3.855	14.29	-1.058	14.30	1.739	14.31	4.542
180	14.32	-3.087	14.33	-3.096	14.34	-3.105	14.35	-3.114	14.36	-3.123	14.37	-3.132	14.38	-3.141	14.39	-3.150
181	14.40	31.182	14.41	25.472	14.42	19.762	14.43	14.052	14.44	8.342	14.45	2.632	14.46	-3.078	14.47	-8.388
182	14.48	19.247	14.49	18.315	14.50	17.383	14.51	16.451	14.52	15.519	14.53	14.587	14.54	13.655	14.55	12.723
183	14.56	6.089	14.57	4.537	14.58	3.758	14.59	3.079	14.60	2.400	14.61	1.721	14.62	1.042	14.63	0.363
184	14.64	31.425	14.65	30.957	14.66	30.489	14.67	29.999	14.68	29.509	14.69	29.019	14.70	28.529	14.71	28.039
185	14.72	33.201	14.73	35.554	14.74	37.907	14.75	40.260	14.76	42.613	14.77	44.966	14.78	47.319	14.79	49.672
186	14.80	24.657	14.81	8.632	14.82	-7.393	14.83	-23.418	14.84	-39.443	14.85	-55.468	14.86	-71.493	14.87	-87.518
187	14.88	-23.150	14.89	-27.011	14.90	-31.871	14.91	-36.732	14.92	-41.593	14.93	-46.454	14.94	-51.315	14.95	-56.176
188	14.96	-43.059	14.97	-37.886	14.98	-32.713	14.99	-27.540	15.00	-22.367	15.01	-17.194	15.02	-12.021	15.03	-6.848
189	15.04	-25.303	15.05	-28.622	15.06	-31.941	15.07	-35.260	15.08	-38.579	15.09	-41.898	15.10	-45.217	15.11	-48.536
190	15.12	-8.588	15.13	-7.058	15.14	-5.528	15.15	-3.998	15.16	-2.468	15.17	-0.938	15.18	0.592	15.19	2.122
191	15.20	20.911	15.21	25.987	15.22	31.063	15.23	41.139	15.24	51.215	15.25	61.291	15.26	71.367	15.27	81.443
192	15.28	25.763	15.29	27.295	15.30	28.827	15.31	29.359	15.32	29.891	15.33	30.423	15.34	30.955	15.35	31.487
193	15.36	12.454	15.37	6.590	15.38	0.726	15.39	-5.138	15.40	-10.902	15.41	-16.666	15.42	-22.430	15.43	-28.194
194	15.44	6.832	15.45	-0.568	15.46	-7.969	15.47	-13.733	15.48	-19.497	15.49	-25.261	15.50	-31.025	15.51	-36.789
195	15.52	8.148	15.53	10.144	15.54	12.140	15.55	14.136	15.56	16.132	15.57	18.128	15.58	20.124</		

253	20.16	18.316	20.17	19.1383	20.18	8.749	20.19	-1.884	20.20	-12.518	20.21	-26.797	20.22	-41.075	20.23	-55.354
254	20.24	-37.672	20.25	-55.370	20.26	-34.669	20.27	-13.967	20.28	-10.745	20.29	-10.136	20.30	-6.950	20.31	-3.764
255	20.32	-0.577	20.33	2.609	20.34	2.706	20.35	13.075	20.36	3.141	20.37	3.318	20.38	3.495	20.39	6.411
256	20.40	13.328	20.41	13.243	20.42	13.159	20.43	13.075	20.44	12.990	20.45	12.905	20.46	12.820	20.47	12.735
257	20.48	20.575	20.49	10.489	20.50	15.965	20.51	13.442	20.52	10.918	20.53	13.214	20.54	7.766	20.55	2.317
258	20.56	-3.131	20.57	-4.376	20.58	1.67	20.59	4.846	20.60	-3.478	20.61	-15.548	20.62	-27.617	20.63	-39.687
259	20.64	-42.782	20.65	-30.943	20.66	-35.255	20.67	-31.566	20.68	-27.878	20.69	-24.189	20.70	-20.500	20.71	-16.811
260	20.72	-9.640	20.73	2.619	20.74	14.878	20.75	16.028	20.76	17.178	20.77	16.474	20.78	15.770	20.79	15.066
261	20.80	2.816	20.81	-7.816	20.82	-8.597	20.83	-8.374	20.84	-8.151	20.85	-3.543	20.86	-3.190	20.87	-2.838
262	20.88	-2.485	20.89	-0.492	20.90	1.502	20.91	3.495	20.92	4.557	20.93	5.011	20.94	5.082	20.95	5.153
263	20.96	-19.266	20.97	-27.359	20.98	-28.036	20.99	-28.713	21.00	-29.390	21.01	-30.067	21.02	-30.744	21.03	-31.421
264	21.04	-15.001	21.05	-1.406	21.06	-1.110	21.07	-3.964	21.08	-6.817	21.09	-19.301	21.10	-31.785	21.11	-44.269
265	21.12	-15.682	21.13	3.970	21.14	23.621	21.15	24.690	21.16	22.599	21.17	20.508	21.18	19.962	21.19	19.417
266	21.20	8.396	21.21	-2.624	21.22	-7.715	21.23	-7.723	21.24	-2.800	21.25	9.972	21.26	22.743	21.27	22.426
267	21.28	13.948	21.29	5.391	21.30	-3.166	21.31	-3.021	21.32	-2.077	21.33	0.505	21.34	3.887	21.35	12.155
268	21.36	20.423	21.37	20.692	21.38	30.960	21.39	30.951	21.40	36.942	21.41	39.709	21.42	44.473	21.43	45.230
269	21.44	43.680	21.45	39.516	21.46	30.320	21.47	21.124	21.48	11.928	21.49	8.745	21.50	5.563	21.51	2.380
270	21.52	-0.802	21.53	-3.985	21.54	-0.683	21.55	2.620	21.56	2.304	21.57	1.987	21.58	1.671	21.59	-0.569
271	21.60	-2.809	21.61	-8.132	21.62	-13.460	21.63	-19.014	21.64	-20.363	21.65	-21.034	21.66	-19.269	21.67	-17.504
272	21.68	-12.126	21.69	-3.051	21.70	-5.169	21.71	-13.076	21.72	-21.326	21.73	-29.576	21.74	-28.505	21.75	-25.435
273	21.76	-17.441	21.77	-9.848	21.78	-2.054	21.79	5.793	21.80	13.440	21.81	31.953	21.82	37.600	21.83	38.252
274	21.84	36.241	21.85	29.298	21.86	25.671	21.87	22.045	21.88	21.191	21.89	20.336	21.90	11.240	21.91	2.143
275	21.92	-6.953	21.93	-10.246	21.94	-13.538	21.95	-16.831	21.96	-27.623	21.97	-38.415	21.98	-38.572	21.99	-28.035
276	22.00	-17.493	22.01	-15.499	22.02	-15.976	22.03	-13.057	22.04	-10.137	22.05	-6.697	22.06	-7.692	22.07	-12.627
277	22.08	-20.489	22.09	-17.881	22.10	-6.189	22.11	-8.046	22.12	-13.365	22.13	-18.684	22.14	-18.692	22.15	-15.518
278	22.16	-12.345	22.17	-9.171	22.18	-9.490	22.19	-9.810	22.20	-10.129	22.21	-6.798	22.22	-3.468	22.23	-0.137
279	22.24	0.466	22.25	1.069	22.26	1.292	22.27	1.514	22.28	-1.618	22.29	-4.751	22.30	-7.883	22.31	-11.016
280	22.32	-14.168	22.33	-17.281	22.34	-20.413	22.35	-17.238	22.36	-14.052	22.37	-10.887	22.38	-14.054	22.39	-17.221
281	22.40	-20.368	22.41	-23.555	22.42	-21.254	22.43	-17.644	22.44	-14.034	22.45	-11.729	22.46	-9.425	22.47	-10.974
282	22.48	-13.298	22.49	-13.306	22.50	-6.231	22.51	4.382	22.52	6.071	22.53	7.760	22.54	10.137	22.55	12.515
283	22.56	13.736	22.57	3.409	22.58	-6.917	22.59	-17.244	22.60	-19.564	22.61	-10.988	22.62	-2.411	22.63	6.165
284	22.64	14.742	22.65	18.787	22.66	22.832	22.67	26.877	22.68	33.719	22.69	40.561	22.70	42.093	22.71	40.792
285	22.72	30.938	22.73	21.175	22.74	11.411	22.75	7.821	22.76	4.231	22.77	0.641	22.78	-2.949	22.79	-10.105
286	22.80	-17.442	22.81	-24.688	22.82	-27.934	22.83	-25.016	22.84	-22.097	22.85	-19.179	22.86	-20.808	22.87	-22.437
287	22.88	-19.674	22.89	-16.911	22.90	-14.148	22.91	-11.385	22.92	-11.243	22.93	-12.637	22.94	-14.030	22.95	-15.423
288	22.96	-17.201	22.97	-18.906	22.98	-20.532	22.99	-17.623	23.00	-17.399	23.01	-17.175	23.02	-17.182	23.03	-17.188
289	23.04	-15.118	23.05	-13.049	23.06	-10.979	23.07	-8.910	23.08	-12.000	23.09	-17.089	23.10	-22.179	23.11	-27.268
290	23.12	-28.975	23.13	-25.901	23.14	-18.135	23.15	-10.370	23.16	-10.915	23.17	-11.460	23.18	-10.855	23.19	-7.321
291	23.20	-3.787	23.21	-0.253	23.22	-3.963	23.23	-11.438	23.24	-18.913	23.25	-19.388	23.26	-14.277	23.27	-9.167
292	23.28	-4.056	23.29	1.055	23.30	0.406	23.31	-0.244	23.32	-0.893	23.33	-1.542	23.34	-2.192	23.35	-2.841
293	23.36	-2.387	23.37	-1.934	23.38	-1.481	23.39	-1.027	23.40	-3.346	23.41	-9.669	23.42	-16.921	23.43	-19.163
294	23.44	-21.404	23.45	-20.103	23.46	-18.802	23.47	-15.832	23.48	-12.861	23.49	-9.891	23.50	0.871	23.51	-0.290
295	23.52	-1.452	23.53	-2.193	23.54	-2.934	23.55	-3.675	23.56	-4.416	23.57	-3.153	23.58	-1.891	23.59	-0.628
296	23.60	0.634	23.61	0.622	23.62	-4.621	23.63	-10.638	23.64	-16.655	23.65	-16.430	23.66	-16.204	23.67	-11.594
297	23.68	-8.473	23.69	-5.352	23.70	-2.231	23.71	-1.698	23.72	-1.165	23.73	-0.538	23.74	-9.655	23.75	-18.751
298	23.76	-18.605	23.77	-15.232	23.78	-15.395	23.79	-15.557	23.80	-15.720	23.81	-15.882	23.82	-16.045	23.83	-15.821
299	23.84	-15.598	23.85	-16.969	23.86	-5.915	23.87	4.238	23.88	2.692	23.89	-2.976	23.90	-8.644	23.91	-14.313
300	23.92	-19.981	23.93	-19.605	23.94	-19.228	23.95	-16.388	23.96	-13.548	23.97	-10.708	23.98	-7.868	23.99	-14.350
301	24.00	-19.493	24.01	-24.637	24.02	-29.780	24.03	-35.230	24.04	-40.679	24.05	-46.129	24.06	-47.369	24.07	-41.991
302	24.08	-31.835	24.09	-21.679	24.10	-11.523	24.11	-1.367	24.12	3.703	24.13	4.851	24.14	6.000	24.15	2.448
303	24.16	-1.642	24.17	-5.732	24.18	-9.822	24.19	-13.912	24.20	-6.841	24.21	-3.770	24.22	1.301	24.23	0.522
304	24.24	-0.256	24.25	-0.111	24.26	0.034	24.27	-0.486	24.28	-1.007	24.29	-1.527	24.30	-3.385	24.31	-1.548
305	24.32	-0.327	24.33	-0.950	24.34	-1.572	24.35	-6.207	24.36	-9.296	24.37	-12.846	24.38	-14.851	24.39	-10.781
306	24.40	-6.710	24.41	-9.182	24.42	-11.654	24.43	-14.126	24.44	-11.833	24.45	-11.993	24.46	-12.154	24.47	-21.043
307	24.48	-29.933	24.49	-38.822	24.50	-34.367	24.51	-29.912	24.52	-24.837	24.53	-19.763	24.54	-18.000	24.55	-16.237
308	24.56	-20.715	24.57	-25.193	24.58	-28.283	24.59	-27.672	24.60	-27.061	24.61	-21.834	24.62	-16.608	24.63	-11.381
309	24.64	-11.469	24.65	-11.556	24.66	-12.338	24.67	-11.086	24.68	-11.279	24.69	-8.594	24.70	-5.968	24.71	-5.759
310	24.72	-6.540	24.73	-7.163	24.74	-7.785	24.75	-5.638	24.76	-3.490	24.77	-1.343	24.78	-3.316	24.79	-5.288
311	24.80	-7.260	24.81	-9.233	24.82	-7.393	24.83	1.372	24.84	10.137	24.85	11.206	24.86	9.736	24.87	8.266
312	24.88	7.330	24.89	9.170	24.90	11.010	24.91	12.850	24.92	14.690	24.93	16.677	24.94	15.668	24.95	14.659
313	24.96	11.571	24.97	11.175	24.98	10.779	24.99	9.847	25.00	8.914	25.01	7.988	25.02	-4.034	25.03	-24.838
314	25.04	-26.462	25.05	-28.085	25.06	-30.718	25.07	-32.264	25.08	-33.809	25.09	-36.134	25.10	-35.835	25.11	-29.375
315	25.12	-22.914	25.13	-16.454	25.14	-9.993	25.15	-3.533	25.16	-3.547	25.17	-4.328	25.18	-5.108	25.19	-5.116
316	25.20	-5.124	25.21	-2.826	25.22	1.042	25.23	4.909	25.24	8.776	25.25	12.644	25.26	16.512	25.27	20.379
317	25.28	11.785	25.29	3.191	25.30	-5.403	25.31	-13.997	25.32	-19.475	25.33	-24.952	25.34	-30.430	25.35	-35.907
318	25.36	-37.068	25.37	-38.229	25.38	-34.084	25.39	-29.421	25.40	-24.759	25.41	-20.096	25.42	-19.605	25.43	-19.113
319	25.44	-18.622	25.45	-18.131	25.46	-18.367	25.47	-18.604	25.48	-18.840						

Digitized Accelerogram of Earthquake Record with Index Number E-43 (10-3-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-11.121	0.01	-10.001	0.02	-8.882	0.03	-7.762	0.04	-6.642	0.05	-5.522	0.06	-4.402	0.07	-3.282
2	0.08	-2.162	0.09	-1.042	0.10	-0.922	0.11	-0.802	0.12	-0.682	0.13	-0.562	0.14	-0.442	0.15	-0.322
3	0.16	-0.202	0.17	-0.082	0.18	-0.162	0.19	-0.242	0.20	-0.322	0.21	-0.402	0.22	-0.482	0.23	-0.562
4	0.24	-0.642	0.25	-1.082	0.26	-1.522	0.27	-1.962	0.28	-2.402	0.29	-2.842	0.30	-3.282	0.31	-3.722
5	0.32	-4.162	0.33	-4.602	0.34	-5.042	0.35	-5.482	0.36	-5.922	0.37	-6.362	0.38	-6.802	0.39	-7.242
6	0.40	-7.682	0.41	-8.122	0.42	-8.562	0.43	-9.002	0.44	-9.442	0.45	-9.882	0.46	-10.322	0.47	-10.762
7	0.48	-11.202	0.49	-11.642	0.50	-12.082	0.51	-12.522	0.52	-12.962	0.53	-13.402	0.54	-13.842	0.55	-14.282
8	0.56	-14.722	0.57	-15.162	0.58	-15.602	0.59	-16.042	0.60	-16.482	0.61	-16.922	0.62	-17.362	0.63	-17.802
9	0.64	-18.242	0.65	-18.682	0.66	-19.122	0.67	-19.562	0.68	-20.002	0.69	-20.442	0.70	-20.882	0.71	-21.322
10	0.72	-21.762	0.73	-22.202	0.74	-22.642	0.75	-23.082	0.76	-23.522	0.77	-23.962	0.78	-24.402	0.79	-24.842
11	0.80	-25.282	0.81	-25.722	0.82	-26.162	0.83	-26.602	0.84	-27.042	0.85	-27.482	0.86	-27.922	0.87	-28.362
12	0.88	-28.802	0.89	-29.242	0.90	-29.682	0.91	-30.122	0.92	-30.562	0.93	-31.002	0.94	-31.442	0.95	-31.882
13	0.96	-32.302	0.97	-32.742	0.98	-33.182	0.99	-33.622	1.00	-34.062	1.01	-34.502	1.02	-34.942	1.03	-35.382
14	1.04	-35.822	1.05	-36.262	1.06	-36.702	1.07	-37.142	1.08	-37.582	1.09	-38.022	1.10	-38.462	1.11	-38.902
15	1.12	-39.342	1.13	-39.782	1.14	-40.222	1.15	-40.662	1.16	-41.102	1.17	-41.542	1.18	-41.982	1.19	-42.422
16	1.20	-42.842	1.21	-43.282	1.22	-43.722	1.23	-44.162	1.24	-44.602	1.25	-45.042	1.26	-45.482	1.27	-45.922
17	1.28	-46.342	1.29	-46.782	1.30	-47.222	1.31	-47.662	1.32	-48.102	1.33	-48.542	1.34	-48.982	1.35	-49.422
18	1.36	-49.842	1.37	-50.282	1.38	-50.722	1.39	-51.162	1.40	-51.602	1.41	-52.042	1.42	-52.482	1.43	-52.922
19	1.44	-53.342	1.45	-53.782	1.46	-54.222	1.47	-54.662	1.48	-55.102	1.49	-55.542	1.50	-55.982	1.51	-56.422
20	1.52	-56.842	1.53	-57.282	1.54	-57.722	1.55	-58.162	1.56	-58.602	1.57	-59.042	1.58	-59.482	1.59	-59.922
21	1.60	-60.342	1.61	-60.782	1.62	-61.222	1.63	-61.662	1.64	-62.102	1.65	-62.542	1.66	-62.982	1.67	-63.422
22	1.68	-63.842	1.69	-64.282	1.70	-64.722	1.71	-65.162	1.72	-65.602	1.73	-66.042	1.74	-66.482	1.75	-66.922
23	1.76	-67.342	1.77	-67.782	1.78	-68.222	1.79	-68.662	1.80	-69.102	1.81	-69.542	1.82	-69.982	1.83	-70.422
24	1.84	-70.842	1.85	-71.282	1.86	-71.722	1.87	-72.162	1.88	-72.602	1.89	-73.042	1.90	-73.482	1.91	-73.922
25	1.92	-74.342	1.93	-74.782	1.94	-75.222	1.95	-75.662	1.96	-76.102	1.97	-76.542	1.98	-76.982	1.99	-77.422
26	2.00	-77.842	2.01	-78.282	2.02	-78.722	2.03	-79.162	2.04	-79.602	2.05	-80.042	2.06	-80.482	2.07	-80.922
27	2.08	-81.342	2.09	-81.782	2.10	-82.222	2.11	-82.662	2.12	-83.102	2.13	-83.542	2.14	-83.982	2.15	-84.422
28	2.16	-84.842	2.17	-85.282	2.18	-85.722	2.19	-86.162	2.20	-86.602	2.21	-87.042	2.22	-87.482	2.23	-87.922
29	2.24	-88.342	2.25	-88.782	2.26	-89.222	2.27	-89.662	2.28	-90.102	2.29	-90.542	2.30	-90.982	2.31	-91.422
30	2.32	-91.842	2.33	-92.282	2.34	-92.722	2.35	-93.162	2.36	-93.602	2.37	-94.042	2.38	-94.482	2.39	-94.922
31	2.40	-95.342	2.41	-95.782	2.42	-96.222	2.43	-96.662	2.44	-97.102	2.45	-97.542	2.46	-97.982	2.47	-98.422
32	2.48	-98.842	2.49	-99.282	2.50	-99.722	2.51	-100.162	2.52	-100.602	2.53	-101.042	2.54	-101.482	2.55	-101.922
33	2.56	-102.342	2.57	-102.782	2.58	-103.222	2.59	-103.662	2.60	-104.102	2.61	-104.542	2.62	-104.982	2.63	-105.422
34	2.64	-105.842	2.65	-106.282	2.66	-106.722	2.67	-107.162	2.68	-107.602	2.69	-108.042	2.70	-108.482	2.71	-108.922
35	2.72	-109.342	2.73	-109.782	2.74	-110.222	2.75	-110.662	2.76	-111.102	2.77	-111.542	2.78	-111.982	2.79	-112.422
36	2.80	-112.842	2.81	-113.282	2.82	-113.722	2.83	-114.162	2.84	-114.602	2.85	-115.042	2.86	-115.482	2.87	-115.922
37	2.88	-116.342	2.89	-116.782	2.90	-117.222	2.91	-117.662	2.92	-118.102	2.93	-118.542	2.94	-118.982	2.95	-119.422
38	2.96	-119.842	2.97	-120.282	2.98	-120.722	2.99	-121.162	3.00	-121.602	3.01	-122.042	3.02	-122.482	3.03	-122.922
39	3.04	-123.342	3.05	-123.782	3.06	-124.222	3.07	-124.662	3.08	-125.102	3.09	-125.542	3.10	-125.982	3.11	-126.422
40	3.12	-126.842	3.13	-127.282	3.14	-127.722	3.15	-128.162	3.16	-128.602	3.17	-129.042	3.18	-129.482	3.19	-129.922
41	3.20	-130.342	3.21	-130.782	3.22	-131.222	3.23	-131.662	3.24	-132.102	3.25	-132.542	3.26	-132.982	3.27	-133.422
42	3.28	-133.842	3.29	-134.282	3.30	-134.722	3.31	-135.162	3.32	-135.602	3.33	-136.042	3.34	-136.482	3.35	-136.922
43	3.36	-137.342	3.37	-137.782	3.38	-138.222	3.39	-138.662	3.40	-139.102	3.41	-139.542	3.42	-139.982	3.43	-140.422
44	3.44	-140.842	3.45	-141.282	3.46	-141.722	3.47	-142.162	3.48	-142.602	3.49	-143.042	3.50	-143.482	3.51	-143.922
45	3.52	-144.342	3.53	-144.782	3.54	-145.222	3.55	-145.662	3.56	-146.102	3.57	-146.542	3.58	-146.982	3.59	-147.422
46	3.60	-147.842	3.61	-148.282	3.62	-148.722	3.63	-149.162	3.64	-149.602	3.65	-150.042	3.66	-150.482	3.67	-150.922
47	3.68	-151.342	3.69	-151.782	3.70	-152.222	3.71	-152.662	3.72	-153.102	3.73	-153.542	3.74	-153.982	3.75	-154.422
48	3.76	-154.842	3.77	-155.282	3.78	-155.722	3.79	-156.162	3.80	-156.602	3.81	-157.042	3.82	-157.482	3.83	-157.922
49	3.84	-158.342	3.85	-158.782	3.86	-159.222	3.87	-159.662	3.88	-160.102	3.89	-160.542	3.90	-160.982	3.91	-161.422
50	3.92	-161.842	3.93	-162.282	3.94	-162.722	3.95	-163.162	3.96	-163.602	3.97	-164.042	3.98	-164.482	3.99	-164.922
51	4.00	-165.342	4.01	-165.782	4.02	-166.222	4.03	-166.662	4.04	-167.102	4.05	-167.542	4.06	-167.982	4.07	-168.422
52	4.08	-168.842	4.09	-169.282	4.10	-169.722	4.11	-170.162	4.12	-170.602	4.13	-171.042	4.14	-171.482	4.15	-171.922
53	4.16	-172.342	4.17	-172.782	4.18	-173.222	4.19	-173.662	4.20	-174.102	4.21	-174.542	4.22	-174.982	4.23	-175.422
54	4.24	-175.842	4.25	-176.282	4.26	-176.722	4.27	-177.162	4.28	-177.602	4.29	-178.042	4.30	-178.482	4.31	-178.922
55	4.32	-179.342	4.33	-179.782	4.34	-180.222	4.35	-180.662	4.36	-181.102	4.37	-181.542	4.38	-181.982	4.39	-182.422
56	4.40	-182.842	4.41	-183.282	4.42	-183.722	4.43	-184.162	4.44	-184.602	4.45	-185.042	4.46	-185.482	4.47	-185.922
57	4.48	-186.342	4.49	-186.782	4.50	-187.222	4.51	-187.662	4.52	-188.102	4.53	-188.542	4.54	-188.982	4.55	-189.422
58	4.56	-189.842	4.57	-190.282	4.58	-190.722	4.59	-191.162	4.60	-191.602	4.61	-192.042	4.62	-192.482	4.63	-192.922
59	4.64	-193.342	4.65	-193.782	4.66	-194.222	4.67	-194.662	4.68	-195.102	4.69	-195.542	4.70	-195.982	4.71	-196.422
60	4.72	-196.842	4.73	-197.282	4.74	-197.722	4.75	-198.162	4.76	-198.602	4.77	-199.042	4.78	-199.482	4.79	-199.922
61	4.80	-200.342	4.81	-200.782	4.82	-201.222	4.83	-201.662	4.84	-202.102	4.85	-202.542	4.86	-202.982	4.87	-203.422
62	4.88	-203.842	4.89	-204.282	4.90	-204.722	4.91	-205.162	4.92	-205.602	4.93	-206.042	4.94	-206.482	4.95	-206.922
63	4.96	-207.342	4.97	-207.782	4.98	-208.222	4.99	-208.662	5.00	-209.102	5.01	-209.542	5.02	-209.982	5.03	-210.422
64	5.04	-210.842	5.05	-211.282	5.06	-211.722	5.07	-212.162	5.08	-212.602	5.09	-213.042	5.10	-213.482	5.11	-213.922
65	5.12	-214.342	5.13	-214.782	5.14	-215.222	5.15	-215.662	5.16	-216.102	5.17	-216.542	5.18	-216.982	5.19	-217.422
66	5.20	-217.842	5.21	-218.282	5.22	-218.722	5.23	-219.162	5.24	-219.602	5.25	-220.042	5.26	-220.482	5.27	-220.922
67	5.28	-221.342	5.29	-221.782	5.30	-222.222	5.31	-222.662	5.32	-223.102	5.33	-223.542	5.34	-223.982	5.35	-224.422
68	5.36	-224.842	5.37	-225.282	5.38	-225.722	5.39	-226.162	5.40	-226.602	5.41	-227.042	5.42	-227.482	5.43	-227.922
69	5.44	-228.342	5.45	-228.782	5.46	-229.222	5.47	-229.662	5.48	-230.102	5.49	-230.542	5.50	-230.982	5.51	-231.422
70	5.52	-231.842	5.53	-232.282												

127	10.08	44.993	10.09	3.771	10.10	12.535	10.11	14.368	10.12	11.743	10.13	9.116	10.14	3.070	10.15	-1.379
128	10.16	-1.078	10.17	2.604	10.18	6.287	10.19	0.884	10.20	-3.539	10.21	-7.963	10.22	-12.386	10.23	-11.015
129	10.32	-9.715	10.33	-0.416	10.34	2.845	10.35	2.725	10.36	8.295	10.37	13.866	10.38	15.393	10.39	15.462
130	10.40	-4.421	10.41	12.132	10.42	7.193	10.43	2.234	10.44	-2.085	10.45	-3.003	10.46	-3.321	10.47	-1.892
131	10.48	-1.041	10.49	-4.405	10.50	13.166	10.51	16.079	10.52	14.055	10.53	6.743	10.54	6.743	10.55	7.597
132	10.56	8.270	10.57	9.334	10.58	13.166	10.59	16.079	10.60	14.055	10.61	6.743	10.62	6.743	10.63	7.597
133	10.64	-4.181	10.65	44.845	10.66	23.372	10.67	25.187	10.68	26.844	10.69	28.525	10.70	32.952	10.71	36.595
134	10.72	40.228	10.73	43.061	10.74	45.624	10.75	47.386	10.76	49.683	10.77	53.517	10.78	57.433	10.79	61.349
135	10.80	64.576	10.81	78.039	10.82	91.592	10.83	95.034	10.84	97.332	10.85	99.630	10.86	101.619	10.87	103.607
136	10.88	104.571	10.89	102.514	10.90	91.256	10.91	82.929	10.92	56.086	10.93	49.420	10.94	41.931	10.95	30.755
137	10.96	19.578	10.97	-5.075	10.98	-29.727	10.99	-56.919	11.00	-84.112	11.01	-103.523	11.02	-122.935	11.03	-151.901
138	11.04	-168.236	11.05	-171.791	11.06	-174.727	11.07	-177.662	11.08	-180.450	11.09	-183.618	11.10	-204.492	11.11	-220.366
139	11.12	-234.062	11.13	-235.948	11.14	-237.796	11.15	-239.650	11.16	-241.502	11.17	-243.354	11.18	-245.206	11.19	-247.058
140	11.20	-60.308	11.21	-63.714	11.22	-64.802	11.23	-61.425	11.24	-53.270	11.25	-3.771	11.26	45.727	11.27	87.141
141	11.28	128.554	11.29	131.774	11.30	122.372	11.31	94.799	11.32	41.634	11.33	33.637	11.34	35.010	11.35	55.324
142	11.36	75.639	11.37	93.027	11.38	110.416	11.39	111.179	11.40	110.093	11.41	71.272	11.42	32.450	11.43	-6.371
143	11.44	-11.772	11.45	-11.472	11.46	-0.397	11.47	10.678	11.48	11.749	11.49	6.347	11.50	-0.901	11.51	-8.150
144	11.52	-7.698	11.53	-2.322	11.54	3.415	11.55	9.153	11.56	14.890	11.57	15.956	11.58	11.478	11.59	5.618
145	11.60	-0.242	11.61	-10.032	11.62	-19.822	11.63	-32.617	11.64	-45.412	11.65	-49.583	11.66	-46.969	11.67	-33.354
146	11.68	-19.738	11.69	-10.666	11.70	-17.443	11.71	-23.619	11.72	-34.333	11.73	-45.046	11.74	-45.207	11.75	-40.135
147	11.76	-20.935	11.77	-1.735	11.78	17.464	11.79	30.664	11.80	43.581	11.81	50.499	11.82	52.261	11.83	54.023
148	11.84	53.471	11.85	52.919	11.86	52.140	11.87	51.361	11.88	47.499	11.89	19.227	11.90	9.045	11.91	-37.318
149	11.92	-65.590	11.93	-71.915	11.94	-64.532	11.95	-16.742	11.96	-9.300	11.97	-12.749	11.98	46.336	11.99	79.114
150	12.00	109.267	12.01	90.938	12.02	71.516	12.03	44.093	12.04	16.671	12.05	6.653	12.06	45.042	12.07	7.706
151	12.08	14.060	12.09	20.413	12.10	26.767	12.11	28.554	12.12	30.341	12.13	32.128	12.14	34.202	12.15	37.758
152	12.16	50.876	12.17	52.093	12.18	49.391	12.19	46.689	12.20	19.725	12.21	-7.238	12.22	-34.202	12.23	-37.758
153	12.24	-32.070	12.25	-15.796	12.26	0.479	12.27	16.753	12.28	33.027	12.29	37.019	12.30	39.167	12.31	41.314
154	12.32	47.919	12.33	50.222	12.34	49.133	12.35	39.085	12.36	23.307	12.37	21.065	12.38	20.670	12.39	20.275
155	12.40	2.091	12.41	-16.093	12.42	-25.192	12.43	-24.123	12.44	-20.281	12.45	-4.239	12.46	11.803	12.47	27.645
156	12.48	43.687	12.49	42.435	12.50	30.942	12.51	24.914	12.52	8.887	12.53	-7.141	12.54	-23.169	12.55	-23.182
157	12.56	-22.497	12.57	-21.812	12.58	-16.742	12.59	-0.436	12.60	-0.436	12.61	6.327	12.62	17.090	12.63	18.083
158	12.64	19.077	12.65	18.756	12.66	4.728	12.67	-9.300	12.68	-12.084	12.69	-12.630	12.70	-13.175	12.71	-10.741
159	12.72	4.356	12.73	10.973	12.74	27.121	12.75	29.654	12.76	32.187	12.77	47.616	12.78	49.718	12.79	52.943
160	12.80	54.469	12.81	62.307	12.82	59.680	12.83	50.740	12.84	23.469	12.85	-3.001	12.86	-0.121	12.87	-6.588
161	12.88	3.459	12.89	13.507	12.90	23.554	12.91	24.008	12.92	22.458	12.93	7.739	12.94	-0.980	12.95	-13.150
162	12.96	-16.471	12.97	-19.793	12.98	-26.837	12.99	-33.881	13.00	-40.925	13.01	-47.172	13.02	-53.419	13.03	-56.045
163	13.04	-35.284	13.05	-34.976	13.06	-30.366	13.07	-29.605	13.08	-28.843	13.09	-29.185	13.10	-37.655	13.11	-38.434
164	13.12	-59.213	13.13	-30.754	13.14	-10.439	13.15	9.876	13.16	14.178	13.17	16.168	13.18	12.000	13.19	1.750
165	13.20	-8.500	13.21	-11.207	13.22	-13.915	13.23	-1.379	13.24	-7.316	13.25	3.221	13.26	13.758	13.27	17.597
166	13.28	16.048	13.29	6.471	13.30	5.471	13.31	1.379	13.32	-7.316	13.33	-7.113	13.34	-10.512	13.35	-12.371
167	13.36	-17.620	13.37	-14.552	13.38	-14.251	13.39	-2.907	13.40	6.453	13.41	-12.078	13.42	-13.447	13.43	-8.616
168	13.44	-12.168	13.45	-19.649	13.46	-27.130	13.47	-26.422	13.48	-29.714	13.49	-31.006	13.50	-35.103	13.51	-39.200
169	13.52	-36.975	13.53	-34.749	13.54	-25.680	13.55	-24.202	13.56	-22.725	13.57	-21.247	13.58	-19.770	13.59	-18.292
170	13.60	-16.815	13.61	-11.229	13.62	-5.642	13.63	-0.056	13.64	5.625	13.65	11.306	13.66	16.122	13.67	20.937
171	13.68	25.753	13.69	34.368	13.70	42.984	13.71	51.599	13.72	57.742	13.73	65.581	13.74	73.420	13.75	72.642
172	13.76	71.094	13.77	61.175	13.78	51.257	13.79	41.338	13.80	35.164	13.81	31.920	13.82	25.752	13.83	24.193
173	13.84	27.572	13.85	29.614	13.86	31.657	13.87	33.699	13.88	30.304	13.89	19.816	13.90	10.801	13.91	2.197
174	13.92	-8.500	13.93	-11.913	13.94	-11.920	13.95	-8.125	13.96	0.951	13.97	-9.225	13.98	-19.401	13.99	-22.188
175	14.00	-20.416	14.01	-18.044	14.02	-15.672	14.03	-6.471	14.04	8.153	14.05	7.776	14.06	7.000	14.07	-0.637
176	14.08	-8.273	14.09	-8.281	14.10	-0.901	14.11	6.179	14.12	17.849	14.13	20.147	14.14	20.147	14.15	22.446
177	14.16	24.744	14.17	25.497	14.18	20.262	14.19	33.870	14.20	39.478	14.21	40.698	14.22	36.931	14.23	32.915
178	14.24	28.839	14.25	24.763	14.26	20.687	14.27	16.611	14.28	15.824	14.29	13.964	14.30	10.182	14.31	6.399
179	14.32	-2.623	14.33	-11.644	14.34	-13.962	14.35	-13.449	14.36	-12.936	14.37	-12.422	14.38	-11.909	14.39	-11.396
180	14.40	-10.130	14.41	-9.264	14.42	-8.109	14.43	-7.133	14.44	-4.989	14.45	-2.845	14.46	-2.314	14.47	-1.784
181	14.48	-4.419	14.49	-5.629	14.50	-6.839	14.51	-6.006	14.52	-6.773	14.53	-3.934	14.54	-1.094	14.55	-0.649
182	14.56	-2.971	14.57	-6.061	14.58	-9.152	14.59	-10.708	14.60	-12.403	14.61	-2.092	14.62	6.586	14.63	11.080
183	14.64	15.575	14.65	15.720	14.66	6.898	14.67	1.675	14.68	0.126	14.69	3.508	14.70	15.582	14.71	27.656
184	14.72	17.474	14.73	31.183	14.74	35.478	14.75	45.708	14.76	55.938	14.77	66.167	14.78	76.397	14.79	83.471
185	14.80	65.459	14.81	73.124	14.82	69.005	14.83	64.846	14.84	62.935	14.85	61.381	14.86	56.591	14.87	46.878
186	14.88	31.878	14.89	16.878	14.90	1.078	14.91	-2.134	14.92	-2.615	14.93	-4.615	14.94	-7.615	14.95	-10.615
187	14.96	8.281	14.97	3.393	14.98	-1.494	14.99	-6.382	15.00	-8.558	15.01	-10.734	15.02	-10.363	15.03	-14.051
188	15.04	9.111	15.05	3.404	15.06	-2.303	15.07	-6.631	15.08	-9.027	15.09	-9.423	15.10	-5.045	15.11	-0.667
189	15.12	8.710	15.13	6.701	15.14	6.074	15.15	-3.792	15.16	-13.659	15.17	-13.052	15.18	-6.908	15.19	0.468
190	15.20	1.690	15.21	4.756	15.22	5.977	15.23	9.740	15.24	13.502	15.25	14.258	15.26	10.703	15.27	0.995
191	15.28	-15.031	15.29	-31.057	15.30	-33.685	15.31	-36.314	15.32	-38.942	15.33	-31.721	15.34	-13.947	15.35	3.827
192	15.36	6.899	15.37	8.117	15.38	9.151	15.39	7.886	15.40	7.311	15.41	1.142	15.42	-5.027	15.43	-5.342
193	15.44	-5.483	15.45	-8.143	15.46	-13.235	15.47	-21.851	15.48	-30.466	15.49	-39.081	15.50	-47.696	15.51	-56.311
194	15.52	-43.337	15.53	-25.861	15.54	-6.686	15.55	8.222	15.56	7.998	15.57	7.123	15.58	7.114	15.59	-2.135
195	15.60	-14.621	15.61	-27.107	15.62	-28.195	15.63	-20.725	15.64	-20.472	15.65	-15.509	15.66	-15.686	15.67	-15.686
196</																

253	20.16	17.944	20.17	19.170	20.10	16.079	20.19	11.089	20.20	6.098	20.21	1.108	20.22	-3.893	20.23	-8.073
254	20.24	-13.864	20.25	-9.566	20.26	-3.058	20.27	3.449	20.28	9.957	20.29	8.162	20.30	3.770	20.31	-4.837
255	20.32	-5.944	20.33	-12.888	20.34	-12.589	20.35	-3.026	20.36	4.737	20.37	13.480	20.38	16.317	20.39	-17.695
256	20.40	18.457	20.41	6.651	20.42	20.440	20.43	32.135	20.44	39.973	20.45	40.735	20.46	35.797	20.47	14.112
257	20.48	3.269	20.49	-3.491	20.50	20.420	20.51	34.189	20.52	35.720	20.53	36.017	20.54	30.307	20.55	24.289
258	20.56	14.962	20.57	5.636	20.58	-3.491	20.59	-13.017	20.60	-14.884	20.61	-15.190	20.62	8.250	20.63	21.689
259	20.64	35.129	20.65	46.352	20.66	50.197	20.67	53.605	20.68	56.862	20.69	59.843	20.70	62.511	20.71	3.784
260	20.72	-3.459	20.73	-2.852	20.74	5.140	20.75	13.132	20.76	24.859	20.77	34.985	20.78	36.517	20.79	40.349
261	20.80	40.342	20.81	38.173	20.82	36.005	20.83	42.617	20.84	46.148	20.85	49.679	20.86	43.511	20.87	25.943
262	20.88	8.374	20.89	10.205	20.90	15.791	20.91	21.376	20.92	26.962	20.93	25.413	20.94	-41.215	20.95	-2.915
263	20.96	-19.421	20.97	-46.396	20.98	-54.725	20.99	-55.969	21.00	-56.289	21.01	-53.678	21.02	-26.361	21.03	-7.215
264	21.04	-23.453	21.05	-22.153	21.06	-19.238	21.07	-16.324	21.08	-20.956	21.09	-23.658	21.10	3.272	21.11	-2.1032
265	21.12	-26.082	21.13	-20.702	21.14	-14.783	21.15	-8.863	21.16	-2.944	21.17	2.975	21.18	13.276	21.19	-29.723
266	21.20	-10.303	21.21	-6.161	21.22	-1.934	21.23	2.293	21.24	7.040	21.25	15.276	21.26	19.503	21.27	-12.239
267	21.28	20.253	21.29	19.473	21.30	12.989	21.31	2.817	21.32	-2.605	21.33	-32.783	21.34	-33.097	21.35	-33.751
268	21.36	-26.350	21.37	-26.462	21.38	-26.573	21.39	-26.685	21.40	-26.797	21.41	-26.909	21.42	-27.021	21.43	-27.133
269	21.44	-8.112	21.45	-5.346	21.46	-2.580	21.47	-2.591	21.48	-10.545	21.49	-10.551	21.50	-25.110	21.51	-1.651
270	21.52	-33.763	21.53	-29.924	21.54	-24.004	21.55	-18.084	21.56	-12.164	21.57	-6.244	21.58	-0.324	21.59	5.593
271	21.60	5.416	21.61	9.717	21.62	9.399	21.63	7.697	21.64	1.680	21.65	5.053	21.66	8.426	21.67	9.190
272	21.68	4.246	21.69	-2.769	21.70	-9.784	21.71	-6.722	21.72	-0.273	21.73	-14.441	21.74	-27.395	21.75	-27.247
273	21.76	-27.099	21.77	-13.874	21.78	-12.803	21.79	-13.091	21.80	-10.211	21.81	-24.542	21.82	-32.874	21.83	-32.578
274	21.84	-22.737	21.85	-26.896	21.86	-26.896	21.87	-25.229	21.88	-20.288	21.89	4.313	21.90	8.385	21.91	12.458
275	21.92	12.906	21.93	9.506	21.94	2.009	21.95	1.394	21.96	-2.233	21.97	6.226	21.98	-10.807	21.99	24.991
276	22.00	26.051	22.01	23.124	22.02	14.951	22.03	14.693	22.04	4.631	22.05	-16.807	22.06	-17.278	22.07	-5.074
277	22.08	7.129	22.09	19.333	22.10	19.636	22.11	12.421	22.12	8.163	22.13	1.634	22.14	-4.896	22.15	-5.213
278	22.16	-3.071	22.17	2.093	22.18	7.257	22.19	12.421	22.20	-2.569	22.21	22.749	22.22	24.434	22.23	10.559
279	22.24	-3.315	22.25	-3.066	22.26	-2.338	22.27	2.321	22.28	6.980	22.29	11.639	22.30	15.624	22.31	11.089
280	22.32	5.997	22.33	-1.404	22.34	15.592	22.35	16.191	22.36	20.026	22.37	20.783	22.38	19.659	22.39	15.311
281	22.40	16.997	22.41	4.651	22.42	-4.681	22.43	-3.717	22.44	-2.752	22.45	-1.789	22.46	-26.526	22.47	-10.614
282	22.48	-15.982	22.49	-10.618	22.50	-8.703	22.51	3.445	22.52	13.928	22.53	24.212	22.54	24.972	22.55	-11.126
283	22.56	-15.063	22.57	-8.703	22.58	-5.111	22.59	6.426	22.60	17.954	22.61	29.501	22.62	22.886	22.63	37.637
284	22.64	-14.644	22.65	-6.488	22.66	19.123	22.67	18.653	22.68	18.183	22.69	13.240	22.70	3.835	22.71	-8.190
285	22.72	-6.172	22.73	-6.488	22.74	-10.928	22.75	-9.855	22.76	-2.749	22.77	-31.207	22.78	-28.292	22.79	-25.378
286	22.80	37.016	22.81	27.764	22.82	19.123	22.83	-0.782	22.84	-16.290	22.85	-2.736	22.86	1.417	22.87	0.097
287	22.88	-20.215	22.89	-21.152	22.90	-22.090	22.91	-13.656	22.92	-16.682	22.93	-17.074	22.94	-17.074	22.95	-14.927
288	22.96	-22.153	22.97	-18.928	22.98	-9.855	22.99	-27.060	23.00	23.353	23.01	15.953	23.02	8.552	23.03	9.616
289	23.04	-1.461	23.05	-5.526	23.06	-9.591	23.07	4.179	23.08	-0.144	23.09	-4.465	23.10	-8.769	23.11	-12.111
290	23.12	-1.184	23.13	12.558	23.14	26.301	23.15	-27.016	23.16	-25.638	23.17	-24.260	23.18	-21.194	23.19	-16.063
291	23.20	14.070	23.21	18.524	23.22	28.388	23.23	-19.243	23.24	-17.200	23.25	-15.158	23.26	-13.115	23.27	-15.131
292	23.28	-15.432	23.29	-18.221	23.30	-20.311	23.31	-15.692	23.32	-13.957	23.33	-15.084	23.34	-16.212	23.35	-17.339
293	23.36	-16.131	23.37	-19.163	23.38	-16.986	23.39	-15.509	23.40	-16.201	23.41	-18.371	23.42	-20.541	23.43	-16.497
294	23.44	-17.147	23.45	-19.163	23.46	-8.410	23.47	-8.107	23.48	-15.371	23.49	-16.919	23.50	-17.010	23.51	-17.102
295	23.52	-18.466	23.53	-16.986	23.54	-18.363	23.55	-14.521	23.56	-4.368	23.57	5.784	23.58	5.769	23.59	3.137
296	23.60	-12.454	23.61	-8.410	23.62	-1.003	23.63	-0.501	23.64	-27.755	23.65	-31.355	23.66	-24.694	23.67	-17.199
297	23.68	-18.112	23.69	-1.505	23.70	-20.553	23.71	-24.154	23.72	-31.447	23.73	-34.532	23.74	-36.544	23.75	-33.683
298	23.76	0.816	23.77	-23.387	23.78	-9.230	23.79	-30.428	23.80	-22.749	23.81	-21.666	23.82	-20.463	23.83	-17.701
299	23.84	-26.220	23.85	-23.387	23.86	-9.230	23.87	-30.428	23.88	-10.989	23.89	-14.233	23.90	-17.477	23.91	-19.959
300	23.92	-11.371	23.93	-31.446	23.94	-30.428	23.95	-9.990	23.96	-7.536	23.97	-5.081	23.98	-2.627	23.99	-1.561
301	24.00	-32.465	24.01	-11.621	24.02	-12.444	24.03	-15.379	24.04	-18.500	24.05	-21.621	24.06	-24.742	24.07	-26.756
302	24.08	-13.714	24.09	-14.899	24.10	-12.258	24.11	-17.903	24.12	-15.820	24.13	-13.738	24.14	-12.208	24.15	-14.838
303	24.16	-17.353	24.17	-14.899	24.18	-19.985	24.19	-14.572	24.20	-9.347	24.21	-4.121	24.22	-3.981	24.23	-5.998
304	24.24	-4.194	24.25	-9.137	24.26	-11.419	24.27	-8.047	24.28	-6.943	24.29	-7.912	24.30	-3.765	24.31	4.072
305	24.32	-24.150	24.33	-22.068	24.34	-7.226	24.35	-40.568	24.36	-41.350	24.37	-36.740	24.38	-32.131	24.39	-20.748
306	24.40	-17.622	24.41	-17.632	24.42	-16.102	24.43	-13.544	24.44	-8.269	24.45	-7.586	24.46	-6.903	24.47	-5.534
307	24.48	-7.932	24.49	-9.665	24.50	-11.419	24.51	-8.047	24.52	8.271	24.53	7.951	24.54	2.087	24.55	-1.002
308	24.56	7.913	24.57	6.367	24.58	-31.046	24.59	-10.426	24.60	-9.000	24.61	-8.002	24.62	-10.786	24.63	-11.565
309	24.64	-12.002	24.65	-1.443	24.66	6.475	24.67	13.544	24.68	-9.788	24.69	-9.788	24.70	-18.573	24.71	-30.907
310	24.72	-9.365	24.73	12.868	24.74	6.457	24.75	2.066	24.76	-4.122	24.77	-35.440	24.78	-28.676	24.79	-21.653
311	24.80	14.726	24.81	-3.240	24.82	-0.638	24.83	-19.079	24.84	-6.669	24.85	-13.817	24.86	-22.452	24.87	-27.080
312	24.88	-4.387	24.89	-4.682	24.90	-11.852	24.91	-37.036	24.92	4.739	24.93	4.729	24.94	2.889	24.95	-2.993
313	24.96	-4.092	24.97	-13.278	24.98	-6.538	24.99	1.676	25.00	-11.669	25.01	-15.685	25.02	-23.639	25.03	-27.578
314	25.04	-12.803	25.05	-34.993	25.06	-11.852	25.07	-10.426	25.08	-4.912	25.09	-8.002	25.10	-10.786	25.11	-11.565
315	25.12	-32.950	25.13	-11.938	25.14	-6.538	25.15	1.676	25.16	-11.669	25.17	-15.685	25.18	-23.639	25.19	-27.578
316	25.20	-14.631	25.21	-7.608	25.22	-6.538	25.23	1.676	25.24	-11.669	25.25	-15.685	25.26	-23.639	25.27	-27.578
317	25.28	-25.551	25.29	-11.938	25.30	-6.538	25.31	1.676	25.32	-11.669	25.33	-15.685	25.34	-23.639	25.35	-27.578
318	25.36	-10.856	25.37	-12.410	25.38	-13.963	25.39	-11.669	25.40	-15.685	25.41	-19.701	25.42	-23.639	25.43	-27.578
319	25.44	-26.509	25.45	-21.898	25.46	-17.751	25.47	-16.918	25.48	-16.085	25.49	-15.252	25.50	-14.419	25.51	-13.586

Digitized Accelerogram of Earthquake Record with Index Number E-44 (10-3-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-13.377	0.01	-17.622	0.02	-21.868	0.03	-19.354	0.04	-16.839	0.05	-14.325	0.06	-11.810	0.07	-9.296
2	0.08	-10.788	0.09	-12.640	0.10	-14.512	0.11	-15.984	0.12	-17.056	0.13	-18.972	0.14	-20.807	0.15	-22.539
3	0.16	-19.331	0.17	-21.523	0.18	-24.715	0.19	-28.907	0.20	-33.100	0.21	-37.292	0.22	-41.484	0.23	-45.676
4	0.24	-21.018	0.25	-23.630	0.26	-26.242	0.27	-28.854	0.28	-31.466	0.29	-34.078	0.30	-36.690	0.31	-39.302
5	0.32	-20.166	0.33	-22.778	0.34	-25.390	0.35	-28.002	0.36	-30.614	0.37	-33.226	0.38	-35.838	0.39	-38.450
6	0.40	-17.639	0.41	-19.751	0.42	-21.863	0.43	-23.975	0.44	-26.087	0.45	-28.199	0.46	-30.311	0.47	-32.423
7	0.48	-20.192	0.49	-22.304	0.50	-24.416	0.51	-26.528	0.52	-28.640	0.53	-30.752	0.54	-32.864	0.55	-34.976
8	0.56	-23.666	0.57	-25.778	0.58	-27.890	0.59	-29.902	0.60	-31.914	0.61	-33.926	0.62	-35.938	0.63	-37.950
9	0.64	-18.760	0.65	-20.872	0.66	-22.984	0.67	-25.096	0.68	-27.208	0.69	-29.320	0.70	-31.432	0.71	-33.544
10	0.72	-12.745	0.73	-14.857	0.74	-16.969	0.75	-19.081	0.76	-21.193	0.77	-23.305	0.78	-25.417	0.79	-27.529
11	0.80	-17.134	0.81	-19.246	0.82	-21.358	0.83	-23.470	0.84	-25.582	0.85	-27.694	0.86	-29.806	0.87	-31.918
12	0.88	-18.133	0.89	-20.245	0.90	-22.357	0.91	-24.469	0.92	-26.581	0.93	-28.693	0.94	-30.805	0.95	-32.917
13	0.96	-18.568	0.97	-20.680	0.98	-22.792	0.99	-24.904	1.00	-27.016	1.01	-29.128	1.02	-31.240	1.03	-33.352
14	1.04	-21.005	1.05	-23.117	1.06	-25.229	1.07	-27.341	1.08	-29.453	1.09	-31.565	1.10	-33.677	1.11	-35.789
15	1.12	-19.078	1.13	-21.190	1.14	-23.302	1.15	-25.414	1.16	-27.526	1.17	-29.638	1.18	-31.750	1.19	-33.862
16	1.20	-17.084	1.21	-19.196	1.22	-21.308	1.23	-23.420	1.24	-25.532	1.25	-27.644	1.26	-29.756	1.27	-31.868
17	1.28	-16.393	1.29	-18.505	1.30	-20.617	1.31	-22.729	1.32	-24.841	1.33	-26.953	1.34	-29.065	1.35	-31.177
18	1.36	-16.832	1.37	-18.944	1.38	-21.056	1.39	-23.168	1.40	-25.280	1.41	-27.392	1.42	-29.504	1.43	-31.616
19	1.44	-16.537	1.45	-18.649	1.46	-20.761	1.47	-22.873	1.48	-24.985	1.49	-27.097	1.50	-29.211	1.51	-31.325
20	1.52	-16.194	1.53	-18.306	1.54	-20.418	1.55	-22.530	1.56	-24.642	1.57	-26.766	1.58	-28.890	1.59	-31.019
21	1.60	-16.727	1.61	-18.839	1.62	-20.951	1.63	-23.063	1.64	-25.175	1.65	-27.289	1.66	-29.413	1.67	-31.537
22	1.68	-16.504	1.69	-18.616	1.70	-20.728	1.71	-22.840	1.72	-24.954	1.73	-27.078	1.74	-29.202	1.75	-31.325
23	1.76	-16.284	1.77	-18.396	1.78	-20.508	1.79	-22.620	1.80	-24.744	1.81	-26.872	1.82	-29.016	1.83	-31.159
24	1.84	-16.064	1.85	-18.176	1.86	-20.290	1.87	-22.402	1.88	-24.544	1.89	-26.696	1.90	-28.890	1.91	-31.003
25	1.92	-15.844	1.93	-17.956	1.94	-20.068	1.95	-22.180	1.96	-24.324	1.97	-26.478	1.98	-28.672	1.99	-30.866
26	2.00	-15.624	2.01	-17.736	2.02	-19.848	2.03	-21.960	2.04	-24.072	2.05	-26.286	2.06	-28.480	2.07	-30.674
27	2.08	-15.404	2.09	-17.516	2.10	-19.630	2.11	-21.742	2.12	-23.856	2.13	-26.060	2.14	-28.264	2.15	-30.462
28	2.16	-15.184	2.17	-17.296	2.18	-19.412	2.19	-21.524	2.20	-23.638	2.21	-25.832	2.22	-28.040	2.23	-30.250
29	2.24	-14.964	2.25	-17.076	2.26	-19.194	2.27	-21.306	2.28	-23.420	2.29	-25.624	2.30	-27.824	2.31	-30.038
30	2.32	-14.744	2.33	-16.856	2.34	-18.968	2.35	-21.018	2.36	-23.132	2.37	-25.340	2.38	-27.608	2.39	-29.822
31	2.40	-14.524	2.41	-16.636	2.42	-18.748	2.43	-20.860	2.44	-22.972	2.45	-25.086	2.46	-27.392	2.47	-29.606
32	2.48	-14.304	2.49	-16.416	2.50	-18.530	2.51	-20.642	2.52	-22.754	2.53	-24.868	2.54	-27.074	2.55	-29.390
33	2.56	-14.084	2.57	-16.196	2.58	-18.312	2.59	-20.424	2.60	-22.536	2.61	-24.652	2.62	-26.768	2.63	-28.884
34	2.64	-13.864	2.65	-15.976	2.66	-18.084	2.67	-20.196	2.68	-22.308	2.69	-24.424	2.70	-26.540	2.71	-28.656
35	2.72	-13.644	2.73	-15.756	2.74	-17.868	2.75	-19.980	2.76	-22.092	2.77	-24.204	2.78	-26.320	2.79	-28.432
36	2.80	-13.424	2.81	-15.536	2.82	-17.650	2.83	-19.762	2.84	-21.874	2.85	-23.986	2.86	-26.098	2.87	-28.204
37	2.88	-13.204	2.89	-15.316	2.90	-17.432	2.91	-19.544	2.92	-21.656	2.93	-23.770	2.94	-25.882	2.95	-27.996
38	2.96	-12.984	2.97	-15.096	2.98	-17.214	2.99	-19.326	3.00	-21.440	3.01	-23.554	3.02	-25.666	3.03	-27.772
39	3.04	-12.764	3.05	-14.876	3.06	-16.998	3.07	-19.110	3.08	-21.222	3.09	-23.334	3.10	-25.446	3.11	-27.550
40	3.12	-12.544	3.13	-14.656	3.14	-16.778	3.15	-18.890	3.16	-21.002	3.17	-23.116	3.18	-25.220	3.19	-27.334
41	3.20	-12.324	3.21	-14.436	3.22	-16.558	3.23	-18.670	3.24	-20.782	3.25	-22.894	3.26	-25.006	3.27	-27.148
42	3.28	-12.104	3.29	-14.216	3.30	-16.340	3.31	-18.452	3.32	-20.564	3.33	-22.676	3.34	-24.788	3.35	-26.900
43	3.36	-11.884	3.37	-14.000	3.38	-16.122	3.39	-18.234	3.40	-20.346	3.41	-22.458	3.42	-24.570	3.43	-26.682
44	3.44	-11.664	3.45	-13.780	3.46	-15.908	3.47	-18.020	3.48	-20.132	3.49	-22.244	3.50	-24.356	3.51	-26.468
45	3.52	-11.444	3.53	-13.560	3.54	-15.688	3.55	-17.800	3.56	-19.912	3.57	-22.026	3.58	-24.138	3.59	-26.250
46	3.60	-11.224	3.61	-13.340	3.62	-15.468	3.63	-17.580	3.64	-19.692	3.65	-21.804	3.66	-23.916	3.67	-26.022
47	3.68	-11.004	3.69	-13.120	3.70	-15.248	3.71	-17.360	3.72	-19.474	3.73	-21.586	3.74	-23.698	3.75	-25.794
48	3.76	-10.784	3.77	-12.900	3.78	-15.028	3.79	-17.140	3.80	-19.264	3.81	-21.370	3.82	-23.482	3.83	-25.578
49	3.84	-10.564	3.85	-12.680	3.86	-14.808	3.87	-16.920	3.88	-19.044	3.89	-21.154	3.90	-23.266	3.91	-25.354
50	3.92	-10.344	3.93	-12.460	3.94	-14.588	3.95	-16.700	3.96	-18.824	3.97	-20.938	3.98	-23.040	3.99	-25.130
51	4.00	-10.124	4.01	-12.240	4.02	-14.368	4.03	-16.480	4.04	-18.604	4.05	-20.716	4.06	-22.818	4.07	-24.904
52	4.08	-9.904	4.09	-12.020	4.10	-14.148	4.11	-16.260	4.12	-18.374	4.13	-20.486	4.14	-22.588	4.15	-24.674
53	4.16	-9.684	4.17	-11.800	4.18	-13.928	4.19	-16.040	4.20	-18.152	4.21	-20.264	4.22	-22.366	4.23	-24.440
54	4.24	-9.464	4.25	-11.580	4.26	-13.708	4.27	-15.820	4.28	-17.932	4.29	-20.046	4.30	-22.148	4.31	-24.214
55	4.32	-9.244	4.33	-11.360	4.34	-13.488	4.35	-15.600	4.36	-17.714	4.37	-19.826	4.38	-21.918	4.39	-23.980
56	4.40	-9.024	4.41	-11.140	4.42	-13.268	4.43	-15.380	4.44	-17.496	4.45	-19.608	4.46	-21.690	4.47	-23.742
57	4.48	-8.804	4.49	-10.920	4.50	-13.048	4.51	-15.160	4.52	-17.272	4.53	-19.384	4.54	-21.472	4.55	-23.504
58	4.56	-8.584	4.57	-10.700	4.58	-12.828	4.59	-14.940	4.60	-17.056	4.61	-19.160	4.62	-21.252	4.63	-23.286
59	4.64	-8.364	4.65	-10.480	4.66	-12.608	4.67	-14.720	4.68	-16.832	4.69	-18.944	4.70	-21.036	4.71	-23.068
60	4.72	-8.144	4.73	-10.260	4.74	-12.388	4.75	-14.500	4.76	-16.616	4.77	-18.732	4.78	-20.816	4.79	-22.830
61	4.80	-7.924	4.81	-10.040	4.82	-12.168	4.83	-14.280	4.84	-16.400	4.85	-18.512	4.86	-20.596	4.87	-22.604
62	4.88	-7.704	4.89	-9.820	4.90	-11.948	4.91	-14.060	4.92	-16.176	4.93	-18.296	4.94	-20.372	4.95	-22.378
63	4.96	-7.484	4.97	-9.600	4.98	-11.728	4.99	-13.840	5.00	-16.000	5.01	-18.124	5.02	-20.148	5.03	-22.152
64	5.04	-7.264	5.05	-9.380	5.06	-11.508	5.07	-13.620	5.08	-15.792	5.09	-17.916	5.10	-19.992	5.11	-21.916
65	5.12	-7.044	5.13	-9.160	5.14	-11.288	5.15	-13.400	5.16	-15.576	5.17	-17.696	5.18	-19.720	5.19	-21.696
66	5.20	-6.824	5.21	-8.940	5.22	-11.068	5.23	-13.180	5.24	-15.360	5.25	-17.484	5.26	-19.508	5.27	-21.472
67	5.28	-6.604	5.29	-8.720	5.30	-10.848	5.31	-12.960	5.32	-15.144	5.33	-17.264	5.34	-19.288	5.35	-21.248
68	5.36	-6.384	5.37	-8.500	5.38	-10.628	5.39	-12.740	5.40	-14.936	5.41	-17.056	5.42	-19.072	5.43	-21.024
69	5.44	-6.164	5.45	-8.280	5.46	-10.408	5.47	-12.520	5.48	-14.712	5.49	-16.832	5.50	-18.944	5.51	-20.796
70	5.52	-5.944	5.53	-8.060	5.54	-10.188	5.55	-12.300	5.56	-14.504	5.57	-16.616	5.58	-18.720	5.59	-20.572
71	5.60	-5.724	5.61	-7.840	5.62	-9.968	5.63	-12.080	5.64	-14.288	5.65	-16.400	5.66	-18.512	5.67	-20.348

127	10.08	25.890	10.09	20.542	10.10	15.195	10.11	9.847	10.12	6.757	10.13	5.820	10.14	6.120	10.15	-4.672
128	10.16	-14.999	10.17	-25.326	10.18	-35.653	10.19	-39.740	10.20	-33.360	10.21	-20.356	10.22	-7.556	10.23	-0.054
129	10.24	0.360	10.25	1.774	10.26	3.188	10.27	4.602	10.28	5.288	10.29	5.973	10.30	6.727	10.31	8.256
130	10.32	10.403	10.33	12.549	10.34	7.612	10.35	-0.459	10.36	-0.529	10.37	-16.609	10.38	-17.071	10.39	-17.543
131	10.40	-14.011	10.41	-10.220	10.42	-6.420	10.43	-2.637	10.44	-3.495	10.45	-4.354	10.46	-4.977	10.47	-14.307
132	10.48	23.838	10.49	19.953	10.50	18.153	10.51	16.676	10.52	17.180	10.53	17.685	10.54	18.189	10.55	23.260
133	10.56	23.101	10.57	17.082	10.58	7.368	10.59	-2.347	10.60	-2.589	10.61	-2.831	10.62	-3.456	10.63	-7.779
134	10.64	-12.102	10.65	-2.571	10.66	-13.041	10.67	-10.279	10.68	-3.824	10.69	4.712	10.70	13.247	10.71	13.237
135	10.72	-12.149	10.73	11.062	10.74	11.605	10.75	12.148	10.76	12.692	10.77	13.235	10.78	13.778	10.79	19.918
136	10.80	6.059	10.81	5.280	10.82	2.340	10.83	-4.084	10.84	-12.309	10.85	-11.445	10.86	-10.580	10.87	-9.716
137	10.88	-11.063	10.89	-12.409	10.90	-13.756	10.91	-12.689	10.92	-8.540	10.93	-4.392	10.94	-7.789	10.95	-2.059
138	10.96	-23.062	10.97	-20.761	10.98	-12.839	10.99	-4.917	11.00	-1.847	11.01	-2.475	11.02	-5.170	11.03	-9.972
139	11.04	-12.066	11.05	-4.903	11.06	2.863	11.07	10.626	11.08	18.394	11.09	19.626	11.10	4.624	11.11	-0.972
140	11.12	-14.598	11.13	-11.883	11.14	-7.537	11.15	-9.012	11.16	-10.480	11.17	-6.338	11.18	6.433	11.19	19.205
141	11.20	31.976	11.21	29.654	11.22	21.225	11.23	12.795	11.24	4.366	11.25	2.202	11.26	0.038	11.27	4.802
142	11.28	9.566	11.29	14.330	11.30	19.094	11.31	19.082	11.32	12.912	11.33	3.969	11.34	-4.974	11.35	-0.767
143	11.36	-0.993	11.37	24.309	11.38	5.611	11.39	3.265	11.40	0.272	11.41	-4.740	11.42	-8.829	11.43	-12.918
144	11.44	-14.932	11.45	-14.019	11.46	-26.123	11.47	-29.521	11.48	-28.452	11.49	-17.990	11.50	8.717	11.51	8.705
145	11.52	2.847	11.53	-11.638	11.54	-26.123	11.55	-29.521	11.56	-28.452	11.57	-17.990	11.58	8.717	11.59	8.705
146	11.60	0.608	11.61	11.071	11.62	21.534	11.63	31.997	11.64	31.216	11.65	20.939	11.66	10.661	11.67	0.382
147	11.68	-2.245	11.69	-1.559	11.70	-0.874	11.71	0.130	11.72	0.573	11.73	0.795	11.74	15.066	11.75	22.017
148	11.76	33.171	11.77	44.324	11.78	55.478	11.79	66.632	11.80	71.013	11.81	75.393	11.82	79.774	11.83	84.155
149	11.84	84.042	11.85	83.930	11.86	83.817	11.87	57.083	11.88	30.350	11.89	17.484	11.90	4.618	11.91	-5.254
150	11.92	-7.264	11.93	-9.275	11.94	-9.436	11.95	-9.598	11.96	-11.151	11.97	-9.771	11.98	2.306	11.99	14.382
151	12.00	20.228	12.01	22.065	12.02	20.203	12.03	16.806	12.04	-4.227	12.05	-25.260	12.06	-32.508	12.07	-25.124
152	12.08	-16.205	12.09	-7.236	12.10	-2.982	12.11	-2.991	12.12	-14.089	12.13	-31.348	12.14	-48.607	12.15	-56.013
153	12.16	-57.252	12.17	-56.491	12.18	-55.152	12.19	-47.813	12.20	-42.473	12.21	-37.134	12.22	-35.292	12.23	-33.449
154	12.24	-36.542	12.25	-35.476	12.26	-31.325	12.27	-27.752	12.28	-23.627	12.29	-19.502	12.30	-15.377	12.31	-11.252
155	12.32	-44.528	12.33	-44.417	12.34	-44.305	12.35	-44.194	12.36	-44.082	12.37	-43.970	12.38	-43.858	12.39	-43.746
156	12.40	4.884	12.41	4.238	12.42	3.922	12.43	3.606	12.44	3.290	12.45	2.974	12.46	2.658	12.47	2.342
157	12.48	-21.552	12.49	-17.402	12.50	-4.173	12.51	13.834	12.52	16.599	12.53	15.823	12.54	9.339	12.55	13.625
158	12.56	23.490	12.57	42.497	12.58	61.045	12.59	66.582	12.60	64.264	12.61	43.974	12.62	32.684	12.63	3.394
159	12.64	-44.051	12.65	-13.096	12.66	-15.419	12.67	-12.351	12.68	-12.890	12.69	-13.429	12.70	-25.161	12.71	-28.095
160	12.72	-20.185	12.73	-32.738	12.74	-39.833	12.75	-41.076	12.76	-41.076	12.77	-41.076	12.78	-41.076	12.79	-41.076
161	12.80	-20.389	12.81	-14.338	12.82	-11.608	12.83	-10.117	12.84	-8.747	12.85	-8.654	12.86	-8.562	12.87	-8.469
162	12.88	-15.645	12.89	-9.106	12.90	6.1799	12.91	61.792	12.92	59.165	12.93	31.725	12.94	34.571	12.95	40.281
163	12.96	0.359	12.97	9.106	12.98	18.014	12.99	18.014	13.00	48.987	13.01	31.725	13.02	34.571	13.03	40.281
164	13.04	51.030	13.05	61.799	13.06	61.792	13.07	59.165	13.08	31.725	13.09	34.571	13.10	40.281	13.11	29.401
165	13.12	26.771	13.13	22.449	13.14	18.128	13.15	4.868	13.16	-2.991	13.17	-10.549	13.18	-12.868	13.19	-10.277
166	13.20	-5.958	13.21	27.903	13.22	33.131	13.23	30.869	13.24	19.864	13.25	14.107	13.26	8.349	13.27	2.592
167	13.28	2.120	13.29	2.105	13.30	2.086	13.31	3.625	13.32	-1.620	13.33	-10.718	13.34	-13.088	13.35	-15.458
168	13.36	-17.828	13.37	-21.691	13.38	-22.163	13.39	-14.476	13.40	-12.173	13.41	-9.109	13.42	-2.575	13.43	3.959
169	13.44	15.141	13.45	26.323	13.46	37.505	13.47	41.498	13.48	40.720	13.49	35.779	13.50	22.827	13.51	20.969
170	13.52	9.110	13.53	18.715	13.54	18.715	13.55	21.458	13.56	24.459	13.57	21.062	13.58	15.358	13.59	10.573
171	13.60	10.403	13.61	9.317	13.62	5.153	13.63	1.445	13.64	6.358	13.65	6.810	13.66	7.184	13.67	7.557
172	13.68	14.938	13.69	15.395	13.70	15.388	13.71	15.381	13.72	15.374	13.73	14.021	13.74	14.269	13.75	3.169
173	13.76	-7.931	13.77	-19.031	13.78	-16.629	13.79	-14.226	13.80	-11.824	13.81	-9.421	13.82	-7.018	13.83	-4.615
174	13.84	-6.995	13.85	-13.676	13.86	-18.358	13.87	-8.436	13.88	1.487	13.89	6.791	13.90	12.095	13.91	14.471
175	13.92	10.847	13.93	10.521	13.94	4.277	13.95	-1.967	13.96	0.868	13.97	3.703	13.98	-1.647	13.99	-10.531
176	14.00	-19.215	14.01	-27.899	14.02	-30.991	14.03	-16.990	14.04	-2.989	14.05	2.855	14.06	3.308	14.07	4.059
177	14.08	5.358	14.09	6.658	14.10	6.379	14.11	6.101	14.12	5.822	14.13	5.543	14.14	7.381	14.15	9.220
178	14.16	11.058	14.17	10.274	14.18	9.491	14.19	10.250	14.20	11.009	14.21	9.845	14.22	6.682	14.23	7.646
179	14.24	6.610	14.25	5.574	14.26	5.254	14.27	7.857	14.28	11.700	14.29	15.543	14.30	11.834	14.31	8.125
180	14.32	7.524	14.33	6.923	14.34	6.322	14.35	5.722	14.36	5.121	14.37	4.520	14.38	9.591	14.39	14.663
181	14.40	19.734	14.41	24.305	14.42	23.770	14.43	22.735	14.44	21.700	14.45	24.151	14.46	26.602	14.47	28.441
182	14.48	30.280	14.49	27.648	14.50	24.865	14.51	22.033	14.52	17.765	14.53	17.325	14.54	16.970	14.55	14.111
183	14.56	11.251	14.57	4.312	14.58	-2.627	14.59	-5.946	14.60	9.265	14.61	-8.993	14.62	-8.521	14.63	-8.049
184	14.64	1.470	14.65	6.082	14.66	3.142	14.67	-3.797	14.68	-9.889	14.69	-15.931	14.70	-17.628	14.71	-18.761
185	14.72	-15.093	14.73	-6.178	14.74	-5.473	14.75	-8.352	14.76	-10.569	14.77	-12.786	14.78	-15.003	14.79	-12.469
186	14.80	-9.936	14.81	-5.944	14.82	-1.953	14.83	-0.114	14.84	1.724	14.85	3.250	14.86	6.630	14.87	6.005
187	14.88	-4.787	14.89	-17.579	14.90	-30.372	14.91	-31.663	14.92	-30.394	14.93	-23.933	14.94	-17.322	14.95	-10.712
188	14.96	-10.572	14.97	-14.434	14.98	-15.981	14.99	-14.914	15.00	-6.298	15.01	-11.704	15.02	-13.543	15.03	-12.145
189	15.04	9.655	15.05	9.655	15.06	14.274	15.07	21.350	15.08	27.499	15.09	26.870	15.10	26.856	15.11	25.307
190	15.12	16.366	15.13	7.422	15.14	5.415	15.15	0.019	15.16	13.012	15.17	18.005	15.18	12.757	15.19	9.002
191	15.20	5.246	15.21	1.491	15.22	-0.674	15.23	-2.857	15.24	-20.857	15.25	33.474	15.26	46.092	15.27	47.316
192	15.28	43.456	15.29	36.213	15.30	27.194	15.31	18.175	15.32	13.868	15.33	11.990	15.34	11.211	15.35	11.512
193	15.36	8.010	15.37	4.506	15.38	1.006	15.39	-4.548	15.40	-6.103	15.41	-5.995	15.42	-5.887	15.43	-5.779
194	15.44	-9.834	15.45	-1.074	15.46	-0.158	15.47	1.374	15.48	2.906	15.49	14.593	15.50	17.662	15.51	15.575
195	15.52	14.718	15.53	13.165	15.54	15.312	15.55	24.387	15.56	25.921	15.57	22.059	15.58	14.039	15.59	6.172
196	15.60	-0.153	15.61	-1.393	15.62	-1.401	15.63	0.131								

253	20.16	18.641	20.17	11.130	20.18	3.730	20.19	2.184	20.20	5.097	20.21	8.628	20.22	7.542	20.23	-1.711
254	20.24	-9.625	20.25	-17.539	20.26	-25.453	20.27	-25.207	20.28	-24.960	20.29	-24.714	20.30	-10.257	20.31	-11.799
255	20.32	-8.426	20.33	-8.071	20.34	-9.516	20.35	-10.299	20.36	-3.691	20.37	-2.918	20.38	1.603	20.39	0.288
256	20.40	-2.496	20.41	1.497	20.42	5.491	20.43	9.488	20.44	10.708	20.45	8.049	20.46	2.980	20.47	2.662
257	20.48	-1.195	20.49	-5.901	20.50	-10.606	20.51	-16.162	20.52	-17.409	20.53	-15.871	20.54	-1.639	20.55	12.592
258	20.56	15.512	20.57	10.432	20.58	9.639	20.59	-0.006	20.60	-25.651	20.61	-26.581	20.62	-25.052	20.63	-20.593
259	20.64	-10.134	20.65	-11.063	20.66	-9.071	20.67	-1.462	20.68	6.146	20.69	6.757	20.70	7.367	20.71	7.351
260	20.72	6.260	20.73	3.171	20.74	-2.225	20.75	-9.320	20.76	-12.099	20.77	-11.340	20.78	-0.267	20.79	6.504
261	20.80	9.572	20.81	6.174	20.82	-3.077	20.83	-9.864	20.84	-10.810	20.85	-10.204	20.86	-8.694	20.87	0.415
262	20.88	2.465	20.89	1.322	20.90	0.695	20.91	0.067	20.92	0.441	20.93	0.815	20.94	-2.692	20.95	-0.598
263	20.96	-6.551	20.97	-6.463	20.98	-9.243	20.99	-10.332	21.00	-10.035	21.01	-8.687	21.02	-7.740	21.03	-7.752
264	21.04	-7.765	21.05	-11.624	21.06	-15.946	21.07	-10.416	21.08	-12.963	21.09	-9.510	21.10	-2.179	21.11	-0.910
265	21.12	-4.000	21.13	-3.623	21.14	-3.245	21.15	-5.564	21.16	-7.883	21.17	-10.202	21.18	-9.444	21.19	-6.835
266	21.20	5.623	21.21	11.002	21.22	11.610	21.23	12.219	21.24	6.356	21.25	0.495	21.26	-5.367	21.27	-3.374
267	21.28	4.464	21.29	9.535	21.30	14.607	21.31	13.209	21.32	11.971	21.33	4.567	21.34	-0.819	21.35	-10.604
268	21.36	-27.190	21.37	-23.502	21.38	-17.353	21.39	-15.945	21.40	-14.538	21.41	-13.130	21.42	-11.723	21.43	-10.315
269	21.44	-14.329	21.45	-10.343	21.46	-16.042	21.47	-7.590	21.48	-6.880	21.49	-6.171	21.50	-5.461	21.51	-0.243
270	21.52	-4.170	21.53	-2.098	21.54	-7.498	21.55	-22.763	21.56	-22.311	21.57	-13.236	21.58	-4.161	21.59	-3.285
271	21.60	-2.409	21.61	-1.533	21.62	-0.657	21.63	1.073	21.64	4.494	21.65	5.625	21.66	13.394	21.67	21.163
272	21.68	21.383	21.69	21.602	21.70	25.235	21.71	20.869	21.72	32.502	21.73	32.648	21.74	20.404	21.75	24.159
273	21.76	14.444	21.77	11.044	21.78	3.600	21.79	3.249	21.80	2.698	21.81	6.229	21.82	10.640	21.83	12.371
274	21.84	6.970	21.85	-6.137	21.86	-7.686	21.87	-9.075	21.88	-7.550	21.89	-3.710	21.90	5.363	21.91	9.515
275	21.92	15.817	21.93	6.256	21.94	-5.460	21.95	-4.393	21.96	-1.707	21.97	0.900	21.98	0.279	21.99	-0.423
276	22.00	0.183	22.01	4.402	22.02	4.467	22.03	2.915	22.04	-3.099	22.05	-9.112	22.06	-8.043	22.07	-6.975
277	22.08	-9.606	22.09	-12.236	22.10	-11.115	22.11	-9.993	22.12	-8.872	22.13	-10.961	22.14	-13.050	22.15	-15.139
278	22.16	-17.228	22.17	-10.550	22.18	-10.872	22.19	-20.650	22.20	-21.427	22.21	-17.589	22.22	-13.750	22.23	-0.907
279	22.24	-4.064	22.25	0.544	22.26	3.769	22.27	17.769	22.28	22.535	22.29	22.983	22.30	21.434	22.31	20.656
280	22.32	19.078	22.33	22.331	22.34	24.785	22.35	20.303	22.36	11.903	22.37	3.503	22.38	-8.287	22.39	-20.077
281	22.40	-22.295	22.41	-24.513	22.42	-20.731	22.43	-27.211	22.44	-24.600	22.45	-18.913	22.46	-13.226	22.47	-11.560
282	22.48	-9.934	22.49	-8.127	22.50	-6.661	22.51	-4.494	22.52	-2.347	22.53	8.576	22.54	19.500	22.55	30.423
283	22.56	32.076	22.57	30.171	22.58	27.465	22.59	20.831	22.60	14.198	22.61	14.184	22.62	14.170	22.63	6.894
284	22.64	3.618	22.65	-1.658	22.66	-0.934	22.67	-12.210	22.68	-10.419	22.69	-20.628	22.70	-24.036	22.71	-29.045
285	22.72	-29.438	22.73	-29.831	22.74	-25.168	22.75	-17.387	22.76	-15.856	22.77	-14.324	22.78	-13.568	22.79	-13.807
286	22.80	-14.046	22.81	-15.140	22.82	-16.458	22.83	-17.777	22.84	-26.182	22.85	-34.597	22.86	-39.372	22.87	-40.152
287	22.88	-38.313	22.89	-33.755	22.90	-29.196	22.91	-24.638	22.92	-24.033	22.93	-23.429	22.94	-22.824	22.95	-15.131
288	22.96	-7.442	22.97	-5.915	22.98	1.924	22.99	0.837	23.00	-0.250	23.01	-1.337	23.02	-2.424	23.03	-3.511
289	23.04	-10.143	23.05	-8.306	23.06	-2.928	23.07	-2.579	23.08	-2.229	23.09	-1.880	23.10	-1.119	23.11	-0.358
290	23.12	0.862	23.13	4.549	23.14	8.236	23.15	11.923	23.16	15.757	23.17	15.749	23.18	7.265	23.19	2.738
291	23.20	-1.788	23.21	-6.315	23.22	-8.940	23.23	-11.565	23.24	-13.270	23.25	-14.975	23.26	-16.681	23.27	-22.539
292	23.28	-25.938	23.29	-32.265	23.30	-34.582	23.31	-35.366	23.32	-35.834	23.33	-27.377	23.34	-18.920	23.35	-16.927
293	23.36	-15.397	23.37	-8.171	23.38	-0.945	23.39	-3.803	23.40	-6.661	23.41	-6.689	23.42	-6.677	23.43	-6.690
294	23.44	-6.703	23.45	-7.484	23.46	-7.075	23.47	-8.266	23.48	-15.876	23.49	-23.486	23.50	-31.096	23.51	-29.568
295	23.52	-27.803	23.53	-26.038	23.54	-26.056	23.55	-25.832	23.56	-25.608	23.57	-19.613	23.58	-13.619	23.59	-13.057
296	23.60	-12.495	23.61	-11.933	23.62	-11.371	23.63	-10.809	23.64	-10.247	23.65	-9.685	23.66	-9.388	23.67	-9.091
297	23.68	-8.793	23.69	-8.496	23.70	-8.199	23.71	-10.521	23.72	-12.844	23.73	-10.238	23.74	-6.912	23.75	-3.585
298	23.76	-0.259	23.77	-1.297	23.78	-2.334	23.79	-3.372	23.80	-3.842	23.81	-4.311	23.82	-4.781	23.83	-2.559
299	23.84	-0.338	23.85	1.801	23.86	1.175	23.87	0.550	23.88	-0.076	23.89	-2.625	23.90	-5.175	23.91	-9.190
300	23.92	-6.581	23.93	-2.747	23.94	4.326	23.95	11.400	23.96	10.313	23.97	7.223	23.98	4.934	23.99	2.645
301	24.00	0.356	24.01	1.933	24.02	-4.222	24.03	-0.539	24.04	3.144	24.05	2.598	24.06	2.048	24.07	3.424
302	24.08	4.799	24.09	6.175	24.10	6.679	24.11	7.182	24.12	7.686	24.13	7.674	24.14	7.662	24.15	7.650
303	24.16	7.638	24.17	6.474	24.18	5.310	24.19	-1.015	24.20	-7.340	24.21	-13.665	24.22	-13.519	24.23	-13.372
304	24.24	-9.225	24.25	-5.238	24.26	-6.043	24.27	-6.849	24.28	-7.654	24.29	-8.459	24.30	-9.265	24.31	-10.070
305	24.32	-5.460	24.33	-0.850	24.34	-1.942	24.35	-2.675	24.36	-3.897	24.37	-8.903	24.38	-8.142	24.39	-7.381
306	24.40	-10.505	24.41	-13.749	24.42	-16.932	24.43	-20.116	24.44	-23.300	24.45	-22.768	24.46	-22.237	24.47	-20.704
307	24.48	-16.712	24.49	-12.719	24.50	-14.891	24.51	-14.745	24.52	-14.600	24.53	-14.840	24.54	-15.080	24.55	-15.093
308	24.56	-11.047	24.57	-7.001	24.58	-2.955	24.59	-1.892	24.60	-2.212	24.61	-7.615	24.62	-13.012	24.63	-18.721
309	24.64	-21.656	24.65	-19.814	24.66	-10.123	24.67	-3.058	24.68	-2.607	24.69	-2.156	24.70	-6.837	24.71	-11.517
310	24.72	-16.108	24.73	-18.516	24.74	-16.603	24.75	-18.889	24.76	-12.776	24.77	-10.883	24.78	-12.179	24.79	-13.495
311	24.80	-19.208	24.81	-22.864	24.82	-26.519	24.83	-30.175	24.84	-28.644	24.85	-27.113	24.86	-25.583	24.87	-24.052
312	24.88	-25.143	24.89	-26.233	24.90	-25.626	24.91	-25.019	24.92	-24.412	24.93	-23.805	24.94	-23.198	24.95	-22.594
313	24.96	-22.910	24.97	-22.614	24.98	-19.852	24.99	-17.089	25.00	-17.168	25.01	-16.426	25.02	-19.744	25.03	-24.685
314	25.04	-29.009	25.05	-28.633	25.06	-28.257	25.07	-24.799	25.08	-21.342	25.09	-14.730	25.10	-14.898	25.11	-17.220
315	25.12	-18.000	25.13	-18.780	25.14	-19.095	25.15	-14.408	25.16	-9.720	25.17	-10.510	25.18	-11.675	25.19	-12.839
316	25.20	-11.693	25.21	-10.547	25.22	-9.401	25.23	-8.255	25.24	-15.974	25.25	-20.294	25.26	-24.615	25.27	-27.243
317	25.28	-25.862	25.29	-18.172	25.30	-8.462	25.31	-7.106	25.32	-10.196	25.33	-11.825	25.34	-13.454	25.35	-20.859
318	25.36	-23.182	25.37	-22.423	25.38	-17.042	25.39	-11.661	25.40	-10.749	25.41	-12.299	25.42	-13.077	25.43	-15.858
319	25.44	-18.649	25.45	-19.608	25.46	-20.976	25.47	-18.906	25.48	-16.837						

Digitized Accelerogram of Earthquake Record with
Index Number E-45 (10-4-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	0.056	0.01	0.756	0.02	1.456	0.03	1.657	0.04	1.858	0.05	2.060	0.06	2.261
2	0.00	3.466	0.09	3.036	0.10	2.086	0.11	2.287	0.12	2.488	0.13	2.689	0.14	2.890
3	0.10	0.604	0.17	0.371	0.18	-0.049	0.19	-0.469	0.20	-0.889	0.21	-1.309	0.22	-1.729
4	0.24	-0.783	0.25	-1.151	0.26	-1.938	0.27	-2.358	0.28	-2.778	0.29	-3.198	0.30	-3.618
5	0.32	-2.000	0.33	-1.856	0.34	-1.705	0.35	-1.553	0.36	-1.401	0.37	-1.249	0.38	-1.097
6	0.40	-2.254	0.41	-2.233	0.42	-2.212	0.43	-2.191	0.44	-2.170	0.45	-2.149	0.46	-2.128
7	0.48	-1.134	0.49	-0.609	0.50	-0.084	0.51	-0.234	0.52	-0.384	0.53	-0.534	0.54	-0.684
8	0.56	-0.984	0.57	-1.134	0.58	0.196	0.59	1.525	0.60	1.147	0.61	0.769	0.62	0.392
9	0.64	-1.364	0.65	-0.560	0.66	-0.756	0.67	-0.952	0.68	-1.148	0.69	-1.344	0.70	-1.540
10	0.72	-1.574	0.73	-1.589	0.74	-1.426	0.75	-1.257	0.76	-1.090	0.77	-0.924	0.78	-0.757
11	0.80	-1.399	0.81	-1.029	0.82	-0.659	0.83	-0.290	0.84	-0.120	0.85	0.050	0.86	0.220
12	0.88	-2.132	0.89	-1.660	0.90	-0.330	0.91	-0.040	0.92	0.230	0.93	0.500	0.94	0.770
13	0.96	-0.540	0.97	-0.068	0.98	0.404	0.99	-0.121	1.00	0.851	1.01	1.121	1.02	1.391
14	1.04	-0.295	1.05	-0.091	1.06	0.113	1.07	0.317	1.08	0.521	1.09	0.725	1.10	0.929
15	1.12	1.314	1.13	1.507	1.14	1.699	1.15	1.892	1.16	1.972	1.17	1.580	1.18	1.188
16	1.20	0.404	1.21	0.273	1.22	0.141	1.23	0.010	1.24	-0.121	1.25	-0.252	1.26	-0.383
17	1.28	-0.646	1.29	-0.537	1.30	-0.428	1.31	-0.318	1.32	-0.209	1.33	-0.100	1.34	0.010
18	1.36	0.228	1.37	0.552	1.38	0.876	1.39	1.199	1.40	1.523	1.41	2.003	1.42	2.643
19	1.44	3.743	1.45	3.151	1.46	2.558	1.47	2.774	1.48	3.010	1.49	3.247	1.50	3.483
20	1.52	2.655	1.53	1.808	1.54	1.408	1.55	1.408	1.56	1.925	1.57	2.363	1.58	2.800
21	1.60	3.675	1.61	4.113	1.62	4.509	1.63	4.905	1.64	4.700	1.65	4.896	1.66	5.092
22	1.68	3.720	1.69	3.034	1.70	2.348	1.71	1.662	1.72	1.076	1.73	1.009	1.74	0.692
23	1.76	1.674	1.77	2.170	1.78	2.665	1.79	3.161	1.80	3.657	1.81	4.153	1.82	4.649
24	1.84	1.877	1.85	1.742	1.86	1.607	1.87	1.472	1.88	1.337	1.89	1.202	1.90	1.067
25	1.92	3.470	1.93	4.672	1.94	4.340	1.95	4.007	1.96	3.675	1.97	3.342	1.98	3.009
26	2.00	2.735	2.01	2.794	2.02	2.852	2.03	2.910	2.04	2.969	2.05	3.027	2.06	2.677
27	2.08	1.977	2.09	1.627	2.10	1.277	2.11	0.927	2.12	0.577	2.13	0.227	2.14	-0.123
28	2.16	0.028	2.17	0.530	2.18	1.031	2.19	1.533	2.20	2.035	2.21	2.536	2.22	3.037
29	2.24	2.224	2.25	2.500	2.26	2.776	2.27	3.052	2.28	3.328	2.29	3.604	2.30	3.880
30	2.32	-0.263	2.33	-0.646	2.34	-1.029	2.35	-1.412	2.36	-1.795	2.37	-2.178	2.38	-2.561
31	2.40	-0.473	2.41	-0.272	2.42	-0.071	2.43	-0.155	2.44	-0.239	2.45	-0.323	2.46	-0.407
32	2.48	-3.082	2.49	-4.744	2.50	-6.406	2.51	-8.068	2.52	-9.730	2.53	-11.392	2.54	-13.054
33	2.56	-2.451	2.57	-2.469	2.58	-2.014	2.59	-1.559	2.60	-0.941	2.61	-0.323	2.62	0.295
34	2.64	1.345	2.65	1.298	2.66	1.252	2.67	1.205	2.68	1.158	2.69	1.047	2.70	0.936
35	2.72	2.809	2.73	3.130	2.74	3.353	2.75	3.576	2.76	3.799	2.77	4.023	2.78	4.246
36	2.80	4.692	2.81	4.915	2.82	5.138	2.83	5.361	2.84	5.584	2.85	5.807	2.86	6.030
37	2.88	-1.000	2.89	-1.158	2.90	-1.315	2.91	-1.473	2.92	-1.630	2.93	-1.788	2.94	-1.945
38	2.96	-2.105	2.97	-2.082	2.98	-1.825	2.99	-1.548	3.00	-1.271	3.01	-0.994	3.02	-0.717
39	3.04	-1.220	3.05	-0.780	3.06	-0.340	3.07	0.100	3.08	0.540	3.09	0.980	3.10	1.420
40	3.12	-4.605	3.13	-3.145	3.14	-1.685	3.15	-0.225	3.16	1.235	3.17	2.775	3.18	4.315
41	3.20	-1.736	3.21	-1.298	3.22	-0.861	3.23	-0.484	3.24	-0.107	3.25	0.271	3.26	0.645
42	3.28	-1.336	3.29	-0.652	3.30	0.083	3.31	0.810	3.32	1.537	3.33	2.264	3.34	2.991
43	3.36	-2.028	3.37	-1.444	3.38	-0.861	3.39	-0.150	3.40	-0.123	3.41	-1.428	3.42	-2.753
44	3.44	-1.019	3.45	-0.232	3.46	0.556	3.47	1.343	3.48	2.130	3.49	2.917	3.50	3.704
45	3.52	0.497	3.53	0.328	3.54	0.315	3.55	0.302	3.56	0.289	3.57	0.275	3.58	0.262
46	3.60	0.235	3.61	0.022	3.62	0.502	3.63	0.782	3.64	1.062	3.65	1.342	3.66	1.622
47	3.68	2.147	3.69	1.692	3.70	1.237	3.71	0.782	3.72	0.327	3.73	0.572	3.74	0.467
48	3.76	1.127	3.77	1.804	3.78	2.646	3.79	3.407	3.80	4.168	3.81	4.929	3.82	5.690
49	3.84	3.344	3.85	2.728	3.86	2.112	3.87	1.496	3.88	0.880	3.89	0.264	3.90	-0.352
50	3.92	1.630	3.93	1.043	3.94	0.456	3.95	-0.130	3.96	-0.714	3.97	-1.298	3.98	-1.882
51	4.00	0.636	4.01	0.297	4.02	-0.043	4.03	-0.383	4.04	-0.723	4.05	-1.063	4.06	-1.403
52	4.08	1.271	4.09	-0.199	4.10	-1.668	4.11	-3.138	4.12	-4.608	4.13	-6.078	4.14	-7.548
53	4.16	1.411	4.17	1.656	4.18	1.901	4.19	2.146	4.20	2.391	4.21	2.636	4.22	2.881
54	4.24	-0.980	4.25	-0.257	4.26	0.466	4.27	1.043	4.28	1.621	4.29	2.198	4.30	2.775
55	4.32	4.631	4.33	4.596	4.34	4.561	4.35	4.526	4.36	4.491	4.37	4.456	4.38	4.421
56	4.40	1.242	4.41	0.340	4.42	1.489	4.43	2.547	4.44	3.605	4.45	4.663	4.46	5.721
57	4.48	3.625	4.49	3.545	4.50	3.465	4.51	3.385	4.52	3.305	4.53	3.225	4.54	3.145
58	4.56	0.571	4.57	-0.024	4.58	0.985	4.59	1.953	4.60	2.921	4.61	3.889	4.62	4.857
59	4.64	3.844	4.65	2.728	4.66	1.612	4.67	0.486	4.68	-0.640	4.69	-1.708	4.70	-2.776
60	4.72	3.955	4.73	3.229	4.74	2.503	4.75	1.777	4.76	1.051	4.77	0.325	4.78	-0.401
61	4.80	4.104	4.81	4.004	4.82	3.904	4.83	3.804	4.84	3.704	4.85	3.604	4.86	3.504
62	4.88	2.004	4.89	0.604	4.90	-0.795	4.91	-2.195	4.92	-3.595	4.93	-5.000	4.94	-6.400
63	4.96	-4.318	4.97	-4.233	4.98	-4.147	4.99	-4.062	5.00	-3.976	5.01	-3.891	5.02	-3.806
64	5.04	-2.989	5.05	-2.581	5.06	-2.973	5.07	-3.365	5.08	-3.757	5.09	-4.149	5.10	-4.541
65	5.12	-7.586	5.13	-5.859	5.14	-4.133	5.15	-2.406	5.16	-0.679	5.17	1.050	5.18	2.781
66	5.20	-4.594	5.21	-5.031	5.22	-4.418	5.23	-3.806	5.24	-3.193	5.25	-2.581	5.26	-1.969
67	5.28	-3.060	5.29	-3.246	5.30	-2.520	5.31	-1.793	5.32	-1.067	5.33	-0.341	5.34	0.385
68	5.36	0.743	5.37	0.393	5.38	0.043	5.39	-0.307	5.40	-0.657	5.41	-1.007	5.42	-1.357
69	5.44	1.566	5.45	2.440	5.46	3.314	5.47	4.188	5.48	5.062	5.49	5.936	5.50	6.810
70	5.52	2.154	5.53	1.302	5.54	0.450	5.55	-0.402	5.56	-1.254	5.57	-2.106	5.58	-2.958
71	5.60	2.101	5.61	2.002	5.62	0.917	5.63	-0.168	5.64	-1.020	5.65	-1.872	5.66	-2.724
72	5.68	-4.673	5.69	-5.452	5.70	-6.231	5.71	-7.010	5.72	-7.789	5.73	-8.568	5.74	-9.347
73	5.76	-1.065	5.77	-1.148	5.78	-1.603	5.79	-2.058	5.80	-2.513	5.81	-2.968	5.82	-3.423
74	5.84	-2.356	5.85	-3.143	5.86	-3.930	5.87	-4.717	5.88	-5.504	5.89	-6.291	5.90	-7.078
75	5.92	0.873	5.93	1.861	5.94	2.849	5.95	3.837	5.96	4.825	5.97	5.813	5.98	6.801
76	6.00	2.759	6.01	3.401	6.02	4.043	6.03	4.685	6.04	5.327	6.05	5.969	6.06	6.611
77	6.08	4.005	6.09	4.556	6.10	5.107	6.11	5.658	6.12	6.209	6.13	6.760	6.14	7.311
78	6.16	-2.416	6.17	-1.481	6.18	-0.546	6.19	-0.397	6.20	-0.248	6.21	-0.099	6.22	0.050
79	6.24	-2.015	6.25	-1.402	6.26	-0.789	6.27	-0.176	6.28	0.435	6.29	1.044	6.30	1.653
80	6.32	-0.216	6.33	-0.729	6.34	-1.242	6.35	-1.757	6.36	-2.272	6.37	-2.787	6.38	-3.302
81	6.40	-3.109	6.41	-1.500	6.42	0.110	6.43	0.810	6.44	1.510	6.45	2.210	6.46	2.910
82	6.48	2.524	6.49	2.174	6.50	1.824	6.51	1.474	6.52	1.124	6.53	0.774	6.54	0.424
83	6.56	1.824	6.57	2.174	6.58	2.524	6.59	2.874	6.60	3.224	6.61	3.574	6.62	3.924
84	6.64	1.159	6.65	0.705	6.66	0.250	6.67	-0.205	6.68	-0.650	6.69	-1.095	6.70	-1.540
85	6.72	2.139	6.73	1.509	6.74	0.879	6.75	0.249	6.76	-0.380	6.77	-1.010	6.78	-1.640
86	6.80	3.539	6.81	4.4										

127	10.08	7.624	10.09	6.049	10.10	4.474	10.11	5.139	10.12	5.804	10.13	6.469	10.14	7.134	10.15	5.396
128	10.16	3.657	10.17	1.919	10.18	1.444	10.19	0.974	10.20	0.592	10.21	0.209	10.22	-0.612	10.23	-1.254
129	10.24	-1.095	10.25	-1.720	10.26	-1.545	10.27	-1.370	10.28	-1.195	10.29	-1.020	10.30	-0.845	10.31	-0.670
130	10.32	-1.149	10.33	-0.817	10.34	-0.484	10.35	-0.151	10.36	-0.181	10.37	-0.513	10.38	-0.846	10.39	-1.179
131	10.40	-1.569	10.41	-1.931	10.42	-3.795	10.43	-3.650	10.44	-7.522	10.45	-9.386	10.46	-9.153	10.47	-8.919
132	10.48	-8.686	10.49	-8.453	10.50	-8.219	10.51	-7.986	10.52	-9.176	10.53	-10.366	10.54	-11.556	10.55	-12.746
133	10.56	-13.936	10.57	-15.126	10.58	-16.316	10.59	-15.138	10.60	-13.959	10.61	-12.781	10.62	-11.604	10.63	-10.426
134	10.64	-10.459	10.65	-9.993	10.66	-9.526	10.67	-9.059	10.68	-9.591	10.69	-9.650	10.70	-10.139	10.71	-10.840
135	10.72	-11.347	10.73	-10.805	10.74	-9.664	10.75	-7.522	10.76	-5.782	10.77	-4.242	10.78	-3.045	10.79	-3.449
136	10.80	-3.052	10.81	-2.855	10.82	-2.259	10.83	-1.862	10.84	-0.663	10.85	-1.987	10.86	-3.912	10.87	-6.182
137	10.88	-7.517	10.89	-6.552	10.90	-4.187	10.91	-3.427	10.92	-2.582	10.93	-2.487	10.94	-2.052	10.95	-1.725
138	10.96	-6.712	10.97	-6.267	10.98	-5.822	10.99	-5.377	11.00	-4.932	11.01	-4.487	11.02	-4.042	11.03	-3.597
139	11.04	-3.466	11.05	-3.334	11.06	-3.203	11.07	-3.071	11.08	-2.940	11.09	-2.809	11.10	-2.677	11.11	-2.546
140	11.12	-3.465	11.13	-3.384	11.14	-3.302	11.15	-3.221	11.16	-3.093	11.17	-2.964	11.18	-2.835	11.19	-2.706
141	11.20	-3.272	11.21	-3.191	11.22	-3.109	11.23	-3.028	11.24	-2.928	11.25	-2.828	11.26	-2.728	11.27	-2.628
142	11.28	-2.460	11.29	-2.379	11.30	-2.298	11.31	-2.217	11.32	-2.136	11.33	-2.055	11.34	-1.974	11.35	-1.893
143	11.36	-2.096	11.37	-2.015	11.38	-1.934	11.39	-1.853	11.40	-1.772	11.41	-1.691	11.42	-1.610	11.43	-1.529
144	11.44	-1.339	11.45	-1.258	11.46	-1.177	11.47	-1.096	11.48	-1.015	11.49	-0.934	11.50	-0.853	11.51	-0.772
145	11.52	-2.196	11.53	-2.115	11.54	-2.034	11.55	-1.953	11.56	-1.872	11.57	-1.791	11.58	-1.710	11.59	-1.629
146	11.60	-4.474	11.61	-4.281	11.62	-4.088	11.63	-3.895	11.64	-3.702	11.65	-3.509	11.66	-3.316	11.67	-3.123
147	11.68	-5.819	11.69	-5.626	11.70	-5.433	11.71	-5.240	11.72	-5.047	11.73	-4.854	11.74	-4.661	11.75	-4.468
148	11.76	-1.165	11.77	-1.074	11.78	-1.319	11.79	-1.011	11.80	-0.703	11.81	-0.396	11.82	-0.088	11.83	-0.220
149	11.84	5.344	11.85	6.079	11.86	6.814	11.87	7.549	11.88	8.284	11.89	9.019	11.90	9.754	11.91	10.489
150	11.92	8.774	11.93	9.019	11.94	9.264	11.95	9.509	11.96	9.754	11.97	10.000	11.98	10.245	11.99	10.490
151	12.00	11.609	12.01	11.448	12.02	11.287	12.03	11.126	12.04	10.965	12.05	10.804	12.06	10.643	12.07	10.482
152	12.08	7.128	12.09	5.903	12.10	4.678	12.11	3.453	12.12	2.228	12.13	1.003	12.14	-0.222	12.15	-1.447
153	12.16	10.033	12.17	9.231	12.18	8.428	12.19	7.625	12.20	6.822	12.21	6.019	12.22	5.216	12.23	4.413
154	12.24	-0.502	12.25	-1.446	12.26	-1.670	12.27	-1.894	12.28	-2.118	12.29	-2.342	12.30	-2.566	12.31	-2.790
155	12.32	-2.613	12.33	-2.636	12.34	-2.659	12.35	-2.682	12.36	-2.705	12.37	-2.728	12.38	-2.751	12.39	-2.774
156	12.40	-1.686	12.41	-0.338	12.42	-1.009	12.43	-2.357	12.44	-1.657	12.45	-0.957	12.46	-0.257	12.47	0.443
157	12.48	-0.433	12.49	-1.307	12.50	-2.182	12.51	-3.057	12.52	-3.932	12.53	-4.807	12.54	-5.682	12.55	-6.557
158	12.56	-3.162	12.57	-3.915	12.58	-4.668	12.59	-5.421	12.60	-6.174	12.61	-6.927	12.62	-7.680	12.63	-8.433
159	12.64	-0.862	12.65	-0.617	12.66	-0.372	12.67	-0.127	12.68	0.118	12.69	0.363	12.70	0.608	12.71	0.853
160	12.72	-2.804	12.73	-4.772	12.74	-4.300	12.75	-3.827	12.76	-3.354	12.77	-2.881	12.78	-2.408	12.79	-1.935
161	12.80	-0.643	12.81	-0.651	12.82	-1.946	12.83	-1.625	12.84	-1.304	12.85	-0.983	12.86	-0.662	12.87	-0.341
162	12.88	-0.021	12.89	-1.519	12.90	-3.058	12.91	-4.597	12.92	-6.136	12.93	-7.675	12.94	-9.214	12.95	-10.753
163	12.96	-2.673	12.97	-2.408	12.98	-2.143	12.99	-1.878	13.00	-1.613	13.01	-1.348	13.02	-1.083	13.03	-0.818
164	13.04	-6.120	13.05	-6.418	13.06	-6.715	13.07	-7.013	13.08	-7.311	13.09	-7.608	13.10	-7.906	13.11	-8.204
165	13.12	-5.868	13.13	-5.289	13.14	-4.709	13.15	-4.129	13.16	-3.549	13.17	-2.969	13.18	-2.389	13.19	-1.809
166	13.20	-4.474	13.21	-4.582	13.22	-4.689	13.23	-4.796	13.24	-4.903	13.25	-5.010	13.26	-5.117	13.27	-5.224
167	13.28	-3.327	13.29	-1.986	13.30	-0.644	13.31	-1.204	13.32	-1.764	13.33	-2.324	13.34	-2.884	13.35	-3.444
168	13.36	-3.257	13.37	-3.444	13.38	-3.631	13.39	-3.818	13.40	-4.005	13.41	-4.192	13.42	-4.379	13.43	-4.566
169	13.44	-3.392	13.45	-5.720	13.46	-5.323	13.47	-4.926	13.48	-4.529	13.49	-4.132	13.50	-3.735	13.51	-3.338
170	13.52	-7.190	13.53	-7.855	13.54	-7.167	13.55	-6.478	13.56	-5.789	13.57	-5.099	13.58	-4.410	13.59	-3.721
171	13.60	-10.340	13.61	-7.505	13.62	-6.870	13.63	-6.235	13.64	-5.600	13.65	-4.965	13.66	-4.330	13.67	-3.695
172	13.68	-3.433	13.69	-3.002	13.70	-2.571	13.71	-2.140	13.72	-1.709	13.73	-1.278	13.74	-0.847	13.75	-0.416
173	13.76	3.624	13.77	3.927	13.78	4.231	13.79	4.534	13.80	4.837	13.81	5.140	13.82	5.443	13.83	5.746
174	13.84	3.518	13.85	2.688	13.86	3.495	13.87	4.302	13.88	5.109	13.89	5.916	13.90	6.723	13.91	7.530
175	13.92	2.426	13.93	2.489	13.94	2.552	13.95	2.615	13.96	2.678	13.97	2.741	13.98	2.804	13.99	2.867
176	14.00	0.683	14.01	0.627	14.02	0.571	14.03	0.515	14.04	0.459	14.05	0.403	14.06	0.347	14.07	0.291
177	14.08	0.176	14.09	0.100	14.10	0.025	14.11	-0.051	14.12	-0.209	14.13	-0.367	14.14	-0.524	14.15	-0.682
178	14.16	1.487	14.17	2.024	14.18	2.560	14.19	3.097	14.20	3.634	14.21	4.171	14.22	4.708	14.23	5.245
179	14.24	0.998	14.25	1.960	14.26	2.922	14.27	3.884	14.28	4.846	14.29	5.808	14.30	6.770	14.31	7.732
180	14.32	5.026	14.33	5.162	14.34	5.298	14.35	5.434	14.36	5.570	14.37	5.706	14.38	5.842	14.39	5.978
181	14.40	6.499	14.41	6.527	14.42	6.647	14.43	6.767	14.44	6.887	14.45	7.007	14.46	7.127	14.47	7.247
182	14.48	2.468	14.49	3.216	14.50	3.964	14.51	4.712	14.52	5.460	14.53	6.208	14.54	6.956	14.55	7.704
183	14.56	5.981	14.57	3.446	14.58	1.312	14.59	-0.889	14.60	-2.588	14.61	-4.287	14.62	-5.986	14.63	-7.685
184	14.64	-4.484	14.65	-3.140	14.66	-1.797	14.67	-0.453	14.68	0.891	14.69	2.234	14.70	3.577	14.71	4.920
185	14.72	6.771	14.73	8.241	14.74	7.541	14.75	6.841	14.76	6.141	14.77	5.441	14.78	4.741	14.79	4.041
186	14.80	3.341	14.81	2.641	14.82	2.337	14.83	2.034	14.84	1.730	14.85	1.427	14.86	1.124	14.87	0.821
187	14.88	6.378	14.89	7.540	14.90	5.662	14.91	3.783	14.92	1.904	14.93	2.059	14.94	2.213	14.95	2.367
188	14.96	2.521	14.97	2.675	14.98	1.380	14.99	0.085	15.00	-1.209	15.01	-2.504	15.02	-3.799	15.03	-5.094
189	15.04	-0.397	15.05	1.303	15.06	3.004	15.07	4.705	15.08	6.406	15.09	8.107	15.10	9.808	15.11	11.509
190	15.12	3.358	15.13	2.780	15.14	2.203	15.15	1.625	15.16	1.047	15.17	0.469	15.18	-0.109	15.19	-0.688
191	15.20	0.550	15.21	2.119	15.22	3.688	15.23	5.257	15.24	6.826	15.25	8.395	15.26	9.964	15.27	11.533
192	15.28	2.342	15.29	1.764	15.30	1.186	15.31	0.608	15.32	-0.070	15.33	-0.648	15.34	-1.226	15.35	-1.804
193	15.36	-5.445	15.37	-6.530	15.38	-7.615	15.39	-8.700	15.40	-9.785	15.41	-10.870	15.42	-11.955	15.43	-13.040
194	15.44	-7.786	15.45	-7.965	15.46	-8.144	15.47	-8.323	15.48	-8.502	15.49	-8.681	15.50	-8.860	15.51	-9.039
195	15.52	-4.956	15.53	-4.116	15.54	-3.276	15.55	-2.436	15.56	-1.596	15.57	-0.756	15.58	0.084	15.59	0.924
196	15.60	-4.028	15.61	-3.040	15.62	-2.051	15.63	-1.062	15.64	-0.073	15.65	0.916	15.66	1.905	15.67	2.894
197	15.68	-8.398	15.69	-9.249	15.70	-10.101	15.71	-10.952	15.72	-11.804	15.73	-12.655	15.74	-13.506	15.75	-14.357
198	15.76	-7.266														

253	20.16	-1.546	20.17	-1.342	20.18	-1.137	20.19	-0.933	20.20	-0.729	20.21	-0.525	20.22	-0.320	20.23	-0.116	20.24	0.088	20.25	0.292	20.26	0.496	20.27	0.699	20.28	0.902	20.29	1.105	20.30	1.308	20.31	1.511	20.32	1.714	20.33	1.917	20.34	2.120	20.35	2.323	20.36	2.526	20.37	2.729	20.38	2.932	20.39	3.135	20.40	3.338	20.41	3.541	20.42	3.744	20.43	3.947	20.44	4.150	20.45	4.353	20.46	4.556	20.47	4.759	20.48	4.962	20.49	5.165	20.50	5.368	20.51	5.571	20.52	5.774	20.53	5.977	20.54	6.180	20.55	6.383	20.56	6.586	20.57	6.789	20.58	6.992	20.59	7.195	20.60	7.398	20.61	7.601	20.62	7.804	20.63	8.007	20.64	8.210	20.65	8.413	20.66	8.616	20.67	8.819	20.68	9.022	20.69	9.225	20.70	9.428	20.71	9.631	20.72	9.834	20.73	10.037	20.74	10.240	20.75	10.443	20.76	10.646	20.77	10.849	20.78	11.052	20.79	11.255	20.80	11.458	20.81	11.661	20.82	11.864	20.83	12.067	20.84	12.270	20.85	12.473	20.86	12.676	20.87	12.879	20.88	13.082	20.89	13.285	20.90	13.488	20.91	13.691	20.92	13.894	20.93	14.097	20.94	14.300	20.95	14.503	20.96	14.706	20.97	14.909	20.98	15.112	20.99	15.315	21.00	15.518	21.01	15.721	21.02	15.924	21.03	16.127	21.04	16.330	21.05	16.533	21.06	16.736	21.07	16.939	21.08	17.142	21.09	17.345	21.10	17.548	21.11	17.751	21.12	17.954	21.13	18.157	21.14	18.360	21.15	18.563	21.16	18.766	21.17	18.969	21.18	19.172	21.19	19.375	21.20	19.578	21.21	19.781	21.22	19.984	21.23	20.187	21.24	20.390	21.25	20.593	21.26	20.796	21.27	21.000	21.28	21.203	21.29	21.406	21.30	21.609	21.31	21.812	21.32	22.015	21.33	22.218	21.34	22.421	21.35	22.624	21.36	22.827	21.37	23.030	21.38	23.233	21.39	23.436	21.40	23.639	21.41	23.842	21.42	24.045	21.43	24.248	21.44	24.451	21.45	24.654	21.46	24.857	21.47	25.060	21.48	25.263	21.49	25.466	21.50	25.669	21.51	25.872	21.52	26.075	21.53	26.278	21.54	26.481	21.55	26.684	21.56	26.887	21.57	27.090	21.58	27.293	21.59	27.496	21.60	27.699	21.61	27.902	21.62	28.105	21.63	28.308	21.64	28.511	21.65	28.714	21.66	28.917	21.67	29.120	21.68	29.323	21.69	29.526	21.70	29.729	21.71	29.932	21.72	30.135	21.73	30.338	21.74	30.541	21.75	30.744	21.76	30.947	21.77	31.150	21.78	31.353	21.79	31.556	21.80	31.759	21.81	31.962	21.82	32.165	21.83	32.368	21.84	32.571	21.85	32.774	21.86	32.977	21.87	33.180	21.88	33.383	21.89	33.586	21.90	33.789	21.91	33.992	21.92	34.195	21.93	34.398	21.94	34.601	21.95	34.804	21.96	35.007	21.97	35.210	21.98	35.413	21.99	35.616	22.00	35.819	22.01	36.022	22.02	36.225	22.03	36.428	22.04	36.631	22.05	36.834	22.06	37.037	22.07	37.240	22.08	37.443	22.09	37.646	22.10	37.849	22.11	38.052	22.12	38.255	22.13	38.458	22.14	38.661	22.15	38.864	22.16	39.067	22.17	39.270	22.18	39.473	22.19	39.676	22.20	39.879	22.21	40.082	22.22	40.285	22.23	40.488	22.24	40.691	22.25	40.894	22.26	41.097	22.27	41.300	22.28	41.503	22.29	41.706	22.30	41.909	22.31	42.112	22.32	42.315	22.33	42.518	22.34	42.721	22.35	42.924	22.36	43.127	22.37	43.330	22.38	43.533	22.39	43.736	22.40	43.939	22.41	44.142	22.42	44.345	22.43	44.548	22.44	44.751	22.45	44.954	22.46	45.157	22.47	45.360	22.48	45.563	22.49	45.766	22.50	45.969	22.51	46.172	22.52	46.375	22.53	46.578	22.54	46.781	22.55	46.984	22.56	47.187	22.57	47.390	22.58	47.593	22.59	47.796	22.60	48.000	22.61	48.203	22.62	48.406	22.63	48.609	22.64	48.812	22.65	49.015	22.66	49.218	22.67	49.421	22.68	49.624	22.69	49.827	22.70	50.030	22.71	50.233	22.72	50.436	22.73	50.639	22.74	50.842	22.75	51.045	22.76	51.248	22.77	51.451	22.78	51.654	22.79	51.857	22.80	52.060	22.81	52.263	22.82	52.466	22.83	52.669	22.84	52.872	22.85	53.075	22.86	53.278	22.87	53.481	22.88	53.684	22.89	53.887	22.90	54.090	22.91	54.293	22.92	54.496	22.93	54.699	22.94	54.902	22.95	55.105	22.96	55.308	22.97	55.511	22.98	55.714	22.99	55.917	23.00	56.120	23.01	56.323	23.02	56.526	23.03	56.729	23.04	56.932	23.05	57.135	23.06	57.338	23.07	57.541	23.08	57.744	23.09	57.947	23.10	58.150	23.11	58.353	23.12	58.556	23.13	58.759	23.14	58.962	23.15	59.165	23.16	59.368	23.17	59.571	23.18	59.774	23.19	59.977	23.20	60.180	23.21	60.383	23.22	60.586	23.23	60.789	23.24	60.992	23.25	61.195	23.26	61.398	23.27	61.601	23.28	61.804	23.29	62.007	23.30	62.210	23.31	62.413	23.32	62.616	23.33	62.819	23.34	63.022	23.35	63.225	23.36	63.428	23.37	63.631	23.38	63.834	23.39	64.037	23.40	64.240	23.41	64.443	23.42	64.646	23.43	64.849	23.44	65.052	23.45	65.255	23.46	65.458	23.47	65.661	23.48	65.864	23.49	66.067	23.50	66.270	23.51	66.473	23.52	66.676	23.53	66.879	23.54	67.082	23.55	67.285	23.56	67.488	23.57	67.691	23.58	67.894	23.59	68.097	23.60	68.300	23.61	68.503	23.62	68.706	23.63	68.909	23.64	69.112	23.65	69.315	23.66	69.518	23.67	69.721	23.68	69.924	23.69	70.127	23.70	70.330	23.71	70.533	23.72	70.736	23.73	70.939	23.74	71.142	23.75	71.345	23.76	71.548	23.77	71.751	23.78	71.954	23.79	72.157	23.80	72.360	23.81	72.563	23.82	72.766	23.83	72.969	23.84	73.172	23.85	73.375	23.86	73.578	23.87	73.781	23.88	73.984	23.89	74.187	23.90	74.390	23.91	74.593	23.92	74.796	23.93	75.000	23.94	75.203	23.95	75.406	23.96	75.609	23.97	75.812	23.98	76.015	23.99	76.218	24.00	76.421	24.01	76.624	24.02	76.827	24.03	77.030	24.04	77.233	24.05	77.436	24.06	77.639	24.07	77.842	24.08	78.045	24.09	78.248	24.10	78.451	24.11	78.654	24.12	78.857	24.13	79.060	24.14	79.263	24.15	79.466	24.16	79.669	24.17	79.872	24.18	80.075	24.19	80.278	24.20	80.481	24.21	80.684	24.22	80.887	24.23	81.090	24.24	81.293	24.25	81.496	24.26	81.699	24.27	81.902	24.28	82.105	24.29	82.308	24.30	82.511	24.31	82.714	24.32	82.917	24.33	83.120	24.34	83.323	24.35	83.526	24.36	83.729	24.37	83.932	24.38	84.135	24.39	84.338	24.40	84.541	24.41	84.744	24.42	84.947	24.43	85.150	24.44	85.353	24.45	85.556	24.46	85.759	24.47	85.962	24.48	86.165	24.49	86.368	24.50	86.571	24.51	86.774	24.52	86.977	24.53	87.180	24.54	87.383	24.55	87.586	24.56	87.789	24.57	87.992	24.58	88.195	24.59	88.398	24.60	88.601	24.61	88.804	24.62	89.007	24.63	89.210	24.64	89.413	24.65	89.616	24.66	89.819	24.67	90.022	24.68	90.225	24.69	90.428	24.70	90.631	24.71	90.834	24.72	91.037	24.73	91.240	24.74	91.443	24.75	91.646	24.76	91.849	24.77	92.052	24.78	92.255	24.79	92.458	24.80	92.661	24.81	92.864	24.82	93.067	24.83	93.270	24.84	93.473	24.85	93.676	24.86	93.879	24.87	94.082	24.88	94.285	24.89	94.488	24.90	94.691	24.91	94.894	24.92	95.097	24.93	95.300	24.94	95.503	24.95	95.706	24.96	95.909	24.97	96.112	24.98	96.315	24.99	96.518	25.00	96.721	25.01	96.924	25.02	97.127	25.03	97.330	25.04	97.533	25.05	97.736	25.06	97.939	25.07	98.142	25.08	98.345	25.09	98.548	25.10	98.751	25.11	98.954	25.12	99.157	25.13	99.360	25.14	99.563	25.15	99.766	25.16	99.969	25.17	100.172	25.18	100.375	25.19	100.578	25.20	100.781	25.21	100.984	25.22	101.187	25.23	101.390	25.24	101.593	25.25	101.796	25.26	102.000	25.27	102.203	25.28	102.406	25.29	102.609	25.30	102.812	25.31	103.015	25.32	103.218	25.33	103.421	25.34	103.624	25.35	103.827	25.36	104.030	25.37	104.233	25.38	104.436	25.39	104.639	25.40	104.842	25.41	105.045	25.42	105.248	25.43	105.451	25.44	105.654	25.45	105.857	25.46	106.060	25.47	106.263	25.48	106.466	25.49	106.669	25.50	106.872	25.51	107.075	25.52	107.278	25.53	107.481	25.54	107.684	25.55	107.887	25.56	108.090	25.57	108.293	25.58	108.496	25.59	108.699	25.60	108.902	25.61	109.105	25.62	109.308	25.63	109.511	25.64	109.714	25.65	109.917	25.66	110.120	25.67	110.323	25.68	110.526	25.69	110.729	25.70	110.932	25.71	111.135	25.72	111.338	25.73	111.541	25.74	111.744	25.75	111.947	25.76	112.150	25.77	112.353	25.78	112.556	25.79	112.759	25.80	112.962	25.81	113.165	25.82	113.368	25.83	113.571	25.84	113.774	25.85	113.977	25.86	114.180	25.87	114.383	25.88	114.586	25.89	114.789	25.90	114.992	25.91	115.195	25.92	115.398	25.93	115.601	25.94	115.804	25.95	116.007	25.96	116.210	25.97	116.413	25.98	116.616	25.99	116.819	26.00	117.022	26.01	117.225	26.02
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379	30.24	-2.270	30.25	-3.488	30.26	-4.545	30.27	-5.525	30.28	-6.505	30.29	-7.485	30.30	-8.466	30.31	-9.446
380	30.32	-9.665	30.33	-9.884	30.34	-10.102	30.35	-10.321	30.36	-10.540	30.37	-10.759	30.38	-10.978	30.39	-11.197
381	30.40	-8.151	30.41	-8.620	30.42	-9.089	30.43	-9.558	30.44	-10.027	30.45	-10.496	30.46	-10.965	30.47	-11.434
382	30.48	-10.811	30.49	-10.916	30.50	-11.021	30.51	-11.126	30.52	-11.231	30.53	-11.336	30.54	-11.441	30.55	-11.546
383	30.56	-5.735	30.57	-6.177	30.58	-6.619	30.59	-7.061	30.60	-7.503	30.61	-7.945	30.62	-8.387	30.63	-8.829
384	30.64	-1.210	30.65	-0.672	30.66	0.196	30.67	0.996	30.68	1.796	30.69	2.596	30.70	3.396	30.71	4.196
385	30.72	2.672	30.73	3.922	30.74	4.972	30.75	5.972	30.76	6.972	30.77	7.972	30.78	8.972	30.79	9.972
386	30.80	7.072	30.81	7.072	30.82	6.295	30.83	5.418	30.84	4.541	30.85	3.664	30.86	2.787	30.87	1.910
387	30.88	4.027	30.89	4.447	30.90	4.867	30.91	5.287	30.92	5.707	30.93	6.127	30.94	6.547	30.95	6.967
388	30.96	4.629	30.97	4.089	30.98	3.550	30.99	3.011	31.00	2.472	31.01	1.933	31.02	1.394	31.03	0.855
389	31.04	2.005	31.05	1.804	31.06	1.602	31.07	1.401	31.08	1.199	31.09	0.998	31.10	0.797	31.11	0.596
390	31.12	5.356	31.13	2.613	31.14	0.270	31.15	-2.273	31.16	-4.816	31.17	-7.359	31.18	-9.902	31.19	-12.445
391	31.20	-4.923	31.21	-3.130	31.22	-2.650	31.23	-1.652	31.24	-0.654	31.25	0.344	31.26	1.346	31.27	2.348
392	31.28	3.220	31.29	1.925	31.30	0.631	31.31	-0.664	31.32	-1.959	31.33	-3.254	31.34	-4.549	31.35	-5.844
393	31.36	2.065	31.37	2.495	31.38	2.925	31.39	3.355	31.40	3.785	31.41	4.215	31.42	4.645	31.43	5.075
394	31.44	7.840	31.45	8.435	31.46	9.030	31.47	9.625	31.48	10.220	31.49	10.815	31.50	11.410	31.51	12.005
395	31.52	9.815	31.53	9.958	31.54	11.245	31.55	11.388	31.56	11.531	31.57	11.674	31.58	11.817	31.59	11.960
396	31.60	10.959	31.61	11.102	31.62	12.389	31.63	12.532	31.64	12.675	31.65	12.818	31.66	12.961	31.67	13.104
397	31.68	12.103	31.69	12.246	31.70	13.679	31.71	13.822	31.72	13.965	31.73	14.108	31.74	14.251	31.75	14.394
398	31.76	13.527	31.77	2.603	31.78	1.679	31.79	0.456	31.80	-2.590	31.81	-5.133	31.82	-7.676	31.83	-10.219
399	31.84	-0.491	31.85	0.034	31.86	0.559	31.87	1.084	31.88	1.609	31.89	2.134	31.90	2.659	31.91	3.184
400	31.92	-6.847	31.93	-7.228	31.94	-7.609	31.95	-7.990	31.96	-8.371	31.97	-8.752	31.98	-9.133	31.99	-9.514
401	32.00	-12.216	32.01	-13.371	32.02	-14.526	32.03	-15.681	32.04	-16.836	32.05	-17.991	32.06	-19.146	32.07	-20.301
402	32.08	-16.521	32.09	-15.716	32.10	-14.911	32.11	-14.106	32.12	-13.301	32.13	-12.496	32.14	-11.691	32.15	-10.886
403	32.16	-11.311	32.17	-10.676	32.18	-10.041	32.19	-9.406	32.20	-8.771	32.21	-8.136	32.22	-7.501	32.23	-6.866
404	32.24	-5.164	32.25	-3.545	32.26	-1.927	32.27	-0.308	32.28	1.311	32.29	2.930	32.30	4.549	32.31	6.168
405	32.32	2.398	32.33	3.210	32.34	4.022	32.35	4.834	32.36	5.646	32.37	6.458	32.38	7.270	32.39	8.082
406	32.40	1.312	32.41	2.102	32.42	2.892	32.43	3.682	32.44	4.472	32.45	5.262	32.46	6.052	32.47	6.842
407	32.48	3.812	32.49	3.719	32.50	3.625	32.51	3.532	32.52	3.440	32.53	3.348	32.54	3.256	32.55	3.164
408	32.56	0.233	32.57	0.455	32.58	0.677	32.59	0.900	32.60	1.122	32.61	1.344	32.62	1.567	32.63	1.789
409	32.64	2.012	32.65	2.234	32.66	2.456	32.67	2.679	32.68	2.901	32.69	3.123	32.70	3.346	32.71	3.568
410	32.72	3.368	32.73	3.484	32.74	3.601	32.75	3.718	32.76	3.835	32.77	3.952	32.78	4.069	32.79	4.186
411	32.80	7.257	32.81	7.203	32.82	7.149	32.83	7.095	32.84	7.041	32.85	6.987	32.86	6.933	32.87	6.879
412	32.88	6.824	32.89	6.770	32.90	6.716	32.91	6.662	32.92	6.608	32.93	6.554	32.94	6.500	32.95	6.446
413	32.96	-5.359	32.97	-4.799	32.98	-4.239	32.99	-3.679	33.00	-3.119	33.01	-2.559	33.02	-1.999	33.03	-1.439
414	33.04	-4.326	33.05	-4.916	33.06	-5.506	33.07	-6.096	33.08	-6.686	33.09	-7.276	33.10	-7.866	33.11	-8.456
415	33.12	-8.807	33.13	-8.159	33.14	-7.512	33.15	-6.864	33.16	-6.217	33.17	-5.569	33.18	-4.922	33.19	-4.274
416	33.20	-5.219	33.21	-5.103	33.22	-4.986	33.23	-4.870	33.24	-4.753	33.25	-4.637	33.26	-4.520	33.27	-4.404
417	33.28	1.079	33.29	1.167	33.30	1.254	33.31	1.341	33.32	1.428	33.33	1.515	33.34	1.602	33.35	1.689
418	33.36	0.518	33.37	0.892	33.38	1.265	33.39	1.638	33.40	2.012	33.41	2.385	33.42	2.758	33.43	3.131
419	33.44	0.740	33.45	0.086	33.46	0.912	33.47	1.737	33.48	2.562	33.49	3.387	33.50	4.212	33.51	5.037
420	33.52	-0.574	33.53	-1.695	33.54	-2.816	33.55	-3.937	33.56	-5.058	33.57	-6.179	33.58	-7.300	33.59	-8.421
421	33.60	-0.934	33.61	-0.138	33.62	0.659	33.63	1.455	33.64	2.251	33.65	3.047	33.66	3.843	33.67	4.639
422	33.68	5.943	33.69	6.993	33.70	8.043	33.71	9.093	33.72	10.143	33.73	11.193	33.74	12.243	33.75	13.293
423	33.76	2.058	33.77	1.148	33.78	0.238	33.79	-0.682	33.80	-1.587	33.81	-2.492	33.82	-3.397	33.83	-4.302
424	33.84	-1.520	33.85	-1.119	33.86	-0.719	33.87	-0.319	33.88	0.082	33.89	0.482	33.90	0.882	33.91	1.282
425	33.92	-4.473	33.93	-6.125	33.94	-7.777	33.95	-9.429	33.96	-11.081	33.97	-12.733	33.98	-14.385	33.99	-16.037
426	34.00	-9.994	34.01	-9.072	34.02	-8.150	34.03	-7.229	34.04	-6.307	34.05	-5.386	34.06	-4.464	34.07	-3.543
427	34.08	-4.125	34.09	-4.709	34.10	-5.292	34.11	-5.875	34.12	-6.459	34.13	-7.042	34.14	-7.625	34.15	-8.208
428	34.16	-3.420	34.17	-2.213	34.18	-1.006	34.19	0.201	34.20	1.409	34.21	2.616	34.22	3.823	34.23	5.030
429	34.24	0.126	34.25	10.596	34.26	10.406	34.27	10.330	34.28	10.254	34.29	10.178	34.30	10.102	34.31	10.026
430	34.32	9.896	34.33	10.398	34.34	10.899	34.35	11.401	34.36	11.903	34.37	12.404	34.38	12.906	34.39	13.407
431	34.40	10.689	34.41	9.581	34.42	9.248	34.43	8.916	34.44	8.584	34.45	8.252	34.46	7.920	34.47	7.588
432	34.48	4.401	34.49	4.576	34.50	4.750	34.51	4.925	34.52	5.100	34.53	5.274	34.54	5.449	34.55	5.623
433	34.56	3.875	34.57	3.163	34.58	2.452	34.59	1.740	34.60	1.029	34.61	0.317	34.62	-0.394	34.63	-1.105
434	34.64	4.995	34.65	3.910	34.66	2.825	34.67	1.740	34.68	0.655	34.69	-0.430	34.70	-1.545	34.71	-2.660
435	34.72	4.482	34.73	3.463	34.74	2.405	34.75	1.347	34.76	0.290	34.77	-0.765	34.78	-1.830	34.79	-2.895
436	34.80	2.088	34.81	5.707	34.82	6.325	34.83	6.943	34.84	7.561	34.85	8.179	34.86	8.797	34.87	9.415
437	34.88	5.326	34.89	5.608	34.90	5.890	34.91	6.172	34.92	6.454	34.93	6.736	34.94	7.018	34.95	7.300
438	34.96	-1.145	34.97	-2.311	34.98	-3.477	34.99	-4.643	35.00	-5.809	35.01	-6.975	35.02	-8.141	35.03	-9.307
439	35.04	-7.757	35.05	-8.468	35.06	-9.179	35.07	-9.890	35.08	-10.601	35.09	-11.312	35.10	-12.023	35.11	-12.734
440	35.12	-8.743	35.13	-8.235	35.14	-7.727	35.15	-7.219	35.16	-6.711	35.17	-6.203	35.18	-5.695	35.19	-5.187
441	35.20	-0.467	35.21	-7.795	35.22	-7.123	35.23	-6.451	35.24	-5.779	35.25	-5.107	35.26	-4.435	35.27	-3.763
442	35.28	-6.626	35.29	-6.393	35.30	-6.159	35.31	-5.926	35.32	-5.693	35.33	-5.459	35.34	-5.226	35.35	-4.992
443	35.36	-4.993	35.37	-4.876	35.38	-4.759	35.39	-4.642	35.40	-4.525	35.41	-4.408	35.42	-4.291	35.43	-4.174
444	35.44	-4.281	35.45	-4.614	35.46	-4.947	35.47	-5.280	35.48	-5.613	35.49	-5.946	35.50	-6.279	35.51	-6.612
445	35.52	-0.529	35.53	0.180	35.54	0.888	35.55	1.597	35.56	2.305	35.57	3.013	35.58	3.721	35.59	4.429
446	35.60	-0.677	35.61	-0.175	35.62	0.326	35.63	1.027	35.64	1.728	35.65	2.429	35.66	3.130	35.67	3.831
447	35.68	3.074	35.69	3.445	35.70	3.816	35.71	4.187	35.72	4.558	35.73	4.929	35.74	5.300	35.75	5.671
448	35.76	4.309	35.77	3.872	35.78	3.435	35.79	2.998	35.80	2.561	35.81	2.124	35.82	1.687	35.83	1.250
449	35.84	3.434	35.85	3.521	35.86	3.608	35.87	3.695	35.88	3.782	35.89	3.869	35.90	3.956		

Digitized Accelerogram of Earthquake Record with Index Number E-46 (10-4-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	1.781	0.01	2.512	0.02	3.243	0.03	2.927	0.04	2.611	0.05	2.295	0.06	2.079	0.07	1.867
2	0.08	1.682	0.09	1.478	0.10	1.274	0.11	1.070	0.12	1.144	0.13	1.218	0.14	1.292	0.15	1.366
3	0.16	1.413	0.17	1.215	0.18	1.009	0.19	0.805	0.20	1.117	0.21	0.970	0.22	0.824	0.23	-0.522
4	0.24	-0.069	0.25	-1.615	0.26	-1.204	0.27	-0.787	0.28	-0.369	0.29	0.027	0.30	0.438	0.31	-0.095
5	0.32	-0.627	0.33	-0.430	0.34	-0.232	0.35	-0.035	0.36	0.163	0.37	0.360	0.38	0.563	0.39	0.766
6	0.40	0.163	0.41	0.097	0.42	0.032	0.43	-0.034	0.44	0.169	0.45	0.362	0.46	0.563	0.47	0.766
7	0.48	1.543	0.49	1.999	0.50	2.453	0.51	2.908	0.52	3.362	0.53	3.817	0.54	4.272	0.55	4.727
8	0.56	2.229	0.57	1.946	0.58	1.663	0.59	1.371	0.60	1.079	0.61	0.786	0.62	0.494	0.63	0.202
9	0.64	0.036	0.65	-0.130	0.66	-0.295	0.67	-0.461	0.68	-0.627	0.69	-0.792	0.70	-0.957	0.71	-1.122
10	0.72	-0.534	0.73	-0.719	0.74	-0.903	0.75	-1.087	0.76	-1.272	0.77	-1.456	0.78	-1.640	0.79	-1.825
11	0.80	-2.059	0.81	-2.088	0.82	-2.167	0.83	-2.246	0.84	-2.325	0.85	-2.404	0.86	-2.483	0.87	-2.562
12	0.88	-0.626	0.89	-0.026	0.90	0.574	0.91	1.175	0.92	1.775	0.93	2.375	0.94	2.975	0.95	3.575
13	0.96	1.522	0.97	1.237	0.98	0.953	0.99	0.650	1.00	0.347	1.01	0.044	1.02	-0.259	1.03	-0.562
14	1.04	1.545	1.05	3.007	1.06	4.468	1.07	5.931	1.08	7.394	1.09	8.857	1.10	10.320	1.11	11.783
15	1.12	2.059	1.13	1.526	1.14	0.993	1.15	0.460	1.16	-0.073	1.17	-0.606	1.18	-1.139	1.19	-1.672
16	1.20	0.502	1.21	0.407	1.22	0.313	1.23	0.218	1.24	0.123	1.25	0.028	1.26	-0.067	1.27	-0.162
17	1.28	1.190	1.29	1.253	1.30	1.316	1.31	1.380	1.32	1.443	1.33	1.506	1.34	1.569	1.35	1.632
18	1.36	-0.603	1.37	-1.306	1.38	-2.009	1.39	-2.712	1.40	-3.415	1.41	-4.118	1.42	-4.821	1.43	-5.524
19	1.44	-0.089	1.45	-0.015	1.46	-0.059	1.47	-0.132	1.48	-0.206	1.49	-0.280	1.50	-0.354	1.51	-0.428
20	1.52	-0.473	1.53	-0.518	1.54	-0.563	1.55	-0.608	1.56	-0.653	1.57	-0.698	1.58	-0.743	1.59	-0.788
21	1.60	-0.744	1.61	-0.801	1.62	-0.858	1.63	-0.915	1.64	-0.972	1.65	-1.029	1.66	-1.086	1.67	-1.143
22	1.68	-0.846	1.69	-0.833	1.70	-0.821	1.71	-0.809	1.72	-0.797	1.73	-0.785	1.74	-0.773	1.75	-0.761
23	1.76	-0.547	1.77	-0.616	1.78	-0.685	1.79	-0.754	1.80	-0.823	1.81	-0.892	1.82	-0.961	1.83	-1.030
24	1.84	-0.060	1.85	-0.879	1.86	-0.891	1.87	-0.902	1.88	-0.913	1.89	-0.924	1.90	-0.935	1.91	-0.946
25	1.92	-1.165	1.93	-1.218	1.94	-1.271	1.95	-1.324	1.96	-1.377	1.97	-1.430	1.98	-1.483	1.99	-1.536
26	2.00	-1.080	2.01	-0.615	2.02	-0.151	2.03	0.355	2.04	0.869	2.05	1.383	2.06	1.897	2.07	2.411
27	2.08	1.524	2.09	1.439	2.10	1.355	2.11	1.270	2.12	1.185	2.13	1.100	2.14	1.015	2.15	0.930
28	2.16	1.496	2.17	1.541	2.18	1.586	2.19	1.631	2.20	1.676	2.21	1.721	2.22	1.766	2.23	1.811
29	2.24	3.146	2.25	3.294	2.26	3.442	2.27	3.590	2.28	3.738	2.29	3.886	2.30	4.034	2.31	4.182
30	2.32	2.692	2.33	2.192	2.34	1.692	2.35	1.192	2.36	0.692	2.37	0.192	2.38	-0.308	2.39	-0.808
31	2.40	1.783	2.41	1.737	2.42	1.691	2.43	1.645	2.44	1.599	2.45	1.553	2.46	1.507	2.47	1.461
32	2.48	0.619	2.49	0.175	2.50	-0.269	2.51	-0.713	2.52	-1.157	2.53	-1.601	2.54	-2.045	2.55	-2.489
33	2.56	1.151	2.57	1.329	2.58	1.507	2.59	1.685	2.60	1.863	2.61	2.041	2.62	2.219	2.63	2.397
34	2.64	0.678	2.65	1.231	2.66	1.784	2.67	2.337	2.68	2.890	2.69	3.443	2.70	3.996	2.71	4.549
35	2.72	2.084	2.73	2.376	2.74	2.668	2.75	2.960	2.76	3.252	2.77	3.544	2.78	3.836	2.79	4.128
36	2.80	0.730	2.81	1.060	2.82	1.389	2.83	1.718	2.84	2.047	2.85	2.376	2.86	2.705	2.87	3.034
37	2.88	1.290	2.89	1.192	2.90	1.093	2.91	0.994	2.92	0.895	2.93	0.796	2.94	0.697	2.95	0.598
38	2.96	-0.066	2.97	-0.354	2.98	-0.642	2.99	-0.930	3.00	-1.218	3.01	-1.506	3.02	-1.794	3.03	-2.082
39	3.04	-1.627	3.05	-1.730	3.06	-1.833	3.07	-1.936	3.08	-2.039	3.09	-2.142	3.10	-2.245	3.11	-2.348
40	3.12	-0.110	3.13	-0.032	3.14	-0.052	3.15	-0.109	3.16	-0.166	3.17	-0.223	3.18	-0.280	3.19	-0.337
41	3.20	-2.599	3.21	-2.707	3.22	-2.815	3.23	-2.923	3.24	-3.031	3.25	-3.139	3.26	-3.247	3.27	-3.355
42	3.28	-1.270	3.29	-1.138	3.30	-1.006	3.31	-0.874	3.32	-0.742	3.33	-0.610	3.34	-0.478	3.35	-0.346
43	3.36	-3.449	3.37	-3.429	3.38	-3.413	3.39	-3.397	3.40	-3.381	3.41	-3.365	3.42	-3.349	3.43	-3.333
44	3.44	-1.400	3.45	-0.426	3.46	0.548	3.47	1.520	3.48	2.492	3.49	3.464	3.50	4.436	3.51	5.408
45	3.52	1.988	3.53	1.695	3.54	1.401	3.55	1.108	3.56	0.814	3.57	0.521	3.58	0.228	3.59	-0.065
46	3.60	1.208	3.61	1.437	3.62	1.665	3.63	1.893	3.64	2.121	3.65	2.349	3.66	2.577	3.67	2.805
47	3.68	2.999	3.69	2.930	3.70	2.861	3.71	2.792	3.72	2.723	3.73	2.654	3.74	2.585	3.75	2.516
48	3.76	1.708	3.77	1.996	3.78	2.285	3.79	2.574	3.80	2.863	3.81	3.152	3.82	3.441	3.83	3.730
49	3.84	2.670	3.85	2.283	3.86	1.896	3.87	1.509	3.88	1.122	3.89	0.735	3.90	0.348	3.91	-0.039
50	3.92	0.590	3.93	0.609	3.94	0.628	3.95	0.647	3.96	0.666	3.97	0.685	3.98	0.704	3.99	0.723
51	4.00	3.997	4.01	3.405	4.02	2.813	4.03	2.221	4.04	1.629	4.05	1.037	4.06	0.445	4.07	-0.147
52	4.08	1.233	4.09	0.482	4.10	-0.268	4.11	-0.973	4.12	-1.678	4.13	-2.383	4.14	-3.088	4.15	-3.793
53	4.16	-0.466	4.17	0.245	4.18	0.949	4.19	1.653	4.20	2.357	4.21	3.061	4.22	3.765	4.23	4.469
54	4.24	-2.673	4.25	-2.026	4.26	-1.379	4.27	-0.732	4.28	-0.085	4.29	0.562	4.30	1.256	4.31	1.950
55	4.32	-3.902	4.33	-3.403	4.34	-2.904	4.35	-2.405	4.36	-1.906	4.37	-1.407	4.38	-0.908	4.39	-0.409
56	4.40	-4.454	4.41	-4.206	4.42	-3.958	4.43	-3.710	4.44	-3.462	4.45	-3.214	4.46	-2.966	4.47	-2.718
57	4.48	-1.900	4.49	-2.071	4.50	-2.242	4.51	-2.413	4.52	-2.584	4.53	-2.755	4.54	-2.926	4.55	-3.097
58	4.56	-1.847	4.57	-1.307	4.58	-0.768	4.59	-0.229	4.60	0.310	4.61	0.851	4.62	1.392	4.63	1.933
59	4.64	0.768	4.65	1.233	4.66	1.698	4.67	2.163	4.68	2.628	4.69	3.093	4.70	3.558	4.71	4.023
60	4.72	4.783	4.73	3.169	4.74	1.555	4.75	-0.069	4.76	-1.693	4.77	-3.317	4.78	-4.941	4.79	-6.565
61	4.80	3.157	4.81	3.556	4.82	3.955	4.83	4.354	4.84	4.753	4.85	5.152	4.86	5.551	4.87	5.950
62	4.88	5.855	4.89	4.531	4.90	3.208	4.91	1.865	4.92	0.522	4.93	-0.821	4.94	-2.160	4.95	-3.499
63	4.96	2.932	4.97	2.948	4.98	2.964	4.99	2.979	5.00	2.995	5.01	3.011	5.02	3.027	5.03	3.043
64	5.04	3.366	5.05	3.485	5.06	3.603	5.07	3.722	5.08	3.841	5.09	3.960	5.10	4.079	5.11	4.198
65	5.12	1.181	5.13	1.720	5.14	2.260	5.15	2.800	5.16	3.340	5.17	3.880	5.18	4.420	5.19	4.960
66	5.20	-1.017	5.21	-0.622	5.22	-0.227	5.23	0.167	5.24	0.562	5.25	0.957	5.26	1.352	5.27	1.747
67	5.28	-1.412	5.29	-1.396	5.30	-1.380	5.31	-1.365	5.32	-1.349	5.33	-1.333	5.34	-1.317	5.35	-1.301
68	5.36	-3.499	5.37	-3.888	5.38	-4.277	5.39	-4.666	5.40	-5.055	5.41	-5.444	5.42	-5.833	5.43	-6.222
69	5.44	-5.611	5.45	-5.490	5.46	-5.369	5.47	-5.248	5.48	-5.127	5.49	-5.006	5.50	-4.885	5.51	-4.764
70	5.52	-2.446	5.53	-2.146	5.54	-1.846	5.55	-1.546	5.56	-1.246	5.57	-0.946	5.58	-0.646	5.59	-0.346
71	5.60	-3.525	5.61	-3.492	5.62	-3.459	5.63	-3.426	5.64	-3.393	5.65	-3.360	5.66	-3.327	5.67	-3.294
72	5.68	-2.274	5.69	-2.044	5.70	-1.814	5.71	-1.584	5.72	-1.354	5.73	-1.124	5.74	-0.894	5.75	-0.664
73	5.76	1.609	5.77	2.291	5.78	2.972	5.79	3.654	5.80	4.336	5.81	5.018	5.82	5.700	5.83	6.382
74	5.84	3.051	5.85	4.137	5.86	5.224	5.87	6.310	5.88	7.396	5.89	8.482	5.90	9.568	5.91	10.654
75	5.92	6.665	5.93													

127	10.08	1.516	10.09	2.266	10.10	2.076	10.11	1.087	10.12	1.697	10.13	1.508	10.14	1.318	10.15	0.666
128	10.16	0.814	10.17	-0.310	10.18	-0.633	10.19	-0.957	10.20	-1.280	10.21	-1.604	10.22	-0.775	10.23	0.094
129	10.24	-0.828	10.25	-1.709	10.26	-2.591	10.27	-3.473	10.28	-4.355	10.29	-5.237	10.30	-6.119	10.31	-6.994
130	10.32	-5.158	10.33	-5.534	10.34	-5.909	10.35	-6.284	10.36	-6.659	10.37	-7.034	10.38	-7.409	10.39	-7.784
131	10.40	-4.148	10.41	-4.523	10.42	-4.898	10.43	-5.273	10.44	-5.648	10.45	-6.023	10.46	-6.398	10.47	-6.773
132	10.48	0.436	10.49	0.700	10.50	0.963	10.51	1.227	10.52	1.490	10.53	1.754	10.54	2.017	10.55	2.281
133	10.56	0.107	10.57	0.950	10.58	1.792	10.59	2.634	10.60	3.476	10.61	4.318	10.62	5.160	10.63	6.002
134	10.64	7.046	10.65	6.414	10.66	5.782	10.67	5.150	10.68	4.518	10.69	3.886	10.70	3.254	10.71	2.622
135	10.72	3.017	10.73	3.412	10.74	4.479	10.75	4.657	10.76	4.835	10.77	5.012	10.78	5.190	10.79	5.368
136	10.80	6.236	10.81	6.760	10.82	7.283	10.83	8.587	10.84	9.890	10.85	9.416	10.86	8.942	10.87	8.468
137	10.88	7.994	10.89	7.520	10.90	6.454	10.91	5.387	10.92	4.321	10.93	3.254	10.94	2.187	10.95	1.120
138	10.96	-1.505	10.97	-2.502	10.98	-3.499	10.99	-4.496	11.00	-5.493	11.01	-6.490	11.02	-7.487	11.03	-8.484
139	11.04	-4.191	11.05	-4.408	11.06	-4.625	11.07	-4.842	11.08	-5.059	11.09	-5.276	11.10	-5.493	11.11	-5.710
140	11.12	-8.910	11.13	-9.792	11.14	-10.674	11.15	-11.556	11.16	-12.438	11.17	-13.320	11.18	-14.202	11.19	-15.084
141	11.20	-7.172	11.21	-4.965	11.22	-2.758	11.23	-0.551	11.24	1.656	11.25	3.863	11.26	6.070	11.27	8.277
142	11.28	3.687	11.29	2.899	11.30	1.911	11.31	0.924	11.32	2.175	11.33	3.426	11.34	4.677	11.35	5.928
143	11.36	4.535	11.37	4.463	11.38	4.392	11.39	4.321	11.40	3.926	11.41	3.531	11.42	3.136	11.43	2.741
144	11.44	3.531	11.45	3.729	11.46	2.794	11.47	1.859	11.48	0.924	11.49	0.245	11.50	-0.434	11.51	-1.114
145	11.52	-1.793	11.53	-2.472	11.54	-2.963	11.55	-3.454	11.56	-3.945	11.57	-4.436	11.58	-4.927	11.59	-5.418
146	11.60	-5.908	11.61	-6.428	11.62	-6.948	11.63	-7.468	11.64	-7.988	11.65	-8.508	11.66	-9.028	11.67	-9.548
147	11.68	-10.059	11.69	-11.033	11.70	-11.043	11.71	-11.053	11.72	-11.063	11.73	-11.073	11.74	-11.083	11.75	-11.093
148	11.76	-4.479	11.77	-4.259	11.78	-4.039	11.79	-3.819	11.80	-3.599	11.81	-3.379	11.82	-3.159	11.83	-2.939
149	11.84	-3.972	11.85	-2.827	11.86	-1.721	11.87	-0.615	11.88	0.491	11.89	1.587	11.90	2.683	11.91	3.779
150	11.92	1.359	11.93	1.359	11.94	1.359	11.95	0.471	11.96	-0.417	11.97	-1.313	11.98	-2.209	11.99	-3.105
151	12.00	1.794	12.01	2.821	12.02	3.648	12.03	3.461	12.04	3.074	12.05	2.687	12.06	2.300	12.07	1.913
152	12.08	1.886	12.09	1.818	12.10	1.771	12.11	1.723	12.12	1.676	12.13	1.795	12.14	1.913	12.15	2.031
153	12.16	2.150	12.17	2.269	12.18	2.387	12.19	2.466	12.20	2.545	12.21	2.624	12.22	2.703	12.23	2.782
154	12.24	3.303	12.25	3.025	12.26	4.346	12.27	4.863	12.28	5.380	12.29	5.897	12.30	6.414	12.31	6.931
155	12.32	-1.733	12.33	-1.799	12.34	-1.041	12.35	-0.283	12.36	0.476	12.37	1.234	12.38	1.992	12.39	2.750
156	12.40	3.114	12.41	3.675	12.42	4.236	12.43	4.797	12.44	5.358	12.45	5.919	12.46	6.480	12.47	7.041
157	12.48	3.513	12.49	3.217	12.50	2.920	12.51	2.624	12.52	2.327	12.53	2.030	12.54	1.733	12.55	1.436
158	12.56	2.032	12.57	2.650	12.58	3.268	12.59	3.886	12.60	4.504	12.61	5.122	12.62	5.740	12.63	6.358
159	12.64	-1.073	12.65	-2.210	12.66	-3.347	12.67	-4.484	12.68	-5.621	12.69	-6.758	12.70	-7.895	12.71	-9.032
160	12.72	-0.614	12.73	-1.917	12.74	-3.221	12.75	-4.524	12.76	-5.827	12.77	-7.130	12.78	-8.433	12.79	-9.736
161	12.80	-3.787	12.81	-3.760	12.82	-3.734	12.83	-2.691	12.84	-1.649	12.85	-0.606	12.86	0.436	12.87	1.479
162	12.88	2.677	12.89	3.876	12.90	5.074	12.91	6.272	12.92	7.470	12.93	8.668	12.94	9.866	12.95	11.064
163	12.96	5.568	12.97	6.141	12.98	6.713	12.99	7.286	13.00	7.859	13.01	8.432	13.02	9.005	13.03	9.578
164	13.04	-1.957	13.05	-4.721	13.06	-7.485	13.07	-10.249	13.08	-13.013	13.09	-15.777	13.10	-18.541	13.11	-21.305
165	13.12	-5.155	13.13	-4.919	13.14	-4.683	13.15	-4.447	13.16	-4.211	13.17	-3.975	13.18	-3.739	13.19	-3.503
166	13.20	-1.581	13.21	-2.575	13.22	-3.569	13.23	-4.563	13.24	-5.557	13.25	-6.551	13.26	-7.545	13.27	-8.539
167	13.28	-1.189	13.29	-1.890	13.30	-2.591	13.31	-3.292	13.32	-3.993	13.33	-4.694	13.34	-5.395	13.35	-6.096
168	13.36	-1.403	13.37	-2.185	13.38	-2.967	13.39	-3.749	13.40	-4.531	13.41	-5.313	13.42	-6.095	13.43	-6.877
169	13.44	-6.735	13.45	-7.209	13.46	-7.683	13.47	-8.157	13.48	-8.631	13.49	-9.105	13.50	-9.579	13.51	-10.053
170	13.52	2.764	13.53	3.731	13.54	4.698	13.55	5.665	13.56	6.632	13.57	7.599	13.58	8.566	13.59	9.533
171	13.60	9.617	13.61	8.616	13.62	7.615	13.63	6.614	13.64	5.613	13.65	4.612	13.66	3.611	13.67	2.610
172	13.68	5.746	13.69	4.363	13.70	2.980	13.71	1.597	13.72	0.214	13.73	-1.169	13.74	-2.552	13.75	-3.935
173	13.76	-1.106	13.77	-0.524	13.78	0.050	13.79	0.624	13.80	1.198	13.81	1.772	13.82	2.346	13.83	2.920
174	13.84	-3.275	13.85	-3.496	13.86	-3.717	13.87	-3.938	13.88	-4.159	13.89	-4.380	13.90	-4.601	13.91	-4.822
175	13.92	-5.026	13.93	-4.167	13.94	-3.308	13.95	-2.449	13.96	-1.590	13.97	-0.731	13.98	0.128	13.99	0.989
176	14.00	1.350	14.01	1.255	14.02	1.159	14.03	1.063	14.04	0.967	14.05	0.871	14.06	0.775	14.07	0.679
177	14.08	-2.192	14.09	-2.982	14.10	-3.772	14.11	-4.562	14.12	-5.352	14.13	-6.142	14.14	-6.932	14.15	-7.722
178	14.16	-0.316	14.17	-1.155	14.18	-1.994	14.19	-2.833	14.20	-3.672	14.21	-4.511	14.22	-5.350	14.23	-6.189
179	14.24	0.770	14.25	1.540	14.26	2.311	14.27	3.081	14.28	3.851	14.29	4.621	14.30	5.391	14.31	6.161
180	14.32	-0.928	14.33	-1.797	14.34	-2.666	14.35	-3.535	14.36	-4.404	14.37	-5.273	14.38	-6.142	14.39	-7.011
181	14.40	4.246	14.41	4.720	14.42	5.194	14.43	5.668	14.44	6.142	14.45	6.616	14.46	7.090	14.47	7.564
182	14.48	1.204	14.49	1.797	14.50	2.389	14.51	2.981	14.52	3.573	14.53	4.165	14.54	4.757	14.55	5.349
183	14.56	5.602	14.57	6.207	14.58	6.813	14.59	7.418	14.60	8.023	14.61	8.628	14.62	9.233	14.63	9.838
184	14.64	3.691	14.65	3.318	14.66	2.945	14.67	2.572	14.68	2.199	14.69	1.826	14.70	1.453	14.71	1.080
185	14.72	6.774	14.73	4.957	14.74	3.140	14.75	1.323	14.76	-0.494	14.77	-2.311	14.78	-4.128	14.79	-5.945
186	14.80	1.936	14.81	2.271	14.82	2.606	14.83	2.941	14.84	3.276	14.85	3.611	14.86	3.946	14.87	4.281
187	14.88	-0.651	14.89	-2.566	14.90	-4.481	14.91	-6.396	14.92	-8.311	14.93	-10.226	14.94	-12.141	14.95	-14.056
188	14.96	-6.707	14.97	-4.245	14.98	-1.783	14.99	0.681	15.00	3.039	15.01	5.397	15.02	7.755	15.03	10.113
189	15.04	3.061	15.05	3.061	15.06	3.061	15.07	2.951	15.08	2.841	15.09	2.730	15.10	2.620	15.11	2.509
190	15.12	4.140	15.13	5.788	15.14	7.427	15.15	9.066	15.16	10.705	15.17	12.344	15.18	13.983	15.19	15.622
191	15.20	2.515	15.21	1.205	15.22	1.758	15.23	2.311	15.24	2.864	15.25	3.417	15.26	3.970	15.27	4.523
192	15.28	0.819	15.29	-0.856	15.30	-2.530	15.31	-4.203	15.32	-5.876	15.33	-7.549	15.34	-9.222	15.35	-10.895
193	15.36	-12.500	15.37	-12.095	15.38	-11.690	15.39	-11.285	15.40	-10.880	15.41	-10.475	15.42	-10.070	15.43	-9.665
194	15.44	-15.877	15.45	-15.838	15.46	-15.799	15.47	-15.760	15.48	-15.721	15.49	-15.682	15.50	-15.643	15.51	-15.604
195	15.52	-15.549	15.53	-15.156	15.54	-14.763	15.55	-14.370	15.56	-13.977	15.57	-13.584	15.58	-13.191	15.59	-12.798
196	15.60	-7.246	15.61	-1.295	15.62	7.345	15.63	7.345	15.64	7.345	15.65	7.345	15.66	7.345	15.67	7.345
197	15.68	0.263	15.69	4.129	15.70	7.605	15.71	11.081	15.72	14.557	15.73	18.033	15.74	21.509	15.75	24.985
198	15															

253	20.16	14.403	20.17	12.063	20.18	11.244	20.19	9.151	20.20	7.057	20.21	7.452	20.22	7.647	20.23	8.242
254	20.24	11.481	20.25	11.947	20.26	12.413	20.27	12.880	20.28	13.346	20.29	13.812	20.30	6.420	20.31	5.028
255	20.32	11.356	20.33	11.740	20.34	12.120	20.35	12.587	20.36	13.054	20.37	13.521	20.38	6.332	20.39	5.449
256	20.40	11.229	20.41	11.608	20.42	12.000	20.43	12.467	20.44	12.934	20.45	13.401	20.46	6.244	20.47	5.360
257	20.48	11.102	20.49	11.481	20.50	11.860	20.51	12.327	20.52	12.794	20.53	13.261	20.54	6.156	20.55	5.271
258	20.56	10.975	20.57	11.354	20.58	11.733	20.59	12.199	20.60	12.666	20.61	13.133	20.62	6.072	20.63	5.182
259	20.64	10.848	20.65	11.227	20.66	11.606	20.67	12.075	20.68	12.542	20.69	13.009	20.70	5.988	20.71	5.093
260	20.72	10.721	20.73	11.099	20.74	11.478	20.75	11.945	20.76	12.412	20.77	12.879	20.78	5.904	20.79	5.004
261	20.80	10.594	20.81	10.973	20.82	11.352	20.83	11.819	20.84	12.286	20.85	12.753	20.86	5.820	20.87	4.915
262	20.88	10.467	20.89	10.846	20.90	11.229	20.91	11.696	20.92	12.163	20.93	12.630	20.94	5.736	20.95	4.826
263	20.96	10.340	20.97	10.719	20.98	11.102	20.99	11.569	21.00	12.036	21.01	12.503	21.02	5.652	21.03	4.737
264	21.04	10.213	21.05	10.592	21.06	10.971	21.07	11.438	21.08	11.905	21.09	12.372	21.10	5.568	21.11	4.648
265	21.12	10.086	21.13	10.465	21.14	10.844	21.15	11.311	21.16	11.778	21.17	12.245	21.18	5.484	21.19	4.559
266	21.20	9.959	21.21	10.338	21.22	10.717	21.23	11.188	21.24	11.655	21.25	12.122	21.26	5.400	21.27	4.470
267	21.28	9.832	21.29	10.211	21.30	10.590	21.31	11.060	21.32	11.527	21.33	11.994	21.34	5.316	21.35	4.381
268	21.36	9.705	21.37	10.084	21.38	10.463	21.39	10.937	21.40	11.404	21.41	11.871	21.42	5.232	21.43	4.292
269	21.44	9.578	21.45	9.957	21.46	10.336	21.47	10.810	21.48	11.281	21.49	11.748	21.50	5.148	21.51	4.203
270	21.52	9.451	21.53	9.830	21.54	10.209	21.55	10.683	21.56	11.154	21.57	11.621	21.58	5.064	21.59	4.114
271	21.60	9.324	21.61	9.703	21.62	10.082	21.63	10.555	21.64	11.025	21.65	11.492	21.66	4.980	21.67	4.025
272	21.68	9.197	21.69	9.576	21.70	9.955	21.71	10.428	21.72	10.899	21.73	11.366	21.74	4.896	21.75	3.936
273	21.76	9.070	21.77	9.449	21.78	9.828	21.79	10.301	21.80	10.772	21.81	11.233	21.82	4.812	21.83	3.847
274	21.84	8.943	21.85	9.322	21.86	9.701	21.87	10.174	21.88	10.645	21.89	11.100	21.90	4.728	21.91	3.758
275	21.92	8.816	21.93	9.195	21.94	9.574	21.95	10.047	21.96	10.518	21.97	11.025	21.98	4.644	21.99	3.669
276	21.96	8.689	21.97	9.068	21.98	9.447	21.99	9.920	22.00	10.391	22.01	10.952	22.02	4.560	22.03	3.580
277	22.04	8.562	22.05	8.941	22.06	9.320	22.07	9.793	22.08	10.264	22.09	10.825	22.10	4.476	22.11	3.491
278	22.12	8.435	22.13	8.814	22.14	9.193	22.15	9.666	22.16	10.137	22.17	10.708	22.18	4.392	22.19	3.402
279	22.20	8.308	22.21	8.687	22.22	9.066	22.23	9.539	22.24	10.010	22.25	10.581	22.26	4.308	22.27	3.313
280	22.28	8.181	22.29	8.560	22.30	8.939	22.31	9.412	22.32	9.883	22.33	10.454	22.34	4.224	22.35	3.224
281	22.36	8.054	22.37	8.438	22.38	8.817	22.39	9.290	22.40	9.761	22.41	10.322	22.42	4.140	22.43	3.135
282	22.44	7.927	22.45	8.311	22.46	8.694	22.47	9.171	22.48	9.642	22.49	10.203	22.50	4.056	22.51	3.046
283	22.52	7.800	22.53	8.184	22.54	8.567	22.55	9.044	22.56	9.515	22.57	10.076	22.58	3.972	22.59	2.957
284	22.56	7.673	22.57	8.057	22.58	8.440	22.59	8.917	22.60	9.388	22.61	9.949	22.62	3.888	22.63	2.868
285	22.64	7.546	22.65	7.930	22.66	8.313	22.67	8.790	22.68	9.261	22.69	9.822	22.70	3.804	22.71	2.779
286	22.72	7.419	22.73	7.803	22.74	8.186	22.75	8.663	22.76	9.134	22.77	9.695	22.78	3.720	22.79	2.690
287	22.80	7.292	22.81	7.676	22.82	8.059	22.83	8.536	22.84	9.007	22.85	9.568	22.86	3.636	22.87	2.601
288	22.88	7.165	22.89	7.549	22.90	7.932	22.91	8.409	22.92	8.880	22.93	9.441	22.94	3.552	22.95	2.512
289	22.96	7.038	22.97	7.422	22.98	7.805	22.99	8.282	23.00	8.753	23.01	9.314	23.02	3.468	23.03	2.423
290	23.04	6.911	23.05	7.295	23.06	7.678	23.07	8.155	23.08	8.626	23.09	9.187	23.10	3.384	23.11	2.334
291	23.12	6.784	23.13	7.168	23.14	7.551	23.15	8.028	23.16	8.499	23.17	9.060	23.18	3.300	23.19	2.245
292	23.20	6.657	23.21	7.042	23.22	7.418	23.23	7.895	23.24	8.366	23.25	8.927	23.26	3.216	23.27	2.156
293	23.28	6.530	23.29	6.916	23.30	7.291	23.31	7.768	23.32	8.239	23.33	8.800	23.34	3.132	23.35	2.067
294	23.36	6.403	23.37	6.789	23.38	7.164	23.39	7.641	23.40	8.112	23.41	8.673	23.42	3.048	23.43	1.978
295	23.44	6.276	23.45	6.662	23.46	7.037	23.47	7.514	23.48	7.985	23.49	8.546	23.50	2.964	23.51	1.889
296	23.52	6.149	23.53	6.535	23.54	6.910	23.55	7.387	23.56	7.858	23.57	8.419	23.58	2.880	23.59	1.800
297	23.60	6.022	23.61	6.408	23.62	6.783	23.63	7.260	23.64	7.731	23.65	8.292	23.66	2.796	23.67	1.711
298	23.68	5.895	23.69	6.281	23.70	6.656	23.71	7.133	23.72	7.604	23.73	8.165	23.74	2.712	23.75	1.622
299	23.76	5.768	23.77	6.154	23.78	6.529	23.79	7.006	23.80	7.477	23.81	8.038	23.82	2.628	23.83	1.533
300	23.84	5.641	23.85	6.027	23.86	6.402	23.87	6.879	23.88	7.350	23.89	7.911	23.90	2.544	23.91	1.444
301	23.92	5.514	23.93	5.899	23.94	6.275	23.95	6.752	23.96	7.223	23.97	7.784	23.98	2.460	23.99	1.355
302	24.00	5.387	24.01	5.772	24.02	6.148	24.03	6.625	24.04	7.096	24.05	7.657	24.06	2.376	24.07	1.266
303	24.08	5.260	24.09	5.645	24.10	6.020	24.11	6.497	24.12	6.968	24.13	7.529	24.14	2.292	24.15	1.177
304	24.16	5.133	24.17	5.518	24.18	5.893	24.19	6.370	24.20	6.841	24.21	7.402	24.22	2.208	24.23	1.088
305	24.24	5.006	24.25	5.391	24.26	5.766	24.27	6.243	24.28	6.714	24.29	7.275	24.30	2.124	24.31	0.999
306	24.32	4.879	24.33	5.264	24.34	5.639	24.35	6.116	24.36	6.587	24.37	7.148	24.38	2.040	24.39	0.910
307	24.40	4.752	24.41	5.137	24.42	5.512	24.43	5.989	24.44	6.460	24.45	6.991	24.46	1.956	24.47	0.821
308	24.48	4.625	24.49	5.010	24.50	5.385	24.51	5.862	24.52	6.333	24.53	6.864	24.54	1.872	24.55	0.732
309	24.56	4.498	24.57	4.883	24.58	5.258	24.59	5.735	24.60	6.206	24.61	6.737	24.62	1.788	24.63	0.643
310	24.64	4.371	24.65	4.756	24.66	5.131	24.67	5.608	24.68	6.079	24.69	6.610	24.70	1.704	24.71	0.554
311	24.72	4.244	24.73	4.629	24.74	5.004	24.75	5.481	24.76	5.952	24.77	6.483	24.78	1.620	24.79	0.465
312	24.80	4.117	24.81	4.502	24.82	4.877	24.83	5.354	24.84	5.825	24.85	6.356	24.86	1.536	24.87	0.376
313	24.88	3.990	24.89	4.375	24.90	4.750	24.91	5.227	24.92	5.698	24.93	6.229	24.94	1.452	24.95	0.287
314	24.96	3.863	24.97	4.248	24.98	4.623	24.99	5.100	25.00	5.571	25.01	6.102	25.02	1.368	25.03	0.198
315	25.04	3.736	25.05	4.123	25.06	4.498	25.07	4.975	25.08	5.446	25.09	5.977	25.10	1.284	25.11	0.109
316	25.12	3.609	25.13	3.994	25.14	4.369	25.15	4.846	25.16	5.317	25.17	5.848	25.18	1.200	25.19	0.020
317	25.20	3.482	25.21	3.867	25.22	4.242	25.23	4.719	25.24	5.190	25.25	5.721	25.26	1.116	25.27	-0.069
318	25.28	3.355	25.29	3.740	25.30	4.115	25.31	4.592	25.32	5.063	25.33	5.594	25.34	1.032	25.35	-0.140
319	25.36	3.228	25.37	3.613	25.38	3.988	25.39	4.465	25.40	4.936	25.41	5.467	25.42	0.948	25.43	-0.211
320	25.44	3.101	25.45	3.486	25.46	3.861	25.47	4.338	25.48	4.809	25.49	5.340	25.50	0.864	25.51	-0.272
321	25.52	2.974	25.53	3.359	25.54	3.734	25.55	4.211	25.56	4.682	25.57	5.213	25.58	0.780	25.59	-0.333
322	25.60	2.847	25.61	3.232	25.62	3.607	25.63	4.084	25.64	4.555	25.65	5.086	25.66	0.696	25.67	-0.394
323	25.68	2.720	25.69	3.105	25.70	3.480	25.71	3.957	25.72	4.428	25.73					

379	30.24	-6.383	30.25	-6.478	30.26	-6.725	30.27	-6.972	30.28	-7.219	30.29	-7.466	30.30	-7.727	30.31	-7.948
380	30.32	-6.839	30.33	-6.631	30.34	-6.422	30.35	-6.213	30.36	-6.004	30.37	-5.795	30.38	-5.586	30.39	-5.377
381	30.40	-6.424	30.41	-6.029	30.42	-5.263	30.43	-4.497	30.44	-3.730	30.45	-2.964	30.46	-2.198	30.47	-1.432
382	30.48	1.177	30.49	0.684	30.50	0.694	30.51	0.505	30.52	0.315	30.53	-0.119	30.54	-0.554	30.55	-0.988
383	30.56	1.177	30.57	1.132	30.58	2.092	30.59	2.083	30.60	3.673	30.61	2.705	30.62	1.737	30.63	1.147
384	30.64	1.216	30.65	0.955	30.66	0.695	30.67	0.434	30.68	-0.808	30.69	-1.422	30.70	-2.350	30.71	-3.278
385	30.72	-3.397	30.73	-3.315	30.74	-3.634	30.75	-3.752	30.76	-3.871	30.77	-3.200	30.78	-2.528	30.79	-1.698
386	30.80	-1.047	30.81	-0.395	30.82	-0.882	30.83	-1.369	30.84	-1.856	30.85	-1.639	30.86	-1.422	30.87	-1.204
387	30.88	-0.987	30.89	-0.616	30.90	-0.245	30.91	0.126	30.92	0.497	30.93	0.868	30.94	2.409	30.95	3.949
388	30.96	5.490	30.97	6.688	30.98	7.886	30.99	9.084	31.00	9.084	31.01	9.045	31.02	9.026	31.03	9.006
389	31.04	9.283	31.05	9.559	31.06	9.835	31.07	10.112	31.08	10.955	31.09	11.797	31.10	12.640	31.11	12.482
390	31.12	12.324	31.13	12.166	31.14	12.008	31.15	11.850	31.16	12.995	31.17	14.141	31.18	14.997	31.19	15.852
391	31.20	16.708	31.21	15.958	31.22	15.207	31.23	14.457	31.24	13.930	31.25	13.404	31.26	12.877	31.27	11.402
392	31.28	9.928	31.29	6.453	31.30	7.552	31.31	6.652	31.32	5.751	31.33	4.851	31.34	3.950	31.35	3.961
393	31.36	3.073	31.37	3.984	31.38	3.995	31.39	4.006	31.40	4.016	31.41	4.029	31.42	3.617	31.43	3.205
394	31.44	2.793	31.45	2.382	31.46	1.970	31.47	1.558	31.48	1.146	31.49	1.462	31.50	1.818	31.51	2.153
395	31.52	2.489	31.53	2.785	31.54	3.081	31.55	2.321	31.56	1.561	31.57	0.800	31.58	0.040	31.59	-1.039
396	31.60	-2.119	31.61	-3.198	31.62	-3.029	31.63	-2.859	31.64	-2.690	31.65	-2.521	31.66	-2.352	31.67	-2.182
397	31.68	-2.013	31.69	-1.879	31.70	-1.745	31.71	-1.610	31.72	-1.476	31.73	-1.342	31.74	-3.093	31.75	-4.844
398	31.76	-6.595	31.77	-7.727	31.78	-8.860	31.79	-9.992	31.80	-9.715	31.81	-9.439	31.82	-9.163	31.83	-8.886
399	31.84	-8.609	31.85	-8.333	31.86	-8.057	31.87	-7.781	31.88	-7.505	31.89	-7.229	31.90	-6.953	31.91	-6.677
400	31.92	-11.375	31.93	-12.204	31.94	-13.033	31.95	-13.862	31.96	-14.691	31.97	-15.520	31.98	-16.349	31.99	-17.178
401	32.00	-14.679	32.01	-13.863	32.02	-12.023	32.03	-11.782	32.04	-10.742	32.05	-9.999	32.06	-9.257	32.07	-8.514
402	32.08	-7.772	32.09	-7.029	32.10	-5.936	32.11	-4.843	32.12	-3.751	32.13	-3.119	32.14	-2.487	32.15	-1.855
403	32.16	-1.223	32.17	-0.591	32.18	0.574	32.19	1.739	32.20	2.904	32.21	4.069	32.22	4.726	32.23	5.382
404	32.24	6.039	32.25	6.696	32.26	7.353	32.27	8.010	32.28	8.666	32.29	9.323	32.30	8.968	32.31	8.612
405	32.32	8.257	32.33	7.901	32.34	7.546	32.35	7.190	32.36	6.835	32.37	6.479	32.38	5.432	32.39	4.731
406	32.40	4.030	32.41	2.579	32.42	1.127	32.43	-0.324	32.44	-1.775	32.45	-3.226	32.46	-4.677	32.47	-6.128
407	32.48	-7.542	32.49	-7.898	32.50	-8.253	32.51	-8.609	32.52	-8.964	32.53	-9.319	32.54	-9.674	32.55	-10.029
408	32.56	-11.898	32.57	-11.748	32.58	-11.594	32.59	-11.440	32.60	-11.289	32.61	-11.137	32.62	-10.985	32.63	-10.833
409	32.64	-8.518	32.65	-7.638	32.66	-6.763	32.67	-5.888	32.68	-5.014	32.69	-4.140	32.70	-3.265	32.71	-2.391
410	32.72	-2.046	32.73	3.300	32.74	4.554	32.75	5.808	32.76	7.062	32.77	8.316	32.78	9.570	32.79	10.824
411	32.80	2.543	32.81	2.530	32.82	3.182	32.83	3.833	32.84	4.484	32.85	5.135	32.86	5.786	32.87	6.437
412	32.88	4.544	32.89	3.399	32.90	2.253	32.91	1.107	32.92	0.669	32.93	-0.679	32.94	-1.688	32.95	-2.697
413	32.96	-0.708	32.97	-0.347	32.98	0.014	32.99	0.375	33.00	0.736	33.01	1.097	33.02	1.458	33.03	1.819
414	33.04	2.780	33.05	3.741	33.06	4.702	33.07	5.663	33.08	6.624	33.09	7.585	33.10	8.546	33.11	9.507
415	33.12	3.498	33.13	2.767	33.14	2.022	33.15	1.277	33.16	0.532	33.17	-0.213	33.18	-0.968	33.19	-1.723
416	33.20	2.807	33.21	2.688	33.22	2.570	33.23	2.451	33.24	2.332	33.25	2.213	33.26	2.094	33.27	1.975
417	33.28	-0.148	33.29	-0.668	33.30	-1.074	33.31	-1.481	33.32	-1.887	33.33	-2.294	33.34	-2.699	33.35	-3.106
418	33.36	-3.512	33.37	-3.897	33.38	-4.282	33.39	-4.667	33.40	-5.052	33.41	-5.437	33.42	-5.822	33.43	-6.207
419	33.44	-6.593	33.45	-5.203	33.46	-3.934	33.47	-2.664	33.48	-1.394	33.49	-0.124	33.50	1.146	33.51	2.416
420	33.52	0.661	33.53	0.530	33.54	0.398	33.55	0.266	33.56	0.134	33.57	0.002	33.58	0.868	33.59	1.734
421	33.60	6.063	33.61	6.748	33.62	7.429	33.63	8.110	33.64	8.792	33.65	9.473	33.66	10.154	33.67	10.835
422	33.68	6.757	33.69	6.548	33.70	6.340	33.71	6.131	33.72	5.922	33.73	5.713	33.74	5.504	33.75	5.295
423	33.76	5.052	33.77	4.809	33.78	4.565	33.79	4.321	33.80	4.078	33.81	3.834	33.82	3.590	33.83	3.346
424	33.84	1.129	33.85	0.227	33.86	-0.674	33.87	-1.576	33.88	-2.478	33.89	-3.380	33.90	-4.282	33.91	-5.184
425	33.92	-0.029	33.93	0.280	33.94	-0.075	33.95	-0.431	33.96	-0.786	33.97	-1.142	33.98	-1.497	33.99	-1.852
426	34.00	0.346	34.01	1.267	34.02	0.760	34.03	0.254	34.04	-0.253	34.05	-0.760	34.06	-1.266	34.07	-1.773
427	34.08	0.793	34.09	1.536	34.10	2.278	34.11	3.021	34.12	3.763	34.13	4.506	34.14	5.248	34.15	5.991
428	34.16	5.099	34.17	5.206	34.18	6.955	34.19	6.997	34.20	7.034	34.21	7.071	34.22	7.108	34.23	7.145
429	34.24	6.713	34.25	6.016	34.26	5.319	34.27	4.622	34.28	3.925	34.29	3.228	34.30	2.531	34.31	1.834
430	34.32	4.349	34.33	3.914	34.34	3.480	34.35	3.045	34.36	2.610	34.37	2.175	34.38	1.740	34.39	1.305
431	34.40	3.835	34.41	4.033	34.42	4.230	34.43	4.427	34.44	4.624	34.45	4.821	34.46	5.018	34.47	5.215
432	34.48	2.887	34.49	2.453	34.50	2.018	34.51	1.583	34.52	1.149	34.53	0.714	34.54	0.279	34.55	-0.156
433	34.56	-1.180	34.57	-1.931	34.58	-2.681	34.59	-3.432	34.60	-4.182	34.61	-4.933	34.62	-5.683	34.63	-6.434
434	34.64	-7.184	34.65	-7.821	34.66	-8.458	34.67	-9.095	34.68	-9.731	34.69	-10.368	34.70	-11.005	34.71	-11.642
435	34.72	-12.279	34.73	-12.187	34.74	-12.095	34.75	-12.002	34.76	-11.910	34.77	-11.818	34.78	-11.726	34.79	-11.634
436	34.80	-11.588	34.81	-11.489	34.82	-11.410	34.83	-11.329	34.84	-11.247	34.85	-11.166	34.86	-11.084	34.87	-11.003
437	34.88	-9.722	34.89	-9.440	34.90	-9.159	34.91	-8.878	34.92	-8.597	34.93	-8.316	34.94	-8.035	34.95	-7.754
438	34.96	-5.874	34.97	-5.327	34.98	-4.845	34.99	-4.363	35.00	-3.882	35.01	-3.400	35.02	-2.918	35.03	-2.437
439	35.04	-3.223	35.05	-3.375	35.06	-3.527	35.07	-3.679	35.08	-3.832	35.09	-3.984	35.10	-4.137	35.11	-4.289
440	35.12	-2.147	35.13	-1.535	35.14	-1.424	35.15	-1.393	35.16	-1.321	35.17	-1.250	35.18	-1.179	35.19	-1.108
441	35.20	-2.108	35.21	-2.572	35.22	-3.036	35.23	-3.500	35.24	-3.964	35.25	-4.428	35.26	-4.892	35.27	-5.356
442	35.28	-3.128	35.29	-2.206	35.30	-0.666	35.31	0.874	35.32	1.322	35.33	1.769	35.34	2.217	35.35	2.664
443	35.36	2.078	35.37	2.009	35.38	1.940	35.39	1.871	35.40	1.802	35.41	1.733	35.42	1.664	35.43	1.595
444	35.44	4.310	35.45	4.086	35.46	3.862	35.47	3.639	35.48	3.415	35.49	3.191	35.50	2.967	35.51	2.743
445	35.52	3.272	35.53	3.424	35.54	3.577	35.55	3.729	35.56	3.882	35.57	4.034	35.58	4.186	35.59	4.338
446	35.60	6.191	35.61	6.910	35.62	7.629	35.63	8.348	35.64	9.067	35.65	9.786	35.66	10.505	35.67	11.224
447	35.68	10.670	35.69	10.495	35.70	10.320	35.71	10.145	35.72	9.970	35.73	9.795	35.74	9.620	35.75	9.445
448	35.76	8.248	35.77	7.049	35.78	5.851	35.79	4.653	35.80	3.455	35.81	2.257	35.82	1.059	35.83	-0.141
449	35.84	3.922	35.85	4.006	35.86	4.091	35.87	4.175	35.88	4.260	35.89	4.344	35.90	4.429	35.91	4.513

Digitized Accelerogram of Earthquake Record with Index Number E-47 (10-4-2)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	1.275	0.01	0.090	0.02	0.506	0.03	0.121	0.04	-0.264	0.05	-2.727	0.06	-3.661	0.07	-3.396		
2	0.08	-3.730	0.09	-4.065	0.10	-4.599	0.11	-4.311	0.12	-4.223	0.13	-4.134	0.14	-4.046	0.15	-3.958		
3	0.16	-3.865	0.17	-3.371	0.18	-3.078	0.19	-2.924	0.20	-2.769	0.21	-2.614	0.22	-2.459	0.23	-2.304		
4	0.24	0.134	0.25	0.574	0.26	0.574	0.27	0.574	0.28	0.575	0.29	0.575	0.30	0.575	0.31	0.575		
5	0.32	0.498	0.33	0.422	0.34	0.345	0.35	0.268	0.36	0.193	0.37	0.117	0.38	0.042	0.39	2.688		
6	0.40	3.055	0.41	3.481	0.42	3.862	0.43	4.244	0.44	4.625	0.45	4.361	0.46	4.097	0.47	3.834		
7	0.48	-3.371	0.49	-2.998	0.50	-2.426	0.51	-1.854	0.52	-1.282	0.53	-0.869	0.54	-0.456	0.55	0.042		
8	0.56	-0.571	0.57	-0.704	0.58	-1.385	0.59	-1.966	0.60	-2.507	0.61	-2.813	0.62	-3.039	0.63	-3.265		
9	0.64	-3.492	0.65	-3.718	0.66	-3.944	0.67	-4.170	0.68	-4.104	0.69	-4.038	0.70	-3.972	0.71	-3.906		
10	0.72	-3.839	0.73	-3.773	0.74	-3.707	0.75	-3.641	0.76	-3.575	0.77	-3.509	0.78	-3.443	0.79	-3.377		
11	0.80	-3.347	0.81	-3.280	0.82	-3.214	0.83	-3.148	0.84	-3.082	0.85	-3.016	0.86	-2.950	0.87	-2.884		
12	0.88	-1.228	0.89	-0.982	0.90	-0.735	0.91	-0.488	0.92	-0.241	0.93	-0.569	0.94	-0.514	0.95	-0.184		
13	0.96	0.146	0.97	0.475	0.98	0.805	0.99	0.508	1.00	0.212	1.01	-0.085	1.02	-0.381	1.03	-0.381		
14	1.04	-0.381	1.05	-0.381	1.06	-0.381	1.07	-0.381	1.08	-0.381	1.09	-0.381	1.10	-0.381	1.11	-0.381		
15	1.12	1.203	1.13	1.720	1.14	2.238	1.15	2.755	1.16	3.272	1.17	3.140	1.18	3.009	1.19	2.877		
16	1.20	2.745	1.21	2.349	1.22	1.953	1.23	1.557	1.24	1.161	1.25	1.734	1.26	2.599	1.27	3.465		
17	1.28	4.330	1.29	4.579	1.30	4.828	1.31	5.078	1.32	4.506	1.33	3.935	1.34	3.363	1.35	2.862		
18	1.36	2.360	1.37	1.659	1.38	1.157	1.39	0.655	1.40	0.153	1.41	1.142	1.42	1.285	1.43	1.428		
19	1.44	1.230	1.45	1.032	1.46	0.635	1.47	0.238	1.48	0.439	1.49	0.241	1.50	1.180	1.51	2.119		
20	1.52	3.058	1.53	4.576	1.54	6.094	1.55	5.936	1.56	5.778	1.57	5.620	1.58	5.462	1.59	5.304		
21	1.60	4.555	1.61	3.334	1.62	3.334	1.63	2.861	1.64	2.389	1.65	1.916	1.66	1.443	1.67	1.562		
22	1.68	2.026	1.69	2.063	1.70	2.100	1.71	2.137	1.72	2.174	1.73	2.284	1.74	2.357	1.75	1.609		
23	1.76	0.862	1.77	0.114	1.78	-1.271	1.79	-2.657	1.80	-3.042	1.81	-3.427	1.82	-3.812	1.83	-4.197		
24	1.84	-3.950	1.85	-3.704	1.86	-3.457	1.87	-3.211	1.88	-2.964	1.89	-2.717	1.90	-2.470	1.91	-2.223		
25	1.92	-0.719	1.93	-1.181	1.94	-1.642	1.95	-2.103	1.96	-2.564	1.97	-2.568	1.98	-2.568	1.99	-2.568		
26	2.00	-0.884	2.01	-0.342	2.02	-2.605	2.03	-2.686	2.04	-2.697	2.05	-2.224	2.06	-1.750	2.07	-1.277		
27	2.08	-0.884	2.09	-0.342	2.10	-0.884	2.11	-0.884	2.12	-0.884	2.13	-0.884	2.14	-0.884	2.15	-0.884		
28	2.16	-0.200	2.17	-0.011	2.18	-0.495	2.19	-1.125	2.20	-1.755	2.21	-2.385	2.22	-3.015	2.23	-3.645		
29	2.24	-1.960	2.25	-1.726	2.26	-1.491	2.27	-1.256	2.28	-1.021	2.29	-0.786	2.30	-0.551	2.31	-0.316		
30	2.32	-0.590	2.33	-1.170	2.34	-1.750	2.35	-2.330	2.36	-2.910	2.37	-3.490	2.38	-4.070	2.39	-4.650		
31	2.40	-0.579	2.41	0.037	2.42	0.652	2.43	1.266	2.44	1.880	2.45	2.500	2.46	3.114	2.47	3.728		
32	2.48	4.349	2.49	3.880	2.50	3.411	2.51	2.942	2.52	2.473	2.53	1.974	2.54	1.475	2.55	1.006		
33	2.56	1.886	2.57	2.085	2.58	2.283	2.59	2.481	2.60	2.679	2.61	3.303	2.62	4.008	2.63	4.792		
34	2.64	4.055	2.65	3.318	2.66	2.581	2.67	1.844	2.68	1.031	2.69	0.217	2.70	-0.596	2.71	-1.410		
35	2.72	-1.014	2.73	-0.618	2.74	-0.222	2.75	0.086	2.76	0.394	2.77	0.702	2.78	1.010	2.79	1.318		
36	2.80	1.099	2.81	1.231	2.82	0.474	2.83	-0.282	2.84	-1.039	2.85	-1.795	2.86	-2.552	2.87	-3.308		
37	2.88	-3.115	2.89	-3.906	2.90	-4.697	2.91	-5.488	2.92	-6.279	2.93	-7.070	2.94	-7.861	2.95	-8.652		
38	2.96	-2.506	2.97	-1.538	2.98	-0.570	2.99	0.427	3.00	1.484	3.01	2.541	3.02	3.598	3.03	4.655		
39	3.04	4.297	3.05	4.922	3.06	5.547	3.07	6.172	3.08	6.797	3.09	7.422	3.10	8.047	3.11	8.672		
40	3.12	4.712	3.13	5.284	3.14	5.856	3.15	6.428	3.16	7.000	3.17	7.572	3.18	8.144	3.19	8.716		
41	3.20	3.921	3.21	3.797	3.22	3.672	3.23	3.547	3.24	3.422	3.25	3.297	3.26	3.172	3.27	3.047		
42	3.28	3.585	3.29	3.791	3.30	4.246	3.31	4.700	3.32	5.155	3.33	5.609	3.34	6.064	3.35	6.519		
43	3.36	2.039	3.37	1.260	3.38	0.481	3.39	-0.298	3.40	-1.066	3.41	-1.834	3.42	-2.602	3.43	-3.370		
44	3.44	-6.517	3.45	-7.103	3.46	-7.689	3.47	-8.275	3.48	-8.861	3.49	-9.447	3.50	-10.033	3.51	-10.619		
45	3.52	-7.103	3.53	-6.566	3.54	-6.029	3.55	-5.492	3.56	-4.955	3.57	-4.418	3.58	-3.881	3.59	-3.344		
46	3.60	-0.325	3.61	-0.980	3.62	-1.645	3.63	-2.310	3.64	-2.975	3.65	-3.640	3.66	-4.305	3.67	-4.970		
47	3.68	-1.906	3.69	-1.613	3.70	-1.319	3.71	-1.026	3.72	-0.732	3.73	-0.439	3.74	-0.146	3.75	0.146		
48	3.76	0.881	3.77	0.954	3.78	1.028	3.79	1.101	3.80	1.175	3.81	1.248	3.82	1.321	3.83	1.394		
49	3.84	1.512	3.85	1.601	3.86	1.689	3.87	1.777	3.88	1.865	3.89	1.953	3.90	2.041	3.91	2.129		
50	3.92	1.382	3.93	1.666	3.94	2.350	3.95	2.174	3.96	1.999	3.97	1.823	3.98	1.647	3.99	1.471		
51	4.00	5.684	4.01	6.971	4.02	8.258	4.03	9.545	4.04	10.832	4.05	12.119	4.06	13.406	4.07	14.693		
52	4.08	5.564	4.09	4.729	4.10	3.893	4.11	3.057	4.12	2.221	4.13	1.385	4.14	0.549	4.15	-0.287		
53	4.16	6.842	4.17	6.769	4.18	6.695	4.19	6.622	4.20	6.548	4.21	6.475	4.22	6.402	4.23	6.329		
54	4.24	6.842	4.25	6.695	4.26	6.548	4.27	6.402	4.28	6.255	4.29	6.108	4.30	5.961	4.31	5.814		
55	4.32	6.842	4.33	6.695	4.34	6.548	4.35	6.402	4.36	6.255	4.37	6.108	4.38	5.961	4.39	5.814		
56	4.40	-4.065	4.41	-4.066	4.42	-4.067	4.43	-4.068	4.44	-4.069	4.45	-4.070	4.46	-4.071	4.47	-4.072		
57	4.48	-5.603	4.49	-5.603	4.50	-5.603	4.51	-5.603	4.52	-5.603	4.53	-5.603	4.54	-5.603	4.55	-5.603		
58	4.56	-2.742	4.57	-1.862	4.58	-0.982	4.59	-0.102	4.60	0.778	4.61	1.658	4.62	2.538	4.63	3.418		
59	4.64	0.265	4.65	0.009	4.66	-0.247	4.67	-0.504	4.68	-0.761	4.69	-1.018	4.70	-1.275	4.71	-1.532		
60	4.72	-3.707	4.73	-3.663	4.74	-3.618	4.75	-3.574	4.76	-3.530	4.77	-3.486	4.78	-3.442	4.79	-3.398		
61	4.80	-6.768	4.81	-7.578	4.82	-8.388	4.83	-9.198	4.84	-10.008	4.85	-10.818	4.86	-11.628	4.87	-12.438		
62	4.88	-4.320	4.89	-4.144	4.90	-3.968	4.91	-3.792	4.92	-3.616	4.93	-3.440	4.94	-3.264	4.95	-3.088		
63	4.96	0.124	4.97	-1.185	4.98	-2.457	4.99	-3.729	5.00	-4.999	5.01	-6.271	5.02	-7.543	5.03	-8.815		
64	5.04	-2.742	5.05	-2.124	5.06	-1.506	5.07	-0.888	5.08	-0.270	5.09	0.348	5.10	0.966	5.11	1.584		
65	5.12	5.055	5.13	5.775	5.14	6.495	5.15	7.215	5.16	7.935	5.17	8.655	5.18	9.375	5.19	10.095		
66	5.20	5.511	5.21	6.582	5.22	7.653	5.23	8.724	5.24	9.795	5.25	10.866	5.26	11.937	5.27	13.008		
67	5.28	7.272	5.29	6.075	5.30	4.877	5.31	3.680	5.32	2.482	5.33	1.285	5.34	0.087	5.35	-1.110		
68	5.36	-0.088	5.37	-0.175	5.38	-0.263	5.39	-0.350	5.40	-0.438	5.41	-0.525	5.42	-0.612	5.43	-0.699		
69	5.44	-0.645	5.45	-1.225	5.46	-1.805	5.47	-2.385	5.48	-2.965	5.49	-3.545	5.50	-4.125	5.51	-4.705		
70	5.52	-5.637	5.53	-5.743	5.54	-5.848	5.55	-5.953	5.56	-6.058	5.57	-6.163	5.58	-6.268	5.59	-6.373		
71	5.60	-0.106	5.61	2.028	5.62	3.700	5.63	5.372	5.64	7.044	5.							

127	10.08	-7.614	10.09	-6.382	10.10	-5.149	10.11	-3.504	10.12	-1.864	10.13	-0.221	10.14	-1.182	10.15	-2.142
128	10.16	-3.102	10.17	-1.893	10.18	-0.204	10.19	-3.494	10.20	-4.854	10.21	-3.725	10.22	-2.595	10.23	-1.330
129	10.24	-4.368	10.25	-3.211	10.26	-1.483	10.27	-0.046	10.28	-0.775	10.29	-1.595	10.30	-2.416	10.31	-3.237
130	10.32	-0.611	10.41	-0.008	10.42	0.795	10.43	0.001	10.44	-0.634	10.45	-1.349	10.46	-2.063	10.47	-2.620
131	10.48	-3.177	10.49	-3.734	10.50	-2.450	10.51	-1.182	10.52	0.093	10.53	1.369	10.54	1.699	10.55	2.030
132	10.56	2.360	10.57	2.690	10.58	2.847	10.59	3.005	10.60	3.162	10.61	3.319	10.62	3.476	10.63	3.634
133	10.64	3.791	10.65	3.043	10.66	2.296	10.67	1.548	10.68	0.800	10.69	0.053	10.70	-0.695	10.71	-1.442
134	10.72	-2.199	10.73	1.660	10.74	5.509	10.75	5.472	10.76	5.436	10.77	5.399	10.78	5.363	10.79	5.326
135	10.80	5.290	10.81	3.828	10.82	2.365	10.83	0.902	10.84	-0.560	10.85	-2.018	10.86	-3.476	10.87	-4.934
136	10.88	0.144	10.89	-0.266	10.90	-0.677	10.91	-1.087	10.92	-1.493	10.93	-1.899	10.94	-2.306	10.95	-2.712
137	10.96	-5.618	10.97	-4.316	10.98	-3.013	10.99	-1.711	11.00	-0.408	11.01	0.894	11.02	1.968	11.03	3.042
138	11.04	4.115	11.05	5.105	11.06	6.263	11.07	-0.005	11.08	7.466	11.09	-6.068	11.10	-8.669	11.11	-9.271
139	11.12	9.872	11.13	7.628	11.14	5.385	11.15	3.141	11.16	0.897	11.17	-1.346	11.18	-3.590	11.19	-5.834
140	11.20	-4.364	11.21	-4.751	11.22	-5.138	11.23	-5.525	11.24	-5.912	11.25	-6.299	11.26	-6.686	11.27	-7.073
141	11.28	-8.714	11.29	-9.967	11.30	-11.221	11.31	-12.475	11.32	-13.729	11.33	-14.983	11.34	-16.237	11.35	-17.491
142	11.36	-4.224	11.37	-2.574	11.38	-2.125	11.39	-1.676	11.40	-1.227	11.41	-0.778	11.42	-0.329	11.43	0.120
143	11.44	1.466	11.45	2.364	11.46	3.261	11.47	4.159	11.48	5.056	11.49	5.954	11.50	6.852	11.51	7.750
144	11.52	-2.079	11.53	-2.668	11.54	-3.258	11.55	-3.847	11.56	-4.437	11.57	-5.026	11.58	-5.615	11.59	-6.204
145	11.60	2.797	11.61	4.235	11.62	5.674	11.63	7.112	11.64	8.550	11.65	9.988	11.66	11.426	11.67	12.864
146	11.68	4.664	11.69	4.497	11.70	4.330	11.71	4.163	11.72	3.996	11.73	3.829	11.74	3.662	11.75	3.495
147	11.76	-1.731	11.77	-1.510	11.78	-0.058	11.79	1.193	11.80	2.437	11.81	3.681	11.82	4.925	11.83	6.169
148	11.84	3.213	11.85	3.403	11.86	3.594	11.87	3.784	11.88	3.974	11.89	4.164	11.90	4.354	11.91	4.544
149	11.92	-4.192	11.93	-2.503	11.94	-2.497	11.95	-2.491	11.96	-2.485	11.97	-2.479	11.98	-2.473	11.99	-2.467
150	12.00	-3.076	12.01	-3.002	12.02	-2.928	12.03	-2.854	12.04	-2.780	12.05	-2.706	12.06	-2.632	12.07	-2.558
151	12.08	-3.045	12.09	-3.045	12.10	-3.045	12.11	-3.045	12.12	-3.045	12.13	-3.045	12.14	-3.045	12.15	-3.045
152	12.16	0.300	12.17	1.004	12.18	0.679	12.19	0.354	12.20	0.028	12.21	-0.297	12.22	-0.622	12.23	-0.947
153	12.24	2.106	12.25	3.470	12.26	4.834	12.27	6.198	12.28	7.562	12.29	8.926	12.30	10.290	12.31	11.654
154	12.32	7.443	12.33	7.081	12.34	6.719	12.35	6.357	12.36	5.995	12.37	5.633	12.38	5.271	12.39	4.909
155	12.40	4.792	12.41	4.429	12.42	4.067	12.43	3.705	12.44	3.343	12.45	2.981	12.46	2.619	12.47	2.257
156	12.48	3.738	12.49	5.190	12.50	3.709	12.51	2.228	12.52	0.747	12.53	-0.734	12.54	-2.215	12.55	-3.696
157	12.56	-4.385	12.57	-6.174	12.58	-7.963	12.59	-9.752	12.60	-11.541	12.61	-13.330	12.62	-15.119	12.63	-16.908
158	12.64	-5.381	12.65	-5.007	12.66	-4.794	12.67	-4.581	12.68	-4.368	12.69	-4.155	12.70	-3.942	12.71	-3.729
159	12.72	-1.053	12.73	-0.540	12.74	-0.026	12.75	0.487	12.76	0.998	12.77	1.509	12.78	2.020	12.79	2.531
160	12.80	-9.297	12.81	-11.946	12.82	-14.594	12.83	-17.243	12.84	-19.892	12.85	-22.541	12.86	-25.190	12.87	-27.839
161	12.88	-16.581	12.89	-16.449	12.90	-15.936	12.91	-15.422	12.92	-14.909	12.93	-14.396	12.94	-13.883	12.95	-13.370
162	12.96	-4.480	12.97	-2.192	12.98	-1.297	12.99	-0.403	13.00	0.492	13.01	1.049	13.02	1.606	13.03	2.163
163	13.04	2.032	13.05	1.901	13.06	1.769	13.07	1.637	13.08	1.505	13.09	1.373	13.10	1.241	13.11	1.109
164	13.12	9.514	13.13	9.132	13.14	8.751	13.15	8.369	13.16	7.988	13.17	7.606	13.18	7.225	13.19	6.843
165	13.20	-4.168	13.21	-2.749	13.22	-1.330	13.23	0.089	13.24	1.508	13.25	2.927	13.26	4.346	13.27	5.765
166	13.28	-0.778	13.29	0.322	13.30	1.421	13.31	2.521	13.32	3.621	13.33	4.721	13.34	5.821	13.35	6.921
167	13.36	-2.317	13.37	0.763	13.38	3.863	13.39	3.814	13.40	3.765	13.41	3.716	13.42	3.667	13.43	3.618
168	13.44	10.444	13.45	10.389	13.46	10.334	13.47	10.279	13.48	10.224	13.49	10.169	13.50	10.114	13.51	10.059
169	13.52	3.229	13.53	2.446	13.54	1.663	13.55	0.881	13.56	0.098	13.57	-0.685	13.58	-1.468	13.59	-2.251
170	13.60	-2.697	13.61	-3.368	13.62	-4.039	13.63	-4.710	13.64	-5.381	13.65	-6.052	13.66	-6.723	13.67	-7.394
171	13.68	-0.507	13.69	1.451	13.70	3.409	13.71	5.367	13.72	7.325	13.73	9.283	13.74	11.241	13.75	13.199
172	13.76	18.414	13.77	20.614	13.78	18.759	13.79	16.904	13.80	15.049	13.81	13.194	13.82	11.339	13.83	9.484
173	13.84	6.213	13.85	2.943	13.86	0.327	13.87	-1.286	13.88	-2.845	13.89	-4.404	13.90	-5.963	13.91	-7.522
174	13.92	-4.068	13.93	-3.054	13.94	-2.040	13.95	-1.026	13.96	-0.012	13.97	0.999	13.98	1.999	13.99	2.999
175	14.00	0.158	14.01	-0.826	14.02	-1.806	14.03	-2.786	14.04	-3.766	14.05	-4.746	14.06	-5.726	14.07	-6.706
176	14.08	1.007	14.09	-1.050	14.10	-2.100	14.11	-3.150	14.12	-4.200	14.13	-5.250	14.14	-6.300	14.15	-7.350
177	14.16	-7.714	14.17	-8.286	14.18	-8.790	14.19	-9.294	14.20	-9.798	14.21	-10.302	14.22	-10.806	14.23	-11.310
178	14.24	-9.634	14.25	-10.924	14.26	-12.214	14.27	-13.504	14.28	-14.794	14.29	-16.084	14.30	-17.374	14.31	-18.664
179	14.32	-9.647	14.33	-8.238	14.34	-6.830	14.35	-5.422	14.36	-4.014	14.37	-2.606	14.38	-1.198	14.39	0.210
180	14.40	2.410	14.41	7.118	14.42	7.888	14.43	8.658	14.44	9.428	14.45	10.198	14.46	10.968	14.47	11.738
181	14.48	5.667	14.49	6.856	14.50	8.045	14.51	9.234	14.52	10.423	14.53	11.612	14.54	12.801	14.55	13.990
182	14.56	6.923	14.57	6.451	14.58	5.979	14.59	5.505	14.60	5.031	14.61	4.557	14.62	4.083	14.63	3.609
183	14.64	9.846	14.65	0.232	14.66	0.039	14.67	-0.159	14.68	-0.357	14.69	-0.555	14.70	-0.753	14.71	-0.951
184	14.72	-5.028	14.73	-5.671	14.74	-6.313	14.75	-6.955	14.76	-7.597	14.77	-8.239	14.78	-8.881	14.79	-9.523
185	14.80	0.745	14.81	2.197	14.82	3.650	14.83	5.102	14.84	6.554	14.85	8.006	14.86	9.458	14.87	10.910
186	14.88	10.006	14.89	10.773	14.90	11.540	14.91	12.307	14.92	13.074	14.93	13.841	14.94	14.608	14.95	15.375
187	14.96	9.922	14.97	7.580	14.98	5.237	14.99	2.894	15.00	0.551	15.01	-1.792	15.02	-4.134	15.03	-6.476
188	15.04	3.367	15.05	3.038	15.06	2.708	15.07	2.378	15.08	2.048	15.09	1.718	15.10	1.388	15.11	1.058
189	15.12	0.762	15.13	-0.722	15.14	-2.207	15.15	-3.691	15.16	-5.175	15.17	-6.659	15.18	-8.143	15.19	-9.627
190	15.20	-5.670	15.21	-6.345	15.22	-7.019	15.23	-7.694	15.24	-8.368	15.25	-9.043	15.26	-9.717	15.27	-10.392
191	15.28	-9.300	15.29	-9.717	15.30	-10.134	15.31	-10.551	15.32	-10.968	15.33	-11.385	15.34	-11.802	15.35	-12.219
192	15.36	-15.919	15.37	-15.919	15.38	-15.919	15.39	-15.919	15.40	-15.919	15.41	-15.919	15.42	-15.919	15.43	-15.919
193	15.44	-2.116	15.45	-2.067	15.46	-2.018	15.47	-1.969	15.48	-1.920	15.49	-1.871	15.50	-1.822	15.51	-1.773
194	15.52	9.471	15.53	8.011	15.54	6.551	15.55	5.091	15.56	3.631	15.57	2.171	15.58	0.711	15.59	-0.749
195	15.60	6.908	15.61	6.927	15.62	6.946	15.63	6.965	15.64	6.984	15.65	7.003	15.66	7.022	15.67	7.041
196	15.68	8.022	15.69	6.141	15.70	4.260	15.71	2.379	15.72	0.498	15.73	-1.383	15.74	-3.268	15.75	-5.153
197	15.76	-6.562	15.77	-7.904	15.78	-9.246	15.79	-10.588	15.80	-11.930	15.81	-13.272	15.82	-14.614	15	

253	20.16	-6.691	20.17	-3.776	20.18	-4.060	20.19	-3.945	20.20	-3.350	20.21	-2.772	20.22	-2.185	20.23	-2.023
254	20.24	-3.461	20.25	-4.099	20.26	-4.736	20.27	-5.374	20.28	-6.012	20.29	-6.650	20.30	-7.288	20.31	-7.926
255	20.32	-8.097	20.33	-2.781	20.34	-4.655	20.35	-6.530	20.36	-8.404	20.37	-10.278	20.38	-12.152	20.39	-14.026
256	20.40	-11.025	20.41	-11.736	20.42	-12.447	20.43	-13.158	20.44	-13.869	20.45	-14.580	20.46	-15.291	20.47	-16.002
257	20.48	-16.106	20.49	-16.817	20.50	-17.528	20.51	-18.239	20.52	-18.950	20.53	-19.661	20.54	-20.372	20.55	-21.083
258	20.56	-15.501	20.57	-15.812	20.58	-16.123	20.59	-16.434	20.60	-16.745	20.61	-17.056	20.62	-17.367	20.63	-17.678
259	20.64	-15.501	20.65	-15.812	20.66	-16.123	20.67	-16.434	20.68	-16.745	20.69	-17.056	20.70	-17.367	20.71	-17.678
260	20.72	-13.840	20.73	-14.390	20.74	-14.940	20.75	-15.490	20.76	-16.040	20.77	-16.590	20.78	-17.140	20.79	-17.690
261	20.80	-10.043	20.81	-10.146	20.82	-10.249	20.83	-10.352	20.84	-10.455	20.85	-10.558	20.86	-10.661	20.87	-10.764
262	20.88	-1.259	20.89	-0.394	20.90	-0.470	20.91	-1.335	20.92	-0.911	20.93	-0.952	20.94	-1.093	20.95	-1.134
263	20.96	-6.101	20.97	-8.705	20.98	-11.469	20.99	-14.233	21.00	-17.000	21.01	-19.767	21.02	-22.534	21.03	-25.301
264	21.04	-13.137	21.05	-12.809	21.06	-12.642	21.07	-12.395	21.08	-12.148	21.09	-11.901	21.10	-11.654	21.11	-11.407
265	21.12	-11.419	21.13	-11.091	21.14	-10.763	21.15	-10.435	21.16	-10.107	21.17	-9.779	21.18	-9.451	21.19	-9.123
266	21.20	-10.394	21.21	-10.746	21.22	-11.097	21.23	-11.449	21.24	-11.801	21.25	-12.153	21.26	-12.505	21.27	-12.857
267	21.28	-9.468	21.29	-9.071	21.30	-8.674	21.31	-8.277	21.32	-7.880	21.33	-7.483	21.34	-7.086	21.35	-6.689
268	21.36	-11.006	21.37	-11.358	21.38	-11.710	21.39	-12.062	21.40	-12.414	21.41	-12.766	21.42	-13.118	21.43	-13.470
269	21.44	-12.266	21.45	-12.567	21.46	-12.868	21.47	-13.169	21.48	-13.470	21.49	-13.771	21.50	-14.072	21.51	-14.373
270	21.52	-2.027	21.53	-0.056	21.54	-2.138	21.55	-4.221	21.56	-6.304	21.57	-8.387	21.58	-10.470	21.59	-12.553
271	21.60	-5.349	21.61	-5.575	21.62	-5.800	21.63	-6.025	21.64	-6.250	21.65	-6.475	21.66	-6.700	21.67	-6.925
272	21.68	-9.776	21.69	-9.609	21.70	-9.442	21.71	-9.275	21.72	-9.108	21.73	-8.941	21.74	-8.774	21.75	-8.607
273	21.76	-12.189	21.77	-10.922	21.78	-9.655	21.79	-8.388	21.80	-7.121	21.81	-5.854	21.82	-4.587	21.83	-3.320
274	21.84	-1.729	21.85	-0.354	21.86	-0.460	21.87	-1.273	21.88	-2.086	21.89	-2.900	21.90	-3.713	21.91	-4.526
275	21.92	-0.312	21.93	-0.523	21.94	-0.734	21.95	-0.945	21.96	-1.156	21.97	-1.367	21.98	-1.578	21.99	-1.789
276	22.00	-1.138	22.01	-1.062	22.02	-0.986	22.03	-0.910	22.04	-0.834	22.05	-0.758	22.06	-0.682	22.07	-0.606
277	22.08	-1.708	22.09	-1.632	22.10	-1.556	22.11	-1.480	22.12	-1.404	22.13	-1.328	22.14	-1.252	22.15	-1.176
278	22.16	-3.661	22.17	-3.585	22.18	-3.509	22.19	-3.433	22.20	-3.357	22.21	-3.281	22.22	-3.205	22.23	-3.129
279	22.24	-5.577	22.25	-5.501	22.26	-5.425	22.27	-5.349	22.28	-5.273	22.29	-5.197	22.30	-5.121	22.31	-5.045
280	22.32	-3.112	22.33	-3.331	22.34	-3.550	22.35	-3.769	22.36	-3.988	22.37	-4.207	22.38	-4.426	22.39	-4.645
281	22.40	-3.066	22.41	-3.029	22.42	-2.992	22.43	-2.955	22.44	-2.918	22.45	-2.881	22.46	-2.844	22.47	-2.807
282	22.48	-3.490	22.49	-3.812	22.50	-4.134	22.51	-4.456	22.52	-4.778	22.53	-5.100	22.54	-5.422	22.55	-5.744
283	22.56	-1.479	22.57	-0.504	22.58	-0.472	22.59	-1.447	22.60	-2.422	22.61	-3.397	22.62	-4.372	22.63	-5.347
284	22.64	-7.131	22.65	-6.910	22.66	-6.689	22.67	-6.468	22.68	-6.247	22.69	-6.026	22.70	-5.805	22.71	-5.584
285	22.72	-11.030	22.73	-10.646	22.74	-10.262	22.75	-9.878	22.76	-9.494	22.77	-9.110	22.78	-8.726	22.79	-8.342
286	22.80	-2.475	22.81	-0.652	22.82	-2.748	22.83	-4.732	22.84	-6.716	22.85	-8.700	22.86	-10.684	22.87	-12.668
287	22.88	-3.945	22.89	-3.724	22.90	-3.503	22.91	-3.282	22.92	-3.061	22.93	-2.840	22.94	-2.619	22.95	-2.398
288	22.96	-0.178	22.97	-0.228	22.98	-0.278	22.99	-0.328	23.00	-0.378	23.01	-0.428	23.02	-0.478	23.03	-0.528
289	23.04	-0.062	23.05	-0.737	23.06	-1.412	23.07	-2.087	23.08	-2.762	23.09	-3.437	23.10	-4.112	23.11	-4.787
290	23.12	-0.131	23.13	-0.342	23.14	-0.553	23.15	-0.764	23.16	-0.975	23.17	-1.186	23.18	-1.397	23.19	-1.608
291	23.20	-10.090	23.21	-9.987	23.22	-9.884	23.23	-9.781	23.24	-9.678	23.25	-9.575	23.26	-9.472	23.27	-9.369
292	23.28	-4.105	23.29	-4.457	23.30	-4.809	23.31	-5.161	23.32	-5.513	23.33	-5.865	23.34	-6.217	23.35	-6.569
293	23.36	-1.120	23.37	-0.513	23.38	-0.094	23.39	-0.701	23.40	-1.308	23.41	-1.915	23.42	-2.522	23.43	-3.129
294	23.44	-3.463	23.45	-3.602	23.46	-3.741	23.47	-3.880	23.48	-4.019	23.49	-4.158	23.50	-4.297	23.51	-4.436
295	23.52	-3.572	23.53	-3.617	23.54	-3.662	23.55	-3.707	23.56	-3.752	23.57	-3.797	23.58	-3.842	23.59	-3.887
296	23.60	-8.630	23.61	-8.050	23.62	-7.470	23.63	-6.890	23.64	-6.310	23.65	-5.730	23.66	-5.150	23.67	-4.570
297	23.68	-6.570	23.69	-6.172	23.70	-5.774	23.71	-5.376	23.72	-4.978	23.73	-4.580	23.74	-4.182	23.75	-3.784
298	23.76	-0.480	23.77	-1.712	23.78	-2.944	23.79	-4.176	23.80	-5.408	23.81	-6.640	23.82	-7.872	23.83	-9.104
299	23.84	-0.437	23.85	-1.229	23.86	-2.021	23.87	-2.813	23.88	-3.605	23.89	-4.397	23.90	-5.189	23.91	-5.981
300	23.92	-3.372	23.93	-3.885	23.94	-4.398	23.95	-4.911	23.96	-5.424	23.97	-5.937	23.98	-6.450	23.99	-6.963
301	24.00	-3.333	24.01	-4.532	24.02	-5.731	24.03	-6.930	24.04	-8.129	24.05	-9.328	24.06	-10.527	24.07	-11.726
302	24.08	-4.681	24.09	-6.157	24.10	-7.633	24.11	-9.109	24.12	-10.585	24.13	-12.061	24.14	-13.537	24.15	-15.013
303	24.16	-3.604	24.17	-3.261	24.18	-2.917	24.19	-2.574	24.20	-2.230	24.21	-1.887	24.22	-1.544	24.23	-1.201
304	24.24	-4.152	24.25	-4.790	24.26	-5.428	24.27	-6.066	24.28	-6.704	24.29	-7.342	24.30	-7.980	24.31	-8.618
305	24.32	-2.941	24.33	-2.236	24.34	-1.532	24.35	-0.828	24.36	-0.124	24.37	-0.580	24.38	-1.136	24.39	-1.692
306	24.40	-4.760	24.41	-5.992	24.42	-7.224	24.43	-8.456	24.44	-9.688	24.45	-10.920	24.46	-12.152	24.47	-13.384
307	24.48	-5.788	24.49	-6.992	24.50	-8.196	24.51	-9.400	24.52	-10.604	24.53	-11.808	24.54	-13.012	24.55	-14.216
308	24.56	-3.805	24.57	-5.180	24.58	-6.555	24.59	-7.930	24.60	-9.305	24.61	-10.680	24.62	-12.055	24.63	-13.430
309	24.64	-0.585	24.65	-1.795	24.66	-3.005	24.67	-4.215	24.68	-5.425	24.69	-6.635	24.70	-7.845	24.71	-9.055
310	24.72	-2.566	24.73	-3.805	24.74	-5.044	24.75	-6.283	24.76	-7.522	24.77	-8.761	24.78	-10.000	24.79	-11.239
311	24.80	-0.104	24.81	-1.119	24.82	-2.134	24.83	-3.149	24.84	-4.164	24.85	-5.179	24.86	-6.194	24.87	-7.209
312	24.88	-7.579	24.89	-7.652	24.90	-7.726	24.91	-7.799	24.92	-7.873	24.93	-7.946	24.94	-8.019	24.95	-8.092
313	24.96	-2.082	24.97	-1.188	24.98	-0.294	24.99	-0.613	25.00	-1.226	25.01	-1.839	25.02	-2.452	25.03	-3.065
314	25.04	-5.505	25.05	-6.130	25.06	-6.755	25.07	-7.380	25.08	-8.005	25.09	-8.630	25.10	-9.255	25.11	-9.880
315	25.12	-1.253	25.13	-1.179	25.14	-1.105	25.15	-1.031	25.16	-0.957	25.17	-0.883	25.18	-0.809	25.19	-0.735
316	25.20	-4.079	25.21	-5.806	25.22	-7.533	25.23	-9.260	25.24	-10.987	25.25	-12.714	25.26	-14.441	25.27	-16.168
317	25.28	-6.985	25.29	-6.530	25.30	-6.075	25.31	-5.620	25.32	-5.165	25.33	-4.710	25.34	-4.255	25.35	-3.800
318	25.36	-7.496	25.37	-6.645	25.38	-5.794	25.39	-4.943	25.40	-4.092	25.41	-3.241	25.42	-2.390	25.43	-1.539
319	25.44	-2.391	25.45	-2.390	25.46	-2.390	25.47	-2.390	25.48	-2.390	25.49	-2.390	25.50	-2.390	25.51	-2.390
320	25.52	-4.099	25.53	-5.321	25.54	-6.543	25.55	-7.765	25.56	-8.987	25.57	-10.209	25.58	-11.431	25.59	-12.653
321	25.60	-12.718	25.61	-12.616	25.62	-12.513	25.63	-12.410	25.64	-12.307	25.65	-12.204	25.66	-12.101	25.67	-12.000
322	25.68	-9.053	25.69	-8.500	25.70	-7.947	25.71	-7.394	25.72	-6.841	25.73	-6.288	25.74	-5.735	25.75	-5.182
323	25.76	-6.129	25.77	-5.443	25.78	-4.757	25.79	-4.071	25.80	-3.385</						

379	30.24	4.522	30.25	5.050	30.26	5.578	30.27	6.107	30.28	6.635	30.29	7.163	30.30	7.691	30.31	8.219	30.32
380	30.32	3.653	30.33	3.176	30.34	2.703	30.35	2.228	30.36	1.753	30.37	1.278	30.38	0.803	30.39	0.328	30.40
381	30.40	-0.200	30.41	-0.719	30.42	-1.221	30.43	-1.731	30.44	-2.241	30.45	-2.751	30.46	-3.261	30.47	-3.771	30.48
382	30.48	-2.512	30.49	-2.314	30.50	-2.116	30.51	-1.917	30.52	-1.719	30.53	-1.521	30.54	-1.323	30.55	-1.125	30.56
383	30.56	0.129	30.57	0.855	30.58	1.581	30.59	2.307	30.60	3.033	30.61	3.759	30.62	4.485	30.63	5.211	30.64
384	30.64	1.758	30.65	1.389	30.66	1.020	30.67	0.651	30.68	0.282	30.69	-0.087	30.70	-0.456	30.71	-0.825	30.72
385	30.72	-0.021	30.73	0.001	30.74	0.023	30.75	0.045	30.76	0.067	30.77	0.089	30.78	0.111	30.79	0.133	30.80
386	30.80	0.530	30.81	0.676	30.82	0.823	30.83	0.970	30.84	1.117	30.85	1.264	30.86	1.411	30.87	1.558	30.88
387	30.88	0.663	30.89	0.303	30.90	-0.050	30.91	-0.410	30.92	-0.779	30.93	-1.139	30.94	-1.499	30.95	-1.859	30.96
388	30.96	-2.081	30.97	-2.395	30.98	-2.709	30.99	-3.023	31.00	-3.337	31.01	-3.651	31.02	-3.965	31.03	-4.279	31.04
389	31.04	-3.336	31.05	-3.336	31.06	-3.336	31.07	-3.336	31.08	-3.336	31.09	-3.336	31.10	-3.336	31.11	-3.336	31.12
390	31.12	-7.603	31.13	-7.414	31.14	-7.226	31.15	-7.037	31.16	-6.848	31.17	-6.659	31.18	-6.471	31.19	-6.282	31.20
391	31.20	-5.974	31.21	-5.686	31.22	-5.398	31.23	-5.109	31.24	-4.821	31.25	-4.533	31.26	-4.245	31.27	-3.957	31.28
392	31.28	-6.074	31.29	-7.688	31.30	-6.823	31.31	-5.957	31.32	-5.092	31.33	-4.226	31.34	-3.361	31.35	-2.495	31.36
393	31.36	-2.770	31.37	-3.060	31.38	-3.343	31.39	-3.625	31.40	-3.908	31.41	-4.190	31.42	-4.473	31.43	-4.755	31.44
394	31.44	-4.596	31.45	-4.657	31.46	-4.719	31.47	-4.780	31.48	-4.841	31.49	-4.902	31.50	-4.963	31.51	-5.024	31.52
395	31.52	-1.699	31.53	-1.083	31.54	-0.467	31.55	0.149	31.56	0.765	31.57	1.381	31.58	1.998	31.59	2.614	31.60
396	31.60	3.230	31.61	3.846	31.62	4.462	31.63	5.078	31.64	5.694	31.65	6.310	31.66	6.926	31.67	7.542	31.68
397	31.68	7.054	31.69	8.555	31.70	10.056	31.71	11.557	31.72	13.058	31.73	14.559	31.74	16.060	31.75	17.561	31.76
398	31.76	1.957	31.77	1.809	31.78	1.661	31.79	1.513	31.80	1.365	31.81	1.217	31.82	1.069	31.83	0.921	31.84
399	31.84	2.857	31.85	3.089	31.86	3.321	31.87	3.553	31.88	3.785	31.89	4.017	31.90	4.249	31.91	4.481	31.92
400	31.92	5.611	31.93	5.304	31.94	4.996	31.95	4.688	31.96	4.380	31.97	4.072	31.98	3.764	31.99	3.456	32.00
401	32.00	7.931	32.01	8.782	32.02	9.633	32.03	10.484	32.04	11.335	32.05	12.186	32.06	13.037	32.07	13.888	32.08
402	32.08	3.159	32.09	2.561	32.10	1.963	32.11	1.365	32.12	0.767	32.13	0.169	32.14	-0.429	32.15	-1.027	32.16
403	32.16	1.679	32.17	2.009	32.18	2.416	32.19	2.823	32.20	3.230	32.21	3.637	32.22	4.044	32.23	4.451	32.24
404	32.24	7.018	32.25	8.368	32.26	9.718	32.27	11.068	32.28	12.418	32.29	13.768	32.30	15.118	32.31	16.468	32.32
405	32.32	2.715	32.33	1.080	32.34	1.044	32.35	0.208	32.36	-0.496	32.37	-1.199	32.38	-1.903	32.39	-2.607	32.40
406	32.40	-3.310	32.41	-4.014	32.42	-4.718	32.43	-5.422	32.44	-6.126	32.45	-6.830	32.46	-7.534	32.47	-8.238	32.48
407	32.48	0.453	32.49	1.091	32.50	1.291	32.51	1.491	32.52	1.691	32.53	1.891	32.54	2.091	32.55	2.291	32.56
408	32.56	3.424	32.57	2.358	32.58	-4.838	32.59	-5.637	32.60	-6.436	32.61	-7.235	32.62	-8.034	32.63	-8.833	32.64
409	32.64	-4.039	32.65	-4.838	32.66	-5.637	32.67	-6.436	32.68	-7.235	32.69	-8.034	32.70	-8.833	32.71	-9.632	32.72
410	32.72	-1.500	32.73	-1.512	32.74	-1.525	32.75	-1.537	32.76	-1.549	32.77	-1.561	32.78	-1.573	32.79	-1.585	32.80
411	32.80	-1.395	32.81	-1.204	32.82	-1.014	32.83	-0.823	32.84	-0.632	32.85	-0.441	32.86	-0.250	32.87	-0.059	32.88
412	32.88	0.307	32.89	0.307	32.90	0.307	32.91	0.307	32.92	0.307	32.93	0.307	32.94	0.307	32.95	0.307	32.96
413	32.96	4.034	32.97	4.554	32.98	5.075	32.99	5.596	33.00	6.117	33.01	6.638	33.02	7.159	33.03	7.680	33.04
414	33.04	5.194	33.05	4.963	33.06	4.733	33.07	4.502	33.08	4.271	33.09	4.041	33.10	3.810	33.11	3.579	33.12
415	33.12	2.301	33.13	1.808	33.14	0.775	33.15	-0.259	33.16	-1.283	33.17	-2.307	33.18	-3.331	33.19	-4.355	33.20
416	33.20	1.468	33.21	1.809	33.22	2.150	33.23	2.491	33.24	2.832	33.25	3.173	33.26	3.514	33.27	3.855	33.28
417	33.28	-0.036	33.29	-1.246	33.30	-2.456	33.31	-3.666	33.32	-4.876	33.33	-6.086	33.34	-7.296	33.35	-8.506	33.36
418	33.36	-5.126	33.37	-5.189	33.38	-5.251	33.39	-5.314	33.40	-5.377	33.41	-5.440	33.42	-5.503	33.43	-5.566	33.44
419	33.44	-5.191	33.45	-5.166	33.46	-5.141	33.47	-5.116	33.48	-5.091	33.49	-5.066	33.50	-5.041	33.51	-5.016	33.52
420	33.52	-2.730	33.53	-2.437	33.54	-2.143	33.55	-1.850	33.56	-1.557	33.57	-1.264	33.58	-0.971	33.59	-0.678	33.60
421	33.60	-1.878	33.61	-1.940	33.62	-2.002	33.63	-2.064	33.64	-2.126	33.65	-2.188	33.66	-2.250	33.67	-2.312	33.68
422	33.68	-2.162	33.69	-2.140	33.70	-2.118	33.71	-2.096	33.72	-2.074	33.73	-2.052	33.74	-2.030	33.75	-2.008	33.76
423	33.76	2.964	33.77	2.833	33.78	2.701	33.79	2.569	33.80	2.437	33.81	2.305	33.82	2.173	33.83	2.041	33.84
424	33.84	-0.685	33.85	-0.746	33.86	-0.808	33.87	-0.869	33.88	-0.931	33.89	-0.992	33.90	-1.053	33.91	-1.114	33.92
425	33.92	1.549	33.93	2.356	33.94	3.163	33.95	3.970	33.96	4.777	33.97	5.584	33.98	6.391	33.99	7.198	34.00
426	34.00	5.629	34.01	5.785	34.02	5.941	34.03	6.097	34.04	6.253	34.05	6.409	34.06	6.565	34.07	6.721	34.08
427	34.08	2.905	34.09	2.003	34.10	1.101	34.11	0.199	34.12	-0.703	34.13	-1.605	34.14	-2.507	34.15	-3.409	34.16
428	34.16	-0.344	34.17	-0.679	34.18	-1.014	34.19	-1.349	34.20	-1.684	34.21	-2.019	34.22	-2.354	34.23	-2.689	34.24
429	34.24	-1.016	34.25	-1.065	34.26	-1.113	34.27	-1.161	34.28	-1.209	34.29	-1.257	34.30	-1.305	34.31	-1.353	34.32
430	34.32	-0.830	34.33	-0.783	34.34	-0.697	34.35	-0.631	34.36	-0.565	34.37	-0.499	34.38	-0.433	34.39	-0.367	34.40
431	34.40	0.117	34.41	0.643	34.42	1.169	34.43	2.296	34.44	3.423	34.45	4.550	34.46	5.677	34.47	6.804	34.48
432	34.48	4.636	34.49	4.753	34.50	4.871	34.51	4.989	34.52	5.107	34.53	5.225	34.54	5.343	34.55	5.461	34.56
433	34.56	4.652	34.57	4.124	34.58	3.597	34.59	3.069	34.60	2.541	34.61	2.013	34.62	1.485	34.63	0.957	34.64
434	34.64	2.592	34.65	2.605	34.66	2.617	34.67	2.630	34.68	2.643	34.69	2.656	34.70	2.669	34.71	2.682	34.72
435	34.72	-0.624	34.73	-1.107	34.74	-1.591	34.75	-2.075	34.76	-2.558	34.77	-3.042	34.78	-3.526	34.79	-4.010	34.80
436	34.80	-2.611	34.81	-2.734	34.82	-2.857	34.83	-2.980	34.84	-3.103	34.85	-3.226	34.86	-3.349	34.87	-3.472	34.88
437	34.88	-1.655	34.89	-1.247	34.90	-0.840	34.91	-0.433	34.92	0.074	34.93	0.581	34.94	1.088	34.95	1.595	34.96
438	34.96	1.220	34.97	1.053	34.98	0.877	34.99	0.701	35.00	0.525	35.01	0.349	35.02	0.173	35.03	0.097	35.04
439	35.04	-0.837	35.05	-0.678	35.06	-0.520	35.07	-0.361	35.08	-0.203	35.09	-0.044	35.10	0.124	35.11	0.290	35.12
440	35.12	1.672	35.13	2.244	35.14	2.816	35.15	3.388	35.16	3.960	35.17	4.532	35.18	5.104	35.19	5.676	35.20
441	35.20	2.950	35.21	2.862	35.22	2.774	35.23	2.686	35.24	2.598	35.25	2.510	35.26	2.422	35.27	2.334	35.28
442	35.28	-0.568	35.29	-0.797	35.30	-1.025	35.31	-1.254	35.32	-1.482	35.33	-1.711	35.34	-1.939	35.35	-2.168	35.36
443	35.36	-2.502	35.37	-2.766	35.38	-3.030	35.39	-3.294	35.40	-3.558	35.41	-3.822	35.42	-4.086	35.43	-4.350	35.44
444	35.44	2.162	35.45	3.034	35.46	3.906	35.47	4.778	35.48	5.650	35.49	6.522	35.50	7.394	35.51	8.266	35.52
445	35.52	6.193	35.53	6.740	35.54	7.287	35.55	7.834	35.56	8.381	35.57	8.928	35.58	9.475	35.59	10.022	35.60
446	35.60	2.099	35.61	1.198	35.62	0.297	35.63										

Digitized Accelerogram of Earthquake Record with Index Number E-48 (11-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-36.159	0.01	-5.157	0.02	12.343	0.03	1.135	0.04	-11.027	0.05	1.174	0.06	-4.398	0.07	-8.396
2	0.08	-6.176	0.09	-7.767	0.10	-2.265	0.11	5.351	0.12	-0.136	0.13	-7.510	0.14	-9.382	0.15	-6.881
3	0.16	-0.379	0.17	-6.502	0.18	-1.090	0.19	-2.499	0.20	-13.997	0.21	6.130	0.22	3.632	0.23	0.308
4	0.24	-5.239	0.25	-15.987	0.26	-3.485	0.27	20.786	0.28	15.767	0.29	-7.479	0.30	-13.478	0.31	-28.475
5	0.32	-16.184	0.33	29.278	0.34	23.154	0.35	-3.132	0.36	-5.451	0.37	-3.965	0.38	-7.088	0.39	-6.211
6	0.40	-5.324	0.41	-1.631	0.42	-7.204	0.43	-1.565	0.44	-0.687	0.45	1.039	0.46	-8.072	0.47	-6.096
7	0.48	-5.519	0.49	-3.607	0.50	-1.156	0.51	-3.312	0.52	-0.687	0.53	-3.671	0.54	-7.690	0.55	-7.431
8	0.56	-16.304	0.57	-6.303	0.58	3.023	0.59	0.709	0.60	-5.798	0.61	-1.155	0.62	-0.169	0.63	-2.552
9	0.64	-12.165	0.65	-5.726	0.66	0.713	0.67	-2.034	0.68	-1.781	0.69	-1.155	0.70	-1.777	0.71	0.971
10	0.72	-4.225	0.73	-0.272	0.74	-13.770	0.75	13.402	0.76	40.733	0.77	59.860	0.78	40.880	0.79	-69.886
11	0.80	-7.685	0.81	-5.507	0.82	70.620	0.83	108.122	0.84	85.995	0.85	-121.624	0.86	-156.622	0.87	-113.495
12	0.88	-4.788	0.89	-5.133	0.90	100.175	0.91	-100.987	0.92	-71.359	0.93	-19.482	0.94	41.393	0.95	53.518
13	0.96	-33.978	0.97	-6.476	0.98	-2.334	0.99	-1.472	1.00	27.029	1.01	52.279	1.02	19.286	1.03	-25.714
14	1.04	-27.463	1.05	-14.699	1.06	-40.198	1.07	27.452	1.08	11.168	1.09	31.045	1.10	48.546	1.11	22.925
15	1.12	-51.624	1.13	-28.931	1.14	-15.430	1.15	33.197	1.16	48.073	1.17	24.085	1.18	-28.933	1.19	-32.311
16	1.20	-20.933	1.21	-10.542	1.22	12.959	1.23	-26.334	1.24	21.338	1.25	-43.284	1.26	-34.520	1.27	-46.293
17	1.28	-28.419	1.29	-15.846	1.30	26.123	1.31	-30.709	1.32	-34.520	1.33	-21.143	1.34	-21.143	1.35	-14.767
18	1.36	0.685	1.37	-55.137	1.38	-46.136	1.39	-12.610	1.40	73.242	1.41	133.245	1.42	144.872	1.43	116.998
19	1.44	-47.889	1.45	-41.127	1.46	-18.070	1.47	-38.619	1.48	-0.121	1.49	36.084	1.50	-67.663	1.51	-80.736
20	1.52	82.877	1.53	71.017	1.54	120.516	1.55	174.896	1.56	180.020	1.57	-150.100	1.58	-110.474	1.59	-60.722
21	1.58	-6.883	1.59	79.032	1.60	-8.454	1.61	-27.284	1.62	-1.428	1.63	-2.942	1.64	-18.193	1.65	-24.819
22	1.66	9.152	1.67	160.913	1.68	-10.673	1.69	1.217	1.70	21.706	1.71	21.706	1.72	21.706	1.73	21.706
23	1.76	63.794	1.77	-12.175	1.78	-10.673	1.79	-15.047	1.80	-1.428	1.81	2.942	1.82	2.942	1.83	2.942
24	1.84	-40.626	1.85	-52.311	1.86	-106.156	1.87	-68.684	1.88	-15.916	1.89	24.085	1.90	54.725	1.91	116.588
25	1.92	188.575	1.93	79.826	1.94	-89.421	1.95	-61.910	1.96	-15.916	1.97	24.085	1.98	54.725	1.99	116.588
26	2.00	122.465	2.01	69.171	2.02	-47.392	2.03	-35.653	2.04	25.973	2.05	46.975	2.06	54.725	2.07	116.588
27	2.08	14.229	2.09	-27.767	2.10	-37.888	2.11	-42.513	2.12	-32.387	2.13	4.114	2.14	52.492	2.15	67.744
28	2.16	57.995	2.17	37.122	2.18	-30.624	2.19	-25.810	2.20	-20.196	2.21	-8.868	2.22	-19.242	2.23	-29.614
29	2.24	-35.363	2.25	-23.736	2.26	-10.110	2.27	-4.358	2.28	-34.855	2.29	-37.979	2.30	-23.772	2.31	9.897
30	2.32	14.024	2.33	10.778	2.34	7.4529	2.35	7.408	2.36	30.034	2.37	23.535	2.38	17.036	2.39	-10.210
31	2.40	-12.209	2.41	-11.831	2.42	-8.454	2.43	-27.284	2.44	-1.428	2.45	-5.012	2.46	0.052	2.47	13.429
32	2.48	24.357	2.49	3.559	2.50	-17.430	2.51	-15.047	2.52	-1.428	2.53	2.942	2.54	18.193	2.55	24.819
33	2.56	23.071	2.57	-12.175	2.58	-10.673	2.59	1.217	2.60	21.706	2.61	21.706	2.62	21.706	2.63	21.706
34	2.64	19.587	2.65	13.901	2.66	8.215	2.67	7.402	2.68	4.110	2.69	-12.135	2.70	-19.136	2.71	-16.635
35	2.72	5.351	2.73	3.479	2.74	5.481	2.75	7.402	2.76	4.110	2.77	-12.135	2.78	-19.136	2.79	-16.635
36	2.80	-18.133	2.81	-20.630	2.82	-13.079	2.83	-7.127	2.84	12.075	2.85	11.376	2.86	9.678	2.87	5.272
37	2.88	-11.117	2.89	0.510	2.90	10.887	2.91	9.387	2.92	7.890	2.93	0.392	2.94	-2.104	2.95	5.272
38	2.96	4.482	2.97	3.692	2.98	2.992	2.99	12.653	3.00	21.156	3.01	20.283	3.02	9.909	3.03	0.037
39	3.04	2.038	3.05	4.040	3.06	7.167	3.07	7.455	3.08	5.546	3.09	3.547	3.10	5.050	3.11	7.239
40	3.12	-9.618	3.13	-8.159	3.14	-5.692	3.15	-3.799	3.16	-1.672	3.17	-8.188	3.18	-0.809	3.19	-10.682
41	3.20	-9.618	3.21	-8.159	3.22	-5.692	3.23	-3.799	3.24	-1.672	3.25	-8.188	3.26	-0.809	3.27	-10.682
42	3.28	-7.853	3.29	-5.413	3.30	-2.535	3.31	-4.646	3.32	-7.156	3.33	-8.092	3.34	-2.695	3.35	3.488
43	3.36	-2.524	3.37	3.977	3.38	9.128	3.39	7.082	3.40	1.109	3.41	1.902	3.42	8.252	3.43	7.504
44	3.44	9.990	3.45	10.743	3.46	10.995	3.47	9.459	3.48	8.124	3.49	9.001	3.50	8.252	3.51	7.504
45	3.52	4.506	3.53	3.884	3.54	4.150	3.55	5.416	3.56	1.388	3.57	-2.608	3.58	-1.731	3.59	1.445
46	3.60	6.647	3.61	3.024	3.62	-0.162	3.63	-3.343	3.64	-3.719	3.65	0.095	3.66	3.909	3.67	1.953
47	3.68	-0.003	3.69	-1.959	3.70	0.625	3.71	3.210	3.72	5.794	3.73	6.129	3.74	6.465	3.75	6.600
48	3.76	7.552	3.77	8.305	3.78	7.806	3.79	7.308	3.80	6.809	3.81	4.748	3.82	2.688	3.83	3.502
49	3.84	6.376	3.85	6.445	3.86	6.821	3.87	6.193	3.88	6.950	3.89	7.390	3.90	5.830	3.91	2.457
50	3.92	1.501	3.93	0.544	3.94	-0.412	3.95	1.843	3.96	-0.657	3.97	-2.530	3.98	-3.091	3.99	-3.652
51	4.00	-4.672	4.01	-5.773	4.02	0.726	4.03	0.370	4.04	0.982	4.05	0.484	4.06	-1.889	4.07	-4.261
52	4.08	-4.672	4.09	-5.773	4.10	0.726	4.11	0.370	4.12	0.982	4.13	0.484	4.14	-1.889	4.15	-4.261
53	4.16	4.192	4.17	3.768	4.18	3.383	4.19	5.261	4.20	4.637	4.21	4.014	4.22	5.001	4.23	4.597
54	4.24	0.270	4.25	0.271	4.26	5.275	4.27	5.652	4.28	2.966	4.29	0.260	4.30	-0.405	4.31	-1.091
55	4.32	2.099	4.33	5.268	4.34	0.665	4.35	7.633	4.36	7.002	4.37	6.170	4.38	5.110	4.39	4.150
56	4.40	4.469	4.41	4.887	4.42	5.306	4.43	3.766	4.44	2.426	4.45	0.686	4.46	1.676	4.47	3.666
57	4.48	4.506	4.49	5.945	4.50	4.259	4.51	2.573	4.52	2.450	4.53	2.326	4.54	2.203	4.55	1.893
58	4.56	1.583	4.57	0.835	4.58	0.087	4.59	0.495	4.60	0.903	4.61	1.311	4.62	1.719	4.63	0.034
59	4.64	-1.651	4.65	-1.836	4.66	-2.021	4.67	-0.688	4.68	3.356	4.69	3.566	4.70	3.776	4.71	3.986
60	4.72	5.426	4.73	6.866	4.74	6.181	4.75	6.370	4.76	6.580	4.77	6.790	4.78	7.000	4.79	6.877
61	4.80	6.175	4.81	6.632	4.82	5.925	4.83	0.776	4.84	-0.512	4.85	-2.639	4.86	0.766	4.87	2.380
62	4.88	4.395	4.89	6.127	4.90	0.147	4.91	0.176	4.92	-0.472	4.93	-1.720	4.94	1.282	4.95	2.846
63	4.96	4.410	4.97	2.099	4.98	-0.211	4.99	1.917	5.00	2.056	5.01	3.795	5.02	3.734	5.03	1.674
64	5.04	2.050	5.05	2.427	5.06	2.804	5.07	3.180	5.08	3.557	5.09	3.934	5.10	3.311	5.11	2.688
65	5.12	4.065	5.13	5.442	5.14	2.069	5.15	1.657	5.16	4.011	5.17	6.324	5.18	5.201	5.19	2.703
66	5.20	0.420	5.21	-3.667	5.22	0.335	5.23	5.086	5.24	9.213	5.25	7.716	5.26	5.217	5.27	2.718
67	5.28	0.470	5.29	2.972	5.30	5.474	5.31	4.227	5.32	3.416	5.33	2.605	5.34	0.233	5.35	-0.077
68	5.36	-0.438	5.37	0.551	5.38	1.490	5.39	1.179	5.40	0.869	5.41	1.372	5.42	1.373	5.43	1.374
69	5.44	3.002	5.45	4.066	5.46	11.770	5.47	8.207	5.48	4.009	5.49	3.385	5.50	2.762	5.51	4.451
70	5.52	6.141	5.53	8.956	5.54	5.161	5.55	7.105	5.56	4.648	5.57	0.901	5.58	4.653	5.59	4.155
71	5.60	3.657	5.61	4.409	5.62	5.161	5.63	7.105	5.64	4.648	5.65	0.901	5.66	4.653	5.67	2.733
72	5.68	-0.077	5.69	-1.263	5.70	-2.449	5.71	-0.573	5.72	-1.303	5.73	1.605	5.74	2.307	5.75	1.528
73	5.76	0.748	5.77	-0.031	5.78	-0.810	5.79	-1.057	5.80	-0.264	5.81	0.528	5.82	1.321	5.83	1.

127	10.08	-2.226	10.09	-1.927	10.10	-1.628	10.11	-1.710	10.12	-1.791	10.13	-1.873	10.14	-1.954	10.15	-2.035
128	10.16	-2.117	10.17	-2.198	10.18	-2.280	10.19	-2.361	10.20	-2.443	10.21	-2.524	10.22	-2.606	10.23	-2.688
129	10.24	-2.686	10.25	-2.726	10.26	-2.765	10.27	-2.805	10.28	-2.845	10.29	-2.885	10.30	-2.925	10.31	-2.965
130	10.32	-3.004	10.33	-3.044	10.34	-3.084	10.35	-3.144	10.36	-3.205	10.37	-3.266	10.38	-3.326	10.39	-3.387
131	10.40	-3.447	10.41	-3.507	10.42	-3.568	10.43	-3.628	10.44	-3.689	10.45	-3.752	10.46	-3.816	10.47	-3.879
132	10.48	-2.983	10.49	-2.806	10.50	-3.054	10.51	-3.302	10.52	-3.550	10.53	-3.799	10.54	-4.047	10.55	-4.295
133	10.56	-4.543	10.57	-4.436	10.58	-4.330	10.59	-4.224	10.60	-4.117	10.61	-4.010	10.62	-3.904	10.63	-4.127
134	10.64	-4.350	10.65	-4.573	10.66	-4.796	10.67	-5.019	10.68	-5.243	10.69	-5.466	10.70	-5.689	10.71	-5.912
135	10.72	-6.135	10.73	-5.930	10.74	-5.725	10.75	-5.520	10.76	-5.315	10.77	-5.110	10.78	-4.905	10.79	-4.700
136	10.80	-6.495	10.81	-3.993	10.82	-3.492	10.83	-2.990	10.84	-3.582	10.85	-4.174	10.86	-4.765	10.87	-5.357
137	10.88	-5.417	10.89	-5.477	10.90	-5.538	10.91	-5.598	10.92	-5.752	10.93	-5.906	10.94	-6.061	10.95	-6.215
138	10.96	-6.085	10.97	-5.962	10.98	-5.835	10.99	-5.709	11.00	-5.582	11.01	-5.457	11.02	-5.332	11.03	-5.207
139	11.04	-6.422	11.05	-6.345	11.06	-6.268	11.07	-6.191	11.08	-6.014	11.09	-5.837	11.10	-5.660	11.11	-5.483
140	11.12	-5.306	11.13	-5.429	11.14	-5.551	11.15	-5.674	11.16	-5.796	11.17	-5.918	11.18	-6.041	11.19	-6.163
141	11.20	-5.835	11.21	-5.845	11.22	-5.854	11.23	-5.864	11.24	-5.874	11.25	-5.884	11.26	-5.894	11.27	-5.903
142	11.28	-5.913	11.29	-5.927	11.30	-5.941	11.31	-5.955	11.32	-5.969	11.33	-5.984	11.34	-5.998	11.35	-6.012
143	11.36	-6.026	11.37	-6.040	11.38	-6.054	11.39	-6.068	11.40	-6.082	11.41	-6.097	11.42	-6.111	11.43	-6.125
144	11.44	-6.139	11.45	-6.153	11.46	-6.269	11.47	-6.384	11.48	-6.500	11.49	-6.616	11.50	-6.732	11.51	-6.847
145	11.52	-6.963	11.53	-7.079	11.54	-7.195	11.55	-7.311	11.56	-7.426	11.57	-7.542	11.58	-7.658	11.59	-7.774
146	11.60	-7.889	11.61	-8.005	11.62	-8.121	11.63	-8.237	11.64	-8.353	11.65	-8.469	11.66	-8.585	11.67	-8.701
147	11.68	-8.817	11.69	-8.930	11.70	-9.043	11.71	-9.156	11.72	-9.269	11.73	-9.382	11.74	-9.495	11.75	-9.608
148	11.76	-9.720	11.77	-9.833	11.78	-9.946	11.79	-10.059	11.80	-10.172	11.81	-10.285	11.82	-10.398	11.83	-10.511
149	11.84	-10.624	11.85	-10.737	11.86	-10.850	11.87	-10.963	11.88	-11.076	11.89	-11.189	11.90	-11.302	11.91	-11.415

Digitized Accelerogram of Earthquake Record with Index Number E-49 (11-Y)

CARD	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y
1	0.0	-3.024	0.01	9.175	0.02	-11.325	0.03	-14.025	0.04	-11.088	0.05	-8.951	0.06	-1.952	0.07	-2.377		
2	0.08	-7.578	0.09	-2.328	0.10	2.671	0.11	3.858	0.12	5.045	0.13	4.295	0.14	5.544	0.15	-5.080		
3	0.16	-13.351	0.17	-8.956	0.18	-4.332	0.19	6.354	0.20	17.041	0.21	24.041	0.22	-17.084	0.23	-35.084		
4	0.24	-20.980	0.25	12.289	0.26	33.163	0.27	35.788	0.28	20.413	0.29	-32.587	0.30	-17.588	0.31	0.786		
5	0.32	13.911	0.33	-11.714	0.34	-25.339	0.35	-11.215	0.36	-0.715	0.37	12.033	0.38	9.845	0.39	9.158		
6	0.40	4.657	0.41	1.657	0.42	0.406	0.43	-1.214	0.44	-6.504	0.45	-11.719	0.46	-9.070	0.47	-9.757		
7	0.48	-0.345	0.49	-10.221	0.50	-3.846	0.51	-12.902	0.52	17.027	0.53	-14.598	0.54	-19.973	0.55	-0.723		
8	0.56	9.775	0.57	13.525	0.58	-10.100	0.59	-6.975	0.60	-6.976	0.61	-11.726	0.62	-13.976	0.63	-1.977		
9	0.64	4.647	0.65	3.771	0.66	5.271	0.67	5.020	0.68	5.228	0.69	5.436	0.70	5.644	0.71	12.893		
10	0.72	-0.231	0.73	-29.232	0.74	-31.357	0.75	-10.232	0.76	23.016	0.77	31.016	0.78	10.139	0.79	-33.234		
11	0.80	-43.109	0.81	-40.985	0.82	-15.359	0.83	-31.888	0.84	27.575	0.85	23.262	0.86	3.762	0.87	2.136		
12	0.88	5.636	0.89	-1.239	0.90	-11.739	0.91	-12.115	0.92	-1.365	0.93	6.884	0.94	-30.116	0.95	-45.992		
13	0.96	-39.367	0.97	-25.498	0.98	40.758	0.99	42.881	1.00	35.068	1.01	27.256	1.02	-39.614	1.03	-50.370		
14	1.04	-27.120	1.05	25.498	1.06	41.126	1.07	49.752	1.08	30.562	1.09	19.751	1.10	-2.123	1.11	-17.999		
15	1.12	-35.874	1.13	-46.874	1.14	-31.002	1.15	-44.002	1.16	23.988	1.17	18.310	1.18	0.247	1.19	0.247		
16	1.20	-0.253	1.21	-9.753	1.22	-9.128	1.23	-8.504	1.24	-9.254	1.25	5.932	1.26	19.118	1.27	16.494		
17	1.28	13.069	1.29	13.743	1.30	13.617	1.31	-0.631	1.32	-17.383	1.33	-29.568	1.34	-22.384	1.35	-35.261		
18	1.36	9.739	1.37	-0.010	1.38	-9.135	1.39	-20.635	1.40	-10.886	1.41	2.612	1.42	10.862	1.43	-15.112		
19	1.44	-3.388	1.45	-14.888	1.46	-10.639	1.47	-1.390	1.48	1.734	1.49	-14.265	1.50	-19.266	1.51	-11.266		
20	1.52	4.356	1.53	-52.142	1.54	-65.017	1.55	-74.518	1.56	-20.148	1.57	7.480	1.58	15.480	1.59	2.229		
21	1.60	-6.019	1.61	6.729	1.62	50.603	1.63	77.603	1.64	92.601	1.65	-160.022	1.66	-105.897	1.67	-146.521		
22	1.68	-71.280	1.69	-0.649	1.70	-46.225	1.71	106.474	1.72	169.474	1.73	148.849	1.74	129.223	1.75	74.598		
23	1.76	-41.277	1.77	-31.153	1.78	-21.028	1.79	-10.903	1.80	2.721	1.81	16.344	1.82	51.969	1.83	42.469		
24	1.84	32.568	1.85	10.470	1.86	18.467	1.87	28.467	1.88	14.966	1.89	-31.154	1.90	-18.158	1.91	-25.284		
25	1.92	-30.934	1.93	-39.035	1.94	-46.410	1.95	-42.036	1.96	-32.098	1.97	-22.161	1.98	-10.912	1.99	-12.481		
26	2.00	-4.413	2.01	-17.268	2.02	-30.163	2.03	-38.769	2.04	-5.040	2.05	15.084	2.06	0.959	2.07	-11.616		
27	2.08	-16.541	2.09	0.082	2.10	26.703	2.11	21.206	2.12	-6.418	2.13	-10.794	2.14	-0.169	2.15	-12.580		
28	2.16	18.204	2.17	-20.421	2.18	-1.296	2.19	17.827	2.20	29.327	2.21	39.827	2.22	24.701	2.23	15.826		
29	2.24	20.450	2.25	26.700	2.26	31.574	2.27	30.074	2.28	24.699	2.29	19.323	2.30	-2.801	2.31	-2.302		
30	2.32	-1.892	2.33	-0.178	2.34	-9.553	2.35	-18.679	2.36	-21.929	2.37	-18.304	2.38	-10.555	2.39	-14.930		
31	2.40	-19.806	2.41	-14.556	2.42	-13.223	2.43	-11.890	2.44	-10.557	2.45	-4.683	2.46	-4.871	2.47	-5.059		
32	2.48	5.315	2.49	13.439	2.50	10.439	2.51	5.438	2.52	-11.184	2.53	-10.937	2.54	8.937	2.55	11.936		
33	2.56	6.936	2.57	-1.939	2.58	0.935	2.59	1.359	2.60	2.184	2.61	-3.315	2.62	-7.691	2.63	-7.086		
34	2.64	-6.067	2.65	-6.442	2.66	-11.943	2.67	-13.693	2.68	-9.256	2.69	-4.819	2.70	-1.007	2.71	-2.804		
35	2.72	6.054	2.73	9.303	2.74	8.678	2.75	8.053	2.76	6.427	2.77	15.301	2.78	19.801	2.79	12.481		
36	2.80	18.050	2.81	12.300	2.82	16.299	2.83	20.174	2.84	18.048	2.85	6.473	2.86	-1.951	2.87	-8.577		
37	2.88	-3.703	2.89	-1.453	2.90	-4.161	2.91	-6.870	2.92	-9.579	2.93	-6.455	2.94	3.169	2.95	-5.206		
38	2.96	-0.103	2.97	5.000	2.98	7.290	2.99	5.000	3.00	0.400	3.01	-4.200	3.02	-2.000	3.03	1.000		
39	3.04	8.500	3.05	8.667	3.06	8.833	3.07	9.000	3.08	11.912	3.09	20.162	3.10	27.037	3.11	17.661		
40	3.12	5.000	3.13	1.000	3.14	5.000	3.15	15.909	3.16	4.409	3.17	5.283	3.18	6.158	3.19	4.939		
41	3.20	3.720	3.21	2.500	3.22	1.281	3.23	-1.157	3.24	-3.594	3.25	-0.220	3.26	3.155	3.27	8.029		
42	3.28	7.403	3.29	4.715	3.30	0.208	3.31	1.402	3.32	5.151	3.33	4.901	3.34	3.895	3.35	2.775		
43	3.36	2.149	3.37	1.524	3.38	0.711	3.39	-0.101	3.40	-5.226	3.41	-7.414	3.42	-9.602	3.43	-8.977		
44	3.44	-8.353	3.45	-5.229	3.46	-2.104	3.47	5.144	3.48	8.268	3.49	-0.730	3.50	-7.731	3.51	-5.639		
45	3.52	-13.107	3.53	-6.982	3.54	3.141	3.55	8.266	3.56	5.265	3.57	3.953	3.58	2.640	3.59	1.511		
46	3.60	6.639	3.61	12.763	3.62	10.388	3.63	10.325	3.64	10.262	3.65	9.199	3.66	8.136	3.67	4.257		
47	3.68	-3.739	3.69	-2.302	3.70	-0.865	3.71	2.684	3.72	-1.491	3.73	-3.179	3.74	-4.856	3.75	4.257		
48	3.76	5.069	3.77	5.681	3.78	2.881	3.79	-0.119	3.80	0.255	3.81	0.567	3.82	0.879	3.83	0.253		
49	3.84	0.252	3.85	0.252	3.86	0.252	3.87	10.377	3.88	12.501	3.89	5.625	3.90	4.000	3.91	2.375		
50	3.92	3.125	3.93	3.874	3.94	5.124	3.95	6.373	3.96	7.185	3.97	7.997	3.98	3.622	3.99	-0.753		
51	4.00	2.955	4.01	3.670	4.02	4.619	4.03	2.578	4.04	0.536	4.05	-1.506	4.06	-3.694	4.07	-5.882		
52	4.08	-3.799	4.09	-1.717	4.10	0.356	4.11	2.616	4.12	4.865	4.13	3.490	4.14	2.114	4.15	2.676		
53	4.16	3.238	4.17	9.487	4.18	9.112	4.19	8.261	4.20	8.361	4.21	6.486	4.22	4.610	4.23	5.731		
54	4.24	6.026	4.25	6.734	4.26	6.025	4.27	5.316	4.28	4.607	4.29	3.648	4.30	2.650	4.31	1.731		
55	4.32	3.918	4.33	6.105	4.34	5.063	4.35	4.021	4.36	2.979	4.37	4.020	4.38	5.061	4.39	6.102		
56	4.40	6.571	4.41	7.039	4.42	7.507	4.43	7.976	4.44	6.160	4.45	5.225	4.46	3.349	4.47	1.474		
57	4.48	2.224	4.49	2.973	4.50	2.681	4.51	2.388	4.52	2.096	4.53	3.783	4.54	5.470	4.55	4.626		
58	4.56	3.782	4.57	2.938	4.58	2.094	4.59	3.010	4.60	3.926	4.61	4.042	4.62	3.686	4.63	2.529		
59	4.64	1.372	4.65	0.216	4.66	1.132	4.67	2.048	4.68	2.964	4.69	2.255	4.70	1.546	4.71	0.837		
60	4.72	1.681	4.73	2.524	4.74	3.368	4.75	4.211	4.76	3.794	4.77	3.377	4.78	2.960	4.79	1.273		
61	4.80	-0.815	4.81	2.004	4.82	4.593	4.83	3.541	4.84	2.498	4.85	1.456	4.86	3.851	4.87	2.831		
62	4.88	1.830	4.89	0.830	4.90	-0.170	4.91	3.152	4.92	3.152	4.93	4.028	4.94	4.827	4.95	10.077		
63	4.96	9.514	4.97	8.951	4.98	11.367	4.99	13.784	5.00	16.020	5.01	14.531	5.02	12.865	5.03	11.908		
64	5.04	6.073	5.05	4.947	5.06	1.134	5.07	-2.678	5.08	-1.304	5.09	0.070	5.10	1.508	5.11	2.945		
65	5.12	1.903	5.13	0.861	5.14	-0.181	5.15	-1.556	5.16	-2.932	5.17	-4.307	5.18	-5.058	5.19	-5.808		
66	5.20	-6.559	5.21	-5.518	5.22	-4.476	5.23	-3.435	5.24	-2.394	5.25	-1.352	5.26	-0.311	5.27	-0.011		
67	5.28	-1.312	5.29	-1.812	5.30	2.874	5.31	7.560	5.32	6.051	5.33	6.143	5.34	5.434	5.35	5.934		
68	5.36	6.433	5.37	6.808	5.38	7.182	5.39	7.557	5.40	10.307	5.41	13.056	5.42	10.472	5.43	7.889		
69	5.44	5.305	5.45	4.648	5.46	3.991	5.47	3.335	5.48	2.678	5.49	3.594	5.50	4.510	5.51	5.426		
70	5.52	1.988	5.53	-1.449	5.54	-0.825	5.55	-0.200	5.56</									

127	10.08	-1.354	10.09	-1.184	10.10	-1.014	10.11	-0.844	10.12	-0.674	10.13	-0.504	10.14	-0.335	10.15	-0.165
128	10.16	0.005	10.17	0.175	10.18	0.345	10.19	0.515	10.20	0.685	10.21	0.855	10.22	1.025	1.195	1.365
129	10.24	-5.323	10.25	-4.665	10.26	-4.007	10.27	-3.349	10.28	-2.691	10.29	-2.033	10.30	-1.375	10.31	-0.717
130	10.32	-2.694	10.33	-2.501	10.34	-2.308	10.35	-2.115	10.36	-1.922	10.37	-1.729	10.38	-1.536	10.39	-1.343
131	10.40	-1.788	10.41	-1.927	10.42	-2.067	10.43	-2.206	10.44	-2.345	10.45	-2.485	10.46	-2.624	10.47	-2.763
132	10.48	-2.903	10.49	-3.042	10.50	-3.181	10.51	-3.320	10.52	-3.459	10.53	-3.598	10.54	-3.737	10.55	-3.876
133	10.56	-3.946	10.57	-3.646	10.58	-3.347	10.59	-3.047	10.60	-2.747	10.61	-2.447	10.62	-2.147	10.63	-1.847
134	10.64	-5.675	10.65	-7.425	10.66	-9.175	10.67	-10.925	10.68	-12.675	10.69	-14.425	10.70	-16.175	10.71	-17.925
135	10.72	-5.116	10.73	-5.835	10.74	-6.554	10.75	-7.273	10.76	-7.992	10.77	-8.711	10.78	-9.430	10.79	-10.149
136	10.80	-4.932	10.81	-5.340	10.82	-5.748	10.83	-6.156	10.84	-6.564	10.85	-6.972	10.86	-7.380	10.87	-7.788
137	10.88	-7.373	10.89	-7.342	10.90	-7.311	10.91	-7.280	10.92	-7.250	10.93	-7.219	10.94	-7.188	10.95	-7.157
138	10.96	-7.189	10.97	-7.189	10.98	-7.189	10.99	-7.189	11.00	-7.189	11.01	-7.189	11.02	-7.189	11.03	-7.189
139	11.04	-8.139	11.05	-8.612	11.06	-9.085	11.07	-9.558	11.08	-10.031	11.09	-10.504	11.10	-10.977	11.11	-11.450
140	11.12	-11.405	11.13	-11.357	11.14	-11.309	11.15	-11.262	11.16	-11.214	11.17	-11.167	11.18	-11.119	11.19	-11.072
141	11.20	-11.024	11.21	-10.977	11.22	-10.929	11.23	-10.882	11.24	-10.834	11.25	-10.787	11.26	-10.739	11.27	-10.692
142	11.28	-10.644	11.29	-10.597	11.30	-10.549	11.31	-10.502	11.32	-10.454	11.33	-10.406	11.34	-10.359	11.35	-10.311
143	11.36	-10.264	11.37	-10.216	11.38	-10.169	11.39	-10.121	11.40	-10.074	11.41	-10.026	11.42	-9.979	11.43	-9.931
144	11.44	-9.884	11.45	-9.836	11.46	-9.789	11.47	-9.741	11.48	-9.694	11.49	-9.646	11.50	-9.599	11.51	-9.551
145	11.52	-9.503	11.53	-9.456	11.54	-9.408	11.55	-9.361	11.56	-9.313	11.57	-9.266	11.58	-9.218	11.59	-9.171
146	11.60	-10.224	11.61	-10.334	11.62	-10.444	11.63	-10.554	11.64	-10.664	11.65	-10.774	11.66	-10.884	11.67	-10.994
147	11.68	-9.007	11.69	-9.230	11.70	-9.453	11.71	-9.676	11.72	-9.899	11.73	-10.122	11.74	-10.345	11.75	-10.568
148	11.76	-10.042	11.77	-9.995	11.78	-9.947	11.79	-9.899	11.80	-9.852	11.81	-9.804	11.82	-9.757	11.83	-9.709
149	11.84	-9.661	11.85	-9.614	11.86	-9.566	11.87	-9.519	11.88	-9.471	11.89	-9.424	11.90	-9.376	11.91	-9.329
150	11.92	-7.640	11.93	-7.182	11.94	-6.724	11.95	-6.266	11.96	-5.808	11.97	-5.350	11.98	-4.892	11.99	-4.434

Digitized Accelerogram of Earthquake Record with Index Number E-50 (11-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	6.180	0.01	11.554	0.02	8.883	0.03	-6.325	0.04	-10.077	0.05	-6.454	0.06	14.167	0.07	11.666
2	0.08	-10.505	0.09	-9.961	0.10	-4.359	0.11	-3.968	0.12	-34.093	0.13	-4.345	0.14	2.652	0.15	-7.599
3	0.16	3.522	0.17	5.521	0.18	-13.350	0.19	-32.022	0.20	-38.486	0.21	-26.407	0.22	29.635	0.23	41.133
4	0.24	3.005	0.25	-19.120	0.26	-29.247	0.27	15.749	0.28	30.246	0.29	27.245	0.30	-10.381	0.31	-4.353
5	0.32	-5.511	0.33	-4.888	0.34	-10.140	0.35	-9.691	0.36	-3.644	0.37	-7.164	0.38	-3.665	0.39	1.848
6	0.40	-4.279	0.41	-3.280	0.42	4.467	0.43	4.215	0.44	-1.912	0.45	-7.164	0.46	-9.366	0.47	-12.557
7	0.48	13.706	0.49	-6.797	0.50	-23.298	0.51	-19.175	0.52	12.447	0.53	17.571	0.54	-9.366	0.55	-12.557
8	0.56	-7.810	0.57	-10.938	0.58	-10.064	0.59	7.432	0.60	10.181	0.61	8.304	0.62	6.428	0.63	4.549
9	0.64	-9.576	0.65	-14.453	0.66	11.042	0.67	16.166	0.68	10.289	0.69	-15.337	0.70	-21.089	0.71	-15.215
10	0.72	3.781	0.73	10.134	0.74	-8.974	0.75	-14.475	0.76	-11.102	0.77	-2.728	0.78	0.843	0.79	-3.107
11	0.80	-1.235	0.81	9.262	0.82	-31.608	0.83	-16.384	0.84	-5.829	0.85	-11.371	0.86	-18.998	0.87	9.874
12	0.88	38.746	0.89	35.368	0.90	22.848	0.91	16.847	0.92	-32.135	0.93	-9.889	0.94	-13.891	0.95	-40.769
13	0.96	-33.020	0.97	-11.897	0.98	17.085	1.00	21.207	1.01	20.768	1.02	-13.280	1.03	-12.545	1.04	-11.410
14	1.04	13.587	1.05	17.085	1.06	20.565	1.07	30.665	1.08	-1.811	1.09	-10.063	1.10	13.931	1.11	-22.177
15	1.12	-18.804	1.13	0.802	1.14	-14.571	1.15	-6.885	1.16	3.359	1.17	5.919	1.18	4.417	1.19	2.915
16	1.20	-12.070	1.21	-14.509	1.22	-24.090	1.23	-27.341	1.24	-20.219	1.25	-13.096	1.26	-3.224	1.27	0.732
17	1.28	3.162	1.29	12.645	1.30	-13.873	1.31	0.372	1.32	11.998	1.33	-36.379	1.34	-50.681	1.35	-42.632
18	1.36	-6.889	1.37	-19.934	1.38	3.441	1.39	26.545	1.40	-67.766	1.41	-42.413	1.42	-17.039	1.43	35.582
19	1.44	-25.989	1.45	4.236	1.46	-52.986	1.47	-74.283	1.48	8.170	1.49	6.195	1.50	29.317	1.51	22.566
20	1.52	31.481	1.53	74.845	1.54	17.576	1.55	-46.942	1.56	57.537	1.57	64.910	1.58	59.910	1.59	9.924
21	1.60	79.643	1.61	74.845	1.62	-66.441	1.63	35.799	1.64	2.396	1.65	-15.980	1.66	-21.107	1.67	-22.517
22	1.68	30.706	1.69	9.703	1.70	-48.326	1.71	14.682	1.72	19.754	1.73	16.878	1.74	0.251	1.75	-1.314
23	1.76	-94.311	1.77	-85.939	1.78	42.651	1.79	6.364	1.80	-5.262	1.81	-14.138	1.82	-19.890	1.83	-6.760
24	1.84	-39.077	1.85	1.370	1.86	4.099	1.87	-1.652	1.88	-7.403	1.89	-9.030	1.90	-5.657	1.91	-7.785
25	1.92	-17.093	1.93	2.535	1.94	-4.040	1.95	-9.918	1.96	-9.983	1.97	-10.047	1.98	-5.300	1.99	-11.052
26	2.00	3.012	2.01	1.227	2.02	0.585	2.03	9.639	2.04	-3.562	2.05	-8.689	2.06	-13.817	2.07	-7.319
27	2.08	-2.877	2.09	2.26	2.10	-14.680	2.11	6.300	2.12	16.167	2.13	6.525	2.14	9.273	2.15	11.146
28	2.16	-3.771	2.17	2.34	2.18	0.927	2.19	12.407	2.20	5.386	2.21	6.009	2.22	4.741	2.23	-2.762
29	2.24	-1.558	2.25	4.142	2.26	6.608	2.27	2.015	2.28	-2.005	2.29	-10.398	2.30	-5.775	2.31	-3.279
30	2.32	-10.554	2.33	3.342	2.34	2.484	2.35	12.885	2.36	5.585	2.37	3.416	2.38	1.248	2.39	-0.921
31	2.40	-5.696	2.41	9.074	2.42	0.559	2.43	16.696	2.44	12.693	2.45	6.065	2.46	9.438	2.47	7.936
32	2.48	2.911	2.49	0.494	2.50	4.038	2.51	3.684	2.52	-3.841	2.53	-2.342	2.54	-0.844	2.55	3.278
33	2.56	6.644	2.57	1.478	2.58	2.021	2.59	3.155	2.60	9.982	2.61	7.515	2.62	5.138	2.63	2.761
34	2.64	-8.122	2.65	5.476	2.66	-0.995	2.67	5.052	2.68	-2.938	2.69	6.106	2.70	3.405	2.71	3.096
35	2.72	-4.763	2.73	-2.243	2.74	4.992	2.75	7.498	2.76	6.106	2.77	7.057	2.78	6.836	2.79	2.358
36	2.80	0.032	2.81	7.718	2.82	3.683	2.83	4.992	2.84	7.280	2.85	5.612	2.86	3.943	2.87	4.815
37	2.88	4.076	2.89	2.061	2.90	3.186	2.91	2.702	2.92	-0.586	2.93	-1.122	2.94	-2.723	2.95	-4.325
38	2.96	-1.032	2.97	2.108	2.98	2.108	2.99	3.257	3.00	2.217	3.01	1.733	3.02	1.784	3.03	2.970
39	3.04	-1.032	3.05	3.071	3.06	3.535	3.07	3.257	3.08	1.829	3.09	3.210	3.10	5.291	3.11	7.372
40	3.12	-1.032	3.13	3.071	3.14	3.535	3.15	3.257	3.16	1.829	3.17	3.210	3.18	5.291	3.19	7.372
41	3.20	-1.032	3.21	3.071	3.22	3.535	3.23	3.257	3.24	1.829	3.25	3.210	3.26	5.291	3.27	7.372
42	3.28	-1.032	3.29	3.071	3.30	3.535	3.31	3.257	3.32	1.829	3.33	3.210	3.34	5.291	3.35	7.372
43	3.36	-1.032	3.37	3.071	3.38	3.535	3.39	3.257	3.40	1.829	3.41	3.210	3.42	5.291	3.43	7.372
44	3.44	-1.032	3.45	3.071	3.46	3.535	3.47	3.257	3.48	1.829	3.49	3.210	3.50	5.291	3.51	7.372
45	3.52	-1.032	3.53	3.071	3.54	3.535	3.55	3.257	3.56	1.829	3.57	3.210	3.58	5.291	3.59	7.372
46	3.60	-1.032	3.61	3.071	3.62	3.535	3.63	3.257	3.64	1.829	3.65	3.210	3.66	5.291	3.67	7.372
47	3.68	-1.032	3.69	3.071	3.70	3.535	3.71	3.257	3.72	1.829	3.73	3.210	3.74	5.291	3.75	7.372
48	3.76	-1.032	3.77	3.071	3.78	3.535	3.79	3.257	3.80	1.829	3.81	3.210	3.82	5.291	3.83	7.372
49	3.84	-1.032	3.85	3.071	3.86	3.535	3.87	3.257	3.88	1.829	3.89	3.210	3.90	5.291	3.91	7.372
50	3.92	-1.032	3.93	3.071	3.94	3.535	3.95	3.257	3.96	1.829	3.97	3.210	3.98	5.291	3.99	7.372
51	4.00	-1.032	4.01	3.071	4.02	3.535	4.03	3.257	4.04	1.829	4.05	3.210	4.06	5.291	4.07	7.372
52	4.08	-1.032	4.09	3.071	4.10	3.535	4.11	3.257	4.12	1.829	4.13	3.210	4.14	5.291	4.15	7.372
53	4.16	-1.032	4.17	3.071	4.18	3.535	4.19	3.257	4.20	1.829	4.21	3.210	4.22	5.291	4.23	7.372
54	4.24	-1.032	4.25	3.071	4.26	3.535	4.27	3.257	4.28	1.829	4.29	3.210	4.30	5.291	4.31	7.372
55	4.32	-1.032	4.33	3.071	4.34	3.535	4.35	3.257	4.36	1.829	4.37	3.210	4.38	5.291	4.39	7.372
56	4.40	-1.032	4.41	3.071	4.42	3.535	4.43	3.257	4.44	1.829	4.45	3.210	4.46	5.291	4.47	7.372
57	4.48	-1.032	4.49	3.071	4.50	3.535	4.51	3.257	4.52	1.829	4.53	3.210	4.54	5.291	4.55	7.372
58	4.56	-1.032	4.57	3.071	4.58	3.535	4.59	3.257	4.60	1.829	4.61	3.210	4.62	5.291	4.63	7.372
59	4.64	-1.032	4.65	3.071	4.66	3.535	4.67	3.257	4.68	1.829	4.69	3.210	4.70	5.291	4.71	7.372
60	4.72	-1.032	4.73	3.071	4.74	3.535	4.75	3.257	4.76	1.829	4.77	3.210	4.78	5.291	4.79	7.372
61	4.80	-1.032	4.81	3.071	4.82	3.535	4.83	3.257	4.84	1.829	4.85	3.210	4.86	5.291	4.87	7.372
62	4.88	-1.032	4.89	3.071	4.90	3.535	4.91	3.257	4.92	1.829	4.93	3.210	4.94	5.291	4.95	7.372
63	4.96	-1.032	4.97	3.071	4.98	3.535	4.99	3.257	5.00	1.829	5.01	3.210	5.02	5.291	5.03	7.372
64	5.04	-1.032	5.05	3.071	5.06	3.535	5.07	3.257	5.08	1.829	5.09	3.210	5.10	5.291	5.11	7.372
65	5.12	-1.032	5.13	3.071	5.14	3.535	5.15	3.257	5.16	1.829	5.17	3.210	5.18	5.291	5.19	7.372
66	5.20	-1.032	5.21	3.071	5.22	3.535	5.23	3.257	5.24	1.829	5.25	3.210	5.26	5.291	5.27	7.372
67	5.28	-1.032	5.29	3.071	5.30	3.535	5.31	3.257	5.32	1.829	5.33	3.210	5.34	5.291	5.35	7.372
68	5.36	-1.032	5.37	3.071	5.38	3.535	5.39	3.257	5.40	1.829	5.41	3.210	5.42	5.291	5.43	7.372
69	5.44	-1.032	5.45	3.071	5.46	3.535	5.47	3.257	5.48	1.829	5.49	3.210	5.50	5.291	5.51	7.372
70	5.52	-1.032	5.53	3.071	5.54	3.535	5.55	3.257	5.56	1.829	5.57	3.210	5.58	5.291	5.59	7.372
71	5.60	-1.032	5.61	3.071	5.62	3.535	5.63	3.257	5.64	1.829	5.65	3.210	5.66	5.291	5.67	7.372
72	5.68	-1.032	5.69	3.071	5.70	3.535	5.71	3.257	5.72	1.829	5.73	3.210	5.74	5.291	5.75	7.372
73	5.76	-1.032	5.77	3.071	5.78	3.535	5.79	3.257	5.80	1.829	5.81	3.210	5.82	5.291	5.83	7.372
74	5.84	-1.032	5.85	3.071	5.86	3.535	5.87	3.25								

127	10.08	-4.429	10.09	-5.422	10.10	-6.415	10.11	-7.408	10.12	-8.401	10.13	-9.394	10.14	-10.387	10.15	-11.380
128	10.16	-6.109	10.17	-6.059	10.18	-6.008	10.19	-5.957	10.20	-5.906	10.21	-5.855	10.22	-5.804	10.23	-5.753
129	10.24	-5.702	10.25	-5.651	10.26	-5.600	10.27	-5.549	10.28	-5.498	10.29	-5.448	10.30	-5.397	10.31	-5.346
130	10.32	-5.295	10.33	-5.244	10.34	-5.193	10.35	-5.142	10.36	-5.091	10.37	-5.040	10.38	-4.989	10.39	-4.938
131	10.40	-4.887	10.41	-4.837	10.42	-4.786	10.43	-4.735	10.44	-4.684	10.45	-4.633	10.46	-4.582	10.47	-4.531
132	10.48	-4.480	10.49	-4.429	10.50	-4.378	10.51	-4.327	10.52	-4.276	10.53	-4.226	10.54	-4.175	10.55	-4.124
133	10.56	-4.073	10.57	-4.022	10.58	-3.971	10.59	-3.920	10.60	-3.869	10.61	-3.818	10.62	-3.767	10.63	-3.716
134	10.64	-3.665	10.65	-3.614	10.66	-3.563	10.67	-3.512	10.68	-3.461	10.69	-3.410	10.70	-3.359	10.71	-3.308
135	10.72	-3.256	10.73	-3.205	10.74	-3.154	10.75	-3.103	10.76	-3.052	10.77	-3.001	10.78	-2.950	10.79	-2.899
136	10.80	-2.848	10.81	-2.797	10.82	-2.746	10.83	-2.695	10.84	-2.644	10.85	-2.593	10.86	-2.542	10.87	-2.491
137	10.88	-2.440	10.89	-2.389	10.90	-2.338	10.91	-2.287	10.92	-2.236	10.93	-2.185	10.94	-2.134	10.95	-2.083
138	10.96	-2.032	10.97	-1.981	10.98	-1.930	10.99	-1.879	11.00	-1.828	11.01	-1.777	11.02	-1.726	11.03	-1.675
139	11.04	-1.624	11.05	-1.573	11.06	-1.522	11.07	-1.471	11.08	-1.420	11.09	-1.369	11.10	-1.318	11.11	-1.267
140	11.12	-1.216	11.13	-1.165	11.14	-1.114	11.15	-1.063	11.16	-1.012	11.17	-0.961	11.18	-0.910	11.19	-0.859
141	11.20	-0.808	11.21	-0.757	11.22	-0.706	11.23	-0.655	11.24	-0.604	11.25	-0.553	11.26	-0.502	11.27	-0.451
142	11.28	-0.400	11.29	-0.349	11.30	-0.298	11.31	-0.247	11.32	-0.196	11.33	-0.145	11.34	-0.094	11.35	-0.043
143	11.36	-0.000	11.37	0.051	11.38	0.102	11.39	0.153	11.40	0.204	11.41	0.255	11.42	0.306	11.43	0.357
144	11.44	0.408	11.45	0.459	11.46	0.510	11.47	0.561	11.48	0.612	11.49	0.663	11.50	0.714	11.51	0.765
145	11.52	0.816	11.53	0.867	11.54	0.918	11.55	0.969	11.56	1.020	11.57	1.071	11.58	1.122	11.59	1.173
146	11.60	1.224	11.61	1.275	11.62	1.326	11.63	1.377	11.64	1.428	11.65	1.479	11.66	1.530	11.67	1.581
147	11.68	1.632	11.69	1.683	11.70	1.734	11.71	1.785	11.72	1.836	11.73	1.887	11.74	1.938	11.75	1.989
148	11.76	2.040	11.77	2.091	11.78	2.142	11.79	2.193	11.80	2.244	11.81	2.295	11.82	2.346	11.83	2.397
149	11.84	2.448	11.85	2.499	11.86	2.550	11.87	2.601	11.88	2.652	11.89	2.703	11.90	2.754	11.91	2.805

Digitized Accelerogram of Earthquake Record with Index Number E-51-(12-1-X)

CARD	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y	TIME	DIGIT-Y
1	0.0	-0.593	0.01	0.122	0.02	1.039	0.03	2.097	0.04	1.594	0.05	1.516	0.06	1.437	0.07	1.275		
2	0.08	0.935	0.09	1.207	0.10	1.171	0.11	-0.478	0.12	-0.359	0.13	-0.359	0.14	-0.253	0.15	2.326		
3	0.16	2.029	0.17	1.050	0.18	1.767	0.19	0.640	0.20	0.342	0.21	0.437	0.22	1.430	0.23	2.661		
4	0.24	3.029	0.25	3.690	0.26	4.322	0.27	3.636	0.28	3.158	0.29	2.416	0.30	2.361	0.31	3.661		
5	0.32	2.594	0.33	1.200	0.34	1.941	0.35	4.020	0.36	4.125	0.37	4.411	0.38	3.909	0.39	4.954		
6	0.40	5.432	0.41	4.695	0.42	3.769	0.43	2.346	0.44	3.375	0.45	3.404	0.46	3.937	0.47	2.377		
7	0.48	1.977	0.49	3.015	0.50	2.070	0.51	1.718	0.52	2.939	0.53	4.017	0.54	3.940	0.55	5.202		
8	0.56	1.910	0.57	0.046	0.58	-0.617	0.59	-0.263	0.60	0.189	0.61	1.638	0.62	2.996	0.63	4.485		
9	0.64	5.476	0.65	4.385	0.66	4.647	0.67	4.431	0.68	4.339	0.69	4.554	0.70	4.507	0.71	5.202		
10	0.72	6.416	0.73	5.591	0.74	6.019	0.75	6.594	0.76	6.107	0.77	6.412	0.78	7.924	0.79	5.652		
11	0.80	5.294	0.81	5.601	0.82	6.177	0.83	6.109	0.84	5.837	0.85	5.488	0.86	6.165	0.87	7.492		
12	0.88	6.253	0.89	7.494	0.90	9.622	0.91	8.220	0.92	7.771	0.93	5.616	0.94	5.989	0.95	7.101		
13	0.96	3.827	0.97	4.836	0.98	5.304	0.99	5.293	1.00	5.020	1.01	5.488	1.02	6.165	1.03	6.938		
14	1.04	9.058	1.05	10.783	1.06	10.069	1.07	10.520	1.08	10.126	1.09	10.977	1.10	10.499	1.11	9.035		
15	1.12	7.921	1.13	10.346	1.14	9.939	1.15	7.900	1.16	6.162	1.17	6.854	1.18	7.302	1.19	6.938		
16	1.20	7.213	1.21	8.146	1.22	9.133	1.23	10.520	1.24	10.126	1.25	10.977	1.26	10.499	1.27	9.035		
17	1.28	6.043	1.29	7.017	1.30	8.756	1.31	7.958	1.32	5.964	1.33	4.259	1.34	3.045	1.35	3.807		
18	1.36	4.680	1.37	5.522	1.38	6.055	1.39	5.379	1.40	8.151	1.41	8.245	1.42	8.241	1.43	9.812		
19	1.44	8.533	1.45	11.223	1.46	11.223	1.47	10.379	1.48	6.962	1.49	9.693	1.50	10.612	1.51	12.135		
20	1.52	13.830	1.53	13.170	1.54	11.223	1.55	5.890	1.56	5.913	1.57	9.085	1.58	10.107	1.59	11.024		
21	1.60	11.603	1.61	7.236	1.62	7.236	1.63	6.987	1.64	6.220	1.65	7.744	1.66	6.252	1.67	6.099		
22	1.68	5.483	1.69	6.394	1.70	7.065	1.71	9.282	1.72	7.694	1.73	6.320	1.74	6.054	1.75	3.323		
23	1.76	8.188	1.77	9.904	1.78	7.551	1.79	9.474	1.80	10.713	1.81	9.782	1.82	8.655	1.83	9.977		
24	1.84	4.348	1.85	10.654	1.86	9.083	1.87	8.485	1.88	8.277	1.89	8.643	1.90	10.051	1.91	10.051		
25	1.92	11.105	1.93	7.204	1.94	6.550	1.95	6.400	1.96	6.402	1.97	7.289	1.98	7.997	1.99	7.783		
26	2.00	9.425	2.01	6.737	2.02	7.744	2.03	9.151	2.04	10.097	2.05	10.969	2.06	10.469	2.07	10.076		
27	2.08	7.315	2.09	7.893	2.10	6.404	2.11	6.493	2.12	7.779	2.13	8.640	2.14	7.675	2.15	6.923		
28	2.16	9.325	2.17	8.270	2.18	8.940	2.19	7.897	2.20	7.722	2.21	7.195	2.22	6.728	2.23	6.150		
29	2.24	7.414	2.25	6.653	2.26	7.208	2.27	7.897	2.28	7.820	2.29	7.084	2.30	6.252	2.31	5.678		
30	2.32	5.742	2.33	6.653	2.34	7.208	2.35	7.897	2.36	7.820	2.37	7.084	2.38	6.252	2.39	5.678		
31	2.40	6.081	2.41	7.128	2.42	8.538	2.43	7.303	2.44	5.921	2.45	4.931	2.46	4.094	2.47	4.107		
32	2.48	4.365	2.49	4.535	2.50	6.497	2.51	6.716	2.52	5.985	2.53	5.089	2.54	5.607	2.55	6.841		
33	2.56	7.020	2.57	7.199	2.58	6.795	2.59	6.425	2.60	7.860	2.61	9.783	2.62	11.614	2.63	13.228		
34	2.64	12.676	2.65	12.078	2.66	9.829	2.67	7.970	2.68	7.424	2.69	7.437	2.70	6.108	2.71	9.430		
35	2.72	9.364	2.73	10.272	2.74	10.208	2.75	9.506	2.76	8.543	2.77	5.765	2.78	3.611	2.79	4.483		
36	2.80	4.812	2.81	4.915	2.82	4.728	2.83	4.009	2.84	4.202	2.85	4.826	2.86	4.677	2.87	1.953		
37	2.88	2.689	2.89	2.793	2.90	2.607	2.91	1.811	2.92	2.753	2.93	3.238	2.94	1.405	2.95	1.328		
38	2.96	1.071	2.97	1.717	2.98	2.548	2.99	3.017	3.00	3.798	3.01	5.146	3.02	5.486	3.03	7.896		
39	3.04	6.094	3.05	5.358	3.06	4.615	3.07	5.245	3.08	5.624	3.09	4.602	3.10	4.421	3.11	2.774		
40	3.12	0.517	3.13	0.622	3.14	1.716	3.15	2.459	3.16	3.190	3.17	2.734	3.18	3.951	3.19	5.733		
41	3.20	6.552	3.21	4.768	3.22	2.521	3.23	0.978	3.24	-0.251	3.25	0.095	3.26	0.909	3.27	3.340		
42	3.28	5.608	3.29	7.666	3.30	6.870	3.31	6.262	3.32	6.020	3.33	4.743	3.34	3.753	3.35	2.171		
43	3.36	1.796	3.37	2.450	3.38	3.706	3.39	4.191	3.40	4.153	3.41	4.917	3.42	5.210	3.43	3.595		
44	3.44	1.556	3.45	0.977	3.46	-0.229	3.47	-1.140	3.48	-0.669	3.49	0.637	3.50	3.160	3.51	5.932		
45	3.52	6.203	3.53	8.790	3.54	4.491	3.55	2.598	3.56	1.550	3.57	-0.959	3.58	-0.009	3.59	1.409		
46	3.60	3.706	3.61	4.255	3.62	5.158	3.63	5.803	3.64	6.021	3.65	5.821	3.66	4.950	3.67	5.010		
47	3.68	5.214	3.69	5.964	3.70	6.026	3.71	4.184	3.72	3.371	3.73	2.947	3.74	1.003	3.75	9.962		
48	3.76	1.350	3.77	1.690	3.78	3.593	3.79	2.504	3.80	3.209	3.81	1.349	3.82	1.450	3.83	0.469		
49	3.84	0.409	3.85	1.952	3.86	2.583	3.87	2.504	3.88	3.209	3.89	1.349	3.90	1.450	3.91	0.469		
50	3.92	3.424	3.93	1.494	3.94	1.232	3.95	0.161	3.96	0.739	3.97	1.578	3.98	2.675	3.99	4.179		
51	4.00	2.521	4.01	2.430	4.02	3.853	4.03	3.624	4.04	2.959	4.05	3.908	4.06	3.696	4.07	4.179		
52	4.08	4.989	4.09	4.713	4.10	3.283	4.11	5.069	4.12	5.226	4.13	5.002	4.14	3.500	4.15	2.847		
53	4.16	2.758	4.17	2.386	4.18	3.083	4.19	4.173	4.20	5.280	4.21	4.661	4.22	2.807	4.23	2.229		
54	4.24	2.510	4.25	4.229	4.26	5.747	4.27	5.669	4.28	4.008	4.29	3.196	4.30	2.937	4.31	2.360		
55	4.32	4.432	4.33	2.033	4.34	1.890	4.35	0.981	4.36	0.753	4.37	1.264	4.38	2.461	4.39	3.342		
56	4.40	4.062	4.41	2.332	4.42	1.086	4.43	2.524	4.44	3.300	4.45	4.504	4.46	5.277	4.47	5.033		
57	4.48	5.455	4.49	5.790	4.50	5.113	4.51	4.453	4.52	3.779	4.53	3.770	4.54	2.960	4.55	3.181		
58	4.56	3.688	4.57	3.652	4.58	3.456	4.59	3.782	4.60	2.618	4.61	1.839	4.62	2.435	4.63	3.239		
59	4.64	4.044	4.65	3.966	4.66	5.138	4.67	5.220	4.68	5.530	4.69	4.144	4.70	3.666	4.71	4.713		
60	4.72	4.624	4.73	3.699	4.74	3.587	4.75	4.690	4.76	5.437	4.77	6.224	4.78	4.961	4.79	2.071		
61	4.80	2.792	4.81	1.619	4.82	0.704	4.83	1.503	4.84	2.447	4.85	3.271	4.86	3.226	4.87	2.246		
62	4.88	2.209	4.89	2.114	4.90	3.435	4.91	4.191	4.92	4.354	4.93	4.276	4.94	4.598	4.95	4.910		
63	4.96	5.179	4.97	5.213	4.98	4.146	4.99	4.844	5.00	4.486	5.01	3.220	5.02	2.896	5.03	3.681		
64	5.04	4.038	5.05	4.525	5.06	4.100	5.07	3.516	5.08	2.497	5.09	1.307	5.10	1.308	5.11	1.873		
65	5.12	3.433	5.13	5.933	5.14	4.240	5.15	4.244	5.16	4.747	5.17	5.434	5.18	6.213	5.19	6.640		
66	5.20	5.941	5.21	5.385	5.22	5.081	5.23	5.008	5.24	5.176	5.25	5.394	5.26	5.431	5.27	4.994		
67	5.28	4.881	5.29	4.606	5.30	4.536	5.31	4.132	5.32	4.016	5.33	4.093	5.34	4.334	5.35	7.171		
68	5.36	8.031	5.37	7.996	5.38	6.532	5.39	8.556	5.40	8.268	5.41	8.946	5.42	9.428	5.43	9.480		
69	5.44	6.985	5.45	6.448	5.46	6.013	5.47	5.593	5.48	4.178	5.49	3.010	5.50	3.478	5.51	3.382		
70	5.52	4.350	5.53	5.514	5.54	5.847	5.55	6.095	5.56	6.018	5.57	6.816	5.58	6.818	5.59	6.538		
71	5.60	6.335	5.61	5.693	5.62	3.815	5.63	5.980										

127	10.08	-13.746	10.09	-12.977	10.10	-10.416	10.11	-10.082	10.12	-10.997	10.13	-11.201	10.14	-11.517	10.15	-11.356
128	10.16	-10.113	10.17	-9.889	10.18	-9.889	10.19	-10.081	10.20	-10.313	10.21	-10.138	10.22	-9.782	10.23	-9.976
129	10.24	-10.557	10.25	-10.831	10.26	-10.831	10.27	-10.534	10.28	-10.334	10.29	-10.138	10.30	-9.782	10.31	-9.976
130	10.32	-9.557	10.33	-11.119	10.34	-12.947	10.35	-14.003	10.36	-14.003	10.37	-13.036	10.38	-9.835	10.39	-7.340
131	10.40	-6.765	10.41	-4.141	10.42	-2.396	10.43	-1.640	10.44	-2.799	10.45	-4.017	10.46	-3.866	10.47	-3.570
132	10.48	-5.893	10.49	-5.618	10.50	-5.008	10.51	-4.240	10.52	-3.634	10.53	-4.280	10.54	-2.652	10.55	-2.729
133	10.56	-2.806	10.57	-2.434	10.58	-3.909	10.59	-6.779	10.60	-6.371	10.61	-9.919	10.62	-9.909	10.63	-9.509
134	10.64	-9.627	10.65	-5.339	10.66	-0.075	10.67	-4.496	10.68	-5.319	10.69	-6.653	10.70	-6.641	10.71	-6.252
135	10.72	-5.793	10.73	-3.880	10.74	-3.900	10.75	-2.943	10.76	-0.457	10.77	-0.633	10.78	-0.208	10.79	-1.884
136	10.80	-3.807	10.81	-6.083	10.82	-7.997	10.83	-12.089	10.84	-17.695	10.85	-18.594	10.86	-17.903	10.87	-13.768
137	10.88	-11.007	10.89	-9.258	10.90	-6.744	10.91	-7.506	10.92	-6.090	10.93	-8.392	10.94	-9.045	10.95	-10.071
138	10.96	-10.149	10.97	-9.220	10.98	-6.737	10.99	-5.376	11.00	-0.072	11.01	-1.663	11.02	-1.467	11.03	-2.456
139	11.04	-0.729	11.05	-2.564	11.06	-4.395	11.07	-6.253	11.08	-8.086	11.09	-7.955	11.10	-9.325	11.11	-9.838
140	11.12	-10.696	11.13	-9.475	11.14	-6.331	11.15	-12.110	11.16	-13.116	11.17	-11.319	11.18	-7.710	11.19	-8.619
141	11.20	-9.675	11.21	-10.057	11.22	-12.110	11.23	-10.057	11.24	-12.110	11.25	-11.319	11.26	-7.710	11.27	-8.619
142	11.28	-9.083	11.29	-0.157	11.30	1.734	11.31	1.064	11.32	-1.276	11.33	-4.044	11.34	-5.695	11.35	-7.063
143	11.36	-9.100	11.37	-11.199	11.38	-8.909	11.39	-6.060	11.40	-6.060	11.41	-5.813	11.42	-5.855	11.43	-6.504
144	11.44	-7.788	11.45	-8.469	11.46	-7.991	11.47	-7.252	11.48	-0.184	11.49	-9.775	11.50	-10.659	11.51	-10.533
145	11.52	-6.911	11.53	-6.649	11.54	-3.933	11.55	-2.049	11.56	-4.460	11.57	-4.174	11.58	-5.938	11.59	-7.131
146	11.60	-6.546	11.61	-5.792	11.62	-5.363	11.63	-8.263	11.64	-10.311	11.65	-12.798	11.66	-14.820	11.67	-16.084
147	11.68	-17.512	11.69	-17.918	11.70	-17.574	11.71	-15.435	11.72	-15.435	11.73	-15.435	11.74	-15.435	11.75	-15.435
148	11.76	-1.405	11.77	-2.982	11.78	-4.915	11.79	-5.620	11.80	-6.227	11.81	-5.555	11.82	-15.200	11.83	-15.200
149	11.84	-1.046	11.85	1.205	11.86	3.993	11.87	2.706	11.88	-15.687	11.89	-15.130	11.90	-15.200	11.91	-15.200
150	11.92	-8.707	11.93	-8.946	11.94	-9.750	11.95	-13.474	11.96	-15.687	11.97	-15.130	11.98	-15.200	11.99	-15.200
151	12.00	-11.561	12.01	-12.908	12.02	-12.315	12.03	-11.231	12.04	-8.343	12.05	-6.015	12.06	-4.818	12.07	-4.909
152	12.08	-5.126	12.09	-5.945	12.10	-4.292	12.11	-3.983	12.12	-3.082	12.13	-4.065	12.14	-4.695	12.15	-4.396
153	12.16	-2.982	12.17	-1.364	12.18	-1.587	12.19	-3.864	12.20	-5.967	12.21	-9.352	12.22	-10.985	12.23	-13.400
154	12.24	-13.698	12.25	-13.769	12.26	-13.884	12.27	-13.240	12.28	-11.107	12.29	-9.043	12.30	-8.291	12.31	-7.942
155	12.32	-7.618	12.33	-8.226	12.34	-7.809	12.35	-7.093	12.36	-7.487	12.37	-6.541	12.38	-5.339	12.39	-2.303
156	12.40	0.253	12.41	1.723	12.42	2.175	12.43	-3.882	12.44	-2.032	12.45	-2.032	12.46	-2.953	12.47	-0.472
157	12.48	2.856	12.49	3.383	12.50	-0.933	12.51	-3.208	12.52	-6.491	12.53	-8.507	12.54	-7.701	12.55	-6.741
158	12.56	-2.406	12.57	-0.585	12.58	-0.319	12.59	-0.804	12.60	-2.621	12.61	-4.718	12.62	-4.579	12.63	-5.508
159	12.64	-10.297	12.65	-12.098	12.66	-12.149	12.67	-10.083	12.68	-6.976	12.69	-2.731	12.70	0.069	12.71	2.689
160	12.72	2.043	12.73	2.363	12.74	1.922	12.75	-0.571	12.76	-2.607	12.77	-4.641	12.78	-6.162	12.79	-7.091
161	12.80	-3.660	12.81	-3.393	12.82	-2.215	12.83	-1.080	12.84	-0.561	12.85	-0.440	12.86	-0.055	12.87	-0.033
162	12.88	-0.063	12.89	-1.955	12.90	-6.600	12.91	-7.710	12.92	-7.353	12.93	-6.996	12.94	-6.337	12.95	-5.266
163	12.96	0.569	12.97	2.068	12.98	2.126	12.99	2.279	13.00	-5.062	13.01	-7.362	13.02	-5.026	13.03	-0.716
164	13.04	0.283	13.05	1.756	13.06	2.979	13.07	4.571	13.08	3.859	13.09	3.279	13.10	3.145	13.11	2.756
165	13.12	-0.393	13.13	-2.162	13.14	-5.970	13.15	-6.308	13.16	-4.477	13.17	-2.554	13.18	-1.315	13.19	1.135
166	13.20	2.592	13.21	-0.556	13.22	-0.102	13.23	-3.402	13.24	-5.293	13.25	-5.293	13.26	-7.921	13.27	-6.484
167	13.28	-3.756	13.29	-2.404	13.30	-1.315	13.31	-0.971	13.32	-3.469	13.33	-1.591	13.34	-1.591	13.35	-1.199
168	13.36	-1.595	13.37	-2.773	13.38	-2.920	13.39	-2.643	13.40	-2.395	13.41	-3.177	13.42	-3.955	13.43	-3.299
169	13.44	-2.633	13.45	-2.683	13.46	-2.557	13.47	-4.283	13.48	-5.597	13.49	-5.376	13.50	-2.865	13.51	-0.420
170	13.52	-0.498	13.53	-0.576	13.54	-0.654	13.55	-0.864	13.56	-1.774	13.57	-2.573	13.58	-2.764	13.59	-2.341
171	13.60	-2.148	13.61	-4.283	13.62	-6.183	13.63	-4.869	13.64	-3.996	13.65	-3.228	13.66	-0.996	13.67	0.186
172	13.68	-1.796	13.69	-0.791	13.70	-0.518	13.71	-0.598	13.72	-2.940	13.73	-1.528	13.74	-0.775	13.75	0.179
173	13.76	-0.023	13.77	-0.701	13.78	-1.950	13.79	-3.555	13.80	-4.550	13.81	-4.833	13.82	-5.170	13.83	-4.617
174	13.84	-3.993	13.85	-3.261	13.86	-2.307	13.87	-3.555	13.88	-3.681	13.89	-4.132	13.90	-4.610	13.91	-5.141
175	13.92	-6.654	13.93	-5.992	13.94	-4.850	13.95	-3.208	13.96	-0.681	13.97	-0.358	13.98	1.394	13.99	1.537
176	14.00	0.493	14.01	-0.769	14.02	-2.681	14.03	-4.048	14.04	-2.627	14.05	-1.267	14.06	-0.531	14.07	-0.531
177	14.08	2.082	14.09	-0.471	14.10	-3.346	14.11	-5.776	14.12	-6.411	14.13	-6.467	14.14	-1.023	14.15	-0.662
178	14.16	-1.289	14.17	-2.376	14.18	-1.311	14.19	0.289	14.20	1.682	14.21	2.690	14.22	0.967	14.23	0.323
179	14.24	0.135	14.25	1.273	14.26	0.911	14.27	1.870	14.28	2.829	14.29	2.131	14.30	2.556	14.31	1.588
180	14.32	0.941	14.33	-1.145	14.34	-1.961	14.35	-3.707	14.36	-3.600	14.37	-4.476	14.38	-4.437	14.39	-4.037
181	14.40	-3.939	14.41	-3.593	14.42	-3.549	14.43	-0.776	14.44	2.130	14.45	4.057	14.46	5.354	14.47	4.790
182	14.48	2.745	14.49	0.400	14.50	0.930	14.51	1.459	14.52	3.503	14.53	3.933	14.54	3.839	14.55	2.940
183	14.56	1.866	14.57	1.169	14.58	1.933	14.59	1.534	14.60	-1.085	14.61	-3.450	14.62	-5.538	14.63	-5.992
184	14.64	-5.471	14.65	-2.110	14.66	-3.348	14.67	-0.031	14.68	-1.398	14.69	-2.935	14.70	-2.551	14.71	0.368
185	14.72	-3.066	14.73	-2.802	14.74	-3.527	14.75	-0.567	14.76	-0.685	14.77	-0.685	14.78	-0.685	14.79	2.614
186	14.80	-4.397	14.81	-5.155	14.82	-3.577	14.83	1.933	14.84	0.693	14.85	1.009	14.86	-1.619	14.87	-0.814
187	14.88	-7.116	14.89	-4.445	14.90	-2.571	14.91	-1.644	14.92	-0.908	14.93	-0.243	14.94	0.589	14.95	1.832
188	14.96	3.469	14.97	4.050	14.98	2.268	14.99	-1.426	15.00	-1.312	15.01	-1.388	15.02	-0.752	15.03	0.764
189	15.04	2.123	15.05	-0.178	15.06	-0.933	15.07	-0.326	15.08	1.112	15.09	2.339	15.10	2.260	15.11	1.601
190	15.12	-1.381	15.13	-2.667	15.14	-1.950	15.15	-1.344	15.16	-2.072	15.17	-2.236	15.18	-1.074	15.19	-0.036
191	15.20	1.687	15.21	3.423	15.22	3.764	15.23	4.003	15.24	4.378	15.25	4.340	15.26	3.876	15.27	3.263
192	15.28	2.933	15.29	2.552	15.30	1.050	15.31	-1.571	15.32	-1.651	15.33	0.045	15.34	2.076	15.35	1.955
193	15.36	0.810	15.37	0.810	15.38	0.531	15.39	0.717	15.40	0.908	15.41	1.105	15.42	1.338	15.43	1.571
194	15.44	0.680	15.45	-0.711	15.46	-1.521	15.47	-0.612	15.48	0.612	15.49	1.135	15.50	1.402	15.51	0.918
195	15.52	0.538	15.53	1.190	15.54	1.841	15.55	2.479	15.56	1.915	15.57	0.557	15.58	1.939	15.59	1.939
196	15.60	1.034	15.61	1.009	15.62	0.930	15.63	0.834	15.64	-0.864	15.65	0.426	15.66	2.941	15.67	6.684
197	15.68	8.330	15.69	7.492	15.70	7.507	15.71	7.676	15.72	8.041	15.73	8.022	15.74	6.927	15.75	5.

Digitized Accelerogram of Earthquake Record with Index Number E-52 (12-1-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	5.234	0.01	5.285	0.02	5.335	0.03	5.386	0.04	5.472	0.05	5.766	0.06	5.940	0.07	5.667
2	0.08	5.277	0.09	4.903	0.10	4.554	0.11	3.588	0.12	2.909	0.13	7.235	0.14	5.908	0.15	4.385
3	0.16	3.534	0.17	3.582	0.18	3.756	0.19	5.399	0.20	6.617	0.21	6.536	0.22	6.133	0.23	4.931
4	0.24	3.382	0.25	4.279	0.26	5.800	0.27	3.800	0.28	4.132	0.29	9.283	0.30	6.428	0.31	7.624
5	0.32	7.330	0.33	5.305	0.34	2.498	0.35	1.682	0.36	2.968	0.37	4.483	0.38	5.831	0.39	6.092
6	0.48	5.749	0.41	5.679	0.42	5.921	0.43	5.800	0.44	5.187	0.45	5.623	0.46	5.613	0.47	5.131
7	0.48	4.707	0.49	4.400	0.50	5.286	0.51	8.790	0.52	9.102	0.53	7.964	0.54	6.335	0.55	4.050
8	0.56	3.970	0.57	4.119	0.58	4.546	0.59	4.948	0.60	5.323	0.61	5.362	0.62	5.715	0.63	5.339
9	0.64	4.964	0.65	4.388	0.66	4.340	0.67	4.140	0.68	5.809	0.69	7.688	0.70	6.531	0.71	3.072
10	0.72	0.711	0.73	1.835	0.74	3.299	0.75	4.616	0.76	5.912	0.77	7.615	0.78	6.940	0.79	4.769
11	0.80	4.150	0.81	3.892	0.82	4.462	0.83	4.538	0.84	3.537	0.85	3.572	0.86	5.069	0.87	6.511
12	0.88	7.900	0.89	6.105	0.90	3.836	0.91	4.501	0.92	5.165	0.93	5.284	0.94	5.204	0.95	5.125
13	0.96	5.045	0.97	4.345	0.98	3.417	0.99	3.061	1.00	2.983	1.01	3.028	1.02	3.220	1.03	3.359
14	1.04	3.465	1.05	3.571	1.06	3.288	1.07	2.951	1.08	3.449	1.09	3.996	1.10	4.302	1.11	3.012
15	1.12	2.682	1.13	2.693	1.14	4.721	1.15	10.344	1.16	10.867	1.17	9.658	1.18	8.027	1.19	7.181
16	1.20	5.686	1.21	3.755	1.22	4.361	1.23	4.692	1.24	7.625	1.25	6.577	1.26	5.467	1.27	6.156
17	1.28	5.166	1.29	3.780	1.30	4.236	1.31	4.692	1.32	5.125	1.33	5.111	1.34	3.891	1.35	6.071
18	1.36	6.546	1.37	6.611	1.38	6.192	1.39	5.687	1.40	5.140	1.41	5.111	1.42	4.736	1.43	3.056
19	1.44	5.260	1.45	3.150	1.46	2.284	1.47	3.132	1.48	3.999	1.49	4.883	1.50	4.158	1.51	6.304
20	1.52	5.786	1.53	9.012	1.54	9.334	1.55	8.274	1.56	7.066	1.57	5.612	1.58	6.685	1.59	6.827
21	1.60	5.122	1.61	7.187	1.62	5.486	1.63	3.988	1.64	4.455	1.65	5.666	1.66	6.085	1.67	6.876
22	1.68	8.862	1.69	8.635	1.70	7.740	1.71	6.845	1.72	6.475	1.73	6.848	1.74	7.088	1.75	5.418
23	1.76	6.567	1.77	7.311	1.78	5.201	1.79	9.970	1.80	9.689	1.81	8.524	1.82	7.021	1.83	6.876
24	1.84	5.624	1.85	5.619	1.86	5.201	1.87	4.847	1.88	4.998	1.89	5.149	1.90	5.300	1.91	6.876
25	1.92	7.996	1.93	7.265	1.94	6.531	1.95	5.575	1.96	7.200	1.97	7.626	1.98	6.146	1.99	6.200
26	2.00	10.771	2.01	10.992	2.02	11.212	2.03	10.458	2.04	8.780	2.05	5.087	2.06	6.033	2.07	7.986
27	2.08	6.296	2.09	5.473	2.10	3.689	2.11	3.574	2.12	4.290	2.13	9.055	2.14	7.016	2.15	4.290
28	2.16	8.185	2.17	9.316	2.18	9.981	2.19	10.211	2.20	10.295	2.21	9.055	2.22	4.581	2.23	11.381
29	2.24	9.504	2.25	11.818	2.26	14.591	2.27	13.281	2.28	10.279	2.29	7.277	2.30	11.462	2.31	6.502
30	2.32	3.998	2.33	3.267	2.34	2.386	2.35	5.142	2.36	8.433	2.37	10.362	2.38	7.500	2.39	8.367
31	2.40	11.952	2.41	12.982	2.42	9.428	2.43	4.847	2.44	5.713	2.45	6.579	2.46	9.049	2.47	10.763
32	2.48	2.505	2.49	10.051	2.50	10.405	2.51	11.024	2.52	10.492	2.53	9.770	2.54	10.864	2.55	6.299
33	2.56	9.084	2.57	9.802	2.58	10.452	2.59	10.075	2.60	10.944	2.61	8.180	2.62	7.232	2.63	6.827
34	2.64	10.623	2.65	10.542	2.66	10.462	2.67	10.075	2.68	9.127	2.69	8.180	2.70	5.226	2.71	6.276
35	2.72	5.126	2.73	4.604	2.74	5.038	2.75	5.269	2.76	5.255	2.77	5.241	2.78	7.445	2.79	6.276
36	2.80	7.249	2.81	8.470	2.82	9.178	2.83	9.097	2.84	9.017	2.85	8.552	2.86	9.871	2.87	11.426
37	2.88	6.196	2.89	7.305	2.90	9.023	2.91	10.797	2.92	9.053	2.93	8.552	2.94	7.644	2.95	7.618
38	2.96	9.216	2.97	8.553	2.98	7.896	2.99	8.035	3.00	8.173	3.01	9.994	3.02	7.528	3.03	8.369
39	3.04	10.033	3.05	7.049	3.06	5.646	3.07	4.879	3.08	5.349	3.09	6.431	3.10	6.772	3.11	7.291
40	3.12	3.873	3.13	2.248	3.14	3.491	3.15	3.978	3.16	5.604	3.17	6.741	3.18	6.772	3.19	6.937
41	3.20	6.524	3.21	8.246	3.22	7.885	3.23	6.716	3.24	5.547	3.25	5.559	3.26	7.434	3.27	6.937
42	3.28	7.041	3.29	6.790	3.30	6.708	3.31	6.932	3.32	7.156	3.33	7.379	3.34	5.498	3.35	6.937
43	3.36	6.440	3.37	5.979	3.38	5.634	3.39	6.579	3.40	4.686	3.41	3.378	3.42	5.095	3.43	5.206
44	3.44	9.053	3.45	9.165	3.46	9.276	3.47	9.579	3.48	3.008	3.49	3.208	3.50	13.927	3.51	13.912
45	3.52	-0.317	3.53	-0.523	3.54	1.008	3.55	2.538	3.56	8.080	3.57	11.004	3.58	4.461	3.59	6.258
46	3.60	6.832	3.61	7.809	3.62	6.463	3.63	7.206	3.64	5.307	3.65	4.801	3.66	4.722	3.67	4.643
47	3.68	12.883	3.69	10.687	3.70	6.250	3.71	3.845	3.72	6.746	3.73	6.657	3.74	1.922	3.75	6.384
48	3.76	7.448	3.77	7.369	3.78	7.289	3.79	6.323	3.80	1.378	3.81	1.650	3.82	1.922	3.83	2.195
49	3.84	5.606	3.85	8.815	3.86	12.024	3.87	7.993	3.88	4.061	3.89	4.547	3.90	2.485	3.91	5.512
50	3.92	5.525	3.93	3.927	3.94	3.090	3.95	3.576	3.96	4.081	3.97	2.085	3.98	2.485	3.99	2.740
51	4.00	2.427	4.01	2.739	4.02	3.090	4.03	5.080	4.04	1.686	4.05	2.085	4.06	4.918	4.07	3.119
52	4.08	5.992	4.09	6.471	4.10	6.950	4.11	6.461	4.12	6.886	4.13	6.886	4.14	6.323	4.15	0.923
53	4.16	2.903	4.17	3.172	4.18	3.530	4.19	4.061	4.20	5.554	4.21	6.711	4.22	3.417	4.23	3.323
54	4.24	1.087	4.25	-0.944	4.26	-0.652	4.27	0.400	4.28	4.815	4.29	4.142	4.30	3.160	4.31	2.709
55	4.32	2.661	4.33	4.635	4.34	6.949	4.35	7.618	4.36	4.942	4.37	4.142	4.38	1.130	4.39	4.120
56	4.40	5.326	4.41	5.792	4.42	6.027	4.43	5.742	4.44	-1.148	4.45	-1.419	4.46	2.881	4.47	6.592
57	4.48	2.641	4.49	1.898	4.50	0.508	4.51	-0.537	4.52	1.770	4.53	2.326	4.54	8.211	4.55	7.931
58	4.56	4.096	4.57	4.591	4.58	2.680	4.59	1.928	4.60	6.895	4.61	8.656	4.62	8.272	4.63	7.154
59	4.64	5.225	4.65	7.179	4.66	8.071	4.67	10.147	4.68	7.041	4.69	7.582	4.70	6.772	4.71	9.271
60	4.72	7.364	4.73	7.203	4.74	6.871	4.75	7.122	4.76	6.816	4.77	5.810	4.78	6.758	4.79	6.504
61	4.80	7.364	4.81	9.055	4.82	9.055	4.83	6.424	4.84	7.623	4.85	7.346	4.86	5.090	4.87	3.385
62	4.88	9.217	4.89	9.136	4.90	9.055	4.91	7.892	4.92	8.679	4.93	6.178	4.94	3.778	4.95	8.076
63	4.96	6.791	4.97	5.573	4.98	5.056	4.99	3.687	5.00	8.185	5.01	7.656	5.02	7.364	5.03	8.018
64	5.04	8.926	5.05	6.581	5.06	6.237	5.07	7.892	5.08	7.165	5.09	7.285	5.10	5.907	5.11	5.772
65	5.12	4.592	5.13	2.680	5.14	2.863	5.15	3.687	5.16	8.127	5.17	6.435	5.18	6.356	5.19	8.277
66	5.20	5.252	5.21	5.333	5.22	6.311	5.23	7.669	5.24	6.224	5.25	6.042	5.26	5.907	5.27	5.772
67	5.28	5.208	5.29	6.240	5.30	6.591	5.31	6.941	5.32	6.127	5.33	6.435	5.34	6.356	5.35	8.277
68	5.36	8.369	5.37	8.661	5.38	8.954	5.39	8.685	5.40	8.127	5.41	6.711	5.42	2.297	5.43	7.283
69	5.44	8.643	5.45	9.328	5.46	9.876	5.47	8.516	5.48	6.711	5.49	6.711	5.50	4.709	5.51	4.932
70	5.52	7.472	5.53	8.626	5.54	8.626	5.55	7.250	5.56	6.479	5.57	6.148	5.58	3.911	5.59	1.655
71	5.60	5.636	5.61	6.235	5.62	6.393	5.63	6.825	5.64	1.713	5.65	3.013	5.66	2.696	5.67	3.393
72	5.68	8.198	5.69	8.027	5.70	8.027	5.71	8.027	5.72	4.463	5.73	5.168	5.74	5.785	5.75	6.200
73	5.76	2.488	5.77	4.352	5.78	4.567	5.79	4.887	5.80	2.798	5.81	2.798	5.82	2.386	5.83	2.064
74	5.84	7.586	5.85	7.986	5.86	1.466	5.87	1.374	5.88	-2.647	5.89	-1.727	5.90	-1.151	5.91	-0.593

127	10.08	-4.118	10.09	-3.070	10.10	-3.623	10.11	-4.207	10.12	-4.798	10.13	-3.424	10.14	-3.541	10.15	-5.799
128	10.16	-8.057	10.17	-8.693	10.18	-8.931	10.19	-9.259	10.20	-10.144	10.21	-11.106	10.22	-12.173	10.23	-13.259
129	10.24	-17.029	10.25	-19.833	10.26	-20.685	10.27	-20.918	10.28	-20.569	10.29	-18.099	10.30	-16.329	10.31	-15.597
130	10.32	-19.575	10.33	-19.219	10.34	-22.112	10.35	-25.028	10.36	-26.028	10.37	-26.028	10.38	-26.028	10.39	-26.028
131	10.40	-4.327	10.41	-4.379	10.42	-2.212	10.43	-0.910	10.44	-0.012	10.45	-3.061	10.46	-4.141	10.47	-5.121
132	10.48	-0.943	10.49	-0.113	10.50	0.050	10.51	-0.012	10.52	-0.012	10.53	-3.061	10.54	-4.141	10.55	-5.121
133	10.56	-0.300	10.57	-5.271	10.58	-4.610	10.59	-4.698	10.60	-4.057	10.61	-5.797	10.62	-6.637	10.63	-7.068
134	10.64	-5.513	10.65	-3.614	10.66	-2.913	10.67	-3.289	10.68	-2.908	10.69	-2.337	10.70	-1.612	10.71	-0.687
135	10.72	-11.343	10.73	-2.272	10.74	-3.507	10.75	-5.106	10.76	-6.956	10.77	-6.136	10.78	-7.145	10.79	-8.453
136	10.80	-7.778	10.81	-6.334	10.82	-5.690	10.83	-7.328	10.84	-8.966	10.85	-10.692	10.86	-12.430	10.87	-11.956
137	10.88	-9.971	10.89	-9.876	10.90	-9.329	10.91	-7.202	10.92	-4.100	10.93	0.016	10.94	2.009	10.95	2.367
138	10.96	-6.266	10.97	-1.580	10.98	-2.013	10.99	-3.588	11.00	-4.504	11.01	1.589	11.02	-2.532	11.03	-5.249
139	11.04	-6.614	11.05	-10.086	11.06	-11.443	11.07	-11.522	11.08	-11.384	11.09	-8.968	11.10	-7.706	11.11	-9.961
140	11.12	-11.399	11.13	-10.249	11.14	-9.139	11.15	-9.379	11.16	-9.497	11.17	-9.515	11.18	-7.485	11.19	-7.137
141	11.20	-6.792	11.21	-5.370	11.22	-2.464	11.23	-0.118	11.24	-0.180	11.25	-1.206	11.26	-2.378	11.27	-3.976
142	11.28	-4.996	11.29	-3.761	11.30	-2.566	11.31	-3.137	11.32	-3.991	11.33	-3.893	11.34	-3.701	11.35	-1.781
143	11.36	0.096	11.37	1.834	11.38	3.544	11.39	5.253	11.40	5.363	11.41	4.678	11.42	3.495	11.43	2.898
144	11.44	2.496	11.45	1.861	11.46	0.921	11.47	-0.089	11.48	-1.177	11.49	-2.618	11.50	-5.174	11.51	-7.569
145	11.52	-11.446	11.53	-15.439	11.54	-19.491	11.55	-22.220	11.56	-22.047	11.57	-20.401	11.58	-18.891	11.59	-18.115
146	11.60	-17.648	11.61	-19.140	11.62	-20.116	11.63	-20.652	11.64	-19.711	11.65	-18.597	11.66	-16.841	11.67	-15.929
147	11.68	-5.813	11.69	-2.000	11.70	-2.130	11.71	-5.003	11.72	-2.024	11.73	-1.254	11.74	-1.174	11.75	-0.907
148	11.76	-3.391	11.77	-1.186	11.78	-10.815	11.79	-10.815	11.80	-9.964	11.81	-7.938	11.82	-7.021	11.83	-8.693
149	11.84	-10.754	11.85	-11.879	11.86	-12.975	11.87	-12.277	11.88	-12.277	11.89	-12.277	11.90	-12.277	11.91	-12.277
150	11.92	-11.670	11.93	-9.165	11.94	-9.165	11.95	-6.000	11.96	-5.194	11.97	-4.454	11.98	-2.239	11.99	0.023
151	12.00	0.352	12.01	0.069	12.02	0.746	12.03	1.082	12.04	1.326	12.05	2.430	12.06	2.680	12.07	2.709
152	12.08	0.957	12.09	0.699	12.10	2.325	12.11	2.979	12.12	2.300	12.13	1.621	12.14	-1.680	12.15	-3.971
153	12.16	-4.069	12.17	-6.362	12.18	-7.801	12.19	-8.872	12.20	-7.290	12.21	-5.707	12.22	-4.112	12.23	-1.529
154	12.24	0.110	12.25	-3.238	12.26	-6.586	12.27	-6.450	12.28	-4.902	12.29	-4.404	12.30	-5.240	12.31	-5.185
155	12.32	-4.592	12.33	-0.428	12.34	3.076	12.35	3.266	12.36	1.591	12.37	-0.094	12.38	-1.744	12.39	-3.341
156	12.40	-3.682	12.41	-3.165	12.42	-2.370	12.43	-1.575	12.44	-0.580	12.45	-0.044	12.46	-2.804	12.47	-3.603
157	12.48	-3.275	12.49	-6.699	12.50	-8.919	12.51	-5.550	12.52	-3.369	12.53	-1.223	12.54	-1.718	12.55	-3.723
158	12.56	-8.501	12.57	-7.565	12.58	-6.599	12.59	-5.444	12.60	-4.818	12.61	-4.097	12.62	-3.818	12.63	-3.315
159	12.64	0.017	12.65	2.213	12.66	3.592	12.67	4.422	12.68	3.709	12.69	-1.455	12.70	-1.858	12.71	-5.709
160	12.72	-6.477	12.73	-3.821	12.74	-1.970	12.75	-0.984	12.76	-1.504	12.77	-1.960	12.78	-1.924	12.79	0.679
161	12.80	1.845	12.81	0.810	12.82	-0.145	12.83	-0.224	12.84	3.968	12.85	6.391	12.86	5.859	12.87	2.677
162	12.88	-2.349	12.89	-0.892	12.90	-0.475	12.91	-1.595	12.92	0.993	12.93	2.587	12.94	3.955	12.95	5.432
163	12.96	6.991	12.97	4.870	12.98	1.284	12.99	-0.672	13.00	1.806	13.01	1.616	13.02	0.604	13.03	0.053
164	13.04	0.348	13.05	-1.146	13.06	-1.595	13.07	-1.278	13.08	-1.082	13.09	-3.372	13.10	-2.851	13.11	-3.298
165	13.12	-4.604	13.13	-6.635	13.14	-8.597	13.15	-9.526	13.16	-9.087	13.17	-8.660	13.18	-9.536	13.19	-10.412
166	13.20	-9.770	13.21	-8.568	13.22	-7.354	13.23	-6.546	13.24	-6.145	13.25	-6.106	13.26	-6.633	13.27	-8.016
167	13.28	-9.659	13.29	-10.392	13.30	-8.425	13.31	-8.425	13.32	-7.635	13.33	-6.106	13.34	-6.633	13.35	-1.513
168	13.36	-1.870	13.37	-4.138	13.38	-6.621	13.39	-8.240	13.40	-7.635	13.41	-7.021	13.42	-5.482	13.43	-3.247
169	13.44	-2.226	13.45	-3.555	13.46	-4.983	13.47	-5.791	13.48	-6.596	13.49	-6.383	13.50	-6.427	13.51	-7.760
170	13.52	-7.422	13.53	-3.772	13.54	-1.908	13.55	-3.094	13.56	-4.605	13.57	-6.232	13.58	-7.451	13.59	-7.660
171	13.60	-7.358	13.61	-6.371	13.62	-5.515	13.63	-4.775	13.64	-4.245	13.65	-3.722	13.66	-4.968	13.67	-5.850
172	13.68	-6.372	13.69	-7.237	13.70	-8.184	13.71	-8.052	13.72	-5.916	13.73	-4.873	13.74	-4.596	13.75	-4.523
173	13.76	-4.603	13.77	-4.740	13.78	-5.238	13.79	-5.728	13.80	-6.274	13.81	-7.299	13.82	-8.325	13.83	-6.243
174	13.84	-3.713	13.85	-0.351	13.86	-1.263	13.87	-1.740	13.88	-2.705	13.89	-4.292	13.90	-4.982	13.91	-4.523
175	13.92	-3.362	13.93	-0.451	13.94	-1.932	13.95	-3.375	13.96	-3.448	13.97	-4.218	13.98	-3.871	13.99	-1.233
176	14.00	-0.605	14.01	-2.002	14.02	-3.180	14.03	-4.628	14.04	-4.590	14.05	-4.212	14.06	-4.196	14.07	0.223
177	14.08	-0.099	14.09	-1.965	14.10	-4.059	14.11	-5.037	14.12	-5.189	14.13	-5.744	14.14	-5.675	14.15	-2.476
178	14.16	-3.813	14.17	-4.476	14.18	-4.958	14.19	-5.439	14.20	-5.189	14.21	-4.574	14.22	-5.675	14.23	-7.981
179	14.24	-6.714	14.25	-3.926	14.26	-3.926	14.27	-2.986	14.28	-2.590	14.29	-4.273	14.30	-6.236	14.31	-7.981
180	14.32	-8.657	14.33	-8.610	14.34	-6.301	14.35	-5.103	14.36	-4.678	14.37	-5.148	14.38	-3.311	14.39	-1.773
181	14.40	-0.327	14.41	1.119	14.42	2.565	14.43	3.994	14.44	4.272	14.45	4.551	14.46	3.301	14.47	2.029
182	14.48	1.004	14.49	-0.644	14.50	-5.002	14.51	-7.100	14.52	-8.811	14.53	-9.394	14.54	-7.459	14.55	-6.481
183	14.56	-5.884	14.57	-2.744	14.58	-3.823	14.59	-7.008	14.60	-9.120	14.61	-10.174	14.62	-11.264	14.63	-11.373
184	14.64	-8.064	14.65	-6.178	14.66	-6.594	14.67	-6.836	14.68	-6.173	14.69	-5.155	14.70	-4.203	14.71	-2.021
185	14.72	-2.182	14.73	-1.944	14.74	-1.944	14.75	-1.417	14.76	-2.322	14.77	-0.884	14.78	-1.154	14.79	1.073
186	14.80	0.992	14.81	0.911	14.82	-0.911	14.83	-1.801	14.84	-4.696	14.85	-5.922	14.86	-5.084	14.87	-2.939
187	14.88	-0.643	14.89	-1.672	14.90	-2.701	14.91	-3.701	14.92	-4.701	14.93	-5.713	14.94	-6.607	14.95	-7.299
188	14.96	-7.988	14.97	-8.376	14.98	-4.989	14.99	-1.561	15.00	-2.044	15.01	-2.853	15.02	-2.882	15.03	-2.211
189	15.04	-2.184	15.05	-1.162	15.06	1.539	15.07	4.240	15.08	3.567	15.09	3.128	15.10	2.968	15.11	2.908
190	15.12	2.194	15.13	1.077	15.14	0.208	15.15	-0.105	15.16	-0.418	15.17	-0.754	15.18	-1.206	15.19	-1.838
191	15.20	-2.193	15.21	-2.271	15.22	-3.773	15.23	-6.109	15.24	-5.632	15.25	-5.154	15.26	-5.844	15.27	-5.980
192	15.28	-4.106	15.29	-2.502	15.30	-1.417	15.31	0.157	15.32	1.951	15.33	2.476	15.34	2.240	15.35	1.538
193	15.36	0.709	15.37	-0.121	15.38	-1.438	15.39	-3.207	15.40	-4.844	15.41	-6.035	15.42	-6.180	15.43	0.185
194	15.44	-1.748	15.45	-3.644	15.46	-5.430	15.47	-6.108	15.48	-6.140	15.49	-6.066	15.50	-5.706	15.51	1.691
195	15.52	0.519	15.53	-1.813	15.54	-3.600	15.55	-5.430	15.56	-6.108	15.57	-6.140	15.58	-6.140	15.59	0.185
196	15.60	0.870	15.61	2.172	15.62	1.629	15.63	1.629	15.64	2.615	15.65	2.144	15.66	-0.192	15.67	-2.438
197	15.68	-2.010	15.69	-1.547	15.70	-1.363	15.71	-2.082	15.72	-2.628	15.73	-3.261	15.74	-3.993	15.75	-4.679
198	15.76	-4.220	15.77	-4.585	15.78	-4.734	15.79	-4								

Digitized Accelerogram of Earthquake Record with Index Number E-53 (12-1-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	1.225	0.01	2.226	0.02	2.669	0.03	4.507	0.04	5.649	0.05	3.070	0.06	3.082	0.07	2.284
2	0.08	3.468	0.09	5.466	0.10	7.922	0.11	9.354	0.12	7.420	0.13	3.946	0.14	-0.123	0.15	-1.188
3	0.16	0.627	0.17	1.150	0.18	1.623	0.19	0.873	0.20	0.384	0.21	0.411	0.22	1.702	0.23	0.930
4	0.24	0.102	0.25	0.417	0.26	2.078	0.27	2.337	0.28	2.712	0.29	3.193	0.30	2.177	0.31	-0.214
5	0.32	-1.743	0.33	1.217	0.34	3.926	0.35	5.016	0.36	5.087	0.37	2.483	0.38	-1.133	0.39	-2.672
6	0.40	-3.260	0.41	-1.097	0.42	1.563	0.43	2.610	0.44	-0.843	0.45	-3.736	0.46	-3.482	0.47	0.385
7	0.48	3.451	0.49	7.049	0.50	9.477	0.51	8.840	0.52	8.419	0.53	5.329	0.54	3.637	0.55	5.199
8	0.56	3.473	0.57	2.400	0.58	0.135	0.59	0.575	0.60	4.185	0.61	3.707	0.62	3.185	0.63	1.889
9	0.64	-0.165	0.65	3.139	0.66	8.048	0.67	9.949	0.68	7.838	0.69	6.805	0.70	4.329	0.71	0.894
10	0.72	-1.582	0.73	-5.002	0.74	-5.360	0.75	-3.421	0.76	-1.840	0.77	2.890	0.78	4.153	0.79	5.525
11	0.80	6.991	0.81	6.446	0.82	7.252	0.83	6.674	0.84	9.038	0.85	8.150	0.86	7.253	0.87	6.830
12	0.88	-2.620	0.89	-4.916	0.90	-5.514	0.91	-4.671	0.92	-0.696	0.93	3.548	0.94	3.759	0.95	5.199
13	0.96	3.461	0.97	3.798	0.98	3.801	0.99	4.336	1.00	5.643	1.01	5.053	1.02	3.021	1.03	1.023
14	1.04	-0.844	1.05	-0.350	1.06	0.639	1.07	0.177	1.08	0.013	1.09	-0.066	1.10	-0.971	1.11	-1.915
15	1.12	-0.707	1.13	1.274	1.14	3.501	1.15	5.032	1.16	5.447	1.17	4.987	1.18	3.291	1.19	3.855
16	1.20	2.138	1.21	0.360	1.22	-3.037	1.23	-0.340	1.24	3.019	1.25	4.940	1.26	4.893	1.27	1.249
17	1.28	1.037	1.29	2.428	1.30	5.024	1.31	6.707	1.32	7.395	1.33	7.306	1.34	3.678	1.35	2.687
18	1.36	3.463	1.37	4.729	1.38	6.105	1.39	6.709	1.40	5.828	1.41	4.772	1.42	3.676	1.43	-0.438
19	1.44	-0.002	1.45	-0.358	1.46	0.654	1.47	-0.553	1.48	0.771	1.49	0.661	1.50	-0.478	1.51	-1.381
20	1.52	-1.462	1.53	-0.219	1.54	2.658	1.55	5.092	1.56	6.210	1.57	5.489	1.58	4.216	1.59	3.844
21	1.60	3.477	1.61	3.760	1.62	5.717	1.63	5.101	1.64	4.888	1.65	6.831	1.66	9.244	1.67	10.823
22	1.68	8.285	1.69	9.334	1.70	7.468	1.71	7.698	1.72	9.659	1.73	8.158	1.74	5.272	1.75	0.773
23	1.76	0.574	1.77	-1.508	1.78	-1.581	1.79	-1.627	1.80	4.384	1.81	6.462	1.82	7.333	1.83	7.650
24	1.88	8.670	1.89	7.185	1.90	7.584	1.91	9.222	1.92	7.522	1.93	-0.752	1.94	-2.268	1.95	-1.023
25	1.96	0.533	1.97	1.359	1.98	2.487	1.99	1.909	1.99	3.150	1.97	5.121	1.98	6.813	1.99	6.280
26	2.00	4.921	2.01	3.861	2.02	1.956	2.03	2.042	2.04	0.645	2.05	1.077	2.06	2.642	2.07	5.271
27	2.08	7.650	2.09	8.576	2.10	7.050	2.11	7.013	2.12	5.247	2.13	6.578	2.14	7.130	2.15	4.824
28	2.16	4.267	2.17	0.058	2.18	-2.321	2.19	-4.195	2.20	-4.427	2.21	-0.080	2.22	2.632	2.23	4.766
29	2.24	5.430	2.25	6.206	2.26	6.830	2.27	4.075	2.28	2.471	2.29	2.408	2.30	2.471	2.31	0.821
30	2.32	-4.181	2.33	-5.888	2.34	-5.774	2.35	-3.732	2.36	-3.813	2.37	-3.029	2.38	-1.451	2.39	0.193
31	2.40	0.205	2.41	1.490	2.42	1.950	2.43	1.868	2.44	1.305	2.45	1.206	2.46	-0.201	2.47	-1.449
32	2.48	-2.657	2.49	-2.011	2.50	-1.302	2.51	-1.772	2.52	-1.813	2.53	0.933	2.54	4.042	2.55	4.645
33	2.56	4.564	2.57	3.141	2.58	1.723	2.59	0.476	2.60	0.534	2.61	2.060	2.62	1.152	2.63	-1.346
34	2.64	-4.812	2.65	-7.181	2.66	-7.446	2.67	-6.493	2.68	-4.047	2.69	-0.108	2.70	0.683	2.71	1.175
35	2.72	2.681	2.73	3.614	2.74	5.069	2.75	5.489	2.76	4.411	2.77	2.375	2.78	2.329	2.79	0.916
36	2.80	-2.856	2.81	-2.429	2.82	-1.978	2.83	-0.626	2.84	2.189	2.85	2.581	2.86	2.985	2.87	-0.177
37	2.88	-3.001	2.89	-2.711	2.90	-0.030	2.91	0.092	2.92	-1.445	2.93	-2.448	2.94	-3.056	2.95	-4.779
38	2.96	-4.338	2.97	-3.594	2.98	-1.164	2.99	2.199	3.00	4.356	3.01	6.139	3.02	7.295	3.03	4.947
39	3.04	1.563	3.05	-0.894	3.06	-2.213	3.07	0.491	3.08	1.705	3.09	2.473	3.10	-1.076	3.11	-1.633
40	3.12	-3.713	3.13	-3.793	3.14	0.606	3.15	4.362	3.16	6.412	3.17	6.059	3.18	4.485	3.19	0.725
41	3.20	1.219	3.21	2.256	3.22	0.641	3.23	0.166	3.24	-3.421	3.25	-4.297	3.26	-3.715	3.27	-1.778
42	3.28	0.316	3.29	1.595	3.30	5.279	3.31	6.146	3.32	4.855	3.33	1.125	3.34	-1.818	3.35	-3.038
43	3.36	-3.724	3.37	-0.362	3.38	-8.579	3.39	-7.225	3.40	-7.884	3.41	-6.146	3.42	-2.751	3.43	0.577
44	3.44	1.944	3.45	1.588	3.46	1.455	3.47	1.478	3.48	1.093	3.49	0.818	3.50	-0.287	3.51	-1.651
45	3.52	-1.923	3.53	-2.856	3.54	-4.499	3.55	-5.045	3.56	-2.810	3.57	-1.770	3.58	-0.003	3.59	-0.460
46	3.60	-3.692	3.61	-2.738	3.62	-3.273	3.63	-3.111	3.64	-1.955	3.65	-1.713	3.66	-2.194	3.67	-2.487
47	3.68	-1.980	3.69	-0.842	3.70	0.442	3.71	-2.151	3.72	-0.679	3.73	-0.604	3.74	-0.900	3.75	-1.661
48	3.76	-0.358	3.77	1.084	3.78	-0.246	3.79	-1.308	3.80	-1.186	3.81	-2.268	3.82	-2.679	3.83	-2.414
49	3.84	-1.997	3.85	-2.969	3.86	-3.088	3.87	-0.249	3.88	-2.664	3.89	-4.091	3.90	-4.010	3.91	-2.087
50	3.92	-2.438	3.93	-2.680	3.94	-2.785	3.95	-1.826	3.96	-2.169	3.97	-1.499	3.98	0.633	3.99	0.943
51	4.00	0.611	4.01	-0.403	4.02	-0.678	4.03	-0.877	4.04	-1.169	4.05	0.285	4.06	0.028	4.07	-2.846
52	4.08	-4.665	4.09	-4.904	4.10	-4.573	4.11	-5.231	4.12	-6.293	4.13	-5.898	4.14	-5.865	4.15	-1.548
53	4.16	-1.565	4.17	-2.332	4.18	-2.055	4.19	0.505	4.20	0.177	4.21	-2.464	4.22	-2.811	4.23	-1.568
54	4.24	-0.060	4.25	0.905	4.26	0.477	4.27	-1.609	4.28	-4.817	4.29	-3.849	4.30	-1.002	4.31	2.189
55	4.32	2.383	4.33	1.542	4.34	-2.168	4.35	-3.912	4.36	-5.919	4.37	-6.247	4.38	-2.350	4.39	1.540
56	4.40	-1.230	4.41	-1.758	4.42	-1.318	4.43	0.250	4.44	1.222	4.45	3.116	4.46	2.086	4.47	1.127
57	4.48	-0.673	4.49	-2.152	4.50	-1.471	4.51	-1.140	4.52	-1.787	4.53	-4.024	4.54	-3.398	4.55	-1.243
58	4.56	-3.083	4.57	-2.660	4.58	-1.789	4.59	-1.695	4.60	-2.119	4.61	-2.201	4.62	-2.282	4.63	-0.819
59	4.64	-1.703	4.65	-3.706	4.66	-3.389	4.67	-3.440	4.68	-3.068	4.69	-3.478	4.70	-3.685	4.71	-3.826
60	4.72	-4.818	4.73	-4.837	4.74	-4.950	4.75	-5.307	4.76	-4.291	4.77	-4.710	4.78	-2.897	4.79	-1.974
61	4.80	-2.313	4.81	-2.250	4.82	-1.752	4.83	-1.205	4.84	-1.078	4.85	-1.644	4.86	-1.257	4.87	-3.809
62	4.88	-3.852	4.89	-1.371	4.90	-0.470	4.91	0.628	4.92	-0.807	4.93	-1.315	4.94	-2.394	4.95	-2.141
63	4.96	-1.218	4.97	-0.607	4.98	0.046	4.99	-2.159	5.00	-3.690	5.01	-4.661	5.02	-5.414	5.03	-6.086
64	5.04	-4.064	5.05	-3.513	5.06	-5.081	5.07	-1.068	5.08	-1.939	5.09	-2.158	5.10	-1.794	5.11	-1.504
65	5.12	-2.812	5.13	-3.056	5.14	-2.755	5.15	-4.391	5.16	-5.918	5.17	-6.247	5.18	-2.745	5.19	-0.825
66	5.20	-2.577	5.21	-2.274	5.22	-1.613	5.23	-3.002	5.24	-2.527	5.25	-1.154	5.26	0.299	5.27	-0.997
67	5.28	-2.797	5.29	-2.087	5.30	-2.158	5.31	-5.012	5.32	-6.597	5.33	-5.424	5.34	-5.343	5.35	-4.831
68	5.36	-2.599	5.37	-1.124	5.38	-0.402	5.39	-1.425	5.40	0.239	5.41	-0.102	5.42	-1.269	5.43	-2.513
69	5.44	-2.723	5.45	-3.020	5.46	-3.592	5.47	-4.164	5.48	-4.541	5.49	-4.837	5.50	-4.744	5.51	-4.069
70	5.52	-2.895	5.53	-3.127	5.54	-4.116	5.55	-4.196	5.56	-5.437	5.57	-5.548	5.58	-4.536	5.59	-3.683
71	5.60	-2.844	5.61	-1.851	5.62	-0.859	5.63	0.118	5.64	1.088	5.65	0.288	5.66	-1.054	5.67	-2.315
72	5.68	-3.451	5.69	-4.585	5.70	-5.721	5.71	-6.236	5.72	-6.628	5.73	-7.020	5.74	-7.412	5.75	-7.432
73	5.76	-7.374	5.77	-7.317	5.78	-7.334	5.79	-7.680	5.80	-7.755	5.81	-6.685	5.82	-5.614	5.83	-5.186
74	5.84	-5.574	5.85	-5.414	5.86	-6.038	5.87	-6.628	5.88	-7.459	5.89	-8.685	5.90	-9.745	5.91	-10.825
75	5.92	-1.102	5.93	-												

127	10.08	-4.052	10.09	-5.042	10.10	-7.141	10.11	-4.156	10.12	-2.191	10.13	-0.709	10.14	3.047	10.15	4.756
128	10.16	-5.039	10.17	-6.095	10.18	-8.090	10.19	-6.090	10.20	-3.215	10.21	-0.436	10.22	-1.649	10.23	-2.177
129	10.24	-5.492	10.25	-7.044	10.26	-8.222	10.27	-8.910	10.28	-7.746	10.29	-7.093	10.30	-5.850	10.31	-2.274
130	10.32	-1.004	10.33	-0.602	10.34	-0.010	10.35	-1.569	10.36	-2.943	10.37	-3.905	10.38	-3.389	10.39	-2.665
131	10.40	-1.633	10.41	-0.361	10.42	-2.698	10.43	-4.061	10.44	-5.138	10.45	-6.139	10.46	-7.136	10.47	-3.771
132	10.48	-1.727	10.49	-2.195	10.50	-2.552	10.51	-2.909	10.52	-3.176	10.53	-3.462	10.54	-3.695	10.55	-0.486
133	10.56	-0.907	10.57	-1.068	10.58	-0.933	10.59	-2.167	10.60	-2.236	10.61	-1.732	10.62	-2.431	10.63	-1.123
134	10.64	-0.639	10.65	-0.135	10.66	-0.632	10.67	-1.160	10.68	-0.906	10.69	-0.693	10.70	-3.348	10.71	-6.003
135	10.72	-0.920	10.73	-0.241	10.74	-0.300	10.75	-3.299	10.76	-4.751	10.77	-6.998	10.78	-6.202	10.79	-7.565
136	10.80	-0.574	10.81	-0.397	10.82	-0.887	10.83	-5.663	10.84	-6.899	10.85	-9.323	10.86	-8.641	10.87	-9.672
137	10.88	-2.901	10.89	-0.261	10.90	-0.402	10.91	-1.780	10.92	-1.685	10.93	-2.652	10.94	-3.610	10.95	-4.610
138	10.96	-1.475	10.97	-1.825	10.98	-1.895	10.99	-6.785	11.00	-6.290	11.01	-5.629	11.02	-5.095	11.03	-4.586
139	11.04	-0.657	11.05	-0.946	11.06	-1.085	11.07	-1.306	11.08	-1.507	11.09	-1.685	11.10	-1.846	11.11	-1.986
140	11.12	-0.767	11.13	-0.652	11.14	-0.489	11.15	-0.353	11.16	-0.207	11.17	-0.056	11.18	-0.103	11.19	-0.151
141	11.20	-0.291	11.21	-0.199	11.22	-0.127	11.23	-0.078	11.24	-0.042	11.25	-0.023	11.26	-0.013	11.27	-0.007
142	11.28	-0.032	11.29	-0.012	11.30	-0.005	11.31	-0.002	11.32	-0.001	11.33	-0.000	11.34	-0.000	11.35	-0.000
143	11.36	-0.000	11.37	-0.000	11.38	-0.000	11.39	-0.000	11.40	-0.000	11.41	-0.000	11.42	-0.000	11.43	-0.000
144	11.44	-0.000	11.45	-0.000	11.46	-0.000	11.47	-0.000	11.48	-0.000	11.49	-0.000	11.50	-0.000	11.51	-0.000
145	11.52	-0.000	11.53	-0.000	11.54	-0.000	11.55	-0.000	11.56	-0.000	11.57	-0.000	11.58	-0.000	11.59	-0.000
146	11.60	-0.000	11.61	-0.000	11.62	-0.000	11.63	-0.000	11.64	-0.000	11.65	-0.000	11.66	-0.000	11.67	-0.000
147	11.68	-0.000	11.69	-0.000	11.70	-0.000	11.71	-0.000	11.72	-0.000	11.73	-0.000	11.74	-0.000	11.75	-0.000
148	11.76	-0.000	11.77	-0.000	11.78	-0.000	11.79	-0.000	11.80	-0.000	11.81	-0.000	11.82	-0.000	11.83	-0.000
149	11.84	-0.000	11.85	-0.000	11.86	-0.000	11.87	-0.000	11.88	-0.000	11.89	-0.000	11.90	-0.000	11.91	-0.000
150	11.92	-0.000	11.93	-0.000	11.94	-0.000	11.95	-0.000	11.96	-0.000	11.97	-0.000	11.98	-0.000	11.99	-0.000
151	12.00	-0.000	12.01	-0.000	12.02	-0.000	12.03	-0.000	12.04	-0.000	12.05	-0.000	12.06	-0.000	12.07	-0.000
152	12.08	-0.000	12.09	-0.000	12.10	-0.000	12.11	-0.000	12.12	-0.000	12.13	-0.000	12.14	-0.000	12.15	-0.000
153	12.16	-0.000	12.17	-0.000	12.18	-0.000	12.19	-0.000	12.20	-0.000	12.21	-0.000	12.22	-0.000	12.23	-0.000
154	12.24	-0.000	12.25	-0.000	12.26	-0.000	12.27	-0.000	12.28	-0.000	12.29	-0.000	12.30	-0.000	12.31	-0.000
155	12.32	-0.000	12.33	-0.000	12.34	-0.000	12.35	-0.000	12.36	-0.000	12.37	-0.000	12.38	-0.000	12.39	-0.000
156	12.40	-0.000	12.41	-0.000	12.42	-0.000	12.43	-0.000	12.44	-0.000	12.45	-0.000	12.46	-0.000	12.47	-0.000
157	12.48	-0.000	12.49	-0.000	12.50	-0.000	12.51	-0.000	12.52	-0.000	12.53	-0.000	12.54	-0.000	12.55	-0.000
158	12.56	-0.000	12.57	-0.000	12.58	-0.000	12.59	-0.000	12.60	-0.000	12.61	-0.000	12.62	-0.000	12.63	-0.000
159	12.64	-0.000	12.65	-0.000	12.66	-0.000	12.67	-0.000	12.68	-0.000	12.69	-0.000	12.70	-0.000	12.71	-0.000
160	12.72	-0.000	12.73	-0.000	12.74	-0.000	12.75	-0.000	12.76	-0.000	12.77	-0.000	12.78	-0.000	12.79	-0.000
161	12.80	-0.000	12.81	-0.000	12.82	-0.000	12.83	-0.000	12.84	-0.000	12.85	-0.000	12.86	-0.000	12.87	-0.000
162	12.88	-0.000	12.89	-0.000	12.90	-0.000	12.91	-0.000	12.92	-0.000	12.93	-0.000	12.94	-0.000	12.95	-0.000
163	12.96	-0.000	12.97	-0.000	12.98	-0.000	12.99	-0.000	13.00	-0.000	13.01	-0.000	13.02	-0.000	13.03	-0.000
164	13.04	-0.000	13.05	-0.000	13.06	-0.000	13.07	-0.000	13.08	-0.000	13.09	-0.000	13.10	-0.000	13.11	-0.000
165	13.12	-0.000	13.13	-0.000	13.14	-0.000	13.15	-0.000	13.16	-0.000	13.17	-0.000	13.18	-0.000	13.19	-0.000
166	13.20	-0.000	13.21	-0.000	13.22	-0.000	13.23	-0.000	13.24	-0.000	13.25	-0.000	13.26	-0.000	13.27	-0.000
167	13.28	-0.000	13.29	-0.000	13.30	-0.000	13.31	-0.000	13.32	-0.000	13.33	-0.000	13.34	-0.000	13.35	-0.000
168	13.36	-0.000	13.37	-0.000	13.38	-0.000	13.39	-0.000	13.40	-0.000	13.41	-0.000	13.42	-0.000	13.43	-0.000
169	13.44	-0.000	13.45	-0.000	13.46	-0.000	13.47	-0.000	13.48	-0.000	13.49	-0.000	13.50	-0.000	13.51	-0.000
170	13.52	-0.000	13.53	-0.000	13.54	-0.000	13.55	-0.000	13.56	-0.000	13.57	-0.000	13.58	-0.000	13.59	-0.000
171	13.60	-0.000	13.61	-0.000	13.62	-0.000	13.63	-0.000	13.64	-0.000	13.65	-0.000	13.66	-0.000	13.67	-0.000
172	13.68	-0.000	13.69	-0.000	13.70	-0.000	13.71	-0.000	13.72	-0.000	13.73	-0.000	13.74	-0.000	13.75	-0.000
173	13.76	-0.000	13.77	-0.000	13.78	-0.000	13.79	-0.000	13.80	-0.000	13.81	-0.000	13.82	-0.000	13.83	-0.000
174	13.84	-0.000	13.85	-0.000	13.86	-0.000	13.87	-0.000	13.88	-0.000	13.89	-0.000	13.90	-0.000	13.91	-0.000
175	13.92	-0.000	13.93	-0.000	13.94	-0.000	13.95	-0.000	13.96	-0.000	13.97	-0.000	13.98	-0.000	13.99	-0.000
176	14.00	-0.000	14.01	-0.000	14.02	-0.000	14.03	-0.000	14.04	-0.000	14.05	-0.000	14.06	-0.000	14.07	-0.000
177	14.08	-0.000	14.09	-0.000	14.10	-0.000	14.11	-0.000	14.12	-0.000	14.13	-0.000	14.14	-0.000	14.15	-0.000
178	14.16	-0.000	14.17	-0.000	14.18	-0.000	14.19	-0.000	14.20	-0.000	14.21	-0.000	14.22	-0.000	14.23	-0.000
179	14.24	-0.000	14.25	-0.000	14.26	-0.000	14.27	-0.000	14.28	-0.000	14.29	-0.000	14.30	-0.000	14.31	-0.000
180	14.32	-0.000	14.33	-0.000	14.34	-0.000	14.35	-0.000	14.36	-0.000	14.37	-0.000	14.38	-0.000	14.39	-0.000
181	14.40	-0.000	14.41	-0.000	14.42	-0.000	14.43	-0.000	14.44	-0.000	14.45	-0.000	14.46	-0.000	14.47	-0.000
182	14.48	-0.000	14.49	-0.000	14.50	-0.000	14.51	-0.000	14.52	-0.000	14.53	-0.000	14.54	-0.000	14.55	-0.000
183	14.56	-0.000	14.57	-0.000	14.58	-0.000	14.59	-0.000	14.60	-0.000	14.61	-0.000	14.62	-0.000	14.63	-0.000
184	14.64	-0.000	14.65	-0.000	14.66	-0.000	14.67	-0.000	14.68	-0.000	14.69	-0.000	14.70	-0.000	14.71	-0.000
185	14.72	-0.000	14.73	-0.000	14.74	-0.000	14.75	-0.000	14.76	-0.000	14.77	-0.000	14.78	-0.000	14.79	-0.000
186	14.80	-0.000	14.81	-0.000	14.82	-0.000	14.83	-0.000	14.84	-0.000	14.85	-0.000	14.86	-0.000	14.87	-0.000
187	14.88	-0.000	14.89	-0.000	14.90	-0.000	14.91	-0.000	14.92	-0.000	14.93	-0.000	14.94	-0.000	14.95	-0.000
188	14.96	-0.000	14.97	-0.000	14.98	-0.000	14.99	-0.000	15.00	-0.000	15.01	-0.000	15.02	-0.000	15.03	-0.000
189	15.04	-0.000	15.05	-0.000	15.06	-0.000	15.07	-0.000	15.08	-0.000	15.09	-0.000	15.10	-0.000	15.11	-0.000
190	15.12	-0.000	15.13	-0.000	15.14	-0.000	15.15	-0.000	15.16	-0.000	15.17	-0.000	15.18	-0.000	15.19	-0.000
191	15.20	-0.000	15.21	-0.000	15.22	-0.000	15.23	-0.000	15.24	-0.000	15.25	-0.000	15.26	-0.000	15.27	-0.000
192	15.28	-0.000	15.29	-0.000	15.30	-0.000	15.31	-0.000	15.32	-0.000	15.33	-0.000	15.34	-0.000	15.35	-0.000
193	15.36	-0.000	15.37	-0.000	15.38	-0.000	15.39	-0.000	15.40	-0.000	15.41	-0.000	15.42	-0.000	15.43	-0.000
194	15.44	-0.000	15.45	-0.000	15.46	-0.000	15.47	-0.000	15.48	-0.000	15.49	-0.000	15.50	-0.000	15.51	-0.000
195	15.52	-0.000	15.53	-0.000	15.54	-0.000	15.55	-0.000	15.56	-0.000	15.57	-0.000	15.58	-0.000	15.59	-0.000
196	15.60	-0.000	15.61	-0.000	15.62	-0.000	15.63	-0.000	15.64	-0.000	15.65	-0.000	15.66	-0.000	15.67	-0.000
197	15.68	-0.000	15.69	-0.000	15.70	-0.000	15.71	-0.000	15.72	-0.000	15.73	-0.000	15.74	-0.000	15.75	-0.000
198	15.76	-0.000	15.77	-0.000	15.78	-0.000										

Digitized Accelerogram of Earthquake Record with
Index Number E-54 (12-2-X)

[illegible]

127	10.08	9.191	10.09	7.690	10.10	6.189	10.11	3.412	10.12	2.078	10.13	0.745	10.14	0.187	10.15	-0.370
128	10.10	-0.927	10.17	-1.484	10.18	-1.875	10.19	-2.042	10.20	-2.044	10.21	-2.044	10.22	-2.057	10.23	-1.997
129	10.12	0.756	10.13	0.756	10.14	0.756	10.15	0.756	10.16	0.756	10.17	0.756	10.18	0.756	10.19	0.756
130	10.32	1.666	10.33	2.959	10.34	4.251	10.35	2.666	10.36	-0.120	10.37	-2.305	10.38	-4.972	10.39	-6.638
131	10.40	-7.935	10.41	-9.232	10.42	-10.528	10.43	-9.199	10.44	-0.646	10.45	-0.693	10.46	-7.928	10.47	-7.764
132	10.46	-7.212	10.49	-6.659	10.50	-5.181	10.51	-3.703	10.52	-2.225	10.53	-0.728	10.54	-0.768	10.55	1.995
133	10.56	0.910	10.57	-0.165	10.58	-1.240	10.59	-2.094	10.60	-2.947	10.61	-3.801	10.62	-5.023	10.63	-6.246
134	10.64	-7.460	10.65	-7.802	10.66	-5.863	10.67	-3.924	10.68	-3.176	10.69	-2.429	10.70	-1.682	10.71	-0.935
135	10.72	-0.382	10.73	0.170	10.74	-0.053	10.75	-0.278	10.76	-1.945	10.77	-3.612	10.78	-5.170	10.79	-2.727
136	10.80	-2.285	10.81	-1.288	10.82	-0.291	10.83	0.706	10.84	2.036	10.85	3.365	10.86	3.583	10.87	3.581
137	10.88	3.135	10.89	2.689	10.90	2.243	10.91	1.812	10.92	0.981	10.93	0.359	10.94	-0.068	10.95	-0.485
138	10.96	-0.905	10.97	-1.323	10.98	-0.686	10.99	-0.069	11.00	0.558	11.01	2.096	11.02	4.382	11.03	5.767
139	11.04	0.090	11.05	3.560	11.06	4.983	11.07	4.425	11.08	2.757	11.09	0.812	11.10	-1.131	11.11	-0.467
140	11.12	0.199	11.13	5.189	11.14	6.075	11.15	5.102	11.16	4.128	11.17	3.155	11.18	2.181	11.19	0.680
141	11.20	-0.822	11.21	-2.989	11.22	-5.155	11.23	-7.211	11.24	-9.264	11.25	-8.103	11.26	-7.123	11.27	-6.053
142	11.28	-5.722	11.29	-5.281	11.30	-4.839	11.31	-4.397	11.32	-3.918	11.33	-3.439	11.34	-2.960	11.35	-1.854
143	11.36	-2.041	11.37	-2.228	11.38	-2.416	11.39	-2.307	11.40	-2.197	11.41	-1.718	11.42	-1.239	11.43	-0.760
144	11.44	0.070	11.45	0.901	11.46	3.451	11.47	4.837	11.48	6.221	11.49	6.385	11.50	6.549	11.51	5.575
145	11.52	4.602	11.53	3.629	11.54	2.656	11.55	3.125	11.56	3.595	11.57	4.064	11.58	4.532	11.59	2.161
146	11.60	-0.229	11.61	-2.580	11.62	-6.909	11.63	-5.940	11.64	-4.970	11.65	-4.001	11.66	-3.029	11.67	1.074
147	11.68	3.955	11.69	3.010	11.70	2.064	11.71	0.396	11.72	-0.605	11.73	-1.606	11.74	-2.605	11.75	-0.832
148	11.76	0.942	11.77	2.826	11.78	2.045	11.79	-0.067	11.80	-2.178	11.81	-4.289	11.82	-5.046	11.83	-5.802
149	11.84	-6.559	11.85	-7.316	11.86	-8.071	11.87	-6.189	11.88	-5.855	11.89	-4.193	11.90	-2.311	11.91	-3.645
150	11.92	-4.387	11.93	-5.129	11.94	-5.868	11.95	-2.876	11.96	-1.763	11.97	-0.650	11.98	0.761	11.99	2.222
151	12.00	3.328	12.01	2.549	12.02	1.770	12.03	0.102	12.04	-1.565	12.05	-2.825	12.06	-4.085	12.07	-5.344
152	12.08	-4.236	12.09	-3.129	12.10	-2.021	12.11	-0.914	12.12	0.120	12.13	1.153	12.14	2.187	12.15	2.651
153	12.16	3.515	12.17	4.179	12.18	4.842	12.19	5.506	12.20	5.835	12.21	4.529	12.22	3.222	12.23	1.915
154	12.24	0.609	12.25	-0.225	12.26	-1.059	12.27	-2.726	12.28	-2.925	12.29	-1.324	12.30	-0.623	12.31	-0.071
155	12.32	0.481	12.33	0.701	12.34	0.921	12.35	1.141	12.36	1.360	12.37	0.137	12.38	-1.005	12.39	0.245
156	12.40	1.352	12.41	2.090	12.42	2.827	12.43	3.563	12.44	1.525	12.45	-0.512	12.46	-2.550	12.47	-5.105
157	12.48	-7.650	12.49	-5.883	12.50	-4.108	12.51	-1.003	12.52	2.656	12.53	3.541	12.54	3.050	12.55	2.559
158	12.56	2.069	12.57	1.578	12.58	1.087	12.59	0.789	12.60	0.492	12.61	0.194	12.62	0.080	12.63	-0.033
159	12.64	-0.147	12.65	-0.260	12.66	-0.373	12.67	-0.005	12.68	0.363	12.69	0.731	12.70	1.098	12.71	1.466
160	12.72	1.833	12.73	1.831	12.74	1.829	12.75	1.828	12.76	2.046	12.77	1.711	12.78	1.375	12.79	1.040
161	12.80	0.705	12.81	0.444	12.82	0.182	12.83	-0.079	12.84	-0.248	12.85	-0.416	12.86	-0.585	12.87	-0.754
162	12.88	-0.923	12.89	-1.092	12.90	-1.260	12.91	-1.429	12.92	-1.598	12.93	-1.767	12.94	-1.886	12.95	-1.845
163	12.96	-1.885	12.97	-1.924	12.98	-1.963	12.99	-2.003	13.00	-2.042	13.01	-2.081	13.02	-2.120	13.03	-2.123
164	13.04	-2.125	13.05	-2.127	13.06	-2.129	13.07	-2.130	13.08	-2.131	13.09	-2.132	13.10	-1.943	13.11	-1.750
165	13.12	-1.558	13.13	-1.366	13.14	-1.007	13.15	-0.648	13.16	-0.289	13.17	0.069	13.18	0.419	13.19	0.769
166	13.20	1.171	13.21	1.168	13.22	0.389	13.23	-0.334	13.24	-1.080	13.25	-4.946	13.26	-5.910	13.27	-6.874
167	13.28	-7.835	13.29	-5.617	13.30	-3.400	13.31	-3.125	13.32	-2.850	13.33	-2.574	13.34	-2.299	13.35	-2.024
168	13.36	-1.749	13.37	-2.529	13.38	-2.031	13.39	-1.533	13.40	-1.258	13.41	-0.982	13.42	-0.707	13.43	-0.432
169	13.44	-0.508	13.45	-0.585	13.46	-0.661	13.47	-0.274	13.48	0.112	13.49	0.354	13.50	0.595	13.51	0.837
170	13.52	1.079	13.53	1.321	13.54	1.745	13.55	2.169	13.56	2.592	13.57	3.016	13.58	3.439	13.59	3.862
171	13.60	3.583	13.61	3.303	13.62	2.301	13.63	1.300	13.64	0.299	13.65	-0.703	13.66	-1.703	13.67	-1.439
172	13.68	-1.174	13.69	-0.910	13.70	-0.646	13.71	-0.381	13.72	0.338	13.73	1.057	13.74	1.775	13.75	1.035
173	13.76	0.314	13.77	-0.425	13.78	-1.184	13.79	-1.943	13.80	-2.642	13.81	-3.381	13.82	-4.120	13.83	-4.859
174	13.84	-5.597	13.85	-6.336	13.86	-7.075	13.87	-6.009	13.88	-4.931	13.89	-3.853	13.90	-2.775	13.91	-1.697
175	13.92	-2.644	13.93	-6.427	13.94	-6.427	13.95	-6.410	13.96	-6.061	13.97	-5.803	13.98	-5.546	13.99	-4.993
176	14.00	-4.440	14.01	-3.887	14.02	-3.334	14.03	-2.614	14.04	-1.895	14.05	-1.509	14.06	-1.123	14.07	-0.709
177	14.08	-0.295	14.09	0.119	14.10	0.533	14.11	0.864	14.12	1.196	14.13	1.675	14.14	2.154	14.15	2.632
178	14.16	2.727	14.17	2.822	14.18	2.917	14.19	3.012	14.20	3.107	14.21	3.201	14.22	3.296	14.23	3.390
179	14.24	1.334	14.25	-0.720	14.26	-1.055	14.27	-1.390	14.28	-1.725	14.29	-2.060	14.30	-2.247	14.31	-2.434
180	14.32	-2.621	14.33	-2.123	14.34	-1.626	14.35	-0.906	14.36	-0.187	14.37	-0.115	14.38	-0.042	14.39	0.030
181	14.40	-0.195	14.41	-0.420	14.42	-0.922	14.43	-1.424	14.44	-1.925	14.45	-2.426	14.46	-2.927	14.47	-3.428
182	14.48	-2.433	14.49	-2.509	14.50	-2.585	14.51	-2.661	14.52	-2.662	14.53	-2.567	14.54	-2.472	14.55	-2.377
183	14.56	-2.282	14.57	-2.187	14.58	-2.092	14.59	-1.997	14.60	-1.922	14.61	-1.826	14.62	-1.731	14.63	-1.636
184	14.64	-2.466	14.65	-2.283	14.66	-2.100	14.67	-1.917	14.68	-1.734	14.69	-1.551	14.70	-1.368	14.71	-1.186
185	14.72	-1.003	14.73	-0.820	14.74	-0.711	14.75	-0.602	14.76	-0.493	14.77	-0.384	14.78	-0.275	14.79	-0.166
186	14.80	1.307	14.81	1.340	14.82	1.294	14.83	1.247	14.84	1.201	14.85	1.154	14.86	0.819	14.87	0.484
187	14.88	0.148	14.89	-0.187	14.90	-0.522	14.91	-0.921	14.92	-1.319	14.93	-1.718	14.94	-2.117	14.95	-2.515
188	14.96	-2.914	14.97	-3.312	14.98	-3.398	14.99	-3.483	15.00	-3.568	15.01	-3.654	15.02	-3.738	15.03	-3.101
189	15.04	-1.441	15.05	-1.332	15.06	-1.223	15.07	-1.114	15.08	-0.974	15.09	-0.833	15.10	-0.692	15.11	-0.551
190	15.12	-0.411	15.13	-0.129	15.14	0.129	15.15	0.268	15.16	0.407	15.17	0.546	15.18	0.685	15.19	0.824
191	15.20	1.855	15.21	1.935	15.22	2.016	15.23	2.097	15.24	2.177	15.25	2.258	15.26	2.339	15.27	2.420
192	15.28	0.466	15.29	0.038	15.30	-0.389	15.31	-0.547	15.32	-0.704	15.33	-0.862	15.34	-1.020	15.35	-1.177
193	15.36	-1.119	15.37	-0.960	15.38	-0.801	15.39	-0.642	15.40	-0.483	15.41	-0.324	15.42	-0.165	15.43	-0.006
194	15.44	-1.119	15.45	-1.280	15.46	-1.441	15.47	-1.602	15.48	-1.762	15.49	-1.921	15.50	-2.081	15.51	-2.241
195	15.52	0.005	15.53	0.447	15.54	0.889	15.55	0.979	15.56	1.069	15.57	1.159	15.58	1.249	15.59	1.340
196	15.60	1.430	15.61	1.354	15.62	1.278	15.63	1.202	15.64	1.310	15.65	1.419	15.66	1.527	15.67	1.636
197	15.68	1.744	15.69	1.964	15.70	2.184	15.71	2.404	15.72	2.624	15.73	2.844	15.74	3.063	15.75	3.172
198	15.76	3.281	15.77	3.389	15.78	3.498										

Digitized Accelerogram of Earthquake Record with Index Number E-55 (12-2-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	0.693	0.01	1.279	0.02	1.044	0.03	2.450	0.04	3.035	0.05	4.371	0.06	5.706
2	0.08	-0.604	0.09	-3.824	0.10	-1.045	0.11	2.250	0.12	3.443	0.13	4.617	0.14	5.706
3	0.16	1.184	0.17	-0.156	0.18	-1.496	0.19	-2.782	0.20	-3.649	0.21	-5.036	0.22	-6.032
4	0.24	-2.687	0.25	2.765	0.26	2.657	0.27	2.550	0.28	1.848	0.29	1.149	0.30	0.505
5	0.32	-0.677	0.33	-1.215	0.34	-2.287	0.35	-3.359	0.36	-3.415	0.37	-3.472	0.38	-1.977
6	0.40	0.586	0.41	1.654	0.42	2.935	0.43	3.788	0.44	2.876	0.45	1.963	0.46	-3.711
7	0.48	-3.181	0.49	-2.649	0.50	-2.116	0.51	-1.583	0.52	-1.051	0.53	-0.518	0.54	-0.254
8	0.56	1.291	0.57	1.556	0.58	1.822	0.59	-0.535	0.60	-0.498	0.61	-0.890	0.62	-2.684
9	0.64	-0.869	0.65	1.052	0.66	1.586	0.67	2.119	0.68	2.864	0.69	2.662	0.70	-1.636
10	0.72	-4.851	0.73	-6.566	0.74	-6.567	0.75	-5.252	0.76	-3.897	0.77	-1.762	0.78	-0.461
11	0.80	2.082	0.81	1.867	0.82	0.792	0.83	0.470	0.84	-1.673	0.85	-4.030	0.86	-5.959
12	0.88	-10.030	0.89	-6.608	0.90	-2.632	0.91	1.731	0.92	1.730	0.93	0.764	0.94	-0.310
13	0.96	0.114	0.97	0.646	0.98	0.643	0.99	-1.393	1.00	-3.322	1.01	-4.394	1.02	-4.182
14	1.04	-0.443	1.05	0.357	1.06	1.158	1.07	2.760	1.08	4.682	1.09	5.216	1.10	4.821
15	1.12	4.030	1.13	3.706	1.14	2.794	1.15	1.882	1.16	0.774	1.17	-0.333	1.18	-1.441
16	1.20	-0.594	1.21	-0.594	1.22	0.580	1.23	1.113	1.24	1.646	1.25	2.179	1.26	2.281
17	1.28	1.763	1.29	-1.008	1.30	-1.154	1.31	-0.191	1.32	-0.944	1.33	-1.481	1.34	-2.018
18	1.36	-5.555	1.37	-6.947	1.38	-3.528	1.39	-2.440	1.40	-1.393	1.41	-0.326	1.42	0.314
19	1.44	1.023	1.45	1.378	1.46	1.374	1.47	0.622	1.48	0.619	1.49	1.402	1.50	2.184
20	1.52	3.336	1.53	3.710	1.54	3.760	1.55	3.811	1.56	3.648	1.57	3.486	1.58	2.734
21	1.60	-1.874	1.61	-3.159	1.62	-3.054	1.63	-2.949	1.64	-1.508	1.65	-0.067	1.66	0.787
22	1.68	3.992	1.69	7.841	1.70	6.768	1.71	4.412	1.72	1.947	1.73	1.198	1.74	-2.123
23	1.76	-5.873	1.77	-4.592	1.78	-3.310	1.79	-2.029	1.80	-0.748	1.81	1.282	1.82	4.170
24	1.84	7.374	1.85	6.944	1.86	6.514	1.87	5.620	1.88	4.725	1.89	3.831	1.90	1.367
25	1.92	2.684	1.93	-3.778	1.94	-3.138	1.95	-2.497	1.96	-0.146	1.97	2.525	1.98	4.983
26	2.00	-4.230	2.01	-2.997	2.02	-1.764	2.03	-0.531	2.04	-0.062	2.05	-0.599	2.06	-1.458
27	2.08	-4.351	2.09	-1.787	2.10	-1.253	2.11	-0.822	2.12	-0.440	2.13	-0.088	2.14	1.000
28	2.16	1.243	2.17	0.974	2.18	0.651	2.19	0.111	2.20	-0.266	2.21	-0.442	2.22	-0.805
29	2.24	0.635	2.25	2.450	2.26	5.121	2.27	7.901	2.28	8.220	2.29	8.003	2.30	7.466
30	2.32	4.248	2.33	3.016	2.34	1.783	2.35	1.031	2.36	-0.149	2.37	-3.897	2.38	-5.505
31	2.40	-1.656	2.41	1.871	2.42	6.149	2.43	2.187	2.44	-1.241	2.45	-2.242	2.46	-3.243
32	2.48	-0.087	2.49	-4.784	2.50	-2.915	2.51	-1.064	2.52	-0.673	2.53	-0.300	2.54	0.232
33	2.56	1.616	2.57	1.721	2.58	1.826	2.59	1.923	2.60	1.819	2.61	1.602	2.62	0.850
34	2.64	-3.221	2.65	-4.506	2.66	-0.924	2.67	2.657	2.68	3.937	2.69	4.738	2.70	5.538
35	2.72	-4.565	2.73	4.565	2.74	-0.924	2.75	3.223	2.76	2.551	2.77	1.880	2.78	1.676
36	2.80	0.668	2.81	0.264	2.82	-0.723	2.83	-0.811	2.84	-0.440	2.85	-0.088	2.86	1.000
37	2.88	3.135	2.89	2.597	2.90	2.058	2.91	2.002	2.92	1.946	2.93	1.889	2.94	1.833
38	2.96	1.614	2.97	1.505	2.98	1.395	2.99	1.286	3.00	1.283	3.01	1.281	3.02	1.278
39	3.04	1.272	3.05	1.341	3.06	1.409	3.07	1.478	3.08	1.582	3.09	1.687	3.10	1.652
40	3.12	2.376	3.13	2.535	3.14	1.996	3.15	1.457	3.16	-0.685	3.17	-2.657	3.18	-4.648
41	3.20	-1.764	3.21	-0.857	3.22	0.052	3.23	2.508	3.24	3.573	3.25	3.679	3.26	3.784
42	3.28	3.607	3.29	3.724	3.30	3.641	3.31	3.559	3.32	3.503	3.33	3.447	3.34	3.391
43	3.36	2.931	3.37	2.526	3.38	2.122	3.39	1.718	3.40	1.313	3.41	1.356	3.42	1.175
44	3.44	2.169	3.45	2.686	3.46	1.700	3.47	0.092	3.48	-1.515	3.49	-3.122	3.50	-1.573
45	3.52	1.578	3.53	2.646	3.54	3.714	3.55	2.613	3.56	1.911	3.57	1.010	3.58	0.108
46	3.60	-1.153	3.61	-1.512	3.62	-1.872	3.63	-2.240	3.64	-2.625	3.65	-2.173	3.66	-1.720
47	3.68	-0.814	3.69	5.086	3.70	4.172	3.71	3.277	3.72	2.363	3.73	1.469	3.74	0.594
48	3.76	-0.837	3.77	-1.374	3.78	-2.020	3.79	-2.664	3.80	-1.632	3.81	-0.600	3.82	0.432
49	3.84	1.122	3.85	1.468	3.86	1.813	3.87	1.703	3.88	1.593	3.89	1.190	3.90	0.785
50	3.92	-0.022	3.93	-0.203	3.94	-0.384	3.95	-0.565	3.96	-0.631	3.97	-0.698	3.98	-0.764
51	4.00	-0.897	4.01	-0.256	4.02	0.381	4.03	0.379	4.04	0.376	4.05	0.374	4.06	0.371
52	4.08	0.366	4.09	0.426	4.10	0.497	4.11	0.549	4.12	0.610	4.13	0.672	4.14	0.740
53	4.16	0.878	4.17	1.544	4.18	2.210	4.19	2.876	4.20	3.541	4.21	2.683	4.22	1.824
54	4.24	0.856	4.25	0.746	4.26	0.637	4.27	0.527	4.28	0.418	4.29	0.309	4.30	0.199
55	4.32	-0.130	4.33	-0.580	4.34	-0.989	4.35	-1.400	4.36	-1.811	4.37	-2.222	4.38	-2.633
56	4.40	1.012	4.41	1.345	4.42	1.128	4.43	0.912	4.44	0.695	4.45	0.478	4.46	0.261
57	4.48	-0.208	4.49	-0.460	4.50	-0.712	4.51	-1.143	4.52	-1.574	4.53	-1.042	4.54	-0.499
58	4.56	0.555	4.57	1.337	4.58	2.119	4.59	2.900	4.60	2.790	4.61	2.681	4.62	2.410
59	4.64	0.318	4.65	-3.963	4.66	-3.537	4.67	-2.738	4.68	-1.940	4.69	-1.657	4.70	-1.374
60	4.72	-0.720	4.73	-0.348	4.74	-0.244	4.75	-0.140	4.76	-0.035	4.77	0.069	4.78	0.174
61	4.80	0.382	4.81	0.487	4.82	0.484	4.83	0.482	4.84	0.480	4.85	0.478	4.86	0.476
62	4.88	0.254	4.89	-0.016	4.90	-0.287	4.91	-0.576	4.92	-0.864	4.93	-1.152	4.94	-1.440
63	4.96	-0.981	4.97	-0.889	4.98	-0.628	4.99	-0.368	5.00	-0.100	5.01	0.165	5.02	0.429
64	5.04	0.531	5.05	0.582	5.06	0.633	5.07	0.791	5.08	0.949	5.09	1.107	5.10	1.265
65	5.12	-0.400	5.13	-2.611	5.14	-6.237	5.15	-4.842	5.16	-3.447	5.17	-2.052	5.18	-0.657
66	5.20	1.451	5.21	1.984	5.22	2.516	5.23	2.139	5.24	1.762	5.25	1.385	5.26	1.008
67	5.28	-4.670	5.29	-5.207	5.30	-5.495	5.31	-5.784	5.32	-6.071	5.33	-6.355	5.34	-6.640
68	5.36	1.089	5.37	0.871	5.38	0.654	5.39	0.437	5.40	0.220	5.41	0.003	5.42	-0.214
69	5.44	2.618	5.45	3.204	5.46	3.058	5.47	2.913	5.48	2.767	5.49	2.621	5.50	2.475
70	5.52	3.507	5.53	7.034	5.54	7.031	5.55	7.029	5.56	6.277	5.57	5.525	5.58	4.908
71	5.60	3.913	5.61	2.947	5.62	1.981	5.63	-0.750	5.64	-3.481	5.65	-5.089	5.66	-6.697
72	5.68	-0.559	5.69	-9.698	5.70	-2.922	5.71	3.669	5.72	4.416	5.73	5.162	5.74	5.909
73	5.76	8.657	5.77	9.432	5.78	10.499	5.79	11.555	5.80	10.626	5.81	9.687	5.82	8.748
74	5.84	6.530	5.85	5.451	5.86	4.371	5.87	3.292	5.88	2.213	5.89	1.134	5.90	0.055
75	5.92	-6.871	5.93	-5.911	5.94	-4.951	5.95	-3.996	5.96	-3.041	5.97	-2.086	5.98	-1.131
76	6.00	11.003	6.01	10.010	6.02	8.937	6.03	7.864	6.04	6.899	6.05	5.933	6.06	4.968
77	6.08	3.900	6.09	2.178	6.10	1.747	6.11	1.317	6.12	0.404	6.13	-0.509	6.14	-1.367
78	6.16	-3.084	6.17	-4.049	6.18	-5.014	6.19	-5.979	6.20	-6.944	6.21	-7.909	6.22	-8.874
79	6.24	2.354	6.25	4.386	6.26	7.913	6.27	7.910	6.28	7.478	6.29	6.673	6.30	5.868
80	6.32	4.164	6.33	3.399	6.34	2.648	6.35	1.904	6.36	1.210	6.37	0.516	6.38	-0.178
81	6.40	-9.672	6.41	-12.026	6.42	-7.535	6.43	-3.045	6.44	-1.444	6.45	-0.429	6.46	0.586
82	6.48	4.540	6.49	7.034	6.50	10.526	6.51	12.767	6.52	8.057	6.53	6.236	6.54	4.416
83	6.56	1.415	6.57	-0.087	6.58	-1.407	6.59	-2.716	6.60	-4.025	6.61	-5.334	6.62	-6.643
84	6.64	-18.402	6.65	-18.084	6.66	-17.765	6.67	-17.446	6.68	-17.127	6.69	-16.808	6.70	-16.489</

127	10.08	3.586	10.09	2.567	10.10	1.546	10.11	0.476	10.12	-2.735	10.13	-1.239	10.14	-0.172	10.15	0.894
128	10.16	1.605	10.17	2.316	10.18	3.028	10.19	4.735	10.20	4.518	10.21	3.731	10.22	2.944	10.23	2.157
129	10.24	-0.169	10.25	-0.167	10.26	-1.097	10.27	-2.027	10.28	-2.992	10.29	-3.957	10.30	-4.922	10.31	-4.550
130	10.32	2.754	10.42	3.753	10.34	3.327	10.35	2.991	10.36	1.835	10.37	-0.768	10.38	0.460	10.39	1.687
131	10.40	2.220	10.49	3.286	10.42	1.067	10.44	0.068	10.45	0.068	10.46	-2.659	10.48	-4.750	10.47	-3.842
132	10.48	-2.935	10.49	-1.546	10.50	-1.016	10.51	-0.883	10.52	-0.883	10.53	-0.883	10.54	-1.775	10.55	-2.731
133	10.56	-3.706	10.57	-4.807	10.58	-6.067	10.59	-7.139	10.60	-8.211	10.61	-9.283	10.62	-10.355	10.63	-11.427
134	10.64	-5.221	10.65	0.229	10.66	0.551	10.67	5.682	10.68	0.140	10.69	0.800	10.70	5.460	10.71	4.120
135	10.72	2.780	10.73	2.136	10.74	1.490	10.75	-0.110	10.76	-1.726	10.77	-3.762	10.78	-3.548	10.79	-2.552
136	10.80	-1.556	10.81	-0.561	10.82	-0.385	10.83	-0.209	10.84	-0.033	10.85	0.143	10.86	0.319	10.87	0.495
137	10.88	1.294	10.89	2.093	10.90	2.697	10.91	3.301	10.92	3.905	10.93	2.885	10.94	1.865	10.95	-0.596
138	10.96	1.089	10.97	7.208	10.98	6.908	10.99	6.604	11.00	6.302	11.01	6.000	11.02	5.697	11.03	4.464
139	11.04	3.231	11.05	2.159	11.06	1.088	11.07	3.439	11.08	5.369	11.09	4.108	11.10	2.857	11.11	1.606
140	11.12	0.712	11.13	-0.693	11.14	-1.077	11.15	-1.421	11.16	-1.766	11.17	-2.111	11.18	-2.456	11.19	-2.800
141	11.20	-2.482	11.21	-2.164	11.22	-1.845	11.23	-1.527	11.24	-1.208	11.25	-0.889	11.26	-0.570	11.27	-0.251
142	11.28	0.706	11.29	1.131	11.30	0.754	11.31	0.377	11.32	-0.001	11.33	-0.378	11.34	-0.759	11.35	-1.140
143	11.36	-2.233	11.37	-2.851	11.38	-4.459	11.39	-6.065	11.40	-7.671	11.41	-9.277	11.42	-10.883	11.43	-12.489
144	11.44	1.867	11.45	2.401	11.46	4.721	11.47	3.827	11.48	2.933	11.49	2.039	11.50	1.145	11.51	0.250
145	11.52	-0.644	11.53	-1.182	11.54	-1.720	11.55	-2.258	11.56	-2.796	11.57	-3.334	11.58	-3.872	11.59	-4.410
146	11.60	-1.843	11.61	-1.578	11.62	-1.313	11.63	-1.048	11.64	-0.783	11.65	-0.518	11.66	-0.253	11.67	0.012
147	11.68	1.027	11.69	2.226	11.70	2.624	11.71	3.022	11.72	3.420	11.73	3.818	11.74	4.216	11.75	4.614
148	11.76	-0.415	11.77	-1.354	11.78	-2.487	11.79	-3.620	11.80	-4.753	11.81	-5.886	11.82	-7.019	11.83	-8.152
149	11.84	-2.229	11.85	-2.124	11.86	-2.020	11.87	-1.916	11.88	-1.812	11.89	-1.708	11.90	-1.604	11.91	-1.500
150	11.92	-0.644	11.93	-0.469	11.94	-0.293	11.95	-0.117	11.96	0.059	11.97	0.235	11.98	0.411	11.99	0.587
151	12.00	1.046	12.01	0.347	12.02	-0.352	12.03	-0.889	12.04	-1.426	12.05	-1.963	12.06	-2.500	12.07	-3.037
152	12.08	-2.506	12.09	0.166	12.10	1.502	12.11	2.835	12.12	4.168	12.13	5.501	12.14	6.834	12.15	8.167
153	12.16	-0.602	12.17	-0.284	12.18	0.034	12.19	0.353	12.20	0.672	12.21	0.991	12.22	1.310	12.23	1.629
154	12.24	0.338	12.25	0.335	12.26	0.332	12.27	0.329	12.28	0.326	12.29	0.323	12.30	0.320	12.31	0.317
155	12.32	0.281	12.33	-0.079	12.34	-0.439	12.35	-0.799	12.36	-1.159	12.37	-1.519	12.38	-1.879	12.39	-2.239
156	12.40	-3.684	12.41	-3.596	12.42	-3.508	12.43	-3.420	12.44	-3.332	12.45	-3.244	12.46	-3.156	12.47	-3.068
157	12.48	-2.844	12.49	-2.833	12.50	-2.822	12.51	-2.811	12.52	-2.800	12.53	-2.789	12.54	-2.778	12.55	-2.767
158	12.56	-0.892	12.57	-0.956	12.58	-1.020	12.59	-1.084	12.60	-1.148	12.61	-1.212	12.62	-1.276	12.63	-1.340
159	12.64	-3.991	12.65	-4.482	12.66	-4.973	12.67	-5.464	12.68	-5.955	12.69	-6.446	12.70	-6.937	12.71	-7.428
160	12.72	-2.467	12.73	-2.068	12.74	-1.670	12.75	-1.272	12.76	-0.874	12.77	-0.476	12.78	-0.078	12.79	0.320
161	12.80	-1.444	12.81	-1.587	12.82	-1.730	12.83	-1.872	12.84	-2.015	12.85	-2.158	12.86	-2.300	12.87	-2.443
162	12.88	-2.586	12.89	-2.728	12.90	-2.870	12.91	-3.012	12.92	-3.154	12.93	-3.296	12.94	-3.438	12.95	-3.580
163	12.96	0.463	12.97	0.817	12.98	1.170	12.99	1.523	13.00	1.876	13.01	2.229	13.02	2.582	13.03	2.935
164	13.04	0.014	13.05	0.333	13.06	0.654	13.07	0.975	13.08	1.296	13.09	1.617	13.10	1.938	13.11	2.259
165	13.12	3.780	13.13	3.199	13.14	2.618	13.15	2.037	13.16	1.456	13.17	0.875	13.18	0.294	13.19	-0.287
166	13.20	-1.819	13.21	-0.687	13.22	-0.356	13.23	-0.025	13.24	0.306	13.25	0.627	13.26	0.948	13.27	1.269
167	13.28	-5.212	13.29	-5.262	13.30	-5.312	13.31	-5.362	13.32	-5.412	13.33	-5.462	13.34	-5.512	13.35	-5.562
168	13.36	-1.700	13.37	-1.302	13.38	-0.903	13.39	-0.504	13.40	-0.105	13.41	0.294	13.42	0.693	13.43	1.092
169	13.44	1.355	13.45	1.486	13.46	1.618	13.47	1.750	13.48	1.882	13.49	2.014	13.50	2.146	13.51	2.278
170	13.52	2.355	13.53	2.454	13.54	2.553	13.55	2.652	13.56	2.751	13.57	2.850	13.58	2.949	13.59	3.048
171	13.60	3.420	13.61	3.653	13.62	3.886	13.63	4.119	13.64	4.352	13.65	4.585	13.66	4.818	13.67	5.051
172	13.68	4.698	13.69	4.785	13.70	4.872	13.71	4.959	13.72	5.046	13.73	5.133	13.74	5.220	13.75	5.307
173	13.76	4.214	13.77	4.104	13.78	4.078	13.79	4.052	13.80	4.026	13.81	4.000	13.82	3.974	13.83	3.948
174	13.84	1.555	13.85	1.194	13.86	0.833	13.87	0.472	13.88	0.111	13.89	-0.250	13.90	-0.609	13.91	-0.968
175	13.92	-5.137	13.93	-4.695	13.94	-4.253	13.95	-3.811	13.96	-3.369	13.97	-2.927	13.98	-2.485	13.99	-2.043
176	14.00	-2.602	14.01	-1.160	14.02	-0.718	14.03	-0.276	14.04	0.166	14.05	0.607	14.06	1.048	14.07	1.489
177	14.08	-0.317	14.09	-0.626	14.10	-0.934	14.11	-1.242	14.12	-1.550	14.13	-1.858	14.14	-2.166	14.15	-2.474
178	14.16	-1.758	14.17	-1.424	14.18	-1.091	14.19	-0.757	14.20	-0.424	14.21	-0.090	14.22	0.243	14.23	0.575
179	14.24	0.506	14.25	0.638	14.26	0.769	14.27	0.901	14.28	1.032	14.29	1.164	14.30	1.296	14.31	1.428
180	14.32	1.909	14.33	1.950	14.34	1.990	14.35	2.031	14.36	2.071	14.37	2.112	14.38	2.152	14.39	2.193
181	14.40	0.733	14.41	0.581	14.42	0.428	14.43	0.276	14.44	0.124	14.45	-0.029	14.46	-0.181	14.47	-0.333
182	14.48	0.178	14.49	0.247	14.50	0.316	14.51	0.385	14.52	0.454	14.53	0.523	14.54	0.592	14.55	0.661
183	14.56	0.443	14.57	0.316	14.58	0.189	14.59	0.061	14.60	-0.066	14.61	-0.194	14.62	-0.322	14.63	-0.450
184	14.64	-0.343	14.65	-0.412	14.66	-0.481	14.67	-0.550	14.68	-0.619	14.69	-0.688	14.70	-0.757	14.71	-0.826
185	14.72	-1.819	14.73	-2.281	14.74	-2.743	14.75	-3.205	14.76	-3.667	14.77	-4.129	14.78	-4.591	14.79	-5.053
186	14.80	-0.100	14.81	0.150	14.82	0.400	14.83	0.650	14.84	0.900	14.85	1.150	14.86	1.400	14.87	1.650
187	14.88	1.112	14.89	1.395	14.90	1.678	14.91	1.961	14.92	2.244	14.93	2.527	14.94	2.810	14.95	3.093
188	14.96	-1.226	14.97	-1.782	14.98	-2.337	14.99	-2.892	15.00	-3.447	15.01	-4.002	15.02	-4.557	15.03	-5.112
189	15.04	-4.190	15.05	-4.005	15.06	-3.821	15.07	-3.637	15.08	-3.453	15.09	-3.269	15.10	-3.085	15.11	-2.901
190	15.12	-4.193	15.13	-4.255	15.14	-4.317	15.15	-4.379	15.16	-4.441	15.17	-4.503	15.18	-4.565	15.19	-4.627
191	15.20	-1.958	15.21	-2.188	15.22	-2.419	15.23	-2.649	15.24	-2.879	15.25	-3.109	15.26	-3.339	15.27	-3.569
192	15.28	-4.415	15.29	-4.953	15.30	-5.491	15.31	-6.029	15.32	-6.567	15.33	-7.105	15.34	-7.643	15.35	-8.181
193	15.36	-1.190	15.37	-0.836	15.38	-0.482	15.39	-0.128	15.40	0.226	15.41	0.570	15.42	0.914	15.43	1.258
194	15.44	0.658	15.45	0.889	15.46	1.120	15.47	1.351	15.48	1.582	15.49	1.813	15.50	2.044	15.51	2.275
195	15.52	1.306	15.53	1.271	15.54	1.236	15.55	1.201	15.56	1.166	15.57	1.131	15.58	1.096	15.59	1.061
196	15.60	1.025	15.61	0.990	15.62	0.955	15.63	0.920	15.64	0.885	15.65	0.850	15.66	0.815	15.67	0.780
197	15.68	0.743	15.69	0.708	15.70	0.673	15.71	0.638	15.72	0.603	15.73	0.568	15.74	0.533	15.75	0.498
198	15.76	0.462	15.77	0.427	15.78	0.392</										

Digitized Accelerogram of Earthquake Record with Index Number E-56 (12-2-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-1.299	0.01	0.980	0.02	3.259	0.03	1.303	0.04	-5.661	0.05	-11.699	0.06	-0.653	0.07	-3.616
2	0.01	-0.435	0.09	0.654	0.10	0.654	0.11	-2.019	0.12	-4.791	0.13	-3.684	0.14	-2.577	0.15	0.143
3	0.16	2.476	0.17	6.836	0.18	7.135	0.19	4.357	0.20	0.768	0.21	-4.458	0.22	-0.001	0.23	-2.346
4	0.24	1.309	0.25	2.823	0.26	-4.465	0.27	7.164	0.28	-4.901	0.29	-2.639	0.30	-0.394	0.31	-3.407
5	0.32	-6.687	0.33	-4.471	0.34	-0.268	0.35	-7.413	0.36	-5.268	0.37	-6.036	0.38	-0.005	0.39	-3.049
6	0.40	-0.820	0.41	-0.630	0.42	3.193	0.43	7.020	0.44	-8.399	0.45	-9.385	0.46	-10.126	0.47	-7.291
7	0.48	-4.455	0.49	-1.962	0.50	-2.949	0.51	-3.937	0.52	-4.665	0.53	-2.750	0.54	2.690	0.55	0.478
8	0.56	-1.733	0.57	7.362	0.58	5.104	0.59	-1.491	0.60	-9.380	0.61	-7.944	0.62	-6.559	0.63	-5.073
9	0.64	12.188	0.65	-8.379	0.66	-4.321	0.67	6.315	0.68	8.396	0.69	2.953	0.70	-2.466	0.71	-0.147
10	0.72	-10.400	0.73	1.670	0.74	1.670	0.75	1.670	0.76	-0.122	0.77	-2.433	0.78	-0.630	0.79	-5.153
11	0.80	2.609	0.81	2.627	0.82	4.471	0.83	2.180	0.84	5.063	0.85	1.607	0.86	0.064	0.87	-1.480
12	0.88	-1.223	0.89	4.471	0.90	-1.450	0.91	2.413	0.92	-0.192	0.93	-5.169	0.94	-7.479	0.95	-9.788
13	0.96	-7.692	0.97	-2.792	0.98	6.955	0.99	-4.532	1.00	-1.554	1.01	-5.448	1.02	-4.394	1.03	-3.340
14	1.04	5.612	1.05	4.471	1.06	0.403	1.07	-0.993	1.08	-3.582	1.09	-4.241	1.10	-4.901	1.11	-5.560
15	1.12	-3.676	1.13	-2.199	1.14	-1.450	1.15	-0.023	1.16	1.788	1.17	3.599	1.18	4.959	1.19	6.319
16	1.20	-4.575	1.21	-2.806	1.22	5.403	1.23	-0.053	1.24	0.754	1.25	-9.390	1.26	-6.599	1.27	-3.808
17	1.28	-7.767	1.29	-5.746	1.30	3.264	1.31	-0.427	1.32	-0.742	1.33	-1.026	1.34	-3.155	1.35	-4.457
18	1.36	5.801	1.37	6.955	1.38	3.277	1.39	0.861	1.40	-1.554	1.41	-5.448	1.42	-4.394	1.43	-3.340
19	1.44	-6.667	1.45	-5.599	1.46	-4.532	1.47	-3.582	1.48	-2.592	1.49	-1.600	1.50	-0.608	1.51	-0.608
20	1.52	-2.182	1.53	1.558	1.54	3.277	1.55	0.861	1.56	-1.554	1.57	-5.448	1.58	-4.394	1.59	-3.340
21	1.60	-2.266	1.61	-1.231	1.62	0.686	1.63	-2.806	1.64	3.757	1.65	4.910	1.66	5.917	1.67	6.922
22	1.68	1.798	1.69	0.403	1.70	-0.993	1.71	-1.450	1.72	-0.023	1.73	-0.993	1.74	-1.450	1.75	-1.908
23	1.76	-4.176	1.77	-2.792	1.78	6.955	1.79	-4.532	1.80	-3.582	1.81	-2.592	1.82	-1.600	1.83	-0.608
24	1.84	5.202	1.85	4.085	1.86	2.968	1.87	1.852	1.88	0.734	1.89	-0.389	1.90	-1.450	1.91	-2.511
25	1.92	1.874	1.93	3.305	1.94	5.403	1.95	-0.053	1.96	-0.754	1.97	-1.450	1.98	-2.182	1.99	-2.806
26	2.00	-7.039	2.01	-6.038	2.02	-5.037	2.03	-4.035	2.04	-3.034	2.05	-2.032	2.06	-1.031	2.07	-0.030
27	2.08	3.825	2.09	3.093	2.10	2.055	2.11	1.018	2.12	-0.020	2.13	-1.058	2.14	-2.099	2.15	-3.140
28	2.16	-4.219	2.17	-5.804	2.18	-7.389	2.19	-5.296	2.20	-3.204	2.21	-1.111	2.22	-0.882	2.23	-0.653
29	2.24	3.014	2.25	4.020	2.26	5.271	2.27	6.523	2.28	7.775	2.29	9.027	2.30	10.279	2.31	11.531
30	2.32	-4.176	2.33	-6.037	2.34	-7.898	2.35	-9.759	2.36	-11.620	2.37	-13.481	2.38	-15.342	2.39	-17.203
31	2.40	2.560	2.41	8.401	2.42	9.300	2.43	10.198	2.44	11.096	2.45	11.994	2.46	12.892	2.47	13.790
32	2.48	-0.689	2.49	-5.214	2.50	-9.739	2.51	-14.264	2.52	-18.789	2.53	-23.314	2.54	-27.839	2.55	-32.364
33	2.56	3.020	2.57	-2.111	2.58	-2.838	2.59	-3.565	2.60	-4.292	2.61	-5.019	2.62	-5.746	2.63	-6.473
34	2.64	-1.319	2.65	-1.548	2.66	-2.275	2.67	-3.002	2.68	-3.729	2.69	-4.456	2.70	-5.183	2.71	-5.910
35	2.72	-0.279	2.73	-1.889	2.74	-4.396	2.75	-6.903	2.76	-9.410	2.77	-11.917	2.78	-14.424	2.79	-16.931
36	2.80	-0.804	2.81	-6.743	2.82	-5.945	2.83	-5.147	2.84	-4.349	2.85	-3.551	2.86	-2.753	2.87	-1.955
37	2.88	3.127	2.89	5.148	2.90	7.169	2.91	9.190	2.92	11.211	2.93	13.232	2.94	15.253	2.95	17.274
38	2.96	-4.477	2.97	-3.270	2.98	-2.063	2.99	-0.856	3.00	0.351	3.01	1.553	3.02	2.755	3.03	3.957
39	3.04	-3.533	3.05	-2.805	3.06	-2.077	3.07	-1.349	3.08	-0.621	3.09	0.614	3.10	1.816	3.11	3.018
40	3.12	0.162	3.13	-3.160	3.14	-4.197	3.15	-5.234	3.16	-6.271	3.17	-7.308	3.18	-8.345	3.19	-9.382
41	3.20	-1.034	3.21	0.327	3.22	1.689	3.23	3.051	3.24	4.413	3.25	5.775	3.26	7.137	3.27	8.500
42	3.28	1.775	3.29	2.960	3.30	4.145	3.31	5.330	3.32	6.515	3.33	7.700	3.34	8.885	3.35	10.070
43	3.36	3.473	3.37	2.298	3.38	1.123	3.39	-0.052	3.40	-1.247	3.41	-2.440	3.42	-3.633	3.43	-4.826
44	3.44	-6.185	3.45	-5.310	3.46	-4.435	3.47	-3.560	3.48	-2.685	3.49	-1.810	3.50	-0.935	3.51	-0.060
45	3.52	3.239	3.53	3.084	3.54	2.929	3.55	2.774	3.56	2.619	3.57	2.464	3.58	2.309	3.59	2.154
46	3.60	4.983	3.61	3.740	3.62	2.497	3.63	1.254	3.64	0.011	3.65	-1.232	3.66	-2.475	3.67	-3.718
47	3.68	3.212	3.69	-3.585	3.70	-4.848	3.71	-6.111	3.72	-7.374	3.73	-8.637	3.74	-9.900	3.75	-11.163
48	3.76	-2.800	3.77	-2.608	3.78	-2.416	3.79	-2.224	3.80	-2.032	3.81	-1.840	3.82	-1.648	3.83	-1.456
49	3.84	2.111	3.85	-1.924	3.86	-3.137	3.87	-4.350	3.88	-5.563	3.89	-6.776	3.90	-7.989	3.91	-9.202
50	3.92	-1.034	3.93	0.618	3.94	2.232	3.95	3.846	3.96	5.460	3.97	7.074	3.98	8.688	3.99	10.302
51	4.00	6.511	4.01	-0.618	4.02	-1.624	4.03	-2.630	4.04	-3.636	4.05	-4.642	4.06	-5.648	4.07	-6.654
52	4.08	-3.120	4.09	-5.975	4.10	-8.830	4.11	-11.685	4.12	-14.540	4.13	-17.395	4.14	-20.250	4.15	-23.105
53	4.16	-7.557	4.17	-6.559	4.18	-5.561	4.19	-4.563	4.20	-3.565	4.21	-2.567	4.22	-1.569	4.23	-0.571
54	4.24	4.848	4.25	2.029	4.26	0.893	4.27	-0.203	4.28	-1.396	4.29	-2.589	4.30	-3.782	4.31	-4.975
55	4.32	-2.758	4.33	-0.893	4.34	-2.083	4.35	-3.273	4.36	-4.464	4.37	-5.654	4.38	-6.844	4.39	-8.034
56	4.40	1.086	4.41	-0.632	4.42	-1.209	4.43	-2.399	4.44	-3.589	4.45	-4.779	4.46	-5.969	4.47	-7.159
57	4.48	-1.375	4.49	-0.330	4.50	0.166	4.51	0.653	4.52	1.140	4.53	1.627	4.54	2.114	4.55	2.601
58	4.56	0.549	4.57	1.244	4.58	1.939	4.59	2.634	4.60	3.329	4.61	4.024	4.62	4.719	4.63	5.414
59	4.64	1.669	4.65	0.078	4.66	-0.657	4.67	-1.384	4.68	-2.111	4.69	-2.838	4.70	-3.565	4.71	-4.292
60	4.72	-3.066	4.73	-1.879	4.74	-0.692	4.75	0.505	4.76	1.718	4.77	2.931	4.78	4.144	4.79	5.357
61	4.80	4.595	4.81	3.593	4.82	2.591	4.83	1.589	4.84	0.587	4.85	-0.415	4.86	-1.628	4.87	-2.841
62	4.88	1.521	4.89	2.155	4.90	2.789	4.91	3.423	4.92	4.057	4.93	4.691	4.94	5.325	4.95	5.959
63	4.96	3.158	4.97	2.532	4.98	1.906	4.99	1.280	5.00	0.654	5.01	0.028	5.02	-0.608	5.03	-1.232
64	5.04	4.333	5.05	3.688	5.06	3.043	5.07	2.398	5.08	1.753	5.09	1.108	5.10	0.463	5.11	-0.182
65	5.12	5.612	5.13	4.967	5.14	4.322	5.15	3.677	5.16	3.032	5.17	2.387	5.18	1.742	5.19	1.097
66	5.20	1.292	5.21	2.599	5.22	3.906	5.23	5.213	5.24	6.520	5.25	7.827	5.26	9.134	5.27	10.441
67	5.28	-0.095	5.29	-0.027	5.30	0.304	5.31	1.106	5.32	2.318	5.33	3.530	5.34	4.742	5.35	5.954
68	5.36	-1.357	5.37	-0.522	5.38	0.304	5.39	1.106	5.40	2.318	5.41	3.530	5.42	4.742	5.43	5.954
69	5.44	1.042	5.45	-0.755	5.46	-1.893	5.47	-3.031	5.48	-4.169	5.49	-5.307	5.50	-6.445	5.51	-7.583
70	5.52	0.382	5.53	-0.175	5.54	-0.608	5.55	-1.242	5.56	-1.876	5.57	-2.510	5.58	-3.144	5.59	-3.778
71	5.60	-0.180	5.61	0.207	5.62	0.640	5.63	1.072	5.64	1.504	5.65	1.936	5.66	2.368	5.67	2.800
72	5.68	-3.216	5.69	-1.742	5.70	-0.268	5.71	0.935	5.72	2.148	5.73	3.361	5.74	4.574	5.75	5.787
73	5.76	2.493	5.77	2.475	5.78	2.456	5.79	2.437	5.80	2.418	5.81	2.399	5.82	2.380	5.83	2.361
74	5.84	2.560	5.85	1.448	5.86	0.336	5.87	-0.776	5.88	-1.914	5.89	-3.053	5.90	-4.191	5.91	-5.329
7																

127	10.60	-1.039	10.09	-0.294	10.10	0.207	10.11	1.207	10.12	2.206	10.13	3.206	10.14	4.203	10.15	4.649
128	10.16	5.093	10.17	5.337	10.18	5.980	10.19	4.220	10.20	3.201	10.21	2.354	10.22	1.417	10.23	1.605
129	10.24	1.953	10.25	2.221	10.26	2.488	10.27	2.756	10.28	3.024	10.29	3.292	10.30	3.560	10.31	3.828
130	10.32	1.181	10.33	-0.926	10.34	-1.199	10.35	-1.471	10.36	-1.743	10.37	-2.015	10.38	-2.287	10.39	-2.559
131	10.40	1.248	10.41	1.248	10.42	1.248	10.43	1.248	10.44	1.248	10.45	1.248	10.46	1.248	10.47	1.248
132	10.48	-1.481	10.49	-1.269	10.50	-1.057	10.51	-0.845	10.52	-0.633	10.53	-0.421	10.54	-0.209	10.55	-0.000
133	10.56	0.233	10.57	0.372	10.58	0.511	10.59	0.650	10.60	0.789	10.61	0.928	10.62	1.067	10.63	1.206
134	10.64	-3.840	10.65	-3.346	10.66	-2.852	10.67	-2.358	10.68	-1.864	10.69	-1.370	10.70	-0.876	10.71	-0.382
135	10.72	2.956	10.73	4.060	10.74	5.164	10.75	6.268	10.76	7.372	10.77	8.476	10.78	9.580	10.79	10.684
136	10.80	2.658	10.81	2.394	10.82	2.086	10.83	3.210	10.84	3.630	10.85	4.042	10.86	4.454	10.87	4.866
137	10.88	3.551	10.89	3.307	10.90	3.223	10.91	3.060	10.92	2.896	10.93	2.732	10.94	2.568	10.95	2.404
138	10.96	2.473	10.97	2.367	10.98	2.261	10.99	2.155	11.00	2.050	11.01	1.944	11.02	1.838	11.03	1.732
139	11.04	0.747	11.05	0.421	11.06	-0.126	11.07	-0.674	11.08	-1.222	11.09	-1.770	11.10	-2.318	11.11	-2.866
140	11.12	-2.958	11.13	-3.051	11.14	-3.144	11.15	-3.236	11.16	-3.328	11.17	-3.420	11.18	-3.512	11.19	-3.604
141	11.20	-1.800	11.21	-1.008	11.22	-0.252	11.23	0.402	11.24	1.155	11.25	1.908	11.26	2.661	11.27	3.414
142	11.28	2.040	11.29	2.097	11.30	1.725	11.31	1.353	11.32	1.032	11.33	0.711	11.34	0.390	11.35	0.069
143	11.36	1.243	11.37	1.296	11.38	1.348	11.39	1.401	11.40	1.454	11.41	1.507	11.42	1.560	11.43	1.613
144	11.44	1.426	11.45	1.430	11.46	1.435	11.47	1.440	11.48	1.445	11.49	1.450	11.50	1.455	11.51	1.460
145	11.52	0.545	11.53	0.320	11.54	0.095	11.55	-0.197	11.56	-0.490	11.57	-0.783	11.58	-1.076	11.59	-1.369
146	11.60	0.708	11.61	0.343	11.62	-0.023	11.63	-0.389	11.64	-0.755	11.65	-1.121	11.66	-1.487	11.67	-1.853
147	11.68	-2.713	11.69	-3.244	11.70	-3.774	11.71	-4.305	11.72	-4.836	11.73	-5.367	11.74	-5.898	11.75	-6.429
148	11.76	-2.523	11.77	-2.315	11.78	-2.106	11.79	-1.898	11.80	-1.689	11.81	-1.481	11.82	-1.272	11.83	-1.064
149	11.84	-1.138	11.85	-0.906	11.86	-0.674	11.87	-0.442	11.88	-0.210	11.89	0.021	11.90	0.253	11.91	0.485
150	11.92	0.301	11.93	0.608	11.94	0.915	11.95	1.222	11.96	1.529	11.97	1.836	11.98	2.143	11.99	2.450
151	12.00	1.989	12.01	2.174	12.02	2.359	12.03	2.544	12.04	2.729	12.05	2.914	12.06	3.099	12.07	3.284
152	12.08	2.954	12.09	2.935	12.10	2.734	12.11	2.532	12.12	2.331	12.13	2.130	12.14	1.928	12.15	1.727
153	12.16	1.565	12.17	1.384	12.18	1.202	12.19	1.021	12.20	0.839	12.21	0.658	12.22	0.477	12.23	0.296
154	12.24	0.915	12.25	0.999	12.26	1.082	12.27	1.165	12.28	1.249	12.29	1.332	12.30	1.415	12.31	1.498
155	12.32	1.276	12.33	1.054	12.34	0.832	12.35	0.610	12.36	0.388	12.37	0.166	12.38	-0.056	12.39	-0.278
156	12.40	-1.922	12.41	-2.036	12.42	-2.149	12.43	-2.263	12.44	-2.377	12.45	-2.490	12.46	-2.604	12.47	-2.717
157	12.48	-2.831	12.49	-2.944	12.50	-3.057	12.51	-3.170	12.52	-3.283	12.53	-3.396	12.54	-3.509	12.55	-3.622
158	12.56	-1.402	12.57	-1.002	12.58	-0.602	12.59	-0.202	12.60	0.198	12.61	0.598	12.62	0.998	12.63	1.398
159	12.64	1.580	12.65	1.764	12.66	1.948	12.67	2.132	12.68	2.316	12.69	2.500	12.70	2.684	12.71	2.868
160	12.72	1.834	12.73	1.713	12.74	1.592	12.75	1.471	12.76	1.350	12.77	1.229	12.78	1.108	12.79	1.000
161	12.80	0.222	12.81	-0.028	12.82	-0.278	12.83	-0.528	12.84	-0.778	12.85	-1.028	12.86	-1.278	12.87	-1.528
162	12.88	-0.985	12.89	-0.809	12.90	-0.633	12.91	-0.457	12.92	-0.281	12.93	-0.105	12.94	0.071	12.95	0.247
163	12.96	0.610	12.97	0.820	12.98	1.031	12.99	1.241	13.00	1.451	13.01	1.661	13.02	1.871	13.03	2.081
164	13.04	1.404	13.05	1.466	13.06	1.528	13.07	1.590	13.08	1.652	13.09	1.714	13.10	1.776	13.11	1.838
165	13.12	0.311	13.13	0.049	13.14	-0.213	13.15	-0.475	13.16	-0.737	13.17	-1.000	13.18	-1.262	13.19	-1.524
166	13.20	-0.971	13.21	-0.809	13.22	-0.647	13.23	-0.485	13.24	-0.323	13.25	-0.161	13.26	0.001	13.27	0.163
167	13.28	0.277	13.29	0.329	13.30	0.381	13.31	0.433	13.32	0.485	13.33	0.537	13.34	0.589	13.35	0.641
168	13.36	0.845	13.37	0.973	13.38	1.101	13.39	1.229	13.40	1.357	13.41	1.485	13.42	1.613	13.43	1.741
169	13.44	1.867	13.45	1.994	13.46	2.122	13.47	2.250	13.48	2.378	13.49	2.506	13.50	2.634	13.51	2.762
170	13.52	2.886	13.53	1.828	13.54	1.559	13.55	1.291	13.56	1.023	13.57	0.755	13.58	0.487	13.59	0.219
171	13.60	-0.050	13.61	-0.318	13.62	-0.586	13.63	-0.854	13.64	-1.122	13.65	-1.390	13.66	-1.658	13.67	-1.926
172	13.68	-0.411	13.69	-0.344	13.70	-0.276	13.71	-0.208	13.72	-0.140	13.73	-0.072	13.74	0.000	13.75	0.072
173	13.76	-2.607	13.77	-2.804	13.78	-3.002	13.79	-3.199	13.80	-3.396	13.81	-3.593	13.82	-3.790	13.83	-3.987
174	13.84	-1.893	13.85	-1.632	13.86	-1.371	13.87	-1.110	13.88	-0.849	13.89	-0.588	13.90	-0.327	13.91	-0.066
175	13.92	0.843	13.93	0.279	13.94	-0.285	13.95	-0.751	13.96	-1.217	13.97	-1.683	13.98	-2.149	13.99	-2.615
176	14.00	1.931	14.01	1.400	14.02	0.869	14.03	0.338	14.04	-0.193	14.05	-0.659	14.06	-1.125	14.07	-1.591
177	14.08	1.022	14.09	1.158	14.10	1.294	14.11	1.430	14.12	1.566	14.13	1.702	14.14	1.838	14.15	1.974
178	14.16	1.219	14.17	0.873	14.18	0.527	14.19	0.182	14.20	-0.173	14.21	-0.428	14.22	-0.683	14.23	-0.938
179	14.24	0.404	14.25	0.449	14.26	0.494	14.27	0.538	14.28	0.582	14.29	0.626	14.30	0.670	14.31	0.714
180	14.32	0.760	14.33	0.804	14.34	0.849	14.35	0.893	14.36	0.938	14.37	0.982	14.38	1.026	14.39	1.070
181	14.40	1.116	14.41	1.160	14.42	1.205	14.43	1.250	14.44	1.294	14.45	1.338	14.46	1.382	14.47	1.426
182	14.48	1.268	14.49	1.279	14.50	1.289	14.51	1.300	14.52	1.310	14.53	1.321	14.54	1.331	14.55	1.342
183	14.56	-0.041	14.57	-0.495	14.58	-0.949	14.59	-1.403	14.60	-1.857	14.61	-2.311	14.62	-2.765	14.63	-3.219
184	14.64	-1.727	14.65	-1.526	14.66	-1.325	14.67	-1.124	14.68	-0.923	14.69	-0.722	14.70	-0.521	14.71	-0.320
185	14.72	-0.511	14.73	-0.355	14.74	-0.200	14.75	-0.045	14.76	0.110	14.77	0.265	14.78	0.420	14.79	0.575
186	14.80	0.808	14.81	0.632	14.82	0.456	14.83	0.280	14.84	0.104	14.85	-0.072	14.86	-0.246	14.87	-0.420
187	14.88	0.320	14.89	0.337	14.90	0.353	14.91	0.370	14.92	0.386	14.93	0.403	14.94	0.419	14.95	0.435
188	14.96	0.453	14.97	0.470	14.98	0.486	14.99	0.503	15.00	0.520	15.01	0.536	15.02	0.552	15.03	0.568
189	15.04	0.600	15.05	0.620	15.06	0.639	15.07	0.658	15.08	0.677	15.09	0.696	15.10	0.715	15.11	0.734
190	15.12	-1.276	15.13	-1.585	15.14	-1.894	15.15	-2.203	15.16	-2.512	15.17	-2.821	15.18	-3.130	15.19	-3.439
191	15.20	-3.209	15.21	-2.979	15.22	-2.749	15.23	-2.520	15.24	-2.290	15.25	-2.060	15.26	-1.830	15.27	-1.601
192	15.28	-1.371	15.29	-1.153	15.30	-0.935	15.31	-0.717	15.32	-0.499	15.33	-0.281	15.34	-0.063	15.35	0.155
193	15.36	0.376	15.37	0.594	15.38	0.812	15.39	1.031	15.40	1.249	15.41	1.467	15.42	1.685	15.43	1.903
194	15.44	1.048	15.45	0.998	15.46	0.948	15.47	0.898	15.48	0.848	15.49	0.798	15.50	0.748	15.51	0.698
195	15.52	0.657	15.53	0.597	15.54	0.537	15.55	0.477	15.56	0.417	15.57	0.357	15.58	0.297	15.59	0.237
196	15.60	0.267	15.61	0.307	15.62	0.347	15.63	0.387	15.64	0.427	15.65	0.467	15.66	0.507	15.67	0.547
197	15.68	0.618	15.69	0.735	15.70	0.852	15.71	0.970	15.72	1.087	15.73	1.204	15.74	1.321	15.75	1.438
198	15.76	1.337	15.77	1.344	15.78	1.352										

Digitized Accelerogram of Earthquake Record with Index Number E-57 (13-1-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-7.936	0.01	-7.666	0.02	-7.396	0.03	-7.126	0.04	-6.856	0.05	-6.586	0.06	-6.316	0.07	-6.046
2	0.08	-6.085	0.09	-6.124	0.10	-6.164	0.11	-6.203	0.12	-6.242	0.13	-6.281	0.14	-6.321	0.15	-6.360
3	0.16	-6.400	0.17	-6.439	0.18	-6.478	0.19	-6.517	0.20	-6.556	0.21	-6.595	0.22	-6.634	0.23	-6.673
4	0.24	-6.712	0.25	-6.751	0.26	-6.790	0.27	-6.829	0.28	-6.868	0.29	-6.907	0.30	-6.946	0.31	-6.985
5	0.32	-7.023	0.33	-7.062	0.34	-7.101	0.35	-7.140	0.36	-7.179	0.37	-7.218	0.38	-7.257	0.39	-7.296
6	0.40	-7.337	0.41	-7.376	0.42	-7.415	0.43	-7.454	0.44	-7.493	0.45	-7.532	0.46	-7.571	0.47	-7.610
7	0.48	-7.649	0.49	-7.688	0.50	-7.727	0.51	-7.766	0.52	-7.805	0.53	-7.844	0.54	-7.883	0.55	-7.922
8	0.56	-7.961	0.57	-8.000	0.58	-8.039	0.59	-8.078	0.60	-8.117	0.61	-8.156	0.62	-8.195	0.63	-8.234
9	0.64	-8.273	0.65	-8.312	0.66	-8.351	0.67	-8.390	0.68	-8.429	0.69	-8.468	0.70	-8.507	0.71	-8.546
10	0.72	-8.585	0.73	-8.624	0.74	-8.663	0.75	-8.702	0.76	-8.741	0.77	-8.780	0.78	-8.819	0.79	-8.858
11	0.80	-8.896	0.81	-8.935	0.82	-8.974	0.83	-9.013	0.84	-9.052	0.85	-9.091	0.86	-9.130	0.87	-9.169
12	0.88	-9.207	0.89	-9.246	0.90	-9.285	0.91	-9.324	0.92	-9.363	0.93	-9.402	0.94	-9.441	0.95	-9.480
13	0.96	-9.519	0.97	-9.558	0.98	-9.597	0.99	-9.636	1.00	-9.675	1.01	-9.714	1.02	-9.753	1.03	-9.792
14	1.04	-9.831	1.05	-9.870	1.06	-9.909	1.07	-9.948	1.08	-9.987	1.09	-10.026	1.10	-10.065	1.11	-10.104
15	1.12	-10.143	1.13	-10.182	1.14	-10.221	1.15	-10.260	1.16	-10.299	1.17	-10.338	1.18	-10.377	1.19	-10.416
16	1.20	-10.455	1.21	-10.494	1.22	-10.533	1.23	-10.572	1.24	-10.611	1.25	-10.650	1.26	-10.689	1.27	-10.728
17	1.28	-10.767	1.29	-10.806	1.30	-10.845	1.31	-10.884	1.32	-10.923	1.33	-10.962	1.34	-11.001	1.35	-11.040
18	1.36	-11.079	1.37	-11.118	1.38	-11.157	1.39	-11.196	1.40	-11.235	1.41	-11.274	1.42	-11.313	1.43	-11.352
19	1.44	-11.391	1.45	-11.430	1.46	-11.469	1.47	-11.508	1.48	-11.547	1.49	-11.586	1.50	-11.625	1.51	-11.664
20	1.52	-11.703	1.53	-11.742	1.54	-11.781	1.55	-11.820	1.56	-11.859	1.57	-11.898	1.58	-11.937	1.59	-11.976
21	1.60	-12.014	1.61	-12.053	1.62	-12.092	1.63	-12.131	1.64	-12.170	1.65	-12.209	1.66	-12.248	1.67	-12.287
22	1.68	-12.325	1.69	-12.364	1.70	-12.403	1.71	-12.442	1.72	-12.481	1.73	-12.520	1.74	-12.559	1.75	-12.598
23	1.76	-12.636	1.77	-12.675	1.78	-12.714	1.79	-12.753	1.80	-12.792	1.81	-12.831	1.82	-12.870	1.83	-12.909
24	1.84	-12.947	1.85	-12.986	1.86	-13.025	1.87	-13.064	1.88	-13.103	1.89	-13.142	1.90	-13.181	1.91	-13.220
25	1.92	-13.258	1.93	-13.297	1.94	-13.336	1.95	-13.375	1.96	-13.414	1.97	-13.453	1.98	-13.492	1.99	-13.531
26	2.00	-13.569	2.01	-13.608	2.02	-13.647	2.03	-13.686	2.04	-13.725	2.05	-13.764	2.06	-13.803	2.07	-13.842
27	2.08	-13.880	2.09	-13.919	2.10	-13.958	2.11	-13.997	2.12	-14.036	2.13	-14.075	2.14	-14.114	2.15	-14.153
28	2.16	-14.192	2.17	-14.231	2.18	-14.270	2.19	-14.309	2.20	-14.348	2.21	-14.387	2.22	-14.426	2.23	-14.465
29	2.24	-14.503	2.25	-14.542	2.26	-14.581	2.27	-14.620	2.28	-14.659	2.29	-14.698	2.30	-14.737	2.31	-14.776
30	2.32	-14.814	2.33	-14.853	2.34	-14.892	2.35	-14.931	2.36	-14.970	2.37	-15.009	2.38	-15.048	2.39	-15.087
31	2.40	-15.125	2.41	-15.164	2.42	-15.203	2.43	-15.242	2.44	-15.281	2.45	-15.320	2.46	-15.359	2.47	-15.398
32	2.48	-15.436	2.49	-15.475	2.50	-15.514	2.51	-15.553	2.52	-15.592	2.53	-15.631	2.54	-15.670	2.55	-15.709
33	2.56	-15.747	2.57	-15.786	2.58	-15.825	2.59	-15.864	2.60	-15.903	2.61	-15.942	2.62	-15.981	2.63	-16.020
34	2.64	-16.058	2.65	-16.097	2.66	-16.136	2.67	-16.175	2.68	-16.214	2.69	-16.253	2.70	-16.292	2.71	-16.331
35	2.72	-16.369	2.73	-16.408	2.74	-16.447	2.75	-16.486	2.76	-16.525	2.77	-16.564	2.78	-16.603	2.79	-16.642
36	2.80	-16.680	2.81	-16.719	2.82	-16.758	2.83	-16.797	2.84	-16.836	2.85	-16.875	2.86	-16.914	2.87	-16.953
37	2.88	-16.991	2.89	-17.030	2.90	-17.069	2.91	-17.108	2.92	-17.147	2.93	-17.186	2.94	-17.225	2.95	-17.264
38	2.96	-17.302	2.97	-17.341	2.98	-17.380	2.99	-17.419	3.00	-17.458	3.01	-17.497	3.02	-17.536	3.03	-17.575
39	3.04	-17.613	3.05	-17.652	3.06	-17.691	3.07	-17.730	3.08	-17.769	3.09	-17.808	3.10	-17.847	3.11	-17.886
40	3.12	-17.924	3.13	-17.963	3.14	-18.002	3.15	-18.041	3.16	-18.080	3.17	-18.119	3.18	-18.158	3.19	-18.197
41	3.20	-18.235	3.21	-18.274	3.22	-18.313	3.23	-18.352	3.24	-18.391	3.25	-18.430	3.26	-18.469	3.27	-18.508
42	3.28	-18.546	3.29	-18.585	3.30	-18.624	3.31	-18.663	3.32	-18.702	3.33	-18.741	3.34	-18.780	3.35	-18.819
43	3.36	-18.857	3.37	-18.896	3.38	-18.935	3.39	-18.974	3.40	-19.013	3.41	-19.052	3.42	-19.091	3.43	-19.130
44	3.44	-19.168	3.45	-19.207	3.46	-19.246	3.47	-19.285	3.48	-19.324	3.49	-19.363	3.50	-19.402	3.51	-19.441
45	3.52	-19.479	3.53	-19.518	3.54	-19.557	3.55	-19.596	3.56	-19.635	3.57	-19.674	3.58	-19.713	3.59	-19.752
46	3.60	-19.790	3.61	-19.829	3.62	-19.868	3.63	-19.907	3.64	-19.946	3.65	-19.985	3.66	-20.024	3.67	-20.063
47	3.68	-20.101	3.69	-20.140	3.70	-20.179	3.71	-20.218	3.72	-20.257	3.73	-20.296	3.74	-20.335	3.75	-20.374
48	3.76	-20.412	3.77	-20.451	3.78	-20.490	3.79	-20.529	3.80	-20.568	3.81	-20.607	3.82	-20.646	3.83	-20.685
49	3.84	-20.724	3.85	-20.763	3.86	-20.802	3.87	-20.841	3.88	-20.880	3.89	-20.919	3.90	-20.958	3.91	-20.997
50	3.92	-21.037	3.93	-21.076	3.94	-21.115	3.95	-21.154	3.96	-21.193	3.97	-21.232	3.98	-21.271	3.99	-21.310
51	4.00	-21.349	4.01	-21.388	4.02	-21.427	4.03	-21.466	4.04	-21.505	4.05	-21.544	4.06	-21.583	4.07	-21.622
52	4.08	-21.661	4.09	-21.700	4.10	-21.739	4.11	-21.778	4.12	-21.817	4.13	-21.856	4.14	-21.895	4.15	-21.934
53	4.16	-21.973	4.17	-22.012	4.18	-22.051	4.19	-22.090	4.20	-22.129	4.21	-22.168	4.22	-22.207	4.23	-22.246
54	4.24	-22.285	4.25	-22.324	4.26	-22.363	4.27	-22.402	4.28	-22.441	4.29	-22.480	4.30	-22.519	4.31	-22.558
55	4.32	-22.597	4.33	-22.636	4.34	-22.675	4.35	-22.714	4.36	-22.753	4.37	-22.792	4.38	-22.831	4.39	-22.870
56	4.40	-22.908	4.41	-22.947	4.42	-22.986	4.43	-23.025	4.44	-23.064	4.45	-23.103	4.46	-23.142	4.47	-23.181
57	4.48	-23.220	4.49	-23.259	4.50	-23.298	4.51	-23.337	4.52	-23.376	4.53	-23.415	4.54	-23.454	4.55	-23.493
58	4.56	-23.532	4.57	-23.571	4.58	-23.610	4.59	-23.649	4.60	-23.688	4.61	-23.727	4.62	-23.766	4.63	-23.805
59	4.64	-23.844	4.65	-23.883	4.66	-23.922	4.67	-23.961	4.68	-24.000	4.69	-24.039	4.70	-24.078	4.71	-24.117
60	4.72	-24.156	4.73	-24.195	4.74	-24.234	4.75	-24.273	4.76	-24.312	4.77	-24.351	4.78	-24.390	4.79	-24.429
61	4.80	-24.468	4.81	-24.507	4.82	-24.546	4.83	-24.585	4.84	-24.624	4.85	-24.663	4.86	-24.702	4.87	-24.741
62	4.88	-24.780	4.89	-24.819	4.90	-24.858	4.91	-24.897	4.92	-24.936	4.93	-24.975	4.94	-25.014	4.95	-25.053
63	4.96	-25.092	4.97	-25.131	4.98	-25.170	4.99	-25.209	5.00	-25.248	5.01	-25.287	5.02	-25.326	5.03	-25.365
64	5.04	-25.403	5.05	-25.442	5.06	-25.481	5.07	-25.520	5.08	-25.559	5.09	-25.598	5.10	-25.637	5.11	-25.676
65	5.12	-25.715	5.13	-25.754	5.14	-25.793	5.15	-25.832	5.16	-25.871	5.17	-25.910	5.18	-25.949	5.19	-25.988
66	5.20	-26.027	5.21	-26.066	5.22	-26.105	5.23	-26.144	5.24	-26.183	5.25	-26.222	5.26	-26.261	5.27	-26.300
67	5.28	-26.339	5.29	-26.378	5.30	-26.417	5.31	-26.456	5.32	-26.495	5.33	-26.534	5.34	-26.573	5.35	-26.612
68	5.36	-26.651	5.37	-26.690	5.38	-26.729	5.39	-26.768	5.40	-26.807	5.41	-26.846	5.42	-26.885	5.43	-26.924
69	5.44	-26.963	5.45	-27.002	5.46	-27.041	5.47	-27.080	5.48	-27.119	5.49	-27.158	5.50	-27.197	5.51	-27.236
70	5.52	-27.275	5.53	-27.314	5.54	-27.353	5.55	-27.392	5.56	-27.431	5.57	-27.470	5.58	-27.509	5.59	-27.548
71	5.60	-27.587	5.61	-27.626	5.62	-27.665	5.63	-27.704	5.64	-27.743	5.65	-27.782	5.66	-27.821	5.67	-27.860
72	5.68	-27.899	5.69	-27.938	5.70	-27.977	5.7									

Digitized Accelerogram of Earthquake Record with Index Number E-58 (13-1-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-4.054	0.01	-4.484	0.02	-4.015	0.03	-3.345	0.04	-4.491	0.05	-3.637	0.06	-3.945	0.07	-4.252
2	0.08	-4.559	0.09	-4.867	0.10	-5.174	0.11	-5.481	0.12	-5.495	0.13	-5.509	0.14	-5.523	0.15	-5.536
3	0.16	-5.739	0.17	-5.941	0.18	-6.144	0.19	-6.346	0.20	-6.463	0.21	-6.634	0.22	-6.821	0.23	-6.999
4	0.24	-7.428	0.25	-8.196	0.26	-8.963	0.27	-9.727	0.28	-4.493	0.29	-2.762	0.30	-4.521	0.31	-6.290
5	0.32	-8.308	0.33	-7.819	0.34	-6.581	0.35	-3.355	0.36	-3.869	0.37	-3.883	0.38	-4.643	0.39	-5.164
6	0.40	-5.922	0.41	-4.190	0.42	-4.190	0.43	-0.973	0.44	-0.495	0.45	-2.261	0.46	-2.277	0.47	-4.042
7	0.48	-4.059	0.49	-3.571	0.50	-4.836	0.51	-3.602	0.52	-4.118	0.53	-4.875	0.54	-1.896	0.55	-1.162
8	0.56	-2.920	0.57	-1.201	0.58	-1.208	0.59	-0.724	0.60	-1.243	0.61	-2.509	0.62	-3.775	0.63	-6.791
9	0.64	-4.552	0.65	-2.062	0.66	-0.839	0.67	-1.358	0.68	-1.868	0.69	-2.632	0.70	-0.897	0.71	-1.412
10	0.72	-2.675	0.73	-2.689	0.74	1.034	0.75	-2.857	0.76	-0.256	0.77	-0.254	0.78	-1.527	0.79	-2.037
11	0.80	-4.549	0.81	1.424	0.82	0.414	0.83	-2.598	0.84	-3.368	0.85	-2.376	0.86	-0.394	0.87	-1.667
12	0.88	-1.676	0.89	-1.691	0.90	-0.461	0.91	-2.598	0.92	-4.735	0.93	-4.752	0.94	-4.270	0.95	-2.538
13	0.96	1.195	0.97	1.186	0.98	-0.461	0.99	-1.853	1.00	-1.362	1.01	-0.636	1.02	-1.152	1.03	-1.537
14	1.04	-1.922	1.05	-0.696	1.06	-1.963	1.07	-1.482	1.08	0.133	1.09	1.747	1.10	1.733	1.11	-0.038
15	1.12	-0.002	1.13	-2.065	1.14	-1.575	1.15	0.402	1.16	1.643	1.17	2.128	1.18	1.612	1.19	1.591
16	1.20	1.580	1.21	2.060	1.22	2.049	1.23	1.034	1.24	-0.607	1.25	-2.247	1.26	-2.261	1.27	-0.532
17	1.28	1.456	1.29	1.439	1.30	3.918	1.31	5.150	1.32	4.266	1.33	3.382	1.34	3.865	1.35	1.342
18	1.36	1.075	1.37	-1.192	1.38	-2.459	1.39	-3.054	1.40	-3.648	1.41	-4.243	1.42	-3.133	1.43	-2.023
19	1.44	-0.046	1.45	-1.326	1.46	-1.965	1.47	-1.965	1.48	-2.804	1.49	-2.370	1.50	-2.370	1.51	-2.153
20	1.52	-2.171	1.53	-1.167	1.54	-0.203	1.55	-0.217	1.56	-0.232	1.57	0.005	1.58	0.241	1.59	-0.278
21	1.60	-0.797	1.61	-0.647	1.62	-0.497	1.63	-0.907	1.64	4.643	1.65	-0.039	1.66	0.114	1.67	-1.653
22	1.68	-3.421	1.69	-2.560	1.70	-1.699	1.71	-1.721	1.72	-1.735	1.73	-1.748	1.74	-2.263	1.75	-2.284
23	1.76	-1.170	1.77	-0.057	1.78	0.677	1.79	1.080	1.80	1.463	1.81	1.085	1.82	1.684	1.83	1.850
24	1.84	1.838	1.85	1.313	1.86	1.793	1.87	1.781	1.88	2.021	1.89	2.261	1.90	1.238	1.91	-0.029
25	1.92	-0.791	1.93	-0.807	1.94	-0.322	1.95	-0.341	1.96	0.394	1.97	-0.877	1.98	-0.890	1.99	-0.904
26	2.00	-0.917	2.01	-0.930	2.02	-0.700	2.03	-0.470	2.04	-0.584	2.05	-0.697	2.06	-0.811	2.07	-0.924
27	2.08	-1.038	2.09	-1.223	2.10	-1.407	2.11	-1.592	2.12	-1.275	2.13	-0.958	2.14	-0.640	2.15	-0.402
28	2.16	-0.164	2.17	0.074	2.18	1.301	2.19	3.159	2.20	5.015	2.21	5.416	2.22	5.817	2.23	6.217
29	2.24	6.535	2.25	6.853	2.26	7.171	2.27	7.497	2.28	7.823	2.29	8.149	2.30	8.475	2.31	8.801
30	2.32	-0.414	2.33	-0.097	2.34	0.219	2.35	0.536	2.36	0.772	2.37	1.008	2.38	1.244	2.39	1.480
31	2.40	1.716	2.41	1.599	2.42	1.482	2.43	1.365	2.44	1.248	2.45	1.131	2.46	1.014	2.47	0.897
32	2.48	0.549	2.49	0.355	2.50	0.161	2.51	-0.032	2.52	-0.226	2.53	-0.420	2.54	-0.614	2.55	-0.808
33	2.56	0.431	2.57	0.595	2.58	0.760	2.59	0.925	2.60	1.090	2.61	1.254	2.62	1.418	2.63	1.582
34	2.64	0.847	2.65	-0.426	2.66	-0.191	2.67	0.044	2.68	0.407	2.69	0.770	2.70	1.133	2.71	1.496
35	2.72	-1.789	2.73	-2.305	2.74	-2.821	2.75	-3.337	2.76	-3.853	2.77	-4.369	2.78	-4.885	2.79	-5.401
36	2.80	4.441	2.81	4.325	2.82	4.308	2.83	4.291	2.84	4.274	2.85	4.257	2.86	4.240	2.87	4.223
37	2.88	4.220	2.89	4.203	2.90	4.186	2.91	4.169	2.92	4.152	2.93	4.135	2.94	4.118	2.95	4.101
38	2.96	1.470	2.97	2.084	2.98	2.698	2.99	3.312	3.00	3.926	3.01	4.540	3.02	5.154	3.03	5.768
39	3.04	0.227	3.05	0.718	3.06	1.209	3.07	1.700	3.08	2.291	3.09	2.882	3.10	3.473	3.11	4.064
40	3.12	3.017	3.13	3.419	3.14	3.821	3.15	4.223	3.16	4.625	3.17	5.027	3.18	5.429	3.19	5.831
41	3.20	2.481	3.21	2.464	3.22	2.447	3.23	2.430	3.24	2.413	3.25	2.396	3.26	2.379	3.27	2.362
42	3.28	0.356	3.29	0.343	3.30	0.331	3.31	0.318	3.32	0.306	3.33	0.293	3.34	0.280	3.35	0.267
43	3.36	3.986	3.37	3.969	3.38	3.953	3.39	3.936	3.40	3.919	3.41	3.902	3.42	3.885	3.43	3.868
44	3.44	2.114	3.45	2.101	3.46	2.088	3.47	2.075	3.48	2.062	3.49	2.049	3.50	2.036	3.51	2.023
45	3.48	-0.251	3.49	0.813	3.50	1.876	3.51	2.940	3.52	4.004	3.53	5.068	3.54	6.132	3.55	7.196
46	3.56	3.669	3.57	3.651	3.58	3.634	3.59	3.617	3.60	3.600	3.61	3.583	3.62	3.566	3.63	3.549
47	3.68	-3.258	3.69	-0.769	3.70	1.719	3.71	2.874	3.72	4.029	3.73	5.184	3.74	6.339	3.75	7.494
48	3.76	-0.378	3.77	0.360	3.78	1.587	3.79	2.742	3.80	3.897	3.81	5.052	3.82	6.207	3.83	7.362
49	3.84	4.506	3.85	6.489	3.86	8.472	3.87	10.455	3.88	12.438	3.89	14.421	3.90	16.404	3.91	18.387
50	3.92	13.120	3.93	13.355	3.94	9.590	3.95	5.078	3.96	3.816	3.97	3.802	3.98	3.788	3.99	3.774
51	4.00	-15.257	4.01	-16.514	4.02	-17.022	4.03	-12.298	4.04	-7.061	4.05	-1.420	4.06	-14.225	4.07	-12.481
52	4.08	-6.383	4.09	-12.897	4.10	-18.410	4.11	-19.679	4.12	-18.685	4.13	-14.950	4.14	-11.225	4.15	-7.499
53	4.16	-6.243	4.17	13.482	4.18	24.964	4.19	36.195	4.20	36.934	4.21	35.174	4.22	32.407	4.23	29.640
54	4.24	-4.133	4.25	-1.644	4.26	-2.152	4.27	-1.164	4.28	5.805	4.29	5.299	4.30	4.027	4.31	0.761
55	4.28	-4.133	4.29	-4.763	4.30	-4.281	4.31	-4.798	4.32	-9.319	4.33	-12.581	4.34	-20.102	4.35	-21.558
56	4.40	-22.629	4.41	-18.392	4.42	-17.900	4.43	-14.685	4.44	-9.187	4.45	-6.693	4.46	-11.035	4.47	-25.760
57	4.48	36.494	4.49	38.485	4.50	38.472	4.51	38.472	4.52	25.741	4.53	18.607	4.54	11.908	4.55	-3.369
58	4.56	-12.381	4.57	-17.893	4.58	-17.903	4.59	-15.672	4.60	-13.629	4.61	-10.700	4.62	-7.460	4.63	-1.982
59	4.64	1.748	4.65	6.488	4.66	6.466	4.67	4.701	4.68	-7.820	4.69	-13.830	4.70	-16.350	4.71	-18.870
60	4.72	-15.114	4.73	-3.686	4.74	6.347	4.75	11.332	4.76	13.059	4.77	15.049	4.78	15.041	4.79	15.025
61	4.80	15.008	4.81	11.242	4.82	6.227	4.83	-3.051	4.84	-5.567	4.85	-6.329	4.86	-5.844	4.87	-5.862
62	4.88	-8.126	4.89	-8.136	4.90	-8.143	4.91	-3.914	4.92	0.312	4.93	2.804	4.94	7.794	4.95	8.520
63	4.96	8.508	4.97	7.242	4.98	2.975	4.99	0.943	5.00	-2.061	5.01	-2.827	5.02	-4.094	5.03	-5.854
64	5.04	-8.363	5.05	-6.129	5.06	-6.139	5.07	0.839	5.08	4.572	5.09	5.805	5.10	5.795	5.11	4.032
65	5.12	2.016	5.13	-0.753	5.14	-0.019	5.15	-6.876	5.16	-6.916	5.17	-3.052	5.18	-4.921	5.19	-1.152
66	5.20	13.643	5.21	13.128	5.22	11.356	5.23	10.589	5.24	9.079	5.25	7.568	5.26	6.056	5.27	4.544
67	5.28	-0.727	5.29	0.508	5.30	1.738	5.31	2.968	5.32	4.198	5.33	5.428	5.34	6.658	5.35	7.888
68	5.36	-2.605	5.37	-4.620	5.38	-4.630	5.39	-2.552	5.40	-2.816	5.41	-2.879	5.42	-2.189	5.43	-1.600
69	5.44	-0.467	5.45	0.769	5.46	0.747	5.47	2.728	5.48	0.210	5.49	-0.304	5.50	0.102	5.51	1.919
70	5.52	3.906	5.53	6.393	5.54	7.622	5.55	7.108	5.56	7.097	5.57	5.582	5.58	2.060	5.59	-2.455
71	5.60	-3.716	5.61	-2.490	5.62	-2.998	5.63	-0.767	5.64	1.472	5.65	3.710	5.66	4.188	5.67	7.419
72	5.68	4.904	5.69	3.642	5.70	-0.129	5.71	-1.898	5.72	-5.033	5.73	-8.166	5.74	-4.689	5.75	-3.945
73	5.76	2.276	5.77	4.009	5.78	5.243	5.79	7.229	5.80	7.219	5.81	6.702	5.82	5.940	5.83	4.169
74	5.84	2.904	5.85	2.144	5.86	2.623	5.87	3.359	5.88	4.589	5.89	5.081	5.90	4.564		

Digitized Accelerogram of Earthquake Record with Index Number E-59 (13-1-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-4.147	0.01	-4.353	0.02	-4.560	0.03	-4.766	0.04	-4.973	0.05	-5.179	0.06	-5.386	0.07	-5.592
2	0.08	-5.799	0.09	-5.743	0.10	-5.686	0.11	-5.630	0.12	-5.574	0.13	-5.518	0.14	-5.462	0.15	-5.405
3	0.16	-5.349	0.17	-5.293	0.18	-5.237	0.19	-5.181	0.20	-5.125	0.21	-5.069	0.22	-5.013	0.23	-4.957
4	0.24	-4.616	0.25	-4.461	0.26	-4.306	0.27	-4.151	0.28	-4.000	0.29	-3.849	0.30	-3.698	0.31	-3.547
5	0.32	-3.312	0.33	-3.157	0.34	-3.002	0.35	-2.847	0.36	-2.692	0.37	-2.537	0.38	-2.382	0.39	-2.227
6	0.40	-2.145	0.41	-2.000	0.42	-1.855	0.43	-1.710	0.44	-1.565	0.45	-1.420	0.46	-1.275	0.47	-1.130
7	0.48	-1.083	0.49	-1.000	0.50	-0.917	0.51	-0.834	0.52	-0.751	0.53	-0.668	0.54	-0.585	0.55	-0.502
8	0.56	-0.421	0.57	-0.300	0.58	-0.179	0.59	-0.058	0.60	0.063	0.61	0.184	0.62	0.305	0.63	0.426
9	0.64	0.526	0.65	0.600	0.66	0.674	0.67	0.748	0.68	0.822	0.69	0.896	0.70	0.970	0.71	1.044
10	0.72	1.100	0.73	1.174	0.74	1.248	0.75	1.322	0.76	1.396	0.77	1.470	0.78	1.544	0.79	1.618
11	0.80	1.692	0.81	1.766	0.82	1.840	0.83	1.914	0.84	1.988	0.85	2.062	0.86	2.136	0.87	2.210
12	0.88	2.284	0.89	2.358	0.90	2.432	0.91	2.506	0.92	2.580	0.93	2.654	0.94	2.728	0.95	2.802
13	0.96	2.876	0.97	2.950	0.98	3.024	0.99	3.098	1.00	3.172	1.01	3.246	1.02	3.320	1.03	3.394
14	1.04	3.468	1.05	3.542	1.06	3.616	1.07	3.690	1.08	3.764	1.09	3.838	1.10	3.912	1.11	3.986
15	1.12	4.060	1.13	4.134	1.14	4.208	1.15	4.282	1.16	4.356	1.17	4.430	1.18	4.504	1.19	4.578
16	1.20	4.650	1.21	4.724	1.22	4.798	1.23	4.872	1.24	4.946	1.25	5.020	1.26	5.094	1.27	5.168
17	1.28	5.240	1.29	5.314	1.30	5.388	1.31	5.462	1.32	5.536	1.33	5.610	1.34	5.684	1.35	5.758
18	1.36	5.840	1.37	5.914	1.38	5.988	1.39	6.062	1.40	6.136	1.41	6.210	1.42	6.284	1.43	6.358
19	1.44	6.430	1.45	6.504	1.46	6.578	1.47	6.652	1.48	6.726	1.49	6.800	1.50	6.874	1.51	6.948
20	1.52	7.020	1.53	7.094	1.54	7.168	1.55	7.242	1.56	7.316	1.57	7.390	1.58	7.464	1.59	7.538
21	1.60	7.620	1.61	7.694	1.62	7.768	1.63	7.842	1.64	7.916	1.65	7.990	1.66	8.064	1.67	8.138
22	1.68	8.220	1.69	8.294	1.70	8.368	1.71	8.442	1.72	8.516	1.73	8.590	1.74	8.664	1.75	8.738
23	1.76	8.820	1.77	8.894	1.78	8.968	1.79	9.042	1.80	9.116	1.81	9.190	1.82	9.264	1.83	9.338
24	1.84	9.430	1.85	9.504	1.86	9.578	1.87	9.652	1.88	9.726	1.89	9.800	1.90	9.874	1.91	9.948
25	1.92	10.020	1.93	10.094	1.94	10.168	1.95	10.242	1.96	10.316	1.97	10.390	1.98	10.464	1.99	10.538
26	2.00	10.620	2.01	10.694	2.02	10.768	2.03	10.842	2.04	10.916	2.05	10.990	2.06	11.064	2.07	11.138
27	2.08	11.220	2.09	11.294	2.10	11.368	2.11	11.442	2.12	11.516	2.13	11.590	2.14	11.664	2.15	11.738
28	2.16	11.820	2.17	11.894	2.18	11.968	2.19	12.042	2.20	12.116	2.21	12.190	2.22	12.264	2.23	12.338
29	2.24	12.430	2.25	12.504	2.26	12.578	2.27	12.652	2.28	12.726	2.29	12.800	2.30	12.874	2.31	12.948
30	2.32	13.020	2.33	13.094	2.34	13.168	2.35	13.242	2.36	13.316	2.37	13.390	2.38	13.464	2.39	13.538
31	2.40	13.620	2.41	13.694	2.42	13.768	2.43	13.842	2.44	13.916	2.45	13.990	2.46	14.064	2.47	14.138
32	2.48	14.220	2.49	14.294	2.50	14.368	2.51	14.442	2.52	14.516	2.53	14.590	2.54	14.664	2.55	14.738
33	2.56	14.820	2.57	14.894	2.58	14.968	2.59	15.042	2.60	15.116	2.61	15.190	2.62	15.264	2.63	15.338
34	2.64	15.430	2.65	15.504	2.66	15.578	2.67	15.652	2.68	15.726	2.69	15.800	2.70	15.874	2.71	15.948
35	2.72	16.020	2.73	16.094	2.74	16.168	2.75	16.242	2.76	16.316	2.77	16.390	2.78	16.464	2.79	16.538
36	2.80	16.620	2.81	16.694	2.82	16.768	2.83	16.842	2.84	16.916	2.85	16.990	2.86	17.064	2.87	17.138
37	2.88	17.220	2.89	17.294	2.90	17.368	2.91	17.442	2.92	17.516	2.93	17.590	2.94	17.664	2.95	17.738
38	2.96	17.820	2.97	17.894	2.98	17.968	2.99	18.042	3.00	18.116	3.01	18.190	3.02	18.264	3.03	18.338
39	3.04	18.430	3.05	18.504	3.06	18.578	3.07	18.652	3.08	18.726	3.09	18.800	3.10	18.874	3.11	18.948
40	3.12	19.020	3.13	19.094	3.14	19.168	3.15	19.242	3.16	19.316	3.17	19.390	3.18	19.464	3.19	19.538
41	3.20	19.620	3.21	19.694	3.22	19.768	3.23	19.842	3.24	19.916	3.25	19.990	3.26	20.064	3.27	20.138
42	3.28	20.220	3.29	20.294	3.30	20.368	3.31	20.442	3.32	20.516	3.33	20.590	3.34	20.664	3.35	20.738
43	3.36	20.820	3.37	20.894	3.38	20.968	3.39	21.042	3.40	21.116	3.41	21.190	3.42	21.264	3.43	21.338
44	3.44	21.430	3.45	21.504	3.46	21.578	3.47	21.652	3.48	21.726	3.49	21.800	3.50	21.874	3.51	21.948
45	3.52	22.020	3.53	22.094	3.54	22.168	3.55	22.242	3.56	22.316	3.57	22.390	3.58	22.464	3.59	22.538
46	3.60	22.620	3.61	22.694	3.62	22.768	3.63	22.842	3.64	22.916	3.65	22.990	3.66	23.064	3.67	23.138
47	3.68	23.220	3.69	23.294	3.70	23.368	3.71	23.442	3.72	23.516	3.73	23.590	3.74	23.664	3.75	23.738
48	3.76	23.820	3.77	23.894	3.78	23.968	3.79	24.042	3.80	24.116	3.81	24.190	3.82	24.264	3.83	24.338
49	3.84	24.430	3.85	24.504	3.86	24.578	3.87	24.652	3.88	24.726	3.89	24.800	3.90	24.874	3.91	24.948
50	3.92	25.020	3.93	25.094	3.94	25.168	3.95	25.242	3.96	25.316	3.97	25.390	3.98	25.464	3.99	25.538
51	4.00	25.620	4.01	25.694	4.02	25.768	4.03	25.842	4.04	25.916	4.05	25.990	4.06	26.064	4.07	26.138
52	4.08	26.220	4.09	26.294	4.10	26.368	4.11	26.442	4.12	26.516	4.13	26.590	4.14	26.664	4.15	26.738
53	4.16	26.820	4.17	26.894	4.18	26.968	4.19	27.042	4.20	27.116	4.21	27.190	4.22	27.264	4.23	27.338
54	4.24	27.430	4.25	27.504	4.26	27.578	4.27	27.652	4.28	27.726	4.29	27.800	4.30	27.874	4.31	27.948
55	4.32	28.020	4.33	28.094	4.34	28.168	4.35	28.242	4.36	28.316	4.37	28.390	4.38	28.464	4.39	28.538
56	4.40	28.620	4.41	28.694	4.42	28.768	4.43	28.842	4.44	28.916	4.45	28.990	4.46	29.064	4.47	29.138
57	4.48	29.220	4.49	29.294	4.50	29.368	4.51	29.442	4.52	29.516	4.53	29.590	4.54	29.664	4.55	29.738
58	4.56	29.820	4.57	29.894	4.58	29.968	4.59	30.042	4.60	30.116	4.61	30.190	4.62	30.264	4.63	30.338
59	4.64	30.430	4.65	30.504	4.66	30.578	4.67	30.652	4.68	30.726	4.69	30.800	4.70	30.874	4.71	30.948
60	4.72	31.020	4.73	31.094	4.74	31.168	4.75	31.242	4.76	31.316	4.77	31.390	4.78	31.464	4.79	31.538
61	4.80	31.620	4.81	31.694	4.82	31.768	4.83	31.842	4.84	31.916	4.85	31.990	4.86	32.064	4.87	32.138
62	4.88	32.220	4.89	32.294	4.90	32.368	4.91	32.442	4.92	32.516	4.93	32.590	4.94	32.664	4.95	32.738
63	4.96	32.820	4.97	32.894	4.98	32.968	4.99	33.042	5.00	33.116	5.01	33.190	5.02	33.264	5.03	33.338
64	5.04	33.430	5.05	33.504	5.06	33.578	5.07	33.652	5.08	33.726	5.09	33.800	5.10	33.874	5.11	33.948
65	5.12	34.020	5.13	34.094	5.14	34.168	5.15	34.242	5.16	34.316	5.17	34.390	5.18	34.464	5.19	34.538
66	5.20	34.620	5.21	34.694	5.22	34.768	5.23	34.842	5.24	34.916	5.25	34.990	5.26	35.064	5.27	35.138
67	5.28	35.220	5.29	35.294	5.30	35.368	5.31	35.442	5.32	35.516	5.33	35.590	5.34	35.664	5.35	35.738
68	5.36	35.820	5.37	35.894	5.38	35.968	5.39	36.042	5.40	36.116	5.41	36.190	5.42	36.264	5.43	36.338
69	5.44	36.430	5.45	36.504	5.46	36.578	5.47	36.652	5.48	36.726	5.49	36.800	5.50	36.874	5.51	36.948
70	5.52	37.020	5.53	37.094	5.54	37.168	5.55	37.242	5.56	37.316	5.57	37.390	5.58	37.464	5.59	37.538
71	5.60	37.620	5.61	37.694	5.62	37.768	5.63	37.842	5.64	37.916	5.65	37.990	5.66	38.064	5.67	38.138
72	5.68	38.220	5.69	38.294	5.70	38.368	5.71	38.442	5.72	38.516	5.73	38.590	5.74	38.664	5.75	

Digitized Accelerogram of Earthquake Record with Index Number E-60 (13-2-X)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	-2.708	0.01	-2.299	0.02	-1.690	0.03	-1.481	0.04	-1.072	0.05	-0.662	0.06	-0.716	0.07	2.094
2	0.08	4.543	0.09	5.666	0.10	6.706	0.11	4.342	0.12	1.282	0.13	-1.573	0.14	-5.243	0.15	0.878
3	0.16	-0.243	0.17	-1.364	0.18	-4.219	0.19	-6.258	0.20	-8.297	0.21	-4.726	0.22	-2.481	0.23	4.252
4	0.24	3.131	0.25	2.010	0.26	1.603	0.27	1.196	0.28	4.257	0.29	7.115	0.30	5.891	0.31	4.362
5	0.32	2.833	0.33	-0.226	0.34	-3.387	0.35	-5.222	0.36	-4.999	0.37	-2.976	0.38	-1.445	0.39	2.126
6	0.40	5.290	0.41	3.914	0.42	2.558	0.43	4.499	0.44	-2.055	0.45	-3.885	0.46	-3.476	0.47	-0.415
7	0.48	0.912	0.49	4.075	0.50	-3.370	0.51	-5.205	0.52	-2.980	0.53	-0.489	0.54	-3.672	0.55	-4.895
8	0.56	-6.424	0.57	-7.443	0.58	-7.748	0.59	-4.993	0.60	-3.819	0.61	-2.645	0.62	-1.623	0.63	-0.602
9	0.64	0.266	0.65	1.133	0.66	2.460	0.67	2.418	0.68	2.375	0.69	2.332	0.70	2.290	0.71	2.247
10	0.72	2.204	0.73	2.162	0.74	3.132	0.75	4.101	0.76	2.063	0.77	-0.537	0.78	-3.137	0.79	-0.692
11	0.80	0.435	0.81	2.476	0.82	1.610	0.83	0.744	0.84	-1.295	0.85	-3.679	0.86	-4.883	0.87	-3.128
12	0.88	-0.577	0.89	1.464	0.90	3.505	0.91	2.588	0.92	1.569	0.93	-0.980	0.94	-3.324	0.95	-2.610
13	0.96	-1.1385	0.97	0.963	0.98	3.004	0.99	2.290	1.00	0.456	1.01	-1.328	1.02	-3.112	1.03	-0.867
14	1.04	2.705	1.05	2.501	1.06	-1.067	1.07	-0.199	1.08	0.670	1.09	2.711	1.10	3.833	1.11	2.100
15	1.12	-0.959	1.13	-0.245	1.14	3.124	1.15	2.411	1.16	0.085	1.17	-0.953	1.18	-1.971	1.19	-2.174
16	1.20	-2.581	1.21	-1.560	1.22	1.708	1.23	1.708	1.24	0.789	1.25	-1.554	1.26	-0.840	1.27	1.508
17	1.28	1.509	1.29	-0.275	1.30	-0.058	1.31	-1.484	1.32	-0.633	1.33	2.535	1.34	1.821	1.35	-2.768
18	1.36	-3.072	1.37	-0.520	1.38	1.011	1.39	1.522	1.40	2.033	1.41	0.809	1.42	-2.555	1.43	-2.106
19	1.44	-1.838	1.45	-0.306	1.46	2.244	1.47	1.327	1.48	-2.547	1.49	-2.342	1.50	-1.576	1.51	-0.810
20	1.52	1.028	1.53	2.252	1.54	0.826	1.55	-0.499	1.56	-2.538	1.57	-1.772	1.58	-1.005	1.59	1.546
21	1.60	2.720	1.61	3.894	1.62	-0.003	1.63	-3.244	1.64	-1.304	1.65	0.533	1.66	4.410	1.67	2.167
22	1.68	0.639	1.69	2.017	1.70	3.395	1.71	3.253	1.72	3.112	1.73	2.970	1.74	2.828	1.75	2.686
23	1.76	0.902	1.77	-0.682	1.78	-3.022	1.79	-3.225	1.80	-2.305	1.81	-0.774	1.82	0.943	1.83	2.084
24	1.84	1.575	1.85	0.352	1.86	-2.197	1.87	-1.481	1.88	1.070	1.89	1.786	1.90	2.296	1.91	2.603
25	1.92	1.584	1.93	-0.362	1.94	-0.453	1.95	-2.481	1.96	-1.777	1.97	-1.470	1.98	0.775	1.99	-2.181
26	2.00	-3.506	2.01	-2.485	2.02	-1.454	2.03	2.107	2.04	-1.155	2.05	-2.085	2.06	1.206	2.07	0.582
27	2.08	-0.131	2.09	-3.291	2.10	-1.760	2.11	1.302	2.12	0.588	2.13	-1.144	2.14	2.121	2.15	3.182
28	2.16	1.613	2.17	-0.425	2.18	3.145	2.19	1.413	2.20	-0.116	2.21	-1.135	2.22	0.345	2.23	1.626
29	2.24	3.662	2.25	-3.477	2.26	-3.135	2.27	-2.794	2.28	-2.453	2.29	-2.112	2.30	-1.771	2.31	-1.429
30	2.32	0.307	2.33	1.123	2.34	1.328	2.35	0.921	2.36	0.413	2.37	-0.096	2.38	-0.605	2.39	-0.365
31	2.40	-0.126	2.41	0.113	2.42	0.318	2.43	1.136	2.44	1.392	2.45	1.648	2.46	1.751	2.47	1.855
32	2.48	1.754	2.49	1.053	2.50	1.450	2.51	0.635	2.52	-0.588	2.53	-1.697	2.54	-1.096	2.55	-0.891
33	2.56	-0.685	2.57	-0.174	2.58	0.848	2.59	0.441	2.60	-0.579	2.61	-0.985	2.62	-1.392	2.63	-1.187
34	2.64	-0.981	2.65	-0.776	2.66	-0.571	2.67	-0.365	2.68	-0.160	2.69	-0.050	2.70	-0.057	2.71	0.046
35	2.72	0.149	2.73	-0.618	2.74	-1.378	2.75	-1.955	2.76	-2.532	2.77	-3.109	2.78	-3.686	2.79	-4.267
36	2.80	-1.880	2.81	-0.145	2.82	0.876	2.83	0.163	2.84	0.369	2.85	1.033	2.86	1.697	2.87	1.766
37	2.88	1.835	2.89	1.904	2.90	1.701	2.91	1.498	2.92	0.990	2.93	0.175	2.94	-0.538	2.95	-1.852
38	2.96	-1.351	2.97	-0.841	2.98	-1.069	2.99	-1.297	3.00	-1.526	3.01	-1.754	3.02	-1.982	3.03	-2.210
39	3.04	-2.439	3.05	-2.667	3.06	-2.895	3.07	-3.124	3.08	-3.352	3.09	-3.580	3.10	-3.808	3.11	-4.036
40	3.12	-2.238	3.13	5.401	3.14	8.463	3.15	14.682	3.16	1.630	3.17	-0.206	3.18	-4.081	3.19	-7.445
41	3.20	-5.198	3.21	1.944	3.22	12.144	3.23	15.408	3.24	18.367	3.25	17.093	3.26	15.818	3.27	13.574
42	3.28	5.008	3.29	-0.396	3.30	-3.557	3.31	-7.940	3.32	-3.653	3.33	5.935	3.34	11.647	3.35	10.270
43	3.36	8.894	3.37	6.038	3.38	-1.713	3.39	-10.585	3.40	-13.643	3.41	-10.889	3.42	-11.294	3.43	-9.916
44	3.44	-9.538	3.45	-6.191	3.46	-3.843	3.47	-1.497	3.48	-2.515	3.49	-3.533	3.50	-4.551	3.51	-5.569
45	3.52	-5.264	3.53	-3.629	3.54	-2.022	3.55	-10.039	3.56	11.875	3.57	8.018	3.58	4.227	3.59	1.068
46	3.60	6.680	3.61	11.883	3.62	16.269	3.63	14.637	3.64	13.002	3.65	-6.374	3.66	-13.309	3.67	-20.588
47	3.68	-21.619	3.69	-22.688	3.70	-20.238	3.71	-16.667	3.72	-12.483	3.73	-5.954	3.74	-2.076	3.75	9.553
48	3.76	13.938	3.77	9.146	3.78	0.942	3.79	5.067	3.80	2.415	3.81	-6.355	3.82	-10.023	3.83	-4.717
49	3.84	7.523	3.85	10.379	3.86	13.236	3.87	15.991	3.88	18.134	3.89	14.361	3.90	11.659	3.91	8.953
50	3.92	-10.014	3.93	-13.074	3.94	-20.516	3.95	-13.987	3.96	-7.456	3.97	6.722	3.98	11.720	3.99	9.477
51	4.00	7.284	4.01	5.090	4.02	-0.066	4.03	-15.199	4.04	2.855	4.05	10.912	4.06	10.628	4.07	10.343
52	4.08	10.058	4.09	9.774	4.10	-0.889	4.11	7.705	4.12	5.920	4.13	-0.646	4.14	-0.808	4.15	1.845
53	4.16	4.898	4.17	0.352	4.18	-0.906	4.19	-2.395	4.20	-1.798	4.21	-0.646	4.22	-1.426	4.23	-3.041
54	4.24	-0.184	4.25	4.509	4.26	4.305	4.27	0.911	4.28	-0.282	4.29	-2.729	4.30	-5.278	4.31	-4.766
55	4.32	-2.215	4.33	0.336	4.34	1.051	4.35	2.583	4.36	5.745	4.37	5.542	4.38	5.033	4.39	4.104
56	4.40	3.335	4.41	2.486	4.42	1.264	4.43	1.622	4.44	1.980	4.45	1.114	4.46	0.248	4.47	-0.771
57	4.48	-2.860	4.49	-4.950	4.50	-4.541	4.51	-2.754	4.52	-0.968	4.53	0.155	4.54	1.278	4.55	2.402
58	4.56	4.749	4.57	4.902	4.58	5.055	4.59	2.809	4.60	-4.734	4.61	-6.824	4.62	-6.912	4.63	-1.974
59	4.64	2.411	4.65	2.243	4.66	2.074	4.67	1.904	4.68	0.375	4.69	-1.154	4.70	-2.683	4.71	-4.414
60	4.72	-3.189	4.73	-0.383	4.74	2.423	4.75	3.444	4.76	3.240	4.77	1.881	4.78	0.522	4.79	-0.837
61	4.80	-2.159	4.81	2.130	4.82	6.018	4.83	5.442	4.84	4.065	4.85	2.026	4.86	-2.013	4.87	-5.211
62	4.88	-0.113	4.89	3.461	4.90	5.297	4.91	5.298	4.92	5.095	4.93	4.892	4.94	3.364	4.95	2.565
63	4.96	15.903	4.97	9.013	4.98	-0.913	4.99	-1.295	5.00	1.846	5.01	1.435	5.02	0.230	5.03	0.298
64	5.04	-1.572	5.05	-2.846	5.06	-3.861	5.07	-1.169	5.08	0.216	5.09	-3.861	5.10	-3.656	5.11	-0.301
65	5.12	0.631	5.13	2.076	5.14	5.119	5.15	2.469	5.16	-0.182	5.17	-2.633	5.18	-4.352	5.19	-5.893
66	5.20	-6.908	5.21	-5.785	5.22	-4.660	5.23	-2.174	5.24	-6.866	5.25	5.133	5.26	3.400	5.27	2.721
67	5.28	-2.042	5.29	1.132	5.30	-0.711	5.31	-2.783	5.32	-4.856	5.33	-6.179	5.34	-3.458	5.35	-0.737
68	5.36	1.984	5.37	4.331	5.38	6.679	5.39	0.432	5.40	7.673	5.41	5.915	5.42	4.156	5.43	2.397
69	5.44	-1.680	5.45	4.1636	5.46	-1.983	5.47	0.671	5.48	2.202	5.49	3.732	5.50	1.999	5.51	0.267
70	5.52	-0.140	5.53	-0.548	5.54	-3.115	5.55	-3.605	5.56	-3.094	5.57	-1.971	5.58	-0.847	5.59	0.684
71	5.60	2.215	5.61	3.655	5.62	5.175	5.63	3.646	5.64	2.118	5.65	-1.862	5.66	-5.839	5.67	-10.016
72	5.68	-0.927	5.69	-2.195	5.70	-0.084	5.71	-2.222	5.72	-2.228	5.73	1.822	5.74	1.143	5.75	0.464
73	5.76	-0.215	5.77	-0.920	5.78	-0.889	5.79	-1.026	5.80	-1.026	5.81	-1.200	5.82	-1.335	5.83	-1.522
74	5.84	-0.920	5.85	0.713	5.86	2.040	5.87	1.531	5.88	0.784	5.89	0.037	5.90	-0.710	5.91	-2.03

Digitized Accelerogram of Earthquake Record with Index Number E-61 (13-2-Y)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	0.002	0.01	1.507	0.02	2.952	0.03	4.397	0.04	5.842	0.05	7.287	0.06	8.732	0.07	3.415		
2	0.08	2.099	0.09	1.539	0.10	2.957	0.11	4.371	0.12	5.874	0.13	7.242	0.14	8.680	0.15	2.820		
3	0.16	1.536	0.17	2.929	0.18	4.373	0.19	5.873	0.20	7.256	0.21	8.736	0.22	1.998	0.23	0.998		
4	0.24	3.086	0.25	4.536	0.26	5.986	0.27	7.436	0.28	8.886	0.29	1.036	0.30	2.032	0.31	1.743		
5	0.32	3.608	0.33	5.058	0.34	6.508	0.35	7.958	0.36	9.408	0.37	1.058	0.38	2.054	0.39	3.986		
6	0.40	1.151	0.41	2.601	0.42	4.051	0.43	5.501	0.44	6.951	0.45	8.401	0.46	3.026	0.47	4.364		
7	0.48	6.023	0.49	7.473	0.50	8.923	0.51	1.033	0.52	2.483	0.53	3.933	0.54	5.383	0.55	6.833		
8	0.56	2.442	0.57	3.892	0.58	5.342	0.59	6.792	0.60	8.242	0.61	9.692	0.62	1.142	0.63	2.592		
9	0.64	1.888	0.65	3.338	0.66	4.788	0.67	6.238	0.68	7.688	0.69	9.138	0.70	3.046	0.71	4.496		
10	0.72	1.379	0.73	2.829	0.74	4.279	0.75	5.729	0.76	7.179	0.77	8.629	0.78	1.171	0.79	2.621		
11	0.80	0.955	0.81	2.405	0.82	3.855	0.83	5.305	0.84	6.755	0.85	8.205	0.86	1.171	0.87	2.621		
12	0.88	2.573	0.89	4.023	0.90	5.473	0.91	6.923	0.92	8.373	0.93	9.823	0.94	1.171	0.95	2.621		
13	0.96	2.569	0.97	4.019	0.98	5.469	0.99	6.919	1.00	8.369	1.01	9.819	1.02	1.171	1.03	2.621		
14	1.04	4.390	1.05	5.840	1.06	7.290	1.07	8.740	1.08	1.010	1.09	2.460	1.10	3.910	1.11	5.360		
15	1.12	4.347	1.13	5.797	1.14	7.247	1.15	8.697	1.16	1.007	1.17	2.457	1.18	3.907	1.19	5.357		
16	1.20	2.556	1.21	4.006	1.22	5.456	1.23	6.906	1.24	8.356	1.25	9.806	1.26	1.166	1.27	2.616		
17	1.28	2.048	1.29	3.498	1.30	4.948	1.31	6.398	1.32	7.848	1.33	9.298	1.34	1.166	1.35	2.616		
18	1.36	2.013	1.37	3.463	1.38	4.913	1.39	6.363	1.40	7.813	1.41	9.263	1.42	1.166	1.43	2.616		
19	1.44	2.544	1.45	4.004	1.46	5.464	1.47	6.924	1.48	8.384	1.49	9.844	1.50	1.166	1.51	2.616		
20	1.52	1.506	1.53	2.956	1.54	4.406	1.55	5.856	1.56	7.306	1.57	8.756	1.58	1.166	1.59	2.616		
21	1.60	2.535	1.61	4.005	1.62	5.475	1.63	6.925	1.64	8.375	1.65	9.825	1.66	1.166	1.67	2.616		
22	1.68	1.076	1.69	2.526	1.70	3.976	1.71	5.426	1.72	6.876	1.73	8.326	1.74	1.166	1.75	2.616		
23	1.76	1.176	1.77	2.626	1.78	4.076	1.79	5.526	1.80	6.976	1.81	8.426	1.82	1.166	1.83	2.616		
24	1.84	4.666	1.85	6.116	1.86	7.566	1.87	9.016	1.88	1.066	1.89	2.516	1.90	3.966	1.91	5.416		
25	1.92	1.066	1.93	2.516	1.94	3.966	1.95	5.416	1.96	6.866	1.97	8.316	1.98	1.066	1.99	2.516		
26	2.00	3.371	2.01	4.821	2.02	6.271	2.03	7.721	2.04	9.171	2.05	1.066	2.06	2.516	2.07	3.966		
27	2.08	2.304	2.09	3.754	2.10	5.204	2.11	6.654	2.12	8.104	2.13	9.554	2.14	1.066	2.15	2.516		
28	2.16	1.222	2.17	2.672	2.18	4.122	2.19	5.572	2.20	7.022	2.21	8.472	2.22	1.066	2.23	2.516		
29	2.24	0.997	2.25	2.447	2.26	3.897	2.27	5.347	2.28	6.797	2.29	8.247	2.30	1.066	2.31	2.516		
30	2.32	0.625	2.33	2.075	2.34	3.525	2.35	4.975	2.36	6.425	2.37	7.875	2.38	1.066	2.39	2.516		
31	2.40	1.252	2.41	2.702	2.42	4.152	2.43	5.602	2.44	7.052	2.45	8.502	2.46	1.066	2.47	2.516		
32	2.48	0.079	2.49	1.529	2.50	2.979	2.51	4.429	2.52	5.879	2.53	7.329	2.54	1.066	2.55	2.516		
33	2.56	0.939	2.57	2.389	2.58	3.839	2.59	5.289	2.60	6.739	2.61	8.189	2.62	1.066	2.63	2.516		
34	2.64	1.514	2.65	2.964	2.66	4.414	2.67	5.864	2.68	7.314	2.69	8.764	2.70	1.066	2.71	2.516		
35	2.72	1.269	2.73	2.719	2.74	4.169	2.75	5.619	2.76	7.069	2.77	8.519	2.78	1.066	2.79	2.516		
36	2.80	4.162	2.81	5.612	2.82	7.062	2.83	8.512	2.84	9.962	2.85	1.066	2.86	2.516	2.87	3.966		
37	2.88	2.133	2.89	3.583	2.90	5.033	2.91	6.483	2.92	7.933	2.93	9.383	2.94	1.066	2.95	2.516		
38	2.96	4.063	2.97	5.513	2.98	6.963	2.99	8.413	3.00	9.863	3.01	1.066	3.02	2.516	3.03	3.966		
39	3.04	3.996	3.05	5.446	3.06	6.896	3.07	8.346	3.08	9.796	3.09	1.066	3.10	2.516	3.11	3.966		
40	3.12	3.109	3.13	4.559	3.14	6.009	3.15	7.459	3.16	8.909	3.17	1.066	3.18	2.516	3.19	3.966		
41	3.20	4.163	3.21	5.613	3.22	7.063	3.23	8.513	3.24	9.963	3.25	1.066	3.26	2.516	3.27	3.966		
42	3.28	1.714	3.29	3.164	3.30	4.614	3.31	6.064	3.32	7.514	3.33	8.964	3.34	1.066	3.35	2.516		
43	3.36	1.057	3.37	2.507	3.38	3.957	3.39	5.407	3.40	6.857	3.41	8.307	3.42	1.066	3.43	2.516		
44	3.44	1.542	3.45	2.992	3.46	4.442	3.47	5.892	3.48	7.342	3.49	8.792	3.50	1.066	3.51	2.516		
45	3.52	1.923	3.53	3.373	3.54	4.823	3.55	6.273	3.56	7.723	3.57	9.173	3.58	1.066	3.59	2.516		
46	3.60	3.346	3.61	4.796	3.62	6.246	3.63	7.696	3.64	9.146	3.65	1.066	3.66	2.516	3.67	3.966		
47	3.68	5.989	3.69	7.439	3.70	8.889	3.71	1.039	3.72	2.489	3.73	3.939	3.74	5.389	3.75	6.839		
48	3.76	1.178	3.77	2.628	3.78	4.078	3.79	5.528	3.80	6.978	3.81	8.428	3.82	1.066	3.83	2.516		
49	3.84	2.749	3.85	4.199	3.86	5.649	3.87	7.099	3.88	8.549	3.89	9.999	3.90	1.066	3.91	2.516		
50	3.92	2.149	3.93	3.599	3.94	5.049	3.95	6.499	3.96	7.949	3.97	9.399	3.98	1.066	3.99	2.516		
51	4.00	1.782	4.01	3.232	4.02	4.682	4.03	6.132	4.04	7.582	4.05	9.032	4.06	1.066	4.07	2.516		
52	4.08	4.158	4.09	5.608	4.10	7.058	4.11	8.508	4.12	9.958	4.13	1.066	4.14	2.516	4.15	3.966		
53	4.16	1.782	4.17	3.232	4.18	4.682	4.19	6.132	4.20	7.582	4.21	9.032	4.22	1.066	4.23	2.516		
54	4.24	9.032	4.25	1.048	4.26	2.498	4.27	3.948	4.28	5.398	4.29	6.848	4.30	1.066	4.31	2.516		
55	4.32	3.062	4.33	4.512	4.34	5.962	4.35	7.412	4.36	8.862	4.37	1.066	4.38	2.516	4.39	3.966		
56	4.40	3.175	4.41	4.625	4.42	6.075	4.43	7.525	4.44	8.975	4.45	1.066	4.46	2.516	4.47	3.966		
57	4.48	2.458	4.49	3.908	4.50	5.358	4.51	6.808	4.52	8.258	4.53	9.708	4.54	1.066	4.55	2.516		
58	4.56	0.828	4.57	2.278	4.58	3.728	4.59	5.178	4.60	6.628	4.61	8.078	4.62	1.066	4.63	2.516		
59	4.64	3.128	4.65	4.578	4.66	5.978	4.67	7.428	4.68	8.878	4.69	1.066	4.70	2.516	4.71	3.966		
60	4.72	5.651	4.73	7.101	4.74	8.551	4.75	1.001	4.76	2.451	4.77	3.901	4.78	5.351	4.79	6.801		
61	4.80	3.163	4.81	4.613	4.82	6.063	4.83	7.513	4.84	8.963	4.85	1.066	4.86	2.516	4.87	3.966		
62	4.88	3.163	4.89	4.613	4.90	6.063	4.91	7.513	4.92	8.963	4.93	1.066	4.94	2.516	4.95	3.966		
63	4.96	3.112	4.97	4.562	4.98	5.962	4.99	7.412	5.00	8.862	5.01	1.066	5.02	2.516	5.03	3.966		
64	5.04	1.663	5.05	3.113	5.06	4.563	5.07	6.013	5.08	7.463	5.09	8.913	5.10	1.066	5.11	2.516		
65	5.12	0.857	5.13	2.307	5.14	3.757	5.15	5.207	5.16	6.657	5.17	8.107	5.18	1.066	5.19	2.516		
66	5.20	0.218	5.21	1.668	5.22	3.118	5.23	4.568	5.24	6.018	5.25	7.468	5.26	1.066	5.27	2.516		
67	5.28	4.395	5.29	5.845	5.30	7.295	5.31	8.745	5.32	1.015	5.33	2.465	5.34	3.915	5.35	5.365		
68	5.36	0.118	5.37	1.568	5.38	3.018	5.39	4.468	5.40	5.918	5.41	7.368	5.42	1.066	5.43	2.516		
69	5.44	2.552	5.45	4.002	5.46	5.452	5.47	6.902	5.48	8.352	5.49	9.802	5.50	1.066	5.51	2.516		
70	5.52	1.966	5.53	3.416	5.54	4.866	5.55	6.316	5.56	7.766	5.57	9.216	5.58	1.066	5.59	2.516		
71	5.60	2.322	5.61	3.772	5.62	5.222	5.63	6.672	5.64	8.122	5.65	9.572						

Digitized Accelerogram of Earthquake Record with Index Number E-62 (13-2-Z)

CARD	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V	TIME	DIGIT-V
1	0.0	1.898	0.01	2.765	0.02	3.633	0.03	0.981	0.04	-1.671	0.05	-2.996	0.06	-4.322	0.07	-5.648
2	0.008	-3.883	0.09	-2.077	0.10	4.145	0.11	6.084	0.12	0.022	0.13	6.543	0.14	5.065	0.15	2.005
3	0.016	5.677	0.17	4.556	0.18	3.434	0.19	-0.952	0.20	-1.666	0.21	-2.617	0.22	-3.569	0.23	-4.521
4	0.024	-1.970	0.25	-2.998	0.26	-4.019	0.27	-3.431	0.28	-2.853	0.29	-2.275	0.30	-0.744	0.31	0.276
5	0.032	1.296	0.33	4.663	0.34	-5.883	0.35	-7.373	0.36	-5.741	0.37	-4.108	0.38	-2.068	0.39	-6.147
6	0.040	-4.872	0.41	-3.597	0.42	2.829	0.43	-7.351	0.44	-5.128	0.45	-1.657	0.46	2.015	0.47	5.687
7	0.048	5.348	0.49	5.008	0.50	4.668	0.51	1.608	0.52	5.179	0.53	5.944	0.54	4.709	0.55	-2.988
8	0.056	4.670	0.57	0.096	0.58	-1.449	0.59	-4.203	0.60	1.816	0.61	4.162	0.62	2.632	0.63	0.592
9	0.064	-1.141	0.65	2.123	0.66	-0.121	0.67	-1.141	0.68	-3.690	0.69	2.320	0.70	1.241	0.71	0.153
10	0.072	-0.935	0.73	-2.873	0.74	-4.810	0.75	-2.362	0.76	1.005	0.77	2.331	0.78	2.195	0.79	2.059
11	0.080	1.924	0.81	0.394	0.82	-1.136	0.83	-3.685	0.84	-3.107	0.85	-2.529	0.86	-1.950	0.87	0.600
12	0.088	3.150	0.89	5.191	0.90	4.783	0.91	4.375	0.92	3.967	0.93	0.602	0.94	-2.458	0.95	-0.927
13	0.096	0.348	0.97	1.623	0.98	2.644	0.99	3.664	1.00	2.644	1.01	0.074	1.02	-3.475	1.03	-2.455
14	1.04	-0.210	1.05	3.156	1.06	1.932	1.07	-0.166	1.08	-1.127	1.09	-1.942	1.10	0.302	1.11	3.158
15	1.12	-2.451	1.13	-1.873	1.14	-1.295	1.15	-0.416	1.16	1.120	1.17	2.650	1.18	1.376	1.19	0.101
16	1.20	-0.918	1.21	-0.408	1.22	0.616	1.23	1.633	1.24	1.021	1.25	0.409	1.26	-1.426	1.27	-2.448
17	1.28	-2.547	1.29	-2.649	1.30	-0.659	1.31	1.330	1.32	3.166	1.33	1.790	1.34	0.413	1.35	-2.647
18	1.36	-1.422	1.37	3.678	1.38	2.454	1.39	1.434	1.40	-1.421	1.41	-2.645	1.42	-3.664	1.43	-2.797
19	1.44	-1.929	1.45	-0.705	1.46	0.468	1.47	1.642	1.48	-2.356	1.49	-1.112	1.50	-4.171	1.51	0.267
20	1.52	4.703	1.53	0.267	1.54	-4.170	1.55	-3.557	1.56	-2.945	1.57	0.030	1.58	2.156	1.59	3.176
21	1.60	-2.328	1.61	2.463	1.62	-0.087	1.63	-2.636	1.64	-3.656	1.65	-3.324	1.66	-2.992	1.67	-2.660
22	1.68	-0.837	1.69	3.366	1.70	2.874	1.71	-0.594	1.72	-3.959	1.73	-1.409	1.74	2.365	1.75	-3.447
23	1.76	0.631	1.77	-2.118	1.78	-2.220	1.79	-2.222	1.80	-5.078	1.81	-0.793	1.82	2.879	1.83	3.389
24	1.84	-2.626	1.85	-1.809	1.86	2.682	1.87	0.948	1.88	2.677	1.89	1.405	1.90	4.718	1.91	2.983
25	1.92	2.934	1.93	2.682	1.94	-0.135	1.95	-2.109	1.96	-4.140	1.97	-3.689	1.98	-3.230	1.99	-0.678
26	2.00	3.194	2.01	4.013	2.02	2.076	2.03	-0.138	2.04	-2.411	2.05	-2.920	2.06	2.384	2.07	2.180
27	2.08	0.446	2.09	-0.573	2.10	-1.746	2.11	-2.919	2.12	-2.910	2.13	2.692	2.14	3.101	2.15	3.509
28	2.16	3.917	2.17	4.326	2.18	-0.183	2.19	-5.143	2.20	-5.551	2.21	4.361	2.22	3.171	2.23	1.982
29	2.24	-1.166	2.25	4.473	2.26	3.006	2.27	-1.026	2.28	-0.158	2.29	1.015	2.30	2.189	2.31	3.566
30	2.32	4.944	2.33	3.212	2.34	-1.683	2.35	-0.359	2.36	-0.359	2.37	0.308	2.38	1.376	2.39	3.416
31	2.40	-0.865	2.41	1.688	2.42	-1.371	2.43	-2.391	2.44	-1.574	2.45	-2.023	2.46	2.296	2.47	1.174
32	2.48	0.161	2.49	-0.553	2.50	2.082	2.51	-0.653	2.52	0.673	2.53	2.203	2.54	2.560	2.55	2.918
33	2.56	2.510	2.57	1.695	2.58	4.449	2.59	3.225	2.60	1.185	2.61	-1.364	2.62	-2.588	2.63	-1.363
34	2.68	-0.496	2.69	-0.372	2.70	1.698	2.71	2.973	2.72	4.248	2.73	3.943	2.74	3.637	2.75	3.332
35	2.76	3.025	2.77	-0.850	2.78	-3.093	2.79	-2.175	2.80	-0.746	2.81	0.683	2.82	4.456	2.83	4.555
36	2.84	-0.089	2.85	-6.355	2.86	-4.569	2.87	-2.784	2.88	-0.743	2.89	1.705	2.90	4.255	2.91	2.725
37	2.92	1.195	2.93	-6.556	2.94	-5.329	2.95	-5.329	2.96	2.726	2.97	-5.022	2.98	-4.001	2.99	-2.981
38	3.00	-5.737	3.01	-2.320	3.02	1.097	3.03	-0.356	3.04	-4.716	3.05	-5.022	3.06	3.448	3.07	1.510
39	3.08	-4.001	3.09	-5.020	3.10	-1.959	3.11	0.081	3.12	1.716	3.13	2.736	3.14	4.470	3.15	4.777
40	3.16	0.082	3.17	-1.345	3.18	-0.325	3.19	0.695	3.20	2.228	3.21	0.651	3.22	-0.525	3.23	-3.075
41	3.24	5.542	3.25	6.307	3.26	4.948	3.27	3.588	3.28	-8.835	3.29	-6.438	3.30	-4.092	3.31	-1.745
42	3.32	-5.217	3.33	-10.010	3.34	-10.010	3.35	-11.233	3.36	6.570	3.37	7.041	3.38	-5.722	3.39	-8.068
43	3.40	1.315	3.41	2.641	3.42	3.968	3.43	5.294	3.44	3.768	3.45	6.318	3.46	9.277	3.47	12.234
44	3.48	-14.491	3.49	7.849	3.50	5.706	3.51	1.523	3.52	-10.613	3.53	-13.263	3.54	-0.163	3.55	-5.561
45	3.56	3.864	3.57	-0.773	3.58	0.815	3.59	2.651	3.60	4.486	3.61	1.733	3.62	-1.022	3.63	-6.019
46	3.64	-8.772	3.65	-0.782	3.66	-4.792	3.67	-1.171	3.68	2.450	3.69	5.305	3.70	1.532	3.71	-0.508
47	3.72	-4.899	3.73	-2.601	3.74	-0.914	3.75	0.023	3.76	-4.891	3.77	-4.891	3.78	-4.891	3.79	-4.891
48	3.80	2.250	3.81	0.720	3.82	-1.065	3.83	-2.849	3.84	-1.112	3.85	0.010	3.86	-3.050	3.87	-5.701
49	3.88	-0.672	3.89	-5.005	3.90	-3.965	3.91	-0.394	3.92	3.022	3.93	3.073	3.94	1.748	3.95	0.728
50	3.96	-0.291	3.97	-2.463	3.98	3.280	3.99	5.014	4.00	4.299	4.01	0.730	4.02	-1.514	4.03	-2.789
51	4.04	-4.063	4.05	-3.008	4.06	-1.954	4.07	-0.898	4.08	4.507	4.09	2.773	4.10	1.039	4.11	-2.021
52	4.12	-4.009	4.13	-3.998	4.14	-6.865	4.15	-7.730	4.16	-6.302	4.17	-5.350	4.18	-4.397	4.19	-3.444
53	4.20	-0.694	4.21	1.355	4.22	2.982	4.23	2.914	4.24	2.847	4.25	2.779	4.26	1.554	4.27	-3.544
54	4.28	-2.932	4.29	-2.320	4.30	-1.044	4.31	0.232	4.32	2.684	4.33	5.536	4.34	4.312	4.35	1.252
55	4.36	-0.278	4.37	-1.807	4.38	-0.800	4.39	-0.195	4.40	-0.721	4.41	-0.467	4.42	-0.815	4.43	-3.360
56	4.44	-1.905	4.45	-0.339	4.46	2.786	4.47	2.022	4.48	4.957	4.49	4.957	4.50	-0.273	4.51	-4.657
57	4.52	-3.229	4.53	-2.056	4.54	-0.883	4.55	0.240	4.56	1.362	4.57	2.485	4.58	4.831	4.59	6.699
58	4.60	6.565	4.61	4.423	4.62	2.282	4.63	1.160	4.64	-1.746	4.65	-3.530	4.66	-5.330	4.67	-7.131
59	4.68	-1.132	4.69	0.066	4.70	1.265	4.71	1.776	4.72	2.266	4.73	2.797	4.74	3.816	4.75	2.966
60	4.76	-2.117	4.77	1.267	4.78	-0.518	4.79	-2.302	4.80	-4.341	4.81	-3.151	4.82	-1.960	4.83	-0.770
61	4.84	-0.005	4.85	0.762	4.86	3.311	4.87	4.434	4.88	5.554	4.89	1.577	4.90	0.660	4.91	-0.257
62	4.92	0.765	4.93	1.784	4.94	4.334	4.95	4.840	4.96	-3.520	4.97	-3.417	4.98	-3.315	4.99	-2.039
63	5.00	-0.764	5.01	-0.254	5.02	-6.766	5.03	-0.970	5.04	-0.053	5.05	-0.885	5.06	-1.781	5.07	1.483
64	5.08	-2.932	5.09	-2.320	5.10	-1.044	5.11	0.232	5.12	-2.944	5.13	-0.352	5.14	-0.352	5.15	-0.686
65	5.16	-0.278	5.17	-1.807	5.18	-0.800	5.19	-0.195	5.20	-0.721	5.21	-0.467	5.22	-0.815	5.23	-3.360
66	5.24	-1.905	5.25	-0.339	5.26	2.786	5.27	2.022	5.28	4.957	5.29	4.957	5.30	-0.273	5.31	-4.657
67	5.32	-3.229	5.33	-2.056	5.34	-0.883	5.35	0.240	5.36	1.362	5.37	2.485	5.38	4.831	5.39	6.699
68	5.40	6.565	5.41	4.423	5.42	2.282	5.43	1.160	5.44	-1.746	5.45	-3.530	5.46	-5.330	5.47	-7.131
69	5.48	-1.132	5.49	0.066	5.50	1.265	5.51	1.776	5.52	2.266	5.53	2.797	5.54	3.816	5.55	2.966
70	5.56	-2.117	5.57	1.267	5.58	-0.518	5.59	-2.302	5.60	-4.341	5.61	-3.151	5.62	-1.960	5.63	-0.770
71	5.64	-0.005	5.65	0.762	5.66	3.311	5.67	4.434	5.68	5.554	5.69	1.577	5.70	0.660	5.71	-0.257
72	5.72	0.765	5.73	1.784	5.74	4.334	5.75	4.840	5.76	-3.520	5.77	-3.417	5.78	-3.315	5.79	-2.039
73	5.80	-0.764	5.81	-0.254	5.82	-6.766	5.83	-0.970	5.84	-0.053	5.85	-0.885	5.86	-1.781	5.87	1.483
74	5.88	-2.932	5.89	-2.320	5.90	-1.044	5.91	0.232	5.92	-2.944	5.93	-0.352	5.94	-0.352	5.95	-0.686
75	5.96	-0.														

ダムサイト岩盤における地震動

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松本徳久 近藤 悟

片平 博 志賀三智

要 旨

本報告書は、ダムサイト岩盤における地震動特性を知
ることを目的に、1981年までに建設省関係のダムサイトで
観測された加速度記録を収録し、この特性を分析したもの
である。



郵便はがき

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下さい

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茨城県筑波郡豊里町大字旭一番地

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ダム部ファイルダム研究室御中

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No. _____

配布先氏名

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所 属 (住所)

氏 名

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