

港灣技研資料

TECHNICAL NOTE OF
THE PORT AND HARBOUR RESEARCH INSTITUTE
MINISTRY OF TRANSPORT, JAPAN

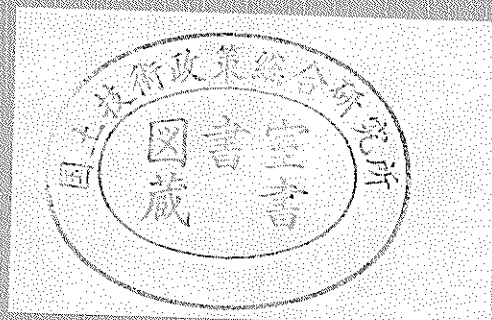
No. 98 Mar. 1970

ANNUAL REPORT ON STRONG-MOTION EARTHQUAKE
RECORDS IN JAPANESE PORTS (1968)

by Hajime Tsuchida, Eiichi Kurata and Katsuko Sudo

港灣地域強震觀測年報 (1968)

土田 肇・倉田栄一・須藤克子



運輸省港灣技術研究所

Contents

Synopsis

1. Introduction	5
2. Network and Instrument	6
3. Accelerogram Processing	9
4. Reproduced Accelerogram	11
5. Digitized Record	11
6. Preliminary Analyses	13
Acknowledgment	14
References	14

Observation Results and Preliminary Analyses

1. Strong-Motion Earthquake Observation Results	19
2. Reproduced Accelerogram, Digitized Records, Response Spectrum and Fourier Spectrum	
(1) S-265, Wakayama-ji-S, March 30, 1968	61
(2) S-211, Kochi-S, April 1, 1968	77
(3) S-213, Hososhima-S, April 1, 1968	111
(4) S-266, Wakayama-ji-S, April 1, 1968	157
(5) S-282, Ofunado-S, May 18, 1968	169
(6) S-273, Miyako-S, May 23, 1968	203
(7) S-340, Shinagawa-S, July 1, 1968	219
(8) S-361, Ofunado-S, July 5, 1968	251
(9) S-364, Hiroshima-S, August 6, 1968	273
(10) S-369, Kushiro-S, August 7, 1968	295
(11) S-412, Yamashita-hen-S, October 8, 1968	311
(12) S-420, Miyako-S, November 14, 1968.....	329

港湾地域強震観測年報 (1968)

土田 肇* ・倉田栄一**

須藤 克子**

要 旨

わが国の港湾地域における強震観測は、昭和37年度より港湾技術研究所耐震構造研究室が中心となり、運輸省港湾局、各港湾建設局、北海道開発局港湾部、岩手県、静岡県、宮崎県の各港湾課、東京都、大阪市の各港湾局の協力のもとに実施している。観測網には、昭和43年末現在で55台の強震計が、35港に配置されていた。このうち、37台は地盤上に、また残り18台は構造物上に設置された。使用している強震計はSMAC-B2強震計および当研究室で開発したERS-A強震計の2種である。

この報告では、前記観測網で昭和43年中に得られた記録のうち、対応する地震がはっきりせず、かつその最大加速度が20gal以下のものを除き、残りすべてを地震ごとに分類し地震の資料と各成分ごとの最大加速度を添えて、強震観測表(Strong-Motion Earthquake Observation Results)に示した。強震観測表の地震資料(Earthquake Data)に示すものは、備考(Remarks)を除き、気象庁地震課発行の地震火山概況によっている。また、地盤上における記録で最大加速度が50gal以上のものについては、記録の原寸複製、数値化された記録、応答スペクトル、フーリエスペクトルを添えた。本報告で記録波形を示したものは、いづれもSMAC-B2強震計で記録したものである。

記録の原寸複製には、その方向が示してある。しかし、記録の成分を構造物法線と平行にしたために、強震計のNS成分が真北を指していないものがある。この偏角や設置地点の条件等については、別に報告されているので参照されたい。

数値化された記録は原記録の密着印画を数値化装置により0.01秒ごとに読み取り、円弧補正を行なった上で再び0.01秒間隔の数値として示したものである。

応答スペクトルは数値化された記録から主要部分を取り出し、これについて1自由度1質点系の最大応答を求めてプロットしたものである。最大応答の計算は理論解を一定時間々隔で数値計算し、その最大値を求める方法によった。時間々隔は0.01秒を原則としたが、固有周期の短い部分では、時間々隔が固有周期の $1/20$ 、もしくはそれ以下となるようにした。本報告で採用した方法と、これまでの年報で採用していたRunge-Kutta-Gill法で運動方程式を数値積分する方法とで、スペクトルに現われる差が実用上無視し得るものであることは、いくつかの地震波による試算

* 構造部 耐震構造研究室長

** 構造部 耐震構造研究室

で確めてある。応答スペクトルの計算に用いた地震波の長さはTIME LENGTH, 記録の始めの部分で加速度が小さいので計算に用いなかった部分の長さはSKIPPED LENGTHとして、数値表中に示してある。

この報告に示すフーリエスペクトルは、地震波の最大加速度の部分を含む数秒間をとり出し、これをフーリエ級数に展開して、そのフーリエ係数をプロットしたものである。したがって、厳密には線スペクトルであるが、図では各スペクトル値を結んだ形にしてある。フーリエスペクトルを求めた区間の始点と記録の始点との時間はTSK、スペクトルを求めた区間の長さはTUSとして、秒を単位とする数値で図中に示してある。

この報告に示すような強震記録とその解析結果は海外の技術者や研究者にも極めて有用であり、その相互交換の提唱もあるので、本報告の説明は英文とした。応答スペクトルの計算法以外については、これまでの年報と同一手法なので、その説明文をそのまま準用してよい。

ANNUAL REPORT ON STRONG-MOTION EARTHQUAKE RECORDS IN JAPANESE PORTS (1968)

by Hajime Tsuchida*,
Eiichi Kurata**, and
Katsuko Sudo**

Synopsis

In the major ports in Japan, the strong-motion earthquake and earthquake response of structures have been observed for these eight years; and as of the end of 1968, more than 400 records were accumulated and analysed in the Earthquake Resistant Structure Laboratory. The observation network consisted of 55 strong-motion accelerographs; the 37 accelerographs were on the ground and the rest, on the structures. Two types of accelerograph, the SMAC-B2 accelerograph and the ERS-A accelerograph were being used. This paper presents all the records obtained in 1968, which are listed in the tables with their maximum accelerations, being classified in accordance with earthquakes. The reproduced accelerograms, digitized records, response spectra and Fourier spectra of the ground acceleration records with maximum acceleration larger than 50 gals, are included. The records on the 1968 Tokachi-Oki earthquake and the three major aftershocks are only listed in the tables, as their accelerograms and spectra have been published separately.

1. Introduction

The observation of the strong-motion earthquake in major ports was started in 1962 in Japan by the Earthquake Resistant Structure Laboratory of the Port and Harbour Research Institute. The observation network was expanded year by year; and as of December 1968, 55 accelerographs had been installed in 34 ports. Two types of accelerograph were being used, namely the SMAC-B2 accelerograph and the ERS-A accelerograph. The magnetic tape recorder was adopted for the ERS-A accelerograph which was developed by the Earthquake Resistant Structure Laboratory.

Until the end of 1968, more than 400 accelerograms had been obtained in the network and collected in the Laboratory for preliminary processing and analyses which would be explained later on. The records from 1963 to 1967 had been published in the previous annual reports which had similar style to this one. 1, 2, 3) In 1968, there occurred an earthquake of large magnitude, the 1968 Tokachi-Oki earthquake; and large number of aftershocks followed. The damage took place to buildings, roads, port facilities and many other types of structure. The largest acceleration was recorded in Hachinohe Port, which was 259 gals. Because of the large magnitude of the earthquake and the damage to structures, the records were of great interest and importance. Therefore, the authors published a report of similar style to the annual report, on the main shock and the three major aftershocks at 19:39 on May 16, at 22:42 on June 12, and at 20:06 on September 21. 4)

The records and the results of the preliminary analyses in those reports have been used very effectively for analyses of the earthquake damage, for analyses of earthquake response of structures and also for designing large piers; and the usefulness of the strong-motion earthquake observation has been perfectly proved.

* Chief, Earthquake Resistant Structure Laboratory
** Members, Earthquake Resistant Structure Laboratory

The report consists of the Strong-Motion Earthquake Observation Results, reproduced accelerograms, digitized records, response spectra and Fourier spectra. All the records in 1968 are listed in the Strong-Motion Earthquake Observation Results with their maximum accelerations, except a few number of records whose earthquakes are not known and whose maximum accelerations are less than 20 gals. The reproduced accelerograms, digitized records and the spectra are provided only on the ground acceleration records of which maximum accelerations are larger than 50 gals. Those of the 1968 Tokachi-Oki earthquake and its three major aftershocks are not included in this, since those have been published separately.

Following organizations are being cooperated with the Port and Harbour Research Institute in the strong-motion earthquake observation:

- The Bureau for Ports and Harbours of the Ministry of Transport;
- The Regional Bureaus for Port Construction of the Ministry of Transport;
- The Port and Harbour Division, Hokkaido Development Bureau, Hokkaido Development Agency of the Prime Minister's Office;
- The Harbour Sections of Iwate, Shizuoka, and Miyazaki Prefectural Governments; and
- The Harbour Bureaus of Tokyo and Osaka Municipal Governments.

2. Network and Instrument

(1) Network

The network of the Port and Harbour Research Institute were covering the coast-line of Japan with 55 strong-motion accelerographs in 1968. The complete location of the stations is shown in Fig. 1, in which two new stations started in 1969 are included. The accelerographs at the 43 stations out of the 55 stations were the SMAC-B2 accelerographs and the rest, the ERS-A accelerographs. The details of both accelerographs can be seen in the previous reports. 6, 7)

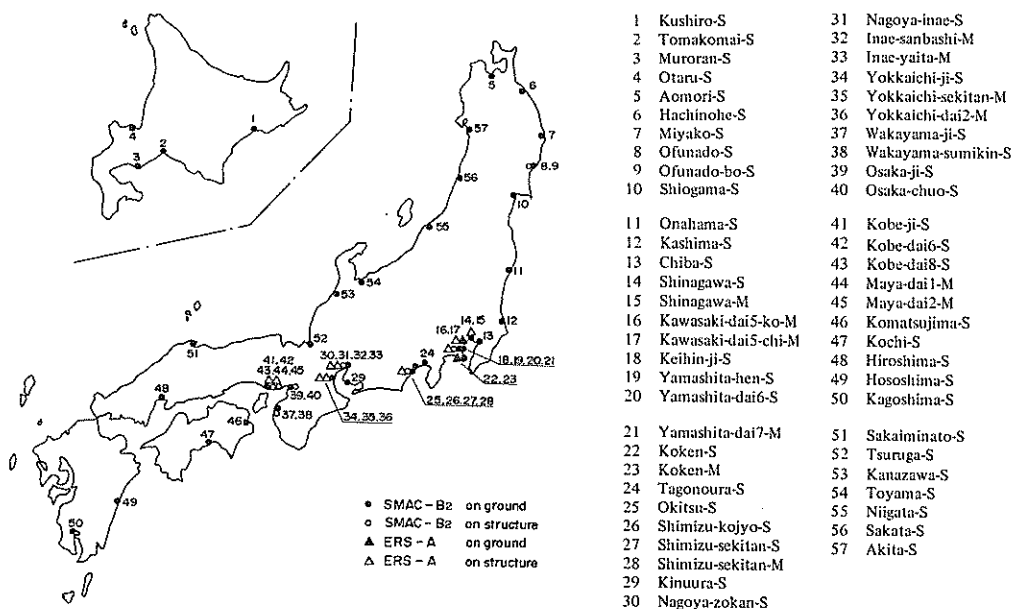


Fig. 1 Strong-Motion Earthquake Network of Port and Harbour Research Institute

(2) Servicing

The installation and the servicing of the network have been made by the port construction offices of the previously described organizations under the direction of the Earthquake Resistant Structure Laboratory. It is directed that the instrument should be checked at least twice a month and after an earthquake larger than the intensity II as soon as possible. The accelerogram is sent carefully to the Earthquake Resistant Structure Laboratory by post or in hand, without any treatment or reading in the station, to eliminate possible danger to damage the accelerogram by unaccustomed persons to handle it.

The Earthquake Resistant Structure Laboratory has been offering every year a training course of 5 days to the persons who take care of the accelerographs in the stations. During the course, the trainees are instructed proper procedure to maintain the instruments and to handle the accelerograms, by the experts from the manufacturing companies of the accelerographs. They also attend introductory lectures to the earthquake engineering by the instructors inside and outside of the Institute.

(3) Station

In the network, there are two kinds of stations; one is to record the ground acceleration, the other to record the earthquake response of structures. The station to record the earthquake response is always accompanied with another station to record the ground acceleration in its vicinity.

In the stations recording the ground acceleration independently, one of the horizontal components of the instrument is directed due north except a few number of instruments which have been installed in parallel with the structures. It is the reason that in the ports where the instruments are installed in parallel to the structures, there are many quaywalls or piers parallel each other, and that it is desirable to record components of the ground acceleration in parallel and perpendicular to the axes of the structures. In the stations recording structural response and the accompanying stations recording the ground acceleration, the instruments are installed parallel to the structures whose earthquake response is needed. As two horizontal components of the accelerographs are named NS and EW always, the direction of the NS-component makes an angle to the due north direction in some of the accelerographs in the network.

Each station in the network has its own abbreviated name which implies its location, the type of its accelerograph and installation condition, on the ground or on the structure. For instance, the station in Hachinohe Port is named Hachinohe-S in which Hachinohe is the name of the place where the station is located and the capital letter S at the end of the abbreviated name is showing that the accelerograph in the station is the SMAC-B2 accelerograph. If the ERS-A accelerograph is being used in a station, the name of the place is followed by a capital letter M. As this naming is made to distinguish the stations accurately in the network, it may be a little difficult for the people outside the network to imagine the location from its name, especially for the people who does not understand the Japanese language. The detailed publication on the network will help those people to find the location as well as other necessary data of the station.5)

(4) Accelerograph

Two types of accelerographs are being used in the network, they are the SMAC-B2 accelerograph and the ERS-A accelerograph. The details of the accelerographs have been reported in the separate publications. 6, 7)

The triggering levels of the accelerographs in the network are 5 gals in places where ground noise is small and 8 gals in places where ground noise is relatively large because of heavy motor trucks for construction work or cargo transportation. Exceptionally a few number of the accelerographs located beside roads carrying very heavy traffic are triggered at 11 gals.

(5) Foundation and Housing

All the accelerographs in the network are installed on simple shallow foundations which were designed based upon the same idea. It was supposed that the shape and the dimensions of a foundation on which a seismograph is installed affects to the earthquake record obtained by it. However, as there was no convincing idea to design the most suitable foundation, the foundations of almost same size and of same shape were selected for all the accelerographs in the network. This makes it easier to compare accelerograms of an earthquake recorded at several stations. As the most of the harbour structures have shallow foundations and do not rest on bed rock, it was decided to make shallow foundations for the accelerographs, as shown in Fig. 2. The hollow space under the foundation was made to make the bulk density of the foundation equal to that of the soil, so that the disturbance to the records due to the foundation is eliminated.

Usually, no pile is used to support the accelerograph and its foundation, but in the stations on very soft soil or loose sand, concrete piles or wooden piles were used. For example, the foundations in the Hachinohe-S station and the Niigata-S station are supported by piles. The foundation is isolated from a housing covering the instrument.

The most of the accelerographs are covered with housings which were built for the instruments. Some of the accelerographs were installed in houses which had been built for other purposes. The housing built for the instruments are made of reinforced concrete or concrete blocks; some are prefabricated houses. In Photo 1, as an example, the housing of the Otaru-S station is shown; that is made of concrete blocks.

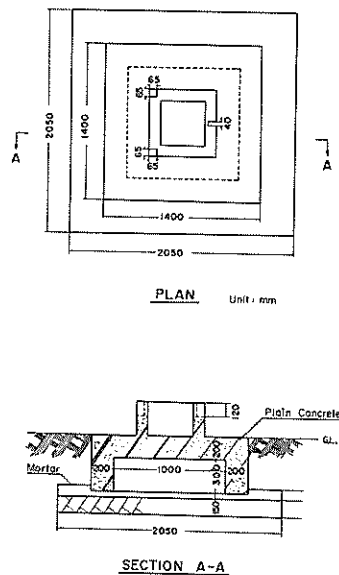


Fig. 2 Foundation for Accelerograph (SMAC-B2)

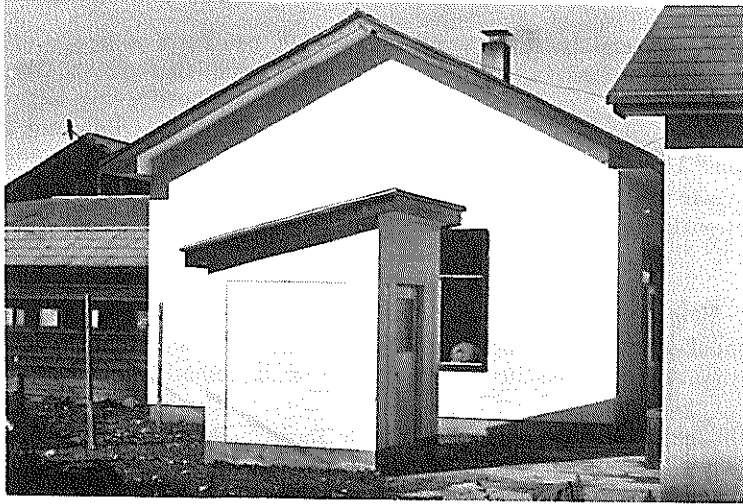


Photo 1 Housing of Otaru-S Station

3. Accelerogram Processing

(1) Preliminary Processing

The accelerograms collected at the Earthquake Resistant Structure Laboratory are listed in the tables "Strong-Motion Earthquake Observation Results", through the following processing.

At first, each accelerogram is given a record number according to the order of its arrival at the Laboratory. The record number for the accelerogram from the SMAC-B2 accelerograph begins with a capital letter S; and that from the ERS-A accelerograph, with a capital letter M.

Then, the earthquake corresponding to the accelerogram is confirmed or determined. Most of the accelerograms are sent from the stations with information on the earthquake for which the accelerograms have been obtained. But a few of the accelerograms are sent without such information because the accelerograms have been found in the regular servicings, and at the station it is difficult to find the corresponding earthquake. For the accelerogram without the information, the earthquake is determined considering the possible period of the recording and the earthquakes occurred in that period. The determination or the check is made based on the information distributed by the Japan Meteorological Agency (JMA) in the Ministry of Transport; that is "Preliminary Report on Earthquake and Volcanic Activity (Jishin Kazan Gaikyo)." Some of the accelerograms are impossible to determine their corresponding earthquakes even in the Laboratory and they are treated as earthquake unknown. It will be noted that the reliability of the earthquake determination for accelerograms of small acceleration is limited because of such procedure.

A direct copy is made from the original accelerogram and the maximum accelerations of each component are read with the aid of a magnifying glass. In this reading the base-line setting is not so accurate as that made in digitizing the accelerogram, since this is just preliminary processing. The difference between two accuracies in base-line setting, may cause a little difference between the maximum accelerations read with the magnifying glass and in the digitized record.

The accelerograms are classified in accordance with the earthquakes, and listed with their maximum accelerations in the tables "Strong-Motion Earthquake Observation Results". The items in the table will be explained in the following sub-sections. The Strong-Motion Earthquake Observation Results is compiled every two months and sent to all the stations. The copy of the accelerogram is also sent with the necessary direction on the maintenance of the instrument to the station where the accelerogram was obtained. The Strong-Motion Earthquake Observation Results are included in the later part of this report.

(2) Earthquake Data

The earthquake data except the remarks in the table are based upon the Preliminary Report on Earthquake and Volcanic Activity. Some of the remarks come from different sources.

The time in the earthquake data refers to the Japan Standard Time (JST) which is earlier than GMT by 9 hours.

The class in the earthquake data is showing the scale of the earthquake based on the distance between the epicenter and the furthest point where the shock is felt. The classification criteria are shown in Table 1.

Table 1 Classification of Earthquakes (After Ref. 8)

Remarkable earthquake:

Distance of furthest point where shock is felt, is greater than 300 km.

Moderate earthquake:

The distance is smaller than 300 km, but greater than 200 km.

Earthquake of small felt area:

The distance is smaller than 200 km, but greater than 100 km.

Local earthquake:

The distance is smaller than 100 km.

The magnitude in the earthquake data is determined using Tsuboi's formula:

$$M = \log(A_N^2 + A_E^2) + 1.731 \log D - 0.83 \dots \dots \dots (1)$$

where, M is the magnitude; A_N and A_E are the maximum amplitudes of N- and E-components in micron respectively; and D is the epicentral distance in km. Those ground amplitudes are of seismometers with periods of about 5 seconds, and of waves shorter than 5 seconds. The magnitude is the averaged value over magnitudes for every $\sqrt{A_N^2 + A_E^2}$ reported by the stations of JMA.

The intensity of the shock is estimated according to the scale as shown in Table 2.

Table 2. JMA Seismic Intensity Scale (After Ref. 8)

0:NO FEELING

Shocks too weak to cause human feelings and registered only by a seismograph.

1:SLIGHT

Extremely feeble shocks only felt by persons at rest or by those who are observant to an earthquakes.

2:WEAK

Shocks felt by most persons, slight shaking of doors and Japanese latticed sliding doors (shoji).

3:RATHER STRONG

Slight shaking of houses and buildings, rattling of doors and Japanese latticed sliding doors (shoji), swinging of hanging objects like electric lamps, moving of liquids in vessels.

4:STRONG

Strong shaking of houses and buildings, overturning of unstable objects, spilling of liquids out of vessels.

5:VERY STRONG

Cracks in the walls, overturning of gravestones, stone lanterns etc., damage to chimneys and mud-and-plaster warehouses.

6:DISASTROUS

Demolition of houses by less than 30% in total number, landslips, fissures in the ground etc.

7:VERY DISASTROUS

Demolition of houses by more than 30%, intense landslips, large fissures in the ground, faults.

(3) Accelerograph Results

The items in the accelerograph results have been explained previously. The maximum accelerations are those determined by the preliminary processing.

The accelerogram whose earthquake is unknown is not listed in the table, if both of its maximum horizontal accelerations are smaller than 20 gals. If at least one of the maximum accelerations is larger than 20 gals, then it is listed in the table, but the earthquake data can not be given.

4. Reproduced Accelerogram

The reproduced accelerograms in this report are offsets of full size from the original accelerograms. Therefore, 1 cm along the time axis corresponds to 1 second, and 1 cm of amplitude to 125 gals.

The direction written above and below each trace correspond to the directions of the ground acceleration when the motion of the ground is harmonic motion of frequency lower than the natural frequency of the pendulum of the accelerograph.

5. Digitized Record

The Earthquake Resistant Structure Laboratory intends to digitize all the accelerograms with maximum acceleration larger than 50 gals in the following procedure. As all of the digitized records in this report were obtained on the SMAC-B2 accelerograph, the procedure only for the accelerograms from the SMAC-B2 accelerograph will be described.

The direct copy of the accelerogram is made with the special photographic film whose base is stable against temperature and humidity. On the copy, the trace is black line and the background is semi-transparent. If the significant portion of the record is longer than 60 cm, the copy will be two sheets or more; more than 10 cm of the record on the both sides of the sheet is overlapping in the successive sheets.

With this copy, the record is digitized at equal time intervals of 0.01 second with an accelerogram digitizer as shown in Photo 2, which was designed especially for digitizing the accelerogram obtained on the SMAC-B2 accelerograph. If the portion to be digitized is longer than about 30 cm, the copy must be shifted on the table of the digitizer.



Photo 2 Accelerogram Digitizer

The acceleration is digitized in a rectangular co-ordinates and perforated on paper tape in the flexo writer code. Then the values are again perforated on paper tape in special code with a digital computer and converted into analog electronic voltage with a digital-analog converter. The output from the converter is recorded by an ink-writing oscillograph in appropriate amplitude. Then, the record is carefully examined whether any fault in the digitizing or in the base-line setting exists or not. If there is any fault, it is corrected in the digital computer. As the pen of the SMAC-B2 accelerograph moves along an arc and the record is digitized in a rectangular co-ordinates, the arc error introduced in the digitizing in time values is corrected at the same time. The acceleration values are not corrected since the sensitivity of the SMAC-B2 accelerograph is the ratio of the acceleration to the displacement of the pen measured at a right angle to the base-line.

After the correction, the digitized accelerations are series of values at unequal time intervals, but they are converted into values at equal time intervals by means of linear interpolation. The reason to make the digitized record at equal time intervals is that the records obtained by the ERS-A accelerograph are always digitized at equal time intervals with an analog-digital converter and it is convenient to have digitized records in one standard form for application of them. The digitized record at equal time intervals is also convenient for converting them with a digital-analog converter into analog electronic voltage which is used as an input to an analog computer.

The final results are printed on paper as seen in the last part of this report and also written on a magnetic tape for future use.

6. Preliminary Analyses

(1) Response Spectrum

The response spectra in the previous annual reports were calculated from the digitized records by a digital computer using the Runge-Kutta-Gill method to integrate numerically the equation of motion of the oscillator. The response spectra in the present report were calculated with a new procedure which is a step by step calculation of the exact solution to the governing differential equation. 9) No significant difference was seen in the results calculated by the both methods, according to the trial calculations.

The time interval of each step of the calculation is 0.01 second for the oscillators of natural periods longer than 0.2 second. For the oscillators of shorter periods, the small time intervals are selected so that one cycle of the undamped free oscillation of the oscillator is covered at least by 20 steps of the numerical calculation, to maintain the necessary accuracy. In these calculation, the digitized records at smaller time intervals are made by means of the interpolation in the computer. The response spectra are provided in numerical tables as well as in the figures.

To calculate the response spectrum, entire length of the record is not necessary; the last part of the record after the maximum response have appeared, is practically meaningless in the response calculation. Besides, the shorter record is more preferable from view point of the calculation time. The length of the record in the authors' calculation is limited within about 35 seconds. On some long records, their beginning parts of small acceleration are not used in the calculation so far as it is thought that the neglected parts do not affect the results of the calculation. The length of the record used for the calculation and the length of the beginning part which is not used, are shown in the numerical table as the time length and the skipped length respectively.

Although the smallest natural period in the response spectra in this report is 0.05 second, the spectral values for the shorter natural periods should be used taking the frequency characteristics of the SMAC-B2 accelerograph in mind. The ERS-A accelerograph has wider frequency range than that of the SMAC-B2 accelerograph and such caution is not necessary on the response spectra of the record by the ERS-A accelerograph.

(2) Fourier Spectrum

The Fourier spectra in this report are plots of the coefficients of the real Fourier series versus the periods. The real Fourier series of a periodic function is expressed by the following equation:

$$f(t) = a_0 + \sum_{m=1}^{\infty} \left(a_m \cos \frac{2\pi m}{T} t + b_m \sin \frac{2\pi m}{T} t \right) \dots \dots \dots (2a)$$

$$a_0 = \frac{1}{T} \int_0^T f(\tau) d\tau \dots \dots \dots (2b)$$

$$a_m = \frac{2}{T} \int_0^T f(\tau) \cos \frac{2\pi m}{T} \tau d\tau \dots \dots \dots (2c)$$

$$b_m = \frac{2}{T} \int_0^T f(\tau) \sin \frac{2\pi m}{T} \tau d\tau \dots \dots \dots (2d)$$

in which $f(t)$ is the periodic function; and T is the period. Although this series is, in principle, applicable only to a periodic function and no earthquake is periodic, the coefficients a_m and b_m are calculated on the most significant part of the records. The resultant c_m of the two coefficients are plotted in the figures which will appear in the later part of this report. The coefficient c_m given by,

$$c_m = \sqrt{a_m^2 + b_m^2} \dots\dots\dots (3)$$

is a discrete quantity against the period; in the figures however, the successive values are connected with straight lines to show the shape of the spectrum as a whole.

The length of the record used for the spectrum calculation are usually 5 seconds including the maximum acceleration. In the figures, TSK indicates the beginning of the used part for the calculation counted from the starting point of the digitized record in second; TUS indicates the length of the used part in second.

The Fourier spectrum in this report have been provided temporarily to give engineers the information to select the most appropriate record for their response calculation. In the future routine analyses of the Laboratory, the Fourier spectra described previously, will be replaced with more suitable spectra to represent the frequency characteristics of the strong-motion earthquake record.

Acknowledgements

This report largely depends upon the people who serviced the instruments so effectively, although they have handfull daily jobs and the servicing is quite additional. Their efforts should be appreciated not only by the authers but also by all the people who receive any benefit from the report. The authers also wish to express their appreciation to the organizations in concern, for their considerable supports to the observation.

References

- 1) Hajime Tsuchida, Teiichiro Yamada, Eiichi Kurata and Katsuko Sudo: Annual Report on Strong-Motion Earthquake Records in Japanese Ports (1963 and 1964), Technical Note of Port and Harbour Research Institute No. 55, September 1968, pp. 1-86
- 2) Hajime Tsuchida, Teiichiro Yamada, Eiichi Kurata and Katsuko Sudo: Annual Report on Strong-Motion Earthquake Records in Japanese Ports (1965 and 1966), Technical Note of Port and Harbour Research Institute No. 62, December 1968, pp. 1-145
- 3) Hajime Tsuchida, Eiichi Kurata and Katsuko Sudo: Annual Report on Strong-Motion Earthquake Records in Japanese Ports (1967), Technical Note of Port and Harbour Research Institute No. 64, March 1969, pp. 1-182

- 4) Hajime Tsuchida, Eiichi Kurata and Katsuko Sudo: Strong-Motion Earthquake Records on The 1968 Tokachi-Okai Earthquake And Its Aftershocks, Technical Note of The Port and Harbour Research Institute No. 80, June 1969, pp. 1-476
- 5) Hajime Tsuchida, Teiichiro Yamada and Eiichi Kurata: Site Characteristics of Strong-Motion Earthquake Stations in Ports and Harbours in Japan (Part 1), Technical Note of Port and Harbour Research Institute No. 34, November 1967, pp. 1-306
- 6) Satoshi Hayashi, Nobuo Miyajima and Teiichiro Yamada: Strong-Motion Earthquake Observation in Principal Ports (The Second Report), Technical Note of Port and Harbour Research Institute No. 15, February 1965, pp. 27-67
- 7) Satoshi Hayashi and Nobuo Miyajima: Strong-Motion Earthquake Observation in Principal Ports (The First Report), Technical Note of Port and Harbour Research Institute No. 10, April 1964, pp. 1-44
- 8) The Seismological Bulletin of The Japan Meteorological Agency for January 1965, No. 181, The Japan Meteorological Agency, 1966,
- 9) Nava C. Nigam and Paul C. Jennings: Calculation of Response Spectra from Strong-Motion Earthquake Records, Bulletin of the Seismological Society of America Vol. 59, No. 2, April 1969, pp.909-922

Observation Results
and
Preliminary Analyses

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	20:45 January 23, 1968	Intensities II Tokyo, Yokohama, Chiba I Mito, Mishima, Kofu
Location of Hypocenter		
Epicentral Region	N of Chiba Pref.	
Latitude	35.8°N	
Longitude	140.2°E	
Depth	70 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Yamashita-hen-S	on ground	S-225	4	3	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	19:19 January 29, 1968	Intensities IV Nemuro III Kushiro, Obihiro II Aomori, Ofunado I Hakodate, Hachinohe, Sakata
Location of Hypocenter		
Epicentral Region	E off Hokkaido	
Latitude	43.5°N	
Longitude	147.0°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kushiro-S	on ground	S-200	9	9	5	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	10:45 February 21, 1968	Intensities
Location of Hypocenter		V Hitoyoshi
Epicentral Region	SW of Miyazaki Pref.	IV Miyazaki, Nobeoka
Latitude	32.0°N	III Kagoshima, Oita, Kumamoto
Longitude	130.8°E	II Fukuoka
Depth	Very shallow	I Nagasaki
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kagoshima-S	on ground	S-201	19	17	--	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	19:19 February 22, 1968	Intensities
Location of Hypocenter		IV Hitoyoshi
Epicentral Region	SW of Miyazaki Pref.	III Kagoshima, Kumamoto
Latitude	32.0°N	II Miyazaki, Nobeoka
Longitude	130.8°E	I Fukuoka, Oita, Nagasaki
Depth	Very shallow	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kagoshima-S	on ground	S-202	6	3	--	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	05:00 February 26, 1968	Intensities
Location of Hypocenter		III Onahama, Tokyo
Epicentral Region	Off Fukushima Pref.	II Miyako, Ofunado
Latitude	37.6°N	I Chiba
Longitude	141.6°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Onahama-S	on ground	S-298	--	9	4	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	21:08 February 28, 1968	Intensities
Location of Hypocenter		III Tokyo
Epicentral Region	Off Tokaido	II Chiba, Onahama, Yokohama
Latitude	33.2°N	I Kushiro, Miyako
Longitude	137.9°E	
Depth	360 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Shinagawa-S	on ground	S-204	7	6	2	
Yamashita-hen-S	on ground	S-226	2	2	--	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	09:12 March 6, 1968	Intensities III Tokyo, Chiba, Yokohama II Maebashi, Chichibu I Cyoshi, Onahama
Location of Hypocenter		
Epicentral Region	SW of Ibaragi Pref.	
Latitude	36.2°N	
Longitude	140.0°E	
Depth	60 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Shinagawa-S	on ground	S-205	16	15	6	
Keihin-ji-S	on ground	S-222	6	6	3	
Yamashita-hen-S	on ground	S-227	13	13	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	11:54 March 7, 1968	Intensities III Tokyo, Chiba, Yokohama II Cyoshi, Mito, Katsuura I Maebashi, Utsunomiya
Location of Hypocenter		
Epicentral Region	Middle of Chiba Pref.	
Latitude	35.5°N	
Longitude	140.2°E	
Depth	50 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kashima-S	on ground	S-203	6	3	1	
Shinagawa-S	on ground	S-206	5	6	3	
Keihin-ji-S	on ground	S-223	7	10	2	
Yamashita-hen-S	on ground	S-228	14	8	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	00:59 March 25, 1968	Intensities
Location of Hypocenter		III Nobeoka, Kagoshima
Epicentral Region	SW of Miyazaki Pref.	II Asozan, Saga
Latitude	32.0°N	I Shimonoseki, Fukuoka
Longitude	130.8°E	
Depth	Very shallow	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kagoshima-S	on ground	S-207	13	8	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	01:21 March 25, 1968	Intensities
Location of Hypocenter		IV Hitoyoshi
Epicentral Region	SW of Miyazaki Pref.	II Miyazaki, Kumamoto, Nobeoka
Latitude	32.1°N	I Miyakonojyo
Longitude	131.0°E	
Depth	Very shallow	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kagoshima-S	on ground	S-248	3	1	--	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	04:04 March 30, 1968	Intensities II Tokushima, Sumoto I Wakayama, Osaka, Kobe
Location of Hypocenter	Epicentral Region Near Wakayama	
Latitude	34.2°N	
Longitude	135.1°E	
Depth		
Class	Local	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Komatsujima-S	on ground	S-208	--	--	--	Stylus pressure insufficient
Kochi-S	on ground	S-210	3	3	2	
Wakayama-ji-S	on ground	S-265	176	258	405	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	09:42 April 1, 1968	Intensities V Nobeoka IV Kagoshima, Kochi III Osaka, Hiroshima, Kobe II Wakayama, Tsuruga I Yokkaichi (1968 Hyuganada Earthquake)
Location of Hypocenter	Epicentral Region Hyuganada	
Latitude	32.3°N	
Longitude	132.6°E	
Depth	40 km	
Class	Remarkable	
Magnitude	7.5	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hososhima-S	on ground	S-213	180	246	69	Paper was not driven.
Kochi-S	on ground	S-211	66	90	30	
Kagoshima-S	on ground	S-214	14	14	4	
Kobe-Dai 6-S	on structure	S-215	8	8	3	
Kobe-Dai 8-S	on structure	S-216	6	6	3	
Osaka-ji-S	on ground	S-217	12	7	1	
Osaka-chuo-S	on structure	S-218	8	9	2	
Komatsujima-S	on ground	S-220	17	19	3	
Hiroshima-S	on ground	S-221	63	49	14	
Wakayama-ji-S	on ground	S-266	54	81	13	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	16:13 April 1, 1968	Intensities IV Nobeoka III Miyazaki, Kagoshima II Kumamoto, Matsuyama, Sakai I Shimonoseki, Kochi, Hiroshima
Location of Hypocenter		
Epicentral Region	Hyuganada	
Latitude	32.2°N	
Longitude	132.5°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kochi-S	on ground	S-212	4	5	3	Paper was not driven.
Hososhima-S	on ground	S-219	24	9	9	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	23:22 May 9, 1968	Intensities III Osaka, Yokkaichi II Nagoya, Tsuruga, Wakayama I Kobe
Location of Hypocenter		
Epicentral Region	Kumanonada	
Latitude	33.8°N	
Longitude	132.1°E	
Depth	20 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Nagoya-zokan-S	on ground	S-232	4	3	1	
Osaka-chuo-S	on structure	S-233	6	11	4	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	23:05 May 14, 1968	Intensities
Location of Hypocenter		IV Yakushima
Epicentral Region	SW off Yakushima	III Kagoshima
Latitude	29.3°N	II Kochi, Miyazaki
Longitude	129.5°E	I Nobeoka
Depth	60 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kagoshima-S	on ground	S-248	3	3	1	Stylus pressure of UD insufficient Stylus pressure of EW insufficient
Kochi-S	on ground	S-249	2	3	--	
Hososhima-S	on ground	S-251	7	--	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	09:49 May 16, 1968	Intensities
Location of Hypocenter		VI Tomakomai
Epicentral Region	E off N Honshu	V Hachinohe, Aomori
Latitude	40.7°N	IV Muroran, Onahama, Ofunado, Akita
Longitude	143.7°E	III Tokyo, Chiba, Niigata
Depth	20 km	II Yokohama
Class	Remarkable	I Shizuoka
Magnitude	7.8	(1968 Tokachi-Oki Earthquake)

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kushiro-S	on ground	S-262	34	36	15	
Otaru-S	on ground	S-267	17	17	11	
Muroran-S	on ground	S-234	209	140	70	
Aomori-S	on ground	S-235	213	180	131	
Hachinohe-S	on ground	S-252	235	188	80	
Miyako-S	on ground	S-236	118	95	31	
Ofunado-bo-S	on structure	S-269	89	148	36	
Onahama-S	on ground	S-299	--	9	3	
Kashima-S	on ground	S-239	11	16	--	
Shinagawa-S	on ground	S-240	9	7	13	
(To be continued)						

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	09:49 May 16 (Cont.)	Intensities
Location of Hypocenter		
Epicentral Region		
Latitude		
Longitude		
Depth		
Class		
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
(Continued)						
Yamashita-hen-S	on ground	S-247	6	5	1	
Akita-S	on ground	S-237	24	33	26	
Sakata-S	on ground	S-238	27	25	16	
Niigata-S	on ground	S-250	9	15	1	
Keihin-ji-S	on ground	S-246	15	10	4	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	19:39 May 16, 1968	Intensities V Urakawa IV Kushiro, Aomori, Akita, Ofunado III Nemuro, Muroran, Sakata, Miyako II Tokvo, Chiba, Niigata, Yokohama I Choshi, Karuizawa, Takada
Location of Hypocenter		
Epicentral Region	E off Aomori Pref.	
Latitude	41.1°N	
Longitude	143.3°E	
Depth	20 km	
Class	Remarkable	
Magnitude	7.4	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kushiro-S	on ground	S-263	19	16	7	
Otaru-S	on ground	S-268	5	7	5	
Muroran-S	on ground	S-241	95	62	30	
Aomori-S	on ground	S-264	56	86	25	
Miyako-S	on ground	S-271	91	75	17	
Akita-S	on ground	S-292	9	7	4	
Sakata-S	on ground	S-245	8	8	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	03:43 May 17, 1968	Intensities
Location of Hypocenter		III Miyako, Hachinohe, Aomori
Epicentral Region	E off N Honshu	II Ofunado, Kushiro
Latitude	40.8°N	I Akita, Muroran
Longitude	143.0°E	
Depth	60 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Muroran-S	on ground	S-242	8	4	1	
Miyako-S	on ground	S-272	34	42	7	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	04:17 May 17, 1968	Intensities
Location of Hypocenter		III Hachinohe, Miyako, Aomori
Epicentral Region	E off Aomori Pref.	II Kushiro, Muroran
Latitude	41.2°N	I Ofunado
Longitude	142.5°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Muroran-S	on ground	S-243	16	11	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	05:22 May 17, 1968	Intensities III Hachinohe II Aomori, Miyako, Kushiro I Muroran, Ofunado, Onahama
Location of Hypocenter		
Epicentral Region	E off Aomori Pref.	
Latitude	41.3°N	
Longitude	142.9°E	
Depth	40 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Muroran-S	on ground	S-244	11	8	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	08:05 May 18, 1968	Intensities III Ofunado, Hachinohe, Aomori II Kushiro, Onahama I Tokyo
Location of Hypocenter		
Epicentral Region	E off N Honshu	
Latitude	39.6°N	
Longitude	143.6°E	
Depth	20 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Ofunado-S	on ground	S-282	83	50	18	
Oufnado-bo-S	on structure	S-270	55	116	29	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	19:52 May 22, 1968	Intensities
Location of Hypocenter		III Hachinohe
Epicentral Region	E off Aomori Pref.	II Aomori, Kushiro, Miyako
Latitude	41.6°N	I Ofunado, Nemuro, Otaru
Longitude	142.9°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Muroran-S	on ground	S-323	6	7	--	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	04:29 May 23, 1968	Intensities
Location of Hypocenter		III Hachinohe, Miyako, Aomori
Epicentral Region	Off Iwate Pref.	II Sakata, Ofunado
Latitude	40.2°N	I Akita, Kushiro, Onahama
Longitude	142.5°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Miyako-S	on ground	S-273	60	55	10	
Ofunado-S	on ground	S-286	16	18	15	
Ofunado-bo-S	on structure	S-277	18	45	12	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	20:53 May 25, 1968	Intensities II Hachinohe, Aomori, Miyako I Kushiro, Akita, Ofunado
Location of Hypocenter		
Epicentral Region	E off N Honshu	
Latitude	40.4°N	
Longitude	143.3°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-294	2	3	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	02:41 May 27, 1968	Intensities III Miyako, Hachinohe II Aomori I Ofunado
Location of Hypocenter		
Epicentral Region	Off Iwate Pref.	
Latitude	40.0°N	
Longitude	142.5°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-295	6	6	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	04:52 June 1, 1968	Intensities II Hachinohe, Aomori I Urakawa
Location of Hypocenter		
Epicentral Region	E off Aomori Pref.	
Latitude	41.3°N	
Longitude	142.6°E	
Depth	20 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-300	2	1	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	12:58 June 1, 1968	Intensities II Ofunado, I Miyako
Location of Hypocenter		
Epicentral Region	Off Miyagi Pref.	
Latitude	38.3°N	
Longitude	141.9°E	
Depth	40 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-301	2	--	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	19:32 June 1, 1968	Intensities
Location of Hypocenter		III Aomori, Miyako
Epicentral Region	Off Iwate Pref.	II Morioka
Latitude	40.2°N	I Kushiro, Sakata
Longitude	142.5°E	
Depth	60 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-302	10	10	5	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	03:21 June 7, 1968	Intensities
Location of Hypocenter		III Hachinohe
Epicentral Region	E off Aomori Pref.	II Miyako
Latitude	40.5°N	I Ofunado
Longitude	142.3°E	
Depth	40 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-308	6	5	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	06:17 June 7, 1968	Intensities
Location of Hypocenter		III Hachinohe, Aomori
Epicentral Region	E off Aomori Pref.	II Miyako
Latitude	41.4°N	I Ofunado, Kushiro
Longitude	142.7°E	
Depth	50 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Aomori-S	on ground	S-303	13	15	3	
Muroran-S	on ground	S-326	4	3	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	05:55 June 9, 1968	Intensities
Location of Hypocenter		II Hachinohe, Aomori
Epicentral Region	E off Aomori Pref.	I Miyako
Latitude	41.4°N	
Longitude	141.4°E	
Depth	20 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-309	2	2	1	
Muroran-S	on ground	S-327	6	5	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	22:42 June 12, 1968	Intensities IV Aomori, Hachinohe, Miyako III Kushiro, Ofunado, Onahama, Akita, Sakata II Tokyo, Yokohama, Chiba, Niigata
Location of Hypocenter		
Epicentral Region	Off Iwate Pref.	
Latitude	39.4°N	
Longitude	143.3°E	
Depth	20 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kushiro-S	on ground	S-305	4	3	3	
Muroran-S	on ground	S-328	4	3	2	
Aomori-S	on ground	S-304	17	22	13	
Hachinohe-S	on ground	S-310	35	30	20	
Miyako-S	on ground	S-312	112	96	27	
Ofunado-bo-S	on Structure	S-335	41	89	20	
Onahama-S	on ground	S-374	6	7	3	
Akita-S	on ground	S-306	9	7	3	
Sakata-S	on ground	S-337	9	13	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	06:57 June 13, 1968	Intensities III Hachinohe I Onahama, Miyako
Location of Hypocenter		
Epicentral Region	Off Iwate Pref.	
Latitude	39.4°N	
Longitude	143.3°E	
Depth	60 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Akita-S	on ground	S-307	2	1	1	
Hachinohe-S	on ground	S-311	8	9	3	
Miyako-S	on ground	S-313	51	36	12	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	09:05 June 13, 1968	Intensities
Location of Hypocenter		III Morioka
Epicentral Region	Off Iwate Pref.	II Hachinohe, Miyako, Aomori
Latitude	39.7°N	I Kushiro, Sakata, Akita
Longitude	143.1°E	
Depth	20 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-320	5	7	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	11:06 June 13, 1968	Intensities
Location of Hypocenter		III Miyako
Epicentral Region	Off Iwate Pref.	II Hachinohe, Ofunado
Latitude	39.3°N	I Akita, Sakata, Aomori
Longitude	143.2°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Miyako-S	on ground	S-314	8	11	1	
Hachinohe-S	on ground	S-315	3	3	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	17:48 June 13, 1968	Intensities
Location of Hypocenter		II Miyako
Epicentral Region	E off N Honshu	I Hachinohe, Ofunado
Latitude	39.0°N	
Longitude	143.4°E	
Depth	Moderate	
Class		
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-316	3	3	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	20:56 June 13, 1968	Intensities
Location of Hypocenter		III Miyako
Epicentral Region	E off N Honshu	II Hachinohe, Ofunado
Latitude	39.1°N	I Sakata, Aomori
Longitude	143.3°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-317	6	4	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	06:10 June 14, 1968	Intensities II Ofunado, Aomori, Miyako I Sakata
Location of Hypocenter		
Epicentral Region	Off Iwate Pref.	
Latitude	39.5°N	
Longitude	143.0°E	
Depth	30 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-318	4	4	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	12:18 June 14, 1968	Intensities III Miyako II Hachinohe, Ofunado, I Kushiro, Sakata, Aomori, Akita
Location of Hypocenter		
Epicentral Region	Off Iwate Pref.	
Latitude	39.5°N	
Longitude	143.1°E	
Depth	60 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-321	2	2	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	20:52 June 14, 1968	Intensities
Location of Hypocenter		III Miyako, Ofunado
Epicentral Region	Off Iwate Pref.	II Hachinohe
Latitude	39.2°N	I Akita, Aomori, Sakata
Longitude	143.0°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-322	2	2	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	12:32 June 15, 1968	Intensities
Location of Hypocenter		III Miyako
Epicentral Region	Off Iwate Pref.	II Hachinohe, Ofunado
Latitude	39.4°N	I Aomori, Kushiro
Longitude	134.3°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-319	5	5	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	20:53 June 17, 1968	Intensities III Hachinohe, Aomori II Kushiro, Miyako, I Akita, Otaru, Muroran, Ofunado, Sakata
Location of Hypocenter		
Epicentral Region	E off N Honshu	
Latitude	40.9°N	
Longitude	143.7°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-329	8	7	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	17:15 June 20, 1968	Intensities III Hachinohe II Miyako I Aomori
Location of Hypocenter		
Epicentral Region	Off Iwate Pref.	
Latitude	40.2°N	
Longitude	142.5°E	
Depth	20 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-330	3	4	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	19:23 June 26, 1968	Intensities
Location of Hypocenter		III Hachinohe
Epicentral Region	S off Hokkaido	II Kushiro, Aomori
Latitude	41.9°N	I Miyako, Muroran
Longitude	143.0°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-348	4	3	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	02:12 June 28, 1968	Intensities
Location of Hypocenter		III Hachinohe
Epicentral Region	Off Iwate Pref.	II Miyako, Aomori
Latitude	40.2°N	I Ofunado
Longitude	142.2°E	
Depth	20 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-349	4	5	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	19:45 July 1, 1968	Intensities
Location of Hypocenter		IV Tokyo, Yokohama
Epicentral Region	Middle of Saitama Pref.	III Onahama
Latitude	36.0°N	II Nagoya
Longitude	139.4°E	I Yokkaichi, Sakata, Tsuruga
Depth	70 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Keihin-ji-S	on ground	S-338	--	35	16	
Yamashita-hen-S	on ground	S-339	45	44	10	
Shinagawa-S	on ground	S-340	63	88	22	
Shinagawa-M	on structure	M-015	63	35	--	
Koken-S	on ground	S-342	3	5	3	
Kashima-S	on ground	S-341	28	35	8	
(To be continued)						

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	19:45 July 1 (Cont.)	Intensities
Location of Hypocenter		
Epicentral Region		
Latitude		
Longitude		
Depth		
Class		
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
(Continued)						
Okitsu-S	on ground	S-346	4	3	1	
Shimizu-sekitan-S	on ground	S-347	9	12	3	
Nagoya-zokan-S	on ground	S-357	6	6	2	
Nagoya-inae-S	on structure	S-358	5	9	3	
Onahama-S	on ground	S-375	39	30	8	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	09:34 July 4, 1968	Intensities
Location of Hypocenter		III Yokohama
Epical Region	E off Oshima	II Tokyo, Chiba
Latitude	34.5°N	I Choshi
Longitude	139.9°E	
Depth	60 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Koken-S	on ground	S-343	5	6	4	
Keihin-ji-S	on ground	S-344	10	5	4	
Yamashita-hen-S	on ground	S-345	24	11	4	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	20:28 July 5, 1968	Intensities
Location of Hypocenter		IV Ofunado
Epical Region	Off Miyagi Pref.	III Hachinohe, Onahama, Miyako
Latitude	38.4°N	II Tokyo, Sakata, Aomori, Yokohama
Longitude	142.2°E	Akita
Depth	40 km	I Kushiro
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Shiogama-S	on ground	S-350	17	15	18	
Akita-S	on ground	S-351	1	1	1	
Hachinohe-S	on ground	S-353	8	7	4	
Miyako-S	on ground	S-356	17	19	5	
Ofunado-S	on ground	S-361	24	51	19	
Onahama-S	on ground	S-376	8	8	3	
Yamashita-hen-S	on ground	S-384	6	3	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	22:16 July 7, 1968	Intensities
Location of Hypocenter		II Miyako, Hachinohe
Epicentral Region	Off Iwate Pref.	I Kushiro, Ofunado, Aomori
Latitude	39.4°N	
Longitude	142.9°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-354	2	2	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	12:53 July 8, 1968	Intensities
Location of Hypocenter		III Hachinohe
Epicentral Region	E off Aomori Pref.	I Aomori, Miyako
Latitude	40.9°N	
Longitude	142.0°E	
Depth	40 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-355	3	3	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	17:06 July 9, 1968	Intensities	II Miyako, Ofunado
Location of Hypocenter		I Hachinohe	
Epicentral Region	Off Iwate Pref.		
Latitude	39.2°N		
Longitude	143.2°E		
Depth	40 km		
Class	Moderate		
Magnitude			

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kushiro-S	on ground	S-360	4	5	--	Stylus pressure of UD insufficient

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	09:44 July 12, 1968	Intensities	III Miyako
Location of Hypocenter		II Aomori, Hachinohe, Ofunado	
Epicentral Region	E off N Honshu	I Akita, Sakata, Kushiro, Muroran	
Latitude	39.8°N	Miyako	
Longitude	143.5°E		
Depth	40 km		
Class	Remarkable		
Magnitude	6.7		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-385	5	5	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	12:56 July 12, 1968	Intensities
Location of Hypocenter		III Miyako
Epicentral Region	E off N Honshu	II Hachinohe, Aomori
Latitude	39.7°N	I Akita, Ofunado, Sakata, Onahama
Longitude	143.3°E	
Depth	40 km	
Class	Remarkable	
Magnitude	6.4	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-386	3	4	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	09:14 July 22, 1968	Intensities
Location of Hypocenter		III Urakawa
Epicentral Region	S off Hokkaido	II Kushiro, Hachinohe, Otaru
Latitude	42.3°N	
Longitude	142.7°E	
Depth	80 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-359	4	3	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	01:17 August 6, 1968	Intensities V Oita IV Nobeoka, Kagoshima III Kochi, Hiroshima, Sakai II Osaka, Kobe I Nagoya, Wakayama
Location of Hypocenter		
Epicentral Region	W coast of Ehime Pref.	
Latitude	33.3°N	
Longitude	132.4°E	
Depth	20 km	
Class		
Magnitude	6.6	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hiroshima-S	on ground	S-364	63	51	29	
Komatsujima-S	on ground	S-365	7	11	3	
Kochi-S	on ground	S-367	39	39	--	
Kagoshima-S	on ground	S-368	5	5	2	
Hososhima-S	on ground	S-366	44	39	14	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	17:00 August 7, 1968	Intensities IV Kushiro III Nemuro II Obihiro I Hachinohe
Location of Hypocenter		
Epicentral Region	SE of Hokkaido	
Latitude	42.7°N	
Longitude	144.9°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kushiro-S	on ground	S-369	34	60	24	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	13:55 August 8, 1968	Intensities
Location of Hypocenter		III Shirakawa
Epicentral Region	Off Ibaragi Pref.	II Onahama, Chiba
Latitude	36.5°N	I Yokohama, Tokyo
Longitude	141.6°E	
Depth	40 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Onahama-S	on ground	S-407	5	6	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	20:28 August 8, 1968	Intensities
Location of Hypocenter		II Uwajima
Epicentral Region	W coast of Ehime Pref.	I Hiroshima
Latitude	33.3°N	
Longitude	132.3°E	
Depth	30 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hososhima-S	on ground	S-377	2	2	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	16:12 August 18, 1968	Intensities IV Maizuru III Osaka II Kobe, Tokushima, Nagoya, Tsuruga Sakai I Wakayama, Kochi
Location of Hypocenter		
Epical Region	Middle of Kyoto Pref.	
Latitude	35.2°N	
Longitude	135.4°E	
Depth	10 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kobe-dai 8-S	on structure	S-379	10	7	4	
Kobe-ji-S	on ground	S-381	11	8	3	
Kobe-dai 6-S	on structure	S-382	15	9	3	
Osaka-chuo-S	on structure	S-380	7	7	6	
Nagoya-zokan-S	on ground	S-383	5	4	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	21:58 August 27, 1968	Intensities III Osaka II Kobe I Tsuruga, Wakayama
Location of Hypocenter		
Epical Region	Near Kyoto	
Latitude	35.0°N	
Longitude	135.7°E	
Depth	20 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Osaka-chuo-S	on structure	S-387	13	27	15	
Osaka-ji-S	on ground	S-388	14	8	5	
Kobe-dai 6-S	on structure	S-390	15	15	5	
Kobe-dai 8-S	on structure	S-392	7	8	5	
Kobe-ji-S	on ground	S-391	15	21	7	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	11:45 August 30, 1968	Intensities		
Location of Hypocenter		II Hachinohe, Aomori		
Epicentral Region	Off Iwate Pref.	I Miyako, Kushiro		
Latitude	40.1°N			
Longitude	143.1°E			
Depth	40 km			
Class	Remarkable			
Magnitude				

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-389	3	2	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	14:23 September 3, 1968	Intensities		
Location of Hypocenter		III Kushiro		
Epicentral Region	SE off Nemuro Pen.	II Hiroo		
Latitude	43.1°N	I Miyako		
Longitude	145.1°E			
Depth	40 km			
Class	Remarkable			
Magnitude				

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kushiro-S	on ground	S-394	19	32	12	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	16:01 September 3, 1968	Intensities
Location of Hypocenter		III Miyako, Ofunado
Epicentral Region	Off Miyagi Pref.	II Onahama, Hachinohe
Latitude	38.0°N	
Longitude	141.6°E	
Depth	70 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Shiogama-S	on ground	S-393	9	9	10	
Onahama-S	on ground	S-408	1	1	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	04:23 September 7, 1968	Intensities
Location of Hypocenter		III Kagoshima, Miyazaki
Epicentral Region	Near Yakushima	II Makurazaki
Latitude	31.7°N	I Oita
Longitude	132.0°E	
Depth	40 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kagoshima-S	on ground	S-395	6	4	2	
Hososhima-S	on ground	S-396	7	3	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	19:50 September 15, 1968	Intensities
Location of Hypocenter		II Aomori
Epicentral Region	Far off Sanriku	I Akita, Hachinohe, Miyako
Latitude	40.8°N	
Longitude	143.5°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-397	3	3	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	20:06 September 21, 1968	Intensities
Location of Hypocenter		V Urakawa
Epicentral Region	Off Urakawa	IV Aomori, Hachinohe
Latitude	41.9°N	III Kushiro, Tomakomai, Otaru, Muroran
Longitude	142.8°E	Miyako
Depth	40 km	II Ofunado, Sakata
Class	Remarkable	I Tokyo, Yokohama, Onahama
Magnitude	6.9	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Muroran-S	on ground	S-399	46	40	19	
Aomori-S	on ground	S-400	21	25	14	
Hachinohe-S	on ground	S-401	36	29	11	
Akita-S	on ground	S-398	2	3	2	
Onahama-S	on ground	S-409	--	--	--	
Otaru-S	on ground	S-403	7	8	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	04:25 September 24, 1968	Intensities
Location of Hypocenter		III Hachinohe
Epicentral Region	Off Iwate Pref.	II Morioka
Latitude	40.2°N	I Miyako
Longitude	142.3°E	
Depth	20 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-402	2	2	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	06:37 September 26, 1968	Intensities
Location of Hypocenter		III Hachinohe
Epicentral Region	Off Urakawa	II Urakawa
Latitude	41.6°N	I Miyako, Aomori, Kushiro
Longitude	142.4°E	
Depth	40 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-404	2	2	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	04:22 October 8, 1968	Intensities III Tokyo, Onahama II Chiba I Hachinohe, Aomori, Yokohama
Location of Hypocenter		
Epicentral Region	Near Bonin Islands	
Latitude	25.7°N	
Longitude	142.0°E	
Depth	300 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Onahama-S	on ground	S-410	7	8	--	
Keihin-ji-S	on ground	S-413	6	6	2	
Yamashita-hen-S	on ground	S-411	6	6	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	05:49 October 8, 1968	Intensities IV Urakawa III Kushiro, Hachinohe, Tomakomai II Muroran, Aomori, Otaru I Ofunado, Akita
Location of Hypocenter		
Epicentral Region	Off Urakawa	
Latitude	41.7°N	
Longitude	143.1°E	
Depth	60 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kushiro-S	on ground	S-416	4	8	3	
Hachinohe-S	on ground	S-417	6	6	3	
Muroran-S	on ground	S-436	16	11	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	09:50 October 8, 1968	Intensities
Location of Hypocenter		IV Chiba
Epicentral Region	Middle of Chiba Pref.	III Tokyo, Yokohama
Latitude	35.4°N	II Mito
Longitude	140.1°E	I Onahama
Depth	70 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Keihin-ji-S	on ground	S-414	21	14	8	
Yamashita-dai 6-S	on structure	S-415	99	28	12	
Yamashita-hen-S	on ground	S-412	63	23	13	
Shinagawa-S	on ground	S-441	44	56	9	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	18:19 November 7, 1968	Intensities
Location of Hypocenter		III Miyako, Hachinohe
Epicentral Region	Off Iwate Pref.	II Ofunado
Latitude	40.2°N	I Aomori, Kushiro
Longitude	142.6°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-418	5	5	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	23:41 November 11, 1968	Intensities
Location of Hypocenter		II Miyako, Aomori
Epicentral Region	Far off Sanriku	I Kushiro, Hachinohe, Ofunado
Latitude	40.2°N	
Longitude	143.6°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-422	3	4	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	17:51 November 12, 1968	Intensities
Location of Hypocenter		II Hachinohe, Kushiro
Epicentral Region	Off Kushiro	I Urakawa
Latitude	41.1°N	
Longitude	143.9°E	
Depth	40 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kushiro-S	on ground	S-432	4	3	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	03:42 November 14, 1968	Intensities III Hachinohe, Miyako, Ofunado II Aomori I Onahama, Sakata, Kushiro
Location of Hypocenter		
Epicentral Region	Off Iwate Pref.	
Latitude	40.2°N	
Longitude	142.5°E	
Depth	20 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Miyako-S	on ground	S-420	51	33	5	
Hachinohe-S	on ground	S-423	8	6	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	21:12 November 14, 1968	Intensities IV Aburatsu III Miyakonojyo II Miyazaki I Kagoshima, Nobeoka
Location of Hypocenter		
Epicentral Region	Hyuganada	
Latitude	31.6°N	
Longitude	131.8°E	
Depth	20 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hososhima-S	on ground	S-419	9	5	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	02:17 November 19, 1968	Intensities
Location of Hypocenter		II Chiba
Epical Region	Off Ibaragi Pref.	I Choshi
Latitude	36.3°N	
Longitude	140.8°E	
Depth	40 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kashima-S	on ground	S-421	7	6	2	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	14:22 November 23, 1968	Intensities
Location of Hypocenter		II Hachinohe
Epical Region	Off Iwate Pref.	I Miyako, Aomori
Latitude	40.2°N	
Longitude	142.4°E	
Depth	20 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-428	3	2	1	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	06:21 November 25, 1968	Intensities III Miyako, Hachinohe, Aomori II Kushiro I Yokohama, Onahama, Ofunado
Location of Hypocenter		
Epicentral Region	Off Iwate Pref.	
Latitude	40.2°N	
Longitude	142.6°E	
Depth	70 km	
Class	Remarkable	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Aomori-S	on ground	S-424	9	8	2	
Hachinohe-S	on ground	S-429	9	9	5	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	16:00 November 28, 1968	Intensities III Ofunado II Miyako, Hachinohe I Aomori
Location of Hypocenter		
Epicentral Region	Off Iwate Pref.	
Latitude	40.2°N	
Longitude	142.5°E	
Depth	40 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Hachinohe-S	on ground	S-430	5	5	3	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	01:43 December 9, 1968	Intensities
Location of Hypocenter		III Mishima
Epicentral Region	W part of Kanagawa Pref.	II Tokyo, Yokohama, Chiba
Latitude	35.4°N	I Tateyama
Longitude	139.0°E	
Depth	20 km	
Class	Small felt area	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Keihin-ji-S	on ground	S-426	4	4	1	
Yamashita-hen-S	on ground	S-427	10	9	3	

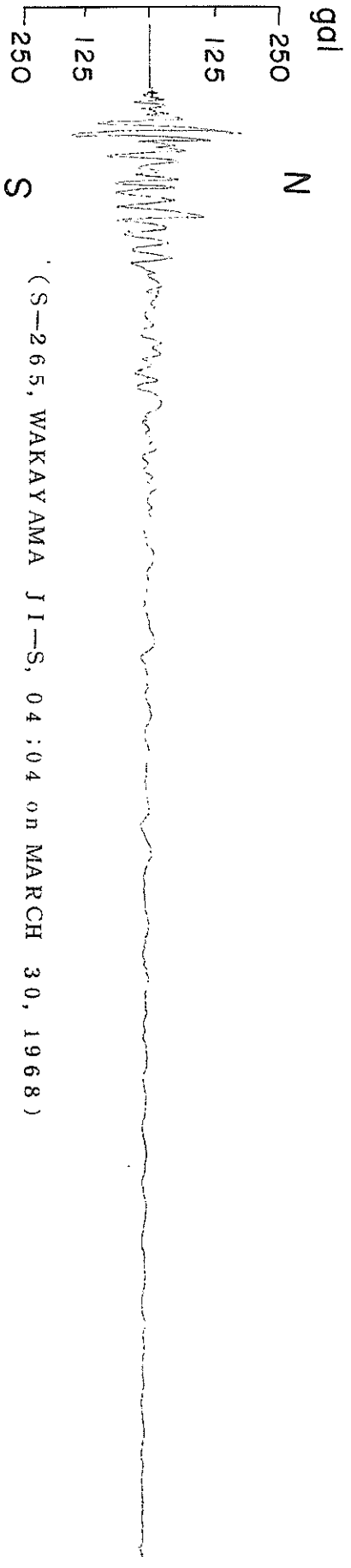
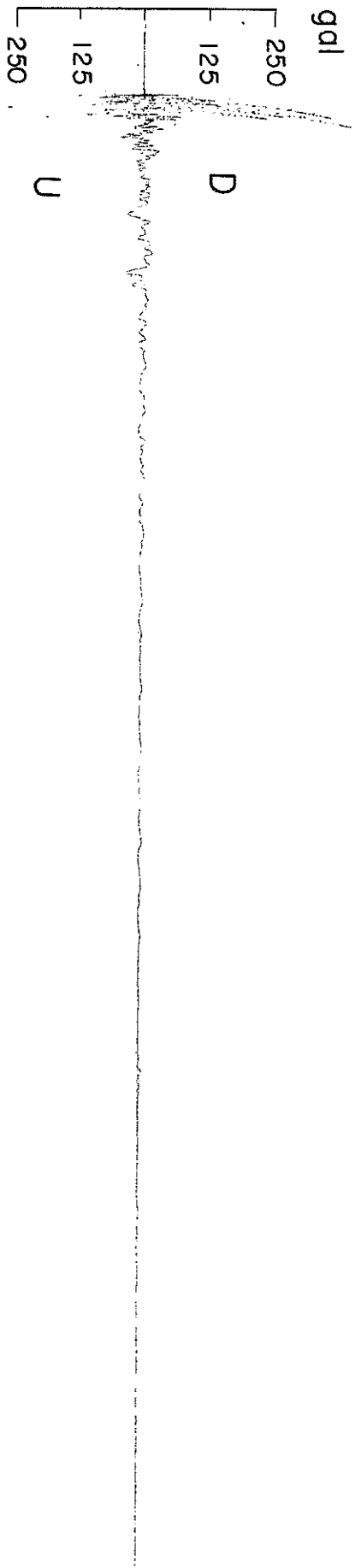
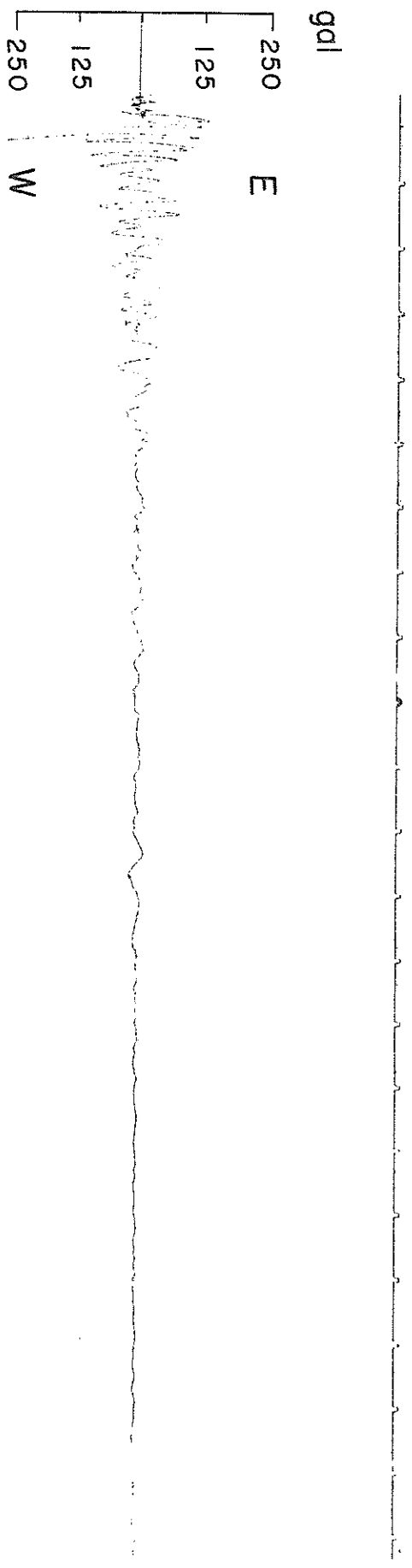
STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	20:45 December 11, 1968	Intensities
Location of Hypocenter		III Kochi
Epicentral Region	West prt of Kochi Pref.	II Wakayama, Sakai, Osaka, Kobe
Latitude	33.7°N	I Hiroshima
Longitude	134.1°E	
Depth	50 km	
Class	Moderate	
Magnitude		

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Kochi-S	on ground	S-431	19	26	5	



(S-265, WAKAYAMA JI-S, 04:04 on MARCH 30, 1968)

RECORD=S-265
 DATE AND TIME=1968-03-30-04-04

COMPONENT=N-S
 SAMPLING INTERVAL= 0.010 (SEC)

SIGNAL=GR.ACC.
 CORRECTION=ARC.ERR.
 FORMAT NO.=501

STATION=WAKAYAMA JT-S
 TOTAL NUMBER OF DATA= 1500

NO.	()	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	0.01	-31.94	-72.36	15.51	-60.94	10.04	21.81	-4.59	19.99	-20.58	
2	2.91	-1.78	-48.58	-0.00	-54.75	16.56	18.12	-2.70	21.00	-22.40	
3	10.20	28.80	-24.86	-40.32	21.75	14.21	14.21	-1.60	20.93	-22.27	
4	5.91	128.84	-1.39	-40.89	32.80	9.88	20.11	0.00	20.12	-21.11	
5	-6.09	141.88	27.17	-55.09	-0.40	39.85	4.48	0.00	18.12	-20.16	
6	-16.92	172.47	46.85	-65.50	10.09	41.78	-0.00	2.50	16.70	-18.35	
7	-15.46	144.54	53.59	-68.18	18.75	41.89	-5.30	3.90	11.83	-13.59	
8	-10.80	98.06	54.34	-64.47	23.61	47.41	-5.91	6.33	11.83	-8.57	
9	0.70	51.58	49.41	-57.02	27.75	26.94	-6.57	5.91	-1.70	-6.56	
10	11.94	5.10	40.16	-49.29	29.65	17.00	-3.19	6.88	-4.72	-2.29	
11	7.08	-41.37	27.56	-36.98	30.44	7.95	1.70	5.40	-9.38	6.32	
12	21.71	-87.85	13.80	-18.66	30.68	-2.94	5.93	4.56	-13.75	9.35	
13	13.50	-151.41	4.46	-2.97	28.46	-22.80	9.56	-3.31	-14.89	12.23	
14	3.63	-158.21	-4.32	12.52	22.80	-30.66	12.68	-7.95	-14.44	13.04	
15	-19.34	-145.03	-9.53	31.60	12.99	-34.17	14.64	-11.76	-10.82	14.10	
16	-28.90	-92.84	-16.38	40.35	-34.20	11.39	13.89	-13.89	-3.99	14.11	
17	-32.53	-40.65	-19.78	42.55	-29.44	11.18	15.91	-15.91	0.00	15.44	
18	-23.42	11.53	-24.07	45.36	-17.43	10.40	16.10	-16.10	2.70	15.36	
19	-4.35	63.79	-25.61	44.00	-29.25	-20.37	10.39	-15.99	4.30	16.46	
20	26.19	96.81	-26.04	37.67	-40.64	-18.70	9.99	-13.99	4.89	17.52	
21	32.14	111.07	-16.15	28.56	-51.29	-14.92	9.52	-13.65	3.20	19.39	
22	28.57	107.07	5.69	19.20	-50.03	-13.33	5.59	-12.54	1.80	20.65	
23	10.05	95.63	19.09	9.67	-44.37	-11.55	4.29	-13.72	-0.00	23.18	
24	16.46	63.25	24.52	-5.80	-36.80	-9.95	2.50	-14.33	-4.92	23.82	
25	8.29	30.87	22.00	-20.52	-26.20	-7.77	2.70	-15.01	-8.98	23.88	
26	-19.38	-1.51	16.18	-38.23	-36.20	-5.65	2.50	-15.13	-13.85	22.96	
27	-11.93	-17.79	5.78	-49.01	-7.27	0.90	2.40	-13.63	-17.39	22.61	
28	-0.51	-17.79	-10.01	-60.19	3.72	5.41	2.20	-11.86	-19.01	22.66	
29	-4.83	6.24	-24.51	-64.53	10.94	7.72	3.71	-7.21	-25.32	22.29	
30	4.90	23.28	-28.78	-54.69	20.16	8.57	5.71	1.10	-26.85	21.99	
31	5.09	35.39	-15.25	-39.50	24.66	8.10	7.31	6.68	-26.85	21.99	
32	3.47	42.00	1.81	-21.53	30.13	1.20	8.59	15.00	-27.65	21.89	
33	26.92	42.00	26.39	-11.39	32.46	-3.71	7.97	17.01	-27.15	21.58	
34	27.88	38.42	40.58	27.97	34.25	-5.60	6.08	18.79	-25.45	19.56	
35	14.75	19.60	50.78	48.41	33.42	-5.19	3.99	20.11	-22.93	19.02	
36	-10.15	9.85	50.55	31.71	-4.00	-4.00	1.40	22.24	-19.77	17.80	
37	4.83	7.93	37.81	67.68	28.33	-2.70	21.71	-16.56	-16.56	14.91	
38	2.02	33.63	16.91	85.39	20.23	-1.00	-4.31	21.60	-4.96	13.03	
39	45.14	51.50	-16.36	95.00	9.94	1.30	19.41	1.70	11.23	11.23	
40	55.51	55.62	103.14	-5.87	3.71	3.71	-7.21	14.85	4.93	8.74	
41	58.95	59.61	-63.27	-15.25	6.34	6.34	-8.51	11.72	11.03	4.89	
42	40.40	48.96	101.76	-22.80	10.49	10.49	-9.80	15.84	15.84	3.19	
43	15.07	54.20	-66.50	92.72	-30.66	14.40	-9.00	5.90	-0.00	-0.00	
44	-11.07	13.14	-57.36	70.76	-34.00	16.51	-9.19	5.40	14.54	-4.21	
45	-47.80	-5.26	-61.84	44.37	-35.03	16.75	-8.69	6.21	8.89	-6.32	
46	-88.31	5.08	-71.45	-34.63	-34.63	17.57	-8.09	7.64	2.39	-8.79	
47	-104.74	-39.60	28.60	-14.45	-31.63	18.70	-7.40	10.70	-1.90	-7.99	
48	-109.01	-58.77	40.32	-33.24	-27.40	20.15	-7.19	14.84	-7.36	-7.36	
49	-92.27	-56.64	41.41	-52.95	-19.32	22.93	-5.99	17.73	-12.89	-6.38	
50	-62.11	-44.12	30.96	-64.95	-9.04	23.78	-5.30	19.62	-18.07	-4.20	

RECORD=S-265
DATE AND TIME=1968-03-30-04-04
COMPONENT=N-S
SAMPLING INTERVAL= 0.010(SEC)
CORRECTION=APC,ERR.
FORMAT NO.=301

SIGNAL=GR.ACC.
TOTAL NUMBER OF DATA= 1500

STATION=WAKAYAMA JT-S

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	-3.80	13.86	-1.70	3.30	1.90	1.70	-5.00	14.09	2.00	6.40
2	-2.30	12.88	0.00	3.80	3.80	1.90	-4.19	13.79	0.40	6.50
3	-2.30	9.53	1.80	4.10	4.10	2.20	-1.30	13.40	0.30	7.00
4	-3.10	5.97	3.91	4.30	6.01	2.10	0.00	10.97	-0.00	7.40
5	-5.31	1.80	5.91	4.40	7.62	2.10	0.80	9.98	-0.10	7.81
6	-7.63	-1.90	7.97	4.90	9.01	2.10	1.20	9.17	-0.70	8.51
7	-10.14	-5.32	13.32	4.30	9.61	2.10	1.60	7.49	-0.80	8.91
8	-11.82	-7.93	13.98	3.80	10.22	2.10	1.80	6.59	-1.30	9.30
9	-12.34	-9.94	15.90	3.40	10.91	1.90	1.90	5.19	-0.70	9.29
10	-10.66	-11.89	15.86	3.10	11.41	1.60	1.80	3.69	0.80	8.79
11	-8.97	-11.55	15.20	2.30	11.87	1.50	2.30	1.40	1.20	8.20
12	-7.28	-9.90	15.11	1.60	10.98	1.30	3.00	-0.30	2.10	7.99
13	-5.47	-8.99	13.31	0.80	10.29	1.20	3.50	-2.50	2.70	7.39
14	-4.60	-9.20	10.95	0.00	9.99	1.00	3.80	-4.71	3.20	6.99
15	-0.20	-9.37	9.05	-0.30	9.59	0.80	4.20	-6.72	2.40	6.79
16	0.50	-7.87	5.99	-1.20	9.29	0.40	4.50	-8.73	2.00	5.00
17	1.20	-5.89	4.99	-1.90	9.00	-0.00	5.00	-10.40	1.50	4.90
18	1.80	-3.90	3.10	-2.80	9.00	-0.10	4.40	-10.61	-0.00	4.70
19	2.10	-3.30	1.90	-3.90	8.79	-0.10	3.50	-11.01	-1.10	4.30
20	0.40	-1.90	1.90	-4.90	8.40	-0.40	3.20	-11.40	-1.30	4.30
21	-1.70	-1.50	1.90	-5.70	8.40	-0.70	3.00	-11.46	-1.40	3.50
22	-3.50	-0.00	1.60	-6.41	8.40	-1.00	2.50	-10.08	-1.60	2.40
23	-4.91	-1.00	0.	-7.20	8.40	-1.20	2.20	-8.99	-2.00	1.20
24	-6.59	-1.90	0.	-7.60	8.40	-1.40	2.00	-8.69	-2.00	0.30
25	-5.79	-1.90	0.	-7.80	8.30	-1.40	4.20	-7.88	-2.30	0.30
26	-4.41	-3.40	-0.00	-7.99	8.40	-1.80	5.00	-6.59	-2.30	-1.30
27	-3.59	-3.90	-1.20	-7.19	8.40	-2.20	5.21	-5.60	-2.30	-2.30
28	-1.00	-3.91	-1.60	-6.60	8.20	-3.71	6.10	-5.59	-2.30	-3.30
29	1.80	-5.91	-1.90	-6.60	8.00	-5.50	6.70	-3.90	-2.00	-2.30
30	2.90	-7.60	-1.90	-6.40	7.79	-6.00	7.01	-3.60	-1.90	-2.30
31	5.41	-7.93	-1.90	-6.60	7.18	-6.40	7.81	-3.10	-1.00	-2.10
32	6.70	-9.90	-2.99	-6.60	5.60	-6.80	8.32	-2.70	-0.40	-1.90
33	7.21	-9.89	-0.20	-6.59	5.00	-6.69	9.91	-2.40	0.	-1.90
34	8.09	-9.37	0.	-5.89	4.19	-6.00	10.53	-2.10	0.00	-1.90
35	7.39	-7.87	0.00	-5.19	0.60	-5.39	11.91	-2.30	0.60	-1.90
36	6.39	-5.89	1.90	-4.29	0.30	-4.30	12.34	-2.30	1.40	-2.10
37	5.89	-3.89	3.70	-2.80	0.	-4.00	13.42	-2.20	1.70	-2.60
38	4.30	-1.70	4.40	-0.60	0.	-3.70	13.81	-2.20	3.00	-2.60
39	4.00	1.60	5.30	-0.40	-0.00	-3.20	14.11	-1.20	3.00	-2.70
40	3.00	3.20	5.80	-0.40	-0.20	-3.90	14.40	-1.10	3.80	-2.90
41	2.20	3.91	6.00	-0.00	-0.40	-4.10	14.41	0.00	4.30	-3.00
42	1.90	5.91	5.59	-0.70	-0.70	-4.31	14.70	0.10	5.50	-3.20
43	3.41	7.70	4.39	-2.10	-1.20	-5.81	14.70	0.60	6.00	-3.10
44	5.92	7.38	2.80	-2.10	-1.20	-6.71	14.81	0.80	6.30	-3.00
45	8.72	5.90	1.50	-2.10	-1.20	-7.91	14.81	1.20	6.80	-2.70
46	10.24	5.49	0.	-2.30	-0.40	-8.50	15.00	1.20	6.30	-2.70
47	11.94	3.89	0.00	-2.50	0.	-8.69	15.18	1.70	6.60	-1.80
48	13.23	1.20	0.60	-2.60	0.00	-7.79	15.18	2.30	6.50	0.00
49	13.93	-0.00	1.60	-1.30	1.50	-6.99	14.78	2.50	6.40	0.10
50	14.57	-1.30	1.80	0.50	1.50	-6.19	14.39	2.80	6.40	0.80

RECORD=S-265 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=NAKAYAMA JT-S
 DATE AND TIME=1968-03-30-04 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 1500

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	2.00	0.	4.70	2.60	-0.1n	-0.20	-0.00	2.60	0.40	-3.70
2	2.30	-0.00	4.70	3.10	0.	-0.20	-1.00	2.20	0.70	-3.90
3	2.90	-0.10	5.70	3.90	0.	-0.30	-1.30	1.90	1.20	-4.00
4	3.50	-0.20	5.81	4.70	-0.00	-0.60	-1.00	1.90	1.40	-3.80
5	3.90	-0.30	6.61	5.40	-0.20	-0.60	-0.40	1.90	0.70	-3.40
6	4.00	-0.50	7.40	5.90	-0.6n	-0.80	0.	1.90	0.4n	-3.10
7	4.40	-0.60	7.70	6.51	-0.80	-0.80	0.00	1.90	0.1n	-2.00
8	4.60	-0.70	7.90	7.51	-1.20	-1.40	0.10	1.90	0.00	-1.40
9	4.90	-1.30	7.58	8.20	-1.6n	-1.00	-0.80	3.60	0.60	-0.30
10	5.00	-1.30	5.89	8.21	-2.4n	-0.70	-2.20	3.91	1.60	0.00
11	5.30	-1.50	4.80	8.81	-2.5n	-0.20	-2.70	5.90	2.1n	0.00
12	5.40	-1.80	4.20	9.21	-3.00	0.00	-2.70	5.90	2.60	1.70
13	5.70	-1.30	3.00	9.81	-3.10	0.50	-2.80	6.20	3.4n	1.90
14	5.70	-0.50	2.50	10.10	-3.2n	1.40	-2.80	6.20	3.6n	2.40
15	5.10	0.00	1.60	9.90	-2.7n	1.70	-2.80	5.90	3.6n	3.00
16	4.80	0.4n	0.40	9.69	-2.5n	2.20	-2.80	5.40	2.80	3.00
17	4.60	0.70	0.10	8.89	-1.9n	2.50	-2.00	5.30	2.20	3.20
18	4.00	0.70	-0.70	8.80	-1.7n	2.80	-1.80	4.60	2.20	3.20
19	3.80	0.40	-1.80	8.61	-1.9n	3.00	-2.00	4.30	1.70	3.30
20	3.30	0.20	-2.50	9.01	-1.9n	3.60	-3.10	4.00	1.30	3.40
21	3.20	0.	-3.90	9.82	-2.20	3.60	-3.90	3.90	0.80	3.60
22	2.10	0.	-5.31	10.81	-2.90	3.60	-4.80	3.70	0.20	3.60
23	2.00	0.00	-6.71	11.11	-3.30	3.60	-5.10	3.20	-0.00	3.40
24	1.90	0.20	-7.90	11.60	-3.3n	3.60	-5.30	2.90	-0.20	3.30
25	1.80	1.30	-8.01	11.59	-3.5n	3.80	-5.40	2.70	-0.4n	4.00
26	1.80	1.90	-8.70	11.40	-3.5n	3.90	-5.80	2.50	-0.90	4.00
27	1.50	2.60	-8.71	11.37	-3.5n	4.20	-5.90	2.30	-1.00	4.00
28	1.30	3.50	-9.61	10.40	-3.30	4.80	-5.90	2.60	-1.50	4.30
29	1.00	3.90	-9.90	10.19	-3.1n	5.00	-5.70	2.60	-1.30	4.60
30	0.70	4.10	-9.69	9.78	-2.7n	5.20	-5.29	2.50	-1.90	5.20
31	0.60	4.30	-9.29	8.59	-2.7n	5.40	-5.40	2.00	-2.20	5.10
32	0.40	4.40	-8.59	7.89	-2.7n	5.60	-3.70	1.90	-2.30	4.80
33	0.20	4.20	-7.99	6.98	-2.4n	5.59	-2.80	1.50	-2.50	4.70
34	0.20	4.00	-7.59	5.50	-2.3n	4.60	-1.90	1.00	-2.20	4.60
35	0.20	3.90	-6.79	5.40	-2.3n	4.00	-1.40	0.40	-1.90	4.60
36	0.20	3.70	-6.10	5.00	-2.1n	3.40	-0.70	0.10	-1.00	4.20
37	0.20	3.30	-5.49	4.30	-1.9n	3.20	-0.30	0.90	-0.40	4.00
38	0.20	3.00	-4.70	3.80	-1.9n	3.20	-0.80	1.30	-0.30	3.80
39	0.20	2.90	-4.30	3.90	-1.7n	3.80	-1.30	1.90	0.00	3.80
40	0.20	3.50	-3.80	3.10	-1.7n	3.80	-1.50	2.40	0.20	3.80
41	0.20	3.90	-3.60	2.50	-1.7n	3.90	-2.00	2.10	1.10	3.70
42	0.20	4.00	-3.00	2.00	-1.6n	3.90	-2.30	2.10	1.30	3.70
43	0.20	4.10	-2.50	1.90	-1.4n	4.00	-1.90	1.80	1.50	3.70
44	0.20	4.30	-1.60	1.20	-1.3n	4.00	-1.10	0.70	0.60	3.70
45	0.20	4.40	-1.10	0.20	-0.8n	4.00	-0.20	0.10	0.	3.60
46	0.20	4.50	-0.80	-0.70	-0.7n	3.80	0.00	-0.00	-0.00	3.60
47	0.20	4.60	-0.40	-0.50	-0.5n	2.40	0.70	-0.10	-0.60	3.70
48	0.20	4.70	0.20	-0.40	-0.4n	1.70	1.90	-0.10	-0.70	3.60
49	0.20	4.80	1.30	-0.70	-0.3n	1.10	2.20	-0.30	-2.00	3.60
50	0.	4.70	1.90	-0.40	-0.3n	0.20	2.30	0.20	-3.30	3.60

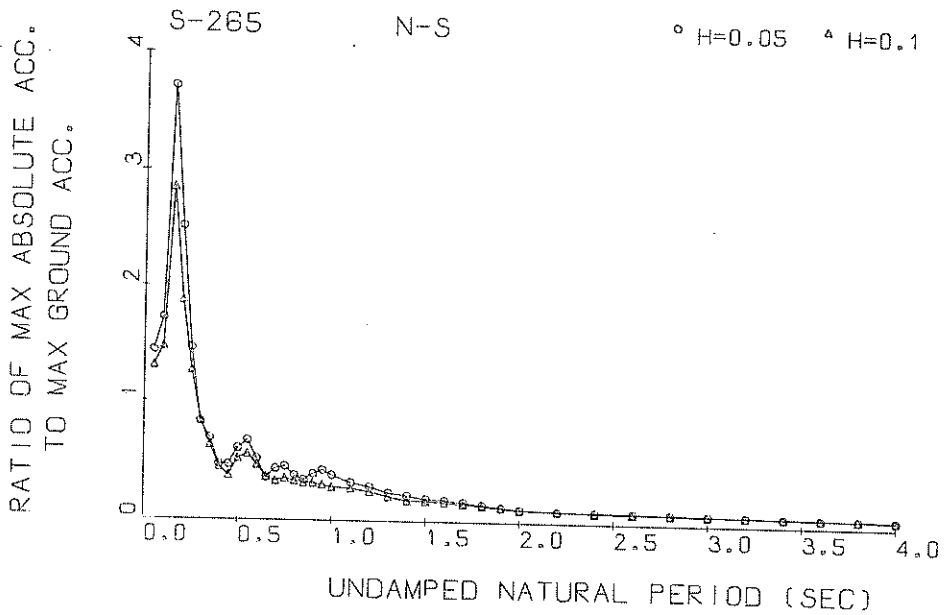
RECORD=S-265
 DATE AND TIME=1968-03-30-04-04
 COMPONENT=E-H
 SIGNAL=GR,ACC.
 CORRECTION=ARC,ERR.
 FOPMAT NO.=301
 STATION=HAKAYAMA JT-S
 TOTAL NUMBER OF DATA= 1550

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	0.	-139.45	17.10	29.90	4.4n	22.93	23.15	-20.13	25.79	17.48
2	-0.00	-146.72	5.25	30.15	4.28	21.35	16.22	-22.58	24.85	17.12
3	-0.30	-172.98	-18.65	31.58	-0.4n	18.34	-2.01	-22.34	22.63	15.80
4	-10.84	-183.71	-28.39	33.14	-1.7n	9.82	-13.10	-21.63	17.80	13.84
5	-16.23	-186.42	-34.09	33.60	-7.29	5.82	-23.81	-20.03	14.58	9.95
6	-14.03	-188.86	-48.04	33.50	-15.79	-5.48	-28.40	-19.17	5.93	7.48
7	5.71	-206.35	-62.44	36.51	-26.02	-18.05	-33.64	-17.49	3.61	6.15
8	21.00	-215.60	-74.22	50.34	-36.53	-29.74	-36.98	-15.75	-5.96	-0.00
9	25.73	-252.60	-74.05	60.41	-39.61	-39.25	-36.01	-12.77	-13.53	-1.90
10	18.97	43.35	-65.06	68.02	-45.23	-44.17	-28.93	-6.38	-19.59	-3.60
11	7.95	95.78	-41.63	69.19	-49.76	-48.45	-23.90	-3.69	-34.41	-3.70
12	-2.41	72.38	-16.25	61.60	-51.25	-48.83	-15.46	-1.90	-27.93	-3.90
13	-13.51	48.98	6.59	49.59	-52.24	-47.01	-3.97	-1.50	-28.32	-4.60
14	0.50	24.71	16.69	32.18	-46.84	-44.38	5.95	-0.40	-30.16	-4.40
15	-17.67	-3.15	24.15	7.62	-37.48	-37.91	12.22	-0.10	-34.84	-3.90
16	-11.37	-27.15	21.38	-13.53	-28.30	-26.45	16.22	-0.00	-39.57	-2.60
17	-0.00	-48.67	11.75	-11.33	-15.87	-15.10	20.25	-0.30	-40.87	-1.70
18	-4.01	-62.18	-2.31	-61.45	-1.89	-3.78	24.24	-2.50	-40.60	-0.50
19	-5.61	-89.99	-14.45	-66.25	11.51	3.91	26.71	-4.11	-37.54	0.70
20	-7.42	-92.27	-26.73	-73.08	33.27	5.59	27.08	-5.79	-34.71	1.50
21	-0.50	-46.47	32.40	-74.53	46.36	4.19	25.23	-17.86	-29.67	1.80
22	-5.68	-0.67	-36.60	-70.24	52.60	0.30	20.13	-20.16	-23.21	2.40
23	20.28	38.14	-36.07	-63.32	56.50	-3.71	10.84	-21.85	-16.87	3.00
24	9.36	55.04	-29.76	-55.38	59.41	-6.15	1.10	-21.97	-11.60	3.30
25	-19.75	70.35	-46.12	-46.12	58.65	-12.02	-7.60	-18.96	-4.97	3.90
26	-32.99	88.56	-7.54	-33.31	56.43	-16.03	-15.45	-16.85	0.00	3.89
27	-27.93	103.64	5.46	-14.66	51.16	-18.60	-18.98	-9.82	3.91	2.30
28	-17.01	99.47	14.99	8.47	42.73	-22.22	-27.81	-5.91	7.94	-0.00
29	-3.70	86.16	26.27	43.99	33.90	-21.16	-32.23	5.42	11.27	-1.90
30	82.97	76.39	36.17	68.74	28.95	-17.68	-32.28	7.97	13.52	-6.05
31	109.72	79.99	36.12	74.55	18.33	-14.15	-26.48	13.54	14.56	-12.02
32	129.75	87.39	30.69	76.88	8.33	-4.36	-15.27	22.61	15.99	-15.80
33	131.63	72.71	21.83	73.65	3.89	5.81	-3.56	30.37	17.61	-17.66
34	115.69	49.05	15.66	65.42	0.4n	20.67	9.62	32.73	19.26	-20.00
35	93.06	26.34	9.43	53.20	-1.3n	28.48	21.11	34.53	20.35	-21.12
36	70.42	7.61	0.70	40.62	-1.90	29.82	31.10	35.37	21.85	-21.19
37	47.79	-13.81	-2.00	27.90	-3.00	29.08	33.67	34.64	23.45	-20.26
38	27.11	-31.87	-0.10	14.33	-4.11	25.03	34.86	33.22	25.41	-21.71
39	16.36	-45.98	-1.50	8.28	-5.6n	22.48	35.68	31.66	26.01	-19.99
40	29.31	-64.51	-8.84	-0.00	-5.81	21.65	34.69	29.26	25.30	-19.82
41	54.81	-87.73	-17.58	-5.97	-6.64	23.31	31.40	23.95	23.66	-18.96
42	97.83	-93.64	-25.11	-15.04	-11.33	26.06	33.04	22.09	21.09	-18.46
43	116.27	-52.26	-31.92	-26.19	-16.18	28.84	17.30	20.99	19.95	-17.79
44	98.93	-25.06	-38.39	-31.86	-19.87	33.25	8.53	19.98	18.04	-16.18
45	79.35	35.60	-37.53	-37.83	-25.80	39.18	3.78	15.72	15.83	-15.71
46	59.77	52.71	-28.93	-37.54	-23.48	42.41	-3.11	19.99	14.65	-13.95
47	26.60	69.99	-14.40	-32.02	-14.57	43.60	-7.95	21.10	15.61	-12.54
48	-17.15	70.75	8.63	-15.95	-1.79	41.40	-12.04	22.29	15.74	-7.95
49	-58.44	59.61	23.03	-3.28	16.52	35.78	-16.39	23.94	16.54	-3.99
50	-104.97	40.05	30.14	3.50	20.37	30.60	-17.94	24.42	17.22	-1.40

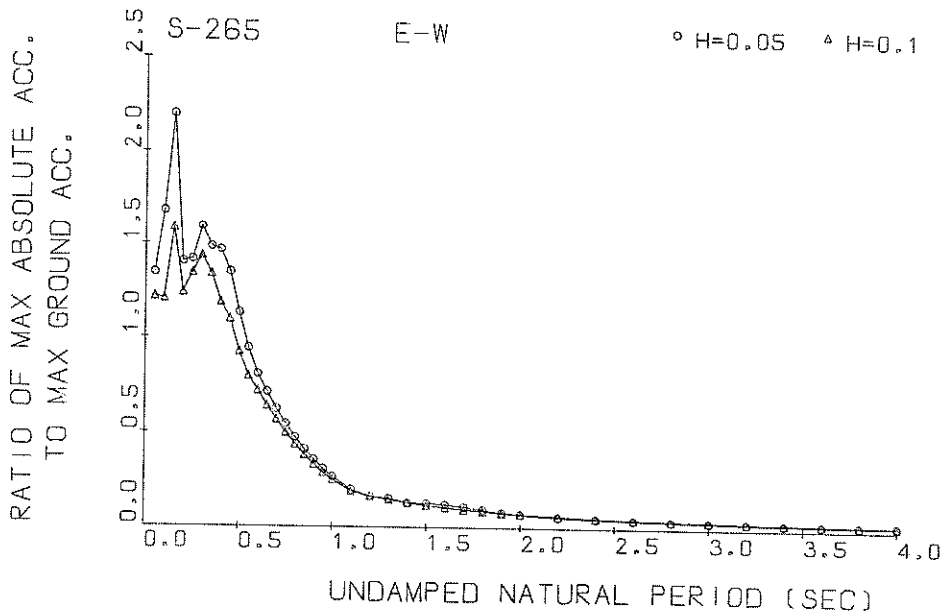
RECORD=S-265 COMPONENT=E-W SAMPLING INTERVAL= 0.010(SEC) CORRECTION=ARCERR. STATION=MAKAYAMA JI-S
 DATE AND TIME=1968-03-30-04-04 SIGNAL=GR.ACC. FORMAT NO.=301 TOTAL NUMBER OF DATA= 1550

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	1.80	-2.50	0.60	-2.40	8.00	4.00	-7.49	13.90	5.80	5.80
2	3.40	-2.20	0.20	-1.20	7.79	5.00	-6.39	13.78	5.79	5.90
3	2.00	-1.90	0.	0.30	7.09	5.90	-5.70	13.14	4.99	5.80
4	1.70	-1.20	0.	1.30	5.89	6.40	-5.40	11.46	3.99	5.30
5	-0.00	-0.80	0.	2.00	5.09	6.61	-5.20	9.98	1.90	5.20
6	-1.90	-0.10	-0.00	2.60	4.00	7.71	-4.70	9.18	0.60	5.20
7	-3.91	0.50	0.20	1.90	3.00	8.11	-4.40	8.20	-0.00	4.60
8	-5.71	1.50	0.	1.50	2.40	8.61	-4.00	8.00	-1.90	4.40
9	-7.09	1.90	0.00	1.10	1.90	9.10	-4.20	7.89	-3.10	3.90
10	-6.29	1.30	1.50	0.20	2.00	8.98	-4.00	7.49	-3.90	3.70
11	-5.39	0.30	3.10	0.	2.20	8.00	-3.90	6.99	-4.50	3.40
12	-3.48	0.	3.81	0.	1.90	7.89	-3.90	5.99	-5.00	3.30
13	5.73	-0.00	5.60	-0.00	1.30	7.38	-3.90	4.19	-4.70	3.50
14	10.00	-1.20	6.11	-0.10	1.00	6.10	-3.20	2.20	-4.40	3.50
15	15.88	-1.90	7.42	-0.10	0.40	5.90	-1.90	1.00	-4.20	3.80
16	17.66	-2.20	8.72	-0.10	-0.10	5.70	0.	-0.00	-3.90	3.90
17	20.05	-2.70	10.13	-0.10	-0.70	5.30	0.	-1.70	-3.90	4.30
18	21.72	-3.30	11.29	-0.10	-1.90	5.90	0.00	-2.10	-3.90	3.90
19	21.91	-3.80	11.01	-1.10	-1.90	6.52	0.60	-3.00	-4.10	3.80
20	21.90	-4.10	11.19	-2.10	-3.91	8.32	1.00	-3.90	-3.90	3.30
21	20.94	-3.60	10.99	-3.60	-5.50	9.95	0.40	-4.10	-3.70	3.20
22	20.25	-3.00	10.80	-4.60	-5.90	11.22	0.40	-5.20	-3.00	2.70
23	19.11	-1.90	10.59	-5.10	-6.10	12.03	0.40	-5.09	-1.90	2.30
24	17.73	-0.70	10.20	-5.80	-5.90	13.07	1.00	-3.90	-1.90	1.90
25	14.00	0.00	9.99	-5.90	-5.70	12.29	1.60	-3.60	-1.60	1.90
26	13.91	0.10	9.69	-5.89	-5.90	11.88	2.40	-3.40	-1.60	1.70
27	14.12	-0.00	9.09	-4.50	-5.90	11.38	3.80	-2.30	-1.70	1.90
28	14.66	-1.30	8.49	-3.39	-5.70	10.68	3.90	-1.90	-1.70	1.90
29	15.98	-1.90	8.00	-1.30	-5.30	9.77	4.30	-0.10	-1.70	2.30
30	17.48	-2.10	7.70	0.00	-5.30	8.19	5.30	0.00	-1.80	2.30
31	18.79	-1.70	7.41	1.70	-4.70	7.78	5.91	1.60	-1.70	2.50
32	19.98	-1.60	8.02	3.91	-3.90	6.39	7.40	1.90	-1.70	2.50
33	20.92	-1.00	9.42	5.70	-3.20	5.30	7.70	3.20	-1.90	2.50
34	22.09	-0.40	10.74	6.20	-2.10	5.00	7.70	3.90	-1.90	2.30
35	21.92	-0.70	12.25	8.30	-1.20	4.60	7.91	4.40	-2.00	2.40
36	21.09	-1.10	13.93	5.90	-0.20	3.80	8.41	3.90	-2.00	2.50
37	19.90	-1.50	14.59	5.80	1.30	3.00	9.20	3.90	-2.00	2.60
38	18.70	-1.90	14.28	5.30	3.40	1.90	9.41	3.40	-2.00	3.20
39	17.14	-2.20	13.83	5.00	5.10	0.40	9.70	3.30	-2.00	3.40
40	13.10	-2.20	12.36	4.40	5.20	-1.20	9.90	2.40	-2.20	3.40
41	10.56	-0.70	10.96	4.20	5.60	-3.10	9.90	2.40	-2.40	3.60
42	8.97	0.00	9.57	3.90	5.91	-3.91	9.91	2.40	-1.80	3.50
43	7.38	1.80	7.98	3.60	6.99	-5.51	10.61	2.50	-0.70	3.90
44	5.30	3.70	6.65	3.80	6.40	-7.51	11.02	3.30	0.00	4.40
45	3.20	4.30	6.60	3.90	6.00	-8.32	11.92	3.90	0.70	5.60
46	1.50	3.90	5.80	4.20	5.80	-9.39	12.43	4.10	2.00	6.10
47	-0.00	3.10	-3.30	4.61	5.19	-8.69	13.32	4.50	3.60	6.61
48	-1.20	1.90	-3.60	5.91	4.00	-7.92	13.74	5.00	4.30	7.20
49	-1.60	1.60	-4.40	7.01	4.00	-9.27	13.91	5.40	5.10	7.30
50	-2.00	1.00	-3.99	7.90	3.90	-7.89	14.19	5.60	5.60	7.20

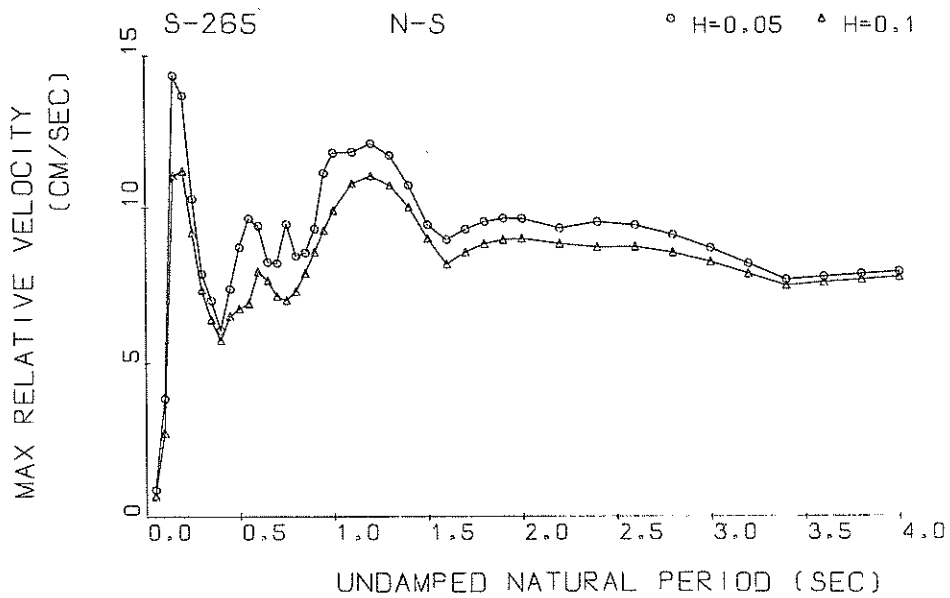
NO.	STATION=WAKAYAMA JI-S									
	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	7.20	-2.00	5.90	7.50	-9.79	9.70	-2.00	3.90	1.90	5.90
2	7.20	-1.60	5.90	7.90	-9.18	9.57	-3.00	3.90	1.90	5.90
3	7.10	0.	5.59	8.12	-8.00	7.90	-3.20	3.90	1.90	5.90
4	7.10	0.00	4.60	9.61	-7.90	7.80	-3.10	3.90	3.10	5.69
5	7.50	1.00	4.10	9.92	-7.68	7.60	-1.90	3.90	3.20	4.80
6	7.70	1.80	3.70	11.02	-8.10	7.30	-1.80	3.90	3.60	3.90
7	7.90	1.80	3.20	11.71	-5.90	6.99	-1.60	3.90	3.80	3.40
8	7.90	1.80	2.20	11.94	-5.69	5.90	-1.80	3.90	3.80	2.30
9	7.90	1.10	1.70	15.25	-4.00	5.90	-1.90	3.90	3.90	2.00
10	7.70	0.00	0.60	13.91	-3.90	5.70	-1.80	3.90	3.90	1.90
11	7.60	0.10	0.	14.17	-3.90	5.09	0.	3.80	3.80	1.40
12	7.60	0.40	0.00	15.81	-3.60	3.90	0.00	5.50	3.70	0.30
13	7.50	1.10	-0.60	15.91	-3.30	3.90	1.90	5.50	3.70	0.
14	7.40	1.40	-1.10	16.06	-2.00	3.90	3.30	4.99	3.50	0.
15	7.40	1.90	-1.80	17.00	-1.90	3.70	3.20	3.90	3.50	0.
16	7.30	1.90	-1.90	16.95	-1.50	3.40	3.40	3.90	3.70	0.
17	7.09	1.80	-1.90	16.19	-1.10	3.30	3.70	3.40	3.90	0.00
18	6.61	1.50	-1.80	16.09	0.	3.00	3.90	1.90	3.90	0.50
19	7.20	0.40	-1.30	15.99	0.00	2.00	3.91	1.00	3.90	1.70
20	7.40	0.	-0.70	15.90	1.30	2.00	5.70	-0.00	3.90	2.10
21	7.60	0.	-0.50	15.85	1.90	2.00	5.90	-0.50	3.80	3.20
22	7.60	0.	-0.10	14.95	3.80	2.00	5.90	-1.00	3.20	3.70
23	7.80	0.	0.	13.89	3.90	2.00	5.80	0.	2.60	3.30
24	7.90	0.	0.	13.63	3.90	1.90	5.19	0.	2.30	3.00
25	7.90	-0.00	0.	11.88	5.20	1.90	3.90	0.00	2.20	1.90
26	7.90	-0.30	-0.00	11.07	5.80	1.90	3.70	0.10	2.30	1.90
27	7.90	-0.20	-0.20	9.86	5.91	1.90	3.20	1.90	2.60	1.60
28	7.89	-0.40	-0.60	7.89	7.31	1.90	3.00	3.10	3.50	1.30
29	7.48	-0.50	-1.10	7.19	7.90	1.90	1.90	3.90	3.90	1.50
30	6.10	-0.20	-1.40	5.89	7.92	1.90	1.90	3.90	5.10	0.
31	5.90	-0.20	-1.80	3.89	9.31	1.80	1.90	3.60	5.40	0.
32	5.90	0.	-1.90	1.90	9.90	0.	1.90	3.20	5.40	-0.00
33	5.79	0.	-1.90	1.30	9.90	0.	1.90	1.90	5.40	-0.20
34	5.10	0.	-1.90	0.	9.90	0.	1.90	1.90	5.90	-0.20
35	4.40	0.	-3.00	-0.00	9.90	-0.00	1.90	1.90	6.20	-0.30
36	4.50	0.	-3.10	-1.60	9.90	-0.30	1.90	1.90	5.90	-0.30
37	4.20	0.	-3.00	-3.10	9.90	-0.40	3.30	1.90	5.90	-0.40
38	3.90	0.00	-2.20	-4.31	9.90	-1.30	3.90	3.00	5.59	-0.40
39	3.00	0.30	-1.50	-5.60	9.90	-1.90	3.90	3.70	4.50	-0.40
40	1.90	1.00	0.	-5.81	9.90	-2.00	3.90	3.30	4.40	0.
41	1.80	1.20	0.00	-7.11	9.90	-2.50	3.90	3.30	4.30	0.
42	1.70	1.70	1.10	-7.60	9.90	-3.10	3.90	3.30	4.30	0.00
43	-0.00	2.10	1.90	-7.90	9.80	-2.30	3.90	3.20	5.40	0.60
44	-0.50	2.40	3.60	-8.21	9.80	-2.10	3.90	3.20	5.60	1.10
45	-1.50	3.30	4.00	-9.00	9.80	-1.90	3.90	3.10	5.80	1.90
46	-2.50	3.90	5.00	-9.21	9.80	-1.90	3.90	3.00	5.80	2.30
47	-3.50	4.70	5.60	-9.61	9.70	-1.90	3.90	1.90	5.90	2.30
48	-3.70	5.50	5.90	-9.90	9.80	-1.90	3.90	1.90	5.90	2.30
49	-3.90	6.10	5.91	-9.90	9.80	-1.90	3.90	1.90	5.90	2.30
50	-3.20	6.20	7.01	-9.90	9.70	-1.90	3.90	1.90	5.90	2.20



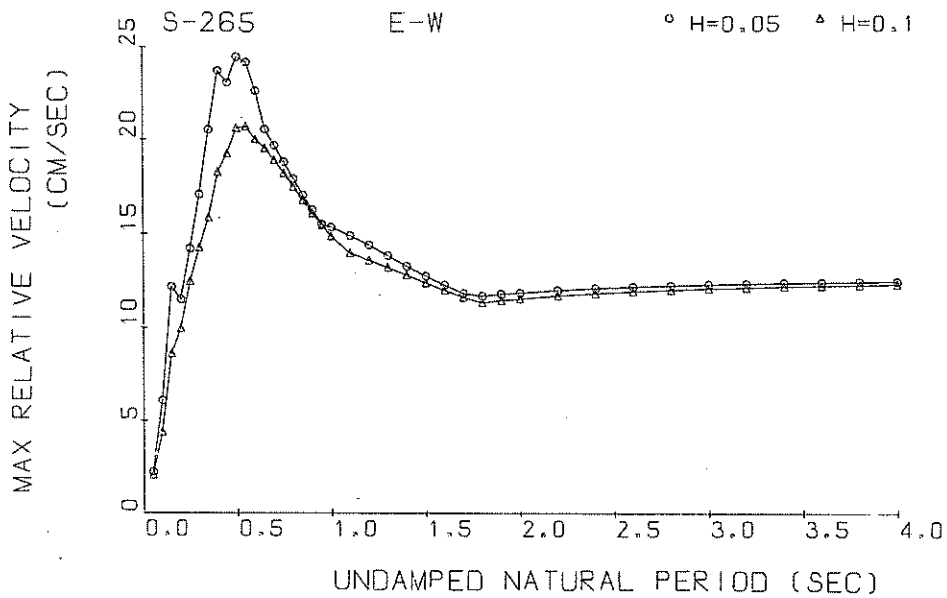
Response Spectra



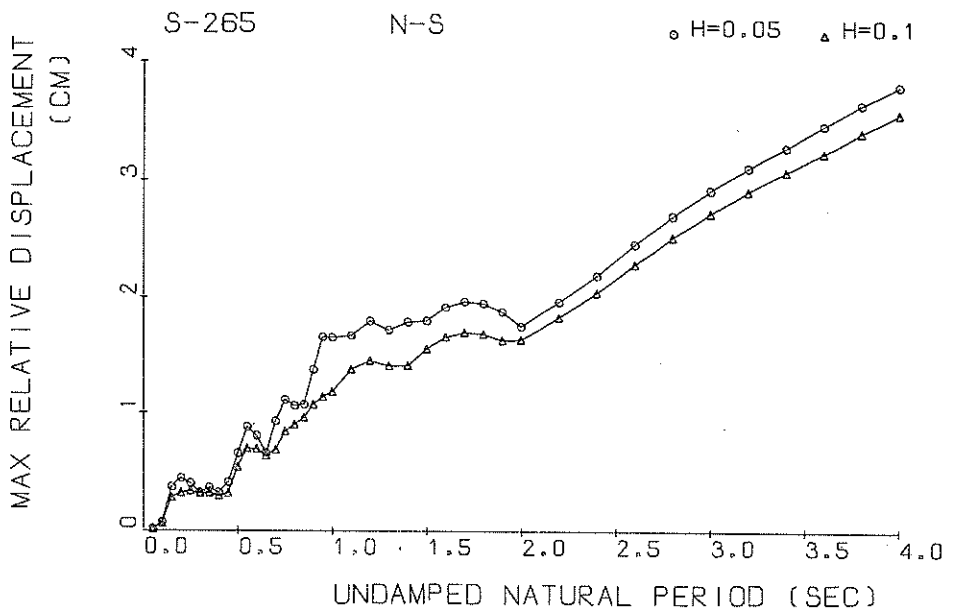
Response Spectra



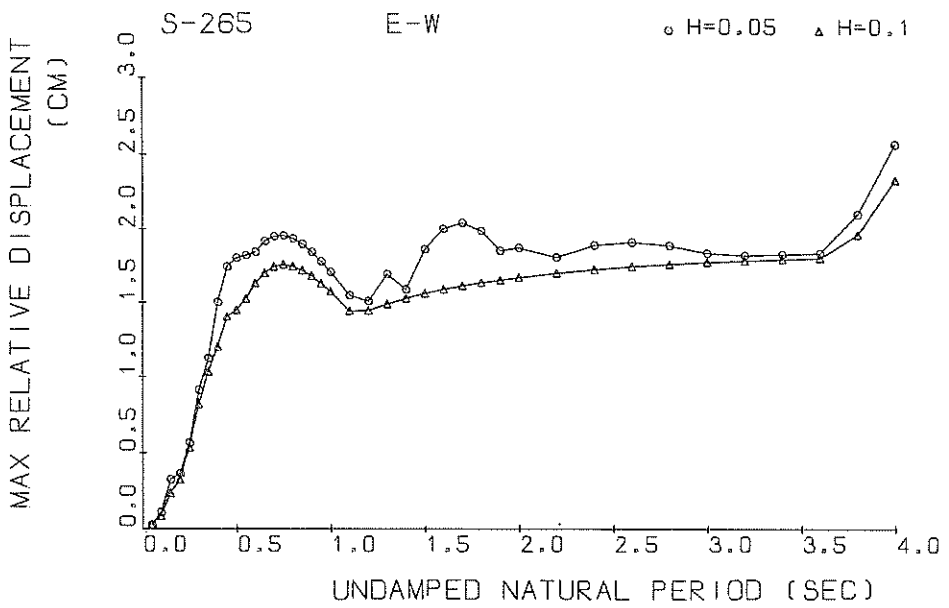
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-265 N-S 1968-03-30-U4-U4 WAKAYAMA FUKIN
 STATION = WAKAYAMA JI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 14.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 172.47(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.434	247.60	80.95	0.872	0.0157
0.100	1.716	296.01	210.72	3.857	0.0748
0.150	3.705	639.07	608.20	14.354	0.3675
0.200	2.516	434.00	487.34	13.700	0.4400
0.250	1.458	251.38	349.05	10.298	0.6934
0.300	0.820	141.41	273.81	7.869	0.9177
0.350	0.682	117.70	241.02	6.999	0.6616
0.400	0.463	79.87	222.87	6.050	0.3224
0.450	0.461	79.46	206.76	7.376	0.4058
0.500	0.601	103.62	194.59	8.724	0.6532
0.550	0.668	115.22	186.06	9.644	0.8765
0.600	0.515	88.76	180.28	9.416	0.8036
0.650	0.559	61.98	176.43	8.255	0.6583
0.700	0.435	75.04	173.89	8.198	0.9263
0.750	0.455	78.49	172.22	9.466	1.1123
0.800	0.382	65.89	171.24	8.437	1.0616
0.850	0.341	58.86	171.05	8.551	1.0707
0.900	0.390	67.28	170.71	9.323	1.3724
0.950	0.423	72.90	170.28	11.155	1.6584
1.000	0.381	65.73	169.80	11.821	1.6558
1.100	0.319	54.98	169.56	11.841	1.6734
1.200	0.287	49.54	169.66	12.130	1.7966
1.300	0.234	40.43	169.82	11.742	1.7222
1.400	0.211	36.36	169.99	10.763	1.7914
1.500	0.186	32.10	170.17	9.463	1.8039
1.600	0.175	30.19	170.34	8.979	1.9245
1.700	0.160	27.51	170.50	9.318	1.9732
1.800	0.142	24.43	170.64	9.571	1.9561
1.900	0.123	21.18	170.77	9.671	1.8811
2.000	0.104	17.94	170.89	9.650	1.7571
2.200	0.094	16.17	171.09	9.344	1.9735
2.400	0.088	15.24	171.26	9.531	2.2064
2.600	0.085	14.70	171.39	9.424	2.4808
2.800	0.081	13.98	171.50	9.113	2.7247
3.000	0.077	13.21	171.60	8.682	2.9405
3.200	0.072	12.41	171.68	8.190	3.1315
3.400	0.067	11.63	171.75	7.676	3.3032
3.600	0.063	10.88	171.81	7.774	3.4881
3.800	0.059	10.18	171.86	7.859	3.6670
4.000	0.056	9.62	171.91	7.934	3.8280

RESPONSE SPECTRUM

RECORD = S-265 N-3 1968-03-30-04-04 WAKAYAMA FUKIN
 STATION = WAKAYAMA JI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR,
 TIME LENGTH = 14.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 172.47/(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.296	223.45	60.44	0.686	0.0141
0.100	1.460	251.76	147.58	2.739	0.0636
0.150	2.842	490.21	451.89	11.069	0.2777
0.200	1.866	321.85	418.65	11.216	0.3218
0.250	1.260	217.38	326.09	9.190	0.3381
0.300	0.825	142.28	261.09	7.333	0.3164
0.350	0.620	106.89	229.81	6.382	0.3224
0.400	0.440	75.97	216.50	5.714	0.2958
0.450	0.365	62.94	203.78	6.493	0.3173
0.500	0.309	87.84	193.61	6.736	0.3404
0.550	0.245	94.04	186.12	6.910	0.6972
0.600	0.456	78.58	180.81	7.930	0.6917
0.650	0.357	61.53	177.12	7.647	0.6346
0.700	0.325	55.99	174.58	7.131	0.6843
0.750	0.348	60.00	172.84	7.000	0.8385
0.800	0.328	56.62	171.65	7.300	0.8973
0.850	0.311	53.58	170.84	7.873	0.9576
0.900	0.308	53.10	170.31	8.558	1.0656
0.950	0.294	50.70	169.96	9.262	1.1344
1.000	0.275	47.37	169.74	9.904	1.1792
1.100	0.268	46.24	169.55	10.796	1.3735
1.200	0.241	41.53	169.55	11.051	1.4516
1.300	0.199	34.36	169.64	10.737	1.4080
1.400	0.170	29.26	169.77	10.011	1.4126
1.500	0.167	28.80	169.91	8.986	1.5583
1.600	0.158	27.27	170.06	8.160	1.6601
1.700	0.145	25.07	170.20	8.547	1.7034
1.800	0.131	22.54	170.34	8.812	1.6928
1.900	0.115	19.83	170.47	8.950	1.6341
2.000	0.099	17.15	170.58	8.982	1.6406
2.200	0.091	15.68	170.79	8.805	1.8391
2.400	0.084	14.50	170.96	8.696	2.0559
2.600	0.081	13.93	171.11	8.707	2.3069
2.800	0.078	13.42	171.26	8.523	2.5402
3.000	0.074	12.80	171.34	8.215	2.7481
3.200	0.070	12.15	171.46	7.837	2.9356
3.400	0.067	11.49	171.51	7.461	3.1029
3.600	0.063	10.84	171.58	7.566	3.2577
3.800	0.059	10.22	171.64	7.657	3.4323
4.000	0.056	9.64	171.69	7.737	3.5922

RECORD = S-205 E-W 1968-03-30-04-04 WAKAYAMA FUKIN
 STATION = WAKAYAMA JI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 14.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.000 MAX.GROUND ACC.= 252.60(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.000	1.044	339.61	270.09	2.200	0.0215
0.100	1.080	424.25	369.79	6.109	0.1066
0.150	2.203	556.46	508.27	12.151	0.3195
0.200	1.404	354.65	390.03	11.486	0.3596
0.250	1.416	357.58	432.90	14.172	0.5641
0.300	1.291	401.95	497.73	17.038	0.9071
0.350	1.486	375.26	455.86	20.487	1.1204
0.400	1.468	370.88	389.67	23.683	1.4974
0.450	1.050	341.10	421.34	23.046	1.7412
0.500	1.132	285.84	379.48	24.432	1.8010
0.550	0.946	233.33	297.59	24.150	1.8173
0.600	0.805	203.32	291.10	22.583	1.8418
0.650	0.716	180.13	279.53	20.496	1.9138
0.700	0.626	158.18	271.43	19.632	1.9464
0.750	0.547	138.10	278.18	18.731	1.9507
0.800	0.476	120.12	282.21	17.844	1.9312
0.850	0.416	104.32	264.39	16.996	1.8931
0.900	0.358	90.35	263.33	16.206	1.8406
0.950	0.311	78.35	282.44	15.473	1.7754
1.000	0.269	68.92	282.01	15.005	1.7047
1.100	0.202	51.91	266.22	14.840	1.5467
1.200	0.167	42.27	250.88	14.343	1.3951
1.300	0.157	39.09	278.43	13.791	1.6904
1.400	0.131	32.97	276.11	13.240	1.5854
1.500	0.130	32.64	273.95	12.716	1.8588
1.600	0.120	31.09	271.99	12.233	2.0002
1.700	0.111	28.13	270.24	11.791	2.0403
1.800	0.097	24.50	268.67	11.650	1.9853
1.900	0.081	20.48	267.28	11.740	1.8507
2.000	0.074	18.74	266.04	11.816	1.8694
2.200	0.060	15.19	263.95	11.946	1.8033
2.400	0.052	13.14	262.28	12.046	1.8854
2.600	0.043	11.34	260.96	12.125	1.9050
2.800	0.039	9.96	259.82	12.190	1.8825
3.000	0.035	8.63	258.91	12.244	1.8300
3.200	0.031	7.90	258.15	12.286	1.8162
3.400	0.026	7.11	257.52	12.320	1.8240
3.600	0.026	6.44	256.98	12.353	1.8307
3.800	0.023	5.90	256.52	12.386	2.0957
4.000	0.023	5.40	256.12	12.411	2.5689

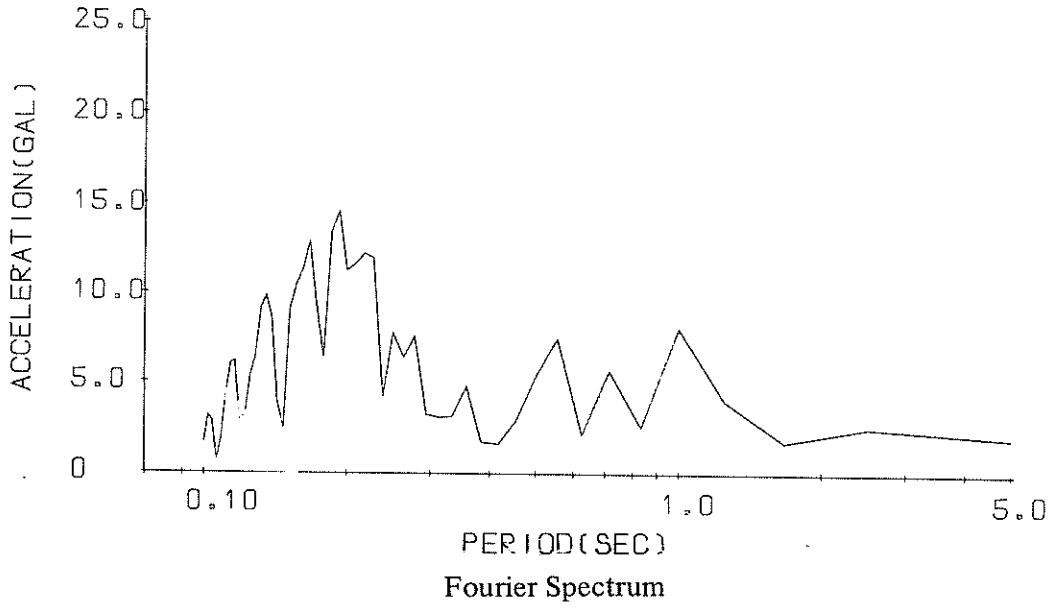
RESPONSE SPECTRUM

RECORD = S-265 E-W 1968-03-30-04-04 WAKAYAMA FUKIN
 STATION = WAKAYAMA JI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 14.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 252.60(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.216	307.14	264.76	2.060	0.0192
0.100	1.206	304.67	286.75	4.676	0.0759
0.150	1.287	400.79	379.83	8.610	0.2266
0.200	1.240	313.24	366.23	9.951	0.3166
0.250	1.047	340.31	410.94	12.456	0.5294
0.300	1.438	363.35	458.87	14.222	0.8098
0.350	1.042	338.89	430.85	15.838	1.0272
0.400	1.189	300.45	367.58	18.217	1.1946
0.450	1.100	277.79	347.09	19.214	1.3937
0.500	0.927	234.06	325.48	20.562	1.4401
0.550	0.799	201.84	272.94	20.650	1.5174
0.600	0.721	182.20	257.71	19.965	1.6231
0.650	0.645	162.89	253.98	19.489	1.6951
0.700	0.571	144.34	250.71	18.858	1.7364
0.750	0.506	127.08	258.38	18.156	1.7490
0.800	0.441	111.35	264.14	17.438	1.7391
0.850	0.386	97.44	267.94	16.733	1.7124
0.900	0.336	84.99	270.37	16.058	1.6727
0.950	0.293	74.14	271.82	15.422	1.6226
1.000	0.256	64.72	272.58	14.828	1.5654
1.100	0.196	49.40	272.80	13.930	1.4335
1.200	0.171	43.15	272.06	13.556	1.4364
1.300	0.152	38.33	270.90	13.176	1.4805
1.400	0.136	34.28	269.58	12.765	1.5177
1.500	0.122	30.86	268.24	12.335	1.5524
1.600	0.111	27.94	266.95	11.962	1.5816
1.700	0.101	25.44	265.75	11.694	1.6066
1.800	0.092	23.28	264.65	11.302	1.6281
1.900	0.085	21.40	263.65	11.408	1.6467
2.000	0.078	19.76	262.74	11.500	1.6630
2.200	0.068	17.06	261.18	11.654	1.6932
2.400	0.059	14.94	259.91	11.775	1.7176
2.600	0.052	13.22	258.86	11.874	1.7374
2.800	0.047	11.82	258.00	11.955	1.7537
3.000	0.042	10.66	257.29	12.025	1.7673
3.200	0.038	9.68	256.69	12.081	1.7788
3.400	0.035	8.84	256.19	12.130	1.7887
3.600	0.032	8.13	255.76	12.175	1.7972
3.800	0.030	7.51	255.39	12.210	1.7561
4.000	0.028	6.97	255.08	12.245	2.3273

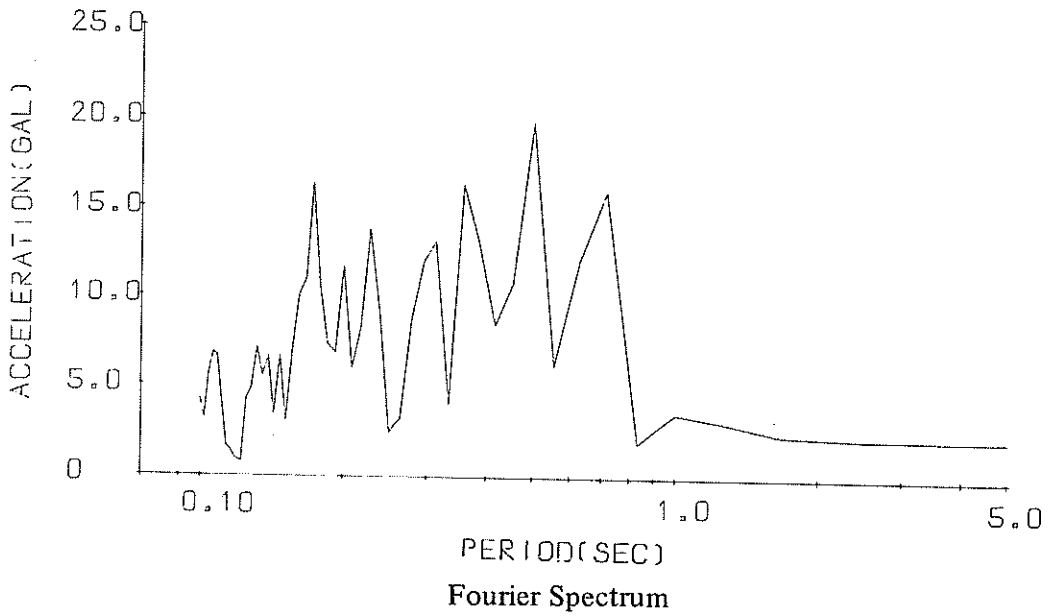
S-265 N-S

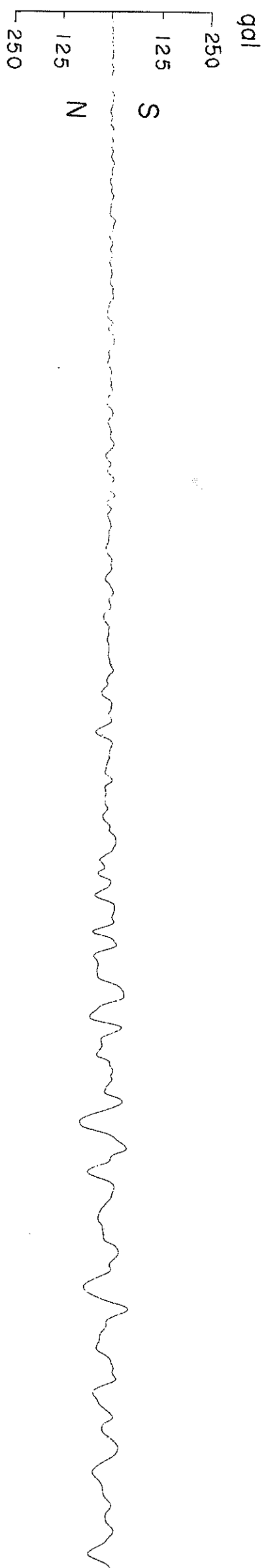
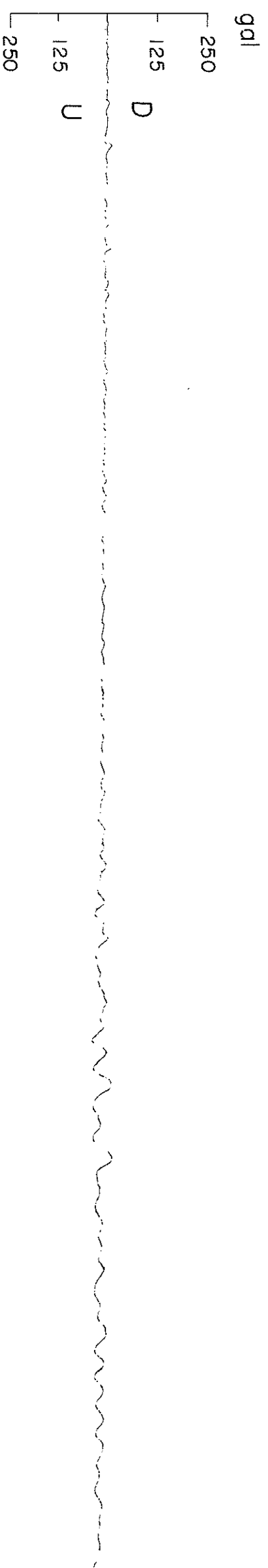
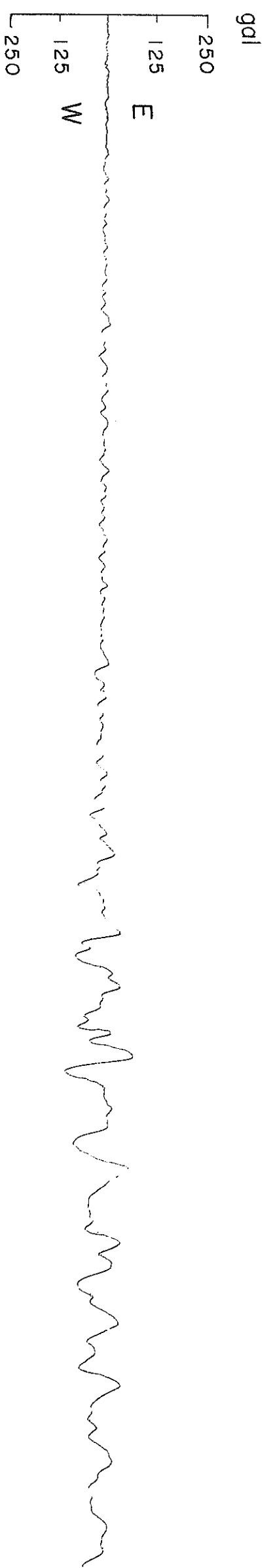
TSK=0.00
TUS=5.00



S-265 E-W

TSK=0.00
TUS=5.00





(S-211, KOCHI-S, 09:42 on APRIL 1, 1968)

-77-78-



NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.00	0.59	-0.02	-3.33	-3.74	-0.26	2.13	-0.78	-2.39	-3.50
2	-0.00	0.59	-0.02	-3.33	-3.44	-0.26	2.63	-0.58	-2.79	-2.40
3	-0.00	0.59	-0.02	-2.73	-3.04	-0.06	3.43	-1.08	-3.59	-2.00
4	-0.00	0.59	-0.02	-2.09	-2.34	-0.06	4.13	-1.38	-3.99	-1.70
5	-0.00	0.59	-0.02	-1.73	-1.95	-0.06	4.13	-1.68	-3.89	-0.80
6	-0.00	0.19	-0.02	-1.13	-1.85	0.24	3.93	-1.98	-3.29	-0.30
7	0.10	0.09	-0.02	-0.43	-1.45	0.54	3.33	-1.98	-2.79	-0.10
8	0.10	-0.01	-0.02	-0.03	-1.05	1.04	2.33	-1.98	-1.89	-0.10
9	0.20	-0.01	0.68	-0.04	-0.25	1.24	1.53	-2.08	-1.09	-0.10
10	0.50	-0.01	1.18	0.06	-0.05	1.24	0.63	-3.38	-0.09	0.40
11	0.70	-0.21	1.88	0.56	-0.05	1.24	-0.07	-3.68	0.51	1.10
12	1.00	-0.41	3.58	1.16	-0.05	1.04	-0.07	-3.18	1.11	1.60
13	1.00	-0.01	4.28	1.56	-0.45	0.64	-0.37	-1.78	1.81	2.10
14	0.60	-0.01	5.37	2.16	-1.35	0.34	-0.67	-0.68	5.12	1.80
15	0.40	-0.01	5.37	2.56	-1.95	-0.06	-0.77	-0.08	7.73	1.80
16	-0.00	0.19	4.47	3.26	-2.25	-0.06	-1.27	0.62	9.21	2.30
17	-0.00	0.49	3.47	3.76	-3.15	-0.76	-1.47	1.62	9.50	1.80
18	-0.00	0.99	2.97	3.36	-3.75	-1.76	-1.67	2.22	9.30	1.60
19	-0.00	1.39	2.27	2.56	-4.15	-2.36	-1.97	2.92	8.89	1.30
20	-0.00	1.79	1.67	1.86	-4.65	-3.06	-1.57	2.92	8.10	1.00
21	-0.00	2.39	1.67	1.16	-4.65	-3.06	-1.17	2.42	7.80	0.50
22	-0.00	3.49	1.37	0.36	-4.45	-2.26	-1.07	2.02	7.60	-0.10
23	-0.00	3.88	0.67	-0.04	-4.25	-1.46	-0.67	1.82	6.99	-1.81
24	-0.01	4.18	0.37	-0.04	-3.95	-0.36	-0.67	1.72	5.70	-2.01
25	-0.01	4.18	-0.03	-0.24	-3.75	0.06	-0.67	1.32	5.10	-2.51
26	-0.01	3.38	-0.03	-0.24	-3.35	-0.06	-0.37	1.32	4.30	-3.41
27	-0.01	2.48	0.57	-0.04	-2.75	-0.06	-0.27	1.12	3.90	-4.20
28	-0.01	1.88	1.37	0.06	-2.25	0.24	-0.17	0.62	3.90	-4.20
29	-2.11	1.78	2.37	0.66	-1.85	1.24	-0.17	-0.08	3.30	-3.51
30	-2.71	1.38	2.67	1.06	-1.05	1.64	-0.47	-0.18	2.31	-3.10
31	-2.30	0.18	2.27	0.96	-0.05	1.34	-1.27	-0.58	2.86	-1.91
32	-0.71	-0.02	2.7	1.26	0.65	0.9	-1.27	-1.08	3.40	-0.11
33	-0.41	-0.02	2.57	0.96	1.65	0.24	-1.78	-1.8	3.0	-0.11
34	0.39	-0.02	2.57	0.36	1.65	0.24	-1.78	-1.69	3.70	0.59
35	0.49	-0.02	2.97	-0.04	1.95	-0.06	-3.78	-2.39	3.80	1.09
36	0.39	0.88	3.07	-0.04	2.65	-1.96	-4.38	-3.09	3.60	1.59
37	0.69	1.88	3.17	-0.04	3.45	-3.76	-5.38	-3.09	3.30	1.79
38	1.19	1.98	3.07	-0.24	2.95	-3.66	-5.98	-3.09	2.30	2.19
39	1.09	2.28	2.47	-0.74	2.55	-3.66	-6.58	-2.79	1.90	2.89
40	1.09	1.58	1.87	-1.24	2.55	-3.67	-6.68	-2.49	1.80	2.19
41	0.69	1.08	1.47	-1.54	1.75	-3.96	-6.67	-2.39	1.80	2.19
42	0.39	0.28	1.27	-2.34	0.05	-3.86	-6.08	-2.09	1.60	1.79
43	0.19	0.18	0.57	-3.14	-0.05	-3.36	-6.07	-1.99	0.90	1.69
44	-0.01	-0.02	0.47	-3.65	-0.05	-2.56	-5.77	-1.79	-0.45	0.89
45	0.19	-0.02	0.47	-4.75	-0.05	-1.46	-5.27	-1.59	-0.11	-0.11
46	0.39	-0.02	-0.03	-5.54	-0.05	0.67	-4.68	-1.39	-2.00	-0.51
47	0.99	-0.02	-1.13	-5.24	-0.05	-0.07	-4.47	-1.29	-3.10	-1.61
48	0.59	-0.02	-1.53	-4.64	-0.05	-0.07	-2.08	-1.09	-3.70	-3.81
49	0.59	-0.02	-1.83	-4.14	-0.16	0.63	-1.98	-0.89	-4.07	-4.61
50	0.59	-0.02	-2.73	-3.84	-0.46	1.33	-1.68	-1.19	-4.30	-4.81
						1.83	-1.48	-1.99	-3.90	-5.31

RECORD=S-211
DATE AND TIME=1968-04-01-09-42
COMPONENT=N-S
SAMPLING INTERVAL=0.010(SEC)
CORRECTION=ZERO ARC
FORMAT NO.=301

STATION=KOCHT-S
TOTAL NUMBER OF DATA= 8950

RECORD=S-211
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=N-S
 SIGNAL=GR. ACC.
 CORRECTION=ZFR0. ARC
 STATION=KOCHT-S
 TOTAL NUMBER OF DATA= 8950

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	-5.30	1.48	-8.04	7.76	-4.86	1.93	2.33	-0.19	-2.10	-0.71
2	-4.11	1.98	-8.65	8.35	-5.26	1.63	6.33	-0.19	-1.90	-1.91
3	-3.21	3.18	-9.34	8.37	-5.66	1.93	7.42	-0.19	-1.20	-3.51
4	-2.41	3.78	-9.64	9.35	-6.06	2.83	7.73	-0.19	-0.20	-4.12
5	-2.01	4.37	-10.03	9.25	-6.06	3.73	8.22	0.11	-0.20	-4.91
6	-1.91	3.98	-10.85	9.25	-6.06	4.43	8.22	1.11	0.70	-4.91
7	-1.71	3.78	-10.65	9.25	-6.36	5.13	8.32	1.71	1.70	-4.21
8	-1.11	3.78	-11.14	9.25	-6.55	5.33	8.02	2.41	3.39	-4.01
9	-0.71	3.57	-11.11	9.25	-6.25	5.63	7.82	3.96	2.20	-3.71
10	-0.11	3.27	-10.23	9.25	-5.91	5.23	7.51	5.52	1.50	-3.71
11	-0.11	2.98	-10.15	9.15	-5.56	4.43	6.31	6.92	0.80	0.19
12	0.09	2.98	-9.91	9.25	-5.35	3.93	5.62	8.52	-0.20	1.69
13	0.29	2.97	-8.62	9.15	-4.66	3.73	5.01	9.21	-0.50	3.09
14	0.49	3.07	-7.59	9.24	-4.15	3.43	3.82	9.51	-1.70	7.31
15	1.19	3.27	-4.13	8.85	-2.06	2.93	2.82	9.81	-3.91	9.50
16	1.29	3.27	-2.14	8.55	-0.56	2.43	2.02	9.81	-4.81	10.49
17	1.59	3.58	-1.14	8.15	-0.26	2.03	-0.68	10.11	-4.71	10.92
18	1.88	4.18	-0.14	7.85	-0.16	1.73	-2.08	10.10	-6.10	12.11
19	1.88	4.58	-0.14	7.65	0.44	1.43	-2.58	9.70	-6.10	13.04
20	1.88	5.28	0.76	7.55	1.04	0.83	-3.18	9.40	-5.60	13.52
21	1.88	5.97	1.76	6.84	1.74	0.33	-3.18	9.00	-5.20	15.28
22	1.78	5.97	2.96	5.74	2.54	-0.17	-3.48	8.50	-4.70	13.22
23	1.88	5.87	4.16	3.85	2.54	-0.17	-3.78	7.80	-4.30	11.56
24	1.88	5.67	4.36	3.65	2.94	-1.87	-4.08	7.20	-4.10	10.71
25	1.88	5.47	3.96	2.55	3.74	-2.88	-4.08	6.50	-2.40	7.73
26	1.88	4.97	3.36	2.05	3.84	-4.48	-3.98	6.09	-1.61	3.58
27	1.88	4.07	2.46	1.65	4.14	-5.87	-3.48	4.80	-0.21	3.18
28	0.58	3.37	1.86	1.05	3.73	-6.08	-2.88	3.60	0.39	1.78
29	0.28	1.87	1.56	0.15	2.54	-7.08	-2.28	2.20	1.69	0.08
30	-0.02	-0.13	1.06	-0.15	1.74	-7.88	-2.08	0.90	1.69	0.08
31	-0.12	-0.13	0.26	-1.15	1.34	-8.08	-1.68	-0.20	1.68	-2.12
32	-0.12	-0.43	-0.24	-2.45	0.54	-8.79	-0.89	-0.90	5.81	-5.93
33	-0.12	-1.13	-2.04	-4.75	0.04	-9.68	-0.39	-2.90	8.11	-7.92
34	-0.32	-2.03	-4.74	-5.15	-0.16	-9.87	-0.19	-5.50	9.10	-8.13
35	-0.82	-2.25	-5.34	-5.15	-0.46	-9.66	-0.19	-5.50	9.71	-8.72
36	-1.42	-2.53	-5.24	-4.25	-0.56	-9.66	-0.19	-6.71	10.50	-8.82
37	-1.72	-2.83	-4.74	-4.75	-0.86	-9.16	0.31	-7.91	10.99	-8.82
38	-1.92	-4.03	-4.34	-4.55	-0.56	-8.46	1.21	-8.92	10.89	-8.78
39	-2.02	-4.23	-3.64	-3.95	-0.16	-7.57	1.71	-10.14	10.78	-6.20
40	-2.82	-4.23	-3.24	-3.45	-0.06	-6.76	2.71	-11.91	10.28	-3.61
41	-2.22	-4.53	-2.74	-2.55	-0.06	-4.57	2.91	-12.20	9.93	-0.22
42	-2.02	-4.73	-1.74	-2.15	-0.07	-3.57	3.31	-12.19	9.58	0.78
43	-1.92	-4.84	-1.24	-1.95	0.07	-3.07	3.61	-11.78	9.17	0.78
44	-0.42	-5.63	-0.54	-1.85	1.73	-1.78	3.61	-11.17	7.97	1.68
45	-0.12	-5.93	-0.14	-1.65	2.54	-0.58	3.61	-10.29	6.18	2.08
46	-0.12	-6.14	-0.14	-2.26	3.73	-0.58	2.91	-10.09	5.38	3.28
47	-0.12	-6.63	1.16	-2.86	3.93	-0.18	1.71	-9.56	3.79	3.28
48	-0.12	-6.84	1.76	-3.76	3.73	-0.08	1.11	-7.77	2.79	3.28
49	-0.12	-7.44	3.36	-4.06	3.33	0.32	0.32	-5.29	1.59	3.28
50	1.08	-7.84	5.67	-4.66	2.43	1.12	-0.19	-3.80	0.79	3.18
								-2.20	-0.21	

NO.	RECORD=S-211 DATE AND TIME=1968-04-01-09-42										COMPONENT#N=S										SAMPLING INTERVAL= 0.010(SEC)										SIGNAL=GR.ACC.										CORRECTION=ZERO.ARC										FORMAT NO.=501										STATION=KOCCHI+S										TOTAL NUMBER OF DATA= 8950									
	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)										
1	2.28	-0.53	8.75	0.94	3.53	1.62	-0.30	7.28	-22.77																																																																							
2	1.58	-0.33	8.75	1.44	2.78	1.52	-0.30	6.68	-18.04																																																																							
3	0.78	-0.33	8.75	2.04	1.53	1.62	5.01	5.68	-14.19																																																																							
4	0.18	-0.23	8.75	2.44	0.43	1.62	6.31	5.08	-11.30																																																																							
5	-0.22	-0.23	8.74	3.25	-0.27	1.42	6.41	3.88	-10.31																																																																							
6	-0.92	-0.24	8.15	5.05	-2.57	1.02	6.41	2.69	-9.34																																																																							
7	-1.92	-0.24	7.74	6.65	-5.59	0.82	6.41	2.69	0.28																																																																							
8	-2.73	-0.24	6.75	7.65	-8.20	0.32	6.41	2.69	1.58																																																																							
9	-3.52	-0.24	5.95	8.56	-10.21	-0.88	6.41	2.69	3.89																																																																							
10	-3.52	-0.24	5.75	9.67	-12.00	-1.78	6.42	2.89	7.21																																																																							
11	-3.42	-0.24	5.75	11.06	-12.87	-1.98	7.21	5.00	10.59																																																																							
12	-2.22	-0.24	5.75	11.64	-12.87	-1.98	7.61	7.39	11.29																																																																							
13	-1.43	-0.24	5.75	11.64	-12.97	-1.98	7.62	8.10	11.83																																																																							
14	-1.23	-0.24	5.75	11.64	-12.97	-1.98	8.23	8.80	13.59																																																																							
15	-0.43	-0.94	5.76	11.64	-12.97	-1.78	9.84	9.59	13.97																																																																							
16	-0.23	-0.94	6.76	11.65	-12.97	-0.98	11.22	10.10	13.97																																																																							
17	0.47	-1.54	7.26	12.04	-12.97	-0.28	11.62	10.80	13.94																																																																							
18	0.67	-2.14	8.95	12.03	-12.95	1.62	12.13	11.61	13.94																																																																							
19	1.47	-2.64	8.75	11.63	-12.95	1.72	13.03	12.42	13.07																																																																							
20	1.47	-3.34	8.55	11.31	-12.45	1.92	14.01	13.41	12.83																																																																							
21	3.27	-3.74	8.55	10.13	-11.84	1.92	14.21	14.04	11.54																																																																							
22	3.47	-4.64	8.73	9.72	-10.94	2.02	14.21	15.31	10.27																																																																							
23	3.67	-4.94	7.72	8.92	-9.65	2.22	14.20	15.85	10.17																																																																							
24	4.08	-5.94	5.74	7.93	-8.26	2.22	14.08	16.87	11.07																																																																							
25	5.07	-5.94	4.44	7.63	-7.66	2.22	13.44	14.97	10.04																																																																							
26	5.37	-5.94	2.35	6.73	-6.97	2.22	11.84	12.58	8.76																																																																							
27	5.47	-5.94	0.15	5.73	-6.27	2.22	8.65	9.61	8.06																																																																							
28	5.37	-5.94	-0.35	4.73	-5.77	2.22	5.10	2.68	6.86																																																																							
29	5.47	-5.94	-1.95	2.14	-4.67	2.22	5.10	-0.32	6.26																																																																							
30	5.47	-5.54	-2.95	1.74	-3.47	2.21	3.70	-0.32	5.57																																																																							
31	5.37	-4.84	-3.55	1.54	-2.97	2.21	2.90	-4.23	5.67																																																																							
32	4.77	-4.44	-4.15	1.54	-2.27	2.21	1.70	-8.27	5.77																																																																							
33	3.77	-4.14	-4.56	1.54	-1.77	2.21	0.80	-12.08	5.87																																																																							
34	3.17	-4.04	-5.16	1.54	-0.97	2.21	0.10	-14.14	5.87																																																																							
35	2.17	-3.64	-6.16	1.54	-0.38	2.21	-0.30	-16.82	5.47																																																																							
36	1.57	-3.24	-6.96	1.64	0.92	2.11	-0.90	-17.22	5.27																																																																							
37	1.47	-2.84	-7.75	2.44	0.92	1.11	-2.20	-20.56	5.07																																																																							
38	1.37	-2.74	-7.75	3.54	0.92	1.11	-3.20	-24.38	5.07																																																																							
39	0.77	-2.74	-7.75	4.04	0.92	1.11	-3.80	-27.17	4.77																																																																							
40	0.17	-2.74	-7.75	5.04	0.92	1.11	-3.80	-29.24	4.77																																																																							
41	-0.23	-2.44	-7.75	5.44	0.92	1.11	-3.80	-30.22	4.77																																																																							
42	-0.23	-1.24	-7.74	6.74	0.52	1.11	-3.00	-30.22	4.67																																																																							
43	-0.23	0.86	-6.95	7.43	0.32	1.21	-3.00	-30.22	4.67																																																																							
44	-0.53	2.06	-6.65	7.43	0.32	1.21	-2.30	-29.86	4.27																																																																							
45	-1.13	2.66	-5.65	7.43	0.32	1.71	-1.40	-28.10	4.27																																																																							
46	-1.33	2.66	-4.85	7.43	0.82	2.21	-0.30	-26.82	4.27																																																																							
47	-1.33	3.46	-4.15	7.53	0.82	3.01	-0.30	-25.58	4.06																																																																							
48	-1.23	4.06	-4.15	7.41	1.42	3.61	-0.30	-24.54	4.06																																																																							
49	-0.73	6.68	-3.25	5.52	1.62	3.61	-0.30	-24.54	2.66																																																																							
50	-0.43	8.76	-0.26	5.52	1.62	3.61	-0.30	-24.54	2.66																																																																							

NO.	CORRECTION-ZFR0.ARC FORMAT NO.=301										STATION=KOCCHI'S TOTAL NUMBER OF DATA= 8950		
	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)	(1850)	(1900)	(1950)
1	1.67	-1.05	-0.36	17.67	-15.93	8.59	21.18	-3.00	-18.60	36.46			
2	1.07	-4.05	-1.66	19.85	-15.04	7.39	20.97	0.89	-18.27	37.99			
3	0.27	-4.45	-3.87	23.31	-14.23	5.59	20.54	8.17	-17.56	39.26			
4	-0.33	-4.45	-7.46	23.13	-13.05	2.61	20.54	14.03	-16.65	40.08			
5	-0.34	-4.35	-7.46	23.12	-12.23	0.21	19.87	17.30	-17.13	41.65			
6	-1.04	-4.25	-7.46	23.04	-10.76	-0.89	19.59	17.53	-17.24	42.73			
7	-2.04	-4.25	-7.46	23.13	-9.75	-3.90	19.50	18.19	-17.42	44.84			
8	-2.24	-4.04	-7.87	23.18	-8.36	-6.92	19.46	19.60	-17.42	47.63			
9	-2.54	-3.64	-9.08	23.18	-6.87	-9.72	18.97	21.02	-17.44	48.61			
10	-3.64	-3.45	-10.27	23.53	-5.77	-11.18	18.52	22.41	-17.65	48.56			
11	-4.24	-3.55	-10.56	23.53	-4.58	-14.32	17.48	23.65	-17.75	48.56			
12	-4.24	-3.05	-10.56	23.53	-3.88	-15.01	17.17	24.93	-18.14	48.61			
13	-4.24	-2.95	-10.56	23.53	-3.88	-17.62	16.83	25.50	-18.38	48.61			
14	-4.24	-2.95	-10.56	23.53	-3.98	-21.21	16.83	27.48	-19.20	48.56			
15	-4.24	-3.35	-9.84	23.46	-3.98	-25.42	17.43	27.55	-20.03	48.56			
16	-4.24	-3.35	-9.84	23.46	-4.29	-27.87	18.01	27.88	-20.03	48.56			
17	-4.24	-3.35	-9.05	22.88	-5.09	-29.79	18.25	27.88	-20.03	48.56			
18	-4.84	-3.35	-8.25	21.98	-6.31	-29.81	18.94	27.82	-20.03	48.56			
19	-4.84	-3.35	-7.35	21.45	-10.15	-29.87	19.59	27.48	-20.03	48.56			
20	-5.04	-3.45	-6.25	20.67	-13.19	-29.72	20.78	27.48	-20.03	48.56			
21	-5.54	-3.65	-4.76	20.05	-15.38	-28.63	21.59	27.48	-20.02	48.56			
22	-5.54	-3.65	-3.85	19.20	-16.78	-26.15	21.59	27.48	-19.91	48.56			
23	-5.54	-3.65	-1.36	18.77	-18.36	-24.85	21.53	25.05	-19.68	48.56			
24	-5.54	-3.65	-0.66	17.99	-19.38	-25.24	20.92	21.29	-19.31	47.87			
25	-5.54	-3.65	0.36	17.39	-19.38	-22.92	20.92	21.29	-18.91	47.32			
26	-5.54	-3.65	1.54	16.88	-19.34	-22.25	20.11	16.30	-18.61	46.37			
27	-5.32	-4.05	1.94	16.21	-18.75	-21.89	19.12	10.46	-18.33	43.83			
28	-1.94	-4.05	5.15	15.90	-18.36	-20.60	18.11	10.46	-18.31	39.74			
29	-1.84	-4.05	6.94	15.40	-18.04	-20.60	16.80	5.54	-18.00	35.74			
30	-0.94	-4.05	7.54	14.83	-17.31	-8.85	13.74	-1.32	-17.62	32.87			
31	-0.34	-3.85	7.54	12.88	-16.23	-0.40	12.43	-6.37	-17.40	29.64			
32	0.26	-3.85	7.54	11.57	-15.26	0.70	7.53	-12.44	-16.99	25.14			
33	1.56	-3.65	7.54	9.61	-12.67	3.52	2.59	-16.35	-16.42	21.57			
34	5.99	-3.65	7.54	8.80	-9.37	10.91	-1.11	-20.30	-16.19	16.68			
35	9.57	-3.65	7.54	7.31	-3.37	15.10	-4.12	-22.43	-15.50	15.02			
36	10.39	-3.55	7.54	5.60	1.32	19.08	-7.97	-25.20	-14.91	10.16			
37	11.59	-2.95	7.63	1.62	9.34	21.40	-12.21	-26.82	-14.39	5.63			
38	12.79	-2.35	7.54	-0.88	10.65	23.36	-15.57	-26.47	-13.39	1.56			
39	13.56	-1.85	7.54	-3.48	12.31	23.97	-20.68	-27.48	-12.30	-1.04			
40	13.56	-0.75	7.84	-6.09	12.34	22.64	-24.75	-28.62	-8.31	-5.77			
41	13.56	-0.35	8.24	-8.10	13.01	25.64	-28.11	-30.82	-3.43	-10.15			
42	13.50	-0.35	8.65	-10.02	13.01	22.08	-30.11	-29.98	5.52	-10.34			
43	11.98	-0.35	9.57	-12.15	13.01	21.90	-30.11	-29.56	13.54	-10.34			
44	9.58	-0.35	11.18	-14.56	13.01	21.90	-30.11	-28.08	15.59	-10.34			
45	5.66	1.15	12.95	-16.28	12.99	21.90	-30.01	-26.29	21.88	-10.34			
46	5.55	2.24	12.74	-16.28	12.27	21.90	-28.63	-25.37	26.05	-10.43			
47	4.05	2.34	13.55	-16.28	11.00	21.90	-23.47	-24.17	30.01	-14.39			
48	2.65	2.34	16.28	-16.28	10.60	21.89	-19.25	-22.27	32.68	-19.70			
49	1.65	1.64	16.02	-16.28	10.00	21.77	-17.13	-20.91	34.22	-20.52			
50	-0.15	0.64	16.00	-16.26	9.50	21.49	-12.79	-19.79	34.82	-22.47			
			17.25	-15.98	8.71	21.38	-9.29	-19.56	35.48	-23.64			

RECORDS=241
DATE AND TIME=1968-04-01-09-42

COMPONENT=N-S
SAMPLING INTERVAL= 0.010(SEC)

SIGNAL=GR.ACC.
CORRECTION=ZERO.ARC
FORMAT NO.=301

STATION=KOCHI-S
TOTAL NUMBER OF DATA= 8950

NO.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	-24.56	-1.16	6.74	8.90	-0.49	21.33	13.66	25.30	-11.07	-0.85
2	-26.36	-4.37	7.24	7.51	-4.42	22.84	10.63	25.48	-12.27	-0.75
3	-28.90	-6.37	7.95	6.71	-10.98	24.94	8.43	25.48	-13.27	-0.75
4	-33.05	-8.18	9.46	5.52	-18.13	26.06	4.88	25.38	-14.24	-0.65
5	-35.62	-9.46	10.87	4.71	-18.79	27.32	2.69	24.66	-14.47	-0.85
6	-36.58	-9.56	12.27	3.52	-21.70	29.35	1.68	23.71	-15.28	-0.85
7	-37.33	-9.56	13.33	2.72	-26.65	31.34	-1.52	22.35	-16.06	0.35
8	-37.93	-9.56	13.28	1.62	-30.21	33.57	-6.46	21.28	-16.48	0.75
9	-38.35	-9.55	13.33	1.22	-35.08	35.81	-11.56	21.28	-17.08	1.35
10	-38.51	-9.05	13.28	0.92	-37.47	36.54	-16.64	21.35	-16.24	3.86
11	-38.85	-8.66	13.33	0.62	-39.81	38.01	-20.41	20.00	-16.24	5.36
12	-38.85	-8.46	13.35	0.62	-43.93	40.01	-22.96	20.20	-16.24	7.18
13	-38.69	-8.35	13.86	0.62	-48.40	42.03	-27.74	19.42	-16.24	9.70
14	-38.07	-7.65	14.66	0.62	-52.01	44.58	-31.21	18.70	-16.51	12.25
15	-36.43	-6.56	15.36	0.62	-55.86	47.24	-34.78	17.77	-15.94	15.27
16	-33.37	-6.16	17.94	1.12	-58.51	49.71	-37.00	17.75	-15.94	17.74
17	-31.55	-6.16	19.48	1.62	-60.07	49.71	-39.62	17.35	-15.94	20.60
18	-29.88	-6.16	20.10	2.85	-61.86	50.43	-42.17	16.96	-15.92	23.43
19	-26.54	-6.36	20.88	8.29	-62.87	51.59	-42.42	16.74	-15.52	25.92
20	-20.59	-6.47	21.43	13.66	-63.59	52.91	-42.42	16.27	-15.10	28.60
21	-11.98	-6.97	21.43	19.82	-64.15	55.36	-42.42	16.17	-14.41	31.25
22	-6.50	-7.57	21.43	24.99	-64.37	58.05	-42.42	16.06	-13.69	33.20
23	-0.85	-8.17	21.42	30.66	-64.40	58.69	-42.42	15.88	-12.47	33.49
24	5.29	-8.77	21.29	34.09	-64.40	58.69	-42.08	15.94	-10.54	34.15
25	12.76	-9.58	20.89	36.89	-64.40	58.69	-41.09	15.43	-10.30	34.88
26	16.16	-10.38	20.46	37.87	-64.13	58.69	-39.49	14.51	-8.74	35.38
27	21.58	-11.08	19.69	39.83	-63.16	58.69	-36.97	13.23	-8.52	36.03
28	24.46	-11.78	19.29	42.05	-62.41	57.56	-34.07	12.04	-7.13	36.86
29	31.25	-12.38	18.90	44.79	-60.87	53.75	-30.93	11.04	-6.33	37.15
30	37.06	-12.80	18.49	46.61	-58.32	50.19	-28.21	9.84	-4.64	37.15
31	40.74	-13.85	17.99	46.61	-56.48	48.15	-25.90	8.46	-3.54	37.15
32	44.46	-15.78	17.53	46.61	-53.89	45.82	-23.37	7.76	-2.84	37.06
33	45.85	-16.21	17.52	46.29	-50.58	42.57	-18.21	6.97	-2.64	36.67
34	45.45	-17.01	17.52	45.56	-47.01	39.49	-14.15	6.56	-2.64	36.14
35	44.78	-17.80	17.56	44.60	-43.99	36.63	-12.43	5.57	-2.64	35.74
36	44.13	-18.46	18.07	43.55	-42.32	33.54	-9.64	5.06	-2.64	35.34
37	42.43	-19.71	18.62	42.66	-40.51	29.79	-6.49	4.07	-2.64	34.92
38	39.93	-20.16	18.62	41.67	-34.08	26.14	-0.52	3.37	-2.44	34.42
39	37.64	-20.17	18.62	39.83	-23.84	23.04	2.78	2.47	-2.44	33.90
40	34.82	-20.06	18.62	36.87	-19.84	19.31	6.12	0.87	-2.44	33.21
41	32.26	-18.92	18.44	33.63	-13.73	17.27	11.07	-0.53	-2.44	32.20
42	29.86	-18.13	17.25	29.10	-11.79	16.99	14.65	-2.23	-2.44	30.64
43	26.44	-15.01	16.08	25.10	-4.88	16.99	18.23	-3.03	-2.44	27.75
44	23.09	-13.86	15.28	22.74	-0.50	16.96	19.12	-4.04	-2.44	27.06
45	19.31	-11.43	14.48	19.33	1.30	16.96	20.91	-5.04	-2.44	25.96
46	16.43	-10.04	13.50	14.73	3.62	16.49	22.30	-6.24	-2.44	25.31
47	14.37	-8.94	12.88	10.82	9.24	16.49	23.54	-7.25	-2.34	24.32
48	10.43	-7.37	11.70	7.27	11.51	16.49	24.82	-8.46	-2.04	23.33
49	5.52	0.63	10.89	3.51	15.55	16.38	25.10	-9.85	-1.55	22.13
50	1.54	3.54	9.51	1.51	18.61	16.65	25.28	-10.45	-1.05	19.36

RECORD#	DATE AND TIME	COMPONENT=N-S	SAMPLING INTERVAL=0.010(SEC)	SIGNAL=GR.ARC.	CORRECTION=ZERO.ARC	FORMAT NO.=301	STATION=KOCHT-S			
NO.	(250n)	(250n)	(250n)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)
1	18.39	-53.97	54.97	-12.49	17.33	-12.38	15.15	14.06	-0.95	-3.26
2	17.49	-53.84	51.57	-12.49	17.85	-14.59	16.71	16.42	-3.35	-3.16
3	16.77	-53.46	48.70	-12.49	18.65	-16.25	17.33	19.13	-5.36	-3.06
4	15.59	-52.97	46.06	-12.49	19.33	-18.80	18.13	21.13	-8.37	-2.86
5	14.51	-52.48	43.03	-12.49	19.76	-22.41	18.94	21.85	-9.87	-2.76
6	13.80	-51.80	39.55	-12.49	20.44	-23.27	19.76	22.64	-11.18	-2.26
7	12.84	-51.22	35.37	-12.49	20.94	-23.92	20.74	23.42	-12.59	-2.26
8	12.75	-50.40	30.81	-12.52	21.47	-25.57	21.41	24.83	-14.01	-2.06
9	12.95	-49.24	27.92	-13.31	22.16	-26.73	21.88	26.72	-15.45	-1.66
10	13.14	-48.03	25.02	-13.90	22.74	-27.98	22.79	27.76	-17.52	-1.06
11	13.16	-47.10	22.11	-14.21	23.13	-28.47	22.83	29.03	-18.70	-0.86
12	13.79	-45.20	19.11	-14.61	23.44	-29.16	22.43	30.83	-20.73	-0.76
13	14.95	-42.20	15.37	-15.05	23.80	-28.88	22.01	32.85	-22.86	-0.66
14	15.15	-39.31	14.36	-16.52	23.75	-28.68	21.43	33.75	-25.53	-0.66
15	15.36	-37.40	12.35	-16.71	23.35	-28.45	21.03	34.98	-26.66	-0.56
16	15.74	-35.77	10.36	-17.04	22.95	-27.97	20.45	36.25	-26.81	-0.16
17	15.83	-33.14	7.80	-17.83	22.51	-27.12	18.74	37.56	-27.24	0.64
18	15.71	-29.24	6.40	-18.35	21.67	-26.57	13.28	38.17	-27.85	0.64
19	15.19	-26.50	4.81	-19.11	20.52	-26.26	10.81	37.95	-28.40	1.24
20	14.18	-24.14	3.62	-19.36	19.71	-25.73	8.33	37.86	-28.70	1.64
21	12.83	-21.97	3.22	-20.20	18.86	-24.54	5.75	37.86	-29.00	2.24
22	12.61	-17.32	2.82	-21.30	19.33	-23.82	2.37	37.86	-29.18	4.05
23	11.71	-13.51	2.82	-21.50	19.74	-22.27	0.67	37.86	-28.78	6.05
24	7.43	-12.02	2.82	-21.22	20.35	-20.81	0.07	37.83	-28.31	7.25
25	6.81	-10.25	2.82	-20.46	21.10	-18.68	-1.23	37.70	-27.44	8.05
26	3.83	-8.83	2.82	-19.97	23.12	-17.04	-2.53	37.50	-26.26	9.25
27	1.83	-1.57	3.32	-18.48	23.32	-17.29	-3.33	37.33	-25.60	10.08
28	-2.87	1.13	5.02	-16.94	23.60	-16.80	-4.33	36.77	-24.50	12.07
29	-4.27	5.75	5.61	-15.83	24.49	-16.49	-4.53	35.45	-23.37	13.30
30	-5.30	9.82	5.31	-12.76	25.27	-16.00	-4.93	34.95	-22.14	15.08
31	-11.24	14.16	4.61	-11.51	25.98	-15.56	-4.93	34.18	-20.15	15.96
32	-14.19	19.24	3.01	-8.55	27.12	-14.37	-4.93	33.47	-17.99	16.48
33	-17.17	19.83	2.81	-5.59	27.36	-13.19	-9.3	32.68	-17.11	17.36
34	-20.32	26.51	1.61	-3.99	27.76	-12.49	-4.93	31.95	-16.42	19.24
35	-21.21	34.30	0.61	-1.80	28.28	-11.59	-4.63	31.49	-15.91	19.19
36	-24.92	38.50	-0.59	-0.30	29.15	-10.60	-4.13	31.11	-15.03	18.63
37	-28.31	40.67	-1.49	1.30	28.88	-9.59	-3.33	30.13	-14.52	18.50
38	-31.04	44.84	-3.89	3.11	28.09	-7.97	-2.73	27.86	-13.82	18.00
39	-34.24	48.11	-4.49	6.11	26.07	-4.41	-2.25	25.00	-13.03	17.51
40	-37.68	51.38	-5.29	7.33	22.68	-2.62	-1.13	22.63	-12.29	17.11
41	-39.89	54.45	-5.50	9.71	20.04	-1.32	-0.63	22.23	-10.29	16.69
42	-42.81	56.66	-7.10	10.42	18.11	-0.62	0.07	20.03	-7.62	15.91
43	-45.23	58.34	-8.51	11.15	14.25	0.68	1.07	16.37	-5.05	15.45
44	-47.63	60.52	-9.90	13.12	11.04	2.08	2.17	13.50	-4.53	13.87
45	-49.23	61.02	-10.52	13.62	5.36	4.08	4.17	11.91	-4.16	12.28
46	-50.27	60.63	-11.80	14.14	0.69	5.69	5.68	10.29	-4.05	10.70
47	-51.20	60.44	-12.30	15.01	-0.61	7.89	7.29	7.33	-3.66	9.21
48	-52.65	59.96	-12.49	15.33	-2.52	9.19	9.70	5.25	-3.46	8.46
49	-53.78	59.59	-12.49	16.05	-6.33	10.14	11.19	4.34	-3.46	8.12
50	-53.97	58.01	-12.49	16.92	-8.97	13.15	12.22	0.35	-3.46	7.02

RECORD=S-211 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZFRO.ARC STATION=KOCHE-T-S
 DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8950

NO.	(300n)	(305n)	(310n)	(315n)	(320n)	(325n)	(330n)	(335n)	(340n)	(345n)
1	6.32	11.74	6.69	10.99	-6.68	-3.46	0.46	17.97	-12.62	4.23
2	5.43	11.23	7.89	10.69	-6.89	-2.46	-0.74	17.66	-13.63	4.43
3	4.93	10.23	8.91	10.38	-7.38	-1.46	-1.24	17.36	-14.75	4.63
4	4.53	9.34	11.10	9.88	-6.88	-1.26	-2.84	17.07	-16.04	4.63
5	4.12	8.94	12.32	9.49	-6.68	-0.76	-4.55	16.88	-16.94	4.73
6	3.72	8.23	13.92	9.50	-6.18	-0.37	-5.63	16.90	-17.64	5.33
7	3.72	7.24	15.11	9.90	-5.79	0.83	-6.75	17.29	-18.23	5.72
8	3.72	6.44	15.89	10.50	-5.39	2.83	-7.86	17.50	-18.74	5.92
9	3.72	5.84	16.29	11.02	-5.09	3.13	-8.85	17.88	-19.23	6.22
10	3.72	5.03	16.73	12.22	-4.79	3.43	-9.16	17.97	-19.60	6.32
11	4.22	3.23	16.10	13.45	-4.29	4.13	-9.76	17.98	-19.61	6.72
12	4.62	0.24	15.08	15.03	-3.70	4.12	-10.15	18.07	-19.64	7.07
13	5.42	-1.97	13.50	16.12	-3.40	3.72	-10.15	18.07	-20.01	7.41
14	5.91	-4.68	12.12	18.45	-3.10	3.72	-9.94	18.07	-20.01	7.42
15	5.92	-7.11	10.93	19.45	-3.50	3.32	-9.34	18.07	-20.01	7.81
16	6.81	-10.72	9.93	20.32	-4.00	2.82	-8.14	18.16	-19.99	8.01
17	6.81	-12.75	9.03	20.81	-4.11	2.02	-6.95	18.15	-19.70	8.21
18	7.41	-14.99	8.13	21.25	-4.41	1.82	-5.96	17.95	-19.50	8.40
19	8.01	-17.49	7.14	22.05	-4.71	1.61	-5.06	17.74	-19.27	8.40
20	8.71	-20.99	6.44	22.79	-5.31	1.31	-4.26	17.44	-18.69	8.00
21	9.32	-24.39	5.44	22.97	-5.92	0.81	-2.96	17.14	-18.18	8.00
22	10.42	-26.82	5.45	22.95	-6.72	0.61	-1.17	16.93	-17.47	8.00
23	11.22	-29.13	5.95	22.82	-7.32	0.31	1.53	16.51	-16.67	7.99
24	12.19	-29.00	7.04	22.42	-7.92	0.71	4.54	15.79	-15.70	7.79
25	13.11	-32.06	7.05	22.00	-8.32	1.01	6.44	14.82	-15.08	7.69
26	17.50	-34.90	7.75	21.42	-8.42	2.00	7.65	14.30	-14.09	7.19
27	19.05	-36.56	8.34	21.00	-8.42	2.81	9.06	13.32	-13.23	6.89
28	19.86	-38.51	8.75	20.37	-8.72	4.21	10.78	12.59	-13.11	6.59
29	20.62	-38.95	9.84	19.42	-8.73	5.81	12.79	11.03	-12.31	6.39
30	21.08	-39.66	10.35	18.94	-9.28	6.91	14.60	10.42	-11.51	6.38
31	22.05	-40.39	10.94	17.45	-9.74	7.81	16.17	9.61	-10.62	6.08
32	22.65	-40.26	11.35	15.98	-10.34	6.60	16.96	8.10	-9.71	6.09
33	23.25	-39.76	12.15	14.76	-10.94	9.21	17.55	5.72	-7.85	6.28
34	23.83	-38.94	12.86	13.01	-11.34	10.11	18.06	3.93	-6.84	6.48
35	24.24	-37.51	13.84	12.01	-11.63	10.71	18.74	3.13	-6.64	6.58
36	24.68	-35.29	14.24	10.80	-11.65	11.00	19.12	1.73	-6.34	6.88
37	24.68	-32.98	14.63	9.22	-12.14	11.38	19.21	-0.27	-6.04	7.18
38	24.68	-30.65	14.90	8.01	-12.13	11.18	19.21	-1.07	-4.85	7.48
39	24.31	-29.39	14.50	6.02	-11.74	10.98	19.21	-1.47	-4.15	7.88
40	23.82	-28.17	14.10	4.03	-11.73	10.97	19.16	-2.27	-3.55	8.18
41	23.29	-25.78	13.70	2.03	-11.42	10.66	18.70	-2.58	-2.95	8.48
42	21.89	-18.25	13.30	0.43	-10.73	10.05	18.70	-3.48	-1.85	8.87
43	21.14	-15.88	12.90	-0.77	-10.23	8.86	18.70	-4.08	-1.36	9.08
44	20.75	-11.73	12.50	-1.27	-9.42	7.86	18.70	-4.98	0.44	9.67
45	19.50	-8.77	12.11	-2.37	-8.04	6.86	18.69	-5.99	1.84	9.96
46	17.56	-5.79	12.11	-2.87	-7.04	5.86	18.59	-6.99	2.34	9.95
47	16.00	-1.82	12.10	-3.68	-6.05	4.67	18.58	-8.10	2.54	9.55
48	14.99	-0.22	11.89	-4.48	-5.45	3.86	18.38	-9.21	2.94	9.25
49	13.63	-0.02	11.59	-5.28	-4.65	2.67	18.18	-10.81	3.34	8.95
50	13.01	2.88	11.29	-5.49	-4.25	1.67	18.08	-11.62	4.13	8.75

NO.	(3500)	(3550)	(3600)	(3650)	(3700)	(3750)	(3800)	(3850)	(3900)	(3950)
1	8.45	2.38	-2.30	8.12	-1.56	-1.83	9.97	-9.39	9.93	-3.55
2	8.15	2.57	-2.70	8.26	-2.06	2.07	9.47	-9.07	9.83	-3.35
3	7.85	1.87	-3.11	8.22	-2.06	6.48	8.66	-7.49	9.82	-3.85
4	7.63	1.67	-3.51	8.83	-2.86	8.19	7.47	-6.99	9.53	-3.15
5	6.45	1.27	-3.71	9.42	-3.67	10.22	6.86	-6.30	9.47	-2.75
6	6.24	0.67	-4.11	9.72	-4.87	16.01	5.47	-5.90	9.43	-2.85
7	6.04	0.37	-4.21	10.11	-5.67	18.31	4.87	-5.40	9.53	-2.16
8	5.74	-0.14	-3.81	10.21	-6.98	19.03	3.47	-4.50	9.73	-2.16
9	5.75	-0.54	-2.61	10.21	-8.48	20.24	3.07	-3.90	10.02	-1.86
10	6.34	-1.04	-1.72	10.10	-9.59	22.28	2.37	-3.70	10.22	-1.46
11	6.44	-1.54	-1.12	9.70	-10.50	24.24	1.97	-3.51	10.42	-1.56
12	6.94	-1.54	0.28	9.80	-11.70	25.60	1.97	-3.11	10.72	-1.96
13	7.14	1.68	1.68	8.99	-12.61	26.73	1.97	-3.11	10.92	-2.17
14	7.33	2.04	3.48	8.60	-13.60	28.20	1.97	-2.81	11.12	-2.37
15	7.03	2.15	4.78	8.49	-14.32	28.44	1.96	-2.81	11.32	-2.37
16	6.93	2.45	6.08	8.20	-15.31	28.52	1.96	-2.71	11.72	-2.87
17	6.83	3.25	6.28	8.09	-16.03	28.82	1.96	-2.72	12.12	-3.17
18	6.52	3.95	6.57	7.79	-16.92	28.61	1.96	-2.72	12.41	-3.87
19	6.32	4.65	6.88	7.69	-17.56	27.91	1.86	-2.72	12.62	-4.28
20	5.92	5.36	7.58	7.29	-18.80	27.23	1.86	-2.72	13.12	-4.78
21	5.22	5.66	8.27	7.08	-20.40	26.62	1.55	-2.72	13.61	-5.58
22	4.72	6.06	8.67	6.78	-21.78	25.89	1.05	-2.42	13.91	-6.28
23	4.52	6.26	8.87	6.58	-22.79	24.90	0.55	-2.33	14.20	-6.78
24	3.81	6.36	9.27	6.49	-23.75	23.38	0.15	-2.03	14.20	-7.19
25	2.92	6.16	9.77	6.99	-24.32	22.28	-0.05	-2.03	14.18	-7.69
26	2.61	5.86	10.06	7.59	-25.37	21.86	-0.05	-1.53	13.88	-8.49
27	2.41	5.56	10.15	8.18	-25.98	21.23	-0.95	-1.33	13.65	-8.40
28	2.21	5.56	9.95	8.48	-26.56	20.32	-1.86	-0.73	12.78	-9.50
29	1.91	4.57	9.65	8.68	-26.97	19.23	-1.96	-0.03	12.48	-10.00
30	1.51	4.07	9.35	8.88	-27.40	18.30	-2.26	1.07	12.17	-10.50
31	1.11	3.57	9.14	9.28	-27.46	17.99	-2.76	2.26	11.87	-10.91
32	1.11	2.17	8.85	9.68	-27.88	17.69	-3.26	2.76	11.46	-11.50
33	0.90	1.57	8.64	10.08	-28.29	17.40	-3.66	3.36	10.85	-11.70
34	0.70	0.78	8.34	10.28	-28.21	17.22	-4.17	3.86	9.76	-11.69
35	0.70	0.32	8.04	10.57	-28.21	17.28	-4.67	4.76	8.87	-11.29
36	0.70	0.92	7.64	10.55	-28.16	16.78	-5.17	4.77	8.65	-10.89
37	0.70	1.22	7.34	10.16	-27.85	16.29	-5.67	6.56	7.25	-10.40
38	0.90	1.42	6.94	9.96	-27.47	16.01	-6.17	7.36	5.76	-10.10
39	1.09	1.82	6.64	9.75	-27.10	16.01	-6.68	7.86	4.46	-9.69
40	1.29	2.12	6.34	9.35	-26.31	15.97	-7.58	8.16	3.17	-9.40
41	1.69	2.31	6.14	8.85	-25.53	15.42	-7.88	8.96	1.87	-9.40
42	1.89	2.31	6.13	8.29	-24.72	14.07	-8.28	9.85	0.57	-7.41
43	2.19	2.01	5.93	7.73	-22.91	13.36	-8.59	9.45	0.57	-7.01
44	2.29	1.81	6.13	6.44	-20.07	12.48	-9.19	9.85	-0.14	-6.51
45	2.39	1.51	6.43	5.24	-18.14	12.00	-9.69	10.16	-1.4	-5.61
46	2.38	0.61	6.73	4.24	-16.74	11.98	-9.98	10.74	-1.84	-4.82
47	2.48	0.30	6.83	2.85	-14.85	11.69	-9.98	10.73	-2.14	-4.32
48	2.68	-0.60	7.13	1.55	-6.22	11.47	-9.99	10.63	-2.2	-3.32
49	2.78	-1.50	7.62	0.45	-5.03	10.77	-9.98	10.43	-2.64	-2.92
50	2.48	-1.60	7.73	-0.36	-4.43	10.28	-9.78	10.22	-3.05	-2.22

STATION=KOCHE-S
TOTAL NUMBER OF DATA= 8950

CORRECTION=ZFRD.ARC
FORMAT NO.=301

SIGNAL=GR.ACC.
CORRECTION=ZFRD.ARC
SAMPLING INTERVAL= 0.010(SEC)

COMPONENT=N-S
DATE AND TIME=1968-04-01-09-42

NO.	RECORD=S-211 DATE AND TIME=1968-04-01-09=42					COMPONENT=N-S SAMPLING INTERVAL=0.0101(SEC)					SIGNAL=GR.ACC.					CORRECTION=ZFR0.ARC FORMAT NO.=301					STATION=KOCHI-S TOTAL NUMBER OF DATA= 8950								
	(4000)	(4050)	(4100)	(4150)	(4200)	(4250)	(4300)	(4350)	(4400)	(4450)	(4000)	(4050)	(4100)	(4150)	(4200)	(4250)	(4300)	(4350)	(4400)	(4450)	(4000)	(4050)	(4100)	(4150)	(4200)	(4250)	(4300)	(4350)	(4400)	( 4450)
1	-1.62	17.35	-19.30	12.94	-0.64	-3.71	3.71	7.31	-0.95	5.48																			
2	-1.23	16.75	-18.15	12.90	-0.94	-4.32	3.91	6.41	-1.05	5.47																			
3	-0.63	16.07	-17.56	12.14	-1.54	-4.52	3.90	5.22	-1.45	5.37																			
4	0.17	15.64	-17.07	12.13	-1.74	-4.92	3.90	4.82	-1.75	5.17																			
5	0.67	14.73	-16.87	11.82	-1.94	-4.92	4.00	3.82	-2.05	4.97																			
6	1.17	13.85	-16.56	11.53	-1.94	-4.92	4.00	3.12	-2.35	4.97																			
7	1.67	12.86	-16.02	11.33	-1.75	-5.12	4.00	3.12	-2.56	4.46																			
8	3.07	12.27	-14.55	11.12	-1.65	-5.12	4.30	2.52	-2.76	4.06																			
9	4.07	11.82	-13.56	10.93	-1.35	-5.33	5.00	2.22	-2.86	4.06																			
10	4.47	10.17	-12.34	10.91	-1.05	-5.23	5.00	1.82	-2.96	3.56																			
11	5.07	9.56	-10.36	10.33	-0.65	-5.23	5.00	1.82	-2.96	3.16																			
12	5.66	8.56	-8.39	10.32	-0.25	-4.63	5.70	1.51	-3.16	3.06																			
13	6.17	7.57	-7.49	10.03	0.15	-4.23	6.09	1.11	-3.46	2.86																			
14	6.86	7.27	-6.69	10.12	0.54	-3.73	6.29	0.91	-3.87	2.56																			
15	7.26	6.86	-5.10	10.12	0.74	-3.14	6.59	0.71	-4.07	2.36																			
16	7.55	6.07	-4.40	10.01	0.94	-2.64	6.89	0.51	-4.57	2.35																			
17	7.55	5.56	-3.60	9.71	1.14	-2.64	7.21	0.21	-5.17	2.35																			
18	7.55	4.67	-2.91	9.31	1.34	-2.34	7.21	-0.29	-5.77	1.95																			
19	7.75	4.06	-2.91	9.31	1.34	-2.34	8.69	-0.60	-6.58	1.15																			
20	7.75	3.16	-1.91	9.21	1.24	-2.34	9.19	-1.30	-7.18	0.95																			
21	7.74	2.11	0.89	8.91	0.73	-2.34	9.39	-1.80	-7.58	0.55																			
22	7.64	1.06	0.89	8.70	0.43	-2.34	9.89	-2.30	-8.18	0.54																			
23	7.64	-0.34	1.79	8.41	-0.07	-2.35	10.29	-2.80	-8.58	0.04																			
24	7.64	-0.44	2.09	8.20	-0.17	-2.35	10.88	-2.80	-8.58	0.04																			
25	7.64	-1.24	3.08	8.00	-0.57	-2.35	11.17	-3.01	-8.58	0.04																			
26	7.84	-2.34	3.88	7.90	-1.17	-1.95	11.19	-3.31	-8.28	0.04																			
27	8.24	-2.64	3.88	7.70	-2.17	-1.75	11.60	-3.81	-8.09	0.24																			
28	8.75	-3.95	4.08	7.50	-2.58	-1.65	12.48	-3.71	-8.09	0.33																			
29	9.35	-5.05	4.38	7.30	-2.78	-1.66	12.80	-3.61	-8.09	0.43																			
30	9.96	-6.05	5.27	7.19	-2.88	-1.66	13.60	-3.61	-7.79	0.53																			
31	10.86	-6.26	5.27	6.99	-3.08	-1.36	14.90	-3.72	-7.09	1.53																			
32	11.76	-7.86	5.27	6.49	-3.18	-1.26	15.54	-3.42	-6.49	3.34																			
33	12.66	-8.67	5.47	6.19	-3.19	-1.06	16.77	-2.92	-5.70	4.73																			
34	13.45	-10.06	5.88	5.69	-3.19	-0.96	16.97	-2.82	-5.30	4.93																			
35	13.95	-10.68	6.77	5.49	-2.99	-0.67	17.17	-2.82	-4.60	5.52																			
36	14.56	-11.86	7.07	5.28	-2.99	-0.27	17.35	-2.82	-3.70	5.72																			
37	15.34	-12.07	7.47	4.68	-3.29	0.03	17.34	-2.83	-3.03	6.03																			
38	15.69	-12.66	7.87	4.48	-3.29	0.43	17.13	-2.53	-2.80	6.53																			
39	16.84	-12.79	8.17	4.08	-2.79	0.63	16.83	-2.53	-2.11	7.33																			
40	17.24	-10.68	8.68	4.08	-2.79	1.23	16.53	-2.13	-1.21	7.93																			
41	17.54	-14.10	9.48	3.68	-2.60	1.43	16.22	-1.83	1.09	8.84																			
42	17.96	-15.09	10.18	3.28	-2.60	1.82	15.81	-1.53	1.79	9.73																			
43	18.51	-15.69	11.08	3.07	-2.30	2.22	15.18	-1.23	2.79	10.33																			
44	18.51	-16.31	11.86	2.67	-1.70	2.72	14.08	-0.94	3.69	10.94																			
45	18.51	-17.10	12.18	2.27	-1.40	3.02	13.01	-0.64	3.89	11.71																			
46	18.49	-17.69	12.88	1.67	-2.21	3.22	11.60	-0.44	4.09	11.73																			
47	18.28	-18.07	13.46	1.27	-2.61	3.62	11.60	-0.24	4.39	12.42																			
48	17.99	-18.10	13.74	0.57	-2.61	3.71	10.59	0.06	4.98	12.82																			
49	17.79	-18.51	13.54	-0.03	-2.81	3.71	9.22	0.34	5.28	13.12																			
50	17.68	-19.10	13.52	-0.33	-3.31	3.71	8.51	-0.65	5.28	13.46																			

RECORD-S-211
DATE AND TIME=1968-04-01-09-42

COMPONENT=N-S
SAMPLING INTERVAL= 0.040(SEC)

SIGNAL=BR.ACC.
CORRECTION=ZERO.ARC
FORMAT NO.=301

STATION=KOCHI-S
TOTAL NUMBER OF DATA= 8950

NO.	(4500)	(4550)	(4600)	(4650)	(4700)	(4750)	(4800)	(4850)	(4900)	(4950)
1	14.64	-4.78	-0.76	12.84	-6.41	3.61	-2.47	2.45	-5.53	7.10
2	15.30	-6.09	1.65	12.43	-8.11	3.41	-2.87	2.25	-5.53	7.10
3	15.41	-8.39	3.44	11.62	-7.81	3.30	-2.87	1.65	-5.13	7.10
4	15.61	-9.39	4.35	10.73	-7.22	3.20	-2.87	1.45	-4.83	7.19
5	15.90	-10.20	5.45	9.93	-7.02	3.10	-2.78	0.65	-4.53	7.20
6	16.15	-10.91	6.54	9.05	-6.92	3.00	-2.68	0.44	-4.23	7.60
7	16.89	-12.42	6.73	8.63	-6.42	3.00	-2.38	0.04	-4.03	7.90
8	16.98	-13.61	6.74	7.73	-5.92	2.80	-2.18	-0.26	-3.74	8.29
9	16.98	-14.52	7.34	6.74	-5.63	2.60	-2.08	-0.56	-3.64	8.59
10	16.98	-15.02	7.75	5.93	-5.23	2.49	-1.78	-1.16	-3.64	8.59
11	16.97	-15.81	8.76	4.75	-4.93	2.19	-0.68	-1.56	-3.64	8.70
12	16.88	-16.21	10.15	4.44	-4.43	1.99	0.11	-1.66	-3.54	9.19
13	16.88	-16.62	10.85	3.74	-3.93	1.79	0.41	-2.07	-3.34	9.58
14	16.88	-17.02	11.56	2.94	-3.33	1.49	0.41	-2.07	-3.34	9.58
15	16.88	-17.40	12.56	2.54	-2.64	1.19	1.51	-1.77	-2.95	9.79
16	16.87	-17.40	13.48	1.64	-1.74	0.98	2.11	-1.67	-1.45	10.18
17	16.76	-17.41	14.70	1.04	-1.04	0.88	3.21	-1.27	-0.75	10.19
18	16.56	-17.41	15.96	0.24	-0.14	0.68	3.61	-1.17	-0.35	10.79
19	16.35	-17.41	16.51	-0.66	0.96	0.48	3.81	-0.97	0.25	11.19
20	16.15	-17.41	16.52	-1.37	0.66	0.48	4.10	-0.68	0.65	11.58
21	15.52	-17.41	16.62	-2.27	2.47	0.38	4.30	-0.38	1.05	11.76
22	14.85	-17.41	16.77	-3.07	4.46	0.02	4.40	0.02	1.84	11.64
23	14.62	-17.41	17.59	-3.47	4.96	-0.12	4.40	0.32	1.94	11.05
24	13.91	-17.42	18.57	-4.37	5.16	-0.33	4.50	0.42	2.24	10.85
25	13.01	-17.42	19.25	-5.17	5.86	-0.53	4.59	0.22	2.54	10.25
26	11.93	-17.42	19.75	-6.08	6.25	-0.73	4.40	0.12	2.84	9.84
27	11.35	-17.42	20.20	-7.08	6.56	-0.93	4.79	-0.19	3.14	9.24
28	11.13	-17.42	20.25	-7.78	7.05	-1.13	4.99	-0.79	3.43	8.64
29	10.53	-17.42	20.71	-8.79	7.45	-1.33	4.99	-1.19	3.43	7.95
30	9.74	-17.32	20.84	-9.59	7.75	-1.14	4.99	-1.59	3.43	7.55
31	9.25	-17.20	21.24	-10.38	8.03	-1.14	4.98	-1.89	3.83	7.54
32	8.84	-16.62	21.65	-10.39	7.73	-1.14	4.88	-2.89	3.93	7.24
33	8.54	-15.90	22.09	-11.09	7.13	-1.24	4.68	-3.60	4.13	7.24
34	8.24	-15.21	22.09	-11.09	6.53	-1.24	4.68	-3.60	4.23	6.55
35	7.83	-14.51	22.06	-11.39	6.53	-1.24	4.68	-4.10	4.23	6.54
36	7.44	-13.61	21.85	-11.70	6.03	-1.25	4.68	-4.42	4.42	6.44
37	6.83	-12.83	21.57	-12.09	5.82	-1.25	5.08	-4.20	4.52	6.24
38	6.51	-12.52	21.48	-12.10	5.82	-1.25	5.28	-4.40	4.82	6.04
39	6.51	-11.84	21.42	-12.10	5.12	-1.25	5.57	-5.20	5.02	5.94
40	6.53	-11.51	21.90	-12.09	5.12	-1.25	5.87	-5.61	5.12	5.74
41	6.53	-9.82	20.16	-11.79	5.02	-1.26	6.07	-5.71	5.41	5.64
42	5.93	-8.24	19.10	-11.50	4.82	-1.26	6.07	-5.71	5.42	5.33
43	5.12	-7.14	18.29	-11.20	4.52	-1.26	6.27	-5.61	5.81	5.33
44	4.75	-6.65	17.30	-10.90	4.22	-1.56	6.27	-5.61	5.81	5.03
45	4.07	-6.35	16.43	-10.60	4.22	-1.56	6.27	-5.61	6.01	4.83
46	-0.07	-6.35	15.84	-10.60	4.22	-1.56	5.86	-5.41	6.11	4.53
47	-1.37	-6.35	15.31	-10.60	4.01	-1.66	5.86	-5.22	6.21	4.12
48	-2.08	-4.55	15.31	-9.80	3.81	-1.76	5.46	-5.22	6.41	4.12
49	-3.08	-3.55	14.41	-9.80	3.81	-1.86	5.44	-5.32	6.60	3.72
50	-3.58	-2.46	13.43	-8.91	3.71	-1.87	5.44	-5.32	6.70	3.22
							3.45	-5.52	6.90	2.62

NO.	RECORD=S-211 DATE AND TIME=1968-04-01-09-42										COMPONENT=N-S										SIGNAL=GR.ACC.										CORRECTION=ZERO.ARC										STATION=KOCHT-S										TOTAL NUMBER OF DATA= 8950									
	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)										
1	2.22	-4.26	14.56	-7.41	0.41	8.14	-5.95	5.87	3.70	10.81																																																		
2	2.02	-3.86	14.56	-7.11	0.51	8.64	-6.15	5.46	4.00	10.50																																																		
3	1.61	-3.86	14.46	-6.82	0.91	9.04	-6.25	4.77	4.40	10.10																																																		
4	1.21	-3.76	14.46	-6.62	1.00	9.53	-6.75	4.37	4.90	9.61																																																		
5	0.61	-3.16	14.46	-6.12	1.40	9.77	-7.06	3.97	5.49	9.40																																																		
6	0.21	-2.57	14.46	-5.82	1.60	10.93	-7.46	3.66	5.70	9.10																																																		
7	0.01	-2.17	14.45	-5.42	1.60	11.13	-7.46	3.66	6.09	8.71																																																		
8	-0.29	-1.87	14.35	-5.02	1.60	11.34	-7.26	3.06	6.38	8.60																																																		
9	-0.79	-1.57	14.25	-4.53	1.60	11.74	-7.06	2.66	6.18	8.29																																																		
10	-1.19	-1.57	13.94	-4.13	1.49	12.13	-6.86	2.06	6.08	7.60																																																		
11	-1.60	-1.27	13.82	-3.82	1.39	12.41	-6.56	1.66	6.09	7.29																																																		
12	-1.80	-0.78	13.44	-3.93	1.39	12.41	-6.26	1.66	6.23	6.79																																																		
13	-2.40	-0.38	13.33	-3.63	1.39	12.40	-5.97	1.05	6.28	6.29																																																		
14	-2.80	0.28	13.02	-3.33	1.69	12.19	-5.87	0.65	6.58	5.89																																																		
15	-3.40	0.42	12.61	-2.84	1.29	11.80	-5.57	0.05	6.88	5.159																																																		
16	-3.80	0.72	12.02	-2.84	1.08	11.59	-5.37	-0.25	6.98	5.127																																																		
17	-3.91	1.02	11.53	-3.04	1.08	11.19	-4.97	-0.55	7.07	3.48																																																		
18	-4.31	1.62	11.22	-3.34	1.08	10.79	-4.67	-0.85	7.17	1.69																																																		
19	-4.71	1.81	10.80	-3.64	1.48	10.39	-4.48	-1.15	7.17	0.89																																																		
20	-6.11	2.02	10.00	-3.94	1.88	10.09	-4.28	-1.86	7.37	-0.81																																																		
21	-6.71	2.71	9.10	-4.05	1.78	9.38	-4.18	-1.76	7.47	-1.11																																																		
22	-7.32	3.41	8.12	-4.05	2.18	8.38	-4.28	-1.96	7.57	-2.01																																																		
23	-8.52	4.01	7.62	-4.05	2.37	7.79	-3.98	-2.06	7.77	-2.82																																																		
24	-9.52	4.01	7.32	-4.15	2.47	7.58	-3.58	-2.06	7.87	-3.72																																																		
25	-9.72	4.41	6.99	-4.25	2.47	7.17	-2.68	-2.06	8.06	-4.02																																																		
26	-9.82	4.91	5.21	-4.35	3.07	6.08	-1.99	-2.06	8.16	-4.52																																																		
27	-9.92	5.51	4.22	-4.45	3.77	5.58	-1.69	-2.07	8.36	-4.92																																																		
28	-10.13	6.01	3.91	-4.26	4.17	4.78	-1.29	-1.97	8.45	-6.42																																																		
29	-10.93	6.51	3.01	-4.26	4.17	3.88	-1.29	-2.07	8.46	-7.43																																																		
30	-11.13	7.21	1.01	-4.06	4.57	3.58	-0.89	-2.07	8.75	-8.33																																																		
31	-11.42	7.81	-0.38	-4.06	5.17	2.78	-0.39	-1.97	8.85	-9.23																																																		
32	-11.23	8.62	-0.98	-4.06	5.77	2.48	0.21	-1.97	8.85	-10.13																																																		
33	-11.03	9.39	-1.39	-4.06	6.16	1.98	0.80	-0.87	8.95	-10.43																																																		
34	-10.73	9.50	-1.79	-3.97	6.46	1.68	1.10	-0.78	8.95	-10.43																																																		
35	-10.53	9.75	-3.39	-3.77	6.86	1.38	1.40	-0.68	9.05	-10.44																																																		
36	-10.03	10.00	-3.99	-3.77	7.25	0.97	2.00	-0.68	9.14	-10.74																																																		
37	-9.63	10.42	-4.09	-3.47	7.25	0.57	3.00	-0.68	9.34	-10.74																																																		
38	-9.43	11.41	-4.59	-3.47	7.25	-0.23	3.59	-0.68	9.44	-10.94																																																		
39	-8.84	12.01	-5.40	-3.57	7.25	-0.63	3.49	-0.68	9.44	-11.14																																																		
40	-8.64	12.62	-5.90	-3.27	7.25	-1.03	3.59	-0.69	9.44	-11.24																																																		
41	-8.64	13.40	-6.20	-2.98	7.25	-1.43	3.79	-0.39	9.95	-11.24																																																		
42	-8.34	13.70	-6.60	-2.48	7.24	-1.83	4.19	-0.09	10.24	-11.24																																																		
43	-7.84	14.11	-7.00	-1.88	7.24	-2.64	4.49	0.41	10.44	-11.24																																																		
44	-7.34	14.57	-7.50	-1.78	7.24	-3.64	4.89	0.41	10.44	-11.24																																																		
45	-6.75	14.47	-7.81	-1.28	7.24	-4.04	5.29	1.31	10.54	-11.15																																																		
46	-6.25	14.37	-8.11	-1.08	7.24	-4.24	5.58	1.81	16.74	-10.95																																																		
47	-5.95	14.37	-8.01	-0.64	7.24	-4.24	5.69	2.10	11.23	-10.95																																																		
48	-5.45	14.37	-7.81	-0.19	7.24	-4.74	5.98	2.40	11.41	-10.75																																																		
49	-4.96	14.38	-7.81	0.01	7.54	-5.14	6.29	2.90	11.11	-10.76																																																		
50	-4.46	14.57	-7.71	0.41	7.84	-5.75	6.76	3.40	10.92	-10.76																																																		

RECORD=S-211
DATE AND TIME=1968-04-01-09-42

COMPONENT=N-S
SAMPLING INTERVAL=0.010(SEC)

SIGNAL=GR.ACC.
CORRECTION=ZERO.ARC
FORMAT NO.=301

STATION=KOGCHI-S
TOTAL NUMBER OF DATA= 8950

NO.	(5500)	(5600)	(5650)	(5700)	(5750)	(5800)	(5850)	(5900)	(5950)
1	-10.66	0.48	7.49	5.03	0.25	-7.62	7.79	-0.98	-2.56
2	-10.46	-0.32	-7.49	5.05	0.35	-7.23	7.69	-0.98	-1.96
3	-10.46	-0.72	-7.10	6.34	-0.15	-6.73	7.59	-0.98	-1.36
4	-10.46	-1.32	-6.86	7.02	0.75	-6.03	7.29	-0.99	-0.36
5	-10.46	-2.12	-6.80	7.02	-0.95	-5.43	7.29	-0.99	-0.27
6	-10.47	-3.12	-6.70	7.03	-1.46	-5.03	7.29	-0.99	-0.47
7	-10.47	-4.32	-6.70	7.22	-1.56	-4.33	7.29	-0.99	-0.27
8	-10.47	-5.02	-6.00	7.22	-1.76	-2.94	7.28	-0.99	0.44
9	-10.46	-4.33	-6.00	7.22	-2.36	-2.44	7.18	-1.19	1.64
10	-9.77	-4.33	-5.61	7.22	-2.56	-2.34	6.98	-1.30	2.63
11	-8.97	-4.33	-4.81	7.21	-2.56	-1.74	6.88	-1.60	3.33
12	-8.77	-4.33	-4.81	7.21	-2.56	-1.44	6.78	-2.00	3.33
13	-8.38	-4.13	-4.21	7.21	-2.67	-1.14	6.67	-2.20	4.03
14	-8.08	-3.43	-3.91	7.21	-2.97	-0.74	6.47	-2.40	4.42
15	-8.08	-3.04	-3.11	7.21	-3.07	-0.25	6.27	-2.70	4.42
16	-8.08	-2.89	-2.52	7.21	-3.17	0.25	6.27	-3.20	4.62
17	-7.98	-2.74	-1.92	7.41	-3.27	0.65	6.07	-3.41	4.72
18	-7.88	-2.24	-1.52	7.61	-3.47	0.25	5.87	-4.21	5.02
19	-7.78	-1.84	-1.52	8.01	-3.68	0.35	5.67	-4.41	5.11
20	-7.09	-1.34	-1.82	8.51	-3.68	0.75	5.56	-4.91	5.22
21	-6.79	-1.24	-1.92	8.51	-3.88	0.94	5.26	-5.21	5.61
22	-6.19	-1.24	-2.22	8.80	-4.38	1.24	5.06	-5.31	5.61
23	-5.19	-0.85	-2.22	8.80	-4.58	1.34	5.06	-6.12	5.62
24	-4.79	-0.45	-2.43	8.90	-4.98	1.44	5.06	-6.62	6.21
25	-4.60	0.55	-2.88	9.01	-4.99	2.14	4.85	-6.92	6.50
26	-4.60	0.95	-3.03	9.41	-5.29	2.24	4.45	-7.52	6.50
27	-4.40	0.94	-3.43	9.81	-5.49	2.64	4.05	-7.92	6.50
28	-4.20	0.94	-3.53	10.19	-6.29	3.04	3.75	-8.22	6.51
29	-3.80	0.64	-3.64	10.30	-7.39	3.54	3.45	-8.43	6.80
30	-2.70	-0.36	-3.64	10.60	-7.90	4.14	3.15	-8.93	7.00
31	-1.81	-0.66	-3.64	11.01	-8.80	4.63	2.55	-9.43	6.99
32	-1.11	-0.96	-3.34	11.51	-9.40	4.93	2.25	-9.43	6.69
33	-0.51	-1.16	-3.44	11.95	-9.70	5.13	2.24	-9.13	6.89
34	0.09	-1.77	-3.04	11.46	-10.10	5.53	1.83	-8.93	6.58
35	0.59	-1.97	-2.74	11.04	-9.70	6.23	0.24	-8.33	6.38
36	0.79	-2.17	-2.05	10.14	-9.70	6.23	0.04	-8.34	6.08
37	1.29	-2.57	-2.05	9.25	-9.81	6.62	-0.26	-8.34	5.88
38	1.69	-3.37	-2.05	8.45	-10.11	6.72	-0.66	-8.14	5.68
39	2.69	-4.57	-0.45	7.76	-10.21	6.72	-0.66	-8.14	5.67
40	3.28	-4.78	0.15	7.26	-10.21	6.83	-0.86	-8.14	5.28
41	3.68	-5.69	0.65	6.76	-10.51	7.53	-0.92	-8.04	5.18
42	4.18	-6.48	0.65	6.36	-10.51	8.02	-0.97	-7.94	5.08
43	4.48	-6.78	0.94	5.86	-10.21	8.42	-0.97	-7.85	5.07
44	4.98	-7.28	1.14	5.36	-9.81	8.61	-0.97	-7.75	4.98
45	5.18	-7.88	1.65	5.05	-9.62	8.81	-0.97	-7.55	5.07
46	5.37	-7.79	3.04	4.56	-9.52	9.00	-0.97	-7.55	5.18
47	5.57	-8.29	3.44	4.25	-9.22	8.88	-0.97	-7.35	5.47
48	5.87	-8.29	3.84	3.64	-9.02	8.30	-0.98	-5.25	5.48
49	6.18	-8.19	4.44	2.25	-8.62	8.28	-0.98	-4.36	6.08
50	6.78	-7.59	4.64	1.15	-8.32	7.80	-0.98	-2.46	6.47

RECORD=S-211
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-H
 SIGNAL=GR.ACC.
 SAMPLING INTERVAL= 0.010(SEC)
 CORRECTION=ZFRO.ARC
 FORMAT NO.=301
 STATION=KOCCHT-S
 TOTAL NUMBER OF DATA= 9100

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.00	-3.72	-6.03	1.73	-0.09	-1.31	-8.03	-2.06	-4.08	-4.70
2	-0.00	-4.33	-4.44	1.13	-0.09	-1.31	-8.03	-3.26	-4.58	-4.80
3	-0.00	-5.43	-4.04	0.23	-0.09	-1.71	-8.03	-3.26	-5.48	-4.79
4	-0.00	-5.92	-3.44	0.03	-0.09	-2.01	-8.03	-3.26	-5.78	-5.20
5	-0.00	-5.92	-3.04	0.03	-0.09	-2.31	-8.03	-3.26	-5.78	-5.20
6	-1.90	-5.12	-2.45	0.23	-0.09	-2.31	-8.04	-3.26	-5.77	-1.60
7	-2.71	-4.02	-1.85	0.63	-0.09	-2.31	-8.04	-3.15	-4.58	-1.60
8	-5.90	-4.03	-1.45	1.83	-0.09	-2.31	-8.04	-1.36	-3.58	1.00
9	-5.90	-4.03	-1.45	3.13	-0.09	-2.31	-8.03	-1.16	-2.38	2.30
10	-5.69	-4.03	-1.05	3.13	-0.09	-2.31	-7.94	-0.36	-1.58	2.20
11	-3.90	-3.93	-0.55	3.03	-0.09	-2.31	-7.83	-0.16	-0.58	2.30
12	-3.40	-3.73	-0.05	2.73	-0.09	-2.02	-7.12	3.24	-0.18	2.30
13	-2.60	-3.33	0.25	2.73	-0.79	-1.62	-5.92	3.74	0.12	2.20
14	-2.31	-2.53	0.65	1.83	-1.79	-1.22	-4.14	5.25	0.82	1.99
15	-2.11	-2.03	1.55	0.13	-2.09	-0.22	-3.73	6.85	1.52	1.09
16	-2.11	-1.83	2.05	-0.77	-2.10	-0.12	-2.14	7.44	1.22	0.19
17	-2.11	-1.43	2.25	-1.97	-2.10	-0.12	-1.74	7.44	0.32	-0.21
18	-1.91	-1.13	1.35	-3.48	-2.10	-0.12	-0.54	7.22	-0.18	-0.91
19	-1.61	-1.03	-0.05	-4.28	-2.10	-0.12	-0.14	5.83	-0.48	-2.61
20	-1.61	-0.43	-1.95	-4.68	-2.10	-0.12	-0.14	5.03	-3.59	-4.11
21	-1.91	-0.23	-4.46	-4.78	-2.10	0.18	1.26	3.63	-3.29	-5.62
22	-0.41	-0.13	-5.95	-5.98	-2.10	1.38	3.36	2.83	-6.10	-8.91
23	-0.41	-0.13	-5.54	-6.18	-2.20	1.78	4.76	1.63	-7.59	-7.31
24	-0.41	-0.13	-4.05	-6.38	-2.20	3.38	5.26	-0.16	-8.09	-7.41
25	-0.51	-0.13	-2.05	-6.37	-2.20	3.18	5.36	-0.67	-8.39	-7.40
26	-1.31	-0.13	-0.06	-5.98	-2.20	2.88	5.36	-1.87	-8.39	-6.80
27	-2.31	-0.13	1.04	-5.77	-2.20	2.28	5.24	-3.27	-8.38	-5.80
28	-2.51	-0.33	1.04	-5.38	-2.20	0.98	3.25	-3.87	-8.08	-4.91
29	-2.51	-0.33	0.94	-5.27	-2.20	-0.62	1.25	-4.37	-7.38	-4.21
30	-1.81	-0.63	0.54	-4.58	-2.20	-2.63	-0.15	-4.67	-6.39	-2.81
31	-1.61	-1.14	-0.06	-4.08	-2.20	-3.62	-1.85	-5.67	-5.98	-2.11
32	-0.01	-1.34	-0.06	-3.98	-2.20	-4.03	-3.65	-6.67	-5.19	-1.21
33	-0.01	-1.64	-1.26	-3.98	-2.20	-4.42	-4.05	-7.17	-4.39	-0.21
34	0.69	-1.94	-1.86	-3.98	-2.20	-4.43	-5.65	-7.17	-3.79	0.29
35	1.29	-2.34	-2.56	-3.98	-2.20	-4.43	-5.55	-6.86	-3.19	0.29
36	1.68	-2.44	-3.16	-3.98	-2.20	-4.43	-5.55	-6.36	-2.89	0.19
37	1.98	-2.44	-3.26	-3.98	-2.20	-4.43	-5.55	-5.17	-2.84	-0.21
38	1.98	-2.74	-3.36	-3.98	-2.20	-4.43	-5.14	-4.42	-2.79	-0.52
39	1.78	-3.74	-3.36	-3.98	-2.20	-4.03	-3.35	-3.67	-2.69	-1.52
40	0.68	-4.54	-3.36	-3.98	-2.51	-4.03	-2.35	-2.57	-2.89	-1.72
41	0.18	-5.75	-3.66	-3.98	-2.51	-4.03	-2.15	-1.97	-2.89	-1.72
42	-0.02	-6.75	-3.76	-3.98	-2.51	-4.03	-2.15	-1.97	-2.89	-1.72
43	-0.02	-7.84	-3.76	-3.98	-2.41	-4.03	-0.45	-0.47	-2.90	-1.62
44	-1.12	-7.94	-3.56	-2.39	-1.91	-4.03	-0.15	-0.47	-2.90	-0.22
45	-1.92	-7.94	-3.56	-2.19	-1.61	-4.03	-0.15	-0.47	-3.30	0.08
46	-2.22	-7.94	-2.56	-1.89	-1.21	-4.03	-0.15	-0.47	-3.50	1.88
47	-2.22	-7.74	-1.86	-0.69	-1.31	-4.84	-0.15	-0.68	-3.50	1.98
48	-2.32	-7.64	-0.06	-0.29	-1.31	-5.84	-0.15	-1.68	-3.70	1.88
49	-2.72	-7.44	0.23	-0.09	-1.21	-6.94	-0.35	-2.68	-4.01	1.98
50	-5.22	-7.03	1.23	-0.09	-1.51	-8.03	-0.65	-3.58	-4.10	0.18

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	-0.22	-1.74	9.23	-1.89	4.29	5.67	-3.85	-0.78	-5.39	0.58
2	-0.52	-1.24	9.24	-1.89	4.79	5.66	-3.85	-0.58	-4.40	-0.42
3	-0.92	-0.44	9.53	-1.89	4.79	4.96	-3.85	-0.38	-3.89	-0.42
4	-1.82	0.24	9.53	-1.99	4.79	3.77	-2.55	-0.48	-0.40	-0.52
5	-2.12	-0.24	9.53	-2.19	4.69	3.47	-2.16	-1.48	-0.40	-1.02
6	-2.12	-0.25	9.13	-2.29	4.79	2.86	-2.06	-2.28	-0.20	-1.72
7	-2.42	-0.55	8.83	-2.29	4.69	2.17	-2.06	-2.88	3.31	-1.82
8	-2.72	-2.15	8.53	-2.59	4.79	1.56	-1.06	-3.68	6.82	-0.82
9	-2.93	-4.05	8.53	-3.99	4.39	0.06	-0.36	-3.68	9.31	-0.42
10	-3.52	-7.95	8.43	-4.19	4.19	-1.94	0.64	-3.68	10.00	2.48
11	-3.42	-7.95	8.54	-4.49	4.09	-3.04	1.54	-3.68	10.00	3.48
12	-2.83	-8.35	9.44	-4.49	3.78	-4.24	3.55	-3.68	10.00	3.77
13	-2.83	-8.45	10.06	-3.29	3.38	-4.24	3.55	-3.68	10.00	3.77
14	-2.33	-8.23	11.44	-1.59	2.68	-6.24	4.94	-2.78	9.99	3.67
15	-2.33	-7.23	11.75	-0.29	2.08	-6.74	6.74	-2.28	9.48	3.77
16	-1.83	-5.35	12.35	0.41	2.08	-6.64	7.14	-0.48	8.58	3.17
17	-1.33	-4.75	13.04	1.11	2.08	-7.04	7.04	-0.38	7.48	1.77
18	-0.73	-4.25	13.38	1.11	0.18	-7.34	7.14	-0.38	5.48	1.63
19	-0.23	-3.85	12.04	0.80	-1.02	-7.04	7.14	-0.38	3.49	-3.83
20	0.07	-3.45	10.68	-0.10	-3.62	-7.04	7.14	-0.38	1.49	-5.74
21	0.67	-2.85	8.90	-0.30	-5.02	-7.53	6.74	-0.39	-0.41	-7.55
22	1.17	-2.35	7.60	-0.30	-6.22	-6.34	6.74	-0.39	-2.31	-9.13
23	1.37	-1.25	5.31	-0.60	-6.22	-6.34	6.74	-0.39	-4.31	-9.02
24	1.37	-0.85	3.32	-7.63	-6.22	-5.94	6.74	-0.39	-5.11	-8.41
25	1.37	-0.35	-0.28	-9.93	-6.21	-5.34	6.62	-0.39	-5.51	-7.02
26	1.37	-0.25	-2.58	-11.62	-4.82	-4.24	5.43	-0.39	-5.51	-6.43
27	1.37	-0.35	-5.39	-12.22	-4.11	-3.54	4.63	-0.39	-5.51	-5.83
28	1.37	-2.16	-8.20	-12.85	-1.92	-2.14	3.43	-1.09	-5.71	-5.03
29	1.07	-3.66	-9.58	-14.23	-1.32	-0.34	1.93	-2.09	-6.31	-4.43
30	0.77	-3.76	-9.58	-15.00	-0.32	-0.04	1.23	-3.09	-6.72	-3.83
31	0.17	-4.16	-9.58	-15.03	1.58	1.56	-0.37	-3.89	-7.52	-2.83
32	-0.23	-4.77	-9.58	-15.70	2.68	1.86	-0.37	-4.60	-8.12	-2.43
33	-2.04	-6.47	-9.58	-15.70	2.98	2.35	-1.87	-6.30	-8.93	-2.13
34	-3.54	-7.36	-9.58	-15.70	3.28	2.85	-2.27	-7.70	-10.21	-1.83
35	-4.14	-7.96	-9.58	-15.68	3.48	2.85	-2.87	-8.30	-10.21	-1.03
36	-6.15	-8.16	-9.47	-15.27	3.48	2.15	-2.97	-8.81	-10.17	-0.44
37	-7.74	-8.46	-8.98	-14.84	3.57	1.85	-2.97	-9.70	-8.37	-0.54
38	-8.14	-8.46	-8.67	-13.26	3.47	1.55	-2.77	-10.34	-5.41	-1.14
39	-8.44	-8.46	-8.76	-12.17	3.27	0.65	-2.57	-12.30	-4.21	-1.94
40	-8.44	-8.56	-5.98	-10.97	3.37	-2.25	-2.57	-12.49	-2.61	-2.34
41	-8.44	-8.55	-5.98	-9.78	3.37	-3.75	-2.57	-12.49	-2.11	-2.74
42	-8.44	-8.04	-5.77	-8.79	3.37	-4.25	-2.57	-12.49	-0.42	-3.14
43	-8.44	-6.25	-4.48	-7.59	3.37	-4.60	-2.57	-12.49	0.42	-3.94
44	-8.44	-4.65	-3.98	-6.09	3.37	-4.95	-2.57	-12.49	1.48	-4.74
45	-7.22	-1.46	-3.58	-3.61	3.37	-5.56	-2.57	-12.30	2.88	-5.74
46	-5.43	-0.76	-2.98	-3.01	3.37	-6.47	-2.57	-12.28	2.98	-6.34
47	-3.64	0.04	-2.58	-2.51	5.27	-8.06	-2.27	-11.73	2.98	-6.84
48	-2.64	2.34	-1.89	-1.31	5.57	-8.45	-2.07	-9.46	2.98	-6.43
49	-2.34	5.46	-1.89	-0.31	5.67	-8.42	-1.87	-7.48	2.08	-5.43
50	-2.04	8.55	-1.89	1.59	5.67	-6.43	-1.38	-5.99	1.38	-4.33

RECORD=S-211
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-H
 SIGNAL=GR.ACC.
 SAMPLING INTERVAL= 0.010(SEC)
 CORRECTION=ZFRO.ARC
 FORMAT NO.=301

STATION=KOCCHI-S
 TOTAL NUMBER OF DATA= 9000

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-2.54	7.94	2.74	-5.22	0.67	-0.55	16.31	-2.50	2.18	-5.35
2	-1.44	7.95	2.71	-6.81	1.37	-0.55	14.36	-4.30	1.88	-6.56
3	0.44	7.52	2.71	-7.21	2.47	-0.55	12.89	-4.50	1.28	-8.15
4	0.46	6.53	2.81	-7.21	2.87	-1.25	11.89	-4.60	0.68	-8.55
5	0.56	5.73	2.81	-7.11	3.37	-1.65	10.74	-4.40	0.38	-9.07
6	0.56	4.92	2.91	-6.71	2.87	-2.26	7.54	-3.80	-0.12	-10.35
7	0.66	3.23	1.31	-6.51	2.27	-3.06	1.02	-2.70	-0.42	-10.65
8	0.45	1.43	0.51	-6.41	1.57	-4.26	-0.58	-2.10	-0.72	-11.05
9	-2.15	-0.97	0.01	-6.01	0.87	-5.26	-2.58	-1.10	-2.12	-11.56
10	-3.15	-1.77	-0.49	-6.01	0.27	-5.66	-5.30	0.10	-3.53	-11.89
11	-4.15	-2.07	-0.59	-6.01	-0.33	-5.66	-8.14	2.70	-4.33	-13.39
12	-4.95	-2.27	-1.79	-6.01	-0.54	-5.66	-12.34	6.62	-4.92	-14.53
13	-5.86	-2.27	-3.19	-5.49	-0.54	-5.56	-14.38	9.20	-5.11	-14.22
14	-8.18	-2.27	-4.40	-1.61	-0.84	-6.16	-16.53	9.32	-3.32	-13.71
15	-10.43	-2.27	-5.20	-0.61	-2.24	-6.26	-17.33	10.52	-2.32	-12.73
16	-14.09	-0.87	-5.20	-0.51	-4.04	-6.26	-18.11	11.30	-1.23	-12.33
17	-14.95	-0.47	-5.69	1.39	-4.54	-5.96	-18.59	11.34	-0.63	-11.72
18	-14.95	-0.47	-5.59	2.58	-4.84	-5.86	-20.01	9.36	-0.63	-10.61
19	-14.95	-0.47	-5.69	2.78	-4.84	-5.56	-20.28	7.38	0.87	-8.83
20	-14.95	0.03	-4.69	2.88	-5.24	-4.95	-20.24	6.39	1.87	-7.44
21	-14.77	0.63	-4.40	2.48	-5.54	-3.76	-19.69	5.39	2.37	-6.34
22	-13.04	0.63	-4.40	1.98	-5.84	-2.66	-18.88	4.38	2.47	-4.95
23	-9.87	0.63	-4.40	0.78	-6.04	-2.36	-18.66	1.79	2.57	-4.55
24	-5.83	0.63	-4.30	0.48	-6.04	-1.56	-18.33	0.39	2.67	-4.05
25	-2.55	0.63	-4.00	-0.52	-6.04	-0.56	-17.63	-1.11	2.77	-2.85
26	-2.65	0.52	-4.00	-0.52	-6.04	0.44	-16.77	-2.51	1.97	-1.85
27	-2.25	-0.48	-4.10	-1.02	-6.84	0.44	-16.54	-5.02	1.57	-0.65
28	-2.25	-1.18	-4.20	-2.02	-6.64	1.64	-15.73	-7.63	1.27	0.25
29	-2.25	-3.18	-4.10	-2.42	-6.64	2.84	-14.71	-9.53	1.17	1.35
30	-2.25	-4.38	-4.00	-2.92	-5.54	3.64	-12.99	-10.55	0.67	1.65
31	-2.26	-6.19	-3.80	-3.12	-5.24	4.24	-10.37	-12.34	0.07	1.85
32	-2.26	-7.59	-3.50	-3.22	-5.14	4.74	-9.65	-13.36	-0.33	2.45
33	-2.26	-8.40	-2.90	-3.22	-5.04	5.74	-7.96	-14.48	-0.63	3.65
34	-2.26	-11.71	-2.30	-2.52	-4.94	6.64	-5.98	-13.77	-0.63	4.44
35	-2.26	-13.68	-1.50	-2.42	-4.65	7.34	-4.48	-12.64	-2.14	3.34
36	-2.26	-12.61	0.40	-1.32	-4.84	8.34	-3.09	-10.54	-3.34	1.94
37	-2.26	-13.39	4.51	-0.52	-4.65	8.83	-1.79	-7.68	-3.73	1.14
38	-1.46	-13.68	7.41	0.58	-4.45	9.04	-1.19	-5.01	-3.63	-0.16
39	-0.46	-13.68	8.41	1.77	-4.04	9.34	-0.49	-4.51	-3.23	-0.66
40	0.04	-13.63	9.00	1.37	-2.65	9.73	4.71	-4.11	-2.64	-0.96
41	0.64	-12.82	9.40	0.27	-2.25	9.94	5.61	-3.61	-2.14	-0.96
42	1.44	-10.38	9.70	-0.53	-2.45	10.45	6.40	-2.41	-1.64	-1.36
43	3.44	-6.15	9.69	-0.53	-3.05	11.36	5.30	-0.92	-1.24	-2.36
44	5.45	-2.48	9.46	-2.43	-3.85	12.54	4.40	-0.62	-1.44	-2.96
45	7.54	-1.48	7.57	-4.45	-4.45	12.96	3.31	-0.22	-1.94	-3.99
46	7.84	-0.68	5.58	-4.45	-4.45	13.99	3.00	1.08	-2.24	-12.48
47	7.84	-0.48	3.89	-4.05	-4.05	15.43	1.40	1.78	-2.54	-13.21
48	7.94	-0.48	2.49	-0.53	-2.95	17.37	-0.60	1.98	-2.74	-14.39
49	7.94	1.21	0.09	-0.53	-2.45	17.89	-0.60	2.48	-3.14	-15.04
50	7.94	2.41	-1.21	-0.03	-1.55	17.36	-1.10	2.48	-4.34	-14.66

RECORDS=211
DATE AND TIME=1968-04-01-09-42
COMPONENT=E-W
SAMPLING INTERVAL= 0.010(SEC)
CORRECTION=ZERO ARC
FORMAT NO.=301
STATION=KOCHT=S
TOTAL NUMBER OF DATA= 9000

NO.	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)
1	-14.55	3.71	-26.92	-2.93	-9.86	-36.81	5.31	-4.15	-17.66	46.21
2	-14.25	2.71	-28.91	-2.13	-10.14	-27.94	5.61	-12.38	-29.03	40.23
3	-13.93	1.71	-30.73	-0.93	-9.71	-22.76	6.01	-20.67	-28.22	35.48
4	-13.11	0.31	-32.48	-0.33	-7.73	-14.75	6.41	-27.85	-27.20	34.77
5	-11.60	-0.19	-32.05	-0.33	-6.14	-13.95	6.81	-33.23	-23.41	32.31
6	-9.30	0.11	-29.41	0.37	-4.75	-8.73	7.12	-40.79	-12.71	28.71
7	-5.65	0.61	-27.72	0.97	-4.15	-5.87	9.14	-45.49	-6.20	24.80
8	-3.86	1.01	-25.52	4.38	-4.06	-5.27	11.33	-48.70	-0.84	20.73
9	-1.67	0.31	-23.64	7.98	-4.66	-4.17	12.23	-50.82	3.87	15.45
10	-0.37	-1.19	-18.62	9.17	-5.46	-2.78	10.01	-49.88	9.10	10.17
11	3.04	-3.40	-17.36	9.59	-6.67	-2.28	13.33	-47.33	11.43	7.12
12	6.95	-6.02	-16.54	10.58	-8.66	-0.48	14.24	-43.60	14.03	5.73
13	8.84	-9.40	-15.37	11.09	-8.98	-2.28	15.16	-40.76	18.40	5.13
14	9.24	-10.02	-14.92	12.00	-10.27	-1.98	16.46	-36.89	22.93	4.83
15	9.66	-11.23	-12.47	13.22	-10.67	-1.38	17.60	-31.42	23.66	5.04
16	11.05	-12.65	-11.25	14.68	-11.03	-0.78	19.35	-28.82	24.74	5.84
17	11.96	-14.23	-8.80	17.28	-10.14	-0.28	22.42	-27.78	26.84	7.03
18	13.05	-15.11	-7.71	19.04	-9.35	0.62	24.40	-27.53	28.05	7.03
19	13.52	-17.46	-7.11	20.07	-8.75	1.62	25.20	-27.64	29.54	7.43
20	13.22	-18.44	-6.81	21.56	-7.96	2.22	26.08	-28.42	31.76	7.82
21	13.01	-19.12	-6.51	23.37	-7.97	2.72	27.81	-29.57	31.96	7.32
22	12.49	-19.31	-6.11	25.04	-8.68	3.62	31.78	-31.02	31.02	6.92
23	11.30	-18.32	-5.32	25.60	-9.71	4.62	35.29	-33.96	29.59	6.51
24	10.29	-17.23	-5.12	26.05	-12.28	5.54	36.35	-39.11	26.84	4.13
25	8.71	-16.21	-5.02	27.29	-12.98	8.60	37.14	-42.59	24.94	3.53
26	7.50	-14.71	-4.61	28.16	-13.61	7.60	37.99	-48.10	23.44	3.13
27	5.72	-12.83	-3.32	29.69	-17.20	6.50	39.49	-52.50	22.50	2.92
28	4.72	-11.08	-2.22	32.36	-19.52	5.41	40.75	-55.72	21.33	2.12
29	3.12	-10.46	-1.82	33.88	-22.59	5.42	42.20	-61.60	22.15	0.83
30	1.72	-8.66	-0.92	34.43	-24.97	7.02	43.98	-63.18	23.28	-0.27
31	0.92	-6.28	-0.72	35.22	-28.69	7.62	45.85	-66.47	25.18	-0.88
32	-0.08	-4.19	-0.52	36.21	-31.68	8.32	47.56	-68.33	26.31	-0.88
33	-0.98	-1.90	0.88	36.68	-36.29	8.71	48.85	-68.93	28.05	-0.88
34	-3.38	-0.70	3.19	35.98	-40.04	8.82	50.15	-68.93	29.41	1.02
35	-4.07	0.00	6.69	34.99	-42.98	9.01	52.05	-68.63	31.42	1.22
36	-3.07	1.60	8.49	33.17	-43.75	9.11	53.88	-68.24	33.57	1.62
37	-0.68	5.81	9.49	46.22	-46.22	9.31	55.27	-67.46	36.07	1.12
38	-0.08	7.19	10.29	25.11	-52.16	9.31	56.23	-66.86	37.56	0.32
39	3.02	6.29	10.69	21.94	-55.52	9.20	56.02	-65.03	40.07	-0.88
40	5.24	5.89	11.22	18.87	-57.45	8.79	54.89	-63.13	43.85	-2.78
41	8.03	5.27	13.00	14.06	-59.83	7.69	53.30	-61.24	47.60	-2.78
42	8.82	0.90	13.63	9.72	-62.10	6.40	50.72	-58.91	49.36	-4.80
43	8.93	-2.41	12.63	8.33	-63.50	5.60	45.75	-57.26	50.49	-8.41
44	9.62	-3.92	11.22	6.58	-64.56	5.01	39.30	-56.43	51.61	-10.50
45	9.61	-8.69	9.30	-0.75	-63.55	4.91	33.83	-55.51	52.51	-15.75
46	9.09	-14.06	5.66	-3.36	-58.53	4.91	27.39	-55.01	53.45	-19.09
47	7.70	-15.30	3.07	-6.67	-53.69	4.91	21.50	-54.49	54.47	-23.24
48	6.50	-17.27	1.67	-8.96	-50.16	5.10	15.03	-48.62	55.43	-27.43
49	5.21	-20.84	-0.73	-9.35	-45.92	4.91	9.84	-42.92	53.65	-31.64
50	4.31	-24.87	-2.43	-9.26	-41.68	5.11	3.27	-42.06	50.59	-35.71

RECORD=S-211
DATE AND TIME=1968-04-01-09-42
COMPONENT=E-W
SAMPLING INTERVAL= 0.10(SEC)
CORRECTION=ZERO ARC
FORMAT NO.=301
STATION=KOCHT-S
TOTAL NUMBER OF DATA= 9000

RECORD=S-211
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-W
 SIGNAL=GR.ACC.
 CORRECTION=ZERO.ARC
 FORMAT NO.=301
 STATION=KOCHT-S
 TOTAL NUMBER OF DATA= 9000

NO.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	-38.76	-17.04	2.06	13.14	25.77	-57.74	35.10	1.66	-26.57	27.29
2	-40.80	-20.79	-15.95	12.84	24.07	-50.46	40.85	0.86	-25.98	31.86
3	-43.04	-22.83	-28.85	12.55	22.85	-53.48	48.22	-0.54	-25.46	36.53
4	-44.06	-24.84	-42.21	12.55	22.13	-54.79	54.93	-1.74	-25.46	39.48
5	-43.48	-26.47	-50.34	12.54	21.32	-56.60	61.68	-6.57	-25.48	43.22
6	-42.15	-26.89	-54.00	12.25	21.05	-56.89	67.11	-9.41	-25.61	48.74
7	-40.20	-27.21	-57.67	12.24	19.29	-57.68	72.91	-13.01	-25.99	51.52
8	-38.26	-25.61	-64.10	12.13	18.82	-57.89	77.53	-14.88	-26.86	53.31
9	-36.60	-18.69	-74.57	11.75	18.82	-58.30	81.17	-18.09	-27.71	54.65
10	-35.62	-15.74	-85.68	11.75	18.89	-59.74	82.23	-22.83	-29.52	55.01
11	-34.38	-10.72	-89.47	11.77	19.79	-70.77	82.68	-23.61	-29.77	55.01
12	-32.87	-3.31	-92.27	12.55	20.52	-71.70	82.88	-24.19	-29.45	54.95
13	-32.79	-0.91	-95.50	12.65	20.52	-71.70	81.24	-24.57	-27.88	53.68
14	-30.12	3.00	-94.54	12.94	20.52	-71.70	77.93	-24.77	-26.68	50.97
15	-34.34	11.15	-96.62	12.84	20.52	-71.46	74.25	-24.99	-24.79	48.08
16	-35.49	18.16	-96.74	12.85	20.52	-68.96	70.80	-25.30	-22.78	45.14
17	-38.17	33.66	-96.34	12.95	20.52	-66.55	69.67	-25.75	-21.26	41.91
18	-40.93	37.79	-95.04	13.05	20.52	-64.96	67.09	-26.56	-21.17	38.58
19	-43.95	44.37	-90.70	13.35	20.53	-63.85	64.33	-27.95	-21.17	35.59
20	-47.01	53.02	-87.44	13.67	20.62	-60.64	60.82	-29.24	-21.21	37.61
21	-50.15	62.65	-84.55	14.47	20.64	-58.92	56.62	-30.59	-21.64	36.51
22	-52.25	66.03	-81.82	15.17	20.82	-56.62	54.82	-30.81	-22.44	35.51
23	-54.85	66.95	-79.57	15.90	20.82	-54.08	53.45	-31.07	-23.80	35.48
24	-57.78	75.52	-76.79	17.05	20.85	-50.84	51.70	-31.15	-25.04	35.43
25	-61.30	78.43	-72.63	18.75	21.12	-47.11	50.04	-31.15	-27.01	35.35
26	-62.58	80.89	-70.38	18.85	21.12	-44.75	48.35	-31.15	-28.71	33.24
27	-61.25	84.41	-69.40	18.92	21.14	-44.24	46.24	-31.15	-31.17	33.24
28	-58.97	86.67	-67.96	18.62	21.42	-43.72	44.03	-31.15	-33.21	20.81
29	-55.06	88.59	-58.97	18.43	21.24	-43.03	42.51	-31.15	-35.77	15.80
30	-49.60	89.26	-54.67	18.38	19.56	-42.38	40.91	-31.11	-39.01	13.76
31	-43.31	90.34	-52.20	19.00	18.77	-41.64	38.61	-30.93	-42.29	10.24
32	-34.40	90.91	-46.47	19.82	16.86	-40.83	36.52	-30.87	-43.69	7.28
33	-20.85	91.13	-40.30	20.83	14.34	-40.23	34.00	-30.95	-43.58	5.10
34	-10.70	91.26	-35.75	21.94	12.68	-39.44	31.54	-30.99	-43.58	5.10
35	-2.89	91.05	-28.43	23.79	8.96	-38.25	29.25	-31.15	-43.58	5.10
36	2.82	90.83	-24.88	24.40	5.98	-36.22	25.97	-31.15	-43.58	5.00
37	13.39	87.86	-17.55	25.85	2.01	-34.04	25.18	-31.15	-43.58	5.11
38	23.09	86.04	-11.85	28.17	0.01	-31.46	23.68	-31.16	-43.58	6.36
39	23.95	85.32	-8.84	30.84	-5.47	-28.98	21.45	-31.16	-41.21	7.64
40	25.29	83.24	-2.94	33.02	-11.10	-26.27	20.17	-31.16	-34.31	10.92
41	26.94	80.55	-0.95	33.75	-19.25	-21.46	18.08	-31.16	-25.50	11.85
42	25.87	78.22	0.95	34.13	-26.70	-16.17	16.84	-31.16	-20.54	16.89
43	24.08	75.38	4.97	34.03	-33.09	-11.86	14.84	-31.10	-18.82	21.71
44	20.78	71.05	8.97	33.61	-37.24	-6.96	12.31	-30.82	-15.50	24.61
45	16.40	61.63	9.87	35.11	-41.79	1.41	10.72	-30.54	-11.79	25.94
46	11.16	49.62	10.66	32.68	-45.03	2.70	8.95	-29.96	-2.47	29.27
47	-0.30	38.19	11.08	32.42	-48.29	9.98	7.94	-29.45	2.63	29.82
48	-3.61	28.88	11.08	31.81	-50.72	14.63	6.14	-28.87	10.62	30.86
49	-6.87	18.34	12.96	30.43	-52.48	22.54	3.96	-28.32	15.11	31.30
50	-13.05	8.95	13.15	27.70	-54.15	28.07	2.86	-27.50	21.39	32.25

RECORD=S-211
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-H
 SIGNAL=GR.ACC.
 CORRECTION=ZFR0.ARC
 STATION=KOCYCH-S
 TOTAL NUMBER OF DATA= 9000

NO.	(2500)	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)
1	32.79	-55.96	22.98	-19.19	-46.33	49.91	-20.06	-25.73	34.32	-27.99
2	32.79	-55.43	24.87	-23.24	-48.45	46.98	-20.29	-25.25	32.89	-27.90
3	32.79	-55.10	25.95	-26.52	-48.74	43.71	-20.94	-22.54	29.83	-27.82
4	32.79	-54.09	28.26	-29.44	-48.40	39.88	-22.07	-16.74	28.55	-27.28
5	32.70	-52.36	31.60	-31.50	-48.45	38.48	-23.36	-17.94	27.95	-26.52
6	32.24	-50.13	35.28	-33.19	-49.65	36.42	-24.33	-17.63	26.48	-25.09
7	31.52	-48.04	37.34	-33.57	-51.26	33.89	-25.01	-17.16	25.58	-25.69
8	30.69	-46.09	39.17	-33.57	-53.02	31.45	-25.65	-17.09	24.53	-24.86
9	29.70	-44.12	40.65	-33.46	-54.53	28.59	-27.00	-15.81	23.16	-23.82
10	28.87	-42.22	42.60	-32.91	-54.90	25.87	-27.42	-11.20	21.63	-23.06
11	28.65	-39.53	44.45	-32.13	-54.90	23.07	-27.99	-9.02	20.53	-21.89
12	27.65	-35.87	45.63	-30.58	-54.90	20.37	-29.03	-6.64	19.45	-21.67
13	25.66	-31.47	46.76	-27.52	-53.49	17.01	-30.34	-4.36	16.21	-21.27
14	23.92	-26.97	48.03	-25.78	-49.69	14.30	-30.34	-2.46	11.05	-20.85
15	21.01	-23.49	49.05	-23.18	-45.02	12.39	-30.13	-1.27	8.65	-20.27
16	18.12	-19.97	49.87	-21.47	-42.04	9.79	-29.06	-0.57	5.11	-19.78
17	15.78	-18.21	50.56	-19.42	-41.10	5.56	-28.04	0.43	4.11	-19.40
18	13.81	-17.83	50.96	-17.47	-39.70	2.37	-26.94	2.44	2.91	-19.17
19	11.81	-17.74	51.14	-15.84	-37.93	-1.22	-26.10	4.44	1.91	-18.69
20	9.11	-17.74	51.20	-15.17	-36.96	-1.66	-24.28	6.44	-0.69	-18.41
21	4.87	-17.84	51.41	-14.98	-25.56	-3.78	-21.54	7.15	-1.59	-18.41
22	0.89	-17.96	51.60	-14.88	-15.42	-5.93	-19.37	8.69	-2.79	-18.41
23	-2.02	-19.74	51.64	-14.85	-10.04	-6.73	-16.16	12.39	-3.09	-18.46
24	-5.85	-21.03	51.53	-14.18	-2.60	-7.66	-14.58	14.28	-3.49	-19.09
25	-11.16	-22.95	50.20	-14.18	1.50	-10.55	-13.09	15.64	-3.69	-20.25
26	-16.72	-23.91	47.73	-14.18	4.72	-11.76	-11.34	19.56	-3.89	-20.25
27	-21.79	-24.52	44.94	-14.17	9.60	-12.98	-7.45	21.16	-3.89	-23.04
28	-25.79	-25.07	42.47	-13.95	15.02	-14.55	-7.24	22.49	-3.89	-23.22
29	-30.88	-25.21	40.74	-13.18	19.59	-15.22	-6.44	23.06	-3.89	-23.22
30	-36.38	-24.96	39.12	-13.07	21.05	-17.02	-5.05	23.48	-3.89	-23.22
31	-41.76	-24.26	37.11	-12.68	24.78	-18.36	-4.35	24.69	-3.90	-23.16
32	-46.40	-22.96	35.18	-12.49	27.30	-18.73	-4.36	25.17	-4.00	-22.67
33	-48.63	-22.11	32.67	-12.52	31.47	-18.77	-6.78	25.50	-4.60	-22.21
34	-49.86	-19.99	30.83	-13.54	35.69	-19.39	-9.23	25.98	-5.00	-21.25
35	-50.86	-18.21	28.06	-14.93	38.36	-21.28	-13.28	26.38	-5.80	-20.56
36	-51.79	-16.45	23.82	-15.86	41.81	-21.73	-16.51	26.83	-6.81	-19.90
37	-53.44	-14.85	20.48	-17.15	44.99	-21.73	-17.44	27.52	-7.61	-19.71
38	-55.00	-12.79	16.63	-18.16	48.55	-21.73	-18.88	28.12	-8.92	-19.60
39	-57.09	-8.49	13.38	-19.21	51.00	-21.73	-20.36	28.76	-10.24	-19.32
40	-58.48	-4.74	11.94	-20.71	53.31	-21.73	-20.46	29.74	-12.06	-19.32
41	-58.80	-3.14	8.81	-22.23	54.62	-21.73	-20.55	31.37	-14.11	-19.32
42	-58.82	-1.15	7.19	-25.71	55.96	-21.73	-21.65	32.48	-16.64	-19.32
43	-58.82	0.35	3.82	-30.25	57.07	-21.73	-22.69	33.02	-18.97	-19.32
44	-58.82	2.56	0.83	-34.71	57.50	-21.73	-24.83	33.23	-21.19	-19.32
45	-58.82	6.56	-1.87	-38.99	57.59	-21.66	-26.80	33.99	-23.07	-19.32
46	-58.82	7.59	-4.68	-40.59	57.45	-20.87	-27.69	34.22	-23.77	-19.23
47	-57.77	10.50	-7.90	-41.59	57.25	-20.21	-28.36	34.24	-25.22	-19.34
48	-57.21	12.62	-10.53	-41.93	56.37	-19.95	-28.41	34.32	-26.72	-19.52
49	-56.96	14.65	-13.17	-42.73	54.59	-20.03	-28.66	34.34	-27.48	-19.50
50	-56.45	19.06	-16.04	-43.92	51.67	-19.95	-28.17	34.44	-27.92	-19.16

NO.	CORRECTION=ZFFRO.ARC STATION=KOCHI-S TOTAL NUMBER OF DATA= 9000									
	(3000)	(3050)	(3100)	(3150)	(3200)	(3250)	(3300)	(3350)	(3400)	(3450)
1	-18.21	20.36	6.74	23.44	-14.55	6.05	14.06	1.83	10.14	-5.00
2	-16.64	19.73	5.92	25.64	-13.75	6.05	13.32	2.13	9.11	-4.10
3	-15.80	18.87	2.44	27.37	-12.91	6.04	11.62	2.53	6.55	-3.70
4	-14.65	18.36	0.74	28.64	-10.95	4.95	9.46	2.52	5.14	-2.90
5	-13.04	17.64	-1.46	29.94	-9.57	4.15	8.26	3.42	2.75	-1.91
6	-13.13	16.69	-3.17	30.33	-8.78	3.55	6.28	3.82	0.56	-1.01
7	-13.16	16.48	-6.18	31.00	-8.58	2.75	5.57	4.52	-1.44	-0.71
8	-13.84	16.17	-8.43	31.07	-7.79	1.74	4.28	5.32	-2.75	0.79
9	-13.84	15.55	-13.21	31.07	-7.38	0.54	2.98	5.92	-4.56	1.69
10	-14.04	14.67	-14.41	31.07	-6.79	-0.46	1.88	6.12	-7.06	2.39
11	-14.04	13.96	-15.47	30.95	-6.59	-1.66	0.48	6.62	-8.79	3.69
12	-14.04	13.17	-17.69	30.37	-5.69	-5.38	-0.42	6.92	-11.59	4.39
13	-14.03	12.35	-22.58	29.76	-5.19	-8.80	-1.22	7.41	-13.20	5.79
14	-13.72	10.97	-25.52	28.76	-4.59	-10.99	-1.73	7.41	-13.20	5.88
15	-13.12	9.97	-28.19	28.13	-3.80	-12.20	-3.23	7.41	-16.21	5.88
16	-12.54	8.99	-31.04	27.30	-4.43	-13.39	-4.43	7.40	-17.17	5.88
17	-12.31	8.89	-32.36	26.17	-1.80	-14.01	-5.43	6.60	-17.48	5.88
18	-11.29	8.89	-33.86	24.27	-0.90	-15.20	-5.63	6.40	-17.88	5.88
19	-9.28	8.89	-35.95	22.84	0.30	-15.94	-5.63	6.30	-19.59	5.88
20	-5.84	8.89	-37.69	21.72	3.30	-17.22	-5.63	6.20	-19.96	5.88
21	-4.35	8.88	-38.46	20.37	6.21	-17.97	-4.93	6.10	-19.96	5.87
22	-3.75	8.88	-39.18	19.29	7.60	-17.95	-4.33	6.11	-19.94	5.87
23	-3.03	8.58	-39.38	17.32	8.32	-17.55	-3.64	6.70	-19.65	5.87
24	-1.36	8.48	-39.38	15.34	10.13	-17.19	-3.54	7.11	-19.44	5.97
25	-0.06	8.48	-39.00	13.09	11.71	-15.92	-3.04	8.10	-19.12	5.97
26	0.54	8.38	-38.03	11.39	12.39	-14.82	-2.84	8.31	-19.12	5.97
27	3.55	8.17	-37.45	9.22	15.38	-13.67	-1.84	9.20	-17.94	5.97
28	6.35	7.67	-36.77	7.42	17.15	-13.56	-1.74	9.61	-17.54	5.97
29	8.04	7.17	-36.18	5.43	18.18	-13.17	-1.04	10.31	-17.03	6.38
30	8.07	6.57	-35.16	2.94	18.18	-12.76	-0.35	10.92	-16.34	7.99
31	10.25	6.47	-34.10	0.44	18.18	-12.07	0.05	12.12	-15.75	9.67
32	10.94	6.47	-32.58	-1.56	18.09	-11.46	0.05	12.93	-15.22	10.17
33	11.17	6.37	-31.33	-3.26	16.88	-10.37	0.05	14.17	-14.03	10.36
34	12.60	6.37	-30.52	-4.27	15.22	-9.87	0.05	15.98	-12.85	10.48
35	14.62	6.47	-29.67	-7.28	12.29	-9.03	-0.35	17.52	-11.86	11.18
36	16.65	7.27	-28.75	-9.32	9.74	-8.58	-1.75	18.13	-11.21	11.99
37	18.53	7.77	-26.62	-12.33	8.15	-4.09	-2.86	18.77	-10.57	13.14
38	18.54	8.27	-23.58	-14.32	6.36	-3.49	-3.66	19.79	-9.87	15.23
39	18.79	8.88	-20.77	-15.57	5.87	-1.69	-4.46	19.90	-9.07	16.62
40	19.68	9.67	-16.33	-17.51	4.77	0.01	-5.06	20.09	-8.28	17.57
41	20.41	10.27	-13.35	-18.18	4.37	0.61	-5.16	20.18	-7.89	17.94
42	21.33	10.66	-10.27	-18.27	4.27	6.02	-5.15	20.18	-7.29	17.85
43	21.64	10.87	-6.47	-18.26	4.27	8.21	-3.76	20.10	-7.09	17.75
44	21.84	11.26	-2.51	-18.17	4.27	9.01	-3.26	20.10	-6.59	16.41
45	22.02	11.35	0.39	-18.13	4.77	9.61	-2.76	18.13	-6.19	15.74
46	22.02	11.34	2.80	-17.55	5.46	10.22	-2.27	17.49	-5.79	15.97
47	21.98	10.94	10.41	-17.14	5.86	11.22	-1.77	16.60	-5.80	12.39
48	21.66	10.32	11.33	-16.53	6.06	12.26	-1.47	15.11	-5.80	11.01
49	21.19	9.14	16.68	-15.66	6.06	14.09	-0.07	13.86	-5.80	10.00
50	20.95	8.52	21.38	-15.34	6.06	14.09	1.13	11.52	-5.79	8.42

RECORD=S-211
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-H
 SIGNAL=GR.ACC.
 CORRECTION=ZERO.ARC
 STATION=KOCHI-S
 TOTAL NUMBER OF DATA= 9000

NO.	(3500)	(3550)	(3600)	(3650)	(3700)	(3750)	(3800)	(3850)	(3900)	(3950)
1	7.62	-13.73	17.20	-4.06	-8.12	15.30	-4.05	-3.41	8.89	-12.44
2	6.43	-18.72	16.95	-4.26	-8.12	14.87	-4.05	-2.41	7.12	-12.64
3	5.93	-13.43	16.06	-4.46	-8.92	14.10	-4.05	-1.81	6.51	-12.64
4	5.92	-13.32	15.25	-4.46	-8.92	13.71	-3.90	-0.51	5.42	-12.54
5	4.03	-13.02	14.25	-4.36	-9.63	13.59	-3.75	0.18	4.82	-12.54
6	2.73	-12.73	13.06	-4.26	-9.83	13.07	-3.55	0.98	4.12	-12.11
7	2.13	-12.52	12.09	-4.06	-9.92	12.08	-3.35	1.66	3.52	-11.03
8	2.13	-12.12	11.80	-3.87	-9.92	11.30	-2.86	3.19	3.41	-10.54
9	2.13	-11.40	11.70	-3.87	-9.73	11.07	-2.36	5.09	2.71	-10.03
10	1.72	-10.12	11.70	-3.67	-9.53	9.90	-2.36	6.69	1.51	-9.13
11	1.52	-9.22	11.70	-3.57	-9.23	8.69	-2.36	7.48	1.11	-7.54
12	1.32	-7.93	11.70	-3.17	-8.92	8.88	-2.36	7.90	0.51	-6.24
13	1.32	-7.13	11.79	-2.77	-8.12	7.89	-2.66	9.51	-0.49	-5.05
14	-0.18	-5.94	11.79	-2.57	-6.83	7.08	-2.96	11.11	-0.59	-4.25
15	-1.58	-4.54	11.79	-2.47	-5.83	5.69	-3.46	12.34	-1.09	-3.65
16	-1.98	-3.55	11.80	-2.87	-5.23	5.09	-3.77	14.17	-1.29	-2.76
17	-2.69	-3.05	11.99	-3.28	-4.24	3.89	-3.87	16.25	-1.89	-2.56
18	-3.89	-2.55	12.11	-3.78	-3.34	2.69	-4.07	17.52	-2.20	-1.96
19	-4.29	-2.05	12.69	-3.88	-2.24	1.69	-4.27	18.32	-2.50	-0.76
20	-4.39	-1.55	12.68	-4.08	-0.94	0.89	-4.37	18.98	-2.50	1.44
21	-4.49	-0.15	12.68	-4.08	-0.34	-0.11	-4.57	19.19	-2.50	3.34
22	-4.49	0.65	12.68	-4.38	1.35	-0.51	-4.77	19.57	-4.20	3.54
23	-4.49	1.64	12.67	-5.19	2.05	-1.31	-5.08	20.66	-4.20	3.53
24	-4.49	1.84	12.27	-5.79	3.46	-2.31	-5.38	20.56	-5.81	3.33
25	-4.49	3.45	11.94	-5.99	5.05	-2.31	-5.38	20.56	-6.21	3.23
26	-4.50	4.75	10.86	-6.09	5.67	-2.42	-5.38	20.56	-6.61	2.83
27	-5.00	5.54	10.17	-6.90	7.67	-3.02	-5.38	20.49	-7.11	2.03
28	-5.50	6.05	9.97	-7.89	9.66	-3.72	-5.38	19.82	-7.56	1.43
29	-5.90	7.15	9.87	-8.19	9.66	-3.42	-5.38	19.40	-8.01	1.33
30	-6.50	7.84	9.66	-8.40	10.38	-3.02	-5.38	18.76	-8.21	1.43
31	-6.91	7.85	8.95	-8.90	11.80	-2.52	-5.38	17.72	-8.41	1.62
32	-7.61	9.14	1.97	-9.50	13.47	-2.32	-5.39	17.20	-8.62	1.92
33	-7.91	9.63	1.57	-9.79	14.05	-2.32	-5.39	16.49	-8.92	2.12
34	-8.21	9.73	0.87	-9.69	14.37	-2.02	-5.59	15.64	-9.02	2.52
35	-8.31	9.84	0.17	-8.69	15.07	-1.73	-5.59	15.45	-9.52	2.82
36	-8.52	10.55	0.16	-8.10	15.67	-1.73	-5.59	15.44	-9.82	3.02
37	-9.07	11.56	-0.14	-7.90	16.25	-2.03	-5.59	15.44	-10.02	3.32
38	-9.62	12.68	-0.24	-7.50	16.48	-2.33	-5.59	15.44	-10.02	3.32
39	-9.92	14.26	-0.64	-7.20	17.15	-2.33	-5.60	15.44	-10.03	3.71
40	-10.42	15.06	-0.94	-6.70	17.35	-2.33	-5.80	15.33	-10.13	3.81
41	-10.73	15.89	-1.54	-6.60	17.63	-2.33	-5.80	15.33	-10.13	3.81
42	-11.33	17.05	-1.54	-6.41	17.64	-2.34	-5.80	15.11	-10.13	3.81
43	-11.74	17.52	-1.55	-6.21	17.73	-2.54	-5.80	14.61	-10.23	4.11
44	-12.44	17.57	-1.85	-6.11	17.72	-2.64	-5.50	14.12	-10.43	4.71
45	-13.13	17.62	-2.15	-6.11	17.50	-2.94	-5.00	13.72	-10.44	4.91
46	-13.43	17.61	-2.15	-6.41	17.07	-3.34	-4.90	13.32	-10.85	5.11
47	-13.72	17.61	-2.15	-6.52	16.29	-3.54	-4.60	12.90	-11.64	5.31
48	-13.72	17.61	-2.25	-6.82	15.72	-3.84	-4.31	12.11	-12.14	5.71
49	-13.73	17.59	-2.55	-7.62	15.62	-3.94	-4.31	11.62	-12.44	6.61
50	-13.73	17.30	-3.75	-7.92	15.60	-4.05	-4.11	11.16	-12.44	7.10

RECORD=S-211
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-W
 SIGNAL=GR.ACC.
 CORRECTION=ZERO.ARC
 STATION=KOCHT-S
 TOTAL NUMBER OF DATA= 9000

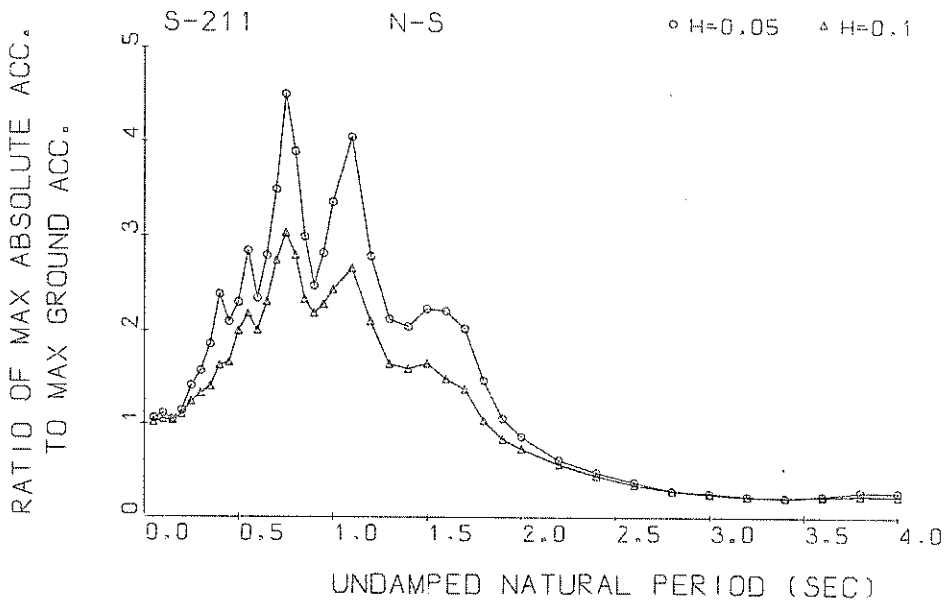
NO.	(4000)	(4050)	(4100)	(4150)	(4200)	(4250)	(4300)	(4350)	(4400)	(4450)
1	7.31	0.33	5.32	3.01	7.35	-16.22	9.12	-0.05	-7.02	15.22
2	8.11	-0.47	5.17	3.61	7.75	-16.23	9.44	-0.65	-7.82	16.88
3	9.10	-1.57	4.91	3.91	8.35	-16.32	10.32	-1.05	-8.52	19.06
4	9.29	-2.67	4.87	4.61	8.75	-16.21	10.81	-0.55	-8.62	20.58
5	9.30	-2.67	4.77	5.00	9.04	-16.01	14.05	-0.35	-9.02	21.19
6	9.50	-2.67	4.76	5.20	9.04	-15.62	14.95	0.15	-9.28	21.98
7	9.70	-2.67	4.56	5.30	9.04	-15.52	15.75	-1.16	-10.22	23.33
8	10.00	-2.87	3.56	5.50	9.03	-15.43	16.43	-1.16	-10.43	24.20
9	10.50	-3.18	3.16	5.60	9.03	-15.32	16.81	-0.86	-10.73	24.71
10	11.09	-3.28	2.75	5.90	9.03	-15.01	18.36	-0.76	-11.03	24.70
11	11.32	-3.68	1.16	6.50	9.03	-14.43	19.08	-0.66	-11.54	24.55
12	12.39	-3.68	-0.64	6.70	9.03	-14.32	19.92	-0.46	-12.23	24.16
13	12.61	-3.68	-1.04	6.89	9.03	-13.89	20.15	-0.36	-12.45	23.76
14	13.29	-4.28	-1.25	7.10	9.03	-13.62	20.60	0.14	-13.20	23.36
15	13.49	-5.39	-2.35	7.90	9.02	-11.92	20.60	0.33	-15.54	22.98
16	13.69	-7.30	-2.75	8.39	8.92	-11.03	20.56	0.63	-15.86	22.79
17	13.98	-8.59	-2.75	8.59	8.72	-10.43	20.19	0.83	-16.56	22.52
18	13.98	-8.81	-3.15	8.58	8.72	-10.04	20.05	0.83	-17.04	21.09
19	13.98	-10.60	-3.75	8.38	8.51	-9.63	19.57	0.83	-17.12	20.01
20	13.97	-11.42	-4.25	8.37	8.22	-8.84	19.26	0.83	-16.81	18.99
21	13.97	-12.60	-4.56	7.88	8.12	-8.64	18.98	0.73	-15.30	16.68
22	13.97	-13.00	-4.66	7.88	8.10	-8.03	18.89	0.53	-15.50	14.94
23	13.97	-13.42	-5.06	7.58	7.31	-6.84	18.78	0.52	-14.72	13.86
24	13.97	-14.30	-5.26	7.58	7.01	-5.95	17.53	0.52	-14.23	13.19
25	13.97	-14.50	-5.16	7.68	7.01	-5.35	16.70	0.52	-13.82	12.99
26	13.97	-14.60	-4.66	7.88	6.47	-4.95	15.55	0.52	-13.03	12.98
27	14.07	-14.59	-4.46	8.38	3.00	-4.55	15.04	0.22	-12.52	12.79
28	14.06	-14.48	-4.06	8.58	1.51	-4.55	14.25	0.22	-11.53	12.69
29	14.06	-14.05	-3.76	8.77	0.91	-4.36	13.55	0.22	-10.75	12.61
30	14.08	-12.89	-3.27	8.87	-0.49	-4.26	12.96	-0.09	-10.64	10.87
31	14.36	-12.45	-2.87	8.76	-1.40	-4.06	12.51	-0.69	-10.13	10.28
32	14.36	-10.68	-2.77	8.57	-2.90	-4.06	10.97	-0.89	-9.04	9.98
33	14.46	-9.68	-2.77	8.46	-4.40	-3.96	10.76	-1.09	-8.55	9.66
34	14.56	-8.40	-2.77	8.26	-5.51	-3.26	10.15	-1.09	-8.23	4.78
35	14.55	-7.79	-2.77	8.16	-7.21	-2.96	9.46	-1.29	-6.15	4.37
36	14.45	-6.10	-2.77	7.76	-8.01	-2.97	9.06	-2.69	-5.06	2.78
37	14.31	-4.61	-2.78	7.56	-8.61	-2.97	8.76	-2.99	-4.66	1.78
38	13.41	-3.41	-2.78	7.36	-9.51	-2.97	8.46	-3.10	-3.86	1.98
39	12.54	-2.71	-2.78	7.26	-10.21	-2.67	8.16	-3.20	-2.56	1.97
40	12.32	-1.12	-2.58	7.06	-10.61	-1.87	7.66	-3.40	-1.26	1.48
41	11.44	-0.12	-1.78	7.05	-10.81	0.33	7.26	-4.40	-0.76	1.87
42	11.19	1.08	-1.18	6.85	-11.04	2.33	6.86	-4.65	-0.16	2.17
43	9.45	1.18	-0.88	6.54	-12.42	3.73	6.35	-4.90	3.25	2.37
44	8.91	1.58	-0.38	5.75	-12.82	4.93	5.16	-5.00	6.45	2.67
45	7.32	3.18	0.41	5.55	-13.26	5.74	4.76	-5.10	7.55	2.77
46	5.53	3.18	0.81	5.86	-14.82	6.94	4.15	-5.11	6.77	3.07
47	4.83	4.78	1.11	6.55	-15.03	8.53	3.06	-5.21	10.48	3.47
48	2.34	5.58	1.11	6.85	-15.33	8.92	2.55	-5.41	12.26	3.77
49	1.24	5.67	1.81	7.05	-15.64	8.92	1.35	-5.61	13.06	4.06
50	1.04	5.7	1.91	7.05	-16.03	8.92	0.85	-6.71	13.89	4.06

RECORD=S-211 DATE AND TIME=1968-04-01-09-42	COMPONENT=E-W	SIGNAL=GR.ACC.	CORRECTION=ZFRO.ARC	STATION=KOCHT-S				
	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301		TOTAL NUMBER OF DATA= 9000				
NO.	(4500)	(4600)	(4700)	(4750)	(4800)	(4850)	(4900)	(4950)
1	3.86	12.67	6.51	10.00	-4.02	10.62	-5.45	2.99
2	3.46	13.65	8.41	8.44	-19.24	10.85	-3.35	3.29
3	3.16	13.95	7.01	8.23	-2.12	12.02	-4.85	3.28
4	3.06	14.34	7.21	7.62	-2.13	12.21	-4.75	3.25
5	2.76	14.54	7.71	6.42	-1.93	12.21	-4.35	-3.81
6	2.65	14.86	8.10	5.42	-1.73	12.21	-3.96	2.98
7	2.65	16.70	8.41	3.63	-1.33	12.21	-3.76	2.78
8	2.35	16.54	8.81	2.23	-0.03	12.19	-3.76	2.58
9	2.35	16.39	9.20	0.23	0.17	11.80	-3.76	2.18
10	2.65	17.17	9.60	-1.17	0.17	11.80	-3.16	2.07
11	2.65	17.74	9.80	-1.77	0.07	11.80	-2.96	1.77
12	2.85	17.95	10.10	-3.57	0.16	11.80	-3.56	1.57
13	2.94	18.32	10.29	-3.88	0.16	11.68	-3.76	1.37
14	2.64	18.28	10.39	-5.48	-0.04	11.26	-3.77	0.77
15	2.64	17.86	10.59	-7.29	-0.24	10.18	-3.77	0.77
16	2.64	17.16	10.79	-9.31	-0.34	9.47	-3.77	0.57
17	2.64	16.49	11.00	-11.52	-0.34	8.49	-3.77	0.26
18	2.64	16.01	11.49	-13.52	-0.24	8.06	-3.77	0.26
19	2.44	14.41	11.70	-14.71	-0.34	6.68	-3.77	0.16
20	2.34	12.59	12.21	-15.48	-0.35	6.08	-3.77	0.06
21	2.13	12.15	13.04	-15.50	-0.35	5.28	-3.78	-0.14
22	1.93	10.69	14.42	-15.89	0.05	4.28	-3.78	-0.24
23	0.33	10.29	15.23	-16.10	0.25	3.68	-3.78	-0.54
24	-0.47	9.79	16.16	-16.42	0.45	2.28	-3.78	-0.84
25	-1.27	9.19	17.54	-17.11	1.25	1.28	-3.78	-1.64
26	-1.87	8.47	19.36	-17.49	2.05	0.28	-3.78	-2.15
27	-2.87	6.99	18.28	-17.51	2.25	-0.62	-3.78	-2.35
28	4.87	6.49	18.41	-17.81	2.84	-1.62	-3.78	-2.35
29	3.98	5.59	18.90	-18.09	3.14	-2.12	-3.48	-2.45
30	4.48	7.97	19.20	-18.09	3.45	-3.32	-1.49	-2.45
31	4.58	3.59	19.50	-18.10	4.24	-3.72	-0.49	-2.45
32	4.88	8.96	19.89	-18.09	4.44	-3.73	0.31	-2.45
33	5.08	9.17	20.09	-17.99	4.64	-3.73	0.91	-2.45
34	5.48	9.76	20.38	-17.79	5.04	-3.73	1.51	-2.46
35	5.89	10.10	20.59	-17.69	5.84	-3.73	1.91	-2.46
36	7.19	11.67	20.88	-17.50	6.23	-3.73	3.31	-2.56
37	8.39	12.25	21.06	-17.49	6.24	-3.73	3.71	-1.96
38	8.79	12.28	21.66	-17.29	6.65	-3.73	4.00	-1.76
39	9.19	12.96	20.97	-16.97	7.65	-4.24	4.10	-1.56
40	9.70	13.17	20.13	-16.28	7.83	-5.44	4.10	-0.16
41	10.50	13.66	18.91	-15.55	8.13	-6.64	4.00	0.44
42	11.09	13.94	18.44	-14.17	8.23	-5.84	3.90	1.24
43	11.20	13.93	18.17	-12.99	8.23	-5.84	3.50	1.63
44	11.72	13.62	17.23	-12.20	8.53	-5.84	3.49	2.03
45	12.63	13.11	16.39	-11.80	8.83	-5.84	3.29	2.43
46	13.71	12.53	15.98	-11.09	9.03	-5.84	3.19	2.83
47	14.12	12.22	14.20	-9.71	9.23	-5.84	2.99	3.23
48	14.61	11.72	13.39	-9.00	9.53	-5.55	2.99	3.43
49	15.01	11.36	12.18	-7.81	10.02	-5.55	2.99	3.43
50	15.21	12.15	10.53	-6.21	10.23	-5.45	2.99	3.42

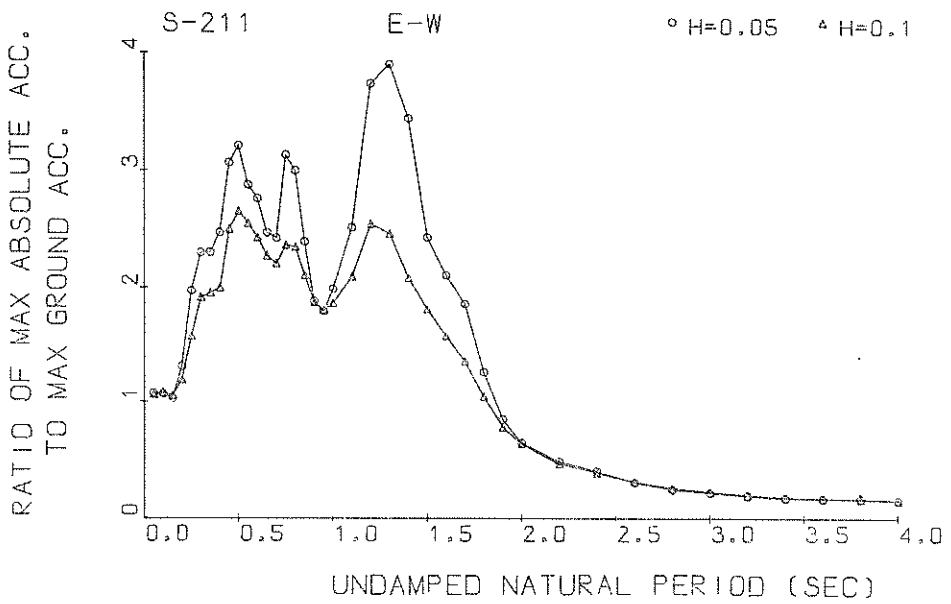
RECORD=S-211 COMPONENT=E-H SIGNAL=GR.ACC. CORRECTION=ZERO,ARC STATION=KOCHI-5
 DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 9000

NO.	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)
1	3.42	-3.94	-5.11	3.53	-0.13	-3.40	3.34	0.88	-2.39	-2.45
2	3.42	-5.71	3.33	3.33	1.67	-3.40	3.34	0.88	-2.39	-2.45
3	3.42	-3.94	-5.91	2.83	1.87	-3.40	3.14	1.58	-2.39	-2.45
4	2.82	-6.61	-3.95	2.33	2.27	-3.40	3.14	1.98	-2.39	-2.45
5	2.82	-3.45	-6.61	1.93	3.16	-3.40	3.14	2.77	-2.39	-2.46
6	2.82	-2.95	-6.61	1.72	3.56	-3.40	3.13	2.77	-2.39	-2.46
7	2.81	-2.45	-6.61	1.32	3.66	-3.40	3.03	2.97	-2.39	-2.46
8	2.61	-1.35	-6.41	0.92	3.66	-3.40	2.95	3.17	-2.40	-2.46
9	2.61	-0.88	-6.41	-0.08	3.66	-3.41	2.85	3.47	-2.40	-2.46
10	2.61	-0.15	-5.91	0.88	3.56	-3.41	2.53	3.57	-2.40	-2.46
11	2.61	0.45	-5.41	-1.08	4.46	-3.21	2.32	3.56	-2.40	-2.46
12	2.61	1.35	-4.02	-2.08	4.46	-3.11	1.52	3.56	-2.40	-2.47
13	3.31	1.64	-3.82	-2.68	4.66	-3.01	0.52	3.56	-2.40	-2.47
14	3.41	1.94	-3.62	-4.09	5.05	-2.91	0.32	2.86	-2.40	-2.47
15	3.71	2.44	-2.52	-4.39	5.25	-2.91	-0.48	2.46	-2.41	-2.47
16	4.21	2.44	-1.82	-4.79	5.55	-2.82	-1.28	2.16	-2.41	-2.47
17	4.81	2.44	-1.12	-5.29	5.75	-2.72	-2.08	1.86	-2.41	-2.47
18	5.10	2.44	-0.13	-5.79	5.75	-2.52	-2.88	1.65	-2.41	-2.47
19	5.10	2.44	0.27	-6.19	6.35	-2.32	-3.88	1.64	-2.41	-2.47
20	5.20	2.43	0.87	-6.59	6.55	-2.12	-4.28	1.64	-2.41	-2.48
21	5.20	2.43	2.57	-7.00	6.65	-2.02	-4.29	1.64	-2.41	-2.48
22	5.10	2.43	2.87	-8.00	7.14	-1.62	-4.29	1.64	-2.41	-2.48
23	5.09	2.43	3.27	-8.20	7.34	-1.22	-4.29	1.64	-2.41	-2.48
24	5.09	2.43	3.77	-8.20	7.54	-1.13	-4.29	1.64	-2.41	-2.48
25	5.09	2.43	3.87	-8.20	7.54	-0.93	-4.29	1.64	-2.41	-2.48
26	5.09	2.43	4.56	-8.20	7.54	-0.53	-4.29	1.64	-2.41	-2.48
27	4.79	2.43	4.67	-8.10	7.53	-0.33	-4.29	1.64	-2.41	-2.48
28	4.69	2.93	5.26	-8.10	7.33	-0.03	-4.29	1.64	-2.41	-2.48
29	4.48	3.52	5.37	-7.80	7.33	0.07	-4.30	1.64	-2.41	-2.49
30	4.09	3.62	5.86	-7.10	7.33	0.37	-4.30	1.64	-2.41	-2.49
31	3.98	3.92	6.16	-6.81	7.32	0.87	-4.30	1.64	-2.41	-2.49
32	3.78	3.92	6.16	-6.61	7.01	1.22	-4.30	1.64	-2.41	-2.49
33	3.18	4.22	6.15	-6.51	6.12	1.56	-4.30	1.64	-2.41	-2.49
34	3.08	4.42	6.15	-5.61	5.82	1.86	-4.30	1.64	-2.41	-2.49
35	2.48	4.72	6.15	-5.31	5.32	2.06	-4.20	1.64	-2.41	-2.49
36	1.98	5.01	5.85	-4.11	4.82	2.26	-4.10	1.64	-2.41	-2.50
37	1.08	5.01	5.75	-4.11	4.32	2.36	-3.71	1.64	-2.41	-2.50
38	0.28	5.01	5.65	-4.12	4.32	2.76	-3.51	1.64	-2.41	-2.50
39	0.07	4.71	5.55	-3.72	4.32	2.85	-3.11	1.64	-2.41	-2.50
40	-0.93	4.61	5.44	-3.52	3.80	2.85	-2.81	1.64	-2.41	-2.50
41	-1.93	4.30	5.34	-2.72	1.81	2.95	-2.61	1.64	-2.41	-2.50
42	-2.03	3.90	5.34	-2.32	0.21	3.15	-2.41	1.64	-2.41	-2.50
43	-2.53	3.30	5.24	-2.22	-0.49	3.35	-2.21	1.64	-2.41	-2.50
44	-2.93	2.00	4.94	-2.22	-1.59	3.35	-2.11	1.64	-2.41	-2.51
45	-3.53	1.20	4.73	-2.22	-1.99	3.35	-1.92	1.64	-2.41	-2.51
46	-3.93	-0.10	4.14	-1.93	-2.59	3.35	-1.62	1.64	-2.41	-2.51
47	-3.94	-1.60	4.04	-1.73	-3.39	3.35	-1.02	1.64	-2.41	-2.51
48	-3.94	-2.60	3.93	-1.03	-3.39	3.34	-0.62	1.64	-2.41	-2.51
49	-3.94	-4.00	3.83	-0.53	-3.39	3.34	-0.38	1.64	-2.41	-2.51
50	-3.94	-4.20	3.73	-0.23	-3.39	3.34	-0.42	1.64	-2.41	-2.51

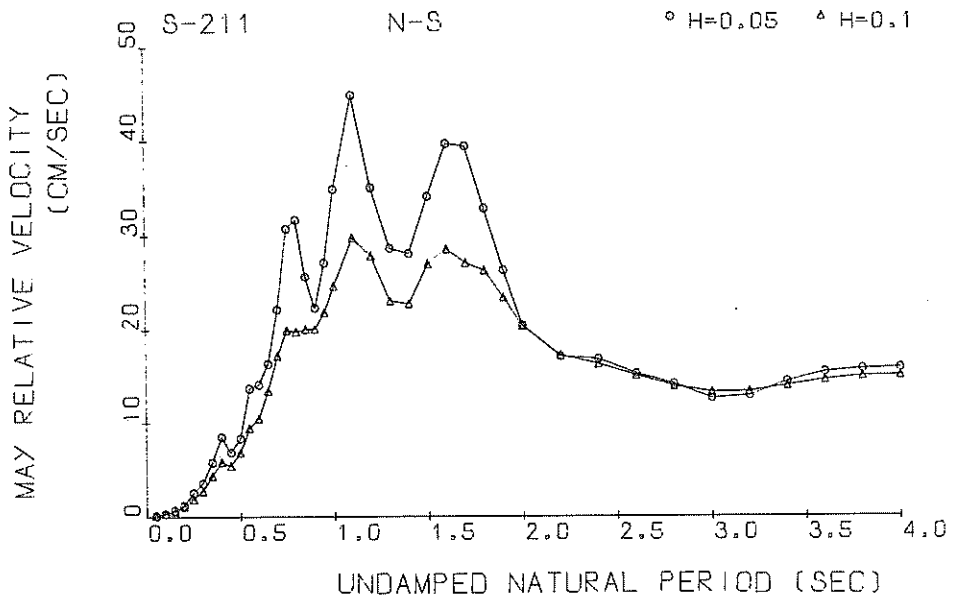
NO.	RECORD=S-211 DATE AND TIME=1968-04-01-09-42										COMPONENT=E-W										SIGNAL=GR.ACC. CORRECTION=ZFR0.ARC FORMAT NO.=301										STATION=KOGHT-S TOTAL NUMBER OF DATA= 9000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	(5500)	(5550)	(5600)	(5650)	(5700)	(5750)	(5800)	(5850)	(5900)	(5950)	(5500)	(5550)	(5600)	(5650)	(5700)	(5750)	(5800)	(5850)	(5900)	(5950)	(5500)	(5550)	(5600)	(5650)	(5700)	(5750)	(5800)	(5850)	(5900)	(5950)	(5500)	(5550)	(5600)	(5650)	(5700)	(5750)	(5800)	(5850)	(5900)	(5950)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
1	-2.51	-1.78	-2.64	-2.71	-2.77	-2.83	-2.90	-2.96	-3.02	-3.09	-3.15	-3.21	-3.27	-3.33	-3.39	-3.45	-3.51	-3.57	-3.63	-3.69	-3.75	-3.81	-3.87	-3.93	-3.99	-4.05	-4.11	-4.17	-4.23	-4.29	-4.35	-4.41	-4.47	-4.53	-4.59	-4.65	-4.71	-4.77	-4.83	-4.89	-4.95	-5.01	-5.07	-5.13	-5.19	-5.25	-5.31	-5.37	-5.43	-5.49	-5.55	-5.61	-5.67	-5.73	-5.79	-5.85	-5.91	-5.97	-6.03	-6.09	-6.15	-6.21	-6.27	-6.33	-6.39	-6.45	-6.51	-6.57	-6.63	-6.69	-6.75	-6.81	-6.87	-6.93	-6.99	-7.05	-7.11	-7.17	-7.23	-7.29	-7.35	-7.41	-7.47	-7.53	-7.59	-7.65	-7.71	-7.77	-7.83	-7.89	-7.95	-8.01	-8.07	-8.13	-8.19	-8.25	-8.31	-8.37	-8.43	-8.49	-8.55	-8.61	-8.67	-8.73	-8.79	-8.85	-8.91	-8.97	-9.03	-9.09	-9.15	-9.21	-9.27	-9.33	-9.39	-9.45	-9.51	-9.57	-9.63	-9.69	-9.75	-9.81	-9.87	-9.93	-9.99	-10.05	-10.11	-10.17	-10.23	-10.29	-10.35	-10.41	-10.47	-10.53	-10.59	-10.65	-10.71	-10.77	-10.83	-10.89	-10.95	-11.01	-11.07	-11.13	-11.19	-11.25	-11.31	-11.37	-11.43	-11.49	-11.55	-11.61	-11.67	-11.73	-11.79	-11.85	-11.91	-11.97	-12.03	-12.09	-12.15	-12.21	-12.27	-12.33	-12.39	-12.45	-12.51	-12.57	-12.63	-12.69	-12.75	-12.81	-12.87	-12.93	-12.99	-13.05	-13.11	-13.17	-13.23	-13.29	-13.35	-13.41	-13.47	-13.53	-13.59	-13.65	-13.71	-13.77	-13.83	-13.89	-13.95	-14.01	-14.07	-14.13	-14.19	-14.25	-14.31	-14.37	-14.43	-14.49	-14.55	-14.61	-14.67	-14.73	-14.79	-14.85	-14.91	-14.97	-15.03	-15.09	-15.15	-15.21	-15.27	-15.33	-15.39	-15.45	-15.51	-15.57	-15.63	-15.69	-15.75	-15.81	-15.87	-15.93	-15.99	-16.05	-16.11	-16.17	-16.23	-16.29	-16.35	-16.41	-16.47	-16.53	-16.59	-16.65	-16.71	-16.77	-16.83	-16.89	-16.95	-17.01	-17.07	-17.13	-17.19	-17.25	-17.31	-17.37	-17.43	-17.49	-17.55	-17.61	-17.67	-17.73	-17.79	-17.85	-17.91	-17.97	-18.03	-18.09	-18.15	-18.21	-18.27	-18.33	-18.39	-18.45	-18.51	-18.57	-18.63	-18.69	-18.75	-18.81	-18.87	-18.93	-18.99	-19.05	-19.11	-19.17	-19.23	-19.29	-19.35	-19.41	-19.47	-19.53	-19.59	-19.65	-19.71	-19.77	-19.83	-19.89	-19.95	-20.01	-20.07	-20.13	-20.19	-20.25	-20.31	-20.37	-20.43	-20.49	-20.55	-20.61	-20.67	-20.73	-20.79	-20.85	-20.91	-20.97	-21.03	-21.09	-21.15	-21.21	-21.27	-21.33	-21.39	-21.45	-21.51	-21.57	-21.63	-21.69	-21.75	-21.81	-21.87	-21.93	-21.99	-22.05	-22.11	-22.17	-22.23	-22.29	-22.35	-22.41	-22.47	-22.53	-22.59	-22.65	-22.71	-22.77	-22.83	-22.89	-22.95	-23.01	-23.07	-23.13	-23.19	-23.25	-23.31	-23.37	-23.43	-23.49	-23.55	-23.61	-23.67	-23.73	-23.79	-23.85	-23.91	-23.97	-24.03	-24.09	-24.15	-24.21	-24.27	-24.33	-24.39	-24.45	-24.51	-24.57	-24.63	-24.69	-24.75	-24.81	-24.87	-24.93	-24.99	-25.05	-25.11	-25.17	-25.23	-25.29	-25.35	-25.41	-25.47	-25.53	-25.59	-25.65	-25.71	-25.77	-25.83	-25.89	-25.95	-26.01	-26.07	-26.13	-26.19	-26.25	-26.31	-26.37	-26.43	-26.49	-26.55	-26.61	-26.67	-26.73	-26.79	-26.85	-26.91	-26.97	-27.03	-27.09	-27.15	-27.21	-27.27	-27.33	-27.39	-27.45	-27.51	-27.57	-27.63	-27.69	-27.75	-27.81	-27.87	-27.93	-27.99	-28.05	-28.11	-28.17	-28.23	-28.29	-28.35	-28.41	-28.47	-28.53	-28.59	-28.65	-28.71	-28.77	-28.83	-28.89	-28.95	-29.01	-29.07	-29.13	-29.19	-29.25	-29.31	-29.37	-29.43	-29.49	-29.55	-29.61	-29.67	-29.73	-29.79	-29.85	-29.91	-29.97	-30.03	-30.09	-30.15	-30.21	-30.27	-30.33	-30.39	-30.45	-30.51	-30.57	-30.63	-30.69	-30.75	-30.81	-30.87	-30.93	-30.99	-31.05	-31.11	-31.17	-31.23	-31.29	-31.35	-31.41	-31.47	-31.53	-31.59	-31.65	-31.71	-31.77	-31.83	-31.89	-31.95	-32.01	-32.07	-32.13	-32.19	-32.25	-32.31	-32.37	-32.43	-32.49	-32.55	-32.61	-32.67	-32.73	-32.79	-32.85	-32.91	-32.97	-33.03	-33.09	-33.15	-33.21	-33.27	-33.33	-33.39	-33.45	-33.51	-33.57	-33.63	-33.69	-33.75	-33.81	-33.87	-33.93	-33.99	-34.05	-34.11	-34.17	-34.23	-34.29	-34.35	-34.41	-34.47	-34.53	-34.59	-34.65	-34.71	-34.77	-34.83	-34.89	-34.95	-35.01	-35.07	-35.13	-35.19	-35.25	-35.31	-35.37	-35.43	-35.49	-35.55	-35.61	-35.67	-35.73	-35.79	-35.85	-35.91	-35.97	-36.03	-36.09	-36.15	-36.21	-36.27	-36.33	-36.39	-36.45	-36.51	-36.57	-36.63	-36.69	-36.75	-36.81	-36.87	-36.93	-36.99	-37.05	-37.11	-37.17	-37.23	-37.29	-37.35	-37.41	-37.47	-37.53	-37.59	-37.65	-37.71	-37.77	-37.83	-37.89	-37.95	-38.01	-38.07	-38.13	-38.19	-38.25	-38.31	-38.37	-38.43	-38.49	-38.55	-38.61	-38.67	-38.73	-38.79	-38.85	-38.91	-38.97	-39.03	-39.09	-39.15	-39.21	-39.27	-39.33	-39.39	-39.45	-39.51	-39.57	-39.63	-39.69	-39.75	-39.81	-39.87	-39.93	-39.99	-40.05	-40.11	-40.17	-40.23	-40.29	-40.35	-40.41	-40.47	-40.53	-40.59	-40.65	-40.71	-40.77	-40.83	-40.89	-40.95	-41.01	-41.07	-41.13	-41.19	-41.25	-41.31	-41.37	-41.43	-41.49	-41.55	-41.61	-41.67	-41.73	-41.79	-41.85	-41.91	-41.97	-42.03	-42.09	-42.15	-42.21	-42.27	-42.33	-42.39	-42.45	-42.51	-42.57	-42.63	-42.69	-42.75	-42.81	-42.87	-42.93	-42.99	-43.05	-43.11	-43.17	-43.23	-43.29	-43.35	-43.41	-43.47	-43.53	-43.59	-43.65	-43.71	-43.77	-43.83	-43.89	-43.95	-44.01	-44.07	-44.13	-44.19	-44.25	-44.31	-44.37	-44.43	-44.49	-44.55	-44.61	-44.67	-44.73	-44.79	-44.85	-44.91	-44.97	-45.03	-45.09	-45.15	-45.21	-45.27	-45.33	-45.39	-45.45	-45.51	-45.57	-45.63	-45.69	-45.75	-45.81	-45.87	-45.93	-45.99	-46.05	-46.11	-46.17	-46.23	-46.29	-46.35	-46.41	-46.47	-46.53	-46.59	-46.65	-46.71	-46.77	-46.83	-46.89	-46.95	-47.01	-47.07	-47.13	-47.19	-47.25	-47.31	-47.37	-47.43	-47.49	-47.55	-47.61	-47.67	-47.73	-47.79	-47.85	-47.91	-47.97	-48.03	-48.09	-48.15	-48.21	-48.27	-48.33	-48.39	-48.45	-48.51	-48.57	-48.63	-48.69	-48.75	-48.81	-48.87	-48.93	-48.99	-49.05	-49.11	-49.17	-49.23	-49.29	-49.35	-49.41	-49.47	-49.53	-49.59	-49.65	-49.71	-49.77	-49.83	-49.89	-49.95	-50.01	-50.07	-50.13	-50.19	-50.25	-50.31	-50.37	-50.43	-50.49	-50.55	-50.61	-50.67	-50.73	-50.79	-50.85	-50.91	-50.97	-51.03	-51.09	-51.15	-51.21	-51.27	-51.33	-51.39	-51.45	-51.51	-51.57	-51.63	-51.69	-51.75	-51.81	-51.87	-51.93	-51.99	-52.05	-52.11	-52.17	-52.23	-52.29	-52.35	-52.41	-52.47	-52.53	-52.59	-52.65	-52.71	-52.77	-52.83	-52.89	-52.95	-53.01	-53.07	-53.13	-53.19	-53.25	-53.31	-53.37	-53.43	-53.49	-53.55	-53.61	-53.67	-53.73	-53.79	-53.85	-53.91	-53.97	-54.03	-54.09	-54.15	-54.21	-54.27	-54.33	-54.39	-54.45	-54.51	-54.57	-54.63	-54.69	-54.75	-54.81	-54.87	-54.93	-54.99	-55.05	-55.11	-55.17	-55.23	-55.29	-55.35	-55.41	-55.47	-55.53	-55.59	-55.65	-55.71	-55.77	-55.83	-55.89	-55.95	-56.01	-56.07	-56.13	-56.19	-56.25	-56.31	-56.37	-56.43	-56.49	-56.55	-56.61	-56.67	-56.73	-56.79	-56.85	-56.91	-56.97	-57.03	-57.09	-57.15	-57.21	-57.27	-57.33	-57.39	-57.45	-57.51	-57.57	-57.63	-57.69	-57.75	-57.81	-57.87	-57.93	-57.99	-58.05	-58.11	-58.17	-58.23	-58.29	-58.35	-58.41	-58.47	-58.53	-58.59	-58.65	-58.71	-58.77	-58.83	-58.89	-58.95	-59.01	-59.07	-59.13	-59.19	-59.25	-59.31	-59.37	-59.43	-59.49	-59.55	-59.61	-59.67	-59.73	-59.79	-59.85	-59.91	-59.97	-60.03	-60.09	-60.15	-60.21	-60.27	-60.33	-60.39	-60.45	-60.51	-60.57	-60.63	-60.69	-60.75	-60.81	-60.87	-60.93	-60.99	-61.05	-61.11	-61.17	-61.23	-61.29	-61.35	-61.41	-61.47	-61.53	-61.59	-61.65	-61.71	-61.77	-61.83	-61.89	-61.95	-62.01	-62.07	-62.13	-62.19	-62.25	-62.31	-62.37	-62.43	-62.49	-62.55	-62.61	-62.67	-62.73	-62.79	-62.85	-62.91	-62.97	-63.03	-63.09	-63.15	-63.21	-63.27	-63.33	-63.39	-63.45	-63.51	-63.57	-63.63	-63.69	-63.75	-63.81	-63.87	-63.93	-63.99	-64.05	-64.11	-64.17	-64.23	-64.29	-64.35	-64.41	-64.47	-64.53	-64.59	-64.65	-64.71	-64.77	-64.83	-64.89	-64.95	-65.01	-65.07	-65.13	-65.19	-65.25	-65.31	-65.37	-65.43	-65.49	-65.55	-65.61	-65.67	-65.73	-65.79	-65.85	-65.91	-65.97	-66.03	-66.09	-66.15	-66.21	-66.27	-66.33	-66.39	-66.45	-66.51	-66.57	-66.63	-66.69	-66.75	-66.81	-66.87	-66.93	-66.99	-67.05	-67.11	-67.17	-67.23	-67.29	-67.35	-67.41	-67.47	-67.53	-67.59	-67.65	-67.71	-67.77	-67.83	-67.89	-67.95	-68.01	-68.07	-68.13	-68.19	-68.25	-68.31	-68.37	-68.43	-68.49	-68.55	-68.61	-68.67	-68.73	-68.79	-68.85	-68.91	-68.97	-69.03	-69.09	-69.15	-69.21	-69.27	-69.33	-69.39	-69.45	-69.51	-69.57	-69.63	-69.69	-69.75	-69.81	-69.87	-69.93	-69.99	-70.05	-70.11	-70.17	-70.23	-70.29	-70.35	-70.41	-70.47	-70.53	-70.59	-70.65	-70.71	-70.77	-70.83	-70.89	-70.95	-71.01	-71.07	-71.13	-71.19	-71.25	-71.31	-71.37	-71.43	-71.49	-71.55	-71.61	-71.67	-71.73	-71.79	-71.85	-71.91	-71.97	-72.03	-72.09	-72.15	-72.21	-72.27	-72.33	-72.39	-72.45	-72.51	-72.57	-72.63	-72.69	-72.75	-72.81	-72.87	-72.93	-72.99	-73.05	-73.11	-73.17	-73.23	-73.29	-73.35	-73.41	-73.47	-73.53	-73.59	-73.65	-73.71	-73.77	-73.83	-73.89	-73.95</



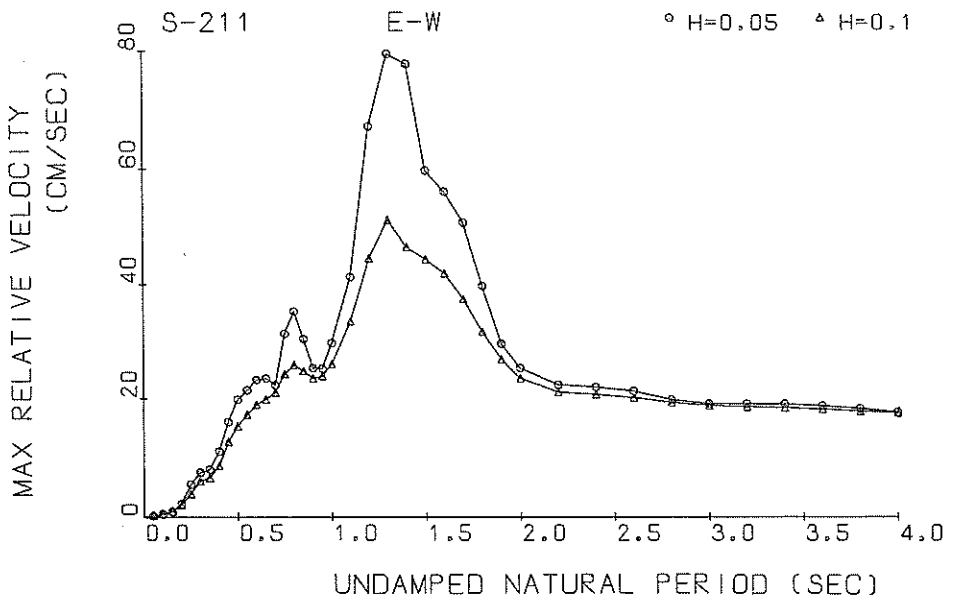
Response Spectra



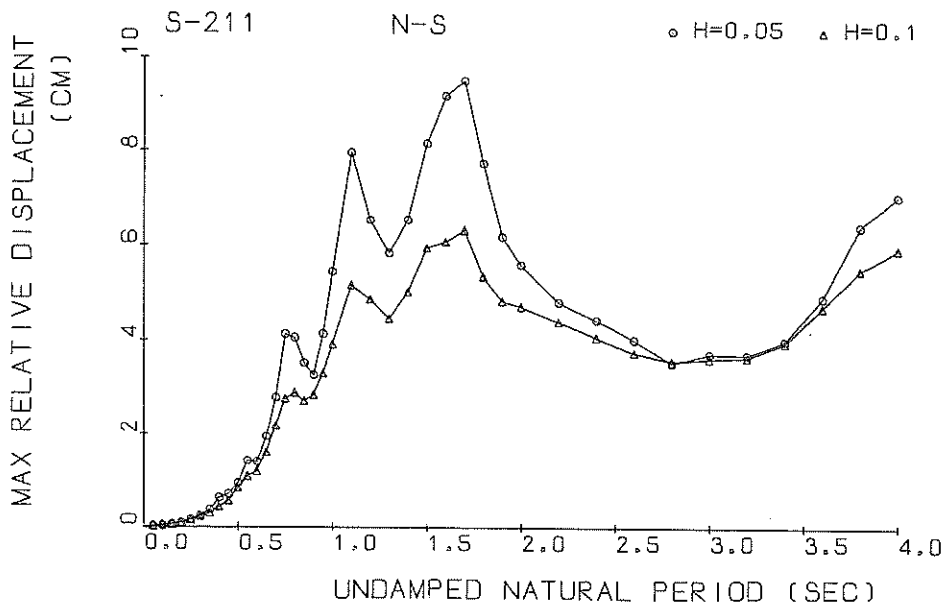
Response Spectra



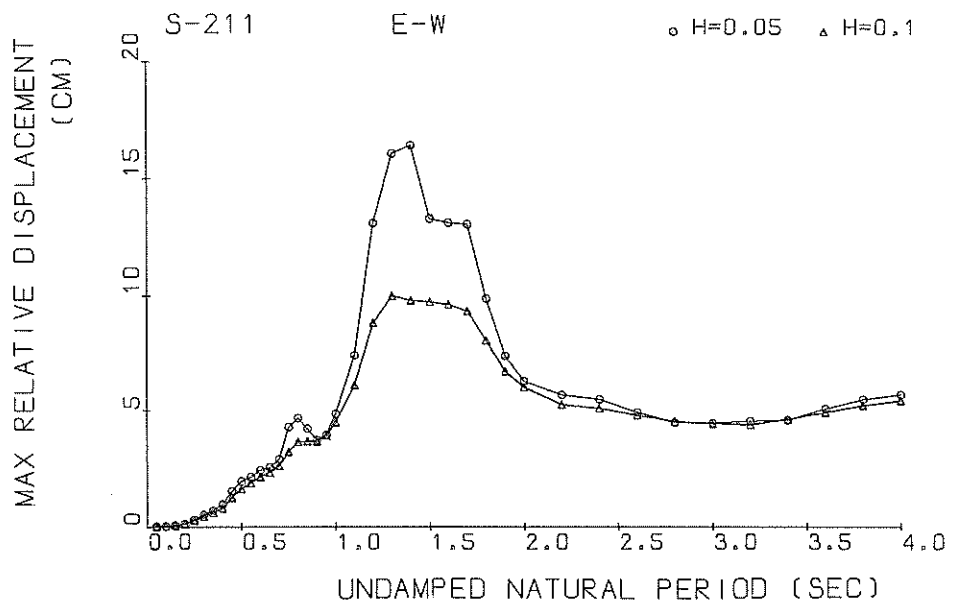
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-211 N-S 1968-04-01-09-42 1968-HYUGANADA
 STATION = KOCHI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 15.000(SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 64.40(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.059	68.16	9.97	0.106	0.0046
0.100	1.109	71.43	15.06	0.505	0.0181
0.150	1.047	67.41	19.65	0.540	0.0384
0.200	1.146	73.80	30.43	1.154	0.0748
0.250	1.412	90.93	44.99	2.487	0.1440
0.300	1.570	101.11	63.00	3.469	0.2292
0.350	1.654	119.40	91.52	5.724	0.3682
0.400	2.084	153.49	128.07	8.434	0.6197
0.450	2.091	134.65	89.33	6.723	0.6889
0.500	2.500	148.14	85.74	8.230	0.9355
0.550	2.842	183.00	132.82	13.616	1.3967
0.600	2.542	150.82	150.99	14.034	1.3683
0.650	2.794	179.92	141.48	16.278	1.9188
0.700	3.486	224.46	170.49	22.113	2.7755
0.750	4.202	289.92	245.48	30.662	4.1136
0.800	3.893	250.71	234.83	31.597	4.0440
0.850	2.989	192.46	191.14	25.605	3.5053
0.900	2.472	159.21	171.90	22.283	3.2515
0.950	2.814	181.21	182.17	27.083	4.1234
1.000	3.353	215.95	234.67	34.803	5.4388
1.100	4.046	260.52	257.58	44.716	7.9451
1.200	2.787	179.45	203.90	34.954	6.5086
1.300	2.123	136.71	147.66	28.291	5.8233
1.400	2.051	132.11	144.90	28.026	6.2284
1.500	2.236	144.01	185.58	33.996	8.1534
1.600	2.211	142.35	190.70	39.539	9.1790
1.700	2.029	130.68	191.13	39.251	9.4970
1.800	1.473	94.86	143.10	32.739	7.7358
1.900	1.059	68.21	127.40	26.248	6.1883
2.000	0.863	55.57	111.59	20.394	5.2883
2.200	0.612	39.41	91.85	17.016	4.7903
2.400	0.484	31.16	89.33	16.757	4.5105
2.600	0.371	23.91	87.37	15.194	4.0216
2.800	0.282	18.14	82.02	14.007	3.5226
3.000	0.256	16.52	76.61	12.510	3.7151
3.200	0.223	14.36	70.53	12.786	3.6969
3.400	0.214	13.76	72.92	14.323	3.9981
3.600	0.235	15.15	73.81	15.367	4.9030
3.800	0.276	17.78	75.16	15.692	6.4171
4.000	0.274	17.62	70.36	15.811	7.0531

RESPONSE SPECTRUM

RECORD = S-211 N-S 1968-04-01-09-42 1968-HYUGANADA
 STATION = KUCHI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 20.000(SEC) SKIPPED LENGTH = 10.000(SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 64.40(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.022	65.81	9.66	0.100	0.0042
0.100	1.058	68.10	14.16	0.286	0.0172
0.150	1.042	67.09	15.77	0.564	0.0382
0.200	1.112	71.63	25.26	1.064	0.0726
0.250	1.256	80.69	54.22	1.829	0.1272
0.300	1.539	86.22	48.65	2.646	0.1945
0.350	1.414	91.04	65.57	4.262	0.2788
0.400	1.641	105.65	81.52	5.766	0.4222
0.450	1.677	107.99	70.79	5.661	0.5476
0.500	2.008	129.28	67.58	6.769	0.8109
0.550	2.187	140.80	95.67	9.652	1.0662
0.600	2.016	129.80	116.57	10.691	1.1700
0.650	2.518	149.60	107.69	13.421	1.5774
0.700	2.755	177.44	168.11	17.186	2.1736
0.750	3.044	196.01	160.66	19.922	2.7520
0.800	2.806	180.66	154.68	19.742	2.8796
0.850	2.641	150.73	148.84	19.992	2.7076
0.900	2.196	141.25	150.71	19.980	2.8690
0.950	2.287	147.29	161.64	21.747	3.2955
1.000	2.440	157.10	175.66	24.604	3.9092
1.100	2.065	171.60	168.78	29.645	5.1550
1.200	2.107	135.68	154.44	27.714	4.8506
1.300	1.656	106.44	166.01	22.960	4.4506
1.400	1.606	103.43	167.89	22.622	5.0099
1.500	1.664	107.14	147.88	26.861	5.9411
1.600	1.498	96.47	147.94	28.467	6.0787
1.700	1.686	89.25	148.99	26.970	6.6177
1.800	1.048	67.48	126.80	26.197	5.6421
1.900	0.847	54.51	108.96	26.640	4.8247
2.000	0.744	47.91	102.78	20.298	4.7154
2.200	0.576	67.11	91.66	17.096	4.6924
2.400	0.451	29.06	87.29	16.156	4.0730
2.600	0.655	22.88	84.50	14.950	6.7414
2.800	0.294	18.91	80.78	16.761	6.5677
3.000	0.261	16.81	77.18	16.118	6.6267
3.200	0.232	14.96	74.84	16.162	6.6565
3.400	0.224	14.69	76.96	16.765	6.9700
3.600	0.236	15.22	74.10	14.406	4.7209
3.800	0.248	15.94	74.69	14.802	5.5141
4.000	0.242	15.56	75.61	14.889	5.9536

RESPONSE SPECTRUM

RECORD = S-211 E-W 1968-04-01-09-42 1968-HYUGANADA
 STATION = KOCHI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 15.000(SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 96.74(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.072	103.71	14.55	0.134	0.0066
0.100	1.065	103.06	14.85	0.434	0.0261
0.150	1.028	99.45	25.74	0.836	0.0567
0.200	1.302	125.96	49.37	2.107	0.1277
0.250	1.970	190.61	124.06	5.405	0.3007
0.300	2.306	222.76	155.50	7.486	0.5055
0.350	2.306	223.04	155.18	8.026	0.6909
0.400	2.473	239.24	156.20	11.071	0.9678
0.450	3.061	296.15	208.71	15.983	1.5129
0.500	3.204	309.94	233.84	19.802	1.9561
0.550	2.874	278.01	226.16	21.423	2.1226
0.600	2.759	266.92	226.01	23.228	2.4243
0.650	2.471	239.03	210.41	23.477	2.5474
0.700	2.425	234.55	186.72	22.320	2.8997
0.750	3.123	302.12	250.42	31.374	4.2871
0.800	2.990	289.21	264.35	35.220	4.6667
0.850	2.392	231.40	239.96	30.412	4.2105
0.900	1.874	181.31	188.20	25.257	3.7034
0.950	1.783	172.46	176.19	25.166	3.9268
1.000	1.982	191.73	196.85	29.624	4.8376
1.100	2.510	242.79	252.55	41.204	7.4065
1.200	3.730	360.86	345.27	67.088	13.1008
1.300	3.896	376.84	397.24	79.315	16.0485
1.400	3.433	332.14	366.94	77.537	16.4082
1.500	2.425	234.62	284.21	59.505	13.2892
1.600	2.103	203.48	261.07	55.865	13.1101
1.700	1.853	179.28	226.09	50.581	13.0458
1.800	1.253	121.18	179.75	39.573	9.8743
1.900	0.841	81.34	161.39	29.461	7.3812
2.000	0.642	62.12	141.12	25.169	6.2533
2.200	0.481	46.58	126.55	22.187	5.6577
2.400	0.394	38.08	120.43	21.823	5.4769
2.600	0.301	29.13	111.29	21.094	4.9052
2.800	0.237	22.88	107.11	19.632	4.4540
3.000	0.200	19.95	106.75	18.890	4.4464
3.200	0.185	17.88	105.65	18.825	4.5282
3.400	0.165	15.97	104.13	18.826	4.5893
3.600	0.163	15.76	102.67	18.557	5.0764
3.800	0.158	15.28	101.56	18.059	5.4822
4.000	0.148	14.33	100.89	17.521	5.6992

RESPONSE SPECTRUM

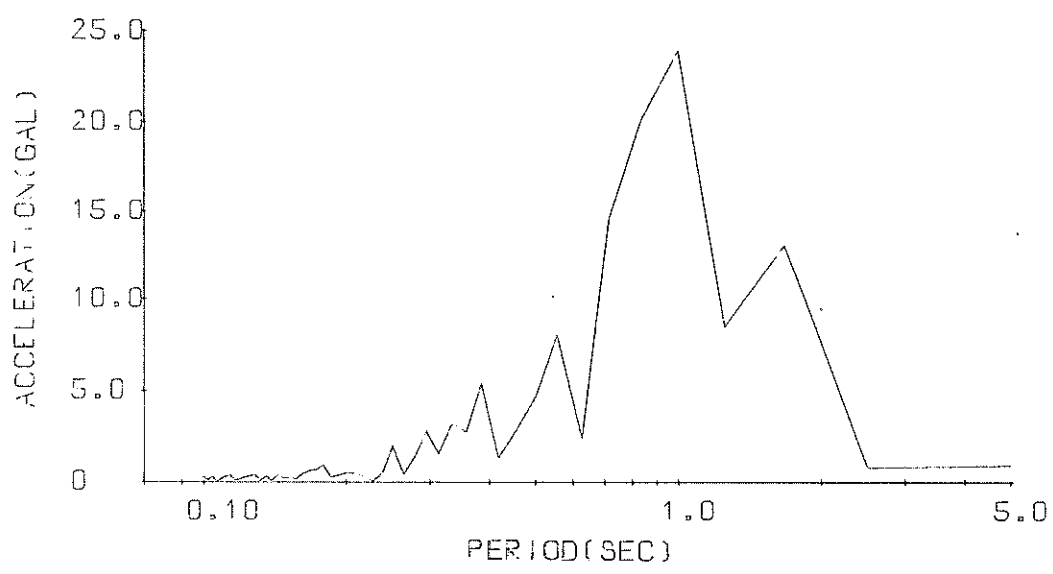
RECORD = S-211 E-W 1968-04-01-09-42 1968-HYUGANADA
 STATION = KOCHI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 23.000(SEC) SKIPPED LENGTH = 15.000(SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 96.74(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.055	101.85	14.55	0.120	0.0064
0.100	1.071	103.63	14.55	0.411	0.0262
0.150	1.044	100.99	23.68	0.828	0.0575
0.200	1.188	114.89	40.19	1.835	0.1160
0.250	1.263	121.21	89.20	3.753	0.2378
0.300	1.910	184.73	99.51	5.896	0.4168
0.350	1.948	188.41	98.57	6.415	0.5784
0.400	1.992	192.71	106.67	8.514	0.7725
0.450	2.200	241.83	154.69	12.592	1.2255
0.500	2.052	256.53	179.87	15.145	1.6025
0.550	2.548	246.48	181.55	17.160	1.8601
0.600	2.430	265.08	180.56	18.811	2.1116
0.650	2.274	219.94	180.81	19.743	2.3166
0.700	2.207	213.48	180.79	20.922	2.6072
0.750	2.366	228.85	206.22	24.180	3.2020
0.800	2.052	227.51	219.07	25.804	3.6178
0.850	2.107	203.78	202.91	24.722	3.6544
0.900	1.072	181.08	166.06	23.452	3.6405
0.950	1.793	173.89	180.27	26.849	3.8949
1.000	1.864	180.34	187.82	25.970	4.4744
1.100	2.105	203.44	214.10	33.485	6.1066
1.200	2.250	246.69	237.46	44.509	8.8292
1.300	2.466	238.54	290.99	51.141	10.0021
1.400	2.086	201.76	284.73	46.456	9.8014
1.500	1.807	174.84	233.77	44.311	9.7316
1.600	1.269	151.74	194.82	41.874	9.6309
1.700	1.351	130.70	166.33	37.304	9.3333
1.800	1.043	100.91	159.69	31.558	8.0466
1.900	0.783	75.79	151.65	26.731	6.6932
2.000	0.636	61.51	140.97	23.401	5.9975
2.200	0.465	44.96	127.40	21.004	5.2364
2.400	0.384	37.19	119.78	20.613	5.0845
2.600	0.310	30.03	112.66	20.055	4.7684
2.800	0.255	24.69	108.75	19.230	4.4930
3.000	0.220	21.30	107.66	18.672	4.3981
3.200	0.194	18.78	106.46	18.439	4.3742
3.400	0.177	17.12	105.14	18.285	4.6072
3.600	0.169	16.36	103.92	18.046	4.9212
3.800	0.161	15.60	102.96	17.725	5.2138
4.000	0.152	14.72	102.23	17.394	5.4320

S-211 N-S

TSK=19.00

TUS=5.00

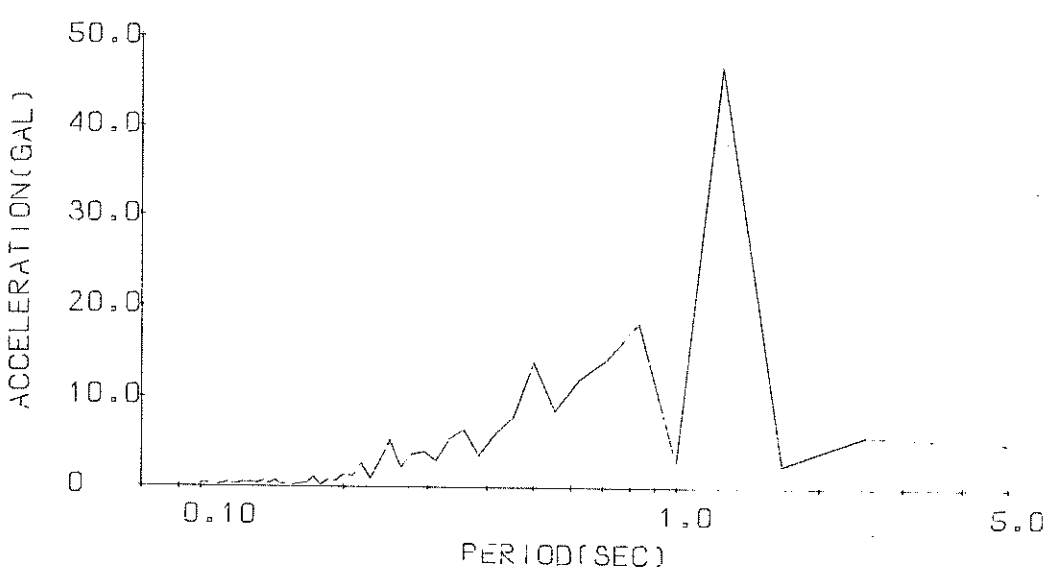


Fourier Spectrum

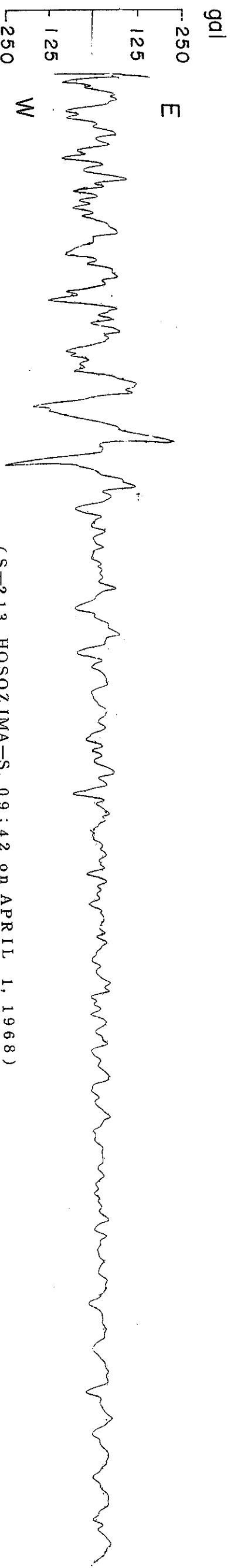
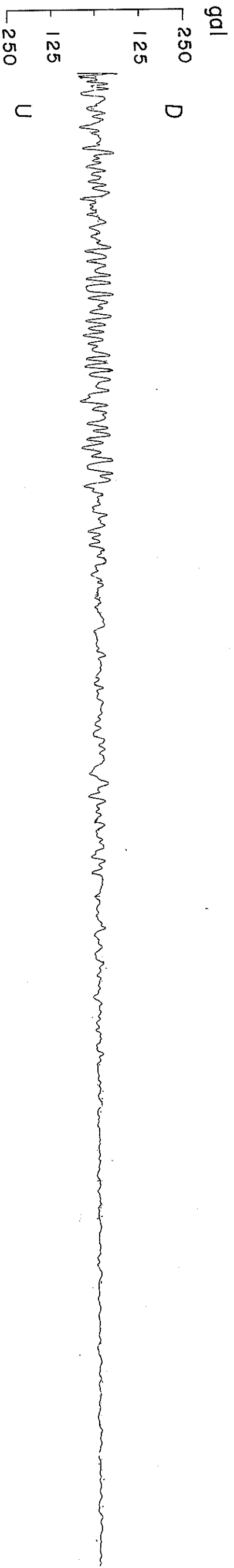
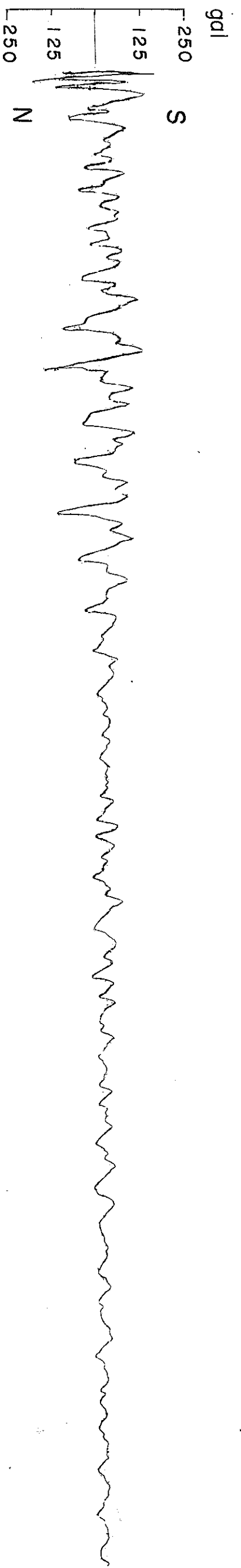
S-211 E-W

TSK=18.00

TUS=5.00

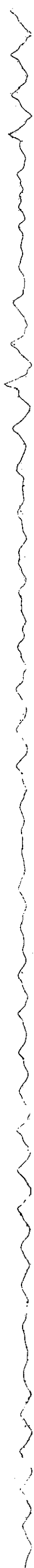


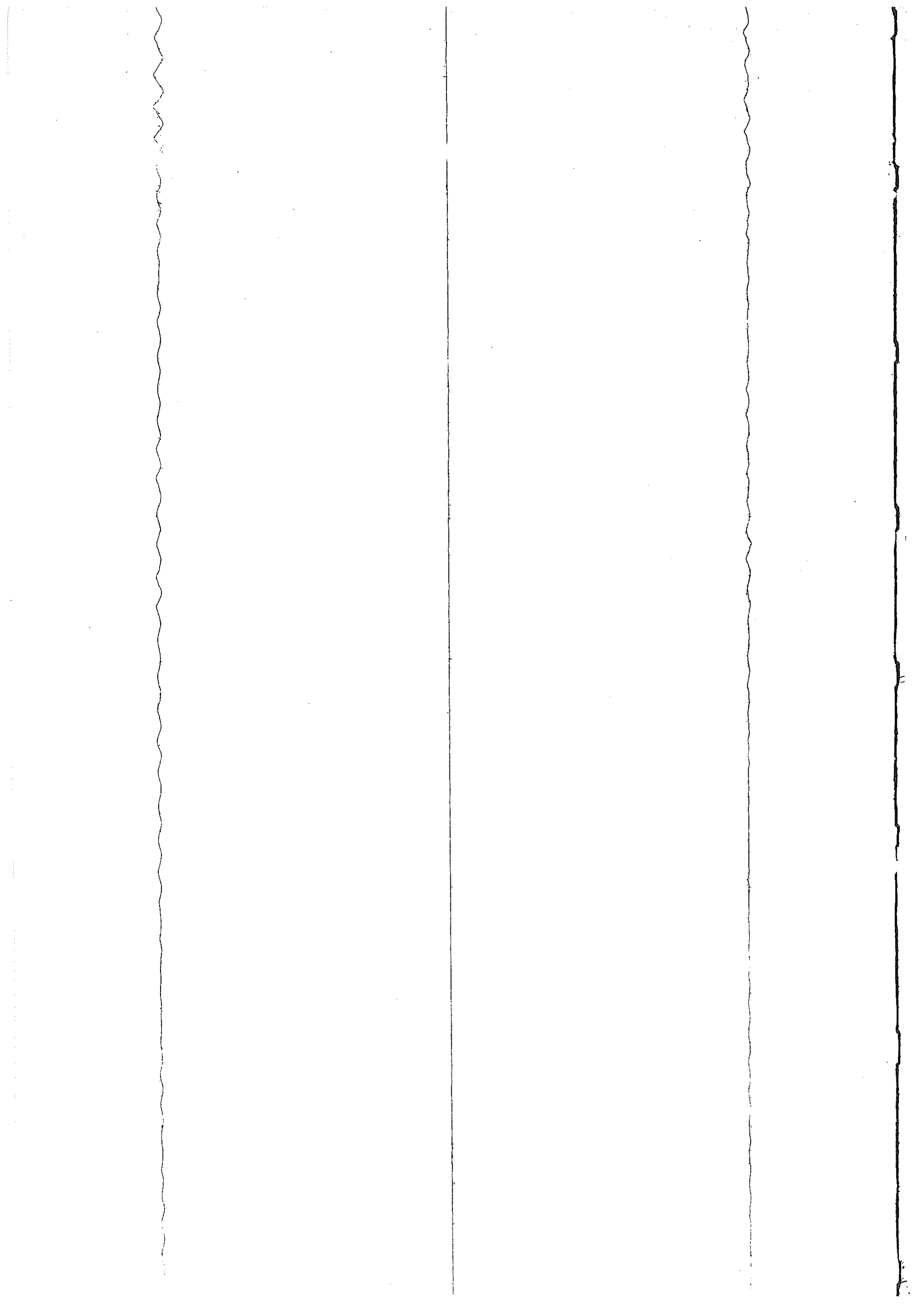
Fourier Spectrum



-111~112-

(S-213, HOSOZIMA-S, 09:42 on APRIL 1, 1968)





NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	0.00	95.45	23.49	45.60	32.54	30.14	18.60	5.09	-10.26	35.38
2	7.40	119.93	15.46	42.48	36.29	26.74	17.64	1.61	-2.38	30.17
3	36.83	126.84	3.99	37.41	38.60	25.58	15.62	-4.91	37.70	28.06
4	142.29	132.43	-22.51	36.23	38.69	24.50	11.11	-9.20	44.61	19.40
5	141.74	133.76	-30.25	35.22	37.69	22.87	9.04	-15.22	47.92	15.65
6	139.70	133.45	-33.41	32.90	37.12	21.56	8.05	-17.92	53.06	9.43
7	136.39	131.29	-41.65	28.64	36.97	20.03	7.55	-22.90	56.68	6.09
8	60.80	128.62	-55.71	23.12	37.32	18.98	6.55	-27.90	58.33	5.45
9	-17.19	126.03	-67.62	22.76	36.62	17.20	5.95	-29.12	60.54	-0.51
10	-65.19	123.94	-72.82	19.77	35.71	15.45	5.25	-30.24	62.03	-4.21
11	121.01	122.34	-78.84	19.11	35.35	14.28	4.96	-30.82	62.49	-4.85
12	112.00	119.33	-79.61	17.81	34.49	13.38	4.61	-31.01	62.54	-11.70
13	99.60	110.98	-76.48	17.65	32.77	10.09	11.24	-30.62	61.57	-18.25
14	82.95	104.05	-71.57	18.22	26.29	9.07	21.73	-26.30	59.96	-23.47
15	66.30	99.48	-66.47	19.74	7.99	7.06	24.13	-17.64	58.10	-30.92
16	43.29	96.05	-59.97	21.57	-4.17	2.87	30.34	4.51	56.85	-37.38
17	21.14	93.50	-51.03	26.63	-11.62	-14.86	35.14	7.61	55.23	-43.01
18	13.77	88.86	-42.64	31.98	-14.59	-20.96	41.30	17.24	50.58	-44.13
19	4.23	85.17	-34.61	33.27	-17.81	-29.07	44.82	20.90	44.84	-45.96
20	-8.65	82.79	-22.74	34.75	-20.98	-34.59	47.31	20.99	39.01	-49.06
21	-65.65	78.47	-7.52	35.71	-23.54	-41.00	51.62	20.99	33.57	-50.50
22	-73.39	70.72	1.77	35.34	-32.28	-46.83	54.88	21.09	32.03	-51.00
23	-85.63	61.97	14.01	34.08	-33.27	-51.56	55.61	22.18	28.90	-51.23
24	-103.33	52.71	19.83	33.17	-34.82	-53.27	55.21	23.05	25.76	-51.06
25	-116.29	45.28	24.16	32.32	-34.15	-52.79	52.13	23.91	24.05	-49.97
26	-178.78	41.19	36.60	31.94	-32.95	-44.42	49.77	28.77	20.51	-48.88
27	-182.18	38.46	45.41	31.64	-31.61	-32.49	48.82	29.56	23.43	-48.23
28	-177.59	34.70	54.04	31.15	-29.27	-24.96	47.84	29.88	23.47	-46.76
29	-138.10	32.68	62.81	29.64	-16.28	-15.77	47.11	29.80	23.95	-45.06
30	-98.61	31.70	70.90	27.09	-6.45	-6.24	46.27	29.59	25.10	-44.23
31	-59.12	29.42	73.35	25.83	50.98	1.59	45.52	28.80	27.01	-43.45
32	-19.62	22.60	77.87	21.60	61.06	9.60	44.25	27.76	30.56	-42.06
33	19.87	19.81	80.99	19.63	69.71	20.72	43.23	27.49	44.41	-40.62
34	59.36	16.15	79.94	17.53	71.58	32.99	44.20	25.14	50.72	-18.58
35	59.93	9.99	76.03	13.67	72.03	40.73	45.48	22.93	54.56	32.02
36	8.95	4.88	72.62	10.76	72.82	48.94	48.55	22.44	55.65	36.21
37	-38.15	0.00	69.62	9.48	73.37	54.56	52.54	21.03	57.38	40.95
38	-71.69	-6.74	68.82	8.97	73.73	57.73	52.98	16.99	56.53	44.84
39	-94.67	-10.72	66.49	7.58	66.87	58.28	51.17	5.55	55.71	45.89
40	-112.92	-11.40	61.99	6.38	62.26	57.90	49.71	3.55	54.31	45.83
41	-108.16	-11.48	58.69	4.75	61.01	57.66	49.01	-1.94	52.55	45.88
42	-98.27	-10.95	57.42	-4.01	58.65	56.55	47.28	-5.15	51.30	43.41
43	-82.80	-7.47	56.43	-4.42	57.07	54.43	44.87	-8.47	50.26	40.92
44	-67.34	-4.48	54.76	-6.92	53.65	49.16	42.83	-17.02	49.29	38.04
45	-51.33	-0.10	52.85	-6.02	48.41	42.50	39.06	-18.74	47.92	33.31
46	-31.72	31.47	51.42	-6.12	44.95	37.78	32.89	-23.70	46.44	26.03
47	-5.76	32.58	49.33	-6.12	42.00	35.79	28.12	-24.14	45.68	20.98
48	19.48	32.66	47.74	-5.71	36.94	32.82	19.77	-24.07	44.59	18.19
49	41.14	31.47	46.88	-3.53	34.41	29.06	17.58	-23.12	42.39	14.76
50	78.55	28.92	45.90	26.04	31.08	21.55	8.75	-19.10	19.31	12.92

RECORD=S-213 COMPONENT=S SIGNAL=GR.ACC. CORRECTION=ZFR0.ARC STATION=HOSO.IIWA-S
 DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL= 0.040(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=12100

RECORDS=213
 DATE AND TIME=1948-04-01-00-42
 COMPONENT=N-S
 SIGNAL=GR.ACC.
 CORRECTION=ZERO.ARC
 STATION=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	9.44	16.56	42.95	44.82	0.62	16.83	-52.71	53.89	-13.79	37.95
2	9.57	9.25	42.85	38.09	-0.18	17.92	-52.79	51.56	-8.75	39.65
3	16.78	4.06	42.67	32.42	-0.58	18.97	-52.79	48.54	-5.38	42.57
4	12.27	-2.52	42.54	29.33	-0.58	31.21	-51.77	46.23	-1.01	44.94
5	14.86	-8.57	43.25	27.82	-0.58	38.96	-49.58	44.49	3.70	48.39
6	17.49	-11.80	45.34	22.88	-0.59	79.76	-46.71	43.13	6.01	55.86
7	19.64	-17.84	51.82	17.17	-0.29	79.61	-42.15	42.15	8.73	60.84
8	20.55	-25.38	57.60	12.32	0.71	78.65	-33.96	40.78	10.93	65.48
9	25.52	-28.14	59.42	2.25	3.01	76.65	-18.57	39.28	12.39	68.86
10	31.25	-29.22	60.23	-8.84	4.62	74.59	-12.92	38.25	12.36	71.60
11	36.36	-31.16	59.32	-21.46	5.95	71.85	-5.20	37.86	11.47	74.51
12	40.50	-35.78	57.78	-33.60	11.81	58.95	11.81	37.82	10.73	75.73
13	64.17	-38.07	55.85	-45.27	32.99	59.31	22.72	37.04	8.36	75.73
14	75.90	-39.83	52.90	-55.19	42.16	54.50	31.57	36.92	6.96	75.73
15	99.03	-40.24	49.77	-66.11	57.74	51.09	39.83	36.52	5.27	75.28
16	105.52	-40.84	46.95	-72.28	65.36	46.30	51.77	35.43	3.98	73.25
17	107.75	-41.46	44.98	-80.04	76.44	47.22	60.84	32.96	3.18	70.94
18	109.64	-42.20	43.96	-82.63	82.87	39.89	70.30	31.86	2.28	69.80
19	105.05	-43.03	42.98	-86.90	90.64	36.11	80.90	31.03	1.48	67.04
20	100.02	-43.92	42.07	-95.26	92.50	31.11	85.59	29.89	1.48	63.87
21	99.05	-44.21	40.81	-99.27	89.89	26.25	91.57	27.61	1.47	61.03
22	95.53	-44.20	48.89	-111.96	86.30	20.38	94.80	22.51	1.47	59.29
23	93.69	-44.85	54.86	-127.42	83.03	12.39	94.98	14.48	3.28	57.78
24	88.71	-45.42	66.71	-152.21	80.00	5.10	93.19	3.01	4.89	56.76
25	86.05	-46.31	86.74	-158.16	76.63	-1.57	90.09	-4.93	8.74	55.40
26	84.41	-47.97	99.79	-157.83	73.28	-8.38	85.67	-14.97	13.09	52.25
27	83.84	-53.66	105.25	-149.97	70.22	-16.03	81.95	-21.35	19.51	48.69
28	79.14	-68.29	106.54	-124.13	67.30	-21.02	79.97	-26.59	28.42	46.55
29	76.24	-72.41	103.55	-98.29	59.58	-26.07	77.64	-32.83	39.57	45.22
30	74.86	-82.34	114.04	-72.45	51.01	-30.29	73.56	-40.26	50.54	43.37
31	73.05	-86.62	118.60	-46.61	44.07	-31.10	70.49	-51.42	61.29	40.96
32	70.71	-86.47	119.19	-20.77	38.56	-32.64	66.36	-59.23	69.97	36.08
33	69.35	-101.27	119.19	4.95	32.73	-33.87	61.26	-68.71	72.36	26.67
34	66.57	-105.35	119.18	6.26	30.70	-35.09	55.12	-72.31	72.23	14.15
35	62.71	-104.83	118.67	9.27	28.04	-36.14	47.59	-73.63	71.06	2.89
36	60.74	-98.82	117.74	16.21	24.11	-36.63	41.23	-75.85	68.74	-6.95
37	58.16	-87.55	115.48	17.44	22.03	-37.07	38.94	-77.25	67.03	-22.09
38	56.89	-76.59	111.86	17.26	20.66	-38.09	38.17	-77.52	64.64	-32.85
39	55.71	-66.14	108.27	14.48	19.45	-39.04	37.04	-76.81	61.60	-40.38
40	53.15	-55.49	104.33	11.22	19.06	-39.99	36.96	-75.56	59.88	-46.77
41	20.49	-39.58	99.62	10.69	17.64	-41.07	38.21	-73.53	57.44	-54.01
42	48.59	-19.48	95.08	9.20	17.15	-41.81	41.90	-70.66	54.52	-64.01
43	47.32	-6.57	90.00	7.43	16.75	-42.34	44.52	-66.30	51.64	-74.40
44	46.11	3.26	84.16	7.11	16.37	-42.58	48.09	-60.12	48.73	-83.44
45	43.70	11.46	77.90	5.21	16.27	-43.66	51.62	-51.79	46.06	-93.28
46	38.92	19.73	71.78	3.22	16.26	-45.60	54.09	-44.08	44.00	-101.15
47	33.04	27.90	67.43	2.42	16.14	-45.59	56.31	-37.32	41.90	-109.07
48	29.26	33.07	61.60	1.02	15.67	-47.66	57.05	-29.61	39.41	-114.09
49	22.77	40.28	56.70	1.02	15.14	-50.30	57.02	-22.63	37.85	-121.66
50	17.72	42.79	50.76	0.62	15.24	-52.17	55.85	-17.73	37.64	-126.64

NO.	STATION=HOSOHIMA-S									
	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-129.27	46.52	-56.39	68.62	8.55	32.39	-5.96	17.20	4.34	12.74
2	-129.33	51.15	-60.25	70.07	7.85	31.70	-7.36	17.19	3.83	11.55
3	-128.11	54.94	-62.78	70.37	6.65	30.58	-8.06	17.26	-0.16	10.14
4	-125.65	57.87	-66.22	71.18	6.06	30.37	-8.86	18.21	8.36	8.36
5	-122.34	63.76	-66.91	70.81	5.65	29.80	-9.39	18.45	-1.57	6.87
6	-118.93	68.68	-67.32	70.72	4.65	29.69	-11.17	19.33	-3.87	6.28
7	-112.69	72.09	-67.53	69.37	3.65	29.16	-11.67	21.12	-4.67	5.96
8	-96.62	78.12	-67.54	67.93	1.65	28.89	-12.18	22.44	-5.28	4.17
9	-73.71	83.13	-67.54	61.05	-1.05	28.19	-12.97	22.95	-7.37	3.87
10	-50.81	86.05	-67.44	59.08	-4.05	27.10	-13.39	23.66	-7.68	2.87
11	-32.38	86.19	-66.31	58.14	-6.07	26.29	-14.21	25.10	-8.09	1.87
12	-27.64	84.90	-62.12	56.36	-8.39	24.18	-15.48	25.95	-9.30	0.27
13	-19.63	82.86	-58.33	53.85	-16.74	21.77	-17.87	26.43	-10.89	0.27
14	-13.92	79.71	-54.22	51.09	-21.76	19.69	-19.53	27.04	-11.48	1.07
15	-9.09	77.56	-47.07	48.74	-26.90	18.52	-21.77	29.14	-11.70	2.87
16	-6.90	73.84	-36.77	46.46	-31.20	17.52	-25.46	29.88	-12.60	4.67
17	-4.13	69.40	-24.52	44.05	-35.28	16.43	-26.07	29.88	-13.29	6.35
18	-2.15	65.73	-12.85	41.70	-40.03	13.72	-25.84	29.99	-13.54	13.61
19	3.77	60.28	-2.24	39.08	-45.41	12.04	-24.10	30.46	-14.82	18.28
20	6.83	54.10	6.48	34.26	-45.41	10.67	-21.22	30.35	-14.50	18.57
21	13.41	49.09	9.53	25.58	-46.37	10.17	-18.92	30.18	-8.75	20.06
22	20.60	46.63	13.27	24.84	-47.10	9.56	-14.70	29.66	-5.57	21.16
23	31.48	44.75	13.75	24.23	-47.26	8.45	0.33	29.10	-5.37	22.08
24	36.00	42.57	13.72	22.22	-47.31	6.47	2.43	28.75	-2.29	22.28
25	42.71	41.76	13.15	20.64	-46.01	5.57	5.24	28.62	-1.29	22.46
26	48.19	40.24	13.12	18.99	-42.44	4.57	7.24	28.37	-0.89	22.43
27	52.86	37.42	12.54	17.68	-36.85	3.57	9.18	28.33	-0.99	22.25
28	54.61	33.86	12.53	16.00	-26.41	2.18	12.21	28.08	-1.59	22.22
29	54.75	32.33	12.04	14.32	-24.93	1.57	15.13	27.52	-1.59	21.91
30	53.59	30.27	11.94	12.72	2.44	0.37	17.43	26.63	-2.09	21.50
31	51.76	28.11	11.74	10.95	12.09	-1.33	20.96	25.42	-2.79	20.98
32	49.84	25.33	11.71	9.68	20.72	-1.73	26.86	22.63	-2.29	20.38
33	47.41	19.72	10.84	9.68	27.38	-2.93	31.10	22.26	9.10	20.10
34	44.90	15.68	10.83	9.68	32.39	-3.03	34.75	21.21	1.10	19.47
35	42.94	11.91	10.64	9.66	34.90	-3.03	38.54	18.82	2.60	18.53
36	40.92	12.85	10.63	8.67	36.70	-1.33	40.31	18.32	3.70	18.30
37	38.42	8.72	10.63	8.08	37.27	-1.48	40.10	17.69	4.30	17.74
38	35.66	4.77	10.71	7.88	37.65	0.27	38.81	15.41	5.50	17.76
39	32.52	0.99	13.74	7.88	37.72	1.26	36.51	14.51	6.20	18.05
40	30.20	-2.72	16.38	7.87	37.72	2.26	35.24	13.59	6.41	18.15
41	27.29	-8.56	17.44	7.87	37.69	2.66	34.08	12.04	8.30	18.19
42	23.56	-11.36	21.23	7.98	37.38	2.16	32.38	11.53	8.91	17.49
43	21.37	-16.72	29.56	8.80	36.76	1.66	30.62	10.82	10.00	16.68
44	20.71	-20.38	35.46	10.58	36.56	0.56	29.16	9.73	10.51	15.65
45	20.45	-25.80	42.73	10.99	36.36	-0.94	27.43	8.94	11.12	14.10
46	20.74	-30.92	48.48	11.87	36.05	-2.24	26.21	8.32	12.32	13.30
47	23.19	-33.55	55.51	11.86	35.50	-4.55	24.20	6.44	13.39	12.50
48	27.69	-37.18	60.44	11.63	35.08	-4.55	21.84	6.04	13.50	11.30
49	34.66	-44.04	64.59	10.54	34.43	-4.55	19.44	5.54	13.90	10.31
50	42.42	-50.90	66.53	9.64	33.35	-5.35	17.57	4.74	14.22	9.31

RECORD=S-213
DATE AND TIME=1968-04-01-09-42
COMPONENT=N-S
SIGNAL=GR.ACC.
CORRECTION=ZERO.ARC
TOTAL NUMBER OF DATA=12190
SAMPLING INTERVAL= 0.010(SEC)
FORMAT NO.=301

RECORD=S-24.3
DATE AND TIME=1968-04-01-09-42
COMPONENT=N-S
SIGNAL=GR.ACC.
CORRECTION=ZERO.ARC
TOTAL NUMBER OF DATA=12100

STATION=HOSOJIMA-S
TOTAL NUMBER OF DATA=12100

SAMPLING INTERVAL= 0.010 (SEC)
FORMAT NO.=301

NO.	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)
1	8.21	-2.13	9.58	0.06	-13.57	21.17	8.09	21.66	22.12	2.73
2	7.31	-3.63	12.74	5.94	-12.84	23.57	7.88	21.89	22.49	4.33
3	6.22	-3.93	13.31	17.31	-11.24	26.29	7.28	22.49	22.50	5.35
4	5.42	-4.43	13.19	24.45	-11.67	28.61	5.87	22.97	21.86	4.58
5	4.82	-4.74	12.50	28.60	-1.20	30.83	3.79	23.28	21.50	12.56
6	3.92	-5.64	12.08	29.38	6.10	33.02	3.89	23.58	19.79	16.74
7	3.32	-6.24	11.17	30.09	18.09	34.22	3.69	23.01	18.79	14.31
8	1.42	-6.94	9.59	30.88	23.24	34.91	3.79	21.11	17.75	16.28
9	-0.03	-6.94	8.60	31.50	34.40	34.39	3.89	19.78	17.34	17.25
10	-0.68	-7.34	8.10	30.45	38.90	33.84	5.68	18.10	15.53	17.85
11	-1.58	-7.75	7.82	29.90	41.42	33.16	5.88	17.63	12.80	19.48
12	-1.68	-8.35	9.36	29.03	42.97	31.94	5.37	16.30	10.89	21.89
13	0.11	-8.95	12.17	27.91	43.69	31.41	3.67	15.75	7.85	23.79
14	2.22	-9.43	14.15	26.80	43.60	29.31	1.58	14.29	6.36	26.74
15	5.03	-8.93	15.33	24.07	43.69	28.56	0.48	13.48	5.26	28.34
16	7.73	-7.91	15.77	21.98	43.45	27.33	-0.02	12.25	4.36	30.26
17	10.90	-5.33	15.16	20.43	42.66	24.76	-3.32	10.12	3.86	32.15
18	18.24	-2.14	14.36	19.19	41.76	21.57	-3.53	10.16	3.66	34.18
19	18.67	0.85	13.50	18.45	40.85	21.03	-4.73	11.93	2.86	36.11
20	19.51	2.15	11.16	17.25	39.26	20.93	-5.94	15.71	3.09	37.62
21	19.51	2.75	9.77	15.79	37.50	19.97	-7.76	17.45	-0.54	38.55
22	19.46	3.55	8.39	13.04	35.60	19.22	-10.06	18.23	-2.14	39.50
23	19.00	4.25	7.99	10.51	33.06	17.83	-16.03	22.48	-3.45	39.90
24	19.00	5.25	7.79	9.63	31.30	16.27	-17.79	27.02	-4.86	40.16
25	19.00	5.75	8.13	9.12	29.52	11.97	-18.52	30.10	-7.28	40.27
26	18.96	6.25	10.94	8.32	27.65	10.38	-19.75	35.92	-8.67	40.40
27	18.48	6.78	12.94	7.32	25.07	8.49	-20.06	42.05	-9.93	40.40
28	18.15	10.17	14.40	6.13	18.90	6.60	-21.43	44.15	-13.95	40.26
29	17.20	11.36	14.56	6.13	13.98	3.01	-22.42	48.65	-15.04	39.39
30	15.66	12.16	14.07	6.44	5.05	3.01	-23.07	53.24	-19.44	38.56
31	13.22	12.76	13.64	7.53	0.57	1.42	-22.42	55.62	-22.23	39.46
32	11.26	13.44	12.51	7.51	-1.38	-0.09	-21.12	57.00	-25.84	38.93
33	10.19	13.44	10.35	6.01	-7.88	-0.99	-17.58	57.73	-28.88	38.27
34	10.09	13.44	9.13	3.52	-11.88	-1.99	-10.94	57.90	-31.49	37.93
35	10.19	13.41	6.17	3.52	-13.45	-1.79	-7.00	57.63	-34.21	37.73
36	10.19	12.82	5.57	2.12	-13.85	3.51	-2.44	56.50	-37.23	37.23
37	10.19	12.32	5.17	1.12	-14.31	3.51	0.65	54.56	-42.43	35.94
38	10.19	11.92	3.97	1.12	-15.92	3.91	1.85	52.61	-43.44	34.02
39	10.18	11.41	1.97	-17.41	-17.41	5.52	3.45	51.62	-44.03	31.27
40	10.08	10.72	0.17	-18.86	-16.96	7.15	4.55	50.20	-44.69	29.53
41	9.78	10.32	-0.33	-15.44	-15.44	11.42	4.55	47.64	-45.39	27.76
42	8.57	9.80	-1.13	-9.89	-9.85	15.52	4.55	45.13	-45.61	27.98
43	7.86	8.72	-2.53	-6.40	-5.30	15.90	5.45	42.72	-45.62	26.71
44	6.47	8.12	-3.73	-8.20	1.76	15.79	5.35	39.24	-41.04	24.75
45	5.67	7.51	-4.44	-0.21	5.16	13.84	5.35	34.70	-32.00	21.76
46	4.27	6.82	-5.44	-10.42	5.77	12.49	6.17	30.88	-25.62	21.52
47	2.28	6.52	-5.84	-11.81	8.03	12.19	9.97	28.69	-15.97	20.86
48	1.28	6.42	-6.33	-12.43	13.29	11.98	15.95	25.06	-9.13	19.66
49	0.17	6.13	-13.59	16.65	11.52	17.94	19.94	24.11	-7.14	18.32
50	-1.73	7.74	-13.59	18.54	8.93	19.94	19.94	22.79	-5.01	17.44

STATION=HOSOJIMA-S
TOTAL NUMBER OF DATA=12100

CORRECTION=ZERO ARC
FORMAT NO.=301

SIGNAL=GR.ACC.
INTERVAL= 0.010(SEC)

COMPONENT=N-S
SAMPLING INTERVAL=0.01-09-42

RECORD=5-213
DATE AND TIME=1968-04-01-09-42

NO.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	16.04	-26.09	-3.72	-5.10	17.98	8.11	1.94	15.56	14.39	15.65
2	13.85	-25.80	3.37	-5.50	16.98	9.50	5.35	15.13	11.49	15.23
3	13.34	-23.88	7.46	-5.50	15.91	10.02	8.21	14.12	10.28	14.81
4	10.11	-22.31	16.36	-5.60	15.32	11.42	13.49	12.85	9.50	13.23
5	7.74	-21.34	24.10	-5.60	14.92	12.71	17.65	11.96	7.80	12.20
6	5.55	-17.82	29.77	-5.50	14.51	13.41	22.48	11.37	5.91	10.23
7	3.67	-13.83	32.41	-5.50	14.24	14.11	25.73	11.27	5.31	8.86
8	5.08	-7.63	36.19	-5.19	14.26	14.78	28.23	11.27	3.91	8.56
9	7.71	-2.29	38.57	-2.80	14.73	14.78	28.76	11.29	2.31	8.56
10	11.70	4.43	39.05	1.09	14.49	14.78	28.93	12.09	0.51	8.57
11	13.06	9.73	38.85	2.79	13.50	14.78	28.84	12.69	-0.59	9.57
12	15.76	15.82	37.89	3.39	12.46	14.78	28.25	13.27	-1.19	10.27
13	17.79	20.01	35.21	4.39	10.10	14.78	26.96	13.27	-1.59	11.07
14	20.00	23.05	30.92	5.29	8.51	14.74	24.05	13.27	-3.19	15.27
15	24.15	29.67	29.61	5.28	6.92	14.06	21.34	13.26	-4.60	17.71
16	27.85	31.78	29.12	4.78	5.73	13.66	20.46	13.25	-6.00	20.23
17	28.98	32.10	27.32	3.68	5.52	13.24	18.71	12.76	-6.60	23.57
18	29.65	32.01	25.13	2.98	5.63	12.44	17.26	12.55	-7.50	26.98
19	30.29	31.61	21.46	1.88	5.73	11.47	14.99	12.14	-8.32	28.95
20	31.25	30.97	17.97	-0.42	5.33	11.23	14.33	11.85	-10.03	30.10
21	31.17	29.38	16.85	-1.82	5.33	9.75	12.38	10.92	-11.45	31.66
22	30.61	27.62	13.94	-2.72	-0.48	8.66	11.37	9.36	-13.44	33.94
23	29.65	25.55	11.78	-2.92	-1.48	7.86	9.97	9.25	-14.60	35.52
24	29.21	24.45	9.99	-2.92	-2.48	7.46	8.00	9.16	-14.66	36.72
25	26.98	22.65	8.03	-2.92	-4.38	7.16	7.39	9.36	-15.83	37.20
26	25.16	21.31	7.62	-2.92	-5.39	6.76	5.80	9.06	-16.40	37.34
27	22.57	19.67	7.03	-2.42	-6.40	6.66	4.60	9.66	-16.40	37.31
28	21.00	19.45	6.82	0.37	-8.29	6.66	2.80	10.88	-16.39	37.00
29	19.60	18.98	5.63	3.27	-8.79	6.66	1.40	11.30	-15.97	35.94
30	17.01	17.68	5.42	4.08	-9.40	6.66	1.00	13.32	-15.29	33.90
31	17.41	17.55	4.62	6.31	-9.99	6.66	0.50	15.34	-15.01	31.55
32	15.53	15.59	4.22	11.59	-9.98	6.66	-0.60	17.18	-15.09	30.91
33	13.52	13.85	3.82	15.76	-9.68	6.64	-2.60	19.41	-14.57	29.34
34	10.66	13.12	2.82	17.63	-9.08	5.45	-4.00	21.54	-7.06	27.90
35	7.71	11.67	2.32	20.46	-8.28	4.05	-4.20	24.60	-2.41	26.92
36	5.73	11.43	1.92	26.04	-7.58	2.45	-4.51	27.17	2.07	25.10
37	4.92	9.65	1.82	29.54	-6.68	1.55	-6.31	28.08	2.59	24.17
38	3.62	8.66	1.82	30.05	-5.48	0.95	-6.51	28.24	2.98	23.69
39	1.13	7.65	-0.58	31.03	-3.49	0.45	-6.50	29.24	3.58	23.33
40	-2.28	5.66	-1.38	31.66	-1.79	-0.55	-6.10	29.24	4.38	22.49
41	-5.23	3.96	-2.39	31.66	1.20	-1.15	-4.59	29.24	5.20	21.25
42	-6.99	1.67	-3.49	31.51	3.00	-2.56	0.29	29.07	7.99	20.44
43	-8.22	-1.23	-3.59	30.75	3.40	-4.16	4.70	27.26	9.81	19.46
44	-11.46	-4.04	-3.59	29.51	3.40	-5.66	7.14	21.60	11.07	17.56
45	-14.46	-6.24	-3.59	27.14	3.40	-6.26	11.56	21.18	14.66	15.66
46	-16.29	-7.14	-3.59	24.74	3.40	-6.46	14.23	19.66	16.37	15.12
47	-18.31	-7.94	-3.49	23.17	3.70	-6.46	15.30	18.84	15.37	13.18
48	-20.17	-7.93	-3.59	21.65	4.40	-6.45	15.58	17.69	16.37	12.18
49	-22.44	-7.43	-3.90	20.66	5.41	-5.04	15.58	17.02	15.37	10.99
50	-25.13	-6.52	-4.30	19.61	7.40	-1.26	15.58	15.29	16.33	10.19

RECORD=S-213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=N-S
 SIGNAL=GR.AGC.
 CORRECTION=ZERO.ARC
 STATION=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

NO.	(2500)	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)
1	9.20	23.25	-6.80	12.68	-1.01	25.71	-2.72	20.91	-13.54	15.34
2	8.19	26.59	-7.20	13.56	-1.01	26.31	-4.82	20.81	-13.83	15.93
3	6.40	28.61	-7.61	13.99	-1.31	23.76	-4.82	20.72	-13.55	16.21
4	4.60	30.45	-6.42	14.97	-1.81	22.40	-4.82	20.73	-13.94	16.23
5	2.91	30.67	-9.52	15.58	-3.01	21.25	-4.83	20.83	-13.99	16.61
6	1.21	31.68	-10.42	16.34	-3.12	20.44	-4.83	20.96	-15.16	16.75
7	-0.39	32.28	-11.02	16.35	-4.32	19.43	-4.83	21.55	-15.52	17.44
8	-1.80	32.77	-11.62	16.56	-4.52	18.23	-4.53	22.93	-15.11	17.90
9	-2.80	33.11	-12.01	16.84	-4.82	16.81	-4.53	24.73	-14.30	17.90
10	-4.30	34.07	-12.01	16.93	-4.93	14.94	-4.53	25.60	-9.11	17.76
11	-5.20	34.45	-12.01	16.79	-6.13	13.24	-3.93	26.17	-7.14	17.16
12	-6.41	34.44	-11.99	16.11	-7.14	11.08	-3.83	26.66	-6.73	16.57
13	-7.51	34.29	-11.29	15.59	-8.94	9.59	-3.93	27.57	-4.84	16.06
14	-8.71	33.67	-10.38	14.75	-9.95	7.89	-3.84	27.91	-3.24	15.38
15	-9.53	32.91	-9.00	13.09	-10.98	5.91	-3.74	27.91	0.65	15.08
16	-10.74	31.59	-8.30	12.02	-12.96	4.71	-3.74	27.91	1.85	14.67
17	-12.22	29.36	-7.61	11.63	-13.97	3.12	-3.54	27.83	2.25	14.14
18	-12.73	28.30	-7.21	11.73	-14.96	2.52	-3.14	27.04	3.05	12.95
19	-13.55	26.98	-6.82	11.73	-15.57	2.31	-2.84	26.59	4.45	11.66
20	-14.56	25.91	-6.61	11.72	-16.23	2.11	-1.24	25.19	5.45	10.67
21	-15.68	24.35	-6.11	11.76	-16.23	0.91	-0.44	23.58	6.45	9.68
22	-17.07	22.84	-4.82	12.98	-16.22	-0.89	-0.04	21.62	6.64	9.39
23	-17.93	21.27	-4.12	14.44	-16.02	-1.89	0.75	18.96	5.64	9.39
24	-18.11	20.52	-3.52	14.92	-15.81	-3.09	1.25	17.26	5.64	9.31
25	-17.86	19.22	-3.12	14.92	-15.10	-3.09	1.95	16.59	6.64	5.18
26	-15.69	17.83	-2.92	14.92	-18.49	-3.09	2.85	14.84	6.64	4.08
27	-13.34	16.35	-2.22	14.92	-5.50	-3.80	2.75	13.74	6.63	2.28
28	-11.38	15.10	0.57	14.92	0.56	-4.40	2.95	12.34	6.13	0.48
29	-10.20	14.47	0.97	14.91	3.67	-5.01	4.15	10.66	5.84	0.28
30	-9.52	13.25	1.57	14.91	6.90	-6.91	4.55	9.38	5.74	-0.92
31	-9.52	11.40	2.27	14.91	10.71	-8.01	4.75	8.78	5.73	-1.52
32	-9.53	10.62	2.77	14.80	12.72	-8.90	5.76	7.97	5.74	-2.32
33	-10.14	10.52	3.27	14.56	14.46	-9.10	7.78	6.78	6.13	-2.52
34	-10.74	10.62	4.17	13.39	14.55	-9.08	10.79	5.58	6.43	-2.52
35	-11.56	10.62	4.96	12.89	14.55	-8.10	12.64	4.78	6.65	-1.62
36	-12.74	10.62	4.96	12.49	14.55	-8.09	12.76	3.18	8.44	2.38
37	-13.03	10.48	4.96	12.00	14.55	-7.08	13.26	2.08	9.45	4.57
38	-13.02	9.10	4.96	11.70	14.55	-4.60	13.96	1.28	10.46	5.28
39	-12.90	8.10	4.96	11.50	14.56	-3.70	14.64	-0.02	11.73	6.29
40	-12.13	7.09	4.96	11.43	14.91	-1.21	16.84	-1.72	11.94	8.40
41	-8.90	5.20	4.96	8.94	16.17	0.89	18.65	-3.22	12.46	10.18
42	-7.09	3.41	6.36	5.20	16.54	1.59	20.20	-4.72	15.44	10.56
43	-3.22	2.11	6.45	4.49	16.54	2.09	20.95	-5.13	14.05	10.42
44	1.37	0.51	6.35	3.20	16.70	2.09	21.13	-7.13	14.63	8.43
45	5.68	-0.99	6.45	2.60	19.47	2.09	21.13	-7.94	14.92	6.05
46	8.54	-1.29	6.56	2.20	23.43	2.08	21.13	-9.14	15.02	4.66
47	13.74	-2.39	7.78	1.39	24.92	1.58	21.11	-9.95	15.02	4.46
48	15.75	-2.90	9.77	0.79	25.48	0.78	20.93	-11.17	15.01	3.86
49	17.54	-4.60	10.88	-0.01	25.74	0.02	20.93	-12.74	15.01	3.36
50	20.31	-6.20	11.97	-0.41	25.74	-0.72	20.92	-15.15	15.03	2.65

NO.	(3000)	(3050)	(3100)	(3150)	(3200)	(3250)	(3300)	(3350)	(3400)	(3450)
1	0.86	11.57	8.48	6.23	18.12	5.60	14.72	-4.51	9.21	-3.94
2	-2.05	10.50	10.52	6.21	19.47	3.91	15.21	-4.52	10.48	-4.94
3	-2.95	10.35	13.96	4.22	20.01	3.80	15.50	-4.52	10.68	-4.95
4	-3.35	8.49	14.43	4.22	20.14	3.69	15.59	-4.52	10.68	-4.95
5	-3.45	7.78	14.49	3.51	21.56	2.89	15.58	-4.53	11.16	-6.82
6	-3.45	15.95	15.95	2.21	21.98	1.79	15.66	-5.93	11.16	-8.86
7	-4.05	5.69	16.42	2.21	21.79	-0.11	16.97	-6.24	11.19	-8.88
8	-4.65	4.49	16.41	1.80	21.67	-0.92	16.97	-6.44	12.58	-10.57
9	-4.65	4.38	16.50	-0.70	21.34	-2.22	16.97	-6.45	13.14	-10.87
10	-4.65	2.10	17.89	-1.81	19.97	-4.13	16.96	-6.45	13.14	-10.87
11	-4.65	0.39	17.70	-2.51	19.82	-4.14	16.96	-6.45	13.13	-10.88
12	-4.45	-0.01	17.59	-3.71	19.08	-5.84	16.95	-6.46	13.19	-10.87
13	-5.65	-0.21	17.42	-3.72	17.92	-6.04	16.96	-6.16	14.44	-10.26
14	-2.66	-0.21	16.39	-4.83	17.18	-6.05	17.04	-5.97	14.43	-8.57
15	-1.36	-1.52	16.39	-5.83	15.96	-7.65	17.07	-5.67	14.86	-6.78
16	-1.06	-1.52	16.38	-5.64	15.96	-8.05	17.54	-5.67	15.01	-4.99
17	-0.46	-1.82	16.37	-7.45	15.95	-8.08	17.53	-4.58	15.01	-3.10
18	0.14	-2.22	16.26	-8.75	15.95	-9.86	17.53	-4.58	14.99	0.90
19	0.84	-3.42	16.06	-9.64	15.95	-10.09	17.52	-4.59	14.78	2.90
20	1.34	-3.42	15.96	-9.65	15.94	-11.28	17.52	-4.59	14.33	4.92
21	2.23	-3.42	15.96	-9.65	16.02	-11.77	17.51	-2.90	13.09	8.97
22	2.94	-3.43	15.94	-9.62	17.37	-11.67	17.50	-1.40	13.08	12.96
23	5.34	-5.03	15.74	-7.55	17.93	-11.47	17.28	1.30	12.76	14.98
24	6.74	-5.32	15.49	-6.75	17.92	-11.16	16.81	1.29	12.14	17.12
25	7.64	-5.22	14.34	-5.67	17.92	-9.98	15.50	2.89	11.07	20.62
26	8.53	-4.52	14.34	-5.56	17.86	-9.55	15.48	3.31	10.76	23.36
27	8.63	-3.43	14.33	-3.78	17.03	-7.17	15.16	11.32	10.35	26.77
28	8.63	-3.43	14.23	-3.78	15.91	-4.19	14.62	12.60	9.09	26.85
29	8.62	-3.43	14.12	-1.88	15.86	-0.51	13.48	13.27	10.18	26.85
30	8.64	-3.43	14.01	1.91	15.13	1.69	13.46	13.53	10.86	26.84
31	9.73	-1.93	13.82	2.11	13.90	3.48	12.96	14.77	11.11	25.69
32	10.13	-1.53	13.81	3.40	13.80	3.69	12.53	14.93	12.85	25.76
33	10.55	2.27	13.71	4.01	11.87	5.18	11.46	14.30	13.10	24.56
34	11.82	3.87	13.70	6.11	11.34	5.69	11.45	13.21	14.27	22.67
35	11.82	4.47	13.72	7.89	9.74	7.37	11.24	12.50	13.03	20.73
36	11.92	5.66	14.11	7.89	7.86	7.66	10.66	11.08	13.03	19.80
37	12.02	6.06	14.29	7.98	7.15	7.66	7.52	12.99	12.99	18.56
38	12.11	6.46	14.29	8.08	5.86	7.65	5.53	7.23	12.00	16.90
39	12.11	6.46	14.35	8.07	5.56	7.65	4.53	7.22	10.80	16.78
40	12.16	6.16	15.68	8.07	5.66	7.65	3.83	7.00	8.87	16.49
41	13.71	6.05	15.79	8.09	5.35	7.64	5.22	5.22	5.11	16.28
42	13.71	5.95	16.04	9.67	5.35	7.66	1.33	5.21	4.90	16.08
43	13.74	5.55	16.26	10.06	5.34	9.44	0.62	5.22	4.09	15.89
44	14.51	4.45	16.05	10.09	5.34	9.66	-0.58	6.41	2.99	15.82
45	14.48	4.45	15.47	11.85	5.34	11.24	7.00	7.00	2.29	14.78
46	13.91	4.46	10.24	12.10	5.33	11.67	-1.09	7.20	0.99	14.78
47	13.85	5.65	9.52	13.85	5.33	13.04	-3.30	7.22	0.08	14.74
48	12.50	6.25	8.25	14.03	5.42	13.67	-4.50	8.80	-1.12	14.20
49	12.38	6.46	8.24	14.12	5.42	14.94	-4.50	9.19	-1.93	12.85
50	11.80	7.75	7.82	16.14	5.61	13.65	-4.51	9.18	-3.03	12.58

RECORDS=213
DATE AND TIME=1968-04-01-09-42
COMPONENT=N-S
SAMPLING INTERVAL=0.010(SEC)
CORRECTION=ZERO,ARC
FORMAT NO.=301
STATION=HOSOJIMA-S
TOTAL NUMBER OF DATA=12100

NO.	(3500)	(3550)	(3600)	(3650)	(3700)	(3750)	(3800)	(3850)	(3900)	(3950)
1	10.85	4.24	10.41	4.13	-7.20	7.70	-1.01	12.32	-6.84	14.73
2	10.74	4.24	9.73	5.94	-7.91	7.69	-1.02	11.25	-6.83	12.94
3	10.30	4.23	6.32	7.56	-9.70	7.69	-1.02	10.61	-4.94	12.84
4	8.74	4.23	5.80	9.91	-9.92	7.68	-1.03	8.89	-4.95	12.70
5	8.72	4.23	4.30	10.23	-10.93	7.68	-1.03	6.34	-2.95	11.98
6	8.01	4.22	2.31	14.21	-11.91	7.68	-0.73	4.95	-1.16	10.83
7	6.72	4.52	1.40	16.23	-11.92	7.67	-0.54	10.70	-0.96	10.70
8	6.21	4.51	-0.60	18.42	-11.92	7.67	-0.54	9.89	-0.97	9.89
9	4.72	4.52	-1.90	22.15	-11.92	7.66	-0.55	3.24	0.33	8.79
10	4.21	5.71	-2.11	24.65	-11.77	7.66	1.45	2.93	1.03	7.89
11	2.71	6.20	-2.61	28.30	-9.02	7.45	1.45	2.43	1.03	6.77
12	2.50	6.50	-3.71	30.07	-7.92	7.34	2.84	1.22	2.82	4.80
13	0.70	6.49	-3.72	30.77	-6.03	6.73	3.45	-0.78	3.02	4.69
14	0.30	6.51	-3.72	33.17	-4.14	5.64	5.25	-1.68	4.81	4.08
15	-1.31	7.99	-4.23	33.16	-2.15	5.63	6.64	-2.88	5.03	2.79
16	-2.11	8.38	-4.43	33.16	-0.15	5.13	7.42	-2.69	6.80	2.68
17	-3.32	8.48	-4.64	32.87	-0.16	4.72	7.46	-4.79	7.00	0.78
18	-5.22	8.47	-4.64	31.57	1.84	3.63	9.41	-4.80	7.03	-0.12
19	-5.23	8.46	-4.64	30.02	1.84	3.62	9.46	-5.20	9.02	-2.12
20	-6.53	8.15	-4.65	28.54	3.53	3.51	11.12	-6.71	10.21	-5.75
21	-7.13	7.64	-4.65	27.92	3.84	2.91	11.40	-6.72	10.98	-5.23
22	-7.13	6.45	-4.66	27.02	5.62	1.61	11.47	-8.22	11.05	-7.14
23	-7.14	6.44	-4.66	24.82	5.84	1.60	13.11	-8.62	12.88	-7.15
24	-7.14	5.73	-4.67	22.97	7.42	0.70	13.39	-8.62	12.97	-8.75
25	-7.15	4.44	-5.67	21.70	7.81	-0.40	13.38	-8.63	12.96	-9.07
26	-7.14	3.94	-5.68	19.92	7.83	-0.51	13.38	-8.63	13.06	-11.08
27	-6.25	3.73	-5.68	18.84	9.31	-0.71	13.38	-8.63	14.95	-12.56
28	-5.25	2.43	-6.99	16.10	9.79	-0.72	13.37	-8.64	15.08	-12.87
29	-1.36	2.32	-7.59	16.00	9.84	-0.72	13.36	-8.64	16.95	-13.09
30	0.43	2.12	-7.59	15.84	11.59	-0.72	13.16	-8.34	16.94	-14.29
31	0.63	2.12	-7.60	15.00	11.78	-0.43	13.15	-7.84	17.10	-14.98
32	0.62	2.41	-7.60	13.50	11.78	-0.44	13.06	-6.76	18.93	-15.13
33	2.22	2.41	-7.60	11.81	11.82	-0.44	13.07	-6.75	18.93	-16.60
34	2.21	4.42	-7.61	9.97	12.99	-0.44	13.35	-8.86	18.92	-17.09
35	2.21	6.43	-7.61	9.44	13.48	0.75	13.34	-2.97	18.92	-17.09
36	2.21	8.43	-7.61	7.95	13.66	0.85	13.34	-2.87	18.92	-17.10
37	2.20	10.25	-6.91	7.05	13.66	1.15	13.33	-2.88	18.91	-17.10
38	2.20	12.19	-5.72	5.96	13.66	1.24	13.40	-2.88	18.91	-17.10
39	2.19	12.38	-5.72	5.34	13.65	1.34	14.73	-2.89	18.89	-16.89
40	2.19	12.42	-4.13	3.95	13.64	1.33	14.84	-2.99	18.73	-14.13
41	2.19	13.49	-3.84	3.05	13.60	1.33	15.12	-3.19	18.00	-11.20
42	2.28	13.79	-2.14	1.94	12.78	1.32	15.12	-3.40	16.98	-10.19
43	2.48	14.18	-1.85	1.14	11.73	1.32	15.22	-4.90	16.87	-7.22
44	2.57	14.36	-0.45	-0.06	11.60	1.32	15.29	-5.01	16.66	-7.21
45	2.57	14.36	-0.05	-0.97	10.78	1.31	15.09	-5.81	16.38	-3.53
46	2.56	14.33	0.14	-2.17	9.72	1.31	14.88	-6.82	16.36	-1.54
47	2.56	13.83	0.14	-4.07	9.71	1.00	14.58	-6.82	16.07	-1.34
48	3.86	13.39	1.43	-4.07	9.39	-0.50	14.32	-6.82	14.87	-1.35
49	4.05	12.34	2.13	-5.98	8.78	-0.61	13.27	-6.83	14.86	0.65
50	4.25	12.26	2.13	-5.99	7.70	-0.81	12.95	-6.83	14.86	0.65

RECORD=S-213
DATE AND TIME=1968-04-01-09-42

COMPONENT=N-S
SIGNAL=GR,ACC.
CORRECTION=ZFR0,ARC
TOTAL NUMBER OF DATA=12100

STATION=HORDJIMA-S
TOTAL NUMBER OF DATA=12100

NO.	(4900)	(4050)	(4100)	(4150)	(4200)	(4250)	(4300)	(4350)	(4400)	(4450)
1	0.65	1.72	6.22	-0.50	9.70	-2.92	5.41	-12.66	23.17	-10.14
2	2.64	0.43	6.23	-4.00	9.69	-4.00	7.37	-13.84	24.38	-10.95
3	2.64	0.22	7.31	-6.00	9.59	-2.92	7.40	-13.85	24.58	-9.16
4	4.43	-0.09	7.51	-6.31	9.58	-2.92	8.68	-13.85	24.77	-7.47
5	4.64	-1.59	7.51	-7.91	9.58	-3.33	9.16	-13.83	24.93	-5.28
6	6.33	-1.99	8.00	-7.92	9.57	-3.34	9.42	-12.62	24.93	-3.48
7	6.65	-2.20	8.19	-9.82	9.58	-4.44	11.24	-10.15	24.93	-3.29
8	10.67	-2.10	8.19	-9.82	9.77	-4.44	13.26	-8.75	24.92	-1.89
9	12.13	-3.01	8.18	-9.84	9.76	-4.45	14.97	-4.87	24.90	-1.49
10	12.13	-3.01	8.18	-10.84	9.76	-4.45	15.49	-2.88	24.71	-1.30
11	12.60	-3.61	8.18	-11.83	9.75	-4.46	17.52	-1.48	23.99	-1.30
12	12.59	-3.72	8.17	-11.84	9.75	-4.46	19.56	-0.88	22.80	-1.31
13	12.68	-4.12	8.17	-11.86	9.75	-4.47	21.56	-0.88	21.91	-1.31
14	14.31	-5.63	8.16	-12.95	9.74	-4.47	23.06	1.13	20.02	-1.32
15	14.66	-6.23	8.16	-12.93	9.74	-4.47	23.49	4.51	18.58	-1.32
16	15.82	-7.53	8.21	-11.87	9.73	-4.58	24.53	4.90	16.70	-1.32
17	16.39	-7.54	10.15	-12.94	9.73	-5.39	25.14	5.13	14.73	0.67
18	16.70	-7.55	10.19	-11.86	9.72	-5.39	25.30	7.12	12.82	0.67
19	18.20	-8.65	11.37	-11.85	9.72	-6.49	25.30	8.31	11.91	0.66
20	18.57	-9.35	11.95	-9.87	9.72	-6.50	25.29	8.89	10.83	0.67
21	18.85	-9.47	12.13	-7.98	9.71	-6.50	25.23	9.13	9.88	2.48
22	20.38	-10.87	12.23	-7.98	9.71	-6.50	24.69	10.48	7.91	4.69
23	20.55	-11.46	14.23	-7.98	9.70	-6.81	23.20	10.59	6.32	6.70
24	20.75	-11.47	15.75	-6.09	9.70	-7.01	22.55	10.97	4.72	4.69
25	22.20	-11.47	16.25	-4.09	9.69	-6.92	21.01	11.13	2.83	4.69
26	22.54	-11.48	17.84	-2.40	9.69	-7.02	19.00	12.46	0.94	10.06
27	22.53	-11.48	18.24	-2.10	9.69	-6.93	16.71	12.57	0.84	10.70
28	22.53	-11.47	19.40	-2.11	9.68	-7.03	15.02	12.86	0.84	12.06
29	22.82	-10.56	19.40	-0.21	9.68	-6.93	13.21	13.12	-0.07	12.63
30	22.82	-8.59	19.26	-0.12	9.67	-6.94	12.38	14.28	-0.07	12.70
31	22.51	-7.59	18.08	-0.12	9.67	-5.44	11.22	14.76	-1.18	13.86
32	22.51	-5.70	17.95	1.68	9.67	-4.65	10.68	15.03	-3.08	14.83
33	22.51	-3.71	17.45	1.88	9.64	-4.55	9.31	15.17	-5.18	14.82
34	22.46	-1.81	16.06	3.27	9.11	-2.75	8.49	16.84	-7.19	14.92
35	22.12	-1.71	15.65	3.86	7.63	-2.75	7.18	17.12	-9.10	18.60
36	21.45	0.28	14.05	3.88	6.72	-2.56	5.19	18.18	-9.10	18.80
37	20.38	0.28	13.57	5.89	5.51	-0.57	3.20	18.74	-9.10	20.42
38	19.27	2.07	12.04	7.70	3.63	0.53	1.31	18.74	-9.10	20.82
39	16.52	2.27	11.58	9.65	2.73	1.03	0.31	19.01	-9.41	22.33
40	15.61	2.28	10.04	9.84	1.73	1.42	-0.79	19.70	-11.03	22.80
41	13.51	4.26	9.59	9.88	1.73	1.42	-0.79	19.19	-12.82	24.98
42	12.52	4.26	8.03	11.05	0.72	1.43	-2.20	20.71	-13.04	24.77
43	11.43	4.25	7.49	11.43	-0.38	3.41	-2.80	20.82	-14.44	25.80
44	8.44	4.25	5.32	11.43	-0.38	3.43	-3.70	20.98	-15.03	26.40
45	7.63	4.24	4.03	11.42	-0.39	5.40	-5.51	20.98	-15.08	26.56
46	6.41	4.25	4.02	11.42	-0.49	5.40	-6.82	20.98	-17.04	26.78
47	4.44	4.25	3.31	11.39	-1.00	5.39	-8.72	21.15	-17.09	27.69
48	4.13	5.64	2.01	10.91	-2.50	5.39	-10.63	22.31	-18.34	27.80
49	2.54	6.03	1.11	10.86	-2.91	5.38	-10.63	22.96	-18.29	27.40
50	2.43	6.22	0.01	9.80	-2.91	5.38	-12.63	22.95	-14.94	26.52

RECORDS-213
DATE AND TIME=1968-04-01-09-42

COMPONENT=N-S
SAMPLING INTERVAL= 0.010(SEC)

SIGNAL=GR.ACC.
CORRECTION=ZERO.ARC
FORMAT NO.=301

STATION=HOSOJIMA-S
TOTAL NUMBER OF DATA=12101

RECORD=S-213
 DATE AND TIME=1968-04-01-09-42

COMPONENT=N-S
 SIGNAL=GR.ACC.
 SAMPLING INTERVAL= 0.010(SEC)

CORRECTION=ZERO.ARC
 FORMAT NO.=301

STATION=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

NO.	(4500)	(4550)	(4600)	(4650)	(4700)	(4750)	(4800)	(4850)	(4900)	(4950)
1	25.40	-5.68	11.59	7.57	2.76	1.47	7.26	-1.45	-3.16	6.34
2	24.28	-3.69	11.30	6.96	1.17	1.45	7.30	-0.95	-3.17	6.67
3	23.44	-3.69	11.14	5.89	-0.33	-0.54	8.57	-0.95	-3.77	8.13
4	21.92	-1.80	10.09	5.88	-0.33	-0.54	8.96	0.54	-3.98	8.41
5	18.51	-1.70	10.00	5.86	-1.04	-2.55	9.24	0.94	-5.18	8.42
6	18.45	0.30	8.02	4.95	-2.34	-2.55	9.24	2.14	-5.18	8.61
7	17.97	1.99	6.07	3.86	-0.94	-2.76	9.24	3.02	-5.19	8.60
8	17.70	2.29	5.77	3.05	-0.94	-4.56	9.29	3.02	-5.19	8.60
9	17.69	2.30	5.54	1.86	-0.55	-4.56	10.66	3.01	-5.20	8.59
10	17.57	3.59	4.04	1.86	-0.35	-5.07	11.22	2.81	-3.90	8.59
11	16.49	4.31	2.06	1.73	-0.36	-5.37	11.31	2.39	-3.30	8.58
12	16.48	6.31	2.06	-0.15	-0.35	-6.57	12.84	1.00	-3.21	8.58
13	16.48	7.69	1.85	-0.15	1.63	-6.58	13.11	1.00	-2.11	8.57
14	16.47	8.33	1.14	-0.36	1.64	-6.58	13.10	0.99	-1.30	8.35
15	16.47	10.07	8.33	-0.97	3.03	-6.59	12.97	0.99	2.21	7.96
16	16.46	10.21	-1.96	-2.17	3.42	-6.79	12.58	0.69	4.77	7.62
17	15.85	9.37	-2.26	-2.17	3.65	-6.79	12.22	0.68	4.77	6.58
18	9.51	9.95	-2.57	-2.88	5.66	-7.00	11.19	0.68	4.77	6.43
19	8.38	9.95	-3.97	-2.98	7.65	-6.90	11.18	0.97	4.76	5.75
20	6.40	10.24	-3.97	-4.19	8.82	-6.61	11.15	0.97	4.76	5.71
21	4.54	10.23	-4.08	-4.19	9.31	-6.61	10.59	0.96	4.75	4.54
22	4.31	10.29	-5.98	-4.19	9.59	-6.62	9.15	0.97	4.75	4.54
23	2.43	11.55	-6.29	-4.20	9.65	-5.32	8.61	2.27	4.72	4.52
24	1.52	11.93	-7.99	-3.10	10.92	-5.03	7.16	2.95	3.82	4.02
25	-0.08	12.03	-8.10	-2.41	11.70	-3.23	7.00	2.95	2.74	3.60
26	-1.58	12.21	-8.50	-2.21	13.58	-2.84	5.15	2.94	2.62	2.52
27	-1.58	12.29	-8.91	-2.22	13.72	-2.84	3.14	2.94	1.91	2.52
28	-1.59	13.53	-9.91	-2.22	15.48	-2.64	3.14	2.96	0.72	2.41
29	-1.69	13.91	-9.91	-1.02	15.68	-2.64	2.82	4.24	0.61	2.20
30	-2.10	14.10	-9.92	-0.33	16.86	-1.25	1.13	4.63	-0.19	1.89
31	-3.60	14.19	-9.92	-0.23	16.86	-0.85	0.42	4.82	-1.29	0.60
32	-4.30	14.19	-9.93	-0.22	16.85	-0.66	-0.87	4.92	-1.59	0.50
33	-5.91	14.18	-9.93	3.37	16.86	-0.66	-0.78	4.91	-1.80	0.49
34	-7.61	14.18	-9.92	3.79	16.94	0.54	-3.88	4.91	-2.10	0.59
35	-8.52	14.17	-8.84	5.80	16.83	1.03	-3.09	4.70	-2.11	0.18
36	-9.53	14.27	-8.04	7.75	16.81	1.32	-4.89	4.40	-2.01	-0.13
37	-10.83	15.46	-8.04	7.74	16.52	1.33	-4.89	4.19	-2.11	-1.66
38	-11.44	15.46	-4.05	7.79	15.53	2.72	-4.90	3.97	-2.12	-1.93
39	-12.84	15.44	-2.95	9.24	15.51	3.31	-5.20	2.89	-1.82	-2.43
40	-13.44	15.16	-2.06	9.33	15.25	3.34	-5.60	2.88	-1.53	-2.44
41	-13.44	14.15	-0.05	9.43	13.17	3.11	-5.61	2.88	-1.33	-3.54
42	-13.44	14.14	1.85	9.52	13.17	5.29	-5.22	2.85	-1.34	-3.55
43	-13.48	14.14	3.96	9.40	12.41	5.33	-4.92	0.97	-1.34	-2.35
44	-15.49	14.13	5.63	8.96	9.57	6.79	-4.93	0.86	-1.34	-1.55
45	-16.59	13.97	5.92	7.71	8.93	6.99	-4.93	-0.05	0.25	0.04
46	-11.46	13.15	5.95	7.67	7.42	6.99	-4.93	-1.15	0.64	0.43
47	-11.25	12.12	7.41	6.77	5.34	7.28	-4.93	-1.15	0.64	0.43
48	-9.57	12.12	7.42	5.68	3.48	7.27	-3.84	-1.15	0.65	0.44
49	-9.56	12.10	7.70	5.06	3.48	7.27	-2.94	-1.66	0.65	0.44
50	-7.67	11.80	7.70	3.67	3.15	7.26	-2.94	-3.16	2.69	1.72

RECORD#S-213 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=HOSOGIIMA-S
 DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=12100

NO.	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5408)	(5450)
1	1.50	6.24	-8.31	6.98	-12.33	11.21	-7.55	0.93	2.53	-5.59
2	0.41	7.31	-8.71	6.98	-12.33	10.48	-7.46	0.22	2.52	-6.19
3	0.20	7.51	-10.02	6.97	-12.34	9.31	-6.86	-1.08	2.72	-7.49
4	-0.31	7.81	-10.02	6.98	-12.34	8.58	-6.86	-1.58	2.71	-7.50
5	-1.60	8.19	-10.93	7.19	-12.34	7.26	-6.87	-1.89	2.74	-7.50
6	-1.81	8.18	-11.93	7.76	-11.26	5.43	-5.27	-3.08	4.11	-7.51
7	-2.02	8.18	-11.93	7.76	-11.26	5.31	-4.88	-3.09	4.41	-7.51
8	-3.61	8.17	-11.94	7.75	-11.35	4.50	-4.88	-3.40	4.70	-7.52
9	-3.62	8.17	-11.94	7.75	-8.66	3.51	-2.88	-2.40	4.69	-7.52
10	-3.62	8.17	-11.95	7.81	-8.47	2.81	-0.87	-5.10	4.69	-7.52
11	-3.63	8.16	-11.95	9.26	-6.67	2.40	1.13	-5.11	4.73	-7.53
12	-3.93	8.16	-11.95	9.64	-6.48	1.31	3.14	-5.11	6.19	-6.13
13	-4.24	8.15	-11.96	9.73	-6.48	1.30	4.81	-5.11	6.38	-5.74
14	-5.04	8.15	-11.96	9.73	-5.88	0.79	5.09	-5.32	6.57	-5.54
15	-6.34	8.14	-11.96	9.72	-4.49	-0.50	5.15	-5.52	6.67	-5.55
16	-7.55	8.14	-10.67	9.72	-4.49	-0.71	7.08	-5.53	6.66	-5.55
17	-7.65	8.14	-10.07	9.71	-2.79	-0.81	7.16	-5.83	6.71	-3.99
18	-7.66	8.13	-10.07	9.71	1.01	-1.42	8.89	-7.14	7.96	-3.56
19	-7.66	8.13	-8.48	9.71	2.82	-2.62	9.17	-7.14	8.17	-3.55
20	-7.66	8.12	-8.09	9.70	3.53	-2.72	10.79	-7.14	8.55	0.43
21	-7.67	8.12	-8.09	9.70	5.49	-3.03	11.06	-7.15	8.64	0.43
22	-7.57	8.02	-6.30	9.69	5.52	-3.43	11.20	-7.15	8.71	0.44
23	-5.98	8.01	-6.10	9.67	6.70	-4.63	13.05	-7.16	10.05	1.88
24	-5.88	8.01	-6.10	9.66	7.28	-4.74	13.05	-7.16	10.85	2.42
25	-5.69	8.01	-4.41	8.91	7.47	-4.74	13.05	-7.17	10.32	2.41
26	-4.29	8.09	-4.11	7.59	7.46	-5.05	13.04	-5.97	10.32	2.41
27	-3.69	7.99	-2.11	5.66	7.46	-5.45	13.04	-5.67	10.32	2.40
28	-2.00	7.97	-0.10	5.21	7.51	-6.76	13.03	-5.68	10.31	2.40
29	-1.70	7.57	1.90	3.51	8.76	-6.76	13.03	-5.48	10.51	2.40
30	-0.00	7.14	3.91	0.94	9.01	-6.76	13.03	-5.19	10.30	2.39
31	0.31	6.08	5.87	-1.05	9.24	-7.17	13.01	-5.19	10.26	2.28
32	2.28	6.07	5.86	-2.45	9.25	-7.67	12.90	-5.19	9.61	2.08
33	2.30	6.01	5.92	-3.16	9.43	-8.78	12.58	-5.20	8.26	1.66
34	3.58	4.05	7.85	-4.56	9.43	-8.78	11.10	-5.20	7.73	0.57
35	3.77	3.24	7.94	-5.26	9.43	-8.78	10.97	-5.21	6.66	0.37
36	3.77	2.05	9.84	-6.47	9.48	-8.79	10.40	-5.21	6.25	0.05
37	3.96	1.43	9.84	-7.27	10.54	-8.79	8.97	-5.21	5.63	-1.64
38	3.96	0.04	9.84	-8.37	10.83	-8.80	8.42	-3.92	4.57	-1.64
39	3.95	-0.46	9.85	-8.58	11.12	-9.00	7.08	-3.62	4.45	-1.65
40	3.96	-0.87	9.83	-9.09	11.31	-9.01	6.98	-3.33	3.83	-1.95
41	4.25	-1.97	9.82	-10.39	11.40	-9.01	6.97	-3.23	2.54	-2.46
42	4.24	-2.07	9.82	-10.39	11.40	-9.01	6.66	-3.24	1.83	-3.66
43	4.24	-2.68	9.82	-11.30	11.39	-9.02	6.32	-3.24	0.55	-3.66
44	4.27	-3.98	9.80	-12.30	11.39	-9.02	4.97	-3.24	0.42	-3.67
45	5.73	-3.98	9.65	-12.30	11.38	-8.93	4.95	-1.85	-1.46	-3.67
46	5.84	-4.69	9.47	-12.31	11.38	-8.83	4.64	-1.25	-1.97	-3.68
47	6.22	-5.99	8.84	-12.31	11.38	-8.84	4.12	-1.25	-3.37	-3.68
48	6.22	-6.09	7.79	-12.32	11.37	-8.84	2.94	0.44	-3.58	-2.28
49	6.21	-6.70	7.77	-12.32	11.37	-8.84	2.61	0.75	-4.38	-1.88
50	6.21	-8.00	7.27	-12.33	11.36	-8.85	1.04	2.04	-5.4	0.13

RECORD-S-213	COMPONENT=N-S	SIGNAL=GR.ACC.	CORRECTION=ZFRO.ARC	STATION=HOROSJIMA-S				
DATE AND TIME=1968-04-01-09-42	SAMPLING INTERVAL=0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=12400					
N0.	(5500)	(5650)	(5700)	(5750)	(5800)	(5850)	(5900)	(5950)
1	1.61	-10.33	7.45	-2.75	5.03	2.43	-1.90	10.22
2	2.34	-8.94	7.34	-2.76	4.86	2.72	-3.39	10.37
3	4.10	-8.94	7.03	-2.87	3.01	2.85	-3.40	10.08
4	4.33	-8.54	6.74	-4.67	2.48	4.11	-3.50	9.86
5	5.71	-8.35	6.49	-4.77	1.02	4.22	-3.81	9.41
6	6.28	-8.35	5.44	-4.78	0.90	4.50	-4.11	8.38
7	8.27	-8.36	5.43	-4.78	0.29	4.51	-5.31	8.33
8	8.35	-8.36	4.79	-3.28	-0.99	4.79	-5.42	7.60
9	9.89	-7.17	5.30	-3.09	-1.00	4.79	-5.42	6.34
10	10.26	-6.97	4.71	-2.99	-1.00	4.79	-5.42	5.70
11	10.26	-6.37	4.48	-2.80	-1.01	4.78	-5.43	4.33
12	10.26	-6.38	3.41	-2.80	-1.32	4.78	-5.43	3.52
13	10.37	-6.38	3.40	-2.80	-1.93	4.63	-5.44	2.44
14	11.96	-5.19	3.28	-2.81	-3.02	6.27	-5.34	2.14
15	12.15	-4.49	2.47	-2.81	-3.02	6.25	-3.75	2.03
16	12.24	-4.39	1.28	-1.61	-3.13	5.81	-3.45	1.54
17	12.23	-4.40	0.67	-1.92	-3.34	4.76	-3.46	1.41
18	12.23	-4.40	0.61	-1.92	-3.84	4.75	-3.46	0.33
19	12.23	-3.01	-0.63	-0.33	-4.94	4.74	-3.46	0.32
20	12.22	-2.91	-1.53	-0.33	-5.05	4.63	-2.27	0.32
21	12.21	-2.61	-2.63	-0.81	-5.05	4.33	-1.97	0.32
22	12.11	-2.42	-2.93	1.16	-5.05	3.99	-1.78	0.31
23	11.99	-2.41	-3.54	1.19	-5.26	2.83	-1.68	0.31
24	11.59	-0.41	-4.64	2.95	-5.46	2.73	-1.68	0.30
25	10.19	1.29	-4.64	3.14	-5.77	2.72	-1.69	0.30
26	10.06	2.39	-4.75	3.14	-5.87	2.62	-1.59	0.29
27	9.48	3.46	-4.95	3.18	-5.77	2.52	-1.50	0.18
28	9.27	3.56	-4.86	4.25	-5.58	2.71	-1.50	0.22
29	8.18	3.45	-4.66	4.94	-5.38	2.71	-1.49	0.47
30	8.13	3.02	-4.67	5.17	-5.19	2.70	-0.21	0.64
31	7.22	1.75	-4.67	6.34	-5.09	2.73	-0.21	1.73
32	6.04	1.73	-4.67	6.82	-5.10	3.80	0.19	1.73
33	5.23	0.92	-3.18	7.02	-5.10	3.95	0.48	1.74
34	4.14	0.27	-2.98	7.11	-5.10	2.78	0.47	1.85
35	3.23	-0.78	-2.79	7.17	-5.11	2.68	0.47	2.44
36	2.13	-2.17	-2.69	8.52	-4.01	2.68	0.49	2.66
37	1.84	-2.27	-2.69	7.52	-3.82	2.67	1.68	3.75
38	1.23	-2.38	-2.70	8.19	-3.72	2.56	2.46	3.76
39	0.14	-3.19	-2.70	8.19	-3.52	2.36	2.50	3.85
40	-0.38	-4.99	-1.40	8.12	-3.33	2.25	4.06	4.67
41	-1.77	-6.29	-0.81	7.08	-3.13	2.02	4.44	5.97
42	-1.88	-6.29	-0.70	7.07	-3.14	0.75	4.44	6.47
43	-2.58	3.95	0.88	7.07	-3.14	0.65	4.50	6.58
44	-2.78	6.60	0.38	7.06	-3.14	0.64	6.24	7.79
45	-3.88	6.80	0.67	7.06	-2.05	0.63	6.43	7.79
46	-4.29	5.98	0.35	6.74	-1.75	0.43	6.50	7.79
47	-4.69	8.00	-0.74	6.29	-1.36	0.01	8.04	7.79
48	-5.90	10.03	-0.84	5.05	-1.16	-1.28	8.41	7.80
49	-5.90	10.32	-1.05	5.04	-1.15	-1.38	8.49	6.60
50	-5.90	13.88	-1.66	5.04	0.66	-1.59	8.65	6.11

RECORD-S-213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=N-S
 SIGNAL=GR.ACC.
 CORRECTION=ZERO.ARC
 FORMAT NO.=301
 STATION=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

NO.	(6000)	(6050)	(6100)	(6150)	(6200)	(6250)	(6300)	(6350)	(6400)	(6450)
1	-5.91	7.10	-0.83	3.98	3.38	-0.97	9.77	-7.99	4.49	-2.31
2	-5.81	5.85	-0.42	4.58	4.27	-1.28	10.37	-7.59	4.27	-1.91
3	-5.82	5.21	0.57	5.26	4.95	-1.68	10.91	-7.30	3.76	-1.50
4	-5.82	3.96	1.17	5.46	5.36	-2.18	10.95	-6.90	2.97	-0.31
5	-5.83	3.79	1.77	5.76	5.96	-2.59	11.37	-6.51	2.48	0.17
6	-4.83	1.93	2.56	6.12	6.57	-2.89	12.01	-6.51	2.27	0.28
7	-4.33	1.03	3.15	5.82	7.37	-3.20	12.06	-6.11	1.96	0.69
8	-3.84	-0.06	3.43	5.52	8.16	-3.70	11.65	-5.82	1.55	1.77
9	-3.63	-0.68	3.23	5.40	8.73	-4.10	11.25	-5.72	0.95	2.27
10	-1.85	-0.06	3.02	5.01	9.03	-4.61	10.84	-5.82	0.56	2.87
11	-1.84	-2.06	2.71	4.91	9.33	-4.91	10.34	-4.52	0.34	3.36
12	-0.35	-1.97	2.32	4.79	9.73	-5.41	9.91	-3.53	-0.16	3.65
13	0.14	-0.28	2.21	4.30	10.12	-5.72	9.16	-2.73	-0.86	3.95
14	0.15	-2.58	2.01	4.18	10.39	-6.52	8.94	-1.94	-1.16	4.26
15	1.24	-2.78	1.81	3.56	10.30	-7.03	8.63	-1.64	-1.48	4.89
16	1.54	-3.09	2.01	2.57	9.38	-7.43	8.09	-0.84	-1.69	6.14
17	1.92	-3.19	2.10	1.78	9.37	-8.23	7.13	0.07	-3.08	6.47
18	1.92	-3.49	2.20	1.36	9.24	-8.74	6.71	1.45	-4.48	7.28
19	2.02	-3.70	2.52	0.56	8.85	-8.84	5.96	1.95	-5.38	8.27
20	2.11	-4.01	3.49	-0.44	8.54	-8.95	4.51	2.44	-5.88	9.08
21	2.11	-4.71	3.73	-1.44	8.14	-8.95	3.90	2.64	-6.49	9.65
22	2.10	-5.11	5.15	-2.54	7.83	-8.16	2.91	3.03	-7.29	10.11
23	2.13	-5.62	6.73	-3.14	7.43	-7.66	2.28	3.84	-7.39	10.23
24	3.30	-5.92	7.71	-3.65	7.13	-6.96	0.91	4.42	-7.70	10.63
25	3.60	-6.32	8.38	-5.05	6.81	-6.17	0.31	4.67	-8.00	11.06
26	3.89	-7.23	8.59	-6.45	6.29	-5.97	-0.10	5.84	-8.51	11.74
27	4.08	-7.73	8.99	-7.45	5.52	-5.17	-1.09	6.41	-9.01	12.13
28	4.08	-8.14	9.38	-8.26	5.30	-6.54	-1.19	6.64	-9.41	11.66
29	4.07	-8.64	9.77	-8.76	4.68	-4.18	-1.30	7.36	-9.62	10.61
30	4.07	-8.94	10.08	-9.47	3.69	-3.79	-1.50	8.40	-9.82	9.99
31	4.13	-9.25	10.44	-10.47	3.00	-3.59	-1.61	8.61	-10.13	9.22
32	5.87	-9.25	10.43	-10.68	2.49	-3.19	-1.82	8.95	-10.43	8.73
33	6.05	-9.16	10.31	-10.58	1.87	-2.60	-2.33	9.82	-10.84	8.43
34	6.12	-8.76	10.00	-9.78	0.68	-2.40	-3.33	10.30	-11.24	8.08
35	7.48	-8.47	9.71	-8.89	-0.31	-1.50	-4.13	10.57	-11.44	7.18
36	7.95	-8.27	9.50	-8.59	-0.71	-1.00	-4.93	10.56	-10.95	6.18
37	8.04	-8.17	9.19	-8.00	-0.91	-0.10	-5.33	10.55	-10.25	5.18
38	8.12	-7.98	8.79	-7.20	-1.32	0.80	-6.14	10.43	-8.86	4.16
39	9.46	-7.78	8.48	-6.60	-1.71	1.61	-6.64	10.16	-8.26	2.71
40	9.82	-7.29	8.08	-6.01	-1.41	3.00	-6.94	10.23	-7.87	2.20
41	9.84	-6.89	7.64	-5.11	-1.02	3.91	-7.25	10.04	-7.67	1.39
42	10.02	-6.49	6.64	-4.41	-0.82	4.98	-7.65	10.00	-7.27	0.60
43	10.01	-6.20	5.64	-2.72	-0.53	5.41	-8.06	9.55	-6.88	0.19
44	10.01	-4.90	4.64	-2.11	-0.34	6.46	-9.26	8.61	-6.08	-0.62
45	10.00	-4.20	3.66	-0.82	-0.34	6.69	-9.86	8.37	-5.69	-1.81
46	9.85	-3.40	3.05	-0.02	-0.05	7.45	-10.57	7.55	-5.69	-2.42
47	9.20	-2.41	2.28	0.78	-0.05	7.57	-9.97	6.50	-5.09	-3.62
48	7.99	-1.52	2.68	1.37	0.06	8.10	-9.58	6.29	-4.69	-4.81
49	7.97	-1.52	2.98	1.97	0.46	8.94	-9.28	5.95	-3.70	-5.42
50	7.65	-1.32	3.57	2.57	-0.77	9.08	-8.68	4.88	-3.10	-6.62

RECORDS-243
DATE AND TIME=1968-04-01-09-42
COMPONENT=N-S
SIGNAL=GR.ACC.
CORRECTION=ZERO, ARC
FORMAT NO.=3311
STATION=HOSOYAMA-S
TOTAL NUMBER OF DATA=12100

NO.	(6500)	(6550)	(6600)	(6650)	(6700)	(6750)	(6800)	(6850)	(6900)	(6950)
1	-7.62	4.28	-8.85	2.24	-7.67	2.09	2.71	-1.51	-6.52	2.37
2	-8.83	4.68	-8.35	2.03	-7.97	1.21	2.80	-1.80	-7.32	2.16
3	-9.93	5.08	-8.05	1.73	-8.08	1.01	2.59	-1.80	-7.52	1.95
4	-10.14	5.56	-7.86	1.53	-7.88	1.00	2.88	-1.41	-7.53	1.63
5	-10.84	5.65	-7.36	1.42	-6.78	0.90	2.09	-1.39	-7.73	0.84
6	-11.84	5.64	-6.36	1.32	-6.19	0.89	2.04	-0.91	-7.63	0.25
7	-12.35	5.64	-5.67	1.11	-5.49	0.59	0.88	0.57	-7.63	0.14
8	-12.65	5.62	-5.68	0.80	-4.90	0.39	0.78	0.57	-7.63	0.10
9	-13.36	5.43	-5.68	0.50	-4.80	0.25	0.78	0.56	-1.47	-5.84
10	-13.36	5.31	-5.58	0.30	-4.60	0.25	0.77	0.60	-5.24	-1.98
11	-12.86	4.99	-5.48	0.01	-4.41	-0.85	0.66	1.71	-3.85	-2.69
12	-12.17	4.41	-4.79	-0.31	-4.01	1.63	0.35	0.55	-3.65	-3.88
13	-11.97	4.20	-3.99	-0.51	-3.91	1.95	-0.17	0.54	-3.25	-4.39
14	-11.68	3.89	-3.20	-0.61	-3.42	3.03	0.43	0.43	-2.46	-5.48
15	-11.68	3.50	-3.00	-0.71	-3.33	3.04	1.25	0.12	-2.26	-5.78
16	-11.19	3.30	-2.61	-0.62	-3.25	3.36	1.26	-0.40	-1.77	-5.49
17	-10.39	3.20	-2.41	-0.62	-2.83	4.85	1.67	-1.47	-1.67	-5.99
18	-9.99	3.18	-2.01	-0.63	-2.74	5.05	-2.09	-1.48	-1.25	-6.30
19	-8.10	2.89	-1.31	-0.63	-2.62	5.36	-3.27	-1.59	0.02	-6.61
20	-6.90	2.87	-0.51	-0.64	-2.24	5.66	3.27	-2.21	0.31	-7.31
21	-6.20	2.47	0.30	-0.64	-0.85	5.66	3.28	3.49	0.30	-7.61
22	-5.20	2.17	1.38	-0.65	-0.75	5.77	3.68	-3.50	0.31	-7.61
23	-4.00	1.87	1.88	-0.65	-0.65	5.77	4.00	-4.10	0.82	-7.92
24	-2.22	1.77	2.40	-0.65	-0.26	5.58	4.41	4.41	1.59	-7.92
25	-2.00	1.75	3.57	-0.66	0.03	5.58	5.29	5.50	1.80	-8.23
26	-0.52	1.45	3.98	-0.66	0.08	5.28	5.30	5.51	2.09	-8.53
27	0.00	1.05	4.65	-0.66	-0.18	5.09	5.30	5.51	2.27	-9.84
28	1.38	0.83	4.75	-0.57	-0.38	5.09	5.31	5.52	2.07	-9.64
29	1.99	0.24	4.94	-0.68	-0.28	5.39	5.31	5.92	1.96	-9.34
30	2.78	0.16	4.93	-0.68	-0.19	4.49	5.31	6.13	1.65	-9.95
31	3.37	-0.27	4.93	-0.68	-0.20	3.70	5.32	7.53	1.34	-10.25
32	3.85	-0.65	5.02	-0.69	0.40	3.31	5.31	7.53	0.74	-10.56
33	3.94	-4.18	5.02	-0.80	-0.40	3.11	4.22	7.53	0.26	-10.46
34	3.94	-4.78	5.12	-1.00	-0.39	3.12	3.63	6.44	0.66	-9.96
35	3.93	-5.19	5.21	-1.21	0.50	3.09	3.43	6.04	0.97	-9.47
36	3.93	-6.19	5.21	-1.42	0.89	3.09	3.34	5.55	1.85	-8.77
37	3.92	-7.19	5.20	-1.91	1.08	1.13	3.32	5.55	2.22	-8.38
38	3.92	-7.99	5.20	-2.12	1.08	1.10	4.22	5.56	1.93	-8.18
39	3.91	-8.60	5.19	-2.42	1.11	0.27	4.22	5.56	1.74	-7.09
40	3.91	-8.60	5.17	-2.83	2.27	1.35	4.27	4.27	2.21	-7.99
41	3.91	-9.00	4.75	-3.13	2.37	0.85	4.17	4.17	2.33	-7.69
42	3.88	-9.51	4.17	-3.54	2.47	0.85	3.36	3.97	2.53	-7.39
43	3.37	-9.21	3.87	-3.94	2.76	0.84	3.36	3.97	2.53	-7.39
44	2.79	-9.12	3.77	-4.34	2.76	0.84	3.36	3.97	2.53	-7.39
45	2.59	-9.12	3.66	-4.64	2.95	0.84	3.36	3.97	2.53	-7.39
46	2.58	-9.12	3.45	-4.75	3.04	0.84	3.36	3.97	2.53	-7.39
47	2.49	-8.93	3.15	-5.05	3.04	1.07	3.36	4.09	3.91	-5.91
48	2.71	-8.73	2.95	-5.16	3.03	2.13	3.36	4.09	3.91	-5.91
49	3.59	-8.74	2.74	-5.26	3.01	2.33	3.36	4.09	3.91	-5.91
50	3.89	-8.44	2.54	-5.28	2.51	2.62	3.36	4.09	3.91	-5.91

RECORD=5-213 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=HOSO.II.MA-S TOTAL NUMBER OF DATA=1210R
 DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=301

NO.	(7000)	(7050)	(7100)	(7150)	(7200)	(7250)	(7300)	(7350)	(7400)	(7450)
1	-2.03	1.12	-2.45	-6.67	3.12	-9.09	0.94	-16.81	4.27	-8.44
2	-2.03	0.23	-2.14	-6.69	3.12	-9.20	1.91	-16.12	4.26	-7.94
3	-1.74	-0.27	-1.35	-9.18	3.22	-10.00	2.30	-15.72	4.05	-7.54
4	-1.43	-0.67	-0.86	-10.08	3.41	-11.11	2.59	-15.43	3.74	-6.55
5	-0.85	-1.19	-0.48	-10.19	3.59	-11.21	2.72	-14.13	3.45	-6.25
6	-0.65	-2.28	-0.48	-10.29	3.10	-12.81	3.51	-12.94	3.32	-6.26
7	-0.26	-2.70	-0.47	-10.30	3.09	-13.12	4.09	-11.74	2.84	-5.96
8	-0.07	-3.98	0.05	-10.40	3.08	-13.32	4.39	-11.54	2.73	-5.97
9	0.05	-4.50	1.03	-10.30	3.08	-13.73	4.68	-10.95	2.43	-5.78
10	0.46	-5.79	1.52	-10.31	3.08	-14.63	4.86	-9.95	2.16	-5.78
11	1.34	-6.29	1.94	-10.71	3.08	-15.03	5.01	-9.56	0.71	-5.78
12	1.73	-6.19	2.93	-11.22	3.07	-14.74	5.76	-9.16	0.22	-5.57
13	1.93	-6.31	3.49	-12.32	3.07	-13.75	5.93	-8.16	-0.10	-4.68
14	2.45	-8.00	3.51	-12.22	3.06	-13.75	5.68	-7.67	-0.61	-4.59
15	3.20	-8.41	4.03	-12.23	3.07	-13.25	4.92	-7.57	-1.49	-4.30
16	3.21	-9.21	4.81	-11.13	3.26	-13.16	4.58	-7.17	-1.79	-4.30
17	3.41	-10.42	5.29	-10.74	3.26	-12.66	3.76	-6.28	-1.79	-4.31
18	3.60	-11.82	5.48	-10.54	3.42	-11.86	2.61	-5.88	-1.81	-4.31
19	3.70	-12.32	5.61	-10.25	2.86	-11.17	2.39	-5.59	-2.11	-4.11
20	3.88	-12.93	6.31	-9.45	1.33	-11.17	1.77	-5.70	-2.54	-4.02
21	3.83	-13.73	6.98	-9.05	1.03	-10.78	0.80	-5.80	-3.72	-3.96
22	3.90	-13.74	7.27	-8.76	1.03	-9.88	0.60	-5.60	-4.03	-0.81
23	4.28	-13.94	7.45	-8.76	0.93	-9.19	0.29	-5.39	-4.74	-0.42
24	4.51	-12.34	7.42	-7.96	1.00	-9.09	-0.13	-4.30	-5.83	-0.03
25	5.18	-10.55	7.13	-6.77	0.50	-8.59	-0.81	-3.61	-7.34	0.08
26	5.47	-9.75	7.00	-6.77	0.09	-7.70	-1.02	-3.20	-7.34	0.49
27	5.67	-10.36	6.57	-6.48	-0.60	-7.20	-1.43	-2.21	-7.74	1.29
28	5.85	-10.36	5.81	-6.48	-0.90	-7.10	-1.95	-1.73	-7.84	1.97
29	5.85	-10.37	5.51	-5.98	-1.00	-6.60	-3.03	-1.63	-7.85	2.53
30	5.84	-10.07	5.28	-5.29	-1.01	-5.81	-3.44	-1.64	-8.75	3.98
31	5.84	-10.17	4.76	-4.80	-1.11	-5.32	-4.15	-1.64	-9.85	4.61
32	5.83	-10.08	3.99	-4.80	-1.21	-5.22	-5.24	-1.64	-10.36	5.56
33	5.83	-9.08	3.68	-4.69	-1.23	-4.81	-5.45	-1.44	-11.36	5.93
34	5.82	-8.89	3.28	-3.70	-1.62	-3.72	-6.35	-1.13	-11.77	5.95
35	5.82	-8.39	2.89	-2.91	-1.74	-3.33	-7.35	-0.33	-11.77	6.25
36	5.82	-8.09	2.68	-2.60	-2.32	-3.23	-7.46	0.66	-11.57	6.67
37	5.81	-7.29	2.46	-1.96	-2.83	-3.06	-8.06	0.95	-11.38	7.10
38	5.82	-6.40	1.78	-1.31	-3.04	-2.14	-8.96	1.44	-11.28	5.98
39	6.02	-6.40	1.57	-0.83	-3.05	-1.75	-9.46	1.65	-9.79	5.65
40	6.22	-6.00	1.35	-0.72	-3.37	-1.45	-9.47	2.14	-10.59	4.94
41	6.54	-4.91	0.72	-0.22	-4.36	-1.26	-10.37	2.54	-10.30	4.17
42	7.09	-4.62	-0.67	0.46	-5.06	-1.27	-11.48	2.95	-10.40	3.86
43	7.01	-4.42	-2.05	0.57	-5.47	-1.26	-12.08	3.53	-10.20	3.47
44	6.06	-4.43	-2.65	0.96	-6.47	-1.07	-12.99	3.90	-10.01	3.13
45	5.77	-4.43	-3.07	1.16	-6.77	-0.87	-13.49	3.90	-9.91	2.25
46	5.58	-4.43	-4.55	1.47	-7.07	-0.56	-13.79	3.89	-9.82	1.86
47	4.13	-4.04	-4.87	2.25	-7.08	0.22	-15.00	3.89	-9.92	1.61
48	1.77	-3.63	-6.06	2.84	-7.28	0.82	-16.40	3.81	-9.52	0.44
49	1.76	-2.74	-6.56	2.84	-7.79	0.42	-17.51	4.28	-9.43	-0.15
50	1.64	-2.45	-6.67	3.03	-8.79	0.71	-17.11	4.28	-8.73	-0.46

RECORD=S-213 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=HOSQJIMA-S
 DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA=12100

NO.	(7500)	(7600)	(7650)	(7700)	(7750)	(7800)	(7850)	(7900)	(7950)
1	-0.89	-3.86	1.43	8.27	-0.27	-2.37	-6.07	-5.27	-2.28
2	-1.77	-3.17	1.44	8.27	-0.26	-2.37	-6.17	-4.77	-2.38
3	-2.18	-4.66	1.49	-8.37	0.14	-2.17	-6.17	-4.67	-2.67
4	-3.09	-3.07	0.69	-8.37	0.21	-2.17	-6.17	-4.67	-2.78
5	-4.28	-3.07	-0.18	-8.36	-0.27	-2.16	-6.16	-4.66	-3.37
6	-4.89	-3.18	-0.47	-8.36	-0.37	-2.16	-6.16	-4.66	-3.56
7	-5.78	-4.07	-0.58	-8.36	-0.57	-2.16	-6.16	-4.66	-3.56
8	-6.18	-4.56	-1.18	-8.36	-0.77	-2.16	-6.16	-4.66	-3.56
9	-6.19	-4.66	-1.86	-8.36	-1.17	-2.16	-6.16	-4.65	-3.76
10	-6.79	-4.96	-2.07	-8.35	-1.56	-2.15	-6.15	-4.05	-3.75
11	-6.89	-5.46	-2.45	-8.35	-1.86	-2.15	-6.15	-4.00	-3.75
12	-7.10	-6.15	-2.46	-8.35	-2.15	-1.94	-6.15	-3.95	-3.85
13	-7.70	-6.45	-2.76	-8.35	-2.25	-1.94	-6.15	-3.95	-3.85
14	-8.20	-6.56	-3.07	-8.34	-2.25	-1.69	-6.15	-3.84	-3.95
15	-8.21	-7.45	-3.85	-7.64	-2.35	-1.64	-6.35	-3.64	-4.35
16	-8.82	-8.24	-4.14	-6.94	-2.55	-1.44	-6.54	-3.64	-4.75
17	-9.62	-8.54	-4.24	-6.94	-2.55	-1.44	-6.54	-3.64	-4.75
18	-9.92	-8.64	-4.44	-6.84	-3.15	-1.44	-6.74	-3.34	-5.34
19	-10.23	-9.04	-4.44	-6.83	-3.15	-1.43	-6.94	-3.24	-5.64
20	-10.23	-9.44	-4.43	-6.53	-3.84	-1.32	-6.94	-3.22	-5.74
21	-10.23	-10.43	-4.44	-6.33	-4.04	-0.93	-7.43	-2.63	-5.94
22	-10.24	-10.63	-4.63	-6.33	-4.04	-0.93	-7.33	-2.53	-6.13
23	-10.24	-10.83	-4.73	-6.12	-4.23	-0.83	-7.33	-2.52	-6.33
24	-9.85	-1.16	-4.83	-5.82	-4.23	-0.82	-7.32	-2.13	-6.73
25	-9.75	-1.17	-5.03	-5.22	-4.22	-0.62	-6.82	-2.02	-7.32
26	-9.15	-1.39	-5.33	-5.12	-4.22	-0.62	-6.82	-1.92	-7.72
27	-8.86	-1.97	-5.92	-5.12	-4.22	-0.62	-6.52	-1.91	-7.72
28	-8.76	-1.99	-5.92	-5.12	-4.22	-0.62	-6.42	-1.62	-7.92
29	-8.67	-2.38	-6.12	-5.12	-4.22	-0.62	-6.42	-1.52	-8.12
30	-8.57	-2.62	-6.41	-5.21	-4.22	-0.63	-6.31	-1.42	-8.32
31	-8.47	-3.80	-6.41	-5.21	-4.21	-0.93	-6.01	-1.41	-8.51
32	-8.28	-4.49	-6.41	-5.21	-4.25	-1.42	-5.20	-1.20	-8.51
33	-8.28	-4.51	-6.41	-5.11	-6.21	-1.42	-4.51	-0.81	-8.71
34	-8.29	-5.00	-6.61	-4.91	-6.31	-1.71	-4.51	-0.70	-9.21
35	-8.19	-5.21	-6.91	-4.91	-6.31	-1.91	-4.51	-0.50	-9.31
36	-8.00	-6.90	-7.11	-4.90	-6.90	-2.01	-4.50	-0.40	-8.70
37	-7.80	-6.90	-7.80	-4.80	-6.40	-2.10	-4.50	-0.40	-8.60
38	-7.60	-6.52	-7.30	-4.50	-6.20	-2.10	-4.40	-0.40	-8.60
39	-7.60	-6.42	-7.29	-4.49	-5.79	-2.40	-4.50	-0.60	-8.50
40	-7.01	-6.52	-6.99	-4.49	-5.49	-2.40	-4.50	-0.70	-8.49
41	-6.82	-6.23	-6.79	-4.29	-4.99	-2.70	-4.49	-0.70	-7.80
42	-6.72	-6.13	-6.47	-3.89	-4.99	-3.01	-4.49	-0.81	-7.79
43	-6.32	-2.47	-7.09	-3.68	-4.79	-3.69	-4.49	-1.30	-7.79
44	-6.13	-1.75	-7.29	-2.98	-4.48	-3.89	-4.49	-1.59	-7.79
45	-6.13	-0.68	-7.29	-2.58	-4.19	-4.09	-4.39	-1.79	-7.58
46	-5.94	-0.47	-7.78	-2.28	-4.18	-4.29	-4.39	-1.88	-7.08
47	-5.73	0.05	-7.88	-2.27	-4.17	-4.29	-4.39	-1.88	-6.48
48	-4.94	0.72	-7.98	-1.66	-3.58	-5.38	-4.88	-1.88	-6.28
49	-4.65	0.84	-7.98	-0.97	-3.56	-5.58	-5.38	-1.88	-5.88
50	-4.37	1.15	-8.18	-0.86	-2.67	-5.98	-5.38	-1.98	-5.78
		1.33	-8.27	-0.47	-2.47	-6.07	-5.27	-2.27	-5.77

NO.	(8000)	(8050)	(8100)	(8150)	(8200)	(8250)	(8300)	(8350)	(8400)	(8450)
1	-5.47	-5.68	0.62	-1.97	-5.17	-1.97	-9.47	-1.68	-0.93	-8.87
2	-5.06	-6.38	0.42	-1.67	-5.27	-1.97	-9.37	-1.99	0.74	-8.87
3	-4.86	-7.17	0.32	-1.47	-5.37	-1.97	-9.17	-3.07	1.03	-8.87
4	-3.96	-7.57	-0.07	-1.46	-5.47	-1.97	-8.97	-3.07	1.03	-8.87
5	-3.77	-7.77	-0.29	-0.95	-5.67	-1.97	-8.77	-3.07	1.03	-9.07
6	-3.76	-8.16	-0.26	-1.07	-5.77	-1.96	-8.46	-3.06	1.04	-9.46
7	-3.75	-8.57	-1.46	-0.05	-5.96	-1.76	-7.96	-3.07	1.04	-9.66
8	-3.15	-9.66	-1.57	0.35	-6.26	-1.76	-7.15	-3.36	1.04	-9.76
9	-2.65	-9.76	-2.06	0.54	-6.66	-1.96	-5.75	-3.56	1.04	-10.86
10	-2.45	-9.86	-2.16	0.55	-6.76	-1.96	-5.15	-3.96	1.04	-9.26
11	-2.05	-10.25	-2.47	0.85	-7.25	-1.95	-4.85	-3.97	1.05	-9.15
12	-1.75	-9.95	-3.06	0.85	-7.35	-1.95	-4.55	-3.97	1.05	-9.05
13	-1.75	-9.75	-3.25	0.85	-7.35	-1.75	-4.54	-5.05	1.05	-8.85
14	-1.75	-9.65	-3.55	0.85	-7.45	-1.75	-3.74	-5.05	1.05	-8.85
15	-1.75	-9.34	-3.65	0.85	-7.85	-1.75	-3.12	-5.05	1.05	-6.85
16	-1.74	-9.14	-4.05	0.86	-8.04	-1.74	-1.41	-5.35	0.95	-7.34
17	-1.44	-8.24	-4.25	0.86	-8.24	-1.54	0.27	-5.85	0.85	-7.64
18	-1.44	-8.04	-5.04	0.86	-8.94	-1.54	0.67	-7.04	0.76	-6.84
19	-1.44	-7.84	-5.24	0.86	-8.24	-1.53	0.86	-7.04	0.76	-6.54
20	-1.44	-7.63	-5.54	0.86	-7.93	-1.54	0.87	-7.04	0.76	-6.44
21	-1.43	-6.42	-5.84	0.86	-7.53	-1.33	1.07	-7.04	0.77	-6.83
22	-1.43	-5.32	-6.44	0.66	-7.43	-1.33	1.26	-7.33	0.77	-6.83
23	-1.43	-4.02	-7.03	0.47	-7.33	-1.33	1.16	-7.93	0.77	-5.73
24	-1.43	-3.62	-7.63	0.57	-7.33	-1.33	0.87	-9.03	0.77	-5.43
25	-1.43	-3.01	-8.03	0.57	-7.32	-1.43	0.77	-9.03	0.76	-5.12
26	-1.42	-2.12	-8.43	0.57	-6.82	-1.52	0.76	-9.02	0.34	-4.82
27	-1.22	-2.12	-9.22	0.48	-6.72	-1.54	0.37	-9.02	-0.83	-4.82
28	-1.22	-2.11	-9.42	0.58	-6.52	-2.14	0.28	-9.02	-0.92	-4.80
29	-1.12	-1.82	-9.52	0.48	-5.92	-3.13	0.28	-9.02	-0.92	-3.02
30	-1.12	-1.81	-9.82	0.28	-5.71	-3.72	0.18	-7.12	-0.92	-2.82
31	-1.42	-1.61	-9.81	0.08	-5.31	-4.12	0.18	-7.01	-0.91	-2.79
32	-1.61	-1.50	-10.01	-0.01	-4.70	-4.82	0.01	-7.01	-0.92	-1.60
33	-1.71	-1.15	-9.81	-0.11	-4.01	-5.22	-0.01	-7.01	-1.32	-0.78
34	-1.71	-0.79	-9.51	-0.21	-3.70	-6.11	-0.01	-7.01	0.61	0.61
35	-1.71	-0.20	-9.30	-0.31	-3.50	-6.11	-0.02	-7.01	-2.91	1.19
36	-1.70	0.00	-8.80	-0.32	-3.30	-6.70	-0.60	-7.00	-2.90	1.24
37	-1.70	0.21	-8.00	-0.71	-3.30	-7.00	-0.60	-5.00	-2.91	2.51
38	-1.70	0.40	-7.50	-0.91	-3.60	-7.20	-0.50	-5.00	-3.60	2.91
39	-1.70	0.51	-7.50	-1.30	-3.09	-7.20	-0.49	-5.00	-3.81	3.20
40	-1.80	0.83	-7.49	-1.40	-2.79	-7.40	-0.24	-3.69	-4.80	3.20
41	-2.00	1.52	-7.19	-1.41	-2.48	-7.90	0.01	-3.19	-4.89	3.21
42	-2.10	1.83	-6.79	-1.90	-1.99	-8.69	-0.02	-2.99	-4.89	3.21
43	-2.29	2.22	-5.99	-2.20	-1.99	-8.99	-0.09	-2.99	-4.89	3.21
44	-2.41	2.41	-5.49	-2.90	-1.99	-9.19	-1.09	-2.99	-5.20	3.21
45	-3.49	2.41	-5.27	-3.29	-1.99	-9.39	-1.09	-2.96	-6.89	3.21
46	-3.80	2.41	-4.18	-3.49	-1.98	-9.78	-1.08	-1.48	-6.89	3.22
47	-5.08	2.20	-3.58	-3.89	-1.98	-9.78	-1.08	-1.28	-7.08	3.22
48	-5.18	1.90	-3.47	-4.18	-1.98	-9.78	-1.08	-0.98	-7.38	3.22
49	-5.58	1.51	-2.97	-4.29	-1.98	-9.78	-1.18	-0.98	-7.48	3.10
50	-5.68	1.10	-2.37	-4.88	-1.98	-9.78	-1.29	-0.98	-7.78	0.52

STATION=HOSQJIMA-S
TOTAL NUMBER OF DATA=12100

CORRECTION=ZFR0.ARC
FORMAT NO.=301

SIGNAL=GR.ACC.
SAMPLING INTERVAL= 0.10101(SEC)

COMPONENT=N-S
DATE AND TIME=1968-04-01-09-42

RECORD=S-213

RECORD=S-213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=N-S
 SIGNAL=GR.ACC.
 CORRECTION=ZERO.ARC
 STATION=HOSOGAJIMA-S
 TOTAL NUMBER OF DATA=12100

No.	(8550)	(8650)	(8700)	(8750)	(8800)	(8850)	(8900)	(8950)
1	0.53	2.84	-4.38	-0.28	-6.57	0.72	0.02	-6.98
2	0.55	3.13	-4.37	-0.38	-6.17	0.52	0.03	-4.08
3	1.23	3.22	-4.37	-0.58	-6.17	0.22	0.43	-4.17
4	1.22	3.08	-4.37	-0.87	-6.17	-0.07	0.74	-4.37
5	0.91	2.92	-4.37	-0.97	-6.17	-0.07	1.20	-4.37
6	0.80	2.73	-4.37	-1.17	-6.07	-0.17	0.13	-4.77
7	-0.77	2.64	-4.36	-1.16	-5.96	-0.27	-0.03	-4.77
8	-0.97	2.64	-4.36	-1.16	-5.86	-0.27	-0.67	-4.77
9	-1.39	2.60	-4.36	-1.17	-5.86	-0.27	-0.67	-5.26
10	-2.76	2.60	-4.36	-1.17	-5.56	-0.67	-0.87	-5.36
11	-2.76	1.54	-4.26	-1.56	-5.46	-0.97	-1.37	-5.46
12	-2.90	1.54	-4.05	-1.70	-4.85	-1.36	-1.96	-5.45
13	-3.47	1.55	-3.65	-1.86	-4.65	-1.66	-2.05	-5.45
14	-4.75	1.55	-3.65	-1.86	-4.35	-2.05	-1.95	-4.45
15	-4.75	1.53	-3.55	-2.15	-4.25	-2.05	-1.83	-4.45
16	-4.85	0.82	-3.55	-2.25	-4.15	-2.35	-0.64	-3.85
17	-5.15	0.45	-3.54	-2.14	-4.14	-2.55	-0.34	-3.84
18	-5.66	-0.44	-3.44	-1.94	-3.84	-2.85	0.06	-3.84
19	-8.74	-0.45	-3.23	-1.84	-3.64	-3.45	0.06	-2.84
20	-8.74	-0.54	-2.64	-1.94	-3.44	-3.84	0.06	-2.84
21	-8.74	-1.16	-2.43	-2.14	-3.04	-4.04	0.06	-1.84
22	-9.23	-2.44	-2.23	-2.24	-2.83	-4.24	0.17	-1.84
23	-10.73	-2.44	-2.03	-2.34	-2.73	-4.64	0.47	-1.83
24	-10.73	-2.64	-1.62	-2.54	-2.63	-5.33	0.67	-1.83
25	-11.03	-3.05	-1.02	-2.83	-2.42	-5.53	0.76	-1.83
26	-11.32	-4.43	-0.52	-2.93	-2.03	-5.93	0.58	-1.83
27	-10.72	-4.43	-0.32	-3.43	-1.92	-6.03	0.77	-1.83
28	-10.72	-4.42	0.08	-3.73	-1.41	-6.02	0.57	-1.82
29	-10.72	-4.42	0.59	-3.92	-0.71	-5.52	0.47	-1.62
30	-9.42	-4.42	0.69	-4.12	-0.11	-4.92	0.18	-1.72
31	-9.11	-4.42	0.99	-4.32	0.19	-4.52	0.07	-1.72
32	-8.81	-4.42	1.30	-4.52	0.51	-4.42	-0.63	-1.72
33	-8.71	-4.41	1.70	-4.82	1.40	-4.31	-1.22	-1.61
34	-8.71	-4.41	2.19	-5.01	1.79	-4.31	-1.52	-1.51
35	-8.71	-4.41	2.19	-5.51	1.89	-4.31	-1.81	-1.40
36	-8.70	-4.41	2.09	-5.81	1.90	-4.21	-1.81	-0.50
37	-8.70	-4.40	1.99	-5.91	2.10	-4.21	-1.91	-0.21
38	-8.70	-4.40	1.90	-6.10	2.41	-4.20	-1.90	-0.20
39	-7.50	-4.40	1.90	-6.20	2.72	-4.20	-1.90	-0.20
40	-7.00	-4.40	1.90	-6.30	3.19	-4.00	-2.00	-0.10
41	-6.70	-4.40	1.90	-6.50	2.98	-4.00	-2.00	0.00
42	-6.69	-4.39	1.61	-6.50	2.39	-4.00	-2.10	0.00
43	-6.69	-4.39	1.61	-6.69	2.00	-3.99	-2.30	0.09
44	-6.68	-4.39	1.79	-6.89	1.80	-3.99	-2.59	0.09
45	-4.89	-4.39	1.79	-7.09	1.50	-3.99	-2.79	-0.51
46	-4.67	-4.39	1.20	-7.39	1.21	-3.99	-2.79	-1.29
47	-2.88	-4.39	1.03	-7.59	1.21	-3.88	-3.19	-1.49
48	-2.65	-4.38	0.41	-7.78	1.22	-3.88	-3.39	-1.69
49	-0.87	-4.38	0.31	-7.68	1.22	-3.53	-3.49	-1.78
50	-0.65	-4.38	0.12	-7.38	1.12	-1.96	-3.78	-1.88
		-4.38	-0.18	-6.78	1.11	-0.67	-3.88	-1.77
		-4.38	-0.18	-6.78				

RECORD=S-213
 DATE AND TIME=1968-04-01-09-42 COMPONENT=E-W SIGNAL=GR-ACC. CORRECTION=ZPRO-ARC STATION=HOSOJIMA-S
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=12100

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.00	33.61	-44.08	37.34	-87.92	31.13	-25.06	37.24	-39.75	52.08
2	-1.50	41.27	-42.01	29.67	-84.85	75.75	-19.11	37.96	-44.01	53.16
3	-1.50	47.72	-43.19	21.01	-78.49	59.23	-14.23	38.95	-47.35	52.82
4	-1.51	52.63	-49.65	14.01	-69.72	59.04	-12.13	39.35	-49.94	52.50
5	-8.46	54.88	-58.73	11.07	-58.50	52.60	-12.44	40.03	-54.65	52.35
6	-18.50	59.86	-62.11	8.70	-47.48	46.31	-12.94	42.64	-59.31	51.91
7	-27.97	61.10	-65.32	6.93	-35.32	36.60	-15.97	46.97	-62.63	51.61
8	-44.15	59.44	-70.30	7.35	-20.84	22.84	-19.63	49.93	-63.98	51.55
9	-101.03	55.71	-73.92	9.65	-7.24	4.54	-33.39	53.22	-66.88	52.14
10	-86.87	53.02	-74.01	10.74	3.56	1.45	-38.26	55.40	-68.00	55.71
11	-10.64	51.12	-72.99	11.53	10.44	2.05	-43.80	56.83	-70.57	55.80
12	112.22	49.98	-68.80	11.84	14.97	3.36	-46.79	58.17	-73.02	58.95
13	152.51	50.78	-50.89	12.64	15.83	9.36	-54.57	62.47	-73.10	60.82
14	136.63	55.55	-35.63	21.73	19.64	15.50	-60.47	63.88	-69.56	61.58
15	120.76	60.92	-26.77	23.77	23.09	20.66	-60.58	64.87	-76.72	62.53
16	104.89	63.51	-21.35	25.57	23.33	24.96	-56.43	65.61	-76.23	63.20
17	89.02	64.95	-13.41	31.16	21.37	25.57	-47.63	66.42	-73.42	64.44
18	72.54	65.73	-8.50	37.61	16.90	24.21	-36.21	66.46	-71.49	63.22
19	54.54	64.11	-2.20	39.96	13.13	21.67	-24.82	65.81	-69.07	60.49
20	34.91	61.76	1.09	42.50	5.58	10.38	-18.09	65.59	-66.23	57.92
21	13.00	55.69	2.30	43.32	-1.08	6.33	-13.15	63.63	-65.30	54.63
22	-8.20	52.07	6.51	39.76	-10.34	-15.43	-10.40	54.39	-55.34	49.50
23	-27.80	49.10	9.00	31.46	-12.98	-16.12	-9.25	43.21	-44.11	39.06
24	-45.14	45.54	9.69	22.43	-18.45	-16.93	-2.66	30.94	-31.95	25.50
25	-60.18	43.83	9.67	14.94	-23.44	-35.61	-3.16	18.14	-18.31	24.73
26	-72.48	43.61	9.03	7.79	-26.39	-38.09	-4.45	15.26	-7.85	23.03
27	-76.76	42.63	5.75	-0.31	-28.11	-32.24	-1.87	13.17	-1.74	22.72
28	-79.32	40.79	1.78	-12.34	-28.24	-43.96	-4.28	3.52	0.76	23.27
29	-82.74	38.40	-0.22	-22.69	-28.31	-36.22	-8.53	-4.66	2.56	25.00
30	-81.00	32.57	-0.22	-29.32	-27.02	-28.21	-12.51	-4.66	3.16	26.98
31	-73.66	21.19	-0.23	-35.28	-24.91	-17.16	-19.89	-4.56	4.45	27.25
32	-60.94	15.75	3.49	-39.77	-23.60	-12.24	-27.59	-4.56	4.45	27.67
33	-47.53	13.54	10.65	-44.84	-17.72	-10.58	-33.39	-4.56	3.35	27.91
34	-34.41	5.78	18.31	-45.81	-8.36	-6.23	-31.81	-3.96	2.65	28.13
35	-23.24	-4.07	27.26	-42.97	-5.40	0.61	-23.78	-3.77	1.65	28.82
36	-16.67	-12.11	33.44	-41.31	-2.28	3.31	-16.21	-3.77	1.05	27.22
37	-10.43	-15.43	40.36	-40.08	3.52	5.43	-9.81	-3.77	-1.76	21.84
38	-9.03	-11.84	42.35	-39.03	15.52	8.81	-1.68	-3.07	-3.18	17.80
39	-7.27	-51.85	46.20	-37.59	24.06	9.26	-0.59	-2.77	-12.29	12.66
40	-8.02	-60.28	51.75	-34.98	32.15	7.25	-1.98	-1.98	-13.26	7.07
41	-11.90	-64.45	54.87	-30.64	44.83	2.99	3.32	-3.08	-10.55	-0.85
42	-16.32	-70.28	57.34	-26.11	55.24	-4.42	6.13	-5.40	-1.96	-10.96
43	-21.57	-74.43	60.14	-24.94	66.88	-8.46	8.21	-8.64	5.16	-19.19
44	-16.68	-76.54	61.39	-26.61	68.87	-12.35	15.01	-12.82	9.32	-25.02
45	-10.42	-76.51	62.13	-34.64	77.26	-16.33	17.66	-19.82	19.66	-30.27
46	-7.94	-71.75	63.01	-38.64	81.36	-20.69	25.58	-24.88	26.59	-33.09
47	1.82	-68.02	63.15	-40.63	84.69	-40.53	27.93	-26.08	34.18	-39.64
48	5.88	-62.32	58.72	-78.06	91.21	-41.45	32.02	-34.41	40.45	-47.41
49	14.26	-56.40	51.73	-85.23	92.12	-39.02	35.59	-35.04	45.29	-57.98
50	24.85	-49.62	44.39	-88.04	86.82	-31.45	36.59	-37.12	49.47	-61.97

RECORD=S-213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-W
 SIGNAL=GR.ACC.
 CORRECTION=ZERO.ARC
 FORMAT NO.=301
 STATION=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	-70.85	26.44	28.69	-39.90	81.40	-59.55	28.20	11.25	-16.27	37.26
2	-71.55	24.54	29.61	-32.12	87.52	-36.82	23.47	12.00	-31.00	31.11
3	-68.47	20.52	33.73	-25.04	93.77	-14.96	37.66	14.51	-22.82	25.78
4	-66.05	14.11	36.57	-24.27	101.73	-14.12	42.30	16.54	-16.64	22.12
5	-60.41	11.02	37.33	-22.51	108.05	-136.99	48.42	18.59	-11.38	20.11
6	-57.53	10.45	38.58	-20.77	111.96	-155.57	54.62	20.83	-4.95	19.96
7	-56.84	10.89	38.88	-17.06	112.96	-172.62	61.13	21.92	-1.57	22.92
8	-51.67	17.46	38.88	-16.22	113.92	-172.44	64.05	21.87	2.33	29.35
9	-49.39	30.10	37.60	-22.68	116.82	-157.40	64.75	21.85	5.04	35.11
10	-66.85	36.28	34.44	-24.09	118.14	-151.31	66.40	19.72	8.34	37.75
11	-74.81	44.83	32.58	-26.26	117.23	-154.96	67.77	18.69	9.43	38.68
12	-75.29	44.48	31.17	-29.83	115.17	-147.88	68.59	18.41	9.62	39.97
13	-77.98	47.15	30.44	-36.01	113.28	-141.07	69.12	18.41	9.62	41.40
14	-85.22	48.17	29.79	-40.01	112.62	-134.65	70.53	18.40	10.34	43.37
15	-93.81	48.57	28.43	-42.31	112.01	-129.79	71.35	18.27	11.15	44.33
16	-110.38	47.74	26.48	-42.40	110.88	-127.12	74.30	16.27	12.37	44.33
17	-121.33	43.02	23.24	-41.03	109.84	-126.69	74.31	12.44	14.08	44.08
18	-128.62	36.39	17.33	-39.55	107.69	-126.76	83.96	10.74	15.98	43.56
19	-130.52	31.81	8.63	-37.14	104.43	-127.35	89.87	8.33	22.75	42.93
20	-128.41	20.50	2.82	-35.50	100.74	-128.70	99.34	-2.22	26.93	42.02
21	-124.96	12.15	0.13	-34.83	95.95	-129.38	111.88	-13.70	32.08	40.74
22	-120.74	4.09	-1.08	-33.00	91.11	-126.81	123.31	-27.15	42.05	38.37
23	-112.68	-2.90	-2.99	-28.86	88.92	-122.04	130.02	-41.87	54.55	35.77
24	-104.52	-8.10	-11.07	-27.52	88.21	-116.26	140.82	-60.42	63.26	33.34
25	-96.26	-8.89	-14.41	-27.99	88.44	-112.53	152.27	-80.93	70.31	29.68
26	-79.89	-8.29	-15.51	-30.70	90.11	-118.72	165.66	-102.30	74.32	27.08
27	-69.23	-1.00	-25.85	-39.80	92.27	-114.13	186.00	-138.89	76.73	25.07
28	-50.29	12.92	-33.41	-46.76	100.48	-99.25	208.20	-170.75	78.08	23.25
29	-38.32	19.54	-46.65	-49.30	103.79	-98.00	216.61	-193.53	78.26	20.84
30	-25.99	26.73	-61.85	-52.73	104.67	-92.55	222.35	-210.51	78.04	16.10
31	-14.20	28.16	-66.85	-56.30	103.93	-88.53	224.83	-229.52	77.74	12.45
32	0.98	35.54	-72.81	-54.60	100.99	-85.28	225.21	-242.26	78.94	5.26
33	5.84	41.06	-74.30	-46.56	98.95	-80.51	211.18	-225.06	83.66	-1.71
34	14.81	49.53	-74.88	-35.58	79.30	-74.29	194.87	-207.87	87.83	-7.70
35	31.27	55.82	-75.62	-25.10	62.11	-59.19	178.57	-190.68	89.83	-15.80
36	43.53	59.79	-77.21	-17.33	45.86	-52.65	162.26	-173.48	94.89	-26.60
37	51.71	62.52	-76.42	-9.11	31.90	-39.12	145.96	-156.29	101.70	-30.62
38	55.90	64.49	-72.60	8.27	24.34	-32.94	129.65	-139.09	109.27	-37.26
39	61.49	67.61	-68.98	19.35	20.89	-46.49	113.35	-121.90	111.74	-44.12
40	62.90	71.75	-62.44	27.52	12.67	-40.74	97.04	-104.71	112.56	-49.16
41	62.88	72.22	-56.95	33.33	5.67	-35.43	80.74	-87.51	112.77	-54.64
42	55.29	70.71	-54.29	39.57	-1.20	-30.79	64.43	-70.82	112.48	-54.11
43	51.14	67.13	-55.11	45.76	-3.56	-21.81	48.13	-53.12	110.02	-55.92
44	49.90	62.76	-59.35	52.98	-13.22	-13.26	34.40	-35.93	103.66	-56.82
45	47.56	57.82	-62.17	57.30	-19.45	-7.69	27.48	-18.74	99.93	-53.90
46	42.54	52.00	-62.94	61.04	-23.14	-0.98	21.86	-84.06	92.54	-50.38
47	37.02	45.42	-64.35	63.68	-30.43	4.35	15.75	-69.37	84.65	-47.78
48	36.92	38.14	-56.37	65.36	-37.31	12.34	12.48	-54.67	73.17	-44.42
49	36.29	31.25	-49.25	70.33	-43.51	13.32	11.03	-44.60	53.13	-41.49
50	33.48	28.58	-44.76	75.33	-60.34	23.80	11.03	-40.18	42.76	-38.95

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-37.09	20.17	-8.12	19.30	-4.80	27.04	23.46	-10.29	4.56	27.47
2	-34.04	17.68	-9.81	19.13	-9.22	28.88	23.38	-12.67	1.57	27.88
3	-28.76	13.52	-10.12	18.15	-11.25	32.91	22.00	-13.47	-2.43	27.83
4	-24.62	12.05	-10.43	17.21	-13.99	34.96	20.16	-14.15	-5.14	27.56
5	-20.65	8.10	-11.42	14.34	-19.15	35.33	13.87	-14.12	-6.56	27.46
6	-15.48	3.17	-11.85	12.93	-23.70	35.32	7.64	-11.24	-9.88	27.33
7	-10.55	0.17	-13.12	10.97	-26.35	35.32	-0.26	-7.29	-12.14	27.08
8	-2.73	0.83	-13.12	9.76	-29.39	35.03	-6.01	-2.25	-12.36	26.98
9	6.59	-2.54	-13.08	7.89	-34.72	34.12	-12.19	3.36	-13.98	26.35
10	10.88	-4.54	-11.87	7.89	-37.82	33.72	-19.53	7.37	-14.15	25.35
11	15.77	-5.74	-8.91	7.99	-39.89	33.42	-26.43	9.36	-14.34	24.93
12	16.15	-6.04	-0.83	8.33	-43.24	33.66	-31.08	10.37	-14.32	23.42
13	16.15	-5.94	0.57	11.00	-47.75	34.75	-35.55	11.57	-13.79	23.00
14	16.06	-5.93	3.78	11.81	-50.91	35.77	-39.09	12.62	-12.45	22.36
15	14.55	-4.54	7.99	16.34	-53.13	36.42	-42.11	15.01	-12.33	21.27
16	12.59	-3.34	9.81	24.10	-55.51	38.27	-46.37	16.71	-11.62	19.13
17	11.16	-2.35	11.81	26.57	-57.49	40.94	-50.84	19.59	-10.45	15.36
18	8.17	-1.85	13.32	32.55	-59.00	45.59	-53.40	20.30	-10.35	13.38
19	3.63	-1.85	14.68	37.05	-59.31	48.66	-55.03	21.08	-10.14	11.41
20	0.63	-1.35	15.06	42.07	-59.31	49.41	-55.69	21.53	-8.44	9.61
21	-0.17	-1.35	15.06	47.56	-57.75	50.68	-55.79	21.61	-8.66	7.44
22	-0.57	-1.36	14.87	50.72	-55.05	53.45	-54.83	22.42	-8.36	6.44
23	-1.47	-1.36	11.02	52.86	-52.85	56.76	-53.09	23.26	-8.36	5.44
24	-1.77	0.54	9.78	55.37	-51.01	59.43	-50.86	23.59	-7.86	3.85
25	-1.77	3.75	6.15	56.47	-48.61	60.70	-47.57	24.24	-7.46	3.75
26	-2.18	6.85	6.05	56.56	-43.86	62.21	-43.29	25.17	-6.57	3.74
27	-2.18	8.46	6.07	55.13	-37.96	63.52	-39.34	25.52	-6.06	3.74
28	-4.29	10.07	8.69	52.37	-32.67	65.52	-35.45	25.60	-4.46	3.74
29	-5.81	11.86	11.51	46.33	-23.64	66.06	-29.20	26.26	-2.47	4.75
30	-9.49	16.06	13.82	38.13	-16.77	65.99	-23.67	27.16	-0.98	6.74
31	-9.70	20.09	15.83	30.24	-11.03	64.05	-15.83	27.41	-0.58	7.36
32	-10.29	20.65	17.44	22.78	-7.19	61.37	-9.16	27.37	0.92	9.36
33	-10.29	19.77	17.44	18.80	-3.54	55.05	-1.11	27.16	1.72	10.75
34	-10.29	17.76	17.42	16.77	-3.54	48.72	3.00	26.90	2.82	11.68
35	-10.16	14.03	17.08	13.85	-3.54	42.54	9.63	26.96	3.42	13.63
36	-8.87	11.84	16.19	11.43	-4.04	35.56	11.81	27.35	3.92	21.00
37	-7.14	8.07	15.36	10.89	-4.35	29.58	12.68	27.63	4.92	21.84
38	-1.80	0.12	13.91	8.90	-5.125	28.92	15.49	28.65	5.83	22.88
39	-1.89	-1.89	13.35	6.23	-5.64	27.65	15.68	30.51	8.82	23.32
40	3.51	-4.60	11.43	4.93	-5.24	27.05	15.58	31.37	9.43	23.32
41	7.78	-7.50	11.42	2.94	-3.14	26.96	13.50	31.29	10.82	23.12
42	14.16	-7.69	11.44	1.94	-0.85	26.87	9.02	30.96	11.52	22.31
43	20.45	-7.79	11.94	1.33	0.35	26.27	5.65	29.56	15.65	21.39
44	24.19	-7.79	12.45	-0.17	5.17	25.73	1.67	28.79	20.30	20.99
45	25.08	-7.80	13.46	-1.47	9.58	25.31	-2.33	27.88	21.53	18.61
46	26.29	-7.90	14.68	-1.67	11.59	23.73	-4.04	27.20	22.77	15.91
47	25.94	-7.90	16.09	-2.07	13.27	23.52	-5.64	24.10	23.57	13.35
48	25.82	-8.20	19.13	-2.07	16.83	23.24	-7.05	16.29	24.96	10.47
49	23.25	-8.31	19.31	-2.18	21.58	23.15	-8.24	11.49	25.63	4.79
50	22.00	-8.61	19.31	-2.68	24.12	23.18	-8.66	8.51	27.14	1.40

RECORD=5-213 COMPONENT=E-W SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=HOSO.IJMA-S
DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=12100

RECORD=5-213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-H
 SIGNAL=GR.ACC.
 CORRECTION=ZERO.ARC
 STATION=MOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

NO.	(150n)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)
1	-2.60	12.93	13.04	20.74	20.48	12.72	14.97	6.91	12.32	18.47
2	-5.53	13.31	8.17	20.74	15.58	14.29	18.89	8.10	12.54	20.34
3	-10.57	13.31	4.32	20.68	14.16	14.93	20.19	8.70	10.77	20.52
4	-13.38	13.29	4.23	19.88	11.96	16.16	20.40	9.41	10.46	20.33
5	-15.41	12.66	7.14	16.85	8.98	16.13	20.60	10.38	8.60	18.10
6	-17.37	11.26	8.56	12.43	5.04	15.64	19.71	10.17	8.59	13.95
7	-18.34	9.82	10.58	9.45	4.94	15.24	17.63	9.32	8.32	12.27
8	-18.74	5.28	13.26	5.11	4.94	14.78	14.11	5.76	10.03	7.95
9	-19.16	0.90	17.05	2.12	4.24	13.12	10.49	2.68	11.82	3.60
10	-19.77	-1.70	19.15	-0.88	3.44	12.31	3.06	0.78	12.66	0.40
11	-20.51	-4.41	19.73	-2.88	3.23	10.94	-1.74	0.78	14.59	-1.50
12	-22.91	-6.61	21.18	-2.88	1.43	10.71	-4.06	0.17	14.65	-1.50
13	-26.24	-6.61	22.01	-2.88	-0.97	9.08	-10.35	-1.03	15.02	0.30
14	-27.94	-6.61	23.02	-1.18	-2.97	10.89	-15.05	-1.73	16.66	2.51
15	-30.12	-6.61	24.28	4.43	-5.32	12.71	-19.37	-1.33	17.82	8.53
16	-30.53	-6.61	27.03	8.42	-12.84	14.78	-23.45	-1.03	18.28	10.43
17	-30.53	-6.20	27.70	9.05	-14.72	17.82	-26.66	0.67	18.30	11.97
18	-30.16	-4.71	27.70	11.08	-15.93	20.41	-28.03	1.67	18.58	14.30
19	-27.96	-3.12	27.38	13.75	-18.60	21.25	-28.55	3.07	18.58	14.58
20	-24.38	-2.71	25.34	14.64	-18.88	22.39	-26.39	4.07	18.57	16.85
21	-21.91	-0.02	22.60	15.39	-18.69	23.04	-24.38	6.26	18.57	22.49
22	-15.33	4.60	18.59	17.13	-16.31	24.71	-20.71	6.66	18.54	22.65
23	-9.51	9.21	16.72	19.11	-14.90	25.38	-16.25	6.75	18.13	24.04
24	-2.84	11.27	9.23	20.53	-13.11	26.56	-13.89	6.65	17.59	24.66
25	-0.94	14.67	0.98	21.92	-10.97	26.56	-3.16	6.04	16.42	25.68
26	0.06	17.15	-6.37	23.09	-10.19	26.48	-0.26	4.14	15.60	26.41
27	6.07	23.02	-12.81	23.93	-10.19	25.07	4.76	0.75	14.45	26.79
28	8.99	25.27	-15.53	25.08	-10.31	24.49	10.59	-2.26	14.14	28.05
29	11.06	27.83	-19.60	26.90	-10.93	22.74	12.87	-4.98	13.61	18.23
30	11.34	32.04	-23.18	30.76	-12.23	21.03	16.96	-9.23	12.43	16.23
31	14.41	35.37	-27.37	33.25	-13.30	18.16	20.61	-13.04	11.62	13.90
32	15.65	36.30	-32.45	34.29	-13.30	16.04	21.56	-15.26	10.41	13.31
33	15.60	38.22	-40.59	34.88	-13.28	14.68	23.14	-17.32	8.55	10.46
34	14.59	42.35	-47.65	34.88	-12.63	11.85	26.37	-19.77	8.55	10.45
35	11.15	45.15	-53.48	33.94	-10.50	10.27	26.62	-20.98	8.54	9.74
36	4.32	46.06	-61.08	30.48	-9.99	8.67	26.38	-20.98	8.03	9.46
37	-1.66	47.49	-67.05	27.28	-9.01	6.39	24.76	-19.10	6.54	8.45
38	-3.58	48.05	-67.24	22.54	-8.91	5.21	22.76	-18.19	6.03	8.03
39	-8.62	48.35	-67.24	18.04	-8.93	7.01	20.53	-16.96	4.55	6.44
40	-12.23	48.45	-65.07	16.23	-9.71	7.41	18.27	-15.08	5.84	4.45
41	-12.77	48.05	-61.60	15.58	-9.60	8.31	13.69	-13.08	6.55	3.55
42	-12.77	47.45	-54.47	15.74	-8.96	8.82	10.74	-10.58	7.85	3.55
43	-12.67	46.41	-47.00	17.22	-5.40	10.29	7.77	-6.65	8.55	0.35
44	-9.54	44.11	-40.53	20.98	-4.32	9.96	4.59	-3.28	9.84	-1.56
45	-2.67	41.22	-33.59	21.27	0.86	8.49	1.80	-3.28	10.24	-3.46
46	-0.78	38.25	-23.39	22.34	3.58	8.40	0.20	-1.38	10.56	-3.46
47	1.22	34.51	-12.31	22.96	6.78	8.81	0.30	2.42	11.85	-3.46
48	7.23	29.89	-2.14	22.93	7.40	10.30	1.00	6.63	12.57	-3.46
49	8.66	23.65	10.00	22.56	8.90	11.03	3.50	8.64	14.02	-3.46
50	11.26	18.95	17.28	21.68	10.72	12.85	6.20	10.65	16.25	-3.47

RECORD=S-213 COMPONENT=E-W SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=HOSOJIMA-S
 DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=12100

NO.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	-4.87	5.66	-13.27	20.94	24.33	-2.00	-15.60	11.63	-9.75	11.35
2	-4.87	7.87	-11.39	21.63	25.96	-2.00	-15.89	11.89	-9.14	11.35
3	-5.17	9.66	-9.37	22.17	25.55	-0.00	-15.95	13.88	-8.05	11.24
4	-5.37	10.39	-5.33	22.17	23.83	3.80	-17.13	15.25	-7.25	11.04
5	-5.39	12.45	-3.65	22.16	21.54	6.01	-17.71	15.92	-6.07	10.75
6	-8.78	15.78	-3.65	22.00	17.32	7.60	-18.02	17.77	-6.07	10.85
7	-9.41	18.44	-3.65	21.34	13.51	7.99	-19.64	19.91	-6.07	10.84
8	-11.43	19.78	-5.15	20.08	11.71	8.12	-18.89	20.96	-5.57	10.84
9	-13.38	20.42	-5.56	19.17	9.38	10.03	-17.49	21.45	-6.07	10.86
10	-13.44	22.55	-6.98	18.12	-0.43	12.09	-15.80	22.23	-5.08	11.44
11	-14.81	25.14	-9.39	17.50	-3.85	15.32	-13.90	26.07	-6.09	11.64
12	-15.29	31.16	-10.97	15.18	-9.77	16.09	-13.72	27.98	-7.48	11.63
13	-15.39	34.83	-11.56	13.57	-11.79	18.12	-11.67	30.16	-7.98	11.66
14	-15.39	34.61	-11.56	11.55	-13.82	19.98	-6.99	31.65	-8.08	12.73
15	-15.39	35.48	-11.45	8.11	-15.84	20.15	-5.60	32.09	-8.10	12.83
16	-15.38	35.28	-17.52	5.23	-17.74	21.97	-4.01	33.10	-9.29	12.69
17	-15.10	33.83	-3.67	2.24	-17.74	22.15	-4.01	32.80	-9.27	11.63
18	-13.15	31.88	-3.66	0.14	-17.72	23.88	-2.11	31.80	-8.09	11.62
19	-9.38	29.88	-1.77	-1.76	-17.41	25.61	-0.72	31.38	-8.08	11.45
20	-8.44	27.40	0.23	-2.76	-16.87	27.21	1.28	29.42	-7.18	8.90
21	-4.88	23.87	6.23	-5.46	-15.72	28.27	1.78	27.15	-6.09	7.61
22	-1.60	21.30	6.23	-5.66	-15.18	29.78	1.88	23.18	-5.29	7.08
23	0.40	20.28	7.42	-5.66	-13.75	29.82	1.88	19.02	-4.19	3.61
24	4.21	19.96	7.41	-5.67	-13.67	29.85	1.87	15.77	-2.70	3.11
25	7.50	19.41	6.22	-5.67	-11.75	27.89	-0.63	15.45	-0.50	-0.39
26	7.90	18.40	6.10	-5.67	-11.74	27.30	-2.13	14.83	1.50	-0.39
27	8.39	19.75	4.21	-5.57	-11.12	26.14	-2.83	13.77	3.70	-0.39
28	8.38	20.00	2.31	-4.97	-9.75	27.29	-4.04	13.32	5.71	-0.89
29	8.08	20.45	0.11	-3.77	-9.26	27.44	-5.74	11.78	7.59	-1.30
30	7.46	22.03	-1.89	-3.77	-8.86	27.13	-7.15	11.72	7.69	-2.40
31	5.47	22.74	-4.01	-2.47	-8.86	25.95	-7.96	9.77	7.73	-2.40
32	3.48	26.60	-9.67	0.12	-8.85	25.95	-9.24	9.47	10.80	-2.40
33	1.88	28.64	-13.67	4.13	0.03	25.65	-9.15	9.05	11.39	-2.40
34	-0.12	30.29	-15.70	6.13	3.23	23.77	-9.41	7.77	11.72	-0.90
35	-1.73	29.21	-17.60	8.14	5.43	23.09	-7.94	7.77	13.10	-0.90
36	-2.23	23.87	-17.60	9.92	6.04	21.74	-7.84	7.56	13.66	2.79
37	-3.53	19.53	-17.54	10.11	7.12	19.86	-7.33	6.85	13.16	3.60
38	-3.53	12.00	-16.64	10.11	7.11	18.23	-5.94	5.75	12.74	3.60
39	-3.53	6.34	-15.50	10.11	6.02	7.87	-4.05	3.26	11.66	7.09
40	-3.53	1.78	-13.18	10.11	6.02	3.02	-4.05	1.26	11.13	7.61
41	-3.54	-3.64	-4.70	10.13	5.92	-2.97	-4.05	-1.14	9.67	9.19
42	-3.54	-9.60	-2.01	11.31	5.61	-5.90	-2.66	-2.75	9.67	9.51
43	-3.54	-13.58	1.59	11.71	4.01	-9.95	-2.16	-6.08	9.66	11.00
44	-3.54	-15.05	8.24	12.16	4.01	-13.74	-2.16	-9.85	9.46	11.61
45	-1.64	-17.66	12.25	14.16	3.91	-15.29	1.64	-10.09	9.17	12.71
46	-1.64	-19.53	14.27	15.63	3.71	-15.59	3.84	-12.05	9.66	13.58
47	0.35	-19.52	16.29	18.24	3.11	-15.88	5.85	-12.03	9.89	13.63
48	2.35	-19.26	18.18	20.27	2.00	-15.88	7.86	-11.32	11.37	14.90
49	3.75	-17.13	18.32	22.30	1.10	-15.88	7.86	-10.06	11.66	15.34
50	4.35	-15.43	20.24	24.09	-0.70	-15.87	9.87	-10.05	11.65	14.68

RECORD-S-213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-W
 SIGNAL=GR.ACC.
 SAMPLING INTERVAL= 0.010(SEC)
 CORRECTION=ZERO.ARC
 FORMAT NO.=301
 STATION=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12107

No.	(2500)	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)
1	12.80	-0.72	20.56	2.81	1.22	17.02	3.05	14.39	-5.03	16.79
2	11.02	-2.52	13.12	2.81	0.92	15.13	3.05	12.96	-5.03	16.46
3	9.43	-2.52	8.41	2.80	0.32	13.12	5.04	12.96	-5.02	18.03
4	7.54	-2.52	3.38	-0.70	-0.78	18.19	5.04	12.96	-3.13	18.59
5	5.55	-2.52	1.29	-0.70	-1.09	8.41	5.05	12.95	-1.73	18.78
6	3.25	-0.73	-0.71	-1.10	-2.79	7.10	7.04	12.95	-1.13	18.89
7	1.06	0.53	-2.62	-2.70	-2.79	5.22	7.04	12.95	-1.14	20.29
8	0.31	0.87	-4.52	-3.01	-2.69	4.52	7.04	12.95	0.66	20.38
9	-0.45	1.47	-4.53	-4.61	-3.29	4.52	7.03	12.95	0.86	20.37
10	-1.35	3.47	-5.85	-4.61	-3.70	4.52	7.03	12.94	2.86	20.36
11	-2.95	4.87	-6.44	-4.61	-4.70	4.62	7.04	12.94	4.66	20.26
12	-4.35	5.46	-8.45	-4.61	-4.70	4.61	8.23	12.93	4.87	20.06
13	-4.36	5.47	-10.23	-4.61	-4.70	4.61	8.23	12.52	6.87	18.85
14	-6.27	7.26	-10.48	-4.62	-4.70	4.61	8.11	8.94	8.65	18.53
15	-7.76	7.46	-12.43	-4.62	-4.70	4.61	7.02	8.79	8.87	16.74
16	-8.26	7.35	-12.48	-4.62	-4.70	4.60	7.04	6.01	10.26	14.58
17	-8.26	6.95	-13.82	-4.62	-3.61	3.21	8.32	2.83	10.88	8.74
18	-8.14	6.54	-13.49	-4.62	-3.21	3.10	8.42	1.03	12.26	7.79
19	-6.25	5.45	-12.37	-4.62	-2.81	1.10	8.42	-0.97	12.65	2.65
20	-4.37	5.44	-10.25	-4.63	-2.81	1.10	8.71	-2.97	12.84	-3.55
21	-4.37	4.54	-6.33	-4.62	-2.80	-2.90	8.71	-3.88	12.84	-4.15
22	-4.37	3.44	-4.54	-3.63	3.19	-3.71	8.41	-6.29	12.89	-5.18
23	-4.37	3.14	-4.53	-3.33	5.18	-4.80	8.19	-8.48	14.34	-11.16
24	-3.07	1.44	-0.85	-2.93	5.19	-4.83	7.01	-8.91	14.55	-15.24
25	-2.47	0.74	3.36	-2.73	7.20	-8.77	7.01	-10.93	14.83	-19.12
26	-2.48	0.54	7.40	-2.74	9.21	-12.85	7.00	-12.69	14.83	-22.34
27	-2.48	1.34	11.46	-2.74	11.28	-16.94	7.01	-12.95	14.90	-25.71
28	-2.48	2.83	15.45	-2.74	15.08	-20.71	8.20	-14.70	16.26	-28.56
29	-2.48	3.44	17.46	-2.74	17.60	-22.94	8.80	-14.97	16.84	-29.82
30	-2.89	4.93	19.16	-2.74	19.17	-25.18	9.00	-16.70	17.11	-34.55
31	-4.38	5.44	19.34	-2.74	19.28	-28.22	9.00	-16.89	18.45	-39.33
32	-4.40	7.45	19.34	-1.35	20.57	-28.72	10.40	-16.99	18.82	-40.44
33	-8.32	7.45	19.34	1.25	20.57	-28.72	10.40	-18.52	18.93	-40.77
34	-10.19	9.13	19.27	3.25	20.55	-28.74	10.80	-18.90	20.25	-40.18
35	-10.32	9.46	18.36	5.05	20.35	-29.00	11.04	-18.90	20.63	-38.78
36	-11.46	11.48	17.03	5.26	19.16	-29.57	13.05	-18.90	20.93	-37.57
37	-10.30	13.58	12.37	7.26	18.14	-28.14	14.79	-18.90	22.11	-34.87
38	-10.29	17.54	7.33	8.95	19.01	-26.62	15.88	-18.90	22.11	-30.75
39	-9.87	19.32	7.32	9.24	18.66	-25.58	17.10	-18.90	21.97	-28.42
40	-8.27	19.58	6.60	9.24	17.15	-22.51	18.89	-18.78	20.81	-27.35
41	-6.29	21.81	3.32	9.24	17.15	-19.54	18.98	-18.59	20.76	-22.76
42	-5.40	25.32	3.32	9.22	17.15	-16.15	18.98	-18.03	20.17	-16.01
43	-4.40	25.58	3.02	8.51	17.15	-14.53	18.97	-16.91	18.80	-12.71
44	-2.70	26.73	3.02	7.11	17.15	-12.11	18.96	-16.88	18.76	-9.19
45	-0.51	27.40	2.92	5.23	17.14	-8.00	18.73	-16.22	18.19	-5.17
46	0.79	27.10	2.92	4.32	17.14	-4.84	16.97	-12.87	16.79	-1.29
47	1.49	25.22	2.91	3.23	17.14	-4.84	16.96	-8.91	16.69	0.71
48	2.88	23.40	3.01	3.12	17.14	-2.94	16.82	-8.30	15.64	0.71
49	1.48	23.64	3.01	2.72	17.14	-1.15	16.10	-6.92	16.69	0.70
50	-0.52	22.72	3.01	2.32	17.14	-0.95	14.94	-6.41	16.69	0.70

NO.	(3000)	(3050)	(3100)	(3150)	(3200)	(3250)	(3300)	(3350)	(3400)	(3450)
1	0.40	29.50	6.23	13.69	9.28	2.78	7.21	10.51	2.85	11.60
2	-0.20	27.45	6.53	12.26	9.98	1.78	7.71	9.98	4.25	9.96
3	-1.30	25.97	7.62	9.82	10.68	-0.53	8.21	8.59	5.84	6.64
4	-1.70	24.98	8.32	9.30	11.80	-0.63	9.42	7.60	6.53	5.82
5	-1.91	23.82	8.83	7.92	13.42	-0.84	10.80	7.08	7.44	4.02
6	-2.21	21.62	10.11	7.31	15.48	-1.24	11.41	5.59	8.53	1.03
7	-3.31	20.78	10.82	6.91	18.06	-1.45	12.41	4.88	9.23	1.33
8	-3.31	20.34	11.92	6.30	19.66	-1.26	13.44	3.57	10.22	1.72
9	-1.91	18.51	13.04	5.69	20.08	-1.66	15.21	1.58	10.83	0.81
10	-1.71	16.02	14.55	4.69	20.83	-2.57	16.35	0.17	11.92	0.51
11	-1.32	14.61	16.14	4.28	21.99	-4.48	19.54	-1.73	12.83	0.00
12	-1.32	12.61	17.46	2.28	22.77	-5.68	21.55	-3.14	13.87	-1.20
13	-0.22	10.02	20.25	0.68	23.54	-6.29	21.69	-4.65	15.66	-1.71
14	0.68	6.85	21.31	-0.73	25.32	-7.80	22.60	-6.76	17.13	-3.21
15	2.48	3.09	22.27	-1.73	25.51	-9.05	22.83	-7.78	19.25	-4.22
16	2.67	0.89	22.60	-3.24	25.71	-11.22	23.80	-9.79	20.22	-5.53
17	2.68	-1.72	23.87	-5.55	25.99	-12.07	25.26	-11.59	20.77	-6.24
18	4.47	-3.93	24.22	-7.27	26.69	-14.27	26.80	-12.70	21.12	-7.47
19	4.67	-7.03	24.96	-9.47	28.76	-15.74	27.65	-13.72	22.77	-11.36
20	4.66	-8.63	25.88	-10.48	28.76	-16.52	29.69	-14.87	24.59	-12.38
21	6.27	-9.66	26.38	-11.35	28.74	-18.07	31.31	-16.97	25.97	-13.51
22	6.68	-11.78	27.37	-14.43	26.65	-18.57	31.45	-20.21	28.95	-15.25
23	7.87	-13.91	27.72	-15.69	26.64	-16.22	31.75	-21.67	31.73	-17.58
24	8.10	-15.97	27.83	-15.88	26.64	-13.91	32.07	-22.36	32.53	-21.29
25	10.84	-16.83	27.99	-15.85	26.58	-12.88	32.41	-22.86	33.06	-22.61
26	14.14	-16.83	28.05	-15.16	26.31	-10.73	32.51	-23.28	34.09	-22.96
27	15.98	-17.15	28.31	-14.40	26.22	-9.41	32.15	-22.72	36.08	-22.72
28	16.39	-17.45	27.96	-14.39	26.24	-6.33	31.34	-20.81	37.18	-22.02
29	17.20	-17.69	27.85	-13.97	26.41	-1.47	30.40	-19.31	37.94	-21.13
30	19.54	-17.09	27.75	-12.98	26.42	3.54	28.16	-17.61	38.64	-19.14
31	20.57	-16.29	27.53	-11.74	26.50	7.53	27.07	-16.93	39.11	-16.79
32	20.83	-15.50	26.76	-8.79	26.49	8.81	25.64	-14.87	36.79	-14.44
33	21.99	-14.08	26.04	-6.22	26.49	8.92	25.01	-12.84	35.33	-12.59
34	23.36	-13.31	24.71	-4.64	26.33	9.50	24.18	-8.94	33.25	-7.51
35	24.37	-12.19	23.69	-3.94	26.82	9.38	23.07	-7.37	30.85	-5.43
36	25.43	-7.31	22.61	-2.35	27.07	8.61	21.10	-6.97	27.87	-3.84
37	27.43	-4.44	22.38	-0.96	27.03	4.76	19.32	-6.97	26.39	-3.64
38	31.73	-3.35	22.02	0.04	26.70	1.57	19.49	-5.38	24.33	-2.25
39	32.62	-1.55	22.02	2.63	25.56	0.57	19.49	-5.09	23.57	-0.25
40	33.57	0.15	22.11	3.83	23.49	-0.64	19.51	-4.10	22.45	1.14
41	34.76	1.15	22.12	4.62	20.88	-1.94	19.78	-3.50	21.89	3.03
42	35.34	2.54	22.29	4.82	20.39	-3.45	19.73	-3.11	21.65	3.03
43	36.07	3.04	22.19	5.41	19.65	-4.95	19.18	-3.11	21.19	3.52
44	36.71	2.94	22.16	5.80	17.65	-5.46	18.18	-3.12	21.08	3.72
45	37.57	2.84	22.96	5.60	15.24	-5.55	17.24	-2.93	20.89	4.32
46	37.68	3.84	21.76	6.00	13.72	-2.77	17.01	-2.53	20.85	5.11
47	36.83	4.24	21.44	6.70	11.77	-0.87	16.40	-1.44	20.22	5.51
48	35.47	4.83	19.12	7.99	10.71	0.22	15.70	-1.04	17.66	6.10
49	33.48	5.14	16.28	7.59	7.25	3.22	14.84	-0.85	14.99	6.49
50	32.10	6.23	14.89	6.78	3.79	5.42	11.40	1.25	13.57	6.79

RECORD=S-213. COMPONENTE=W. SIGNAL=GR.ACC. CORRECTION=ZERO.ARC. STATION=HOSOJIMA-S. DATE AND TIME=1968-04-01-09-42. SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=12100

RECORD=S*213	COMPONENT=E-W	SIGNAL=GR.ACC.	CORRECTION=ZERO.ARC	STATION=HOSOJIMA-S						
DATE AND TIME=1968-04-01-09-42	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=12100							
0.	(350n)	(3550)	(360n)	(3650)	(3700)	(3750)	(3800)	(3850)	(3900)	(3950)
1	7.49	1.99	17.87	10.88	13.83	-5.33	1.99	17.04	7.62	2.05
2	8.08	1.09	18.47	11.69	15.09	-5.73	2.59	17.31	7.22	1.74
3	8.39	0.09	19.20	12.63	15.71	-5.04	2.78	17.36	6.91	1.74
4	9.29	-1.32	20.27	15.19	16.58	-4.24	3.08	16.94	6.31	1.63
5	10.28	-1.93	21.91	18.21	17.16	-3.93	3.88	16.31	6.01	1.42
6	11.18	-3.33	23.77	18.90	17.60	-2.35	4.57	15.30	6.00	1.02
7	12.06	-3.94	26.05	22.28	18.46	0.64	4.86	14.19	5.99	0.61
8	12.61	-5.34	29.38	23.16	18.84	2.24	5.35	12.76	5.79	0.21
9	14.22	-6.05	31.37	23.81	19.11	2.83	5.36	10.71	5.78	-0.30
10	15.86	-7.58	32.16	24.52	19.13	3.63	6.05	9.42	5.67	-0.70
11	16.44	-10.68	33.88	22.68	19.42	4.62	6.44	8.09	5.22	-0.51
12	18.07	-12.08	34.68	20.06	19.59	4.71	6.54	5.71	4.77	-0.51
13	18.70	-12.71	35.46	17.65	19.57	4.91	6.91	3.32	4.76	-0.42
14	19.78	-14.15	36.25	15.89	19.35	5.31	5.99	0.94	4.66	-0.32
15	21.49	-16.56	37.17	12.26	19.05	5.89	4.21	0.58	4.66	-0.33
16	22.25	-18.19	37.80	8.53	18.69	5.89	3.70	0.23	5.15	0.07
17	22.80	-19.97	37.96	-6.65	17.92	5.88	3.20	-0.28	5.44	0.96
18	23.64	-21.04	37.07	-5.75	17.43	5.88	2.79	-1.38	5.74	1.46
19	24.01	-21.45	35.79	-3.22	17.14	5.87	2.49	-1.79	5.83	2.45
20	24.23	-20.79	35.04	-0.67	17.02	5.87	2.48	-2.00	6.23	2.95
21	24.62	-20.48	33.32	3.13	16.73	5.85	2.08	-1.80	6.54	3.34
22	25.01	-19.91	30.89	3.82	16.62	5.35	1.77	-0.91	7.42	4.05
23	25.18	-18.34	28.06	4.67	16.41	4.85	1.07	-0.31	7.71	5.33
24	24.75	-16.92	27.14	5.50	16.11	4.75	0.26	0.18	7.92	5.75
25	24.71	-14.53	25.34	5.09	15.92	5.56	-1.44	0.48	8.61	7.33
26	24.48	-11.59	23.89	4.59	15.91	6.74	-1.95	0.97	9.10	8.03
27	24.09	-9.02	22.63	3.98	15.89	7.34	-2.35	1.87	9.39	8.72
28	23.74	-6.15	21.64	3.48	15.61	8.03	-1.56	3.37	9.69	9.22
29	23.14	-4.36	21.41	3.28	15.69	8.56	-1.16	4.17	9.87	9.94
30	22.58	-1.37	20.97	3.27	15.59	10.13	0.43	5.26	9.87	11.12
31	22.29	-0.17	20.28	3.16	15.57	10.75	2.13	5.85	9.95	11.83
32	22.01	1.42	19.70	2.86	15.37	11.81	3.53	6.45	9.74	12.91
33	21.23	1.82	19.28	2.96	15.26	12.11	4.62	7.24	9.43	13.60
34	20.64	2.22	18.66	2.95	15.03	12.40	5.21	7.83	8.88	14.07
35	20.20	3.21	17.78	3.65	14.58	12.68	5.61	8.14	8.33	14.16
36	20.27	3.91	15.98	4.64	13.01	12.55	6.42	8.74	7.93	14.30
37	20.18	5.00	12.78	5.24	12.00	11.95	7.72	9.63	7.71	14.94
38	20.15	5.30	11.97	5.64	10.89	11.53	9.10	10.12	7.10	14.80
39	19.96	5.89	11.14	6.43	9.46	10.64	9.48	10.51	6.31	14.23
40	19.88	6.48	9.55	7.21	7.02	10.02	9.69	10.89	6.10	14.32
41	18.97	6.47	7.97	7.11	6.39	9.03	10.19	10.89	5.89	15.54
42	16.94	6.58	7.04	7.21	4.00	8.49	10.83	10.85	5.39	15.73
43	14.28	7.27	4.55	7.61	1.22	6.69	12.61	10.05	4.98	15.91
44	13.06	7.68	1.17	7.91	0.51	4.42	13.58	9.27	4.38	15.91
45	11.44	8.68	1.16	8.51	-0.59	3.22	14.06	9.26	3.88	15.90
46	9.08	9.79	-0.64	9.43	-1.40	2.31	14.38	9.24	3.68	15.90
47	7.09	11.28	-3.04	11.10	-2.80	1.31	15.09	8.74	3.57	15.87
48	5.51	12.40	-5.05	11.79	-3.21	1.01	15.87	8.45	3.06	15.58
49	5.28	14.03	-7.07	12.50	-4.22	0.61	16.35	8.43	2.86	15.58
50	2.40	15.96	-10.37	13.00	-4.72	1.80	16.74	8.12	2.35	15.57

RECORD=S-213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-W
 SIGNAL=GR.ACC.
 INTERVAL= 0.010(SEC)
 CORRECTION=ZERO ARC
 FORMAT NO.=301
 STATION=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

NO.	(4000)	(4050)	(4100)	(4150)	(4200)	(4250)	(4300)	(4350)	(4400)	(4450)
1	15.58	-15.89	21.07	-7.77	22.74	-3.14	21.79	0.10	6.48	12.20
2	15.76	-15.18	20.65	-7.38	22.71	-3.14	21.22	0.80	5.31	11.61
3	15.76	-13.67	18.51	-6.78	22.50	-3.15	20.79	1.49	5.10	11.21
4	15.73	-10.93	18.76	-4.79	22.84	-3.15	20.20	1.79	4.69	11.02
5	15.44	-10.53	17.65	-3.60	22.41	-2.76	19.69	2.89	4.28	10.90
6	15.29	-10.14	17.33	-2.00	22.31	-2.77	19.01	3.48	3.59	10.69
7	14.67	-9.45	16.84	-0.11	22.28	-2.37	16.97	3.99	3.28	10.29
8	13.80	-9.24	16.55	-0.61	22.06	-2.38	14.28	5.17	3.17	9.97
9	13.42	-6.85	16.33	0.48	21.70	-1.88	12.30	5.60	2.56	9.47
10	13.31	-4.86	16.06	0.68	20.93	-0.49	11.71	7.47	1.66	9.08
11	13.19	-4.57	16.14	1.27	19.65	0.51	11.30	8.18	1.16	8.88
12	12.89	-4.18	16.04	1.77	17.55	1.71	10.76	9.27	0.25	8.76
13	12.67	-2.08	15.63	2.36	13.67	2.41	9.66	9.98	-0.75	8.37
14	12.20	0.81	15.49	2.86	11.94	3.79	8.48	11.06	-1.06	8.46
15	12.27	1.01	15.01	3.96	8.10	4.20	7.64	11.79	-1.46	8.36
16	11.97	1.40	14.81	5.26	6.10	5.41	6.96	12.95	-2.17	8.45
17	11.75	1.60	14.60	6.58	3.68	7.16	5.88	13.46	-2.87	8.35
18	11.75	2.11	14.31	8.40	-1.66	10.14	5.34	14.17	-4.78	8.34
19	11.37	4.29	12.98	10.60	-3.36	11.62	-1.22	14.94	-6.58	8.34
20	11.36	4.58	12.53	12.32	-5.26	12.84	-3.03	15.46	-6.89	8.33
21	11.34	4.78	11.44	14.00	-7.07	13.48	-4.33	16.19	-12.77	8.33
22	11.04	5.01	10.31	15.23	-8.28	15.90	-4.74	17.20	-10.59	8.43
23	10.94	7.27	8.63	16.82	-9.39	16.62	-6.34	17.68	-8.81	8.72
24	10.88	7.77	7.24	19.09	-10.35	18.45	-8.25	17.39	-8.91	8.81
25	9.73	11.71	5.77	20.90	-18.42	19.64	-10.07	17.58	-8.92	8.82
26	9.52	12.94	1.06	23.07	-21.56	22.13	-12.38	17.63	-8.92	9.11
27	9.30	14.45	0.25	24.37	-24.36	23.95	-14.17	17.30	-8.93	9.41
28	8.57	14.65	-3.15	26.05	-28.64	25.14	-14.39	16.81	-8.93	9.89
29	7.33	14.90	-4.75	27.38	-31.94	27.45	-15.59	16.37	-8.94	9.99
30	6.78	15.86	-8.76	28.23	-34.35	27.82	-16.31	15.71	-8.95	10.10
31	5.58	16.22	-8.87	28.65	-38.47	28.78	-17.41	15.43	-9.35	10.57
32	4.35	16.22	-11.21	29.51	-42.27	29.54	-18.22	15.43	-9.66	10.66
33	1.37	15.53	-15.13	30.50	-43.94	30.14	-18.93	15.41	-9.76	10.66
34	-1.22	16.64	-17.15	31.87	-44.07	30.74	-19.63	15.28	-8.96	10.75
35	-3.22	17.01	-18.96	32.88	-42.73	31.17	-20.21	14.83	-8.17	10.77
36	-5.33	17.28	-20.45	33.41	-39.33	31.16	-20.22	13.98	-7.28	11.15
37	-7.44	18.09	-21.59	33.98	-34.15	31.02	-20.19	13.66	-6.78	11.34
38	-10.65	18.25	-23.13	34.41	-31.23	30.60	-18.56	13.17	-5.39	11.66
39	-11.97	18.87	-25.82	34.77	-28.66	30.42	-16.24	12.83	-4.19	11.93
40	-13.86	18.92	-25.91	35.07	-23.46	30.09	-16.24	11.98	-0.39	12.02
41	-14.37	19.50	-25.70	34.90	-19.46	29.17	-12.84	11.96	1.80	12.01
42	-14.98	20.08	-23.61	34.60	-15.06	28.44	-12.35	11.63	2.29	12.02
43	-15.80	21.68	-22.28	34.39	-9.89	27.76	-12.22	10.91	2.79	12.21
44	-16.80	22.52	-21.60	33.74	-9.19	27.32	-9.66	9.92	3.40	12.41
45	-17.40	22.94	-21.12	31.25	-8.10	26.45	-8.86	9.23	5.06	12.60
46	-17.99	23.03	-20.75	28.00	-5.91	25.71	-7.27	8.70	9.08	12.70
47	-17.96	23.53	-19.11	25.94	-3.92	25.11	-5.18	7.63	11.67	12.86
48	-17.28	23.44	-16.14	24.18	-3.12	24.19	-4.48	7.43	11.80	12.67
49	-16.79	22.89	-12.42	24.13	-3.13	23.56	-0.49	7.22	12.45	12.55
50	-16.39	22.05	-9.26	23.38	-3.13	22.73	-0.49	6.91	12.43	12.24

NO.	RECORD-S-213										STATION=HOSOJIMA-S													
	DATE AND TIME=1968-04-01-09-42					COMPONENT=E-W					SIGNAL=GR.ACC.					CORRECTION=ZERO.ARC					TOTAL NUMBER OF DATA=12100			
	(4500)	(4550)	(4600)	(4650)	(4700)	(4750)	(4800)	(4850)	(4900)	(4950)		(4500)	(4550)	(4600)	(4650)	(4700)	(4750)	(4800)	(4850)	(4900)	(4950)			
1	11.87	4.38	10.57	-3.68	2.21	-0.35	4.98	-1.81	6.29	-3.57														
2	10.61	4.37	9.99	-1.69	0.61	0.05	5.40	-0.91	5.90	-2.28														
3	9.91	4.48	8.17	-1.39	-0.98	0.74	6.49	0.29	5.90	-1.88														
4	9.21	5.17	7.95	-0.69	-1.19	1.04	7.38	0.97	5.89	-1.28														
5	8.61	5.56	7.20	1.79	-1.79	1.28	8.09	0.67	5.89	-0.49														
6	8.10	5.95	5.34	1.79	-2.20	1.22	8.97	0.66	5.88	0.41														
7	7.29	6.15	4.35	2.18	-3.30	1.32	9.59	0.66	5.87	1.40														
8	6.48	6.34	3.73	2.48	-3.91	1.43	10.54	0.85	5.86	2.11														
9	5.39	6.33	2.44	3.08	-4.31	2.62	10.64	1.04	5.76	3.40														
10	4.60	6.43	2.04	3.47	-5.42	3.21	10.92	1.05	5.76	4.09														
11	4.50	6.72	1.73	3.66	-6.22	3.80	10.91	1.93	5.85	4.61														
12	4.28	6.82	0.83	3.75	-6.53	4.01	10.91	1.93	5.85	5.79														
13	3.35	7.12	0.29	3.85	-6.54	4.99	10.87	1.92	5.84	6.52														
14	1.27	7.52	-0.29	4.04	-6.54	5.24	10.38	2.02	5.74	7.99														
15	0.34	7.91	-3.68	4.24	-6.35	7.20	10.06	2.62	5.83	8.71														
16	0.07	8.30	-3.99	4.35	-5.85	7.99	9.46	2.62	5.79	9.78														
17	-0.64	8.40	-3.80	5.33	-4.66	8.59	8.93	3.41	4.91	10.33														
18	-1.04	8.72	-3.71	5.73	-3.96	9.16	8.03	4.01	4.51	10.30														
19	-1.75	9.44	-3.80	6.12	-3.71	9.17	7.06	4.49	4.29	11.28														
20	-2.35	8.88	-3.61	6.45	-2.17	9.47	6.74	4.62	3.78	11.34														
21	-3.56	9.09	-3.62	7.85	-1.08	9.87	6.02	6.00	3.07	11.64														
22	-4.96	9.69	-3.62	11.52	0.58	10.36	4.80	6.81	2.06	12.10														
23	-5.37	10.28	-3.63	11.97	0.11	10.85	2.92	7.80	0.26	13.14														
24	-5.57	10.93	-3.43	13.13	0.71	11.24	1.43	8.62	-1.73	13.54														
25	-6.08	12.24	-3.04	13.68	1.10	13.00	0.82	9.79	-3.63	14.02														
26	-6.88	12.26	-2.65	13.69	1.29	14.00	-0.08	10.36	-4.53	14.30														
27	-7.19	-12.66	-2.45	13.90	1.39	14.92	-1.20	10.57	-5.34	14.41														
28	-7.20	13.08	-2.06	14.39	1.58	15.14	-4.88	10.98	-7.44	14.74														
29	-7.20	13.85	-2.06	15.66	1.78	15.52	-5.19	11.67	-9.25	15.29														
30	-7.21	14.26	-2.07	15.66	2.06	15.79	-5.69	12.16	-10.96	15.49														
31	-7.11	14.91	-1.77	15.76	1.66	15.72	-6.80	12.54	-13.97	15.65														
32	-7.12	15.93	-1.58	15.94	1.46	15.13	-7.40	12.86	-13.57	15.65														
33	-7.12	16.27	-1.39	15.91	1.25	14.58	-8.11	13.39	-14.18	15.24														
34	-6.83	16.94	-1.69	15.71	1.05	13.62	-8.72	14.21	-14.69	15.24														
35	-6.03	17.48	-2.00	15.46	1.04	13.12	-9.22	14.32	-15.39	15.10														
36	-5.54	18.18	-2.10	14.86	1.34	12.56	-9.53	14.52	-15.69	14.55														
37	-4.45	18.23	-2.51	14.28	1.33	11.42	-10.63	14.79	-15.69	14.68														
38	-4.05	18.67	-2.81	13.88	1.33	10.99	-11.24	14.75	-15.69	14.50														
39	-3.36	18.66	-3.02	13.60	1.42	10.19	-11.54	14.43	-15.09	14.30														
40	-2.26	18.59	-3.43	13.55	1.41	9.40	-11.05	13.90	-14.20	14.09														
41	-1.46	18.13	-3.83	13.03	1.30	8.77	-10.55	13.10	-14.20	13.89														
42	0.43	17.80	-4.14	12.66	0.99	7.69	-9.36	12.41	-14.82	13.65														
43	1.03	16.62	-4.39	12.04	0.39	7.00	-7.97	11.78	-14.73	12.57														
44	2.32	15.51	-4.65	11.56	-0.31	6.57	-6.47	10.80	-14.58	12.86														
45	2.73	14.31	-4.85	11.50	0.72	5.49	-4.78	10.06	-14.24	12.06														
46	3.81	14.08	-4.76	10.31	0.93	4.98	-3.48	8.81	-10.74	11.85														
47	4.10	13.52	-4.56	9.43	-0.93	4.37	-3.29	8.40	-10.25	11.52														
48	4.19	12.37	-4.17	8.48	-0.93	3.59	-2.89	7.79	-8.06	10.92														
49	4.19	11.78	-4.18	7.48	-0.74	3.60	-2.80	7.00	-5.96	10.52														
50	4.19	11.35	-3.98	6.51	-0.54	4.29	-2.80	6.51	-3.87	9.83														

RECORD=S-313
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-W
 SIGNAL=GR.ACC.
 CORRECTION=ZFR0.ARC
 TOTAL NUMBER OF DATA=12100
 STATION=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

NO.	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)
1	9.42	1.49	-3.52	4.22	-3.28	2.93	2.15	9.60	-10.40	6.37
2	8.69	3.07	-4.22	4.82	-3.59	2.42	1.84	9.90	-9.61	5.47
3	8.12	3.57	-5.23	5.52	-3.99	2.01	1.44	10.24	-8.41	4.38
4	7.80	4.09	-6.03	6.20	-4.60	1.11	1.22	9.73	-6.92	3.89
5	7.29	5.67	-6.74	6.61	-5.00	0.41	0.23	8.05	-5.42	3.58
6	6.49	6.40	-8.44	7.33	-5.21	-0.10	0.02	7.83	-4.54	2.67
7	5.79	7.98	-9.05	8.40	-5.21	-0.90	0.02	7.63	-4.14	2.56
8	5.18	8.87	-9.46	9.00	-5.22	-1.30	-0.19	7.51	-2.84	2.06
9	4.23	9.61	-10.96	9.60	-4.72	-1.61	-1.49	7.08	-2.24	1.67
10	1.96	11.02	-11.27	10.21	-4.63	-1.61	-1.39	6.30	-1.15	1.66
11	0.18	11.14	-13.39	12.17	-3.74	-1.82	-1.10	5.81	-0.56	1.53
12	-0.53	11.50	-15.29	12.07	-3.74	-1.82	-1.10	5.69	-0.13	1.63
13	-1.63	11.84	-16.37	12.48	-3.35	-1.83	-1.10	5.27	0.81	1.63
14	-2.24	12.14	-15.69	12.97	-3.25	-1.63	-0.81	5.27	2.25	1.93
15	-3.93	12.74	-15.49	13.35	-2.55	-1.64	-0.41	4.88	3.12	1.62
16	-4.54	13.30	-15.10	13.69	-2.06	-1.34	0.08	3.89	3.44	1.62
17	-5.54	13.52	-14.80	14.37	-1.56	-0.84	0.17	3.77	3.91	1.52
18	-6.15	14.03	-14.40	14.77	-0.96	-0.35	0.17	3.37	4.12	1.22
19	-6.46	14.66	-13.51	14.45	-0.08	0.14	0.67	2.85	4.72	1.11
20	-8.06	15.47	-12.82	13.88	0.02	0.34	1.16	1.96	5.20	0.80
21	-8.27	15.60	-12.02	12.85	0.31	0.74	1.55	1.66	5.50	0.49
22	-8.27	16.04	-10.83	12.44	0.61	1.52	1.84	0.94	5.83	-0.11
23	-10.48	16.74	-8.84	11.91	0.91	1.62	1.94	0.05	7.28	-0.61
24	-11.19	16.73	-6.85	11.15	1.81	1.81	1.93	-0.27	7.49	-0.41
25	-11.89	16.73	-5.25	10.84	2.50	1.81	2.03	-1.76	7.92	-1.23
26	-12.31	16.72	-4.86	10.52	3.01	1.80	2.22	-2.68	8.90	-1.23
27	-15.51	16.72	-4.26	9.89	4.19	2.00	2.43	-4.47	9.45	-1.54
28	-16.21	16.60	-3.27	8.91	4.58	2.09	3.11	-4.48	9.46	-2.14
29	-16.70	15.76	-2.97	8.23	4.88	2.28	3.11	-4.78	9.74	-2.34
30	-16.01	15.37	-2.78	8.04	5.20	2.28	3.51	-4.79	11.07	-2.65
31	-15.52	15.04	-2.79	8.04	5.97	2.27	4.01	-4.89	11.45	-2.68
32	-15.22	14.54	-2.79	8.12	6.37	2.27	4.51	-5.60	11.75	-5.38
33	-14.92	14.05	-2.59	8.02	6.96	2.26	5.10	-6.10	12.17	-5.66
34	-13.63	13.76	-2.10	7.96	7.27	2.26	5.69	-6.31	12.65	-5.67
35	-11.94	13.57	-1.60	6.91	7.84	2.45	5.97	-6.31	12.12	-6.18
36	-11.65	13.55	-1.21	6.77	7.95	2.55	6.07	-6.42	12.17	-6.18
37	-10.85	13.31	-0.82	6.05	8.32	2.93	6.17	-6.43	11.87	-5.59
38	-9.56	12.78	-0.62	4.86	8.42	2.73	6.38	-6.83	11.59	-5.59
39	-7.97	11.99	-0.53	3.85	8.51	2.53	7.06	-7.14	11.57	-5.20
40	-6.37	11.30	-0.43	2.76	8.48	2.52	7.37	-8.14	11.47	-5.10
41	-5.98	10.65	0.16	1.95	8.18	2.52	7.85	-8.75	11.37	-4.91
42	-4.78	9.33	0.56	0.66	7.85	2.51	8.06	-9.25	11.36	-4.61
43	-4.19	7.71	0.85	-0.04	7.14	2.50	8.54	-10.66	11.23	-3.32
44	-3.09	5.37	1.04	-0.64	6.26	2.50	8.70	-10.66	10.84	-2.72
45	-1.99	3.98	1.04	-0.85	5.85	2.49	8.42	-10.77	10.58	-2.62
46	-0.90	2.79	1.14	-1.15	5.25	2.49	8.63	-10.98	9.79	-1.53
47	-0.51	1.88	1.14	-1.16	4.85	2.48	9.00	-11.16	9.10	-0.94
48	-0.21	0.78	3.02	-1.26	4.45	2.48	9.01	-11.29	8.53	-0.35
49	0.88	-0.73	3.12	-1.58	4.33	2.47	9.28	-10.69	7.30	-0.34
50	1.08	-2.81	3.53	-3.17	3.82	2.46	9.21	-10.50	6.89	0.34

RECORDS-213 DATE AND TIME=1968-04-01-09-42	COMPONENT=E-W	SIGNAL=GR.ACC.	CORRECTION=ZERO.ARC	STATION=HOSOJIMA-S						
	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301		TOTAL NUMBER OF DATA=12100						
NO.	(5550)	(5600)	(5700)	(5750)	(5800)	(5850)	(5900)	(5950)		
1	0.54	6.77	-13.53	13.21	-0.69	5.41	1.25	-4.84	8.82	-21.40
2	0.73	7.07	-13.13	12.54	-0.69	5.08	1.34	-6.24	9.20	-21.41
3	0.73	7.38	-11.54	12.14	-0.50	4.19	1.35	-6.65	9.51	-21.72
4	1.02	8.06	-10.74	11.74	-0.11	3.42	1.64	-7.05	10.93	-22.39
5	1.12	8.33	-9.75	11.41	-0.10	1.27	2.04	-7.36	11.55	-21.61
6	1.63	8.35	-6.75	10.80	0.27	-0.11	2.54	-7.66	12.32	-21.40
7	2.42	8.74	-5.66	10.12	-0.41	-0.82	3.13	-8.87	12.80	-20.51
8	2.90	9.07	-5.56	9.74	0.29	-0.82	3.49	-10.97	13.25	-19.53
9	2.91	9.82	-4.37	9.43	0.98	-1.22	3.49	-11.48	13.25	-19.53
10	3.60	10.03	-3.68	8.12	1.47	-1.73	5.41	-12.18	14.05	-17.72
11	4.09	10.31	-3.38	7.81	1.87	-2.34	5.41	-12.89	14.89	-17.74
12	4.39	10.51	-3.39	7.39	2.37	-3.05	6.12	-13.10	15.95	-16.74
13	4.87	10.69	-3.19	6.79	3.06	-4.45	6.72	-13.30	16.64	-15.75
14	4.85	10.71	-3.10	6.21	3.45	-5.35	7.29	-13.41	16.42	-14.77
15	4.66	11.00	-2.80	6.10	3.84	-6.45	7.54	-13.31	15.83	-11.57
16	4.63	11.15	-2.31	5.90	3.95	-7.16	8.58	-13.42	15.30	-7.58
17	4.24	9.86	-1.91	5.78	4.54	-8.56	10.04	-13.42	14.64	-7.09
18	4.02	8.62	-1.62	5.36	5.03	-10.27	11.03	-13.03	14.25	-7.09
19	3.63	8.10	-1.32	4.68	5.43	-10.97	12.72	-12.43	13.88	-7.20
20	3.63	7.31	-0.93	4.35	5.81	-11.78	13.29	-12.24	13.13	-7.20
21	3.62	6.74	-0.53	3.52	6.03	-12.38	13.66	-11.35	12.70	-6.11
22	3.62	6.56	-0.24	2.07	6.62	-12.59	13.84	-11.05	12.12	-5.61
23	3.61	5.30	0.15	1.87	7.01	-14.20	13.91	-9.26	11.67	-5.62
24	3.61	4.61	0.35	-1.15	7.41	-14.50	13.82	-9.06	10.90	-5.62
25	3.38	4.24	0.45	-1.65	7.81	-14.50	13.84	-8.47	10.33	-5.63
26	2.89	2.45	0.85	-1.99	8.31	-14.11	13.97	-7.67	10.11	-5.53
27	2.77	0.60	1.54	-4.87	8.86	-13.82	13.65	-7.08	9.67	-5.23
28	2.06	0.29	2.03	-7.86	8.86	-13.12	13.28	-6.48	8.92	-3.94
29	1.28	-0.22	2.47	-6.17	8.85	-12.53	13.13	-5.69	8.71	-3.65
30	1.26	-1.03	4.14	-10.77	8.85	-11.03	12.59	-5.20	8.46	-3.05
31	0.87	-2.02	4.96	-11.68	8.84	-8.94	11.81	-5.10	7.64	-2.46
32	0.86	-2.73	6.00	-11.98	8.85	-7.04	11.26	-4.50	6.66	-1.96
33	0.75	-3.23	6.02	-12.49	9.03	-5.95	11.15	-4.51	5.86	-1.67
34	0.43	-3.85	6.52	-13.50	9.02	-5.05	10.93	-3.22	5.08	-1.35
35	0.42	-5.75	7.16	-14.10	8.93	-4.56	10.62	-3.12	4.67	0.17
36	-0.66	-9.24	8.40	-14.51	9.00	-3.96	10.15	-2.92	4.14	2.38
37	-0.68	-9.45	10.09	-14.81	8.76	-2.76	9.10	-2.42	3.09	4.15
38	-1.17	-10.25	11.45	-14.02	8.19	-2.07	8.45	-1.53	3.33	5.06
39	-0.87	-10.96	12.26	-13.62	8.07	-1.18	7.38	-0.73	3.55	6.16
40	-0.38	-11.47	12.31	-14.23	7.68	-1.19	6.55	0.06	3.35	7.17
41	0.12	-11.57	12.89	-10.13	7.45	-1.50	5.31	0.70	3.35	6.51
42	0.51	-11.98	14.07	-9.74	6.84	-1.20	5.08	2.48	2.36	8.79
43	0.81	-12.78	14.25	-7.74	6.26	-1.21	4.38	4.07	2.36	10.12
44	1.20	-13.19	14.36	-5.54	5.95	-1.21	3.69	4.88	2.36	10.74
45	1.40	-13.49	14.52	-4.05	5.66	-1.22	3.36	5.96	2.36	12.92
46	1.89	-13.50	14.48	-3.75	5.66	-1.22	2.37	6.53	2.37	13.78
47	2.30	-13.71	14.20	-2.56	5.55	-0.92	1.57	6.61	1.57	14.30
48	2.98	-13.71	14.06	-1.86	5.65	-0.51	0.89	6.83	1.48	14.76
49	3.24	-13.62	13.68	-0.68	5.64	0.57	-2.44	7.27	1.72	15.53
50	5.43	-13.62	13.47	-0.68	5.62	0.96	-3.84	8.33	1.72	16.11

RECORD=S-213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-H
 SIGNAL=BR.ACC.
 CORRECTION=ZERO.ARC
 STATION=HOROJIMA-S
 TOTAL NUMBER OF DATA=12100

NO.	(6000)	(6050)	(6100)	(6150)	(6200)	(6250)	(6300)	(6350)	(6400)	(6450)
1	15.66	-15.55	24.76	-10.62	10.57	4.15	-1.48	10.26	-0.57	5.69
2	17.44	-13.76	23.65	-9.42	7.06	4.72	-2.00	10.40	-2.03	5.69
3	18.03	-12.07	23.02	-8.93	6.57	4.90	-3.47	11.54	-2.16	5.68
4	18.07	-11.87	22.02	-8.64	5.05	6.34	-3.48	11.38	-2.97	5.68
5	17.83	-11.48	21.80	-8.64	4.49	6.94	-3.71	10.23	-4.05	5.77
6	17.36	-10.59	21.06	-7.45	3.07	8.61	-5.49	10.23	-4.36	7.01
7	16.62	-9.89	20.02	-6.95	3.06	8.98	-5.50	10.21	-4.97	7.48
8	15.16	-9.40	19.44	-6.66	2.92	10.78	-6.11	10.06	-6.07	7.65
9	15.36	-8.80	18.41	-6.66	2.10	10.93	-7.51	9.46	-6.37	7.65
10	14.60	-7.91	16.70	-6.64	0.88	12.24	-7.82	8.21	-6.88	7.77
11	14.15	-7.41	14.47	-1.22	-1.11	12.76	-8.22	8.19	-8.08	9.07
12	13.97	-6.62	12.84	1.18	-3.00	12.76	-9.52	8.06	-9.52	9.36
13	13.28	-6.22	10.92	3.00	-4.97	12.95	-9.53	7.56	-6.09	9.63
14	12.71	-5.83	9.41	4.84	-5.39	14.32	-9.64	6.18	-6.10	9.62
15	12.41	-5.83	8.59	5.43	-6.98	14.74	-10.04	6.18	-6.09	9.75
16	12.08	-4.73	7.47	7.43	-6.99	14.91	-11.43	6.14	-4.31	10.82
17	11.49	-2.73	6.12	9.16	-7.10	15.90	-11.45	5.77	-4.12	10.90
18	10.26	-1.82	5.37	10.84	-9.00	16.27	-9.56	5.74	-4.12	10.92
19	9.53	-0.30	3.84	11.49	-9.00	16.52	-9.56	5.45	-4.10	11.09
20	8.58	1.71	3.54	13.10	-9.01	16.46	-9.57	5.64	-2.85	11.10
21	8.15	3.72	3.22	13.27	-9.01	16.19	-8.37	5.24	-2.53	11.18
22	7.41	5.62	2.59	13.48	-9.12	16.05	-7.78	5.16	-2.24	11.18
23	6.16	8.63	1.36	14.92	-9.62	15.61	-7.59	4.13	-2.15	11.13
24	5.53	9.95	-0.62	15.25	-9.73	14.69	-7.59	4.13	-2.15	10.84
25	4.57	11.50	-2.51	15.57	-9.94	14.57	-7.59	4.12	-2.16	10.58
26	4.08	12.22	-4.50	17.24	-9.94	13.79	-6.10	4.12	-2.14	9.55
27	2.06	14.09	-6.39	17.55	-9.55	12.58	-5.61	4.11	-1.07	9.55
28	-0.87	16.20	-8.60	18.99	-9.25	11.80	-5.60	4.10	-0.87	9.54
29	-2.65	17.99	-8.40	19.50	-9.06	10.66	-4.21	4.10	-0.57	9.54
30	-3.44	19.06	-9.00	20.52	-9.06	10.62	-3.72	4.09	-0.28	9.53
31	-3.85	20.03	-10.51	20.51	-7.57	10.17	-3.63	4.16	-0.14	9.52
32	-4.07	21.15	-11.21	20.22	-7.08	8.64	-3.61	5.30	1.23	9.52
33	-5.87	21.93	-12.52	19.20	-7.08	8.62	-2.03	5.58	1.79	9.51
34	-8.07	22.78	-13.12	19.19	-7.08	8.40	-1.65	5.57	1.85	9.51
35	-9.87	23.86	-14.53	18.19	-5.08	7.90	-1.62	5.56	3.09	9.50
36	-11.47	24.34	-14.94	19.18	-3.96	6.62	-0.14	5.56	3.29	9.49
37	-11.58	25.01	-15.44	19.12	-3.50	6.59	0.33	5.52	3.49	9.49
38	-11.98	25.52	-16.55	18.83	-3.11	6.27	0.39	5.07	3.77	9.49
39	-12.89	25.82	-16.65	18.37	-3.09	5.63	2.04	4.04	3.76	9.45
40	-14.51	26.80	-16.56	17.16	-1.71	4.80	2.32	4.04	3.76	9.45
41	-16.71	26.92	-16.55	17.16	-1.32	4.59	2.38	4.03	3.75	8.73
42	-17.92	26.91	-14.57	17.08	-1.13	4.56	3.84	3.97	3.74	7.46
43	-19.92	26.69	-14.57	16.66	-1.11	4.00	4.41	3.06	3.74	7.45
44	-20.63	26.47	-13.08	16.05	-0.02	2.55	6.11	2.01	3.73	7.29
45	-21.83	26.37	-12.59	15.13	0.66	2.00	6.38	2.00	3.73	6.53
46	-21.53	26.93	-12.59	15.13	0.85	0.55	1.82	1.82	3.79	5.53
47	-21.40	26.60	-11.40	14.98	0.84	0.55	8.28	-0.00	4.84	5.37
48	-19.81	26.12	-10.80	14.06	1.97	0.34	8.45	-0.01	5.23	4.46
49	-17.53	25.88	-10.61	13.06	1.97	0.10	10.18	-0.03	5.52	3.59
50	-16.03	25.52	-10.61	12.49	2.89	-1.46	10.26	-0.42	5.70	2.84

RECORD=5-213 COMPONENT=E-H SIGNAL=GR.ACC. CORRECTION=ZFRO. A3C STATION=HOSD.II.MA-S
 DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA=12100

NO.	(650n)	(6550)	(660n)	(6650)	(6700)	(6750)	(680n)	(6850)	(6900)	(6950)
1	1.41	2.94	-3.29	14.70	-19.71	17.34	-8.25	8.51	0.97	-1.12
2	1.39	3.24	-5.16	16.82	-19.72	16.87	-5.06	7.41	1.16	-1.14
3	0.98	5.12	-5.68	16.92	-19.72	16.00	-4.29	6.96	1.15	-1.14
4	0.45	5.21	-7.17	18.40	-19.71	15.95	-4.30	5.43	1.22	-1.45
5	-0.63	6.45	-7.18	18.55	-17.73	15.46	-4.30	5.36	2.55	-1.94
6	-1.16	6.92	-8.08	18.81	-17.73	13.99	-4.27	4.61	2.86	-6.15
7	-2.52	7.26	-9.18	18.83	-15.94	13.51	-2.80	3.36	3.23	-3.15
8	-2.63	8.91	-9.30	20.20	-14.85	11.84	-2.41	2.62	4.70	-3.16
9	-2.63	9.31	-11.09	20.37	-13.76	10.91	-2.27	1.35	5.76	-3.17
10	-2.64	11.34	-11.20	20.12	-11.76	9.89	-0.91	0.42	7.24	-3.47
11	-2.65	13.08	-12.11	19.76	-10.47	9.27	-0.52	-1.17	8.36	-5.58
12	-2.65	13.24	-13.21	18.35	-9.77	7.93	-0.34	-2.77	8.84	-8.79
13	-2.66	14.23	-13.32	18.48	-9.78	7.63	-0.27	-4.62	9.10	-4.11
14	-2.77	14.64	-14.12	18.31	-9.78	5.77	1.27	-4.63	9.09	-5.19
15	-3.39	15.05	-15.23	17.90	-8.09	4.01	1.65	-4.84	9.22	-5.20
16	-4.67	15.24	-15.54	17.36	-7.78	3.70	1.72	-5.86	10.25	-5.44
17	-4.69	16.24	-17.14	16.80	-5.60	2.01	3.21	-6.65	10.73	-7.21
18	-5.60	16.71	-17.25	15.37	-5.78	1.91	5.97	-6.76	11.30	-7.22
19	-6.69	17.03	-17.25	14.33	-5.78	1.90	9.42	-7.47	12.73	-7.32
20	-6.69	17.02	-15.46	13.47	-3.50	-0.00	9.44	-8.66	13.06	-7.83
21	-6.71	17.24	-15.26	12.32	-2.02	-0.11	9.61	-8.78	13.05	-8.13
22	-6.67	17.88	-15.27	11.40	-1.83	-0.32	9.61	-10.97	13.05	-8.13
23	-5.41	17.01	-13.77	10.20	-1.74	-0.62	9.60	-11.38	13.04	-9.34
24	-5.11	17.00	-13.48	8.41	-0.42	-0.78	9.76	-12.68	13.03	-9.25
25	-4.92	16.96	-13.28	8.11	0.15	-2.13	10.93	-12.60	13.03	-9.25
26	-4.73	16.67	-11.29	7.78	0.21	-2.13	11.21	-12.70	12.99	-9.26
27	-4.73	15.94	-9.29	6.42	1.57	-2.20	11.41	-12.70	12.75	-9.26
28	-4.74	14.74	-7.28	6.41	2.22	-4.14	11.57	-11.21	12.36	-9.27
29	-4.74	13.90	-5.31	6.28	3.57	-4.17	11.80	-10.71	11.94	-9.27
30	-4.73	12.83	-5.28	5.78	4.25	-5.08	13.20	-10.72	11.00	-9.28
31	-3.45	11.86	-3.32	4.40	6.09	-6.29	13.39	-10.72	10.99	-9.29
32	-3.26	10.36	-3.29	4.69	7.93	-6.18	13.55	-9.53	10.96	-9.29
33	-3.17	8.86	-1.91	4.37	8.26	-10.17	13.55	-9.03	10.77	-9.30
34	-3.07	7.93	-1.34	4.04	9.57	-10.38	13.54	-8.73	10.65	-9.30
35	-2.97	6.67	-1.34	3.41	10.10	-12.18	13.53	-7.74	10.42	-9.31
36	-2.73	4.93	-1.31	2.26	10.26	-12.49	13.53	-6.75	9.92	-9.30
37	-2.79	4.93	-0.13	0.24	11.46	-14.10	13.52	-6.76	8.72	-9.30
38	-2.75	4.92	0.45	-2.58	11.91	-14.20	13.52	-6.74	6.93	-7.52
39	-1.33	4.90	0.68	-4.17	12.34	-14.91	13.51	-5.06	6.48	-7.33
40	-0.81	4.71	1.68	-5.58	13.90	-16.11	13.51	-4.77	4.94	-7.34
41	-0.81	4.65	2.72	-7.56	14.38	-16.22	13.45	-4.78	4.83	-7.34
42	-0.82	4.45	4.33	-8.57	15.90	-16.52	13.15	-4.75	4.78	-7.35
43	-0.82	2.31	4.43	-9.97	16.05	-16.73	12.67	-4.75	4.78	-7.35
44	-0.79	0.75	4.61	-11.67	16.41	-16.23	11.48	-2.80	4.13	-7.34
45	0.37	-0.06	4.90	-12.58	17.88	-14.44	11.48	-2.76	2.90	-5.95
46	0.37	-1.12	8.72	-13.68	18.03	-14.25	11.47	-2.76	2.58	-5.66
47	0.68	-1.16	9.80	-14.39	18.28	-14.25	11.41	-1.29	2.04	-5.47
48	1.15	-2.06	10.82	-15.80	18.87	-12.26	11.02	-0.81	0.91	-5.47
49	1.21	-3.14	12.59	-16.60	18.00	-10.46	10.58	-0.77	0.47	-5.35
50	2.56	-3.15	13.87	-17.71	17.80	-10.26	9.35	0.59	-0.06	-6.49

RECORD=S-213
 DATE AND TIME=1968-04-01-00-42
 COMPONENT=E-N
 SIGNAL=GR.ACC.
 CORRECTIION=ZERO ARC
 STATION=HOSQJIMA-S
 TOTAL NUMBER OF DATA=12100

NO.	(7000)	(7050)	(7100)	(7150)	(7200)	(7250)	(7300)	(7350)	(7400)	(7450)
1	-6.40	0.32	-1.96	1.73	-0.52	-1.75	4.92	-15.57	10.34	-5.93
2	-8.57	0.91	-1.89	1.23	-0.83	-2.99	5.17	-16.07	10.23	-5.93
3	-2.17	0.19	-0.16	0.78	1.56	-2.99	6.64	-17.38	10.23	-5.93
4	-1.70	-0.21	0.02	-0.28	2.91	-4.88	7.13	-17.38	9.86	-4.43
5	-1.26	-0.56	0.02	-0.84	3.45	-6.84	8.89	-17.39	8.07	-3.85
6	2.39	-1.79	0.12	-2.28	3.61	-7.76	9.07	-17.39	6.27	-3.96
7	2.70	-3.87	2.01	-2.60	5.64	-9.75	10.29	-17.40	5.66	-3.90
8	4.73	-5.72	2.12	-3.20	7.60	-11.35	11.18	-17.41	4.28	-3.90
9	6.73	-6.05	3.81	-3.81	8.91	-13.55	12.79	-16.11	3.76	-2.16
10	8.29	-7.84	3.99	-4.41	9.43	-14.85	13.18	-15.42	2.27	-1.97
11	8.77	-8.25	3.98	-5.13	9.42	-14.86	14.62	-15.42	1.87	-1.80
12	9.97	-9.75	4.13	-6.31	9.67	-15.47	15.09	-13.42	1.41	-0.18
13	10.19	-10.35	5.79	-6.42	11.24	-16.87	16.04	-11.93	0.29	0.00
14	10.53	-10.96	5.97	-7.24	11.67	-17.28	16.34	-11.42	0.27	0.10
15	10.52	-11.76	5.96	-7.24	13.00	-18.89	16.02	-8.04	-0.03	1.62
16	10.69	-11.76	6.10	-8.33	13.06	-20.90	14.91	-7.55	-1.73	1.99
17	11.77	-11.77	7.41	-8.44	13.39	-22.89	14.82	-7.43	-1.78	2.07
18	12.14	-11.88	7.86	-9.15	13.76	-22.90	14.78	-5.96	-2.69	0.12
19	12.33	-11.98	8.07	-10.35	15.81	-23.11	14.53	-5.77	-3.75	0.61
20	12.49	-12.39	9.15	-11.06	17.37	-23.11	13.93	-5.77	-3.77	3.96
21	12.69	-12.49	10.10	-12.46	17.36	-22.90	12.78	-5.48	-4.21	4.06
22	13.76	-13.80	11.24	-14.36	17.36	-20.92	12.36	-5.48	-5.70	5.10
23	13.99	-12.40	11.92	-14.87	17.35	-20.92	10.78	-5.46	-6.50	5.48
24	13.38	-11.81	11.91	-16.37	17.35	-19.43	10.59	-4.38	-7.78	5.76
25	12.45	-11.81	12.19	-16.38	17.34	-18.94	9.89	-3.89	-7.79	5.94
26	12.25	-11.82	13.65	-16.48	17.34	-17.34	8.76	-3.45	-8.10	5.93
27	11.49	-10.42	13.89	-17.29	17.28	-16.95	8.62	-1.89	-8.71	5.93
28	10.54	-10.03	13.89	-18.39	17.13	-13.65	8.07	-1.52	-9.80	5.92
29	10.44	-9.84	14.22	-18.70	17.03	-12.85	6.68	-1.42	-9.81	5.91
30	10.42	-9.83	15.72	-19.30	16.40	-8.97	5.91	-10.32	-10.32	5.91
31	10.30	-8.44	16.26	-18.81	15.31	-8.95	4.73	0.59	-11.82	5.90
32	10.09	-7.85	17.71	-18.41	15.30	-7.38	4.55	2.59	-11.82	5.85
33	9.78	-7.84	17.81	-16.42	14.46	-7.29	2.70	4.09	-11.83	5.47
34	9.37	-6.16	17.49	-14.63	11.01	-7.48	2.29	4.55	-11.83	5.14
35	8.41	-5.87	16.70	-14.43	10.33	-7.10	1.75	5.60	-11.84	3.88
36	8.40	-5.88	15.70	-13.04	9.28	-7.10	0.72	6.08	-11.84	3.87
37	8.39	-5.85	14.86	-12.44	9.25	-6.98	0.69	6.43	-10.74	3.87
38	8.20	-4.08	13.39	-10.85	8.83	-5.70	0.21	6.43	-10.06	3.86
39	7.37	-3.89	11.78	-10.44	7.26	-5.41	-1.30	6.58	-10.36	3.86
40	6.37	-3.90	11.24	-8.66	7.03	-5.02	-1.35	7.83	-10.06	3.85
41	6.21	-3.90	9.60	-8.47	5.25	-5.00	-2.26	8.32	-9.87	3.62
42	5.46	-3.91	8.77	-8.45	5.25	-3.91	-3.48	8.65	-9.88	3.33
43	4.36	-3.92	7.74	-6.77	5.20	-3.14	-5.33	10.23	-9.87	3.21
44	4.23	-3.92	7.09	-6.46	4.69	-2.99	-5.57	10.39	-8.48	2.84
45	3.82	-3.91	5.25	-5.07	3.22	-1.62	-7.35	10.39	-8.09	1.82
46	3.37	-3.21	3.86	-4.49	3.06	-1.06	-8.28	10.38	-8.00	1.82
47	2.34	-2.53	3.58	-4.45	2.20	-0.96	-11.34	10.38	-7.91	1.80
48	2.29	-2.24	3.52	-2.70	0.63	1.04	-11.56	10.37	-7.91	1.47
49	1.62	-2.44	2.79	-2.47	-0.72	2.65	-13.36	10.36	-7.92	-0.20
50	1.86	-1.96	1.76	-1.28	-1.22	3.08	-13.66	10.36	-7.89	-0.52

RECORD=S-213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=H
 SIGNAL=GR. ACC.
 CORRECTION=ZFRO. ARC
 STATIONS=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

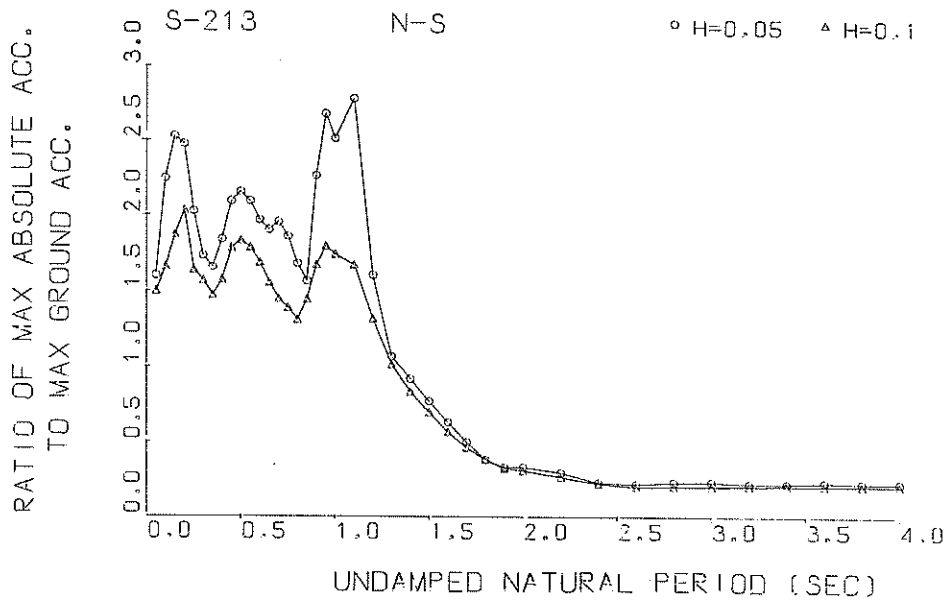
NO.	(7500)	(7550)	(7600)	(7650)	(7700)	(7750)	(7800)	(7850)	(7900)	(7950)
1	-2.21	3.51	-8.97	1.01	1.04	-0.45	-6.34	-2.14	3.88	-2.77
2	-2.24	3.02	-8.77	-0.67	1.05	-0.45	-6.50	-2.23	3.99	-4.01
3	-2.79	4.74	-8.77	-0.79	1.05	-0.37	-4.53	-2.23	5.22	-4.03
4	-4.23	5.10	-8.74	-1.43	1.05	0.86	-4.43	-2.24	5.58	-4.55
5	-6.40	5.21	-7.36	-2.66	1.05	0.97	-4.33	-2.64	5.58	-6.01
6	-6.24	5.39	-7.05	-2.66	1.05	1.15	-4.29	-3.07	5.59	-6.01
7	-6.24	5.48	-6.76	-2.77	1.06	0.96	-3.11	-4.22	5.59	-6.01
8	-6.25	5.59	-6.76	-3.16	1.06	0.97	-2.71	-4.22	5.59	-6.43
9	-6.46	6.56	-6.72	-3.50	1.05	0.98	-2.52	-4.23	5.59	-8.00
10	-6.89	6.56	-5.33	-4.65	0.95	1.06	-2.52	-4.53	5.59	-8.00
11	-8.27	6.55	-4.75	-4.76	0.75	0.97	-2.28	-4.95	5.60	-8.00
12	-8.27	6.41	-4.69	-5.15	0.50	0.97	-1.42	-6.11	5.60	-8.40
13	-8.28	5.44	-3.03	-5.57	-0.53	0.79	-0.60	-6.21	5.56	-8.79
14	-8.29	5.43	-2.74	-6.64	-0.53	-0.42	-0.22	-6.20	5.18	-8.68
15	-8.81	5.13	-2.68	-6.63	-0.53	-0.42	1.32	-6.21	4.90	-8.09
16	-10.29	3.43	-1.32	-6.63	-0.52	-0.42	1.81	-6.51	3.91	-8.09
17	-10.30	3.42	-0.94	-6.74	-0.52	-0.41	3.33	-6.80	3.91	-8.08
18	-10.30	3.41	-0.92	-7.13	-0.52	-0.42	3.70	-7.02	3.91	-8.08
19	-10.31	3.36	-0.73	-7.13	-0.52	-0.63	3.70	-8.19	3.91	-8.08
20	-10.30	2.89	-0.66	-7.13	-0.51	1.01	3.70	-8.19	3.92	-8.08
21	-9.01	2.77	0.51	-7.22	-0.51	1.01	3.80	-8.19	3.89	-8.07
22	-8.52	2.40	1.09	-7.12	-0.52	1.01	4.81	-8.19	3.61	-8.05
23	-8.33	1.59	1.28	-7.22	-0.71	-1.20	4.96	-8.17	3.52	-8.36
24	-8.32	1.38	1.50	-7.21	-0.71	1.26	5.41	-6.98	3.51	-5.97
25	-6.94	1.33	3.01	-7.11	-0.70	-2.40	5.42	-6.68	3.33	-5.97
26	-6.64	0.67	3.28	-7.11	-0.70	-2.39	5.53	-6.47	3.33	-5.93
27	-6.36	0.64	3.28	-7.21	-0.70	-2.39	5.72	-6.18	3.34	-4.65
28	-6.36	-0.66	3.42	-7.10	-0.70	-2.39	5.72	-6.17	3.42	-4.25
29	-6.37	-1.05	4.69	-6.90	-0.70	-2.41	5.84	-6.17	3.34	-4.05
30	-6.34	-2.65	4.69	-6.60	-0.71	-3.04	6.85	-6.15	3.33	-3.95
31	-5.26	-2.66	4.69	-6.60	-0.99	-4.38	7.00	-5.06	3.23	-3.95
32	-4.67	-2.78	4.71	-6.57	-0.97	-4.40	6.70	-4.65	3.05	-3.95
33	-4.39	-3.23	4.76	-5.49	-0.58	-4.92	5.73	-4.16	1.94	-3.95
34	-4.39	-4.68	4.29	-5.39	-0.48	-6.38	5.73	-4.16	1.95	-3.95
35	-4.40	-4.70	3.30	-5.38	-0.48	-6.37	5.73	-4.16	1.95	-3.90
36	-4.36	-5.24	3.30	-4.98	-0.48	-6.38	5.68	-4.11	1.95	-2.43
37	-2.99	-6.59	3.31	-4.68	-0.48	-6.58	5.09	-2.64	1.95	-2.04
38	-2.61	-6.70	3.30	-4.58	-0.48	-6.78	3.74	-2.34	1.95	-1.94
39	-2.42	-6.85	3.19	-4.54	-0.47	-7.19	3.73	-2.15	1.95	-1.86
40	-2.37	-8.71	3.01	-3.36	-0.47	-8.36	3.59	-2.15	1.85	-0.12
41	-1.11	-8.72	3.00	-2.86	-0.47	-8.36	2.94	-2.09	1.64	0.13
42	-0.65	-8.95	2.82	-2.58	-0.47	-8.36	1.74	-0.91	1.27	1.21
43	-0.45	-10.73	2.82	-2.57	-0.47	-8.36	1.64	-0.33	0.03	1.79
44	-0.37	-10.73	2.80	-2.51	-0.46	-8.36	1.44	-0.08	-0.04	2.08
45	0.99	-10.74	2.51	-1.25	-0.46	-8.35	1.23	1.02	-0.15	2.08
46	1.54	-10.84	1.33	-0.85	-0.46	-8.35	0.88	1.86	-0.45	2.16
47	1.64	-10.75	1.33	-0.56	-0.46	-8.35	0.88	1.97	-0.95	3.81
48	2.97	-10.75	1.33	-0.56	-0.45	-8.35	-0.24	1.97	-1.50	3.61
49	3.43	-10.75	1.33	-0.47	-0.45	-8.35	-0.36	3.50	-2.04	3.90
50	3.51	-9.36	1.32	0.95	-0.45	-6.83	-0.81	3.69	-2.43	4.09

RECORDS=213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT#E=H
 SIGNAL=GR.ABC.
 CORRECTION=ZERO.ARC
 FORMAT NO.=501
 STATION=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

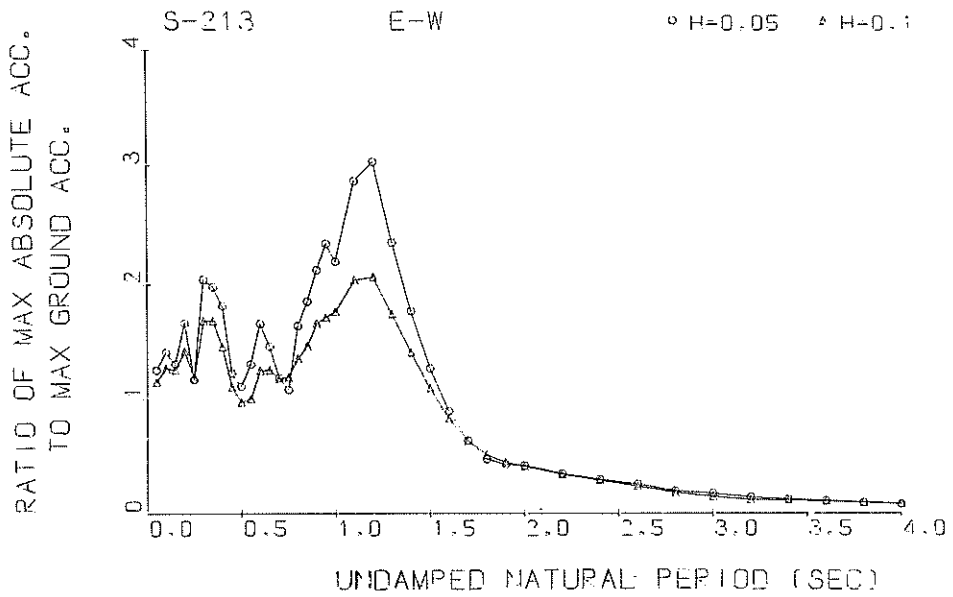
NO.	(8000)	(8050)	(8100)	(8150)	(8200)	(8250)	(8300)	(8350)	(8400)	(8450)
1	4.09	-5.80	4.09	-5.77	2.59	0.65	-7.87	6.35	-6.75	7.34
2	4.19	-5.80	3.89	-5.17	2.09	0.94	-8.57	6.36	-6.94	7.14
3	5.21	-5.80	3.71	-4.77	1.50	1.16	-9.16	6.46	-6.95	6.93
4	5.44	-5.80	3.70	-4.47	1.10	1.57	-9.36	6.55	-7.14	6.55
5	5.81	-5.99	3.60	-4.17	0.60	2.20	-9.85	6.57	-7.14	6.53
6	5.92	-5.99	3.42	-3.96	0.09	3.20	-9.85	6.76	-7.54	5.93
7	6.10	-5.89	3.40	-3.56	-0.49	4.00	-9.45	6.77	-7.54	5.43
8	6.11	-5.89	3.24	-3.26	-1.49	4.66	-9.24	6.93	-7.63	4.92
9	6.10	-5.88	3.00	-2.95	-2.09	4.87	-8.84	7.57	-7.53	4.26
10	6.00	-5.88	2.72	-2.15	-2.77	5.17	-8.24	7.68	-7.45	3.94
11	5.88	-5.78	2.61	-1.74	-3.18	5.47	-7.84	7.83	-7.45	3.56
12	5.60	-5.88	2.32	-1.04	-3.97	5.67	-7.54	7.43	-7.12	3.05
13	5.50	-5.88	2.22	-0.52	-4.57	5.87	-7.23	7.05	-6.61	2.56
14	5.20	-5.87	2.01	0.28	-5.26	6.09	-6.83	6.84	-6.01	2.06
15	4.12	-5.87	1.72	1.07	-5.96	6.37	-6.53	6.52	-5.31	1.56
16	4.12	-5.77	1.51	1.49	-6.56	6.48	-6.02	5.94	-5.01	1.07
17	4.13	-5.64	1.33	2.26	-7.15	6.66	-5.42	5.56	-4.60	0.67
18	4.13	-4.55	1.01	2.47	-7.55	6.69	-4.92	5.36	-4.00	0.18
19	4.10	-3.86	0.53	2.76	-8.34	6.90	-4.41	5.15	-3.71	-0.12
20	3.82	-3.86	0.34	3.52	-8.84	7.19	-3.81	4.76	-3.69	-0.61
21	3.60	-3.86	0.13	3.52	-8.84	7.38	-3.31	4.47	-3.19	-1.01
22	3.15	-3.75	-0.26	4.31	-8.83	7.46	-2.91	4.18	-2.57	-1.51
23	2.14	-3.44	-0.57	4.89	-9.03	7.33	-2.50	3.96	-2.15	-2.01
24	2.14	-3.04	-0.97	5.18	-9.23	6.96	-1.90	3.57	-1.09	-2.70
25	2.08	-2.65	-1.56	5.40	-9.22	6.77	-1.50	3.27	-0.95	-3.10
26	1.18	-2.53	-1.96	5.80	-8.82	6.64	-1.07	2.88	-0.13	-3.40
27	0.12	-2.11	-2.55	6.11	-8.02	6.26	-0.20	2.58	0.63	-3.80
28	0.37	-1.33	-2.94	6.47	-7.41	5.94	0.01	2.16	1.13	-4.39
29	-0.80	-0.90	-3.04	6.47	-6.91	5.45	0.32	1.38	1.53	-4.78
30	-1.85	-0.02	-3.34	6.50	-6.43	5.05	0.81	0.91	1.96	-5.08
31	-1.84	0.30	-3.54	6.70	-7.41	4.27	1.03	0.89	2.74	-5.48
32	-1.85	0.88	-3.75	6.88	-7.31	3.87	1.53	0.59	3.05	-5.88
33	-1.96	1.21	-4.54	6.88	-7.21	3.87	1.93	0.20	3.46	-6.27
34	-2.35	1.88	-5.03	6.90	-7.00	3.47	2.31	-0.10	3.96	-6.57
35	-2.68	1.99	-5.53	6.99	-6.70	3.08	2.44	-0.50	4.47	-6.77
36	-3.83	2.50	-6.12	6.99	-6.19	2.67	2.93	-0.90	5.04	-7.06
37	-3.83	2.50	-6.42	6.96	-5.39	2.08	3.14	-1.29	5.25	-7.16
38	-3.83	2.84	-6.62	6.64	-4.99	1.57	3.44	-1.59	5.55	-7.16
39	-3.83	3.62	-7.11	6.15	-4.58	0.98	3.74	-1.99	5.75	-7.16
40	-3.83	4.10	-7.11	5.65	-4.08	0.36	4.02	-2.58	5.98	-7.66
41	-3.83	4.28	-7.11	5.20	-3.58	-0.61	4.05	-2.97	6.48	-7.66
42	-3.92	4.29	-7.41	5.09	-2.88	-1.31	4.46	-3.18	6.84	-7.25
43	-3.92	4.31	-7.60	5.09	-2.88	-1.89	4.83	-3.57	6.88	-7.04
44	-3.92	4.51	-7.60	4.90	-2.67	-2.19	4.87	-3.97	7.30	-6.94
45	-4.02	4.70	-7.50	4.80	-2.27	-2.49	5.36	-4.47	7.85	-6.29
46	-4.81	4.81	-7.39	4.69	-1.87	-2.90	5.16	-5.16	7.85	-6.04
47	-4.54	4.96	-6.99	4.47	-1.46	-3.82	6.06	-5.17	7.85	-5.64
48	-5.71	4.58	-6.79	3.98	-0.85	-5.58	6.34	-5.76	7.85	-5.43
49	-5.81	4.39	-6.39	3.58	-0.16	-6.38	6.34	-6.16	7.81	-5.03
50	-5.80	4.29	-6.08	3.08	0.15	-7.17	6.34	-6.45	7.45	-4.83

RECORD=S-213
 DATE AND TIME=1968-04-01-09-42
 COMPONENT=E-W
 SIGNAL=GR,ARC
 CORRECTION=ZERO,ARC
 STATION=HOSOJIMA-S
 TOTAL NUMBER OF DATA=12100

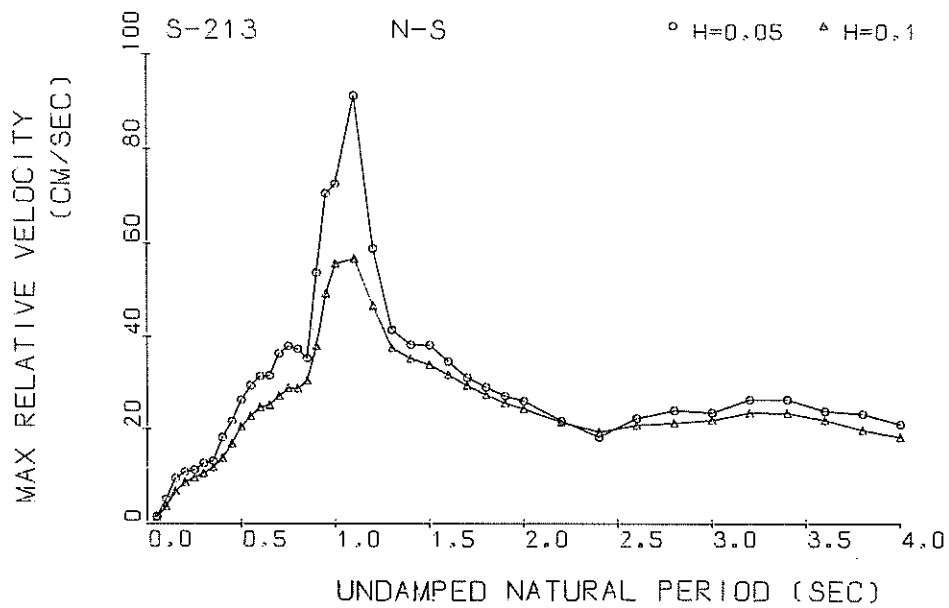
NO.	(8550)	(8600)	(8650)	(8700)	(8750)	(8800)	(8850)	(8900)	(8950)
1	-4.52	-2.30	0.36	6.86	-3.70	7.21	-2.38	9.93	-3.15
2	-4.12	-1.80	-0.33	7.56	-3.89	7.11	-2.58	9.93	-2.76
3	-3.82	4.48	-1.02	8.13	-3.89	7.00	-2.77	9.94	-2.55
4	-3.42	4.48	-1.63	8.42	-3.89	6.81	-2.77	9.94	-2.15
5	-3.12	-0.56	-2.41	8.54	-3.88	6.72	-2.77	9.90	-1.95
6	-2.82	4.47	-2.71	8.84	-3.88	6.62	-2.77	9.52	-1.84
7	-2.61	4.18	-3.40	9.13	-3.88	6.51	-2.76	9.33	-1.44
8	-2.20	3.97	-3.61	9.35	-3.88	6.33	-2.77	9.25	-0.94
9	-1.59	3.67	-4.20	9.65	-3.88	6.32	-3.15	9.21	-0.74
10	-0.78	3.38	-5.01	9.92	-3.87	6.23	-2.76	8.82	-0.43
11	0.12	3.18	-6.19	9.92	-3.87	6.14	-2.65	8.53	-0.03
12	0.81	2.89	-6.49	9.89	-3.66	6.12	-2.25	8.33	0.19
13	1.24	2.78	-7.39	9.61	-3.66	5.93	-2.05	8.03	0.98
14	2.13	2.48	-7.88	9.49	-3.16	5.84	-1.84	7.73	1.28
15	2.72	1.97	-7.88	9.21	-2.96	5.74	-1.44	7.44	1.58
16	3.11	1.36	-7.47	9.00	-2.86	5.62	-1.34	7.15	1.88
17	3.25	0.38	-6.87	8.73	-2.65	5.24	-1.03	6.93	2.19
18	3.93	-0.41	-6.77	8.70	-2.45	5.12	-0.53	6.52	2.59
19	4.28	-1.02	-6.47	8.28	-2.25	4.73	-0.23	5.86	2.90
20	4.93	-2.59	-6.16	7.65	-2.15	4.46	0.37	4.45	3.41
21	5.24	-2.00	-5.76	7.65	-1.93	4.46	0.37	4.05	3.91
22	5.65	-3.99	-5.26	5.70	-1.34	4.46	0.49	3.66	4.40
23	6.06	-3.59	-4.75	5.12	-1.04	4.46	0.99	3.66	4.40
24	6.56	-4.38	-4.25	5.12	-0.73	4.46	0.99	3.36	4.60
25	7.04	-4.79	-3.75	4.72	-0.43	4.46	1.49	2.97	4.91
26	7.29	-5.68	-3.25	4.24	-0.24	4.47	1.97	2.65	5.30
27	7.98	-6.07	-2.95	4.13	-0.24	4.47	2.01	2.08	5.51
28	8.49	-6.37	-2.64	3.74	-0.13	4.47	2.70	1.85	5.73
29	9.05	-6.88	-2.44	3.53	0.19	4.45	3.20	0.98	6.22
30	9.29	-8.06	-1.93	3.14	0.90	4.18	3.51	0.68	6.50
31	9.78	-8.56	-1.43	2.85	1.79	4.18	3.89	0.38	6.52
32	10.14	-8.86	-0.84	2.55	2.21	4.17	4.01	0.09	6.72
33	10.14	-8.85	-0.84	2.36	3.00	3.98	4.43	-0.21	6.93
34	10.12	-8.55	-0.84	2.15	3.59	3.97	5.02	-0.62	7.27
35	9.94	-8.15	-0.83	1.75	3.70	3.77	5.52	-1.31	8.03
36	9.92	-7.94	-0.82	1.24	4.11	3.52	5.90	-1.60	8.25
37	9.72	-7.34	-0.53	-0.03	5.01	3.26	6.03	-1.90	8.65
38	9.51	-6.84	-0.45	-0.38	5.52	2.77	6.44	-2.20	9.09
39	9.22	-6.34	-0.59	-0.54	5.70	2.38	6.94	-2.39	9.46
40	8.91	-5.83	1.20	-0.54	5.70	1.98	7.44	-2.60	10.26
41	8.53	-5.23	1.99	-1.03	5.80	1.69	7.82	-2.99	10.63
42	8.33	-4.83	4.84	-1.32	5.91	1.38	8.05	-3.18	10.74
43	8.03	-4.63	2.50	-1.61	6.12	0.99	8.55	-3.59	10.83
44	7.72	-4.32	2.82	-1.72	6.41	0.59	8.93	-3.88	10.81
45	7.34	-3.82	3.42	-2.22	6.61	0.20	9.12	-4.08	10.63
46	7.13	-3.62	4.02	-2.51	6.73	-0.10	9.13	-4.37	10.63
47	6.71	-3.32	4.64	-2.81	7.00	-0.30	9.25	-4.37	10.62
48	6.13	-3.32	5.31	-3.01	7.01	-0.69	9.55	-4.37	10.53
49	5.63	-3.12	5.60	-3.80	7.01	-0.90	9.83	-4.36	10.42
50	5.35	-2.90	6.29	-3.69	7.12	-1.59	9.93	-3.76	10.24
									-3.46



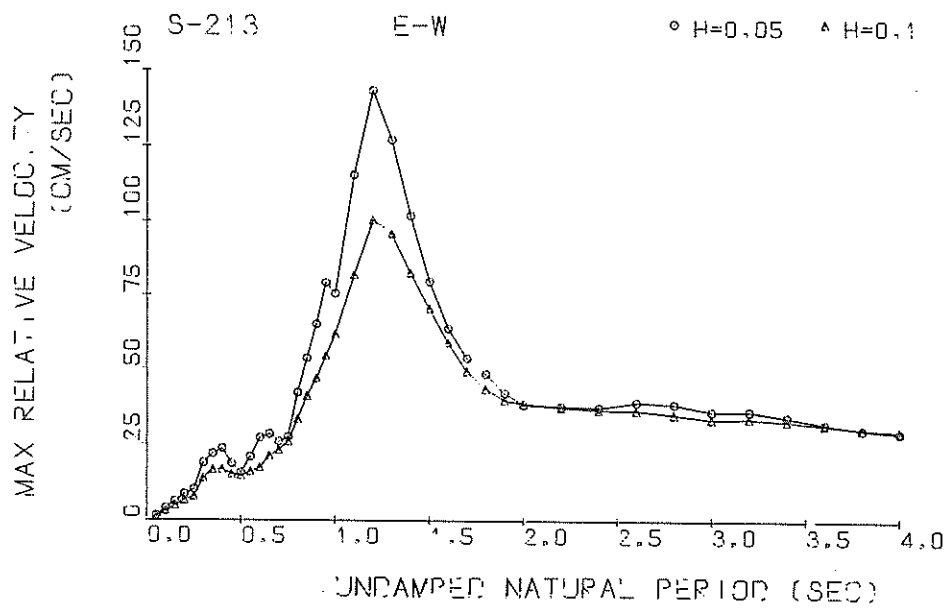
Response Spectra



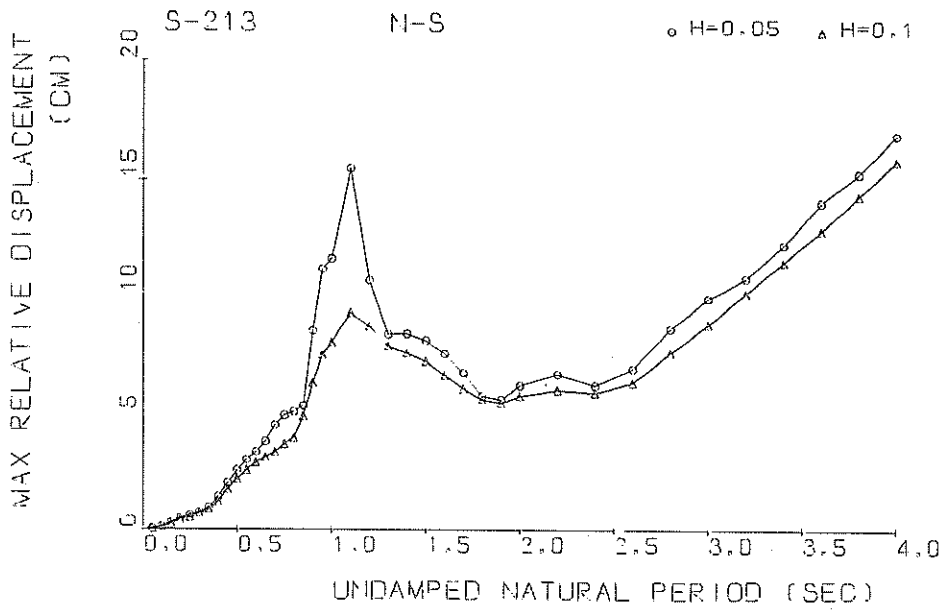
Response Spectra



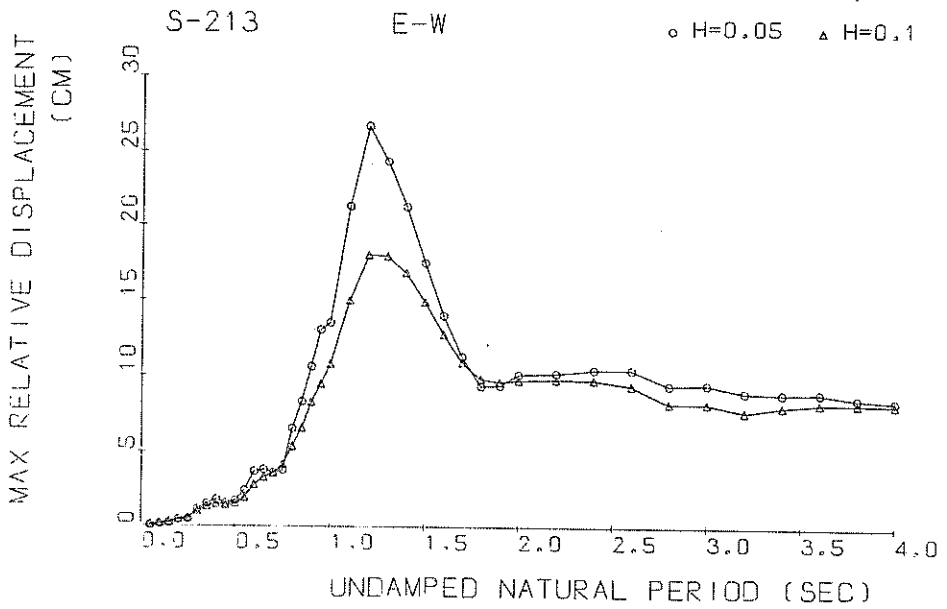
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-210 N-S 1968-04-01-09-42 1968-HYUGANADA
 STATION = HOSUJIMA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 182.18(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.597	290.90	191.30	1.557	0.0186
0.100	2.244	408.73	305.51	5.187	0.1028
0.150	2.527	460.27	373.46	9.557	0.2594
0.200	2.474	450.74	324.71	10.976	0.4566
0.250	2.026	369.03	295.82	11.615	0.5797
0.300	1.736	315.71	358.39	12.765	0.7194
0.350	1.655	301.53	360.89	13.268	0.9290
0.400	1.841	335.46	322.35	18.356	1.3530
0.450	2.095	381.61	295.39	21.738	1.9516
0.500	2.156	392.77	339.80	26.299	2.4762
0.550	2.096	381.89	335.61	29.467	2.9147
0.600	1.968	358.49	319.69	31.467	3.2551
0.650	1.907	347.41	300.52	31.582	3.7021
0.700	1.958	356.63	321.90	36.405	4.4070
0.750	1.862	339.18	319.64	37.965	4.8076
0.800	1.884	306.70	320.94	37.292	4.9510
0.850	1.569	285.79	304.31	35.270	5.2064
0.900	2.268	413.26	422.72	36.731	8.4368
0.950	2.083	488.79	478.76	70.206	11.1208
1.000	2.219	458.86	452.06	72.516	11.5749
1.100	2.790	508.27	529.38	91.109	15.5042
1.200	1.008	292.98	419.49	38.874	10.6186
1.300	1.072	195.33	346.26	41.468	8.2994
1.400	0.927	168.88	321.61	38.272	8.3162
1.500	0.782	142.40	299.72	38.150	8.0314
1.600	0.637	116.12	266.58	34.572	7.4556
1.700	0.504	91.79	243.24	31.028	6.6428
1.800	0.385	70.19	228.35	29.040	5.6684
1.900	0.334	60.88	214.24	27.166	5.5199
2.000	0.334	60.76	200.81	25.988	6.1046
2.200	0.298	54.29	196.35	21.794	6.5959
2.400	0.232	42.31	196.87	18.294	6.0855
2.600	0.224	40.81	198.71	22.288	6.8265
2.800	0.238	46.36	191.41	26.959	8.5464
3.000	0.240	46.66	190.36	26.216	9.8526
3.200	0.228	41.58	189.44	26.341	10.7337
3.400	0.230	41.92	188.68	26.367	12.2056
3.600	0.238	46.39	188.04	26.828	14.1044
3.800	0.232	42.30	187.50	26.610	15.6656
4.000	0.232	42.22	187.02	21.106	17.0028

RESPONSE SPECTRUM

RECORD = S-210 N-S 1968-04-01-09-42 1968-HYUGANADA
 STATION = HOSUJIMA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 182.18(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.000	273.22	191.05	1.516	0.0170
0.100	1.060	302.43	253.90	3.715	0.0756
0.150	1.874	341.32	285.52	6.889	0.1919
0.200	2.035	370.74	261.22	8.867	0.3727
0.250	1.642	299.14	249.77	9.765	0.4676
0.300	1.270	286.11	319.11	10.609	0.6395
0.350	1.476	268.87	328.23	11.925	0.8158
0.400	1.578	287.48	297.22	13.951	1.1509
0.450	1.789	325.84	255.72	16.979	1.6457
0.500	1.836	334.53	253.44	20.574	2.0869
0.550	1.791	326.26	268.68	22.913	2.4611
0.600	1.691	308.10	265.77	24.725	2.7614
0.650	1.263	284.66	264.76	25.208	2.9952
0.700	1.455	265.13	260.33	27.263	3.2341
0.750	1.097	254.55	253.35	28.881	3.5616
0.800	1.318	240.16	259.73	28.755	3.8095
0.850	1.455	265.02	282.18	30.427	4.7487
0.900	1.080	306.10	323.17	37.903	6.1488
0.950	1.805	328.82	337.48	49.288	7.3643
1.000	1.754	319.54	321.77	55.679	7.9338
1.100	1.080	305.99	346.81	56.707	9.2039
1.200	1.328	241.96	337.03	46.572	8.6121
1.300	1.024	186.60	315.42	37.501	7.7620
1.400	0.849	154.69	297.13	35.118	7.4421
1.500	0.709	129.21	279.69	33.808	7.1034
1.600	0.575	104.83	258.99	31.640	6.5117
1.700	0.469	85.49	241.07	29.309	5.9515
1.800	0.389	70.90	227.12	27.350	5.4883
1.900	0.330	60.18	215.35	25.464	5.0202
2.000	0.316	57.61	205.53	24.289	5.6398
2.200	0.274	49.98	196.31	21.397	5.9020
2.400	0.230	41.90	195.08	19.292	5.7943
2.600	0.211	38.49	193.77	20.745	6.2177
2.800	0.214	38.92	191.66	21.149	7.5122
3.000	0.214	38.93	190.62	21.830	8.7505
3.200	0.218	39.66	189.76	23.417	10.1156
3.400	0.219	39.96	189.02	23.359	11.4732
3.600	0.219	39.91	188.39	21.801	12.8774
3.800	0.219	39.85	187.85	19.635	14.4135
4.000	0.220	40.01	187.38	18.181	15.9265

RESPONSE SPECTRUM (

RECORD = S-210 E-W 1968-04-01-09-42 1968-HYUGANADA
 STATION = HOSUJIMA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 20.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 242.20(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.250	302.88	162.25	1.693	0.0192
0.100	1.404	340.23	240.41	3.959	0.0860
0.150	1.505	316.14	228.50	6.215	0.1804
0.200	1.664	403.19	276.11	8.515	0.4095
0.250	1.171	283.68	260.43	10.113	0.4494
0.300	2.038	493.63	340.99	18.801	1.1245
0.350	1.975	478.47	405.93	21.880	1.4792
0.400	1.817	440.11	411.86	23.628	1.7787
0.450	1.226	297.01	308.01	18.556	1.5176
0.500	1.110	268.97	194.85	15.641	1.6970
0.550	1.310	317.26	232.70	20.998	2.4234
0.600	1.063	402.96	276.19	27.138	3.6626
0.650	1.464	354.61	244.11	28.401	3.7826
0.700	1.189	288.10	249.35	25.890	3.5642
0.750	1.084	262.64	237.52	27.580	3.7314
0.800	1.048	399.28	287.53	41.981	6.4482
0.850	1.859	450.44	341.82	53.514	8.2222
0.900	2.124	514.59	417.90	65.127	10.5195
0.950	2.343	567.73	544.35	79.295	12.9226
1.000	2.195	531.83	507.74	75.700	13.4130
1.100	2.873	695.98	671.33	115.451	21.2330
1.200	3.035	735.14	734.29	143.381	26.6865
1.300	2.355	570.51	655.76	127.125	24.2820
1.400	1.775	429.89	646.07	101.960	21.2102
1.500	1.274	308.66	548.73	79.840	17.4390
1.600	0.895	216.92	459.18	63.726	13.9227
1.700	0.638	154.56	390.88	53.696	11.2062
1.800	0.473	114.55	354.76	48.530	9.2992
1.900	0.429	103.97	345.85	42.063	9.6536
2.000	0.418	101.17	343.13	38.197	10.0832
2.200	0.348	84.37	326.63	37.662	10.1559
2.400	0.300	72.79	315.04	37.249	10.4073
2.600	0.256	62.00	304.09	39.019	10.4072
2.800	0.199	48.14	285.87	38.510	9.3794
3.000	0.175	42.49	269.29	36.124	9.4557
3.200	0.144	34.85	250.94	36.358	8.9548
3.400	0.129	31.31	259.34	34.603	8.8774
3.600	0.116	28.08	260.25	32.280	8.9094
3.800	0.100	24.29	260.78	30.445	8.5518
4.000	0.087	21.12	260.12	29.460	8.3877

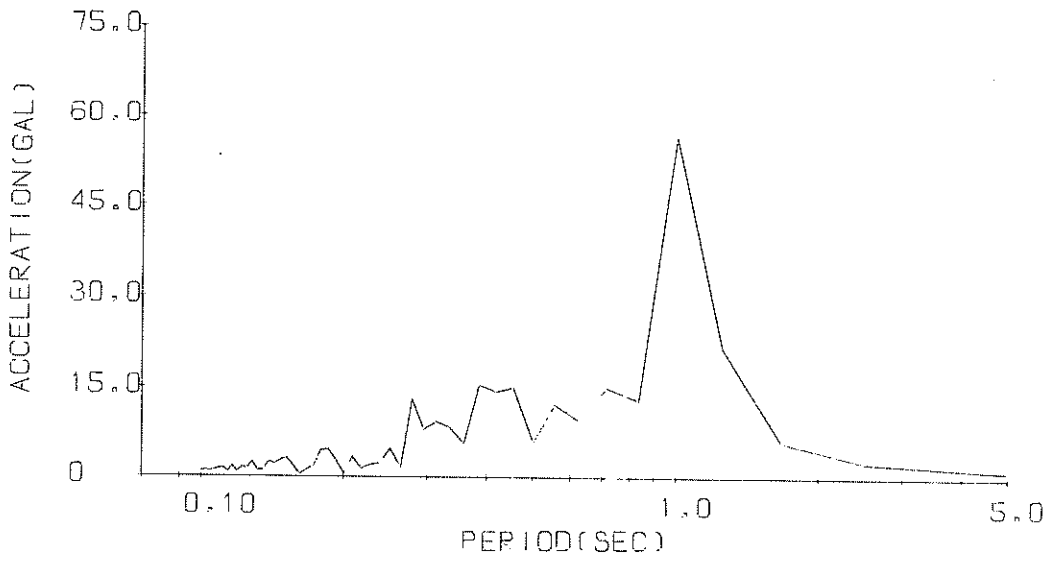
RESPONSE SPECTRUM

RECORD = S-213 E-W 1968-04-01-09-42 1968-HYUGANADA
 STATION = HOSUJIMA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 242.20(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.157	280.18	168.12	1.275	0.0176
0.100	1.275	308.77	206.88	3.382	0.0769
0.150	1.266	305.87	198.54	5.169	0.1766
0.200	1.427	345.82	206.06	6.969	0.3486
0.250	1.192	288.71	215.60	8.082	0.4528
0.300	1.692	409.95	262.05	14.148	0.9225
0.350	1.691	409.58	324.14	16.841	1.2504
0.400	1.464	354.55	317.66	17.014	1.4124
0.450	1.111	269.12	248.18	15.359	1.3645
0.500	0.976	236.53	189.01	14.965	1.4752
0.550	1.008	244.14	191.17	16.124	1.8466
0.600	1.259	304.97	196.21	17.554	2.7493
0.650	1.261	305.55	195.67	21.427	3.2306
0.700	1.185	287.04	191.25	26.265	3.5200
0.750	1.200	290.76	188.12	26.190	4.0910
0.800	1.065	330.67	228.67	36.495	5.2856
0.850	1.476	357.49	264.21	41.116	6.4891
0.900	1.672	405.05	366.61	46.974	8.1976
0.950	1.725	417.99	397.59	54.509	9.4016
1.000	1.775	429.90	404.88	61.862	10.6965
1.100	2.044	495.14	485.66	81.999	14.8856
1.200	2.071	501.67	511.47	100.521	17.9265
1.300	1.755	425.12	496.66	95.961	17.8504
1.400	1.422	344.44	526.50	82.699	16.7338
1.500	1.106	267.19	487.78	70.587	14.7877
1.600	0.837	202.74	466.24	58.956	12.6501
1.700	0.639	154.80	392.00	49.668	10.8144
1.800	0.517	125.27	366.16	46.491	9.7506
1.900	0.454	110.06	348.11	39.754	9.5081
2.000	0.416	100.89	369.42	38.656	9.6211
2.200	0.650	84.81	324.54	37.597	9.6890
2.400	0.297	71.91	312.46	36.684	9.6738
2.600	0.247	59.85	301.01	36.649	9.6118
2.800	0.190	46.10	287.60	35.106	8.1574
3.000	0.161	38.92	275.57	36.686	8.1448
3.200	0.161	31.79	267.96	36.928	7.6258
3.400	0.127	30.85	264.38	36.047	7.9666
3.600	0.118	28.60	266.00	31.726	8.2016
3.800	0.107	25.96	262.16	30.536	8.1905
4.000	0.097	26.60	261.15	29.764	8.1600

S-213 N-S

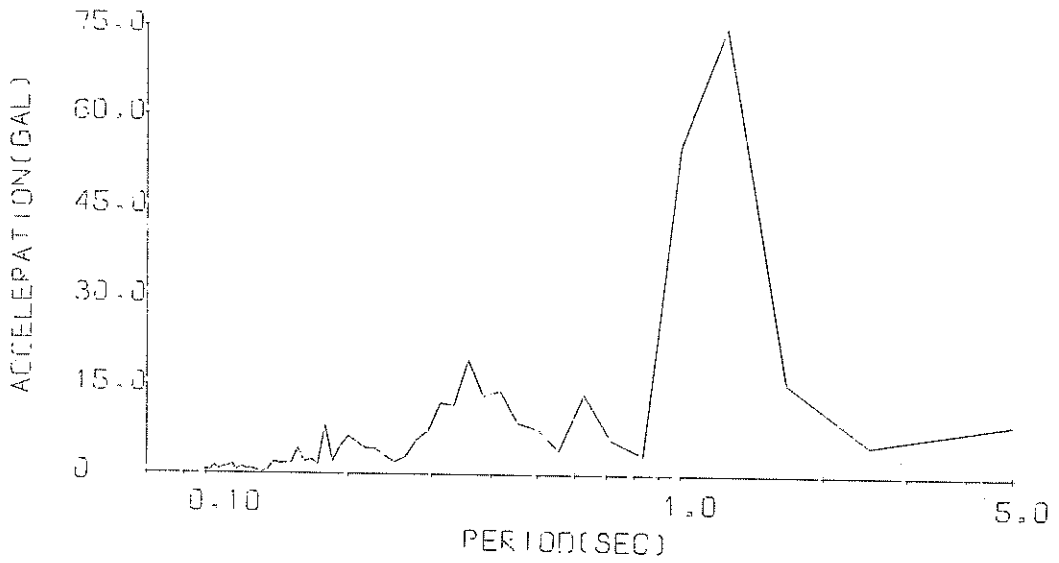
TSK=4.00
TUS=5.00



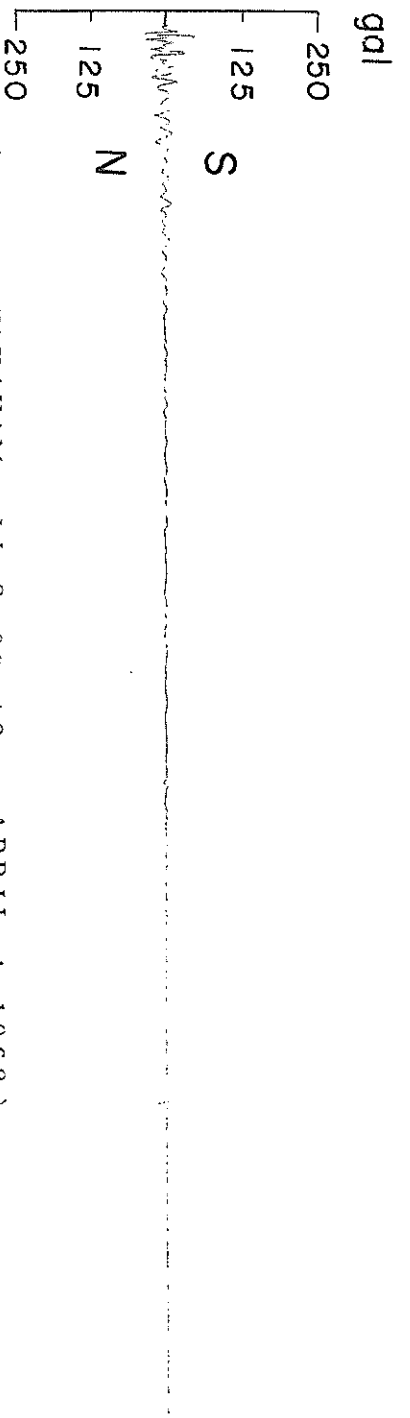
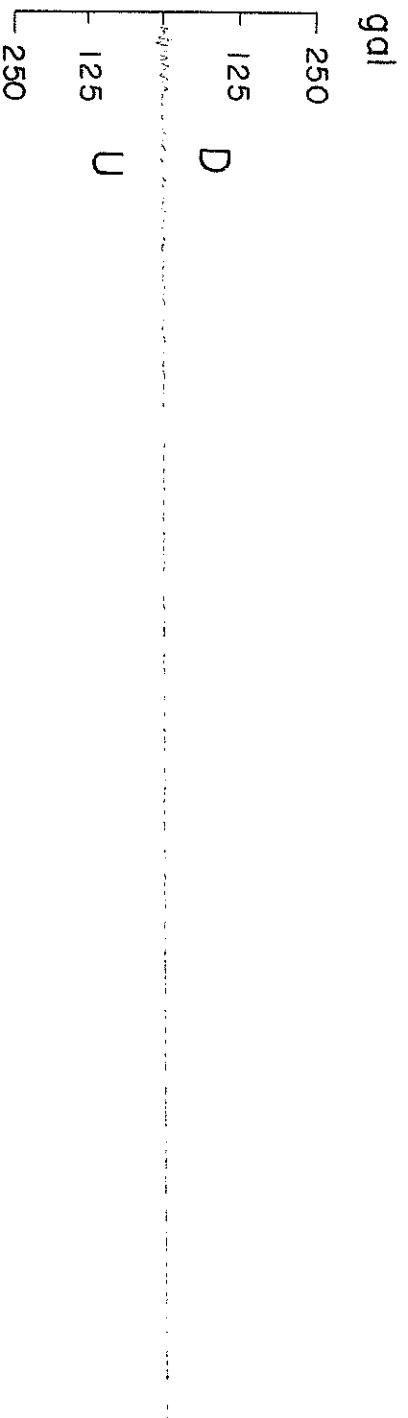
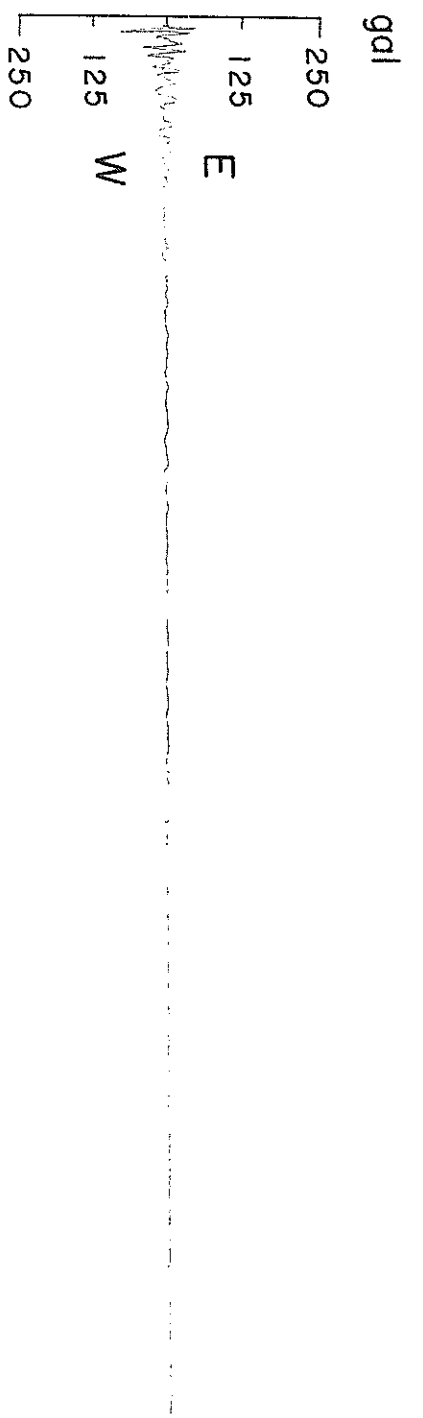
Fourier Spectrum

S-213 E-W

TSK=6.00
TUS=5.00



Fourier Spectrum



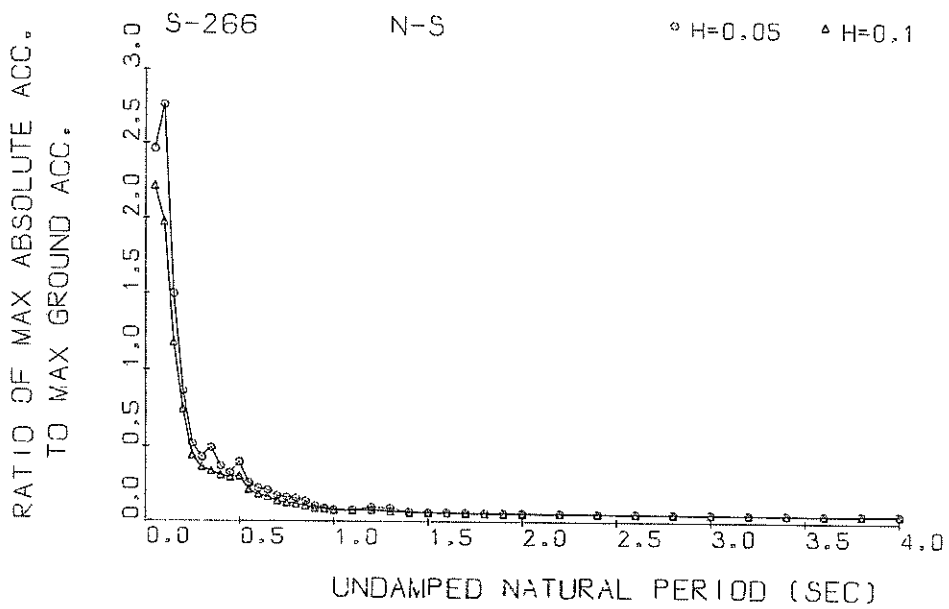
(S-266, WAKAYAMA J1-S, 09:42 on APRIL 1, 1968)

RECORD=S-266 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=APC.ERR. STATION=MAKAYAMAJI-S
 DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL= 0.010(SEC) FOPMAT NO.=301 TOTAL NUMBER OF DATA= 950

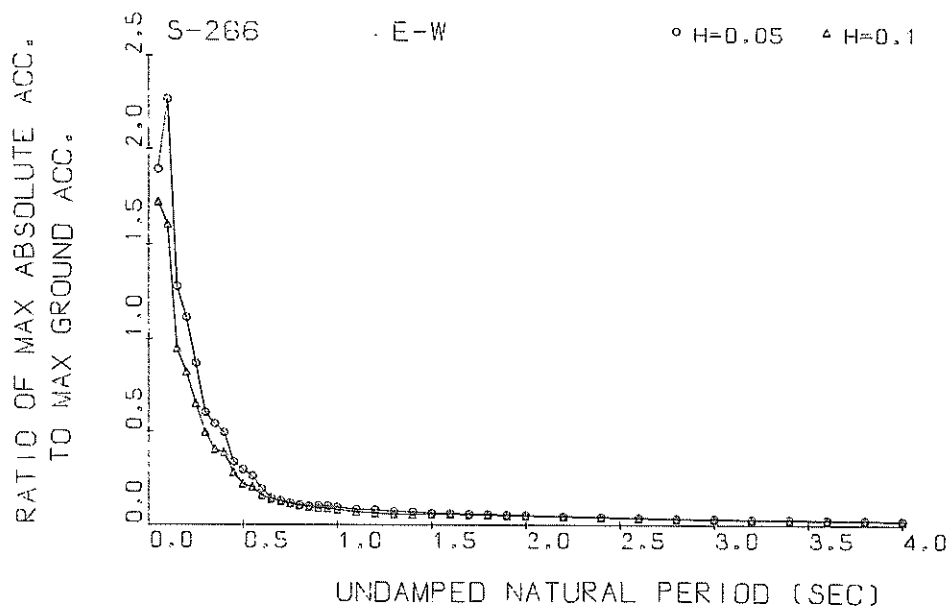
NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.00	-1.10	-0.00	-7.93	6.50	2.20	-1.00	3.80	0.10	0.70
2	-0.40	-3.59	-1.30	-10.44	6.50	1.90	-0.10	3.80	0.	1.20
3	1.90	1.00	-2.00	-12.33	6.09	1.10	0.40	3.80	0.	1.50
4	3.88	7.17	-4.01	-13.17	5.29	0.	1.90	3.70	-0.00	1.60
5	-1.70	13.19	-6.49	-12.12	4.19	0.	1.90	3.30	-0.50	1.00
6	-2.40	15.21	-6.57	-6.57	1.60	-1.90	2.20	2.50	-0.70	0.40
7	-1.99	11.44	-2.40	-3.39	0.00	-2.60	2.20	2.40	-0.80	-0.00
8	4.40	5.76	0.00	0.00	-1.90	-3.40	2.20	1.90	-0.80	-0.10
9	5.23	0.50	1.10	0.50	-3.20	0.70	2.20	1.40	-0.80	-0.50
10	10.65	-5.34	1.90	5.71	-3.20	-3.70	2.20	0.40	-1.10	-0.40
11	19.53	-12.06	6.31	6.99	-2.20	-2.20	2.20	-0.00	-1.10	-0.20
12	9.39	-13.59	7.91	6.30	-1.20	-1.70	2.00	-0.20	-1.10	-0.40
13	-15.45	-3.87	8.49	5.90	0.00	-0.60	1.90	-1.10	-1.10	-0.70
14	-46.21	6.43	7.82	5.50	1.00	0.	1.90	-1.60	-0.70	-1.00
15	-38.34	10.32	1.90	5.50	1.90	0.00	1.90	-1.90	-0.10	-1.00
16	-10.90	11.03	-1.10	5.20	1.90	0.20	1.90	-2.20	0.00	-0.70
17	39.05	8.52	-7.95	4.50	1.90	0.00	1.90	-1.90	0.10	-0.40
18	42.56	3.19	-11.96	4.10	1.90	-0.40	1.50	-1.70	0.10	-0.40
19	25.84	-3.32	-13.95	3.40	1.90	-1.20	1.20	0.00	0.	-0.10
20	-1.51	-12.16	-14.84	1.90	1.30	-2.00	0.20	0.40	-0.00	-0.10
21	-21.63	-19.91	-9.46	0.50	-0.00	-3.10	-0.00	1.90	-0.20	-0.40
22	-27.25	-19.33	-2.10	0.	-1.00	-3.60	-0.60	2.00	-0.50	-0.70
23	-13.01	-11.22	1.50	-0.00	-3.71	-3.60	-2.10	2.60	-0.70	-1.20
24	8.36	5.18	5.91	-0.50	-5.60	-3.30	-4.00	3.70	-1.10	-1.50
25	19.66	18.24	7.80	0.00	-6.20	-1.90	-4.40	3.70	-1.20	-1.80
26	15.61	21.45	7.70	0.20	-6.28	-0.10	-5.00	3.40	-0.70	-1.90
27	10.17	21.30	7.91	3.00	-3.99	1.60	-5.30	2.60	0.00	-1.90
28	0.30	15.37	8.51	3.40	-1.90	4.20	-5.29	2.30	0.80	-1.90
29	-0.70	9.03	9.27	3.70	-1.60	5.21	-4.30	1.90	2.00	-1.90
30	1.70	-0.30	7.85	3.90	-0.20	6.21	-3.30	1.70	2.20	-1.90
31	1.90	-5.61	4.38	3.90	3.11	7.60	-1.90	1.50	2.60	-1.60
32	-7.52	-7.52	0.40	3.70	6.31	7.80	-1.10	1.50	2.60	-0.80
33	-12.63	-9.33	-1.60	2.10	7.93	7.90	0.00	1.40	3.00	0.
34	-21.81	-11.11	-3.90	1.90	9.91	7.90	1.20	1.50	2.80	0.00
35	-21.66	-11.39	-4.50	1.70	10.21	7.90	2.00	1.30	2.50	0.40
36	-12.64	-7.64	-3.59	0.60	10.59	8.00	2.60	1.20	2.30	1.00
37	-0.10	-2.60	-1.10	0.	10.16	7.79	2.40	0.20	1.90	1.20
38	23.75	0.10	0.00	-0.00	8.25	7.09	2.00	0.	1.60	1.10
39	32.54	4.31	3.59	-1.30	5.69	5.69	1.90	0.	0.80	0.60
40	35.97	5.52	8.02	-2.00	1.00	3.89	1.40	0.	0.40	0.20
41	28.14	8.10	9.62	-3.70	-0.70	2.10	1.20	-0.00	0.	0.
42	13.37	8.30	10.53	-4.00	-2.60	1.20	1.20	-0.10	0.	0.
43	-1.61	8.30	11.80	-4.50	-4.51	0.50	1.20	-0.10	-0.20	0.
44	-16.16	8.31	11.87	-3.39	-5.70	-0.70	1.10	-0.50	-0.20	0.
45	-21.51	9.29	10.92	-0.50	-5.69	-2.20	1.20	-1.00	-0.60	0.00
46	-15.01	8.95	7.67	0.00	-3.99	-3.90	1.20	-1.00	-0.60	0.40
47	-9.13	6.27	5.58	5.70	-2.20	-3.90	1.20	-1.10	-0.40	0.80
48	0.00	3.00	2.40	5.90	-1.40	-3.90	2.10	0.	-0.10	1.80
49	4.00	1.00	-0.20	6.20	0.00	-2.40	3.30	0.00	0.00	1.80
50	2.59	0.	-3.91	6.40	1.90	-2.00	3.80	0.10	0.30	2.00

RECORD=S-266 COMPONENT=E-H SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=WAKAYAMAJI-S
DATE AND TIME=1968-04-01-09-42 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 950

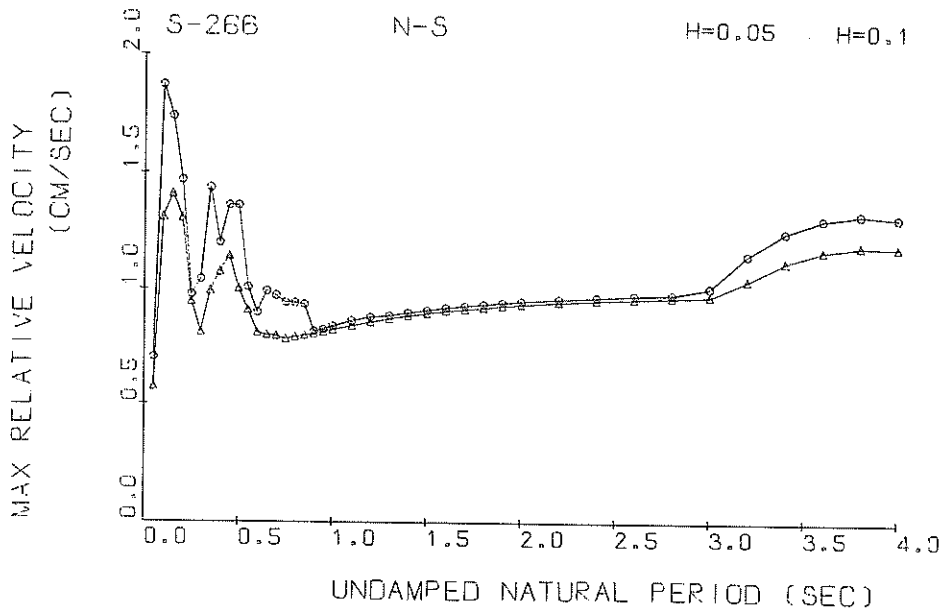
NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	0.10	11.84	11.76	-7.24	-0.00	-3.20	-0.50	0.	-1.80	-2.30
2	0.10	9.66	13.74	-2.00	-0.60	-2.40	-1.90	0.	-1.80	-2.30
3	0.10	3.00	14.84	1.60	-2.30	-2.10	-4.61	0.	-1.80	-1.90
4	-0.20	2.40	15.72	7.11	-2.30	-1.90	-6.00	0.00	-1.90	-1.90
5	-2.70	2.40	16.12	8.20	-2.70	-1.60	-6.50	-0.40	-2.00	-1.50
6	-2.69	6.08	16.33	8.49	-2.30	-1.30	-6.80	-1.20	-2.00	-0.70
7	2.20	3.09	14.97	7.87	-0.70	-1.70	-7.00	-1.90	-2.00	-0.40
8	2.09	-0.90	12.13	5.78	-0.10	-1.90	-7.00	-2.70	-1.90	-0.00
9	-3.36	-9.71	3.89	3.20	1.20	-2.30	-7.00	-3.40	-1.50	-0.30
10	14.56	-15.19	0.60	2.40	1.80	-2.80	-6.70	-3.90	-0.20	-1.10
11	40.55	-22.69	-3.01	0.30	1.70	-3.50	-6.19	-4.50	0.60	-2.00
12	21.75	-23.64	-8.95	-0.40	1.30	-4.40	-5.19	-4.40	1.00	-3.00
13	-15.46	-12.79	-10.60	1.50	0.50	-5.60	-4.70	4.00	1.90	-3.60
14	-59.08	-1.79	-4.00	-2.20	-0.00	-5.80	-3.70	-3.30	2.60	-3.90
15	-76.13	9.97	-8.81	-2.50	-1.30	-6.11	-3.30	-2.70	3.40	-3.90
16	-65.55	22.11	-3.40	-2.60	-3.70	-7.00	-2.40	-2.00	3.20	-3.90
17	-16.90	24.11	-1.80	-2.20	-4.70	-7.20	-1.80	-1.70	2.60	-3.90
18	26.76	25.15	0.70	-0.60	-5.30	-7.28	-0.80	1.00	2.00	-3.60
19	19.59	21.27	1.60	1.00	-5.40	-5.88	0.00	0.00	1.70	-3.30
20	9.39	14.40	-0.00	5.11	-5.40	-3.10	0.50	0.40	1.20	-3.00
21	-1.51	-2.01	-1.80	6.40	-5.10	-1.10	1.60	1.40	0.50	-2.60
22	-12.07	-13.53	-3.90	6.59	-4.30	1.30	2.60	1.80	0.	-2.60
23	-13.57	-13.93	-5.30	5.58	-3.40	5.92	3.60	1.80	-0.20	-2.20
24	-1.10	-5.49	-5.30	2.50	-3.00	8.22	3.90	1.60	-0.20	-1.90
25	5.80	-3.40	-5.30	0.30	-2.00	9.92	4.00	1.10	-0.60	-1.50
26	5.80	-3.50	-5.30	-1.30	-1.10	10.72	4.00	0.30	-0.60	-1.00
27	5.83	-2.20	-5.30	-3.00	0.10	11.60	4.10	0.00	-0.70	-0.20
28	10.39	2.51	-5.30	-5.20	1.80	11.67	3.90	-0.50	-0.80	0.00
29	14.85	8.43	-5.30	-5.90	2.80	10.76	3.80	-1.30	-1.20	0.70
30	24.07	10.46	-5.29	-5.90	3.90	9.17	3.40	-1.60	-1.20	1.20
31	26.14	13.04	-2.90	-5.70	5.31	7.76	3.00	-1.90	-0.70	1.40
32	21.70	14.05	-0.50	-5.20	6.20	4.79	2.40	-2.70	-0.70	1.90
33	10.68	14.65	8.85	-4.50	6.70	1.90	2.00	-2.70	-0.70	2.20
34	-11.81	13.38	11.88	-3.90	6.30	0.10	1.60	-2.70	-0.40	1.90
35	-29.11	10.11	14.34	-3.70	5.89	-0.70	0.40	-2.70	0.	1.20
36	-36.99	1.50	15.17	-3.70	5.19	-1.90	-0.00	-2.70	0.	0.10
37	-34.29	-1.50	14.52	-3.20	4.30	-3.00	-0.40	-2.70	0.	0.10
38	-25.01	-10.66	12.81	-2.20	3.40	-3.90	-1.50	-2.30	0.	-0.40
39	-11.03	-12.76	10.23	-1.00	2.00	-4.30	-2.10	-1.90	0.	-0.40
40	11.83	-14.45	2.89	-1.00	0.90	-3.90	-2.50	-1.70	0.	-1.30
41	26.03	-15.56	-0.00	0.00	-0.00	-2.70	-0.00	-1.90	-1.60	-0.00
42	28.71	-16.71	-6.93	1.40	-1.40	-1.30	-2.60	-1.60	-0.10	-1.60
43	20.50	-18.63	-9.45	2.20	-3.00	0.00	-2.60	-2.20	-0.40	-1.60
44	10.91	-20.35	-12.06	2.50	-3.90	0.70	-2.60	-2.50	-0.70	-1.60
45	-12.64	-20.63	-13.95	2.50	-4.00	1.50	-2.40	-2.70	-1.20	-1.60
46	-25.22	-17.56	-15.01	2.00	-4.10	2.20	-2.70	-2.70	-1.20	-1.60
47	-28.62	-12.56	-15.32	1.60	-4.10	2.00	-1.90	-2.70	-1.60	-1.60
48	-26.80	-2.49	-15.70	1.10	-4.10	1.90	-1.10	-2.70	-1.90	-1.60
49	-13.17	2.71	-15.56	0.50	-4.10	1.20	-0.50	-2.00	-2.50	-1.60
50	10.24	8.85	-12.80	0.10	-3.90	0.20	-0.10	-1.80	-2.50	-1.90



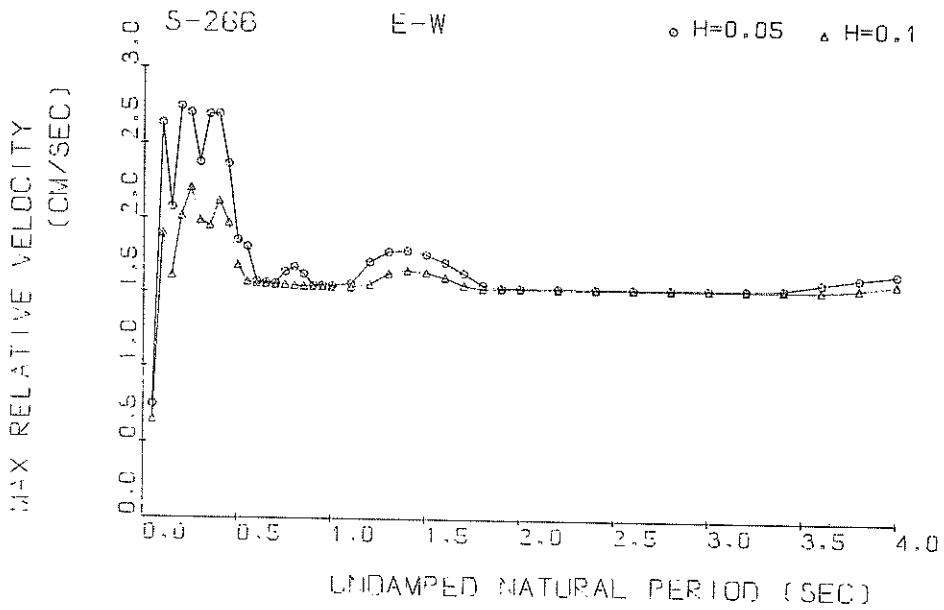
Response Spectra



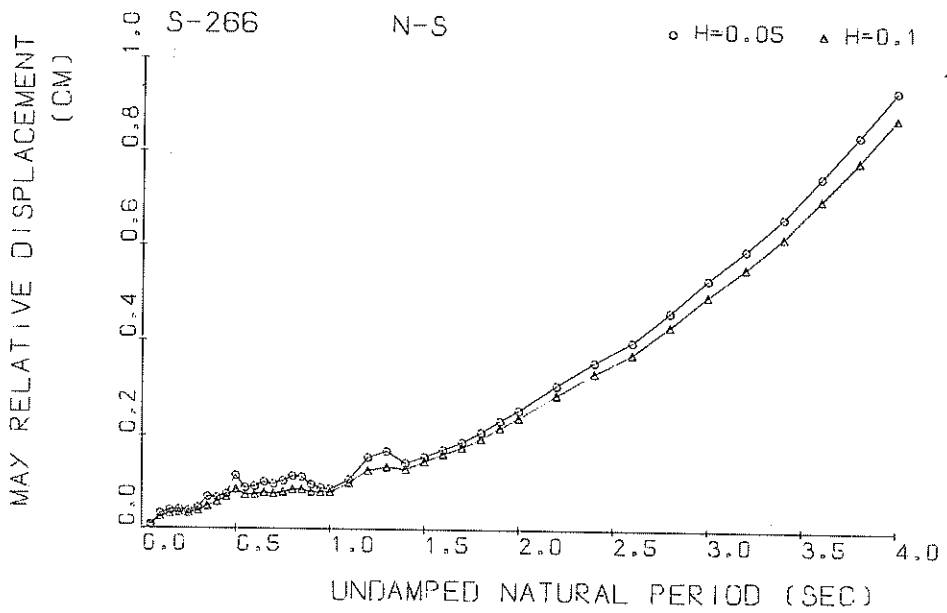
Response Spectra



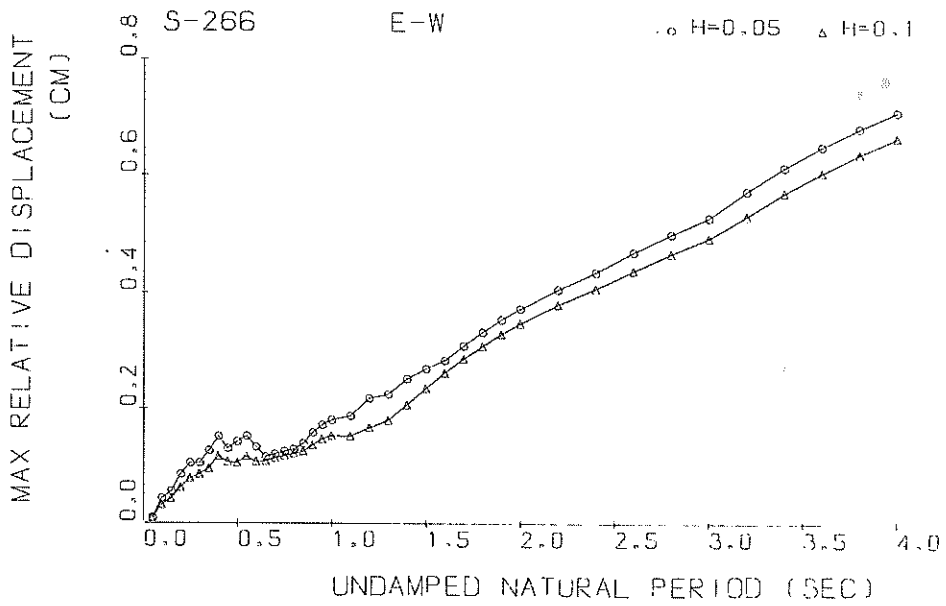
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-260 N-S 1968-04-01-09-42 1968-HYUGANADA
 STATION = WAKAYAMAJI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR,
 TIME LENGTH = 4.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 46.21(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	2.463	113.82	77.55	0.703	0.0071
0.100	2.758	127.47	115.40	1.869	0.0320
0.150	1.499	69.27	77.14	1.734	0.0390
0.200	0.867	40.09	61.49	1.468	0.0403
0.250	0.522	24.10	52.55	0.977	0.0378
0.300	0.430	19.87	51.18	1.044	0.0452
0.350	0.491	22.67	50.16	1.437	0.0697
0.400	0.567	16.95	49.41	1.203	0.0682
0.450	0.522	14.90	48.85	1.363	0.0761
0.500	0.596	18.28	48.42	1.363	0.1151
0.550	0.253	11.70	48.08	1.010	0.0892
0.600	0.221	10.21	47.82	0.900	0.0926
0.650	0.207	9.59	47.61	0.993	0.1020
0.700	0.171	7.92	47.43	0.973	0.0980
0.750	0.159	7.37	47.29	0.943	0.1043
0.800	0.154	7.10	47.17	0.943	0.1143
0.850	0.133	6.16	47.07	0.937	0.1122
0.900	0.102	4.72	46.99	0.816	0.0963
0.950	0.086	3.97	46.92	0.827	0.0889
1.000	0.076	3.52	46.85	0.843	0.0870
1.100	0.076	3.51	46.75	0.866	0.1072
1.200	0.093	4.29	46.67	0.882	0.1553
1.300	0.086	3.98	46.61	0.888	0.1684
1.400	0.063	2.90	46.56	0.901	0.1430
1.500	0.060	2.78	46.52	0.913	0.1553
1.600	0.059	2.71	46.48	0.923	0.1720
1.700	0.057	2.62	46.46	0.932	0.1873
1.800	0.056	2.57	46.43	0.940	0.2088
1.900	0.056	2.58	46.41	0.947	0.2329
2.000	0.053	2.36	46.39	0.933	0.2560
2.200	0.053	2.34	46.37	0.963	0.3074
2.400	0.054	2.49	46.34	0.971	0.3562
2.600	0.052	2.39	46.33	0.978	0.3997
2.800	0.052	2.38	46.31	0.984	0.4630
3.000	0.052	2.39	46.30	1.013	0.5321
3.200	0.051	2.36	46.29	1.134	0.5936
3.400	0.050	2.30	46.29	1.234	0.6633
3.600	0.050	2.31	46.28	1.310	0.7344
3.800	0.050	2.32	46.27	1.332	0.8430
4.000	0.051	2.35	46.27	1.320	0.9423

RESPONSE SPECTRUM

RECORD = S-266 N-S 1968-04-01-09-42 1968-HYUGANADA
 STATION = WAKAYAMAJI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 4.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 46.21(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	2.212	102.21	65.76	0.576	0.0064
0.100	1.978	91.41	98.11	1.316	0.0230
0.150	1.176	54.34	69.02	1.412	0.0306
0.200	0.746	34.46	57.36	1.310	0.0332
0.250	0.438	20.26	51.84	0.950	0.0315
0.300	0.362	16.71	50.76	0.815	0.0376
0.350	0.335	15.50	49.88	0.995	0.0467
0.400	0.305	14.12	49.26	1.077	0.0560
0.450	0.292	13.47	48.76	1.147	0.0675
0.500	0.290	13.70	48.35	1.005	0.0847
0.550	0.216	9.82	48.04	0.914	0.0732
0.600	0.180	8.32	47.80	0.814	0.0741
0.650	0.162	7.46	47.60	0.804	0.0779
0.700	0.134	6.19	47.44	0.800	0.0757
0.750	0.122	5.62	47.30	0.786	0.0790
0.800	0.114	5.26	47.19	0.796	0.0840
0.850	0.102	4.69	47.09	0.802	0.0842
0.900	0.087	4.04	47.01	0.810	0.0796
0.950	0.081	3.75	46.94	0.819	0.0786
1.000	0.073	3.37	46.88	0.828	0.0792
1.100	0.071	3.30	46.78	0.846	0.0994
1.200	0.077	3.55	46.70	0.862	0.1262
1.300	0.071	3.26	46.64	0.876	0.1336
1.400	0.061	2.80	46.59	0.889	0.1284
1.500	0.059	2.73	46.55	0.900	0.1452
1.600	0.058	2.67	46.51	0.911	0.1607
1.700	0.056	2.59	46.48	0.919	0.1752
1.800	0.054	2.50	46.46	0.927	0.1950
1.900	0.053	2.47	46.44	0.935	0.2173
2.000	0.053	2.46	46.42	0.941	0.2387
2.200	0.052	2.42	46.39	0.952	0.2865
2.400	0.052	2.39	46.37	0.960	0.3322
2.600	0.050	2.32	46.35	0.967	0.3734
2.800	0.050	2.33	46.36	0.973	0.4326
3.000	0.051	2.34	46.32	0.978	0.4964
3.200	0.050	2.32	46.31	1.045	0.5557
3.400	0.049	2.27	46.30	1.127	0.6221
3.600	0.048	2.21	46.29	1.177	0.7041
3.800	0.048	2.20	46.29	1.198	0.7886
4.000	0.048	2.23	46.28	1.194	0.8802

RESPONSE SPECTRUM

RECORD = S-266 E-W 1968-04-01-09-42 1968-HYUGANADA
 STATION = WAKAYAMAJI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR,
 TIME LENGTH = 4.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 76.16(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.891	146.98	79.90	0.748	0.0091
0.100	2.265	172.44	159.38	2.636	0.0435
0.150	1.278	97.62	100.60	2.074	0.0557
0.200	1.115	84.86	105.60	2.746	0.0855
0.250	0.872	66.66	86.67	2.702	0.1046
0.300	0.806	45.89	80.89	2.672	0.1046
0.350	0.739	41.03	79.74	2.692	0.1267
0.400	0.494	67.57	78.92	2.694	0.1509
0.450	0.536	25.57	78.66	2.662	0.1298
0.500	0.294	22.40	77.90	1.849	0.1412
0.550	0.260	19.78	77.57	1.806	0.1507
0.600	0.191	14.56	77.62	1.568	0.1319
0.650	0.142	10.82	77.12	1.561	0.1145
0.700	0.128	9.77	76.97	1.556	0.1196
0.750	0.116	8.84	76.84	1.665	0.1241
0.800	0.105	8.03	76.74	1.667	0.1279
0.850	0.100	7.63	76.66	1.618	0.1379
0.900	0.102	7.77	76.58	1.542	0.1569
0.950	0.100	7.59	76.56	1.540	0.1706
1.000	0.094	7.17	76.48	1.568	0.1787
1.100	0.081	6.13	76.40	1.550	0.1866
1.200	0.079	5.98	76.64	1.700	0.2170
1.300	0.069	5.28	76.29	1.769	0.2240
1.400	0.067	5.09	76.26	1.778	0.2511
1.500	0.062	4.73	76.26	1.751	0.2684
1.600	0.059	4.48	76.21	1.698	0.2836
1.700	0.057	4.63	76.19	1.627	0.3086
1.800	0.055	4.17	76.18	1.545	0.3321
1.900	0.052	6.99	76.16	1.526	0.3530
2.000	0.050	6.80	76.15	1.525	0.3717
2.200	0.045	6.43	76.14	1.525	0.4047
2.400	0.041	6.09	76.16	1.524	0.4338
2.600	0.037	2.79	76.12	1.524	0.4686
2.800	0.034	2.55	76.12	1.524	0.4982
3.000	0.036	2.68	76.11	1.526	0.5266
3.200	0.030	2.28	76.11	1.526	0.5721
3.400	0.029	2.17	76.11	1.527	0.6130
3.600	0.027	2.06	76.11	1.567	0.6491
3.800	0.026	1.94	76.10	1.602	0.6815
4.000	0.024	1.83	76.10	1.652	0.7102

RESPONSE SPECTRUM

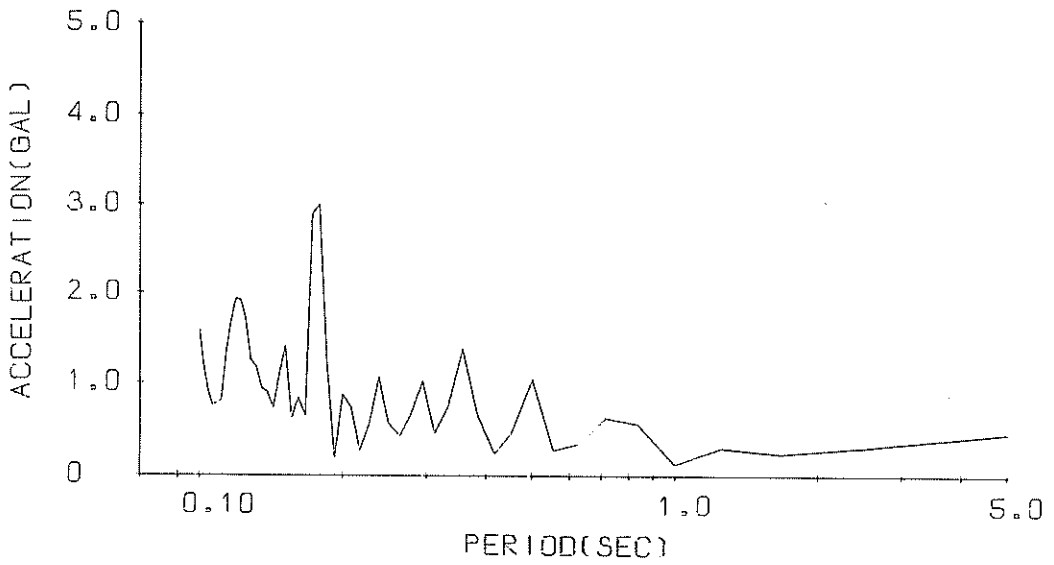
RECORD # S-266 E-W 1968-04-01-09-42 1968-HYUGANADA
 STATION = WAKAYAMAJI-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 4.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 76.16(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.020	1.726	161.19	66.69	0.640	0.0086
0.100	1.006	122.29	167.95	1.889	0.0304
0.150	0.954	72.62	99.68	1.605	0.0412
0.200	0.825	62.82	88.85	2.007	0.0609
0.250	0.652	49.66	80.18	2.198	0.0771
0.300	0.495	37.67	79.26	1.979	0.0839
0.350	0.406	30.94	78.47	1.944	0.0936
0.400	0.388	29.55	77.91	2.116	0.1160
0.450	0.281	21.40	77.49	1.967	0.1060
0.500	0.219	16.70	77.18	1.679	0.1039
0.550	0.206	15.46	76.95	1.565	0.1156
0.600	0.158	12.03	76.77	1.558	0.1069
0.650	0.138	10.47	76.66	1.556	0.1079
0.700	0.125	9.50	76.52	1.548	0.1125
0.750	0.114	8.66	76.46	1.545	0.1172
0.800	0.104	7.91	76.36	1.541	0.1216
0.850	0.095	7.25	76.30	1.539	0.1247
0.900	0.092	7.02	76.26	1.537	0.1356
0.950	0.089	6.81	76.22	1.535	0.1460
1.000	0.085	6.45	76.19	1.534	0.1526
1.100	0.071	5.40	76.14	1.531	0.1520
1.200	0.066	4.81	76.10	1.522	0.1668
1.300	0.059	4.48	76.08	1.625	0.1801
1.400	0.058	4.40	76.06	1.648	0.2068
1.500	0.058	4.41	76.05	1.666	0.2366
1.600	0.057	4.36	76.04	1.597	0.2632
1.700	0.056	4.26	76.06	1.545	0.2874
1.800	0.054	4.12	76.06	1.524	0.3097
1.900	0.052	3.97	76.02	1.524	0.3300
2.000	0.050	3.81	76.02	1.524	0.3486
2.200	0.046	3.49	76.02	1.526	0.3805
2.400	0.042	3.18	76.02	1.526	0.4075
2.600	0.038	2.90	76.02	1.522	0.4378
2.800	0.035	2.65	76.02	1.522	0.4676
3.000	0.032	2.43	76.06	1.522	0.4936
3.200	0.030	2.26	76.06	1.522	0.5308
3.400	0.028	2.17	76.06	1.522	0.5706
3.600	0.027	2.07	76.06	1.522	0.6060
3.800	0.026	1.97	76.04	1.537	0.6381
4.000	0.025	1.88	76.04	1.569	0.6668

S-266 N-S

TSK=0.00

TUS=5.00

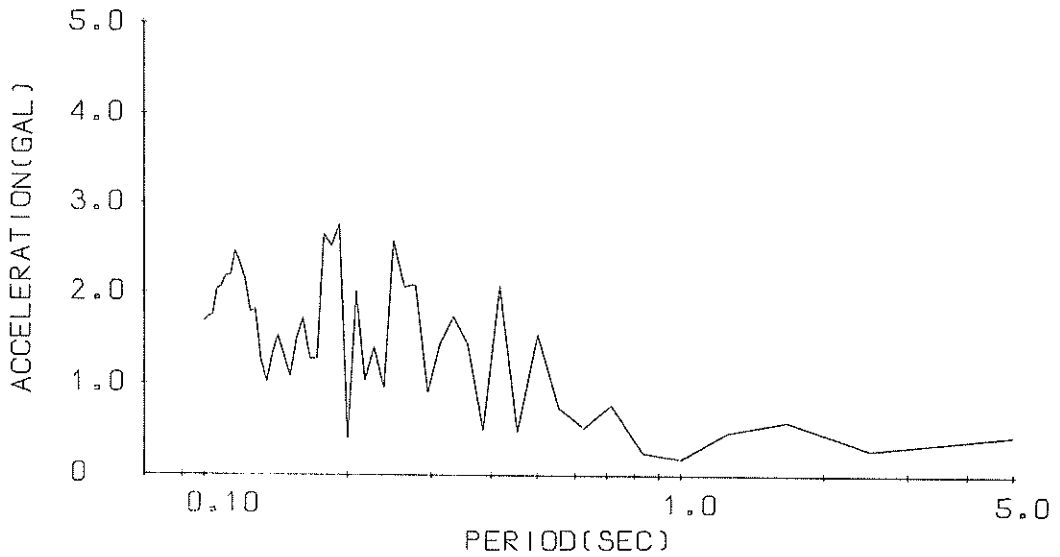


Fourier Spectrum

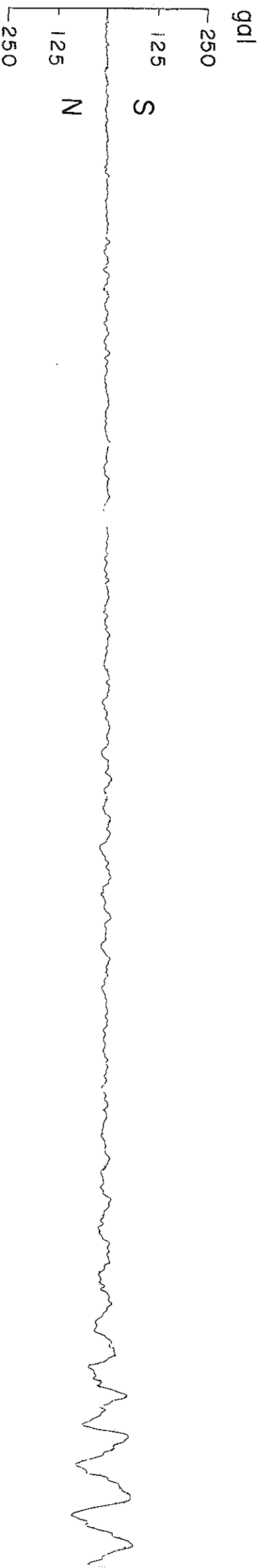
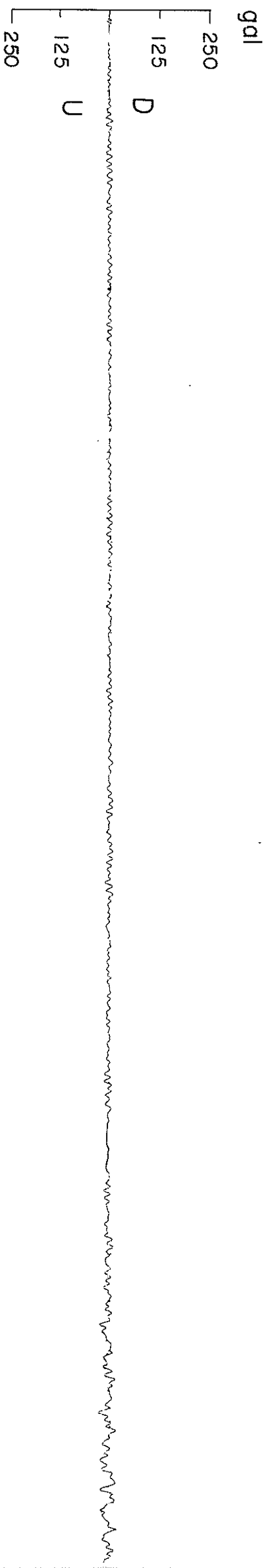
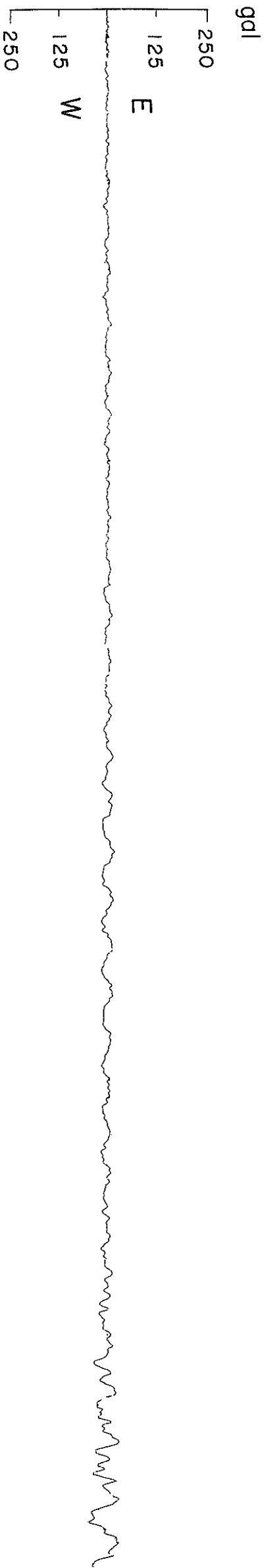
S-266 E-W

TSK=0.00

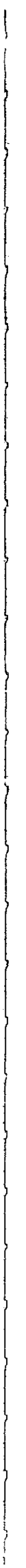
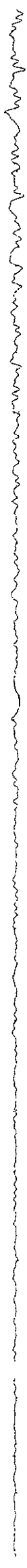
TUS=5.00



Fourier Spectrum



(S-282, OFUNATO-S, 08:05 on MAY 18, 1968)
-169~170-



RECORD-S-282
 DATE AND TIME=1968-05-18-08-05 COMPONENT=N-S SIGNAL=GR*ACC. CORRECTION=ZERO-ARC STATION=OFUNATO-S
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8600

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.00	-2.60	1.30	1.40	0.00	0.00	0.00	0.00	-2.70	-1.70
2	-1.10	-3.10	1.30	0.60	-5.10	0.00	-0.00	0.30	-2.20	-2.10
3	-5.39	-3.40	1.30	-0.00	4.90	0.00	-0.50	0.20	-1.90	-2.30
4	-3.20	-3.70	1.30	-1.10	-1.10	0.00	-1.60	0.00	-0.70	-2.70
5	-2.90	-3.90	0.80	-1.80	-3.10	0.00	-1.60	0.00	0.00	-3.10
6	-2.50	-4.30	0.40	-2.10	-2.30	0.00	-1.90	-0.00	0.00	-3.10
7	-2.10	-3.50	0.20	-2.10	-1.60	0.50	-1.90	-0.10	0.00	-3.10
8	-1.60	-2.80	0.20	-2.10	-1.10	0.70	-1.00	-0.80	0.00	-2.80
9	-1.00	-2.00	0.20	-1.70	-1.10	1.00	-0.70	-1.10	-0.00	-2.80
10	-0.80	-1.50	0.20	-1.50	-1.10	1.20	-0.30	-1.60	-0.30	-2.70
11	-1.20	-1.20	0.20	-1.40	-1.40	1.50	-0.30	-1.60	-1.50	-2.00
12	-2.00	-0.70	0.00	-1.40	-1.90	1.30	-0.30	-1.60	-1.90	-1.00
13	-2.60	-1.00	0.00	-1.30	-2.20	1.40	-0.80	-1.70	-2.20	0.00
14	-2.30	-1.60	0.00	-2.00	-2.60	1.10	-3.30	-0.10	-2.30	2.00
15	-1.60	-2.20	0.00	-3.00	-2.90	0.40	-4.50	0.00	-2.10	5.90
16	0.00	-2.50	0.00	-3.50	-2.90	-0.00	-4.60	0.10	-1.90	6.50
17	0.10	-2.20	0.00	-3.40	-3.00	-0.70	-4.50	0.10	-1.70	6.50
18	0.40	-0.30	-0.00	-3.40	-1.90	-1.20	-4.19	0.20	-1.20	5.99
19	0.40	0.80	-1.20	-2.70	-1.40	-1.60	-2.00	0.00	-0.60	4.98
20	0.40	2.50	-1.80	-1.90	0.00	-1.60	-1.40	0.00	-0.40	2.00
21	-0.20	2.40	-3.90	-0.80	0.60	-1.40	-1.40	0.00	-0.20	-0.00
22	-0.00	2.40	-4.50	0.40	1.80	-1.00	-1.90	0.00	-0.00	-1.10
23	-0.10	2.00	-5.10	1.90	1.90	-1.00	-2.40	-0.00	-0.40	-2.10
24	0.40	-0.40	-5.50	2.00	1.80	-1.00	-3.70	-0.80	-0.50	-2.60
25	1.90	-1.70	-5.70	2.10	1.40	-1.00	-4.51	-0.30	-0.70	-3.90
26	3.30	-1.90	-5.70	1.90	-0.00	-0.90	-5.70	-0.10	-0.30	-3.80
27	2.30	-1.80	-5.70	1.50	0.90	-1.30	-5.30	0.00	0.00	-3.20
28	-0.30	-1.90	-5.29	0.80	-1.80	-1.40	-4.70	0.00	0.20	-2.60
29	-1.00	-1.00	-4.30	0.30	-2.50	-1.40	-3.89	0.00	0.70	-2.50
30	-2.70	0.00	-3.70	-0.00	-3.90	-1.60	-0.60	-0.00	2.30	-2.50
31	-2.90	0.40	-3.60	-0.20	-4.50	-1.40	0.00	-1.10	2.10	-3.20
32	-2.40	0.40	-3.70	-0.20	4.50	-0.70	1.20	-2.10	2.00	-3.51
33	-1.40	0.40	-3.00	0.00	-4.50	-0.00	2.40	-3.40	1.70	-6.52
34	-0.50	0.00	-2.60	0.00	-3.70	-0.10	3.00	-3.80	1.40	-8.60
35	-0.50	-0.00	-2.60	0.50	-2.50	0.00	3.10	-3.90	1.00	-8.70
36	-0.50	-0.40	-2.60	1.20	-2.10	0.00	3.00	-3.90	-0.00	-8.59
37	-1.30	-1.10	-1.90	1.20	-1.90	0.00	2.30	-3.90	-0.40	-7.89
38	-2.50	-1.10	-1.80	0.70	-1.70	0.00	1.80	-3.00	-0.30	-7.09
39	-2.50	-0.80	-1.80	0.30	-1.50	0.00	1.00	-2.30	0.00	-5.90
40	-2.70	-0.70	-1.60	0.00	-1.90	0.00	-0.00	-1.90	0.00	-5.30
41	-2.70	-0.70	-1.00	-0.20	-2.30	0.20	-0.20	-1.80	0.00	-5.10
42	-2.10	-0.40	-0.70	-0.30	-2.30	0.50	-1.10	-1.90	0.10	-4.60
43	-1.70	-0.40	-0.40	-0.30	-2.20	0.50	-1.10	-1.90	0.10	-3.69
44	-1.00	-0.20	-0.50	-0.30	-2.20	0.50	-1.60	-1.80	0.00	-1.90
45	-0.70	0.00	0.00	-0.20	-1.50	0.80	-1.60	-1.80	-0.00	0.00
46	-0.80	0.80	0.40	-0.20	-0.60	0.80	-1.60	-1.80	-0.30	0.50
47	-1.00	0.80	0.40	-0.70	-0.30	0.90	-1.30	-2.00	-0.60	1.20
48	-1.50	1.00	1.40	-0.70	0.00	1.00	-1.00	-2.20	-1.00	1.60
49	-1.90	1.10	1.80	-4.40	0.00	1.00	-0.70	-2.50	-1.30	1.60
50	-2.20	1.20	1.80	-4.40	0.00	0.40	-0.40	-2.70	-1.70	0.50

RECORD-S-282 COMPONENT=N-S SIGNAL=GR.AGC. STATION=DFUNATO-S
 DATE AND TIME=1968-05-18-08-05 SAMPLING INTERVAL= 0.010(SEC) CORRECTION=ZERO.ARC FORMAT NO.=301 TOTAL NUMBER OF DATA= 8600

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	0.	-0.60	-3.50	3.90	-1.90	-2.40	1.20	-2.70	-1.70	1.40
2	-0.00	-1.30	-2.70	3.20	-1.10	-1.70	0.00	-2.65	-1.30	1.30
3	-0.30	-3.51	-1.90	1.80	0.00	-1.10	-0.70	-2.60	-0.30	1.00
4	0.00	-6.40	-1.10	1.60	1.80	-1.00	-1.70	-1.90	0.	0.
5	0.50	-6.80	0.00	1.00	1.90	-1.40	-1.90	-0.70	0.	0.
6	7.30	-7.30	1.80	0.	1.60	-2.10	-2.20	-0.20	0.	0.
7	2.80	-7.70	2.30	-0.00	1.10	-2.40	-2.70	0.	0.	0.
8	2.80	-7.90	2.30	-2.40	1.00	-3.20	-3.20	0.	0.	0.
9	2.40	-7.91	2.00	-3.10	0.	-2.70	-2.60	0.	-0.00	0.00
10	1.00	-8.60	2.00	-3.70	0.	-2.20	-2.40	0.00	-1.60	0.40
11	-1.40	-8.69	1.30	-3.90	-0.00	-1.60	-3.20	1.20	-1.90	0.80
12	-1.90	-8.25	1.30	-4.30	-0.10	-0.60	-3.20	1.80	-5.10	1.20
13	-1.90	-4.79	1.30	-5.51	-1.10	-0.10	-3.10	1.90	-5.70	1.60
14	-1.90	-2.50	1.30	-6.41	-1.90	-0.60	-3.70	3.20	-5.90	1.90
15	-1.70	-1.70	0.70	-7.40	-2.40	-1.10	-3.80	3.91	-6.01	1.90
16	-1.30	-1.10	0.	-7.40	-2.70	-1.60	-3.90	5.91	-7.60	1.90
17	-1.40	-0.20	-0.00	-7.39	-2.10	-1.80	-3.30	7.80	-7.28	1.90
18	-1.50	1.00	-0.50	-6.59	-1.90	-1.90	-2.70	7.92	-5.90	1.90
19	-1.40	1.00	-1.00	-5.89	-1.60	-1.50	-1.50	9.40	-5.90	1.90
20	-6.53	1.00	-1.60	-4.60	-0.80	-0.50	-1.00	9.40	-5.90	2.00
21	-9.50	1.50	-0.50	-3.80	-0.30	0.00	-1.30	9.18	-5.19	1.90
22	-9.50	2.20	-0.10	-2.50	0.00	0.60	-1.70	8.00	-5.19	3.00
23	-8.48	3.51	0.	-2.10	0.20	1.70	-2.30	7.90	-3.90	3.91
24	-6.47	5.90	0.	-2.49	0.	1.90	-3.90	7.89	-3.90	3.50
25	-6.47	5.90	0.	7.20	0.	1.90	-4.50	7.28	-3.90	5.91
26	-3.50	5.79	-0.00	6.80	-0.00	1.60	-3.90	5.68	-3.90	6.99
27	-1.90	5.09	-3.70	7.19	-0.10	1.80	-3.00	3.10	-3.90	6.00
28	-1.00	3.40	-5.01	6.61	-0.40	2.40	-1.90	1.90	-5.30	5.90
29	0.40	1.90	-7.20	7.19	-0.50	3.20	-1.80	1.50	-5.70	5.79
30	3.00	0.60	-7.49	5.90	-0.90	3.90	-1.50	1.30	-5.90	3.89
31	3.90	0.	-6.49	6.21	-1.20	4.20	-1.40	1.30	-5.70	1.90
32	5.20	0.	-5.88	7.50	-1.50	3.90	-1.70	1.10	-5.19	1.20
33	5.50	0.	-3.30	7.18	-1.80	3.60	-2.00	0.20	-3.90	0.30
34	5.50	-0.00	-1.90	5.40	-2.30	3.30	-3.00	0.50	-2.70	0.
35	5.40	-0.50	-1.50	5.91	-4.40	3.00	-3.40	0.	-1.70	0.
36	4.99	-1.10	-0.40	7.20	-4.70	3.40	-4.10	0.	-0.70	0.
37	3.90	-1.60	0.	7.50	-5.60	3.90	-5.10	0.	0.00	0.
38	3.30	-1.80	0.00	7.50	-5.70	3.90	-5.40	0.	1.50	-0.00
39	2.70	-2.00	0.10	7.20	-5.30	3.90	-4.80	0.	1.90	-1.40
40	2.10	-4.10	-0.00	6.99	-4.50	4.30	-4.10	-0.00	3.90	-3.30
41	1.40	-4.70	-0.20	5.90	-4.20	5.10	-4.00	-0.30	4.50	-5.91
42	0.20	-4.70	-0.70	5.38	-4.00	4.50	-3.90	-0.00	4.20	-5.50
43	0.00	-3.90	-1.00	1.90	-3.90	4.10	-3.70	-1.00	3.79	-5.90
44	0.50	-3.90	0.00	1.90	-3.90	3.90	-3.50	-1.10	1.90	-5.91
45	0.70	-3.90	0.20	-0.00	-3.90	3.50	-3.30	-1.40	1.90	-7.30
46	1.40	-3.90	1.10	-1.30	-3.90	3.20	-3.10	-1.70	1.40	-7.50
47	1.40	-3.90	2.10	-3.90	-4.10	2.70	-2.60	-1.60	1.30	-7.90
48	1.40	-4.10	2.70	-5.00	-4.20	2.30	-2.40	-1.70	1.20	-7.90
49	1.40	-4.10	3.80	-4.50	-3.90	2.00	-2.10	-1.70	1.20	-7.90
50	0.30	-4.10	3.90	-3.69	-3.60	1.70	-2.60	-1.70	1.20	-7.92

RECORD-S-282
DATE AND TIME=1968-05-18-08-05

COMPONENT=N+S
SIGNAL=GR.ACC.
CORRECTION=ZERO.ARG
FORMAT NO.=301

SAMPLING INTERVAL= 0.010(SEC)

STATION=OFUNATO-S
TOTAL NUMBER OF DATA= 8600

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-9.10	1.90	-5.39	-3.50	-3.50	7.80	-3.70	-1.20	-5.90	1.90
2	-9.18	1.90	-3.90	-2.00	-1.90	7.90	-3.90	0.00	-5.79	1.20
3	-8.00	3.60	-3.20	-1.90	-1.90	7.90	-5.00	3.91	-3.90	0.
4	-7.89	3.20	-1.90	-3.70	-3.70	7.90	-5.90	5.91	-3.80	-0.00
5	-7.28	1.90	-1.70	-7.28	-3.91	7.90	-5.90	7.00	-1.65	-0.40
6	-5.89	1.90	0.	-5.89	-5.91	7.77	-5.91	6.99	-0.00	0.
7	-4.19	1.90	0.	-7.38	-7.38	5.60	-7.11	5.90	-0.20	0.
8	-2.50	1.70	0.	-5.90	-5.90	5.09	-7.90	5.39	-0.00	0.
9	0.	1.30	0.	-5.10	-5.10	3.40	-8.02	3.99	-0.10	0.
10	0.	1.10	0.	-3.90	-3.90	3.30	-9.30	2.30	-0.50	0.
11	0.	1.20	0.	-3.49	-3.49	1.90	-9.30	2.40	-0.30	0.
12	0.	0.10	0.	0.	0.	2.00	-9.27	3.70	0.	0.
13	0.	0.	-0.00	2.20	0.00	2.30	-7.90	3.90	0.	0.
14	-0.00	0.	-1.50	3.10	1.20	3.00	-7.90	4.20	0.	0.
15	-1.90	-0.00	-1.90	3.20	1.70	3.10	-7.68	4.40	0.	0.00
16	-1.90	-0.50	-1.90	3.60	1.90	3.10	-5.90	4.00	-0.00	3.70
17	-1.90	-1.20	-1.90	3.80	1.60	3.30	-5.90	3.89	-1.40	3.90
18	-1.70	-1.60	-3.60	3.40	1.00	3.30	-5.50	1.90	-1.90	3.90
19	0.	0.	-3.80	1.90	0.	3.30	-3.90	0.	-3.90	3.89
20	0.	0.	-3.90	2.00	-0.00	3.40	-3.90	0.	-3.90	1.90
21	0.00	0.	-3.90	1.90	-1.00	3.60	-3.90	0.	-3.90	1.90
22	0.60	0.	-5.10	1.90	-3.50	3.60	-3.10	0.	-3.30	1.90
23	1.80	0.00	-5.60	1.90	-3.90	3.30	-1.40	0.	-1.70	1.90
24	1.90	1.10	-5.80	3.40	-3.90	3.30	-1.40	0.	-1.70	1.90
25	1.90	0.	-5.29	3.90	-3.90	1.90	-0.10	0.	0.00	1.90
26	1.60	0.	-3.90	4.00	-3.70	1.40	0.00	0.	0.30	1.90
27	0.	0.	-3.00	3.90	-3.60	-0.00	1.60	0.	1.90	1.70
28	0.	0.	-1.80	4.00	-3.40	-0.00	1.60	0.	3.20	1.40
29	0.	-0.00	0.	3.90	-3.90	-1.00	1.60	0.	3.30	1.40
30	0.	-1.70	0.	3.60	-3.90	-1.50	1.60	0.	3.40	1.80
31	0.	-1.90	0.	2.00	-3.90	-1.90	1.60	-1.90	3.30	-3.91
32	0.	-1.90	0.	1.90	-3.90	-1.90	1.60	-5.91	3.70	-5.82
33	-0.00	-1.90	0.	1.30	-3.60	-1.40	1.90	-7.92	3.70	-7.93
34	-1.00	-1.90	0.	0.50	-3.10	0.	2.10	-9.70	3.90	-9.90
35	-1.40	-1.90	-0.00	0.	-3.10	0.00	3.30	-9.90	3.90	-9.93
36	-1.00	-1.90	-1.40	0.	-1.90	1.10	3.90	-9.93	5.40	-11.51
37	0.	-1.90	-1.90	0.	0.	1.30	4.31	-11.51	5.91	-11.90
38	0.	-1.00	-1.90	0.	0.00	1.00	5.60	-11.90	7.10	-11.90
39	0.	0.	-1.90	0.	1.10	0.00	5.91	-11.90	7.30	-11.90
40	0.	0.	-1.90	0.	-0.00	0.20	7.00	-11.90	7.30	-11.90
41	0.	0.00	-1.10	-0.00	-0.10	0.	7.00	-11.87	7.28	-11.90
42	0.00	1.00	2.00	-0.50	-1.90	-0.00	6.99	-10.97	5.90	-11.90
43	1.20	1.70	4.30	-1.90	-3.10	-1.90	5.88	-9.85	5.70	-11.90
44	1.70	1.50	4.99	-1.90	-3.10	-1.90	3.80	-7.58	5.19	-11.80
45	1.40	1.20	8.90	-1.90	-1.90	-3.50	3.39	-5.90	3.90	-11.70
46	1.10	-0.00	3.10	-3.91	0.00	-3.90	1.10	-5.50	3.90	-11.78
47	0.	-1.10	1.10	-5.90	1.80	-3.90	0.	-5.50	3.90	-10.97
48	0.	-3.40	-0.00	-5.90	3.20	-3.90	-0.00	-5.90	3.60	-9.59
49	0.00	-5.40	-1.30	-5.69	4.21	-3.90	-1.60	-5.91	3.30	-9.27
50	1.00	-5.40	-3.00	-3.90	5.91	-3.90	-1.80	-7.20	2.20	-7.89
							-1.80	-7.09	1.90	-7.28

RECORD=5-262 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZFRO,ARC STATION=OFUNATO-S
 DATE AND TIME=1968-05-18-08-05 SAMPLING INTERVAL=0.0101(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=8000

NO.	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)
1	-5.87	3.90	-9.89	9.10	-1.90	5.89	-3.90	0.	9.93	-1.70
2	-1.90	3.90	-9.49	9.18	-3.10	3.90	-3.10	0.	11.10	-1.90
3	0.	3.90	-8.98	7.90	-3.10	2.99	-3.30	0.	11.17	-2.45
4	0.00	3.90	-7.90	7.90	-3.10	0.10	-1.90	-0.00	9.90	-6.51
5	1.90	3.90	-7.87	7.90	-1.90	-1.90	-1.50	-1.10	9.66	-5.71
6	3.90	3.30	-5.90	7.87	0.	-6.01	0.	-1.50	7.58	-7.50
7	3.90	1.90	-5.90	5.90	0.00	-7.90	0.00	-1.50	5.90	-7.83
8	3.90	-0.00	-5.90	5.89	3.80	-7.90	1.20	-1.40	3.90	-9.90
9	3.90	-0.50	-5.90	5.19	5.00	-7.90	1.80	-1.40	5.91	-9.79
10	1.90	-4.01	-5.39	3.90	5.20	-7.90	3.81	0.	5.91	-9.18
11	1.90	-6.11	-3.90	3.20	5.70	-7.91	5.92	0.	5.89	-7.90
12	1.90	-7.50	-3.69	1.90	5.69	-8.98	8.02	0.	5.89	-7.90
13	1.90	-7.60	-1.90	1.50	3.90	-7.90	9.31	0.	5.14	-7.87
14	1.90	-7.50	-1.70	1.50	3.90	-7.58	9.90	0.	3.69	-5.90
15	1.90	-7.48	0.00	0.	3.40	-5.90	9.70	0.	1.90	-5.90
16	3.20	-5.90	1.90	0.	1.90	-5.90	9.80	-0.00	1.90	-5.40
17	3.50	-5.90	3.51	0.	0.	-5.90	9.80	-3.91	0.00	-4.99
18	3.50	-5.80	7.21	0.	0.	-5.91	9.94	-5.91	1.60	-3.90
19	3.50	-5.50	7.90	-0.00	-0.00	-7.50	11.90	-7.92	1.90	-3.90
20	3.50	-5.30	7.92	-0.30	-0.30	-7.52	11.90	-8.31	1.90	-3.50
21	2.20	-4.99	9.61	-3.91	0.00	-9.55	11.90	-9.90	3.20	-3.00
22	1.60	-3.90	9.90	-7.33	1.90	-11.95	11.89	-9.90	3.60	-1.90
23	0.	-3.90	9.90	-9.61	3.91	-13.40	11.57	-9.90	3.30	0.
24	-0.01	-3.40	9.90	-9.94	5.91	-13.34	7.08	-9.90	1.90	-0.00
25	-0.10	-3.10	9.89	-11.65	7.89	-11.84	5.09	-9.90	1.90	-0.90
26	-1.00	-1.90	9.47	-13.40	7.30	-9.86	3.89	-9.90	1.60	-1.50
27	-1.90	-1.90	7.90	-15.81	7.60	-7.87	1.90	-9.90	1.20	-1.90
28	-3.30	-1.60	7.58	-15.90	7.60	-5.90	1.90	-9.90	1.20	-1.70
29	-3.70	-0.80	5.90	-15.90	7.40	-5.70	-0.00	-9.93	1.70	-1.70
30	-2.00	0.	5.29	-15.90	7.40	-5.69	-1.10	-11.21	1.90	-1.20
31	0.00	0.	3.90	-15.90	7.40	-3.90	-1.90	-11.65	3.30	0.00
32	0.00	-0.00	3.90	-15.90	7.70	-3.90	-2.00	-9.90	3.90	1.20
33	1.10	-0.00	3.80	-15.90	7.92	-3.90	-1.90	-9.62	3.90	1.90
34	1.90	-1.30	3.80	-15.79	9.10	-3.60	-2.00	-5.90	5.39	1.90
35	4.31	-1.60	3.90	-13.89	9.31	-1.90	-2.00	-5.69	3.99	1.90
36	7.60	-1.90	3.90	-13.63	9.93	-2.00	-3.90	-3.90	3.90	1.60
37	7.92	-1.90	3.90	-11.90	11.22	-1.90	-1.90	-3.60	3.00	1.60
38	9.41	-3.90	3.90	-11.84	11.90	-1.90	-1.50	-1.90	1.90	0.10
39	9.90	-3.91	3.00	-9.90	11.90	-1.90	0.	-1.90	1.20	0.
40	9.92	-5.50	1.90	-9.70	11.90	-1.70	0.	-1.30	-0.00	0.
41	11.01	-5.50	1.70	-9.80	11.78	-1.70	0.	-1.90	0.	0.
42	11.20	-5.50	1.50	-9.69	7.87	-1.90	0.	-1.90	0.00	0.00
43	11.20	-5.50	0.30	-9.08	5.90	-3.10	0.	1.10	-3.10	1.40
44	11.17	-5.50	0.	-7.87	5.90	-5.20	0.	1.80	-3.60	1.40
45	9.90	-5.50	0.00	-5.89	5.90	-5.60	0.	1.90	-3.50	1.40
46	9.89	-5.51	2.20	-3.89	5.60	-5.70	0.	3.01	-3.10	1.60
47	9.33	-7.11	5.91	-1.90	5.60	-5.80	0.	3.10	-3.10	1.60
48	5.89	-7.93	7.80	-1.90	5.60	-5.70	0.	9.41	-1.90	1.90
49	4.99	-6.90	8.01	-1.90	5.90	-5.70	0.	9.80	-1.90	1.90
50	3.90	-6.90	8.56	-1.90	5.90	-5.59	0.	9.90	-1.90	3.10

NO.	STATION=OFUNATO-S									
	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2400)	(2450)	(2500)
1	3.40	0.	3.91	-0.00	0.	-7.41	11.90	-3.41	3.89	-9.94
2	3.90	0.	5.70	-1.50	0.	-7.90	11.78	-5.72	2.20	-7.27
3	3.90	0.	5.90	-1.90	0.	-7.90	11.17	-7.92	1.40	-4.60
4	5.09	0.	5.59	-3.61	0.	-7.90	9.86	-9.21	1.00	-3.90
5	3.90	0.	3.90	-5.91	0.	-7.69	7.89	-9.70	0.30	-3.70
6	5.40	-0.00	3.69	-7.90	0.00	-7.09	7.10	-9.90	0.	-3.30
7	5.19	-1.90	1.90	-7.89	1.40	-5.90	7.00	-9.67	0.	-3.50
8	3.90	-3.50	1.80	-7.28	3.00	-5.89	7.30	-8.18	0.	-3.10
9	3.90	-3.90	1.50	-5.90	3.60	-3.90	7.09	-7.09	0.	-2.30
10	3.90	-3.90	1.90	-5.90	3.90	-3.50	6.30	-5.89	-0.00	-1.60
11	3.50	-3.90	1.90	-5.90	3.90	-3.90	6.10	-3.90	-0.10	1.70
12	3.20	-3.90	3.90	-5.70	3.90	-1.90	5.88	-3.00	-0.50	6.12
13	1.90	-3.50	3.90	-5.40	5.09	-1.50	3.80	-2.00	-1.00	9.13
14	1.20	-3.20	5.10	-5.09	3.90	0.	3.30	-1.90	-1.20	11.02
15	0.	-1.90	5.90	-3.90	4.99	0.	2.70	-2.40	-1.60	11.91
16	0.	-1.90	5.90	-3.90	3.90	0.	2.60	-2.30	-1.80	12.29
17	0.	-1.70	5.90	-3.89	3.90	0.	2.40	-3.00	-1.90	11.90
18	0.00	-1.00	5.89	-2.00	3.90	0.	1.80	-3.10	-3.91	11.89
19	1.20	0.	4.99	-1.70	3.60	0.	-0.10	-2.30	-6.31	11.70
20	1.90	0.	3.90	0.00	3.10	0.00	-1.60	-1.30	-7.70	11.69
21	3.70	0.	3.50	1.30	1.90	1.10	-6.11	0.00	-7.91	11.18
22	3.90	0.	1.90	1.80	1.90	1.30	-7.51	1.20	-8.29	10.58
23	5.00	0.	1.90	1.90	1.80	1.70	-8.32	2.20	-7.88	9.88
24	5.40	0.	1.90	1.70	1.20	1.90	-9.61	6.32	-6.08	9.08
25	4.99	0.	1.70	1.30	0.	1.90	-10.00	9.14	-4.10	7.99
26	3.90	0.	1.60	1.20	0.	1.90	-9.89	11.66	-3.40	7.60
27	3.90	0.	1.90	0.	-0.00	1.90	-9.18	13.68	-2.60	7.60
28	3.90	-0.00	1.90	0.	-1.30	1.50	-8.09	15.59	-2.40	7.91
29	3.60	-1.20	1.90	0.	-1.90	0.	-7.69	17.24	-1.90	8.42
30	3.20	-1.90	1.90	0.	-3.10	0.00	-6.59	17.79	-3.10	9.70
31	3.90	-3.50	1.60	-0.00	-3.40	0.10	-5.89	17.68	-3.91	9.91
32	3.90	-3.90	-0.00	-1.00	-3.70	0.50	-5.20	17.37	-5.83	10.42
33	3.90	-3.90	-1.30	0.	-3.70	1.60	-4.50	16.93	-9.84	11.10
34	5.29	-3.90	-1.90	0.00	-3.60	1.90	-4.20	15.83	-11.55	11.10
35	3.90	-4.99	-1.90	1.90	-3.20	1.90	-3.90	14.55	-13.43	11.08
36	3.89	-3.90	-1.90	3.91	-3.00	1.90	-3.70	13.58	-14.28	10.28
37	1.90	-3.90	-1.00	5.91	-1.90	1.90	-3.50	13.17	-13.88	9.18
38	1.70	-3.10	0.00	7.30	-3.20	2.10	-3.30	12.29	-13.26	7.89
39	-0.00	-1.90	1.60	7.70	-3.80	3.00	-3.10	11.90	-12.29	7.19
40	-1.40	-1.90	1.90	7.90	3.80	3.80	-3.10	11.90	-11.90	6.00
41	-1.90	-1.50	1.90	7.70	-5.00	4.40	-3.10	11.90	-11.89	6.00
42	-3.90	-0.00	3.20	7.60	-5.50	5.51	-3.10	11.90	-11.70	6.61
43	-4.99	-1.10	3.00	7.70	-5.90	7.52	-2.50	12.01	-11.70	7.91
44	-3.90	-1.30	1.90	7.70	-5.90	9.02	-2.40	12.42	-11.70	8.62
45	-3.90	-1.60	1.90	7.79	-5.91	9.91	-1.90	13.01	-11.70	9.61
46	-3.20	-1.30	1.90	7.19	-7.09	10.30	-1.80	13.16	-11.70	9.90
47	-1.90	0.	1.40	5.89	-1.90	10.53	-1.40	12.13	-11.70	9.91
48	-1.30	0.00	0.	3.89	-5.90	11.92	-1.40	9.86	-11.68	10.20
49	0.	1.90	0.	1.90	-5.80	12.59	-1.70	7.97	-11.08	10.42
50	0.	2.90	0.	1.70	-5.91	12.39	-1.70	5.59	-10.20	11.21

RECORD=S-282
DATE AND TIME=1966-05-18-08-05
COMPONENT=N-S
SAMP ING INTERVAL = 0.040(SEC)
CORRECTION=ZERO.ARC
FORMAT NO.=301

NO.	RECORD=S-282 DATE AND TIME=1968-05-18-08-05					COMPONENT=N-S					SIGNAL=GR.ACC. SAMPLING INTERVAL= 0.010(SEC)					CORRECTION=ZFRO.ARC FORMAT NO.=301					STATION=OFUNATO-S TOTAL NUMBER OF DATA= 8600								
	(2500)	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)	(2500)	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)	(2500)	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	( 2950)
1	11.51	-1.90	6.19	-0.20	4.98	-12.08	1.90	60.50	-50.04	38.24																			
2	11.71	0.	5.29	0.00	2.00	-11.24	-0.00	60.50	-54.79	39.00																			
3	11.91	0.	3.89	1.90	0.10	-8.97	-1.90	60.11	-58.68	39.30																			
4	12.23	0.	2.20	2.30	-3.31	-1.90	-4.21	59.85	-61.43	40.35																			
5	13.00	0.	1.90	3.40	-7.93	1.70	-6.31	58.77	-67.90	42.15																			
6	12.99	-0.00	-0.30	4.02	-9.97	3.42	-7.40	56.69	-70.40	44.64																			
7	12.58	-1.50	-1.90	9.41	-13.20	11.27	-7.40	55.31	-70.40	45.90																			
8	11.84	-6.31	-3.50	10.03	-18.68	14.14	-7.40	54.31	-70.40	46.13																			
9	9.82	-7.90	-3.60	14.60	-22.60	19.71	-7.43	53.53	-70.27	46.88																			
10	5.88	-7.89	-3.80	13.05	-27.18	23.43	-9.93	53.18	-67.94	47.33																			
11	3.00	-7.46	-3.80	14.36	-34.22	26.41	-11.17	52.40	-63.81	48.09																			
12	2.40	-3.89	-3.91	15.63	-35.95	30.50	-13.75	51.73	-61.97	49.49																			
13	0.20	-1.40	-6.21	16.26	-38.28	35.85	-17.59	50.30	-60.23	53.39																			
14	0.	0.00	-7.72	17.14	-39.10	38.07	-20.35	48.78	-58.00	58.60																			
15	0.00	2.51	-9.21	16.28	-38.72	42.88	-22.11	40.02	-53.94	61.49																			
16	0.40	6.42	-10.04	15.88	-37.36	48.77	-24.15	35.46	-50.33	62.40																			
17	0.40	8.20	-12.00	15.53	-35.56	53.16	-26.16	30.28	-48.21	63.71																			
18	0.40	8.52	-15.24	14.16	-33.11	55.83	-28.07	25.97	-46.79	64.98																			
19	0.40	9.70	-17.98	13.25	-29.44	56.79	-30.31	23.07	-45.35	65.84																			
20	-0.00	9.91	-19.16	11.98	-27.16	57.52	-32.52	24.16	-44.03	66.47																			
21	-0.30	10.22	-19.95	11.49	-25.77	57.70	-34.76	23.90	-42.95	66.50																			
22	-1.50	11.22	-20.59	11.02	-24.87	57.35	-37.42	23.95	-42.10	66.50																			
23	-4.41	11.91	-21.54	13.67	-24.00	56.00	-42.26	24.31	-42.10	66.50																			
24	-5.91	12.20	-21.90	13.67	-24.00	54.27	-46.05	24.39	-41.99	66.50																			
25	-7.53	12.20	-21.90	15.66	-24.00	52.60	-47.73	24.30	-41.11	66.41																			
26	-9.93	12.19	-21.89	20.69	-23.99	49.78	-49.12	24.20	-39.21	65.94																			
27	-11.55	11.86	-21.74	23.64	-23.84	44.49	-51.01	23.23	-35.59	65.90																			
28	-13.13	10.50	-21.08	23.90	-23.24	38.56	-52.07	20.89	-28.68	65.26																			
29	-13.80	10.30	-19.82	23.90	-21.97	33.76	-50.93	17.79	-22.77	62.45																			
30	-13.90	10.30	-18.95	23.85	-21.49	27.26	-48.98	16.13	-13.71	60.35																			
31	-13.89	10.33	-18.30	23.51	-19.58	24.13	-45.37	14.81	-9.04	56.24																			
32	-13.55	11.61	-18.30	23.64	-19.33	21.62	-39.61	10.82	-0.10	52.64																			
33	-12.30	12.05	-18.40	23.95	-19.83	16.37	-33.85	3.89	2.21	48.59																			
34	-12.28	13.76	-19.73	24.41	-21.32	15.87	-28.97	1.90	7.33	44.11																			
35	-11.65	15.20	-20.20	25.30	-22.70	15.34	-24.00	0.	9.90	39.92																			
36	-9.88	17.16	-21.36	25.96	-25.18	14.28	-21.70	0.	9.90	34.03																			
37	-9.08	18.03	-22.06	26.30	-25.70	13.72	-19.37	-0.00	9.90	27.18																			
38	-8.20	18.40	-23.46	26.30	-25.62	11.49	-17.86	-0.10	10.34	22.78																			
39	-8.20	18.35	-23.95	26.24	-24.35	4.19	-15.30	-0.10	10.34	13.42																			
40	-8.50	17.58	-24.30	25.69	-18.74	0.30	-7.88	-1.30	12.29	9.34																			
41	-8.51	15.79	-24.30	24.15	-13.04	14.44	-5.32	-3.36	15.35	1.20																			
42	-9.10	13.82	-24.25	22.09	-11.29	-9.50	-2.23	-0.36	22.16	-7.98																			
43	-9.30	11.84	-23.86	19.08	-7.18	-9.47	29.83	-12.76	24.66	-14.21																			
44	-9.31	9.86	-23.40	15.21	-5.80	-7.87	40.39	-20.11	27.63	-21.80																			
45	-9.81	7.89	-21.36	13.44	-5.80	-5.87	48.13	-22.70	34.35	-24.98																			
46	-10.20	7.10	-19.26	11.91	-6.31	-1.40	51.86	-27.07	35.89	-35.01																			
47	-10.19	7.10	-13.81	8.98	-7.92	0.00	57.17	-34.28	36.78	-40.01																			
48	-9.87	7.10	-11.60	7.99	-9.52	1.00	60.07	-37.41	37.76	-45.05																			
49	-8.26	7.10	-8.13	7.38	-10.53	1.90	60.30	-39.95	37.90	-48.150																			
50	-5.28	7.09	-2.99	5.89	-11.91	2.30	60.46	-45.68	37.90	-53.151																			

RECORD=S-282 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZFR0.ARC STATION=OFUNATO-S
 DATE AND TIME=1968-05-18-08-05 SAMPLING INTERVAL= 0.040(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8600

NO.	(3000)	(3050)	(3100)	(3150)	(3200)	(3250)	(3300)	(3350)	(3400)	(3450)
1	-58.75	23.39	-21.94	39.03	9.78	-11.14	25.43	-39.11	55.17	-25.90
2	-61.56	24.28	-25.03	42.62	3.89	-8.97	22.65	-38.14	54.59	-25.86
3	-68.39	26.80	-32.15	43.89	1.20	-7.29	18.92	-37.77	53.75	-25.56
4	-72.12	34.41	-34.56	44.60	-3.91	-6.20	17.99	-37.73	51.74	-25.11
5	-74.29	38.56	-36.59	44.70	-5.91	-5.89	17.85	-37.80	50.18	-23.89
6	-76.72	45.86	-38.72	44.13	-7.92	-5.08	17.12	-37.68	49.44	-23.180
7	-78.50	49.14	-39.80	43.90	-9.11	-1.90	15.81	-36.79	38.71	-23.81
8	-78.31	55.28	-40.48	44.07	-9.92	0.	14.28	-34.44	34.12	-24.90
9	-76.85	59.33	-41.33	44.99	-11.19	0.00	13.82	-30.78	27.26	-31.51
10	-73.77	61.07	-42.09	46.55	-18.37	3.71	11.78	-25.98	23.21	-32.35
11	-72.76	62.74	-43.84	47.69	-22.29	8.42	7.88	-23.00	17.65	-34.25
12	-70.21	63.78	-47.03	49.02	-26.60	9.95	6.20	-18.67	14.12	-35.35
13	-65.47	65.26	-50.07	50.50	-33.02	12.40	5.89	-13.24	12.28	-35.47
14	-62.65	67.13	-55.49	51.51	-35.84	12.49	5.20	-8.96	11.68	-33.38
15	-60.41	69.55	-58.08	51.84	-37.14	12.29	4.99	-1.10	11.07	-26.50
16	-58.72	71.05	-59.99	51.52	-40.41	12.09	4.00	2.40	9.89	-22.57
17	-55.18	71.63	-62.15	50.54	-42.77	11.90	3.70	3.72	9.17	-13.35
18	-51.05	71.93	-65.03	49.48	-43.66	11.90	2.20	9.95	7.75	-9.36
19	-47.55	72.17	-65.86	48.26	-44.40	11.89	1.70	12.43	3.69	-1.90
20	-43.47	71.83	-66.09	45.83	-45.27	11.72	0.10	16.42	1.90	1.70
21	-39.44	70.91	-66.129	43.54	-45.77	12.67	-9.94	20.27	-0.00	5.94
22	-38.47	67.42	-65.93	42.35	-46.75	20.52	-11.95	23.19	-7.53	11.92
23	-38.75	64.38	-65.44	40.91	-47.69	23.80	-20.12	23.97	-10.08	15.94
24	-40.33	62.03	-64.09	39.69	-48.55	25.76	-22.54	24.58	-18.02	23.07
25	-42.17	58.36	-62.72	38.69	-50.34	33.34	-24.12	25.24	-19.78	23.79
26	-43.92	51.78	-61.77	36.74	-51.64	36.59	-27.16	25.81	-21.72	26.88
27	-45.10	45.77	-58.86	34.79	-52.55	40.24	-27.31	25.91	-21.90	32.85
28	-44.43	38.97	-55.53	33.90	-53.55	45.54	-26.04	26.21	-21.90	35.60
29	-42.76	34.54	-53.21	33.21	-54.28	48.45	-24.42	27.48	-22.02	39.32
30	-40.85	29.79	-51.37	33.92	-54.37	49.62	-23.85	28.10	-23.13	45.50
31	-38.89	27.25	-50.18	34.07	-54.05	50.01	-23.48	28.99	-23.46	48.92
32	-36.96	24.95	-48.98	34.33	-52.60	51.10	-23.37	28.45	-23.90	51.01
33	-33.50	21.53	-44.29	34.68	-50.61	52.92	-24.21	28.18	-24.71	54.43
34	-27.37	17.21	-37.99	35.58	-48.45	53.79	-27.28	28.07	-19.50	56.87
35	-23.59	15.79	-33.19	35.83	-45.43	55.13	-32.26	27.98	-32.93	57.73
36	-19.44	13.82	-24.98	35.85	-41.27	56.76	-34.10	30.29	-36.32	58.04
37	-15.04	11.72	-19.21	35.59	-37.19	59.06	-38.52	31.50	-39.95	58.99
38	-9.85	5.88	-13.35	34.99	-35.11	60.16	-45.80	33.63	-44.76	59.08
39	-9.49	3.50	-9.49	34.05	-32.59	61.60	-50.04	35.99	-45.90	58.20
40	0.00	1.90	-3.89	33.45	-27.40	62.31	-55.38	37.89	-45.95	57.90
41	1.50	-1.20	0.	31.89	-25.12	63.08	-59.14	40.91	-43.52	57.69
42	9.70	-3.40	0.00	31.21	-23.64	64.79	-60.14	46.79	-39.24	56.44
43	14.54	-3.60	4.42	30.00	-20.72	61.28	-63.39	47.95	-36.85	54.32
44	17.66	-3.80	9.97	29.34	-17.77	56.43	-64.25	48.71	-32.80	52.35
45	20.00	-3.90	13.55	28.15	-15.88	52.10	-63.95	49.62	-27.49	50.25
46	21.15	-3.90	17.45	27.51	-15.44	48.26	-61.11	50.67	-25.87	45.99
47	21.56	-5.10	22.85	25.23	-14.29	43.56	-58.16	51.64	-25.67	40.62
48	21.20	-5.93	27.63	22.69	-14.00	39.06	-52.01	52.67	-25.49	38.37
49	21.20	-9.92	34.48	16.06	-13.82	34.72	-44.72	53.63	-25.44	35.12
50	21.41	-11.50	36.60	13.55	-11.88	27.56	-39.90	54.80	-25.73	29.51

RECORD=S-282
 DATE AND TIME=1968-05-18-08-05
 COMPONENT=N-S
 SIGNAL=GR.ACC.
 SAMPLING INTERVAL= 0.0101(SEC)
 CORRECTION=ZERO.ARC
 FORMAT NO.=3011
 STATION=OFUNATO-S
 TOTAL NUMBER OF DATA= 8600

NO.	(3500)	(3550)	(3600)	(3650)	(3700)	(3750)	(3800)	(3850)	(3900)	(3950)
1	27.49	-38.75	24.31	28.00	40.13	-34.17	23.86	-19.39	17.09	-22.83
2	25.61	-40.47	25.21	28.00	38.98	-35.24	23.55	-19.50	15.82	-19.56
3	23.50	-42.36	25.97	27.71	36.94	-36.01	23.18	-19.50	13.81	-15.66
4	20.91	-43.26	26.39	26.00	33.33	-36.80	22.92	-19.50	11.56	-13.20
5	17.00	-43.62	26.24	24.24	26.97	-36.19	22.29	-19.37	10.20	-13.15
6	15.23	-42.52	25.81	21.65	22.09	-35.47	22.17	-17.89	10.20	-11.90
7	11.78	-39.66	25.11	14.76	14.19	-33.72	21.81	-17.61	10.23	-11.90
8	7.62	-37.20	23.66	9.78	9.48	-31.48	20.73	-16.25	11.75	-11.90
9	1.90	-33.10	21.31	3.19	3.19	-29.46	18.05	-15.40	13.32	-12.00
10	-0.00	-25.76	15.60	-1.70	0.00	-27.11	17.33	-13.44	13.90	-12.00
11	-3.81	-23.44	11.72	-0.40	0.00	-24.60	16.26	-11.84	13.90	-11.88
12	-7.63	-16.77	5.87	0.00	0.00	-21.08	15.81	-9.95	13.90	-11.88
13	-9.74	-12.96	1.90	0.00	0.00	-13.28	14.15	-8.63	13.90	-11.17
14	-11.52	-9.15	0.40	1.00	0.00	-10.02	12.89	-2.00	11.12	-9.82
15	-12.19	-1.10	-2.30	1.80	1.80	-1.90	9.85	0.00	8.16	-5.88
16	-11.88	3.42	-3.20	2.20	2.20	1.90	7.24	1.90	5.29	-2.00
17	-11.32	10.29	-1.30	5.40	5.07	5.93	2.40	5.82	3.19	-1.90
18	-8.59	14.58	0.00	6.11	0.00	10.56	0.00	9.20	0.20	-1.80
19	-8.00	22.84	2.30	7.72	7.72	13.27	-2.51	9.21	0.00	-0.40
20	-7.89	27.92	5.21	9.02	1.90	15.05	-6.42	9.70	-0.10	0.00
21	-6.99	37.08	6.11	9.91	3.00	16.26	-9.24	9.90	-1.20	1.40
22	-6.30	42.72	6.99	10.23	3.80	19.00	-11.65	9.94	-0.30	1.91
23	-6.61	48.24	6.19	11.41	3.80	19.05	-13.47	11.91	9.25	9.25
24	-7.41	49.66	5.29	11.92	3.80	19.62	-15.10	12.25	-0.00	11.85
25	-7.91	50.01	3.89	12.44	3.30	19.80	-15.10	13.98	-0.10	13.52
26	-8.31	49.99	-0.00	13.61	1.80	19.81	-15.10	16.01	-2.00	13.96
27	-9.21	49.90	-7.83	13.95	-0.00	19.90	-15.15	18.05	-5.91	15.44
28	-10.07	49.48	-10.01	15.14	-2.30	19.90	-16.20	20.28	-7.92	16.20
29	-17.63	48.50	-15.46	16.12	-5.92	20.04	-18.07	23.52	-9.24	17.80
30	-19.67	47.61	-22.56	19.95	-8.23	21.60	-20.44	26.12	-11.37	17.84
31	-21.79	46.65	-27.40	21.68	-10.34	22.60	-22.11	27.53	-13.89	18.65
32	-23.77	45.59	-33.66	22.56	-11.97	23.46	-24.17	28.41	-16.09	21.87
33	-26.02	44.65	-36.10	24.40	-14.16	23.96	-26.34	29.40	-17.71	22.65
34	-28.31	43.66	-39.25	28.21	-15.45	24.58	-27.70	29.38	-18.00	24.14
35	-30.66	42.75	-42.74	30.46	-16.40	26.06	-27.44	29.32	-19.33	26.03
36	-32.58	41.90	-44.76	31.65	-18.08	27.85	-25.94	29.20	-19.72	27.81
37	-34.64	41.83	-46.74	32.20	-19.22	29.10	-24.60	28.22	-19.93	30.64
38	-38.12	41.12	-48.40	32.20	-19.53	28.69	-21.50	27.49	-20.41	34.02
39	-43.40	40.03	-49.52	32.20	-20.04	27.66	-17.65	25.80	-21.69	35.46
40	-44.42	39.40	-50.78	32.13	-21.54	26.33	-14.03	25.03	-23.49	36.32
41	-45.44	38.24	-51.50	31.90	-22.06	25.89	-12.38	23.82	-24.93	37.58
42	-46.23	37.66	-50.62	32.14	-22.06	25.77	-11.90	23.05	-26.13	38.31
43	-46.32	36.75	-48.64	33.28	-23.46	25.54	-11.90	21.90	-32.35	39.30
44	-45.92	35.34	-45.85	34.50	-24.07	25.20	-12.56	21.90	-34.25	39.90
45	-44.12	32.96	-42.19	35.53	-25.38	25.20	-11.92	21.90	-35.43	39.90
46	-41.18	29.78	-38.64	36.32	-26.09	25.09	-14.20	21.90	-35.83	39.90
47	-39.57	27.71	-36.43	37.99	-26.09	24.35	-14.37	21.90	-35.50	39.77
48	-38.58	26.14	-34.22	39.67	-28.53	24.00	-15.91	21.86	-33.72	39.33
49	-37.90	25.60	-31.81	40.40	-31.75	24.00	-16.03	21.34	-30.43	38.74
50	-36.02	24.37	-28.90	40.40	-31.12	23.99	-16.61	19.68	-25.36	38.11

RECORD=S-282
 DATE AND TIME=1968-05-18-08-05
 COMPONENT=N-S
 SIGNAL=GR.ACC.
 SAMPLING INTERVAL= 0.040(SEC)
 CORRECTION=ZERO.ARC
 FORMAT NO.=301
 STATION=OFUNATO-S
 TOTAL NUMBER OF DATA= 8600

NO.	(4000)	(4050)	(4100)	(4150)	(4200)	(4250)	(4300)	(4350)	(4400)	(4450)
1	37.87	-13.80	12.04	-13.96	13.91	0.	-5.10	7.90	8.34	-1.30
2	37.56	-13.90	7.15	-15.32	14.27	0.	-4.20	7.90	11.02	-1.00
3	36.66	-13.90	2.30	-15.80	16.12	0.	-3.80	7.90	11.96	-0.90
4	34.43	-13.90	1.10	-15.54	19.93	0.	-3.90	7.90	13.98	-0.40
5	30.22	-13.78	-0.00	-14.52	20.42	-0.00	-3.90	7.89	16.12	-0.50
6	28.94	-13.30	-0.50	-15.00	21.60	-0.40	-3.90	7.39	20.03	-1.20
7	26.04	-13.30	-0.50	-15.00	21.60	-1.60	-3.00	6.20	21.44	-2.20
8	23.66	-13.25	0.00	-15.02	21.55	-1.90	-2.80	5.89	21.81	-3.10
9	21.73	-11.88	0.30	-15.40	20.99	-3.80	-0.20	3.89	21.90	-4.31
10	19.98	-11.26	1.90	-15.40	19.77	-4.10	0.	1.70	21.89	-7.91
11	17.43	-9.89	4.22	-15.38	18.27	-5.11	0.00	-0.00	21.79	-9.02
12	14.93	-9.57	9.32	-15.10	17.88	-6.00	3.11	-1.90	21.66	-9.94
13	13.53	-8.17	10.28	-15.20	17.60	-6.51	6.43	-5.72	21.27	-11.61
14	11.70	-5.89	13.92	-15.10	17.60	-7.41	9.45	-7.92	20.93	-11.90
15	8.33	-5.08	14.46	-15.10	17.60	-7.93	11.95	-9.61	20.27	-11.91
16	3.99	-1.90	15.80	-15.10	17.57	-9.91	13.77	-10.25	19.99	-12.10
17	2.10	0.00	15.78	-15.10	17.04	-10.38	17.99	-12.85	19.90	-12.11
18	-0.00	5.22	15.34	-15.04	16.09	-13.98	19.42	-13.90	19.84	-12.42
19	-1.91	7.93	14.26	-13.83	15.86	-15.97	22.02	-13.90	19.10	-13.11
20	-7.03	10.14	13.36	-12.28	15.14	-17.20	23.16	-13.90	17.86	-13.29
21	-9.94	11.71	12.36	-11.57	13.91	-17.20	23.64	-14.00	17.21	-13.10
22	-12.16	12.10	11.22	-10.49	11.87	-17.08	23.91	-14.09	15.88	-13.10
23	-17.25	12.09	8.25	-9.89	10.98	-15.23	24.01	-13.92	15.58	-13.10
24	-19.3	11.89	10.47	-9.47	10.20	-13.88	24.09	-14.44	1.33	-13.22
25	-19.95	11.69	3.10	-7.89	10.20	-13.25	23.99	-15.32	15.92	-13.71
26	-20.63	11.41	1.90	-7.08	10.23	-11.74	23.90	-15.71	16.28	-13.98
27	-22.10	11.94	1.20	-5.59	11.51	-6.44	23.79	-15.98	17.62	-15.81
28	-24.05	13.19	0.30	-3.89	11.91	-5.39	22.82	-17.83	17.99	-15.92
29	-26.18	15.90	0.	-2.20	12.30	-3.90	21.26	-1.81	19.26	-16.20
30	-28.94	21.18	0.	-1.90	12.29	-3.50	19.84	-17.90	19.89	-16.18
31	-31.57	22.10	0.	-0.50	11.88	-3.00	19.10	-17.87	19.76	-15.81
32	-32.66	23.86	0.	0.	11.18	-3.00	17.79	-17.40	19.19	-14.25
33	-34.64	24.47	-0.00	0.00	9.75	-3.10	16.14	-15.81	17.88	-13.03
34	-35.90	25.59	-1.20	1.60	7.28	-1.90	15.04	-14.19	17.48	-11.82
35	-35.90	25.51	-3.10	3.00	5.09	-1.90	13.82	-13.88	15.60	-7.85
36	-35.79	25.54	-3.70	5.11	4.00	-1.90	11.84	-13.25	11.84	-3.90
37	-35.16	25.03	-3.70	7.63	4.00	-1.90	9.88	-11.85	9.71	-3.10
38	-34.03	23.79	-3.10	9.94	5.00	-1.90	9.08	-11.56	5.29	-2.30
39	-32.53	22.88	-2.00	11.61	5.00	-2.00	7.87	-10.05	3.89	-2.10
40	-28.64	21.74	-1.70	12.16	5.40	-3.90	5.50	-7.94	2.30	-2.30
41	-25.76	20.30	-1.70	13.97	5.80	-4.11	4.40	-3.89	0.	-2.40
42	-24.18	20.30	-1.80	15.62	5.80	-5.00	3.90	-1.90	-0.00	-2.30
43	-23.17	20.30	-1.90	15.90	5.29	-5.91	4.10	-1.10	-1.10	-2.00
44	-22.15	20.26	-3.91	15.88	3.89	-7.30	5.20	0.00	-1.60	-1.70
45	-21.57	19.77	-7.01	15.47	2.20	-7.30	5.91	0.10	-0.30	-0.30
46	-20.28	18.36	-8.12	14.96	1.90	-7.29	7.01	1.40	-2.20	2.20
47	-18.72	17.89	-9.84	14.09	0.	-6.20	7.80	1.90	-1.90	6.01
48	-15.23	15.67	-11.71	13.89	0.	-6.20	7.90	2.10	-1.80	7.90
49	-13.80	15.79	-12.11	13.70	0.	-5.90	7.90	3.61	-1.60	7.80
50	-13.90	13.83	-12.35	13.71	0.	-5.30	7.90	5.92	-1.50	7.60

RECORD=S-282
DATE AND TIME=1968-05-18-08-05
COMPONENT=N-S
SIGNAL=GP.ACU.
CORRECTION=ZERO.ABC
STATION=OQUINATO-S
TOTAL NUMBER OF DATA= 8600

FORMAT NO.5301
INTERVAL=0.010(SEC)

NO.	(4500)	(4550)	(4600)	(4650)	(4700)	(4750)	(4800)	(4850)	(4900)	(4950)
1	7.30	3.89	-1.60	0.	1.30	-5.60	11.02	-1.60	12.19	-3.90
2	6.99	1.90	0.	0.	2.20	-5.80	11.71	-1.40	11.99	-3.90
3	6.00	-0.00	7.55	0.00	5.31	-5.70	11.90	-1.20	11.74	-3.90
4	5.90	-0.40	11.57	0.20	6.23	-5.70	11.79	0.20	9.90	-5.40
5	5.90	-1.90	13.99	1.50	9.32	-5.70	11.57	0.	10.10	-5.70
6	5.90	-7.92	15.22	1.90	10.25	-5.90	10.49	-0.00	9.90	-5.90
7	6.01	-9.64	20.05	2.10	12.34	-5.90	10.19	-0.10	9.70	-5.90
8	7.11	-11.43	21.93	1.90	13.52	-6.21	9.90	-0.30	9.59	-5.91
9	7.93	-12.52	23.90	1.90	14.06	-7.00	9.70	-1.30	9.30	-7.30
10	10.24	-16.18	23.95	0.50	15.52	-7.30	9.50	-2.20	9.51	-7.70
11	11.93	-17.51	24.47	0.20	15.89	-7.60	9.61	-3.51	9.90	-7.90
12	13.03	-17.71	25.64	-3.91	15.79	-7.90	9.61	-6.00	9.90	-7.92
13	13.80	-17.90	25.94	-6.11	15.55	-7.91	11.01	-5.60	10.00	-9.70
14	13.90	-17.91	26.33	-7.52	14.57	-8.41	11.42	-5.90	10.10	-9.93
15	13.89	-18.11	27.13	-9.32	13.90	-9.21	12.20	-6.11	9.90	-11.07
16	13.58	-18.29	27.27	-10.34	13.77	-9.70	12.23	-7.10	9.90	-9.90
17	13.07	-18.09	27.08	-11.95	12.96	-9.90	13.11	-7.50	9.69	-9.89
18	12.43	-17.92	26.89	-13.76	11.90	-10.00	13.31	-7.70	9.28	-9.47
19	13.32	-18.21	26.26	-15.40	11.90	-10.10	13.60	-7.60	8.20	-7.90
20	13.92	-18.45	25.99	-17.24	11.92	-10.32	13.49	-7.60	7.87	-7.89
21	14.36	-19.12	25.90	-18.81	12.45	-11.00	13.30	-6.10	5.89	-7.30
22	15.62	-19.42	25.90	-18.12	13.92	-11.08	13.40	-5.90	5.09	-7.09
23	16.11	-19.60	25.85	-21.16	14.38	-10.29	13.40	-5.90	3.70	-5.90
24	18.17	-19.58	25.20	-22.03	16.30	-9.88	13.40	-5.80	3.20	-3.90
25	21.72	-19.38	23.89	-23.23	17.91	-8.97	13.31	-5.80	3.20	-3.90
26	21.95	-18.86	23.84	-23.54	18.09	-7.48	13.59	-5.00	2.20	-3.89
27	22.48	-15.79	23.80	-23.78	17.99	-5.49	13.39	-4.50	2.20	-1.90
28	23.01	-13.82	23.55	-23.53	17.77	-4.30	13.14	-4.00	1.90	0.
29	22.26	-11.88	23.20	-22.66	15.99	-3.90	11.57	-3.90	1.90	0.
30	21.73	-11.29	23.21	-19.83	15.80	-3.70	10.38	-3.90	1.80	0.
31	20.17	-10.97	23.28	-16.74	15.78	-3.50	9.33	-3.90	1.40	0.
32	19.90	-9.90	22.99	-14.20	15.39	-3.50	5.88	-3.90	1.30	-0.00
33	18.88	-9.90	21.70	-11.81	15.26	-3.50	3.60	-3.90	1.90	-0.50
34	19.72	-10.10	18.07	-8.95	14.49	-3.60	2.30	-4.00	3.50	-0.40
35	20.00	-10.22	17.43	-6.30	14.19	-3.50	0.00	-4.10	5.10	-1.00
36	21.17	-11.22	14.86	-5.90	13.90	-3.60	-0.50	-3.90	5.30	-1.00
37	21.76	-12.16	12.01	-5.49	13.88	-3.50	-1.90	-3.79	5.90	0.
38	23.36	-13.91	9.14	-4.40	13.25	-3.10	-3.60	-1.90	5.90	0.00
39	20.90	-14.14	5.90	-4.00	11.99	-1.90	-3.00	0.	6.00	0.00
40	19.90	-15.11	5.80	-3.90	11.57	-0.40	-1.90	0.00	6.31	3.91
41	19.68	-15.31	5.40	-3.90	10.39	-0.10	-1.70	1.90	7.30	5.60
42	17.07	-15.47	5.20	-3.80	9.86	0.00	-0.50	5.91	7.30	6.10
43	15.04	-14.95	4.40	-3.70	7.89	1.90	0.	7.82	7.29	6.40
44	13.81	-13.88	4.30	-2.50	6.99	2.30	0.	9.63	6.00	6.40
45	11.73	-13.45	3.90	-2.10	5.89	3.90	0.	11.21	5.59	5.90
46	9.26	-12.09	3.30	-1.90	4.30	5.10	0.	11.61	3.89	5.80
47	7.08	-11.88	1.90	-1.90	3.40	5.91	-0.00	11.90	2.00	5.40
48	5.89	-11.26	1.80	-1.10	1.90	7.92	-1.10	11.91	1.30	5.30
49	4.10	-9.76	1.00	0.	-0.00	9.31	-1.50	12.32	-0.00	5.00
50	3.90	-7.82	0.10	0.00	-0.30	9.92	-1.70	12.97	-3.90	4.10

RECORD=S-282 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=0FINATO-S TOTAL NUMBER OF DATA= 8600
 DATE AND TIME=1988-05-18-08-05 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301

NO.	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)
1	3.90	-4.40	9.71	-6.20	11.52	-0.48	9.23	2.53	9.13	5.04
2	5.30	-1.40	9.74	-7.59	11.51	-0.48	9.32	1.23	9.13	5.03
3	5.81	-1.80	11.22	-7.40	11.51	-0.48	9.35	1.22	9.33	4.73
4	7.30	-2.00	11.76	-8.00	11.51	-0.49	10.73	0.42	9.13	3.03
5	7.89	-4.01	13.51	-8.00	11.54	-3.59	11.22	-0.68	9.13	2.73
6	7.89	-5.51	13.70	-8.20	12.73	-4.19	11.32	-0.68	9.12	1.63
7	7.89	-6.01	13.70	-8.22	13.50	-4.40	11.31	-2.28	9.12	-0.87
8	7.89	-6.01	13.75	-9.81	13.50	-6.19	11.31	-3.89	9.12	-0.88
9	7.88	-6.01	15.12	-10.25	13.50	-6.39	11.31	-4.59	8.92	-2.28
10	7.88	-6.01	15.78	-12.20	13.50	-6.40	11.31	-4.59	9.12	-2.78
11	7.88	-6.02	17.41	-12.21	14.72	-6.40	11.31	-4.59	9.11	-4.78
12	7.88	-6.02	17.77	-12.21	15.10	-6.00	11.30	-4.59	9.15	-4.78
13	7.87	-6.02	19.03	-12.19	15.30	-5.50	11.09	-4.59	11.16	-4.78
14	7.47	-6.02	19.59	-10.57	15.49	-4.40	10.76	-4.19	13.15	-4.29
15	7.37	-6.02	19.68	-10.07	15.49	-3.70	9.30	-2.60	16.26	-4.18
16	7.38	-6.02	19.78	-8.19	15.49	-2.41	9.30	-2.60	17.22	-2.79
17	7.87	-6.03	20.77	-6.22	15.45	-1.91	9.29	-2.40	19.00	-2.79
18	7.87	-6.03	19.68	-6.22	14.72	-0.51	9.29	-1.90	18.98	-2.79
19	7.89	-5.73	19.67	-6.22	13.48	-0.51	9.31	-0.71	18.67	-2.40
20	9.47	-5.13	19.42	-6.24	13.46	-0.52	10.60	-0.71	17.10	-2.50
21	9.89	-5.13	17.62	-7.63	12.92	0.98	10.90	-0.71	17.04	-2.50
22	11.19	-4.04	16.89	-7.63	11.32	1.38	11.28	-0.71	16.02	-2.30
23	11.91	-4.04	15.67	-7.71	9.47	1.38	11.34	-0.71	12.92	-0.91
24	13.66	-4.04	15.63	-6.23	9.46	1.38	13.27	0.28	11.04	-0.91
25	13.91	-4.04	14.96	-6.23	8.75	1.37	13.09	-0.72	11.04	-0.91
26	15.15	-4.05	14.90	-6.23	7.36	1.37	13.26	0.48	8.46	-0.91
27	15.15	-5.25	13.66	-5.92	6.87	1.37	12.82	0.48	7.08	-0.91
28	15.08	-5.65	13.66	-4.24	6.97	1.37	11.26	0.48	6.58	-0.91
29	13.84	-5.64	13.65	-4.24	7.46	1.67	10.96	0.48	6.58	-0.92
30	13.57	-4.05	13.62	-4.24	7.46	3.17	10.44	0.57	6.58	-0.92
31	11.83	-4.05	12.71	-4.25	7.45	3.36	10.44	0.57	6.58	-0.92
32	11.40	-2.06	11.59	-4.25	7.06	3.36	10.57	1.17	6.58	0.28
33	9.80	-2.06	9.60	-4.05	7.05	4.96	10.67	1.17	6.57	0.98
34	7.71	-1.66	7.42	-3.55	6.94	5.26	10.76	2.77	6.57	2.27
35	5.83	-0.26	5.64	-3.55	5.85	5.36	10.72	2.76	6.55	2.97
36	5.83	-0.16	5.03	-2.25	5.55	5.35	10.72	2.76	6.55	2.97
37	5.83	-0.16	3.64	-2.26	5.45	5.35	7.33	2.76	5.07	2.97
38	5.84	-0.17	3.64	-1.86	5.14	5.36	5.25	2.76	5.06	4.17
39	7.25	-0.17	3.53	-0.36	4.94	6.75	5.25	2.86	4.75	4.47
40	7.63	-0.17	3.33	1.44	4.54	7.05	2.85	2.55	4.75	4.67
41	7.62	-0.17	1.63	3.35	3.44	7.04	2.85	2.55	3.06	4.66
42	7.11	-0.17	0.93	8.74	2.54	7.04	1.15	2.95	2.96	4.96
43	5.81	-0.18	-0.27	9.36	1.54	7.04	0.66	3.05	3.05	4.96
44	3.81	-0.18	-0.27	11.04	-0.17	7.14	-0.66	3.15	3.05	6.16
45	1.81	-0.18	-2.16	11.53	-0.47	7.03	-0.66	4.85	3.05	6.95
46	-0.79	0.62	-4.19	11.53	-0.47	6.73	-0.66	5.15	4.35	6.97
47	-0.89	1.72	-7.38	11.52	-0.47	6.73	-0.66	6.45	5.05	8.66
48	-1.19	2.92	-7.38	11.52	-0.47	6.73	0.84	6.94	6.15	8.97
49	-1.39	3.72	-7.48	11.52	-0.48	6.73	2.43	7.16	6.74	10.36
50	-1.39	5.74	-7.37	11.52	-0.48	7.35	2.43	9.13	6.74	10.98
										12.24

RECORD=S=282
DATE AND TIME=1968-05-18-08-05

COMPONENT=N-S
SAMPLING INTERVAL= 0.0101(SEC)

SIGNAL=GR,ACC,
CORRECTION=ZERO,ARC
FORMAT NO.=301

STATION=OFUNATO-S
TOTAL NUMBER OF DATA= 8600

NO.	(5500)	(5550)	(5600)	(5650)	(5700)	(5750)	(5800)	(5850)	(5900)	(5950)
1	12.24	-4.75	12.01	-3.15	12.44	0.56	5.77	4.57	0.17	5.68
2	12.24	-4.66	10.75	-3.15	12.03	0.46	6.26	5.57	0.17	5.98
3	12.23	-4.56	10.75	-2.75	11.24	0.46	6.36	5.57	0.07	6.07
4	12.00	-4.26	10.78	-2.55	10.83	0.36	6.37	5.66	-0.33	6.07
5	10.93	-4.16	12.04	-1.25	10.12	0.35	7.68	5.66	-0.73	6.07
6	10.93	-4.16	12.05	-1.26	8.94	0.45	9.47	5.35	-1.74	6.07
7	10.93	-4.27	12.24	-1.26	8.55	0.75	9.96	4.26	-1.74	6.07
8	10.83	-4.17	12.33	-1.26	9.04	1.75	10.36	3.85	-1.74	5.96
9	10.93	-4.57	12.14	-1.26	8.75	1.95	10.58	2.25	-1.74	5.96
10	10.92	-4.57	12.33	-1.26	9.03	2.04	11.96	1.65	-0.74	5.55
11	10.92	-4.58	12.13	-1.27	8.64	1.94	12.35	0.15	0.15	4.05
12	10.96	-4.88	12.23	-1.27	8.63	2.24	12.34	-1.55	2.15	4.05
13	12.33	-4.88	12.33	-1.27	7.92	2.34	12.34	-1.66	4.16	3.15
14	12.82	-4.68	12.31	-1.27	6.51	2.24	12.13	-1.66	5.45	2.05
15	12.81	-4.58	11.79	-1.27	4.53	2.43	11.61	-1.66	6.15	1.55
16	12.60	-4.18	10.82	-1.28	3.82	2.43	10.63	-1.66	6.16	0.05
17	12.17	-2.99	10.72	-1.28	2.52	2.63	10.54	-1.66	7.55	-0.25
18	10.91	-2.99	10.72	-1.28	0.52	2.53	10.56	-1.66	7.75	-1.85
19	10.76	-2.89	10.71	-1.28	11.63	4.43	11.63	-1.66	8.04	-1.86
20	8.90	-2.49	10.71	-1.28	1.38	4.73	11.63	-1.67	8.14	-1.86
21	8.48	-1.09	10.69	-0.08	-1.18	5.93	11.63	-1.67	8.15	-1.86
22	6.90	-1.10	9.79	2.01	-1.08	6.43	11.62	-0.47	9.35	-1.86
23	6.79	-1.10	8.71	2.81	-1.08	7.52	11.39	0.13	10.13	-1.86
24	5.99	-1.10	8.71	4.01	-0.89	7.52	10.28	0.23	10.13	-1.87
25	4.90	-0.10	8.70	4.01	-0.99	7.50	8.31	0.22	10.13	-1.87
26	4.89	0.40	8.18	4.11	-0.19	6.61	7.58	4.22	10.12	-1.87
27	3.99	2.80	6.70	4.30	1.81	6.41	4.51	4.22	10.01	-1.87
28	2.89	2.80	6.70	4.30	2.21	6.71	4.21	4.22	9.30	-1.87
29	2.89	6.79	6.59	4.30	2.20	6.62	3.51	4.22	8.11	-1.88
30	2.89	6.83	5.79	4.30	2.20	7.51	3.51	4.21	7.50	-1.88
31	2.88	10.49	4.68	4.30	2.20	7.50	3.71	4.21	6.12	-1.88
32	2.68	10.69	2.69	4.59	1.90	7.49	3.71	4.21	6.01	-1.88
33	0.88	10.82	2.69	4.69	1.90	6.70	4.10	4.21	5.71	-1.88
34	0.98	12.39	2.38	4.79	2.29	6.70	4.10	4.21	5.61	-1.89
35	0.88	12.78	0.68	5.19	2.49	6.59	4.10	4.20	5.30	-1.89
36	0.87	12.83	-1.22	6.11	2.49	6.39	3.80	4.20	4.11	-0.89
37	0.87	14.39	-1.22	8.60	2.49	6.39	3.79	4.20	4.10	-0.79
38	0.87	14.77	-1.22	9.80	3.59	6.19	2.79	4.20	4.10	-0.09
39	0.87	14.77	-2.82	10.59	3.98	5.88	2.39	4.20	4.10	-0.09
40	0.87	14.76	-3.13	10.1	3.8	4.6	2.3	4.20	4.10	2.01
41	0.86	14.46	4.73	12.09	3.78	5.48	3.49	4.19	4.01	2.01
42	0.86	14.37	5.13	12.57	3.68	4.78	3.39	3.99	3.79	5.50
43	0.86	14.36	5.13	12.57	3.67	4.68	3.69	3.69	3.49	6.00
44	0.86	14.36	5.13	12.57	3.67	4.38	4.28	3.69	3.59	6.00
45	0.06	14.35	5.13	12.58	2.67	4.38	4.59	3.48	3.59	5.99
46	-1.05	14.00	4.94	12.77	2.87	4.38	5.47	2.18	3.89	6.00
47	-1.05	12.76	-4.84	12.77	2.67	4.37	4.78	2.18	4.09	7.59
48	-2.95	12.75	-4.84	12.76	2.67	4.37	4.78	2.18	4.09	7.59
49	-4.55	12.64	-4.24	12.75	2.46	4.37	4.67	1.98	5.23	7.99
50	-4.75	12.34	-4.24	12.56	1.86	4.67	4.67	1.48	5.58	8.00

RECORD=S-282 COMPONENT=E-H SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=OFUNATO-S
 DATE AND TIME=1968-05-18-08-05 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.#301 TOTAL NUMBER OF DATA= 8900

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	0.50	-1.70	-0.80	0.00	0.80	1.90	-1.00	4.40	0.30	3.0
2	0.50	-1.20	-1.20	0.60	0.50	1.90	-1.20	4.20	0.30	2.80
3	-0.90	-1.10	-1.70	1.10	2.10	1.90	-1.80	3.10	-0.80	1.70
4	-0.70	-1.50	-1.90	1.60	2.10	1.60	-2.30	2.80	-1.70	0.80
5	-0.30	-1.50	-2.40	2.00	2.20	1.60	-2.80	1.50	-2.10	-0.00
6	-1.10	-1.30	-2.40	2.10	1.90	0.70	-3.80	0.30	-2.10	-1.50
7	-2.40	-1.30	-2.00	2.80	0.80	-0.20	-3.90	-0.00	-1.80	-2.50
8	-3.20	-1.70	-1.70	3.20	0.40	-1.60	-3.90	-0.20	-0.70	-3.80
9	-2.50	-2.10	-1.40	3.40	-0.00	-2.60	-3.90	-0.30	0.40	-4.50
10	-0.50	-2.20	-1.40	3.90	0.10	-3.50	-3.90	0.00	1.40	-5.00
11	0.	-2.20	-1.40	3.90	-0.30	-3.50	-3.80	0.60	1.80	-5.50
12	0.	-2.00	-1.70	3.90	-0.60	-3.20	-4.10	1.30	1.80	-5.70
13	0.	-2.00	-2.30	3.60	-0.60	-2.70	-4.40	1.70	1.80	-5.70
14	-0.00	-2.00	-3.80	3.20	-0.60	-2.00	-4.80	1.70	1.40	-5.70
15	-0.30	-2.00	-4.60	1.60	0.	-0.70	-5.30	1.30	1.20	-5.70
16	-0.70	-0.90	-5.10	0.30	1.80	1.80	-5.30	1.00	1.00	-5.70
17	-0.60	0.30	-5.10	0.20	-0.40	2.30	-4.70	1.70	0.80	-5.90
18	-0.20	0.30	-4.70	0.	-0.70	2.80	-3.90	1.70	0.60	-6.30
19	-0.10	0.20	-4.00	0.	-1.10	2.30	-2.50	1.70	0.90	-6.40
20	-0.70	-0.00	-3.70	0.	-1.10	1.10	-2.00	1.40	0.30	-6.40
21	-0.70	-0.10	-3.30	0.	-0.80	-0.00	-1.50	1.10	0.70	-5.80
22	-0.20	-0.50	-3.00	0.00	-0.80	-0.10	-1.30	0.70	1.10	-5.10
23	0.30	-0.50	-2.60	0.00	-0.70	-0.50	-1.30	-0.30	1.40	-4.20
24	0.20	-0.50	-2.20	0.10	-0.60	-0.40	-0.70	-1.60	1.80	-2.50
25	-0.10	0.00	-1.70	0.60	-0.60	0.00	-0.40	-2.60	1.80	-2.80
26	-1.10	0.20	-0.20	0.70	-0.60	0.10	0.	-3.00	1.40	-1.70
27	-1.10	1.00	0.20	0.60	-0.60	0.10	0.	-2.80	1.20	-1.40
28	-0.60	1.80	1.30	0.80	-0.60	-0.00	-0.00	-2.60	1.20	-0.50
29	0.00	2.90	1.70	-0.00	-0.90	-0.30	-0.10	-1.90	1.60	0.20
30	1.40	3.80	1.70	-0.40	-1.20	-0.30	-1.10	-1.20	2.20	1.30
31	1.40	3.70	1.30	-1.70	-1.50	-0.40	-1.50	0.00	3.40	1.30
32	2.00	3.60	0.80	-2.80	-1.50	-0.20	-1.50	0.20	3.90	-0.00
33	2.00	3.20	-0.00	-2.80	-1.50	0.00	-1.50	-0.00	3.20	-0.50
34	1.00	2.00	-1.90	-2.70	-0.50	0.60	-0.70	-0.70	3.20	-1.40
35	1.00	1.40	-3.50	-2.50	0.00	1.20	0.60	-2.70	2.00	-3.00
36	1.00	0.30	-3.50	-1.90	1.70	1.30	3.20	-2.70	1.10	-4.50
37	1.00	-0.00	-3.50	-1.50	1.60	1.30	4.40	-7.42	0.80	-4.50
38	0.90	-0.40	-3.10	-1.50	1.60	0.40	5.60	-9.51	0.80	-4.10
39	-0.00	-0.50	-1.00	-1.50	1.60	-0.60	5.80	-9.90	1.20	-3.70
40	-0.50	-0.40	-1.00	-1.50	1.20	-2.30	5.80	-9.80	1.60	-2.20
41	-1.70	0.	1.50	-1.90	0.30	-3.50	5.79	-9.79	2.00	-0.80
42	-2.20	0.00	1.60	-2.70	0.30	-4.00	5.09	-9.26	2.40	-0.60
43	-1.70	0.40	1.00	-3.00	0.	-4.30	3.50	-7.29	2.60	-0.60
44	-0.50	1.20	0.30	-3.20	0.00	-4.30	2.60	-6.50	2.80	-0.70
45	0.	1.20	0.20	-3.20	0.80	-3.90	2.20	-6.00	2.80	-1.00
46	-0.00	1.20	0.20	-3.20	0.80	-3.30	2.80	-5.30	3.00	-1.20
47	-1.00	1.20	0.70	-3.20	1.40	-2.20	3.60	-3.50	3.00	-1.90
48	-1.80	1.20	0.70	-2.80	1.90	-1.70	4.60	-2.70	3.00	-2.70
49	-2.70	0.50	0.70	-2.80	1.90	-1.40	4.60	-1.50	3.20	-3.40
50	-2.20	-0.00	0.40	-1.90	1.90	-1.20	4.60	0.00	3.20	-3.40

RECONID=5-232 COMPONENT=E-W SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=OFUNATO-S
 DATE AND TIME=1968-05-18-08-05 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=591 TOTAL NUMBER OF DATA= 8900

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	-3.00	-2.30	-1.90	-3.20	3.00	5.00	5.61	-2.80	-0.00	2.80
2	-2.30	-1.90	-2.70	-3.70	1.30	4.60	6.51	-3.20	-0.10	0.80
3	-1.20	-1.00	-2.90	-4.30	0.80	3.60	7.61	-3.50	-0.20	0.20
4	0.10	0.00	-1.90	-4.30	0.30	-3.60	8.11	-4.00	0.10	0.10
5	1.80	0.30	-0.50	-3.50	1.00	-3.90	8.51	-4.40	0.60	-1.00
6	2.10	0.30	0.50	-3.00	1.60	-4.10	9.00	-5.10	3.30	-1.40
7	2.60	0.80	1.50	-2.40	2.00	-4.40	9.10	-5.49	3.90	-1.70
8	3.80	0.80	1.60	-1.70	2.20	-4.70	9.19	-4.80	4.80	-1.90
9	4.10	0.50	1.50	-1.40	2.60	-4.90	8.59	-4.00	5.10	-1.80
10	4.40	-0.40	1.00	-1.90	2.70	-4.60	8.19	-3.90	4.70	-1.80
11	4.40	-0.70	1.00	-2.10	3.00	-4.30	7.79	-4.00	4.30	-1.80
12	4.40	-3.10	1.00	-2.60	3.20	-3.80	8.99	-4.30	4.10	-1.30
13	4.40	-4.30	0.70	-3.00	3.40	-3.20	8.89	-5.21	3.60	-1.30
14	4.40	-5.31	0.70	-3.30	3.60	-2.80	5.89	-6.11	3.60	-0.70
15	4.40	-6.40	0.70	-3.50	3.90	-2.50	5.00	-6.11	4.20	-0.30
16	4.40	-6.70	0.70	-3.80	4.00	-2.10	3.90	-7.30	4.70	-0.60
17	4.40	-6.70	1.70	-4.00	4.10	-2.40	3.20	-7.59	4.70	-0.80
18	4.60	-6.71	2.10	-4.30	4.30	-2.20	2.30	-6.69	3.40	-1.40
19	4.81	-7.53	3.00	-4.60	4.50	-1.90	1.90	-5.19	2.60	-2.60
20	5.90	-9.93	3.90	-5.00	5.61	-1.70	2.10	-4.10	1.80	-3.10
21	6.10	-11.40	4.81	-5.10	7.21	-1.50	1.60	-3.10	1.40	-3.40
22	6.50	-11.30	6.31	-5.30	8.41	-1.50	1.40	-1.80	1.40	-4.00
23	6.50	-11.18	7.11	-4.70	9.31	-1.60	2.50	-0.10	2.10	-4.20
24	6.30	-10.35	7.91	-4.40	9.79	-1.80	2.80	0.20	2.40	-3.70
25	5.99	-8.25	8.61	-4.00	9.29	-2.10	3.20	2.50	2.80	-3.00
26	5.20	-4.80	9.30	-3.70	8.59	-2.20	3.70	3.10	3.00	-2.20
27	4.40	-4.30	9.40	-3.10	7.78	-4.10	3.70	3.20	3.00	-1.50
28	3.20	-4.00	9.49	-3.50	6.19	-4.80	3.10	2.80	2.20	0.00
29	1.00	-3.90	8.98	-4.10	5.40	-5.61	1.80	2.30	1.70	0.40
30	-0.00	-3.90	7.85	-4.10	4.70	-6.60	1.80	1.90	0.60	0.10
31	-0.10	-4.20	4.00	-5.00	4.20	-7.09	0.40	1.50	-0.10	0.20
32	-1.00	-4.30	3.00	-5.19	4.05	-6.40	-0.00	0.90	-1.20	0.
33	-1.30	-4.30	1.40	-4.00	3.90	-6.00	-0.40	0.10	-3.10	0.
34	-1.70	-4.30	1.10	-3.80	3.75	-5.70	0.00	-0.20	-3.90	0.
35	-1.70	-3.80	1.10	-3.70	3.60	-5.30	0.50	-1.30	-5.10	0.
36	-1.30	-3.80	1.10	-3.90	3.30	-4.70	3.00	-2.00	-4.30	0.00
37	-0.70	-3.80	1.10	-4.30	3.20	-4.70	3.90	-1.50	-3.70	9.30
38	-0.20	-3.80	1.10	-4.10	3.20	-4.40	3.90	-2.80	-2.80	0.60
39	0.	-3.40	1.10	-4.10	3.10	-4.10	4.70	-0.90	-0.20	1.00
40	0.	-2.60	0.70	-3.40	3.10	-3.80	5.30	0.00	2.60	1.50
41	0.	-2.00	-0.00	-2.80	3.00	-3.70	5.80	0.00	3.40	1.90
42	-1.20	-1.50	-1.80	-1.90	2.60	-3.70	5.90	0.20	3.40	1.60
43	-1.00	-0.50	-2.60	0.00	1.80	-3.50	5.60	0.40	4.00	1.60
44	-1.50	0.00	-2.80	2.10	1.80	-2.85	5.00	0.60	4.40	1.00
45	-1.70	0.50	-2.50	4.11	-0.50	-2.20	4.40	1.20	4.70	-0.00
46	-2.00	0.65	-2.50	5.50	-1.70	0.00	3.69	1.70	4.40	-1.00
47	-2.40	0.80	-2.10	5.80	-1.70	0.00	0.90	2.10	3.90	-1.70
48	-2.60	-0.10	-2.10	5.90	-3.05	1.70	-0.00	1.80	3.60	-1.75
49	-2.90	-0.60	-2.20	5.60	-5.00	4.00	-0.70	1.40	3.20	-1.80
50	-2.90	-1.30	-2.70	4.99	-5.30	4.60	-2.30	1.00	2.90	-1.50
								0.60	2.40	-1.10

RECORD=S-282 COMPONENT=E-W SIGNAL=GR.ACC. STATION=OFUNATO-S
 DATE AND TIME=1968-05-18-08-05 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8000

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-0.70	-1.00	4.40	-3.20	6.30	-2.80	7.40	-4.11	3.10	-3.80
2	0.00	0.40	4.40	-5.11	6.60	-3.00	7.00	-6.81	3.50	-3.20
3	0.20	1.10	4.60	-7.41	6.81	-3.30	6.68	-7.51	4.81	-2.60
4	0.00	0.85	4.80	-8.10	7.41	-3.50	4.20	-7.99	6.71	-1.90
5	0.30	0.60	4.50	-8.30	8.33	-4.00	4.00	-7.29	8.01	-0.70
6	0.60	0.20	4.80	-8.20	10.09	-4.20	3.90	-6.59	9.00	1.40
7	1.70	-0.00	5.30	-8.00	11.79	-4.00	3.70	-5.69	9.00	1.40
8	4.51	-0.20	5.30	-7.90	11.59	-3.80	3.90	-4.69	8.99	1.40
9	5.71	-0.70	5.30	-7.90	11.37	-3.80	3.70	-3.00	8.39	1.40
10	6.56	-1.40	5.60	-8.00	10.28	-3.90	3.90	-3.00	7.87	-0.00
11	7.41	-1.60	5.80	-8.30	9.38	-4.40	4.10	-3.60	5.40	-0.30
12	6.99	-2.50	6.20	-8.61	8.17	-5.00	4.20	-3.70	4.80	-2.10
13	6.18	-3.10	6.40	-9.01	6.17	-5.30	4.60	-4.00	4.80	-3.10
14	3.94	-4.50	6.90	-9.30	3.10	-5.00	4.70	-4.50	4.60	-3.10
15	2.50	-5.00	7.30	-9.49	3.30	-4.80	5.00	-5.00	4.50	-3.10
16	1.40	-5.50	7.00	-9.08	3.60	-4.40	4.60	-5.00	4.10	-3.10
17	0.50	-5.50	6.89	-7.88	3.80	-4.00	4.40	-4.60	3.20	-3.50
18	0.10	-5.10	6.40	-6.40	4.20	-3.60	4.30	-3.70	1.40	-2.90
19	0.	-4.60	5.90	-5.90	4.40	-3.10	4.20	-2.70	-0.00	-3.00
20	-0.00	-4.20	6.00	-5.40	5.00	-1.90	4.20	-2.70	-0.90	-2.70
21	-0.20	-3.70	5.90	-5.30	5.10	-0.90	4.00	0.00	-2.20	-1.90
22	-0.30	-3.10	5.70	-5.10	5.40	0.80	4.00	1.70	-2.20	-1.20
23	-0.60	-2.70	5.60	-5.00	5.00	0.80	3.80	2.70	-1.80	-0.80
24	-1.10	-1.90	5.30	-4.80	4.70	1.30	3.80	2.60	-1.80	0.70
25	-1.40	-1.50	5.00	-4.70	4.50	1.90	3.40	2.60	-1.50	2.30
26	-0.80	-1.30	4.60	-4.60	4.10	2.50	3.00	2.60	-1.60	3.80
27	0.60	-1.60	4.40	-4.40	3.70	2.70	2.20	2.70	-2.20	4.81
28	1.10	-2.20	3.90	-4.20	3.20	3.20	0.60	2.70	-5.51	5.91
29	2.40	-2.70	2.80	-4.00	1.80	3.60	-1.80	3.10	-6.00	6.71
30	1.90	-3.00	2.00	-3.59	-0.00	3.80	-2.60	3.80	-6.61	7.41
31	1.90	-3.40	1.80	-1.30	-1.60	3.40	-4.20	4.40	-8.11	8.20
32	1.60	-3.30	2.20	0.00	-3.50	2.70	-4.60	5.41	-8.70	8.51
33	1.20	-2.80	2.90	1.80	-3.90	2.30	-4.70	6.82	-8.90	9.01
34	1.00	-2.70	3.30	2.60	-4.10	2.80	-4.80	8.52	-8.80	9.61
35	0.60	-2.30	2.90	4.10	-4.20	2.50	-4.80	9.51	-8.90	10.12
36	0.30	-2.00	2.50	4.60	-4.00	2.80	-4.80	10.20	-8.92	10.83
37	0.00	-2.20	2.20	4.80	-3.90	3.20	-5.10	10.19	-9.79	11.83
38	0.20	-2.80	1.80	5.50	-4.10	3.90	-5.40	9.57	-9.08	12.70
39	0.50	-3.20	1.50	5.20	-4.30	4.20	-5.80	8.19	-7.89	12.00
40	0.30	-3.50	1.80	5.00	-4.30	4.50	-6.20	7.19	-7.09	12.69
41	0.	-3.70	1.80	5.00	-4.50	4.30	-6.50	5.89	-5.99	12.39
42	-0.00	-3.40	2.10	5.10	-4.70	4.10	-6.90	5.20	-5.10	12.08
43	-0.20	-3.00	2.40	5.20	-5.20	4.30	-7.10	4.50	-4.20	11.27
44	-1.70	-2.50	2.80	5.40	-5.60	5.00	-6.70	3.90	-3.90	10.18.
45	-2.50	-2.10	3.20	5.50	-4.90	5.91	-6.18	3.90	-3.90	9.18
46	-3.10	-0.60	3.50	5.60	-4.30	6.91	-3.90	3.90	-4.20	8.99
47	-3.50	0.50	3.60	5.80	-3.90	7.91	-3.20	3.70	-4.30	7.28.
48	-3.80	1.70	3.00	5.90	-3.50	8.30	-3.00	3.50	-4.60	5.89
49	-3.50	3.90	1.40	6.00	-3.00	8.00	-3.40	3.30	-4.70	4.00
50	-2.10	4.30	-0.50	6.10	-2.30	7.79	-3.80	3.20	-4.30	2.60

RECORD=S-282 DATE AND TIME=1968-05-18-08-05	COMPONENT=E-W	SIGNAL=BR.ACC. CORRECTION=ZERO.ARC FORMAT NO.=301	STATION=OFUNATO-S							
	SAMPLING INTERVAL= 0.010(SEC)		TOTAL NUMBER OF DATA= 8900							
NO.	(1500)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)			
1	1.10	-7.09	5.70	-3.49	2.50	4.30	0.	9.61	-6.40	8.33
2	-0.00	-6.38	-0.00	-1.50	-0.00	5.30	-0.00	-0.00	-6.40	10.02
3	-0.50	-4.30	5.70	0.20	-1.70	6.00	-1.00	10.50	-6.40	11.13
4	-1.50	-3.20	5.90	2.00	-4.21	6.81	-2.40	10.50	-6.81	12.36
5	-2.70	-2.30	5.90	3.71	-6.41	7.51	-3.91	10.52	-7.91	14.02
6	-3.40	-0.70	5.69	5.70	-8.00	8.22	-6.41	11.40	-8.81	14.40
7	-4.20	0.10	3.89	6.00	-8.30	9.80	-8.11	11.43	-9.52	14.70
8	-4.20	3.21	0.60	6.41	-8.30	9.90	-9.02	12.31	-10.33	14.68
9	-4.30	5.81	-2.10	7.00	-8.30	9.89	-9.92	12.60	-11.51	14.19
10	-4.20	6.81	-5.81	7.00	-8.30	9.59	-10.81	12.62	-11.90	13.90
11	-3.80	8.32	-7.81	7.19	-8.61	9.27	-11.31	13.20	-11.90	13.94
12	-2.80	9.82	-8.82	6.70	-9.00	7.69	-11.71	13.20	-11.90	14.65
13	-2.20	10.81	-10.13	6.80	-9.21	6.60	-12.02	13.20	-11.90	15.90
14	-1.70	11.11	-11.30	6.70	-9.61	7.00	-12.63	13.20	-11.89	15.87
15	-1.10	11.30	-11.29	6.80	-9.91	7.22	-13.60	13.20	-11.69	15.32
16	-0.60	11.30	-11.10	6.81	-10.31	9.03	-13.70	13.20	-11.50	14.70
17	-0.60	11.29	-11.11	7.61	-10.61	10.55	-13.68	13.21	-11.40	12.62
18	-0.60	10.98	-11.50	8.20	-11.01	12.81	-13.07	13.54	-11.38	10.85
19	-1.00	10.19	-11.51	8.41	-11.41	13.24	-12.15	14.55	-10.79	8.38
20	-1.20	9.69	-11.80	9.12	-11.60	14.24	-10.67	15.62	-10.29	7.40
21	-1.30	9.09	-11.79	10.13	-11.60	15.11	-9.60	15.90	-9.79	7.00
22	-1.30	8.39	-11.40	11.43	-11.61	15.30	-9.49	15.88	-9.48	7.00
23	-1.60	7.99	-11.29	12.58	-11.90	15.30	-8.78	15.40	-8.18	7.40
24	-1.90	6.99	-10.99	13.06	-12.01	15.18	-7.67	13.44	-6.69	7.40
25	-2.40	5.99	-10.70	13.25	-12.30	14.72	-5.69	11.85	-5.50	7.39
26	-3.10	4.40	-10.70	17.14	-12.30	12.95	-4.20	10.14	-5.30	6.59
27	-3.90	3.40	-10.70	17.80	-12.39	11.57	-4.00	7.57	-5.10	5.29
28	-4.30	3.00	-10.70	17.77	-11.98	10.49	-4.20	5.49	-4.50	3.60
29	-4.30	2.50	-10.70	17.30	-11.17	10.10	-4.51	4.60	-3.80	1.90
30	-4.30	2.50	-10.70	15.84	-9.96	10.09	-7.31	3.79	-2.80	0.40
31	-4.10	5.11	-10.70	14.64	-9.68	9.50	-8.33	1.90	-2.00	-0.60
32	-4.10	7.22	-10.70	13.33	-8.69	9.50	-10.33	0.90	-0.60	-2.00
33	-4.00	9.01	-10.70	11.58	-7.88	9.49	-11.60	0.90	0.00	-3.40
34	-3.90	9.61	-10.49	10.81	-6.40	9.19	-11.59	0.90	2.80	-4.40
35	-5.32	10.40	-10.08	11.11	-6.71	8.09	-11.26	0.90	4.00	-5.50
36	-7.92	10.60	-9.28	11.41	-6.71	8.09	-9.76	0.90	4.80	-5.60
37	-9.23	10.59	-8.10	11.81	-7.30	7.68	-7.87	0.80	5.50	-5.60
38	-10.83	10.20	-7.89	12.00	-7.70	6.29	-5.28	0.90	5.10	-5.60
39	-12.02	10.19	-7.50	11.99	-7.92	5.39	-2.50	0.20	6.71	-5.60
40	-12.72	9.88	-7.50	11.57	-9.74	3.80	0.10	7.42	8.95	-6.41
41	-13.20	8.99	-7.50	10.38	-11.51	2.30	0.20	1.20	8.95	-6.41
42	-13.20	8.39	-7.50	9.38	-11.90	1.30	3.30	-1.70	11.94	-7.50
43	-13.19	7.90	-7.80	8.29	-11.80	3.40	3.40	-2.10	13.20	-7.50
44	-12.78	7.60	-7.80	7.79	-11.83	-1.00	2.30	-4.60	13.16	-7.49
45	-12.08	7.30	-7.48	7.40	-9.64	2.00	2.00	-5.00	12.05	-6.70
46	-11.38	7.20	-6.48	7.40	-6.48	-2.30	2.00	-9.90	10.48	-6.60
47	-10.48	7.00	-5.50	7.40	-3.80	-2.10	2.10	-6.40	9.68	-6.60
48	-9.68	6.70	-5.00	7.40	-1.50	-1.60	6.21	-6.40	8.88	-6.60
49	-8.49	6.30	-5.00	7.38	1.30	-0.80	8.41	-6.40	7.80	-7.00
50	-7.79	6.00	-4.99	5.38	2.90	0.	8.12	-6.40	7.81	-7.00

RECORD=S-282 COMPONENT=E-W SIGNAL=GR,ACC. CORRECTION=ZPRO,ARC STATION=OFUNATO-S
 DATE AND TIME=1968-05-18-08-05 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8900

NO.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	-7.30	10.50	-10.01	9.01	-3.10	4.69	3.60	-3.20	6.31	6.60
2	-7.50	10.70	-10.40	9.71	-3.50	3.40	5.21	-3.60	7.91	6.10
3	-7.20	10.71	-10.59	10.29	-3.50	2.20	7.61	-3.90	8.42	5.48
4	-7.10	10.98	-10.10	9.77	-3.60	1.30	8.52	-3.90	9.70	0.50
5	-6.80	10.39	-9.89	8.19	-3.70	-0.20	9.51	-4.10	9.89	-2.30
6	-6.60	9.90	-9.58	7.59	-3.90	-1.90	10.00	-4.20	9.87	-3.40
7	-6.50	10.00	-8.49	6.99	-3.90	-2.80	9.89	-4.00	7.99	-3.70
8	-6.50	9.80	-7.87	6.51	-3.90	-3.70	9.59	-3.80	6.59	-4.10
9	-6.80	9.90	-5.39	7.21	-3.50	-4.10	9.20	-3.60	5.00	-4.50
10	-7.10	9.69	-4.50	7.81	-2.60	-4.60	8.99	-3.40	4.10	-5.30
11	-7.10	9.39	-4.70	8.21	-0.30	-5.00	8.62	-3.60	3.60	-5.71
12	-7.00	9.07	-4.80	8.99	1.70	-4.29	9.92	-3.90	2.60	-6.62
13	-7.00	7.39	-5.30	8.60	3.00	-3.00	10.73	-4.11	2.10	-9.13
14	-6.90	6.30	-5.70	8.29	3.30	-1.80	11.81	-5.50	1.80	-11.01
15	-7.20	5.90	-5.90	7.47	3.40	-0.50	12.09	-5.30	2.30	-11.57
16	-7.50	5.80	-5.90	4.99	3.70	-0.30	11.89	-4.70	2.50	-13.79
17	-7.80	5.60	-5.40	2.70	3.90	-1.00	11.59	-4.30	3.20	-13.46
18	-8.00	5.60	-4.89	1.80	4.00	-2.70	11.33	-3.80	3.60	-12.34
19	-8.00	5.30	-2.70	1.20	3.90	-5.81	8.76	-2.70	3.60	-10.55
20	-8.00	5.30	-2.70	1.20	3.90	-7.73	6.28	-2.20	3.40	-8.45
21	-8.00	5.20	-1.90	1.20	3.90	-9.73	4.30	-1.80	3.20	-5.50
22	-7.99	4.70	0.00	4.70	4.00	-11.42	4.00	-1.70	2.50	-4.80
23	-7.58	4.30	1.70	1.80	4.30	-12.01	3.90	-1.30	3.20	-4.50
24	-6.19	4.00	3.60	3.00	5.00	-12.39	3.50	0.00	3.90	4.50
25	-5.39	3.70	5.11	3.90	5.90	-12.09	3.20	0.10	4.20	-5.10
26	-4.40	3.40	6.51	4.20	6.41	-11.76	3.90	0.10	4.90	-5.10
27	-3.90	3.00	7.91	3.90	7.61	-10.36	4.50	2.00	3.50	-5.30
28	-3.20	2.20	8.71	2.80	8.21	-8.69	5.51	3.80	3.20	-5.80
29	-2.30	1.10	9.18	1.90	9.11	-7.89	6.61	4.25	2.60	-6.10
30	-2.20	-0.70	8.29	-1.80	9.70	-7.10	8.01	4.70	2.40	-6.70
31	-1.80	-1.30	7.68	-5.51	9.90	-7.40	8.70	5.20	2.10	-6.69
32	0.40	-1.60	5.99	-7.30	10.10	-7.50	9.01	4.60	2.00	-6.08
33	1.90	-2.50	4.30	-7.70	10.20	-7.80	9.29	4.00	3.61	-3.50
34	3.31	-3.10	3.90	-8.00	10.10	-7.88	8.59	3.60	5.81	-1.90
35	5.92	-3.10	3.80	-8.20	9.90	-6.70	7.97	1.90	7.62	-1.50
36	8.02	-2.70	5.20	-7.90	9.90	-6.20	6.09	-0.30	9.21	-1.50
37	9.33	-2.60	6.01	-7.70	10.01	-5.80	5.19	-2.71	9.81	-1.90
38	10.80	-2.50	7.50	-7.50	10.30	-5.20	3.80	-6.51	10.32	-2.60
39	10.99	-2.60	7.91	-7.30	10.50	-4.60	2.20	-7.20	10.99	-3.60
40	10.79	-3.00	8.30	-7.20	10.20	-5.20	1.00	-7.21	10.50	-3.70
41	10.48	-3.30	8.49	-7.10	9.90	-5.80	-0.00	-7.89	10.29	-3.40
42	9.78	-3.90	7.99	-6.80	9.69	-6.30	-0.30	-7.39	9.89	-3.10
43	8.60	-4.40	7.29	-7.10	9.18	-6.30	-0.70	-6.59	9.48	-2.80
44	8.50	-5.00	6.40	-7.10	7.99	-5.90	-1.30	-5.70	8.40	-3.30
45	8.40	-5.30	5.89	-6.80	7.59	-5.79	-1.50	-5.39	8.10	-3.20
46	8.10	-6.00	5.20	-6.50	7.00	-5.10	-1.70	-5.60	7.79	-3.30
47	8.40	-6.41	4.60	-6.09	6.60	-4.40	-1.90	-5.40	7.40	-3.40
48	8.71	-7.21	5.41	-5.09	6.20	-3.89	-2.00	0.00	7.20	-3.50
49	9.21	-8.02	7.00	-3.80	5.80	0.00	-2.30	3.90	6.80	-3.40
50	10.01	-9.51	7.32	-3.00	5.40	2.70	-2.60	5.41	6.80	-3.30

RECORDS=282
 DATE ANU TIME=1968-05-18-04-05 COMPONENT=E-N SIGNAL=BR.ACC. CORRECTION=ZERO.ARC STATION=OFUNATO-S
 SAMPLE INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8900

NO.	(250u)	(255u)	(260u)	(265u)	(270u)	(275u)	(280u)	(285u)	(290u)	(295u)
1	-2.450	-2.320	-11.66	6.61	-13.83	24.44	-17.79	31.33	-9.57	11.90
2	-2.200	0.20	-10.38	7.71	-12.18	24.66	-16.17	30.05	-7.82	11.93
3	-0.70	2.60	-9.38	8.72	-11.40	24.35	-13.81	28.53	-2.00	13.01
4	1.60	5.52	-8.37	9.72	-7.82	23.95	-11.39	25.76	-2.00	13.41
5	2.61	8.82	-6.58	10.63	-1.50	23.46	-0.70	22.07	-2.40	13.71
6	9.81	9.81	-4.30	12.54	1.00	22.18	3.11	18.13	-5.92	13.98
7	9.24	10.30	-3.40	12.54	3.21	20.09	9.15	14.44	-8.34	16.23
8	11.42	10.28	-3.70	13.87	6.43	17.81	11.94	10.80	-11.41	22.03
9	12.01	10.00	-3.91	15.45	10.43	16.44	13.20	3.09	-18.97	24.24
10	12.44	9.79	-5.50	16.99	11.61	13.61	13.27	-1.50	-22.70	26.47
11	13.62	9.15	-6.10	16.17	11.91	6.58	12.57	-7.45	-26.98	30.54
12	14.21	8.20	-6.70	15.45	12.10	3.89	11.57	-11.86	-28.80	34.25
13	14.42	7.88	-7.20	12.42	12.19	0.30	3.79	-17.28	-29.82	35.43
14	14.80	6.28	-7.30	7.29	11.88	-5.52	-0.00	-21.65	-27.76	35.72
15	14.68	4.40	-7.09	5.99	11.30	-7.93	-6.01	-23.99	-25.28	35.08
16	14.30	3.20	-6.60	5.19	7.85	-9.19	-7.60	-24.74	-22.99	33.42
17	14.29	1.50	-6.10	4.30	3.89	-12.12	-7.91	-25.74	-15.78	31.48
18	14.07	-0.20	-5.40	3.90	-0.00	-16.05	-8.59	-25.94	-13.63	29.53
19	13.37	-1.30	-5.90	4.60	-4.51	-18.81	-8.19	-25.46	-11.66	27.58
20	12.35	-8.05	-6.00	5.50	-7.01	-20.33	-7.36	-24.50	-3.69	25.62
21	7.87	-11.91	-6.31	7.87	-8.11	-21.72	-4.10	-23.53	0.00	23.66
22	5.83	-13.55	-7.00	5.59	-9.11	-21.91	-3.00	-21.35	1.40	21.86
23	3.59	-13.86	-7.30	4.50	-9.91	-21.98	-3.20	-19.82	10.01	21.34
24	1.70	-13.22	-7.70	4.00	-10.64	-21.76	-3.80	-17.65	15.45	19.71
25	0.30	-13.71	-7.50	3.10	-12.13	-21.39	-4.51	-13.74	22.08	17.36
26	-1.20	-13.86	-7.09	2.60	-13.13	-21.32	-5.71	-9.85	23.64	13.80
27	-2.70	-13.05	-6.08	2.10	-13.92	-21.54	-7.10	-2.99	23.86	11.23
28	-3.30	-14.00	-3.09	1.40	-14.38	-21.91	-7.38	1.90	23.40	5.28
29	-2.40	-11.56	0.00	0.60	-13.81	-22.04	-5.86	3.91	21.70	1.80
30	-1.20	-10.04	2.20	-0.00	-11.74	-22.35	-0.70	5.92	19.68	-0.00
31	-0.10	-7.14	4.82	-0.40	-9.54	-21.13	3.61	8.11	17.12	-5.93
32	0.50	-1.70	7.93	-2.00	-6.48	-15.82	7.95	8.51	15.64	-9.94
33	1.60	0.80	10.12	-5.11	-3.89	-11.95	11.63	9.41	10.82	-12.09
34	2.40	3.91	11.11	-7.73	-1.95	-10.38	12.55	9.80	3.79	-18.16
35	2.70	5.90	11.61	-9.96	0.00	-9.48	13.97	9.89	-0.00	-21.82
36	3.20	5.59	12.11	-12.73	2.21	-8.51	15.62	9.48	-3.70	-24.54
37	3.70	3.69	12.29	-19.51	9.05	-9.11	15.92	8.34	-5.19	-29.96
38	4.00	1.00	11.89	-23.27	11.97	-9.92	16.32	4.39	-3.90	-32.23
39	4.50	-1.40	11.59	-25.74	14.36	-11.04	16.65	1.90	-3.90	-33.84
40	5.00	-7.23	11.17	-28.61	18.07	-12.62	17.64	-1.40	-3.20	-35.23
41	4.60	-10.04	9.84	-29.65	20.53	-13.17	21.28	-7.35	-1.90	-35.22
42	4.39	-12.10	6.78	-29.81	21.79	-12.38	24.15	-11.43	-1.50	-34.72
43	3.00	-15.15	5.09	-29.84	21.70	-11.69	26.30	-12.78	0.	-33.42
44	3.80	-19.22	4.10	-29.01	21.66	-11.61	29.05	-17.90	0.00	-31.77
45	-0.41	-19.48	3.50	-28.46	21.28	-11.81	31.37	-19.86	1.90	-31.01
46	-3.10	-16.15	2.60	-27.59	21.12	-12.34	32.65	-20.06	3.91	-29.90
47	-4.70	-15.24	2.60	-26.24	21.40	-13.56	33.52	-19.35	7.73	-29.90
48	-5.60	-14.04	3.80	-24.44	22.46	-15.10	33.53	-16.32	9.90	-29.90
49	-5.69	-12.60	4.11	-22.20	23.66	-17.16	33.07	-13.81	9.93	-29.81
50	-4.69	-12.28	5.91	-17.72	23.96	-17.99	32.15	-10.96	11.51	-29.13

RE ORD-S-282
 DATE AND TIME=1968-05-18-08-05
 COMPONENT=E-W
 SIGNAL=GR.A
 SAMPLING INTERVAL= 0.0101(SEC)
 ORRE TION=ZFR0.AR
 FORMAT NO.=301
 STATION=OFUNATO-S
 TOTAL NUMBER OF DATA= 8900

NO.	(3000)	(3050)	(3100)	(3150)	(3200)	(3250)	(3300)	(3350)	(3400)	(3450)
1	-27.90	29.92	-27.90	13.48	-7.74	6.03	-33.44	7.60	-9.86	13.97
2	-27.90	29.98	-27.93	15.45	-11.22	9.53	-33.85	8.05	-7.87	16.06
3	-27.90	29.88	-28.25	16.36	-11.86	11.22	-33.27	11.95	-5.89	24.15
4	-28.24	29.47	-29.16	17.33	-14.14	11.97	-31.71	13.75	-4.99	26.19
5	-30.21	27.98	-30.71	17.81	-19.73	14.27	-30.39	17.75	-3.60	28.15
6	-31.85	27.51	-31.85	17.90	-21.65	15.98	-27.45	24.41	-3.90	29.72
7	-33.56	25.08	-37.87	17.88	-25.97	17.90	-25.10	29.04	-4.01	31.10
8	-35.24	22.26	-40.85	17.52	-27.97	26.19	-25.18	35.18	-7.83	30.88
9	-37.46	20.99	-43.10	16.17	-29.80	29.83	-25.70	38.24	-9.94	29.79
10	-41.25	19.73	-42.63	12.17	-29.43	38.53	-25.73	35.33	-12.02	28.94
11	-47.79	17.84	-41.18	11.29	-27.37	42.28	-25.90	40.78	-16.12	26.78
12	-37.23	17.00	-38.04	7.45	-24.85	47.70	-26.10	42.20	-20.25	23.66
13	-30.65	16.14	-31.74	3.60	-22.99	49.40	-27.40	42.20	-23.90	21.64
14	-25.36	15.04	-22.58	2.00	-21.02	49.40	-28.12	40.38	-23.90	19.04
15	-22.80	13.72	-11.01	1.70	-18.30	49.40	-29.35	35.12	-24.15	15.86
16	-19.11	11.79	-0.30	0.20	-18.30	48.64	-30.41	29.17	-25.90	15.04
17	-13.27	9.86	3.93	0.20	-18.42	46.96	-32.10	25.62	-25.90	13.88
18	-9.90	8.00	12.00	1.50	-20.02	44.91	-32.10	23.58	-25.90	13.29
19	-9.76	7.70	15.40	1.90	-21.56	42.19	-32.06	20.89	-25.90	12.96
20	-7.85	7.50	19.25	3.40	-22.15	39.63	-31.79	17.87	-26.16	11.88
21	-3.89	7.50	19.79	3.40	-22.45	37.84	-31.40	17.40	-27.92	11.39
22	-1.90	7.93	19.68	2.00	-26.19	33.82	-31.48	17.40	-29.16	11.07
23	-1.90	10.44	19.28	1.50	-28.56	30.08	-31.82	17.43	-29.90	9.89
24	-1.90	12.12	17.69	0.10	-31.79	29.24	-31.90	17.99	-29.82	9.89
25	-1.10	16.01	17.67	0.	-32.10	27.02	-31.90	19.25	-28.86	9.59
26	0.	17.91	17.12	0.00	-31.93	23.59	-31.81	19.81	-25.62	9.10
27	-0.00	17.95	15.90	0.20	-30.68	21.12	-30.99	19.90	-23.66	9.11
28	-0.30	16.99	15.87	1.90	-27.82	19.16	-28.17	19.90	-21.70	9.93
29	-1.50	13.49	15.38	5.93	-25.67	16.19	-23.83	19.87	-19.73	11.41
30	-1.90	5.87	14.95	9.84	-24.20	14.27	-21.65	19.45	-17.63	11.93
31	-2.10	1.90	13.79	11.94	-23.31	13.62	-19.00	17.75	-13.82	13.00
32	-1.90	-0.00	11.18	13.29	-21.82	11.55	-14.12	16.81	-11.90	13.00
33	-1.30	-9.65	6.95	15.79	-21.10	9.89	-12.39	13.82	-11.89	12.96
34	1.91	-12.13	1.90	17.41	-21.17	9.50	-12.09	11.70	-11.65	11.88
35	9.65	-19.26	1.90	19.00	-21.80	9.51	-11.89	5.18	-9.90	11.07
36	12.03	-22.44	-6.13	18.92	-21.80	9.90	-11.65	1.40	-9.90	9.90
37	16.34	-23.78	-9.53	17.89	-21.80	9.90	-9.87	-1.10	-9.90	9.90
38	20.63	-25.39	-11.00	17.58	-21.80	9.90	-8.27	-7.64	-9.94	9.89
39	24.14	-27.33	-11.00	15.87	-21.66	9.90	-5.98	-11.14	-11.95	9.47
40	28.05	-28.28	-10.97	15.13	-20.22	9.86	-3.89	-11.14	-13.52	7.89
41	27.56	-29.57	-9.54	11.73	-18.08	7.84	-1.30	-14.04	-13.90	7.28
42	27.93	-29.90	-1.80	9.40	-15.13	3.29	0.00	-17.34	-13.87	5.39
43	28.10	-30.13	0.00	9.40	-13.62	1.10	1.30	-19.40	-13.05	3.89
44	28.07	-31.27	1.90	9.40	-11.68	-1.91	2.10	-19.28	-11.69	1.90
45	27.90	-31.99	3.70	9.43	-7.67	-10.22	5.91	-17.84	-7.82	1.90
46	27.90	-32.53	3.91	5.87	-5.18	-15.64	7.90	-16.79	-1.90	1.10
47	27.90	-33.37	5.90	1.90	-1.90	-20.25	7.90	-13.53	0.00	0.
48	27.93	-33.48	6.01	-0.00	0.00	-24.56	7.90	-11.88	1.90	0.
49	28.27	-32.82	7.13	-0.00	1.50	-29.44	7.70	-11.20	5.93	0.
50	29.25	-31.07	9.97	-2.31	3.81	-31.81	7.60	-11.17	9.90	-0.00

RECORD=S-282
 DATE AND TIME=1968-05-18-08-05
 COMPONENT=E-H
 SIGNAL=GR.ACC.
 CORRECTION=ZERO, ARC
 FORMAT NO.=301
 STATION=OFUNATO-S
 TOTAL NUMBER OF DATA= 8900

NO.	(3500)	(3550)	(3600)	(3650)	(3700)	(3750)	(3800)	(3850)	(3900)	(3950)
1	-1.70	13.06	-29.16	-6.46	-5.40	13.95	-11.31	9.03	-7.90	-11.84
2	-1.90	11.83	-30.21	-1.90	-5.91	15.04	-11.84	5.18	-7.90	-9.95
3	-3.91	9.57	-31.94	0.00	-7.93	13.90	-13.15	1.90	-7.78	-7.45
4	-5.90	7.89	-33.50	3.91	-9.84	13.82	-11.90	1.20	-5.89	-3.69
5	-5.90	7.26	-33.13	7.95	-11.94	11.84	-11.84	-1.50	-3.90	-0.70
6	-5.90	3.90	-31.90	11.71	-13.98	9.88	-9.86	-3.20	-3.90	0.00
7	-5.91	3.89	-31.81	15.34	-15.98	9.04	-7.89	-3.50	-3.90	0.40
8	-7.60	-1.20	-31.17	18.33	-17.43	5.91	-7.09	-3.50	-3.70	1.60
9	-7.90	-1.00	-29.17	24.41	-17.90	7.01	-5.89	-3.50	-3.90	1.80
10	-7.92	-3.91	-24.83	29.39	-17.90	7.93	-3.90	-3.50	-3.50	2.00
11	-9.70	-7.93	-17.63	36.89	-18.04	9.83	-3.30	-3.20	-2.10	2.00
12	-9.94	-9.80	-13.88	40.02	-19.90	11.31	-1.50	-2.10	-1.60	2.20
13	-12.21	-9.90	-13.36	42.00	-19.87	11.61	0.	-1.90	-0.50	3.00
14	-21.95	-9.70	-9.89	43.00	-19.37	11.95	0.	-1.70	0.	3.60
15	-25.16	-9.66	-9.47	42.57	-17.90	13.57	0.	-1.50	0.00	3.90
16	-28.07	-7.90	-7.87	39.86	-17.85	15.33	-0.00	-1.50	0.50	3.70
17	-30.71	-7.78	-5.89	35.90	-17.03	15.90	-1.50	-1.10	1.60	3.30
18	-35.52	-5.86	-3.89	35.21	-15.90	15.97	-3.01	0.00	2.40	2.30
19	-40.60	-1.10	-1.90	32.11	-16.01	17.11	-5.91	1.50	3.90	1.30
20	-41.90	3.21	0.	27.90	-17.99	17.21	-7.01	3.90	5.90	-3.30
21	-41.90	7.95	0.	27.88	-19.26	17.41	-8.24	5.30	5.90	-4.30
22	-41.90	12.09	-0.00	27.49	-19.90	17.58	-11.23	5.90	5.90	-5.41
23	-41.16	18.33	-1.10	25.61	-19.89	17.29	-12.33	5.60	5.59	-6.30
24	-39.90	24.69	-1.90	23.29	-19.77	17.06	-13.06	5.19	5.19	-6.09
25	-39.70	30.58	-5.32	19.08	-19.36	16.47	-11.88	4.00	3.80	-5.39
26	-38.24	34.42	-7.92	15.13	-17.45	15.86	-11.26	3.60	3.10	-3.90
27	-35.66	38.39	-9.61	11.78	-13.82	15.13	-9.87	1.80	2.30	-3.10
28	-34.57	41.36	-9.90	7.86	-11.84	13.72	-8.29	0.	2.00	-1.30
29	-32.51	45.26	-9.94	5.08	-9.86	11.87	-7.89	-0.00	1.90	0.00
30	-28.69	47.00	-11.95	1.50	-7.90	10.92	-7.19	-0.40	1.90	1.50
31	-22.84	46.27	-13.52	-1.90	-7.90	7.74	-6.30	-0.20	1.30	2.50
32	-17.34	44.76	-13.98	-5.91	-7.92	2.99	-6.10	0.	0.40	4.01
33	-13.36	43.78	-16.01	-7.93	-9.61	-0.00	-5.90	0.	-1.10	5.81
34	-9.86	42.19	-18.12	-9.94	-9.90	-3.71	-5.70	0.	-1.90	7.31
35	-7.84	38.04	-21.18	-11.95	-9.90	-5.91	-5.07	0.00	-3.90	8.12
36	-3.00	32.97	-22.07	-13.63	-9.90	-7.93	-0.10	0.40	-5.10	9.51
37	-1.90	28.83	-23.70	-11.64	-9.74	-9.93	0.50	1.30	-5.90	10.21
38	0.	23.57	-25.20	-9.90	-1.90	-11.41	1.10	1.90	-6.30	10.62
39	0.00	19.07	-25.20	-9.88	0.00	-11.80	3.41	1.90	-6.50	11.41
40	1.90	15.04	-25.20	-9.08	3.61	-11.88	5.92	6.21	-7.00	11.92
41	3.91	11.84	-25.20	-7.90	5.90	-11.20	8.32	8.00	-7.20	12.42
42	7.55	9.70	-25.19	-7.90	5.90	-7.47	9.93	7.89	-7.60	13.10
43	11.27	-0.00	-25.10	-7.59	5.90	-5.09	11.50	7.27	-8.02	13.18
44	13.90	-5.96	-25.10	-7.09	5.90	-3.20	11.30	4.29	-9.71	12.68
45	13.90	-13.69	-24.82	-5.90	5.29	-3.20	11.19	2.30	-10.43	11.95
46	13.90	-16.12	-22.88	-5.89	3.91	-3.90	10.98	0.40	-11.82	10.47
47	13.90	-20.36	-21.70	-3.90	5.91	-3.91	10.39	-0.00	-12.56	9.34
48	13.90	-25.21	-19.41	-3.90	7.95	-7.11	10.10	-3.71	-14.31	6.28
49	13.88	-25.90	-13.79	-3.90	9.94	-7.93	9.90	-5.91	-14.46	4.09
50	13.29	-26.36	-10.98	-3.90	11.96	-9.93	9.79	-7.60	-13.53	1.90

RECORD=S-282 COMPONENT=E-W SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=OFUNATO-S
 DATE AND TIME=1968-05-18-08-05 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8900

NO.	(4000)	(4050)	(4100)	(4150)	(4200)	(4250)	(4300)	(4350)	(4400)	(4450)
1	-0.00	-11.87	19.45	-21.60	12.07	-12.52	6.30	-13.30	23.20	-13.68
2	-1.90	-10.97	23.64	-20.49	8.07	-13.01	6.61	-13.18	22.27	-13.17
3	-3.00	-9.77	25.65	-18.36	5.70	-13.40	7.21	-12.69	21.02	-12.38
4	-3.50	-8.79	27.38	-17.90	5.00	-13.80	7.80	-12.50	19.26	-11.89
5	-3.30	0.00	28.25	-17.93	4.10	-13.41	8.01	-12.50	18.73	-11.49
6	-2.00	3.81	27.95	-18.38	3.80	-13.70	8.81	-12.41	17.66	-10.98
7	-1.40	6.53	26.91	-19.46	3.40	-13.70	9.29	-12.62	15.57	-10.19
8	-0.10	9.70	22.15	-20.31	3.30	-13.59	8.59	-13.12	13.00	-9.79
9	1.80	9.89	18.09	-21.45	3.10	-13.39	7.88	-13.61	10.23	-9.38
10	3.10	9.49	15.04	-22.25	2.70	-13.06	6.49	-13.91	7.28	-8.59
11	5.11	8.89	9.82	-21.94	1.90	-11.86	5.09	-14.11	5.88	-7.88
12	7.31	8.29	5.87	-21.74	1.30	-10.45	2.60	-14.31	3.40	-6.59
13	7.89	7.89	2.50	-21.14	-0.80	-8.38	1.20	-14.47	1.50	-5.30
14	7.47	7.29	0.60	-20.57	-0.30	-7.27	0.40	-13.89	1.00	-4.70
15	5.19	6.28	-0.10	-20.26	0.	-4.99	0.00	-13.67	0.	-4.10
16	2.60	3.89	-0.30	-19.74	0.	-3.90	0.70	-12.96	-0.00	-3.70
17	0.70	1.90	0.00	-19.01	0.00	-3.40	2.10	-11.72	-0.40	-3.50
18	-3.71	0.50	0.40	-17.50	0.10	-3.00	2.30	-9.15	-1.00	-2.70
19	-5.51	1.10	1.60	-11.72	0.	-2.50	3.50	-6.58	-1.50	-1.50
20	-6.40	-4.71	1.90	-8.97	-0.00	-2.30	4.10	-3.90	-2.30	-0.10
21	-6.59	-6.22	2.20	-1.80	-0.60	-1.90	4.81	-3.60	-3.40	1.20
22	-5.90	-8.73	2.40	1.90	-2.10	-1.50	5.90	-2.70	-4.21	2.30
23	-5.49	-10.33	2.20	2.20	-3.10	-1.00	6.50	-2.00	-5.70	3.81
24	-3.90	-11.51	1.90	3.40	-3.40	0.00	6.49	-1.60	-6.30	6.81
25	-2.60	-11.88	1.10	4.20	-3.70	1.30	5.29	-0.30	-5.69	7.90
26	-2.00	-11.27	0.50	5.30	-3.90	3.50	5.20	0.50	-4.70	8.20
27	-1.30	-10.06	0.	5.80	-4.00	4.50	4.30	5.02	-3.90	7.89
28	-0.60	-8.25	0.00	6.00	-4.50	5.50	3.70	8.22	-3.90	6.80
29	-0.60	-4.59	0.30	6.10	-5.40	5.91	2.70	9.61	-4.00	6.30
30	-1.00	-1.90	0.50	6.30	-5.90	6.71	1.90	10.21	-4.80	6.20
31	-1.50	0.00	0.	6.50	-6.41	7.31	0.50	10.51	-5.80	6.81
32	-2.20	1.00	0.	6.50	-7.21	7.91	-1.10	11.01	-6.41	8.32
33	-5.50	1.80	-0.00	6.30	-8.22	8.51	-2.70	11.39	-7.92	9.96
34	-5.11	2.30	-0.50	5.79	-9.51	9.01	-4.00	11.09	-9.11	11.23
35	-6.12	2.20	-1.10	4.49	-9.90	9.50	-5.01	10.79	-9.90	12.40
36	-8.44	1.90	-1.70	3.20	-9.70	9.50	-6.01	10.32	-9.90	12.39
37	-11.37	1.10	-1.70	2.70	-9.38	9.70	-7.21	11.02	-9.58	12.09
38	-13.78	-0.00	-1.90	3.30	-8.49	9.90	-8.13	11.61	-8.39	11.69
39	-15.82	-1.40	-2.40	4.22	-7.89	9.90	-10.15	12.14	-7.90	11.38
40	-18.02	-3.00	-3.11	10.08	-7.09	10.00	-12.48	13.34	-7.68	10.59
41	-19.65	-2.60	-6.63	13.61	-6.20	9.90	-14.77	14.32	-6.20	9.99
42	-20.24	-2.10	-9.74	16.68	-5.90	9.69	-16.39	14.84	-5.61	9.51
43	-20.56	-1.70	-11.55	22.79	-5.90	9.99	-17.83	15.73	-7.31	9.90
44	-19.10	-0.50	-13.55	24.41	-6.21	8.99	-18.27	16.34	-8.12	10.11
45	-17.75	0.30	-17.22	25.25	-7.71	8.39	-17.87	17.06	-9.21	10.61
46	-15.63	3.01	-19.11	25.54	-8.52	7.99	-17.44	18.10	-9.95	10.99
47	-14.26	9.04	-20.48	24.77	-9.71	7.60	-16.47	19.47	-12.65	10.68
48	-13.27	11.36	-21.36	21.56	-10.43	7.50	-15.82	20.48	-16.14	9.99
49	-12.39	13.58	-21.91	18.25	-11.51	7.00	-14.36	22.43	-15.04	9.69
50	-12.09	15.69	-21.97	14.87	-11.92	6.60	-13.49	23.48	-14.65	9.18

NO.	(4500)	(4550)	(4600)	(4650)	(4700)	(4750)	(4800)	(4850)	(4900)	(4950)
1	8.08	-8.71	1.30	-5.49	3.20	-1.70	7.88	-9.69	3.99	-1.70
2	6.98	-9.50	2.80	-4.70	1.60	0.00	6.49	-9.17	1.60	-1.80
3	5.88	-9.10	3.80	-4.30	0.80	0.40	5.29	-7.59	0.00	-1.10
4	2.60	-9.31	4.30	-3.30	0.50	0.40	4.30	-6.49	-1.70	0.00
5	0.60	-9.61	4.00	-1.90	0.50	0.70	3.80	-5.69	-3.41	0.10
6	-0.10	-9.91	3.40	-0.60	0.10	0.70	2.60	-3.90	-5.71	1.30
7	-1.10	-10.20	1.90	0.00	0.10	0.70	1.90	-2.50	-6.61	2.20
8	-1.60	-10.39	-0.00	0.70	0.10	0.70	1.10	-1.40	-7.71	3.30
9	-1.90	-10.05	-0.50	1.50	0.10	0.70	-0.00	-0.10	-8.31	4.31
10	-2.10	-10.86	-1.50	1.90	0.10	0.70	-0.00	0.30	-9.02	5.71
11	-2.30	-4.49	-2.10	2.10	0.	1.20	-4.30	1.80	-9.92	6.51
12	-2.30	-2.00	-2.50	2.30	-0.00	1.70	-5.51	3.00	-11.02	7.61
13	-2.70	0.50	-3.00	2.20	-0.10	2.20	-7.41	4.41	-11.72	8.32
14	-3.10	1.40	-3.00	1.90	-1.10	3.30	-8.43	6.00	-12.55	9.51
15	-3.50	2.40	-3.00	1.50	-2.20	4.00	-10.34	6.00	-13.98	10.22
16	-3.80	4.01	-3.00	0.80	-2.50	5.00	-12.28	6.00	-15.90	11.12
17	-3.90	5.70	-2.60	0.50	-3.10	5.20	-14.70	6.01	-15.90	11.90
18	-4.10	5.90	-2.70	0.10	-3.60	5.20	-14.70	7.01	-15.83	11.90
19	-4.30	6.20	-3.10	1.00	-3.90	5.20	-14.57	7.80	-15.49	11.90
20	-4.40	6.61	-3.50	1.90	-5.10	5.20	-13.85	8.12	-15.27	11.90
21	-4.60	7.21	-4.21	3.20	-5.70	5.00	-12.68	9.52	-14.58	11.83
22	-4.70	7.80	-5.82	4.60	-6.11	4.70	-12.17	10.83	-14.10	10.19
23	-5.00	7.91	-6.63	4.61	-7.01	5.60	-11.27	11.80	-14.13	9.90
24	-5.10	8.72	-10.34	6.31	-7.70	6.01	-10.08	11.78	-14.74	9.90
25	-5.40	9.92	-11.96	7.51	-7.90	7.90	-9.17	10.97	-15.64	9.98
26	-5.72	10.73	-14.13	8.62	-7.91	8.21	-7.77	10.87	-16.45	11.12
27	-7.91	11.81	-17.22	9.61	-8.51	9.21	-5.50	8.28	-17.27	11.81
28	-8.52	12.20	-19.01	9.90	-9.02	9.92	-5.40	7.19	-18.41	12.00
29	-9.94	12.29	-19.12	9.90	-10.04	11.02	-5.51	6.50	-19.93	12.01
30	-11.75	12.10	-19.32	9.90	-11.96	11.62	-6.51	6.50	-21.30	12.29
31	-13.52	12.09	-19.52	10.00	-13.85	12.45	-7.93	6.51	-21.24	11.87
32	-15.91	11.90	-19.77	10.11	-15.20	13.84	-9.93	7.11	-20.61	10.98
33	-14.11	11.89	-19.49	10.71	-17.24	14.74	-11.32	7.60	-19.54	10.86
34	-14.41	11.61	-19.37	11.02	-17.94	15.60	-11.95	7.60	-17.56	8.29
35	-14.71	11.80	-18.75	11.71	-18.56	15.60	-13.56	7.60	-15.32	7.30
36	-15.01	11.80	-15.65	12.12	-19.36	15.60	-15.20	7.60	-11.83	7.30
37	-15.21	11.80	-14.57	12.62	-20.13	15.58	-17.20	7.60	-9.41	7.20
38	-15.38	11.79	-11.83	13.21	-20.55	15.30	-17.20	7.60	-4.70	7.50
39	-14.96	11.49	-9.36	13.48	-21.00	15.30	-17.12	7.19	-3.70	7.90
40	-14.18	11.28	-7.08	13.10	-21.00	15.27	-15.84	6.60	-2.60	8.10
41	-13.66	10.37	-5.09	13.00	-21.00	14.70	-14.65	6.60	-1.98	8.41
42	-12.66	9.19	-3.60	12.98	-21.00	14.60	-13.55	6.51	0.20	9.00
43	-11.31	8.36	-3.00	12.48	-20.89	14.66	-12.18	7.30	1.01	8.79
44	-8.10	5.39	-3.10	11.99	-19.54	13.90	-11.58	7.50	1.90	8.39
45	-7.10	3.60	-3.60	11.69	-16.55	13.90	-10.99	7.70	1.90	7.54
46	-6.50	3.09	-3.90	11.15	-15.50	13.84	-10.69	7.90	1.90	7.40
47	-6.71	0.60	-4.20	9.27	-11.73	12.36	-10.10	7.90	1.50	1.00
48	-7.41	0.	-4.70	7.87	-9.46	11.16	-10.10	7.79	0.10	0.00
49	-7.90	0.00	-5.10	5.29	-7.47	9.78	-10.10	7.38	-0.30	-3.90
50	-8.01	0.10	-5.30	3.80	-4.59	8.59	-10.09	5.89	-1.50	-5.10

RECORD=S-282
DATE AND TIME=1968-05-18-08-05

COMPONENT=E-W
SIGNAL=GR.ACC.
CORRECTION=ZFR0.ARC
FORMAT NO.=301

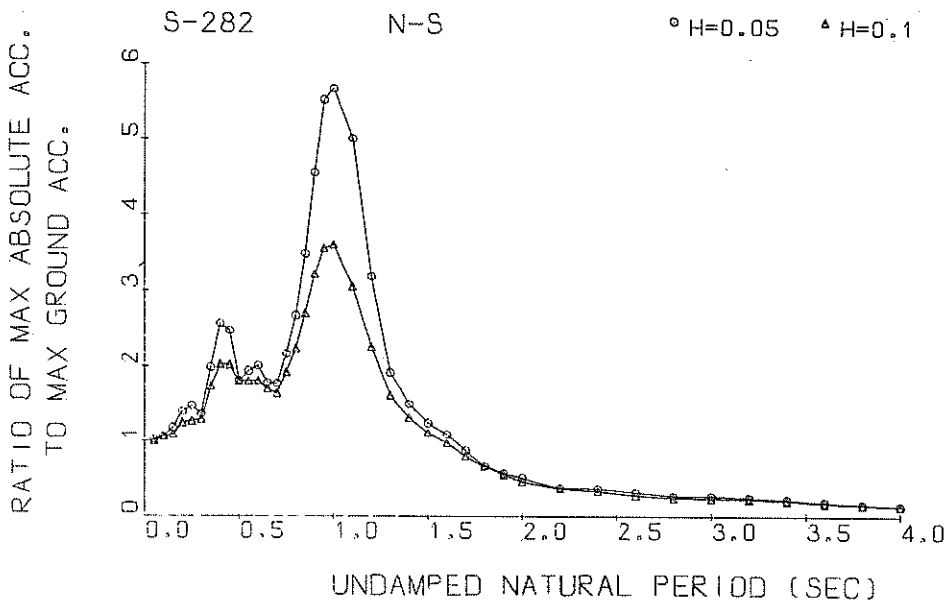
SAMPLING INTERVAL=0.0101(SEC)
STATION=OFUNATO-S
TOTAL NUMBER OF DATA= 8900

RECORD=S-282 COMPONENT=E-H SAMPLING INTERVAL= 0.010(SEC) CORRECTION=ZERO.ARC STATION=OFUNATO-S
 DATE AND TIME=1968-05-16-08-05 SIGNAL=GR.ACC. FORMAT NO.=301 TOTAL NUMBER OF DATA= 8900

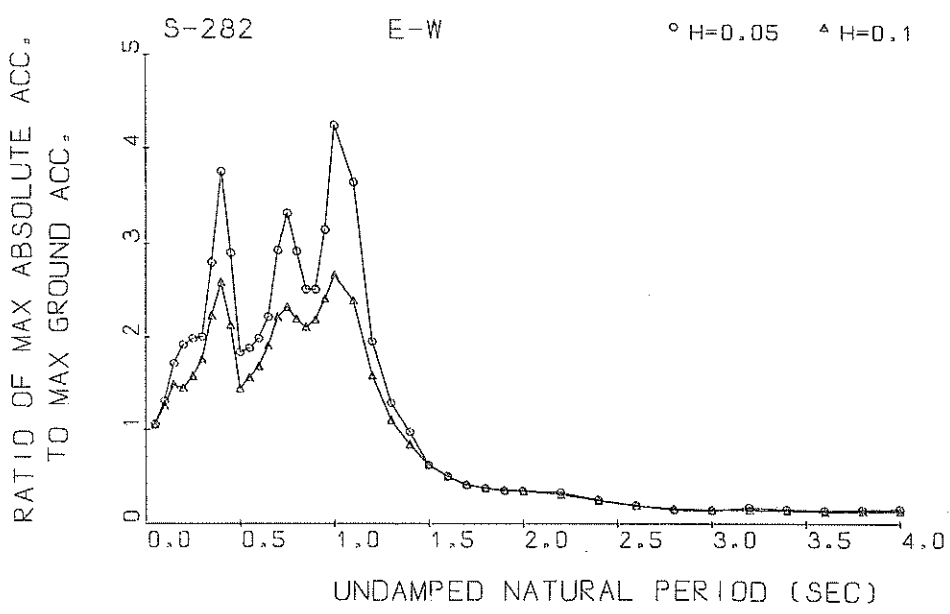
NO.	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)
1	-5.30	4.09	-5.60	5.90	-5.10	3.90	-0.30	1.30	-1.20	-1.90
2	-2.60	-2.60	-6.12	5.70	-5.10	3.90	-0.30	1.50	-0.50	-1.90
3	-4.40	-0.30	-8.01	5.19	-5.10	3.90	-0.30	1.90	-0.20	-2.10
4	-3.90	1.90	-9.01	4.20	-5.10	3.60	-1.00	1.90	-0.20	-2.80
5	-3.90	4.01	-9.09	3.10	-5.50	3.50	-1.50	1.90	-0.20	-2.80
6	-4.40	5.91	-9.10	2.60	-5.50	2.70	-2.50	1.90	-1.10	-2.90
7	-5.31	7.92	-9.10	2.60	-5.70	2.20	-3.90	1.90	-1.80	-2.90
8	-6.41	9.32	-9.10	2.60	-5.90	1.50	-4.51	1.60	-2.30	-2.40
9	-8.13	10.62	-9.11	3.40	-6.40	-0.00	-5.70	1.30	-3.50	-1.10
10	-9.94	11.65	-9.41	3.60	-6.60	-1.50	-5.70	0.60	-3.90	-0.50
11	-11.75	13.33	-9.90	3.60	-6.80	-1.80	-5.70	0.10	-3.90	0.00
12	-13.33	14.22	-9.90	3.90	-5.90	-1.80	-5.09	0.	-3.70	0.40
13	-14.17	14.60	-9.91	4.20	-5.80	-1.30	-3.90	0.	-2.30	1.00
14	-15.65	14.58	-10.30	5.40	-5.50	-0.50	-3.00	0.	-2.40	1.00
15	-16.74	14.00	-10.30	5.90	-5.09	0.20	-1.60	0.00	-2.40	1.00
16	-17.33	13.88	-10.32	6.41	-3.90	2.40	-0.70	0.20	-2.40	0.80
17	-17.76	13.35	-11.32	7.91	-3.30	5.61	-0.70	1.10	-2.40	0.70
18	-18.72	12.20	-11.94	8.40	-2.50	6.40	-0.70	1.60	-3.10	0.80
19	-20.28	12.20	-13.14	8.40	-2.50	6.40	-0.60	2.00	-3.50	0.70
20	-21.10	12.24	-14.27	8.10	-2.50	6.00	-1.20	2.60	-3.80	1.10
21	-21.60	13.52	-15.78	8.00	-2.70	5.80	-1.70	2.60	-3.90	1.60
22	-19.97	13.92	-17.25	7.89	-2.70	5.19	-1.90	2.60	-4.40	2.10
23	-19.49	14.34	-18.02	7.29	-3.10	3.90	-2.40	2.10	-5.00	2.50
24	-18.16	15.23	-18.30	6.49	-3.30	3.00	-2.70	1.90	-4.70	3.10
25	-16.15	15.90	-18.27	5.90	-3.40	2.10	-2.70	1.60	-4.70	3.90
26	-13.56	15.90	-17.77	5.29	-3.40	2.10	-3.30	1.20	-4.10	4.10
27	-12.66	15.87	-15.87	4.40	-3.50	2.40	-3.50	1.00	-3.80	4.40
28	-11.46	15.25	-13.52	3.80	-3.10	2.40	-3.80	1.90	-3.30	4.40
29	-10.20	14.28	-11.54	3.20	-2.60	2.40	-3.90	0.40	-2.30	4.40
30	-10.20	13.88	-9.46	1.90	-2.60	2.40	-4.30	0.10	-2.30	4.40
31	-10.20	13.16	-7.57	1.50	-2.60	2.40	-5.10	0.	-2.30	4.20
32	-10.20	9.47	-5.49	1.00	-3.10	2.20	-5.50	0.	-2.30	3.90
33	-10.20	7.88	-4.40	0.20	-3.40	2.10	-5.40	-0.00	-2.30	3.90
34	-10.20	6.18	-3.80	-0.00	-3.70	2.30	-4.90	-0.10	-2.30	3.90
35	-10.40	3.99	-3.30	-1.20	-3.70	2.30	-3.90	-0.10	-2.30	4.20
36	-10.40	2.20	-2.50	-2.40	-3.40	2.30	-2.70	-0.10	-2.00	4.30
37	-10.40	1.50	-1.70	-4.01	-3.10	2.20	-1.90	-0.10	-1.90	4.30
38	-10.29	0.50	-1.00	-5.91	-2.10	2.10	-1.20	-0.10	-1.60	4.30
39	-9.90	0.50	-0.20	-7.71	-1.70	2.20	0.	-0.40	-1.10	3.39
40	-9.90	0.50	0.	-8.62	-0.50	1.90	0.	-0.20	-1.10	1.20
41	-9.18	0.50	0.00	-9.90	0.00	1.60	0.	-1.20	-1.40	-1.20
42	-8.29	0.50	1.10	-9.90	0.60	0.60	-0.00	-1.90	-1.70	-3.70
43	-7.90	0.20	1.60	-9.68	1.30	-0.00	-0.10	-3.60	-1.90	-4.31
44	-7.90	0.20	1.90	-8.60	1.80	-1.50	-0.30	-3.90	-1.90	-5.81
45	-8.11	-0.00	2.30	-8.29	2.00	-2.10	-0.30	-4.20	-2.10	-7.01
46	-8.11	-0.30	3.60	-8.78	2.50	-2.50	-0.30	-4.20	-2.10	-8.22
47	-8.30	-1.70	4.41	-6.29	3.20	-3.20	0.	-3.80	-2.10	-9.51
48	-8.29	-3.10	5.70	-5.70	3.50	-3.40	0.00	-3.20	-1.90	-10.01
49	-7.87	-4.00	5.90	-5.10	3.50	-1.90	0.20	-2.10	-1.90	-10.62
50	-5.89	-5.10	5.90	-5.10	3.90	-1.30	1.00	-1.70	-1.90	-11.52

NO.	STATION OF UNATO-S									
	(5550)	(5600)	(5650)	(5700)	(5750)	(5800)	(5850)	(5900)	(5950)	(5950)
1	-11.90	6.31	-7.60	-2.10	0.	-10.40	2.40	-9.60	5.29	-10.90
2	-11.90	7.53	-7.60	-2.10	0.	-10.19	2.80	-9.78	4.20	-10.88
3	-11.89	10.12	-7.60	-2.10	0.00	-9.79	3.10	-8.99	3.90	-10.29
4	-11.60	11.22	-7.60	-2.40	0.60	-9.49	3.40	-8.29	3.50	-9.79
5	-11.59	11.80	-7.60	-3.00	1.60	-9.00	3.40	-7.90	3.50	-9.38
6	-11.20	11.70	-7.80	-3.60	2.20	-9.00	3.30	-7.90	3.50	-9.38
7	-11.18	11.67	-7.80	-3.90	2.80	-9.01	3.40	-7.90	4.20	-5.59
8	-10.59	10.77	-7.70	-4.30	3.10	-9.30	3.20	-7.90	4.61	-4.60
9	-9.29	9.59	-7.90	-4.61	4.00	-9.51	2.40	-8.20	5.80	-3.60
10	-8.89	9.00	-7.90	-5.80	4.70	-9.71	1.40	-8.20	5.90	-2.80
11	-8.89	9.09	-7.90	-5.80	5.30	-10.21	0.70	-7.89	5.90	-2.40
12	-8.60	8.49	-7.90	-5.80	5.91	-10.71	-0.00	-7.30	5.89	-1.50
13	-8.60	7.99	-7.90	-5.80	6.60	-11.31	-0.30	-7.30	4.48	-1.00
14	-8.50	7.59	-7.90	-5.80	6.60	-11.70	-0.30	-7.30	1.00	1.10
15	-8.70	6.78	-7.79	-5.90	6.60	-11.70	0.20	-7.30	2.00	2.00
16	-8.70	4.89	-7.39	-6.20	6.49	-11.69	0.80	-7.30	-1.10	2.50
17	-8.40	3.00	-6.79	-6.40	5.79	-11.18	1.10	-7.30	-3.60	2.50
18	-8.39	1.70	-5.90	-6.71	4.70	-10.49	1.40	-7.30	-4.30	2.50
19	-7.99	1.30	-5.29	-7.51	3.80	-10.09	2.00	-7.29	-4.30	2.80
20	-7.50	1.30	-3.00	-8.01	3.40	-9.58	2.30	-6.60	-4.30	2.80
21	-7.10	1.30	-0.70	-8.40	2.70	-8.68	2.70	-6.29	-4.30	3.10
22	-7.10	1.30	0.00	-8.30	2.10	-7.58	3.00	-5.39	-4.30	3.40
23	-7.30	1.40	1.70	-8.30	1.40	-6.09	3.50	-4.60	-4.60	3.80
24	-7.40	1.30	2.10	-8.31	0.50	-5.39	3.70	-2.40	-5.21	4.20
25	-7.30	0.90	3.00	-8.70	-0.30	-4.49	3.70	-1.60	-6.81	4.60
26	-7.50	0.80	3.00	-9.02	-1.30	-2.60	3.80	-0.10	-7.41	5.20
27	-7.60	0.20	3.10	-10.40	-2.80	-0.70	3.50	-0.10	-8.51	5.60
28	-7.79	1.60	3.20	-10.41	-3.70	0.80	2.80	-0.70	-9.32	5.70
29	-7.19	-2.70	2.40	-10.70	-3.70	2.00	1.80	-1.00	-10.22	5.70
30	-6.80	-3.90	1.30	-10.69	-3.70	2.40	0.50	-1.30	-11.00	5.30
31	-5.90	-5.01	0.90	-10.39	-3.40	2.60	-1.30	-1.60	-11.00	4.80
32	-5.30	-6.21	0.40	-9.79	-3.40	3.20	-3.50	-1.60	-10.90	3.90
33	-5.30	-7.30	-0.00	-9.27	-3.10	3.60	-4.61	-1.10	-10.90	2.90
34	-5.30	-7.49	-0.20	-7.87	-3.10	4.20	-5.81	-0.10	-10.90	2.90
35	-5.29	-6.99	-0.10	-5.89	-3.10	4.70	-6.92	0.50	-10.90	2.90
36	-4.80	-6.40	0.10	-3.99	-3.10	4.70	-8.72	1.60	-11.01	2.90
37	-3.40	-6.40	1.20	-0.70	-3.30	4.70	-9.80	1.60	-11.31	2.90
38	-3.40	-6.30	1.90	1.10	-4.00	4.70	-9.80	1.60	-11.50	2.90
39	-2.90	-6.00	2.40	1.70	-4.00	4.70	-9.80	2.10	-11.50	2.90
40	-2.90	-5.80	2.90	2.50	-4.40	4.90	-9.80	2.80	-11.50	2.90
41	-2.90	-5.10	3.40	2.80	-5.11	4.90	-9.80	2.80	-11.59	2.90
42	-2.30	-5.80	3.40	3.00	-6.00	4.90	-9.80	2.80	-11.29	2.30
43	-2.30	-6.00	3.40	3.10	-6.51	4.60	-9.80	3.20	-10.89	1.30
44	-2.10	-6.30	3.10	3.10	-7.51	4.40	-9.80	4.30	-10.59	-0.10
45	-1.60	-6.60	2.70	3.10	-8.72	4.40	-9.80	5.51	-10.30	-0.90
46	-1.30	-6.60	2.40	2.90	-9.91	4.10	-9.80	6.40	-10.30	-1.80
47	-0.70	-6.60	1.50	2.50	-10.30	4.09	-9.80	6.40	-10.30	-2.80
48	0.60	-6.60	-0.00	1.60	-10.50	2.50	-9.80	6.60	-10.31	-6.70
49	2.00	-7.11	-1.00	1.30	-10.60	2.20	-9.80	6.59	-10.61	-3.70
50	5.11	-7.60	-1.80	0.90	-10.50	2.20	-9.80	5.99	-10.90	-3.80

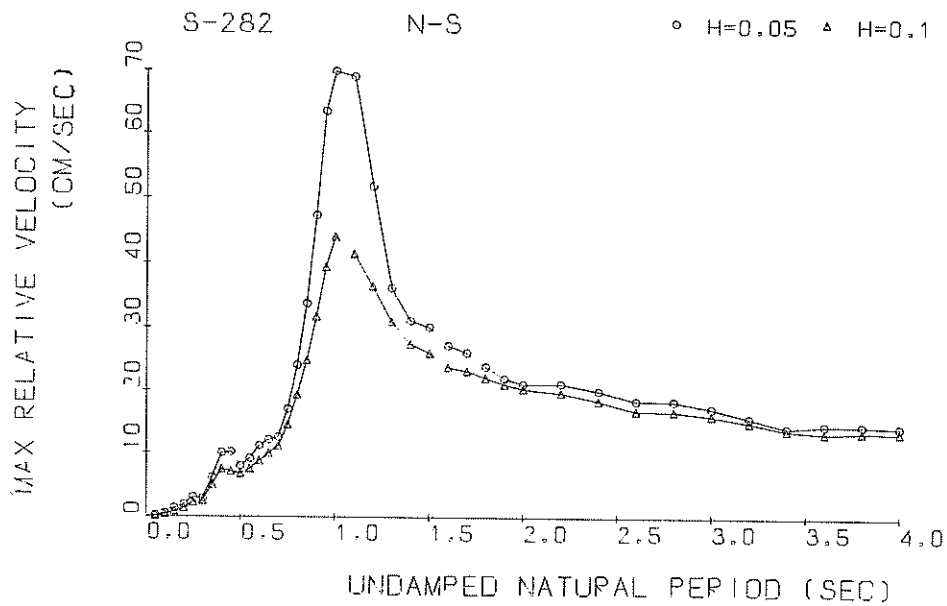
RECORDS-282
DATE AND TIME=1968-05-18-08-05
COMPONENT=E-W
SAMPLING INTERVAL= 0.010(SEC)
CORRECTION=ZERO, ARC
FORMAT NO.=301
STATION OF UNATO-S
TOTAL NUMBER OF DATA= 8900



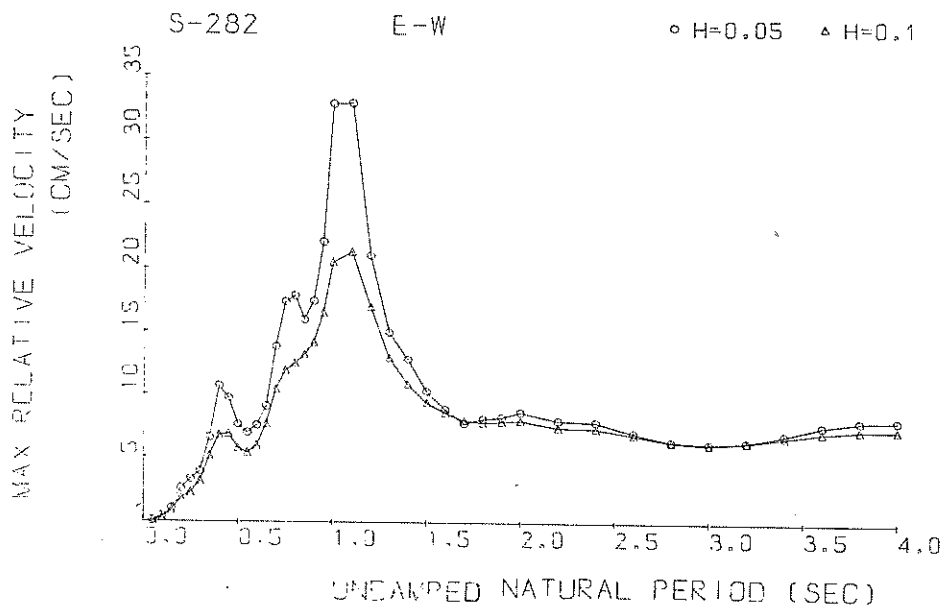
Response Spectra



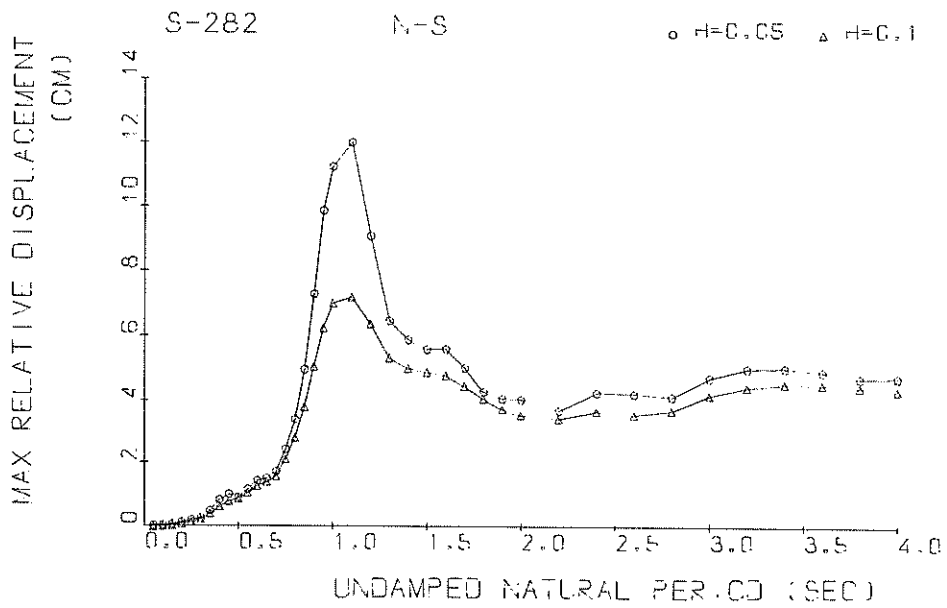
Response Spectra



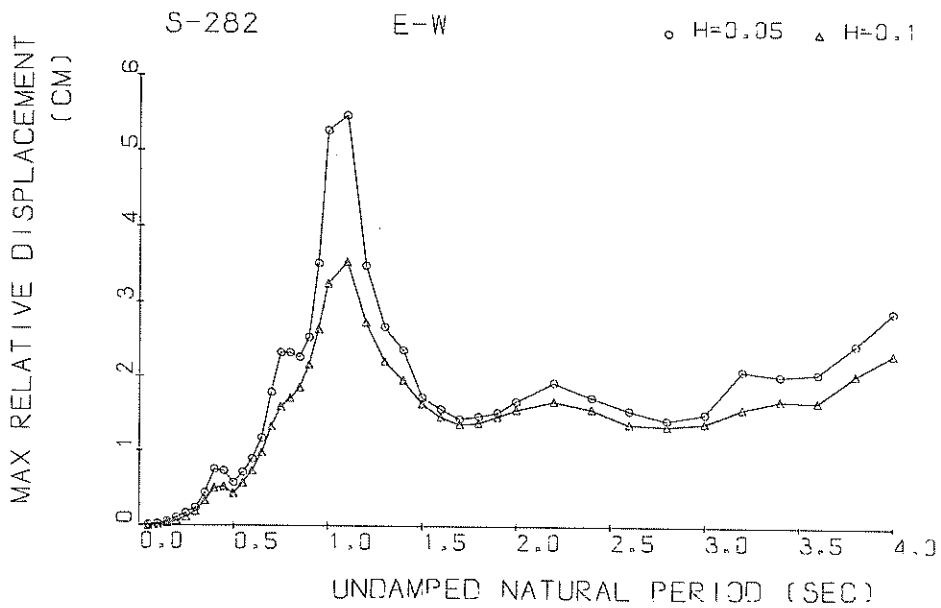
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-282 N-S 1968-05-18-08-05 TOKACHIOKIYOSHIN
 STATION = OFUNATO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 24.000(SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 78.50(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELF. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.017	79.85	8.78	0.105	0.0051
0.100	1.069	83.88	21.66	0.390	0.0212
0.150	1.191	93.51	40.09	1.185	0.0534
0.200	1.404	110.23	51.54	1.738	0.1113
0.250	1.489	116.90	68.89	2.977	0.1843
0.300	1.571	107.61	48.67	2.733	0.2453
0.350	1.496	156.68	96.57	6.088	0.4846
0.400	2.578	202.41	149.14	9.939	0.8189
0.450	2.482	194.83	135.45	10.077	0.9962
0.500	1.825	143.27	101.63	7.886	0.9050
0.550	1.953	153.70	106.52	9.063	1.1731
0.600	2.021	158.69	119.02	11.050	1.4419
0.650	1.803	141.52	102.77	12.045	1.5091
0.700	1.788	140.34	107.23	12.484	1.7371
0.750	2.187	171.66	131.17	16.950	2.4374
0.800	2.691	211.23	163.91	24.004	3.4106
0.850	3.486	273.69	221.47	33.685	4.9915
0.900	4.259	357.89	318.14	47.296	7.3081
0.950	5.539	434.78	400.85	63.405	9.8935
1.000	5.684	446.58	431.01	69.812	11.2600
1.100	5.023	394.30	423.12	68.955	12.0226
1.200	3.194	250.71	288.30	51.699	9.0942
1.300	1.940	152.31	209.76	36.134	6.4764
1.400	1.525	119.73	185.07	31.017	5.8976
1.500	1.265	99.27	177.38	29.975	5.6085
1.600	1.115	87.53	165.86	27.128	5.6229
1.700	0.898	69.70	147.27	25.979	5.0500
1.800	0.578	53.24	130.34	23.818	4.3203
1.900	0.576	45.23	120.14	21.904	4.0931
2.000	0.513	40.65	114.87	21.075	4.0736
2.200	0.591	30.72	105.93	21.148	3.7205
2.400	0.581	29.80	93.42	19.934	4.3050
2.600	0.523	25.32	90.46	18.346	4.2748
2.800	0.272	21.36	90.39	18.324	4.1792
3.000	0.272	21.36	91.03	17.223	4.7865
3.200	0.254	19.93	89.98	15.649	5.0670
3.400	0.227	17.32	80.07	14.100	5.0993
3.600	0.199	15.59	86.26	14.549	4.9812
3.800	0.172	13.52	87.29	14.519	4.7970
4.000	0.156	12.21	87.69	14.266	4.8224

RESPONSE SPECTRUM

RECORD = S-282 N-S 1968-05-18-08-05 TOKACHI-KIYOSHIN
 STATION = OFUNATO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO-ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 24.000(SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC. = 78.50(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELF. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.007	79.09	6.91	0.102	0.0050
0.100	1.075	84.36	17.48	0.339	0.0213
0.150	1.106	86.78	27.70	0.846	0.0490
0.200	1.261	98.96	42.86	1.375	0.1000
0.250	1.282	100.64	45.67	2.228	0.1580
0.300	1.309	102.77	42.66	2.458	0.2324
0.350	1.748	137.22	77.91	5.061	0.4207
0.400	2.043	160.40	106.86	7.465	0.6419
0.450	2.034	159.68	97.79	7.126	0.8093
0.500	1.821	142.93	89.80	6.775	0.8941
0.550	1.827	143.43	95.70	7.578	1.0856
0.600	1.829	143.59	102.37	8.873	1.2915
0.650	1.715	134.60	95.49	10.003	1.4202
0.700	1.657	130.11	102.40	11.172	1.5969
0.750	1.942	152.42	116.96	14.546	2.1429
0.800	2.259	177.32	133.10	19.371	2.8322
0.850	2.718	213.33	174.29	24.926	3.8394
0.900	3.224	253.06	211.90	31.777	5.1075
0.950	3.562	279.62	257.86	39.502	6.2758
1.000	3.614	283.68	273.96	44.151	7.0461
1.100	3.067	240.77	266.36	41.515	7.2278
1.200	2.283	179.22	212.13	36.598	6.3969
1.300	1.638	128.60	183.47	31.019	5.3643
1.400	1.335	104.80	172.31	27.507	5.0477
1.500	1.141	89.55	164.65	26.109	4.9227
1.600	0.990	77.68	155.12	23.889	4.8394
1.700	0.821	64.45	142.77	23.270	4.5120
1.800	0.669	52.55	131.05	22.223	4.1012
1.900	0.557	43.72	122.22	21.167	3.7793
2.000	0.477	37.47	115.97	20.478	3.5702
2.200	0.377	29.62	106.05	19.789	3.4547
2.400	0.342	26.82	96.22	18.536	3.7035
2.600	0.286	22.43	88.44	16.897	3.6008
2.800	0.254	19.90	87.63	16.885	3.7349
3.000	0.252	19.75	68.18	16.180	4.2298
3.200	0.238	18.66	87.64	15.098	4.5077
3.400	0.217	17.07	86.42	13.948	4.6090
3.600	0.195	15.34	86.35	13.461	4.5910
3.800	0.174	13.68	87.04	13.636	4.5097
4.000	0.156	12.22	87.37	13.577	4.4070

RESPONSE SPECTRUM

RECORD = S-282 E-W 1968-05-18-08-05 TOKACHIOKIYOSHIN
 STATION = OFUNATO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 24.000(SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 49.40(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.054	52.08	10.38	0.095	0.0033
0.100	1.501	64.26	18.63	0.421	0.0162
0.150	1.707	84.35	39.07	1.028	0.0478
0.200	1.912	94.43	76.77	2.581	0.0952
0.250	1.981	97.88	88.06	3.295	0.1549
0.300	2.002	98.89	70.33	3.891	0.2241
0.350	2.001	138.38	116.14	6.529	0.4274
0.400	3.747	185.08	158.60	10.673	0.7471
0.450	2.894	142.98	139.36	9.703	0.7289
0.500	1.825	90.15	100.63	7.600	0.5671
0.550	1.873	92.52	89.03	6.963	0.7066
0.600	1.981	97.84	69.81	7.561	0.8891
0.650	2.220	109.66	83.40	9.100	1.1693
0.700	2.922	144.33	116.22	13.857	1.7841
0.750	3.314	103.70	133.22	17.449	2.3223
0.800	2.912	143.87	124.90	17.925	2.3231
0.850	2.517	124.36	117.65	16.019	2.2669
0.900	2.517	124.36	132.02	17.504	2.5394
0.950	3.137	154.97	171.72	22.173	3.5251
1.000	4.238	209.35	211.21	32.864	5.2766
1.100	3.640	179.79	204.47	32.933	5.4814
1.200	1.952	96.42	141.90	21.094	3.4946
1.300	1.281	63.28	112.68	15.046	2.6850
1.400	0.972	48.03	81.14	12.915	2.3660
1.500	0.621	30.67	78.06	10.357	1.7317
1.600	0.501	24.74	74.14	8.949	1.5808
1.700	0.407	20.12	67.11	7.801	1.4499
1.800	0.372	18.40	64.36	8.155	1.4853
1.900	0.344	17.01	64.44	8.327	1.5346
2.000	0.342	16.88	65.48	8.711	1.6879
2.200	0.327	16.18	65.58	8.019	1.9428
2.400	0.246	12.17	60.08	7.901	1.7442
2.600	0.191	9.42	55.86	7.039	1.5705
2.800	0.149	7.35	55.61	6.392	1.4404
3.000	0.138	6.81	55.61	6.219	1.5314
3.200	0.166	8.21	54.08	6.344	2.1043
3.400	0.144	7.14	52.13	6.931	2.0365
3.600	0.131	6.48	51.15	7.614	2.0690
3.800	0.138	6.83	51.56	8.000	2.4673
4.000	0.148	7.31	52.93	8.056	2.9127

RESPONSE SPECTRUM

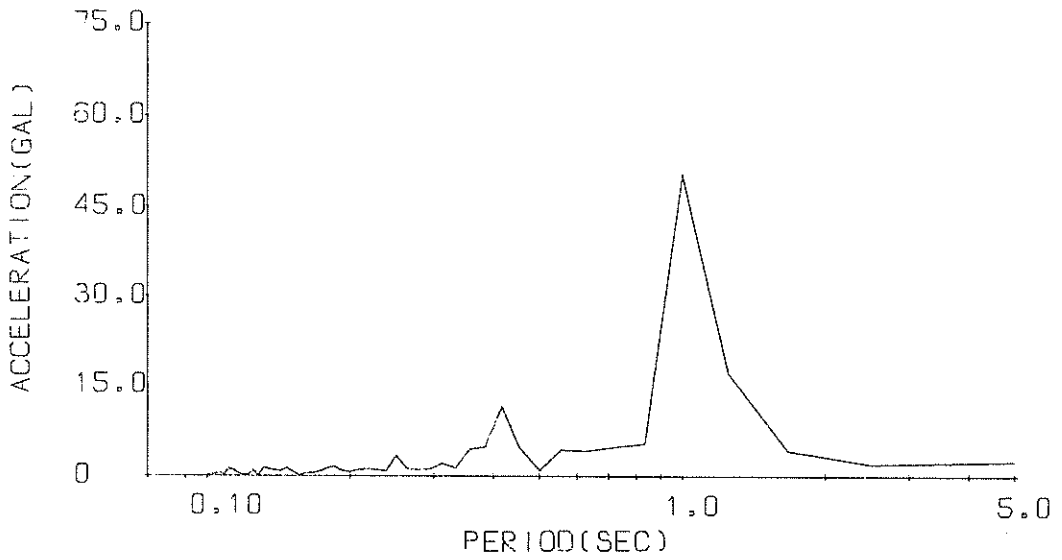
RECORD = S-282 E-W 1968-05-18-08-05 TOKACHIOKIYOSHIN
 STATION = OFUNATO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 24.000(SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 49.40(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELF. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.037	51.24	7.40	0.092	0.0032
0.100	1.243	61.39	14.08	0.384	0.0155
0.150	1.471	72.64	33.55	0.968	0.0410
0.200	1.431	70.70	53.03	1.908	0.0707
0.250	1.563	77.20	62.81	2.344	0.1207
0.300	1.745	86.22	59.35	3.232	0.1943
0.350	2.233	110.32	79.28	5.185	0.3371
0.400	2.584	127.63	107.01	6.811	0.5088
0.450	2.122	104.85	97.92	6.890	0.5271
0.500	1.426	70.43	78.12	5.775	0.4374
0.550	1.549	76.50	70.78	5.415	0.5793
0.600	1.669	82.47	56.63	5.972	0.7424
0.650	1.893	93.51	73.41	7.692	0.9871
0.700	2.211	109.23	87.02	10.436	1.3362
0.750	2.320	114.58	86.43	11.952	1.6087
0.800	2.191	108.21	94.29	12.521	1.7250
0.850	2.100	103.75	107.12	13.253	1.8678
0.900	2.136	107.99	120.92	14.219	2.1727
0.950	2.408	118.97	136.90	16.603	2.6585
1.000	2.662	131.49	142.16	20.566	3.2626
1.100	2.396	118.35	140.72	21.386	3.5500
1.200	1.269	77.50	114.60	17.021	2.7519
1.300	1.089	53.80	100.64	12.977	2.2280
1.400	0.831	41.05	84.66	10.839	1.9705
1.500	0.612	30.24	77.41	9.411	1.6574
1.600	0.490	24.22	72.97	8.002	1.4826
1.700	0.406	20.05	68.70	7.993	1.3818
1.800	0.365	18.02	66.10	7.822	1.4036
1.900	0.348	17.17	65.10	7.916	1.4881
2.000	0.333	16.47	64.85	7.990	1.5789
2.200	0.297	14.66	65.70	7.434	1.6901
2.400	0.237	11.69	60.34	7.361	1.5889
2.600	0.181	8.96	57.45	6.857	1.3835
2.800	0.156	7.71	56.29	6.328	1.3603
3.000	0.141	6.90	55.59	6.137	1.4019
3.200	0.137	6.79	54.51	6.343	1.6016
3.400	0.132	6.54	53.37	6.746	1.7102
3.600	0.118	5.84	52.75	7.123	1.6914
3.800	0.120	5.92	52.85	7.325	2.0559
4.000	0.124	6.14	53.52	7.315	2.3389

S-282 N-S

TSK=27.00

TUS=5.00

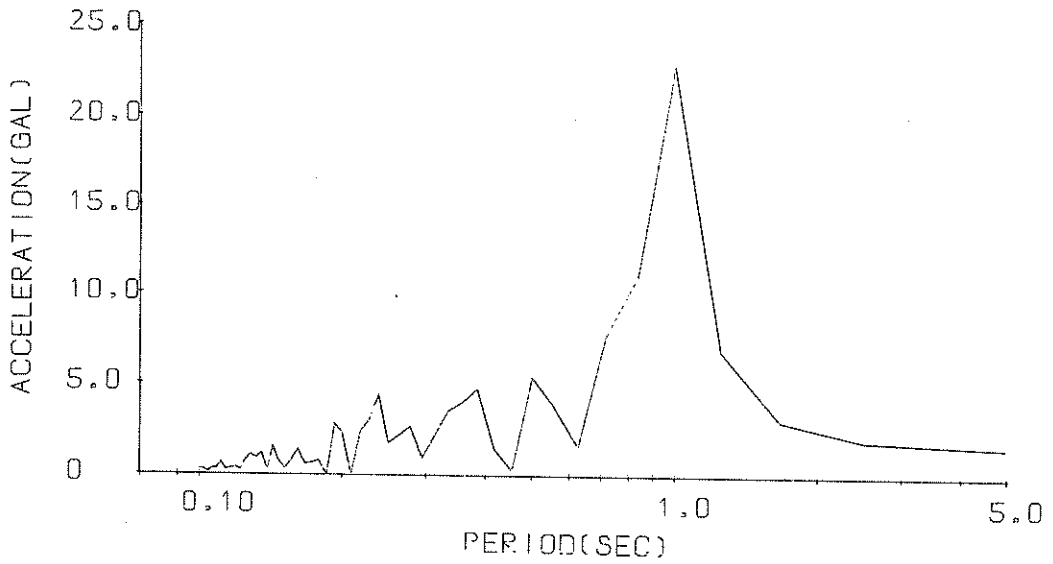


Fourier Spectrum

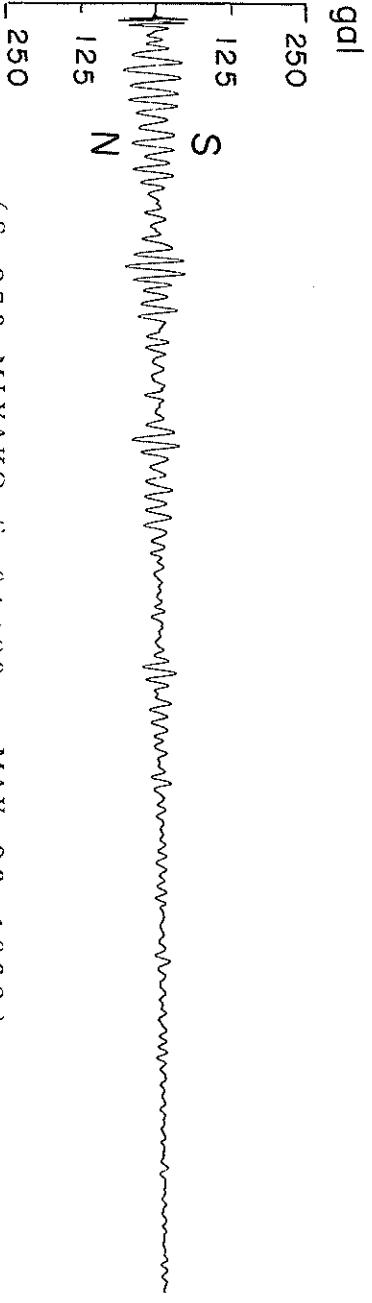
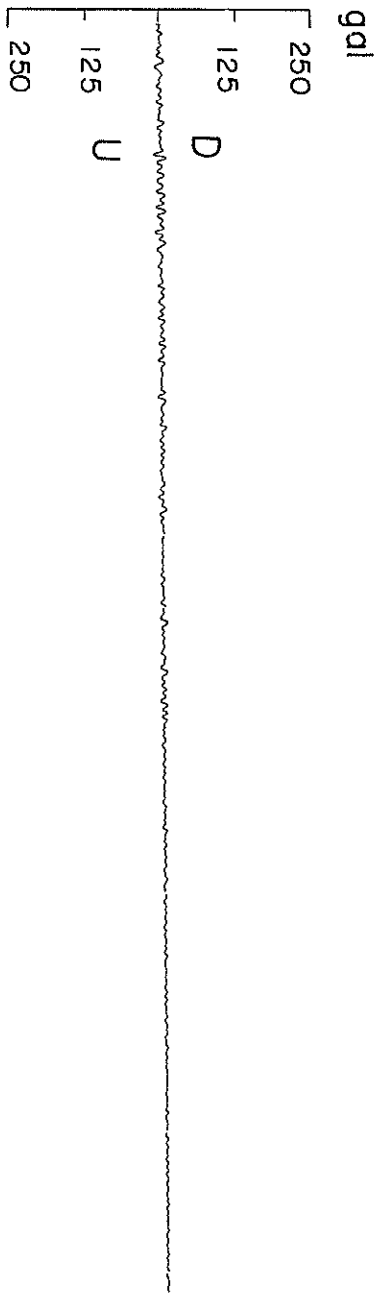
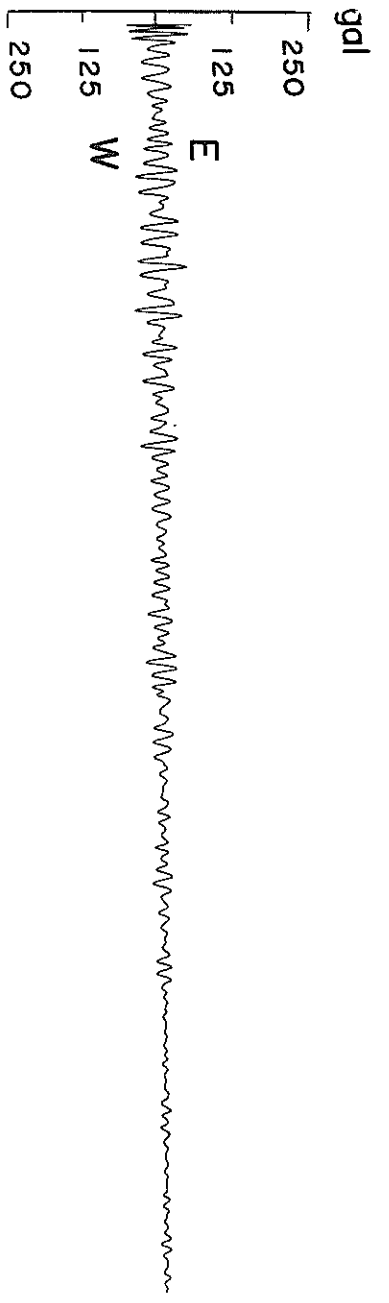
S-282 E-W

TSK=29.00

TUS=5.00



Fourier Spectrum



(S-273, MIYAKO-S, 04:29 on MAY 23, 1968)

RECORD=S-273 COMPONENT=N-S SIGNAL=GR,ACC, CORRECTION=ARC,ERR, STATION=HIYAKO-S
 DATE AND TIME=1968-05-23-04-29 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 2500

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-38.75	-35.90	35.00	0.00	-33.63	5.89	24.06	23.14	13.20	-5.90
2	-16.00	-35.66	34.59	3.52	-25.76	3.90	25.24	21.68	15.06	-5.91
3	31.18	-31.65	31.37	12.30	-14.68	3.20	25.28	19.24	11.84	-7.10
4	-22.72	-19.11	22.48	24.37	1.40	1.89	23.57	13.35	9.86	-7.10
5	-45.49	-9.70	10.73	28.28	7.90	-12.09	20.28	-0.00	7.80	-7.07
6	-23.89	0.00	-3.36	31.23	15.46	-17.90	11.45	-9.37	7.89	-3.89
7	12.99	12.27	-26.80	29.45	24.15	-17.50	6.56	-17.98	7.19	-1.60
8	41.65	23.77	-36.84	27.58	26.13	-11.78	-25.19	-19.01	5.90	0.00
9	36.99	29.63	-43.11	24.56	27.55	7.80	-33.94	-17.88	5.79	3.63
10	12.82	38.39	-39.86	15.50	27.73	0.00	-35.71	-17.24	3.89	5.63
11	-34.26	42.36	-33.47	11.59	25.67	3.92	-34.37	-11.81	1.90	9.90
12	-35.50	42.29	-24.83	1.50	14.94	9.98	-29.95	-8.81	1.80	9.90
13	-19.42	35.81	-17.25	-5.62	5.86	13.86	-20.76	1.90	1.90	9.90
14	0.00	24.34	-7.66	-22.86	-0.00	15.20	-9.66	7.95	1.90	9.90
15	12.23	13.35	10.28	33.33	-8.10	15.14	1.91	12.00	1.20	9.89
16	21.90	-0.00	27.55	37.90	-21.73	13.82	14.56	15.29	-3.11	9.23
17	21.51	-12.63	35.90	-37.66	-23.56	11.82	29.83	16.93	-9.99	5.48
18	15.75	-37.47	35.37	-35.55	-21.57	9.17	39.95	15.90	-13.98	1.90
19	12.76	-47.59	32.35	-39.25	-18.85	7.59	43.11	15.86	-15.90	-0.00
20	3.59	-49.71	26.45	-19.11	-10.72	1.40	41.90	14.75	-15.79	-8.8
21	-1.80	-49.90	22.07	-9.66	0.00	-7.90	37.03	7.48	-13.82	-7.82
22	-3.40	-47.94	11.40	1.91	3.93	-7.90	23.60	-10.12	-11.72	-9.51
23	-3.71	-41.42	11.91	11.67	13.20	-7.90	7.42	-20.21	-5.86	-9.79
24	-7.93	-31.33	-14.35	-23.97	13.30	-23.70	-14.56	-23.70	0.00	-9.18
25	-9.94	-19.87	-24.98	25.90	13.08	-5.58	-29.65	-25.90	5.95	-7.99
26	-11.89	0.00	-31.90	25.90	9.74	-1.90	-41.04	-25.35	12.02	-7.19
27	-11.18	18.63	-28.88	25.34	1.90	0.	-45.92	-21.49	15.90	-6.50
28	0.00	25.19	-15.88	20.80	0.00	0.	-40.59	-17.13	15.90	-5.99
29	3.92	34.92	-18.86	10.94	7.32	0.	-31.83	-7.10	15.86	-4.98
30	11.41	39.14	-15.58	1.40	-9.44	0.00	-19.06	10.12	15.04	-2.10
31	11.70	41.90	-9.48	-9.05	-11.71	1.20	-9.13	20.60	11.55	0.00
32	11.43	41.90	1.40	-11.96	-12.05	1.70	0.00	27.90	-0.00	2.41
33	5.37	40.50	7.97	-13.98	-13.54	1.90	20.63	30.29	-10.08	9.03
34	-0.00	34.21	13.18	-15.90	-9.39	3.41	29.74	31.48	-17.89	10.63
35	-7.93	22.32	17.90	-15.76	-3.89	5.90	40.72	29.17	-17.66	11.70
36	-9.97	11.25	17.88	-13.14	0.	5.87	42.70	25.35	-16.79	11.65
37	-13.03	-10.12	17.45	-8.75	0.00	1.50	35.16	21.05	-11.78	10.05
38	-10.91	-20.40	15.22	1.60	-1.60	-7.95	25.69	12.55	-7.85	7.70
39	0.00	-27.02	13.21	10.02	1.90	-10.16	13.29	-0.00	-3.79	7.40
40	9.87	-35.87	3.39	15.39	1.90	-21.36	-1.41	-12.46	0.00	7.40
41	13.42	-38.53	-1.40	17.18	3.20	-21.85	-15.91	-28.12	1.91	7.40
42	21.27	-38.62	-7.95	19.90	3.20	-21.17	-29.39	-29.20	9.84	7.36
43	21.87	-32.51	-12.16	19.90	1.90	-18.34	-35.90	-28.97	11.90	3.89
44	20.88	-20.31	-20.20	19.52	1.90	-9.70	-32.20	-26.96	11.88	0.30
45	13.47	-9.23	-23.76	14.95	1.90	0.00	-18.92	-20.95	11.06	-8.06
46	3.07	0.00	-27.08	9.78	3.91	5.44	-7.30	-11.72	5.87	-12.85
47	-9.92	12.23	-26.46	3.85	5.91	12.07	-1.51	-5.75	1.70	-19.70
48	-20.85	22.98	-22.72	-10.34	7.09	17.46	14.25	1.20	-1.40	-19.55
49	-30.71	31.86	-16.61	-29.39	5.90	21.38	22.02	3.93	-5.10	-17.50
50	-34.41	34.17	-5.86	-35.82	5.90	23.10	23.12	11.94	-5.40	-11.78

RECORD=S-273 DATE AND TIME	COMPONENT=N-S 1968-05-23-04-29	SIGNAL=GR.ACC. INTERVAL=0.0101(SEC)	CORRECTION=ARC.ERR. FORMAT NO.=301	STATION=MIYAKO-S TOTAL NUMBER OF DATA= 2500				
NO.	(500)	(600)	(700)	(750)	(800)	(850)	(900)	(950)
1	-7.82	10.30	-9.86	1.00	3.70	-25.58	17.77	3.10
2	-1.76	-0.00	-9.53	1.50	2.10	-27.26	15.79	1.80
3	-11.51	10.40	-7.80	1.50	0.20	-23.63	13.50	-0.00
4	22.98	10.40	0.00	1.90	0.20	-23.63	13.50	-0.00
5	7.41	10.37	5.94	1.30	0.	-20.70	3.88	-3.91
6	33.15	8.91	-13.89	-0.00	0.	-11.59	1.10	-7.93
7	-59.78	8.91	-13.89	-0.00	0.	-11.59	1.10	-7.93
8	40.01	3.49	15.34	-1.40	0.	-1.30	-7.98	-9.90
9	-35.21	-0.00	19.90	-3.90	0.	5.45	-14.07	-9.90
10	26.39	-7.17	19.68	1.90	0.00	14.25	-17.77	-9.86
11	-16.74	-13.19	17.19	3.50	1.20	22.25	-15.66	-7.89
12	3.20	-18.14	15.12	-3.90	1.40	25.30	-11.33	-7.18
13	3.10	2.28	3.50	-3.89	1.40	25.30	-11.33	-7.18
14	3.00	24.12	5.87	-1.70	1.80	25.62	-8.87	-5.59
15	3.00	30.01	1.40	-0.50	1.80	23.66	-1.40	-3.99
16	3.10	33.40	-3.92	0.00	0.	20.95	-1.60	0.00
17	1.90	-9.99	-1.50	1.40	-0.00	11.59	0.00	1.50
18	32.85	-7.65	14.14	2.40	-1.90	1.30	3.41	3.52
19	29.96	-4.09	-19.64	3.80	-5.90	-10.08	5.93	9.90
20	24.27	0.00	-22.44	3.70	-5.90	-18.18	9.93	9.89
21	14.59	5.05	-23.33	2.20	-5.90	-21.90	11.07	9.14
22	2.19	11.53	-20.83	1.30	-5.89	-21.69	9.86	5.89
23	-10.11	16.14	-16.01	7.20	-5.09	-19.02	7.85	3.89
24	-3.90	21.90	-10.76	-6.00	-3.30	-9.78	3.89	1.80
25	-3.39	21.70	-4.60	-6.50	-1.90	-3.88	1.80	-0.00
26	0.	19.57	3.81	-6.18	-0.90	-3.88	1.80	-0.00
27	0.00	15.75	8.35	-3.79	-1.80	1.70	-5.84	-3.90
28	3.91	12.61	11.51	1.40	-1.00	7.45	-11.37	-3.89
29	7.02	1.89	11.90	1.90	0.00	11.41	-13.97	-3.89
30	-13.32	-7.97	11.90	5.83	1.20	12.96	-15.41	-1.90
31	9.00	-6.25	11.90	-5.92	1.20	12.96	-11.84	-1.70
32	8.98	0.00	11.89	-8.50	5.90	11.99	-9.86	-1.70
33	7.87	3.82	11.89	-8.47	5.90	11.88	-7.82	-1.90
34	5.88	9.35	11.54	-6.48	5.88	3.88	-1.90	-3.40
35	3.09	11.96	9.53	4.98	3.39	-1.40	3.41	-3.80
36	-0.00	13.90	3.20	0.60	-0.00	-5.92	7.93	-3.90
37	-5.93	13.90	-3.70	0.60	-0.00	-5.92	7.93	-3.90
38	-12.08	13.83	1.10	-3.92	-5.91	-3.90	9.90	-3.90
39	-17.90	-7.24	-10.73	-10.73	-7.90	-8.98	9.90	-3.89
40	-11.66	-1.90	-6.43	-11.91	-7.90	-8.98	9.90	-3.89
41	-17.90	3.21	-9.64	-12.07	-7.87	-5.88	9.90	-1.50
42	-17.90	7.45	-11.79	-11.03	-5.88	-3.70	9.89	0.
43	-17.77	1.90	-11.27	-8.22	-3.29	-3.40	9.51	0.
44	16.33	11.90	0.00	-2.60	0.00	-3.90	5.08	1.90
45	24.06	-7.44	-10.05	0.	0.00	-5.90	1.90	3.90
46	25.30	-13.80	-7.80	3.80	7.95	-5.90	-0.00	3.90
47	25.90	-1.30	2.60	0.50	11.90	-5.90	-0.00	3.90
48	25.90	-13.72	3.89	3.30	11.90	-5.90	-5.33	5.89
49	24.57	-11.80	5.02	3.30	11.95	-5.89	-9.51	5.19
50	15.00	7.43	8.40	4.00	13.71	-3.89	-9.90	3.59
			8.40	4.00	13.82	-1.90	-9.90	-1.10
			8.38	3.90	11.64	0.00	-7.95	-1.10
			7.27	3.40	3.19	3.72	-7.95	-1.10
			4.19	3.90	-0.00	9.99	-1.90	-11.86
			1.90	4.00	-11.79	13.98	1.70	-14.93
			0.60	4.00	-21.60	15.91	3.10	-16.54

RECORD=N-273 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=MIYAKO-S DATA= 2500
 DATE ANU TIME=1968-05-23-04-29 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-9.11	-9.65	-1.10	7.58	-1.90	3.80	-3.70	-1.70	0.00	0.00
2	-3.88	-6.97	-1.10	5.89	0.	3.90	-3.70	-1.00	1.80	1.10
3	1.00	-3.69	0.	5.19	0.	3.90	-3.70	0.	3.90	1.70
4	5.94	0.	0.00	3.00	0.00	3.90	-3.69	0.	3.89	1.90
5	11.92	0.	1.20	1.20	0.00	3.80	0.	0.00	1.90	1.90
6	15.70	0.00	1.20	-0.00	1.38	3.09	0.00	3.20	1.90	3.00
7	15.69	1.10	1.60	-1.90	1.38	0.	1.20	3.20	1.90	3.00
8	15.48	1.10	1.60	-3.80	1.30	0.	1.90	5.20	0.00	1.90
9	12.96	1.10	1.00	-3.20	1.90	-3.91	3.50	5.91	-1.90	1.50
10	3.89	1.10	-0.00	-1.50	1.90	-7.93	3.90	7.19	-3.90	0.00
11	-0.00	1.10	-3.30	-1.00	1.90	-9.94	3.90	5.90	-3.90	-0.00
12	-5.73	1.10	-3.40	0.00	3.40	-11.60	3.90	5.29	-3.90	-1.90
13	-9.70	0.00	-3.40	1.20	3.50	-11.55	3.90	3.50	-3.30	-3.50
14	-9.94	1.90	-1.90	1.90	1.90	-9.67	3.10	1.70	-1.90	-5.40
15	-11.74	-1.10	-1.10	3.40	1.10	-3.49	1.90	-0.00	0.	-5.29
16	-9.84	-1.90	0.00	3.90	1.00	0.00	-0.00	-3.91	0.00	-3.90
17	-7.09	-1.90	1.10	3.69	0.	3.82	-1.80	-5.49	1.20	-3.09
18	-5.88	-1.90	3.20	1.90	0.	9.94	-5.90	-3.89	1.70	0.
19	-3.69	-1.90	6.90	1.00	0.	11.90	-5.87	-1.90	3.30	0.00
20	-1.20	-1.90	4.99	-1.99	-0.00	11.90	-1.90	-1.60	3.60	1.50
21	0.	-1.10	3.90	-5.91	-1.80	11.90	-1.90	0.00	3.90	1.90
22	0.	-1.10	3.20	-7.60	-3.10	11.72	-1.60	1.80	3.90	1.90
23	0.00	0.	1.90	-7.90	-3.20	5.79	-1.60	3.61	3.90	1.90
24	1.50	0.	-0.00	-7.89	-3.20	3.89	0.	5.90	3.90	3.00
25	1.90	0.	-1.10	-7.04	-1.90	1.00	0.	5.89	3.90	1.60
26	3.20	0.	-5.41	-1.10	-1.50	1.70	0.	3.90	3.89	0.
27	3.60	-0.00	-7.20	1.80	-1.10	-5.90	0.	2.99	1.90	0.
28	3.80	-3.20	-7.10	1.90	-1.00	-5.91	-0.00	-0.00	0.	0.
29	1.50	-1.90	-7.06	7.60	0.	-7.20	-1.50	-1.70	-0.00	0.00
30	0.	-7.99	-6.59	7.68	0.	-7.07	-1.90	-5.91	-3.70	1.00
31	-0.00	-7.11	0.	7.68	0.	-3.89	-1.90	-6.99	-3.90	1.00
32	-1.90	-7.90	0.00	5.88	0.	-1.90	-1.20	-5.90	-3.40	1.00
33	-3.91	-7.87	3.31	3.00	0.00	-1.90	0.00	-5.28	-1.90	1.20
34	-6.00	-5.87	5.91	3.00	1.60	0.	0.00	-1.40	-1.40	1.10
35	-3.90	-1.90	7.38	1.10	1.90	0.	1.40	0.00	0.	0.
36	-5.00	0.	5.59	-7.12	1.90	0.00	1.90	0.00	0.	0.
37	-5.88	0.00	3.90	-9.10	1.90	1.90	5.10	1.90	0.	0.
38	-3.09	1.50	2.99	-9.15	1.30	4.99	3.89	3.91	0.00	0.00
39	0.00	1.50	-0.00	-7.85	0.00	3.90	3.89	5.90	1.00	-0.00
40	1.90	1.50	-5.22	-3.89	-3.40	3.90	1.90	5.90	1.20	-1.90
41	5.30	1.60	-7.92	0.00	3.50	3.90	1.90	5.89	1.20	-1.90
42	5.80	1.60	-9.10	1.50	-3.50	3.50	1.90	5.08	0.	-1.90
43	5.29	1.60	-9.08	3.21	-1.90	1.90	-1.90	1.20	0.	0.
44	3.89	0.	-7.85	5.90	-5.19	0.	-1.90	0.	0.	0.
45	1.60	-0.00	-3.89	5.90	-3.89	-0.00	-5.90	-5.92	0.	0.
46	0.	-1.10	-2.40	5.87	-1.90	-3.90	-5.90	-9.21	-0.00	0.
47	-0.00	-1.10	0.00	1.90	-1.90	-3.90	-5.49	-9.90	-1.90	0.
48	-7.15	-1.10	1.00	-0.00	0.	-3.90	-3.90	-9.86	-1.90	0.
49	-9.70	-1.10	5.31	-0.00	0.	-3.90	-3.50	-7.82	-1.50	0.00
50	-9.70	-1.10	7.60	-1.99	1.90	-3.70	-1.90	-1.90	1.40	1.40

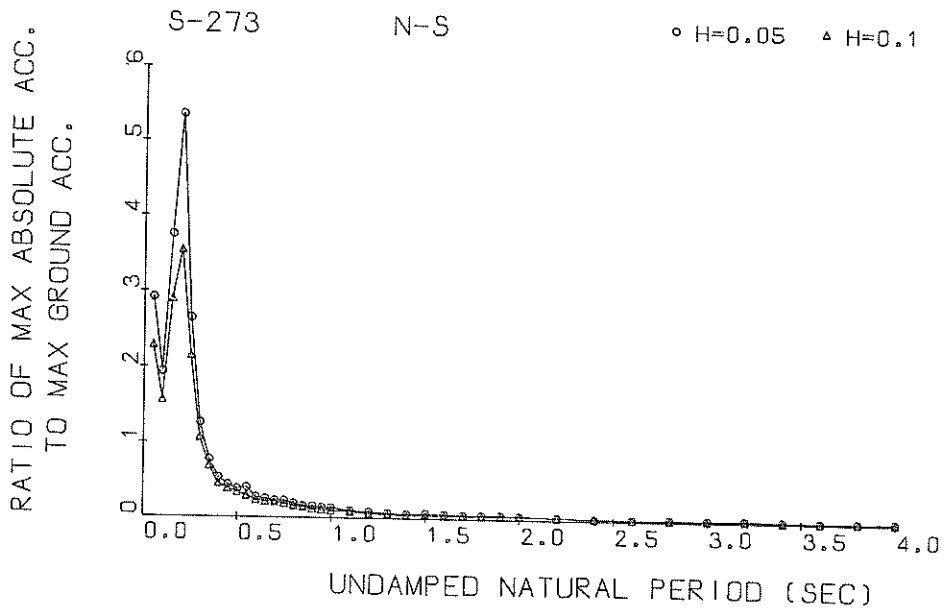
RECORD=S-273 COMPONENT=E-H SIGNAL=EGR.ACC. CORRECTION=ZFPO.ABC STATION=MIYAKO-S
 DATE AND TIME=1968-05-23-04-29 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA= 2450

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-27.62	-16.47	17.30	-12.55	-3.47	3.87	16.15	-12.74	7.17	2.90
2	-22.27	-11.23	13.87	-9.00	3.47	12.00	12.23	-15.81	6.48	7.73
3	4.57	-8.90	8.03	0.53	15.86	20.95	2.44	-15.23	6.47	10.80
4	22.93	1.91	18.81	13.81	27.19	27.77	-18.11	-13.04	5.86	11.62
5	39.65	12.85	-3.39	18.69	30.13	33.72	-18.11	-10.28	4.47	12.78
6	23.52	14.40	-4.88	25.63	30.09	31.80	-24.64	-3.63	3.47	12.89
7	1.17	21.09	-3.79	24.50	29.54	25.79	-28.15	-0.54	3.47	13.30
8	-36.84	22.90	-2.09	15.61	27.47	15.88	-29.15	9.95	3.47	13.89
9	-35.55	22.90	2.01	3.10	25.32	3.12	-28.41	14.39	5.58	14.20
10	-17.14	22.70	7.84	-3.10	22.71	-4.40	-23.29	21.88	7.35	14.70
11	30.64	20.78	10.40	-11.39	16.74	-12.73	-11.38	24.04	6.05	15.28
12	51.27	17.48	10.38	-18.52	12.13	-20.32	1.55	25.42	4.75	13.20
13	51.21	14.23	9.65	-18.38	3.30	-24.12	16.78	25.98	2.44	3.85
14	33.19	8.54	7.16	-11.74	-3.81	-25.17	30.22	26.82	-10.67	-0.54
15	1.47	5.75	3.59	-9.79	-11.35	-24.81	41.73	27.09	-7.85	-10.54
16	-14.00	1.28	0.29	-0.30	-20.93	-21.35	45.35	25.07	-8.35	-19.08
17	-34.94	-8.20	-0.51	9.87	-23.61	-11.68	41.49	17.21	-8.17	-22.19
18	-35.31	-13.79	-2.01	13.31	-27.65	-0.28	34.56	10.67	-2.64	-24.19
19	-31.33	-20.24	-2.61	16.29	-24.42	7.51	25.85	0.04	4.58	-22.86
20	-18.98	-21.46	-3.91	19.50	-20.27	15.27	12.97	-13.02	11.76	-19.86
21	3.64	-21.50	-3.92	19.49	-10.61	24.55	3.68	-25.80	19.28	-11.16
22	27.15	-18.11	-4.62	13.40	0.60	30.09	-9.35	-32.51	25.22	-0.85
23	31.51	-12.24	-4.71	18.05	10.04	32.62	-18.72	-34.47	30.74	4.18
24	31.05	-0.83	-1.62	14.66	16.40	32.27	-24.72	-32.16	30.31	13.31
25	25.39	3.59	-0.12	11.86	18.00	28.70	-28.65	-22.00	27.40	22.72
26	14.34	11.06	2.59	4.76	17.82	22.81	-27.09	-11.61	20.63	25.09
27	7.50	14.60	12.22	-0.12	15.90	13.50	-26.23	3.25	11.48	26.04
28	2.75	17.78	13.72	-3.74	11.52	8.20	-10.41	14.98	3.01	25.88
29	-0.55	21.15	14.77	-9.40	9.02	1.20	-10.41	29.49	-8.32	23.96
30	-6.19	23.98	14.66	-18.31	5.39	-6.07	-2.68	38.20	-11.76	16.80
31	-10.70	24.86	12.04	-18.25	5.09	-14.62	3.63	39.71	-21.12	12.85
32	-12.56	24.80	1.96	-19.66	6.41	-19.46	10.81	38.54	-23.45	5.00
33	-12.45	23.41	-2.14	-17.35	9.80	-23.86	14.98	33.97	-23.00	-0.87
34	-9.00	15.12	-6.18	-10.20	10.88	-26.25	16.49	25.92	-19.88	-5.98
35	-0.36	4.92	-10.94	-0.33	10.88	-24.85	14.48	14.48	-10.05	-6.77
36	2.95	-0.95	-10.94	12.58	10.78	-20.67	15.18	3.59	0.22	-6.73
37	12.45	-6.19	-10.83	19.31	10.77	-9.42	12.97	-0.70	11.52	-1.87
38	16.18	-10.88	-9.92	26.01	10.75	0.48	12.38	-9.15	21.75	1.52
39	22.05	-11.69	4.69	29.66	9.94	13.26	11.99	-12.32	22.11	2.62
40	23.03	-12.60	8.62	33.67	8.62	18.08	11.99	-15.76	21.55	5.02
41	22.52	-10.84	16.27	31.32	5.54	20.81	12.03	-14.92	16.28	5.01
42	18.01	-10.01	18.48	25.38	1.86	21.05	13.45	-11.21	12.26	3.81
43	13.35	-7.73	20.17	20.04	-1.94	19.66	15.03	-7.79	4.87	2.91
44	4.08	-5.15	18.83	3.03	-5.87	17.17	13.92	0.79	-0.80	1.01
45	-7.33	-2.57	12.40	-10.26	-9.87	15.67	12.28	10.41	-5.90	-0.89
46	-11.78	-0.17	5.50	-19.59	-11.24	15.68	9.28	11.39	-6.30	-2.59
47	-8.39	4.86	0.04	-26.7	-3	6.06	3.97	.37	-5.99	-3.89
48	-21.06	12.28	-6.22	-33.20	-10.68	17.66	2.46	10.85	-3.60	-3.99
49	-21.83	14.05	-12.48	-33.03	-7.86	17.57	-5.75	9.45	-0.71	-1.20
50	-21.65	19.09	-12.96	-27.28	-1.15	17.58	-8.99	7.87	-0.01	1.40

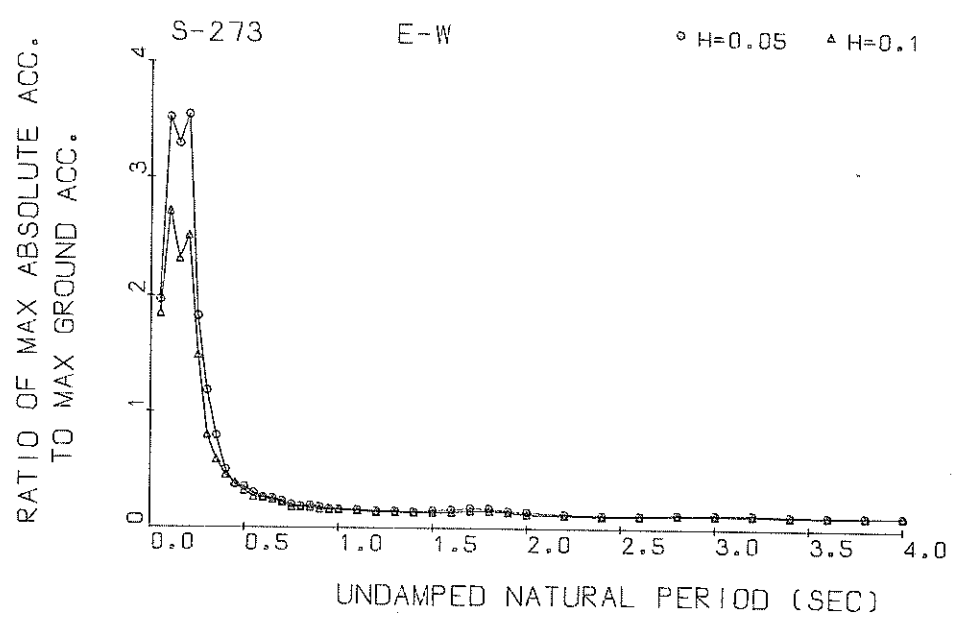
RECORD=S-273
 DATE AND TIME=1968-05-23-04-29
 COMPONENT=E-H
 SIGNAL=GR,ACC.
 CORRECTION=ZERO,ARC
 FORMAT NO.=301
 STATION=HIYAKO-S
 TOTAL NUMBER OF DATA= 2450

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	2.91	-12.35	-12.24	0.03	-11.84	10.06	-3.04	-14.28	-2.32	11.56
2	8.76	-23.10	-9.87	-2.28	-13.07	10.55	-4.24	-13.08	-2.32	10.43
3	12.64	-26.66	0.11	-4.28	-7.94	10.51	-3.24	-8.90	0.33	8.10
4	13.93	-28.40	8.17	-4.38	0.93	9.03	-1.45	-1.14	1.37	2.18
5	14.80	-25.94	12.36	-4.38	10.19	8.23	1.75	7.04	5.19	0.13
6	14.98	-18.88	13.90	-4.57	12.67	7.64	6.03	14.54	7.89	-1.93
7	15.68	-8.88	15.91	-2.28	13.85	7.66	6.75	18.74	9.77	-7.97
8	15.55	3.52	14.28	-0.28	14.28	9.45	7.13	23.63	9.86	-11.05
9	14.92	14.32	15.58	2.42	13.07	10.35	5.83	24.95	9.86	-12.03
10	13.53	23.77	15.00	3.82	9.01	11.19	3.33	24.60	9.74	-11.97
11	9.56	26.59	12.95	7.72	2.82	13.35	-1.56	21.86	8.75	-9.98
12	3.37	25.20	11.39	8.72	0.22	13.80	-3.98	17.95	8.15	-7.67
13	-0.12	20.75	0.70	9.71	-4.79	13.06	-9.10	10.98	7.34	-2.93
14	-6.54	13.33	-2.61	10.00	-5.38	11.28	-11.31	10.94	5.94	-1.43
15	-8.27	6.92	-6.72	9.91	-3.98	9.45	-9.32	-1.86	3.75	1.86
16	-11.35	1.08	-7.81	10.08	-1.29	0.72	-6.61	-8.33	1.55	2.16
17	-11.97	-3.53	-8.21	9.25	2.01	-5.94	0.13	-12.86	-0.45	2.56
18	-10.02	-7.54	-8.17	6.77	7.97	-13.15	4.04	-12.76	-1.66	2.66
19	-5.11	-9.35	-5.19	4.09	12.33	-14.98	7.89	-9.63	-8.66	3.06
20	-0.34	-10.72	-1.41	2.89	13.24	-16.85	12.96	-5.16	-9.98	4.35
21	10.39	-10.59	1.68	0.99	14.14	-17.89	13.86	-3.16	-10.96	4.46
22	11.58	-8.99	5.71	-0.21	15.00	-17.84	15.15	0.23	-11.01	7.36
23	12.36	-1.03	10.63	-4.12	14.88	-9.33	23.44	2.53	-9.04	7.95
24	12.31	1.57	12.90	-5.30	12.50	-1.09	24.32	2.52	-2.36	8.14
25	10.77	11.42	16.27	-2.51	9.61	7.26	24.13	0.32	2.24	7.93
26	9.22	13.39	16.26	-0.02	0.99	12.71	22.37	-1.78	10.34	7.03
27	7.13	14.20	15.91	3.99	-1.81	18.57	18.22	-3.39	14.95	5.41
28	5.44	14.89	13.00	7.18	-6.93	19.36	11.52	-5.76	17.45	1.34
29	3.44	13.34	10.99	7.16	-8.82	18.72	1.80	-3.28	17.73	-0.76
30	1.65	7.88	4.15	5.76	-9.21	16.47	-8.06	-3.38	17.54	-2.97
31	0.44	2.45	0.86	3.77	-9.09	14.31	-13.10	4.84	14.84	-3.66
32	-0.66	-0.05	-7.08	2.17	-2.01	10.30	-16.17	10.05	13.02	-3.66
33	-6.70	-1.55	-11.24	0.67	3.00	6.44	-22.42	11.78	10.13	-2.17
34	-10.72	-3.15	-11.24	-0.53	10.60	0.39	-22.52	14.21	6.17	-1.57
35	-13.29	-3.05	-11.25	-1.23	11.47	-0.73	-20.86	14.17	0.62	-1.17
36	-13.56	-1.35	-11.27	-1.23	14.80	-8.70	-11.81	13.31	-3.70	0.52
37	-6.01	0.14	-8.59	1.86	15.33	-7.98	-5.46	10.89	-7.84	2.12
38	1.54	1.54	-5.33	3.97	14.38	-5.21	2.60	10.37	-11.74	3.22
39	12.14	3.25	-1.55	6.27	12.43	-3.41	10.75	8.17	-13.39	5.13
40	15.91	7.58	3.36	8.07	11.09	1.28	21.17	7.36	-13.34	6.32
41	24.83	11.28	8.83	9.07	4.44	1.28	24.10	4.29	-10.59	6.42
42	29.10	12.96	13.87	10.06	-1.34	7.14	25.68	2.09	-6.36	5.80
43	30.32	13.50	16.83	10.15	-4.96	12.70	26.27	0.19	-1.61	4.01
44	29.73	12.50	18.06	10.14	-9.31	13.37	25.67	-1.61	-1.60	2.91
45	26.45	5.89	17.02	9.73	-13.05	13.24	21.25	-1.61	2.71	8.36
46	21.23	0.93	16.68	8.53	-13.14	12.40	9.09	-1.61	8.36	2.10
47	12.89	0.23	15.75	1.24	-12.94	10.41	-1.03	-2.32	12.53	0.80
48	9.36	-2.39	14.08	-1.56	-7.26	8.15	-5.07	-2.32	13.59	0.90
49	1.21	-11.21	12.60	-2.97	0.05	0.26	-12.14	-2.32	13.59	0.60
50	-0.49	-12.28	6.08	-10.00	2.26	-1.44	-12.69	-2.32	13.51	0.60

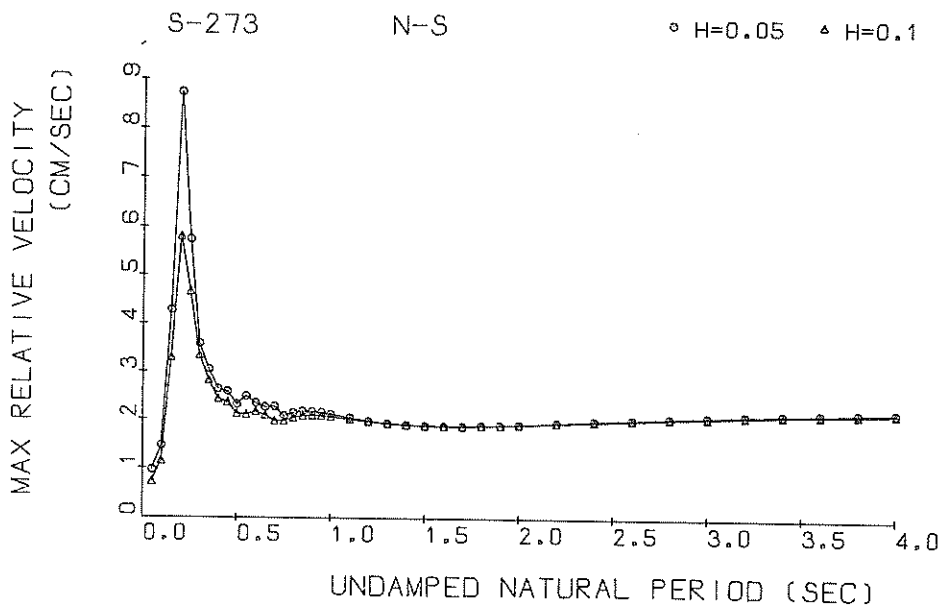
NO.	STATION=MIYAKO-TS TOTAL NUMBER OF DATA= 2450									
	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	0.60	2.01	5.58	5.63	3.53	7.58	-0.44	4.57	5.36	7.28
2	0.50	4.01	-0.08	5.63	1.73	2.64	1.05	4.97	5.37	7.18
3	0.69	4.00	-1.99	7.12	1.23	1.54	1.55	5.16	5.37	7.16
4	0.49	4.00	-5.90	7.20	-0.27	-0.36	1.55	5.25	5.37	5.58
5	4.00	4.00	-7.91	7.20	-0.87	-0.36	1.55	3.46	4.86	5.48
6	-0.61	4.00	-9.17	5.60	-2.17	-0.26	1.55	3.37	3.37	4.97
7	-0.61	3.49	-7.65	3.91	-2.17	-0.27	1.55	1.46	2.86	3.77
8	-0.62	1.99	-3.88	2.91	-2.17	-0.27	1.54	1.15	-0.64	2.77
9	-1.82	-0.31	-0.10	1.01	-0.28	-0.27	1.54	-1.05	-2.54	1.77
10	-1.82	-1.91	5.94	-4.00	1.02	-0.27	1.54	-2.95	-4.14	-0.43
11	-1.82	-1.91	11.15	-5.79	1.72	-0.27	1.54	-2.45	-4.44	-2.53
12	-1.82	-0.61	13.12	-5.98	3.72	-1.07	1.54	-2.45	-4.44	-2.53
13	-0.03	-0.02	13.89	-4.00	5.23	0.72	1.53	-1.15	-4.44	-2.63
14	0.67	-0.02	13.89	-3.49	7.63	1.62	1.53	0.74	-4.14	-1.44
15	1.87	1.68	13.89	-2.10	8.91	3.22	1.23	2.64	-2.55	-1.04
16	4.89	1.98	13.79	1.50	8.91	3.62	-0.47	4.84	-1.25	-0.74
17	8.17	3.98	11.28	7.12	8.88	3.61	-0.47	4.94	1.05	-0.04
18	8.57	5.89	3.87	9.49	7.58	0.91	0.92	5.03	3.35	3.66
19	8.76	7.97	-2.02	9.49	5.66	-0.39	0.92	5.03	3.35	3.26
20	8.65	7.96	-12.02	9.56	-0.30	-0.39	1.82	3.43	7.36	4.65
21	8.24	7.03	-15.02	5.77	-2.21	-0.39	1.82	2.53	9.34	4.95
22	6.75	3.95	-14.95	3.78	-6.12	-0.39	3.52	3.22	9.34	4.65
23	5.74	-0.04	-13.39	1.78	-8.13	0.81	3.51	-0.57	9.32	4.54
24	4.04	-5.87	-9.85	-0.22	-9.71	1.60	3.51	-0.68	8.36	3.24
25	1.75	-9.84	-5.90	-2.12	-9.64	3.50	3.51	-0.68	3.52	2.74
26	1.05	-9.84	-2.03	-2.12	-6.08	4.80	3.11	-0.78	-2.57	1.24
27	-1.85	-9.79	-0.23	-2.12	-2.21	4.90	3.10	-0.68	-2.97	1.24
28	-3.66	-7.09	3.58	-2.13	1.69	4.90	1.51	-0.58	-2.97	1.24
29	-5.56	-1.94	9.90	-2.13	5.71	4.89	1.50	-0.58	-2.97	1.24
30	-5.75	1.85	11.86	-2.13	9.55	3.59	1.50	-0.58	-2.97	1.24
31	-4.05	5.98	11.86	-2.13	11.68	3.59	0.40	1.41	-0.98	1.23
32	-1.86	9.85	11.84	-0.23	11.67	2.69	-0.50	1.41	0.82	1.23
33	4.05	9.84	11.07	1.57	7.64	1.59	-0.50	1.41	2.72	1.23
34	8.06	9.71	7.80	2.97	4.75	1.59	-0.51	1.41	3.32	1.23
35	10.06	7.92	3.84	4.87	4.75	1.58	-0.51	0.80	4.92	1.22
36	11.13	5.91	1.25	5.76	-0.33	1.58	-0.51	-0.60	5.01	2.32
37	11.10	1.94	-0.25	5.76	-3.24	1.58	-0.51	-1.10	4.91	2.92
38	9.85	-0.36	-2.05	5.75	-7.96	2.98	1.49	-1.10	5.00	3.22
39	5.99	-1.97	-3.06	5.25	-10.03	3.58	1.49	-1.10	3.31	3.22
40	2.02	-1.97	-3.06	3.25	-8.10	3.57	1.49	-1.10	2.40	4.42
41	-0.68	-1.97	-2.06	3.25	-5.52	3.57	1.49	-1.10	1.80	4.41
42	-3.38	-1.97	-0.86	1.75	-2.24	3.48	1.49	-0.61	1.30	4.41
43	-5.18	-1.97	-0.86	1.75	-0.24	3.48	1.49	-0.61	0.50	4.41
44	-5.08	-0.07	-0.16	1.75	0.24	1.57	3.48	0.49	-2.60	3.21
45	-3.58	1.73	1.33	3.54	7.00	1.27	2.58	0.49	-4.41	2.61
46	-1.89	7.72	1.83	3.64	10.76	0.43	1.48	1.19	-6.40	2.31
47	0.01	7.72	3.53	3.34	10.85	-2.34	1.27	1.39	-6.29	1.20
48	0.01	7.69	3.83	3.54	10.77	*1.24	1.17	3.09	-4.49	0.80
49	0.01	7.69	3.83	3.54	10.77	*1.24	1.07	5.38	-0.31	-0.80
50	0.01	7.69	3.83	3.54	10.77	-0.54	3.17	5.38	1.69	-0.80
									5.10	-0.90



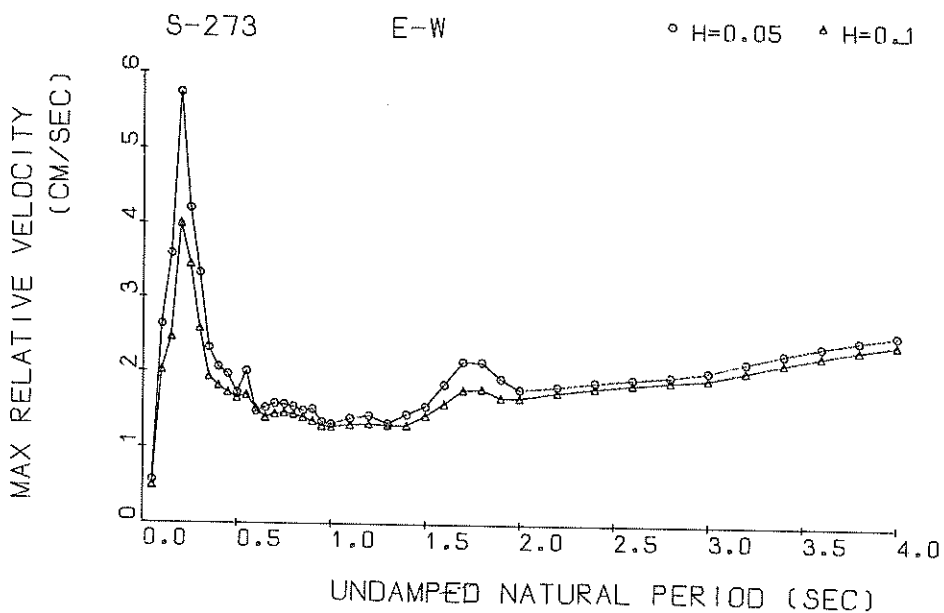
Response Spectra



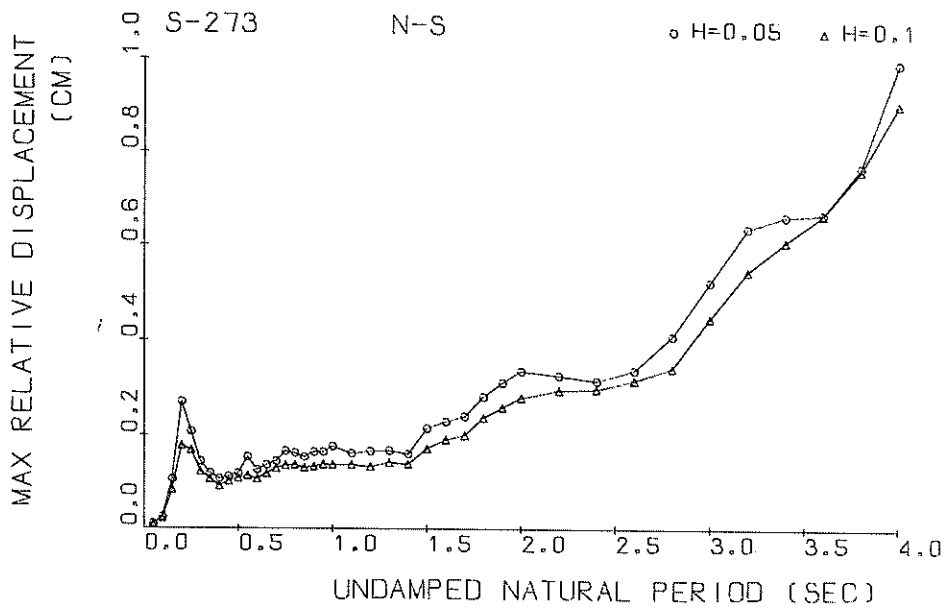
Response Spectra



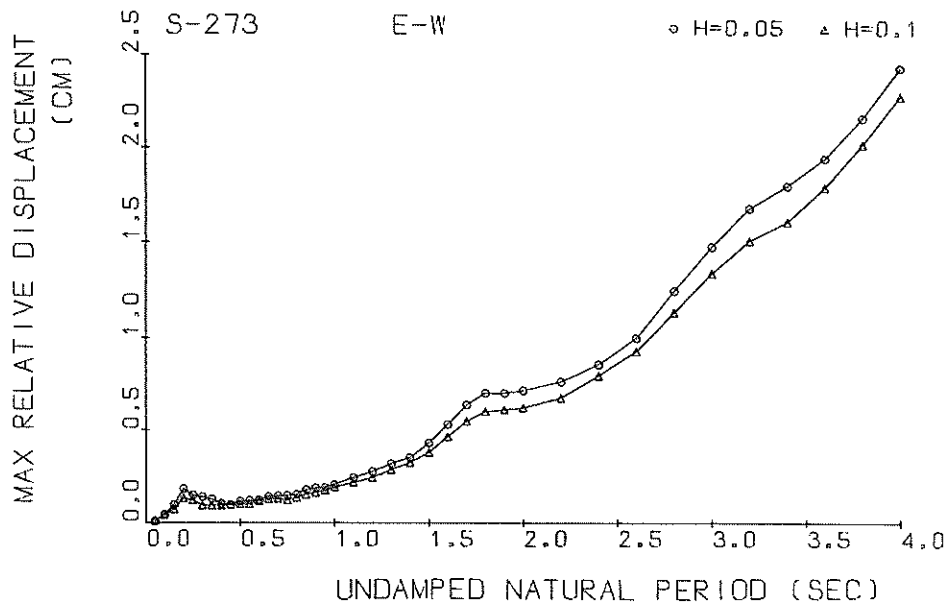
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-273 N-S 1968-05-23-04-29 TOKACHIOKIYOSHIN
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 15.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 49.90(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	2.914	145.41	111.26	0.962	0.0091
0.100	1.941	96.84	99.79	1.452	0.0242
0.150	3.751	187.19	174.76	4.275	0.1052
0.200	5.357	267.31	292.81	8.723	0.2711
0.250	2.659	132.70	168.57	5.732	0.2086
0.300	1.273	63.50	97.44	3.584	0.1443
0.350	0.777	38.78	82.10	3.045	0.1195
0.400	0.532	26.57	75.50	2.632	0.1069
0.450	0.439	21.90	65.09	2.580	0.1110
0.500	0.383	19.13	60.82	2.309	0.1189
0.550	0.406	20.26	65.19	2.478	0.1534
0.600	0.280	13.97	59.89	2.339	0.1248
0.650	0.258	12.90	55.92	2.256	0.1352
0.700	0.234	11.68	54.47	2.277	0.1431
0.750	0.237	11.82	52.26	2.083	0.1657
0.800	0.205	10.22	50.92	2.159	0.1621
0.850	0.170	8.51	51.19	2.189	0.1532
0.900	0.163	8.15	51.45	2.187	0.1641
0.950	0.147	7.32	52.07	2.165	0.1642
1.000	0.144	7.19	52.91	2.133	0.1762
1.100	0.110	5.47	51.38	2.059	0.1606
1.200	0.093	4.63	50.98	1.993	0.1648
1.300	0.080	4.01	50.64	1.944	0.1670
1.400	0.067	3.34	50.33	1.913	0.1601
1.500	0.078	3.87	50.07	1.896	0.2150
1.600	0.073	3.66	49.86	1.891	0.2296
1.700	0.067	3.36	49.70	1.895	0.2406
1.800	0.071	3.53	49.58	1.904	0.2828
1.900	0.070	3.51	49.50	1.917	0.3126
2.000	0.068	3.40	49.44	1.933	0.3368
2.200	0.055	2.74	49.36	1.968	0.3272
2.400	0.044	2.21	49.34	2.005	0.3157
2.600	0.041	2.02	49.33	2.039	0.3384
2.800	0.042	2.08	49.35	2.071	0.4097
3.000	0.046	2.31	49.37	2.100	0.5239
3.200	0.049	2.47	49.39	2.126	0.6376
3.400	0.046	2.28	49.42	2.150	0.6636
3.600	0.041	2.05	49.45	2.170	0.6693
3.800	0.044	2.19	49.47	2.189	0.7712
4.000	0.050	2.48	49.50	2.205	0.9967

RESPONSE SPECTRUM

RECORD = S-273 N-S 1968-05-23-04-29 TOKACHIOKIYOSHIN
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARG.ERR.
 TIME LENGTH = 15.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 49.90(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	2.611	115.38	82.24	0.750	0.0072
0.100	1.590	79.36	93.48	1.163	0.0200
0.150	2.920	145.70	138.07	3.311	0.0818
0.200	3.560	177.67	195.46	5.811	0.1765
0.250	2.175	108.52	138.57	4.677	0.1667
0.300	1.091	54.46	92.45	3.359	0.1201
0.350	0.704	35.13	79.20	2.832	0.1045
0.400	0.471	23.52	72.71	2.445	0.0888
0.450	0.406	20.24	64.31	2.369	0.0993
0.500	0.350	17.75	58.02	2.130	0.1056
0.550	0.310	15.48	59.52	2.118	0.1106
0.600	0.249	12.40	57.69	2.180	0.1034
0.650	0.230	11.78	54.04	2.113	0.1156
0.700	0.224	11.20	53.04	1.988	0.1269
0.750	0.204	10.10	51.48	1.990	0.1329
0.800	0.181	9.05	50.72	2.059	0.1347
0.850	0.159	7.93	51.02	2.094	0.1281
0.900	0.139	6.93	51.21	2.104	0.1301
0.950	0.130	6.48	51.30	2.097	0.1350
1.000	0.122	6.08	51.30	2.079	0.1340
1.100	0.104	5.21	51.15	2.031	0.1336
1.200	0.082	4.07	50.89	1.983	0.1304
1.300	0.073	3.65	50.62	1.945	0.1396
1.400	0.061	3.05	50.36	1.919	0.1367
1.500	0.066	3.30	50.13	1.905	0.1706
1.600	0.066	3.28	49.94	1.899	0.1897
1.700	0.060	2.98	49.79	1.901	0.1993
1.800	0.063	3.13	49.67	1.908	0.2366
1.900	0.062	3.11	49.58	1.919	0.2587
2.000	0.060	2.99	49.51	1.932	0.2789
2.200	0.054	2.67	49.41	1.962	0.2950
2.400	0.045	2.26	49.36	1.994	0.2978
2.600	0.040	2.00	49.33	2.025	0.3158
2.800	0.030	1.81	49.33	2.054	0.3427
3.000	0.040	2.02	49.33	2.081	0.4472
3.200	0.043	2.16	49.34	2.106	0.5457
3.400	0.042	2.12	49.30	2.128	0.6087
3.600	0.042	2.08	49.38	2.148	0.6663
3.800	0.043	2.16	49.40	2.166	0.7633
4.000	0.040	2.28	49.43	2.182	0.9056

RESPONSE SPECTRUM

RECORD = S-273 E-W 1968-05-23-04-29 TOKACHIOKTYOSHIN
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100 (SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 15.000 (SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 51.27 (GAL)

PERIOD (SEC)	AMPLIF RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACÉ (CM)
0.050	1.967	100.84	57.86	0.561	0.0064
0.100	3.212	120.05	165.07	2.625	0.0457
0.150	3.280	128.49	141.02	3.586	0.0959
0.200	3.239	161.43	170.74	5.734	0.1826
0.250	1.835	94.07	121.76	4.190	0.1476
0.300	1.188	60.92	95.70	3.321	0.1386
0.350	0.795	40.76	62.83	2.307	0.1258
0.400	0.202	25.76	54.87	2.051	0.1030
0.450	0.370	18.95	55.95	1.955	0.0956
0.500	0.354	18.17	50.28	1.712	0.1138
0.550	0.301	15.44	50.45	1.998	0.1173
0.600	0.264	13.51	50.58	1.467	0.1210
0.650	0.257	13.16	50.68	1.516	0.1386
0.700	0.229	11.73	50.75	1.570	0.1426
0.750	0.203	10.39	50.81	1.558	0.1458
0.800	0.185	9.47	50.86	1.532	0.1505
0.850	0.193	9.92	50.90	1.481	0.1776
0.900	0.180	9.25	50.94	1.501	0.1870
0.950	0.163	8.38	50.97	1.334	0.1889
1.000	0.160	8.22	50.99	1.303	0.2047
1.100	0.156	8.01	51.03	1.378	0.2425
1.200	0.148	7.58	51.06	1.414	0.2744
1.300	0.147	7.54	51.08	1.309	0.3170
1.400	0.140	7.20	51.10	1.432	0.3500
1.500	0.150	7.68	51.12	1.537	0.4282
1.600	0.160	8.22	51.13	1.824	0.5318
1.700	0.172	8.83	51.14	2.133	0.6382
1.800	0.170	8.71	51.15	2.130	0.7024
1.900	0.151	7.73	51.16	1.910	0.7014
2.000	0.140	7.15	51.17	1.768	0.7149
2.200	0.124	6.37	51.18	1.807	0.7635
2.400	0.115	5.89	51.19	1.864	0.8540
2.600	0.114	5.87	51.20	1.911	0.9967
2.800	0.124	6.37	51.20	1.949	1.2422
3.000	0.127	6.53	51.21	2.009	1.4731
3.200	0.128	6.57	51.21	2.138	1.6756
3.400	0.120	6.17	51.22	2.251	1.7953
3.600	0.117	5.98	51.22	2.349	1.9417
3.800	0.117	6.01	51.22	2.436	2.1594
4.000	0.119	6.08	51.23	2.512	2.4288

RESPONSE SPECTRUM

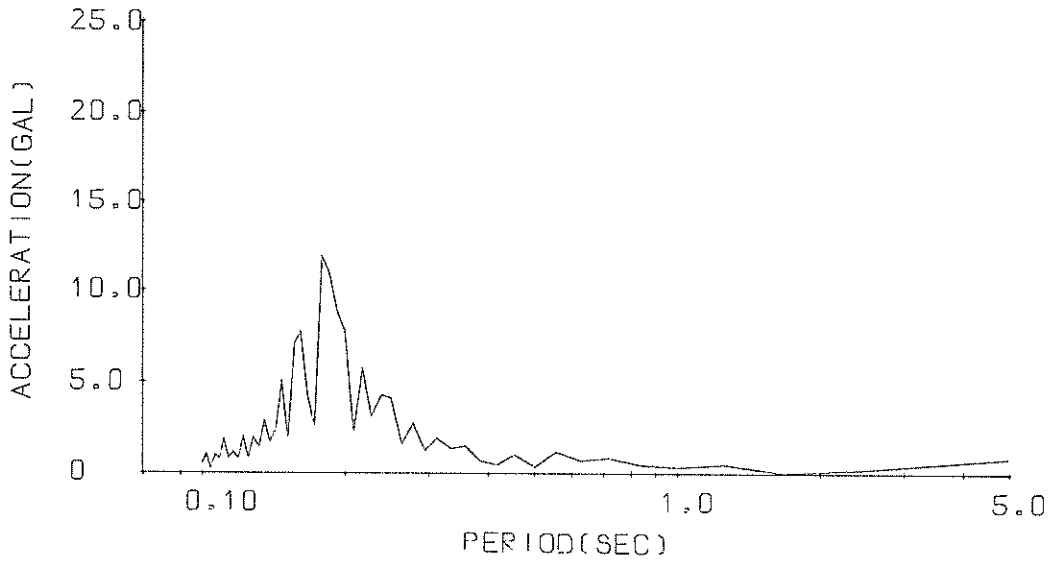
RECORD = S-273 E-W 1968-05-23-04-29 TOKACHIOKIYOSHIN
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO-ARC
 TIME LENGTH = 15.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC. = 51.27(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.857	95.21	46.61	0.490	0.0060
0.100	2.717	139.28	119.41	2.012	0.0345
0.150	2.612	118.54	91.07	2.451	0.0662
0.200	2.509	128.63	127.23	3.991	0.1274
0.250	1.409	76.86	104.50	3.444	0.1184
0.300	0.800	40.90	82.08	2.566	0.0904
0.350	0.588	30.14	57.82	1.922	0.0905
0.400	0.452	23.18	54.83	1.807	0.0903
0.450	0.379	19.45	53.49	1.717	0.0954
0.500	0.318	16.33	50.07	1.642	0.0979
0.550	0.263	13.49	50.24	1.685	0.0979
0.600	0.258	13.23	50.38	1.513	0.1140
0.650	0.242	12.43	50.48	1.397	0.1243
0.700	0.216	11.07	50.57	1.444	0.1275
0.750	0.181	9.26	50.64	1.457	0.1211
0.800	0.177	9.06	50.70	1.441	0.1353
0.850	0.177	9.05	50.75	1.403	0.1522
0.900	0.162	8.32	50.79	1.350	0.1615
0.950	0.159	8.15	50.82	1.286	0.1768
1.000	0.156	8.01	50.85	1.279	0.1917
1.100	0.149	7.62	50.91	1.303	0.2188
1.200	0.139	7.15	50.95	1.314	0.2438
1.300	0.140	7.20	50.98	1.295	0.2867
1.400	0.138	7.06	51.00	1.298	0.3246
1.500	0.136	7.08	51.03	1.421	0.3803
1.600	0.143	7.32	51.05	1.575	0.4632
1.700	0.154	7.88	51.06	1.762	0.5503
1.800	0.152	7.79	51.08	1.775	0.6041
1.900	0.140	7.18	51.09	1.660	0.6135
2.000	0.124	6.37	51.10	1.662	0.6239
2.200	0.115	5.90	51.12	1.737	0.6775
2.400	0.109	5.57	51.13	1.797	0.7972
2.600	0.111	5.71	51.14	1.846	0.9205
2.800	0.113	6.06	51.15	1.886	1.1337
3.000	0.116	6.06	51.16	1.920	1.3387
3.200	0.119	6.08	51.17	2.028	1.5086
3.400	0.116	5.77	51.18	2.138	1.5064
3.600	0.110	5.66	51.18	2.235	1.7805
3.800	0.113	5.78	51.19	2.321	2.0200
4.000	0.114	5.87	51.19	2.398	2.2798

S-273 N-S

TSK=0.00

TUS=5.00

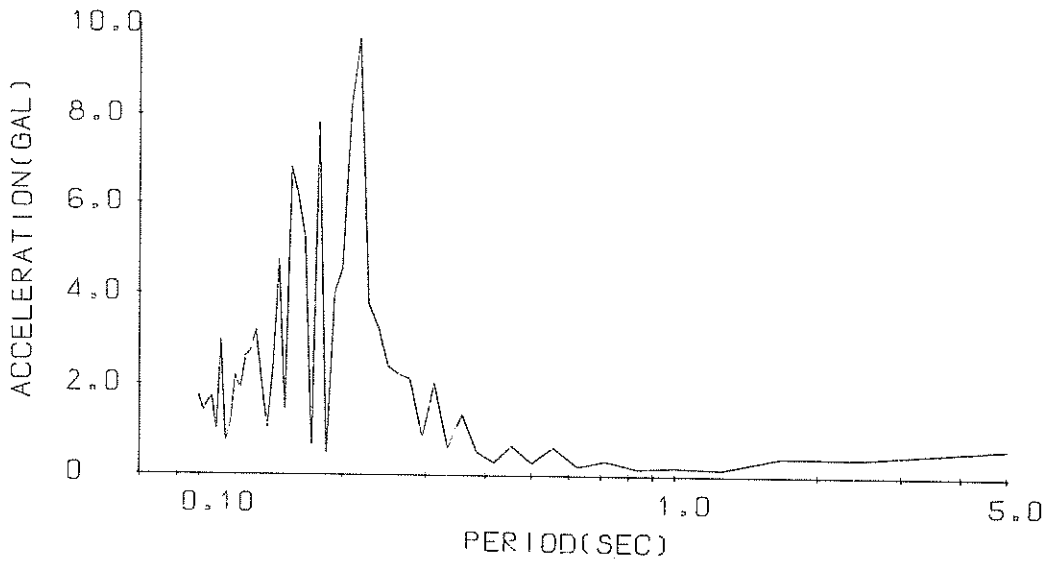


Fourier Spectrum

S-273 E-W

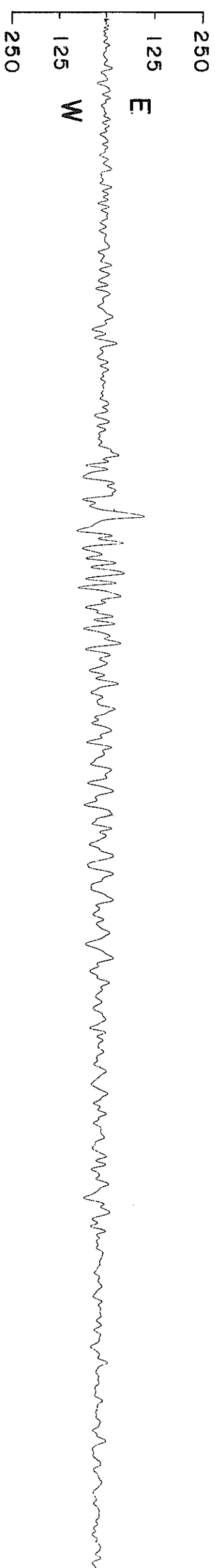
TSK=0.00

TUS=5.00

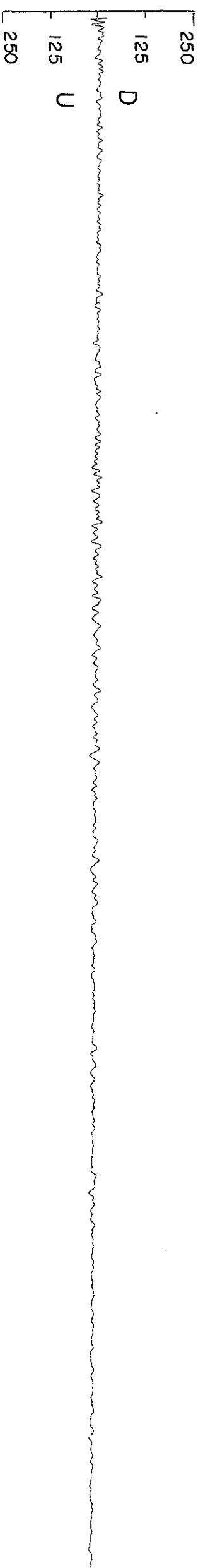


Fourier Spectrum

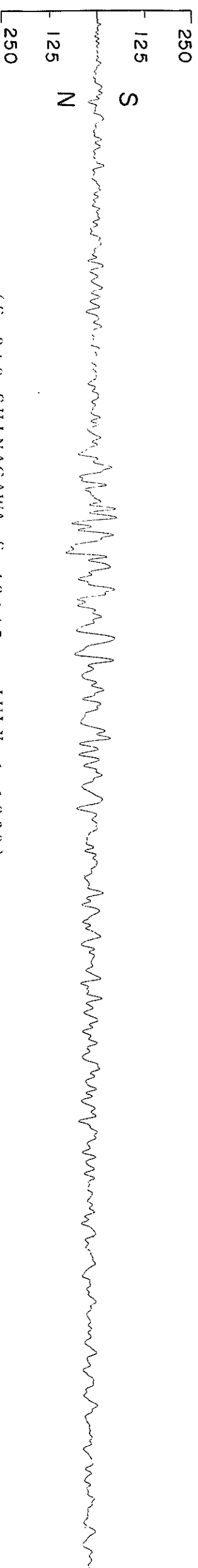
gdl



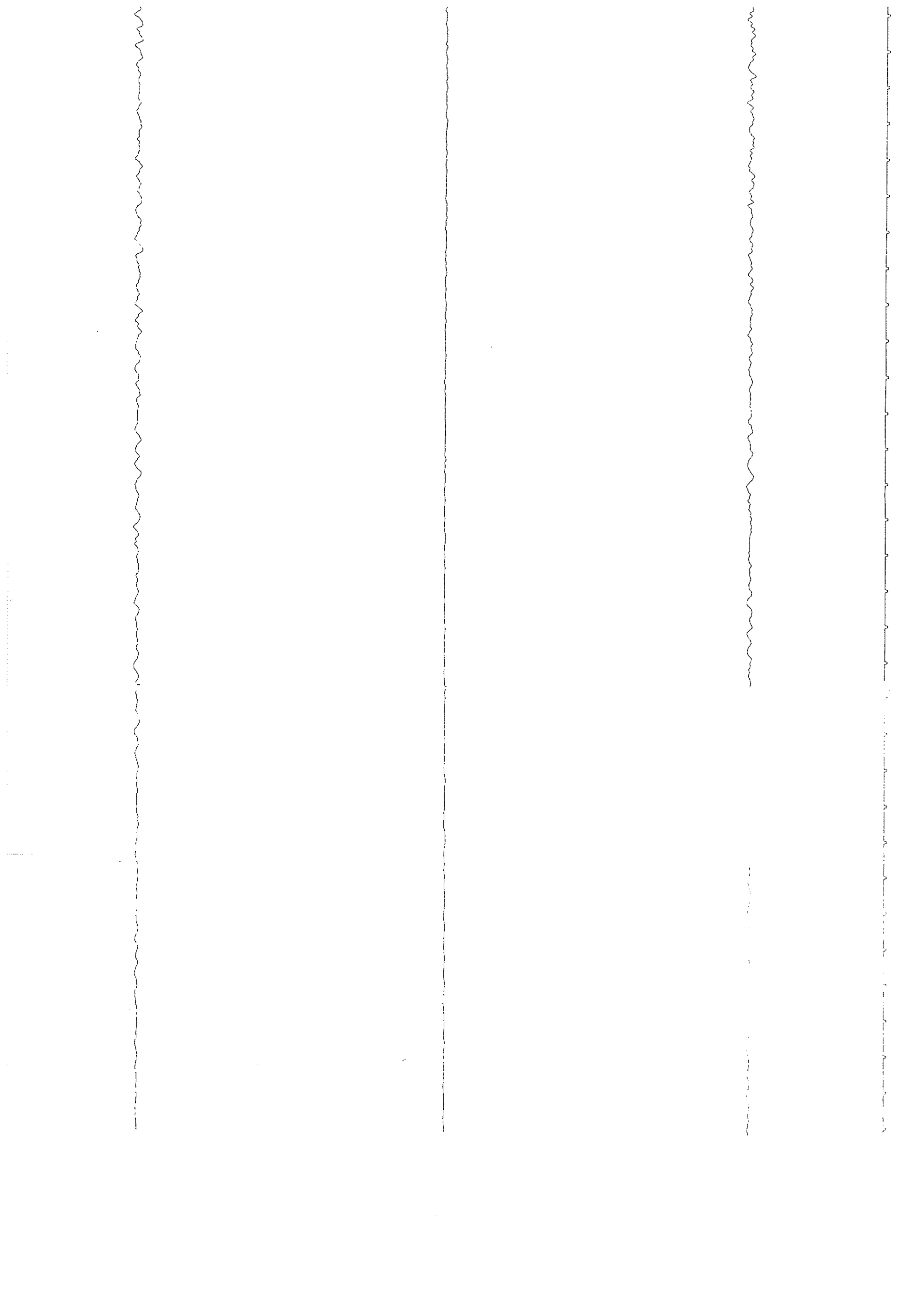
gdl



gdl



(S-340, SHINAGAWA-S, 19:45 on JULY 1, 1968)



RECORD=S-340 COMPONENT=N-S SIGNAL=GR+ACC. CORRECTION=ZERO-ARC STATION=SHINAGAWA-S
 DATE AND TIME=1968-07-01-19-45 SAMPLING INTERVAL= 0.040(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 7000

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	0.00	-0.57	7.24	9.65	4.18	5.57	2.77	9.40	9.30	-10.52
2	1.10	-0.57	7.74	7.76	2.18	9.12	2.57	9.60	7.51	-9.51
3	0.30	-0.07	3.85	6.18	3.93	13.44	3.07	9.80	5.71	-7.72
4	-0.00	3.63	1.65	5.78	9.67	13.54	5.09	9.69	3.32	-5.72
5	3.09	5.52	0.43	6.19	12.86	13.46	8.97	9.40	3.02	-1.64
6	3.29	5.52	0.45	7.70	14.27	11.43	14.99	9.39	2.92	3.26
7	2.29	5.81	0.85	9.29	15.63	7.82	19.51	9.42	3.33	7.07
8	-0.01	4.51	0.95	15.18	16.16	6.60	20.15	10.71	5.12	9.09
9	1.39	3.21	1.05	15.16	17.13	3.22	21.05	11.44	5.32	11.29
10	2.09	1.62	-0.16	14.88	17.60	-0.37	20.82	13.09	5.72	12.65
11	2.19	0.41	-1.26	12.80	17.63	-0.47	19.14	13.04	6.62	12.83
12	1.88	0.21	-2.06	7.94	18.01	-0.47	15.04	11.60	6.80	12.40
13	1.88	1.71	-3.46	5.66	18.16	-0.37	8.79	8.50	5.61	11.23
14	2.19	3.31	-4.06	3.66	17.68	1.83	5.15	3.88	5.61	10.71
15	5.71	3.91	-4.06	0.37	17.39	5.53	1.45	1.38	5.72	9.34
16	9.88	4.21	-4.26	0.76	15.75	6.63	-2.85	-2.02	7.11	9.27
17	9.74	4.10	-4.06	1.06	12.89	7.55	-4.56	-2.62	7.32	10.88
18	7.94	3.40	-2.56	3.67	7.46	10.05	-6.15	-2.72	8.85	12.72
19	5.26	3.20	-0.17	5.67	4.67	11.52	-6.14	-2.72	11.30	15.04
20	3.27	1.80	-0.17	7.26	0.19	11.51	-4.75	-1.52	11.25	15.14
21	2.17	1.60	-1.17	7.45	-0.31	11.15	-4.35	3.28	9.17	15.23
22	2.97	1.80	-2.07	6.92	-0.72	8.57	-2.36	4.47	7.28	15.22
23	3.07	2.40	-2.68	3.62	-0.82	5.81	-1.56	5.38	5.37	14.99
24	1.87	3.00	-4.08	-8.85	-1.02	5.59	-1.76	6.66	1.40	14.27
25	1.87	3.29	-5.68	-14.81	-0.62	1.71	-2.06	5.66	-2.01	12.96
26	1.86	3.29	-6.38	-16.26	-0.32	-0.39	-2.36	4.85	-2.81	11.32
27	1.96	3.19	-6.38	-18.28	-0.32	-2.90	-2.67	1.36	-4.51	11.10
28	2.36	2.29	-5.98	-19.96	-0.32	-4.10	-4.17	-0.54	-4.40	10.25
29	3.86	2.29	-5.28	-19.99	-0.13	4.30	-4.37	-2.44	-1.81	-7.29
30	3.85	1.79	-4.18	-18.95	-0.13	4.30	-4.37	-2.64	3.29	4.71
31	1.66	1.79	-2.09	-13.90	-0.33	-4.30	-4.37	-2.74	5.29	3.21
32	-0.14	1.78	-2.19	-7.91	-0.33	-3.70	-4.68	-2.44	5.69	-0.69
33	-1.25	2.08	-2.39	-4.15	-2.33	-2.40	-6.39	-1.94	6.58	-1.09
34	-1.15	3.08	-2.59	-0.26	-2.28	-1.60	-7.98	-0.55	6.57	-1.79
35	0.95	3.68	-3.39	0.34	-3.94	-1.51	-8.38	-0.55	5.25	-2.19
36	3.55	3.58	-2.79	0.14	-4.54	-1.71	-8.37	-0.55	-0.62	-2.39
37	3.44	3.67	-2.29	-0.27	-5.94	-2.31	-7.76	-0.55	-3.92	-1.69
38	1.85	2.48	-1.49	-5.93	-2.41	-6.26	-6.26	-0.85	-4.54	-0.69
39	-0.05	1.77	0.00	-1.57	-3.71	-4.38	-4.38	-0.85	-8.19	-0.70
40	-1.36	0.17	5.20	-1.47	-4.54	-4.31	-3.48	-2.46	-12.52	-0.70
41	-3.36	0.87	5.71	-1.27	-4.04	-4.61	-3.48	-6.86	-12.40	-0.70
42	-3.45	1.17	6.84	-1.27	-2.64	-4.31	-0.48	-7.54	-11.54	-2.20
43	3.84	3.77	11.07	-0.47	-2.45	-3.91	3.01	-7.54	-8.53	-2.61
44	4.14	4.28	13.81	-0.58	-2.55	-2.32	3.21	-6.13	-8.52	-2.61
45	5.34	6.49	14.10	-0.78	-3.35	-0.92	3.21	-8.52	-7.93	-6.31
46	5.34	9.19	14.19	-2.18	-3.35	-0.42	3.31	1.44	-7.93	-7.21
47	5.43	10.46	14.22	-3.38	-2.45	-0.42	3.41	5.14	-7.93	-7.96
48	5.13	10.36	14.74	-4.08	-2.45	2.68	3.71	5.45	-8.55	-4.69
49	3.82	10.24	13.76	-4.69	-2.15	2.98	4.81	8.48	-9.06	-0.71
50	-0.07	9.42	12.97	-5.77	-0.75	2.87	5.42	11.32	-10.54	3.19
					-0.05	2.67	7.43	10.99	-10.54	3.19

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	3.19	-8.16	11.10	-0.93	6.90	4.83	-3.04	5.77	-19.00	-15.70
2	2.98	-6.45	13.05	-1.23	6.90	4.82	-3.04	3.76	-19.28	-26.07
3	0.28	-2.78	13.14	-2.13	6.59	2.92	-1.44	-6.44	-20.43	-30.94
4	-4.43	-0.79	13.04	-0.93	5.19	0.76	0.76	-9.20	-21.74	-31.80
5	-8.08	1.11	12.74	-0.93	2.99	-1.18	2.75	-13.86	-34.11	-34.11
6	-12.76	2.91	7.28	-0.93	1.99	-2.38	3.05	-17.00	-32.56	-34.45
7	-16.62	4.91	2.13	-2.84	0.39	-4.17	3.85	-15.22	-36.67	-34.93
8	-16.51	5.13	-4.37	-2.84	-1.01	-3.19	2.95	-15.11	-38.69	-29.69
9	-14.32	8.97	-5.59	-4.44	-0.91	-9.02	2.74	-14.81	-38.33	-26.57
10	-7.65	12.79	-1.80	-4.84	-1.01	-11.33	0.85	-12.32	-35.53	-25.66
11	-1.72	15.27	-16.89	-4.84	-1.01	-12.98	-1.15	-9.09	-29.73	-26.88
12	6.99	18.54	-18.94	-4.73	-1.01	-12.99	-1.16	-7.21	-22.26	-27.21
13	9.32	19.10	-20.96	-2.34	-2.52	-13.05	-1.16	-5.11	-14.88	-28.51
14	17.06	18.97	-20.86	-0.95	-2.92	-12.09	-2.46	-3.13	-6.47	-29.11
15	18.43	17.38	-20.51	-0.65	-4.32	-8.95	-2.36	-1.23	-2.98	-28.59
16	19.17	16.98	-17.42	0.15	-4.93	-6.44	-2.66	-1.23	8.30	-23.62
17	19.82	14.96	-10.72	-0.75	-6.02	-1.09	-2.56	1.87	8.65	-10.77
18	21.12	10.20	-4.47	-0.95	-6.52	2.41	-3.06	2.67	12.33	4.60
19	20.54	6.16	-2.47	-0.95	-6.41	2.51	-3.07	6.66	10.54	21.09
20	19.09	2.38	4.23	-0.95	-4.91	3.81	-3.07	8.56	27.46	32.36
21	16.91	-3.02	7.03	-1.96	-2.02	3.90	-3.77	14.00	6.47	32.36
22	14.32	-5.52	8.42	-2.85	-0.03	3.90	-5.17	14.92	4.47	32.58
23	9.17	-6.73	9.03	-0.96	2.87	2.80	-5.07	16.28	0.59	32.75
24	4.24	-8.02	10.23	0.04	4.57	2.29	-5.07	16.74	-0.12	29.97
25	-0.75	-8.17	10.82	0.84	4.87	-1.10	-4.87	18.07	0.58	18.74
26	-4.66	-4.81	11.01	1.04	4.86	-1.11	-4.26	18.14	2.58	8.13
27	-7.19	-2.62	11.33	-0.97	4.56	-1.41	-2.56	16.43	4.59	2.80
28	-10.70	1.08	11.02	-2.87	3.06	-3.01	4.03	12.67	6.23	-4.43
29	-12.59	5.11	12.01	-5.38	-1.04	-3.01	7.86	10.40	12.86	-13.45
30	-10.68	10.54	9.07	-6.87	-1.04	-1.11	10.92	4.13	21.36	-17.43
31	-7.72	13.08	6.98	-8.87	-1.04	2.79	14.81	-0.05	30.16	-19.46
32	-4.75	13.26	5.08	-6.87	-1.04	6.63	16.72	-2.25	40.03	-21.34
33	-2.76	13.06	1.00	-6.87	-0.74	10.84	16.59	-1.26	46.46	-18.94
34	-2.66	12.69	-0.90	-6.95	1.06	12.77	14.43	-1.26	46.57	-21.47
35	-0.76	10.27	-0.90	-4.35	2.05	12.38	10.52	2.44	46.66	-13.22
36	1.14	8.24	-0.91	2.93	2.86	12.27	8.78	4.65	45.78	-8.58
37	3.95	3.06	0.59	7.79	4.85	11.94	3.80	6.44	42.66	-7.20
38	7.13	-0.94	3.00	12.92	4.85	10.79	-0.19	6.66	38.02	-6.80
39	7.13	-4.55	5.02	12.89	4.86	11.08	-2.70	8.93	33.29	-6.40
40	7.13	-6.76	10.90	11.99	6.33	11.31	-3.10	8.50	29.26	-5.71
41	5.11	-8.94	15.08	11.01	4.84	12.36	-4.59	6.72	26.27	-5.61
42	5.43	-8.84	17.07	10.80	4.84	12.07	-2.20	5.95	24.53	-5.80
43	5.01	-8.73	18.30	10.14	4.84	11.94	0.90	-4.59	24.28	-4.69
44	1.23	-7.83	18.48	6.99	4.84	10.96	3.51	-8.64	23.61	0.78
45	-0.78	-6.63	18.47	5.01	4.84	10.55	6.72	-12.83	22.46	0.68
46	-2.68	-4.84	18.22	4.20	4.84	9.84	9.06	-17.19	21.08	2.28
47	-5.88	-2.85	15.66	2.91	4.94	2.66	12.57	-17.19	15.20	2.48
48	-6.49	-0.85	8.03	3.51	6.03	-0.14	11.75	-17.39	6.61	4.28
49	-7.29	3.06	4.97	4.31	4.83	-1.14	10.35	-17.64	2.53	4.48
50	-8.48	6.89	4.25	5.21	4.93	-3.04	8.64	-18.52	-7.35	5.78

STATION=SHINAGAWA-S
TOTAL NUMBER OF DATA= 7000

CORRECTION=ZERO.ARC
FORMAT NO.=301

SIGNAL=GR.ACC
INTERVAL= 0.010(SEC)

COMPONENT=N-S
SAMPLING INTERVAL= 0.010(SEC)

RECORD=S-340
DATE AND TIME=1968-07-01-19-45

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	6.49	-53.71	-55.77	-1.64	24.28	2.12	14.08	1.58	16.07	-17.87
2	8.57	-53.53	-52.97	-5.16	11.22	0.12	7.97	3.17	13.61	-18.00
3	14.53	-46.65	-50.93	-7.94	-1.72	0.12	2.54	3.07	8.97	-18.49
4	15.89	-34.79	-49.73	-7.95	-14.28	2.11	-1.86	1.97	7.10	-20.10
5	16.51	-21.09	-49.23	-8.04	-20.67	2.41	-5.77	1.87	7.09	-21.78
6	20.38	-7.37	-49.79	-7.50	-27.87	3.71	-7.83	-1.63	6.50	-24.20
7	20.39	-4.71	-50.85	-4.04	-32.50	4.11	-13.17	-1.94	7.08	-26.86
8	19.32	-4.60	-53.04	-1.65	-36.70	4.00	-15.94	-5.85	5.89	-26.48
9	15.80	-3.41	-59.45	-1.65	-39.62	2.10	-17.30	-7.49	4.98	-27.11
10	4.43	-5.24	-64.76	-1.66	-38.34	2.10	-17.86	-12.17	2.19	-27.39
11	-3.04	-11.03	-67.41	-7.43	-33.94	9.38	-19.18	-16.52	-2.32	-28.12
12	-5.36	-19.39	-67.49	-13.80	-27.76	-13.80	-19.40	-19.57	-9.82	-28.91
13	-7.76	-22.52	-67.49	-19.90	-20.65	-16.50	-19.92	-21.31	-14.98	-29.48
14	-9.06	-31.85	-57.49	-24.55	-17.84	-20.04	-22.01	-24.00	-20.64	-29.49
15	-4.38	-34.43	-39.27	-4.31	-18.02	-24.02	-26.02	-25.20	-23.92	-29.29
16	10.69	-37.48	-16.52	-34.06	-18.00	-26.79	-27.94	-25.22	-23.75	-28.17
17	21.30	-35.26	-1.58	-35.56	-20.93	-29.95	-30.74	-25.38	-22.17	-26.35
18	35.37	-24.74	20.47	-35.12	-28.32	-32.09	-33.75	-25.36	-18.53	-21.89
19	50.39	-1.71	31.82	-32.83	-32.05	-33.69	-38.29	-24.05	-9.70	-19.92
20	57.50	17.79	37.85	-28.04	-34.42	-36.01	-40.96	-23.24	1.08	-17.66
21	57.94	33.27	36.49	-21.12	-37.58	-37.55	-43.05	-22.28	9.49	-11.58
22	56.97	42.33	33.87	-16.56	-38.84	-38.65	-44.34	-21.54	15.27	-7.57
23	48.75	52.12	26.95	-11.51	-37.69	-39.81	-44.33	-20.35	17.37	-5.25
24	37.08	52.37	18.79	-9.57	-35.11	-39.85	-43.31	-19.00	21.85	2.31
25	25.55	52.37	7.80	-9.67	-25.70	-39.32	-37.90	-15.56	23.47	13.08
26	17.11	47.50	0.30	-9.58	-18.33	-36.76	-27.95	-10.01	23.27	18.19
27	7.70	40.06	-4.82	-9.58	-11.42	-32.58	-19.08	-7.51	21.42	23.68
28	-2.97	34.64	-7.53	-9.54	-3.63	-25.89	-9.35	-3.65	16.88	28.08
29	-6.08	31.01	-9.28	-7.43	2.15	-5.64	7.77	1.94	16.88	28.49
30	-7.37	27.71	-7.54	-3.56	4.16	6.16	21.19	6.28	13.93	31.79
31	-7.28	23.74	-1.61	4.78	6.15	16.90	34.35	11.63	13.06	31.79
32	0.43	22.63	7.92	17.21	6.14	23.20	43.98	11.63	12.98	31.77
33	20.49	20.72	18.48	30.63	5.93	23.20	43.98	11.63	12.98	31.77
34	31.11	20.36	28.49	40.52	4.13	45.33	51.02	11.53	13.57	30.85
35	37.25	20.32	30.52	47.11	2.04	49.45	54.19	7.97	13.87	26.67
36	45.71	19.95	36.01	53.01	0.14	51.97	54.92	3.82	14.06	21.22
37	57.17	19.83	39.75	55.81	0.14	54.33	53.03	2.02	14.01	17.52
38	61.75	17.73	41.07	56.31	1.34	56.96	46.20	-0.78	12.96	13.70
39	59.34	7.87	43.32	56.31	4.14	57.66	35.23	-0.08	5.62	11.83
40	57.03	2.34	44.96	50.94	6.20	56.90	22.85	4.74	1.85	13.75
41	49.08	-6.99	45.70	44.85	14.78	54.95	22.85	8.03	-2.06	18.46
42	37.84	-19.27	45.97	40.90	17.99	52.36	13.71	16.33	-7.89	27.77
43	25.50	-22.88	45.75	36.92	20.47	50.09	7.13	20.49	-10.55	33.74
44	9.60	-34.07	44.14	33.42	23.93	47.52	2.28	26.55	-14.52	40.88
45	-5.23	-42.91	40.16	32.20	23.71	44.41	-7.64	28.25	-16.06	44.61
46	-11.92	-48.42	34.18	32.26	21.72	41.45	-9.82	29.91	-17.78	46.92
47	-26.10	-52.79	26.43	32.69	17.88	38.21	-9.78	29.59	-17.78	45.50
48	-33.51	-54.59	15.83	34.19	14.43	33.44	-7.78	28.04	-17.96	41.54
49	-43.33	-55.33	8.18	33.99	10.18	26.53	-5.00	26.16	-17.96	35.51
50	-51.54	-56.21	2.26	31.82	4.11	19.32	-1.62	19.78	-17.87	27.83

STATION=SHINAGAWA-S
TOTAL NUMBER OF DATA= 7000

SIGNAL=GR.ACC. CORRECTION=ZERO.ARC
INTERVAL= 0.040(SEC) FORMAT NO.=301

RECORD=S-340 COMPONENT=H-S
DATE AND TIME=1968-07-01-19:45 SAMPLING INTERVAL= 0.040(SEC)

RECORD=S-340 COMPONENT=N-S SIGNAL=GR_ACC. CORRECTION=ZERO_ARC STATION=SHINAGAWA-S
 DATE AND TIME=1968-07-01-19-45 SAMPLING INTERVAL= 0.1010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 7000

NO.	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)
1	18.79	-11.84	-21.73	2.75	-8.33	13.56	-3.57	19.42	14.70	7.00
2	7.12	-16.22	-20.34	6.97	-8.55	13.56	-4.37	21.35	17.13	5.22
3	-5.17	-18.26	-19.73	9.72	-10.13	15.30	-4.47	23.08	19.50	4.82
4	-10.18	-20.11	-17.93	13.14	-10.33	15.30	-4.88	23.18	23.03	4.61
5	-16.45	-20.12	-13.95	13.14	-10.33	15.30	-6.48	22.42	23.61	3.21
6	-21.99	-19.77	-8.47	13.14	-10.33	15.30	-6.98	21.07	25.32	3.11
7	-28.34	-15.50	-7.47	13.10	-10.33	15.29	-7.57	19.10	25.55	2.81
8	-32.22	-6.07	-6.16	11.93	-10.33	15.19	-6.95	17.13	25.52	1.51
9	-32.43	-0.32	-2.29	11.48	-10.32	15.17	-4.55	15.17	26.15	1.51
10	-32.24	7.13	9.40	9.40	-9.84	14.79	1.12	13.43	23.76	1.11
11	-29.95	11.68	3.31	7.51	-10.24	14.68	2.73	10.47	16.90	1.11
12	-21.27	11.67	4.01	5.32	-10.35	14.41	9.67	7.22	12.43	0.90
13	-13.74	11.67	5.20	3.53	-10.67	12.59	17.70	5.23	6.93	1.10
14	-6.32	11.67	5.64	1.63	-11.66	9.62	24.80	3.24	3.16	1.30
15	-2.15	11.67	11.61	0.83	-12.34	6.47	27.88	1.24	-2.43	2.30
16	3.76	11.67	12.05	-0.07	-12.32	5.27	30.81	-0.76	-6.47	2.80
17	9.21	11.67	13.86	1.03	-11.51	2.98	31.23	-2.66	-10.76	4.60
18	13.39	11.72	18.01	2.63	-10.30	0.88	30.90	-2.66	-15.76	5.10
19	14.84	13.81	23.59	5.33	-8.31	0.48	28.57	-2.97	-16.34	4.99
20	14.79	17.32	23.75	7.06	-5.80	0.48	24.51	-4.57	-16.58	4.39
21	13.81	20.18	25.02	10.64	1.25	0.48	20.23	-4.77	-18.98	2.79
22	13.63	23.57	26.14	11.56	1.25	-0.12	16.80	-6.29	-20.82	1.09
23	7.65	25.66	27.59	13.03	5.35	1.37	8.93	-8.90	-22.64	-2.81
24	1.73	25.66	27.59	13.51	5.44	1.37	4.57	-11.07	-22.43	-3.93
25	-3.28	25.38	27.55	13.51	4.92	1.27	-2.60	-14.93	-20.64	-10.23
26	-8.49	22.93	27.15	13.51	1.54	0.77	-4.53	-18.20	-20.56	-10.72
27	-16.37	17.15	25.74	13.51	-4.28	1.37	-9.91	-18.60	-19.02	-10.72
28	-21.79	15.25	24.47	13.38	-8.02	1.17	-10.30	-19.03	-10.36	-10.91
29	-26.87	7.62	21.65	12.67	-12.15	-2.24	-10.19	-19.16	-6.51	-10.57
30	-30.48	5.55	21.20	11.64	-14.67	-2.54	-9.55	-12.96	-2.74	-8.65
31	-32.08	5.04	19.40	12.73	-14.76	-6.46	-6.58	-9.60	2.66	-4.51
32	-32.08	3.65	16.89	13.50	-14.56	-8.50	-3.60	-5.66	7.17	-1.02
33	-31.21	3.64	9.50	13.51	-12.17	-12.50	-1.51	-2.68	9.17	0.67
34	-26.39	3.64	5.83	13.80	-6.12	-14.27	-0.71	-0.48	10.43	1.07
35	-17.31	3.64	-0.53	13.89	-0.47	-14.97	-0.82	0.71	9.59	2.47
36	-7.57	3.64	-8.26	13.78	5.75	-15.54	-3.32	0.31	7.00	5.08
37	1.71	3.43	-10.45	13.25	9.70	-15.51	-7.07	-0.79	3.13	7.11
38	5.77	1.14	-20.13	9.35	13.42	-14.72	-12.26	-4.40	4.40	10.62
39	13.79	-3.78	-28.21	1.79	13.42	-14.11	-16.65	-7.73	-2.76	15.04
40	15.80	-7.90	-33.29	1.49	13.41	-10.94	-18.87	-10.40	-2.76	15.37
41	17.60	-10.28	-36.67	-2.41	12.99	-10.44	-20.86	-10.68	-2.76	21.44
42	19.01	-13.51	-38.24	-2.41	9.38	-9.91	-22.10	-10.04	-1.07	24.97
43	19.99	-18.31	-38.06	-3.62	7.39	-8.05	-20.78	-7.63	2.74	25.76
44	17.52	-20.35	-36.13	-4.72	5.41	-7.54	-17.77	-2.69	5.15	26.42
45	14.66	-22.34	-31.81	-6.12	4.91	-6.45	-10.07	2.80	9.03	26.52
46	7.67	-23.79	-28.81	-6.32	4.91	-5.85	-2.72	5.22	9.13	24.38
47	5.67	-23.82	-21.84	-6.32	4.92	-4.46	3.28	9.27	9.15	18.26
48	1.59	-23.24	-17.72	-6.32	7.48	-4.16	10.43	13.18	10.30	8.08
49	-4.12	-22.18	-10.31	-6.43	13.12	-3.96	13.21	12.71	9.20	3.23
50	-7.26	-22.15	-4.32	-7.43	13.51	-4.26	17.01	13.15	8.20	-5.89

RECORD=S=340 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZFRO.ABC STATION=SHINAGAWA-S
 DATE AND TIME=1968-07-01-19-45 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA= 7000

NO.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	-10.96	0.48	-14.99	-14.41	0.16	-15.11	0.62	-10.17	-5.31	-2.49
2	-18.91	2.48	-17.01	-15.37	-3.14	-13.17	1.02	-15.34	-3.01	-6.49
3	-20.94	2.98	-18.83	-17.38	-4.85	-12.06	1.82	-17.07	2.68	-8.70
4	-22.98	4.97	-20.28	-19.09	-7.48	-7.40	2.12	-17.37	5.71	-3.50
5	-24.51	5.27	-19.07	-20.46	-10.84	-10.84	2.62	-18.90	10.52	-3.50
6	-22.43	5.27	-18.43	-20.38	-10.85	-2.91	6.70	-16.80	12.61	-3.19
7	-18.38	4.97	-14.77	-20.34	-11.10	2.39	13.91	-12.59	15.77	0.80
8	-12.15	4.46	-9.93	-18.98	-9.21	3.90	14.02	-7.64	13.72	1.80
9	-8.75	2.56	-6.38	-18.86	-7.46	8.53	16.71	2.04	12.35	4.20
10	-8.04	-2.95	-3.00	-17.41	-8.53	11.95	18.34	4.98	8.31	6.41
11	-6.26	-8.10	-0.31	-16.27	-7.54	14.28	16.73	12.39	4.55	8.20
12	-5.97	-12.29	0.89	-14.26	-6.95	14.37	18.91	15.95	2.36	8.33
13	-6.17	-13.99	0.89	-11.40	-6.85	14.22	17.61	14.44	-0.34	8.38
14	-6.59	-15.12	0.89	-8.62	-6.26	12.95	16.27	14.63	-2.44	7.45
15	-8.57	-16.72	0.89	-4.77	-6.23	12.26	15.56	14.44	-3.24	4.48
16	-8.77	-16.15	0.08	-1.29	-3.16	8.74	12.89	12.56	-2.34	3.88
17	-8.66	-12.78	-1.12	2.82	-2.85	6.66	12.50	10.39	-1.84	2.38
18	-7.85	-10.78	-0.02	9.10	2.24	5.96	12.60	4.41	-1.55	0.48
19	-5.87	-7.90	-4.22	14.38	4.77	4.76	12.60	1.62	0.25	-0.02
20	-4.88	-4.34	-3.02	16.06	12.21	3.07	12.70	-3.38	0.45	0.38
21	-4.58	-2.94	-3.04	17.12	14.47	3.96	13.04	-5.99	0.55	1.58
22	-4.78	0.95	2.69	18.82	15.28	4.16	14.40	-7.30	-0.05	2.78
23	-4.79	4.68	10.76	19.00	16.12	4.77	14.60	-9.28	-1.45	7.23
24	-6.80	10.85	14.30	18.90	15.77	6.11	14.79	-9.28	-1.55	11.99
25	-8.39	10.99	14.95	18.89	14.42	12.34	14.77	-9.28	-1.76	12.38
26	-8.79	13.01	16.59	18.83	9.72	14.66	14.41	-8.77	-1.96	12.70
27	-8.88	15.04	18.88	19.31	4.61	14.72	12.58	-7.76	-3.46	13.43
28	-8.13	17.06	17.05	20.72	0.62	16.06	9.64	-7.28	-3.46	12.44
29	-2.82	19.05	16.76	22.08	-4.89	16.26	7.61	-6.67	-3.46	11.52
30	8.61	20.42	14.95	23.00	-6.90	16.26	2.08	-4.38	-3.96	6.45
31	15.32	20.12	10.53	24.58	-8.68	14.43	0.48	-1.79	-3.46	4.35
32	20.00	18.86	4.95	24.26	-8.98	7.68	-0.32	0.51	-3.46	0.66
33	26.41	17.83	2.36	22.29	-9.05	2.73	-3.43	2.11	0.13	-5.45
34	27.25	14.75	-2.04	18.74	-7.00	-4.57	-5.23	4.52	2.23	-7.46
35	28.62	8.96	-3.15	16.41	0.72	-6.94	-5.43	8.63	4.04	-9.47
36	28.59	5.01	-5.76	8.74	2.72	-15.36	-6.32	10.65	6.44	-10.86
37	27.51	2.02	-7.35	5.86	6.01	-19.52	-5.52	12.50	7.84	-11.39
38	23.72	0.02	-7.35	2.78	6.31	-24.00	-4.63	12.49	8.52	-9.50
39	17.72	-2.98	-6.03	2.28	6.00	-27.18	-3.53	12.34	8.42	-7.31
40	12.23	-2.78	-6.94	0.68	5.77	-27.42	-3.33	10.58	7.90	-3.95
41	4.48	-1.18	-6.03	-0.12	0.81	-27.20	-1.44	9.88	6.52	-3.35
42	0.89	1.22	-3.05	0.78	-3.00	-20.96	-0.24	4.57	6.40	-2.95
43	-4.62	2.92	-1.45	4.78	-7.14	-14.91	-0.34	0.59	4.52	-2.55
44	-6.83	4.92	-1.16	6.80	-11.26	-9.62	0.46	-5.12	3.91	-3.56
45	-8.84	5.02	-1.06	9.40	-17.10	-7.14	0.56	-7.33	2.62	-5.07
46	-10.48	5.39	-1.36	10.80	-17.36	-4.26	0.56	-9.16	2.41	-8.03
47	-8.88	2.31	-3.06	11.84	-21.11	-4.37	0.26	-11.74	1.81	-13.30
48	-6.92	-2.99	-4.08	10.96	-21.19	0.43	-3.35	-12.62	0.41	-17.00
49	-6.68	-5.61	-8.22	10.61	-21.08	0.62	-4.86	-12.51	0.31	-19.20
50	-2.92	-9.00	-12.23	4.45	-20.31	0.62	-7.28	-9.25	-0.49	-19.68

RECORD=S-340 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZERO ARC STATION=SHINAGAWA-S
 DATE AND TIME=1968-07-01-19-45 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA= 7000

NO.	(2500)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)
1	-19.63	-0.41	2.55	-7.42	5.10	-2.36	-1.54	10.26
2	-16.88	-2.21	3.25	-7.42	3.00	-2.56	-6.04	8.58
3	-13.80	-3.81	3.65	-7.31	0.31	-2.47	-6.54	7.57
4	-9.68	-5.01	4.25	-5.82	4.00	-3.57	-6.85	6.19
5	-5.53	-5.82	4.85	-5.71	-5.71	-3.87	-7.62	5.79
6	0.13	-3.14	6.05	-3.92	-7.13	-5.37	-8.34	6.19
7	1.53	-2.14	6.85	-1.03	-9.94	-5.98	-8.83	7.09
8	2.03	-7.22	7.57	1.77	-11.71	-7.58	-7.73	7.73
9	4.33	-7.53	7.83	2.57	-11.94	-8.50	-4.44	11.00
10	6.33	-8.24	7.33	3.78	-9.90	-9.98	-4.15	11.62
11	7.43	-9.65	6.53	6.79	-9.87	-10.06	-3.95	12.82
12	8.45	-10.94	6.03	9.80	-7.97	-9.16	-3.15	11.22
13	10.36	-11.74	5.12	11.67	-5.00	-8.05	-3.05	9.13
14	12.12	-12.43	3.53	12.02	-4.00	-6.08	-2.75	6.76
15	12.33	-12.43	2.33	13.96	-2.11	-5.76	-1.25	4.76
16	12.69	-11.59	1.93	14.04	-1.11	-1.88	-0.16	2.77
17	14.85	-10.10	1.33	16.06	0.39	0.21	1.44	0.17
18	15.61	-8.78	2.03	17.91	1.88	1.21	1.84	-6.24
19	15.61	-5.97	3.83	20.25	1.68	3.51	3.64	-6.96
20	15.63	9.36	5.84	23.42	3.28	3.81	3.84	-9.54
21	16.01	10.66	8.04	24.00	4.69	5.04	5.04	-10.14
22	16.02	4.37	9.23	24.44	6.92	5.82	5.04	-10.43
23	14.50	6.16	9.73	25.09	10.76	7.42	5.03	-9.20
24	14.27	6.46	10.00	25.04	13.94	8.71	4.83	-9.20
25	13.44	6.46	8.29	22.72	15.40	14.95	4.63	-7.23
26	11.85	6.16	7.91	20.07	15.87	15.93	4.63	-6.22
27	10.25	6.06	8.19	18.89	15.89	18.32	4.33	-4.24
28	8.21	6.06	4.21	14.35	16.16	21.38	4.43	-3.54
29	2.19	6.26	3.21	8.10	15.86	23.39	4.33	-2.14
30	-3.61	6.86	1.91	5.42	15.86	25.84	5.23	0.15
31	-6.72	14.34	0.01	3.03	15.65	27.28	5.73	2.75
32	-7.83	14.91	1.11	0.04	15.35	26.96	6.82	3.75
33	-9.52	16.66	2.01	-1.97	15.16	25.61	6.92	4.35
34	-9.85	17.37	3.70	-2.27	15.19	24.88	6.61	5.45
35	-10.82	18.14	4.01	-0.87	15.76	23.28	6.02	6.55
36	-10.96	18.69	6.02	-0.57	15.78	21.41	5.81	6.75
37	-8.98	20.91	8.00	-0.07	16.18	18.71	5.71	7.56
38	-7.00	20.91	8.02	0.93	16.54	16.36	5.11	8.75
39	-5.41	20.83	9.49	2.03	16.33	14.20	4.81	9.05
40	-3.62	19.92	9.17	2.02	15.95	12.57	4.21	9.45
41	-2.02	18.84	7.99	2.22	15.79	11.78	4.62	9.97
42	-1.82	17.84	7.47	2.12	14.32	11.78	6.13	11.68
43	-1.72	15.34	5.98	3.52	5.14	11.77	9.23	13.05
44	-1.22	12.12	3.99	3.32	4.43	11.68	10.83	13.45
45	0.97	9.56	3.98	3.92	1.34	11.66	11.70	13.84
46	1.67	7.27	3.43	5.73	-0.16	11.73	14.06	14.76
47	1.67	4.20	-1.84	7.32	-0.66	8.84	12.80	14.76
48	1.37	3.59	-5.62	7.62	-4.06	6.84	12.77	15.33
49	0.77	2.19	-5.83	7.91	-3.86	4.26	12.08	15.43
50	0.37	1.09	-7.32	7.58	-2.86	2.96	11.65	15.42

RECORD=S-340 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=SHINAGAHAMA-S
 DATE AND TIME=1968-07-01-19-45 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMREQ OF DATA= 7000

NO.	(3000)	(3050)	(3100)	(3150)	(3200)	(3250)	(3300)	(3350)	(3400)	(3450)
1	15.32	1.45	1.68	6.90	13.05	8.97	-4.82	-9.92	-5.85	1.68
2	15.22	-0.35	1.28	6.49	13.34	3.36	-7.01	-7.15	-5.65	2.98
3	15.07	-0.55	1.18	5.10	13.31	2.96	-7.00	-4.88	-5.15	3.78
4	14.10	-1.05	0.78	4.30	12.63	2.76	-5.90	-4.78	-5.15	4.38
5	13.58	0.05	-0.03	2.50	12.42	0.96	-4.70	-3.68	-4.95	4.98
6	12.51	0.64	-0.73	1.30	11.90	-1.64	-2.11	-2.28	-4.84	5.07
7	6.50	1.94	-0.03	0.70	10.90	-4.65	-0.81	0.82	-1.16	4.97
8	4.70	2.34	0.17	-0.50	9.70	-5.95	-0.51	3.82	-0.26	5.07
9	2.71	2.84	0.97	-1.10	8.40	-6.36	0.28	3.92	0.84	4.97
10	-0.09	2.94	1.47	-2.71	6.42	-7.99	0.48	4.91	1.04	4.97
11	-4.79	2.64	1.97	-3.51	5.81	-11.28	3.18	5.42	4.87	4.87
12	-4.99	2.34	2.16	-3.71	3.42	-12.26	3.18	6.41	3.04	4.67
13	-5.09	1.93	1.86	-4.51	3.32	-12.55	3.18	6.41	2.54	4.66
14	-3.49	1.93	1.56	-5.81	3.12	-12.54	3.18	7.01	2.53	4.46
15	-1.00	1.53	0.96	-6.44	3.72	-12.12	3.18	7.22	2.23	4.36
16	1.30	0.44	-0.44	-9.33	4.32	-11.12	3.17	8.61	1.63	4.76
17	2.90	0.73	-2.25	-10.52	5.02	-9.73	3.17	9.00	1.63	4.66
18	5.43	0.23	-5.75	-10.83	6.60	-8.19	3.17	9.10	1.43	4.56
19	9.64	4.33	-6.15	-11.32	5.61	-3.65	4.07	9.01	1.83	4.66
20	11.85	5.54	-6.45	-11.30	5.61	-0.76	4.92	9.92	2.63	4.75
21	13.52	8.40	-6.65	-10.61	4.80	1.44	7.27	11.00	3.03	4.65
22	11.54	13.81	-6.86	-10.29	2.61	1.44	7.89	11.09	4.13	4.65
23	9.67	16.00	-8.37	-9.12	1.31	2.64	9.59	11.10	5.04	4.95
24	8.76	17.42	-9.55	-8.81	1.00	4.74	10.78	11.41	7.63	4.95
25	7.18	18.91	-9.46	-8.09	-1.50	5.24	11.68	12.02	8.82	4.95
26	6.07	18.80	-9.54	-5.51	-0.90	6.34	12.29	13.11	9.02	5.05
27	3.48	18.56	-8.55	-2.22	-0.70	6.95	13.16	13.62	8.92	4.94
28	1.58	17.75	-7.84	2.87	-0.70	9.04	13.31	14.39	8.91	4.94
29	0.68	15.41	-6.24	3.38	2.60	9.65	14.58	14.39	8.61	4.64
30	-2.52	13.38	-4.15	6.51	4.11	10.75	15.15	14.47	8.41	4.54
31	-3.32	12.57	-0.06	11.09	7.15	11.74	15.17	14.17	8.50	4.23
32	-4.32	11.51	1.14	11.90	11.90	12.34	15.51	13.95	8.09	3.24
33	-4.13	11.54	2.44	13.07	12.18	12.85	16.58	13.67	7.00	2.44
34	-5.43	12.81	4.24	13.36	11.78	13.74	17.14	13.15	6.60	2.13
35	-5.83	12.91	7.14	13.36	11.26	14.35	17.03	12.47	6.10	1.73
36	-6.23	13.01	8.25	13.34	10.35	15.12	16.56	12.15	5.20	1.53
37	-6.23	13.09	9.88	12.81	8.77	15.22	16.54	11.24	4.10	1.33
38	-6.12	12.50	17.19	11.34	7.96	15.41	13.90	6.56	3.30	1.33
39	-5.33	12.76	20.72	10.82	6.18	15.31	13.57	5.46	3.00	1.33
40	-4.32	11.58	20.79	9.41	5.58	15.31	2.44	4.66	2.50	1.33
41	-1.13	10.88	21.54	7.25	5.88	15.31	1.44	2.66	2.40	1.32
42	1.36	6.57	22.71	6.85	5.88	15.31	-0.76	1.46	2.59	1.32
43	2.27	4.59	23.66	6.55	5.89	15.40	-4.77	0.56	2.49	1.22
44	9.37	3.58	22.82	6.76	6.90	15.17	-6.67	-1.44	2.29	1.22
45	9.66	1.59	21.84	7.56	9.30	12.54	-7.18	-1.64	1.29	1.22
46	9.55	0.99	20.16	8.95	10.79	10.78	-8.48	-2.34	1.19	1.12
47	9.32	0.69	18.37	9.34	11.27	9.98	-9.39	-2.94	1.19	1.82
48	7.55	0.14	16.45	9.39	11.66	4.59	-10.68	-3.04	0.99	2.72
49	7.01	1.18	15.11	11.96	10.85	2.29	-10.97	-3.65	1.31	3.22
50	2.85	1.48	9.27	12.65	9.95	-0.50	-10.76	-4.25	1.78	4.92

RECORD=S-340 COMPONENT=N-S SIGNAL=GR.ACC. STATION=SHINAGAWA-S
 DATE AND TIME=1968-07-01-19:45 SAMPLING INTERVAL= 0.010(SEC) CORRECTION=ZERO.ARC TOTAL NUMBER OF DATA= 7000
 FORMAT NO.=301

NO.	(3500)	(3650)	(3700)	(3750)	(3800)	(3850)	(3900)	(3950)
1	6.33	2.87	1.92	0.15	-6.52	4.61	14.35	4.87
2	8.74	1.87	1.12	0.85	-6.71	4.61	14.70	4.87
3	10.52	0.76	0.32	1.95	-6.12	4.61	15.96	4.86
4	10.91	6.85	-4.68	2.75	-6.12	4.91	16.51	4.66
5	10.91	8.84	5.22	5.35	-5.52	4.91	17.68	4.36
6	11.10	9.54	-5.24	5.85	-5.42	5.10	18.34	4.16
7	10.98	10.04	8.32	5.95	-5.43	5.10	18.42	4.06
8	10.00	10.53	5.29	6.55	-5.43	4.59	18.53	4.16
9	9.98	10.61	5.29	6.75	-5.43	3.10	18.53	4.46
10	8.98	0.95	-5.29	7.15	-5.43	1.70	18.33	4.46
11	8.16	2.76	-9.21	3.78	-5.43	0.00	18.30	5.16
12	5.99	9.32	-9.02	7.97	-5.43	-0.50	17.97	5.16
13	4.99	9.12	-1.89	9.97	-5.43	-1.51	17.17	5.95
14	4.09	9.02	-1.39	11.47	-5.43	-2.31	16.29	5.95
15	2.99	9.22	0.19	12.53	-5.43	-2.81	15.65	5.95
16	2.99	9.43	0.50	12.53	-0.44	-2.81	10.14	6.25
17	2.89	10.03	1.40	12.53	0.46	-2.81	6.59	6.55
18	2.69	10.65	2.40	12.52	1.76	-3.72	3.71	6.95
19	2.28	12.23	4.34	12.43	3.26	-5.12	1.01	7.75
20	1.98	12.62	6.37	12.43	4.36	-5.52	-3.69	8.36
21	1.68	12.83	8.47	12.52	6.77	-6.63	-4.30	9.65
22	1.18	13.20	7.18	12.52	8.47	-7.32	-5.59	10.34
23	0.38	13.19	6.90	12.73	8.86	-7.54	-5.89	10.44
24	-1.82	12.68	8.00	12.73	10.57	-8.94	-6.00	10.43
25	-3.12	11.89	8.62	13.12	10.57	-8.94	-6.00	10.43
26	-3.13	11.59	4.73	13.12	11.66	-9.64	-6.09	10.13
27	-3.63	10.86	5.23	13.42	12.15	-10.24	-5.60	10.03
28	-4.93	9.25	5.53	13.41	12.14	-10.63	-5.49	9.92
29	-5.03	6.79	5.63	13.30	12.14	-10.63	-4.10	9.62
30	-5.03	6.39	6.13	12.99	12.13	-10.62	-3.30	9.33
31	-5.03	5.48	6.03	12.49	11.62	-10.23	-1.70	9.33
32	-3.73	3.49	6.33	11.79	10.93	-9.92	-1.70	9.33
33	-3.23	3.09	6.62	8.67	11.05	-9.21	-1.71	9.62
34	-2.73	2.79	6.61	8.84	10.23	-7.81	-1.71	9.62
35	-1.14	2.69	6.02	8.54	9.93	-5.52	-1.71	9.51
36	-0.84	2.79	5.67	4.70	9.93	-3.53	-1.71	9.10
37	-0.54	2.79	5.07	3.60	10.44	-0.84	-1.71	8.22
38	-0.34	2.79	4.67	2.60	10.44	0.16	-1.91	8.09
39	0.76	2.88	4.27	1.80	11.06	0.16	-1.91	8.09
40	0.75	3.08	3.87	-1.10	12.04	1.66	-1.91	6.41
41	0.85	3.18	3.27	-2.10	12.43	2.36	-1.92	6.21
42	0.95	2.88	2.21	-2.40	12.43	3.16	-1.92	5.51
43	1.15	2.88	1.41	-3.61	12.41	4.26	-1.72	4.71
44	1.65	2.78	1.11	-4.91	11.89	6.36	-1.42	4.31
45	3.35	3.38	1.06	-5.41	10.89	7.66	-0.52	4.01
46	4.05	3.88	0.40	-5.81	9.50	8.76	0.48	4.11
47	4.84	4.88	0.50	-6.61	8.41	9.47	1.18	4.00
48	4.94	5.37	1.94	-6.51	7.90	10.46	2.18	3.70
49	4.94	4.76	2.14	-6.61	6.60	10.98	4.27	3.10
50	4.94	3.37	-2.04	-6.51	5.31	12.45	4.37	2.70
			-1.44	-6.52	4.61	12.80	4.87	2.20

No.	RECORD=S-340 DATE AND TIME=1968-07-01-19-45										COMPONENT=N-S										SIGNAL=FGR.ACC. SAMPLING INTERVAL= 0.0101SEC										CORRECTION=FZFRD.ARC FORMAT NO.=301										STATION=SHINAGAWA-S TOTAL NUMBER OF DATA= 7000									
	{ 4000}	{ 4050}	{ 4100}	{ 4150}	{ 4200}	{ 4250}	{ 4300}	{ 4350}	{ 4400}	{ 4450}	{ 4000}	{ 4050}	{ 4100}	{ 4150}	{ 4200}	{ 4250}	{ 4300}	{ 4350}	{ 4400}	{ 4450}	{ 4000}	{ 4050}	{ 4100}	{ 4150}	{ 4200}	{ 4250}	{ 4300}	{ 4350}	{ 4400}	{ 4450}	{ 4000}	{ 4050}	{ 4100}	{ 4150}	{ 4200}	{ 4250}	{ 4300}	{ 4350}	{ 4400}	{ 4450}										
1	1.50	-3.78	-6.84	1.88	11.91	5.74	2.30	9.77	-5.27	-1.64																																								
2	0.80	-5.58	-6.65	0.88	11.91	6.14	2.30	9.77	-6.27	-2.35																																								
3	-0.51	-5.78	-6.65	0.88	11.91	6.24	2.20	9.77	-6.28	-2.85																																								
4	-1.81	-6.20	-6.15	0.38	11.91	6.45	2.39	9.97	-5.67	-2.75																																								
5	-2.61	-8.90	-6.15	-0.12	11.91	6.33	2.39	10.87	-5.67	-3.45																																								
6	-3.31	-9.79	-5.84	-0.72	11.90	5.73	2.39	10.87	-4.78	-4.15																																								
7	-3.31	-10.18	-3.45	-1.73	11.90	5.63	2.39	11.16	-4.28	-4.45																																								
8	-3.31	-10.28	-0.76	-1.93	11.69	5.13	2.39	11.16	-3.28	-4.45																																								
9	-3.31	-10.18	-0.16	-1.93	11.29	4.35	2.39	11.15	-1.98	-4.56																																								
10	-2.91	-9.77	1.54	-2.23	10.79	4.03	2.38	10.83	-1.49	-4.46																																								
11	-2.52	-8.73	2.34	-2.43	10.50	4.03	1.98	10.83	-0.99	-4.06																																								
12	-2.52	-5.17	3.44	-2.63	10.59	4.93	1.68	7.93	1.01	-3.76																																								
13	-2.52	-1.39	3.44	-2.83	10.49	4.93	1.68	6.04	1.01	-3.26																																								
14	-2.42	-0.99	3.44	-3.34	10.34	5.63	1.68	4.15	1.81	-2.86																																								
15	-2.32	0.41	3.43	-3.74	9.89	6.12	1.58	2.65	3.01	-2.36																																								
16	-1.92	2.11	3.13	-4.04	9.57	6.32	1.58	1.75	3.81	-1.37																																								
17	-1.73	2.91	2.23	-4.34	8.48	6.31	1.68	0.55	5.61	-0.47																																								
18	-1.63	4.32	1.83	-4.64	7.56	5.81	1.67	0.15	7.01	0.23																																								
19	-0.93	7.72	1.33	-5.34	5.67	5.21	2.07	-0.36	7.82	0.83																																								
20	0.17	9.53	1.33	-5.35	3.88	4.11	1.97	-0.66	9.32	1.23																																								
21	0.77	11.22	1.33	-5.55	2.38	1.91	1.97	-0.76	10.30	2.63																																								
22	1.57	12.12	1.32	-5.55	1.28	0.01	1.97	-0.66	10.21	3.63																																								
23	2.17	12.86	1.92	-5.54	-0.12	-1.09	1.87	-0.76	10.81	6.23																																								
24	2.67	14.85	3.12	-4.95	-1.62	-3.89	1.97	-0.66	11.20	7.54																																								
25	3.46	15.88	3.82	-4.95	-2.72	-4.19	1.96	-0.66	11.31	8.94																																								
26	3.86	17.40	4.83	-4.95	-4.13	-4.19	1.96	-0.77	11.93	10.12																																								
27	4.16	17.49	8.04	-4.95	-5.93	-4.20	2.26	-0.67	13.30	10.22																																								
28	5.06	17.49	9.75	-4.85	-7.88	-4.20	2.96	-0.87	13.80	10.21																																								
29	5.96	17.43	11.55	-4.66	-9.33	-3.50	3.46	-0.67	13.84	9.70																																								
30	6.16	16.47	12.64	-4.66	-6.43	-2.90	3.66	-0.67	15.01	8.79																																								
31	6.15	14.49	13.55	-4.36	-6.53	-2.00	4.06	-0.27	15.58	7.49																																								
32	6.15	12.51	14.54	-4.06	-6.74	-2.00	4.75	0.23	15.58	5.80																																								
33	6.05	10.33	15.12	-2.46	-7.13	-1.60	4.75	1.02	15.58	4.11																																								
34	5.44	8.06	15.41	-1.76	-7.14	-1.11	4.05	1.52	15.53	3.60																																								
35	4.34	6.47	15.38	-0.17	-7.14	-0.51	3.65	2.22	14.63	2.31																																								
36	2.85	5.77	14.86	0.53	-7.14	-0.21	3.15	3.02	13.54	1.71																																								
37	1.94	4.57	13.97	1.93	-7.14	1.19	2.35	3.72	12.62	1.20																																								
38	0.84	4.17	13.04	3.43	-7.14	1.59	1.65	4.42	11.02	0.80																																								
39	0.14	4.17	11.44	4.03	-6.64	2.49	1.04	5.02	8.84	0.00																																								
40	-0.46	4.17	9.37	4.03	-6.34	4.29	0.24	5.01	7.06	-0.50																																								
41	-1.06	4.17	7.67	4.03	-6.04	5.99	-0.26	5.01	5.86	-2.20																																								
42	-1.16	3.97	5.79	4.02	-5.84	6.50	-0.56	4.27	4.27	-6.01																																								
43	-1.06	3.56	5.09	4.02	-4.64	8.20	-2.06	3.57	3.57	-4.61																																								
44	-1.16	2.56	4.09	4.33	-2.65	4.11	-2.96	3.06	3.06	-5.41																																								
45	-1.17	1.96	3.89	5.53	-1.65	10.38	-3.77	1.76	1.76	-6.41																																								
46	-1.17	0.66	3.69	6.73	-0.95	10.38	-4.27	1.16	1.16	-6.41																																								
47	-1.17	-1.44	3.69	7.83	0.05	10.37	-4.67	0.66	0.66	-6.71																																								
48	-1.57	-3.54	3.69	8.45	1.55	10.07	-5.07	2.30	2.30	-6.61																																								
49	-1.97	-4.45	3.68	10.35	1.94	9.87	-6.07	2.20	2.20	-6.61																																								
50	-2.77	-5.85	2.68	11.91	2.55	9.77	-6.127	2.20	2.20	-6.41																																								

NO.	(4500)	(4550)	(4600)	(4650)	(4700)	(4750)	(4800)	(4850)	(4900)	(4950)
1	-6.41	-4.59	2.64	11.26	0.50	1.53	3.05	6.48	10.51	2.84
2	-6.00	-5.30	2.04	10.96	-0.90	1.13	1.45	6.38	10.51	3.04
3	-4.21	-6.49	1.84	10.55	-2.80	0.62	0.35	6.28	10.31	3.24
4	-3.02	-6.49	1.34	9.86	-3.41	0.22	-0.95	6.18	10.30	3.64
5	-2.52	-6.49	1.34	9.33	-3.41	0.22	-2.05	6.98	10.00	3.84
6	-2.12	-6.49	1.33	7.76	-3.41	0.22	-2.45	6.08	9.40	4.03
7	-1.02	-6.49	0.83	7.36	-2.91	0.22	-2.45	5.78	9.19	3.33
8	-0.13	-6.29	0.43	7.15	-2.61	0.52	-2.25	5.57	8.60	3.23
9	0.57	-5.19	0.03	5.75	-1.71	1.02	-1.15	5.17	8.29	2.93
10	0.77	-4.60	-0.37	4.05	-0.91	1.12	-0.96	4.07	7.29	2.73
11	1.67	-4.10	-0.67	3.25	-0.82	1.81	-0.56	3.07	6.69	2.53
12	2.77	-3.80	-1.17	2.85	-0.82	2.21	-0.16	2.27	5.99	2.43
13	4.28	-3.20	-1.48	1.25	-0.92	2.21	0.94	1.07	5.49	1.53
14	6.57	-3.21	-1.98	-0.55	-1.32	2.21	1.14	0.07	4.99	1.12
15	7.50	-3.21	-2.68	-2.75	-2.72	2.21	1.84	-0.93	3.89	0.82
16	10.78	-3.21	-3.28	-4.46	-4.33	2.21	2.64	-2.14	3.09	0.82
17	11.38	-3.21	-4.08	-6.27	-5.73	2.21	2.63	-3.04	2.79	0.82
18	12.00	-2.71	-3.98	-7.96	-6.73	2.40	3.03	-3.04	1.39	0.82
19	13.20	-2.71	-4.08	-8.58	-6.73	2.80	3.43	-3.34	1.09	0.82
20	14.39	-2.61	-4.08	-9.87	-6.73	3.10	3.83	-3.74	0.89	0.82
21	15.17	-1.72	-3.49	-10.36	-6.71	3.50	3.83	-3.74	0.59	0.71
22	15.45	-1.22	-2.79	-10.86	-5.22	3.80	3.53	-3.85	0.02	0.71
23	15.45	-0.22	-2.49	-10.36	-2.83	4.80	3.12	-4.15	-0.52	0.71
24	15.45	-0.69	-2.69	-10.35	-2.63	5.10	2.52	-4.35	-1.02	0.81
25	15.44	0.58	-0.19	-9.82	-0.83	5.80	1.72	-4.85	-1.52	0.91
26	15.34	1.38	1.31	-7.75	1.06	6.49	1.02	-5.76	-1.72	1.41
27	15.24	1.78	3.01	-6.36	1.86	6.49	0.82	-6.95	-1.82	1.61
28	15.13	3.28	3.30	-6.14	2.86	6.49	-0.58	-7.25	-2.62	2.10
29	14.82	3.88	3.61	-2.77	4.66	6.39	-0.98	-7.26	-1.93	2.40
30	14.31	5.17	4.90	-2.57	4.76	6.39	-1.08	-7.77	-1.63	2.80
31	13.51	5.38	5.30	-1.37	4.76	6.29	-1.08	-8.56	-1.13	3.20
32	12.80	6.18	6.10	-0.47	5.15	6.29	-0.99	-8.55	-0.73	3.60
33	11.82	7.38	7.00	0.92	5.15	6.28	-0.29	-8.05	-0.53	3.90
34	11.02	8.18	7.71	1.42	5.15	6.18	0.11	-6.95	0.67	4.00
35	10.20	8.88	8.80	2.62	5.15	6.48	0.51	-6.25	0.87	4.20
36	8.81	9.06	9.50	3.92	5.45	6.88	0.71	-5.05	1.56	4.59
37	7.51	9.05	10.02	4.72	5.45	7.49	1.01	-3.26	2.26	4.69
38	5.82	8.05	11.20	5.52	5.55	8.58	1.00	-2.27	2.46	4.49
39	4.62	8.06	11.50	5.82	5.75	8.57	1.00	-1.27	2.46	4.39
40	3.42	7.85	11.81	6.52	6.24	8.57	1.10	-0.27	2.76	4.59
41	1.83	7.35	12.49	6.91	6.24	8.57	1.30	0.93	2.56	4.69
42	0.92	6.84	12.79	6.91	6.24	8.57	1.70	2.53	2.36	4.78
43	0.82	6.54	13.08	6.91	6.24	8.57	2.30	4.43	2.05	4.78
44	0.12	5.25	13.08	6.91	5.94	8.27	2.90	5.74	1.75	4.68
45	-0.38	4.64	13.06	6.91	5.63	8.36	3.40	7.74	1.25	4.48
46	-0.58	3.45	12.68	6.89	5.13	8.16	4.80	8.74	1.05	4.08
47	-0.68	3.35	12.67	6.89	5.13	7.56	5.40	10.02	1.45	3.88
48	-1.18	3.25	12.36	4.50	3.25	7.04	6.09	10.12	1.65	3.87
49	-1.88	2.84	11.76	2.80	2.93	5.06	6.59	10.22	2.45	2.97
50	-2.59	2.84	11.47	1.50	2.23	4.25	6.68	10.52	2.84	2.67

RECORD=S-340
DATE AND TIME=1968-07-01-19-45
COMPONENT=N-S
SIGNAL=GR.ACC.
CORRECTION=ZERO.ARC
TOTAL NUMBER OF DATA= 7000
STATION=SHINAGAWA-S
FORMAT NO.=301
SAMPLING INTERVAL= 0.0101(SEC)

NO.	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)
1	1.47	-8.30	4.13	4.56	10.49	3.02	-3.26	-1.53	2.40	-1.47
2	0.77	-8.50	3.83	4.35	10.49	3.21	4.35	-1.73	1.90	-0.67
3	0.37	-8.71	3.32	4.05	10.59	3.71	-2.36	-2.23	0.90	-0.57
4	0.07	-9.00	2.82	3.35	10.88	4.01	-1.76	-2.43	0.10	-1.07
5	-0.43	-9.00	2.62	2.85	10.98	4.41	-1.66	-2.63	-0.20	-0.38
6	-0.64	-8.70	1.92	2.55	10.98	4.41	-1.66	-3.03	-0.51	-0.18
7	-0.74	-8.51	1.32	2.15	10.97	4.91	-0.86	-3.03	-0.61	-1.58
8	-0.34	-8.41	0.72	1.35	10.77	4.91	-0.97	-2.24	-1.11	0.02
9	0.06	-8.20	0.52	0.85	10.47	5.00	-0.07	-1.74	-1.11	0.12
10	0.46	-7.41	-0.18	0.64	10.36	5.11	0.33	-1.44	-1.81	0.72
11	2.06	-7.21	-0.99	0.54	9.76	5.60	0.33	-0.54	-1.41	1.22
12	2.76	-7.21	-1.39	0.34	8.96	5.60	1.03	-0.04	-1.31	1.21
13	4.46	-7.11	-1.59	0.14	8.55	5.60	1.65	0.26	-1.42	2.51
14	5.56	-6.51	-1.49	0.14	7.56	6.20	1.03	0.35	-1.32	4.01
15	6.16	-5.81	-1.59	0.24	6.56	6.40	2.12	0.65	-1.42	4.11
16	7.15	-4.52	-1.49	0.24	5.96	6.50	2.32	0.55	-1.12	4.61
17	7.45	-3.32	-1.09	-0.17	4.86	6.89	2.32	1.65	-1.02	5.50
18	7.45	-2.52	-1.00	-0.37	3.86	7.09	3.12	1.55	-0.62	4.20
19	8.15	-1.53	-0.60	-0.97	2.56	6.79	2.42	0.45	-0.52	4.00
20	8.45	0.37	-0.60	-1.17	1.56	6.49	3.82	0.85	-0.53	4.10
21	8.64	0.67	-0.60	-1.47	0.46	6.38	3.62	0.54	-0.33	2.60
22	8.53	1.67	-1.20	-2.07	-0.15	5.48	4.31	0.34	-0.33	2.50
23	8.14	2.67	-1.40	-2.17	-1.45	4.88	4.32	0.24	-0.13	2.30
24	8.04	3.47	-1.81	-1.88	-3.45	4.38	5.11	0.24	-0.23	2.40
25	7.93	4.87	-2.71	-1.68	-4.06	2.68	4.71	0.14	-0.43	2.10
26	7.33	5.47	-2.71	-1.48	-5.65	1.98	5.50	-0.06	-0.13	2.69
27	7.33	6.67	-2.01	-1.18	-6.26	1.48	6.30	-0.26	-0.14	3.49
28	7.13	7.67	-1.41	-0.38	-7.06	0.08	6.21	-0.27	-1.24	3.69
29	6.12	8.47	-1.41	0.42	-7.46	-0.43	6.49	-0.47	-0.24	3.99
30	5.22	9.06	-0.61	0.71	-7.46	-1.33	5.60	-0.47	-0.44	4.69
31	4.42	9.16	0.58	1.61	-7.46	-1.53	5.80	-0.47	-1.04	4.39
32	4.02	8.75	1.28	3.61	-7.46	-1.93	5.79	-0.27	-1.44	4.79
33	3.52	8.65	1.28	3.81	-7.46	-2.33	4.79	0.13	-1.85	5.39
34	2.82	8.14	0.98	4.51	-7.46	-2.53	4.40	0.12	-1.65	5.98
35	2.42	7.74	0.78	5.01	-7.46	-3.74	4.39	0.22	-1.85	5.68
36	1.42	7.42	0.67	5.21	-7.36	-5.04	3.99	0.12	-1.85	5.98
37	0.72	6.94	0.67	5.71	-6.76	-6.76	3.99	0.12	-2.05	5.88
38	-0.59	6.74	0.57	6.40	-6.16	-5.34	2.99	1.62	-2.05	5.97
39	-1.59	6.54	0.77	6.60	-4.76	-5.34	2.69	2.32	-2.15	5.77
40	-3.19	6.54	0.77	6.60	-3.57	-5.04	2.68	2.31	-2.06	5.77
41	-4.79	6.80	1.27	6.80	-2.77	-4.94	2.08	2.61	-1.86	6.77
42	-5.30	7.21	2.37	7.21	-1.78	-4.85	2.08	2.61	-1.66	6.37
43	-4.79	7.84	2.97	8.00	-1.18	-4.85	1.58	2.61	-1.66	5.16
44	-5.30	8.40	3.77	8.40	-0.38	-4.45	1.58	3.71	-1.36	4.07
45	-6.10	8.60	4.56	8.60	-0.38	-4.05	0.48	3.61	-1.46	3.96
46	-7.00	8.73	4.86	9.30	-3.85	-3.85	0.28	3.61	-1.46	3.16
47	-7.60	8.73	4.86	9.80	-3.85	-3.85	0.28	3.61	-1.37	2.26
48	-8.00	8.73	4.86	10.10	-3.85	-3.85	0.28	3.61	-1.37	1.56
49	-8.00	8.73	4.86	10.10	-3.85	-3.85	0.28	3.61	-1.37	1.56
50	-8.00	8.73	4.86	10.10	-3.85	-3.85	0.28	3.61	-1.37	1.56

RECORD# = 3340
 DATE AND TIME = 068-07-01-10-45

COMPONENT = E-W
 SIGNAL = GP. ACC.
 CORRECTION = ASC. ERR.
 INTERVAL = 0.010 (SEC)
 FORMAT NO. = 331

STATION = SHINAGAWA-S
 TOTAL NUMBER OF DATA = 7000

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	0.00	3.66	15.59	14.13	-0.20	6.46	-0.30	19.77	1.10	7.64
2	2.70	5.56	17.28	13.68	-0.90	7.06	-0.30	19.87	5.61	6.95
3	3.49	7.70	18.58	11.94	-0.80	7.67	1.10	18.91	6.72	6.63
4	1.20	11.57	19.59	8.58	-0.20	9.67	2.80	16.85	8.94	4.94
5	0.20	12.23	19.84	4.43	2.30	10.86	4.51	10.67	11.21	4.15
6	3.30	11.89	17.27	1.54	5.71	11.31	7.02	7.51	11.49	3.75
7	4.29	9.80	13.63	-1.66	7.76	10.14	9.06	4.23	11.36	4.15
8	4.14	7.82	7.81	-2.86	12.45	9.67	12.60	0.04	9.97	4.85
9	4.09	5.83	-0.11	-3.86	14.13	6.09	15.72	-0.06	8.98	5.44
10	3.59	3.74	-4.02	-3.95	14.99	-0.26	18.00	-2.26	8.39	5.44
11	2.59	2.94	-6.02	-0.26	14.86	-3.06	18.20	-0.36	8.21	4.74
12	3.19	2.44	-7.72	0.59	14.01	-3.46	19.69	3.35	9.20	3.94
13	4.69	2.54	-8.70	11.00	9.90	-3.25	20.71	6.97	9.71	3.64
14	5.91	2.64	-7.87	13.81	5.76	-0.26	19.81	9.59	10.60	4.44
15	7.61	3.04	-4.61	15.54	1.78	4.74	18.73	11.97	11.18	5.44
16	9.55	2.93	-4.10	15.54	-2.02	5.65	15.29	12.77	10.74	5.85
17	7.53	2.43	0.38	13.69	-3.52	7.85	9.51	10.79	9.06	7.47
18	3.96	1.33	1.38	19.17	-3.92	8.84	5.66	8.81	7.36	10.30
19	-0.12	0.33	1.88	7.21	-4.00	9.21	2.48	7.39	4.97	13.08
20	3.59	-0.37	2.68	5.42	2.29	7.71	-2.12	3.42	2.58	14.28
21	5.99	-0.87	2.98	2.83	7.11	6.32	-5.42	0.03	-2.02	15.36
22	7.47	-1.87	3.78	2.53	9.62	5.12	-6.43	-0.17	-5.43	15.85
23	6.76	-2.57	4.59	3.73	11.82	3.33	-7.71	2.83	-6.53	16.15
24	4.75	-3.37	6.18	3.83	13.02	1.73	-7.01	3.54	-7.72	16.54
25	-0.02	-3.97	6.38	4.23	14.40	2.93	-6.22	7.25	-8.01	16.74
26	-1.63	-3.67	7.18	4.52	8.75	3.43	-6.02	8.97	-7.41	16.90
27	-2.43	-3.37	7.77	3.91	7.04	3.52	-5.83	11.53	-6.10	16.47
28	-1.73	-2.28	7.77	0.82	4.07	3.12	-6.23	11.47	-3.41	15.33
29	0.57	-1.88	7.36	-3.18	2.57	1.12	-6.53	9.43	0.97	11.58
30	1.97	-0.08	6.21	-6.19	2.07	-0.28	-6.73	4.79	4.28	6.69
31	1.87	1.02	-1.63	-7.29	2.67	-3.38	-6.82	-2.79	6.28	3.21
32	0.57	2.52	-7.49	-7.86	3.48	-5.60	-6.42	-6.73	6.87	-0.48
33	-0.03	3.72	-12.21	-6.56	5.67	-8.21	-5.72	-12.42	6.96	-3.69
34	-1.93	4.52	-17.60	-4.07	6.27	-10.49	-3.53	-13.47	5.96	-6.43
35	-1.63	5.22	-18.48	-1.98	6.66	-10.62	-2.23	-10.58	4.36	-11.79
36	0.67	6.02	-17.65	-1.34	6.56	-8.27	-2.03	-6.37	2.56	-12.00
37	3.57	6.21	-14.80	-0.29	6.26	-7.84	-0.93	-4.25	0.17	-9.44
38	5.37	5.81	-7.88	0.01	5.71	-4.26	-1.04	3.63	-1.44	-6.98
39	6.17	4.91	-4.03	0.21	-2.54	3.12	-2.24	7.66	-4.75	-6.45
40	6.95	3.71	-2.23	0.51	-8.18	5.52	-4.85	11.38	-6.95	-2.68
41	6.95	2.01	4.07	0.31	-10.70	6.23	-6.85	13.83	-8.45	0.21
42	6.23	0.31	7.77	0.51	-9.21	8.44	-8.15	14.12	-9.52	3.41
43	5.15	-0.09	8.26	0.41	-7.43	10.23	-8.64	12.01	-8.38	3.41
44	3.35	-0.39	8.71	0.51	-6.62	11.16	-8.28	9.98	-4.13	1.91
45	1.26	-0.79	11.81	3.21	-4.22	9.49	-4.31	7.46	-0.44	0.61
46	-0.54	-0.39	15.47	6.51	1.76	8.79	3.47	3.50	2.66	0.91
47	-1.45	0.40	13.77	3.91	3.56	7.68	9.35	-0.49	4.16	0.19
48	-2.45	3.11	14.16	4.00	3.66	5.68	14.30	-3.00	5.16	-1.60
49	-2.05	6.73	14.37	3.80	5.45	1.70	17.53	-4.09	5.57	-2.40
50	-0.05	9.72	14.63	1.80	5.66	-0.10	18.73	-2.19	7.46	-2.90

RECORD=S-340 COMPONENT=E-H SIGNAL=GR.ACC CORRECTION=ARC.ERR. STATION=SHINAGAWA-S
 DATE AND TIME=1968-07-01-19-45 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 7000

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	-3.20	7.19	-6.98	-8.58	-7.83	-0.55	16.80	3.06	27.32	-48.80
2	-4.20	11.02	-4.99	-4.61	-10.63	1.45	16.64	5.86	29.68	-48.75
3	-4.80	13.53	-3.80	2.96	-12.10	4.76	15.65	7.07	34.21	-47.59
4	-5.80	12.86	-2.40	6.75	-12.10	5.96	14.51	9.05	40.51	-45.30
5	-6.29	10.36	1.30	7.16	-12.06	7.15	10.35	8.92	43.26	-39.99
6	-4.60	6.41	3.20	8.44	-10.67	7.14	4.19	7.13	43.20	-30.42
7	-4.17	2.73	3.30	7.69	-9.27	6.73	1.60	5.50	43.24	-20.69
8	3.51	-6.00	5.00	3.34	-7.65	5.14	1.70	-1.05	42.83	-8.45
9	10.20	-12.05	5.30	0.34	-3.69	4.64	3.00	-3.36	38.35	4.18
10	14.94	-15.01	6.90	-6.60	1.80	2.64	5.11	-4.76	27.85	13.26
11	18.02	-18.11	7.54	-11.55	6.61	2.34	7.15	-6.16	15.46	19.07
12	21.15	-18.63	11.20	-14.91	8.54	2.34	11.95	-6.86	12.78	23.84
13	21.59	-16.49	15.09	-18.07	11.85	2.34	13.68	-6.76	6.87	30.46
14	20.40	-8.85	17.17	-19.61	13.79	2.84	13.49	-6.75	4.99	31.34
15	17.27	-2.25	18.53	-20.03	13.68	3.14	13.57	-5.95	4.79	31.32
16	15.22	6.06	20.70	-18.28	13.38	3.14	13.12	-4.86	4.79	30.68
17	10.08	9.57	25.10	-13.01	10.59	3.34	11.05	-4.06	5.62	26.96
18	5.47	16.10	27.23	-3.64	6.46	3.14	5.78	-4.06	11.09	18.84
19	3.47	17.15	27.95	4.90	3.77	3.14	4.56	-4.57	15.08	16.33
20	-3.03	17.35	27.56	16.97	-0.22	3.13	-1.92	-5.27	16.97	14.54
21	-7.34	17.64	26.05	25.80	-3.92	3.13	-9.42	-6.89	16.52	14.63
22	-9.02	17.72	23.66	30.92	-3.91	2.93	-14.93	-8.77	11.95	14.70
23	-9.07	17.42	20.40	34.29	-2.61	2.33	-17.33	-8.77	1.57	18.63
24	-6.20	15.67	18.34	38.69	0.28	1.13	-18.92	-8.76	-13.28	25.37
25	-3.51	12.75	15.12	38.89	4.29	1.03	-18.91	-7.93	-25.58	28.80
26	2.49	10.57	11.85	37.35	7.73	-0.67	-18.62	-4.86	-31.24	29.85
27	9.55	8.00	7.76	32.52	11.57	-0.77	-17.15	-1.87	-34.34	33.70
28	13.19	6.41	6.77	28.65	14.89	-0.77	-14.27	-0.87	-39.42	36.18
29	16.29	4.41	6.37	24.21	15.18	-0.87	-8.60	-0.87	-40.38	36.33
30	16.47	0.02	5.28	17.99	15.16	-0.78	-6.89	-0.88	-36.27	36.30
31	16.45	-0.18	5.99	10.67	14.79	-0.68	-3.80	-0.88	-24.90	35.87
32	15.99	-0.18	7.70	4.60	13.10	0.82	5.08	-0.88	-10.17	33.96
33	14.50	0.72	10.08	-0.28	11.07	1.72	6.50	-3.08	4.98	30.62
34	12.97	1.12	10.35	-3.88	7.15	1.72	9.29	-4.79	7.03	28.76
35	10.11	1.72	9.55	-5.08	5.15	0.82	15.65	-6.79	13.04	27.47
36	7.53	2.02	8.31	-5.38	1.17	-0.28	17.08	-7.59	14.97	27.19
37	4.46	2.02	4.76	-5.48	1.07	1.28	17.27	-7.88	14.65	27.26
38	2.46	1.92	3.15	-5.26	1.07	-2.69	17.37	-7.84	7.93	28.60
39	-0.54	1.71	-2.24	-4.78	1.07	4.58	17.35	-4.84	-2.25	29.02
40	-2.44	0.61	-7.60	2.71	1.16	-4.59	16.82	4.63	-13.65	27.91
41	-4.45	-0.59	-12.72	2.71	1.16	4.58	12.77	7.18	-18.12	20.31
42	-7.87	-1.09	-16.03	2.71	2.36	-3.98	4.73	15.17	-23.04	0.71
43	-10.26	-1.69	-20.92	2.01	2.86	-3.07	-2.34	17.54	-29.88	-6.94
44	-11.35	-2.50	-24.89	1.21	2.86	3.83	-6.46	20.91	-33.69	-12.45
45	-11.49	-6.11	-26.74	-0.19	0.96	9.21	-8.79	23.04	-37.23	-26.62
46	-9.53	-8.55	-27.73	-0.69	-1.04	14.82	-11.84	24.81	-39.13	-32.15
47	-8.68	-12.02	-26.51	-1.99	-2.84	15.11	-11.77	24.81	-40.42	-40.86
48	-4.93	-12.80	-22.65	-4.40	-2.64	15.18	-9.27	24.81	-41.88	-41.88
49	-2.54	-12.97	-19.99	-6.00	-2.64	16.52	-5.43	25.03	-44.50	-48.84
50	2.36	-9.55	-16.73	-6.61	-2.44	16.80	-2.64	26.58	-47.33	-47.63

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-42.49	-19.10	-47.10	60.45	42.72	-6.16	15.13	-27.75	-21.02	-14.49
2	-33.81	-21.14	-43.39	57.68	33.55	4.19	4.19	-30.35	-18.04	-13.25
3	-25.21	-23.18	-38.42	52.69	25.23	15.12	-0.20	-30.15	-13.14	-10.66
4	-19.93	-25.81	-31.90	43.54	15.62	24.93	-7.33	-29.26	-8.93	-7.32
5	-16.97	-31.33	-27.14	30.32	10.50	31.30	-18.91	-27.60	-4.78	-5.35
6	-16.50	-34.23	-20.63	14.39	6.17	33.80	-25.89	-20.70	-1.40	-5.36
7	-16.60	-40.06	-16.45	6.69	1.90	32.97	-32.03	-14.94	2.50	-6.79
8	-18.38	-45.50	-9.05	0.70	28.52	-36.09	-38.87	-3.24	4.10	-10.87
9	-21.47	-51.19	-6.09	0.70	21.30	-38.87	-36.09	-3.24	4.20	-15.45
10	-28.72	-55.16	-4.09	-16.93	2.70	8.12	-38.30	2.55	3.59	-17.58
11	-30.21	-57.78	0.79	-28.45	6.71	-7.26	-34.15	4.55	2.29	-21.05
12	-30.23	-60.46	0.79	-36.12	8.73	-16.85	-24.19	6.56	0.40	-22.95
13	-29.87	-61.88	0.79	-38.86	10.69	-23.95	-16.84	8.44	-1.41	-22.56
14	-26.68	-61.18	-1.11	-37.65	10.55	-32.30	-10.95	8.41	-5.13	-18.92
15	-19.21	-56.34	-7.07	-32.50	4.66	-38.98	-1.31	6.49	-8.52	-16.41
16	-16.59	-47.82	-13.11	-22.75	-1.21	-43.16	6.55	0.44	-9.31	-7.27
17	-11.33	-33.77	-21.22	-8.70	-9.29	-43.16	12.80	-5.28	-9.30	0.44
18	-8.55	-15.66	-26.20	6.76	-19.24	-41.68	18.74	-9.10	-8.51	2.44
19	-4.78	-4.91	-34.00	19.57	-23.75	-36.64	20.93	-11.26	-8.49	6.51
20	2.90	4.89	-37.01	30.32	-30.25	-28.47	24.29	-11.21	-7.31	14.58
21	13.06	16.43	-35.89	36.73	-36.08	-18.95	24.24	-9.18	-7.31	17.68
22	24.36	23.30	-32.06	35.60	-39.12	-15.86	23.43	-4.44	-7.11	17.68
23	36.79	26.83	-27.69	29.35	-37.89	-7.11	19.54	0.53	-6.60	20.04
24	46.62	26.33	-19.93	15.40	-34.07	-2.26	14.58	6.63	-5.30	26.43
25	69.00	23.82	-8.33	3.79	-23.74	4.24	14.22	16.46	-3.31	26.60
26	79.23	16.07	4.12	-9.60	-23.80	6.07	8.39	21.02	0.48	27.66
27	92.64	6.54	15.29	-22.38	-14.83	10.77	2.57	29.26	8.12	28.35
28	102.94	-2.78	26.28	-35.57	-8.92	16.41	-1.32	34.36	18.15	28.34
29	111.25	-6.97	35.88	-45.39	-8.82	17.96	-3.22	41.18	22.41	27.70
30	112.60	-6.97	38.78	-54.10	-8.62	19.97	-3.22	43.73	29.21	25.65
31	112.64	-6.95	37.57	-57.08	-8.63	22.65	-3.02	43.25	33.43	16.99
32	108.45	-4.90	32.30	-57.08	-9.13	22.61	-1.32	41.05	36.42	16.30
33	99.89	8.81	21.58	-51.39	-9.12	22.05	2.58	35.59	36.42	13.91
34	86.02	27.53	2.76	-40.83	-8.96	17.79	6.60	26.89	34.70	6.68
35	71.95	42.35	-6.69	-27.00	-5.10	14.44	9.92	19.27	28.85	2.42
36	57.06	47.75	-13.34	-10.87	0.67	10.62	12.44	8.42	28.12	0.52
37	44.26	54.58	-21.42	-2.76	6.77	10.42	14.64	1.62	25.29	-1.48
38	33.44	56.72	-25.03	17.04	17.04	10.57	16.17	-2.48	18.55	-1.48
39	23.37	54.91	-24.77	14.89	16.23	12.90	16.23	-4.59	18.14	0.02
40	15.55	47.21	-22.31	18.59	29.03	21.31	15.57	-6.69	16.44	1.02
41	7.87	30.54	-15.64	21.30	30.67	29.76	13.48	-7.30	15.88	2.52
42	0.76	2.70	-4.99	21.30	30.66	36.31	6.54	-8.73	14.20	2.62
43	-2.74	-9.00	4.11	31.99	28.48	41.97	3.95	-11.37	10.40	2.41
44	-6.64	-21.36	17.53	38.20	17.44	46.22	0.56	-14.49	7.82	2.41
45	-6.96	-28.23	28.79	42.22	4.62	50.40	-1.34	-16.81	4.45	-3.40
46	-8.67	-37.57	39.09	45.35	-5.18	51.91	-3.25	-18.89	0.36	-8.83
47	-10.80	-42.54	46.21	50.62	-13.06	51.18	-6.78	-21.69	-4.57	-11.58
48	-13.01	-45.89	52.27	52.21	-16.34	47.34	-11.14	-25.29	-11.24	-18.14
49	-15.13	-47.98	57.59	51.36	-16.25	40.54	-18.74	-25.21	-14.74	-22.20
50	-18.76	-48.99	60.06	46.68	-14.56	30.59	-21.86	-24.26	-14.73	-29.40

RECORD=S-340
DATE AND TIME=1988-07-01-19-45
COMPONENT=E-W
SAMPLING INTERVAL= 0.010(SEC)
CORRECTION=ARCERR.
FORMAT NO.=301

STATION=SHIMAGAWA-S
TOTAL NUMBER OF DATA= 7000

RECORD=S-34D COMPONENT=E-H SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=SHYINAGANA-S
 DATE AND TIME=1968-07-01-19-45 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=0001 TOTAL NUMBER OF DATA= 7000

No.	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)
1	-31.66	-18.22	29.00	32.02	7.59	-17.72	+21.33	-3.75	19.80	33.14
2	-33.86	-11.17	32.10	32.26	5.78	-18.90	+20.89	-5.75	17.42	28.63
3	-33.87	-1.54	33.70	31.84	2.10	-19.99	+19.69	-7.17	16.00	25.11
4	-27.80	6.22	34.18	29.57	0.20	-24.04	-19.71	-9.39	14.02	18.49
5	-18.58	14.69	33.44	25.25	1.70	-27.38	-19.99	-11.60	12.04	11.19
6	-8.34	22.05	31.85	18.98	-1.90	-30.30	-21.03	-13.37	9.96	5.12
7	1.80	26.64	23.32	12.10	-3.91	-30.69	+21.26	-14.11	8.07	0.05
8	7.91	28.32	24.48	7.39	-7.42	-29.65	-19.91	-15.56	5.99	-0.75
9	16.23	28.65	17.89	2.15	-9.15	-29.28	-18.31	-15.71	4.09	-1.95
10	20.79	28.60	12.11	-1.66	-11.76	-27.33	-10.63	-14.78	0.10	-3.45
11	27.64	28.21	6.35	-7.56	-17.20	-25.32	-3.70	-11.16	-1.90	-2.35
12	28.69	27.37	0.70	-7.77	-21.85	-22.88	-1.80	-11.73	-5.23	-1.95
13	30.11	25.79	-3.01	-8.76	-24.19	-19.76	3.90	-5.73	-9.65	-1.95
14	29.83	21.64	-7.21	-9.29	-25.76	-17.26	4.41	-2.85	-12.00	-0.85
15	26.75	19.71	-7.54	-10.86	-26.92	-11.19	8.16	2.05	-18.30	-0.96
16	18.19	18.10	-10.34	-11.17	-24.16	-1.76	12.50	4.05	-32.70	-0.76
17	15.24	16.20	-11.51	-11.61	-19.25	1.54	15.71	5.47	-28.08	-1.96
18	10.44	15.36	-11.48	-13.42	-14.85	7.34	16.11	9.49	-31.37	-1.96
19	8.26	13.78	-10.57	-15.07	-9.33	16.38	18.09	12.03	-33.28	-5.37
20	6.39	12.34	-8.70	-17.28	-5.60	24.18	18.22	11.69	-34.21	-7.92
21	6.39	12.36	-7.81	-19.14	-3.61	29.28	20.08	10.00	-34.97	-12.28
22	6.40	13.18	-7.51	-19.86	-2.11	32.88	22.52	8.00	-35.24	-15.97
23	8.41	14.43	-7.31	-17.84	0.31	35.55	26.38	5.11	-30.53	-18.00
24	10.39	14.46	-7.34	-12.36	0.18	35.62	28.68	1.33	-25.15	-20.04
25	10.80	15.00	-9.43	-3.55	1.48	33.72	32.48	-1.87	-20.55	-21.92
26	11.58	16.33	-15.40	3.76	1.68	30.52	35.94	-5.37	-20.54	-22.24
27	11.45	16.29	-20.87	12.43	1.98	24.14	36.22	-6.28	-13.65	-19.61
28	10.48	15.27	-23.88	18.84	2.18	23.90	36.44	-7.26	-7.28	-18.74
29	10.23	8.43	-28.93	26.68	3.29	21.21	36.05	-6.86	-3.71	-15.85
30	8.27	2.32	-34.02	29.82	6.25	18.08	35.49	-5.73	-0.02	-17.45
31	7.44	-1.58	-36.61	30.25	14.41	16.02	33.19	-0.57	3.38	-13.52
32	3.97	-9.38	-39.80	30.15	19.93	14.05	29.11	-0.67	4.28	-9.82
33	1.47	-15.10	-40.01	27.54	26.51	9.99	24.25	-0.07	6.20	-7.45
34	-1.53	-19.95	-36.58	18.08	30.78	8.12	17.56	0.33	9.52	-5.36
35	-3.44	-25.91	-30.03	12.04	34.17	8.00	12.90	2.03	12.04	-3.37
36	-7.45	-30.96	-23.08	6.19	36.03	6.01	5.52	3.12	13.98	-2.08
37	-9.33	-31.34	-16.68	2.32	36.28	4.52	-1.83	3.83	14.15	-2.98
38	-9.51	-31.37	-6.65	1.92	36.46	4.62	-1.53	7.15	15.99	-3.28
39	-13.33	-28.87	1.47	1.42	35.50	4.22	-5.74	10.01	16.34	-3.28
40	-13.32	-20.56	8.28	32.86	4.12	-7.24	-7.24	14.38	17.81	-3.28
41	-12.95	-14.96	15.61	5.53	29.81	3.51	-7.71	15.84	21.48	-1.98
42	-13.48	-8.63	18.39	7.57	27.46	0.02	-6.20	18.30	24.75	2.12
43	-14.67	-5.05	20.29	12.28	22.49	-1.78	-1.93	22.41	27.71	4.34
44	-15.51	2.02	23.98	14.30	16.02	-3.00	0.07	25.76	30.36	10.34
45	-17.04	6.36	26.29	16.21	13.32	-10.21	1.26	26.22	32.77	16.04
46	-18.88	11.75	26.64	16.21	9.43	-15.90	0.56	27.46	35.65	20.45
47	-22.02	16.49	27.83	16.02	2.56	-19.86	0.36	27.44	36.68	25.93
48	-23.53	19.76	28.93	14.40	-1.74	-21.69	0.06	25.91	37.87	26.16
49	-23.21	23.94	30.24	12.03	-7.01	-21.72	-0.84	24.89	37.48	27.03
50	-21.18	26.63	30.84	9.47	-13.31	-21.93	-2.34	21.89	36.19	26.99

RECORD=S-340
 DATE AND TIME=1968-07-01-19-45
 COMPONENT=E-W
 SIGNAL=GR.ACC.
 SAMPLING INTERVAL= 0.010(SEC)
 CORRECTION=ARC ERR.
 FORMAT NO.=301
 STATION=SHINAGAWA-S
 TOTAL NUMBER OF DATA= 7000

No.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	26.18	-14.35	17.62	-2.14	-7.89	-6.12	7.11	6.70	-2.39	3.98
2	25.20	-11.75	17.75	-2.44	-8.11	-4.12	7.51	11.26	-2.39	9.36
3	23.27	-11.94	16.84	-3.24	-9.33	1.36	7.30	14.99	-2.69	14.66
4	18.10	-11.82	15.81	-3.14	-11.51	2.86	6.91	15.66	-2.69	16.76
5	13.93	-14.06	15.47	-3.24	-12.25	3.66	7.30	17.58	-2.39	16.70
6	9.85	-7.92	9.22	-3.24	-13.99	3.66	6.71	19.44	1.51	15.82
7	7.38	-5.92	4.89	-2.55	-16.17	3.85	6.81	21.55	3.83	15.06
8	5.20	-2.05	1.70	-2.15	-17.48	3.55	7.31	21.56	12.21	13.13
9	5.60	0.95	-2.10	-2.15	-17.23	1.95	7.61	19.35	15.52	9.93
10	3.81	3.05	-2.10	-2.15	-16.19	1.25	7.92	16.68	19.85	9.05
11	7.10	3.86	-2.10	-2.15	-15.95	-0.85	9.21	10.73	24.07	9.06
12	7.30	5.88	-0.90	-2.15	-13.25	-0.45	9.64	5.92	27.59	9.49
13	7.90	10.35	3.80	-2.16	-9.38	0.95	11.61	1.55	28.60	11.55
14	7.89	10.34	3.80	-6.07	-7.98	3.65	11.95	-2.35	28.43	15.29
15	7.18	10.26	5.22	-7.97	-6.09	5.67	13.67	-2.36	27.58	18.31
16	5.89	10.97	9.84	-9.37	-4.10	9.73	15.50	-3.86	27.16	23.39
17	5.89	11.82	11.78	-10.06	-2.20	14.21	15.61	-4.05	24.63	27.14
18	5.87	11.16	11.43	-10.06	0.79	18.20	15.98	-2.35	19.14	29.37
19	0.99	11.65	9.28	-10.04	1.19	21.54	15.70	1.54	14.84	30.24
20	0.99	12.00	8.87	-9.10	3.70	21.55	15.79	4.67	11.63	31.57
21	-2.01	13.82	7.75	-5.54	5.32	14.26	13.90	11.64	9.45	32.04
22	-2.11	15.86	5.08	-2.16	0.77	17.59	11.52	14.97	7.47	32.02
23	-5.91	16.29	2.88	1.54	13.77	19.21	5.57	17.69	5.48	31.75
24	-4.12	17.18	-0.31	3.75	15.79	10.65	3.18	19.74	4.68	30.44
25	-5.92	17.84	-0.81	7.36	17.93	7.10	-0.31	19.72	3.59	27.36
26	-6.03	17.83	-0.92	9.78	21.65	3.83	-2.32	19.38	3.38	23.45
27	-7.32	17.79	-1.12	11.79	23.67	1.63	-4.22	17.29	1.98	20.24
28	-7.92	16.94	-2.02	13.81	23.97	1.13	-4.72	13.30	-0.42	16.92
29	-7.81	13.76	-2.02	15.84	23.99	1.13	-6.02	2.62	-2.12	13.47
30	-6.90	9.73	-1.92	17.87	24.63	1.23	-6.22	-3.78	-2.62	9.32
31	-5.01	9.49	-2.02	19.73	23.13	1.53	-6.42	-8.92	-5.44	3.42
32	-3.22	7.28	-2.12	19.73	13.36	1.53	-6.42	-11.68	-8.16	-1.17
33	-2.02	2.92	-1.82	19.73	15.57	-0.37	-6.83	-15.47	-10.76	-4.18
34	1.68	1.82	-0.22	19.56	18.57	-2.27	-7.83	-15.47	-12.21	-7.91
35	3.87	-1.87	1.78	17.59	14.03	-2.48	-8.22	-15.27	-14.86	-10.82
36	3.88	-2.08	3.68	15.62	9.34	-7.38	-8.25	-13.21	-17.77	-12.71
37	5.88	-2.08	4.99	13.63	7.67	-8.20	-10.17	-8.54	-19.93	-16.56
38	7.48	-5.99	7.89	11.25	7.45	-10.21	-12.05	-6.75	-22.48	-10.83
39	7.87	-7.49	9.38	8.77	5.77	-11.71	-12.63	-3.86	-25.92	-8.84
40	7.87	-8.23	9.85	5.71	5.77	-11.71	-12.81	0.12	-29.44	-6.36
41	7.75	-18.27	13.48	3.72	5.66	-9.34	-12.37	1.12	-32.63	-4.37
42	5.96	-21.99	13.77	3.62	3.76	-7.44	-10.61	1.62	-34.33	-2.48
43	5.86	-21.87	13.75	2.82	1.67	-4.17	-9.80	3.22	-33.89	-0.48
44	3.75	-19.82	13.18	1.72	-0.33	-0.38	-8.19	3.52	-32.05	-0.48
45	-2.04	-17.32	10.82	1.22	-2.24	3.62	-5.41	3.52	-29.44	-0.48
46	-3.94	-7.76	8.80	-0.59	-6.17	3.62	-2.33	3.52	-24.85	-2.49
47	-6.54	1.62	4.84	-2.19	-10.53	5.02	-1.23	3.51	-19.83	-4.90
48	-6.35	5.86	1.06	-4.09	-10.43	5.62	1.56	2.81	-14.07	-7.64
49	-7.89	11.91	-0.04	-6.10	-10.00	7.31	2.86	1.51	-7.96	-12.30
50	-11.92	15.23	-2.14	-7.40	-8.11	7.31	3.57	1.01	-2.33	-13.63

RECORD=S-340
DATE AND TIME=1968-07-01-19-45
COMPONENT=E-N
SIGNAL=GR.ACC.
CORRECTION=ARC.ERR.
STATION=SHINAGAWA-S
TOTAL NUMBER OF DATA= 7000

SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.1-3011

NO.	(2500)	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)
1	-16.48	2.97	-7.87	-8.30	0.69	-15.23	-1.99	-3.74	2.72	16.61
2	-16.18	5.87	-6.18	-5.92	2.52	-17.03	-2.79	-4.74	5.82	10.98
3	-12.42	7.78	-5.28	-3.74	5.82	-16.94	-2.79	-4.74	6.92	8.03
4	-7.43	9.38	-2.79	-2.04	7.23	-16.87	-2.79	-4.74	7.62	6.02
5	-2.49	10.74	-1.39	4.67	8.74	-15.77	-2.79	-3.84	8.62	0.96
6	2.41	12.14	2.41	7.58	10.51	-14.31	-2.79	-2.04	9.32	-2.44
7	7.27	14.67	4.81	9.79	10.51	-9.06	-2.29	-0.24	9.91	-4.35
8	13.46	14.95	5.80	11.66	10.50	-5.74	-0.49	6.66	9.91	-4.35
9	17.53	14.95	5.55	11.95	10.49	-3.01	3.01	7.59	9.89	-5.26
10	19.40	14.93	5.30	11.94	9.68	-3.25	4.01	10.34	9.40	-8.45
11	19.19	14.42	5.00	11.43	8.68	-2.74	5.10	14.32	8.99	-8.55
12	16.63	13.63	4.60	10.59	7.27	-0.95	5.20	15.75	8.19	-8.85
13	15.36	13.02	3.70	8.10	4.78	1.05	5.20	15.75	7.60	-8.85
14	12.58	12.12	3.10	4.84	0.70	2.85	5.10	15.72	7.20	-8.84
15	9.03	11.35	1.70	3.65	-2.81	5.76	4.90	15.20	6.80	-8.34
16	4.98	11.34	1.70	3.65	-5.01	6.85	4.90	14.09	6.80	-7.44
17	1.59	11.15	1.70	4.35	-7.20	7.15	4.50	10.51	6.78	-6.75
18	-2.51	11.14	2.10	5.05	-7.21	7.15	4.50	8.82	6.78	-6.75
19	-6.21	11.14	3.30	5.85	-7.19	7.14	4.49	7.20	6.78	-6.75
20	-9.03	10.82	4.00	6.95	-6.19	7.14	4.49	5.44	6.78	-6.75
21	0.79	9.82	5.30	7.36	-4.40	7.14	4.49	3.64	6.78	-6.75
22	1.49	9.03	7.30	8.65	-1.91	6.73	5.09	3.04	6.78	-6.75
23	2.69	8.42	8.20	9.44	0.49	5.43	5.09	3.04	6.78	-6.75
24	3.39	7.33	9.20	9.44	3.60	3.94	5.09	3.04	6.78	-6.75
25	3.39	6.24	10.00	9.43	7.10	3.44	5.09	3.04	6.78	-6.75
26	3.39	6.04	10.70	9.03	7.80	3.44	5.09	3.04	6.78	-6.75
27	3.19	6.04	11.40	8.62	8.69	3.94	6.18	3.04	6.78	-6.75
28	3.38	6.04	11.78	7.83	8.69	6.06	5.98	3.04	6.78	-6.75
29	1.88	6.24	11.77	7.53	8.68	9.66	5.38	2.83	6.78	-6.75
30	-0.62	6.63	11.26	7.53	8.67	11.39	4.48	2.43	6.78	-6.75
31	-2.52	6.83	10.54	7.53	7.97	20.37	3.28	1.93	6.78	-6.75
32	-2.52	6.93	8.61	7.53	7.97	21.95	1.58	1.43	6.78	-6.75
33	-2.52	6.92	4.38	7.53	6.78	23.57	-0.62	0.93	6.78	-6.75
34	-2.52	6.22	3.27	7.83	6.48	26.42	-2.42	0.33	6.78	-6.75
35	-1.82	5.32	1.48	8.14	6.48	29.23	-3.22	-1.27	6.78	-6.75
36	-0.62	4.12	0.18	8.93	6.48	29.08	-4.02	-2.07	6.78	-6.75
37	0.88	3.12	-1.32	9.23	6.48	27.62	-4.02	-2.07	6.78	-6.75
38	0.97	1.02	-2.33	9.53	6.38	23.26	-4.02	-2.07	6.78	-6.75
39	0.77	0.12	-2.73	9.72	6.37	20.32	-4.02	-2.07	6.78	-6.75
40	-0.13	-0.38	-3.73	9.71	5.87	11.07	-3.33	-1.48	6.78	-6.75
41	0.47	-1.18	-4.53	9.00	5.16	9.00	-2.83	-1.08	6.78	-6.75
42	-1.23	-1.78	-5.03	8.00	3.77	7.80	-2.83	-0.88	6.78	-6.75
43	-2.23	-2.18	-6.04	6.70	1.77	6.20	-2.83	-0.88	6.78	-6.75
44	-2.43	-2.48	-7.24	4.61	0.87	3.82	-2.83	-0.88	6.78	-6.75
45	-2.43	-2.58	-8.44	1.72	3.82	2.92	-2.63	-0.28	6.78	-6.75
46	-2.53	-3.39	-9.05	-1.28	3.34	1.72	-2.53	-0.88	6.78	-6.75
47	-2.53	-4.49	-9.74	-1.78	-5.05	1.62	-2.53	-0.88	6.78	-6.75
48	-2.54	-6.00	-9.84	-1.89	-8.68	0.52	-2.83	-1.58	6.78	-6.75
49	-2.54	-8.29	-9.83	-1.89	-11.39	-0.19	-2.83	-1.58	6.78	-6.75
50	-1.93	-8.28	-9.32	-1.29	-13.31	-1.29	-3.04	-0.49	6.78	-6.75

RECORD-S-340 COMPONENT=E-W SIGNAL=GR.ADC. CORRECTION=APC.ERR. STATION=SHIMAGAMA-S
 DATE AND TIME=1968-07-01-19-45 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 7000

NO.	(3000)	(3050)	(3100)	(3150)	(3200)	(3250)	(3300)	(3350)	(3400)	(3450)
1	-1.39	-6.14	9.22	4.16	-6.87	-2.84	7.00	6.85	-9.17	1.76
2	-2.49	-6.54	9.41	3.86	-5.08	-3.54	5.51	5.85	-8.57	1.36
3	-3.49	-6.53	9.41	3.26	-4.68	-5.54	4.61	4.66	-7.78	0.56
4	-4.89	-6.14	9.40	1.56	-3.29	-5.94	4.11	3.66	-7.28	-0.44
5	-4.89	-5.64	8.90	1.06	-3.19	-6.03	4.71	3.56	-6.79	-0.64
6	-4.89	-5.24	8.59	1.86	-3.19	-5.13	5.22	4.56	-6.58	-0.44
7	-4.89	-4.84	7.38	4.06	-2.79	-3.64	5.22	5.57	-6.59	-0.64
8	-3.49	-4.44	4.70	4.87	-1.99	-3.24	7.93	7.27	-4.79	-0.54
9	-2.99	-3.84	3.20	6.97	-1.39	-1.34	9.34	8.59	-4.39	0.06
10	-1.79	-3.34	1.20	7.98	0.21	0.86	11.17	10.42	-3.39	0.46
11	0.30	-3.04	1.00	9.98	1.91	2.15	13.74	13.03	-3.39	2.96
12	-2.25	-2.25	1.00	10.90	3.81	1.25	14.50	15.66	-2.09	4.26
13	2.90	-1.75	1.00	12.65	5.51	-0.35	14.50	15.88	-0.30	4.86
14	4.71	0.15	1.70	12.55	6.71	-3.05	14.43	16.35	1.30	6.07
15	6.20	1.05	3.70	12.55	7.80	-3.25	12.99	16.22	4.31	7.87
16	6.60	2.05	5.30	12.55	8.00	-5.16	12.57	15.59	5.70	9.07
17	6.90	2.45	6.10	12.54	8.40	-7.39	11.61	14.37	6.30	10.06
18	7.30	2.45	6.10	12.43	8.40	-10.97	8.75	12.59	6.52	10.65
19	7.40	2.14	6.09	12.05	8.50	-11.65	5.69	10.81	8.92	10.83
20	7.70	0.24	5.58	12.14	8.49	-11.66	4.99	9.43	10.52	10.04
21	8.20	-1.66	3.98	11.81	8.09	-11.85	4.79	8.40	11.57	9.53
22	8.50	-3.06	1.39	10.72	7.58	-11.74	3.69	5.44	14.20	8.52
23	8.91	-3.06	1.39	9.92	6.69	-11.32	2.09	4.84	16.57	7.13
24	10.11	-4.06	-3.11	8.72	6.69	-8.88	0.79	4.55	17.80	5.73
25	10.80	-4.86	-4.81	7.63	6.38	-6.34	-0.01	5.55	17.93	4.53
26	11.43	-4.86	-5.61	6.62	5.79	-4.06	-0.81	6.55	18.50	2.94
27	12.06	-4.56	-5.41	4.63	5.39	-3.06	-1.01	7.15	18.57	2.74
28	14.84	-3.86	-5.20	1.94	5.09	-0.36	-0.11	7.94	18.32	2.54
29	15.99	-3.06	-3.71	0.44	5.09	2.84	0.29	8.44	17.11	2.34
30	15.98	-3.06	-3.71	0.04	5.39	2.94	0.29	8.52	12.92	2.94
31	15.98	1.44	-2.11	0.13	5.48	3.03	0.98	7.42	11.11	4.44
32	15.96	4.94	-0.82	0.83	5.58	2.83	1.78	6.42	8.24	5.13
33	15.53	5.84	-0.72	1.13	5.58	1.73	1.88	4.62	5.56	5.24
34	14.57	6.53	-0.82	4.74	5.58	0.33	2.18	2.23	2.38	6.13
35	14.25	6.83	-1.12	6.45	5.38	-1.07	1.68	0.63	-0.02	6.43
36	13.54	7.13	-3.12	8.56	5.28	-1.67	1.28	-0.17	-0.22	6.23
37	12.65	7.63	-3.43	10.78	5.18	-1.67	0.28	-1.37	-0.22	6.43
38	11.16	8.13	-5.84	12.76	5.08	-1.67	-0.32	-2.37	-1.82	6.12
39	10.66	8.55	-7.83	13.60	5.08	-1.37	-0.82	-3.47	-0.02	5.12
40	10.05	9.93	-8.22	12.88	5.28	-0.07	-1.32	-3.58	0.48	3.62
41	8.73	10.32	-8.11	11.48	5.78	1.33	-1.43	-4.28	2.28	1.92
42	6.34	10.32	-6.91	9.91	6.69	4.84	-1.13	-4.88	4.27	0.52
43	2.97	10.32	-5.22	4.80	7.97	7.73	-0.33	-5.98	4.48	-2.08
44	2.47	10.11	-3.63	0.12	8.17	8.45	1.57	-6.28	5.57	-3.48
45	1.17	9.71	-2.63	-3.18	7.96	10.07	3.97	-6.79	5.87	-5.40
46	-1.15	9.31	-0.43	-4.49	7.55	12.32	4.58	-7.68	5.87	-10.70
47	-2.23	8.92	2.77	-6.59	5.75	12.21	5.87	-7.89	5.37	-11.39
48	-3.03	8.82	4.77	-7.89	3.16	11.77	5.97	-8.29	4.76	-11.66
49	-3.74	8.62	4.77	-8.26	0.77	10.27	6.87	-8.69	4.07	-11.66
50	-4.94	8.62	4.76	-8.68	-1.14	8.10	7.26	-9.09	3.86	-10.80

RECORD=S-340 COMPONENT=E-H SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=SHINAGAWA-S
 DATE AND TIME=1968-07-01-19-45 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 7000

NO.	(3500)	(3550)	(3600)	(3650)	(3700)	(3750)	(3800)	(3850)	(3900)	(3950)
1	-7.66	6.16	8.91	2.07	13.05	4.66	5.82	7.54	6.02	6.87
2	-6.08	5.87	8.30	1.36	11.28	4.16	6.13	5.26	6.42	6.86
3	-4.88	6.17	7.62	0.76	10.08	3.86	8.02	4.66	6.51	6.05
4	-3.49	6.37	7.72	0.46	8.27	3.76	8.41	4.36	6.41	4.26
5	-2.58	6.66	8.22	0.16	5.50	2.66	8.31	4.36	6.20	3.06
6	0.21	6.96	8.72	-0.24	4.31	2.26	8.11	4.56	4.11	2.26
7	5.21	6.66	9.31	-0.34	4.21	1.86	7.90	5.06	3.51	1.46
8	5.81	6.25	9.49	-1.64	4.21	1.06	7.19	4.96	1.81	0.46
9	6.42	5.45	8.51	-2.54	4.41	0.76	5.80	5.16	-1.89	-0.94
10	7.41	4.05	7.41	-2.84	4.71	1.96	4.80	4.86	-3.89	-1.84
11	7.81	2.85	7.61	-3.14	5.62	3.96	4.00	4.75	-4.40	-3.14
12	8.30	0.55	8.02	-3.05	6.92	4.96	3.20	4.75	-5.60	-3.94
13	7.70	-1.15	8.92	-4.35	8.42	5.96	2.30	3.15	-6.39	-3.95
14	7.49	-2.55	9.82	-5.35	9.62	7.17	1.40	1.25	-5.99	-4.35
15	6.48	-3.55	10.82	-6.36	10.61	8.77	1.20	-0.25	-5.19	-5.05
16	4.49	-3.65	11.42	-7.55	11.41	9.76	1.10	-0.85	-4.20	-5.34
17	1.90	-4.05	12.01	-7.85	11.60	10.06	1.30	-1.45	-4.20	-5.14
18	1.50	-4.05	12.17	-7.64	11.60	10.44	1.00	-2.05	-3.90	-4.15
19	0.50	-4.05	11.17	-7.15	11.48	10.21	0.90	-2.35	-3.90	-3.95
20	-0.00	-3.75	10.16	-6.65	10.89	8.63	0.40	-1.85	-2.40	-3.94
21	-0.70	-3.66	8.55	-6.04	10.69	7.17	0.40	-1.85	-2.00	-3.94
22	-1.11	-4.15	5.86	-4.25	10.29	0.45	-0.10	-1.85	-2.00	-1.55
23	-0.31	-4.06	1.19	-3.66	10.00	-2.06	-0.20	-1.75	-1.20	0.45
24	0.89	-4.16	-1.21	-3.66	10.19	-3.76	-0.21	-1.35	-1.20	3.25
25	1.89	-3.66	-3.31	-3.26	10.19	-5.28	-0.61	-1.06	-1.11	4.85
26	2.89	-3.56	-3.31	-3.26	10.18	-6.27	-1.01	0.04	-0.71	5.25
27	4.39	-3.56	-2.61	-3.06	9.89	-8.86	-1.61	1.74	-0.51	5.55
28	4.69	-3.56	-2.51	-3.66	9.68	-8.84	-1.81	1.74	-0.51	6.45
29	5.59	-1.86	0.59	-3.96	9.25	-7.54	-1.21	3.34	0.59	7.65
30	5.99	-0.86	3.79	-4.36	7.27	-5.76	0.09	5.84	1.79	8.25
31	6.39	0.34	4.79	-4.46	5.67	-5.16	0.09	5.84	3.19	8.95
32	6.39	0.85	5.19	-4.16	2.78	-3.76	1.99	6.45	4.09	9.35
33	6.79	1.63	5.38	-3.67	1.88	-1.86	2.29	7.45	4.29	9.93
34	7.49	2.33	4.28	-3.66	0.68	-1.86	3.49	8.24	4.68	9.73
35	7.79	3.13	3.18	-0.97	-2.32	0.93	4.79	8.54	3.98	9.43
36	8.59	3.73	1.78	-0.97	-3.12	4.03	4.79	8.74	3.88	9.02
37	8.88	4.94	0.38	1.63	-3.12	3.93	5.38	9.04	3.68	8.51
38	9.19	5.94	-0.82	4.23	-3.72	3.93	5.78	9.32	3.98	8.51
39	9.79	7.15	-1.82	5.44	-4.72	3.93	6.19	8.52	2.78	7.02
40	10.39	8.75	-1.82	7.73	-4.42	4.13	6.88	7.62	2.48	5.92
41	10.78	10.34	-1.52	8.25	-4.72	4.13	7.29	7.10	2.48	4.02
42	11.08	10.98	-0.52	9.95	-3.92	4.13	7.98	4.92	2.18	2.43
43	11.17	12.96	0.67	10.86	-3.12	4.13	8.18	4.92	2.78	1.43
44	11.06	13.85	2.07	12.24	-1.82	4.12	8.78	3.12	3.08	1.23
45	10.56	14.39	3.67	12.75	-1.03	4.02	8.88	2.83	3.58	1.73
46	10.23	13.59	3.87	13.57	0.57	3.82	9.38	3.82	4.67	3.26
47	8.66	12.75	4.17	14.63	2.17	3.82	9.76	4.82	4.98	4.73
48	8.05	10.60	4.17	14.72	2.97	4.12	9.37	4.82	5.88	5.83
49	6.96	10.20	3.37	14.28	3.87	4.42	9.36	4.72	6.57	7.24
50	6.46	9.21	2.37	13.41	4.57	5.52	8.96	4.92	6.77	8.65
								5.72	7.07	10.34

RECORD=S-340
DATE AND TIME=1968-07-01-19-45

COMPONENT=E-W
SAMPLING INTERVAL= 0.010(SEC)

SIGNAL=GR.ACC.
CORRECTION=APC.ERR.
FORMAT NO.=301

STATION=SHINAGAWA-S
TOTAL NUMBER OF DATA= 7000

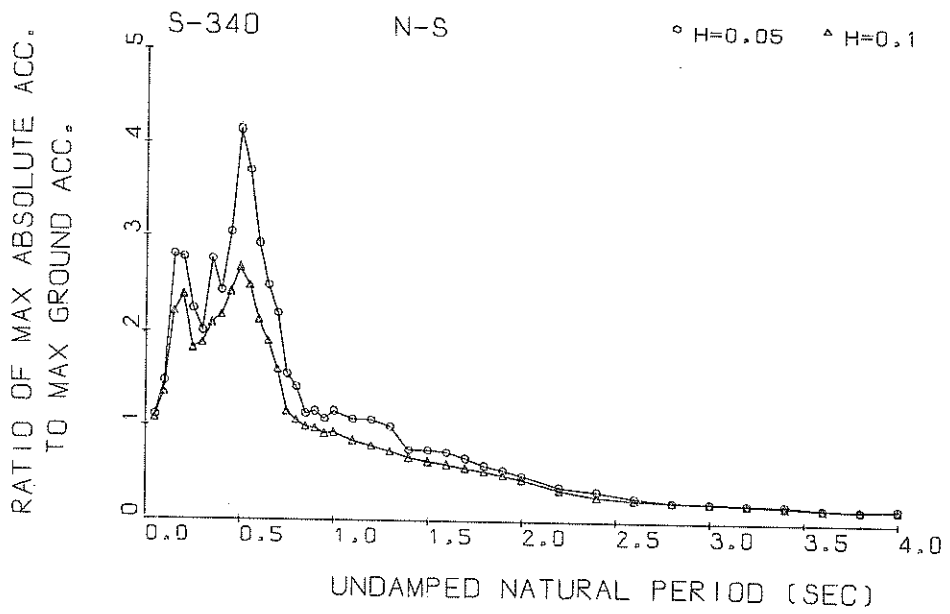
NO.	(4000)	(4050)	(4100)	(4150)	(4200)	(4250)	(4300)	(4350)	(4400)	(4450)
1	11.23	1.87	3.12	4.47	-1.58	4.37	1.12	4.97	8.89	5.48
2	11.61	2.47	3.31	5.37	-0.88	4.27	0.92	4.87	7.31	6.38
3	11.30	2.67	2.81	6.38	0.22	4.87	1.62	4.67	6.81	7.47
4	10.61	3.27	1.31	7.57	2.82	5.67	2.32	4.67	5.70	8.08
5	10.30	3.96	0.31	8.27	3.62	5.97	2.82	4.46	2.81	9.28
6	9.79	4.17	-0.49	8.36	4.01	6.97	2.82	4.36	1.31	9.89
7	8.79	4.97	-0.99	8.15	4.01	7.77	2.91	3.96	-0.39	10.88
8	7.70	5.66	-0.89	7.54	4.11	8.37	3.11	3.56	-1.99	11.46
9	6.50	6.17	-0.39	6.05	3.61	9.06	2.91	2.96	-3.79	11.46
10	5.79	7.16	1.01	4.66	2.81	9.05	2.11	1.66	-4.39	11.34
11	3.61	7.56	2.51	3.76	2.11	8.75	1.44	-0.24	-4.39	11.34
12	3.51	7.56	4.11	3.35	1.61	8.36	0.51	-1.34	-5.40	10.52
13	3.51	7.55	4.71	2.36	0.91	8.36	0.11	-2.64	-5.99	9.06
14	3.41	7.55	5.10	2.36	0.21	8.44	-0.49	-3.45	-5.99	9.04
15	3.80	7.15	4.71	2.45	0.20	7.44	-0.39	-4.34	-5.90	7.84
16	4.10	6.55	4.90	2.45	-0.30	6.55	-0.40	-4.35	-5.99	6.74
17	4.30	6.15	4.20	2.15	-0.60	6.25	-0.40	-4.45	-5.70	5.45
18	4.50	5.85	3.40	2.75	-1.50	5.55	0.00	-5.15	-5.59	4.15
19	4.40	5.85	1.90	2.85	-1.50	4.55	0.40	-5.05	-5.09	3.15
20	3.90	6.35	-0.20	3.35	-1.90	4.05	1.20	-5.15	-4.40	3.35
21	3.90	6.55	-0.50	3.55	-2.80	3.45	1.10	-5.05	-4.40	1.85
22	3.69	7.05	-2.10	5.15	-3.90	2.95	1.20	-5.15	-3.90	1.45
23	2.99	7.55	-3.10	5.75	-4.21	2.35	1.20	-4.85	-3.20	-0.05
24	2.09	7.64	-3.00	5.75	-4.90	1.65	0.80	-4.45	-2.40	-1.65
25	1.79	7.45	-2.91	6.05	-5.01	0.94	-0.40	-4.35	-1.10	-2.26
26	-0.71	7.53	-3.51	6.65	-5.21	-0.26	-1.01	-3.85	-0.51	-2.96
27	-1.21	6.83	-4.11	7.04	-5.00	-1.06	-0.91	-2.55	0.59	-3.36
28	-1.41	5.73	-4.42	7.25	-4.81	-2.16	-1.01	0.44	1.49	-4.46
29	-1.81	3.94	-6.02	7.74	-4.21	-2.16	-0.61	3.34	1.49	-4.56
30	-3.01	3.34	-7.32	7.74	-4.21	-2.16	-0.21	3.84	1.29	-4.56
31	-3.11	2.04	-8.12	7.84	-3.61	-2.56	1.09	4.44	1.39	-4.46
32	-3.41	1.94	-8.71	7.74	-3.11	-3.06	2.29	4.84	1.49	-4.86
33	-3.62	2.04	-8.62	7.73	-2.31	-3.16	3.29	5.24	1.49	-4.56
34	-3.92	2.03	-8.80	7.53	-1.61	-3.16	3.99	5.64	1.49	-4.76
35	-4.02	1.83	-7.98	7.12	-1.62	-3.16	3.89	5.73	1.39	-4.66
36	-4.02	1.73	-5.11	5.82	-1.62	-2.67	4.08	5.63	1.78	-4.57
37	-4.52	1.83	-4.42	4.13	-1.82	-2.57	4.08	5.54	2.38	-4.67
38	-5.02	2.03	-4.11	2.53	-2.82	-2.27	3.78	5.63	2.98	-4.47
39	-5.62	1.83	-2.82	1.43	-2.82	-1.47	4.18	5.73	2.78	-4.57
40	-5.62	1.13	-0.82	-0.17	-2.72	-0.37	4.18	5.63	2.88	-4.67
41	-5.72	0.33	1.48	-1.77	-2.62	1.23	4.18	6.13	2.78	-4.57
42	-5.52	-0.17	1.38	-3.07	-2.32	2.03	4.28	6.43	2.28	-4.77
43	-4.72	-0.67	1.48	-3.58	-1.62	2.33	4.18	6.93	2.08	-4.67
44	-4.03	-0.47	1.38	-4.17	-0.62	2.33	4.18	7.53	1.48	-4.57
45	-4.02	-0.48	1.17	-4.18	1.68	2.22	4.17	8.04	1.48	-4.47
46	-3.62	-0.18	1.17	-4.18	2.48	2.02	3.97	9.03	1.27	-4.48
47	-1.13	0.52	1.57	-4.18	3.57	2.02	4.07	9.52	1.57	-4.48
48	0.77	1.82	2.07	-4.18	3.77	1.62	4.17	9.52	2.17	-4.48
49	1.17	3.22	2.67	-4.17	3.87	1.12	4.17	9.52	3.17	-3.98
50	1.57	3.12	3.77	-2.28	3.97	1.02	4.97	9.51	4.57	-3.68

NO.	(4500)	(4550)	(4600)	(4650)	(4700)	(4750)	(4800)	(4850)	(4900)	(4950)
1	-5.08	-8.22	1.92	3.17	0.22	-4.13	3.92	7.97	8.81	-4.33
2	-1.78	-7.82	1.62	3.27	0.32	-4.13	4.72	7.86	8.52	-4.94
3	-0.68	-7.03	1.62	3.37	0.42	-4.23	5.12	6.96	8.11	-6.24
4	1.22	-6.43	1.42	4.07	0.42	-4.03	5.32	6.36	7.71	-6.84
5	2.52	-5.82	1.02	4.77	0.22	-3.03	5.42	5.16	7.32	-7.84
6	3.32	-4.53	0.82	5.27	0.42	-2.43	5.42	4.46	7.41	-8.13
7	5.31	-4.54	0.71	5.36	0.31	-1.43	5.31	3.16	7.01	-8.13
8	5.41	-4.54	0.71	5.26	0.41	-0.84	5.21	0.26	6.81	-7.63
9	5.72	-4.54	0.21	5.36	0.31	-0.24	5.01	-2.34	6.80	-7.43
10	6.62	-4.54	-0.49	5.66	0.11	0.26	4.81	-3.04	5.91	-7.33
11	7.31	-4.54	-1.09	5.56	0.41	0.96	4.21	-4.44	5.91	-6.93
12	7.63	-4.54	-2.09	5.56	0.41	1.16	3.61	-4.94	5.10	-6.93
13	8.93	-4.34	-3.29	5.56	0.11	2.36	3.11	-4.94	3.31	-5.54
14	10.24	-4.04	-4.04	5.36	0.31	3.46	2.61	-5.34	2.21	-4.94
15	11.99	-2.04	-5.39	5.36	0.11	4.06	2.31	-5.75	1.71	-4.94
16	12.96	0.66	-2.79	5.15	0.51	4.46	1.61	-6.15	1.31	-4.44
17	14.36	1.35	-2.80	4.75	0.60	5.26	1.30	-6.55	0.91	-4.14
18	15.52	2.45	-2.50	3.95	0.60	5.85	0.20	-7.35	1.00	-2.64
19	15.90	3.66	-1.50	3.35	0.90	5.85	-0.20	-8.15	1.00	-1.05
20	15.79	4.95	3.60	3.45	0.40	5.85	-0.40	-8.15	1.00	0.95
21	15.61	4.95	3.50	4.05	0.50	6.05	-0.60	-8.65	1.00	0.95
22	15.79	4.75	3.70	4.45	0.20	5.75	-1.20	-8.75	1.30	2.55
23	15.71	4.44	4.50	4.85	0.50	5.15	-1.20	-8.95	1.60	3.55
24	15.96	3.35	5.40	5.25	0.90	4.44	-1.20	-8.75	1.60	3.75
25	15.37	3.04	5.10	5.25	0.90	3.14	-1.20	-8.55	2.20	4.65
26	14.75	2.04	5.30	5.25	0.80	1.45	-1.20	-8.24	2.80	5.15
27	13.77	1.64	5.39	5.24	0.79	0.94	-1.20	-7.44	3.40	5.85
28	13.17	1.14	5.19	5.14	0.89	0.34	-1.21	-6.25	3.90	6.05
29	12.45	1.14	4.8	4.4	0.3	0.34	-1.21	-5.25	4.4	6.45
30	11.25	1.34	3.99	4.94	0.29	0.34	-0.91	-4.85	4.59	7.14
31	9.76	1.34	2.39	4.74	0.34	0.34	-0.71	-3.55	5.00	7.04
32	8.17	1.34	2.19	4.44	-0.51	0.74	-0.51	-1.96	5.80	7.24
33	6.68	1.04	3.09	3.54	-1.71	1.14	-0.31	2.04	6.80	7.14
34	5.87	1.04	3.79	2.74	-2.61	1.34	0.49	2.64	7.70	6.83
35	3.99	0.64	4.69	2.04	-2.81	1.34	1.89	3.64	8.59	6.43
36	2.98	-0.26	4.99	1.44	-2.81	1.34	3.09	4.44	9.00	6.04
37	1.88	-2.77	5.99	1.13	-2.71	1.94	3.29	5.44	10.00	5.83
38	0.98	-4.57	6.78	0.83	-2.02	1.93	4.89	6.64	10.58	4.83
39	-0.12	-4.57	6.78	0.83	-1.12	1.93	6.58	7.24	10.38	3.43
40	-2.42	-4.57	6.68	0.83	-0.22	1.93	6.68	8.14	10.28	2.63
41	-3.32	-4.57	6.58	0.73	-0.02	1.83	6.79	8.43	10.27	1.83
42	-4.52	-4.56	6.57	0.63	0.58	1.73	7.20	8.58	9.86	1.03
43	-4.72	-1.87	6.08	0.53	0.48	1.73	8.68	8.63	9.06	0.03
44	-5.03	-1.07	5.67	0.43	0.58	1.63	8.97	8.83	8.56	-1.07
45	-6.03	0.03	4.97	0.43	-0.12	1.63	8.78	9.03	6.46	-1.97
46	-7.04	1.73	4.07	0.63	-1.62	1.83	8.77	9.03	4.7	-2.97
47	-8.13	2.92	3.37	0.52	-2.43	1.83	8.57	9.12	2.87	-3.57
48	-8.23	3.02	2.87	0.52	-3.53	2.42	8.37	8.92	0.17	-3.78
49	-8.13	3.22	3.17	0.52	-4.13	2.82	7.97	8.73	0.07	-4.48
50	-8.123	2.62	3.27	0.52	-4.13	3.12	7.77	8.82	-1.53	-4.88

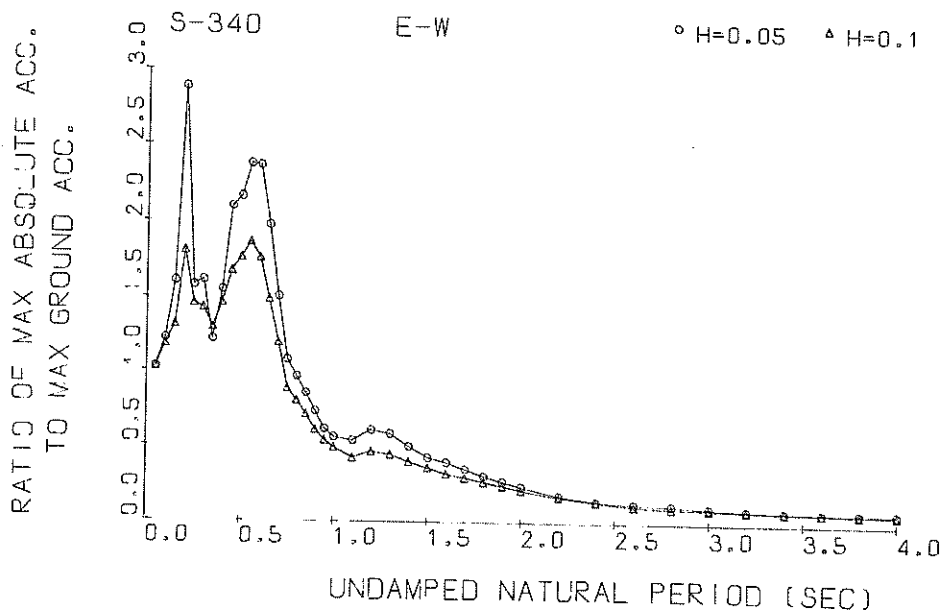
RECORD=S-340
DATE AND TIME=1968-07-01-19-45
COMPONENT=H
SIGNAL=GR.ACC.
CORRECTION=ARC.ERR.
STATION=SHINAGAWA-S
TOTAL NUMBER OF DATA= 7000

RECORD=S-340
 DATE AND TIME=1968-07-01-19-45
 COMPONENT=E-W
 SIGNAL=GR+ACC.
 SAMPLING INTERVAL= 0.010(SEC)
 CORRECTION=ARC.ERR.
 FORMAT NO.=301
 STATION=SHINAGAWA-S
 TOTAL NUMBER OF DATA= 7000

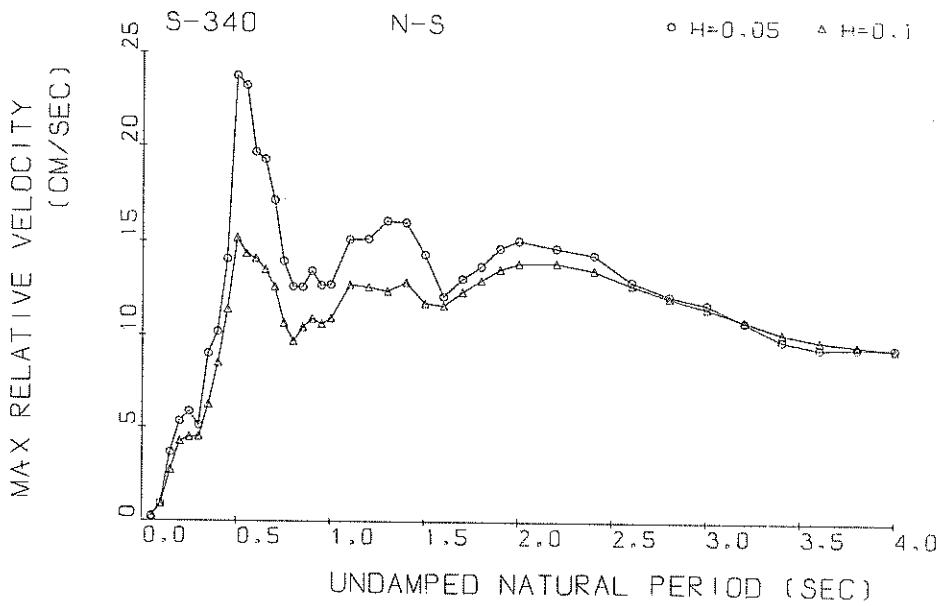
NO.	(5000)	(5050)	(5100)	(5150)	(5200)	(5250)	(5300)	(5350)	(5400)	(5450)
1	-4.98	3.17	4.22	8.08	-0.98	10.68	-5.28	2.67	2.92	0.47
2	-5.08	2.67	3.62	8.77	-1.58	10.86	-5.28	2.87	3.02	0.57
3	-5.28	1.97	3.22	8.77	-1.98	10.36	-5.28	2.97	2.72	2.47
4	-5.68	1.27	2.92	8.46	-2.88	9.86	-5.28	3.07	2.92	2.57
5	-6.08	0.57	2.82	7.76	-3.88	9.47	-5.18	3.07	2.52	2.77
6	-6.09	-0.83	2.32	7.27	-3.78	9.36	-5.18	2.97	2.62	3.07
7	-6.48	-1.03	2.32	7.27	-3.78	8.75	-5.08	3.27	2.52	2.87
8	-6.58	-0.83	1.72	7.16	-4.19	7.56	-5.28	3.67	2.62	2.47
9	-5.78	-0.34	1.91	6.76	-4.89	7.15	-5.19	3.87	2.82	3.67
10	-5.09	0.26	1.71	6.66	-4.88	6.16	-5.29	3.87	2.91	3.36
11	-4.99	0.56	1.31	6.76	-3.89	5.76	-5.29	4.16	2.61	3.66
12	-4.99	1.26	0.81	6.36	-3.59	5.36	-5.19	3.96	2.51	3.66
13	-4.99	1.56	0.41	6.26	-3.59	5.06	-5.09	4.26	2.41	2.96
14	-4.99	2.36	-0.49	5.96	-3.49	4.16	-5.09	4.26	2.51	3.06
15	-4.29	2.36	-1.19	5.45	-3.39	3.96	-5.09	3.86	2.21	2.56
16	-3.09	1.66	-1.99	4.35	-3.39	3.36	-5.09	4.36	1.61	2.16
17	-3.09	0.76	-2.89	2.85	-3.49	2.36	-4.99	4.36	0.31	1.96
18	-1.09	-0.04	-3.50	1.26	-3.69	1.76	-4.99	4.56	-0.99	1.76
19	0.30	-0.75	-4.30	0.65	-3.79	0.96	-4.49	4.56	-2.10	1.06
20	1.70	-1.25	-4.70	-1.15	-3.80	0.15	-4.49	4.56	-3.40	0.46
21	3.10	-1.65	-5.10	-3.15	-3.70	-0.25	-4.30	4.66	-4.30	-0.65
22	3.80	-2.05	-5.10	-3.95	-3.50	-0.95	-3.90	5.75	-5.10	-0.65
23	4.61	-2.25	-5.10	-4.55	-3.30	-1.05	-3.60	5.85	-5.40	-1.75
24	5.71	-1.75	-5.10	-5.15	-2.10	-1.05	-2.40	5.95	-5.71	-1.35
25	6.91	-1.45	-5.10	-5.15	-1.30	-0.95	-1.60	6.05	-6.00	-0.95
26	7.60	-0.85	-5.10	-5.15	-0.30	-1.05	-1.40	5.94	-6.80	-0.45
27	8.10	-0.25	-5.10	-5.15	0.50	-1.05	-0.00	5.45	-6.21	-0.25
28	8.39	0.85	-5.10	-5.15	1.50	-1.05	1.50	5.25	-6.60	-0.15
29	8.19	1.14	-5.10	-5.16	1.70	-0.95	1.40	5.14	-6.51	0.05
30	7.69	2.34	-4.61	-5.16	2.09	-0.96	1.49	4.54	-6.70	0.35
31	7.29	2.84	-4.31	-5.16	2.49	-0.76	1.79	3.24	-6.60	0.44
32	6.89	3.54	-4.01	-5.05	2.69	-0.86	1.99	3.44	-6.41	0.74
33	6.39	3.94	-3.31	-4.46	3.49	-0.86	1.89	2.64	-6.56	1.64
34	5.98	3.94	-2.51	-3.66	3.69	-1.06	1.79	2.34	-6.81	2.44
35	5.39	4.64	-0.91	-3.26	3.99	-1.16	1.99	1.74	-6.51	2.64
36	4.88	5.04	0.89	-2.76	3.99	-1.26	2.29	1.74	-6.21	3.34
37	4.28	5.54	1.99	-2.56	4.39	-1.26	2.29	1.64	-6.71	3.24
38	3.78	5.54	2.79	-2.36	4.69	-1.26	2.59	1.24	-6.61	3.24
39	3.48	5.94	3.29	-2.47	4.69	-1.26	2.49	1.44	-6.51	2.54
40	3.18	6.14	3.89	-2.57	5.09	-1.27	2.58	1.33	-6.71	2.94
41	3.78	6.43	4.39	-2.87	5.89	-1.27	2.88	1.63	-6.32	3.33
42	3.78	6.43	4.98	-3.07	6.49	-1.47	2.78	2.23	-6.32	3.23
43	4.08	6.53	5.48	-3.17	7.38	-1.87	2.58	2.03	-6.32	3.63
44	4.38	6.53	5.59	-3.27	7.49	-2.27	2.48	2.53	-6.22	3.83
45	4.88	6.43	6.48	-3.37	8.09	-3.47	2.58	2.53	-6.22	3.83
46	4.88	6.33	6.98	-3.27	8.69	-3.97	2.68	3.03	-6.02	4.53
47	5.37	6.12	7.28	-2.47	9.48	-4.28	2.28	3.13	-6.22	5.13
48	4.87	5.72	7.68	-1.87	9.68	-5.07	2.38	3.23	-6.22	5.53
49	4.47	5.52	7.98	-1.28	9.99	-5.27	2.18	2.93	-6.02	5.23
50	3.77	4.92	8.47	-1.18	10.48	-5.27	2.37	3.22	0.18	5.33



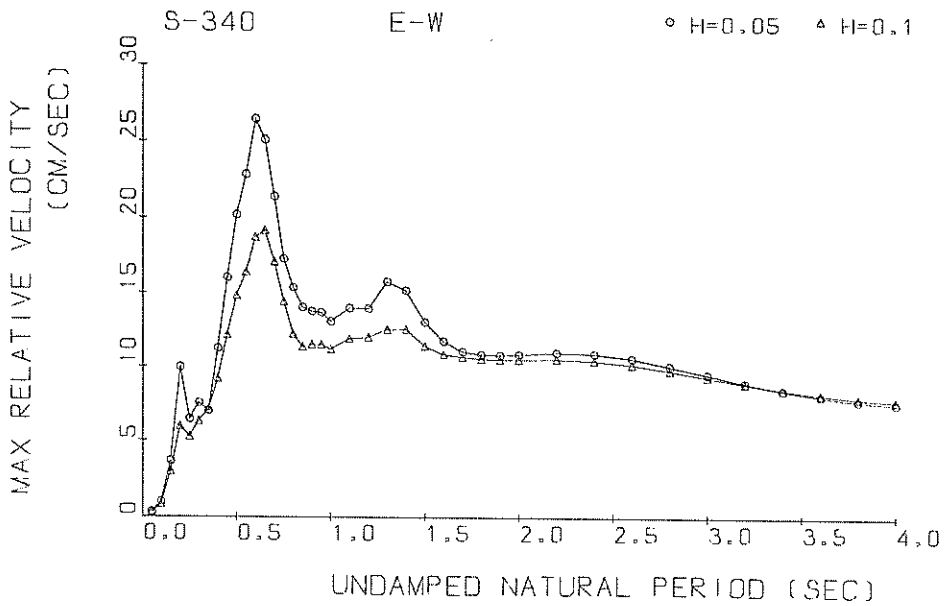
Response Spectra



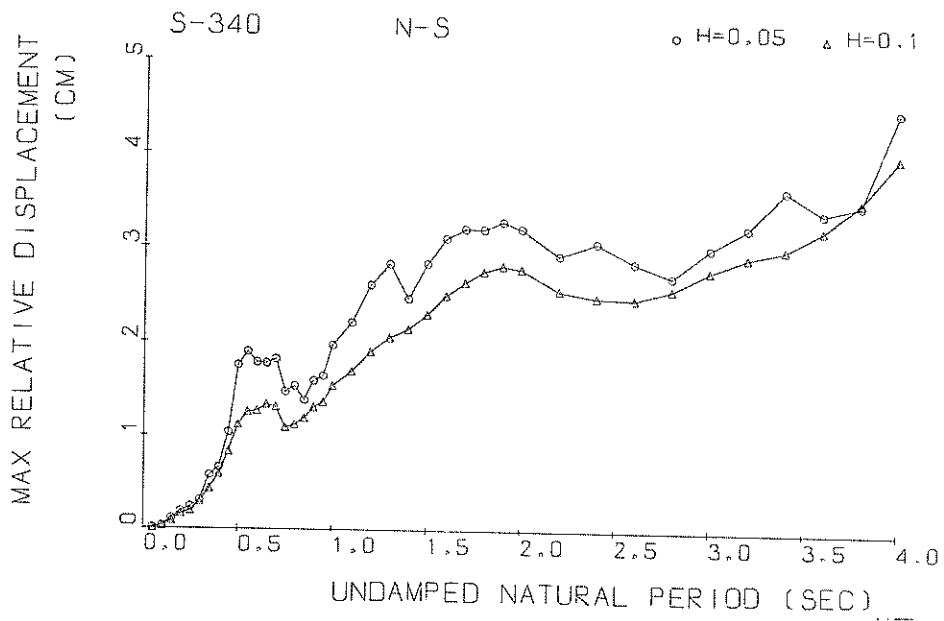
Response Spectra



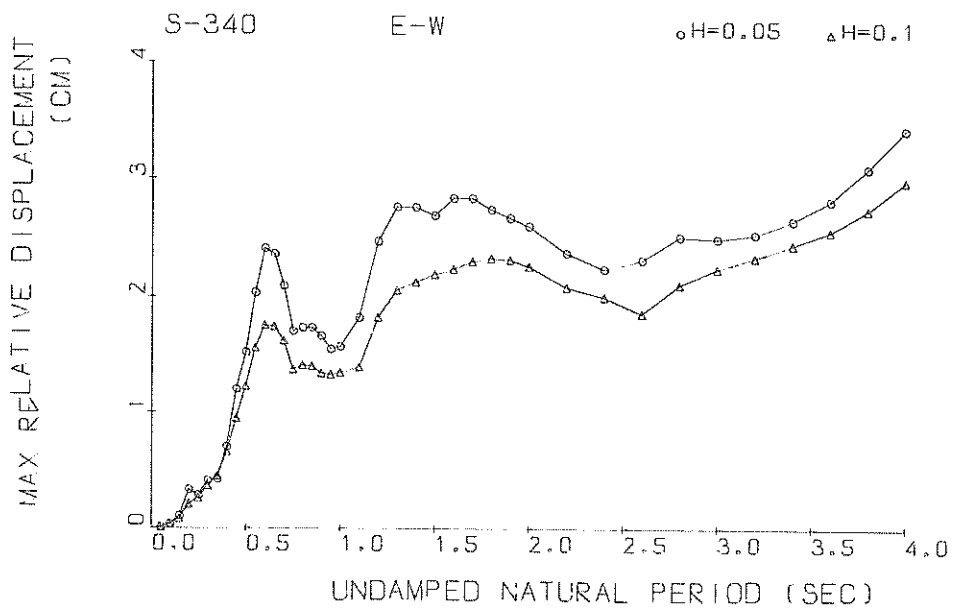
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-34U N-S 1968-07-01-19-45 SAITAMAKEN CHUBU
 STATION = SHINAGAWA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 1.500(SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 61.49(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.115	75.08	16.46	0.220	0.0047
0.100	1.474	99.51	47.87	0.887	0.0252
0.150	2.809	189.56	168.11	3.571	0.1076
0.200	2.738	184.77	174.04	5.618	0.1881
0.250	2.239	151.13	146.99	5.866	0.2386
0.300	2.007	135.45	117.39	5.086	0.3072
0.350	2.755	185.92	145.40	9.008	0.5766
0.400	2.426	163.70	160.68	10.190	0.6626
0.450	3.040	205.15	214.97	14.075	1.0474
0.500	4.132	278.87	278.88	26.651	1.7559
0.550	3.664	247.25	294.26	26.054	1.8857
0.600	2.926	197.49	262.98	19.685	1.7922
0.650	2.474	166.98	220.51	19.246	1.7778
0.700	2.206	148.88	176.34	17.196	1.8387
0.750	1.519	102.54	154.66	16.649	1.4516
0.800	1.430	96.47	148.24	12.521	1.5515
0.850	1.220	82.32	127.36	16.269	1.4986
0.900	1.125	75.90	126.17	12.956	1.5467
0.950	1.042	70.32	121.57	12.161	1.5976
1.000	1.140	76.94	115.97	12.610	1.9359
1.100	1.086	73.32	107.98	15.168	2.2316
1.200	1.080	72.90	109.99	15.205	2.6416
1.300	0.981	66.20	110.65	15.946	2.8107
1.400	0.742	50.04	97.92	15.936	2.4691
1.500	0.747	50.44	105.02	14.264	2.8486
1.600	0.709	47.87	105.19	11.781	3.0697
1.700	0.664	44.80	98.30	12.849	3.2531
1.800	0.599	40.42	85.82	16.929	3.2856
1.900	0.544	36.68	82.65	14.765	3.6168
2.000	0.485	32.76	78.65	15.150	3.2827
2.200	0.362	24.46	76.08	14.999	2.9874
2.400	0.307	20.74	75.94	14.014	2.9954
2.600	0.251	16.97	77.06	12.818	2.8515
2.800	0.215	14.40	76.96	11.748	2.7995
3.000	0.188	12.70	76.27	10.911	2.8249
3.200	0.181	12.21	75.49	10.298	3.1468
3.400	0.187	12.62	74.78	9.861	3.6851
3.600	0.157	10.58	74.19	9.546	3.4586
3.800	0.145	9.68	76.76	9.310	3.5347
4.000	0.166	11.00	76.67	9.120	4.4471

RESPONSE SPECTRUM

RECORD = S-34U N-S 1968-07-01-19-45 SAITAMAKEN CHUBU
 STATION = SHINAGAWA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 1.500(SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 67.49(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.085	73.22	13.56	0.208	0.0046
0.100	1.361	91.84	41.77	0.843	0.0230
0.150	2.198	148.34	100.52	2.621	0.0828
0.200	2.561	159.34	136.28	4.180	0.1596
0.250	1.820	122.83	109.93	4.371	0.1904
0.300	1.875	126.54	94.81	4.416	0.2849
0.350	2.089	140.96	101.73	6.196	0.4318
0.400	2.167	146.26	137.63	8.426	0.5854
0.450	2.413	162.87	166.94	11.309	0.8255
0.500	2.679	180.79	198.05	15.112	1.1231
0.550	2.488	167.87	203.03	14.289	1.2587
0.600	2.124	143.31	179.20	14.036	1.2744
0.650	1.897	128.03	167.14	13.445	1.3415
0.700	1.508	108.49	141.52	12.546	1.3195
0.750	1.165	78.65	128.21	10.585	1.0936
0.800	1.074	72.45	124.82	9.688	1.1346
0.850	1.007	67.98	112.22	10.500	1.2177
0.900	0.969	65.38	112.31	10.758	1.3047
0.950	0.903	60.95	110.90	10.437	1.3501
1.000	0.923	62.27	107.83	10.788	1.5338
1.100	0.853	57.56	98.77	12.692	1.7075
1.200	0.795	53.68	90.12	12.571	1.9195
1.300	0.725	48.92	90.58	12.305	2.0515
1.400	0.657	44.36	85.65	12.768	2.1415
1.500	0.622	41.94	92.50	11.635	2.3024
1.600	0.592	39.97	93.06	11.418	2.4980
1.700	0.560	37.79	88.97	12.193	2.6578
1.800	0.528	35.60	81.24	12.962	2.7961
1.900	0.485	32.72	77.88	13.563	2.8532
2.000	0.435	29.34	74.96	13.917	2.8225
2.200	0.327	22.09	71.17	13.927	2.5618
2.400	0.256	17.30	71.44	13.330	2.4686
2.600	0.223	15.07	73.08	12.495	2.4537
2.800	0.205	13.82	73.61	11.678	2.5746
3.000	0.185	12.52	73.56	10.990	2.6463
3.200	0.168	11.34	73.28	10.447	2.7001
3.400	0.155	10.48	72.93	10.032	3.0311
3.600	0.149	10.05	72.61	9.713	3.2515
3.800	0.145	9.79	72.33	9.460	3.5439
4.000	0.148	10.02	72.11	9.252	4.0043

RESPONSE SPECTRUM

RECORD = S-340 E-W 1968-07-01-19-45 SAITAMAKEN CHUBU
 STATION = SHINAGAWA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 20.000(SEC) SKIPPED LENGTH = 7.500(SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 112.64(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.024	115.62	24.77	0.289	0.0076
0.100	1.220	137.40	42.76	0.951	0.0347
0.150	1.005	180.83	132.85	3.618	0.1022
0.200	2.877	324.05	310.91	9.937	0.3286
0.250	1.576	177.54	160.26	6.414	0.2814
0.300	1.612	181.61	171.26	7.516	0.4114
0.350	1.216	166.96	118.00	6.966	0.4231
0.400	1.551	174.65	177.36	11.269	0.7038
0.450	2.096	236.06	206.54	15.998	1.2068
0.500	2.161	243.69	255.36	20.146	1.5338
0.550	2.574	267.66	307.15	22.798	2.0692
0.600	2.564	266.26	291.67	26.692	2.4149
0.650	1.973	222.25	246.74	25.026	2.6676
0.700	1.208	169.81	231.91	21.629	2.0955
0.750	1.078	121.42	226.55	17.197	1.7178
0.800	0.963	108.46	196.88	15.297	1.7461
0.850	0.853	96.12	164.44	13.992	1.7466
0.900	0.730	82.25	136.29	13.715	1.6774
0.950	0.611	68.84	108.54	13.661	1.5636
1.000	0.560	63.04	111.45	13.067	1.5862
1.100	0.536	60.41	116.80	13.967	1.8357
1.200	0.605	68.19	118.40	13.897	2.4759
1.300	0.579	65.27	122.66	15.692	2.7677
1.400	0.496	55.92	111.89	15.101	2.7657
1.500	0.426	47.59	115.50	12.962	2.6937
1.600	0.592	44.15	116.51	11.677	2.8407
1.700	0.548	39.16	116.19	10.965	2.8694
1.800	0.299	33.64	115.55	10.760	2.7427
1.900	0.263	29.66	115.09	10.716	2.6734
2.000	0.262	26.13	114.95	10.761	2.6046
2.200	0.175	19.70	115.69	10.885	2.6789
2.400	0.138	15.52	116.11	10.810	2.2422
2.600	0.122	13.72	116.56	10.492	2.3176
2.800	0.113	12.78	116.57	10.001	2.5164
3.000	0.099	11.14	116.19	9.434	2.5006
3.200	0.089	9.97	115.56	8.874	2.5374
3.400	0.082	9.26	114.78	8.375	2.6554
3.600	0.078	8.78	116.96	7.964	2.8215
3.800	0.076	8.59	116.16	7.649	3.1045
4.000	0.076	8.61	112.42	7.429	3.4366

RESPONSE SPECTRUM

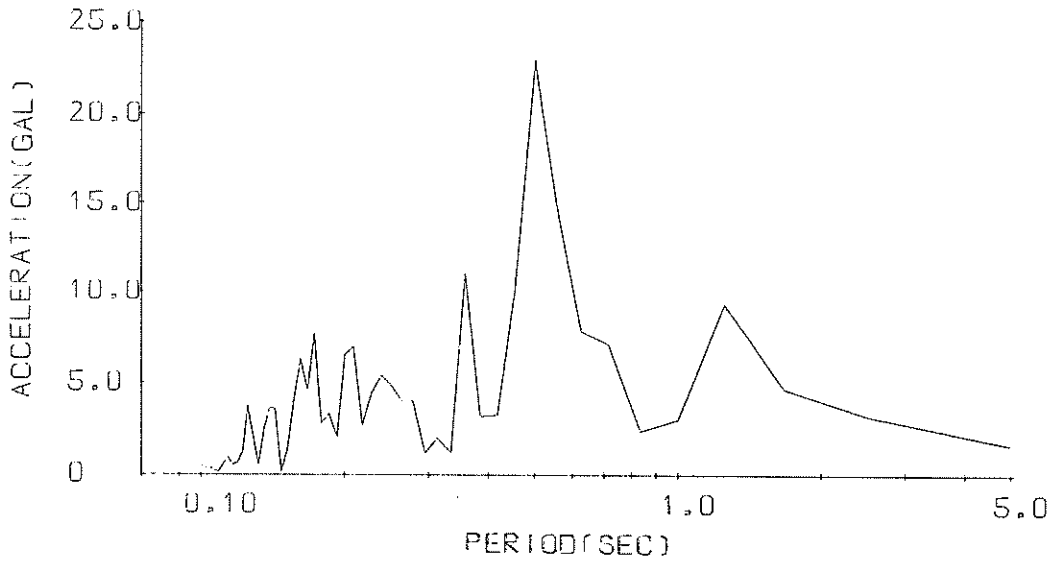
RECORD = S-340 E-W 1968-07-01-19-45 SAITAMAKEN CHUBU
 STATION = SHINAGAWA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 7.500(SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 112.64(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.021	114.96	19.05	0.251	0.0076
0.100	1.178	132.65	34.97	0.802	0.0335
0.150	1.510	147.57	109.90	2.946	0.0819
0.200	1.801	202.90	190.17	5.895	0.2034
0.250	1.459	164.39	155.12	5.226	0.2564
0.300	1.428	160.88	129.12	6.267	0.3626
0.350	1.297	146.09	114.21	7.051	0.4470
0.400	1.464	164.93	132.26	9.175	0.6595
0.450	1.675	188.46	168.20	12.119	0.9497
0.500	1.761	198.42	200.00	14.801	1.2330
0.550	1.861	209.58	227.20	16.562	1.5709
0.600	1.758	198.06	224.79	18.691	1.7652
0.650	1.488	167.65	185.07	19.151	1.7552
0.700	1.197	134.79	192.94	17.064	1.6334
0.750	0.883	99.50	191.40	14.412	1.5808
0.800	0.801	90.18	175.55	12.196	1.4196
0.850	0.708	79.75	155.80	11.366	1.4141
0.900	0.604	67.99	132.81	11.485	1.3516
0.950	0.536	60.40	115.36	11.484	1.3398
1.000	0.489	55.05	105.05	11.179	1.3559
1.100	0.418	47.07	100.36	11.875	1.4046
1.200	0.460	51.77	100.66	11.964	1.8363
1.300	0.441	49.68	105.04	12.495	2.0607
1.400	0.394	44.42	108.79	12.565	2.1254
1.500	0.355	40.01	111.98	11.386	2.1942
1.600	0.311	35.06	115.31	10.829	2.2400
1.700	0.287	32.32	115.61	10.651	2.3042
1.800	0.262	29.57	115.62	10.529	2.3529
1.900	0.237	26.70	115.58	10.481	2.3212
2.000	0.211	23.74	115.64	10.482	2.2644
2.200	0.164	18.49	114.07	10.526	2.0878
2.400	0.135	15.17	114.64	10.436	2.0064
2.600	0.109	12.29	115.05	10.181	1.8712
2.800	0.097	10.93	115.10	9.796	2.1082
3.000	0.091	10.30	114.89	9.354	2.2452
3.200	0.085	9.56	114.46	8.915	2.3427
3.400	0.079	8.95	115.91	8.515	2.4510
3.600	0.075	8.42	115.29	8.176	2.5628
3.800	0.070	7.87	112.68	7.908	2.7439
4.000	0.069	7.75	112.09	7.715	2.9907

S-31U N-S

TSK=9.00

TUS=5.00

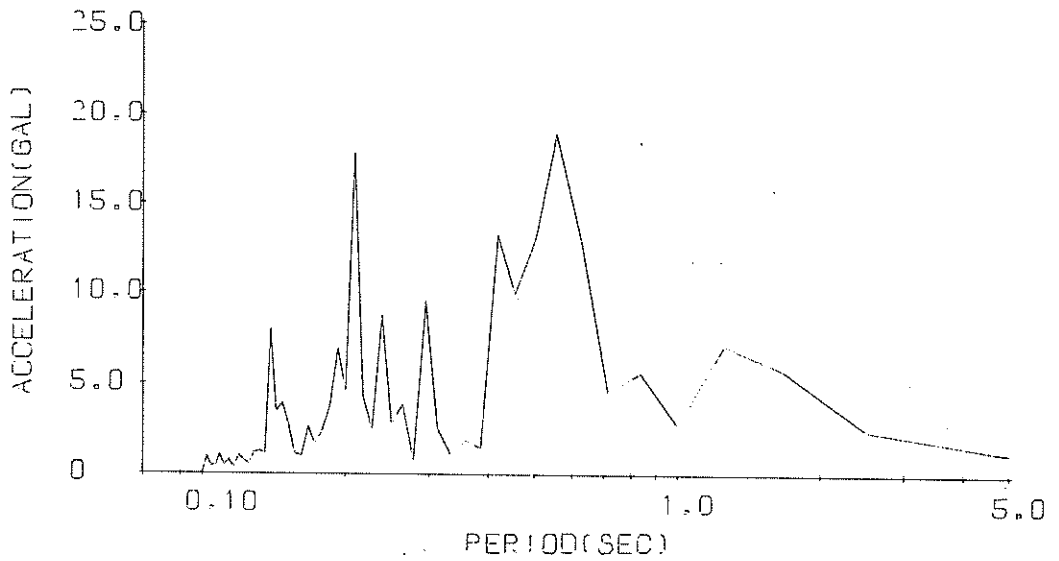


Fourier Spectrum

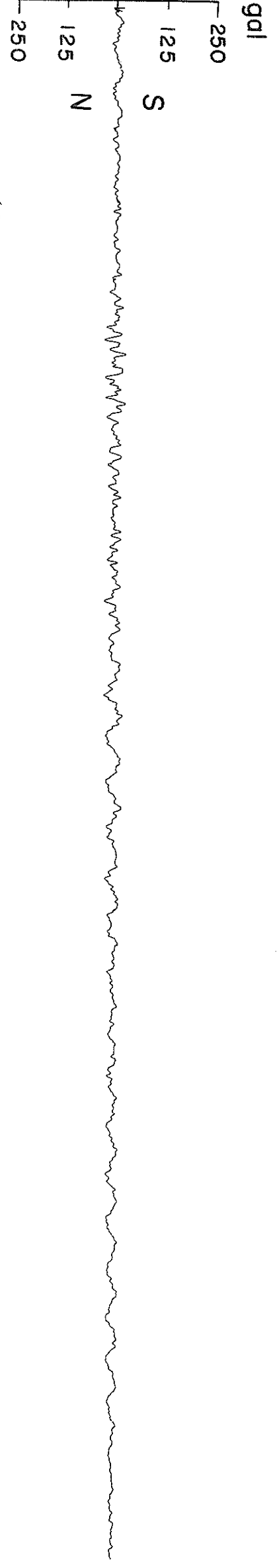
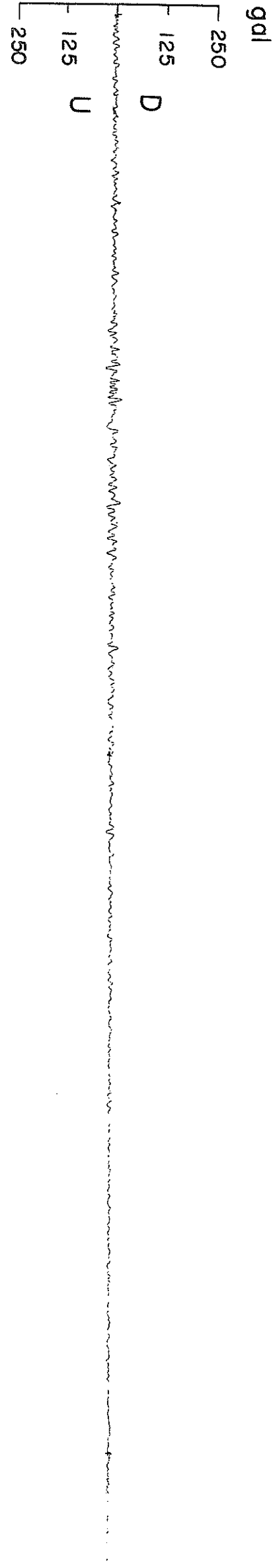
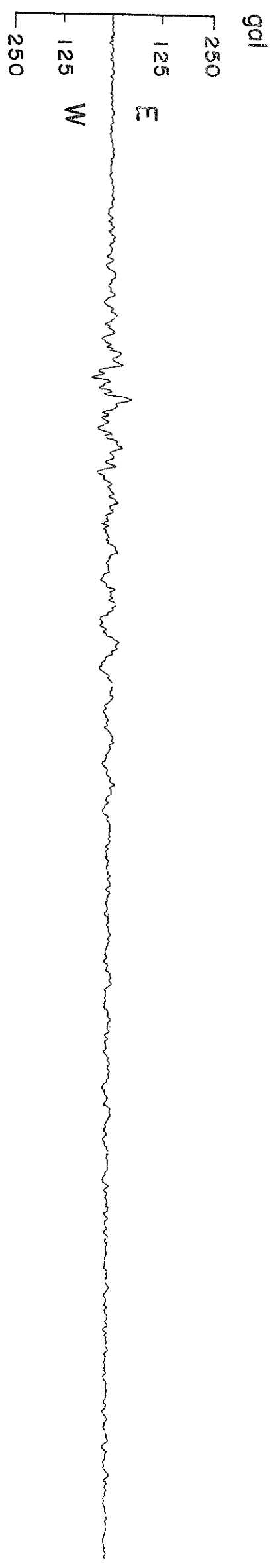
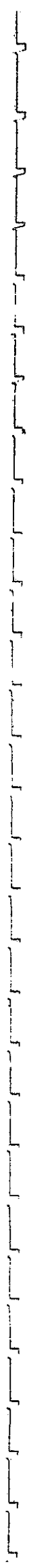
S-340 E-W

TSK=9.00

TUS=5.00



Fourier Spectrum



(S-361, OFUNATO-S, 20:28 on JULY 5, 1968)
-251~252-

RECORD=S-361; COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=OFUNATO-S
 DATE AND TIME=1968-07-05-20-28 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 5950

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.00	-1.12	-0.54	-7.56	7.92	-0.50	5.38	-4.45	-2.47	-8.65
2	-0.02	-0.02	-0.04	-7.45	7.94	-0.80	5.67	-5.65	-4.08	-6.18
3	-0.00	1.68	1.46	-6.15	9.72	-0.81	5.37	-6.35	-7.67	-5.18
4	-0.20	3.88	2.16	-8.06	10.12	-0.11	5.17	-6.85	-8.13	-4.08
5	-0.40	5.37	1.96	-8.96	10.22	-0.11	4.66	-7.45	-5.15	-0.79
6	-0.70	4.16	1.56	-8.57	10.62	-0.21	1.67	-7.84	-2.17	0.01
7	-1.10	-0.52	1.56	-4.78	10.90	-0.71	-0.13	-7.13	1.53	0.71
8	-1.90	-1.12	1.86	-7.79	10.40	-1.21	-0.33	-5.14	7.15	1.71
9	-4.31	-1.62	3.46	-9.79	9.91	-2.61	-0.73	-4.14	8.93	1.61
10	-5.30	-0.02	4.87	-10.78	9.80	-6.43	-0.63	-0.63	8.93	0.81
11	-4.60	0.07	6.96	-11.41	9.20	-9.23	9.01	-0.15	9.01	-1.89
12	-4.10	0.47	7.46	-9.39	8.62	-10.10	0.77	1.15	7.78	-3.90
13	-3.90	1.07	7.95	-5.46	9.12	-9.87	3.77	1.35	4.22	-6.90
14	-3.60	1.17	7.85	-4.67	9.52	-8.08	4.57	0.85	1.93	-7.29
15	-1.80	1.17	7.94	-4.27	9.81	-5.90	5.27	0.15	1.23	-7.18
16	0.59	-0.13	6.95	-4.17	9.79	-4.51	5.76	-0.25	1.03	-5.49
17	4.40	-3.64	6.35	-5.39	8.90	-3.51	5.26	-4.36	0.63	-4.59
18	5.30	-6.75	5.85	-8.00	8.10	-2.11	4.26	-4.86	0.33	-4.50
19	7.30	-8.78	5.65	-9.99	7.54	-0.11	1.87	-5.46	0.33	-4.90
20	7.69	-11.66	5.85	-10.70	1.91	2.79	2.07	-5.85	-0.18	-5.50
21	7.89	-12.64	6.05	-11.74	0.11	3.79	1.77	-5.53	-0.98	-5.80
22	8.00	-12.92	6.37	-10.73	-0.39	3.79	1.67	-2.15	-2.88	-6.09
23	9.93	-9.93	9.19	-9.14	-0.09	3.79	1.27	-1.36	-2.88	-5.19
24	11.91	-8.42	11.57	-7.56	-0.09	3.79	1.47	-0.16	-3.28	-3.69
25	12.55	-3.93	12.15	-6.27	3.78	3.78	1.76	-0.06	-3.38	-2.20
26	14.32	-3.73	12.14	-5.87	-0.09	3.28	2.26	-0.26	-3.18	-0.20
27	15.09	-3.73	11.81	-5.08	-0.09	2.88	2.86	-0.86	-2.08	2.21
28	15.09	-4.74	10.43	-5.58	-0.09	1.88	2.86	-2.06	-1.38	6.31
29	15.04	-5.34	9.73	-6.08	0.10	-0.12	2.26	-2.16	-0.48	7.70
30	13.91	-6.94	9.14	-7.08	0.50	-2.02	0.86	-1.16	-0.18	7.79
31	11.87	-7.94	9.06	-7.66	0.60	-3.82	0.26	0.54	0.52	6.77
32	8.16	-8.43	9.85	-6.77	1.80	-4.31	-0.14	1.54	0.52	6.77
33	5.99	-8.13	10.16	-5.96	2.60	-3.51	-0.64	3.14	0.82	3.79
34	6.39	-7.93	10.95	-4.27	2.90	-4.64	-0.64	4.55	0.02	1.00
35	7.09	-7.62	11.34	-2.08	1.90	-1.12	-4.94	6.04	-0.30	-0.20
36	7.39	-6.23	11.11	-0.48	1.00	-0.32	-4.24	6.24	-0.28	-0.70
37	7.85	-5.43	9.91	-0.08	0.50	-0.12	-3.24	6.74	-0.68	-1.90
38	5.37	-4.73	8.10	-0.12	-0.80	0.38	-1.84	7.03	-0.88	-2.90
39	2.98	-3.93	5.03	-0.08	-3.51	1.78	-0.84	6.23	-0.88	-3.20
40	1.18	-2.54	2.94	-0.08	-6.01	3.38	-0.14	5.23	-0.88	-5.20
41	0.38	-2.14	2.44	-0.08	-7.40	4.78	1.76	3.63	-1.48	-3.20
42	0.28	-2.14	4.24	-0.08	-7.38	5.68	1.66	2.04	-1.48	-3.20
43	1.88	-1.84	4.54	-0.08	-5.90	5.98	0.86	1.64	-1.58	-3.21
44	3.89	-1.54	5.14	-0.08	-5.49	6.27	-0.14	1.14	-1.69	-3.21
45	4.99	-0.74	4.64	0.22	-4.16	5.97	-1.24	3.04	-1.79	-2.71
46	5.87	-1.34	3.94	1.62	-3.10	5.68	-2.85	5.75	-1.89	-2.61
47	4.58	-1.64	3.13	2.52	-2.30	5.48	-4.45	7.54	-2.09	-2.01
48	3.98	-1.94	0.54	5.82	-1.10	5.57	-5.85	7.83	-7.69	-1.21
49	3.37	-1.64	-1.97	6.12	-0.40	5.37	-5.84	7.81	-8.09	-0.71
50	-0.72	-1.04	-5.78	6.13	-0.40	4.98	-5.14	6.26	-8.29	-0.41

RECORDS=361
 DATE ANU TIME=1968-07-05-20-28
 COMPONENT=N-S
 SIGNAL=GR.ACC.
 CORRECTION=ZERO.ARC
 STATION=OFUNATO-S
 SAMPLING INTERVAL= 0.010(SEC)
 FORMAT NO.=301
 TOTAL NUMBER OF DATA= 5950

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	-0.41	-3.93	0.75	1.63	-4.00	-3.30	13.01	1.74	-8.28	-16.24
2	-0.21	-4.23	1.25	-2.18	-6.22	3.98	11.61	1.74	-8.29	-13.57
3	0.29	-4.13	-0.15	-8.26	-9.01	3.58	0.84	0.84	-8.90	-12.75
4	1.98	-3.93	-0.25	-14.44	-10.20	2.63	6.58	-0.06	-10.13	-11.37
5	3.33	-4.13	-1.75	-20.53	-10.29	1.68	-2.24	-0.36	-12.36	-10.33
6	5.70	-4.54	-2.15	-24.92	-10.12	0.79	-7.72	0.34	-15.01	-7.36
7	6.90	-3.54	-2.25	-29.70	-2.49	5.82	-14.15	5.36	-17.66	-4.19
8	7.69	-7.17	-2.05	-29.07	-1.90	10.80	-14.46	7.85	-17.19	-1.50
9	7.78	-10.20	1.250	-26.75	-1.80	11.46	-14.89	8.14	-14.31	1.50
10	7.28	-13.18	7.05	-20.62	-1.40	10.52	-15.97	7.84	-12.74	5.90
11	6.83	-16.92	7.74	-10.19	-0.80	3.68	-18.62	7.53	-11.56	6.19
12	6.28	-16.52	7.13	-6.21	-0.81	2.08	-28.27	6.83	-7.37	5.58
13	5.78	-14.57	5.54	1.63	-0.04	-1.42	-22.48	5.84	-6.18	3.59
14	5.58	-13.05	4.84	7.63	-4.18	0.32	-20.07	5.54	-3.58	-0.20
15	4.58	-8.18	4.25	7.92	-0.30	1.18	-16.28	5.24	-5.34	-6.11
16	3.78	-4.43	5.44	7.70	11.68	1.58	-15.29	5.57	-4.37	-4.70
17	2.78	-3.83	5.59	6.12	14.45	3.35	-13.01	11.13	-0.78	-4.69
18	1.58	-2.04	5.73	5.62	15.60	3.67	-4.83	10.98	0.92	3.86
19	0.88	-0.84	3.73	5.52	15.46	-0.42	-2.24	6.75	1.92	9.54
20	0.18	-0.24	-0.26	5.62	14.75	-6.28	-0.84	3.62	2.92	11.99
21	-0.02	-0.24	-3.97	5.80	13.69	-13.30	0.96	-2.67	7.52	11.96
22	1.63	-0.24	-6.15	3.71	13.41	-20.78	0.96	-8.34	7.83	10.72
23	3.69	0.06	-5.25	-0.28	13.63	-26.39	2.96	-13.12	8.72	7.52
24	7.89	7.68	-2.76	-4.72	14.29	-26.74	5.36	-14.47	8.77	7.52
25	8.51	8.87	-2.06	-12.15	14.06	-22.02	5.54	-14.62	9.19	1.59
26	10.50	9.13	-1.76	-14.25	12.97	-9.45	3.63	-14.77	7.76	-6.11
27	11.47	7.73	-0.66	-15.79	9.62	-5.41	-3.85	-14.79	3.71	-6.91
28	11.14	5.74	-0.56	-15.97	5.75	-2.82	-5.66	-15.38	1.61	-6.91
29	9.55	2.75	-6.22	-15.61	-0.81	-2.12	-7.85	-15.67	-0.50	-6.91
30	-1.52	-0.24	-18.75	-14.07	-9.67	-0.33	-8.25	-15.70	-2.29	-6.81
31	-3.13	-2.14	-18.61	-9.19	-18.23	3.18	-8.25	-14.51	-4.30	-6.80
32	-7.95	-3.74	-24.33	-4.28	-24.10	7.62	-8.25	-13.18	-6.38	-5.99
33	-10.12	-4.35	-24.78	-3.28	-26.38	11.02	-10.26	-8.30	-5.38	-3.91
34	-10.21	-4.95	-19.76	-0.29	-27.39	13.28	-10.65	-3.36	-3.78	-2.61
35	-9.80	-5.75	-14.09	1.42	-26.55	21.00	-10.86	0.63	-1.89	-0.41
36	-8.62	-5.94	-10.25	7.66	-22.10	21.56	-10.86	2.94	-0.69	2.14
37	-8.33	-5.73	-9.64	11.55	-19.80	22.05	-11.31	2.94	-0.49	4.69
38	-8.53	-4.14	-8.16	16.05	-14.15	20.67	-11.74	11.24	-0.29	4.57
39	-8.82	-2.14	-7.77	23.57	-10.44	17.41	-11.25	11.51	-0.39	1.46
40	-8.82	-0.25	-7.85	24.33	-7.68	13.51	-7.72	11.00	-0.39	1.46
41	-8.41	9.53	-6.32	20.75	-5.61	9.42	-5.64	11.00	-0.39	1.46
42	-7.30	13.59	-1.27	11.33	-6.21	6.61	-4.15	13.51	-0.39	4.32
40	-5.32	16.97	1.64	5.6	-6.42	4.77	-4.5	12.98	-0.39	-4.32
44	-4.23	17.10	9.46	-3.50	-7.54	5.39	-4.26	11.54	-0.39	-6.81
45	-4.13	14.44	11.05	-6.08	-10.06	5.39	-5.86	9.62	-1.90	-6.61
46	-3.93	7.67	11.68	-4.29	-12.49	9.57	-6.25	7.89	-5.14	-6.42
47	-3.33	1.25	13.40	-3.29	-14.77	9.89	-5.73	5.39	-11.40	-6.52
48	-2.73	-0.75	12.67	-2.29	-16.84	10.98	-2.35	11.24	-11.40	-6.52
49	-2.63	-1.25	10.96	-2.19	-15.49	11.59	-0.35	-2.28	-17.51	-6.81
50	-2.93	-0.25	8.13	-2.19	-11.10	12.39	0.75	-4.09	-17.61	-6.21

RECORD=S-361 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZPRO.ARC STATION=UNATO-S
 DATE AND TIME=1968-07-05-20-28 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 5950

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-5.62	7.49	5.64	12.06	-11.08	-15.02	7.38	-10.09	5.34	-17.99
2	-6.12	9.92	5.61	10.74	-13.95	-15.02	9.37	-6.56	8.73	-17.68
3	-6.52	12.49	1.54	7.79	-15.10	-15.00	10.10	-5.87	9.48	-17.27
4	-6.52	13.36	-2.37	5.29	-15.10	-14.62	12.62	-5.87	12.87	-16.65
5	-6.31	13.29	-8.23	0.92	-14.98	-14.53	12.62	-6.39	17.26	-15.76
6	-5.62	11.45	-13.06	-0.98	-14.41	-12.43	13.00	-8.62	19.41	-14.91
7	-5.03	7.52	-13.01	-4.39	-10.27	-9.49	11.38	-11.84	19.25	-14.92
8	-6.12	4.65	-11.51	-8.68	-8.85	-7.50	8.85	-14.11	17.19	-15.26
9	-6.35	2.95	-9.47	-5.87	-4.50	-5.72	8.55	-15.26	15.22	-16.46
10	-9.94	0.56	-4.96	-4.38	-3.69	-4.52	8.55	-17.16	13.31	-18.91
11	-10.91	-1.14	-4.96	-4.39	-0.11	-3.52	9.06	-18.57	10.56	-18.82
12	-10.40	-2.34	-4.96	-4.79	2.80	-2.73	9.46	-20.08	8.58	-17.58
13	-9.40	-2.54	-4.56	-5.10	6.69	-2.73	9.87	-22.60	6.90	-16.26
14	-8.32	-2.75	-3.46	-7.79	6.69	-2.73	10.96	-25.69	5.51	-15.76
15	-8.01	-4.35	-2.46	-8.39	6.69	-4.24	11.35	-28.27	5.31	-15.54
16	-6.81	-6.48	-0.07	-8.56	6.09	-6.44	11.45	-28.09	5.31	-10.36
17	-5.81	-10.23	4.84	-6.59	5.48	-8.26	11.43	-26.80	5.31	-8.18
18	-3.62	-13.75	5.43	-6.38	4.20	-10.88	10.59	-24.24	5.61	-5.71
19	-2.42	-13.73	5.43	-5.00	5.80	-12.43	8.03	-20.21	6.42	-4.71
20	-1.93	-13.58	4.73	-5.49	7.43	-12.43	6.73	-16.44	7.74	-4.31
21	-1.93	-11.59	3.68	-6.71	10.41	-12.43	4.74	-15.87	10.51	-2.61
22	-2.33	-6.12	2.63	-8.48	11.08	-12.43	3.74	-15.86	10.47	-1.01
23	-2.53	-2.55	2.63	-14.14	10.86	-12.55	2.05	-15.67	8.75	-0.62
24	-2.93	-0.45	3.43	-17.89	9.82	-13.17	0.45	-15.60	5.28	-0.62
25	-2.93	6.05	3.63	-22.22	6.48	-14.25	-0.55	-14.22	0.40	-0.62
26	-2.23	6.03	3.62	-24.55	5.46	-14.73	-0.55	-12.91	-3.30	0.38
27	-2.23	3.84	1.93	-26.99	1.28	-14.73	-0.55	-8.39	-6.50	1.58
28	-2.73	1.55	-0.47	-26.99	0.49	-14.71	-0.25	-3.07	-6.49	2.78
29	-3.13	-3.11	-4.19	-26.82	1.19	-14.00	1.14	-2.47	-5.80	3.99
30	-4.33	-7.76	-7.87	-25.34	6.00	-10.79	1.34	-1.12	-5.81	6.38
31	-4.33	-8.15	-7.84	-21.30	7.40	-8.90	0.84	3.43	-6.90	6.69
32	-4.63	-8.15	-5.06	-15.71	8.70	-6.33	1.04	5.72	-7.63	7.09
33	-4.42	-7.95	-2.87	-14.12	9.42	-6.74	3.05	5.32	-10.25	7.48
34	-0.63	-7.55	-0.67	-10.17	11.26	-7.15	5.24	4.82	-12.39	7.58
35	3.44	-7.05	0.03	-4.88	11.28	-8.04	4.82	4.82	-13.25	7.69
36	9.42	-7.07	1.03	-1.99	11.26	-8.46	5.23	5.22	-18.18	8.68
37	12.26	-8.18	1.03	-0.50	10.46	-9.35	3.03	5.22	-19.30	8.71
38	12.09	-9.77	1.02	-1.20	9.34	-10.44	0.66	5.22	-19.28	10.71
39	9.73	-10.39	1.02	1.20	7.25	-10.32	0.66	5.22	-19.10	12.15
40	7.69	-11.80	0.82	1.20	4.77	-9.72	-5.96	5.22	-19.15	14.47
41	1.96	-13.20	0.82	1.20	1.48	-8.44	-8.29	4.70	-19.74	14.32
42	-2.34	-14.45	1.02	-0.10	-0.52	-8.44	-8.29	1.62	-20.17	13.11
43	-6.36	-16.52	2.12	-0.50	-2.42	-8.44	-10.49	0.82	-21.08	11.37
44	-9.16	-19.23	3.83	-0.70	-5.24	-8.44	-11.81	0.82	-22.80	10.98
45	-10.34	-20.06	7.63	-0.70	-9.04	-8.74	-13.38	3.93	-22.77	10.98
46	-10.28	-19.91	8.26	0.00	-10.33	-8.54	-16.46	7.33	-22.30	10.98
47	-7.79	-18.11	10.75	0.90	-10.66	-8.12	-16.43	8.42	-20.43	11.30
48	-4.43	-14.63	12.02	-0.50	-12.24	-6.62	-15.85	8.40	-18.59	12.36
49	-2.40	-11.61	12.02	-3.61	-12.98	-4.52	-13.68	7.29	-16.39	13.31
50	1.27	-3.44	12.02	-7.84	-14.45	1.66	-11.72	5.32	-16.19	13.31

RECORD-S-361
DATE AND TIME=1968-07-05-20*28
COMPONENT=N-S
SAMPLING INTERVAL= 0.010(SEC)
CORRECTION=ZERO ARC
FORMAT NO.=301
TOTAL NUMBER OF DATA= 5950
STATION=DFUNATO-S

NO.	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)
1	11.74	3.23	-6.56	3.59	-6.62	-16.85	4.73	0.21	-6.81
2	10.51	4.44	-3.68	4.59	-7.72	-16.85	5.53	-0.79	-6.50
3	7.73	5.83	-1.09	5.90	-3.92	-16.82	6.73	-0.80	-4.81
4	4.77	4.77	1.09	7.19	-0.73	-16.12	7.33	-3.80	-3.80
5	3.47	5.83	-1.09	7.59	1.17	-13.81	7.84	-3.80	-2.42
6	3.37	4.82	-1.89	7.58	2.57	-12.69	8.63	-1.10	-2.02
7	3.37	3.32	-2.59	6.65	2.26	-10.85	8.72	-3.20	-0.82
8	3.37	-0.77	-3.99	3.18	1.07	-10.66	8.72	-5.02	-0.82
9	3.37	-0.77	-3.89	0.29	-0.73	-10.66	8.40	-8.56	-0.92
10	3.37	-2.17	-3.89	-1.32	-0.74	-10.66	7.09	-12.41	-1.12
11	3.27	-3.88	-3.89	-8.75	-0.44	-10.66	3.62	-15.91	-2.12
12	3.27	-2.65	-3.89	-8.75	1.57	-10.61	2.92	-17.89	-2.72
13	4.57	-4.77	-3.89	-10.86	3.92	-8.74	2.22	-17.61	-2.72
14	5.27	-1.05	-2.70	-12.68	6.26	-7.94	1.62	-14.90	-2.72
15	5.26	-0.65	-2.70	-14.42	6.26	-6.26	1.62	-12.89	-0.82
16	3.66	-4.98	-2.49	-14.42	6.26	-6.26	1.62	-12.48	-0.82
17	3.46	-4.98	-1.10	-14.40	6.57	-6.26	1.57	-8.90	-0.72
18	1.36	-4.98	-0.70	-13.97	6.97	-6.26	1.52	-8.70	-0.32
19	-0.94	-6.60	0.40	-12.89	8.29	-6.26	1.62	-8.40	-0.82
20	-3.34	-9.36	1.20	-12.12	10.36	-6.26	1.62	-8.00	-0.82
21	-3.74	-13.79	3.20	-9.02	10.36	-6.16	1.42	-7.90	-0.82
22	-4.54	0.84	3.20	-8.82	10.32	-6.06	0.52	-7.95	-0.12
23	-6.36	-0.66	3.20	-8.84	8.65	-6.07	-0.78	-8.00	1.28
24	-8.55	-0.66	3.80	-10.08	4.65	-6.68	-1.28	-8.00	1.88
25	-9.36	-0.66	4.70	-12.71	3.46	-8.07	-3.39	-7.99	3.28
26	-10.59	-0.66	5.20	-15.57	3.46	-8.66	-4.48	-6.89	4.48
27	-12.60	-0.66	5.20	-20.44	5.18	-8.67	-4.18	-5.80	5.08
28	-14.43	-0.66	5.20	-23.72	8.48	-9.08	-3.18	-5.00	6.28
29	-16.54	-0.36	5.20	-23.72	10.26	-10.08	-2.68	-4.40	7.08
30	-20.02	2.65	5.20	-23.55	10.26	-11.02	-1.19	-2.91	7.48
31	-21.95	6.55	5.20	-22.07	10.26	-13.17	-1.09	-5.35	6.95
32	-22.04	7.24	5.60	-20.54	9.13	-15.78	-1.09	-5.35	5.17
33	-21.96	7.26	6.60	-18.59	7.45	-16.07	-0.79	-8.71	4.74
34	-21.24	9.27	6.70	-16.86	7.15	-16.01	-0.79	-8.71	4.74
35	-21.24	11.29	6.69	-15.87	7.15	-14.98	-0.79	-8.67	-0.73
36	-21.24	13.36	5.59	-14.91	7.15	-13.12	-0.59	-6.56	-2.73
37	-21.13	16.44	5.20	-14.62	7.15	-11.74	-0.39	-3.81	-4.53
38	-19.94	16.37	5.19	-14.49	7.15	-10.67	-0.39	-2.71	-4.73
39	-18.68	15.24	5.19	-13.69	7.13	-10.72	-0.79	-2.31	-5.13
40	-16.56	15.24	5.09	-12.99	5.44	-12.68	-1.29	-2.31	-4.62
41	-15.13	15.13	3.69	-12.54	3.65	-12.84	-2.69	-2.31	-2.63
42	-14.86	13.05	3.19	-10.02	1.65	-12.84	-4.69	-2.31	-3.33
43	-15.30	10.65	14.15	-4.93	0.45	-11.81	-3.99	-2.51	-3.33
44	-16.45	7.09	1.29	-4.52	-0.75	-6.64	-2.69	-3.12	-3.23
45	-16.55	2.73	1.19	-2.63	-1.45	-3.87	-1.79	-4.72	-3.74
46	-16.53	-0.67	1.19	-2.13	-2.45	-2.27	-0.39	-6.51	-3.03
47	-16.27	-2.37	1.79	-2.03	-4.67	-0.77	1.11	-6.72	-4.04
48	-15.01	-2.57	3.09	-2.63	-8.49	2.63	1.21	-7.12	-4.54
49	-14.25	-13.99	3.09	-4.64	-11.14	3.53	1.21	-7.91	-4.74
50	-14.26	-0.67	3.19	-6.63	-14.56	4.53	1.01	-7.80	-4.94

RECORDS-361
DATE AND TIME=1968-07-05-20-28

COMPONENT=N-S
SAMPLING INTERVAL= 0.010(SEC)

SIGNAL=GR.ACC.
CORRECTION=ZERO.ARC
FORMAT NO.=301

STATION=OFUNATO-S
TOTAL NUMBER OF DATA= 5950

NO.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	-6.04	-0.86	0.12	-5.10	-0.92	-2.94	-7.36	-0.98	-17.74	9.76
2	-6.32	-0.86	-3.58	-4.70	-2.82	-1.94	-7.06	-0.98	-16.11	8.96
3	-4.84	-0.86	-5.60	-3.90	-5.52	-0.94	-6.74	-0.48	-18.71	8.16
4	-4.54	0.14	-8.61	-3.39	-5.51	1.76	-4.66	0.72	-15.21	7.25
5	-4.54	2.64	-10.82	-0.90	-3.42	1.86	-4.16	1.92	-15.33	5.37
6	-4.54	4.74	-12.51	-0.60	-2.92	2.96	-4.56	2.92	-15.71	3.97
7	-5.15	5.04	-13.40	0.30	-2.72	3.05	-4.87	3.12	-15.71	2.87
8	-6.54	5.64	-13.95	0.80	-2.62	2.06	-5.78	3.11	-15.71	3.68
9	-6.75	4.93	-13.26	1.00	-2.82	0.76	-7.58	3.11	-15.73	5.07
10	-7.35	2.94	-12.62	1.00	-3.23	0.16	-8.89	3.02	-16.10	4.97
11	-7.82	2.14	-10.84	2.80	-6.25	-0.54	-10.32	3.72	-15.95	4.17
12	-6.02	1.24	-9.38	5.01	-8.84	-0.25	-12.57	4.71	-14.92	3.97
13	-2.84	1.34	-9.18	6.70	-9.87	0.96	-13.82	4.92	-13.13	3.07
14	-0.84	1.24	-8.87	7.40	-12.11	4.36	-18.58	5.92	-11.00	3.27
15	1.46	1.34	-8.16	8.01	-14.63	6.97	-20.09	6.92	-10.62	4.07
16	2.56	1.24	-6.19	8.90	-14.88	8.97	-20.25	7.92	-10.94	3.27
17	1.06	1.24	-6.80	8.99	-15.97	9.65	-18.85	8.71	-12.16	2.37
18	-0.84	1.24	-8.62	8.67	-16.73	9.65	-17.28	8.92	-13.76	1.17
19	-1.14	1.24	-10.88	7.08	-16.85	9.35	-15.86	9.32	-14.93	0.67
20	-1.14	1.24	-14.69	5.58	-17.12	9.02	-13.89	9.72	-15.20	-0.43
21	-0.95	1.23	-16.83	4.09	-17.07	7.13	-11.94	10.11	-14.96	-1.03
22	-6.75	1.23	-17.32	2.29	-17.60	5.55	-10.97	8.99	-13.97	-1.63
23	-6.95	1.13	-14.72	2.09	-17.10	5.25	-10.76	8.99	-12.95	-1.93
24	-7.15	1.03	-11.17	2.39	-16.59	5.65	-10.37	7.98	-11.17	-2.73
25	-7.25	1.03	-8.87	2.39	-14.31	5.85	-10.38	6.29	-9.40	-2.03
26	-7.95	1.03	-5.28	2.29	-13.89	6.05	-10.89	4.61	-8.81	-1.03
27	-8.15	0.53	-4.08	1.09	-12.88	6.05	-11.70	4.61	-8.51	-1.04
28	-8.55	-0.87	-2.79	0.09	-11.60	6.05	-12.70	4.60	-8.01	-1.04
29	-8.75	-0.87	-3.09	-0.11	-10.42	6.04	-13.62	4.00	-7.51	-1.04
30	-8.75	-2.77	-3.59	-0.71	-10.11	5.44	-14.88	3.00	-7.01	-1.04
31	-8.96	-4.37	-4.40	-1.31	-8.92	4.44	-14.93	2.40	-6.01	-1.04
32	-9.57	-4.97	-5.60	-0.91	-8.21	2.74	-13.88	1.20	-5.01	-1.04
33	-10.57	-4.66	-6.78	-0.81	-6.83	0.05	-11.75	0.00	-4.21	-1.04
34	-11.49	-2.27	-5.88	0.19	-6.08	-0.95	-10.73	-0.50	-3.32	-1.44
35	-12.75	-0.87	-4.89	0.99	-5.34	-1.45	-8.75	-0.50	-2.32	-1.44
36	-12.85	1.73	-4.59	1.29	-6.04	-1.76	-7.17	-1.00	-1.62	-2.34
37	-12.75	5.33	-4.39	0.89	-6.84	-1.76	-6.17	-1.00	-1.62	-3.55
38	-12.72	6.43	-4.80	0.09	-7.85	-1.76	-4.87	-2.50	-1.02	-7.97
39	-11.82	6.42	-5.61	-0.91	-8.64	-2.66	-3.97	0.68	-10.17	-7.97
40	-10.83	5.72	-7.61	-1.62	-8.84	-2.86	-3.97	0.68	-10.17	-7.97
41	-9.83	5.32	-9.10	-2.02	-8.83	-3.27	-2.38	2.98	-11.35	-11.35
42	-8.75	4.12	-9.61	-2.42	-8.41	-6.88	-1.38	2.98	-11.35	-11.35
43	-8.75	3.32	-10.61	-2.41	-6.91	-8.65	-0.98	2.98	-11.35	-11.35
44	-8.33	3.02	-11.20	-0.92	-4.65	-7.93	3.92	2.98	-12.55	-12.55
45	-6.85	2.92	-7.88	0.38	-1.94	-6.05	4.83	3.68	-12.74	-12.74
46	-6.44	2.52	-6.60	2.28	-1.84	-6.05	4.83	3.68	-12.74	-12.74
47	-5.25	2.42	-6.59	2.98	-2.74	-5.92	4.83	3.68	-12.74	-12.74
48	-4.05	2.42	-6.30	3.48	-3.44	-5.61	4.83	3.68	-12.74	-12.74
49	-2.65	2.12	-6.09	2.48	-3.64	-6.26	5.01	3.68	-11.64	-11.64
50	-0.86	0.92	-5.30	1.08	-4.43	-7.36	4.00	3.68	-11.54	-11.54
							0.02	-16.76	9.58	-11.55

RECORD=5-361 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZERO,ARC STATION=OFUNATO-S
 DATE AND TIME=1968-07-05-20-28 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 5950

NO.	(2500)	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)
1	-11.67	8.93	-17.28	6.29	-9.81	6.05	-4.47	-2.59	-1.91	4.37
2	-12.56	8.74	-17.19	5.89	-9.11	5.64	-4.37	-2.19	-2.31	4.36
3	-12.97	8.83	-17.19	4.84	-7.93	4.64	-4.17	-1.79	-2.61	3.76
4	-13.77	8.84	-17.17	2.89	-7.63	3.04	-3.77	-1.19	-2.61	1.96
5	-14.23	9.53	-16.87	2.09	-7.53	0.85	-3.67	-1.19	-2.31	0.96
6	-13.72	9.33	-16.59	3.34	-7.28	0.35	-3.47	0.61	-1.81	0.36
7	-13.04	9.42	-16.59	4.59	-7.03	-1.05	-3.67	0.71	-1.61	-0.84
8	-12.71	8.93	-16.50	5.60	-6.83	-1.15	-3.88	0.81	-1.82	-0.84
9	-11.63	7.92	-14.99	7.50	-6.53	-2.05	-4.37	0.91	-1.22	-1.24
10	-11.17	8.92	-13.02	8.20	-6.22	-3.06	-4.37	0.70	-1.52	-2.94
11	-11.98	6.91	-11.04	8.79	-4.83	-3.86	-3.47	0.80	-2.92	-4.14
12	-12.95	5.12	-9.05	9.08	-3.83	-5.46	-2.67	0.60	-3.72	-5.14
13	-13.03	3.92	-6.49	8.68	-2.63	-6.46	-1.18	-0.80	-3.92	-5.24
14	-12.51	2.13	-6.59	8.46	0.57	-7.07	0.42	-1.20	-4.32	-5.14
15	-11.43	-0.07	-6.58	6.87	2.07	-8.86	3.23	-1.50	-3.92	-4.84
16	-10.53	-0.67	-5.69	5.27	2.57	-9.07	4.03	-2.10	-3.82	-4.64
17	-9.63	-1.07	-5.09	2.88	2.76	-9.88	4.73	-2.90	-3.22	-4.24
18	-8.71	-1.07	-4.79	0.19	2.76	-11.05	7.23	-5.10	-2.32	-3.94
19	-6.44	-1.07	-3.29	-0.12	2.76	-10.86	7.93	-5.70	-1.22	-4.24
20	-4.95	-1.07	-3.29	-1.12	2.76	-10.87	8.73	-6.40	-1.22	-4.74
21	-3.75	-1.37	-2.79	-1.42	2.76	-11.49	9.02	-6.90	-0.52	-4.85
22	-2.55	-1.78	-2.09	-2.92	2.36	-12.77	9.21	-6.90	-0.42	-5.34
23	-2.76	-2.58	-1.10	-3.97	2.36	-13.23	8.80	-6.40	-0.82	-5.95
24	-3.26	-3.18	1.40	-5.03	2.16	-13.66	7.80	-6.20	-1.22	-6.96
25	-3.76	-4.78	2.81	-7.02	2.46	-13.55	6.31	-5.70	-1.22	-8.23
26	-4.66	-4.98	5.90	-7.52	2.76	-13.25	4.81	-5.50	-1.22	-7.44
27	-4.95	-6.58	5.90	-7.93	2.96	-12.96	2.82	-5.31	-1.22	-6.74
28	-4.55	-6.38	5.50	-8.86	3.46	-12.94	1.82	-6.51	-1.22	-6.74
29	-3.25	-6.78	5.10	-11.06	4.36	-12.33	0.82	-7.11	-1.22	-6.43
30	-2.36	-6.88	4.80	-12.43	5.26	-11.25	-0.18	-7.51	-0.92	-5.24
31	-1.06	-6.78	4.80	-12.86	5.56	-10.94	-0.18	-7.91	-0.82	-4.75
32	-1.06	-6.98	4.91	-13.85	5.96	-10.14	-0.08	-8.30	-1.13	-4.75
33	-0.36	-7.28	6.20	-14.46	6.06	-9.04	-0.08	-8.20	-1.23	-4.55
34	0.84	-7.59	6.50	-15.24	6.16	-7.66	0.52	-7.90	-1.23	-4.85
35	1.64	-8.19	6.80	-15.52	6.16	-7.06	0.52	-7.40	-1.23	-5.15
36	2.04	-8.58	6.90	-15.52	6.46	-6.26	0.71	-6.80	-1.23	-5.45
37	1.54	-8.79	6.90	-15.52	6.56	-5.76	1.51	-6.20	-1.23	-5.85
38	1.14	-9.07	6.89	-15.37	6.76	-5.77	2.11	-5.30	-0.83	-6.25
39	0.94	-9.56	6.54	-15.24	6.77	-7.07	2.21	-4.70	-0.53	-6.25
40	0.64	-7.48	6.20	-15.52	8.16	-7.47	1.51	-3.91	0.07	-6.04
41	0.84	-7.23	6.20	-15.52	8.36	-7.86	0.81	-3.60	0.27	-5.84
42	1.14	-6.99	6.70	-15.50	8.56	-7.36	-0.19	-3.21	-0.03	-5.25
43	2.64	-7.40	7.20	-15.10	8.76	-7.06	-1.69	-2.81	-0.63	-5.05
44	3.64	-9.03	7.51	-14.58	8.95	-6.47	-2.89	-4.41	-1.13	-4.65
45	4.65	-11.86	8.40	-13.52	8.95	-6.47	-3.59	-4.81	-1.23	-3.85
46	6.65	-14.40	8.80	-13.30	8.85	-6.77	-3.79	-4.61	-0.83	-6.25
47	8.24	-14.79	9.38	-12.47	8.64	-7.07	-3.39	-3.91	-0.47	-2.05
48	8.85	-15.11	8.88	-10.92	7.94	-6.86	-3.09	-3.51	0.47	-1.25
49	9.64	-17.57	7.97	-10.53	7.25	-6.27	-2.99	-3.11	2.17	-0.75
50	9.91	-17.29	6.49	-10.51	6.84	-5.76	-2.79	-2.31	3.37	-0.55

RECORDS=361
DATE AND TIME=1968-07-05-21-28
COMPONENT=E-W
SIGNALING INTERVAL= 0.010 (SEC)
CORRECTION=ZERO,ARC
FORMAT NO.=301
STATION=OFUNATO-S
TOTAL NUMBER OF DATA= 6000

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.00	-5.02	1.53	-3.10	1.37	0.23	-2.10	0.97	-7.48	-4.20
2	-0.00	-4.02	1.83	-1.70	1.37	0.13	-2.50	0.17	-8.27	-3.60
3	-0.00	-0.03	2.23	-0.10	1.17	0.13	-3.20	0.17	-8.15	-3.30
4	-0.50	0.06	3.23	0.30	1.47	-0.07	-2.40	0.16	-7.25	-2.20
5	0.40	0.06	3.83	0.10	1.56	0.03	-1.90	0.86	-5.44	-0.50
6	1.30	0.06	3.53	-0.20	1.56	0.83	-0.20	1.06	-0.27	0.80
7	1.30	-0.04	3.33	-1.90	1.26	1.33	-0.20	1.26	-0.27	0.80
8	1.40	-0.04	2.33	-2.40	0.86	1.73	-0.20	3.46	-1.47	0.70
9	1.39	-0.04	2.33	-2.40	0.64	2.93	-0.20	4.16	-1.87	-0.30
10	1.89	1.56	1.93	-2.11	-2.04	3.63	-0.91	4.16	-1.27	-0.31
11	1.89	1.86	1.33	-1.31	-3.54	4.13	-2.91	4.06	-0.27	-0.31
12	1.19	2.16	-0.17	-0.11	-4.04	4.93	-4.01	3.55	1.43	-0.61
13	-0.01	2.16	-2.38	-0.11	-4.04	4.93	-4.01	1.56	1.63	-1.31
14	-0.01	2.16	-3.98	-0.11	-3.14	3.62	-3.41	-0.24	3.33	-1.31
15	-0.01	2.16	-3.98	-0.11	-3.14	2.82	-2.71	-0.24	4.33	-1.31
16	-0.01	2.16	-3.98	-0.81	-1.54	1.72	-2.71	-0.24	5.12	-2.21
17	1.59	1.86	-3.67	-1.21	-0.44	1.72	-3.61	-0.24	5.01	-3.62
18	1.89	1.85	-0.08	-1.71	-0.44	2.02	-3.81	0.16	3.11	-5.62
19	1.89	-0.85	1.12	-2.01	-1.45	3.12	-3.31	-0.04	-1.98	-7.03
20	1.89	-1.95	1.12	-3.11	-2.05	3.12	-1.21	-0.05	-3.58	-8.84
21	1.79	-1.95	1.12	-3.11	-1.95	3.62	-0.21	1.35	-4.28	-10.25
22	0.49	-1.95	0.92	-2.21	-1.15	3.62	1.09	1.95	-4.68	-11.91
23	0.39	-1.65	0.12	-1.21	-1.15	3.62	1.29	2.95	-4.68	-11.86
24	1.08	-1.15	-0.08	-0.12	-0.15	3.62	1.28	1.75	-4.58	-10.03
25	1.58	-0.05	-0.48	-0.12	-0.15	3.62	0.98	-0.05	-4.28	-6.07
26	0.98	0.15	-0.58	-0.12	-0.15	3.32	0.78	-1.95	-4.18	-0.32
27	0.08	0.65	-0.58	-0.12	-0.25	2.61	0.18	-4.16	-2.08	1.88
28	0.18	0.65	-0.78	-0.62	-2.45	1.61	-0.22	-6.56	-0.28	3.58
29	1.58	-0.05	-1.99	-1.72	-4.05	-0.89	-0.22	-7.55	0.72	3.58
30	2.08	-0.75	-3.49	-2.02	-4.05	-2.19	-0.22	-7.65	1.11	3.58
31	3.28	-3.15	-3.99	-1.12	-3.55	-2.19	-0.22	-7.24	2.32	1.58
32	3.48	-3.95	-3.88	-0.12	-3.25	-2.19	0.18	-6.16	4.93	-0.32
33	3.28	-3.65	-3.19	-0.12	-2.65	-1.59	0.18	-6.36	7.41	-0.32
34	2.88	-1.95	-2.09	1.18	-2.46	-0.49	1.68	-7.56	7.61	-3.43
35	1.98	-0.06	-1.19	2.18	-2.46	-0.49	2.28	-7.75	7.60	-6.25
36	-0.52	1.44	-0.49	2.18	-2.46	-0.29	2.98	-7.65	6.70	-9.08
37	-1.32	1.74	-0.59	2.18	-2.46	-0.19	2.78	-7.36	5.61	-12.09
38	-1.72	1.74	-0.49	2.18	-2.46	-0.19	2.78	-7.36	5.61	-12.09
39	-1.93	1.74	-0.49	2.27	-2.36	-0.19	1.98	-7.96	4.90	-14.03
40	-1.93	1.74	-0.69	2.27	-2.16	-0.29	1.67	-8.16	3.11	-14.16
41	-1.83	1.74	-0.59	2.17	-1.36	-1.89	0.97	-8.15	2.91	-12.69
42	-1.13	1.54	-1.19	1.67	-0.16	-2.29	0.17	-7.25	2.91	-11.69
43	-0.03	1.54	-1.49	1.67	-0.16	-2.29	0.87	-6.33	3.62	-10.32
44	1.77	1.54	-1.50	-0.13	-0.16	-2.29	1.67	-2.66	6.80	-10.22
45	1.77	1.44	-1.60	-0.43	-0.46	-2.29	2.97	-0.26	5.79	-9.70
46	1.17	1.44	-1.90	-0.63	-0.66	-2.10	2.97	0.84	3.59	-8.43
47	-0.03	-0.06	-2.00	-0.63	-0.66	-2.10	2.17	0.84	0.00	-8.32
48	-3.74	-0.06	-2.30	-0.13	-0.16	-2.10	1.77	-0.06	-0.40	-7.80
49	-5.53	-0.07	-3.10	-0.13	-0.33	-2.10	1.67	-2.17	-3.90	-5.30
50	-5.93	-0.07	-3.10	1.17	0.83	-2.10	1.67	-4.18	-4.20	-1.57

RECORD=S-361
 DATE AND TIME=1968-07-05-20-28
 COMPONENT=E-N
 SIGNAL=GR.ACC.
 SAMPLING INTERVAL= 0.0401(SEC)
 CORRECTION=ZERO ARC
 FORMAT NO.=301
 STATION=OFUNATO-S
 TOTAL NUMBER OF DATA= 6000

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	3.07	3.62	-1.70	-12.24	-32.17	9.02	-8.60	27.42	-34.70	1.67
2	4.18	-0.37	-4.01	-12.22	-30.66	22.41	-6.52	29.24	-34.42	5.20
3	7.08	-4.28	-6.13	-8.54	-26.78	33.96	-5.04	30.63	-32.01	11.32
4	7.97	-8.10	-9.90	-2.43	-22.67	40.72	-6.47	30.02	-26.12	13.27
5	7.96	-10.37	-14.39	1.76	-20.22	43.34	-10.33	26.38	-24.39	13.28
6	7.88	-10.39	-16.30	1.76	-19.78	43.64	-14.54	19.97	-23.30	13.58
7	8.77	-11.15	-16.19	0.76	-21.10	44.77	-16.77	14.95	-20.75	14.11
8	9.26	-14.07	-14.04	-1.94	-22.95	46.63	-18.98	13.24	-18.16	15.35
9	9.36	-16.39	-10.26	-1.64	-28.69	48.50	-20.80	8.35	-16.17	17.15
10	9.36	-18.39	-8.36	0.86	-35.98	50.15	-22.89	3.32	-15.56	18.67
11	9.36	-19.87	-5.79	4.29	-42.50	50.79	-27.41	1.23	-14.70	21.26
12	9.25	-19.87	-3.71	11.63	-48.16	49.09	-32.44	-1.77	-14.51	20.70
13	8.84	-19.74	-4.32	17.59	-50.28	45.71	-32.44	-1.67	-14.60	15.02
14	7.83	-18.13	-8.21	19.97	-48.94	35.57	-32.09	-0.57	-15.54	12.18
15	5.65	-16.19	-8.18	25.44	-41.65	17.10	-30.60	-0.57	-17.07	6.72
16	4.64	-14.66	-6.29	25.10	-29.72	15.59	-29.26	1.53	-16.38	2.36
17	1.46	-12.15	-4.29	23.24	-19.27	13.68	-27.06	4.73	-14.05	0.46
18	-0.34	-11.34	1.49	21.48	-12.15	13.41	-24.19	6.03	-10.27	-0.64
19	-0.84	-9.94	3.49	20.64	-8.12	13.95	-22.23	7.02	-8.23	-0.64
20	-0.85	-8.34	3.69	19.43	-3.88	15.45	-19.86	7.02	-6.61	-0.34
21	-0.35	-5.56	3.59	18.95	-3.58	16.58	-13.35	7.02	-0.61	0.65
22	-0.35	-2.48	3.29	16.26	-3.58	16.28	-8.41	7.32	0.89	1.05
23	-0.35	-0.38	2.59	14.20	-4.79	12.76	-5.81	7.32	1.09	1.15
24	-0.65	1.52	3.09	9.55	-7.72	9.15	-0.55	7.31	1.19	1.25
25	-2.25	3.52	5.09	1.95	-10.52	6.37	1.35	6.37	1.29	1.75
26	-4.26	3.52	6.75	1.45	-16.46	6.87	1.15	6.62	1.28	3.66
27	-6.06	2.71	3.37	1.45	-17.79	5.38	-2.66	0.62	-0.22	6.46
28	-6.96	1.52	-0.52	3.45	-17.95	4.46	-8.19	-8.90	-5.03	7.24
29	-8.23	-0.18	-6.37	5.36	-18.86	0.52	-11.31	-9.92	-6.98	6.52
30	-8.22	-1.49	-12.25	7.47	-19.83	-8.28	-16.96	-11.63	-7.80	3.24
31	-6.23	-1.49	-16.24	9.32	-20.40	-12.50	-17.11	-12.94	-6.47	-0.65
32	-5.43	-0.39	-18.47	13.18	-21.78	-20.54	-16.23	-11.56	-1.12	-4.06
33	-2.15	1.51	-20.50	14.06	-23.94	-21.70	-12.48	-10.44	-0.62	-7.37
34	-1.36	3.52	-22.54	16.82	-27.71	-20.85	-10.37	-8.24	-0.62	-8.57
35	-1.36	7.33	-24.48	18.34	-30.39	-14.13	-6.80	1.31	-0.62	-9.65
36	-1.36	9.34	-25.36	22.50	-39.27	-9.87	-1.55	3.72	-0.62	-9.60
37	-1.56	10.97	-24.11	25.73	-23.50	-7.60	2.95	6.88	-0.62	-6.95
38	-1.76	13.15	-22.39	27.82	-8.42	-5.72	5.39	13.31	-0.62	-6.56
39	-2.16	14.11	-20.16	29.72	-3.98	-5.75	13.22	13.41	1.28	-6.57
40	-2.26	14.23	-17.32	28.93	-0.29	-10.17	16.94	13.35	2.68	-8.06
41	-2.26	14.61	-15.84	22.48	-0.29	-16.79	16.88	11.56	5.09	-8.36
42	-0.36	14.56	-0.06	-0.06	-0.29	-22.55	15.90	3.40	7.08	-8.56
43	1.54	13.36	-17.41	-4.39	-0.59	-23.53	15.22	0.41	7.27	-8.64
44	3.34	9.55	-14.20	-10.46	-6.43	-23.21	14.94	0.41	6.54	-7.15
45	5.55	6.97	-11.30	-15.00	-10.09	-20.63	15.04	-12.77	2.87	-5.74
46	6.94	3.80	-6.68	-20.08	-14.49	-19.37	15.17	-20.68	-0.73	-3.07
47	6.93	3.39	-1.73	-23.92	-16.28	-16.29	15.82	-25.15	-2.63	-6.18
48	6.23	0.00	-2.33	-27.69	-14.06	-13.87	17.47	-29.91	-2.63	-8.19
49	5.83	-0.40	-5.15	-30.77	-6.85	-12.37	19.74	-32.66	-0.63	-16.67
50	5.72	-0.40	-8.39	-32.37	-0.50	-10.49	24.52	-33.56	1.07	-18.39

RECORD=	COMPONENT=E-H	SIGNAL=GR.ACC.	CORRECTION=ZERO.ARC	STATION=OFUNATO+S						
DATE AND TIME=1968-07-05-20-28	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=361	TOTAL NUMBER OF DATA= 6000							
NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-20.02	13.20	-3.44	3.14	-18.95	18.82	-8.64	5.09	-4.63	0.93
2	-20.32	13.20	-6.65	6.24	-18.41	18.06	-6.84	3.09	-4.73	0.93
3	-17.18	13.22	-8.69	6.61	-18.61	16.37	-3.86	0.10	-4.84	0.43
4	-8.65	13.85	-12.51	4.62	-18.85	12.93	-0.87	-2.80	-6.14	0.93
5	-7.65	15.01	-14.63	1.23	-20.93	6.44	-0.87	-0.90	-6.85	-0.67
6	-4.58	15.26	-14.64	-0.77	-23.29	3.56	-0.47	-0.90	-8.86	-2.57
7	-6.20	16.51	-14.64	-0.77	-24.70	3.26	-0.87	-1.20	-10.04	-2.87
8	-10.44	18.46	-14.64	1.13	-24.59	3.47	-1.27	-2.81	-10.25	-4.88
9	-13.48	20.64	-14.72	3.24	-23.64	5.07	-2.57	-4.81	-10.54	-4.88
10	-15.94	20.94	-16.54	7.20	-22.17	6.57	-1.87	-6.82	-10.54	-6.10
11	-13.61	19.09	-18.27	13.17	-19.69	7.06	-0.87	-8.84	-4.53	-8.10
12	-11.93	15.36	-18.78	14.35	-13.92	7.16	0.63	-10.72	-2.84	-8.85
13	-10.65	12.85	-20.55	14.93	-11.97	6.74	1.08	-11.13	-2.54	-7.47
14	-9.69	8.53	-20.78	17.03	-10.70	4.35	2.83	-11.97	-2.34	-6.87
15	-10.58	4.68	-22.04	17.13	-10.21	2.35	4.13	-10.79	-1.04	-6.89
16	-10.88	2.29	-21.09	17.13	-10.22	-3.85	4.83	-10.19	-0.94	-8.27
17	-11.19	0.79	-20.30	17.22	-10.55	-6.76	5.23	-9.20	2.96	-8.18
18	-11.65	0.99	-17.51	17.01	-12.21	-8.55	6.43	-8.81	4.16	-8.38
19	-10.65	1.39	-14.14	15.12	-15.36	-8.85	7.04	-8.60	4.76	-8.68
20	-9.65	1.79	-11.70	12.98	-15.10	-9.34	9.03	-8.02	6.36	-9.00
21	-8.45	1.69	-10.21	9.28	-14.07	-9.25	9.35	-8.85	6.66	-10.19
22	-6.88	1.29	-8.62	7.32	-10.79	-9.35	10.82	-10.80	6.95	-10.90
23	-6.48	-0.71	-7.04	7.12	-9.78	-9.35	10.72	-14.33	6.96	-11.61
24	-6.28	-1.01	-6.65	7.27	-8.21	-9.58	10.49	-14.61	7.17	-12.70
25	-6.47	-1.02	-6.95	7.42	-7.82	-11.19	9.10	-14.51	8.66	-13.34
26	-4.97	-2.42	-6.96	7.12	-7.99	-12.82	8.30	-14.30	8.95	-14.98
27	-3.18	-3.22	-7.75	7.11	0.68	-14.88	6.90	-13.99	8.95	-16.83
28	-1.88	-5.22	-8.15	6.59	1.69	-17.68	5.41	-13.41	8.95	-15.92
29	-1.88	-6.63	-8.43	3.31	4.69	-18.80	5.02	-13.11	8.94	-14.86
30	-2.19	-7.83	-6.73	1.11	6.70	-19.44	5.02	-10.22	8.25	-14.22
31	-4.60	-8.62	-4.62	-4.49	8.69	-20.48	5.01	-10.21	8.22	-12.72
32	-8.29	-8.62	3.16	-4.69	9.09	-20.57	4.91	-9.90	6.45	-10.97
33	-8.61	-8.51	8.63	-5.08	9.75	-18.74	4.91	-9.12	6.86	-10.27
34	-9.99	-7.70	13.55	-3.89	13.12	-18.67	4.31	-8.92	8.45	-9.37
35	-9.92	-5.90	13.53	-4.09	14.40	-20.21	3.11	-9.02	8.95	-8.59
36	-6.55	-2.62	13.14	-4.69	17.20	-20.92	2.91	-7.42	9.44	-8.28
37	-2.59	-2.02	10.37	-5.11	19.54	-22.80	2.61	-7.42	8.94	-7.38
38	-2.59	-3.43	7.11	-8.76	24.75	-24.82	3.01	-6.32	8.82	-6.89
39	-4.09	-4.32	4.24	-12.91	24.39	-25.19	2.71	-5.02	7.44	-6.96
40	-5.20	-3.82	2.84	-18.98	22.69	-24.67	2.71	-5.02	7.26	-4.29
41	-5.97	-2.62	1.74	-22.71	19.40	-23.91	3.01	-4.42	0.54	-4.49
42	-2.79	-1.83	2.74	-22.60	17.34	-22.81	3.51	-3.92	0.86	-4.69
43	0.31	-2.63	2.94	-25.21	16.75	-22.50	3.51	-2.93	-0.96	-4.89
44	1.21	-2.63	3.14	-24.58	16.35	-20.86	6.81	-4.83	0.14	-4.89
45	3.51	-3.03	3.14	-23.65	15.55	-19.70	7.10	-5.03	0.94	-4.89
46	6.33	-2.33	3.14	-22.55	15.17	-17.80	6.52	-5.43	1.54	-4.90
47	9.24	-0.73	3.04	-22.15	15.10	-13.81	8.70	-6.23	2.94	-5.10
48	11.26	-0.73	2.74	-21.69	15.75	-12.50	8.29	-6.83	2.94	-5.39
49	13.22	-0.83	2.44	-20.65	16.79	-10.74	7.50	-6.82	2.74	-5.70
50	15.59	-1.43	2.64	-20.09	17.18	-9.84	7.08	-6.22	2.23	-4.79

RECORD=S-361
DATE AND TIME=1968-07-05-20-28
COMPONENT=E-W
SAMPLING INTERVAL= 0.010(SEC)
CORRECTION=ZFR0,ARC
FORMAT NO.=301
STATION=OFUNATO-S
TOTAL NUMBER OF DATA= 6000

NO.	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)
1	-3.99	-6.92	4.64	-2.60	0.67	-3.06	-1.20	-6.22	8.63	-7.19
2	-1.40	-6.22	4.83	-5.00	2.07	-3.07	-1.20	-5.33	8.38	-6.39
3	-0.50	-5.13	4.83	-5.31	2.57	-3.07	-1.20	-5.13	8.12	-5.20
4	1.00	-4.92	4.73	-6.40	2.77	-4.47	-1.20	-5.44	7.03	-4.70
5	1.50	-2.93	4.53	-6.09	2.77	-5.07	-0.20	-6.54	6.63	-5.01
6	2.90	-0.73	4.33	-4.79	2.06	-5.28	-0.10	-7.13	5.92	-6.61
7	3.00	-0.64	3.23	-3.20	1.26	-6.87	-0.00	-7.14	3.93	-7.22
8	2.80	-2.34	3.33	-2.90	-1.14	-6.75	-0.70	-7.13	2.73	-5.39
9	2.60	-4.95	4.03	-3.00	-1.14	-5.15	-0.00	-7.03	3.23	-7.49
10	2.90	-7.56	3.43	-3.61	-2.14	-1.67	0.20	-6.23	4.64	-6.69
11	2.89	-9.56	3.13	-4.81	-1.14	-1.67	0.70	-4.83	6.65	-5.10
12	10.43	-10.43	2.83	-5.01	-0.19	-2.87	0.69	-3.34	8.64	-3.50
13	2.19	-10.12	2.83	-5.61	0.76	-3.07	0.69	-3.14	9.14	-1.51
14	2.70	-9.35	2.83	-6.61	1.06	-3.07	0.69	-3.24	10.00	-0.01
15	4.60	-10.05	2.63	-7.01	2.86	-3.07	0.99	-4.34	8.61	0.59
16	6.74	-10.65	2.83	-7.59	2.76	-2.27	1.29	-5.15	7.71	0.59
17	12.03	-10.95	2.82	-6.10	2.76	-1.38	2.29	-6.55	6.61	1.79
18	13.23	-11.16	2.82	-4.90	3.16	-1.18	2.69	-7.56	4.62	2.49
19	14.21	-11.77	2.62	-3.11	3.06	-1.18	4.79	-9.15	2.62	2.49
20	14.51	-12.75	2.42	-2.31	4.56	-1.78	4.49	-9.57	0.62	2.59
21	12.82	-13.06	2.42	0.79	4.76	-2.88	4.18	-10.64	-1.28	2.59
22	10.89	-13.47	2.62	0.99	4.75	-3.08	2.79	-10.41	-3.18	2.19
23	10.74	-14.15	2.82	0.79	3.95	-3.28	2.09	-8.82	-4.58	1.09
24	8.78	-14.17	2.82	0.69	2.85	-3.58	0.79	-7.22	-5.18	0.59
25	2.29	-14.65	2.82	-0.11	0.85	-4.89	0.19	-5.03	-5.28	-0.11
26	2.19	-14.73	2.42	-1.11	-0.15	-5.89	-1.11	-2.25	-4.77	-0.91
27	2.68	-14.25	2.12	-1.12	-2.85	-7.50	-1.22	-1.25	-3.28	0.08
28	2.88	-11.96	2.02	-1.12	-3.05	-8.59	-1.22	-1.25	-3.28	1.08
29	3.28	-9.04	0.62	-2.32	-5.05	-9.10	0.08	0.15	-3.19	2.59
30	3.29	-8.32	0.82	-1.12	-5.05	-10.27	0.78	-1.25	-4.39	4.59
31	4.88	-6.31	1.12	-1.12	-4.54	-9.66	2.18	-1.25	-5.18	6.60
32	4.78	-4.05	1.11	-1.72	-2.75	-8.46	2.38	-2.75	-4.98	8.58
33	4.33	0.05	2.81	-2.62	-1.15	-6.95	1.98	-2.95	-3.78	8.26
34	4.38	0.45	2.81	-3.02	-1.15	-3.18	0.88	-2.65	-3.19	6.98
35	4.38	0.35	2.61	-4.42	0.75	-1.19	-0.12	-2.55	-2.99	6.57
36	4.88	-0.85	2.31	-5.02	2.75	-1.19	-1.22	-2.96	-3.19	5.97
37	4.88	-1.06	2.11	-4.71	2.84	-1.19	-1.22	-3.36	-4.39	4.58
38	4.38	-2.36	1.11	-3.12	2.74	-1.19	-1.22	-4.35	-4.39	3.97
39	4.17	-2.56	0.81	-1.12	2.24	-1.19	-1.22	-3.55	-5.40	2.67
40	3.37	-2.76	0.01	-1.12	0.84	-1.19	-0.92	-2.66	-6.69	0.68
41	2.57	-2.66	-4.69	-1.12	0.24	-1.19	-1.23	-1.24	-6.88	0.08
42	2.37	-1.06	-4.99	0.37	-1.16	0.01	-3.03	1.04	-5.59	0.57
43	1.37	-1.06	-5.29	0.27	-1.16	0.31	-3.03	2.64	-4.59	1.77
44	-1.53	0.64	-4.58	-0.73	-1.16	0.41	-3.03	3.04	-4.59	1.77
45	-4.93	0.84	-2.09	-1.13	-1.16	0.21	-4.73	5.04	-2.90	2.57
46	-5.13	0.84	-1.10	-1.13	-1.66	0.11	-4.33	6.03	-4.40	2.57
47	-5.43	2.24	-1.10	-1.13	-2.86	-2.50	-4.53	5.34	-5.10	1.67
48	-6.23	2.84	-1.10	-1.13	-3.36	-3.10	-4.93	5.34	-5.60	0.57
49	-6.33	4.04	-1.10	-1.13	-3.06	-3.69	-5.73	6.65	-6.80	-0.03
50	-6.63	4.54	-1.70	-1.27	-3.06	-2.45	-6.23	8.04	-7.39	-0.33

RECORD=S-361 COMPONENT=E-W SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=OFUNATO-S
 DATE AND TIME=1968-07-05-20-28 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 6000

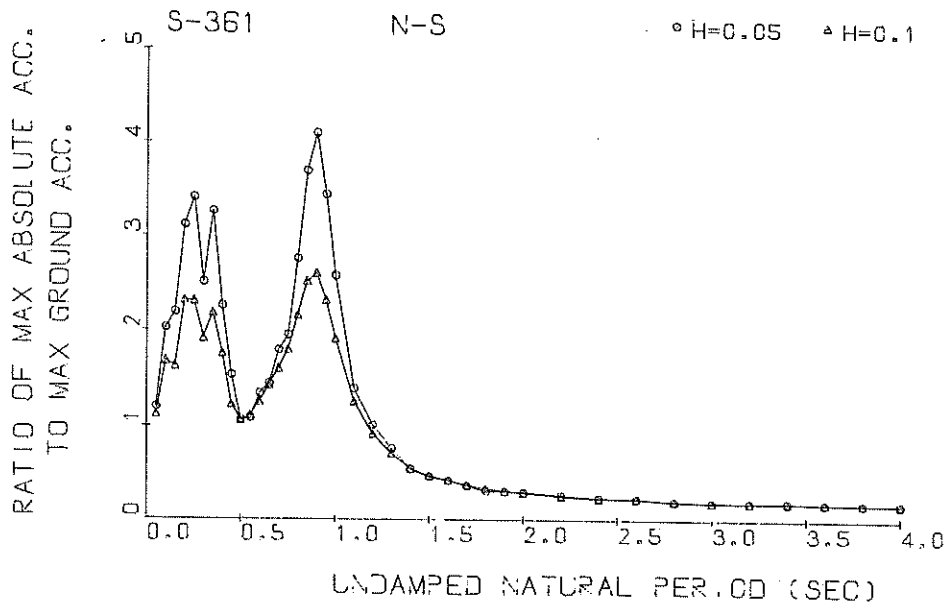
NO.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	-0.23	-5.16	3.60	-5.33	-4.77	4.40	-9.23	0.34	-1.60	-1.23
2	0.07	-4.66	2.40	-6.74	-6.78	4.30	-9.44	0.24	-1.60	-1.23
3	0.37	-3.27	0.70	-6.94	-8.08	3.50	-9.85	-0.17	-1.70	-1.43
4	0.57	-2.47	-0.90	-7.23	-9.88	2.50	-10.64	-1.37	-2.60	-1.63
5	0.87	-2.47	-1.40	-7.02	-9.86	0.00	-10.85	-1.57	-3.50	-1.63
6	2.87	-1.37	-1.40	-5.63	-9.46	-1.40	-11.45	-1.57	-5.21	-1.93
7	4.36	-0.27	-1.40	-4.43	-8.84	-1.10	-11.97	-1.57	-5.21	-2.63
8	3.86	-0.07	-1.40	-2.43	-7.25	-1.10	-13.02	-1.57	-7.51	-2.84
9	3.16	0.33	-1.40	-1.44	-5.46	-1.50	-12.60	-1.57	-8.01	-3.14
10	1.16	0.53	-1.40	0.36	-4.46	-1.50	-11.42	0.13	-8.57	-3.54
11	-1.24	1.63	-1.51	1.66	-1.47	-1.50	-10.71	0.33	-6.59	-3.54
12	-1.84	2.53	-2.91	2.76	-1.47	-1.50	-9.48	0.73	-5.50	-3.54
13	-3.75	2.53	-6.52	4.47	-0.87	-1.51	-6.51	0.33	-4.69	-3.84
14	-5.85	1.93	-7.73	6.46	-1.47	-1.21	-3.53	0.23	-1.71	-4.64
15	-7.24	0.73	-9.74	6.46	-1.47	0.19	-1.54	-0.27	-1.61	-3.94
16	-7.31	0.03	-11.32	6.15	-1.78	0.39	-1.24	-0.37	0.29	-3.54
17	-4.33	-0.28	-11.91	4.76	-3.18	0.69	-0.04	-0.37	0.29	-3.44
18	-2.34	0.62	-11.93	4.56	-3.98	1.49	0.36	-1.68	0.29	-3.54
19	-1.34	2.12	-12.52	4.06	-5.59	0.79	2.36	-1.58	-0.21	-3.54
20	-1.34	2.82	-12.91	4.16	-7.40	0.69	3.65	-1.58	-1.61	-3.54
21	-0.84	3.82	-12.91	4.56	-8.99	0.69	2.45	-5.49	-1.61	-3.64
22	-0.05	4.53	-12.87	5.76	-9.81	0.69	0.75	-7.29	-2.31	-3.65
23	0.35	5.72	-11.69	6.46	-11.38	0.49	-1.55	-6.59	-5.51	-3.84
24	-0.15	5.61	-11.10	6.97	-11.57	0.39	-4.25	-9.28	-3.75	-3.75
25	-1.35	4.02	-10.58	8.26	-10.97	0.39	-5.45	-9.34	-3.51	-3.55
26	-1.35	4.52	-9.40	8.45	-10.56	0.39	-5.85	-7.35	-3.91	-3.55
27	-3.86	3.92	-8.80	8.55	-9.77	0.39	-6.05	-4.67	-3.81	-3.55
28	-6.45	2.91	-7.71	8.33	-8.95	0.38	-6.54	-1.58	-3.11	-3.55
29	-6.54	0.92	-7.51	6.94	-7.56	0.28	-5.04	-1.58	-1.62	-4.15
30	-5.24	0.52	-7.32	5.83	-5.28	0.08	-3.54	-1.58	-1.62	-4.65
31	-3.35	0.52	-7.32	2.45	-4.69	0.18	-1.55	-1.48	-1.62	-5.55
32	-2.65	0.01	-7.11	1.95	-5.39	0.38	-0.25	-1.58	-1.62	-5.45
33	-2.65	-0.39	-6.41	0.75	-6.19	0.78	0.15	-1.49	-0.02	-4.74
34	-2.65	0.11	-5.72	0.65	-6.74	0.98	0.35	-1.59	0.08	-1.45
35	-2.65	0.61	-5.41	0.55	-7.17	1.68	0.35	-1.59	0.08	-0.95
36	-2.35	2.11	-4.52	0.45	-5.47	1.98	-1.45	-1.59	-1.62	0.05
37	-1.36	2.92	-3.32	-0.45	-3.28	1.48	-2.96	-2.59	-1.92	0.25
38	-1.66	4.91	-1.62	-1.46	-1.49	0.18	-3.46	-3.49	-3.32	1.44
39	-2.46	5.60	-1.42	-1.56	-0.19	-1.52	-5.16	-4.89	-3.52	1.44
40	-2.66	4.51	-0.32	-1.96	-0.19	-3.23	-5.35	-4.89	-3.62	1.44
41	-2.36	3.71	-0.22	-2.76	-0.89	-4.93	-4.75	-5.70	-4.13	1.44
42	-1.76	2.81	-0.22	-3.06	-0.19	-5.22	-3.46	-6.98	-5.01	0.44
43	-2.66	2.51	-0.43	-3.36	-0.09	-4.62	-2.96	-5.89	-3.32	-1.66
44	-3.70	0.51	-1.13	-3.96	0.01	-3.93	-1.56	-5.59	-1.63	-1.66
45	-5.07	2.21	-1.35	-5.36	0.41	-5.03	-1.56	-5.48	-1.63	-1.46
46	-6.87	1.01	-1.43	-5.56	0.81	-5.23	-1.56	-3.49	-1.63	-1.36
47	-7.38	0.60	-1.43	-4.85	1.51	-5.23	-1.56	-2.69	-1.63	-0.56
48	-8.86	0.60	-2.73	-3.46	2.40	-5.43	-1.06	-1.60	-1.63	0.04
49	-8.44	2.51	-3.35	-2.56	2.81	-5.84	-0.26	-1.60	-1.63	0.24
50	-6.95	4.00	-4.13	-3.17	4.00	-7.45	0.14	-1.60	-1.63	0.74

NO.	STATION=OFUNATO-S TOTAL NUMBER OF DATA= 6000									
	(2500)	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)
1	0.84	-1.70	-2.83	0.14	-7.70	-6.14	-5.77	-0.10	1.07	-5.46
2	0.54	-1.70	-3.64	-1.66	-7.70	-7.43	-7.06	-0.10	-0.43	-5.36
3	0.23	-2.90	-5.65	-1.87	-7.70	-7.73	-7.06	-0.10	-1.93	-5.36
4	-0.37	-3.40	-7.63	-3.47	-7.70	-7.63	-6.26	-0.70	-3.43	-5.96
5	-1.67	-4.10	-7.73	-4.87	-7.70	-7.62	-5.86	-1.90	-3.63	-4.36
6	-1.67	-5.20	-7.83	-5.17	-7.70	-6.81	-5.56	-1.90	-3.33	-3.27
7	-1.67	-5.50	-7.43	-5.27	-7.37	-6.82	-3.87	-1.90	-2.43	-2.57
8	-1.67	-5.10	-7.12	-5.26	-4.79	-2.83	-3.56	-1.90	-1.93	-2.17
9	-1.67	-3.90	-5.52	-3.97	-3.00	-1.84	-1.87	-1.90	-0.74	-1.97
10	-1.67	-1.70	-2.73	-3.17	-2.00	-1.84	-1.87	-1.90	-0.04	-1.57
11	-1.67	-1.70	-1.74	-1.77	-1.70	-1.84	-1.87	-1.90	1.56	-1.47
12	-1.47	-0.10	-1.44	-1.77	-1.70	-1.84	-1.87	-1.90	1.76	-1.47
13	-0.47	-0.11	-1.44	-1.77	-1.61	-1.84	-1.87	-1.90	1.66	-1.47
14	-0.27	-1.41	-1.74	-1.97	-1.71	-1.84	-1.87	-1.90	1.26	-1.47
15	-0.17	-1.71	-1.74	-1.97	-1.71	-1.84	-1.87	-2.01	0.16	-1.77
16	0.23	-2.81	-2.34	-1.97	-1.81	-3.24	-1.87	-2.21	-0.54	-1.87
17	0.63	-3.61	-3.64	-1.97	-1.81	-4.25	-1.87	-3.01	-0.94	-1.87
18	1.42	-4.21	-3.64	-1.88	-1.81	-5.76	-1.37	-3.61	-1.94	-0.97
19	1.82	-5.11	-3.34	-2.98	-1.81	-7.77	-0.18	-4.31	-2.04	-0.28
20	2.12	-5.11	-1.74	-3.48	-1.91	-9.77	-0.08	-5.41	-2.04	-0.08
21	2.22	-5.00	-1.74	-3.88	-1.91	-11.16	0.02	-5.51	-1.94	0.02
22	2.82	-3.81	-1.74	-5.08	-1.91	-11.74	0.02	-5.51	-1.04	0.12
23	4.42	-3.91	-1.75	-5.68	-1.81	-11.74	-0.18	-5.51	-0.04	0.02
24	4.32	-3.61	-1.75	-5.67	-1.81	-11.40	-0.08	-5.01	-0.04	0.02
25	3.32	-2.71	-1.75	-4.77	-1.81	-9.73	0.02	-4.31	0.75	-0.08
26	2.32	-1.71	-1.75	-3.68	-1.81	-8.83	0.42	-4.51	0.75	-0.38
27	1.52	-1.01	-1.75	-2.78	-1.81	-7.72	1.82	-4.51	0.75	-0.38
28	0.22	0.18	-1.75	-1.78	-1.31	-5.84	2.02	-4.51	0.75	-0.08
29	-0.68	0.28	-1.65	-1.78	-0.62	-4.84	2.02	-4.52	0.25	-0.72
30	-1.68	0.18	-0.45	-1.78	-0.82	-3.85	1.92	-4.52	-1.55	1.52
31	-1.68	0.08	0.15	-2.08	-1.82	-3.45	1.12	-4.62	-1.95	1.92
32	-2.79	-0.32	0.05	-3.09	-1.82	-1.95	0.02	-4.92	-1.95	1.92
33	-3.59	-0.22	-1.55	-3.69	-1.82	-1.85	0.02	-4.91	-1.65	1.92
34	-4.19	-0.42	-1.75	-3.69	-1.82	-1.85	-1.89	-3.91	-1.45	1.71
35	-5.89	0.18	-1.75	-3.69	-1.82	-1.45	-3.79	-2.12	-1.25	1.01
36	-5.79	0.08	-2.35	-3.69	-1.82	0.05	-4.99	-1.92	-1.25	-0.19
37	-6.69	-1.72	-3.35	-3.69	-1.82	-0.05	-5.80	-0.62	-1.25	-0.69
38	-6.68	-1.72	-3.56	-3.19	-1.82	0.05	-7.31	-0.12	-1.96	-0.79
39	-6.19	-2.82	-3.56	-2.99	-1.82	0.05	-9.50	0.38	-2.56	-0.69
40	-6.09	-3.32	-3.55	-2.79	-1.82	-1.86	-9.79	1.48	-4.06	-0.09
41	-5.50	-3.12	-2.95	-1.89	-1.82	-1.96	-9.97	3.18	-5.26	0.51
42	-4.79	-1.72	-1.76	-1.79	-1.82	-3.56	-8.98	4.38	-5.35	0.51
43	-4.09	-1.72	-1.66	-1.79	-1.82	-3.96	-8.19	5.98	-4.95	0.51
44	-3.49	-0.23	-0.66	-1.79	-1.82	-3.86	-7.37	7.17	-3.96	0.31
45	-2.69	0.17	0.04	-1.79	-2.03	-3.96	-6.28	7.17	-3.76	0.31
46	-1.69	0.17	2.14	-1.94	-2.13	-3.96	-4.59	7.17	-3.86	0.31
47	-1.69	1.57	2.14	-2.30	-1.13	-3.96	-3.29	7.17	-4.26	0.01
48	-1.70	1.47	2.24	-3.71	-2.23	-3.96	-1.89	7.15	-4.46	-0.09
49	-1.70	0.37	2.14	-7.50	-3.08	-4.97	-1.00	5.46	-0.10	-0.20
50	-1.70	-0.43	1.64	-7.70	-4.34	-5.56	-0.40	3.46	-5.26	-0.20

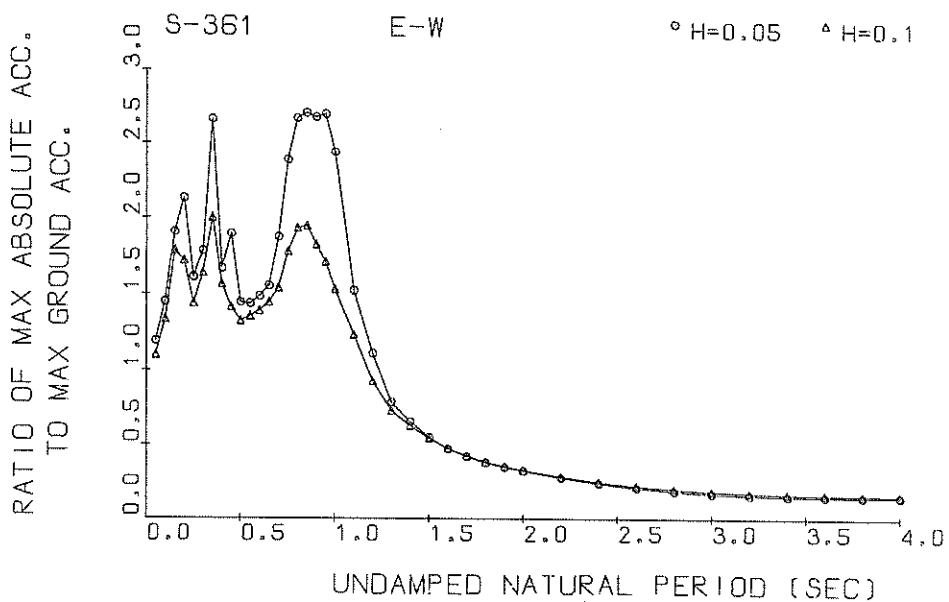
RECORD=S-361
DATE AND TIME=1968-07-05-20-28

COMPONENT=E-W
SAMPLING INTERVAL= 0.010(SEC)

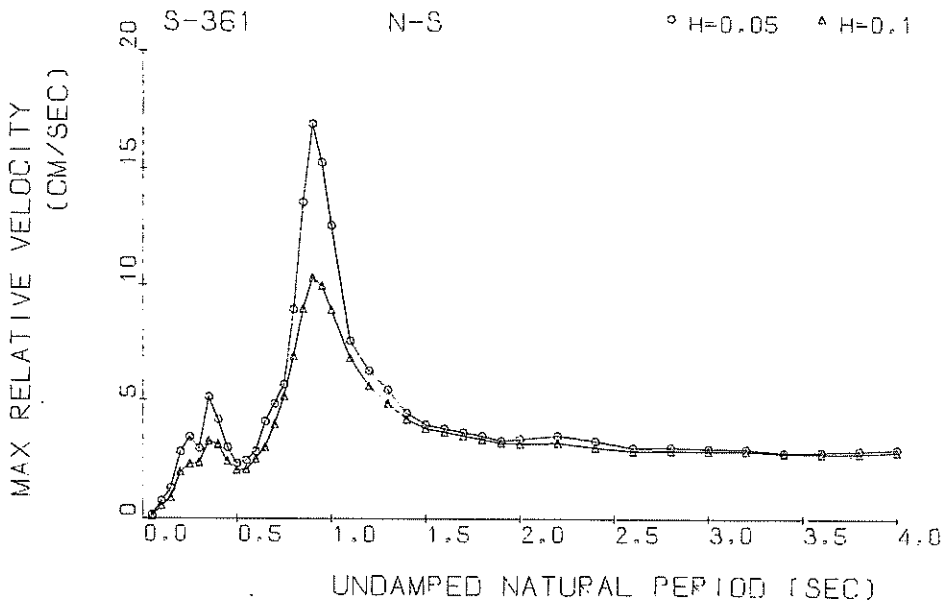
SIGNAL=GR.ACC.
CORRECTION=ZFR0.ARC
FORMAT NO.=301



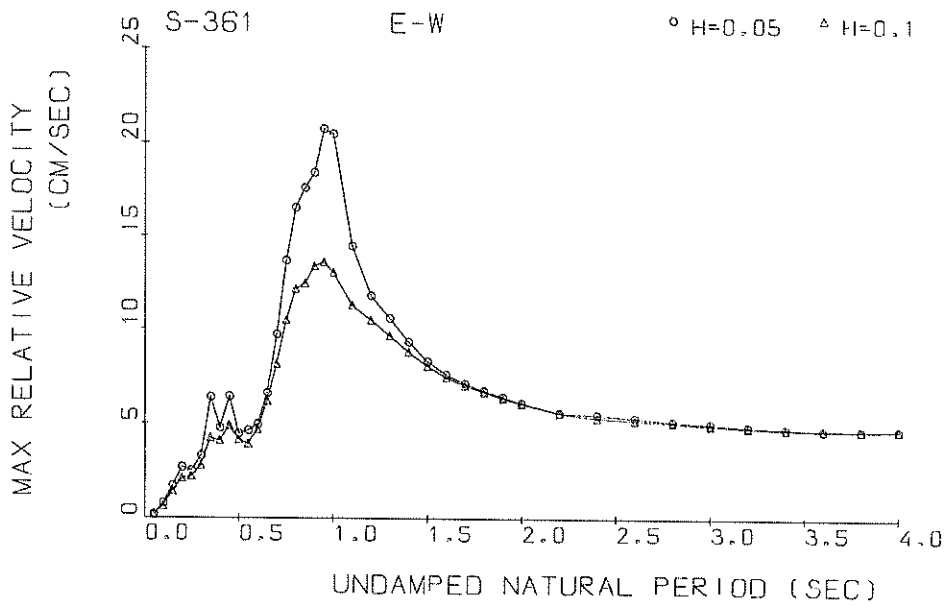
Response Spectra



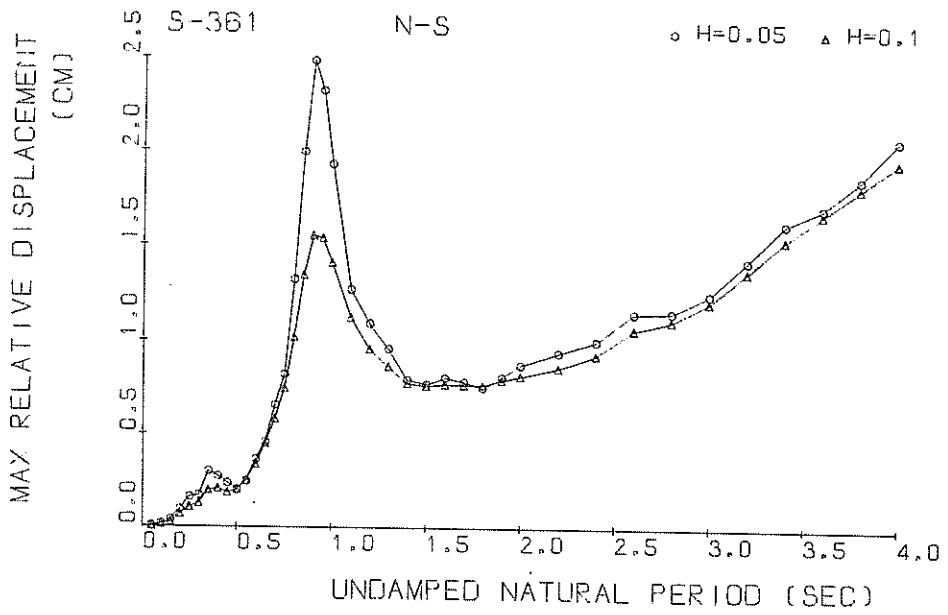
Response Spectra



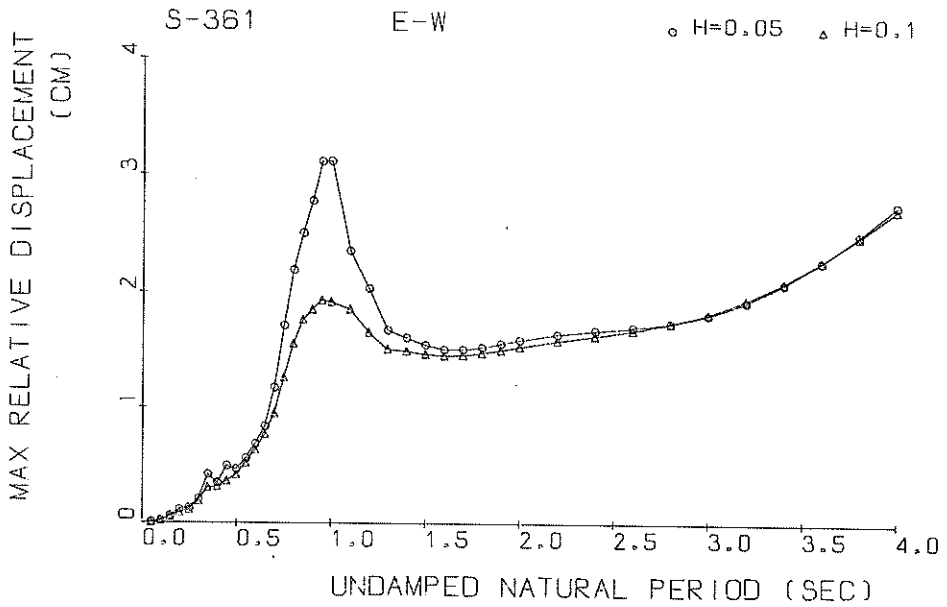
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-361 N-S 1968-07-05-20-28 MIYAZAKIKEN OKI
 STATION = OFUNATO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 25.000(SEC) SKIPPED LENGTH = 4.000(SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 29.70(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.199	35.61	13.59	0.130	0.0025
0.100	2.020	60.00	44.40	0.765	0.0151
0.150	2.190	65.05	45.52	1.284	0.0372
0.200	3.110	92.38	89.63	2.829	0.0933
0.250	3.401	101.01	89.18	3.441	0.1590
0.300	2.504	74.35	73.58	2.968	0.1682
0.350	3.256	96.69	96.22	5.112	0.2978
0.400	2.252	66.89	73.47	4.187	0.2696
0.450	1.536	45.63	51.83	3.005	0.2328
0.500	1.065	31.63	48.99	2.329	0.1999
0.550	1.087	32.27	41.94	2.458	0.2467
0.600	1.348	40.02	39.93	2.845	0.3640
0.650	1.450	43.05	42.57	4.110	0.4594
0.700	1.792	53.23	48.43	4.840	0.6583
0.750	1.954	58.04	44.18	5.668	0.8242
0.800	2.758	81.90	69.43	8.957	1.3227
0.850	3.693	109.68	102.61	13.577	1.9976
0.900	4.099	121.75	119.36	16.888	2.4867
0.950	3.443	102.24	113.49	15.259	2.3251
1.000	2.577	76.55	90.96	12.566	1.9298
1.100	1.405	41.73	55.53	7.556	1.2714
1.200	1.018	30.24	46.44	6.257	1.0953
1.300	0.765	22.72	38.52	5.426	0.9647
1.400	0.546	16.22	34.98	4.449	0.7994
1.500	0.464	13.77	32.31	3.971	0.7767
1.600	0.426	12.66	30.37	3.801	0.8124
1.700	0.367	10.89	29.59	3.637	0.7890
1.800	0.314	9.33	29.89	3.501	0.7589
1.900	0.305	9.05	29.97	3.289	0.8174
2.000	0.297	8.82	29.82	3.376	0.8829
2.200	0.265	7.87	29.15	3.517	0.9504
2.400	0.236	7.02	28.69	3.289	1.0099
2.600	0.231	6.85	28.76	3.004	1.1560
2.800	0.200	5.94	28.69	3.019	1.1611
3.000	0.189	5.61	28.53	2.972	1.2563
3.200	0.188	5.57	28.35	2.955	1.4331
3.400	0.189	5.62	28.17	2.812	1.6302
3.600	0.178	5.28	28.02	2.843	1.7165
3.800	0.174	5.17	27.89	2.892	1.8716
4.000	0.175	5.20	27.79	2.961	2.0836

RESPONSE SPECTRUM

RECORD = S-361 N-S 1968-07-05-20-28 MIYAZAKIKEN OKI
 STATION = OFUNATO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 25.000(SEC) SKIPPED LENGTH = 4.000(SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 29.70(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.120	33.25	9.59	0.094	0.0021
0.100	1.077	49.80	33.42	0.540	0.0125
0.150	1.026	48.28	30.69	0.889	0.0270
0.200	2.308	68.54	65.79	1.969	0.0688
0.250	2.298	68.26	69.00	2.315	0.1066
0.300	1.910	56.74	55.97	2.674	0.1268
0.350	2.179	64.70	59.82	3.282	0.1974
0.400	1.749	51.94	56.19	3.154	0.2062
0.450	1.222	36.30	49.82	2.438	0.1829
0.500	1.057	31.40	44.82	2.058	0.1971
0.550	1.104	32.79	39.93	2.085	0.2490
0.600	1.252	37.19	35.13	2.520	0.3356
0.650	1.428	42.40	33.92	3.048	0.4484
0.700	1.502	47.57	39.77	3.994	0.5828
0.750	1.794	53.28	41.08	5.166	0.7482
0.800	2.152	63.91	54.20	6.912	1.0197
0.850	2.511	74.58	65.70	8.993	1.3435
0.900	2.594	77.03	73.48	10.324	1.5501
0.950	2.510	68.60	70.91	9.972	1.5370
1.000	1.911	56.74	65.77	8.921	1.4075
1.100	1.260	37.41	52.30	6.816	1.1242
1.200	0.911	27.05	43.07	5.609	0.9627
1.300	0.706	20.96	35.74	4.871	0.8702
1.400	0.547	16.26	32.23	4.195	0.7794
1.500	0.470	13.95	30.41	3.824	0.7661
1.600	0.419	12.44	29.58	3.667	0.7752
1.700	0.370	11.00	29.57	3.505	0.7706
1.800	0.331	9.82	29.63	3.364	0.7695
1.900	0.308	9.14	29.61	3.218	0.7967
2.000	0.286	8.51	29.49	3.189	0.8194
2.200	0.249	7.39	28.99	3.215	0.8618
2.400	0.227	6.73	28.41	3.015	0.9326
2.600	0.222	6.58	28.40	2.865	1.0658
2.800	0.201	5.96	28.44	2.802	1.1132
3.000	0.189	5.61	28.34	2.656	1.2104
3.200	0.184	5.45	28.22	2.847	1.3708
3.400	0.183	5.44	28.09	2.761	1.5409
3.600	0.178	5.29	27.97	2.735	1.6775
3.800	0.173	5.15	27.87	2.742	1.8192
4.000	0.169	5.01	27.80	2.826	1.9582

RESPONSE SPECTRUM

RECORD = S-361 E-W 968-07-05-20-28M IYAZAKIKEN OKI
 STATION = OFUNATO-S 1 INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 20.000(SEC) SKIPPED LENGTH = 4.000(SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 50.79(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.190	60.42	19.06	0.175	0.0038
0.100	1.449	73.58	42.95	0.771	0.0187
0.150	1.903	96.67	68.69	1.697	0.0550
0.200	2.128	108.08	92.34	2.681	0.1099
0.250	1.604	81.49	58.99	2.486	0.1284
0.300	1.777	90.24	68.72	3.251	0.2057
0.350	2.660	135.09	121.41	6.338	0.4160
0.400	1.661	84.39	79.25	4.736	0.3407
0.450	1.689	95.97	84.67	6.382	0.4898
0.500	1.443	73.29	66.59	4.452	0.4621
0.550	1.435	72.87	68.43	4.615	0.5557
0.600	1.482	75.27	71.44	4.960	0.6832
0.650	1.548	78.65	75.07	6.573	0.8377
0.700	1.670	94.98	89.20	9.673	1.1740
0.750	2.084	121.08	102.30	13.653	1.7182
0.800	2.066	135.42	132.29	16.488	2.1874
0.850	2.701	137.21	138.32	17.552	2.5002
0.900	2.674	135.81	136.10	18.369	2.7737
0.950	2.693	136.79	140.50	20.718	3.1107
1.000	2.434	123.65	137.22	20.454	3.1152
1.100	1.518	77.12	103.77	14.410	2.3524
1.200	1.106	56.17	88.97	11.747	2.0338
1.300	0.783	39.76	86.17	10.548	1.6846
1.400	0.650	33.03	81.26	9.276	1.6205
1.500	0.544	27.03	76.62	8.265	1.5541
1.600	0.468	23.75	73.21	7.571	1.5174
1.700	0.414	21.02	70.75	7.095	1.5148
1.800	0.374	19.01	68.94	6.726	1.5343
1.900	0.343	17.42	67.50	6.399	1.5641
2.000	0.316	16.07	66.27	6.088	1.5970
2.200	0.271	13.75	64.12	5.566	1.6487
2.400	0.233	11.81	62.28	5.460	1.6807
2.600	0.202	10.25	60.76	5.307	1.7067
2.800	0.179	9.08	59.60	5.132	1.7470
3.000	0.162	8.25	58.77	4.996	1.8181
3.200	0.152	7.71	58.21	4.864	1.9289
3.400	0.145	7.37	57.87	4.757	2.0815
3.600	0.141	7.19	57.68	4.688	2.2731
3.800	0.140	7.09	57.59	4.663	2.4983
4.000	0.139	7.05	57.55	4.682	2.7504

RESPONSE SPECTRUM

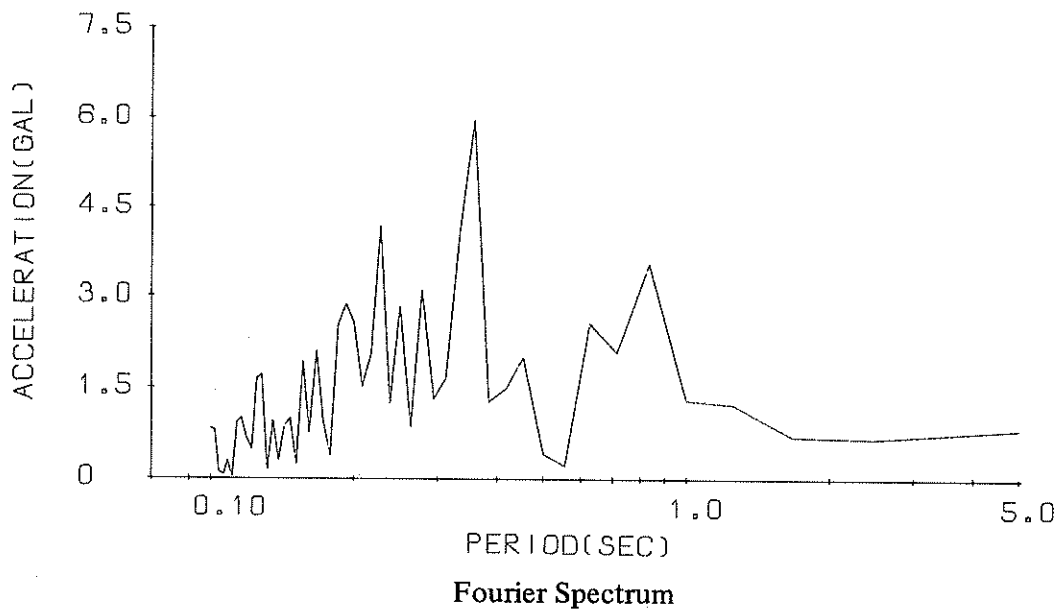
RECORD = S-361 E-W 1968-07-05-20-28 MIYAZAKIKEN OKI
 STATION = OFUNATO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 20.000(SEC) SKIPPED LENGTH = 4.000(SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 50.79(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.089	55.33	14.01	0.157	0.0035
0.100	1.325	67.32	32.79	0.620	0.0169
0.150	1.776	90.21	54.19	1.398	0.0512
0.200	1.707	86.73	64.92	2.075	0.0873
0.250	1.432	72.74	52.95	2.181	0.1139
0.300	1.631	82.82	61.39	2.762	0.1870
0.350	1.992	101.20	86.40	4.205	0.3085
0.400	1.556	79.02	65.61	4.055	0.3146
0.450	1.407	71.47	57.07	4.862	0.3609
0.500	1.316	66.83	58.79	4.152	0.4161
0.550	1.349	68.52	63.41	3.906	0.3162
0.600	1.384	70.31	66.38	4.664	0.6296
0.650	1.442	73.23	69.65	6.146	0.7691
0.700	1.533	77.87	74.21	8.090	0.9502
0.750	1.771	89.96	81.38	10.426	1.2604
0.800	1.926	97.85	103.40	12.090	1.5626
0.850	1.942	98.64	110.59	12.377	1.7713
0.900	1.817	92.28	105.85	13.318	1.8575
0.950	1.702	86.48	96.58	13.550	1.9373
1.000	1.526	77.52	90.17	12.980	1.9266
1.100	1.228	62.38	83.43	11.235	1.8647
1.200	0.924	46.94	82.30	10.446	1.6667
1.300	0.724	36.78	79.44	9.595	1.5194
1.400	0.822	31.62	76.83	8.733	1.5035
1.500	0.537	27.28	73.85	7.991	1.4786
1.600	0.470	23.89	71.25	7.425	1.4657
1.700	0.420	21.34	69.18	6.989	1.4705
1.800	0.381	19.36	67.57	6.634	1.4888
1.900	0.350	17.76	66.30	6.325	1.5160
2.000	0.323	16.41	65.22	6.042	1.5450
2.200	0.279	14.18	63.36	5.537	1.5996
2.400	0.244	12.37	61.79	5.307	1.6458
2.600	0.215	10.94	60.50	5.188	1.6919
2.800	0.194	9.86	59.50	5.052	1.7523
3.000	0.178	9.06	58.75	4.918	1.8377
3.200	0.167	8.50	58.22	4.803	1.9542
3.400	0.160	8.12	57.87	4.720	2.1036
3.600	0.155	7.86	57.65	4.673	2.2839
3.800	0.151	7.70	57.51	4.664	2.4913
4.000	0.149	7.58	57.43	4.693	2.7209

S-361 N-S

TSK=6.00

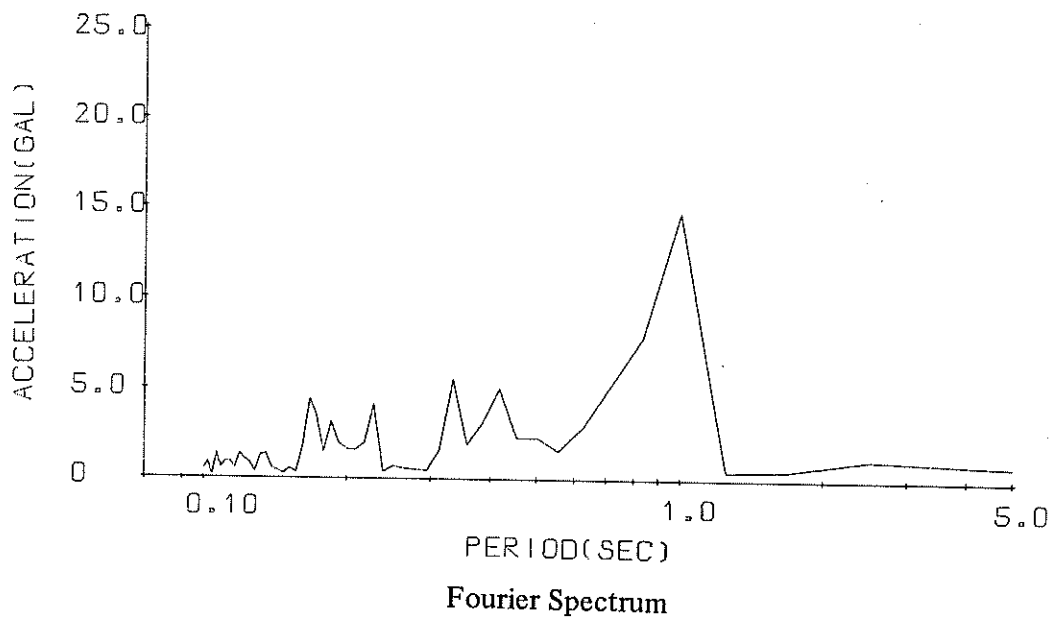
TUS=5.00

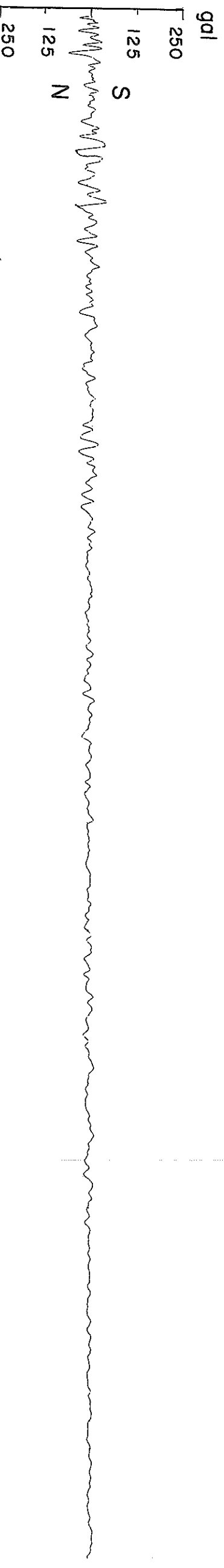
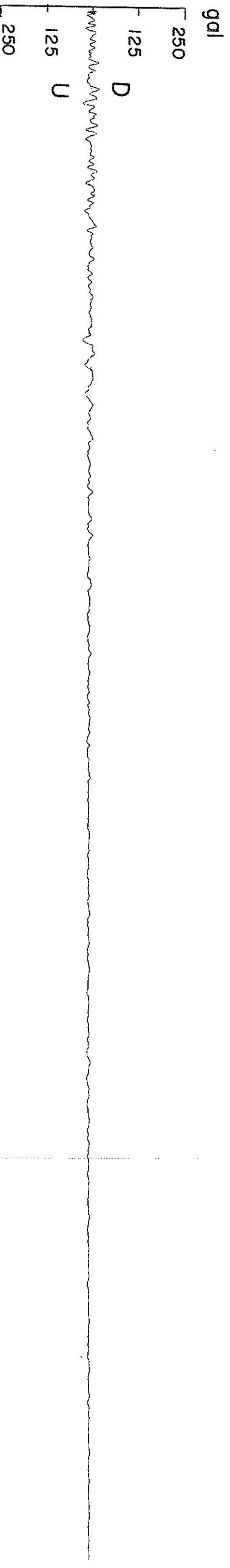
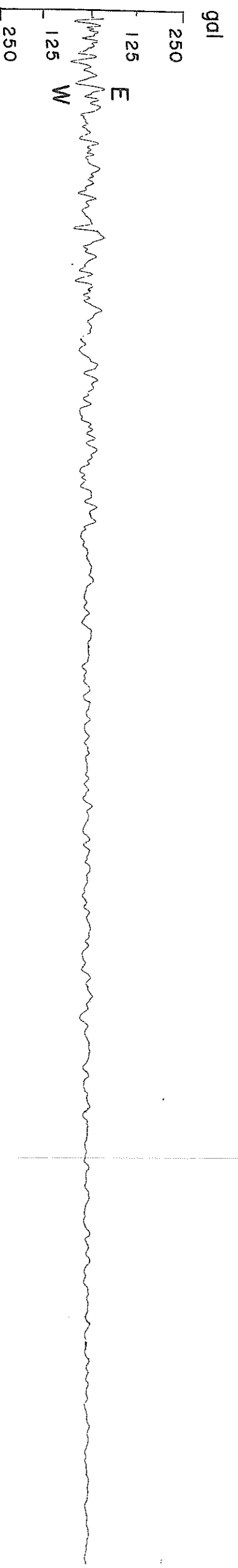


S-361 E-W

TSK=6.00

TUS=5.00





(S-364, HIROSHIMA-S, 01:17 on AUGUST 6, 1968)
-273~274-

RECORD=S-364
 DATE AND TIME=1968-08-06-01-17
 COMPONENT=N-S
 SIGNAL=GR+ACC.
 CORRECTION=ZERO.ARC
 FORMAT NO.=301
 STATION=HIROSHIMA-S
 TOTAL NUMBER OF DATA= 4000

NO.	(	0)	(	50)	(	100)	(	150)	(	200)	(	250)	(	300)	(	350)	(	400)	(	450)
1		0.00		5.31		8.61		9.04		-7.26		19.13		-41.87		12.16		10.25		17.76
2		12.94		0.04		10.64		5.08		-7.94		20.85		-45.11		12.10		16.99		18.14
3		4.58		-3.06		13.46		-0.29		-7.53		21.16		-5.89		10.12		22.11		18.11
4		-0.50		-3.61		18.11		-4.31		-6.21		17.56		-45.28		8.16		28.83		17.67
5		-3.50		-0.36		19.94		-10.80		-2.14		10.01		-43.63		7.74		32.97		16.57
6		-8.66		3.45		20.73		-15.43		2.96		6.16		-41.64		5.54		36.87		15.38
7		-12.65		6.36		22.43		-18.25		6.07		2.99		-40.44		2.17		41.11		14.16
8		-20.67		8.24		23.38		-19.16		7.78		2.40		-38.09		1.37		42.94		12.18
9		-30.53		14.81		18.63		-18.63		10.09		4.62		-34.03		-0.33		43.67		10.19
10		-31.09		18.27		16.72		-15.39		11.56		9.49		-28.56		-1.63		44.21		8.02
11		-26.26		20.34		10.95		-13.62		11.55		14.65		-32.69		-3.64		42.47		6.21
12		-15.94		24.98		5.83		-11.96		11.24		15.64		-17.12		-5.67		36.83		1.74
13		-6.50		27.63		-1.22		-8.24		10.53		14.22		-14.57		-11.76		28.28		-1.15
14		3.82		22.80		-5.73		-5.26		9.43		6.01		-8.37		-16.31		19.43		-3.87
15		5.91		17.21		-7.58		-3.06		8.04		-5.37		-2.22		-19.82		7.49		-9.81
16		5.50		10.65		-4.38		5.74		6.55		-15.96		28.64		-25.77		-2.30		-12.83
17		3.21		2.83		3.39		8.35		4.95		-24.57		30.60		-30.25		-11.68		-15.00
18		3.94		-8.19		6.30		10.49		2.66		-29.59		30.98		-33.47		-18.71		-16.04
19		11.94		-17.77		7.80		17.36		1.86		-31.76		31.35		-35.50		-27.12		-15.73
20		15.79		-21.86		8.88		17.85		-0.04		-31.53		29.68		-31.11		-31.98		-13.36
21		-18.43		9.76		8.45		18.30		0.06		-27.86		25.44		-33.43		-33.43		-8.61
22		-2.29		-6.87		5.96		19.16		-0.03		-19.06		24.75		-30.56		-32.56		-6.24
23		-7.92		5.39		2.19		18.04		-0.03		-15.30		23.90		-26.18		-29.15		-5.63
24		-10.69		10.57		0.09		13.89		0.17		-5.74		21.92		-20.41		-23.15		-3.74
25		-6.75		19.58		8.30		8.30		0.47		2.61		19.47		-16.76		-19.77		-1.74
26		-3.77		23.79		-4.31		0.03		1.37		8.66		13.83		-9.55		-19.44		-0.84
27		0.02		28.36		-5.81		-2.57		0.97		12.26		6.57		-6.20		-17.78		2.16
28		3.93		27.91		-6.50		-4.17		0.17		17.01		-1.66		-3.90		-17.74		4.26
29		7.31		25.07		-5.98		-5.36		-1.83		20.47		-7.00		2.19		-17.12		6.30
30		14.84		20.29		-2.30		-5.02		-5.47		24.89		-11.51		6.20		-15.98		10.90
31		19.19		10.15		0.10		2.74		-11.73		30.42		-13.51		8.81		-10.69		16.29
32		18.31		-3.17		2.00		4.34		-15.42		32.56		-12.43		16.41		-7.33		15.81
33		11.56		-19.23		2.90		4.54		-13.28		34.39		-11.59		20.23		-2.97		1.70
34		5.85		-33.17		3.10		5.14		-23.70		35.51		-9.63		21.98		1.43		18.12
35		-4.23		-57.71		2.40		5.74		-26.64		36.48		-8.84		24.71		3.83		15.90
36		-16.84		-57.24		1.90		6.14		-22.92		37.12		-8.49		26.19		5.33		9.52
37		-28.62		-61.21		0.50		6.75		-28.24		37.74		-11.00		25.61		6.13		2.16
38		-32.85		-59.85		0.20		8.06		-26.70		38.55		-12.93		21.50		6.41		-6.31
39		-35.86		-51.80		1.30		8.33		-22.81		39.52		-15.08		15.79		1.33		-15.42
40		-31.50		-43.01		2.71		8.51		-19.29		39.35		-15.73		8.59		1.33		-21.50
41		-23.32		-34.54		4.41		6.50		-16.32		37.35		-15.20		2.19		-1.57		-29.05
42		-15.62		-24.04		5.70		1.44		-11.33		32.41		-10.38		-2.11		-3.57		-33.15
43		-5.79		-15.32		5.40		-1.76		-7.99		25.88		-7.69		-5.17		-3.57		-37.43
44		5.06		-7.59		4.40		-2.96		-5.80		17.57		-3.73		-8.71		-5.56		-37.22
45		10.67		-4.21		2.91		-3.05		-3.70		8.47		0.26		-8.68		-5.85		-35.34
46		16.35		-0.33		3.11		-2.65		2.19		-11.18		4.67		-7.38		0.63		-30.32
47		18.33		4.28		4.72		-2.05		5.80		-13.14		6.78		-5.59		5.75		-24.56
48		18.03		5.27		6.52		-2.45		8.27		-23.23		8.89		-3.59		8.42		-18.08
49		13.75		5.59		8.14		-4.26		14.18		-30.47		10.91		2.50		14.23		-9.50
50		9.26		7.98		9.89		-5.66		18.62		-35.49		12.64		7.53		16.32		-3.01

RECORD=S-364 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=HIROSHIMA-S
 DATE AND TIME=1968-08-06-01-17 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 4000

No.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	6.22	24.98	0.45	-29.25	-13.18	2.46	1.00	2.64	1.83	-30.55
2	12.16	24.91	4.85	-29.84	-13.56	2.06	-1.80	1.84	4.59	-29.22
3	17.87	21.08	4.15	-28.80	-12.85	2.37	-4.81	1.24	6.68	-26.29
4	19.25	15.71	4.36	-27.24	-12.05	4.47	-7.52	4.47	7.68	-23.79
5	19.98	10.27	5.25	-23.61	-11.24	5.17	-9.50	1.74	8.27	-22.05
6	18.75	8.19	4.65	-18.82	-10.12	6.57	-9.59	3.64	7.84	-19.18
7	15.59	6.20	3.95	-13.85	-7.86	7.17	-9.09	4.24	5.35	-18.95
8	10.19	4.52	1.55	-7.36	-7.16	7.56	-8.68	4.65	1.48	-16.94
9	6.26	4.32	-2.15	-3.10	-6.16	6.71	-7.98	6.15	-1.12	-11.68
10	4.27	4.32	-8.07	2.50	-4.86	0.97	-7.08	6.55	-5.14	-8.33
11	0.38	4.32	-9.93	6.93	-3.86	-2.74	-6.18	7.06	-8.77	-4.96
12	-2.82	3.82	-9.39	10.14	-2.56	-6.98	-4.79	8.15	-12.13	-0.48
13	-2.82	3.02	-9.39	12.24	-0.47	-11.74	-4.09	8.75	-15.86	4.64
14	-5.33	0.42	-6.72	13.48	0.53	-15.37	-3.59	9.25	-18.04	8.35
15	-7.97	-1.08	-4.92	13.08	1.84	-16.18	-4.39	9.25	-19.82	10.24
16	-11.68	-3.48	-1.44	12.59	3.84	-17.11	-5.29	9.24	-21.15	11.16
17	-14.04	-5.49	0.46	12.28	4.44	-16.90	-6.09	9.04	-22.50	12.52
18	-14.71	-7.09	1.76	11.80	5.54	-16.40	-6.09	8.75	-23.32	12.39
19	-14.66	-8.88	2.56	11.69	5.53	-15.89	-5.78	8.74	-24.17	11.23
20	-13.33	-9.37	3.87	11.31	4.93	-15.25	-5.28	8.34	-24.69	7.88
21	-8.68	-9.37	5.87	11.83	3.54	-15.93	-3.88	7.65	-25.17	4.81
22	-6.90	-9.05	6.87	12.84	3.14	-17.81	-3.28	7.64	-24.60	0.33
23	-6.20	-7.94	6.98	14.02	2.74	-19.09	-2.78	6.95	-22.13	-2.77
24	-5.30	-5.95	7.86	14.43	2.54	-19.92	-1.88	7.06	-19.81	-3.98
25	-3.11	-3.77	7.05	15.02	2.54	-19.85	-1.88	7.26	-17.18	-5.57
26	-2.21	-2.07	5.75	15.33	3.54	-18.83	-1.28	8.06	-10.79	-5.57
27	-0.91	-0.17	2.87	15.89	3.95	-15.25	-0.78	8.56	-6.37	-4.85
28	0.90	0.43	1.67	17.37	4.45	-13.83	0.12	8.95	-1.80	-1.97
29	3.70	1.03	0.47	18.40	5.24	-11.65	1.42	8.55	4.92	0.73
30	4.30	0.43	0.27	19.67	4.54	-9.19	4.22	7.85	9.45	6.65
31	4.90	-1.27	0.47	20.43	2.95	-7.51	4.63	7.06	12.51	8.99
32	5.79	-2.97	0.67	20.59	2.45	-7.31	6.54	7.06	18.75	12.34
33	5.18	-3.56	3.58	20.31	2.45	-6.51	8.45	6.66	20.74	15.59
34	2.40	-3.06	4.98	19.05	4.26	-5.91	10.17	6.35	22.46	16.56
35	1.40	0.14	6.39	16.90	6.46	-5.91	12.19	5.36	24.60	16.91
36	0.40	1.44	7.68	13.59	7.98	-5.91	14.27	4.55	24.60	16.42
37	0.40	2.14	8.37	10.54	9.88	-5.10	15.39	1.06	24.30	14.32
38	0.40	2.34	7.64	7.28	11.28	-2.60	16.53	0.56	21.83	11.71
39	3.21	1.24	4.36	4.40	12.16	1.79	16.46	-1.94	18.35	10.82
40	4.31	-2.06	4.48	1.61	12.38	5.60	15.38	-4.45	14.95	9.94
41	4.92	-5.49	-3.94	-0.18	10.10	7.60	14.23	-7.28	11.66	9.83
42	7.11	-9.79	-9.01	-1.88	7.64	10.44	9.90	-11.18	6.62	9.44
43	7.73	-11.16	-14.12	-3.48	6.44	12.47	8.31	-13.07	-2.60	9.44
44	9.50	-11.46	-16.48	-3.78	4.45	14.65	6.61	-16.81	-8.49	9.46
45	14.29	-11.43	-19.39	-3.78	3.66	15.82	4.53	-18.10	-15.05	10.46
46	16.26	-10.53	-22.76	-4.59	3.26	16.16	3.93	-19.01	-20.44	11.18
47	18.92	-9.42	-24.87	-7.40	3.66	15.38	3.83	-18.28	-25.75	12.61
48	20.66	-7.54	-26.13	-8.91	4.16	11.32	3.93	-12.38	-27.47	14.64
49	24.14	-6.72	-27.53	-10.62	4.16	8.54	3.83	-7.97	-28.67	16.73
50	24.39	-3.84	-28.30	-12.21	3.16	4.98	3.53	-3.41	-30.09	18.08

RECORD-S=364
 DATE AND TIME=1968-08-06-01-17
 COMPONENT=N-S
 SIGNAL=GR+ACC.
 SAMPLING INTERVAL= 0.010(SEC)
 CORRECTION=ZERO.ARC
 FORMAT NO.=301
 STATION=HIROSHIMA-S
 TOTAL NUMBER OF DATA= 4000

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	18.56	-9.96	8.71	4.35	-8.69	7.13	-9.23	3.49	-4.65	-4.31
2	18.75	-7.49	8.11	2.26	-8.19	7.04	-9.53	-3.09	-4.85	-2.81
3	19.98	-5.80	7.01	2.26	-7.49	7.54	-9.61	-2.79	-4.85	-2.81
4	20.15	-3.51	5.82	1.36	-7.00	8.05	-8.90	-2.39	-4.84	1.09
5	18.64	-1.91	4.83	0.86	-6.99	8.54	-7.61	-1.49	-2.85	1.09
6	13.39	2.19	4.73	0.86	-6.39	8.74	-6.82	0.51	-0.85	1.09
7	9.30	6.51	1.37	1.37	-5.49	8.84	-6.31	2.32	2.15	2.99
8	6.54	8.74	4.73	3.47	-3.29	8.61	-5.32	2.82	2.95	2.99
9	4.64	11.61	4.73	4.77	-3.29	6.63	-4.72	4.82	2.96	4.19
10	2.45	12.31	4.73	5.67	-2.09	5.54	-4.92	4.82	4.66	4.79
11	1.56	12.60	3.93	6.47	-1.09	4.84	-5.52	5.02	4.96	4.99
12	0.96	9.80	3.23	6.87	-0.49	4.54	-5.62	5.42	4.96	5.00
13	0.76	5.37	1.83	6.87	-0.19	4.65	-5.41	5.12	4.96	6.10
14	-0.34	1.19	0.83	6.76	0.91	5.25	-4.91	4.92	4.96	6.20
15	-2.44	-3.11	0.43	5.26	1.01	6.55	-4.41	4.51	4.96	6.19
16	-3.15	-7.55	-1.97	3.97	1.51	7.16	-2.91	2.72	4.96	5.00
17	-7.15	-11.20	-2.16	2.67	2.41	7.95	-2.41	1.02	4.26	4.89
18	-7.75	-15.02	-1.36	0.67	2.71	8.14	-1.61	0.02	2.96	2.99
19	-8.54	-17.47	-1.06	-2.13	2.81	7.23	-0.71	-1.58	2.56	1.10
20	-8.82	-19.95	2.74	-3.63	2.71	5.34	-0.31	-2.88	1.06	-2.81
21	-7.51	-20.55	5.16	-4.93	2.21	3.05	-0.71	4.58	-0.44	-6.84
22	-5.52	-21.10	8.17	-5.52	1.31	1.25	-0.91	6.18	-2.34	-10.88
23	-3.63	-21.09	10.51	-5.62	0.29	0.95	-0.51	6.57	-2.84	-14.03
24	-1.73	-20.95	13.51	-5.21	-0.78	0.85	-2.41	-6.57	-4.64	-14.89
25	0.77	-20.26	15.31	-3.82	-2.28	0.55	-2.91	-6.26	-4.83	-16.78
26	1.17	-17.74	16.67	-3.12	-3.28	0.15	-3.31	-4.87	-4.83	-16.78
27	3.37	-16.87	17.02	-2.42	-3.58	0.16	-3.71	-4.77	-4.72	-16.39
28	5.27	-14.74	16.63	-2.42	-3.78	-0.34	-4.00	-4.77	-2.83	-14.50
29	6.17	-11.43	14.65	-2.82	-3.78	-0.74	-3.40	-4.57	-2.33	-12.37
30	6.78	-9.37	12.55	-3.72	-3.68	-0.94	-2.90	-4.16	-0.83	-8.73
31	8.08	-8.17	9.79	-4.72	-2.78	-1.04	-1.10	-2.86	1.07	-4.78
32	8.67	-6.68	7.34	-5.22	-0.98	-0.84	0.40	-0.47	1.07	-2.79
33	8.67	-5.38	6.33	-5.61	-0.68	-0.34	1.00	2.04	-0.33	-0.69
34	8.65	-4.58	4.74	-5.31	0.92	0.86	1.00	2.04	-2.31	2.31
35	7.14	-3.28	3.84	-5.01	2.42	1.36	1.00	4.94	-2.83	2.31
36	3.77	-1.79	1.85	-4.91	3.03	2.46	0.40	6.65	-4.64	4.52
37	1.37	0.01	0.85	-4.51	3.53	2.86	-0.20	8.25	-6.83	7.03
38	-1.43	0.81	-0.85	-4.31	3.53	2.86	-0.40	8.97	-6.84	9.05
39	-5.15	1.62	-2.15	-3.71	4.73	2.86	-1.00	10.65	-8.82	11.07
40	-9.16	2.52	-3.05	-3.11	4.43	2.86	1.00	10.99	-8.82	13.01
41	-11.82	2.92	-3.85	-2.81	4.03	2.86	1.40	12.94	-8.82	13.09
42	-14.83	3.82	-4.74	-2.51	3.73	2.47	2.20	12.92	-8.82	15.02
43	-17.25	4.12	-5.84	-2.91	3.73	1.47	1.80	10.94	-8.82	15.02
44	-19.31	5.03	-6.34	-4.21	4.13	0.97	1.60	10.94	-8.82	14.92
45	-20.42	7.02	-7.02	-5.21	4.73	0.97	1.80	10.89	-8.85	12.95
46	-20.84	7.53	-7.53	-6.61	5.34	0.97	-0.39	10.89	-10.82	11.09
47	-19.44	8.04	-8.04	-7.02	6.13	0.03	-1.69	8.41	-10.82	10.03
48	-18.44	9.22	-8.44	-8.21	6.34	-2.43	-2.69	6.02	-10.82	7.00
49	-15.96	9.22	-8.31	-8.31	6.74	-4.43	-3.19	2.44	-10.77	5.01
50	-11.47	8.92	-8.70	-8.70	6.84	-7.25	-3.39	-2.16	-8.75	2.92
									-4.81	2.92

NO.	RECORDS-364 DATE AND TIME=1968-08-06-01-17										COMPONENT=N-S			SIGNAL=GR.ACC. CORRECTION=ZFRQ.ARC TOTAL NUMBER OF DATA= 4000			STATION=HIROSHIMA-S		
	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	( 1950)
1	2.32	0.76	1.20	4.44	-6.92	13.31	0.25	-4.51	-2.88	-5.04									
2	1.12	1.16	0.90	4.44	-6.62	13.31	-0.05	-4.51	-2.48	-5.75									
3	1.12	1.06	1.20	4.44	-6.02	13.31	-0.35	-4.31	-2.48	-6.74									
4	1.13	0.56	1.20	4.44	-5.72	13.20	-0.55	-3.81	-1.77	-7.15									
5	1.13	-2.34	1.20	4.74	-4.92	12.77	-0.55	-2.51	-0.57	-7.84									
6	0.43	-3.84	2.50	5.04	-4.62	8.79	-0.35	-2.31	-0.47	-7.83									
7	-0.17	-5.94	3.10	5.14	-4.02	7.07	0.35	-0.51	-0.27	-7.63									
8	-0.77	-6.94	3.61	5.14	-3.52	3.21	0.95	-0.21	-0.07	-6.83									
9	-0.97	7.45	5.11	5.14	-1.72	1.32	1.25	1.39	-0.07	-6.43									
10	-1.87	8.55	6.41	5.14	-0.72	0.28	1.35	1.39	-0.07	-6.12									
11	-2.27	-9.85	6.91	4.94	-0.02	-2.48	1.56	1.39	-0.07	-4.93									
12	-1.47	-10.74	7.50	4.44	1.28	-2.88	1.36	2.69	0.03	-5.63									
13	-0.67	-11.08	7.40	3.44	1.68	-3.28	2.36	3.30	0.23	-4.53									
14	1.13	-12.77	7.21	3.14	2.48	-3.68	2.86	3.80	0.83	-0.73									
15	1.23	-13.87	7.11	1.34	2.68	-3.78	3.26	4.80	1.13	0.47									
16	2.34	-14.75	7.11	-2.45	2.58	-3.78	3.66	5.30	1.23	1.37									
17	3.84	-15.30	6.91	-3.36	2.58	-3.78	3.36	5.60	0.83	1.07									
18	4.74	-16.76	6.91	-4.66	2.28	-3.78	3.26	6.40	0.24	0.47									
19	6.44	-18.83	6.61	-7.06	1.29	-3.77	2.56	6.39	-0.56	-0.43									
20	7.05	-18.93	6.31	-8.05	1.29	-2.97	1.36	5.90	-1.06	-1.63									
21	8.15	-18.91	5.61	-7.94	1.29	-2.57	0.86	5.60	-1.96	-2.55									
22	9.05	-18.60	5.11	-7.04	0.89	-1.07	0.06	5.00	-2.36	-3.03									
23	9.64	-16.92	4.81	-5.84	-0.11	-0.67	-0.24	4.70	-2.26	-4.03									
24	9.43	-15.08	3.01	-4.64	-0.61	-0.57	0.06	4.70	-0.96	-4.72									
25	8.03	-10.39	2.51	-2.24	-2.01	0.93	0.97	4.40	0.84	-5.13									
26	8.12	-9.08	1.52	1.25	-2.51	1.33	1.37	4.01	2.84	-6.42									
27	6.43	-6.69	-0.38	1.26	-2.61	1.33	1.37	4.51	4.05	-6.83									
28	4.94	-3.22	-1.88	4.46	-2.61	1.13	1.37	4.91	5.35	-7.83									
29	4.14	-2.32	-3.08	4.96	-2.40	0.13	1.37	5.21	6.75	-8.54									
30	2.54	-0.52	-4.69	5.26	-1.11	-1.07	0.37	5.31	7.34	-9.63									
31	1.75	2.78	-6.68	5.26	-0.10	-1.07	-0.33	5.31	7.34	-10.12									
32	1.45	3.09	-6.88	5.14	0.90	-1.17	-0.53	5.11	7.34	-10.31									
33	1.45	4.89	-7.18	2.46	0.80	-1.17	-1.03	5.01	7.03	-9.79									
34	1.55	5.69	-7.07	1.26	0.80	-0.77	-1.63	4.71	5.94	-8.49									
35	2.25	6.69	-6.67	-0.24	0.30	-0.56	-2.13	4.41	5.04	-6.89									
36	3.15	7.09	-5.97	-0.64	0.30	-0.26	-2.43	3.81	3.45	-4.80									
37	4.45	7.19	-4.67	-1.24	0.80	0.74	-2.53	3.81	3.45	-3.01									
38	4.35	7.07	-3.97	-1.84	1.00	1.14	-2.73	4.12	1.65	-1.81									
39	3.65	5.09	-2.67	-2.14	1.70	1.34	-3.23	5.02	1.45	0.19									
40	3.75	4.78	-0.97	-2.84	2.50	1.74	-4.22	5.31	1.45	1.09									
41	3.53	3.09	-0.67	-4.65	3.21	1.74	-4.53	5.31	1.45	1.69									
42	3.85	2.99	-7.14	-7.14	5.10	1.64	-6.12	5.21	1.55	3.49									
43	3.05	2.99	1.23	-8.15	5.21	2.34	-6.12	3.81	2.05	4.00									
44	2.15	2.99	1.23	-9.05	6.71	2.74	-6.52	3.21	2.75	5.10									
45	1.16	3.09	1.23	-10.13	7.22	3.14	-6.52	1.42	2.75	7.60									
46	1.16	3.09	1.43	-10.13	8.71	3.24	-6.52	0.22	2.45	7.91									
47	0.66	2.99	2.53	-10.02	9.23	3.24	-6.21	-0.48	1.46	8.81									
48	-0.24	2.59	2.93	-9.71	10.43	2.84	-5.71	-2.28	0.44	9.40									
49	-0.24	1.20	3.13	-8.52	11.24	1.65	-5.01	-2.68	-0.94	9.40									
50	0.06	1.20	3.64	-7.72	12.54	1.35	-4.71	-2.98	-2.74	8.59									

RECORD=S-364
 DATE AND TIME=1968-08-06-01-17
 COMPONENT=N-S
 SIGNAL=SR.ACC.
 CORRECTION=ZFR0.ARC
 STATION=HIROSHIMA-S
 SAMPLING INTERVAL= 0.010(SEC)
 FORMAT NO.=331
 TOTAL NUMBER OF DATA= 4000

NO.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	9.37	-10.33	-1.13	3.11	1.65	1.68	3.02	-4.64	1.80	-0.07
2	7.77	-8.86	-2.13	5.22	1.65	1.69	2.72	-5.54	3.20	0.74
3	5.38	-8.33	-2.53	6.82	1.65	2.29	2.42	-6.14	4.40	1.84
4	2.70	-6.36	-2.83	7.32	1.65	3.09	2.42	-6.44	5.20	1.84
5	1.50	-6.16	-3.52	7.82	1.45	3.59	2.43	-6.44	5.70	1.94
6	-0.50	-5.55	-3.52	8.63	0.45	4.09	3.03	-6.44	5.80	3.14
7	-1.70	-4.46	-3.72	9.51	-0.25	4.09	2.33	-6.43	5.74	3.74
8	-2.60	-4.06	-4.12	9.52	-1.35	3.99	2.93	-6.23	6.31	3.74
9	-3.70	-3.06	-4.32	10.02	-2.55	3.59	2.83	-6.13	7.70	3.74
10	-3.90	-2.36	-4.32	10.03	-4.45	3.09	2.13	-5.93	7.50	3.44
11	-3.89	-1.16	-4.82	10.71	-5.95	2.09	1.73	-5.93	6.89	2.84
12	-3.49	-0.36	-5.02	10.61	-6.76	1.69	1.73	-6.03	5.70	1.84
13	-2.39	0.14	-5.12	10.20	-8.58	1.69	0.73	-6.13	5.40	1.84
14	-0.59	1.04	-5.02	9.52	-10.86	1.69	0.03	-6.33	4.90	0.44
15	1.01	1.55	-5.02	9.50	-11.56	1.90	0.03	-6.63	4.31	-0.06
16	1.81	1.55	-5.02	8.21	-12.25	2.90	0.03	-6.63	4.91	-0.25
17	2.51	1.55	-4.81	7.62	-12.54	3.60	0.33	-6.63	5.31	-1.25
18	5.21	1.95	-4.52	7.11	-12.63	4.20	0.73	-6.58	5.71	-1.65
19	5.42	2.85	-4.51	5.62	-12.23	5.61	1.34	-6.23	5.81	-1.65
20	6.52	4.05	-4.31	5.22	-11.80	7.60	1.34	-6.03	6.22	-1.15
21	7.42	4.75	-3.91	3.92	-10.56	7.91	1.74	-6.02	7.02	-0.15
22	7.42	5.35	-3.01	3.52	-7.32	8.81	1.64	-5.72	7.63	-0.05
23	8.03	5.75	-1.81	2.92	-6.23	9.51	1.54	-5.52	9.13	-0.05
24	9.12	6.05	0.39	1.73	-5.52	9.61	1.04	-4.82	10.14	-0.35
25	9.42	5.75	3.39	1.63	-2.83	9.92	-0.16	-4.42	11.43	-1.25
26	9.41	5.34	4.80	-0.17	-2.23	10.71	-1.86	-4.12	11.87	-1.65
27	9.11	3.45	6.90	-0.57	-1.43	11.11	-2.16	-3.72	13.62	-2.25
28	8.80	2.15	7.51	-1.47	-0.03	11.51	-2.56	-2.82	13.75	-2.55
29	8.01	-2.35	9.12	-2.27	1.57	11.72	-4.16	-2.12	14.07	-3.35
30	7.41	-4.25	10.72	-2.47	1.67	12.34	-4.86	-0.32	15.24	-3.94
31	6.72	-6.66	11.63	-3.77	1.67	13.42	-5.56	0.12	15.53	-4.05
32	6.72	-8.17	12.71	-4.27	1.67	13.84	-5.85	0.58	13.82	-5.35
33	6.93	-10.35	13.21	-4.77	0.67	14.74	-5.85	1.68	13.71	-6.05
34	7.32	-10.55	13.50	-5.67	-0.63	15.42	-5.45	1.78	13.36	-7.35
35	7.43	-10.83	13.48	-6.06	-2.13	15.64	-4.65	1.79	11.72	-8.04
36	8.13	-10.43	12.91	-5.96	-3.73	16.13	-4.25	2.19	11.70	-8.04
37	8.92	-10.05	10.57	-4.96	-4.23	16.39	-4.15	2.89	13.60	-8.04
38	8.81	-5.82	7.17	-4.56	-5.73	16.09	-3.75	3.09	9.72	-8.34
39	7.62	-2.94	7.67	-4.26	-6.23	15.71	-3.45	3.49	8.61	-8.33
40	6.94	-2.03	5.59	-3.66	-6.53	15.58	-2.65	3.39	9.91	-7.72
41	4.91	-0.34	3.20	-2.86	-7.41	14.86	-2.15	2.79	7.73	-6.13
42	2.53	1.57	2.70	-2.26	-6.71	13.68	-1.65	1.89	7.72	-6.08
43	1.13	1.57	1.60	-2.26	-5.41	12.86	-0.75	1.79	6.82	-5.83
44	-1.87	1.77	1.20	-2.06	-3.82	11.27	0.19	1.79	5.72	-5.23
45	-3.58	2.87	-0.29	-1.46	-2.72	9.61	-0.65	0.11	3.82	-4.03
46	-5.68	2.57	-0.49	-0.76	-1.52	7.30	-0.31	-0.31	1.83	-3.53
47	-7.58	1.57	-0.79	-0.36	0.38	5.91	-2.14	-0.51	1.83	-2.43
48	-8.79	0.07	-0.59	-0.16	1.18	5.91	-0.24	-0.11	0.23	-1.33
49	-10.37	-0.33	-0.09	0.35	1.68	4.32	-3.84	0.10	-0.07	1.77
50	-10.56	-0.63	1.21	1.15	1.68	3.62	-4.34	1.80	-0.07	1.87

RECORD=S-364	COMPONENT=N-S	SIGNAL=GR.ACC.	CORRECTION=ZERO.ARC	STATION=HIPOSHIMA-S						
DATE AND TIME=1968-08-06-01-17	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=3811	TOTAL NUMBER OF DATA= 4000							
NO.	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)	
1	1.87	8.20	-2.25	0.48	5.32	3.96	-1.80	-3.37	5.67	-4.19
2	3.17	7.41	-1.65	0.08	5.32	4.16	-1.80	-3.37	5.67	-4.19
3	3.57	7.00	-1.35	0.09	5.32	3.96	-1.40	-3.36	4.77	-4.19
4	3.17	5.81	0.05	0.09	5.22	3.06	-1.40	-3.36	4.77	-3.69
5	1.87	5.11	0.45	0.29	5.02	2.06	-1.50	-3.16	4.27	-3.69
6	0.68	4.31	1.85	0.49	5.02	0.16	-1.80	-2.66	3.57	-3.69
7	-0.02	3.81	1.95	0.79	4.32	-1.14	-1.80	-2.26	2.18	-3.69
8	-1.32	3.01	2.45	1.69	3.43	-1.54	-2.30	-1.86	1.78	-3.68
9	-3.33	2.31	2.45	1.79	3.03	-1.74	-3.10	-1.46	0.58	-3.68
10	-5.03	1.92	2.35	1.79	2.23	-1.83	-3.40	-0.42	0.24	-3.28
11	-6.73	1.92	1.95	1.79	2.03	-1.83	-3.50	2.14	-1.72	-3.28
12	-7.63	2.12	1.75	1.79	1.43	-1.83	-3.70	3.55	-1.72	-2.98
13	-8.25	3.62	0.76	1.79	0.83	-1.53	-3.79	5.54	-1.72	-2.88
14	-10.52	3.82	0.06	1.79	0.83	-1.03	-3.79	5.55	-1.72	-2.88
15	-10.64	4.13	-1.94	1.79	0.83	-0.43	-3.59	5.95	-1.52	-2.78
16	-11.53	5.82	-3.55	1.59	0.83	0.17	-3.49	6.15	-1.22	-2.38
17	-11.92	5.82	-5.05	1.00	0.53	0.87	-3.19	6.85	-0.92	-1.98
18	-11.90	6.23	-7.65	0.70	0.33	2.07	-3.19	6.85	-0.42	-1.68
19	-11.48	7.43	-7.65	0.40	0.03	2.27	-3.19	6.75	-0.12	-1.68
20	-10.17	7.83	-8.36	0.20	0.04	3.57	-2.99	6.65	0.29	-1.68
21	-8.31	8.23	-9.55	0.90	0.14	4.08	-3.29	6.35	1.09	-1.68
22	-7.80	8.94	-9.95	1.70	0.14	5.08	-3.29	6.05	1.09	-1.68
23	-6.49	9.63	-10.33	2.00	0.74	5.88	-3.19	5.75	1.49	-1.88
24	-5.90	9.62	-10.33	2.00	1.24	6.08	-2.48	5.35	1.49	-2.07
25	-2.01	9.52	-9.28	2.40	1.54	6.08	-0.39	4.75	1.79	-2.07
26	-0.11	8.90	-6.53	3.00	2.04	6.08	0.32	4.45	2.09	-1.97
27	1.69	7.01	-5.52	3.50	2.04	5.98	0.62	4.15	2.19	-1.77
28	1.89	5.72	-3.73	3.30	2.24	5.87	2.22	3.85	2.19	-1.67
29	3.79	3.83	-3.13	3.60	2.14	5.17	3.12	3.45	2.19	-1.47
30	4.40	2.43	-1.93	3.61	2.54	4.28	3.72	2.65	2.19	-1.27
31	5.81	1.93	-1.13	3.40	3.04	3.98	4.32	2.16	2.39	-0.07
32	7.50	0.73	-0.13	2.41	3.45	2.48	4.72	2.16	2.39	0.73
33	7.81	0.73	0.97	2.21	3.85	2.08	5.22	2.06	2.70	2.23
34	8.62	1.33	2.27	2.01	3.95	1.88	5.52	2.06	2.70	3.63
35	10.10	1.93	3.07	1.81	4.15	0.98	6.02	1.76	2.70	3.64
36	10.12	1.94	3.77	0.81	4.25	-0.61	6.22	1.76	2.70	4.14
37	11.22	1.83	3.88	0.11	4.15	-1.41	6.02	2.06	2.60	4.54
38	12.11	0.04	4.47	-0.59	4.25	-1.51	5.12	2.16	2.50	5.24
39	12.50	-0.16	4.48	-0.59	4.15	-1.51	4.52	2.26	2.20	5.24
40	12.39	-1.16	4.58	-0.69	4.15	-1.51	4.02	3.16	2.20	5.24
41	12.09	-1.66	4.58	-0.69	3.95	-1.21	3.73	3.97	1.70	5.24
42	11.80	-1.96	4.38	-0.39	3.95	-1.11	3.43	4.67	1.50	5.03
43	11.80	-2.56	4.08	0.12	3.85	-1.31	2.73	5.17	1.00	3.94
44	11.80	-3.66	3.88	0.52	3.25	-1.31	2.33	5.57	-1.50	2.64
45	11.70	-3.96	2.58	2.02	2.85	-1.51	1.33	6.27	-2.50	2.24
46	11.40	-3.96	2.58	2.02	2.76	-1.91	0.23	6.17	-3.40	1.44
47	11.09	-3.96	2.48	2.32	2.86	-1.91	-0.27	6.17	-3.80	0.34
48	10.39	-3.85	2.08	3.02	2.86	-2.31	-1.77	6.17	-4.19	-0.26
49	9.80	-3.55	1.98	3.82	3.46	-2.30	-2.07	6.07	-4.19	-0.05
50	9.29	-3.15	1.68	5.02	3.76	-2.00	-3.17	5.67	-4.19	-0.05

RECORD=S-364
 DATE AND TIME=1968-08-06-01-17 COMPONENT=E-W SAMPLING INTERVAL= 0.040(SEC) CORRECTION=ZERO ARC FORMAT NO.=301 STATION=HIROSHIMA-S TOTAL NUMBER OF DATA= 4000

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	15.00	19.48	7.44	-19.32	6.94	-16.16	5.28	8.42	13.40	6.67
2	10.18	19.94	-2.53	-25.46	11.01	-12.30	1.17	7.93	16.90	6.67
3	5.58	13.77	-7.66	-28.69	16.90	-7.94	-1.01	9.54	18.69	7.07
4	-1.35	8.02	-18.65	-31.36	20.86	-6.22	-2.00	13.82	18.49	7.38
5	-17.72	2.95	-28.35	-34.08	27.72	-5.09	-2.07	15.12	17.18	8.77
6	-22.27	-5.43	-36.14	-35.58	30.97	-4.59	4.22	14.82	11.59	9.57
7	-18.85	-12.81	-42.58	-34.95	32.12	-4.13	8.17	11.62	7.03	10.57
8	-11.49	-12.48	-47.97	-32.72	32.37	-3.92	11.65	9.81	0.29	9.36
9	-6.69	-4.87	-47.93	-27.64	31.87	-0.82	13.44	6.37	-2.45	6.98
10	-4.58	-4.58	-42.94	-20.79	29.195	3.42	15.44	2.07	-5.03	-3.09
11	-1.61	12.38	-36.12	-14.38	27.33	5.37	12.54	0.50	-7.99	-7.99
12	6.55	21.65	-26.17	-6.38	25.55	5.37	8.81	0.09	-6.45	-15.94
13	23.33	29.22	-17.88	6.38	24.05	5.84	3.33	1.91	-4.61	-23.06
14	34.33	30.52	-13.79	17.63	22.18	4.19	-1.68	5.15	-3.24	-33.37
15	42.03	29.12	-8.18	22.22	21.27	0.32	-5.88	7.33	-2.02	-38.91
16	31.62	23.79	-4.16	29.97	19.27	-3.42	-7.22	9.12	-0.24	-40.64
17	8.47	19.52	-1.41	35.05	14.89	-6.47	-6.55	10.52	1.63	-41.07
18	-6.20	10.66	4.55	40.69	12.19	-11.17	-3.27	12.11	2.88	-36.33
19	-21.33	9.26	5.16	42.87	7.53	-13.66	-1.89	12.91	2.35	-27.69
20	-31.55	9.18	5.94	42.52	1.07	-15.73	-0.55	13.31	0.98	-17.39
21	-33.76	11.27	6.11	38.99	-5.33	-17.85	-0.26	13.31	-2.18	-5.46
22	-38.50	15.36	4.00	34.44	-14.99	-20.06	-0.16	13.01	-5.32	9.16
23	-18.47	15.36	-1.78	30.07	-18.58	-22.55	-0.16	11.51	-8.28	12.36
24	-9.35	15.36	-5.58	-22.13	-22.09	-23.37	-0.14	8.80	-11.80	19.12
25	-0.92	13.36	-8.31	15.91	-21.90	-33.26	0.46	5.34	-13.87	26.95
26	7.81	14.46	-12.03	10.91	-18.91	-21.75	1.13	0.50	-15.52	29.88
27	19.12	11.25	-13.06	8.90	-16.32	-18.03	3.96	-2.54	-16.98	30.18
28	27.73	6.36	-12.75	7.71	-13.80	-13.76	5.15	-5.24	-17.32	30.77
29	31.95	-0.14	-8.07	7.51	-13.30	-6.39	6.13	-7.12	-17.72	30.78
30	35.84	-2.30	-4.38	7.19	-13.75	-1.29	7.85	-8.39	-17.64	31.23
31	33.52	-3.32	1.56	5.00	-13.77	7.33	10.14	-8.24	-17.22	32.44
32	22.83	-4.37	5.05	-0.65	-12.60	14.96	12.83	-6.61	-16.36	35.44
33	11.96	-6.24	-4.17	-4.17	-10.04	19.08	17.74	-5.85	-14.07	37.35
34	0.37	-8.64	8.25	-8.13	-8.09	22.84	20.75	-1.36	-11.36	41.77
35	0.43	-13.07	10.24	-10.14	-7.72	22.49	22.80	-5.19	-9.59	42.35
36	7.86	-16.71	13.03	-9.19	-6.82	28.32	26.82	-8.23	-9.32	43.23
37	15.48	-20.59	16.63	-3.94	-6.86	25.25	29.37	-14.33	-9.23	43.10
38	16.18	-26.69	19.13	5.88	-7.26	21.42	30.11	-18.57	-9.46	42.74
39	13.08	-28.11	20.14	16.81	-7.62	18.22	31.47	-24.92	-7.88	41.75
40	9.26	-29.17	21.33	24.76	-7.48	10.94	32.08	-27.16	-7.37	38.94
41	5.96	-25.78	20.90	26.35	-6.10	5.58	31.45	-28.18	-5.78	36.10
42	5.18	-15.94	17.91	27.88	-4.64	0.77	30.34	-26.89	-5.70	36.05
43	10.22	-4.04	11.72	27.30	-2.39	-1.47	28.84	-20.51	-3.24	29.34
44	19.43	9.20	7.15	23.44	-1.97	-1.86	27.16	-18.13	-1.64	24.47
45	30.31	17.15	0.72	21.44	-2.95	1.92	25.35	-13.93	2.11	21.68
46	30.77	18.96	-1.84	15.70	-4.92	4.29	22.68	-6.75	3.51	17.33
47	26.94	20.27	-3.11	10.89	-6.64	6.26	20.20	-4.57	5.19	13.36
48	22.84	22.52	-5.32	7.98	-12.26	7.36	17.61	3.75	6.07	11.05
49	20.37	20.39	-8.73	5.18	-15.53	8.55	13.12	6.53	6.27	10.54
50	19.48	12.34	-15.07	4.26	-16.53	8.13	10.32	10.10	6.37	8.94

RECORD=S-364 COMPONENT=E-W SIGNAL=GR.ACC. CORSECTION=ZERO.ARC STATION=HIROSHIMA-S
 DATE AND TIME=1968-08-06-01-17 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 4000

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	8.54	-8.85	1.58	33.31	-13.86	5.52	20.17	8.26	11.14	22.08
2	8.03	-8.67	1.19	29.45	-15.20	6.12	18.37	6.83	12.64	20.47
3	4.96	-9.90	0.94	24.51	-16.22	6.52	15.58	-0.25	14.24	17.69
4	-1.13	-13.66	2.63	22.52	-17.73	6.52	12.99	-3.88	13.94	14.31
5	-5.18	-16.18	4.11	20.34	-19.11	6.52	12.19	-6.89	11.94	13.31
6	-8.53	-18.51	5.20	18.06	-20.31	6.82	11.59	-12.90	9.54	11.31
7	-12.99	-21.18	5.89	17.46	-21.26	7.83	11.59	-15.74	7.53	10.61
8	-14.28	-23.48	6.08	16.56	-21.66	10.62	12.09	-16.40	3.79	10.11
9	-13.08	-24.16	4.93	15.36	-20.88	15.62	12.69	-20.99	0.31	10.41
10	-8.28	-23.59	0.27	15.06	-19.68	18.53	13.99	-21.93	-0.78	11.51
11	-5.45	-20.40	-3.39	14.66	-18.54	20.47	14.59	-22.24	-1.26	12.81
12	-2.68	-16.40	-6.85	14.66	-17.96	24.11	15.19	-22.24	-1.13	14.11
13	-1.18	-8.15	-11.80	13.06	-17.49	27.17	15.79	-22.12	2.77	13.81
14	-1.75	-3.48	-12.17	11.96	-16.82	28.39	16.29	-21.64	5.15	12.61
15	-3.66	4.75	-10.27	10.46	-14.82	27.96	16.78	-21.34	6.75	10.91
16	-5.46	7.14	-7.40	8.35	-12.27	27.06	14.98	-21.34	9.74	8.91
17	-7.96	10.71	-4.97	6.55	-10.72	25.96	14.98	-21.34	14.54	8.20
18	-7.76	12.31	-2.62	4.92	-8.62	24.68	12.88	-21.32	17.14	5.99
19	-5.53	12.41	3.02	1.42	-7.22	23.79	10.78	-21.15	18.05	3.39
20	-2.26	10.31	4.99	-0.07	-6.58	23.20	9.28	-20.77	20.45	1.99
21	3.51	7.29	5.28	-1.03	-5.59	22.79	7.87	-20.45	21.64	0.90
22	7.26	4.22	4.73	-0.59	-6.06	22.19	4.55	-19.95	22.00	0.54
23	11.34	-1.16	0.88	0.91	-7.72	21.17	1.97	-19.02	20.48	1.83
24	14.53	-5.53	-2.78	2.60	-12.82	19.33	1.37	-17.83	17.79	3.32
25	17.54	-12.86	-5.95	4.66	-14.70	12.41	0.88	-16.39	12.93	4.41
26	19.15	-16.23	-9.00	5.16	-16.19	9.40	0.89	-16.05	9.02	4.71
27	21.45	-20.04	-9.69	5.56	-17.69	6.46	1.40	-15.88	4.89	5.80
28	22.34	-25.33	-9.20	6.06	-19.80	0.10	2.49	-15.88	0.78	5.90
29	22.52	-28.01	-7.09	6.76	-21.16	-3.28	2.88	-15.41	-1.34	4.76
30	22.01	-30.08	-5.48	8.16	-22.02	-5.07	3.16	-15.99	-3.18	0.01
31	20.59	-32.53	-3.27	9.85	-22.96	-7.91	1.82	-16.75	-3.34	-3.43
32	17.52	-34.74	2.92	10.75	-23.53	-10.19	-0.90	-17.02	-2.47	-6.45
33	14.73	-34.52	5.10	11.45	-23.67	-9.96	-2.98	-15.51	-0.13	-11.58
34	12.05	-32.84	6.79	11.25	-23.51	-8.66	-4.28	-12.64	1.28	-14.09
35	9.72	-26.74	8.48	10.55	-22.48	-7.02	-7.20	-8.83	3.75	-16.04
36	8.12	-17.47	9.88	9.15	-20.64	-5.54	-10.56	-5.43	5.73	-17.09
37	6.21	-6.87	11.88	7.95	-18.93	-0.53	-11.76	-3.28	6.52	-18.66
38	4.69	-0.75	14.68	6.94	-18.85	4.44	-11.97	3.97	8.83	-19.36
39	1.89	5.33	17.78	6.15	-17.76	7.81	-11.83	5.86	8.83	-19.66
40	0.36	7.51	19.39	6.15	-16.64	10.60	-9.77	6.95	14.53	-19.97
41	-1.43	9.90	21.06	6.15	-15.29	15.00	-9.05	8.65	17.13	-20.40
42	-2.66	10.60	26.69	6.15	-13.28	17.91	-7.20	9.55	18.44	-21.19
43	-4.22	11.00	29.39	6.15	-10.05	19.78	-5.65	9.14	20.65	-21.39
44	-4.98	12.00	31.43	6.14	-8.76	22.56	-4.43	7.94	22.48	-20.61
45	-6.44	12.50	34.79	5.53	-6.60	25.07	-2.98	5.73	24.69	-18.97
46	-7.29	12.10	36.83	3.99	-5.45	27.17	2.71	4.13	26.41	-17.55
47	-8.52	9.99	38.01	0.23	-3.28	28.54	5.08	3.25	26.20	-14.60
48	-8.88	8.09	38.16	-3.43	2.35	27.52	6.38	3.76	25.78	-9.73
49	-8.88	6.67	37.30	-6.83	3.64	25.96	7.77	5.16	24.57	-8.91
50	-8.88	3.56	35.88	-11.46	5.02	22.83	8.67	7.16	23.28	-7.85

RECORD-S-364	COMPONENT=E-H	STGNAL=GR.ACC.	CORRECTION=ZERO.ARC	STATION=HIROSHIMA-S	TOTAL NUMBER OF DATA= 4000				
DATE AND TIME=1968-08-06-01-17	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301							
NO.	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	12.36	20.28	-8.36	12.89	-0.185	6.64	12.61	3.99	-3.69
2	-7.19	22.36	-9.22	13.69	-1.14	7.64	14.21	4.09	-2.35
3	-7.07	10.56	-9.62	14.19	-1.35	7.34	14.31	3.99	0.40
4	8.86	23.17	-9.62	14.19	-1.65	7.34	14.31	3.99	2.57
5	-11.23	5.84	-10.01	14.08	-1.65	6.53	14.41	3.98	3.96
6	-13.15	1.42	-10.33	12.69	-2.08	4.41	14.61	3.57	4.86
7	-14.24	-0.89	-10.69	12.39	-3.15	1.29	14.80	1.76	6.06
8	-14.98	-2.58	-10.59	11.89	-3.46	-1.30	12.91	-0.25	6.06
9	-14.56	-3.77	-9.61	11.38	-3.96	-2.41	11.31	-1.87	6.56
10	-12.45	-6.57	-8.67	10.98	-4.38	-0.59	9.71	-3.57	6.66
11	-8.19	-6.93	-7.22	10.78	-5.14	-4.21	8.31	-5.12	7.16
12	-6.63	-6.75	-6.02	10.68	-5.16	-5.19	6.60	-7.22	7.76
13	-5.34	-5.36	-3.17	10.68	-5.56	-5.61	5.20	-8.88	7.76
14	-4.10	-3.69	-1.53	10.88	-6.25	-6.42	4.40	-10.98	8.35
15	-3.84	3.49	0.51	10.88	-6.38	-7.21	4.10	-11.68	8.35
16	-6.23	5.97	0.72	10.68	-6.96	-7.86	3.80	-12.22	9.85
17	-7.95	8.57	1.11	10.48	-6.96	-9.12	3.71	-12.18	10.75
18	-9.73	14.87	1.31	9.68	-7.25	-9.80	3.81	-11.80	10.75
19	-11.90	17.68	1.71	8.48	-7.25	-11.27	4.20	-11.49	10.15
20	-12.65	22.74	2.11	6.48	-7.25	-12.26	4.40	-10.10	8.35
21	-13.77	25.69	2.51	6.38	-7.25	-13.22	4.60	-8.63	7.55
22	-14.94	26.37	2.71	6.08	-6.88	-13.55	4.70	-7.39	6.05
23	-16.40	26.63	3.20	6.38	-5.91	-13.26	4.60	-6.84	4.34
24	-17.51	26.15	3.00	6.88	-5.28	-12.27	4.40	-5.35	1.73
25	-18.57	23.99	2.60	9.18	-3.92	-11.16	3.90	-3.79	0.51
26	-19.09	22.28	2.08	11.08	-3.16	-9.06	3.60	-2.96	-1.60
27	-16.32	19.79	0.88	14.38	-0.92	-7.63	4.10	-0.99	-3.29
28	-17.08	16.34	-0.21	15.88	0.06	-6.87	4.30	0.37	-4.33
29	-14.63	13.95	-0.81	16.28	0.56	-5.10	4.40	0.25	-6.33
30	-9.57	12.15	-1.10	16.98	0.94	-3.50	4.70	-1.04	-7.65
31	-6.76	10.55	-1.09	17.88	0.74	-1.51	5.20	-1.78	-7.65
32	-2.93	8.75	-0.67	18.27	0.22	0.67	5.60	-3.45	-7.65
33	3.70	8.05	0.31	17.96	-1.10	2.94	5.30	-4.00	-7.64
34	5.58	6.85	0.69	16.97	-2.78	4.43	5.30	-5.45	-7.43
35	6.98	6.75	-0.63	16.37	-3.49	5.73	5.19	-5.95	-7.02
36	8.57	7.05	-1.54	16.06	-4.32	7.32	4.99	-6.25	-6.43
37	9.97	8.55	-2.64	14.87	-5.81	10.02	5.00	-6.27	-6.04
38	10.77	8.75	-2.64	13.07	-6.79	11.82	5.20	-6.69	-5.60
39	11.27	9.05	-3.51	12.47	-7.28	12.72	5.69	-6.19	-4.27
40	11.77	9.94	-3.59	10.67	-7.56	13.62	6.39	-5.40	0.40
41	11.47	10.54	-3.13	8.97	-7.18	13.22	6.39	-4.78	3.96
42	0.97	0.34	1.14	7.06	-7.18	13.02	6.79	-3.63	6.34
43	10.87	10.04	3.70	5.36	-6.00	12.42	6.99	-3.45	8.34
44	10.67	9.84	4.70	4.15	-5.01	12.42	6.89	-3.89	11.14
45	10.57	10.44	5.90	2.45	-3.95	12.12	6.59	-5.32	12.54
46	10.87	12.54	6.69	1.05	-1.37	11.91	6.39	-7.07	13.84
47	11.87	14.65	7.29	0.06	1.67	11.91	5.99	-7.54	13.94
48	11.87	16.35	8.19	-0.34	3.65	11.91	5.79	-7.64	13.53
49	12.47	17.16	7.69	-0.64	4.44	12.01	4.79	-7.56	12.53
50	12.77	19.06	10.09	-0.64	5.14	12.41	4.49	-6.29	10.74
		-6.10	12.49	6.04	6.04	12.41	4.88	-5.36	9.14

NO.	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1950)	(1900)	(1950)
1	8.34	-5.69	4.59	-2.26	-6.66	4.41	-6.07	10.26	-4.65	6.41
2	7.13	-5.70	5.69	-2.95	-8.41	4.30	-7.24	10.46	-4.06	5.70
3	6.73	-5.78	6.28	-3.23	-9.09	3.10	-7.71	10.16	-3.88	4.40
4	6.53	-5.48	6.68	-2.82	-9.47	2.00	-7.49	9.76	-4.33	5.60
5	6.33	-5.17	7.68	-2.08	-9.39	0.80	-6.87	10.05	-6.10	2.90
6	6.33	-4.77	6.98	0.49	-8.34	0.19	-5.78	9.85	-6.73	1.40
7	6.33	-4.18	7.68	2.87	-7.85	-0.90	-4.87	9.75	-7.97	0.50
8	6.33	-3.79	5.98	4.16	-7.42	-1.40	-3.41	9.65	-9.71	0.10
9	5.23	-3.65	4.06	4.76	-6.42	-1.80	0.32	9.05	-10.34	-0.09
10	4.32	-2.47	0.96	5.46	-5.32	-2.02	3.38	8.95	-11.17	0.21
11	2.92	-1.65	-0.84	5.95	-3.98	-2.91	4.18	8.45	-11.15	1.51
12	1.91	0.33	-1.74	6.25	-1.32	-3.42	4.88	7.65	-10.52	2.10
13	0.42	1.83	-2.44	6.25	0.97	-4.03	6.18	6.75	-9.74	2.40
14	-0.17	3.81	-3.00	5.85	4.03	-5.11	7.48	5.75	-9.19	2.70
15	-0.37	4.71	-2.31	4.45	4.93	-5.52	8.28	4.05	-7.84	3.30
16	-0.18	6.00	-1.82	3.64	6.93	-5.94	9.07	2.75	-7.23	3.50
17	-0.37	6.40	-1.70	2.44	10.03	-6.95	9.07	2.35	-6.25	4.00
18	-0.37	6.80	-0.93	0.94	12.93	-7.82	8.77	2.15	-5.66	4.80
19	-0.07	7.70	-1.23	0.22	14.53	-8.18	8.17	2.35	-5.27	5.80
20	0.33	7.50	-1.63	-1.90	15.73	-9.46	6.97	2.75	-4.95	6.30
21	0.53	6.30	-1.72	-3.79	16.02	-10.30	6.47	2.65	-4.26	7.00
22	0.93	6.30	-1.60	-4.89	16.01	-11.53	6.47	3.54	-3.63	8.00
23	1.53	4.89	-0.41	-5.87	15.21	-11.81	6.37	2.84	-2.02	8.19
24	2.34	3.79	0.28	-6.25	14.11	-11.94	6.17	2.44	0.93	8.19
25	3.83	2.19	0.99	-6.04	12.12	-12.29	5.97	2.14	1.62	8.09
26	4.33	1.58	2.47	-3.61	11.02	-12.04	4.67	2.15	1.62	8.09
27	5.15	0.47	2.47	-2.33	8.82	-11.23	3.36	2.35	1.31	7.59
28	6.33	-1.03	2.47	-1.51	6.82	-9.11	2.17	2.45	0.31	8.09
29	8.72	-2.44	2.27	0.26	4.42	-7.76	2.17	3.54	-0.20	9.49
30	10.92	-3.74	2.27	0.96	3.51	-6.76	2.17	4.04	-1.51	10.69
31	11.72	-4.84	2.17	2.26	2.12	-3.72	2.17	4.14	-3.10	11.79
32	11.92	-5.72	1.97	3.55	2.12	-0.96	2.47	4.14	-3.94	12.59
33	11.72	-6.08	1.97	4.25	2.12	1.61	2.97	3.64	-5.71	12.19
34	9.92	-5.55	2.27	4.95	2.42	3.00	2.86	2.83	-6.31	11.59
35	8.72	-4.24	2.27	5.94	3.42	3.99	1.86	1.86	-7.25	10.49
36	6.81	-2.34	2.57	6.24	4.12	4.69	1.86	1.33	-7.25	10.19
37	4.60	0.10	2.47	6.24	4.62	5.69	-1.86	0.11	-6.55	9.89
38	1.89	0.80	2.36	6.24	5.82	6.19	-2.96	-2.36	-5.60	9.39
39	-0.80	1.21	2.16	5.63	6.21	7.39	-3.84	-2.06	-3.40	8.59
40	-1.72	2.30	2.16	1.92	6.21	8.19	-4.02	-2.08	-0.06	8.09
41	-3.20	3.00	2.17	-0.27	6.01	8.79	-3.24	-3.08	2.12	7.59
42	-3.83	3.69	2.37	-0.87	5.91	9.49	0.38	-3.57	4.01	7.39
43	-5.10	4.29	3.06	-1.06	5.61	9.49	2.17	-3.89	4.91	6.68
44	-5.40	4.29	3.06	-1.06	5.81	8.59	3.57	-4.60	6.11	6.48
45	-5.59	4.19	2.86	-1.07	5.51	8.19	4.76	-5.67	7.51	6.48
46	-5.59	3.78	2.36	-1.17	5.61	6.18	6.16	-5.89	8.11	6.48
47	-5.59	2.98	1.95	-1.68	5.01	2.67	7.76	-6.34	8.31	6.68
48	-5.69	2.79	1.14	-2.22	5.01	-0.26	8.26	-5.86	8.31	7.38
49	-5.69	3.49	-0.26	-4.51	5.01	-0.25	8.76	-5.75	8.11	7.88
50	-5.74	3.99	-1.65	-5.61	5.01	-4.47	9.96	-5.25	7.71	8.08

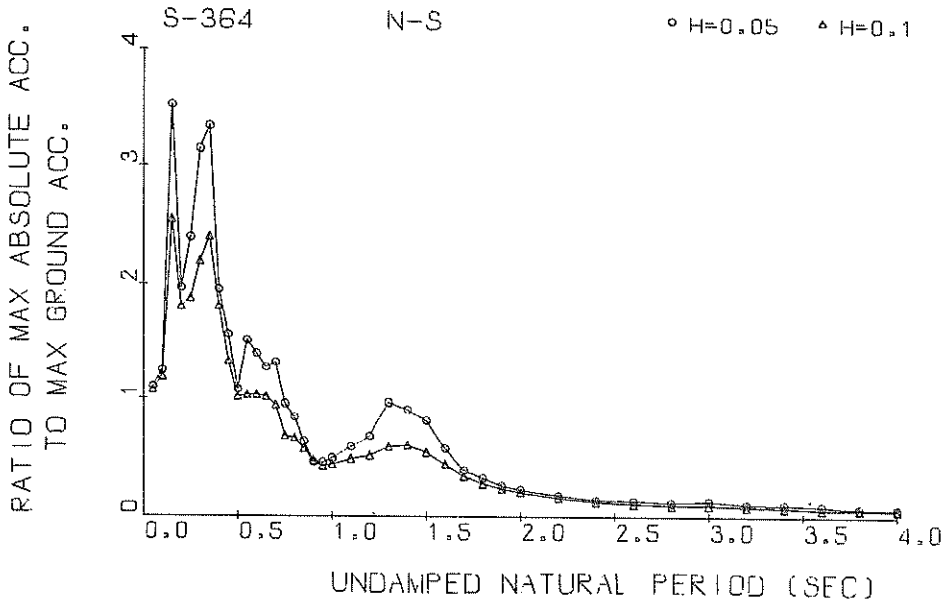
RECORD=S-164 COMPONENT=E-H SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=HIROSHIMA-S
 DATA ANU TIME=1968-08-06-01-17 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 4001

RECORD=S-364
 DATE AND TIME=1968-08-06-01-17
 COMPONENT=E-N
 SIGNAL=GR.ACC.
 CORRECTION=ZERO ARC
 STATION=HIROSHIMA-S
 TOTAL NUMBER OF DATA= 4000
 SAMPLING INTERVAL= 0.010(SEC)
 FORMAT NO.=301

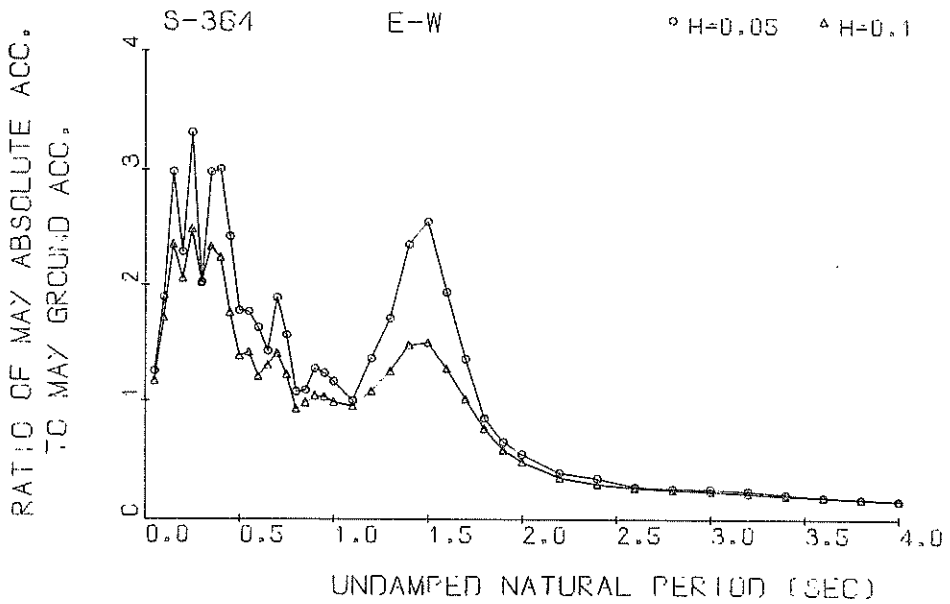
NO.	(2000)	(2050)	(2100)	(2150)	(2200)	(2250)	(2300)	(2350)	(2400)	(2450)
1	8.08	-5.92	-0.08	2.01	0.27	10.15	7.93	3.80	3.48	-5.94
2	7.98	-5.21	-0.97	2.61	-0.44	9.95	7.53	3.90	3.88	-5.75
3	7.38	-4.03	-0.47	3.90	-2.03	9.95	6.43	3.90	3.88	-3.64
4	6.08	-3.61	0.04	4.50	-2.44	9.55	5.83	4.20	3.88	-3.34
5	4.67	-2.34	0.74	4.90	-3.23	9.35	2.32	4.60	4.27	-2.92
6	2.27	-1.75	2.03	5.60	-3.63	8.75	0.51	5.10	4.57	-1.24
7	1.36	-1.75	2.93	5.90	-4.03	8.55	-1.40	5.90	5.37	-0.15
8	-1.23	-1.96	3.53	5.60	-4.13	8.25	-3.69	6.10	5.37	-0.15
9	-1.94	-2.36	4.03	4.20	-4.33	8.05	-4.21	7.40	5.27	0.05
10	-3.04	-3.07	4.23	3.59	-4.42	7.95	-5.48	8.20	5.27	0.65
11	-3.60	-3.96	4.22	0.58	-4.32	7.85	-5.58	9.40	4.57	1.84
12	-2.43	-4.29	4.22	-1.43	-3.91	7.65	-5.58	10.10	4.17	1.44
13	2.08	-5.66	4.22	-3.42	-3.12	7.45	-5.58	11.20	3.87	0.64
14	3.58	-6.00	4.32	-4.45	-2.61	6.85	-5.58	11.59	3.77	0.44
15	4.07	-7.19	4.62	-6.17	-0.81	6.35	-5.58	11.29	3.47	-0.06
16	4.68	-8.05	5.42	-8.10	-0.32	5.95	-5.58	10.59	3.77	-0.16
17	5.97	-9.93	5.82	-10.13	0.58	5.84	-5.59	9.99	3.87	-0.58
18	6.07	-11.20	6.22	-12.16	1.97	5.34	-5.80	9.39	3.87	-1.46
19	6.27	-11.79	7.62	-14.14	2.57	4.54	-6.30	8.19	4.37	-1.97
20	6.27	-12.32	8.22	-15.47	3.37	3.64	-6.78	7.49	4.37	-2.67
21	6.07	-13.02	9.42	-16.05	3.97	2.84	-6.80	6.09	4.37	-3.46
22	5.37	-12.60	10.02	-16.45	4.07	1.94	-7.28	4.09	4.47	-3.46
23	4.17	-11.81	10.62	-16.88	4.57	1.44	-7.28	4.09	4.47	-3.77
24	2.96	-9.92	12.03	-17.44	5.87	0.24	-7.14	0.69	4.47	-4.16
25	1.86	-7.92	13.92	-17.75	6.97	-0.48	-6.06	-2.43	4.46	-4.16
26	-0.05	-7.10	14.53	-18.02	6.67	-2.68	-5.17	-3.83	4.46	-4.05
27	-1.45	-5.82	15.72	-18.19	7.97	-4.07	-4.57	-4.66	4.46	-3.75
28	-2.57	-2.09	15.82	-18.70	8.17	-4.39	-4.09	-4.66	4.46	-3.37
29	-4.38	1.46	16.33	-18.53	8.57	-5.69	-4.08	-6.76	4.46	-3.67
30	-5.76	3.84	17.10	-17.83	9.56	-6.51	-3.89	-8.16	4.46	-3.97
31	-6.39	4.54	16.50	-16.34	9.96	-7.88	-3.86	-9.23	4.46	-4.39
32	-7.66	5.84	15.80	-14.00	9.96	-8.18	-2.78	-9.51	4.26	-4.39
33	-8.23	6.84	14.90	-11.74	9.46	-8.56	-2.06	-9.51	3.86	-5.68
34	-9.96	8.04	13.91	-9.39	8.76	-8.44	-0.37	-9.47	2.46	-6.17
35	-10.25	8.74	13.69	-7.37	8.36	-8.05	1.91	-8.70	2.46	-6.36
36	-10.45	10.74	11.71	-6.37	8.06	-7.71	2.71	-8.30	2.46	-6.56
37	-10.64	11.54	10.71	-5.27	7.96	-6.54	3.91	-7.89	1.96	-6.12
38	-10.64	12.04	10.01	-3.95	7.86	-5.72	4.71	-7.28	1.96	-6.12
39	-10.62	12.23	9.91	-3.19	7.56	-4.71	5.31	-6.24	1.55	-4.40
40	-10.43	12.04	9.61	-0.60	6.86	-2.00	4.81	-3.84	0.25	-1.24
41	-10.31	12.03	8.11	1.99	6.86	1.64	4.31	-0.21	-0.56	1.63
42	-9.93	10.93	7.71	3.58	6.86	3.53	3.81	-0.21	-1.95	2.23
43	-9.33	10.23	6.21	4.28	7.56	3.93	3.81	-2.76	-2.76	3.63
44	-9.72	9.63	4.81	4.58	7.96	4.33	2.81	-3.54	-3.54	4.23
45	-9.39	8.23	4.00	4.58	7.96	4.33	2.50	-3.88	-3.88	5.13
46	-8.64	6.73	2.10	4.38	8.26	5.53	2.21	-4.08	-3.95	5.83
47	-8.63	4.93	1.40	3.98	9.96	5.93	2.20	-4.08	-3.95	6.23
48	-8.32	2.73	0.90	3.58	10.46	6.23	2.20	-4.08	-3.95	6.63
49	-7.90	1.72	0.81	3.58	10.85	7.33	2.30	-3.88	-3.95	7.63
50	-7.09	0.33	1.41	1.37	10.55	7.93	3.30	-3.88	-3.95	8.13
								3.48	-3.95	8.53

RECORD=S-364 COMPONENTSE-W SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=HIROSHIMA-S
DATE AND TIME=1968-08-06-01-17 SAMPLING INTERVAL# 0.010(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA= 4000

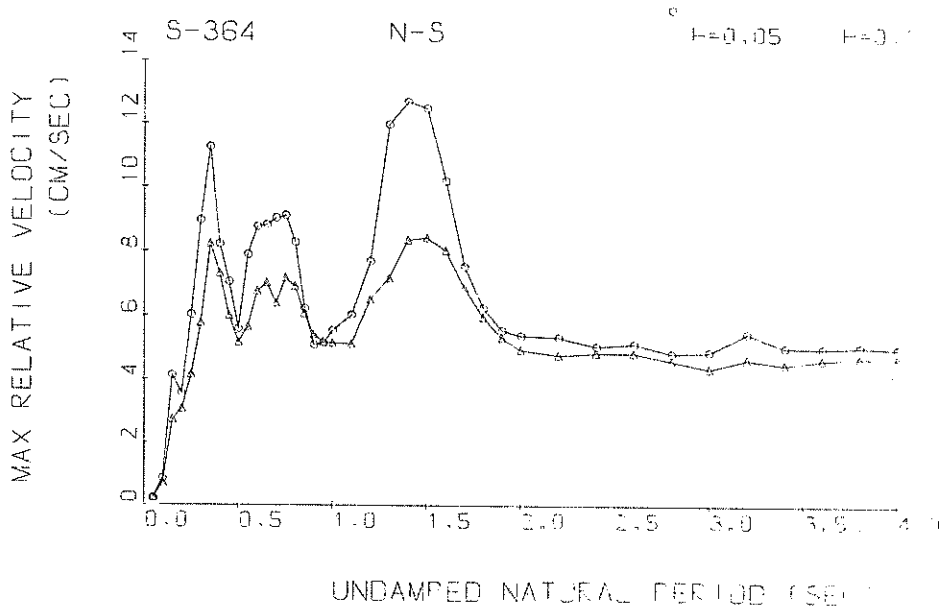
NO.	(2500)	(2550)	(2600)	(2650)	(2700)	(2750)	(2800)	(2850)	(2900)	(2950)
1	8.32	4.40	-4.12	0.54	9.32	-6.07	3.67	-2.86	-3.57	0.29
2	7.82	5.20	-3.80	-0.46	9.32	-4.67	3.67	-3.96	-2.67	-0.41
3	7.22	6.40	-2.52	-2.27	9.22	-3.88	3.67	-4.36	-1.48	-0.91
4	6.02	7.20	-2.03	-4.06	9.32	-2.08	3.87	-4.45	-0.88	-1.71
5	5.32	8.00	-2.23	-4.25	9.52	-0.29	3.87	-4.46	-0.37	-2.21
6	3.82	8.00	-2.64	-4.25	8.62	1.70	3.87	-4.86	1.02	-2.41
7	2.62	8.00	-3.84	-3.95	7.92	3.20	3.87	-4.86	1.42	-2.41
8	1.82	8.00	-4.35	-3.53	7.52	3.19	3.67	-4.86	1.22	-2.39
9	1.42	7.80	-5.45	-2.04	5.92	3.49	3.67	-4.86	3.62	-0.40
10	1.32	7.70	-6.24	-0.84	3.92	3.69	3.47	-4.86	4.22	0.99
11	1.32	7.80	-6.44	1.14	1.72	3.79	1.97	-4.86	5.22	1.89
12	1.22	7.79	-6.75	1.15	0.51	3.79	1.67	-4.75	5.62	3.19
13	0.62	7.79	-7.43	1.64	-0.29	3.69	1.67	-4.46	5.92	3.69
14	0.52	7.99	-7.54	1.64	-0.89	3.69	-0.34	-4.36	7.02	3.69
15	0.52	8.69	-7.83	1.74	-2.19	3.49	-0.94	-4.25	7.21	4.09
16	0.52	9.39	-7.83	2.24	-2.60	3.49	-2.14	-3.64	7.21	5.09
17	0.32	9.79	-7.83	2.94	-3.59	3.49	-2.34	-2.36	7.11	5.59
18	0.32	9.79	-7.82	3.74	-4.19	3.69	-2.34	-1.76	6.41	5.59
19	0.32	9.59	-7.41	4.94	-4.29	3.89	-2.44	-1.56	5.61	5.49
20	0.52	8.39	-6.72	5.74	-4.50	5.19	-2.54	-0.76	4.51	4.99
21	1.12	7.79	-6.53	5.74	-5.40	5.69	-2.44	-0.76	3.61	3.69
22	1.62	7.69	-6.12	6.14	-5.80	5.89	-2.54	-0.36	1.91	2.89
23	1.92	6.59	-5.62	5.94	-6.29	5.69	-2.33	-0.36	1.61	3.69
24	2.31	5.99	-4.93	5.74	-6.30	5.29	-1.84	-0.36	1.61	1.88
25	2.11	5.39	-4.43	5.54	-6.59	3.89	-1.53	-0.06	1.31	1.58
26	1.81	4.69	-4.23	4.54	-6.58	3.18	-0.44	0.03	0.91	1.28
27	1.81	3.79	-3.81	4.04	-6.29	1.69	-0.24	0.03	0.31	0.88
28	2.11	3.59	-2.22	3.33	-6.18	1.68	0.27	0.03	-0.19	0.48
29	1.91	2.98	-0.93	2.33	-5.67	1.28	2.26	0.23	-0.39	0.48
30	1.91	1.78	0.06	1.83	-4.88	1.28	3.66	0.23	-0.39	0.28
31	1.81	0.68	0.47	1.53	-4.07	1.28	5.66	0.23	-0.39	0.08
32	1.71	-0.02	2.16	0.43	-2.88	1.38	6.26	0.23	-0.49	-0.22
33	1.21	-0.12	3.56	-0.17	-2.29	1.68	7.36	0.23	-0.49	-0.22
34	0.41	-0.22	4.36	-0.37	-2.00	1.88	7.66	0.23	-0.39	-0.22
35	-0.10	-0.62	4.66	-0.87	-2.29	2.18	7.76	0.23	0.91	-0.42
36	-0.70	-1.32	5.86	-1.67	-2.50	2.58	7.76	-0.07	1.61	-0.42
37	-2.00	-1.62	6.96	-1.67	-2.91	3.38	7.85	-0.28	2.50	-0.42
38	-2.20	-2.02	7.76	-1.66	-4.50	3.68	7.65	-1.48	3.50	-0.42
39	-2.40	-2.22	8.66	-0.87	-4.72	3.68	7.45	-2.38	3.60	-0.22
40	-2.79	-2.52	9.16	-0.36	-5.81	4.18	7.05	-3.78	4.00	-0.22
41	-2.49	-2.93	9.75	1.93	-6.51	4.08	5.65	-4.69	4.20	3.48
42	-2.20	-3.32	9.75	2.33	-6.73	4.18	5.35	-5.48	4.10	1.18
43	-2.18	-3.32	9.45	4.03	-7.90	4.28	4.05	-5.78	3.80	1.68
44	-0.79	-3.33	9.05	5.23	-8.00	4.28	3.25	-6.07	3.60	2.37
45	-0.40	-3.72	8.35	5.73	-8.11	4.28	2.45	-6.07	3.00	2.37
46	-0.19	-3.63	8.05	6.58	-8.30	4.08	1.85	-5.66	2.00	2.37
47	0.31	-4.13	7.35	7.73	-8.30	3.87	1.65	-4.97	1.60	2.47
48	1.31	-4.22	6.35	7.73	-8.29	3.67	0.04	-4.67	1.60	2.47
49	3.60	-4.22	5.25	8.13	-8.05	3.67	-1.46	-4.37	1.40	2.47
50	3.90	-4.22	2.15	8.53	-6.59	3.67	-2.36	-4.07	1.00	2.97



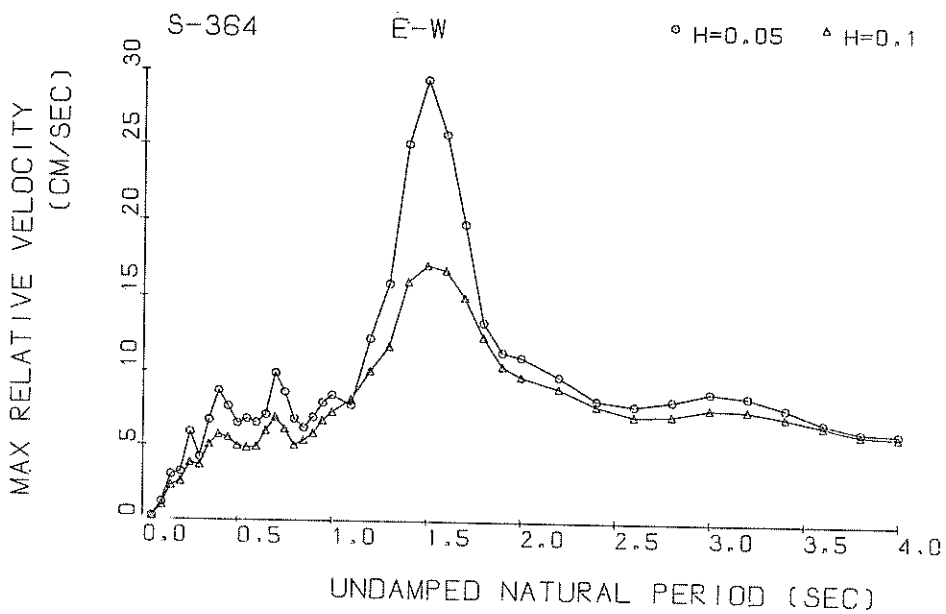
Response Spectra



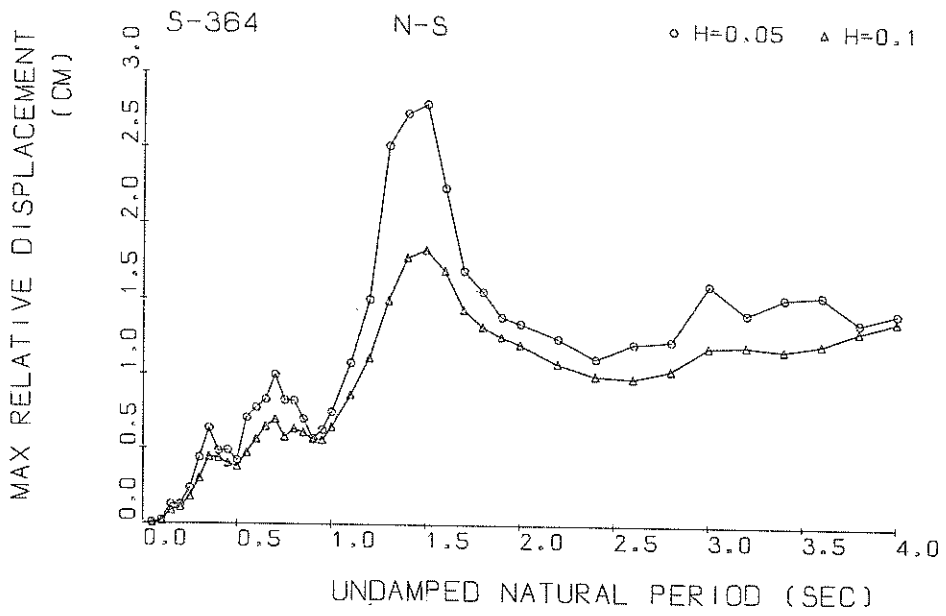
Response Spectra



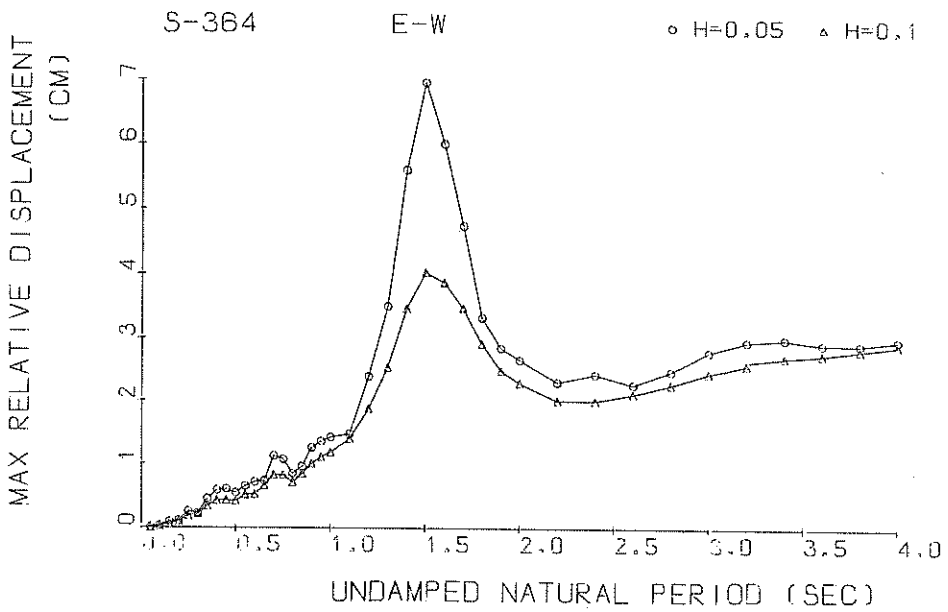
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-364 N-S 1968-08-06-01-1/ BUNGOSUIDO
 STATION = HIRUSHIMA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 61.21(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.109	67.91	25.98	0.227	0.0045
0.100	1.248	76.39	44.86	0.845	0.0194
0.150	3.518	215.36	163.57	4.122	0.1225
0.200	1.965	120.31	105.74	3.555	0.1214
0.250	2.394	146.57	150.78	6.017	0.2320
0.300	3.141	192.29	190.48	8.969	0.4372
0.350	3.338	204.36	215.39	11.249	0.6328
0.400	1.950	119.38	149.97	8.208	0.4805
0.450	1.760	95.52	126.87	7.047	0.4856
0.500	1.084	66.35	86.71	5.574	0.4180
0.550	1.711	92.52	109.71	7.891	0.7056
0.600	1.400	85.71	104.63	8.757	0.7770
0.650	1.277	78.15	104.01	8.821	0.8318
0.700	1.020	80.82	114.14	9.028	0.9971
0.750	0.954	58.42	91.35	9.115	0.8270
0.800	0.838	51.32	95.87	8.281	0.8251
0.850	0.632	38.67	84.56	6.225	0.7010
0.900	0.456	27.90	77.79	5.081	0.5694
0.950	0.450	27.56	77.62	5.136	0.6263
1.000	0.485	29.71	77.04	5.529	0.7472
1.100	0.780	35.53	75.17	6.022	1.0796
1.200	0.675	41.33	72.94	7.692	1.4999
1.300	0.965	59.08	70.76	11.965	2.5168
1.400	0.903	55.29	68.81	12.676	2.7329
1.500	0.806	49.31	67.16	12.465	2.7954
1.600	0.768	34.77	65.79	10.168	2.2369
1.700	0.680	23.29	64.68	7.513	1.6906
1.800	0.512	19.07	66.79	6.228	1.5543
1.900	0.251	15.35	63.07	5.523	1.3903
2.000	0.219	13.41	62.50	5.354	1.3469
2.200	0.168	10.28	61.68	5.311	1.2479
2.400	0.126	7.71	61.17	5.021	1.1160
2.600	0.119	7.28	60.85	5.099	1.2162
2.800	0.104	6.34	60.66	4.795	1.2378
3.000	0.117	7.15	60.54	4.847	1.6107
3.200	0.092	5.65	60.48	5.432	1.4253
3.400	0.087	5.35	60.46	4.992	1.5299
3.600	0.078	4.77	60.45	4.960	1.5522
3.800	0.062	3.81	60.46	5.001	1.6747
4.000	0.059	3.60	60.48	4.946	1.4397

RESPONSE SPECTRUM

RECORD = S-364 N-S 1968-08-06-01-17 BUNGOSUIDO
 STATION = HIROSHIMA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 61.21(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.079	66.04	22.21	0.209	0.0042
0.100	1.192	72.98	34.96	0.670	0.0184
0.150	2.244	155.72	106.92	2.679	0.0865
0.200	1.811	110.85	96.74	6.014	0.1109
0.250	1.881	115.11	98.69	4.104	0.1791
0.300	2.196	164.44	121.86	5.715	0.3021
0.350	2.402	147.04	156.12	8.188	0.4482
0.400	1.814	111.04	169.68	7.266	0.4404
0.450	1.631	81.49	112.08	5.954	0.4057
0.500	1.019	62.66	92.96	5.126	0.6829
0.550	1.034	66.61	92.90	5.612	0.4740
0.600	1.036	66.43	82.61	6.724	0.5676
0.650	1.022	62.54	90.91	6.985	0.6524
0.700	0.949	58.10	90.76	6.649	0.6995
0.750	0.886	42.02	79.54	7.169	0.5816
0.800	0.865	40.71	86.19	6.881	0.6358
0.850	0.570	34.89	79.08	6.066	0.6106
0.900	0.476	28.93	74.89	5.679	0.5656
0.950	0.422	25.85	74.95	5.154	0.5616
1.000	0.438	26.83	74.66	5.111	0.6499
1.100	0.486	29.57	76.46	5.084	0.8697
1.200	0.512	31.62	71.79	6.476	1.1174
1.300	0.584	35.74	70.08	7.141	1.4999
1.400	0.600	36.70	68.49	8.666	1.7808
1.500	0.538	32.95	67.09	8.402	1.8328
1.600	0.442	27.04	65.90	7.994	1.6977
1.700	0.536	20.41	64.91	6.842	1.4466
1.800	0.275	16.83	64.08	5.962	1.6344
1.900	0.236	14.42	66.41	5.278	1.2658
2.000	0.205	12.57	62.86	4.909	1.2166
2.200	0.156	9.64	62.04	4.742	1.0896
2.400	0.116	7.11	61.51	4.809	1.0096
2.600	0.102	6.27	61.15	4.805	0.9935
2.800	0.096	5.68	60.92	4.565	1.0472
3.000	0.092	5.65	60.77	4.619	1.2056
3.200	0.085	5.09	60.68	4.604	1.2155
3.400	0.074	4.52	60.66	4.465	1.1892
3.600	0.066	3.86	60.60	4.589	1.2288
3.800	0.061	3.73	60.59	4.649	1.6171
4.000	0.058	3.57	60.59	4.661	1.6887

RESPONSE SPECTRUM

RECORD = S-364 E-W 1968-08-06-U1-1/ BUNGOSUIDO
 STATION = HIRUSHIMA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 62.57(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.080	67.58	22.44	0.272	0.0046
0.100	1.595	99.81	58.59	1.096	0.0251
0.150	2.131	166.35	106.20	3.112	0.0761
0.200	1.986	124.08	96.49	6.262	0.1260
0.250	2.419	151.37	149.26	5.956	0.2385
0.300	1.617	101.15	102.69	4.186	0.2288
0.350	2.222	169.00	120.79	6.866	0.4601
0.400	2.411	150.86	146.75	8.685	0.6102
0.450	2.076	129.71	124.60	7.674	0.6628
0.500	1.433	89.66	98.79	6.554	0.5658
0.550	1.614	82.20	85.30	6.821	0.6267
0.600	1.115	69.75	77.58	6.586	0.6336
0.650	1.152	72.08	81.58	7.000	0.7670
0.700	1.621	82.65	97.60	9.979	1.0210
0.750	1.256	78.61	89.22	8.701	1.1138
0.800	0.996	62.13	79.70	6.610	1.0030
0.850	1.001	62.63	75.29	7.614	1.1416
0.900	0.996	62.15	70.76	7.624	1.2712
0.950	0.976	60.86	67.77	7.824	1.3879
1.000	0.946	59.17	61.26	8.641	1.4935
1.100	0.988	61.81	58.44	8.616	1.8864
1.200	1.174	73.48	76.66	12.145	2.6722
1.300	1.472	92.10	82.46	15.751	3.9259
1.400	1.964	122.86	115.60	25.260	6.0706
1.500	2.037	127.44	166.51	29.066	7.2249
1.600	1.609	100.70	115.81	25.617	6.4922
1.700	1.142	71.46	88.74	20.496	5.2127
1.800	0.866	54.19	81.78	14.287	4.4212
1.900	0.700	43.78	76.68	10.426	3.9701
2.000	0.544	34.05	64.10	9.550	3.4182
2.200	0.456	28.63	56.65	10.048	3.4415
2.400	0.456	28.63	56.74	10.560	4.0938
2.600	0.452	28.27	56.75	10.760	4.7942
2.800	0.448	28.04	56.54	10.640	5.5155
3.000	0.441	27.61	56.22	10.264	6.2470
3.200	0.436	27.07	55.46	9.646	6.9961
3.400	0.427	26.74	54.62	11.151	7.7986
3.600	0.421	26.64	56.70	12.066	8.5909
3.800	0.412	25.80	52.72	12.005	9.6687
4.000	0.402	25.16	56.14	11.157	10.1496

RESPONSE SPECTRUM

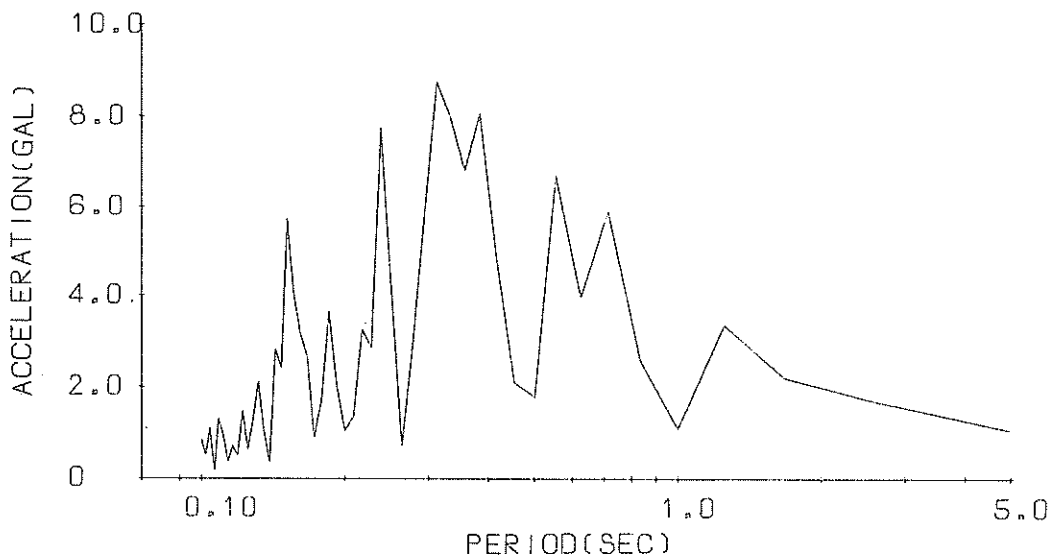
RECORD = S-364 E-W 1968-08-06-01-1/ BUNGOSUIDO
 STATION = HIRUSHIMA-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 28.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 62.57(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.052	65.80	18.88	0.249	0.0042
0.100	1.204	94.10	56.64	0.920	0.0235
0.150	1.720	107.62	106.54	2.674	0.0604
0.200	1.816	113.62	80.28	2.577	0.1137
0.250	1.807	113.07	101.67	6.805	0.1756
0.300	1.680	86.64	91.20	6.647	0.1936
0.350	1.577	98.67	92.75	5.081	0.3015
0.400	1.571	98.30	90.32	5.764	0.3915
0.450	1.481	92.64	87.89	5.569	0.4675
0.500	1.135	71.03	86.22	4.946	0.4405
0.550	0.886	55.22	75.04	4.825	0.4149
0.600	0.906	56.48	69.64	4.886	0.5034
0.650	0.925	57.84	67.64	5.986	0.6050
0.700	0.934	58.43	74.11	6.897	0.7179
0.750	0.921	57.63	71.21	6.122	0.8098
0.800	0.867	54.26	67.65	5.277	0.8659
0.850	0.886	55.46	65.20	5.956	0.9981
0.900	0.878	54.95	59.96	6.220	1.1112
0.950	0.858	56.71	59.18	6.707	1.2155
1.000	0.840	52.52	55.74	7.260	1.6135
1.100	0.824	51.53	50.98	8.116	1.5536
1.200	0.932	58.60	62.76	10.040	2.1040
1.300	1.126	70.46	69.61	11.695	2.9649
1.400	1.299	81.28	79.01	16.020	3.9589
1.500	1.297	81.17	88.41	16.997	4.5348
1.600	1.156	72.14	88.16	16.746	4.5656
1.700	0.891	55.77	70.91	15.160	3.9857
1.800	0.711	44.48	69.47	12.522	3.5505
1.900	0.612	38.60	66.16	10.156	3.6978
2.000	0.516	32.07	61.07	8.878	3.1388
2.200	0.449	28.09	55.91	9.218	3.6426
2.400	0.446	27.93	55.94	9.669	3.9444
2.600	0.446	27.72	55.90	9.826	4.5857
2.800	0.438	27.41	55.70	9.741	5.2454
3.000	0.430	26.93	55.61	9.419	5.9148
3.200	0.421	26.61	54.76	8.881	6.5986
3.400	0.409	25.60	54.08	9.421	7.6339
3.600	0.400	25.01	56.30	10.066	8.0668
3.800	0.393	24.58	52.46	10.068	8.7855
4.000	0.384	24.05	52.61	9.768	9.5025

S-384 N-S

TSK=0.00

TUS=5.00

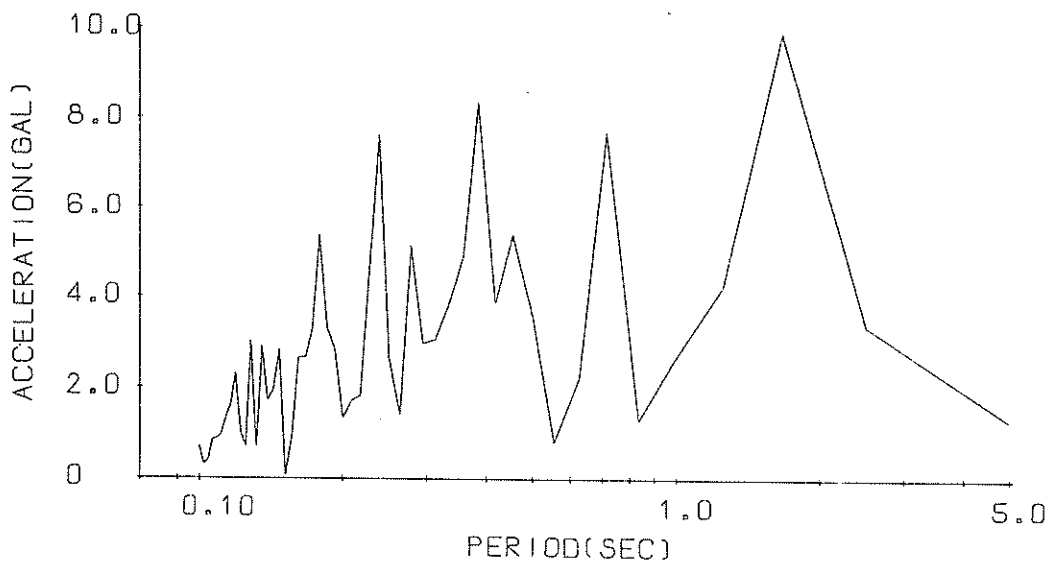


Fourier Spectrum

S-384 E-W

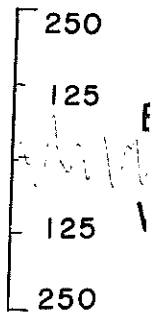
TSK=0.00

TUS=5.00

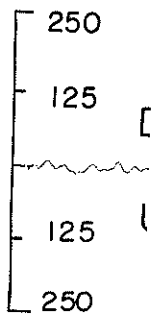


Fourier Spectrum

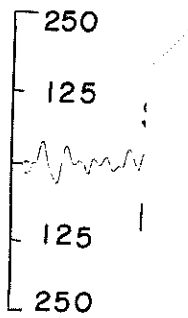
gal



gal



gal



RECORD=S-369
 DATE AND TIME=1968-08-07-17-00
 COMPONENT=N-S
 SIGNAL=GR.ACC.
 SAMPLING INTERVAL= 0.010(SEC)
 CORRECTIONS=APC.ERR.
 FORMAT NO.=301
 STATION=KUSHIRO-S
 TOTAL NUMBER OF DATA= 2950

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.10	-16.80	-14.49	21.41	11.22	11.75	5.79	5.19	-6.99	-11.19
2	-3.91	-20.26	-3.99	22.55	1.30	9.96	3.80	4.30	-6.39	-14.55
3	-7.36	-24.24	0.10	23.74	-5.55	8.19	3.20	3.50	-4.99	-20.07
4	17.63	-26.56	5.31	23.15	-13.44	7.56	3.70	3.50	-3.90	-22.07
5	12.30	-30.85	6.99	21.80	-22.06	6.30	4.71	3.60	-3.79	-23.50
6	9.20	-33.14	6.29	19.65	-25.30	5.91	5.90	3.90	-0.20	-23.50
7	3.79	-33.67	5.30	15.68	-25.93	7.90	5.90	3.90	3.62	-23.30
8	0.20	-33.75	4.99	13.52	-25.76	7.93	6.08	4.00	9.35	-21.52
9	-1.10	-32.27	3.89	11.50	-22.61	9.99	3.99	4.00	12.25	-18.64
10	-7.23	-28.09	2.30	7.99	-13.50	14.07	1.40	4.00	13.90	-14.11
11	-9.65	-23.93	1.20	8.89	-3.89	18.18	-0.00	4.20	13.90	-11.94
12	-12.15	-15.46	-0.00	0.00	21.94	4.40	-2.71	13.82	13.82	-9.80
13	-13.82	-10.87	-0.30	3.91	22.54	3.99	-5.92	3.99	11.99	-4.98
14	-14.25	-2.29	-1.50	7.11	24.56	8.62	-8.62	2.00	8.94	-1.70
15	-15.46	3.92	-2.30	7.70	24.74	1.00	-9.73	5.18	5.18	0.00
16	-16.57	10.61	-3.40	7.89	22.67	1.00	-11.34	2.00	2.00	1.90
17	-17.72	15.55	-2.99	-6.94	19.62	6.49	-12.77	-0.00	-0.00	1.90
18	-18.03	22.33	-0.10	-1.40	15.33	15.33	-14.73	-5.90	-1.00	1.90
19	-18.43	25.28	1.30	0.00	9.78	-17.42	-17.42	-1.00	1.00	1.90
20	-17.52	26.39	5.32	9.25	1.10	3.99	-19.18	-5.88	-3.30	-1.30
21	-16.28	26.15	8.01	12.02	-0.60	1.80	-18.92	-3.60	-3.30	-6.73
22	-14.15	25.05	9.02	15.90	7.50	1.30	-17.93	-3.10	-1.90	-10.00
23	-10.60	22.81	9.89	15.89	-2.10	-0.70	-16.88	-2.50	1.91	-10.00
24	-6.47	17.89	9.37	15.71	-6.01	-3.92	-14.91	8.45	-9.86	-9.86
25	-3.60	14.85	7.84	13.88	-9.78	-9.78	-12.89	11.81	-7.93	-7.93
26	-1.90	9.80	3.59	10.76	-7.90	-13.89	-9.88	-6.73	15.61	-2.50
27	-1.10	4.98	-0.00	1.50	-7.90	-16.24	-4.19	-10.17	19.50	-1.40
28	-1.10	1.60	-1.40	-3.93	-8.11	-22.26	-1.89	-13.57	19.40	0.00
29	-1.30	0.20	-4.41	-13.70	-8.53	-25.49	5.93	-20.27	18.26	4.71
30	-1.30	-0.30	-7.93	-23.71	-10.73	-27.21	9.35	-22.20	17.67	7.00
31	0.00	-1.90	-9.91	-28.50	-11.98	-31.10	12.25	-23.90	15.66	7.00
32	6.43	-1.90	-10.23	-34.30	-14.63	-35.86	13.90	-23.90	13.00	7.00
33	10.22	-1.50	-11.41	-36.62	-15.29	-36.76	13.97	-23.85	10.13	6.99
34	15.97	0.	-11.87	-37.96	-14.85	-38.53	15.76	-23.21	6.95	5.87
35	22.71	0.00	-10.96	-36.16	-11.59	-40.11	18.67	-20.67	2.30	2.10
36	26.90	1.90	-9.36	-29.80	-40.19	-40.19	19.63	-17.22	1.20	-0.00
37	32.24	3.00	-6.97	-23.37	-38.98	-38.98	18.98	-14.45	0.00	-0.30
38	33.80	3.60	-4.10	-19.08	-15.33	-35.09	19.68	-13.11	0.20	-3.91
39	33.75	2.20	-3.70	-19.78	-11.00	-26.85	18.23	-5.69	0.20	-3.91
40	33.02	1.90	-11.06	-20.61	-20.45	-20.45	15.84	-4.00	1.30	-8.42
41	29.96	1.40	-3.70	-5.87	-13.63	-13.63	12.93	-3.40	1.93	-9.93
42	24.31	1.00	-3.90	-7.04	-7.04	-7.04	10.92	-3.71	3.90	-11.53
43	17.76	-0.00	-4.30	3.82	-1.20	-1.20	7.98	-5.72	3.90	-12.62
44	11.53	-0.10	-5.10	10.08	17.50	5.91	6.30	-7.93	3.90	-13.10
45	5.55	-3.51	-4.99	18.15	15.95	7.83	5.90	-9.92	3.90	-13.07
46	-1.20	-9.16	-3.79	21.65	14.92	9.90	5.90	-10.71	3.69	-12.26
47	-5.84	-12.34	-1.90	23.90	13.37	9.90	5.80	-11.10	1.90	-11.03
48	-11.55	-15.50	0.00	23.84	12.50	9.89	5.90	-10.97	-1.00	-8.43
49	-13.23	-15.92	10.11	22.71	12.40	9.38	5.80	-9.76	-1.73	-4.40
50	-14.01	-16.23	19.56	12.28	8.17	5.40	5.40	-7.99	-4.33	-3.49

NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	-0.40	7.85	-3.20	4.51	2.70	0.00	-2.40	-2.30	1.90	-5.90
2	1.70	3.80	-2.70	5.90	1.10	1.10	-3.70	-3.20	1.90	-6.20
3	7.73	2.20	-2.40	5.90	-0.00	3.50	-3.90	-4.20	1.90	-6.60
4	10.32	-1.50	-1.70	5.90	2.00	5.20	-4.30	-5.41	1.90	-6.70
5	11.32	-7.53	-1.20	5.59	5.21	5.19	-4.80	-6.41	1.10	-7.10
6	11.90	-9.90	1.20	3.90	6.20	3.89	-4.80	-7.90	1.10	-7.10
7	11.88	-10.00	4.31	3.00	6.20	2.20	-4.30	-7.89	0.30	-7.40
8	11.25	-9.94	7.50	2.10	6.50	0.40	-4.80	-7.26	-0.00	-7.39
9	9.33	-8.20	7.91	1.30	6.50	-0.10	-4.30	-7.90	-1.20	-6.18
10	5.90	-7.90	8.60	1.00	6.50	1.90	-4.80	-3.20	-3.00	-3.90
11	5.70	-7.65	8.60	0.20	6.49	7.23	-3.90	-1.10	4.30	-3.10
12	5.70	-4.10	8.59	0.10	5.89	-9.70	-3.39	1.30	-4.30	-1.40
13	5.60	-3.40	7.97	0.	4.09	-9.70	-0.40	3.91	-4.30	0.60
14	5.90	-2.80	5.88	-0.00	2.20	-9.69	2.20	5.90	-3.70	2.30
15	6.00	-1.10	3.30	-0.10	0.30	-9.27	5.22	5.90	-2.70	4.00
16	6.00	0.30	2.00	-0.30	1.30	-7.79	7.91	5.90	-2.20	4.20
17	6.00	1.90	-0.00	-1.10	2.40	7.09	9.01	5.29	-2.20	4.20
18	6.00	2.20	-2.31	-1.50	2.40	6.38	9.80	3.20	-2.30	4.19
19	5.90	2.50	-7.92	-1.90	2.80	-4.50	9.80	1.90	-2.50	4.19
20	5.70	2.50	-9.50	-2.30	1.90	-3.90	9.79	-0.00	-3.00	0.70
21	5.19	1.90	-9.50	-3.10	1.40	-3.10	9.27	-3.10	-3.00	-0.30
22	4.10	1.40	-9.50	-3.40	1.20	-3.00	7.89	-5.41	-3.50	-3.91
23	3.60	-0.00	-9.49	-3.40	-0.00	-3.40	7.18	-7.81	-3.90	-6.51
24	1.90	-1.50	-9.08	-3.30	-0.20	-0.40	5.58	-7.90	-3.90	-6.51
25	1.70	-4.01	-7.87	-2.50	-1.20	1.80	2.30	-7.89	-2.70	-7.10
26	-0.00	-5.90	-5.79	-2.50	-1.70	3.61	-0.00	-7.48	-2.70	-7.20
27	-1.70	-6.30	-4.40	-3.41	-1.70	5.80	-2.00	-5.79	-0.30	-7.09
28	-6.42	-6.20	-4.30	-6.01	-1.40	5.79	-4.52	-4.70	0.70	-6.48
29	-8.41	-5.79	-3.80	-7.92	-0.20	4.29	-8.32	-4.40	1.40	-4.10
30	-9.20	-4.10	-3.60	-9.31	0.00	2.40	-9.81	-4.10	1.40	-3.80
31	-9.10	-3.50	-3.00	-9.70	0.60	-0.00	-10.10	-3.90	1.40	-2.60
32	-9.20	-2.60	-1.90	-9.20	0.80	-2.30	-10.10	-3.90	0.70	-2.10
33	-9.09	-1.90	-1.60	-9.70	1.30	-3.91	-10.10	-3.60	-0.00	-1.10
34	-8.39	-1.50	-0.60	-9.69	1.20	-6.71	-9.87	-3.00	-1.20	0.00
35	-7.88	-0.70	-0.50	-8.97	0.40	7.60	-8.33	-2.10	-1.80	0.60
36	-5.90	-0.70	-0.50	-6.99	-0.00	7.60	-3.90	-2.10	-2.30	1.20
37	-5.50	-0.70	-0.50	-5.78	-1.40	7.58	-3.40	-2.10	-2.50	0.70
38	-5.50	-0.70	-1.30	-3.00	-3.10	6.20	-1.40	-1.80	-2.50	0.10
39	-5.50	-1.40	-2.40	-2.00	4.80	5.69	0.30	-1.50	-2.50	-0.00
40	-5.29	-1.90	-3.90	0.00	5.71	4.00	1.20	-1.50	-2.50	-0.10
41	-3.90	-2.50	-4.40	1.90	6.51	3.50	1.20	-1.50	-2.50	-0.60
42	-2.50	-3.40	-5.00	4.71	7.20	-2.70	0.30	-1.50	-2.50	-1.10
43	-2.10	-3.80	-5.20	7.00	7.66	1.90	0.	-1.50	-2.50	-1.10
44	0.00	-4.20	-5.40	7.40	8.11	-1.20	-0.00	-1.60	-2.50	-1.10
45	1.40	-4.20	-5.70	7.40	9.09	-0.30	-1.20	-1.60	-2.50	-0.40
46	7.62	-4.20	-5.69	7.40	8.49	-0.30	-1.20	-0.30	-3.00	-0.40
47	9.01	-4.20	-4.19	7.39	7.58	-0.10	-1.20	0.	-3.30	-0.40
48	9.60	-4.10	-2.60	6.20	7.84	-0.10	-1.20	0.00	-3.80	-1.00
49	9.60	-3.90	-0.10	5.89	4.09	-0.40	-1.60	0.30	-4.30	-1.20
50	9.57	-3.80	1.90	4.59	-0.10	-1.40	-1.90	-1.90	-5.40	-1.20

RECORD=S-369
DATE AND TIME=1968-08-07-17:00
COMPONENT=N-S
SAMPLING INTERVAL=0.040(SEC)
CORRECTION=GR.ACC.
TOTAL NUMBER OF DATA= 2950

STATION=KUSHTRO-S
TOTAL NUMBER OF DATA= 2950

RECORD=S-169 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=KUSHIRO-S
 DATE AND TIME=1968-08-07-17-00 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA=2950.

No.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-0.40	-9.30	-3.90	1.70	-5.20	1.70	-2.10	-2.40	5.10	-3.90
2	0.00	-9.30	-3.90	1.70	-5.00	1.40	-1.70	-2.30	5.50	-5.00
3	0.70	-9.20	-3.90	1.70	-5.00	0.10	-1.10	-2.30	6.20	-5.00
4	3.20	-9.20	-3.90	1.70	-5.00	-0.00	-1.00	-2.10	5.90	-4.99
5	3.90	-9.10	-3.89	1.40	-4.50	-0.10	-0.70	-2.20	5.79	-4.08
6	3.90	-8.99	-1.70	1.30	-4.00	-0.10	-1.00	-2.10	3.99	-3.90
7	3.90	-8.70	-1.50	1.80	-3.90	-0.10	-1.40	-2.00	2.00	-3.40
8	3.90	-8.49	-0.40	1.30	-4.00	-0.10	-1.90	-1.90	0.60	-3.30
9	3.70	-7.90	1.90	1.30	-4.00	0.00	-2.30	-0.90	0.00	-2.00
10	3.10	-7.69	2.10	0.40	-4.00	0.20	-4.50	-1.90	-0.90	-1.60
11	1.90	-6.70	2.10	-4.00	-3.50	0.40	-4.10	-2.50	-1.20	-1.20
12	1.20	-6.49	2.00	-4.50	-3.20	0.40	-4.50	-1.90	-3.90	-1.20
13	-0.00	-5.89	1.30	-4.70	-3.20	0.50	-3.90	-1.90	-5.10	-1.10
14	-1.10	-5.19	0.70	-5.20	-1.90	0.40	-3.80	-1.70	-5.30	-1.00
15	-1.80	-3.90	0.10	-5.20	-1.90	0.00	-1.90	-1.70	-5.40	-0.50
16	-2.30	-3.40	0.00	-4.40	-1.90	-0.10	-3.80	-1.80	-5.40	-0.50
17	-3.50	-2.30	0.00	-4.20	-0.70	0.00	-3.70	-1.70	-5.40	-0.40
18	-3.70	-1.30	-0.00	-4.10	-0.70	-0.60	-3.80	-1.70	-5.40	0.00
19	-3.70	0.20	-0.20	-4.10	-0.70	-0.60	-3.50	-1.70	-5.70	0.30
20	-4.00	3.61	-0.20	-4.50	-0.60	-0.60	-3.50	-1.70	-5.70	1.00
21	-4.00	5.50	-0.20	-5.10	-0.60	0.00	-3.10	-1.70	-6.20	1.20
22	-4.20	5.90	-0.10	-5.40	-0.60	0.50	-2.40	-1.60	-6.20	1.30
23	-4.40	5.90	-0.20	-5.60	-0.20	1.40	-2.10	-1.40	-6.30	1.20
24	-4.41	5.60	-0.20	-5.70	-0.20	1.40	-2.00	-1.40	-6.00	1.50
25	-5.90	5.09	-0.20	-5.70	-0.30	1.40	-1.90	-0.60	-5.89	1.70
26	-5.90	3.99	-0.20	-5.70	-0.40	1.40	-1.90	0.00	-4.40	1.60
27	-6.00	1.30	-0.10	-5.10	-0.40	0.70	-1.90	1.30	-4.30	1.60
28	-5.98	0.40	0.00	-4.20	-0.40	-0.30	-1.90	1.30	-3.50	1.30
29	-3.99	-0.50	0.00	-3.90	-0.10	-0.30	-2.00	2.00	-2.70	1.20
30	-2.50	-1.30	-0.00	-3.80	0.00	-3.91	-1.90	2.00	-2.00	1.20
31	-2.10	-2.30	-0.20	-3.80	0.20	-5.80	-1.80	1.30	-1.80	1.30
32	-0.70	-2.70	-1.50	-3.80	1.40	-6.41	-1.70	0.60	-0.70	1.70
33	0.00	-2.40	-1.90	-4.10	2.30	-7.10	-1.60	-1.10	0.00	2.20
34	0.00	-2.10	-2.20	-5.00	2.70	-7.10	-1.40	-2.30	0.00	2.50
35	1.00	-1.30	-2.50	-5.50	2.70	-7.10	-1.30	-5.91	0.00	2.60
36	1.60	-1.30	-2.50	-5.90	2.30	-7.10	-1.30	-6.71	0.20	3.10
37	1.90	-1.70	-2.50	-6.30	1.90	-7.10	-0.50	-7.70	0.20	3.20
38	1.90	-1.70	-2.50	-6.40	1.20	-7.91	-0.30	-7.90	0.10	3.00
39	1.60	-1.90	-2.50	-6.30	0.20	-8.31	-0.30	-7.90	0.00	3.00
40	-0.00	-3.10	-2.60	-6.40	-0.00	-9.00	-0.30	-7.90	0.00	2.40
41	-0.30	-4.31	-2.50	-6.40	-0.50	-9.00	-0.50	-7.59	-0.00	2.50
42	-1.60	-7.09	-2.30	-6.40	-1.20	-9.00	-1.20	-7.09	-0.40	1.50
43	-1.90	-6.60	-1.90	-6.70	-1.10	-8.98	-1.30	-6.09	-0.60	0.60
44	-2.40	-6.60	-1.70	-7.10	-1.20	-7.99	-1.70	-5.19	-1.00	0.30
45	-3.10	-6.49	-0.60	-7.50	-0.60	-7.09	-1.90	-3.90	-1.00	-0.00
46	-3.90	-5.90	0.00	-7.80	-0.20	-5.99	-2.20	-3.89	-1.00	-1.50
47	-4.11	-5.79	0.00	-7.80	0.00	-5.99	-2.30	-1.70	-1.00	-2.50
48	-5.51	-4.50	1.20	-7.78	1.50	-8.10	-2.30	0.00	-1.10	-6.71
49	-7.71	-4.40	1.60	-6.59	1.70	-2.70	-2.30	1.90	-1.90	-6.11
50	-8.61	-4.10	1.70	-5.40	1.70	-2.50	-2.40	3.30	-2.50	-7.00

RECORD=S-369 COMPONENT=E-W SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=KUSHIRO-S
 DATE AND TIME=1968-08-07-17-00 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 3000

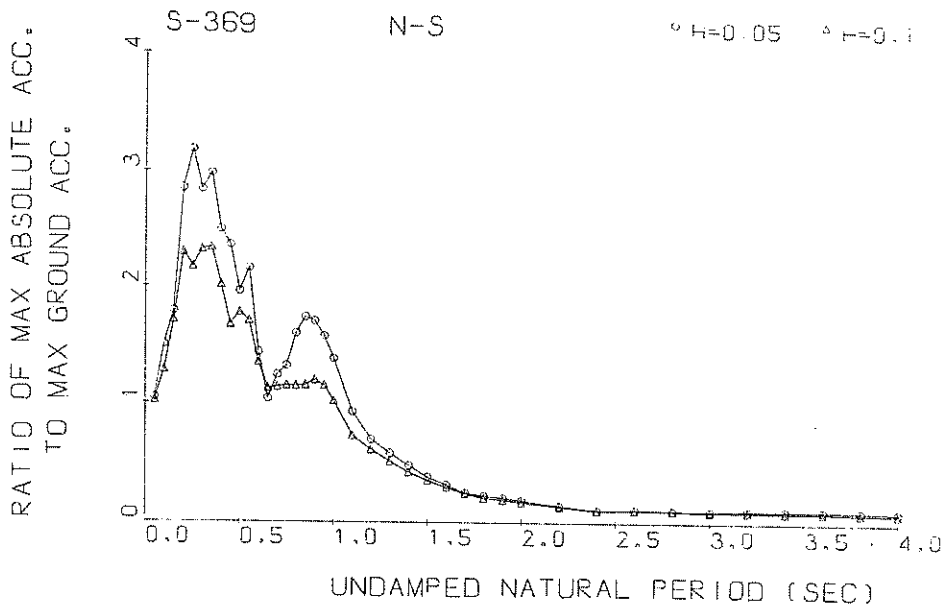
NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.00	62.00	-16.08	22.39	9.81	-5.41	0.00	-10.03	-28.72	5.02
2	-11.61	49.99	-14.09	21.50	1.00	-7.53	5.93	-11.43	-25.86	9.42
3	-24.01	38.41	-13.90	21.58	-7.47	-9.94	10.24	-12.76	-24.12	10.76
4	-0.60	28.97	-13.92	22.70	-13.40	-11.92	11.96	-17.37	-17.60	13.28
5	12.54	19.10	-14.48	26.79	-15.96	-12.73	13.81	-20.05	-11.87	15.36
6	22.37	9.67	-13.98	32.49	-18.87	-13.51	14.10	-21.83	-7.73	16.40
7	25.50	3.39	-10.97	35.69	-21.00	-13.70	14.01	-23.00	-2.00	16.34
8	23.13	1.20	-2.49	37.00	-19.48	-13.67	14.01	-22.94	-0.10	15.26
9	16.98	-1.90	12.27	36.49	-15.35	-12.96	11.90	-22.45	0.40	12.36
10	13.46	-5.92	20.75	32.17	-15.35	-12.96	11.85	-21.60	0.40	8.21
11	9.74	-8.42	27.25	21.08	-6.95	-11.91	10.09	-17.77	0.10	2.00
12	1.90	-10.04	34.47	1.51	1.71	-1.00	9.75	-14.55	0.	-1.60
13	-0.00	-11.95	38.53	-13.68	9.95	3.52	3.39	-9.87	1.90	-6.40
14	-8.52	-14.66	35.24	-18.66	12.47	11.53	0.60	-3.99	4.72	-6.70
15	-9.50	-18.02	37.11	-29.22	17.61	16.25	-2.20	-1.60	9.31	-6.69
16	-9.50	-19.72	33.01	-35.39	22.09	22.15	-3.92	-0.40	10.13	-5.89
17	-9.50	-19.90	25.35	-36.12	23.92	22.90	-10.10	-0.40	11.51	-4.19
18	-9.54	-19.90	21.31	-34.35	25.56	25.38	-10.33	3.91	11.90	-2.20
19	-11.84	-19.88	15.58	-29.15	25.91	25.77	-11.80	7.00	-11.90	-1.70
20	-16.37	-19.58	9.69	-25.87	26.00	24.49	-11.79	7.00	-11.86	-1.10
21	-31.55	-17.91	1.90	-23.61	25.84	11.71	-11.59	6.99	10.43	-1.40
22	-38.26	-9.26	-3.93	-21.07	25.30	2.39	-11.28	6.50	7.85	-0.70
23	-40.47	-1.99	-14.25	-16.89	23.68	2.39	-10.39	6.41	3.99	-0.20
24	-43.83	3.92	-24.50	-15.06	22.46	-5.42	-9.96	7.12	1.50	0.
25	-46.77	10.41	-29.82	-12.05	22.46	-7.96	-9.96	8.52	-0.00	0.
26	-46.05	15.44	-36.39	-1.50	17.30	-7.96	-7.96	9.83	-1.10	0.
27	-44.77	20.25	-40.86	0.10	10.23	-12.52	-4.99	11.53	-2.10	0.
28	-42.90	24.07	-42.64	4.21	2.99	-13.22	-2.70	16.22	-2.00	0.
29	-41.00	25.30	-41.25	5.70	-4.44	-13.70	-2.20	21.68	-2.00	-0.00
30	-39.24	25.03	-38.08	5.69	-14.02	-13.65	-1.90	23.38	-2.00	-1.20
31	-37.03	23.56	-36.85	3.60	-16.96	-12.44	-1.90	24.00	-2.50	-1.50
32	-34.88	20.71	-34.49	1.90	-21.22	-10.66	-1.90	24.00	-5.62	-1.70
33	-30.97	17.67	-31.89	-0.00	-24.29	-9.18	-1.90	23.93	-9.02	-1.70
34	-25.98	15.60	-27.58	0.00	-25.09	-7.87	0.00	22.91	-10.14	-0.40
35	-19.20	11.81	-25.62	-3.80	-26.37	-5.99	0.00	22.91	-12.05	0.50
36	-9.74	8.85	-23.11	-4.20	-26.37	-5.99	2.71	18.45	-12.05	0.50
37	2.32	-0.00	-16.46	-4.20	-22.82	-3.50	18.45	11.44	-13.52	1.40
38	16.88	-5.99	-7.80	-4.20	-21.30	-3.50	18.45	11.44	-13.52	1.40
39	35.08	-17.70	0.00	0.00	-20.19	-5.71	9.74	-13.98	-11.79	2.50
40	47.27	-22.14	3.72	3.92	-17.82	-5.71	5.37	-16.11	-10.97	2.00
41	53.13	-24.72	11.88	9.98	-15.50	-6.70	-0.00	-20.01	-9.66	0.70
42	61.93	-26.55	18.11	13.67	-13.40	-6.69	-5.72	-23.59	-7.85	-0.00
43	69.99	-30.08	23.56	17.90	-10.93	-5.89	-7.90	-25.84	-4.09	-0.40
44	71.90	-39.57	24.00	17.85	-8.07	-4.29	-7.91	-26.95	-2.70	-0.40
45	71.90	-26.82	23.98	16.97	-5.80	-2.20	-8.42	-28.47	-1.10	-0.30
46	70.97	-21.43	23.64	13.27	-5.40	-1.40	-9.51	-29.50	1.20	-1.10

RECORD=S-369 COMPONENT=E-H SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=KUSHIRO-S
 DATE AND TIME=1968-08-07-17-00 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 3000

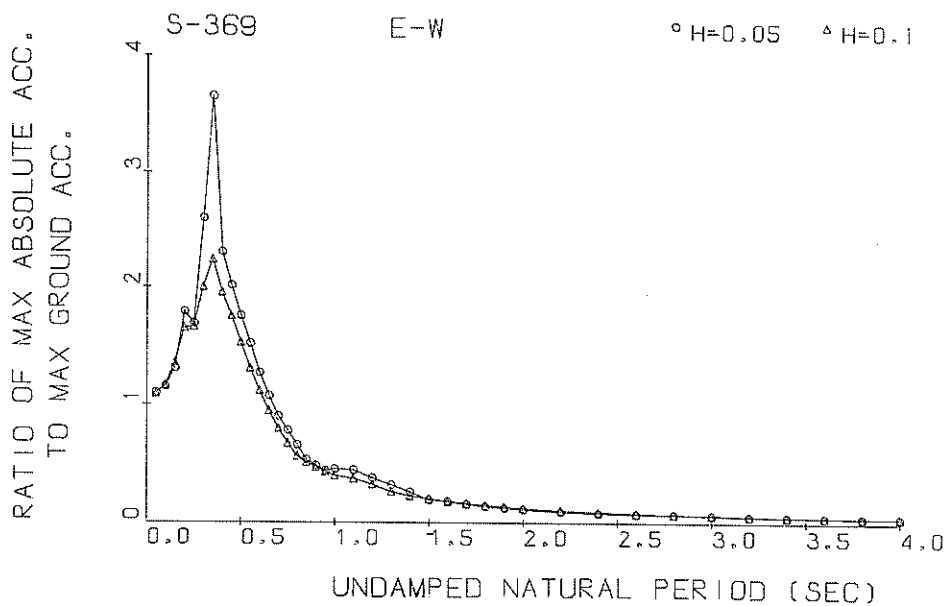
NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	-2.30	2.30	-2.30	5.88	8.20	1.50	-3.20	-0.00	4.70	-0.70
2	-3.90	1.00	-0.50	2.60	8.20	0.10	-3.50	-0.10	5.40	-1.50
3	-4.42	-0.00	0.	1.90	8.19	0.	-3.50	-0.60	5.70	-2.70
4	-8.40	-1.30	0.00	-0.00	7.58	0.	-3.70	-1.30	5.00	-3.50
5	-14.92	-2.70	0.60	-2.20	5.78	0.	-3.90	-1.70	4.10	-3.90
6	-19.30	-4.10	0.60	-5.22	3.10	0.	-3.60	-2.30	3.90	-4.00
7	-19.30	-4.10	0.60	-8.54	1.20	0.	-3.20	-2.70	3.60	-3.80
8	-19.20	-4.10	1.90	-11.26	-1.20	-0.00	-2.60	-3.10	3.60	-3.00
9	-17.81	-3.60	3.91	-13.30	-3.31	-1.00	-2.20	-3.10	3.60	-1.80
10	-15.14	-3.00	5.80	-13.30	-5.81	-1.90	-1.90	-1.80	3.90	0.
11	-13.85	-1.90	6.00	-13.23	-7.42	-3.41	-1.90	0.	3.20	0.20
12	-10.33	-1.70	6.00	-11.43	-9.11	-7.50	-1.90	0.00	3.20	0.20
13	-7.37	-1.40	5.39	-9.06	-9.90	-7.90	-1.90	1.70	1.10	0.
14	-5.09	-0.60	3.60	-6.58	-9.90	-7.90	-2.30	2.10	-0.00	0.
15	-3.90	0.	1.90	-4.20	-9.88	-7.80	-2.70	2.50	-0.30	-0.00
16	-3.00	0.	-0.00	-3.00	-6.67	-7.80	-3.20	2.80	-1.50	-3.60
17	-1.90	-0.00	-2.50	-3.00	-6.68	-7.60	-2.70	3.00	-3.70	-5.10
18	-0.30	-0.50	-4.62	-3.90	-5.09	-7.60	-2.40	2.80	-4.30	-5.91
19	0.80	-1.70	-7.93	-4.31	-3.00	-7.60	-1.40	2.40	-4.30	-6.61
20	4.01	-3.80	-9.90	-5.70	-2.60	-7.60	-0.20	2.50	-4.20	-7.69
21	5.91	-5.40	-9.90	-6.10	-2.30	-7.30	0.00	2.00	-4.10	-6.99
22	6.70	-5.40	-9.90	-5.90	-1.90	-7.29	0.70	1.00	-4.00	-5.89
23	6.80	-5.40	-9.69	-5.49	-1.50	-6.39	1.90	-0.00	-3.90	-5.90
24	6.80	-5.39	-9.18	-3.50	-5.09	-5.09	1.90	-0.30	-3.90	-3.00
25	6.79	-4.50	-8.29	-3.00	-1.50	-4.90	1.90	-0.70	-4.00	-1.80
26	5.79	-3.90	-7.49	-2.50	-1.50	-2.70	1.60	-2.30	-3.90	0.
27	4.49	-3.20	-6.47	-2.30	-1.50	-1.10	1.80	-5.91	-4.20	0.00
28	2.40	-3.20	-2.60	-2.10	-1.80	0.00	-0.00	-6.70	-4.20	0.70
29	1.20	-2.60	-2.20	-1.70	-2.50	2.31	-0.10	-6.99	-4.20	1.90
30	-0.00	-2.00	-1.70	-1.60	-3.10	6.73	-0.10	-6.49	-3.90	2.60
31	-1.60	-1.00	-0.40	-0.70	-3.70	9.70	-4.11	-5.59	-3.40	3.50
32	-4.51	0.00	-0.40	0.	-5.20	9.90	-5.90	-3.99	-2.00	3.40
33	-7.33	1.10	-0.40	0.	-5.91	9.90	-5.91	-2.40	-0.40	3.30
34	-10.10	3.70	-0.50	0.	-7.31	9.89	-7.50	-2.20	0.30	3.70
35	-10.10	4.30	-1.70	0.	-8.30	9.59	-7.90	-1.00	3.30	3.80
36	-10.10	3.80	-2.20	0.00	-8.29	9.18	-8.10	-0.20	4.30	4.40
37	-10.09	2.20	-3.91	0.20	-7.69	8.17	-8.29	-0.00	4.50	4.60
38	-9.68	-0.00	-5.71	0.60	-6.98	6.36	-7.90	-0.40	4.00	4.60
39	-8.49	-0.60	-7.01	1.50	-4.69	2.00	-7.67	-0.50	3.20	4.40
40	-7.87	-1.90	-7.90	1.90	-2.70	-0.00	-5.49	-1.90	2.00	4.40
41	-5.69	-3.70	-7.90	2.40	-1.90	-2.20	-3.70	-1.90	-0.00	3.80
42	-3.70	-4.50	-7.58	3.10	-1.50	-2.50	-3.60	-2.50	-0.40	3.80
43	-2.00	-4.50	-5.78	3.10	-1.00	-3.90	-1.80	-2.70	-0.60	3.20
44	-1.60	-4.50	-3.29	3.20	-0.10	-4.50	-0.20	-3.10	-0.70	3.00
45	1.60	-3.90	-0.00	3.20	1.40	-4.50	0.00	-2.30	-1.00	3.00
46	4.10	-3.40	0.20	3.10	1.90	-4.50	0.40	-2.00	-1.00	1.90
47	4.10	-2.70	2.60	3.10	1.90	-4.30	1.20	-1.00	-1.00	1.40
48	4.10	-2.60	5.70	5.90	1.70	-3.90	1.00	0.00	-1.00	0.50
49	4.10	-2.30	6.00	6.42	1.70	-3.60	0.70	1.60	-0.70	0.
50	3.50	-2.30	6.00	8.20	1.70	-3.20	0.40	2.80	-0.70	0.

NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-0.00	-3.69	-0.60	1.00	-1.90	-1.00	0.50	-3.10	0.	-2.50
2	-0.20	-1.90	-0.40	1.00	-3.21	-0.60	0.	-3.20	0.	-2.60
3	-0.30	-0.60	-0.30	1.20	-5.60	0.	0.	-3.00	-0.00	-2.60
4	-0.50	-0.10	-0.60	1.40	-5.90	0.00	0.	-2.70	-0.30	-2.60
5	-1.10	0.	-0.70	1.10	-5.90	0.30	0.	-3.10	-0.70	-2.70
6	-1.40	0.00	-1.10	0.70	-6.00	1.00	0.	-1.60	-1.60	-3.00
7	-1.90	0.20	-1.40	0.40	-6.00	1.20	0.	-3.60	-2.30	-3.00
8	-3.60	0.50	-1.30	0.30	-6.00	1.30	0.	-3.70	-3.70	-2.50
9	-3.90	0.70	-1.40	0.10	-6.00	1.50	0.	-3.70	-3.90	-2.30
10	-4.50	1.30	-1.30	0.	-5.70	1.80	0.00	-3.70	-4.00	-2.00
11	-1.60	1.60	-0.40	-0.00	-5.30	1.20	0.30	-3.70	-4.00	-1.80
12	-3.20	1.60	-0.10	-0.10	-4.99	1.30	0.50	-3.00	-4.00	-1.50
13	-2.00	1.00	-0.10	-1.50	-3.80	1.90	0.40	-2.70	-4.00	0.
14	-0.40	0.40	0.00	-3.51	-3.10	2.50	0.30	-2.70	-4.00	0.
15	1.10	-0.00	1.30	-6.61	-1.80	3.10	0.20	-1.00	-4.90	0.
16	4.21	-0.70	3.60	-7.90	-1.10	3.10	0.20	-1.00	-3.20	-0.00
17	6.10	-3.61	4.70	-8.00	-0.20	3.50	0.40	0.	-1.60	-0.10
18	6.31	-5.91	5.20	-7.99	-0.10	3.20	0.60	0.00	-1.60	-0.90
19	7.50	-7.60	5.50	-7.58	0.00	3.00	0.60	0.00	-0.50	-1.50
20	7.69	-7.90	5.50	-6.28	0.50	2.00	0.60	0.40	0.00	-1.90
21	7.19	-8.10	5.50	-3.40	0.50	1.00	-0.10	0.50	1.50	-2.10
22	6.58	-7.89	5.50	-2.00	1.30	0.	-2.50	0.20	3.00	-2.00
23	4.50	-7.39	5.20	-0.40	1.50	-0.00	-4.40	0.	2.00	-1.20
24	3.40	-6.48	4.99	0.	1.70	1.40	-4.40	0.	3.30	-1.00
25	2.50	-5.89	3.50	0.	1.70	1.70	-4.50	0.	3.20	0.00
26	2.40	-2.30	2.40	0.	1.90	1.90	-4.50	-0.00	3.20	0.00
27	2.40	-1.70	0.20	0.	1.60	2.40	-4.50	-0.10	1.90	1.50
28	2.10	-0.50	-1.30	-0.30	1.00	5.40	-1.60	-0.30	1.90	1.80
29	1.00	0.	-2.60	-0.40	0.	5.40	-0.40	-0.70	1.40	0.50
30	-0.00	0.	-3.70	-0.60	0.	-5.29	0.00	-0.70	1.10	0.
31	-0.70	0.	-3.90	-1.10	0.	-3.60	0.60	-1.10	0.70	0.
32	-1.90	0.	-4.30	-1.50	0.	-3.40	2.50	-1.20	0.40	0.
33	-3.20	0.	-3.90	-1.70	0.	-3.10	2.20	-1.20	0.40	0.
34	-3.90	-0.00	-3.80	-1.40	0.	-2.30	1.90	-1.20	0.70	-0.00
35	-3.90	-0.10	-3.50	-1.00	0.00	-2.60	1.90	-1.20	1.00	-0.60
36	-3.90	-0.20	-2.10	0.	0.10	-2.50	1.90	-1.00	1.90	-1.00
37	-3.90	-0.30	-2.10	0.00	0.20	-3.30	1.00	-0.40	2.50	-1.00
38	-3.40	-0.50	-1.40	0.30	0.20	-3.40	1.00	0.	3.20	-0.30
39	-3.00	-0.60	0.	0.30	0.	-3.20	0.	3.00	3.00	-0.10
40	-2.70	-0.70	0.00	0.40	0.	-2.70	0.	2.40	2.40	0.
41	-2.50	-1.00	1.70	0.30	-0.00	-2.70	-0.00	2.00	2.00	0.
42	-2.60	-1.10	1.90	0.	-0.10	-2.00	-0.20	1.40	1.40	0.
43	-3.40	-1.30	1.90	0.	-0.30	-0.50	-0.50	0.	0.20	-0.00
44	-3.80	-1.20	1.80	0.	-0.50	-1.60	-0.40	-0.00	-0.80	-0.30
45	-4.30	-1.00	1.80	0.	-0.60	-1.40	-0.40	0.	-1.20	-1.00
46	-5.10	-0.60	1.30	0.00	-0.40	-1.40	-0.70	0.	-1.20	-1.50
47	-5.30	-0.10	1.00	0.30	-0.30	-1.40	-1.10	0.	-1.70	-1.50
48	-5.60	-0.10	0.60	1.10	-0.30	-1.20	-1.40	0.	-2.70	-1.60
49	-5.50	-0.30	0.50	1.00	-0.60	-1.10	-1.90	0.	-2.70	-1.60
50	-4.99	-0.60	1.00	-0.00	-1.10	-1.10	-2.30	0.	-2.60	-1.00
										-2.30

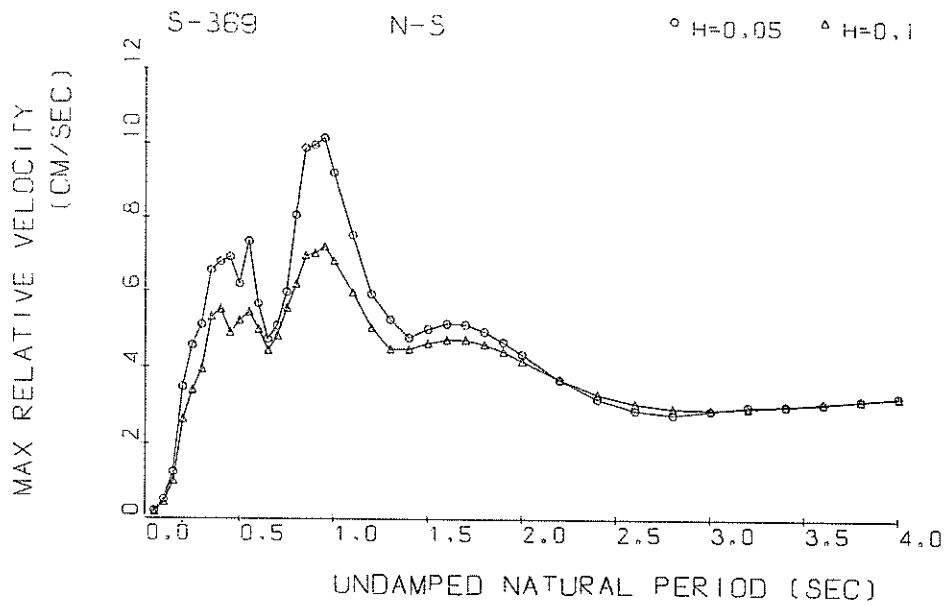
RECORDS-1369
DATE AND TIME=1968-08-07-17-00
COMPONENT=E-W
SAMPLING INTERVAL= 0.010(SEC)
CORRECTION=ARG.ERR.
FORMAT NO.=301
STATION=KUSHIRO-S
TOTAL NUMBER OF DATA= 3000



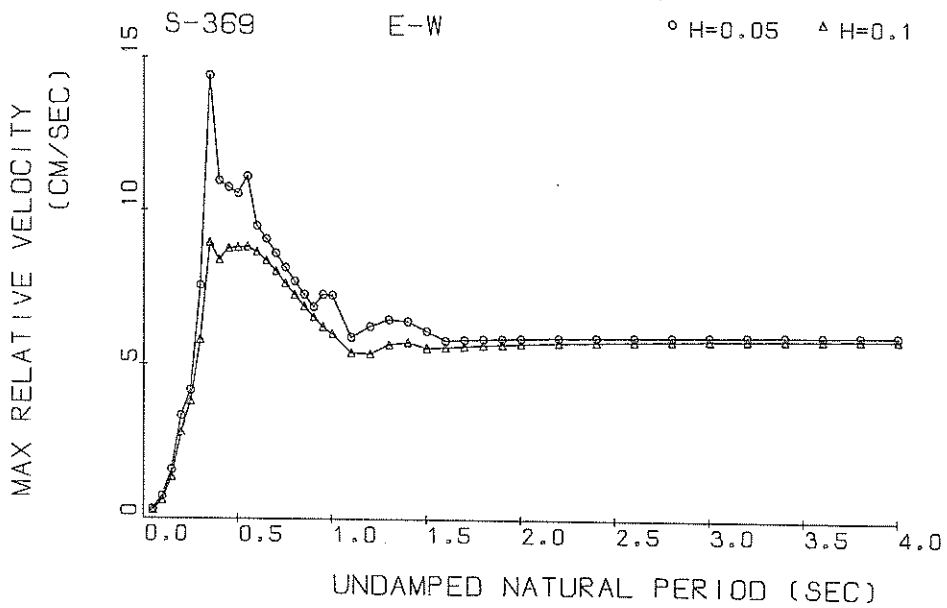
Response Spectra



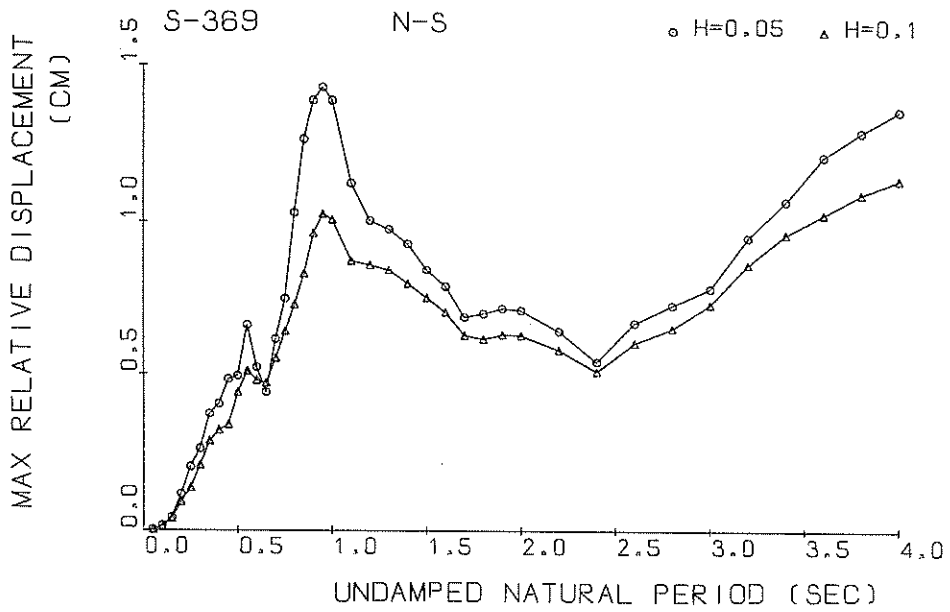
Response Spectra



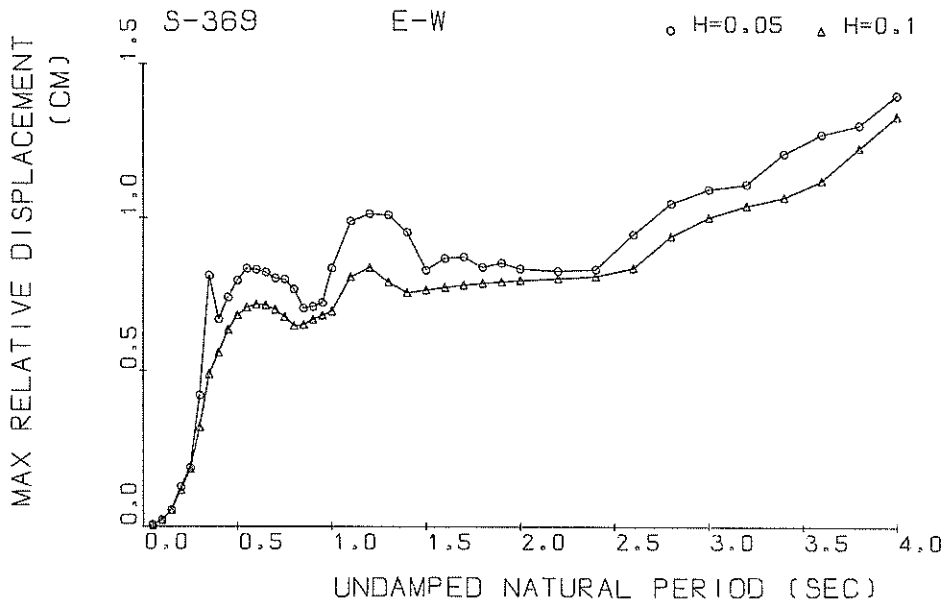
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-369 N-S 1968-08-07-17-00 KUSHIRO UKI
 STATION = KUSHIRO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 10.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 40.19(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.044	41.94	22.22	0.190	0.0027
0.100	1.492	59.98	20.20	0.495	0.0151
0.150	1.784	71.71	48.66	1.229	0.0410
0.200	2.852	114.63	100.40	3.469	0.1152
0.250	3.177	127.09	116.06	4.556	0.2011
0.300	2.841	114.20	108.75	5.086	0.2599
0.350	2.986	119.91	121.81	6.554	0.3715
0.400	2.498	100.68	121.16	6.778	0.4042
0.450	2.657	94.72	107.70	6.914	0.4864
0.500	1.954	78.52	87.28	6.184	0.4944
0.550	2.156	86.66	96.56	7.644	0.6602
0.600	1.430	57.47	72.99	5.651	0.5212
0.650	1.032	41.49	60.68	4.716	0.4416
0.700	1.235	49.63	59.27	5.058	0.6126
0.750	1.612	52.73	61.19	5.956	0.7470
0.800	1.591	66.95	69.27	8.061	1.0312
0.850	1.732	69.59	76.58	9.874	1.2662
0.900	1.695	68.12	85.50	9.954	1.6897
0.950	1.568	66.02	85.88	10.146	1.4312
1.000	1.674	55.20	71.57	9.206	1.6904
1.100	0.921	57.02	65.96	7.516	1.1270
1.200	0.691	27.78	61.99	5.911	1.0056
1.300	0.576	26.04	59.06	5.265	0.9776
1.400	0.470	18.89	57.08	4.766	0.9290
1.500	0.675	15.06	55.01	4.987	0.8429
1.600	0.609	12.42	52.50	5.126	0.7884
1.700	0.240	9.65	49.79	5.096	0.6878
1.800	0.216	8.67	47.22	4.924	0.7000
1.900	0.198	7.98	45.02	4.656	0.7169
2.000	0.177	7.12	46.36	4.627	0.7100
2.200	0.132	5.62	41.91	6.679	0.6408
2.400	0.095	6.83	41.54	6.186	0.5412
2.600	0.100	4.03	41.04	2.896	0.6699
2.800	0.094	3.77	41.09	2.778	0.7291
3.000	0.086	3.48	41.64	2.891	0.7848
3.200	0.096	3.73	41.50	2.997	0.9546
3.400	0.096	3.75	41.56	6.019	1.0745
3.600	0.096	3.76	41.54	6.066	1.2168
3.800	0.090	3.61	41.46	6.168	1.2967
4.000	0.085	3.40	41.64	6.257	1.6645

RESPONSE SPECTRUM

RECORD = S-369 N-S 1968-08-07-17-00 KUSHIRO UKI
 STATION = KUSHIRO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 10.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 40.19(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.011	40.62	20.42	0.161	0.0026
0.100	1.266	50.86	20.89	0.402	0.0128
0.150	1.095	68.11	36.59	0.985	0.0386
0.200	2.282	91.72	85.17	2.615	0.0915
0.250	2.157	86.69	88.49	3.375	0.1357
0.300	2.008	92.74	87.02	3.930	0.2077
0.350	2.529	93.60	93.90	5.275	0.2847
0.400	2.004	80.56	95.80	5.474	0.3200
0.450	1.065	66.85	90.36	4.854	0.3372
0.500	1.770	71.15	77.92	5.172	0.4415
0.550	1.094	68.09	77.99	5.402	0.5101
0.600	1.539	53.81	63.70	4.955	0.4791
0.650	1.125	45.11	55.64	4.596	0.4711
0.700	1.135	45.54	55.43	4.772	0.5521
0.750	1.145	46.03	55.24	5.491	0.6404
0.800	1.142	45.90	52.81	6.147	0.7292
0.850	1.150	46.21	53.21	6.924	0.8305
0.900	1.192	47.90	63.22	6.985	0.9644
0.950	1.148	46.14	64.69	7.165	1.0285
1.000	1.017	40.88	60.14	6.776	1.0082
1.100	0.725	29.15	60.06	5.920	0.8724
1.200	0.604	24.26	58.52	4.972	0.8585
1.300	0.507	20.40	56.65	4.431	0.8417
1.400	0.418	16.78	54.95	4.438	0.7977
1.500	0.352	14.13	53.19	4.597	0.7512
1.600	0.294	11.80	51.21	4.681	0.7035
1.700	0.236	9.48	49.11	4.672	0.6272
1.800	0.200	8.04	47.11	4.554	0.6151
1.900	0.185	7.43	45.36	4.562	0.6295
2.000	0.167	6.71	43.95	4.130	0.6264
2.200	0.129	5.20	42.15	3.655	0.5786
2.400	0.098	3.92	41.37	3.271	0.5089
2.600	0.098	3.95	41.17	3.020	0.5011
2.800	0.092	3.70	41.21	2.909	0.6492
3.000	0.085	3.40	41.31	2.864	0.7299
3.200	0.087	3.49	41.38	2.917	0.8618
3.400	0.087	3.48	41.41	2.981	0.9632
3.600	0.084	3.36	41.38	3.057	1.0508
3.800	0.079	3.18	41.31	3.133	1.0974
4.000	0.074	2.99	41.21	3.202	1.1441

RESPONSE SPECTRUM

RECORD = S-369 E-W 1968-08-07-17-00 KUSHIRO OKI
 STATION = KUSHIRO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR,
 TIME LENGTH = 10.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 71.90(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.096	78.77	61.51	0.299	0.0050
0.100	1.150	82.70	42.96	0.725	0.0209
0.150	1.306	93.94	64.79	1.592	0.0536
0.200	1.784	128.29	95.62	3.339	0.1300
0.250	1.685	121.17	96.07	4.159	0.1905
0.300	2.298	186.81	149.96	7.528	0.4226
0.350	3.058	262.99	261.49	14.405	0.8096
0.400	2.299	165.30	186.26	10.955	0.6662
0.450	2.014	144.81	166.05	10.739	0.7380
0.500	1.751	125.90	160.22	10.545	0.7927
0.550	1.219	109.24	164.79	11.106	0.8319
0.600	1.271	91.69	124.14	9.467	0.8284
0.650	1.076	77.15	121.84	9.040	0.8205
0.700	0.903	64.91	118.56	8.580	0.8005
0.750	0.786	56.29	114.95	8.116	0.7962
0.800	0.661	47.55	111.80	7.672	0.7636
0.850	0.537	38.59	108.80	7.256	0.7034
0.900	0.488	35.10	105.95	6.858	0.7091
0.950	0.447	32.11	103.61	7.241	0.7226
1.000	0.462	33.22	100.90	7.211	0.8350
1.100	0.456	32.55	96.71	5.870	0.9896
1.200	0.390	28.01	96.29	6.216	1.0139
1.300	0.330	23.70	90.49	6.446	1.0107
1.400	0.269	19.36	88.19	6.394	0.9534
1.500	0.205	14.63	86.28	6.081	0.8296
1.600	0.188	13.49	84.69	5.781	0.8692
1.700	0.168	12.07	83.35	5.806	0.8732
1.800	0.144	10.62	82.21	5.826	0.8387
1.900	0.131	9.45	81.26	5.842	0.8537
2.000	0.118	8.50	80.39	5.856	0.8349
2.200	0.099	7.14	79.02	5.878	0.8272
2.400	0.085	6.09	77.97	5.894	0.8320
2.600	0.078	5.59	77.14	5.907	0.9480
2.800	0.075	5.37	76.47	5.918	1.0506
3.000	0.068	4.90	75.96	5.930	1.0965
3.200	0.061	4.38	75.48	5.941	1.1136
3.400	0.058	4.18	75.11	5.949	1.2146
3.600	0.055	3.94	74.79	5.957	1.2796
3.800	0.051	3.65	74.52	5.966	1.3106
4.000	0.049	3.54	74.29	5.969	1.4061

RESPONSE SPECTRUM

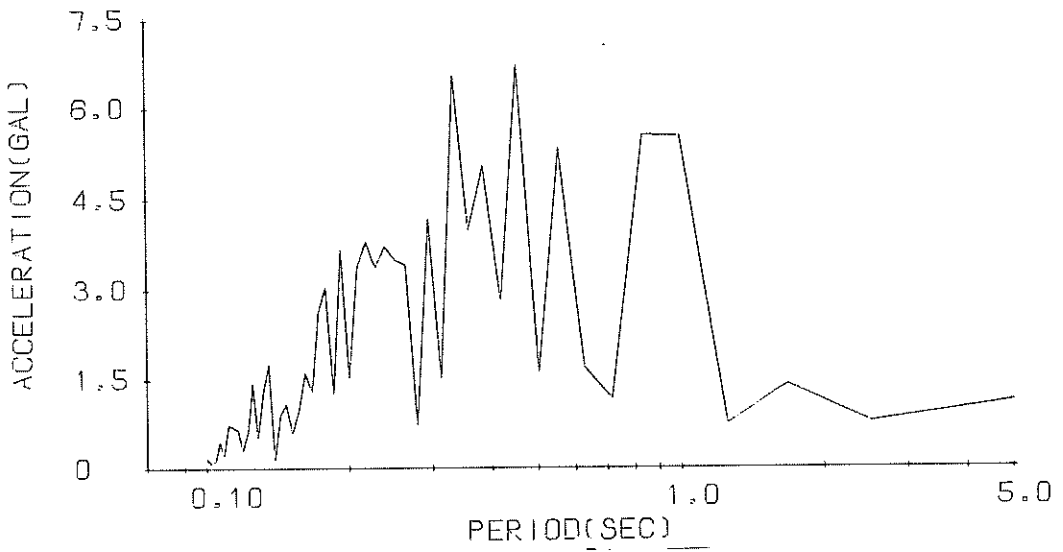
RECORD = S-369 E-W 1968-08-07-17-00 KUSHIRO OKI
 STATION = KUSHIRO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR,
 TIME LENGTH = 10.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 71.90(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.094	78.62	27.33	0.263	0.0050
0.100	1.165	83.74	36.59	0.589	0.0212
0.150	1.056	97.51	51.78	1.356	0.0552
0.200	1.050	118.66	70.80	2.805	0.1193
0.250	1.066	119.76	81.49	3.819	0.1872
0.300	2.002	143.91	110.26	5.790	0.3230
0.350	2.239	160.98	139.48	8.920	0.4905
0.400	1.959	140.84	139.75	8.663	0.5608
0.450	1.757	126.31	133.30	8.749	0.6351
0.500	1.531	110.11	123.97	8.771	0.6818
0.550	1.015	94.57	113.48	8.793	0.7075
0.600	1.120	80.56	113.18	8.619	0.7170
0.650	0.952	68.42	114.56	8.338	0.7134
0.700	0.804	57.84	112.73	8.002	0.6989
0.750	0.679	48.81	110.33	7.613	0.6756
0.800	0.571	41.09	107.72	7.250	0.6473
0.850	0.521	37.46	105.13	6.881	0.6519
0.900	0.478	34.34	102.88	6.539	0.6687
0.950	0.440	31.63	100.82	6.221	0.6823
1.000	0.406	29.21	98.88	5.999	0.6948
1.100	0.381	27.37	95.41	5.387	0.8076
1.200	0.332	23.90	92.48	5.369	0.8383
1.300	0.270	19.40	90.03	5.661	0.7917
1.400	0.235	16.87	87.97	5.741	0.7576
1.500	0.209	15.04	86.24	5.566	0.7663
1.600	0.188	13.50	84.77	5.601	0.7746
1.700	0.170	12.21	83.52	5.638	0.7819
1.800	0.154	11.10	82.45	5.668	0.7879
1.900	0.141	10.15	81.52	5.694	0.7930
2.000	0.130	9.33	80.71	5.716	0.7974
2.200	0.111	7.98	79.39	5.752	0.8046
2.400	0.096	6.93	78.36	5.780	0.8114
2.600	0.085	6.10	77.54	5.802	0.8379
2.800	0.076	5.43	76.87	5.820	0.9431
3.000	0.068	4.88	76.32	5.836	1.0057
3.200	0.061	4.42	75.87	5.849	1.0441
3.400	0.056	4.03	75.49	5.860	1.0727
3.600	0.051	3.70	75.16	5.873	1.1272
3.800	0.050	3.59	74.88	5.884	1.2359
4.000	0.049	3.53	74.64	5.894	1.3411

S-369 N-S

TSK=0.00

TUS=5.00

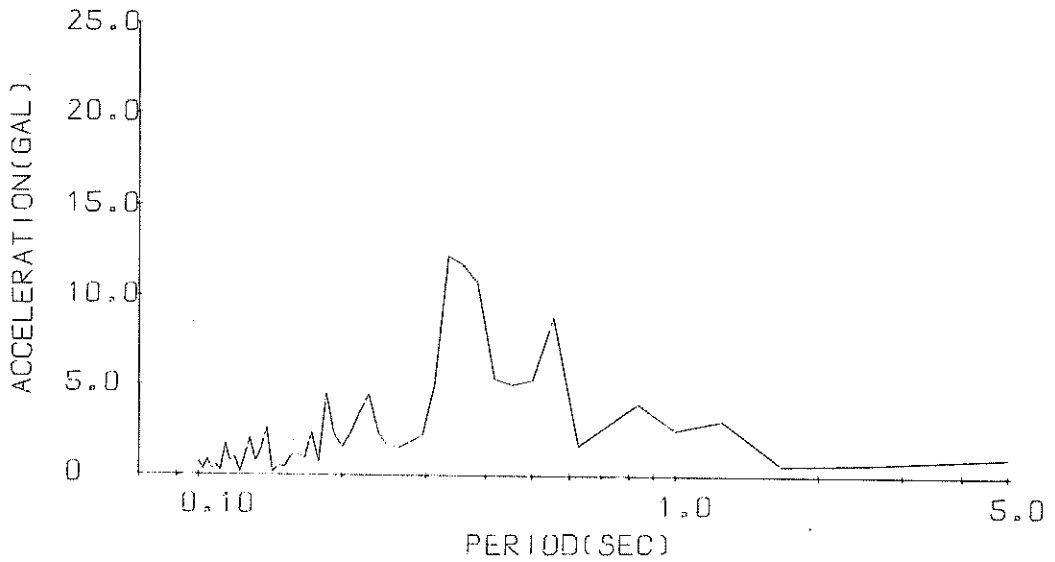


Fourier Spectrum

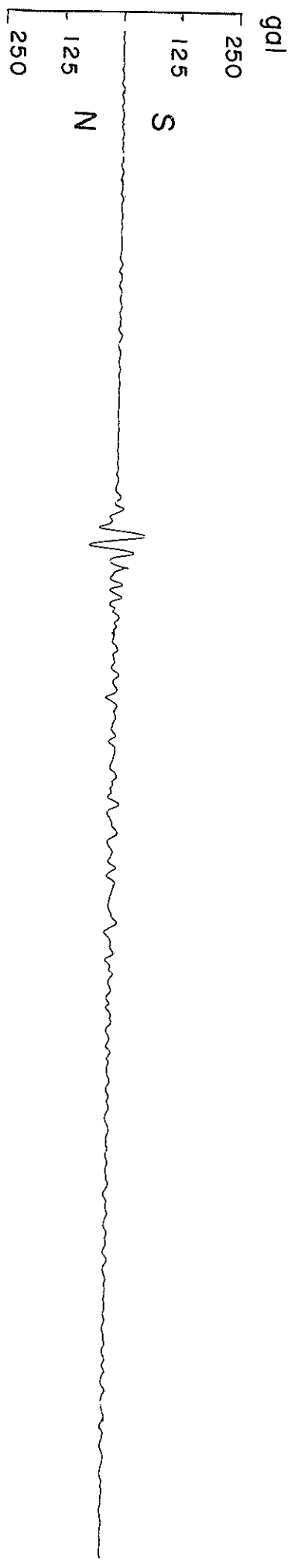
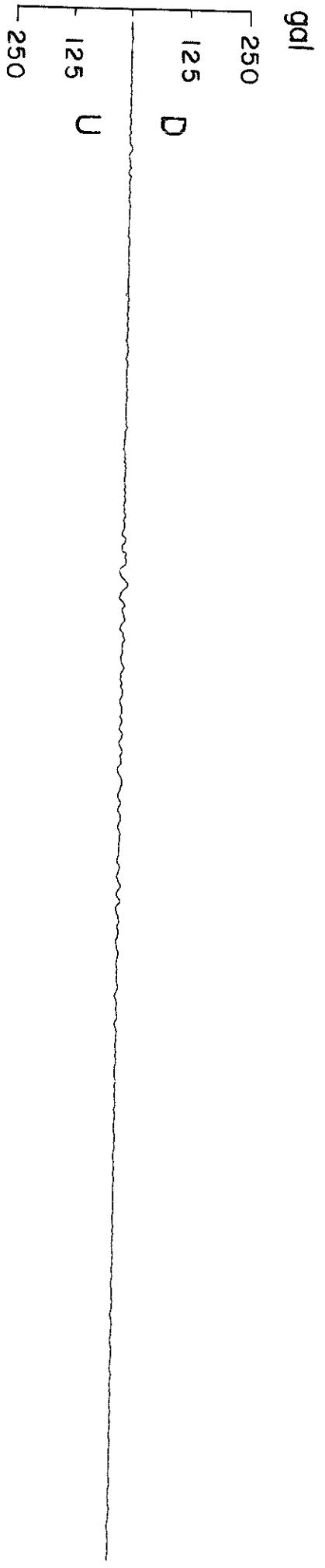
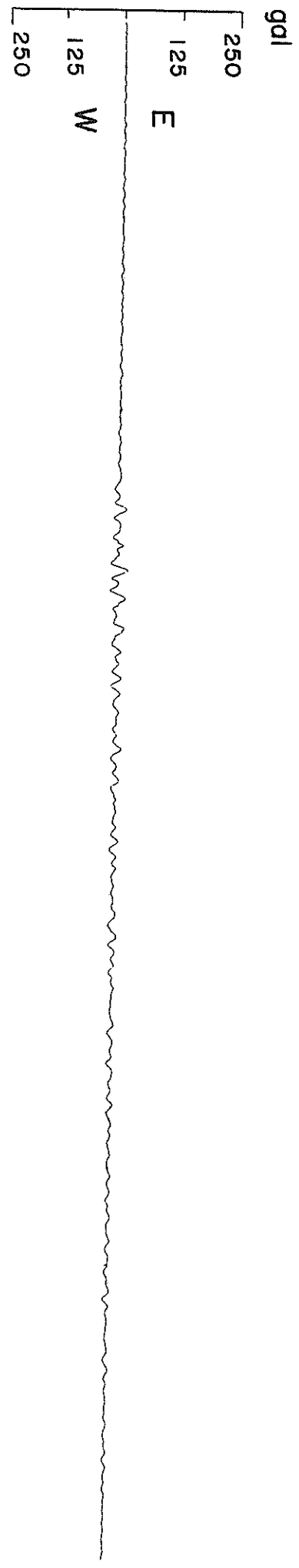
S-369 E-W

TSK=0.00

TUS=5.00



Fourier Spectrum



-311~312-

(S-412, KEIHIN YAMASHITA HEN-S, 09:50 on OCTOBER 8, 1968)

RECORD=5-412 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=YAMASHITAHEN-S
 DATE AND TIME=1968-10-08-09:50 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA 3100

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	0.10	0.30	0.80	2.50	-1.70	-1.60	-0.90	-1.60	-0.30	-2.50
2	0.20	0.	0.50	-2.70	-1.40	-1.10	-0.30	-1.40	-0.00	-3.40
3	0.10	-0.00	0.30	2.60	-0.80	-0.90	0.20	-0.90	-0.30	-3.80
4	0.	-0.20	0.50	-2.40	0.60	-0.40	0.40	-0.50	-0.30	-4.20
5	0.00	-0.30	0.40	-1.70	0.80	0.00	0.00	0.30	-0.30	-4.40
6	0.10	-0.50	-0.00	1.20	-1.20	0.10	0.10	0.60	-0.70	-3.49
7	-0.10	-0.70	-0.40	1.80	-1.80	0.40	0.40	0.90	-0.70	-1.20
8	0.	-0.80	-1.30	0.20	-1.30	0.80	-0.30	1.50	-0.40	0.20
9	0.	-0.60	-2.60	0.10	-2.30	1.10	0.00	1.90	-0.80	0.80
10	-0.00	-0.70	-3.00	0.50	-1.90	1.50	0.40	1.50	-0.20	0.90
11	-0.20	-0.30	-2.90	0.90	-1.50	2.00	0.50	1.10	0.00	0.10
12	-0.20	0.30	-2.70	1.40	-0.40	2.20	-0.20	0.60	0.30	-0.10
13	0.00	0.30	-1.80	1.70	0.30	1.90	-0.70	0.50	0.30	0.60
14	0.30	0.80	-0.70	2.00	0.00	1.10	-0.90	0.10	0.10	1.20
15	0.50	1.10	0.00	0.70	0.30	-0.00	-1.50	-1.00	0.30	1.50
16	0.90	0.60	0.40	0.60	0.50	-0.70	-1.90	-1.60	0.40	2.70
17	0.60	0.10	0.60	0.10	1.00	-2.00	-2.10	-1.70	0.50	2.90
18	0.20	-0.30	0.90	-0.40	1.10	-2.00	-2.50	-2.20	0.50	2.20
19	-0.00	-0.20	1.00	-0.70	1.10	-2.80	-3.40	-1.30	0.10	1.60
20	-0.20	0.10	1.00	1.40	1.50	-3.20	-3.40	-0.40	0.10	1.40
21	-0.30	-0.40	0.50	-1.80	1.20	-2.90	-2.80	-0.70	0.90	0.90
22	0.10	-0.70	0.40	-2.20	1.10	-3.10	-1.90	-0.30	-0.30	-0.00
23	0.40	-1.00	0.50	-2.20	0.80	-2.70	-1.00	-0.80	-0.90	-0.70
24	0.20	-0.90	0.90	-2.60	0.20	-2.30	0.30	-1.10	-1.40	-1.40
25	0.10	-0.70	1.00	2.00	-0.50	-1.90	0.00	-0.70	-1.50	-1.40
26	-0.20	-0.50	0.80	-1.50	-1.30	-1.20	0.60	-0.30	-2.00	-2.40
27	-0.00	-0.60	0.10	-1.40	-1.30	-0.60	1.10	0.20	-2.00	-3.40
28	-0.10	-0.90	-1.40	-1.00	-2.10	0.10	1.70	0.60	-2.00	-3.70
29	-0.00	-0.80	-1.80	-0.60	-1.70	0.40	2.10	0.40	-2.80	-4.00
30	-0.10	-0.40	-2.40	-0.20	-1.20	1.00	2.20	-0.10	-2.70	-2.70
31	-0.00	-0.10	-3.10	0.20	-0.80	1.90	2.40	-0.30	-2.80	-1.80
32	-0.20	-0.10	-3.40	0.60	-0.60	2.10	1.40	-0.60	-3.30	-1.40
33	0.00	-0.90	-3.70	0.80	-0.80	1.70	1.00	-0.90	-3.30	-0.20
34	0.20	-0.20	-3.20	0.40	-1.10	1.50	0.70	-1.50	-3.30	0.30
35	0.00	0.10	-2.40	0.80	-0.80	0.80	-0.00	-2.00	-1.50	0.90
36	0.30	0.	-1.40	0.80	-0.30	0.10	-1.10	-2.30	-0.60	1.80
37	0.30	-0.00	-0.70	1.10	-0.50	-0.60	-0.80	-1.70	0.40	2.30
38	0.40	-0.30	0.00	-0.80	-0.50	-1.00	-1.40	-1.20	0.60	2.50
39	0.	0.00	1.20	0.50	-0.90	-1.30	-1.70	-1.70	1.00	2.20
40	0.00	0.30	1.70	0.40	-0.30	-1.70	-2.30	-1.30	1.60	2.00
41	-0.10	0.70	3.00	-0.00	-0.90	-2.00	-2.70	-1.40	1.90	1.60
42	-0.20	0.40	3.70	-0.30	-1.10	-2.30	-2.20	-1.20	2.50	1.40
43	0.30	0.50	3.10	0.40	-1.60	-2.30	-1.80	-1.40	3.00	1.50
44	0.50	-0.10	1.90	-0.80	-1.70	-1.90	-1.50	-1.60	2.80	1.20
45	0.10	-0.60	2.20	-1.00	-1.50	-1.70	-0.70	-1.50	2.20	0.50
46	0.50	-0.20	2.10	-1.30	-0.80	-1.40	-0.70	-1.00	1.80	0.10
47	0.	0.00	1.90	-1.60	-0.30	-1.40	-0.70	-0.90	0.50	-0.70
48	0.00	0.90	-0.80	-1.90	-0.10	-2.20	-1.10	-1.10	-0.50	-0.80
49	0.30	0.80	-1.20	-2.20	-0.10	-2.00	-1.30	-1.30	-1.10	-2.00
50	-0.30	0.50	-2.40	-2.30	-1.10	-1.40	-1.60	-0.90	-1.60	-2.30

RECORD=S-412	COMPONENT=N-S	SIGNAL=GR.ACC.	CORRECTION=ARC.ERR.	STATION=YAMASHITAHEN-S					
DATE AND TIME=1968-10-08-09-50	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 3100						
NO.	(500)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	-2.30	0.20	-0.30	-0.70	-0.30	-2.20	-3.50	20.70	-11.28
2	-2.30	0.	-1.00	-0.30	-0.30	-3.30	-4.50	31.03	-10.68
3	-2.30	-0.00	-1.50	-0.30	-0.70	-4.10	-3.70	42.69	-9.67
4	-1.40	-0.20	-1.70	-0.10	-0.70	-3.50	-2.70	49.21	-8.17
5	-1.00	-0.50	-1.90	0.	-1.30	-1.60	-0.20	55.99	-6.19
6	-0.40	-0.80	-1.40	0.	-1.50	-1.00	-0.20	60.65	-4.69
7	0.00	-1.00	-1.20	0.00	-1.80	-0.30	2.20	62.66	-2.69
8	0.40	-1.70	-0.70	0.20	-2.10	0.20	5.53	61.76	2.50
9	1.00	-1.10	-0.40	0.00	-1.80	1.20	9.46	59.18	5.93
10	1.40	-0.80	-0.70	0.10	-1.20	1.70	12.50	53.75	10.05
11	1.80	-0.40	-0.20	-0.00	-0.20	2.00	12.52	45.93	12.27
12	2.10	-0.70	0.10	-0.20	-0.20	2.20	13.16	36.77	14.59
13	2.40	-1.00	0.10	-0.20	-0.10	2.20	14.58	26.93	16.33
14	3.10	-0.70	-0.30	-0.30	-0.40	1.90	14.15	15.36	14.96
15	2.80	-0.30	0.00	-0.10	-0.70	1.70	12.89	3.67	12.13
16	2.30	0.50	0.10	0.	-0.70	1.40	9.77	-6.00	9.86
17	2.00	0.90	0.20	0.00	-0.70	0.60	8.04	-18.88	7.75
18	1.60	1.10	0.20	0.20	-0.90	-0.00	3.89	-31.32	3.78
19	1.20	1.50	0.20	0.90	-0.90	-0.40	0.80	-41.16	-1.40
20	0.70	1.80	0.00	1.50	-0.70	-1.20	-3.10	-48.89	-3.60
21	-0.00	1.00	0.20	1.90	-0.50	-1.50	-3.52	-55.91	-4.60
22	-0.60	0.10	0.40	2.10	-0.30	-1.80	-9.34	-58.88	-3.30
23	-1.10	-0.30	0.50	1.20	0.00	-1.90	-11.37	-57.80	-3.70
24	-1.50	-1.40	0.20	1.00	-0.00	-2.10	-13.72	-55.74	-6.31
25	-2.30	-2.30	0.30	0.40	-0.00	-2.60	-14.13	-53.36	-7.44
26	-2.30	-3.00	0.50	-0.00	-0.10	-3.10	-14.80	-47.44	-10.39
27	-1.60	-3.70	-0.30	-0.70	-0.30	-3.30	-14.69	-38.55	-9.82
28	-1.40	-4.30	-0.70	-1.10	-0.80	-3.60	-14.37	-28.54	-10.63
29	-1.00	-4.00	-1.20	-0.70	-1.50	-3.80	-13.64	-17.41	-11.98
30	-0.30	-3.30	-1.30	-1.10	-1.70	-3.70	-12.23	-11.30	-11.47
31	0.50	-2.80	-0.80	-1.10	-1.70	-3.60	-10.08	6.68	-10.47
32	0.90	-2.50	-0.20	-1.10	-1.50	-3.30	-9.32	15.52	-9.37
33	0.90	-2.30	-0.00	-1.10	-1.40	-3.00	-10.62	23.88	-7.96
34	1.10	-1.90	0.20	-1.10	-1.40	-1.70	-11.32	30.12	-4.69
35	1.40	-1.50	0.20	-1.10	-1.30	-1.00	-11.95	33.37	-2.79
36	0.60	-1.10	-0.30	-0.80	-0.80	2.30	-13.65	36.06	5.93
37	0.40	-0.80	-0.70	-1.70	-0.50	4.11	-14.97	37.32	9.34
38	-0.00	-0.10	-1.00	-1.40	0.00	5.70	-16.74	36.34	11.67
39	-0.60	0.60	-1.40	-1.40	0.10	6.21	-22.57	34.30	13.91
40	-1.40	0.80	-2.30	-1.40	0.20	7.01	-28.08	30.56	13.91
41	0.	0	-2.00	-1.20	0.	7.80	-33.23	2.94	14.13
42	-0.50	1.50	-1.70	-1.20	-0.00	7.90	-36.18	13.44	12.94
43	-0.10	1.20	-1.60	-1.10	-0.10	7.80	-37.08	5.31	8.44
44	0.30	0.80	-1.20	-1.20	-0.00	7.69	-37.29	-3.41	4.68
45	0.20	0.60	-1.30	-1.10	-0.10	7.29	-36.24	-5.63	-0.50
46	-0.00	0.60	-1.20	-1.10	-0.30	6.59	-32.40	-7.33	-7.33
47	-0.10	0.80	-1.40	-1.10	-0.60	5.07	-25.13	-12.60	-10.13
48	-0.40	0.50	-1.20	-0.80	-0.90	-0.10	-13.61	-12.52	-11.65
49	-2.60	0.30	-1.00	-0.60	-1.20	-2.30	0.00	-16.96	-13.11
50	-3.30	0.40	-0.90	-0.40	-1.70	-2.90	8.07	-11.98	-10.76

RECORD=S-412
 DATE AND TIME=1968-10-08-09-50
 COMPONENT=N-S
 SIGNAL=GR.ACC,
 SAMPLING INTERVAL=0.010(SEC)
 CORRECTION=ARC.EPR,
 FORMAT NO.=301
 STATION=YAMASHITAHEN-S
 TOTAL NUMBER OF DATA= 3100

NO.	(100n)	(105n)	(110n)	(115n)	(120n)	(125n)	(130n)	(135n)	(140n)	(145n)
1	-8.98	3.10	4.99	-3.30	-0.10	-8.32	-5.69	-7.67	3.41	-0.90
2	-7.57	1.10	2.50	-3.50	-0.10	-9.40	-4.40	-5.19	6.21	-2.20
3	-5.09	-1.30	0.50	-3.30	0.20	-9.60	-3.29	-3.39	7.52	-2.80
4	-3.19	-2.60	-1.30	-2.60	0.60	-9.59	-0.80	-1.30	9.12	-3.40
5	-0.20	-2.30	-2.70	-2.30	1.10	-9.25	0.80	3.51	10.40	-4.51
6	3.21	-1.00	-3.90	-1.60	2.00	-6.59	2.70	8.43	10.42	-5.70
7	5.91	0.30	-4.10	-1.20	3.70	-5.78	4.41	10.74	11.43	-5.71
8	7.92	2.00	-3.30	-0.30	3.70	-3.69	5.81	12.51	12.41	-6.79
9	9.45	3.60	-2.80	1.20	4.20	-1.70	6.91	12.81	12.61	-5.99
10	11.96	3.70	-2.50	3.30	4.70	0.90	7.41	13.11	12.81	-5.09
11	13.81	3.00	-2.30	4.60	5.20	2.20	8.01	13.52	13.00	-4.09
12	13.98	1.40	-2.10	5.20	5.90	3.90	8.90	14.00	13.02	-2.60
13	13.41	-0.00	-2.00	6.00	5.39	4.60	8.70	13.96	10.96	-1.10
14	11.07	-1.20	-2.20	6.20	4.20	4.60	8.50	13.05	9.28	1.40
15	6.26	-2.20	-1.60	5.90	3.80	4.60	8.20	11.72	8.06	4.81
16	1.20	-2.70	-1.30	5.40	3.30	4.40	7.90	9.03	5.48	6.62
17	-5.82	-3.00	-0.70	5.00	2.40	4.40	7.59	5.28	1.80	9.01
18	-8.62	-2.80	-0.10	4.10	1.60	4.40	6.37	1.50	-0.69	9.81
19	-9.83	-2.50	0.00	2.90	0.10	4.40	2.40	-1.30	-2.20	10.30
20	-11.43	-2.40	0.10	2.30	-0.80	4.20	0.50	-5.01	-4.11	10.47
21	-12.60	-2.20	0.20	1.90	-1.10	4.20	-1.70	-6.82	-6.81	9.38
22	-12.49	-2.90	-0.60	-1.60	-1.30	3.50	-1.30	-8.71	-8.22	8.37
23	-12.17	-3.00	-1.50	-5.22	-1.60	3.30	-1.20	-9.51	-9.32	6.47
24	-11.16	-3.40	-3.60	-8.78	-1.70	3.10	-0.70	-9.82	-10.39	3.59
25	-9.68	-3.40	-4.81	-13.59	-1.60	2.90	-0.50	-10.60	-10.09	1.60
26	-8.64	-3.30	-6.30	-15.99	-1.60	2.90	-0.20	-10.71	-9.79	-0.40
27	-4.79	-3.10	-6.21	-17.60	-1.90	2.60	0.10	-11.08	-9.08	-3.30
28	-3.10	-3.30	-7.00	-17.54	-2.70	2.40	0.20	-10.29	-8.19	-4.41
29	-1.30	-4.20	-7.00	-16.45	-3.30	1.70	-0.30	-9.69	-7.60	-6.02
30	-1.30	-4.60	-6.59	-12.19	-4.90	1.10	-1.00	-9.19	-7.19	-8.01
31	-1.60	-4.30	-5.09	-8.87	-5.20	1.10	-2.90	-8.38	-6.29	-8.71
32	-3.10	-4.60	-4.09	-6.68	-4.80	0.90	-4.10	-7.39	-4.60	-9.20
33	-4.50	-5.30	-2.60	-4.89	-4.30	0.80	-4.70	-6.78	-3.90	-9.40
34	-5.30	-5.30	-0.40	-3.69	-3.30	0.50	-4.70	-5.19	-3.60	-9.57
35	-5.49	-5.30	1.60	-1.90	-2.30	0.20	-4.90	-4.30	-3.20	-8.28
36	-3.89	-5.10	4.51	0.50	-0.70	-0.80	-4.80	-3.50	-2.80	-6.99
37	-2.30	-4.70	6.51	2.60	0.10	-0.80	-4.10	-4.00	-2.00	-5.89
38	0.10	-3.89	8.11	4.70	0.70	-3.60	-2.90	-3.00	0.40	-4.57
39	1.90	-0.70	8.70	5.50	2.50	-2.90	-2.00	-3.00	1.60	1.20
40	4.91	1.10	8.90	6.20	3.80	-2.90	-2.00	-2.00	2.70	3.91
41	6.11	2.40	8.70	6.40	5.20	-4.80	-1.80	-1.10	2.10	5.51
42	7.21	3.90	8.68	6.40	5.80	-4.80	-2.50	0.00	2.70	7.21
43	8.00	4.60	7.49	5.90	5.30	-5.31	-2.50	0.50	2.70	8.11
44	7.80	5.00	6.48	5.50	4.79	-6.20	-3.30	0.60	2.20	9.08
45	7.90	5.40	4.39	5.59	2.80	-6.20	-4.40	-0.50	1.60	8.18
46	7.70	5.70	2.50	4.50	1.90	-6.30	-5.32	0.20	1.30	6.90
47	7.69	6.20	1.00	4.00	-1.70	-6.30	-8.81	0.70	0.80	6.99
48	6.59	6.40	-1.00	3.10	-3.41	-6.30	-9.70	1.20	0.30	6.40
49	5.89	6.40	-1.90	3.20	-5.61	-6.30	-9.89	1.40	-0.40	5.90
50	5.09	6.09	-2.70	1.30	-7.01	-6.29	-9.37	2.10	-0.70	5.79

RECORDS-412
DATE AND TIME=1968-10-08-09-50

COMPONENT=N-S
SAMPLING INTERVAL= 0.010(SEC)

SIGNAL=GR.ACC.
CORRECTION=ARC ERR.
FORMAT NO.=301

STATION=YAMASHITAHEN-S
TOTAL NUMBER OF DATA= 3100

NO.	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)
1	4.90	1.00	-0.00	4.98	-4.10	-2.70	-0.30	-1.70	-1.50	-1.00
2	4.20	1.10	-0.10	1.00	-5.21	-2.00	-0.50	-1.20	-0.70	-1.20
3	4.30	2.20	0.00	0.90	-6.31	-1.60	-1.30	0.00	-0.20	-1.90
4	4.10	4.00	0.20	0.10	-7.20	-1.40	-1.40	0.60	-0.20	-2.10
5	4.10	5.01	1.10	-0.90	-7.29	-0.30	-2.30	1.20	0.10	-2.60
6	3.90	6.51	3.30	-1.00	-6.29	0.50	-2.30	2.10	0.80	-2.60
7	3.70	7.72	4.51	-1.90	-5.29	1.00	-2.50	2.10	1.20	-2.90
8	3.00	9.23	5.90	-3.50	-3.30	1.40	-2.70	2.50	1.90	-2.90
9	2.40	10.94	6.50	-3.10	-2.30	1.60	-3.20	2.10	2.40	-2.10
10	2.10	12.52	6.90	-3.30	-1.70	1.80	-3.10	1.90	3.10	-1.50
11	0.80	13.23	7.31	-3.20	-1.00	0.80	-3.10	1.20	3.10	-0.70
12	0.20	13.92	8.40	-3.10	1.00	0.50	-2.70	0.80	3.20	-0.50
13	-0.00	14.27	8.59	-2.70	2.40	-0.80	-2.50	0.20	3.40	0.00
14	-0.80	11.37	7.89	-2.30	3.10	-1.70	-2.30	-0.60	3.40	0.20
15	-0.80	10.27	6.98	-2.00	3.50	-2.20	-2.30	-0.80	3.80	1.00
16	-1.10	9.07	4.89	-1.60	3.90	-2.80	-2.60	-1.90	3.90	1.70
17	-1.90	7.15	2.40	-1.30	4.20	-3.40	-2.40	-2.50	3.70	2.30
18	-2.50	2.40	-1.10	-0.60	3.80	-4.00	-2.40	-1.50	3.00	2.60
19	-2.70	-0.20	-3.10	0.20	3.70	-4.10	-2.30	-0.60	2.10	2.80
20	-2.70	-1.00	-3.92	0.80	3.10	-4.90	-2.30	-0.10	1.40	1.90
21	-2.70	-3.91	-8.62	1.20	2.80	-5.00	-1.20	0.10	1.20	1.60
22	-3.10	-7.33	-9.61	1.60	1.80	-5.00	-0.40	0.90	0.10	0.80
23	-3.10	-9.63	-9.90	2.10	2.20	-4.50	0.10	1.80	0.10	0.50
24	-3.60	-11.34	-10.08	2.40	2.80	-4.19	0.30	1.90	-0.80	-0.10
25	-4.30	-12.92	-9.38	2.80	3.40	-2.30	0.90	2.00	-1.40	-0.40
26	-4.90	-13.63	-8.58	3.20	3.90	-0.70	1.80	2.10	-1.80	-1.00
27	-5.70	-14.36	-7.08	3.10	4.20	0.10	3.50	2.50	-1.70	-1.60
28	-6.00	-13.35	-5.59	2.90	4.80	1.90	3.50	2.60	-2.10	-1.80
29	-6.51	-11.97	-4.09	-0.60	5.10	2.90	3.60	2.20	-2.00	-2.50
30	-7.30	-10.97	-2.70	-0.60	5.60	3.40	3.60	1.60	-2.10	-2.80
31	-7.20	-9.88	-1.70	-0.90	5.10	3.90	3.90	0.80	-2.00	-3.20
32	-6.90	-8.78	-0.70	-2.70	4.90	4.70	3.10	0.80	-1.90	-3.50
33	-6.50	-7.67	0.60	-4.21	4.30	4.40	2.50	-0.40	-1.80	-3.00
34	-6.60	-5.69	0.40	-5.90	3.10	3.50	1.80	-1.30	-1.70	-3.00
35	-6.50	-4.30	-0.00	-5.70	1.50	2.10	1.60	-1.40	-1.40	-2.30
36	-6.29	-3.30	-0.50	-6.30	1.10	1.70	0.50	-2.70	-1.30	-2.00
37	-5.10	-1.80	-0.90	-6.80	-1.60	0.20	-0.00	-3.70	-1.80	-1.70
38	-4.70	-0.90	-1.30	-6.90	-3.00	-1.00	-0.80	-2.20	-2.20	-1.50
39	-3.70	-0.30	-1.80	-6.80	-4.20	-1.80	-1.00	-3.40	-2.40	-0.40
40	-3.80	0.10	-2.30	-6.49	-5.00	-2.20	-2.20	-4.10	-1.10	0.00
41	-3.50	0.40	-1.80	-5.40	-5.70	-3.00	-2.50	-4.70	0.40	0.40
42	-2.90	0.80	-1.30	-4.80	-6.40	-4.10	-3.00	-5.10	0.20	0.50
43	-2.80	0.30	-0.10	-4.20	-6.30	-4.10	-3.70	-5.10	1.20	0.50
44	-1.90	0.50	0.70	-3.50	-6.50	-3.70	-4.90	-4.90	1.00	0.10
45	-1.50	0.	4.60	-2.50	-6.20	-2.50	-4.40	-4.40	1.60	-0.00
46	-0.20	0.00	5.61	-1.30	-6.00	-1.30	-4.40	-4.40	2.10	-0.50
47	0.10	0.10	6.50	-0.80	-5.40	-0.40	-4.70	-4.00	1.50	-0.60
48	0.40	-0.00	6.40	-0.80	-4.90	0.80	-3.90	-3.70	3.90	-0.20
49	0.50	-0.20	6.10	-1.30	-4.30	0.80	-3.50	-3.20	3.20	0.10
50	0.30	-0.30	5.89	-1.70	-3.80	-0.30	-2.00	-2.40	-0.70	2.30

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.30	-0.10	-1.00	1.40	3.50	1.80	0.20	-0.30	1.60	2.60
2	-0.40	-0.30	-0.70	1.40	2.90	1.70	0.00	-0.70	1.30	2.70
3	-0.40	-0.70	-0.40	0.80	1.60	1.20	0.30	-1.10	1.50	2.80
4	-0.40	-0.90	-0.20	1.20	0.80	0.10	-0.00	-0.70	0.70	3.00
5	-1.10	-1.10	-0.10	1.80	1.20	0.40	0.40	-0.30	0.40	2.30
6	-0.40	-0.20	-0.00	0.70	0.80	0.00	-0.60	0.00	-0.30	1.80
7	-0.40	0.10	-0.30	0.30	0.10	0.10	-0.30	0.30	-0.00	1.30
8	-0.40	0.90	0.	0.10	-0.80	0.	-0.90	0.60	-0.30	0.60
9	-0.40	0.90	0.	-0.30	-1.20	0.00	-0.90	1.10	0.00	-0.80
10	-0.40	0.80	0.00	-1.50	-1.20	0.10	-1.30	0.00	0.40	-2.30
11	-0.40	1.00	0.40	-2.30	-0.90	-0.20	-1.60	0.50	0.40	-3.10
12	-0.40	0.80	0.50	-2.00	-1.50	-0.00	-1.20	1.00	0.40	-3.60
13	-0.40	0.70	0.40	-1.20	-1.80	-0.30	-0.70	1.10	-0.40	-3.20
14	-0.40	0.60	0.50	-0.40	-1.10	-0.30	-0.20	1.30	-0.80	-2.70
15	-0.40	0.20	0.50	-0.50	-0.60	0.30	-1.20	1.60	-2.30	-2.30
16	-0.60	0.20	0.60	0.	-0.30	-0.30	0.80	1.80	-0.90	-2.00
17	-1.10	0.10	-0.00	0.	0.70	0.00	1.40	1.60	-0.30	-1.60
18	-1.70	-0.40	-0.40	0.	1.00	0.20	2.10	1.70	-0.00	-1.00
19	-1.90	-0.30	-1.10	0.00	0.50	0.50	2.70	1.20	-0.50	-0.40
20	-1.20	-0.30	-1.30	0.10	1.10	0.20	3.10	0.70	-0.20	0.10
21	2.00	0.	-1.30	0.30	1.10	0.00	2.40	0.20	0.80	0.70
22	3.40	-0.00	-1.50	0.70	1.10	0.90	2.00	0.50	0.80	0.40
23	1.80	-0.30	-0.80	0.80	0.70	0.90	2.40	0.20	1.20	0.70
24	1.10	0.30	-0.40	1.40	1.50	1.20	2.30	-0.30	1.80	1.20
25	1.80	0.70	0.10	0.50	1.70	1.60	1.90	-0.00	2.10	1.90
26	0.40	0.70	0.60	0.60	2.10	1.60	1.90	-0.20	1.60	1.80
27	-0.80	0.70	1.10	0.00	2.60	1.90	1.20	-0.00	1.90	1.90
28	0.00	0.50	0.80	0.50	2.90	1.70	0.90	-0.80	1.60	0.80
29	0.90	0.80	1.50	1.20	2.10	1.10	-0.00	-0.00	1.60	0.50
30	-0.00	0.30	1.50	0.90	1.60	1.00	-0.90	-0.30	1.40	0.20
31	-0.20	-0.30	2.20	1.40	0.90	-0.20	-1.50	-0.00	1.10	-0.20
32	0.40	-0.00	3.00	1.20	-0.20	-0.20	-2.20	-0.40	0.90	-0.20
33	0.60	-0.20	2.40	0.90	-0.70	-1.50	-1.80	-0.00	0.10	0.40
34	0.90	-0.60	1.80	0.90	-1.20	-2.10	-1.40	-0.20	-0.40	0.
35	0.50	-0.50	1.90	-0.00	-0.70	-1.60	-0.70	-0.60	-1.20	-0.00
36	0.40	0.	0.90	-0.70	-1.70	*1.10	0.00	-0.30	-1.60	-0.90
37	0.50	0.	0.20	-1.10	-2.10	-0.60	0.20	0.	-2.00	-1.50
38	0.30	-0.00	-1.30	-1.40	-2.50	-0.20	0.70	0.00	-2.60	-1.80
39	0.10	-0.20	-1.50	-1.40	-2.70	0.30	1.00	0.40	-2.70	-1.60
40	-0.10	-0.20	-0.60	-1.00	-2.40	0.90	2.10	0.80	-2.40	-0.50
41	-0.30	-0.20	-0.10	-0.70	-2.00	1.00	2.60	1.20	-2.30	-0.30
42	-0.40	-0.40	-0.30	-0.50	-1.70	1.40	1.90	1.70	-1.70	0.20
43	-0.50	-0.70	-0.80	-0.10	-0.60	1.80	1.70	2.10	-1.30	0.40
44	-0.10	-0.40	-0.40	0.00	0.60	3.00	1.90	2.50	-0.80	0.50
45	0.10	0.10	0.00	0.20	1.10	3.70	1.20	2.60	0.00	0.40
46	0.00	0.20	0.50	0.70	1.90	2.50	0.50	0.10	0.60	0.60
47	0.60	0.20	1.10	1.20	2.80	2.40	0.70	2.80	0.90	0.80
48	1.50	-0.00	1.70	1.50	2.00	2.00	0.50	2.90	1.10	1.00
49	0.70	-0.50	2.00	2.30	2.40	1.20	0.10	2.50	1.80	1.20
50	0.10	-0.80	2.40	2.90	1.90	0.60	0.40	1.90	2.10	1.60

RECORDS=412
DATE AND TIME=1968-10-08-09-50

SIGNAL=GR. ACC.
CORRECTION=ZERO. ARC
FORMAT NO. 301

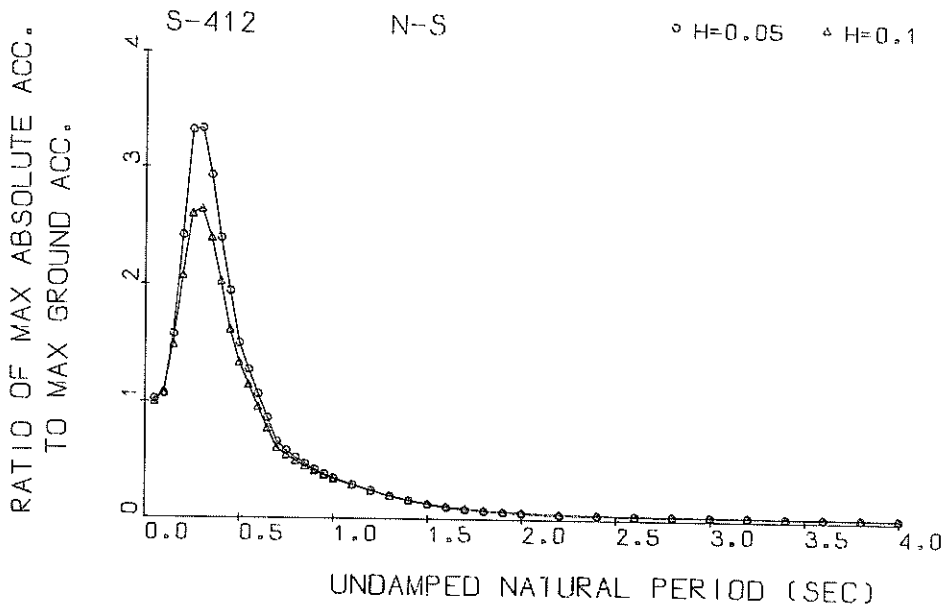
STATION=YAMASHITAHEN-S
TOTAL NUMBER OF DATA= 3100

RECORD-S-412	COMPONENT=E-W	SIGNAL=GR.ACC.	CORRECTION=ZERO.ARC	STATION=YAMASHITAHEN-S			
DATE AND TIME=1968-10-08-09-50	SAMPLING INTERVAL=0.030(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 3100				
NO.	(500)	(600)	(700)	(800)	(900)	(950)	
1	1.90	2.20	0.60	-0.70	2.20	-8.77	-17.14
2	1.00	2.60	0.60	-0.70	2.90	-6.73	-19.27
3	0.60	2.10	-0.30	-0.30	3.60	0.00	-3.40
4	0.40	2.10	-0.30	-0.30	3.90	2.81	-4.81
5	-0.00	0.90	-0.90	-0.30	4.70	6.87	-17.14
6	-0.30	0.30	-0.60	-0.00	4.10	13.60	-14.66
7	-0.60	-0.20	-1.00	-0.40	3.90	16.05	-11.40
8	-1.00	-0.70	-0.60	-0.80	3.40	16.94	-1.30
9	-1.30	-1.30	-0.20	-1.30	3.00	17.64	3.70
10	-0.90	-0.80	0.40	-1.90	2.40	18.27	3.94
11	-0.60	-1.30	0.00	-1.30	1.90	19.26	14.70
12	0.20	-1.40	1.80	-0.90	1.50	20.00	19.05
13	0.60	-1.70	0.80	0.00	0.00	19.90	21.19
14	1.10	-4.50	1.60	0.70	-2.30	18.59	-8.45
15	1.00	-2.20	-3.80	1.40	-3.40	15.68	25.17
16	0.60	-2.70	1.00	1.80	-3.80	11.74	-1.50
17	1.00	-3.00	0.40	2.20	-4.30	9.82	27.06
18	0.50	-2.50	0.10	2.50	-5.01	6.18	27.75
19	0.10	-2.20	-0.10	2.50	-6.22	3.29	26.56
20	-0.00	-1.90	-0.30	2.00	-8.11	-0.00	28.86
21	-0.10	-1.70	-0.60	1.60	-8.71	-4.41	0.50
22	-0.20	-1.90	-1.30	1.90	-9.62	-6.82	4.94
23	-0.20	-1.70	-1.70	1.50	-10.41	-8.84	12.46
24	0.10	-2.00	-1.80	1.00	-10.92	-11.03	14.13
25	0.70	-1.70	-3.30	0.40	-11.62	-12.35	14.67
26	1.20	-1.20	-1.70	-0.00	-12.18	-13.84	2.49
27	1.40	-0.30	-3.70	-0.00	-11.55	-12.43	-5.52
28	1.90	0.20	-3.80	-1.30	-9.98	-10.22	-7.93
29	1.60	1.20	-3.80	-2.80	-8.89	-6.44	-10.28
30	2.00	1.70	-1.20	-2.80	-8.17	-0.30	-13.70
31	1.60	2.10	-0.80	-3.30	-6.28	1.00	-15.16
32	1.10	2.10	-0.30	-2.60	-4.09	2.40	-15.31
33	0.90	2.40	0.30	-2.70	-1.00	2.50	-3.45
34	0.30	2.10	0.60	-2.30	0.60	3.40	-7.14
35	0.10	2.20	1.20	-1.70	0.60	3.90	-1.40
36	-0.60	2.00	0.40	-1.00	0.60	4.60	0.00
37	-1.20	1.50	0.40	-0.60	1.30	4.60	2.40
38	-1.40	-0.60	0.10	0.10	2.00	4.90	2.90
39	-1.20	-3.00	1.40	0.10	1.50	5.20	3.20
40	-1.30	-1.00	1.80	1.00	1.30	4.70	2.70
41	-0.60	-2.20	2.00	0.70	0.70	4.40	1.90
42	-0.00	-2.70	1.70	1.90	0.40	4.20	0.90
43	-0.20	-2.30	2.20	1.30	1.40	3.10	-2.90
44	0.20	-1.70	2.50	1.60	-1.40	3.10	-0.40
45	0.50	-1.30	2.80	2.10	-3.40	3.10	-4.20
46	0.50	-0.70	2.50	3.40	-5.20	3.40	-5.82
47	0.90	-0.70	1.80	3.30	-6.71	3.90	-8.54
48	1.00	-0.30	1.80	3.30	-7.42	4.10	-10.66
49	1.30	0.00	1.80	3.70	-8.72	4.10	-13.52
50	1.80	-0.70	0.70	3.20	-10.99	2.30	-8.62
		-1.30	-0.00	-10.99	-10.65	1.80	-10.05
		0.80	0.80	2.60	-10.65	1.80	-19.15
							-17.28

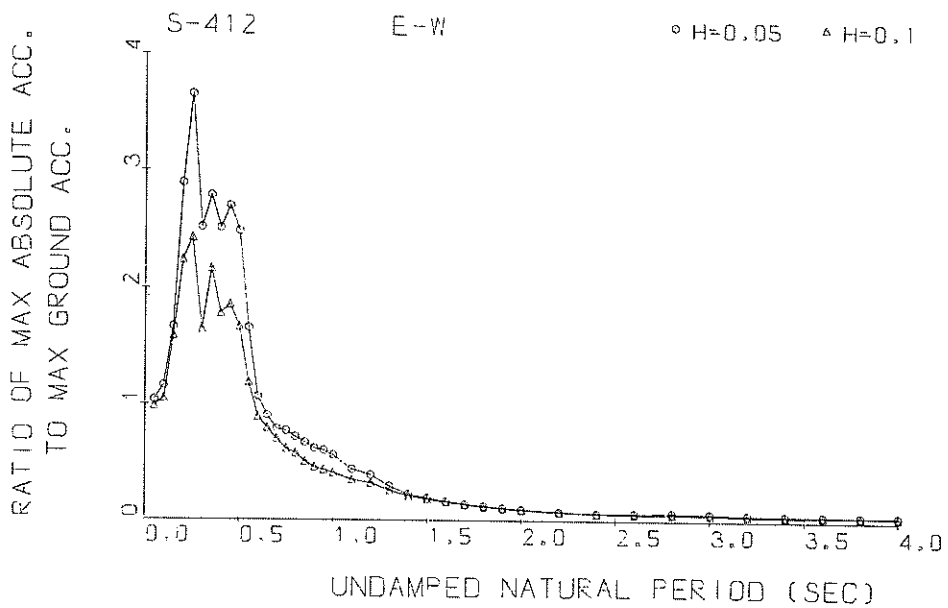
NO.	(1000)	(1050)	(1100)	(1150)	(1200)	(1250)	(1300)	(1350)	(1400)	(1450)
1	-15.35	-8.74	12.34	4.64	5.95	-4.18	3.20	0.79	4.88	5.16
2	-12.23	-10.01	11.52	2.34	7.43	-4.79	3.70	1.78	6.07	6.76
3	-4.09	-9.41	9.84	-3.46	7.43	-5.98	3.20	3.08	6.16	7.75
4	-0.41	-8.56	8.72	-6.68	7.43	-5.79	2.39	3.98	4.96	7.95
5	1.99	-4.41	6.15	-8.98	7.72	-5.79	1.89	5.17	4.46	7.53
6	4.10	0.47	4.55	-10.22	7.32	-5.18	-2.81	3.97	3.26	6.32
7	6.85	2.68	4.23	-12.93	6.72	-3.19	-4.31	3.77	1.95	3.83
8	13.60	8.67	-0.25	-14.75	6.21	-1.40	-5.12	2.77	-0.95	1.74
9	16.47	15.07	-2.05	-14.45	5.01	-0.50	-5.51	1.27	-2.05	0.33
10	18.80	17.19	-1.75	-13.92	4.01	1.10	-4.91	-1.04	-2.05	-0.97
11	19.64	19.06	-1.56	-12.82	3.70	3.40	-3.42	-2.04	-3.05	-1.37
12	20.43	19.03	-0.96	-11.20	0.41	4.70	-2.52	-0.74	-5.16	-2.17
13	20.92	18.65	-0.86	-4.85	0.61	5.51	-0.93	-0.04	-6.27	-2.77
14	20.29	17.23	-0.66	-0.08	0.00	8.85	1.27	1.56	-7.27	-2.88
15	9.28	5.43	-0.27	0.92	0.80	2.37	2.87	1.45	-8.6	-2.78
16	16.76	15.01	0.13	2.42	1.20	15.17	3.97	1.85	-8.06	-2.18
17	11.87	14.11	1.23	4.22	1.60	16.92	4.87	1.65	-7.33	-1.08
18	8.82	13.27	2.93	5.83	1.30	17.32	6.36	1.75	-4.06	0.31
19	6.55	11.29	4.73	7.73	0.99	18.09	8.67	1.54	-1.47	1.71
20	5.15	9.89	6.43	9.14	0.89	16.82	9.39	1.74	1.63	3.22
21	4.25	6.91	6.92	11.01	1.19	15.91	10.99	2.04	4.23	5.82
22	3.45	3.93	6.41	11.09	2.19	14.76	12.38	3.04	6.45	7.01
23	2.95	1.13	5.70	10.66	2.98	12.27	13.13	3.74	9.64	7.79
24	2.44	-2.67	4.01	9.18	2.88	6.43	12.43	4.03	10.86	6.49
25	-3.56	-4.17	2.21	8.08	3.88	2.36	11.72	4.73	12.74	5.79
26	-6.4	-4.7	-0.29	6.6	2.67	-0.94	10.77	5.03	13.43	4.99
27	-8.58	-5.38	-1.19	5.18	1.47	-1.94	8.01	4.72	13.98	3.79
28	-9.98	-6.18	-2.10	4.18	-1.33	-5.05	5.92	4.42	13.13	2.89
29	-11.00	-6.18	-4.61	1.58	-3.23	-6.55	3.63	4.12	11.07	1.49
30	-12.10	-6.19	-6.82	-1.22	-4.94	-7.36	1.33	2.92	9.86	0.59
31	-10.13	-7.20	-8.53	-2.72	-7.25	-8.37	-1.37	1.92	8.07	-1.22
32	-8.14	-8.40	-10.13	-3.33	-8.34	-9.37	-6.70	1.31	5.78	-1.92
33	-5.87	-9.51	-11.14	-3.33	-8.32	-10.18	-10.16	0.71	3.09	-2.82
34	-4.77	-10.61	-12.40	-5.72	-6.83	-11.49	-9.66	-0.69	0.49	-4.12
35	-4.08	-11.22	-13.96	-5.33	-5.23	-12.67	-9.17	-0.99	-1.51	-4.33
36	-3.08	-12.32	-10.25	-6.03	-3.64	-12.93	-8.58	-1.60	-4.22	-4.72
37	-2.78	-13.05	-7.46	-5.64	-1.45	-11.88	-8.87	-1.00	-6.26	-3.43
38	-2.39	-14.50	-3.21	-6.14	-0.55	-9.01	-8.28	-1.30	-9.74	-2.63
39	-1.89	-14.46	-0.62	-6.54	-0.85	-7.98	-7.98	-1.80	-10.94	-1.73
40	-1.19	-13.43	1.78	-6.94	0.24	-5.65	-3.07	-1.80	-11.83	-1.34
41	-1.19	-11.33	4.09	-6.83	1.04	-1.37	-5.18	-1.61	-12.13	-2.44
42	-1.80	-8.52	7.22	-5.94	2.04	-0.28	-2.49	-2.11	-12.28	-3.04
43	-2.40	-2.81	11.11	-5.14	1.74	1.12	-1.80	-1.81	-10.99	-2.14
44	-2.90	-0.42	12.78	-3.65	2.24	1.32	-1.50	-1.71	-9.49	-1.65
45	-3.91	0.38	13.27	-3.25	2.73	2.12	-1.70	-1.72	-7.61	-1.15
46	-6.11	2.88	13.32	-0.55	3.13	3.01	-1.40	-0.52	-5.81	-0.35
47	-6.71	4.59	12.14	1.34	2.13	3.01	-1.10	0.98	-2.83	0.25
48	-7.42	7.50	11.49	2.34	1.32	3.91	-0.71	2.88	-0.54	0.84
49	-8.31	9.31	9.13	4.55	-0.88	4.30	-0.01	3.17	1.46	1.84
50	-8.32	11.30	7.42	5.74	-2.48	3.20	-0.31	3.28	3.06	1.64

RECORD=S-412 COMPONENT=E-H SIGNAL=GR.ACC. CORRECTION=ZERO.ARC STATION=YAMASHITAHEN-S
 DATE AND TIME=1968-10-08-09-50 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=3100

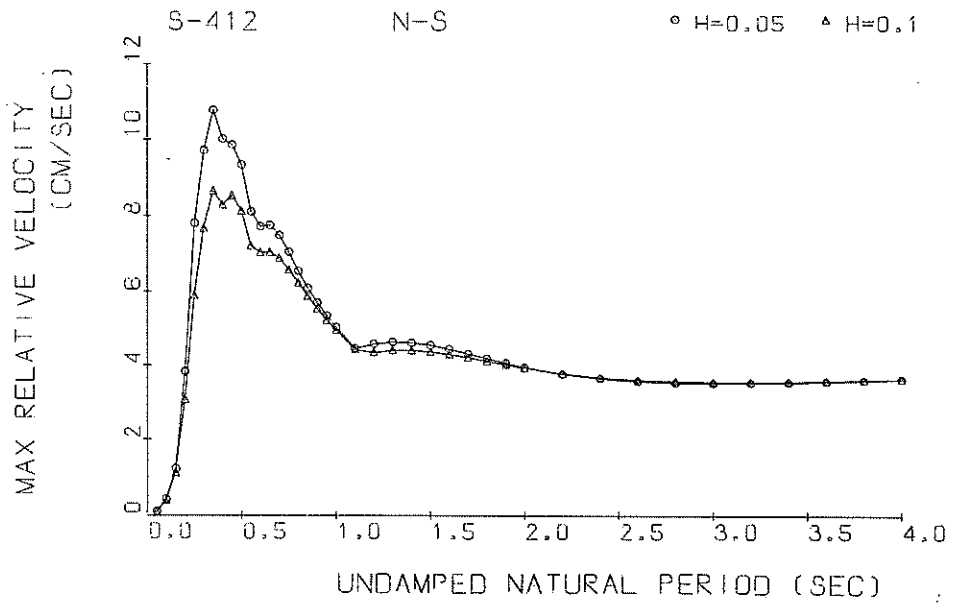
NO.	RECORDS=412 DATE AND TIME=1968-10-08-09-50										COMPONENTE=H SAMPLING INTERVAL= 0.010(SEC)										SIGNAL=BR.ACC. CORRECTION=ZERO.ARC FORMAT NO.=301										STATION=YAMASHITAHFEN-S TOTAL NUMBER OF DATA= 3100									
	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)	(1500)	(1550)	(1600)	(1650)	(1700)	(1750)	(1800)	(1850)	(1900)	(1950)
1	2.24	8.12	-11.80	-6.80	-1.83	-9.16	-2.87	2.62	-0.69	-0.61																														
2	2.53	7.81	-11.86	-5.20	-1.83	-9.95	-7.97	3.02	-0.40	-0.21																														
3	2.23	7.51	-11.28	-3.61	-1.53	-9.94	-8.58	1.52	0.40	0.89																														
4	1.33	6.60	-10.56	-1.82	-0.93	-9.42	-9.59	0.62	0.90	0.38																														
5	1.03	5.20	-8.81	-0.92	-0.54	-7.54	-10.47	-0.09	1.80	0.38																														
6	9.03	3.80	-3.30	-0.22	-0.84	-6.44	-10.63	0.31	2.70	1.18																														
7	-0.28	1.81	-0.01	0.07	-1.34	-5.14	-8.85	-0.49	3.29	1.18																														
8	-0.08	0.60	1.69	0.47	-1.64	-2.36	-7.15	-2.19	3.99	1.57																														
9	-0.98	-0.40	2.59	0.43	-1.95	-4.87	-4.87	-2.60	4.69	1.57																														
10	-2.18	-3.81	3.19	-0.73	-2.25	-0.07	-3.58	-3.30	4.99	2.47																														
11	-2.59	-5.51	4.69	-1.23	-3.15	0.63	-1.88	-4.50	4.88	2.47																														
12	-3.49	-7.02	5.48	-1.24	-4.65	1.23	0.11	-5.61	3.68	3.46																														
13	-3.09	-8.63	6.18	-1.44	-3.95	1.83	1.61	-6.22	2.68	3.36																														
14	-3.29	-10.04	6.07	-1.54	-3.56	3.73	2.21	-8.19	1.98	2.96																														
15	-3.39	-11.84	5.77	-1.54	-3.96	4.03	3.11	-7.20	2.57	2.56																														
16	-2.90	-12.33	5.07	-1.15	-3.94	5.62	3.61	-6.20	1.37	1.86																														
17	-2.50	-12.79	5.37	-0.55	-4.16	5.42	4.21	-5.31	0.27	0.95																														
18	-1.50	-12.09	5.16	-0.15	-4.07	5.62	5.61	-4.31	-1.03	0.15																														
19	-1.00	-11.29	4.06	0.35	-3.77	5.71	7.19	-3.22	-1.14	-0.95																														
20	0.69	-10.21	2.06	1.64	-3.27	5.71	6.89	-1.82	-2.44	-2.85																														
21	0.59	-9.42	0.46	2.14	-2.07	5.91	6.58	-0.12	-2.54	-3.16																														
22	0.89	-8.91	-1.84	2.64	-2.48	5.60	5.59	-2.44	-1.58	-3.46																														
23	0.69	-7.71	-2.95	4.14	-1.68	5.30	4.89	4.68	-1.54	-3.16																														
24	1.28	-6.02	-2.45	4.94	-1.28	4.80	4.89	5.88	-0.35	-3.66																														
25	1.28	-4.33	-2.45	5.13	-1.08	4.30	5.08	6.78	0.25	-3.86																														
26	1.58	-2.64	-2.05	5.13	-0.69	3.70	4.28	7.56	0.95	-3.47																														
27	1.98	-1.64	-1.36	4.53	-0.79	3.29	3.58	7.15	1.75	-4.37																														
28	1.67	-1.34	-0.96	4.82	1.31	2.29	2.98	6.36	2.35	-3.47																														
29	1.97	-0.64	-0.06	3.42	1.51	0.79	2.77	6.84	3.14	-2.97																														
30	1.97	0.25	0.74	2.92	2.01	-0.31	2.87	5.25	3.44	-2.58																														
31	1.67	2.55	0.84	2.42	2.70	-0.91	2.27	4.05	2.84	-2.28																														
32	0.76	4.76	1.93	1.72	3.00	-1.32	2.17	2.45	2.03	-1.88																														
33	-0.34	7.47	3.03	1.01	3.50	-1.82	1.46	-0.05	1.63	-1.78																														
34	-1.24	9.07	4.23	0.71	4.20	-1.82	1.16	-2.45	1.03	-1.39																														
35	-1.84	10.56	5.42	0.11	5.80	-1.72	0.26	-3.36	0.33	-1.69																														
36	-2.64	11.28	4.22	-0.49	7.10	-1.33	-1.54	-4.36	0.03	-1.49																														
37	-2.15	12.61	4.62	0.20	7.89	-0.03	-2.55	-4.97	-0.18	-0.89																														
38	-2.45	11.70	3.92	0.50	7.88	0.57	-4.75	-6.48	-2.18	-0.30																														
39	-0.85	10.50	3.31	0.80	7.48	0.37	-5.54	-7.86	-2.48	0.20																														
40	-0.65	9.20	0.91	0.50	6.76	1.87	-4.43	-7.37	-2.89	0.70																														
41	0.04	7.81	-1.09	0.20	4.88	1.96	-3.55	-7.75	-4.28	1.60																														
42	0.24	6.71	-2.39	-0.21	4.08	2.56	-2.96	-6.56	-3.49	2.20																														
43	0.94	4.61	-3.60	-0.51	3.87	2.96	-2.66	-5.27	-3.19	2.59																														
44	3.84	1.72	-4.91	-0.71	2.17	3.86	-2.36	-4.27	-2.79	3.29																														
45	5.04	-0.88	-7.31	-0.41	0.67	2.95	-2.16	-3.38	-2.49	3.99																														
46	6.85	-3.09	-8.62	-0.82	-1.73	2.15	-1.46	-5.48	-2.10	4.39																														
47	8.23	-5.10	-10.11	-2.22	-3.24	2.05	-0.37	-2.78	-2.00	4.89																														
48	8.13	-7.72	-10.29	-3.32	-5.15	1.35	0.23	-1.99	-2.00	5.28																														
49	6.62	-10.22	-9.59	-2.22	-7.55	0.74	1.28	-1.39	-1.40	5.57																														
50	8.52	-11.31	-8.78	-1.63	-7.06	-0.76	1.63	-0.99	-1.11	4.77																														



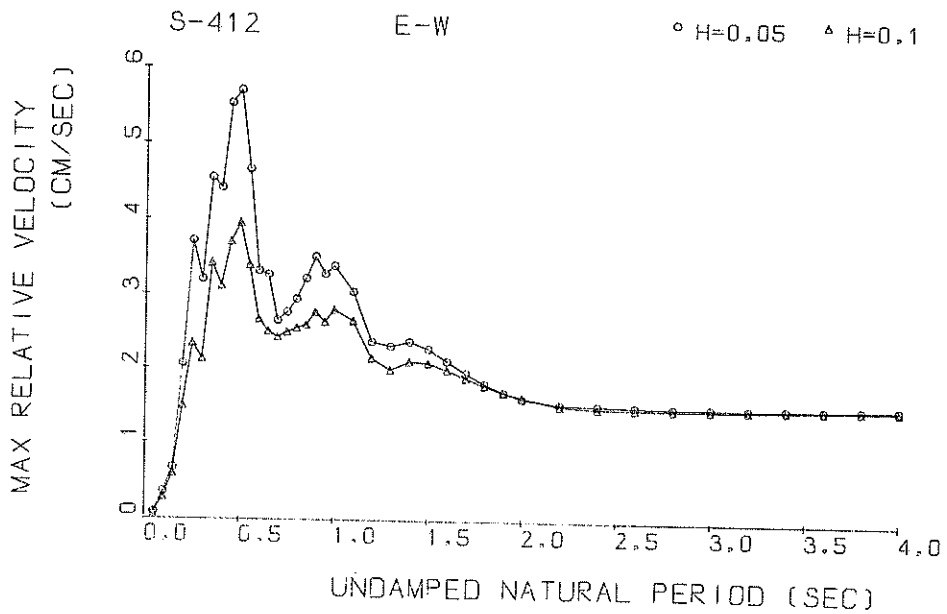
Response Spectra



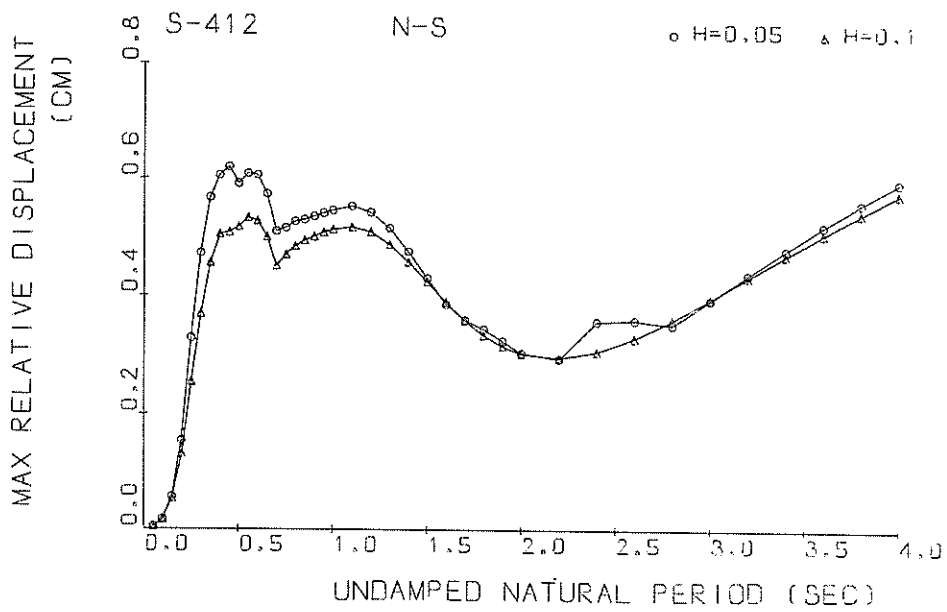
Response Spectra



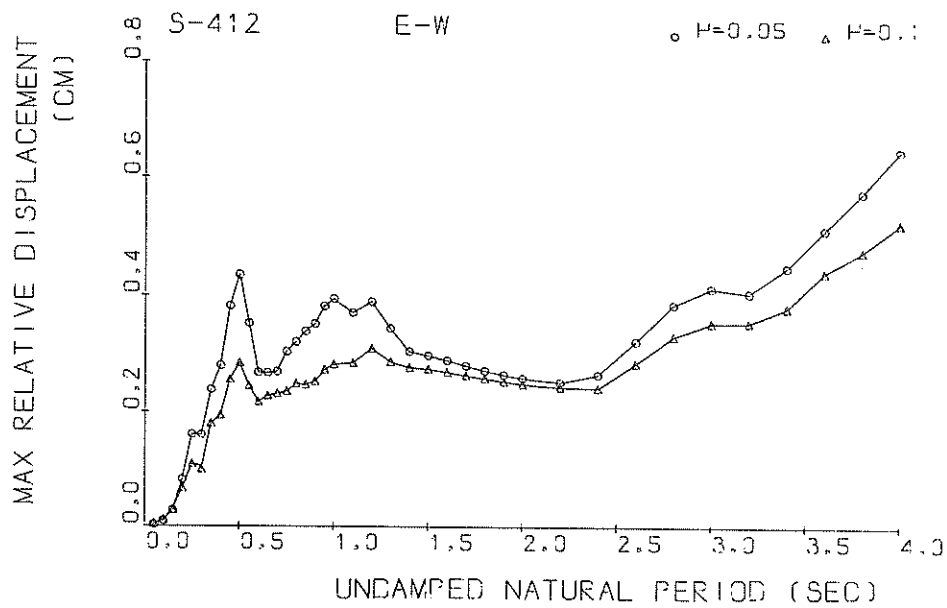
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-412 N-S 1968-10-08-09-50 CHIBAKEN CHURU
 STATION = YAMASHITAHEN-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 10.000(SEC) SKIPPED LENGTH = 7.000(SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 62.66(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.021	63.94	6.98	0.104	0.0040
0.100	1.069	66.97	15.90	0.446	0.0170
0.150	1.578	98.84	36.19	1.240	0.0561
0.200	2.419	151.60	97.12	3.839	0.1537
0.250	3.325	208.33	184.52	7.816	0.3288
0.300	3.338	209.18	212.58	9.729	0.4729
0.350	2.933	183.79	196.92	10.782	0.5679
0.400	2.397	150.16	182.99	10.023	0.6062
0.450	1.949	122.13	159.45	9.877	0.6210
0.500	1.502	94.13	147.91	9.355	0.5919
0.550	1.281	80.27	138.03	8.126	0.6095
0.600	1.073	67.21	126.10	7.739	0.6072
0.650	0.867	54.30	112.43	7.772	0.5751
0.700	0.665	41.65	98.86	7.508	0.5106
0.750	0.586	36.72	94.98	7.071	0.5168
0.800	0.526	32.97	92.74	6.560	0.5279
0.850	0.471	29.50	90.24	6.112	0.5315
0.900	0.423	26.53	87.89	5.722	0.5368
0.950	0.385	24.12	85.83	5.377	0.5423
1.000	0.352	22.05	84.01	5.058	0.5474
1.100	0.295	18.46	80.79	4.494	0.5545
1.200	0.244	15.30	77.79	4.617	0.5440
1.300	0.199	12.45	75.02	4.666	0.5172
1.400	0.159	9.98	72.58	4.650	0.4773
1.500	0.127	7.94	70.55	4.581	0.4320
1.600	0.101	6.34	68.94	4.474	0.3881
1.700	0.082	5.16	67.71	4.347	0.3625
1.800	0.071	4.43	66.79	4.217	0.3468
1.900	0.060	3.77	66.11	4.093	0.3265
2.000	0.051	3.22	65.63	3.980	0.3062
2.200	0.041	2.54	65.05	3.797	0.2964
2.400	0.040	2.50	64.76	3.673	0.3603
2.600	0.034	2.16	64.61	3.597	0.3632
2.800	0.033	2.08	64.53	3.559	0.3555
3.000	0.032	2.02	64.48	3.547	0.3472
3.200	0.031	1.97	64.43	3.553	0.4403
3.400	0.031	1.92	64.38	3.572	0.4830
3.600	0.030	1.86	64.33	3.599	0.5243
3.800	0.029	1.81	64.27	3.630	0.5635
4.000	0.028	1.74	64.22	3.664	0.6004

RESPONSE SPECTRUM

RECORD = S-412 N-S 1968-10-08-09-50 CHIBAKEN CHURU
 STATION = YAMASHITAHEN-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.
 TIME LENGTH = 10.000(SEC) SKIPPED LENGTH = 7.000(SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 62.65(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.007	63.12	5.40	0.100	0.0040
0.100	1.081	67.74	11.94	0.424	0.0171
0.150	1.492	93.50	30.84	1.146	0.0528
0.200	2.080	130.35	76.18	3.089	0.1313
0.250	2.606	163.25	137.94	5.918	0.2551
0.300	2.645	165.73	169.13	7.697	0.3699
0.350	2.401	150.46	165.66	8.678	0.4565
0.400	2.033	127.38	157.21	8.309	0.5043
0.450	1.619	101.47	137.52	8.559	0.5076
0.500	1.340	83.95	133.55	8.149	0.5172
0.550	1.150	72.08	126.52	7.229	0.5337
0.600	0.962	60.29	117.99	7.055	0.5280
0.650	0.780	48.86	107.74	7.062	0.5005
0.700	0.611	38.31	97.19	6.899	0.4509
0.750	0.550	34.46	89.84	6.587	0.4703
0.800	0.500	31.34	88.32	6.241	0.4847
0.850	0.455	28.48	86.51	5.884	0.4944
0.900	0.414	25.92	84.93	5.550	0.5008
0.950	0.378	23.67	83.39	5.242	0.5078
1.000	0.346	21.68	81.95	4.967	0.5130
1.100	0.292	18.27	79.27	4.447	0.5170
1.200	0.245	15.34	76.77	4.370	0.5089
1.300	0.204	12.76	74.45	4.428	0.4876
1.400	0.168	10.55	72.39	4.425	0.4583
1.500	0.139	8.73	70.64	4.380	0.4243
1.600	0.116	7.26	69.21	4.310	0.3904
1.700	0.098	6.12	68.08	4.222	0.3601
1.800	0.084	5.24	67.21	4.126	0.3352
1.900	0.073	4.59	66.54	4.032	0.3165
2.000	0.065	4.10	66.03	3.943	0.3042
2.200	0.055	3.46	65.37	3.794	0.2967
2.400	0.049	3.09	65.00	3.688	0.3074
2.600	0.046	2.87	64.78	3.620	0.3307
2.800	0.044	2.73	64.65	3.582	0.3419
3.000	0.042	2.61	64.55	3.567	0.3973
3.200	0.040	2.52	64.48	3.568	0.4347
3.400	0.039	2.43	64.42	3.581	0.4723
3.600	0.037	2.34	64.35	3.601	0.5091
3.800	0.036	2.26	64.29	3.626	0.5445
4.000	0.035	2.18	64.23	3.654	0.5782

RESPONSE SPECTRUM

RECORD = 3-412 E-W 1968-10-08-09-50 CHIBAKEN CHURU
 STATION = YAMASHITAHEN-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 10.000(SEC) SKIPPED LENGTH = 7.000(SEC)
 DAMPING COEFFICIENT = 0.050 MAY.GROUND ACC.= 27.75(GAL)

PERIOD (SEC)	ACCELF RA/TJO	ABSOLUT ACCHLE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.038	28.89	8.68	0.084	0.0018
0.100	1.166	32.35	22.22	0.353	0.0082
0.150	1.671	46.37	20.70	0.666	0.0263
0.200	2.888	80.15	56.33	2.055	0.0807
0.250	3.654	101.40	94.85	3.711	0.1593
0.300	2.213	69.74	73.24	3.198	0.1585
0.350	2.789	77.39	81.81	4.550	0.2384
0.400	2.208	69.61	75.42	4.422	0.2803
0.450	2.698	74.88	76.46	5.535	0.3822
0.500	2.483	68.91	81.13	5.706	0.4343
0.550	1.670	46.34	63.87	4.665	0.3531
0.600	1.071	29.73	56.72	3.313	0.2687
0.650	0.908	25.19	46.14	3.267	0.2676
0.700	0.788	21.86	37.73	2.659	0.2691
0.750	0.775	21.50	35.51	2.765	0.3040
0.800	0.720	19.98	39.65	2.941	0.3211
0.850	0.674	18.72	39.63	3.217	0.3388
0.900	0.621	17.23	34.47	3.503	0.3516
0.950	0.604	16.76	32.77	3.280	0.3813
1.000	0.564	15.65	34.65	3.385	0.3937
1.100	0.441	12.23	38.71	3.042	0.3705
1.200	0.391	10.86	38.33	2.372	0.3893
1.300	0.296	8.21	35.94	2.313	0.3440
1.400	0.225	6.25	33.38	2.376	0.3044
1.500	0.193	5.34	31.38	2.273	0.2976
1.600	0.165	4.57	30.03	2.111	0.2891
1.700	0.142	3.94	29.21	1.948	0.2802
1.800	0.123	3.42	28.72	1.807	0.2718
1.900	0.108	3.00	28.45	1.695	0.2645
2.000	0.096	2.66	28.30	1.607	0.2587
2.200	0.078	2.16	28.18	1.537	0.2515
2.400	0.068	1.88	28.15	1.520	0.2647
2.600	0.070	1.94	28.16	1.508	0.3225
2.800	0.072	1.99	28.17	1.501	0.3847
3.000	0.067	1.86	28.19	1.503	0.4118
3.200	0.058	1.60	28.21	1.498	0.4037
3.400	0.056	1.55	28.23	1.501	0.4467
3.600	0.058	1.61	28.25	1.504	0.5114
3.800	0.057	1.59	28.26	1.509	0.5741
4.000	0.059	1.63	28.26	1.514	0.6457

RESPONSE SPECTRUM

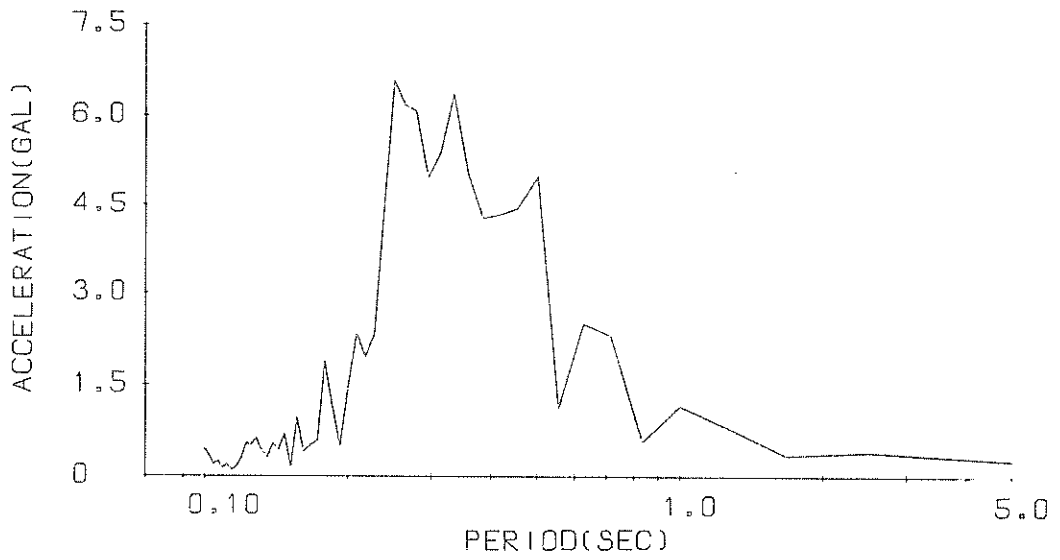
RECORD = S-412 E-W 1968-10-08-09-50 CHIBAKEN CHURCH
 STATION = YAMASHITAHEN-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 10.000(SEC) SKIPPED LENGTH = 7.000(SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 27.75(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	0.996	27.64	6.35	0.069	0.0017
0.100	1.063	29.51	16.96	0.284	0.0075
0.150	1.611	44.70	18.95	0.595	0.0251
0.200	2.251	62.47	40.32	1.486	0.0626
0.250	2.436	67.61	61.44	2.337	0.1055
0.300	1.666	46.23	49.73	2.121	0.1031
0.350	2.177	60.42	64.10	3.410	0.1840
0.400	1.799	49.92	61.98	3.110	0.1979
0.450	1.874	52.02	53.40	3.697	0.2614
0.500	1.689	46.87	57.44	3.945	0.2899
0.550	1.210	33.57	47.92	3.384	0.2511
0.600	0.903	25.07	47.82	2.661	0.2222
0.650	0.809	22.44	41.81	2.505	0.2327
0.700	0.710	19.71	33.55	2.420	0.2368
0.750	0.628	17.42	32.30	2.487	0.2409
0.800	0.586	16.28	34.60	2.541	0.2541
0.850	0.515	14.30	34.29	2.584	0.2522
0.900	0.469	13.00	31.37	2.757	0.2582
0.950	0.440	12.37	29.98	2.628	0.2786
1.000	0.419	11.63	32.63	2.794	0.2877
1.100	0.359	9.95	35.67	2.642	0.2902
1.200	0.333	9.25	36.00	2.139	0.3154
1.300	0.269	7.46	34.71	1.978	0.2922
1.400	0.221	6.13	33.02	2.092	0.2824
1.500	0.192	5.34	31.52	2.070	0.2796
1.600	0.168	4.66	30.40	1.983	0.2746
1.700	0.147	4.09	29.63	1.878	0.2687
1.800	0.130	3.62	29.12	1.776	0.2633
1.900	0.116	3.23	28.79	1.688	0.2584
2.000	0.105	2.90	28.58	1.615	0.2542
2.200	0.087	2.41	28.36	1.509	0.2488
2.400	0.074	2.06	28.27	1.475	0.2469
2.600	0.068	1.89	28.23	1.471	0.2903
2.800	0.069	1.90	28.22	1.469	0.3367
3.000	0.064	1.79	28.22	1.469	0.3602
3.200	0.057	1.59	28.23	1.471	0.3602
3.400	0.052	1.45	28.23	1.475	0.3854
3.600	0.054	1.51	28.24	1.480	0.4457
3.800	0.053	1.48	28.25	1.485	0.4810
4.000	0.050	1.40	28.25	1.491	0.5289

S-412 N-S

TSK=8.00

TUS=5.00

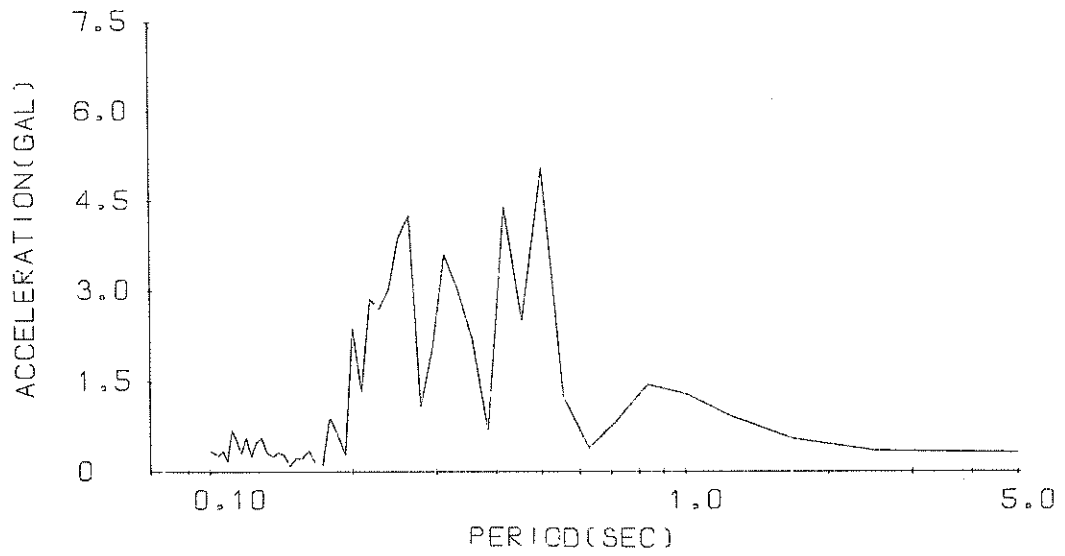


Fourier Spectrum

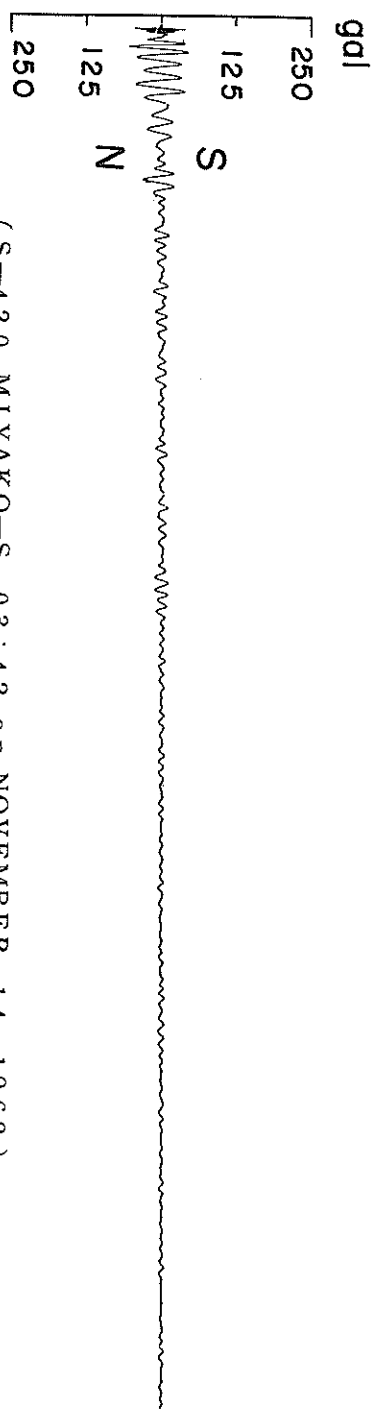
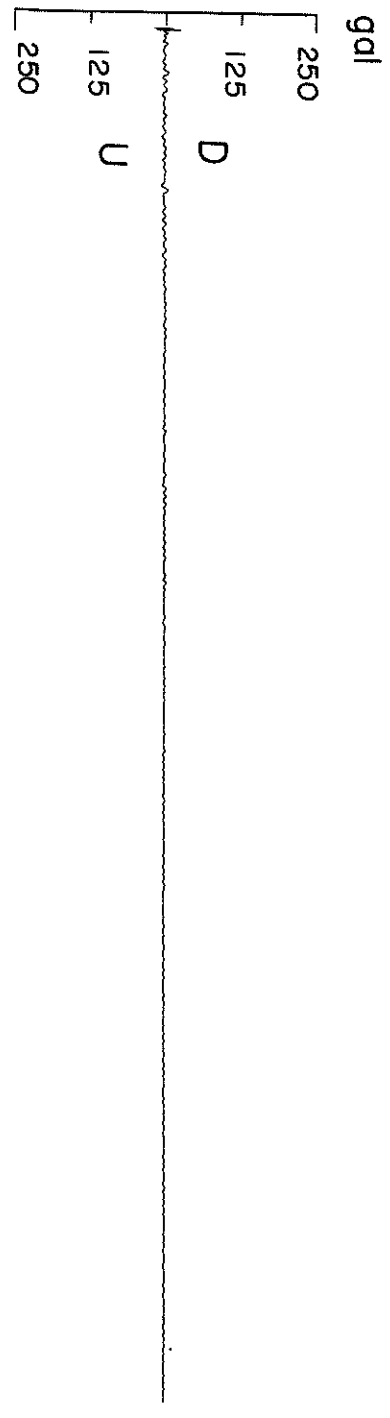
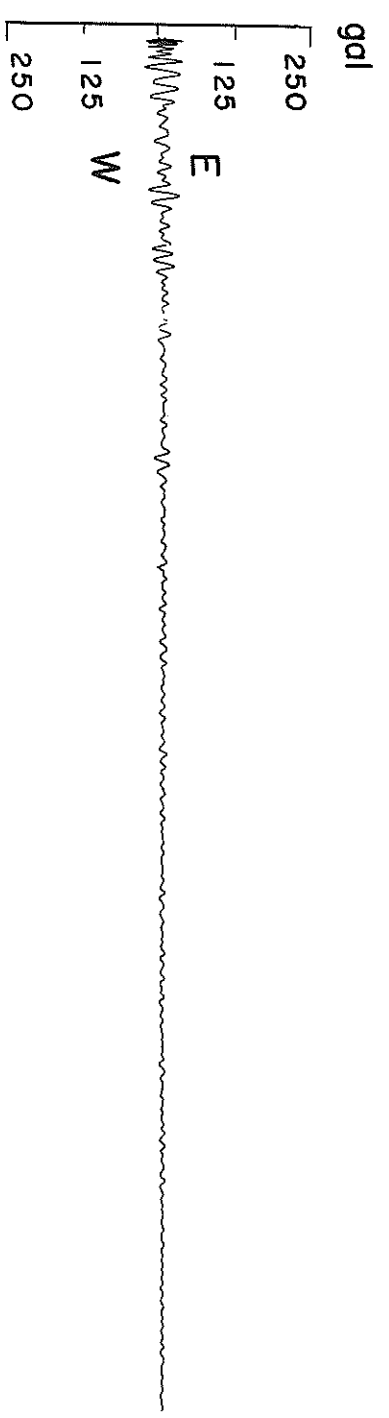
S-412 E-W

TSK=8.00

TUS=5.00



Fourier Spectrum



(S-420, MIYAKO-S, 03:42 on NOVEMBER 14, 1968)

RECORD=S-420
 DATE AND TIME=1968-11-14-03-42
 COMPONENT=N-S
 SIGNAL=GR,ACC.
 CORRECTION=ZERO,ARC
 SAMPLING INTERVAL= 0.010(SEC)
 FORMAT NO.=301
 STATION=MIYAKO-S
 TOTAL NUMBER OF DATA= 1500

NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	0.00	25.54	9.83	-5.71	-17.44	3.03	5.69	-0.54	-6.38	-2.40
2	19.15	18.94	9.83	-7.11	-7.51	2.98	4.77	3.77	-7.77	2.50
3	34.17	7.91	9.83	-7.70	2.28	2.93	-0.90	6.07	-7.77	5.30
4	20.09	-3.86	9.80	-7.70	10.18	2.93	-3.71	6.07	-7.44	6.00
5	-8.17	-14.88	8.23	-7.70	15.42	2.53	-7.00	6.05	-5.17	6.00
6	-19.70	-25.94	8.03	-7.69	18.27	2.14	-7.00	3.76	-5.16	5.99
7	19.09	-27.83	7.32	-6.98	18.27	1.34	-7.00	0.67	-4.86	4.90
8	11.12	-27.74	5.22	-6.98	18.13	-0.96	-5.68	-0.53	-4.36	4.89
9	-12.95	-26.14	1.94	-3.59	15.86	-3.06	-5.38	-0.73	-4.05	1.80
10	9.41	-18.40	-1.56	-1.59	10.17	-4.97	-3.59	-0.73	-0.46	-1.00
11	9.38	-6.83	-3.77	0.21	5.51	-6.57	-2.59	-0.72	0.54	-3.00
12	7.73	1.99	-7.83	1.51	-3.95	8.28	-0.59	0.48	3.25	-6.93
13	1.32	14.07	-13.61	3.41	-12.14	-9.97	-0.59	3.78	4.74	-10.90
14	0.02	21.55	-15.05	3.62	-2.72	-10.55	2.91	4.38	4.75	-11.49
15	-3.09	30.38	-14.99	3.82	-12.72	-10.41	3.61	4.38	4.64	-11.48
16	-5.50	31.17	-13.67	3.82	-12.61	-8.54	3.62	3.58	3.94	-11.28
17	-21.51	30.45	-11.61	-1.45	-9.57	-1.45	3.61	2.78	2.75	-7.35
18	-7.64	26.72	-6.81	-1.68	-7.08	5.67	1.48	0.55	-4.37	-1.78
19	10.62	19.45	-3.62	-3.68	-4.10	8.29	0.12	-0.41	-0.35	-1.78
20	35.94	9.86	4.07	-4.88	-0.11	10.86	-3.42	-3.42	-0.45	1.52
21	38.33	-0.61	8.14	-5.28	1.89	10.86	-1.48	-0.25	-0.45	5.32
22	37.04	14.15	5.27	-4.49	10.86	10.82	-1.48	-0.44	-0.44	5.92
23	31.25	-30.30	16.06	-4.07	4.48	9.39	-1.47	-11.51	-0.44	5.92
24	19.96	-40.45	16.06	-2.17	2.09	5.72	-0.17	-11.44	-0.44	4.92
25	4.30	-40.72	15.95	-0.57	-0.00	-0.54	0.03	-9.04	-1.04	3.62
26	-52.34	-38.32	13.78	1.03	-2.40	-6.89	0.03	-5.28	-1.94	0.73
27	-44.29	-30.88	9.27	3.93	-4.20	-12.14	0.03	-1.40	-2.14	-1.07
28	-29.59	-18.94	4.14	4.23	-3.59	-8.97	-1.87	4.01	-3.34	-2.87
29	-12.67	-7.55	-3.14	4.23	-3.59	-8.97	-5.61	7.00	-3.94	-3.17
30	-1.73	4.05	-9.89	3.23	-0.90	-5.61	-3.27	7.30	-4.54	-2.77
31	36.53	16.67	-17.62	-0.06	2.00	-2.62	-4.17	7.29	-5.33	-2.77
32	43.03	28.83	-21.73	-5.68	2.51	2.27	-5.06	5.79	-5.73	-2.76
33	48.94	37.47	-21.52	-8.69	3.11	5.67	-4.66	3.49	-5.73	-1.36
34	42.44	38.25	-19.47	-10.72	4.01	5.67	-4.26	-2.40	-5.73	-1.26
35	37.44	36.41	-17.44	-8.97	4.00	5.67	-3.15	-5.40	-5.01	-1.26
36	28.31	30.09	-13.24	-4.13	1.71	4.66	3.15	-7.22	-2.22	-0.96
37	28.31	20.89	-7.64	-4.13	1.71	4.66	3.15	-9.50	-0.42	0.64
38	-34.03	11.87	-1.72	7.20	-0.69	0.38	8.03	-9.89	0.88	1.44
39	-41.15	3.98	12.14	12.14	1.99	-2.52	8.23	-9.89	3.18	1.44
40	-39.79	-5.87	8.17	17.95	-4.93	8.23	8.23	-9.89	5.18	1.15
41	-35.23	-18.53	14.08	17.95	-4.18	-6.58	6.92	-7.44	3.68	0.35
42	-28.22	-27.78	14.09	-3.48	-8.21	-7.71	4.53	-3.68	5.18	0.65
43	-19.29	-26.83	14.05	16.40	-2.88	-7.71	-0.45	-0.48	4.97	0.65
44	-11.46	-21.11	13.04	0.25	-1.58	-6.87	-11.33	2.22	2.78	-1.85
45	-1.93	-15.67	9.13	-17.08	0.32	-2.61	-14.15	6.72	-0.11	-3.25
46	7.88	-13.39	5.56	-5.52	0.62	0.09	-14.14	6.72	-3.02	-4.56
47	17.51	-6.32	0.19	-28.76	3.02	2.19	-14.01	6.68	-5.93	-6.55
48	28.86	0.13	-1.51	-28.54	3.03	4.10	-10.98	2.52	-8.12	-6.54
49	30.22	4.04	-3.51	-27.62	3.13	5.69	-6.48	-0.77	-8.51	-6.51
50	29.40	7.66	-3.71	-22.42	3.13	5.69	-4.52	-3.38	-6.57	-1.56

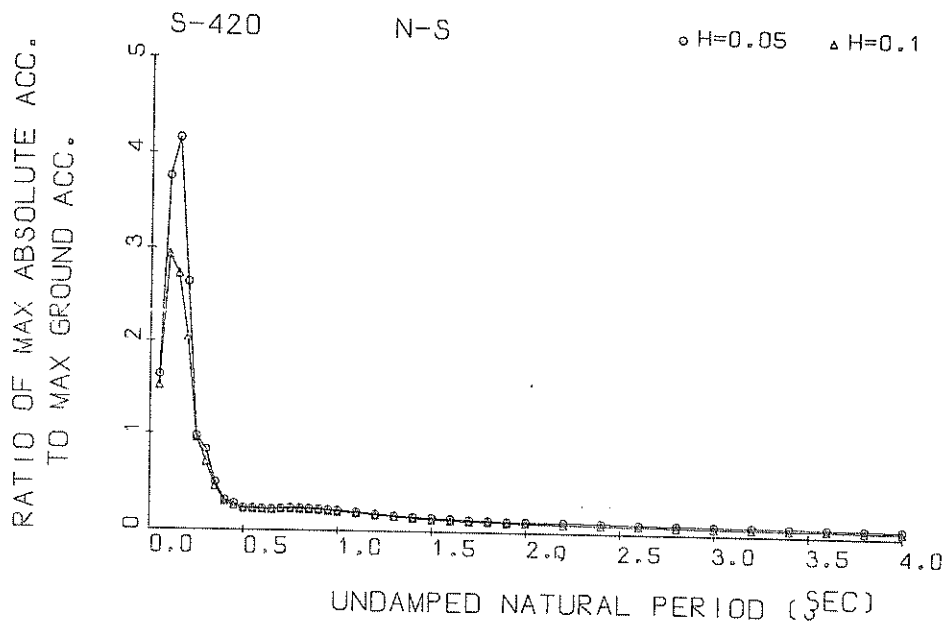
No.	STATION=MIYAKO-S									
	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	2.56	-4.49	-3.81	5.24	-3.18	-5.60	2.76	-2.78	-1.21	1.95
2	2.46	-7.20	-3.31	2.86	-3.78	-3.50	2.76	-3.18	1.19	1.76
3	2.06	-9.57	-3.30	0.86	-5.17	1.80	1.06	-3.58	3.89	1.26
4	1.86	-9.48	-3.30	-1.84	-5.37	2.90	-1.04	-4.58	4.59	0.44
5	1.87	-5.06	-3.20	-3.64	-5.25	3.90	-1.94	-5.57	4.39	-0.44
6	0.67	-4.46	-2.70	-5.04	-2.46	5.70	-2.84	-5.57	2.39	-2.94
7	-1.23	-2.26	-2.00	-5.83	2.23	6.30	-3.84	-5.56	0.30	-3.44
8	-1.23	3.44	-1.10	-5.83	4.24	6.29	-3.83	-4.76	0.30	-4.64
9	-1.13	6.45	0.80	-4.93	4.84	5.38	-3.03	-3.96	-3.20	-5.14
10	0.97	8.44	2.10	-4.92	4.84	1.90	-2.83	-1.96	-4.40	-5.53
11	2.77	8.44	2.11	-3.12	4.83	-2.10	-2.03	-1.16	-5.51	-5.41
12	3.07	8.42	2.11	0.87	4.13	4.92	-0.13	0.14	-7.10	-2.33
13	2.97	6.72	1.61	4.08	2.94	-10.09	1.07	2.54	-7.09	-0.73
14	1.68	4.72	0.81	5.18	0.24	-10.09	1.37	3.24	-6.75	1.27
15	0.88	0.74	0.31	5.28	-3.36	-10.03	1.38	3.24	-2.59	1.27
16	0.08	-3.06	0.01	5.27	-5.38	-7.17	1.28	3.24	-0.59	1.27
17	-1.02	-4.56	-0.89	4.67	-8.81	-5.58	0.88	3.04	1.81	1.28
18	-2.22	-6.55	-1.89	1.88	-12.25	-4.38	-0.22	3.04	4.51	0.98
19	-3.02	-6.95	-2.48	0.88	-12.21	-2.18	-1.22	2.04	4.51	-0.42
20	-3.21	-6.93	-3.08	-1.02	-10.79	0.52	-1.72	-0.65	4.50	-1.02
21	-3.21	-5.24	-3.78	-3.62	-8.21	2.32	-1.45	1.46	1.46	-2.62
22	-3.21	-4.04	-4.68	-4.82	-5.64	4.32	-3.62	-2.15	-1.58	-2.62
23	-3.21	-2.94	-5.37	-5.31	-4.03	4.01	-2.75	-1.98	-1.98	-3.42
24	-2.11	-1.74	-5.37	-5.31	0.96	1.02	-4.81	-3.15	-4.28	-4.41
25	-0.31	-0.84	-4.26	-5.31	6.38	-0.28	-4.81	-3.15	-4.28	-4.41
26	0.69	0.76	-0.57	-4.90	8.66	-1.08	-4.00	-3.14	-3.38	-4.31
27	2.20	2.46	3.94	-3.41	8.66	-2.87	-2.30	-3.14	-2.78	-3.01
28	3.30	2.36	6.45	-3.10	8.65	-2.87	1.79	-3.14	-2.37	-2.11
29	3.30	2.46	8.43	-2.20	7.70	-2.87	5.00	-1.64	-1.97	-0.11
30	3.30	2.36	8.53	-0.10	2.95	-2.87	5.00	-0.24	-1.37	0.69
31	3.30	2.37	8.51	0.90	-2.14	-2.87	5.89	-0.14	-1.37	0.69
32	2.90	1.57	6.79	1.90	-4.14	-2.17	5.28	-0.74	-1.37	0.70
33	2.50	0.77	2.83	1.90	-6.99	1.37	3.09	-2.74	-1.27	0.70
34	1.50	-2.53	-2.07	1.90	-12.33	1.03	-1.60	-3.03	-0.47	0.70
35	0.91	-3.13	-4.07	0.90	-12.33	1.94	-4.10	-3.03	-0.47	0.20
36	0.71	-3.33	-6.36	0.90	-12.07	2.14	-5.70	-3.03	-0.36	-0.40
37	0.51	-3.32	-6.36	0.91	-7.20	2.04	-5.70	-0.73	-0.46	-1.00
38	-1.99	-2.72	-6.36	0.91	-4.41	1.34	-5.68	-0.73	-0.66	-1.40
39	-3.29	-1.02	-6.36	0.61	-0.33	0.34	-4.29	-0.73	-1.06	-1.40
40	-4.09	-0.22	-6.36	0.21	5.79	-0.86	-2.59	-0.73	-1.16	-1.79
41	-4.09	0.78	-6.56	-0.39	7.48	-2.46	-1.69	-0.72	-1.86	-2.79
42	-4.09	1.28	-6.75	-0.79	7.68	-4.06	-1.19	-0.52	-3.06	-2.79
43	-4.07	1.58	-6.73	-0.79	7.55	-4.25	-0.69	-0.42	-4.66	-2.64
44	-0.48	1.58	-4.54	-0.78	4.96	-4.25	0.11	-0.12	-4.65	-2.64
45	1.42	-0.52	-1.35	-0.08	0.68	-3.35	1.12	-2.52	-4.65	-1.69
46	4.02	-1.91	-0.15	0.72	-2.92	-2.45	2.72	-3.52	-4.65	-0.69
47	4.72	-3.11	2.76	0.92	-5.13	1.75	2.52	-4.12	-3.55	-0.38
48	4.62	-3.81	4.16	1.02	-8.61	-0.35	2.12	-4.52	-2.75	-0.08
49	4.21	-3.81	5.36	0.92	-8.59	1.35	-0.58	-4.51	-1.55	-0.08
50	0.72	-3.81	5.36	-0.98	-6.90	2.76	-2.38	-4.50	1.25	-0.08

RECORD=S-429
 DATE AND TIME=1968-11-14-03-42
 COMPONENT=E-H
 SIGNAL=GR.ACC.
 CORRECTION=ZFRD.ARC
 STATION=MIYAKO-S
 TOTAL NUMBER OF DATA= 1500

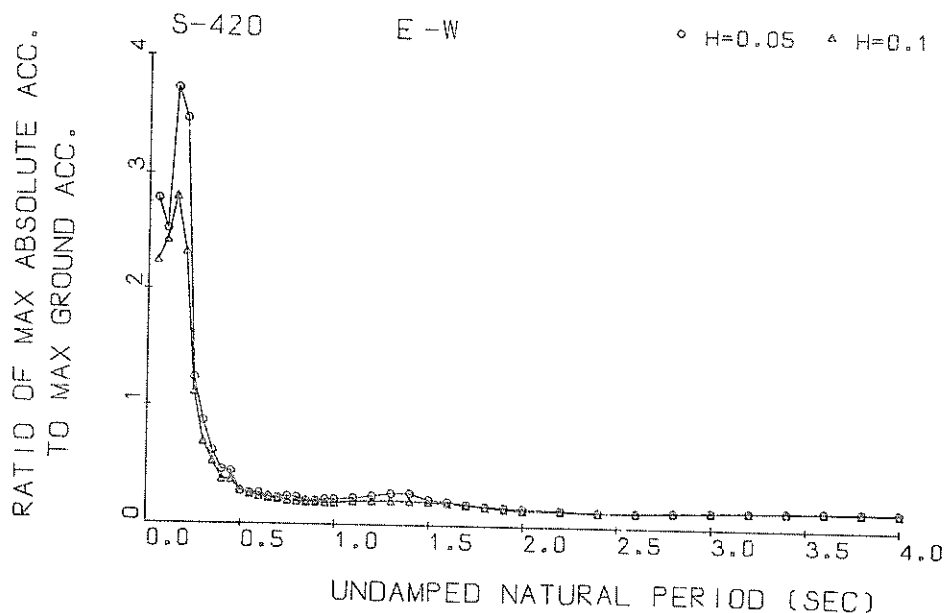
NO.	(0)	(50)	(100)	(150)	(200)	(250)	(300)	(350)	(400)	(450)
1	-0.00	1.16	-1.67	-8.97	0.34	-9.04	7.95	0.85	-4.58	0.18
2	-12.08	-5.57	0.33	-7.09	13.56	-6.94	-1.51	-0.75	-4.28	-2.12
3	-18.92	-11.79	2.84	-5.40	18.68	-3.57	-4.95	-4.55	-3.97	-4.42
4	-19.20	-13.84	3.43	-5.00	22.74	-2.57	-12.71	-5.94	-2.87	-6.82
5	-27.44	-16.59	1.74	-4.80	23.94	-2.26	-13.02	-6.52	-2.57	-7.49
6	14.44	-17.84	0.35	-5.40	21.35	-2.26	-13.02	-6.52	-2.57	-6.19
7	-20.57	-19.53	0.35	-7.40	12.84	-3.26	-14.02	-3.33	-1.86	-4.29
8	19.81	-19.71	0.05	-8.80	8.96	-4.66	-9.84	-2.83	-0.96	-2.30
9	19.05	-19.47	-1.55	-10.01	-3.24	-6.25	-9.89	-2.72	-1.16	-1.49
10	10.11	-16.63	-2.34	-11.26	-13.35	-6.54	-2.38	-2.42	-1.75	-0.49
11	-24.38	-13.39	-3.54	-10.43	-17.12	-6.13	0.72	-2.12	-1.75	0.51
12	-27.86	-3.19	-4.34	-8.42	-21.96	-4.74	1.02	-1.31	-1.95	1.52
13	-25.70	1.91	-6.35	-4.84	-22.83	-3.64	2.63	-0.71	-2.25	1.52
14	-12.18	12.28	-8.14	-0.54	-18.74	-2.53	2.13	-0.31	-2.94	-0.18
15	13.19	17.59	-9.01	3.25	-14.22	0.87	1.03	-0.10	-4.04	-2.18
16	11.41	21.39	-7.99	8.34	-12.33	7.29	-0.66	-1.50	-4.64	-4.38
17	0.05	20.05	-5.50	8.33	-1.29	9.08	-2.66	-2.70	-5.49	-6.38
18	-14.87	17.71	-3.41	7.49	0.71	9.47	-4.87	-3.39	-6.33	-7.86
19	-12.94	10.66	-4.41	2.55	6.45	8.75	-6.83	-0.99	-6.53	-7.81
20	0.06	8.10	-0.97	-0.64	10.62	0.88	-4.94	0.01	-6.94	-4.13
21	7.97	-0.97	3.80	-3.05	10.58	0.89	-2.85	-9.10	-3.45	-3.45
22	7.97	-11.14	4.30	-9.71	8.56	-11.29	-2.84	1.22	-8.17	-0.05
23	-17.65	4.30	-13.49	4.51	-21.06	-1.24	3.12	-5.00	-3.00	1.45
24	-1.84	-22.01	4.30	-14.83	0.73	-21.71	1.14	2.62	-3.01	1.56
25	-24.48	-25.14	4.31	-14.64	-1.16	-22.10	-2.34	-0.47	-2.50	1.26
26	-28.92	-25.26	4.31	-10.63	-3.17	-16.19	-4.83	-2.47	-2.00	-0.34
27	-26.13	-21.72	3.41	-2.92	-6.56	-3.08	-5.43	-7.90	-0.60	-2.14
28	-10.64	-12.19	1.62	-1.22	-6.64	0.91	-6.42	-10.66	-0.20	-3.73
29	0.09	3.97	-0.28	-0.81	-5.14	4.84	-5.90	-10.86	0.21	-4.33
30	21.85	8.20	-7.92	0.49	-4.24	10.64	-3.31	-11.08	-0.29	-4.12
31	26.12	10.80	-11.57	0.19	-3.14	11.45	-0.81	-12.01	-0.59	-3.62
32	27.25	12.25	-15.09	-1.31	-3.04	12.27	1.09	-10.58	-1.58	-2.52
33	21.90	14.53	-17.54	-3.81	-3.14	10.48	2.79	-7.68	-2.08	-2.31
34	9.76	11.63	-18.42	-5.18	4.94	0.43	2.99	-2.84	-2.88	-2.31
35	-1.80	10.00	-16.44	-2.79	6.94	-2.88	2.30	-0.64	-4.37	-2.31
36	-12.18	2.08	-14.31	0.51	-8.54	-9.04	1.10	-10.66	-4.07	-2.30
37	-24.29	-1.62	-8.86	3.32	-9.12	-13.55	1.00	4.99	-4.17	-2.30
38	-28.85	-3.41	-3.35	6.32	-9.08	-15.92	-0.79	8.78	-4.87	-2.30
39	-32.42	-3.71	-1.54	7.01	-6.98	-18.81	-2.79	9.07	-5.66	-2.29
40	-26.26	-2.71	1.26	6.37	-3.01	-19.46	-4.59	8.55	-5.96	-2.29
41	-17.17	-1.40	4.06	0.62	-1.11	-18.07	-5.09	6.63	-5.85	-2.29
42	-9.70	0.30	4.97	-1.07	0.79	-12.87	-6.18	1.29	-5.54	-2.18
43	-1.65	0.30	6.46	-9.42	4.11	-7.92	-6.15	-1.41	-4.55	-1.58
44	10.18	-1.60	6.05	-17.81	6.79	0.96	-2.87	-4.43	-4.34	-0.48
45	16.39	-7.64	3.67	-25.74	6.28	2.88	-2.37	-10.65	-2.54	-0.38
46	22.48	-11.60	1.88	-28.76	3.80	10.77	-1.86	-12.50	-1.94	-0.67
47	28.05	-11.93	0.28	-28.54	0.81	14.68	1.14	-12.00	-1.03	-2.27
48	25.53	-13.35	-1.42	-23.36	-3.09	14.88	5.04	-12.46	1.47	-3.67
49	21.26	-12.48	-5.23	-10.19	-5.91	14.75	4.93	-8.65	1.47	-5.07
50	11.82	-6.63	-8.62	-3.34	-8.88	11.87	2.25	-6.08	1.48	-5.96

RECORD=S-420
 DATE AND TIME=1968-11-14-03-42
 COMPONENT=E-W
 SIGNAL=GR.ACC.
 SAMPLING INTERVAL=0.0401(SEC)
 CORRECTION=ZERO.ARC
 FORMAT NO.=301
 STATION=MIYAKO-S
 TOTAL NUMBER OF DATA= 1500

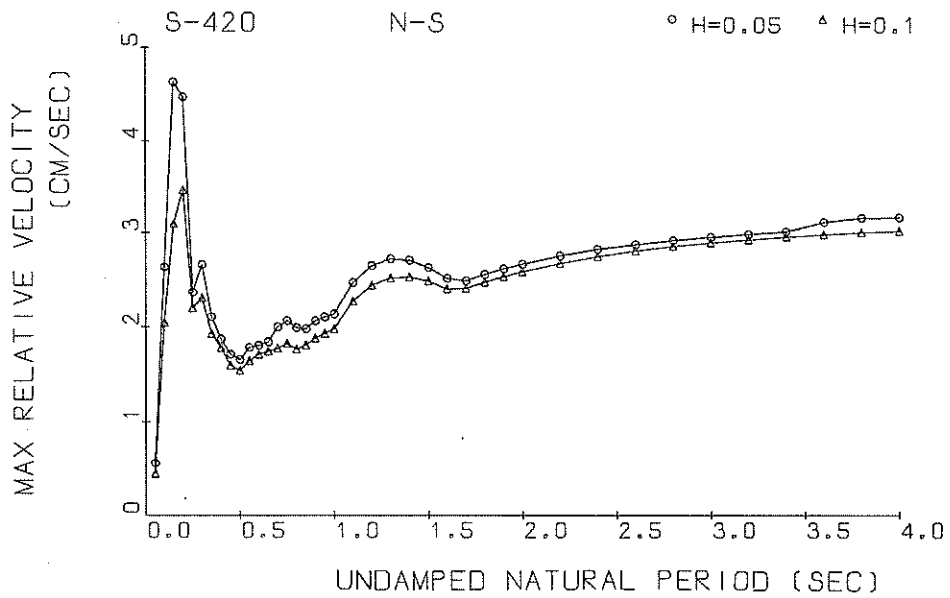
NO.	(500)	(550)	(600)	(650)	(700)	(750)	(800)	(850)	(900)	(950)
1	6.04	-17.01	-0.53	-0.96	-1.40	0.77	2.63	-3.00	-2.04	-0.87
2	-4.35	-14.10	-2.22	-1.76	0.41	0.77	2.63	-3.00	-0.94	0.13
3	-3.94	-11.99	-3.72	-2.16	2.31	0.77	2.34	-2.70	-0.83	1.13
4	-2.04	-9.02	-4.02	-4.36	3.51	0.58	0.74	-2.29	-0.43	1.94
5	-0.14	-0.18	-4.32	-5.25	4.22	0.58	-1.26	-1.29	-0.33	3.14
6	1.66	4.83	-5.61	-4.84	4.22	0.22	3.26	-1.09	-0.32	3.14
7	2.86	5.74	-5.89	-4.24	3.32	-1.21	-5.15	-0.78	-0.12	3.04
8	3.07	7.73	-4.20	-3.94	1.62	-1.41	-5.15	0.42	-0.12	3.04
9	2.67	7.60	-3.90	-2.83	-0.97	-2.21	-5.14	0.62	-0.11	1.25
10	1.67	5.02	-3.50	-1.73	-2.97	-2.70	-5.14	0.53	-0.31	-0.35
11	1.68	1.84	-2.99	1.07	-3.26	-2.50	-5.13	0.53	-0.71	-0.74
12	-2.02	-0.05	-1.99	2.07	-3.26	-1.50	-4.63	0.33	-0.90	-2.34
13	-2.72	-2.06	-1.69	1.98	-2.66	-1.29	-4.32	-0.16	-1.20	-2.63
14	-3.61	-10.05	-0.98	1.98	-2.66	0.51	-3.22	-0.46	-2.80	-2.03
15	-4.21	-10.24	-0.08	1.98	-2.95	0.91	-1.32	-1.06	-2.79	-0.73
16	-4.20	-10.28	0.12	1.09	-3.35	1.22	-0.32	-2.85	-2.79	-0.53
17	-3.60	-12.05	0.13	0.29	-3.44	1.22	1.08	-3.05	-2.09	-0.22
18	-2.20	-12.47	0.13	0.29	-3.44	1.22	2.69	-3.04	-0.88	0.78
19	-2.20	-13.33	-0.07	-0.80	-2.64	0.63	2.69	-1.34	-0.38	0.18
20	-1.89	-10.71	-0.06	-1.70	-1.63	0.63	2.69	-1.04	1.02	0.19
21	-0.79	-8.08	-0.06	-1.03	-1.03	-1.17	0.80	-0.44	1.13	0.09
22	-0.29	-5.11	-0.06	-3.49	0.47	-1.96	-0.90	0.47	1.13	-0.11
23	-0.28	-2.42	0.05	-3.99	2.38	-2.46	-0.90	0.97	1.13	-0.50
24	-1.38	-1.91	0.15	-3.99	2.38	-2.46	-0.49	1.27	1.14	-1.10
25	-1.78	-0.61	-0.05	-3.88	2.38	-2.46	-3.39	2.68	1.14	-2.10
26	-2.07	-0.01	-1.24	-3.88	1.88	-2.45	-3.18	2.78	-0.26	-2.69
27	-2.17	1.69	-3.24	-3.17	0.49	-1.45	-2.48	2.88	-1.25	-2.89
28	-3.97	1.90	-4.54	-1.17	0.49	-1.24	-1.68	2.88	-2.25	-2.89
29	-4.57	1.90	-5.84	-0.03	-1.11	-0.44	-1.58	1.79	-2.85	-2.68
30	-5.56	1.90	-6.01	0.43	-1.30	0.66	-1.57	1.19	-4.60	-2.58
31	-5.76	1.61	-3.92	1.24	-1.50	1.17	-1.57	0.99	-6.34	-1.78
32	-5.75	0.01	-2.32	2.24	-1.50	2.37	-1.37	-3.41	-6.32	-0.67
33	-5.44	-2.49	-1.82	3.34	-1.49	2.37	-0.56	-6.10	-4.83	-0.67
34	-4.45	-5.99	-0.12	3.45	-1.49	2.27	0.34	-6.09	-4.32	-0.67
35	-4.04	-7.58	0.19	3.45	-1.39	0.68	0.74	-5.48	-0.83	-0.66
36	-3.24	-7.56	0.19	2.25	-1.39	-1.32	0.85	-4.18	0.08	0.04
37	-2.34	-6.17	0.19	0.56	1.02	-3.32	0.85	-2.08	3.08	0.24
38	-2.13	-5.84	-0.40	-1.04	2.42	-6.41	0.25	-0.08	4.98	1.35
39	-1.23	-2.06	-1.40	-3.65	2.53	-6.41	-0.54	-0.92	5.28	1.65
40	1.47	0.04	-2.20	-7.44	2.43	-6.40	-1.04	1.93	5.09	1.25
41	3.49	0.04	-3.09	-7.62	1.83	-5.40	-1.04	2.93	4.49	3.26
42	7.08	-0.36	-1.99	-6.70	0.74	-4.59	-0.63	2.93	3.09	3.26
43	7.56	-1.35	-1.09	-3.72	-3.07	-2.59	0.37	2.93	1.40	2.26
44	5.76	-1.95	0.02	-1.62	-6.06	-0.99	0.77	1.04	-0.60	1.37
45	2.79	-2.05	0.22	-0.22	-6.61	0.88	-0.66	-2.20	-2.20	-0.23
46	1.69	-2.04	0.22	0.09	-6.84	1.22	0.88	-0.96	-3.89	-3.73
47	-2.11	-1.44	0.23	0.09	-5.73	2.62	0.28	-2.55	-3.99	-3.92
48	-11.41	-1.04	0.23	0.09	-3.54	2.62	-1.11	-2.75	-3.88	-3.72
49	-11.96	-0.33	0.23	-0.70	-1.94	2.63	-1.31	-2.75	-3.88	-2.62
50	-14.23	-0.33	0.23	-1.40	-0.54	2.63	-2.71	-2.74	-2.78	-2.31



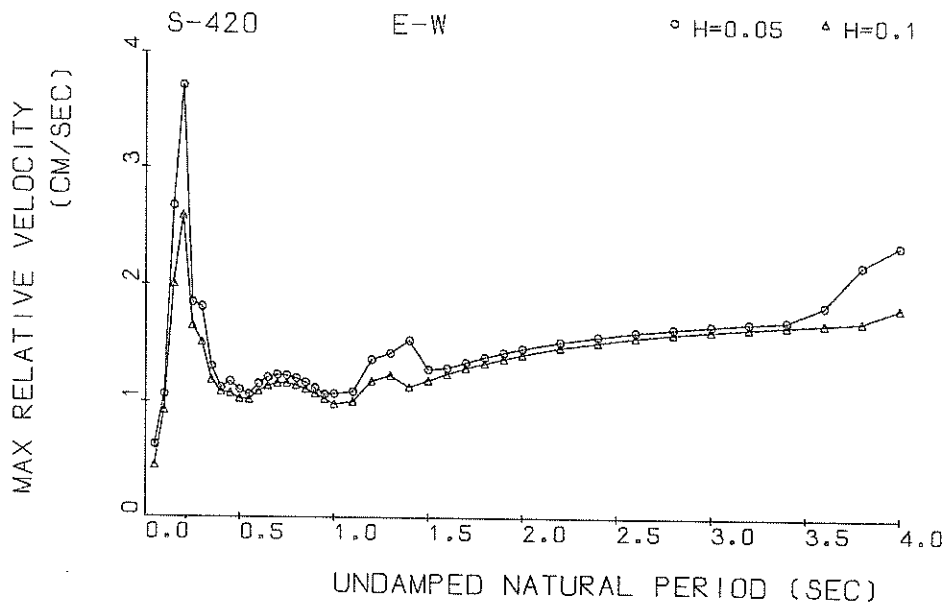
Response Spectra



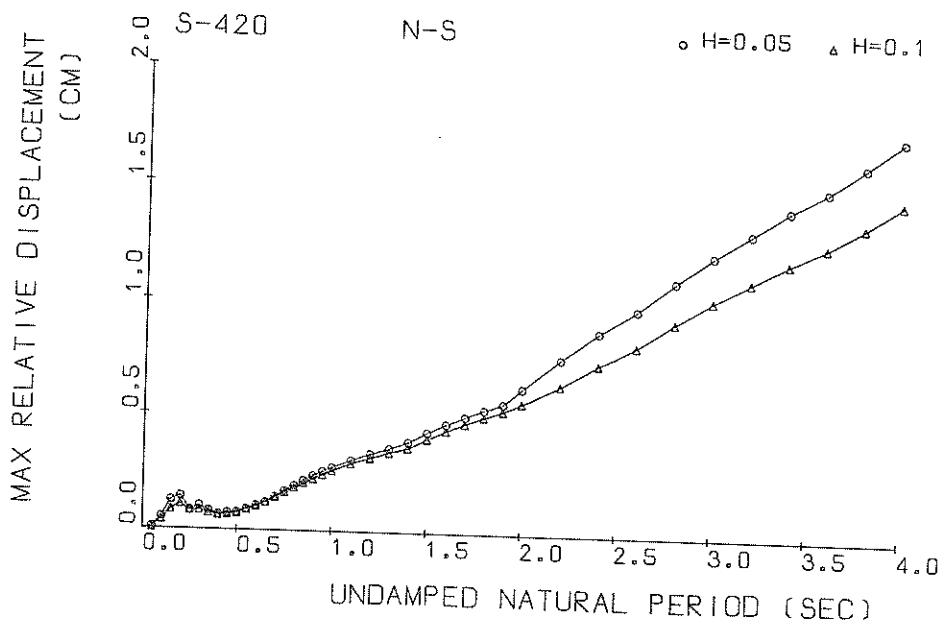
Response Spectra



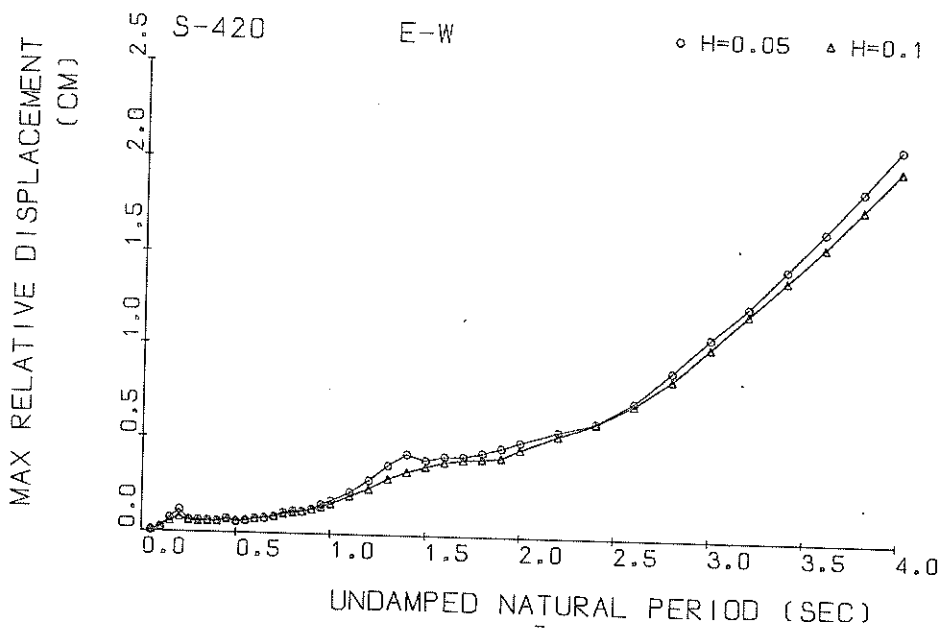
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM

RECORD = S-420 N-S 1968-11-14-03-42 TOKACHIOKIYOSHIN
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 8.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 52.34(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.628	85.23	81.72	0.561	0.0054
0.100	3.757	196.64	156.70	2.632	0.0494
0.150	4.149	217.19	185.04	4.631	0.1218
0.200	2.647	138.55	150.42	4.473	0.1401
0.250	0.978	51.21	78.86	2.369	0.0813
0.300	0.844	44.18	76.00	2.662	0.1006
0.350	0.488	25.57	63.81	2.112	0.0786
0.400	0.310	16.21	62.30	1.879	0.0648
0.450	0.276	14.46	63.46	1.719	0.0724
0.500	0.228	11.92	64.13	1.665	0.0743
0.550	0.228	11.95	64.30	1.793	0.0891
0.600	0.225	11.77	64.11	1.820	0.1045
0.650	0.219	11.48	63.71	1.854	0.1202
0.700	0.228	11.91	63.18	2.010	0.1446
0.750	0.231	12.11	62.59	2.075	0.1692
0.800	0.232	12.13	61.99	2.002	0.1927
0.850	0.229	11.99	61.40	1.991	0.2148
0.900	0.224	11.74	60.83	2.076	0.2353
0.950	0.218	11.41	60.30	2.117	0.2547
1.000	0.211	11.04	59.80	2.147	0.2731
1.100	0.195	10.21	58.91	2.481	0.3057
1.200	0.180	9.40	58.15	2.659	0.3343
1.300	0.165	8.61	57.51	2.732	0.3590
1.400	0.152	7.93	56.96	2.717	0.3882
1.500	0.147	7.69	56.50	2.641	0.4303
1.600	0.141	7.37	56.10	2.525	0.4683
1.700	0.134	7.02	55.76	2.499	0.5027
1.800	0.127	6.66	55.46	2.566	0.5338
1.900	0.121	6.31	55.20	2.624	0.5617
2.000	0.119	6.25	54.97	2.675	0.6297
2.200	0.120	6.28	54.60	2.760	0.7612
2.400	0.117	6.15	54.30	2.828	0.8819
2.600	0.111	5.83	54.06	2.882	0.9822
2.800	0.107	5.62	53.86	2.927	1.1091
3.000	0.103	5.38	53.70	2.964	1.2218
3.200	0.098	5.13	53.57	2.994	1.3203
3.400	0.094	4.91	53.45	3.021	1.4222
3.600	0.088	4.63	53.36	3.124	1.5089
3.800	0.085	4.45	53.27	3.176	1.6142
4.000	0.082	4.30	53.20	3.176	1.7313

RESPONSE SPECTRUM

RECORD = S-420 N-S 1968-11-14-03-42 TOKACHIOKIYOSHIN
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 8.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 52.34(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.522	79.65	65.73	0.454	0.0050
0.100	2.944	154.09	114.14	2.049	0.0383
0.150	2.733	143.04	140.43	3.097	0.0816
0.200	2.046	107.09	120.49	3.466	0.1057
0.250	0.974	51.01	77.94	2.204	0.0788
0.300	0.713	37.31	69.78	2.313	0.0821
0.350	0.457	23.92	62.99	1.935	0.0706
0.400	0.302	15.81	63.14	1.790	0.0600
0.450	0.258	13.50	63.75	1.606	0.0638
0.500	0.226	11.81	64.16	1.548	0.0694
0.550	0.227	11.90	64.24	1.651	0.0845
0.600	0.224	11.72	64.06	1.722	0.0986
0.650	0.225	11.80	63.71	1.751	0.1162
0.700	0.231	12.09	63.25	1.785	0.1383
0.750	0.233	12.20	62.73	1.835	0.1605
0.800	0.232	12.17	62.20	1.773	0.1820
0.850	0.229	12.01	61.67	1.814	0.2023
0.900	0.225	11.76	61.15	1.889	0.2213
0.950	0.219	11.45	60.66	1.936	0.2391
1.000	0.212	11.10	60.20	1.982	0.2566
1.100	0.198	10.35	59.36	2.274	0.2876
1.200	0.183	9.58	58.63	2.445	0.3146
1.300	0.169	8.85	58.01	2.520	0.3388
1.400	0.156	8.17	57.47	2.529	0.3598
1.500	0.144	7.54	57.01	2.483	0.3996
1.600	0.136	7.14	56.60	2.399	0.4362
1.700	0.131	6.85	56.26	2.404	0.4689
1.800	0.125	6.56	55.95	2.472	0.4993
1.900	0.119	6.25	55.68	2.531	0.5265
2.000	0.114	5.95	55.44	2.583	0.5619
2.200	0.108	5.64	55.04	2.672	0.6412
2.400	0.102	5.34	54.72	2.743	0.7370
2.600	0.099	5.17	54.46	2.801	0.8204
2.800	0.091	4.78	54.25	2.849	0.9291
3.000	0.088	4.60	54.07	2.890	1.0249
3.200	0.084	4.41	53.92	2.924	1.1112
3.400	0.080	4.20	53.78	2.953	1.1949
3.600	0.077	4.05	53.67	2.978	1.2673
3.800	0.072	3.79	53.57	3.000	1.3570
4.000	0.070	3.68	53.49	3.019	1.4586

RESPONSE SPECTRUM

RECORD = S-420 E-W 1968-11-14-03-42 TOKACHIOKIYOSHIN
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 8.0000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 32.42(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	2.784	90.25	74.78	0.627	0.0057
0.100	2.527	81.94	79.16	1.065	0.0207
0.150	3.722	120.67	107.82	2.672	0.0692
0.200	3.462	112.24	122.86	3.717	0.1143
0.250	1.232	39.96	61.09	1.853	0.0633
0.300	0.864	28.01	50.84	1.815	0.0629
0.350	0.613	19.86	41.88	1.307	0.0613
0.400	0.450	14.59	37.55	1.126	0.0589
0.450	0.439	14.23	37.56	1.177	0.0720
0.500	0.271	8.79	34.47	1.106	0.0552
0.550	0.253	8.20	34.54	1.068	0.0619
0.600	0.253	8.21	34.46	1.158	0.0734
0.650	0.226	7.33	34.26	1.214	0.0768
0.700	0.215	6.97	33.98	1.237	0.0846
0.750	0.228	7.41	33.66	1.232	0.1048
0.800	0.222	7.19	33.32	1.210	0.1158
0.850	0.195	6.32	32.98	1.174	0.1147
0.900	0.195	6.31	32.64	1.127	0.1266
0.950	0.209	6.77	32.32	1.071	0.1533
1.000	0.212	6.88	32.02	1.078	0.1727
1.100	0.222	7.20	31.77	1.093	0.2190
1.200	0.241	7.81	31.43	1.372	0.2833
1.300	0.263	8.52	31.07	1.427	0.3634
1.400	0.265	8.59	30.71	1.537	0.4244
1.500	0.216	7.00	30.73	1.289	0.3915
1.600	0.201	6.52	30.35	1.300	0.4136
1.700	0.179	5.81	29.90	1.351	0.4152
1.800	0.164	5.32	30.10	1.395	0.4342
1.900	0.156	5.07	30.27	1.435	0.4631
2.000	0.151	4.91	30.43	1.469	0.4940
2.200	0.141	4.56	30.70	1.527	0.5552
2.400	0.128	4.15	30.92	1.573	0.6049
2.600	0.130	4.20	31.10	1.610	0.7178
2.800	0.138	4.47	31.25	1.641	0.8858
3.000	0.145	4.70	31.37	1.666	1.0674
3.200	0.150	4.87	31.48	1.688	1.2401
3.400	0.156	5.06	31.56	1.706	1.4504
3.600	0.159	5.16	31.64	1.837	1.6583
3.800	0.161	5.21	31.71	2.174	1.8769
4.000	0.162	5.25	31.76	2.343	2.1021

RESPONSE SPECTRUM

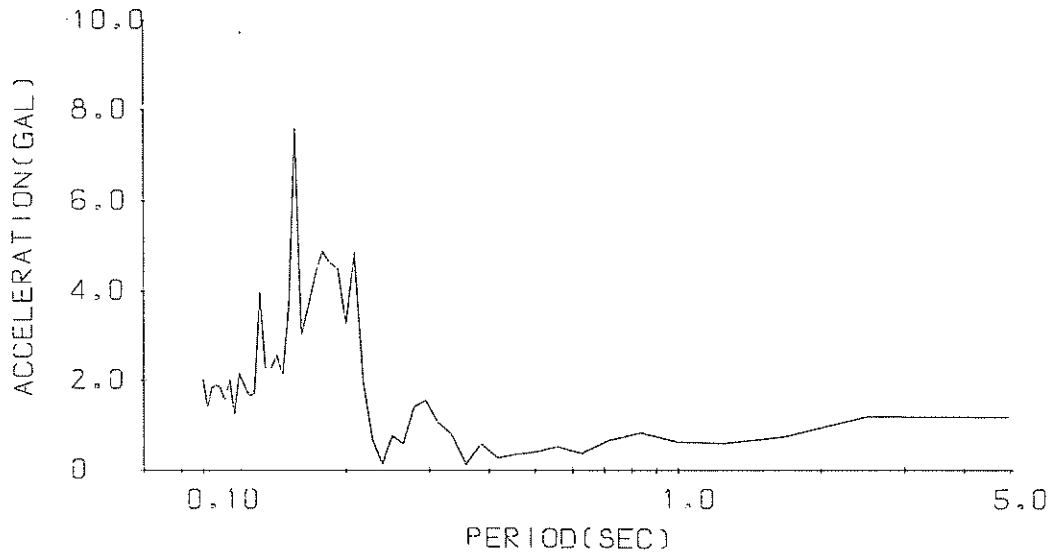
RECORD = S-420 E-W 1968-11-14-03-42 TOKACHIOKIYOSHIN
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC
 TIME LENGTH = 8.000(SEC) SKIPPED LENGTH = 0. (SEC)
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 32.42(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	2.252	73.01	59.64	0.456	
0.100	2.433	78.89	68.64	0.934	0.0046
0.150	2.810	91.12	85.24	2.015	0.0197
0.200	2.635	75.60	86.49	2.594	0.0512
0.250	1.121	36.34	54.46	1.659	0.0743
					0.0560
0.300	0.700	22.69	43.80	1.522	0.0500
0.350	0.533	17.29	39.22	1.198	0.0522
0.400	0.379	12.29	36.74	1.097	0.0485
0.450	0.377	12.22	34.68	1.084	0.0594
0.500	0.282	9.16	33.69	1.036	0.0538
0.550	0.256	8.29	33.78	1.030	0.0590
0.600	0.238	7.71	33.76	1.102	0.0652
0.650	0.228	7.38	33.64	1.149	0.0726
0.700	0.217	7.03	33.45	1.171	0.0798
0.750	0.205	6.66	33.21	1.170	0.0922
0.800	0.197	6.40	32.95	1.152	0.1010
0.850	0.193	6.25	32.67	1.119	0.1066
0.900	0.192	6.24	32.40	1.081	0.1190
0.950	0.190	6.17	32.13	1.036	0.1328
1.000	0.188	6.09	31.87	0.990	0.1482
1.100	0.199	6.47	31.42	1.012	0.1925
1.200	0.203	6.57	31.17	1.189	0.2311
1.300	0.206	6.69	30.88	1.237	0.2835
1.400	0.203	6.58	30.58	1.134	0.3223
1.500	0.200	6.50	30.28	1.190	0.3494
1.600	0.192	6.22	30.00	1.247	0.3768
1.700	0.178	5.76	29.75	1.297	0.3897
1.800	0.162	5.26	29.94	1.341	0.3958
1.900	0.148	4.81	30.11	1.380	0.4037
2.000	0.140	4.53	30.26	1.415	0.4507
2.200	0.135	4.36	30.52	1.474	0.5257
2.400	0.128	4.16	30.74	1.522	0.5948
2.600	0.130	4.21	30.92	1.561	0.6956
2.800	0.137	4.44	31.07	1.593	0.8325
3.000	0.144	4.67	31.20	1.621	1.0079
3.200	0.150	4.86	31.31	1.644	1.1934
3.400	0.154	5.00	31.40	1.664	1.3822
3.600	0.157	5.08	31.48	1.681	1.5707
3.800	0.158	5.11	31.55	1.702	1.7766
4.000	0.158	5.11	31.61	1.816	1.9821

S-420 N-S

TSK=0.00

TUS=5.00

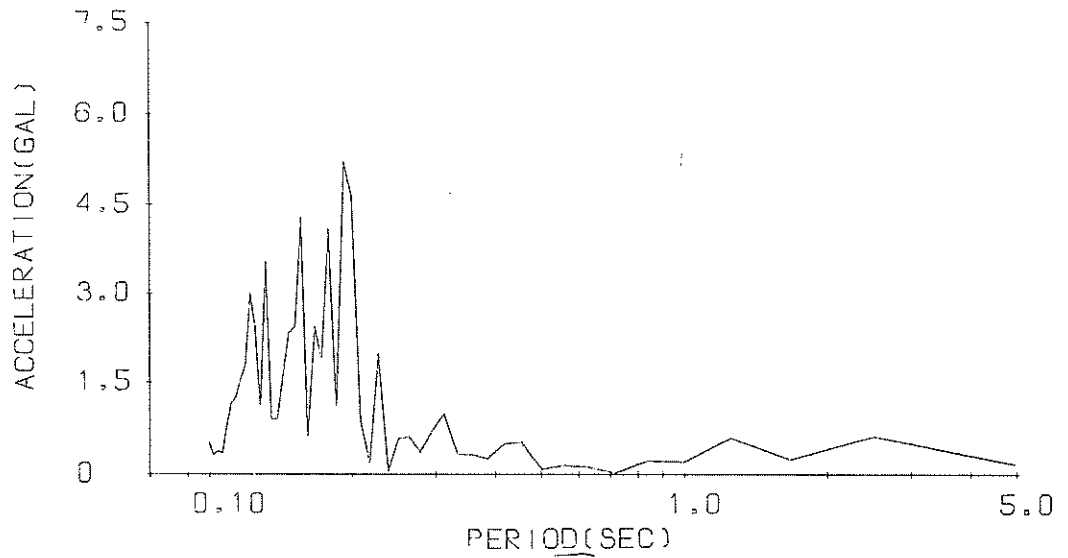


Fourier Spectrum

S-420 E-W

TSK=0.00

TUS=5.00



Fourier Spectrum

港湾技研資料 No. 98

1970・3

編集兼発行人 運輸省港湾技術研究所

発行所 運輸省港湾技術研究所
横須賀市長瀬3丁目1番1号

印刷所 株式会社 東京プリント
東京都港区西新橋3-24-9 飯田ビル