

# 港 湾 技 研 資 料

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

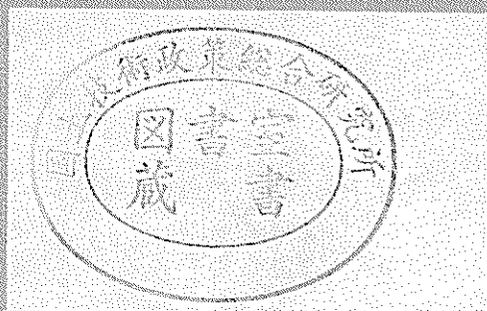
No. 80 June 1969

STRONG-MOTION EARTHQUAKE RECORDS ON  
THE 1968 TOKACHI-OKI EARTHQUAKE AND ITS  
AFTERSOCKS

by Hajime Tsuchida, Eiichi Kurata and Katsuko Sudo

1968年十勝沖地震とその余震の港湾地域における強震記録

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RA: Reproduced accelerogram; DR: Digitized record;

RS: Response spectrum; and FS: Fourier spectrum.

## 1968年十勝沖地震とその余震の 港湾地域における強震記録

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### 要 旨

港湾地域強震観測網では、1968年十勝沖地震およびその余震で約 130本の記録を得た。これらの記録のうち、本震および三つの主な余震の記録をとりまとめて報告する。前記四つの地震に関するすべての記録は、各地震のデータと共に、最大加速度を添えて観測表にまとめてある。最大加速度が20gal 以上の記録については記録波形を示した。震源地に比較的近い室蘭、青森、八戸、宮古の各港での記録については応答スペクトル、フーリエスペクトルを示した。また、これら四港の本震および本震と同じ日の夜の余震の記録については、数値化した結果も示した。本報告にとりあげられている強震記録は、すべてSMAC-B 2強震計により記録されたものである。

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STRONG-MOTION EARTHQUAKE RECORDS ON THE 1968  
TOKACHI-OKI EARTHQUAKE AND ITS AFTERSHOCKS

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Katsuko SUDO \*\*

Synopsis

On the 1968 Tokachi-Oki earthquake and its aftershocks, about 130 strong-motion earthquake records were obtained in the network of the Port and Harbour Research Institute. This report presents the results of the observation on the main shock and the 3 major aftershocks. The accelerograms with the maximum accelerations larger than 20 gals are reproduced. On the records at the 4 nearest ports to the epicenters, response spectra have been calculated; those 4 ports are Muroran Port, Aomori Port, Hachinohe Port and Miyako Port. There include the digitized records on the main shock and the largest aftershock recorded at the 4 ports. All the accelerograms in this report were recorded on the SMAC-B2 accelerographs.

1. Introduction

On May 16, 1968, there occurred an earthquake of large magnitude in the Pacific Ocean at about 650 km north east of Tokyo. This earthquake was felt very widely in the northern Japan region, and damage took place to buildings, houses, roads, port facilities and so on. After the earthquake the Pacific coast was attacked by a tsunami and damage due to it was seen to houses, a breakwater and other types of structures.<sup>1)</sup> This earthquake was named officially THE 1968 TOKACHI-OKI EARTHQUAKE by the Japan Meteorological Agency (JMA) in the Ministry of Transport.

The 1968 Tokachi-Oki earthquake triggered 15 strong-motion accelerographs in the network of the Port and Harbour Research Institute. The maximum horizontal acceleration of 259 gals was recorded at Hachinohe Port. There were a large number of aftershocks and about 120 accelerograms were obtained in the network. All the accelerograms have been collected at the Earthquake Resistant Structure Laboratory in the Port and Harbour Research Institute for processing such as determination of maximum accelerations and digitization, and preliminary analyses such as calculations of the response spectra and the Fourier spectra.

This report presents the results of the observation of the 1968 Tokachi-Oki earthquake and its 3 major aftershocks; the report consists of the tables of the earthquake data and the maximum accelerations, the reproduced accelerograms, the digitized records, the response spectra and the Fourier spectra. The reproduced accelerograms are prepared only for the records with maximum accelerations larger than 20 gals, and the digitized records, the response spectra and the Fourier spectra are prepared for the records obtained at the 4 nearest stations to the epicenter of the main shock.

This report has similar style to the annual reports on the strong-motion earthquake observation written by the same authors.<sup>2)3)4)</sup> Since all the previous annual reports are written in Japanese, the procedure of processing and the preliminary analyses will be explained briefly in the later sections. There is a detailed publication on the site data of

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the stations.<sup>5)</sup> It will be noted that there are many accelerograms recorded in other networks operated by different organizations and that this paper only deals with the records taken in the network of the Port and Harbour Research Institute.

## 2. The Earthquake and Records

The 1968 Tokachi-Oki earthquake occurred on May 16, 1968 at 09:49 (Japan Standard Time), in the Pacific Ocean at 40.7°N in latitude, 143.7°E in longitude and 20 km in depth. The magnitude was announced to be 7.8 by JMA. The seismic intensities in several cities are shown in Fig. 1 in which they are indicated behind the city names.

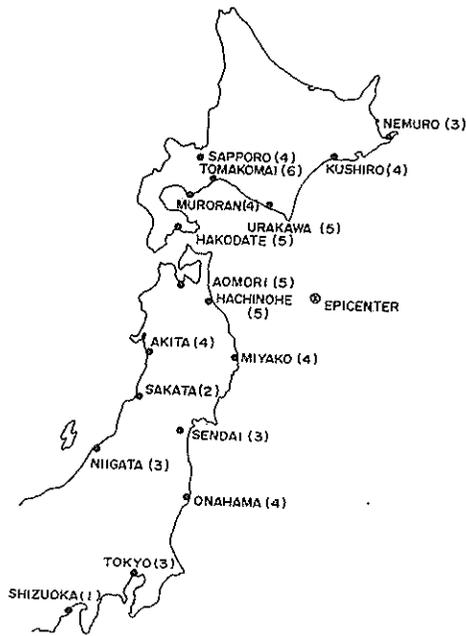


Fig. 1 Intensities of Main Shock

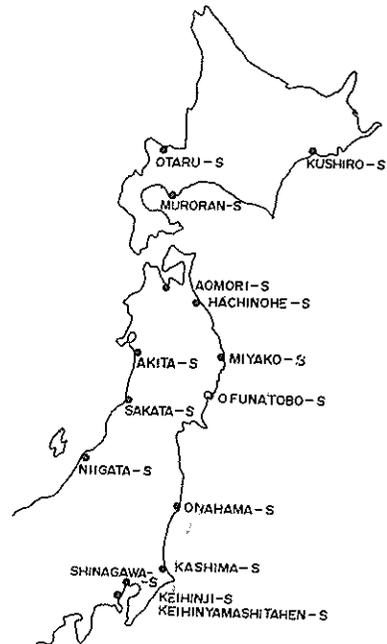


Fig. 2 Locations of Accelerographs

The magnitude and the intensity applied in Japan will be explained in the later section. Fig. 2 is showing the locations of the 15 stations where the main shock was recorded; in the network only one station located at Ofunado Port failed in recording the shock. The accelerographs in the 14 stations out of the 15 stations had been installed on the ground and an accelerograph had been installed on a tsunami breakwater to record its earthquake response.

A large number of aftershocks occurred during the following weeks. The aftershocks of the 1968 Tokachi-Oki earthquake were considerably frequent compared with those of the Niigata earthquake in 1964 or of the 1968 Hiuga-Nada earthquake of April 1, 1968. A total of about 120 accelerograms on the aftershocks has been accumulated in the network; this number was about a half of the number of the accelerograms which had been accumulated for the 5 years before the 1968 Tokachi-Oki earthquake occurred.

The 3 major aftershocks included in this report are aftershocks at 19:39 on May 16, 1968; at 22:42 on June 12, 1968; and at 22:06 on September 21, 1968. The detailed data of the main shock and the aftershocks are shown in Table "Strong-Motion Earthquake Observation Results" which will appear in the later part of this report.

### 3. Network and Instrument

#### (1) Network

The network of the Port and Harbour Research Institute was covering the coast-line of Japan with 55 strong-motion accelerographs at the time of the earthquake. The complete location of the stations is shown in Fig. 3. The accelerographs at the 42 stations out

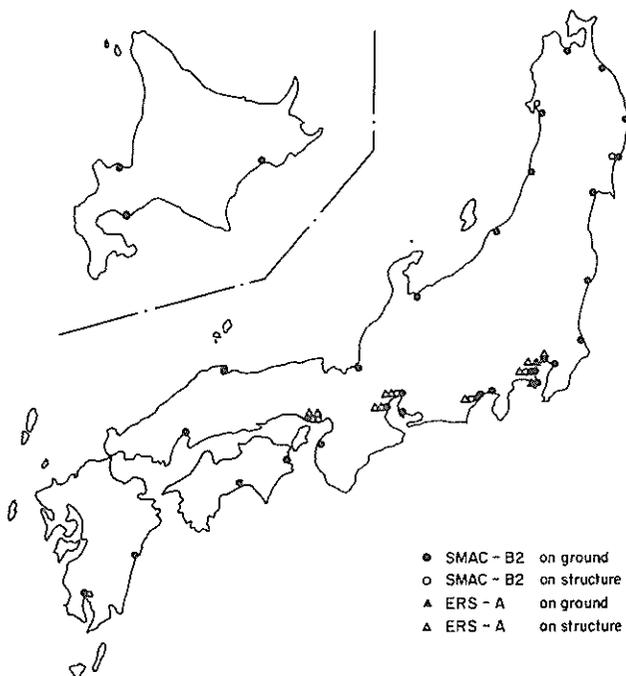


Fig. 3 Strong-Motion Earthquake Network of Port and Harbour Research Institute

of the 55 stations were the SMAC-B2 accelerographs and the rest were magnetic tape recording accelerographs of electro-magnetic type, called the ERS-A accelerographs which had been developed by the Earthquake Resistant Structure Laboratory.<sup>6)</sup> As the ERS-A accelerograph had not been installed in the northern Japan region at the time of the earthquake, it is not explained in this report.

The network was originated with 5 accelerographs in 1962 and expanded year by year, by the Port and Harbour Research Institute in co-operation with the following organizations:

- The Bureau for Ports and Harbours in the Ministry of Transport;
- The Regional Bureaus for Port Construction in the Ministry of Transport;
- The Port and Harbour Division, Hokkaido Development Bureau, Hokkaido Development Agency in the Prime Minister's Office; and
- The Harbour Bureaus (Sections) of 4 Prefectural Governments.

## (2) Servicing

The installation and the servicing of the network have been made by the port construction offices in 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 were installed parallel to the structures whose earthquake response was needed. As two horizontal components of the accelerographs were 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 was 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.<sup>5)</sup> In Table 1, there show the abbreviated names, the locations and the angles between the NS components and the due north direction(deflection angles) on the stations which recorded the main shock or the aftershocks.

Table 1 Locations and Deflection Angles of Stations

Abbreviated Name	Location	Deflection Angle (degree. minute)
Kushiro—S	Minamihama-cho, Kushiro	14.40E
Otaru—S	2-2, Chikko, Otaru	0
Muroran—S	130, Iwaizu-cho, Muroran	0
Aomori—S	Dai-2 Futo, Aomori	0
Hachinohe—S	1-2, Kitanuma-maru, Kawaragi-cho, Hachinohe	0
Miyako—S	5-20, Minato-machi, Miyako	0
Ofunado—S	Aza Kaku Shimokochi-nai, Ofunado-cho, Ofunado	34.30W
Ofunado-bo—S	(On a tsunami breakwater) Yamagishi, Akasaki-cho, Ofunado	40.41E
Onahama—S	Tatsumi-cho, Iwaki	20.25E
Kashima—S	Aza Hamayashiki, Oaza Izumikawa, Kashima-cho, Kashima	29.15W
Shinagawa—S	Shinagawa-futo, Shinagawa-ku, Tokyo	2.30W
Keihin-ji—S	4, Takashima-cho, Nishi-ku, Yokohama	33.20E
Yamashita-hen—S	Yamashita-cho, Naka-ku, Yokohama	33.20E
Akita—S	19, Kamihama-cho, Tsuchisakiko, Akita	7.12W
Sakata—S	5-12-25, Hikarigaoka, Sakata	0
Niigata—S	4-533-7, Irifune-cho, Niigata	0

#### (4) Accelerograph

As it is mentioned previously, only the SMAC—B2 accelerographs recorded the earthquakes, here the main specifications of the SMAC—B2 accelerograph are listed in Table 2. As there are detailed publications available on the SMAC—B2 accelerograph,<sup>7)</sup> it is not needed to repeat the details of it.

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.

Table 2 Specifications of SMAC--B2 Accelerograph

- (1) Main body of the seismograph:
  - a) Type: 3 element accelerograph
  - b) Natural period: 0.14 sec.
  - c) Sensitivity: 12.5 gals per mm on the paper
  - d) Magnification: x 16 (mechanical)
  - e) Recording range: 6--500 gals
  - f) Recording system: scratching stylus roll-paper
  - g) Recording speed: 1 cm per sec.
  
- (2) Driving part:
  - a) Type: spring motor (hand winding)
  - b) Driving: able to start 5 times, operates for abt. 3 min. after each starting
  - c) Starting apparatus: mechanically starts at 100 gals
  - d) Accessory: special device for saving paper
  - e) Governor: centrifugal type
  
- (3) Time marking system:
  - a) Type: clock with electric-contacts, provided with electric starter
  - b) Time marking: every 1 sec.
  
- (4) Electric self-starter:
  - a) Type: vertical component accelerograph (natural period 0.3 sec.)
  - b) Sensitivity at starting: 5 gals
  - c) Electric contacts: 6 platinum contacts connected in parallel
  
- (5) Electric power supply:
 

Dry cell: 3V x 4 (JIS No. FM. 5)
  
- (6) Net weight: Approximately 100 kg
  
- (7) Dimension: 540 (width) x 540 (length) x 370 (height) mm

(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. 4. The hollow space under the

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.

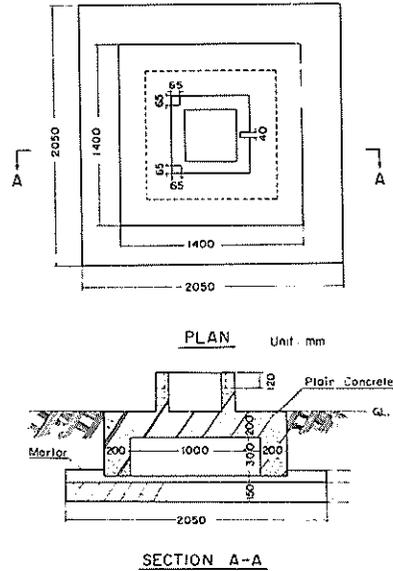


Fig. 4 Foundation for Accelerograph (SMAC-B2)

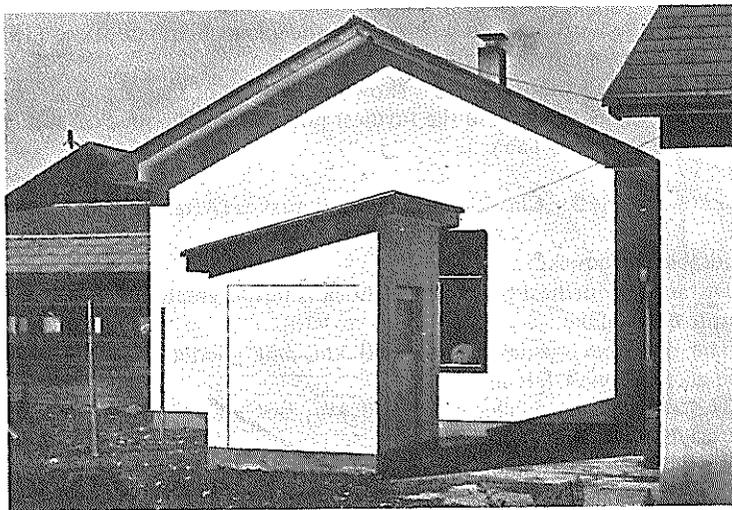


Photo 1 Housing of Otaru-S Station

#### 4. 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. The 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 JMA; that is "Earthquake and Volcanic Activity Report (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.

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.

##### (2) Earthquake Data

The earthquake data except the remarks in the table are based upon the Earthquake and Volcanic Activity Report. 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 3.

Table 3 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;

$$M = \log ( A_N^2 + A_E^2 )^{\frac{1}{2}} + 1.73 \log \Delta - 0.83 \dots\dots\dots (1)$$

where, M is the magnitude;  $A_N$  and  $A_E$  are the maximum amplitudes of N- and E-components in micron respectively; and  $\Delta$  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 4.

Table 4 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 earthquake.
- 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.

5. 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 directions written above and below each trace correspond to the direction 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.

## 6. Digitized Record

The Earthquake Resistant Structure Laboratory intends to digitize all the accelerograms with maximum acceleration larger than 50 gals in the following procedure.

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.

## 7. Preliminary Analyses

### (1) Response Spectrum

The response spectra in this report are calculated from the digitized record by the digital computer using the Runge-Kutta-Gill method to integrate numerically the equation of motion of the oscillator. The time interval of each step of the integration 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 integration, 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.

#### Acknowledgement

The authors would like to thank all the people who have been servicing the accelerographs in the stations. The authors also wish to thank the Computation Center in the Port and Harbour Research Institute for his help in the calculation of the spectra and to the Planning Section in the Institute for his assistance in the publication.

#### References

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Observation Results  
and  
Preliminary Analyses

## STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

### EARTHQUAKE DATA<sup>1)</sup>

Date	May 16, 1968	Intensities	VI	Tomakomai
Time	09:49		V	Hachinohe, Aomori
Location of Hypocenter		IV	Murooran, Ofunado	
Epicentral Region	Tokachi-oki		Onahama	
Latitude	40.7°N	III	Tokyo, Chiba, Niigata	
Longitude	143.7°E	II	Yokohama	
Depth	20 km	Remarks	named "The 1968 Tokachi-Oki Earthquake"	
Class	Remarkable			
Magnitude	7.8			

### STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration <sup>2)</sup> (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	
Murooran-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	
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	

1) The earthquake data except the remarks are based upon "Earthquake and Volcanic Activity Report" published by JMA.

2) As some of the accelerographs are installed in parallel with the structures, their components named NS are not directed to the due north direction.

\* JMA: Japan Meteorological Agency, Ministry of Transport

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA 1)

Date	May 16, 1968	Intensities	V	Urakawa, Hiroo
Time	19:39		IV	Kushiro, Aomori, Akita Ofunado
Location of Hypocenter		Remarks	III	Nemuro, Muroran, Sakata Miyako
Epicentral Region	Tokachi-oki		II	Tokyo, Chiba, Niigata
Latitude	41.4°N			
Longitude	143.3°E			
Depth	20 km			
Class	Remarkable			
Magnitude	7.4			

STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration <sup>2)</sup> (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	

- 1) The earthquake data except the remarks are based upon "Earthquake and Volcanic Activity Report" published by JMA.
  - 2) As some of the accelerographs are installed in parallel with the structures, their components named NS are not directed to the due north direction.
- \* JMA: Japan Meteorological Agency, Ministry of Transport

## STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

### EARTHQUAKE DATA<sup>1)</sup>

Date	June 12, 1968	Intensities	IV	Aomori, Hachinohe, Miyako
Time	22:42		III	Kushiro, Ofunado, Onahama Akita, Sakata
Location of Hypocenter		Remarks	II	Tokyo, Yokohama, Chiba Niigata
Epicentral Region	Tokachi-oki			
Latitude	39.4°N			
Longitude	144.3°E			
Depth	20 km			
Class	Remarkable			
Magnitude	7.3			

### STRONG-MOTION ACCELEROGRAPH RESULTS

Station		Record Number	Max. Acceleration <sup>2)</sup> (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	

1) The earthquake data except the remarks are based upon "Earthquake and Volcanic Activity Report" published by JMA.

2) As some of the accelerographs are installed in parallel with the structures, their components named NS are not directed to the due north direction.

\* JMA: Japan Meteorological Agency, Ministry of Transport

## STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

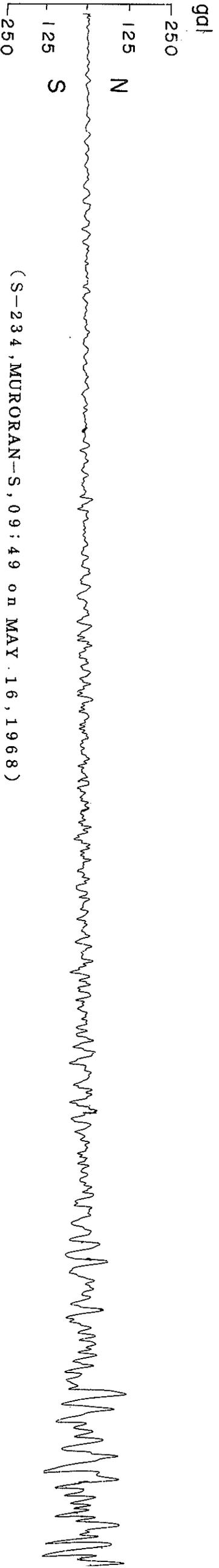
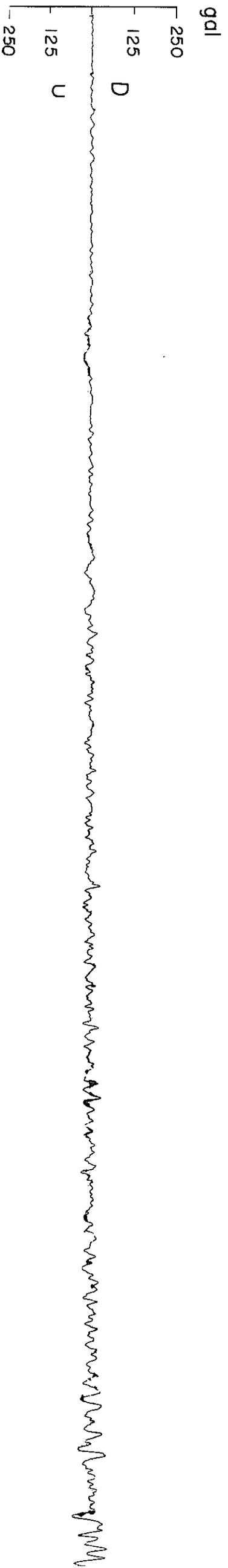
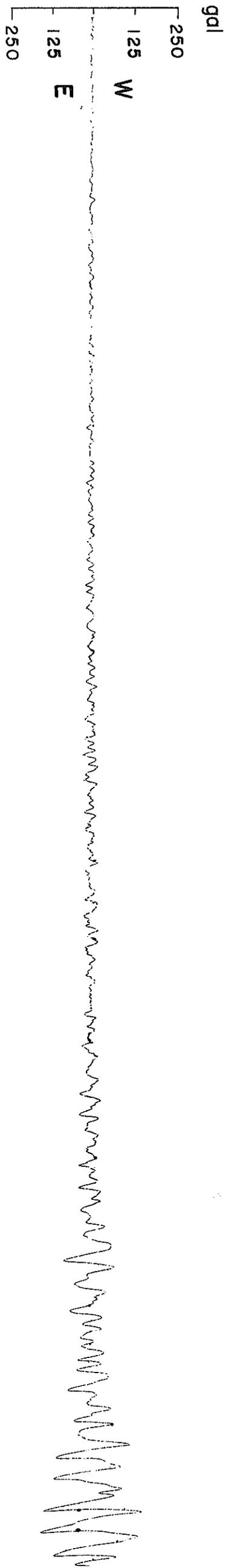
### EARTHQUAKE DATA 1)

Date	September 21, 1968	Intensities	V	Urakawa
Time	20:06		IV	Aomori, Hachinohe
Location of Hypocenter		Remarks	III	Kushiro, Tomakomai, Otaru
Epicentral Region	Urakawa-oki		II	Ofunado, Sakata
Latitude	41.9°N			
Longitude	142.8°E			
Depth	40 km			
Class	Remarkable			
Magnitude	6.9			

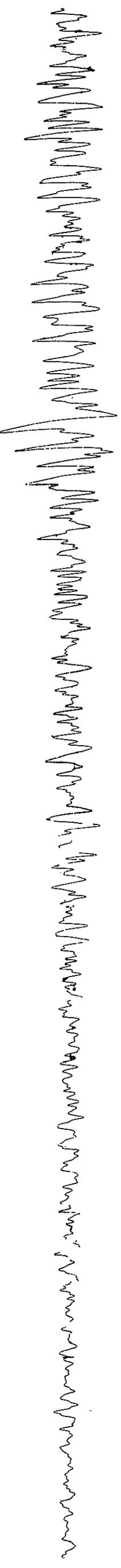
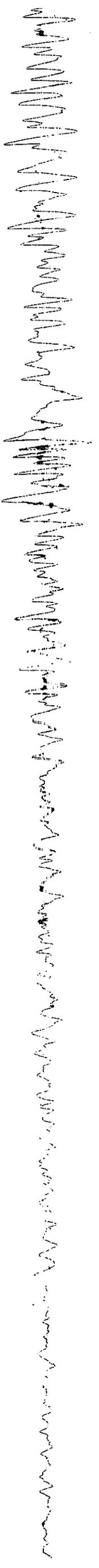
### STRONG-MOTION ACCELEROGRAPH RESULTS

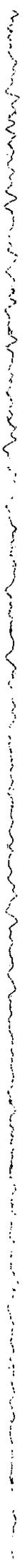
Station		Record Number	Max. Acceleration <sup>2)</sup> (gal)			Note
Abbreviated Name	Installation Condition		NS	EW	UD	
Otaru-S	on ground	S-403	7	8	3	
Muroran-S	on ground	S-399	46	40	19	
Aomori-S	on ground	S-400	21	25	14	
Hachinohe-S	on ground	S-401	36	29	11	
Onahama-S	on ground	S-409	--	--	--	
Akita-S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

- 1) The earthquake data except the remarks are based upon "Earthquake and Volcanic Activity Report" published by JMA.
  - 2) As some of the accelerographs are installed in parallel with the structures, their components named NS are not directed to the due north direction.
- \* JMA: Japan Meteorological Agency, Ministry of Transport



(S-234, MURORAN-S, 09:49 on MAY 16, 1968)





NO.	COMPONENT=N-S					SIGNAL=BR.ACC.					CORRECTION=ARC.ERR.					STATION=MURORAN-S				
	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	0.	-1.20	-2.80	2.00	-1.40	-2.60	0.00	-0.60	2.80	-6.00	-0.10	3.80	-6.41							
2	0.	-1.30	-4.00	3.00	-1.40	-3.50	0.80	-0.10	3.00	-7.23	-0.10	3.80	-9.50							
3	0.	-1.70	-4.00	3.60	-0.80	-4.10	0.90	-0.10	3.80	-9.49	-0.40	3.80	-9.19							
4	0.	-1.90	-4.20	4.20	-0.50	-5.00	1.00	-0.50	4.20	-8.88	-0.50	4.20	-7.88							
5	0.00	-2.40	-4.20	4.80	0.	-6.20	1.70	-1.50	4.80	-6.49	-1.50	4.80	-5.89							
6	1.70	-2.10	-4.20	4.80	0.	-6.60	2.00	-1.50	4.50	-5.00	-1.50	4.50	-4.40							
7	4.51	-2.50	-4.30	4.80	0.	-6.90	2.00	-1.10	3.60	-4.00	-1.10	3.60	-3.90							
8	6.25	-2.50	-4.30	4.80	0.	-6.90	2.00	-1.10	3.60	-4.00	-1.10	3.60	-3.90							
9	-9.87	-2.60	-4.30	4.80	0.	-6.80	1.50	-0.80	3.00	-3.00	-0.80	3.00	-2.70							
10	-3.79	-2.80	-4.30	4.80	0.10	-6.80	1.00	-0.20	2.20	-2.20	-0.20	2.20	-2.10							
11	-1.90	-3.30	-4.30	4.80	0.	-6.80	0.50	0.20	1.40	-1.40	0.20	1.40	-1.20							
12	1.40	-3.80	-4.30	4.80	-0.00	-6.80	-0.50	-0.50	0.60	-0.60	-0.50	0.60	-0.50							
13	5.00	-4.20	-4.30	4.80	-1.10	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
14	2.69	-4.00	-4.30	4.80	-1.70	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
15	-2.40	-3.60	-4.30	4.80	-2.20	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
16	-3.70	-3.10	-4.30	4.80	-3.00	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
17	-4.00	-2.60	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
18	-5.29	-1.90	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
19	0.30	-1.50	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
20	1.60	-1.20	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
21	1.40	-0.80	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
22	1.00	-0.60	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
23	0.20	-0.70	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
24	-0.50	-0.60	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
25	-0.70	-0.60	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
26	-0.20	-0.70	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
27	0.	-0.70	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
28	0.00	-0.80	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
29	0.10	-0.80	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
30	0.30	-0.80	-4.30	4.80	-3.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
31	0.20	-1.10	-4.30	4.80	-4.60	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
32	-0.00	-1.60	-4.30	4.80	-4.60	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
33	-0.50	-2.60	-4.30	4.80	-3.90	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
34	-1.50	-3.20	-4.30	4.80	-3.40	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
35	-2.70	-3.60	-4.30	4.80	-2.40	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
36	-3.70	-3.60	-4.30	4.80	-0.10	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
37	-2.00	-2.60	-4.30	4.80	1.40	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
38	-3.70	-1.90	-4.30	4.80	2.60	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
39	-3.90	-1.30	-4.30	4.80	4.20	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
40	-3.59	-0.60	-4.30	4.80	5.00	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
41	-4.59	0.	-4.30	4.80	4.60	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
42	-3.00	0.	-4.30	4.80	4.30	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
43	-1.30	0.	-4.30	4.80	3.90	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
44	-0.60	-0.00	-4.30	4.80	3.40	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
45	-0.10	-0.50	-4.30	4.80	2.40	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
46	-0.10	-0.80	-4.30	4.80	1.40	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
47	-0.20	-1.50	-4.30	4.80	-0.00	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
48	-0.20	-2.00	-4.30	4.80	-0.50	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
49	-0.40	-3.00	-4.30	4.80	-1.10	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							
50	-0.80	-3.40	-4.30	4.80	-1.85	-6.80	-1.40	-1.40	0.20	-0.20	-1.40	0.20	-0.20							

RECORD=3-234  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N--S  
 SIGNAL=GR,ACC.  
 SAMPLING INTERVAL= 0.0101SEC  
 CURCETION=ARG,ERR.  
 FORMAT NO.=301  
 STATION=NURORAN=S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 200)	( 350)	( 500)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	2.00	-1.60	0.40	0.40	-4.60	4.20	-3.10	-7.89	+2.80	-7.70
2	1.20	-2.20	0.40	-0.00	-4.20	3.60	-1.90	-7.19	-2.50	-7.91
3	1.20	-4.10	0.40	-0.80	-3.70	3.50	-0.60	-6.19	-2.60	-8.49
4	0.50	-4.81	0.40	-1.60	-2.20	2.60	-1.10	-5.30	-2.60	-8.08
5	-0.20	-6.51	-1.20	-2.90	-1.40	1.90	-1.90	-4.59	-2.40	-6.62
6	-1.60	-7.60	-2.40	-5.10	-0.20	1.80	-2.10	-2.50	-2.70	1.60
7	-0.10	-7.37	-0.61	-3.10	2.40	1.20	-2.60	-2.30	-2.80	4.21
8	-5.21	-4.38	-6.11	-2.60	3.40	0.20	-1.50	-2.00	-2.80	5.61
9	-9.98	1.40	-7.65	-1.70	4.21	-0.40	3.10	-2.00	-2.70	6.81
10	-15.85	1.30	-11.32	1.20	5.80	-0.40	3.60	-2.10	-2.50	8.21
11	-15.03	0.50	-11.85	-0.30	6.20	-4.10	4.00	-2.90	-2.10	8.71
12	-15.03	0.50	-10.06	-0.10	6.80	-5.10	3.40	-2.10	-1.00	8.39
13	-15.57	-1.50	-8.06	-0.10	6.59	-5.91	2.10	-1.60	-0.10	8.69
14	-14.95	-2.91	-2.07	-0.10	5.29	-6.71	0.40	-0.10	0.	8.29
15	-10.81	-5.81	0.50	-0.60	3.10	-7.50	-0.80	1.00	0.	7.78
16	-11.01	-6.60	1.30	-2.50	1.40	-7.50	-1.50	2.00	0.	6.44
17	-3.58	-6.20	4.00	-3.10	0.80	-7.80	-1.50	2.00	-0.00	0.00
18	-7.27	-5.60	2.80	-3.20	1.20	-8.00	-1.90	2.10	-0.10	3.10
19	-4.48	-5.60	3.70	-3.80	1.20	-8.09	-2.20	3.10	-0.20	-5.21
20	-0.40	-5.10	4.61	-4.20	1.20	-7.28	-3.00	3.60	-0.60	-7.70
21	1.10	-5.20	7.50	-4.20	0.70	-6.19	-3.90	3.50	-1.00	-15.32
22	4.10	-5.80	7.50	-4.10	-0.00	-5.19	-4.70	3.20	-1.70	-15.64
23	4.80	-6.40	7.08	-4.10	-2.50	-3.90	-4.50	2.50	-2.10	-16.27
24	9.10	-6.59	4.78	-4.10	-3.60	-3.50	-3.59	0.30	-2.80	-15.66
25	2.00	-6.29	0.20	-4.10	-4.71	-3.10	0.80	-0.80	-2.30	-12.91
26	0.40	-4.09	-0.40	-4.40	-6.31	-2.60	1.50	-3.70	-2.30	-7.88
27	-1.20	-2.60	-4.41	-5.51	-7.91	-0.60	2.30	-4.20	-2.50	-6.67
28	-1.60	-2.40	-6.10	-6.51	-8.89	-0.60	2.40	-5.30	-2.40	-3.59
29	-1.30	-1.80	-6.50	-8.02	-8.60	0.20	2.80	-5.90	-2.30	-0.80
30	-0.10	-1.20	-6.70	-9.58	-8.39	1.20	2.80	-5.54	-2.30	0.20
31	2.10	-0.50	-6.81	-8.78	-8.00	0.50	3.10	-2.80	-2.30	0.50
32	2.70	-0.50	-7.61	-7.47	-8.01	-0.60	3.60	-2.30	-2.30	0.50
33	2.60	-0.70	-8.14	-4.58	-8.70	-3.70	4.60	-2.30	-2.30	0.
34	2.10	-0.70	-11.01	-1.90	-9.41	-5.42	5.60	-2.30	-0.60	-0.00
35	1.70	-0.90	-11.50	-0.00	-9.90	-7.81	5.90	-2.30	-0.60	-0.60
36	-0.00	-1.50	-11.49	-0.20	-9.90	-8.91	5.58	1.90	-2.30	-0.90
37	-0.60	-2.60	-10.97	-0.40	-9.89	-8.59	2.20	-0.10	-2.80	-1.60
38	-1.50	-2.80	-9.66	-0.40	-9.59	-8.99	-0.60	-2.20	-3.20	-1.60
39	-1.80	-2.80	-8.48	-0.40	-8.98	-8.49	-3.50	-5.20	-2.40	-1.70
40	-2.30	-3.50	-6.99	-0.40	-8.07	-7.81	-3.50	-6.00	-2.80	-1.60
41	-2.90	-1.80	-5.59	-0.40	-5.69	-8.41	-4.30	-5.90	-1.50	-1.00
42	-3.20	0.00	-3.99	-0.40	-4.49	-8.21	-5.21	-5.89	-1.90	1.20
43	-3.90	0.40	-1.70	-0.40	-2.90	-9.99	-6.11	-5.09	-2.80	2.60
44	-3.10	0.80	-0.10	-0.60	-1.20	-9.66	-7.81	-3.70	-3.80	4.41
45	-1.70	0.80	0.40	-0.70	0.50	-7.89	-8.72	-2.80	-4.80	5.90
46	-1.70	0.70	0.90	-1.60	1.80	-6.79	-9.92	-2.80	-5.70	5.90
47	-0.70	0.70	1.00	-2.70	2.60	-5.80	-10.63	-2.80	-6.10	5.60
48	-0.60	0.40	1.00	-4.10	3.60	-6.40	-11.98	-2.80	-6.51	5.07
49	-0.50	0.40	1.00	-4.50	4.00	-4.70	-11.85	-2.80	-7.20	0.40
50	-1.05	0.40	0.70	-4.55	4.10	-3.90	-9.61	-2.80	-7.45	-1.05

NO.	COMPONENT=N=5					SIGNAL=GR.ACC.					CORRECTION=ARC.ERR.					STATION=MURORAN=S				
	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	-2.50	-9.86	-18.54	-5.59	-10.70	-6.72	-19.68	-22.69	5.10	-11.88										
2	-6.70	-7.88	-21.60	-1.60	-10.47	-8.30	-16.71	-24.08	5.06	-11.36										
3	-4.60	-6.70	-21.48	-0.70	-9.08	-8.30	-9.08	-22.47	15.29	-5.88										
4	-5.50	-6.20	-19.27	-1.30	-7.79	-8.40	-5.58	-19.38	17.12	-8.88										
5	-5.80	-5.70	-15.50	-1.80	0.40	-8.72	-3.09	-15.40	17.87	-8.00										
6	-5.80	-5.90	5.80	-2.60	3.61	-10.06	-0.30	-9.84	16.83	-7.69										
7	-5.00	-6.10	5.31	-4.01	5.81	-12.76	0.50	-6.70	18.99	-6.70										
8	-4.80	-6.10	5.40	-5.51	6.50	-14.92	1.70	-8.81	9.24	-6.19										
9	-5.40	-5.79	5.49	-6.41	7.00	-14.70	2.10	-5.94	5.94	-4.69										
10	-5.90	-4.79	5.89	-7.70	7.30	-14.77	2.80	-1.40	10.73	-1.99										
11	-6.12	-2.70	7.18	-7.89	7.08	-14.09	2.40	-15.92	-2.40	6.03										
12	-8.55	-0.20	1.60	-7.48	5.28	-11.60	1.40	-16.25	-1.90	9.87										
13	-11.70	0.10	0.00	-5.49	3.29	-11.60	0.50	-15.30	0.30	13.13										
14	-11.82	-0.00	0.80	-3.69	-1.10	-11.72	0.	-13.44	1.60	13.79										
15	-12.88	-1.20	0.80	-1.80	-2.60	-12.41	-0.00	-11.84	1.10	10.56										
16	-11.88	-2.00	1.20	-1.30	-4.21	-12.71	-0.60	-9.87	0.50	12.63										
17	-11.07	-2.70	1.90	-2.00	-5.81	-12.99	-0.70	-8.57	-1.90	10.48										
18	-10.38	-3.50	1.90	-2.60	-6.61	-9.94	-1.00	-6.99	-3.61	9.58										
19	-9.18	-4.30	2.20	-3.60	-7.61	-7.23	-1.60	-5.79	-6.22	8.38										
20	-7.89	-4.90	2.60	-3.80	-8.09	-1.30	-3.30	-3.99	-8.28	7.29										
21	-6.98	-5.52	4.00	-4.10	-7.60	4.82	-4.10	-1.80	-13.77	6.19										
22	-5.49	-8.46	4.40	-3.69	-7.60	7.36	-5.30	-1.10	-15.55	5.19										
23	-3.88	-12.17	5.50	-1.70	-7.50	12.08	-6.09	-3.71	-16.45	2.79										
24	2.40	-14.35	5.39	0.30	-7.50	12.99	-5.08	-11.72	-17.08	-2.80										
25	3.90	-15.44	4.40	1.60	-7.83	12.55	-2.30	-11.72	-13.69	-5.12										
26	5.10	-14.03	3.79	2.50	-9.93	10.97	1.90	-12.60	-13.39	-7.85										
27	5.60	-7.74	-0.00	3.80	-11.41	9.87	3.90	-12.21	-13.13	-11.50										
28	5.60	4.46	-2.60	4.30	-11.68	8.38	4.60	-12.53	-13.91	-13.11										
29	5.39	17.10	-4.01	4.40	-11.02	7.08	5.00	-13.35	-16.51	-15.27										
30	4.29	17.14	-5.91	4.60	-8.16	5.59	4.70	-14.85	-16.69	-12.68										
31	1.20	17.71	-7.70	4.70	-5.64	4.60	4.50	-18.07	-19.56	-9.19										
32	-1.90	17.83	-7.59	4.60	3.20	4.09	4.00	-20.42	-15.60	-8.39										
33	-3.50	16.66	-7.28	4.30	4.91	2.50	4.41	-21.55	-8.28	-7.70										
34	-4.80	14.22	-5.89	3.69	6.82	-0.50	5.82	-19.23	3.00	-7.70										
35	-5.70	10.26	-4.80	-0.50	8.41	-3.61	8.11	-8.26	3.10	-7.48										
36	-5.90	8.39	-4.60	-3.00	8.81	-5.93	8.49	-5.39	9.10	-5.65										
37	-6.20	7.59	-4.40	-5.41	9.58	-9.44	8.09	-3.20	2.60	-5.70										
38	-6.20	6.49	-4.60	-6.40	8.69	-13.67	7.18	-2.40	2.00	5.76										
39	-5.89	5.47	-5.20	-6.60	7.60	-15.60	5.16	-3.61	2.10	13.60										
40	-5.20	0.80	-5.90	-6.40	7.60	-17.49	1.40	-6.80	3.10	13.75										
41	-5.20	-3.10	-5.49	-6.00	7.92	-18.98	-3.61	-16.92	5.01	12.48										
42	-5.00	-5.33	-6.20	-5.40	9.36	-21.99	-6.03	-18.85	6.81	8.84										
43	-5.57	-10.00	-1.00	-5.61	12.28	-24.15	-9.41	-20.75	7.80	5.56										
44	-6.71	-10.10	-0.80	-6.72	11.54	-24.44	-9.70	-20.00	7.58	-0.50										
45	-7.61	-9.88	-1.20	-8.71	9.56	-23.94	-9.91	-7.44	6.18	-3.50										
46	-8.33	-9.09	-2.20	-9.52	7.48	-23.42	-10.42	5.51	3.98	-4.80										
47	-10.22	-8.41	-3.60	-10.40	5.36	-22.69	-11.39	-2.30	-2.30	-5.70										
48	-11.01	-9.16	-5.21	-10.41	-0.20	-21.75	-14.63	8.09	-4.91	-4.99										
49	-13.39	-12.72	-6.10	-10.70	-3.91	-21.27	-17.59	7.38	-7.15	-3.90										
50	-10.66	-15.60	-4.54	-10.70	-5.31	-20.54	-20.17	6.24	-9.55	-4.50										

NO.	STATION=MURORAN-S TOTAL NUMBER OF DATA= 9000												
	( 1300)	( 1350)	( 1400)	( 1450)	( 1500)	( 1550)	( 1600)	( 1650)	( 1700)	( 1750)	( 1800)	( 1850)	( 1900)
1	-5.11	-15.62	2.50	-10.08	9.77	-7.79	13.29	-18.95	7.60				
2	-7.13	-12.13	5.29	-4.86	8.49	-6.48	10.49	-15.52	7.19				
3	-9.72	-6.71	4.20	2.10	7.87	15.28	10.05	-8.55	6.49				
4	-13.72	2.90	5.10	6.43	5.28	16.82	-5.09	-5.20	5.20				
5	-14.83	3.80	3.81	11.49	2.00	17.12	-2.51	-2.80	4.37				
6	-21.69	5.00	2.92	10.96	10.60	16.96	-0.80	-0.80	-3.61				
7	-20.86	5.70	8.51	9.66	10.19	10.19	-10.01	0.00	-6.25				
8	-19.27	6.41	9.09	11.89	3.20	5.17	-10.48	1.10	-11.71				
9	-10.77	7.21	8.59	11.19	3.00	0.50	-5.29	1.50	-11.75				
10	-9.62	8.31	7.87	10.80	4.71	-1.70	-2.90	-6.60	-6.60				
11	-10.58	9.19	2.76	10.58	6.82	-2.89	-0.70	-1.80	4.23				
12	-15.82	8.79	-0.10	9.86	8.81	0.60	-1.70	-2.80	12.47				
13	-15.79	3.59	4.51	7.09	9.38	3.61	-3.60	-4.10	14.67				
14	-14.81	7.98	-0.52	4.10	-0.40	6.01	-4.11	-4.29	13.65				
15	-20.46	6.78	-0.12	6.74	-4.84	7.50	-7.71	-2.69	9.97				
16	-14.77	4.99	-0.77	-1.90	-11.98	3.87	-8.79	4.62	8.78				
17	-10.59	3.79	-0.79	-1.75	-4.41	6.78	-6.18	9.55	7.77				
18	-2.29	1.80	-0.79	-17.51	-5.71	4.95	-6.66	12.08	5.67				
19	4.01	-0.00	-0.20	-17.97	-7.21	-3.61	-2.89	11.49	0.80				
20	7.90	-1.70	-0.21	-15.99	-8.62	-7.05	-2.00	10.93	-2.50				
21	15.29	-1.60	-7.75	-16.62	-9.71	-11.74	-1.50	8.17	-1.50				
22	17.19	-0.40	-11.95	-10.48	-10.19	-16.49	-1.90	5.79	-2.20				
23	18.60	-0.00	-13.70	-4.49	-9.81	-17.96	-2.60	4.29	-2.50				
24	14.90	-0.20	-15.58	-5.30	-11.11	-10.49	-2.79	2.70	-3.20				
25	14.94	-0.90	-12.86	-6.80	-10.19	-15.87	5.47	1.90	-3.50				
26	14.82	-4.01	-11.87	-4.61	-15.47	-15.47	16.26	3.50	-3.90				
27	15.95	-6.15	-10.77	-7.51	-5.05	-7.59	17.14	4.80	-4.00				
28	16.49	-11.77	-9.48	-8.20	2.30	-6.68	16.27	5.88	-4.50				
29	9.79	-13.98	-8.16	-8.49	-3.60	-22.40	15.43	2.99	-4.89				
30	4.69	-13.27	-9.57	-7.89	2.00	-2.40	29.13	-1.70	-2.70				
31	3.70	-7.46	-1.60	-6.80	1.60	-0.00	29.14	-8.62	-3.30				
32	-3.11	-0.89	-1.90	-7.20	-1.50	-24.48	-3.00	-15.93	-4.60				
33	-7.42	-1.90	-4.10	-6.80	-5.00	-10.73	-4.19	-20.02	-5.71				
34	-9.26	-2.40	-4.71	-6.80	-5.90	-8.08	-0.90	-21.73	-8.69				
35	-6.98	-5.21	-6.13	-4.71	-6.49	-6.41	-0.90	-22.00	-7.86				
36	-5.09	-7.49	-9.61	-6.71	-5.68	-7.70	-2.00	-22.13	-4.56				
37	-6.50	-14.64	-10.27	-5.66	0.20	-8.43	-2.40	-22.90	3.51				
38	-4.51	-15.46	-9.49	1.00	0.20	-4.06	-3.20	-22.33	7.85				
39	-9.71	-14.50	-8.79	-9.51	-0.20	-4.06	-3.70	-21.46	11.79				
40	-7.85	-8.06	-6.90	-10.28	-0.00	-4.06	-3.70	-21.46	11.79				
41	-11.86	-5.08	-8.61	-9.57	-0.20	-4.06	-3.70	-21.46	11.79				
42	-10.40	-1.70	-9.50	-8.08	-0.20	-4.06	-3.70	-21.46	11.79				
43	-10.64	-2.60	-9.47	-6.40	-15.56	14.80	-2.60	-19.13	9.95				
44	-7.87	-6.90	-7.97	-6.71	-14.20	14.74	-2.60	-16.77	7.68				
45	-5.29	-5.41	-5.87	-7.81	-12.24	11.51	-2.60	-11.57	6.19				
46	-6.90	-7.90	-4.27	-8.21	-10.45	8.17	-5.11	-7.24	5.29				
47	-5.54	-7.67	1.10	-6.40	-8.37	6.00	-6.49	4.41	3.80				
48	-7.37	-5.15	3.40	-7.46	-8.61	5.61	-15.83	6.01	4.10				
49	-10.74	3.90	3.40	-7.54	-5.21	7.05	-16.56	7.60	1.50				
50	-14.75	4.60	4.20	-8.87	-6.66	10.28	-17.90	7.60	-1.00				

RECORD=5-234  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=V-S  
 SIGNAL=GR.AUG.  
 CURRENTION=ARC.ERR,  
 STATION=MURORAN-S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 2000)	( 2050)	( 2100)	( 2150)	( 2200)	( 2250)	( 2300)	( 2350)	( 2400)	( 2450)
1	-0.51	-6.66	20.85	15.81	-7.46	-6.10	28.17	11.80	6.19	-29.61
2	-3.51	-12.98	18.81	16.01	-12.79	5.80	27.83	11.91	5.29	-28.16
3	-7.84	-15.23	15.91	15.91	-15.91	6.10	26.39	12.10	3.87	-22.45
4	-10.51	-17.92	7.60	12.41	-16.72	6.60	22.83	12.09	-4.42	-15.32
5	-15.37	-19.72	6.84	6.84	-17.06	6.15	22.14	11.88	-8.63	-3.87
6	-18.56	-22.40	-1.50	1.20	-16.09	0.10	20.77	11.09	-16.72	4.62
7	-16.81	-24.03	-7.58	-7.58	-10.81	-5.12	20.50	10.57	-20.98	9.11
8	-17.57	-23.33	4.20	-14.30	-8.49	-9.12	20.34	9.47	-29.85	15.15
9	-15.28	-21.78	5.70	-16.65	-7.78	-16.00	18.64	8.08	-33.55	16.13
10	-7.18	-19.26	5.60	-17.44	-6.88	-17.80	17.40	6.98	-38.05	16.64
11	5.10	-12.81	1.89	-16.17	-4.17	-19.83	10.23	5.17	-37.87	17.06
12	4.00	-7.39	-5.02	-10.65	4.61	-20.81	7.07	0.70	-34.39	16.16
13	3.40	1.60	-8.19	-11.92	6.60	-20.88	-4.42	-2.50	-27.80	12.04
14	2.00	5.96	-14.64	-12.57	6.91	-20.53	8.50	-5.11	-21.30	10.17
15	1.40	14.09	-15.48	-14.25	7.50	-18.29	14.90	-6.62	-21.30	8.97
16	1.40	16.58	-15.17	-14.86	7.49	-15.42	17.13	-8.77	-21.21	7.89
17	3.40	19.48	-14.46	-9.91	6.88	-6.19	-19.19	-13.33	-20.20	6.29
18	4.61	20.33	-10.73	-9.80	3.90	5.01	-20.42	-16.68	-17.81	4.89
19	5.80	19.45	-14.56	7.35	3.00	6.62	-21.83	-20.03	-13.11	2.20
20	6.20	17.41	-18.51	11.71	3.80	8.42	-24.24	-26.15	9.95	-1.40
21	5.89	11.68	-25.60	15.22	5.00	9.74	-27.05	-28.91	12.20	-6.13
22	4.39	7.78	-30.66	13.62	5.00	16.04	-30.22	-29.33	1.23	-9.76
23	2.50	6.09	-35.10	13.96	4.19	18.89	-32.78	-27.69	13.11	-17.74
24	-1.20	5.39	-38.13	17.02	2.59	23.58	-39.07	-20.91	13.56	-21.60
25	-2.10	4.50	-34.25	17.40	-2.60	23.18	-38.04	-19.01	15.20	-25.94
26	-3.20	4.09	-26.98	17.40	-4.10	21.15	-35.06	-17.85	19.67	-24.48
27	-3.70	1.80	-18.01	17.67	-5.10	17.21	-26.76	-17.04	26.56	-20.10
28	-3.90	1.60	-6.33	16.66	-5.99	8.26	-9.33	-15.66	30.32	-15.63
29	-4.50	4.61	1.70	11.57	-3.67	6.02	-5.44	-7.74	30.40	-10.69
30	-5.10	6.61	4.31	7.08	5.31	-3.41	3.60	-3.17	30.40	-10.24
31	-5.80	7.79	4.75	4.75	6.20	-7.23	3.90	9.89	30.40	-7.56
32	-5.41	-7.38	14.14	-4.42	6.20	-10.36	4.20	16.70	30.40	-4.00
33	-7.29	5.59	13.02	8.43	6.00	-13.16	3.80	19.91	30.40	-2.79
34	-6.47	3.80	13.37	-16.70	5.60	-14.92	3.70	19.97	25.82	0.80
35	-2.79	-2.50	14.74	-20.09	5.60	-17.42	2.60	19.27	2.60	1.40
36	1.20	-6.30	15.25	-21.81	5.60	-19.38	1.80	14.05	0.80	1.30
37	2.40	-4.41	9.23	-18.36	5.60	-23.66	1.90	6.87	0.60	-0.00
38	2.70	5.70	5.35	-7.71	5.90	-29.30	0.20	6.10	0.40	-1.20
39	3.00	-6.21	1.90	-1.10	5.80	-30.18	0.20	5.60	-1.60	-2.80
40	4.80	7.21	-4.82	0.40	5.37	-29.78	0.60	5.11	-3.71	-4.91
41	5.71	-7.70	-9.47	70.10	1.60	-25.40	1.20	7.82	-7.70	-7.10
42	5.66	-8.00	-10.29	-6.70	-5.02	-8.13	5.42	16.94	-15.40	-7.19
43	12.45	-7.79	-12.85	-4.30	-8.62	-5.68	9.32	19.14	-20.02	-9.61
44	10.98	-7.19	-6.03	4.70	-15.96	-2.60	15.78	19.58	-28.99	-10.27
45	13.50	5.93	0.00	4.69	-18.93	-1.50	17.24	19.23	-31.66	-8.91
46	11.05	3.41	5.50	-3.20	-20.60	0.70	17.89	16.85	-35.04	-5.67
47	7.17	7.25	5.70	2.10	-21.43	3.11	17.64	14.44	-35.70	6.22
48	7.66	19.84	5.60	2.10	-19.65	7.44	16.55	9.17	-35.02	8.60
49	-3.30	21.45	5.90	-2.60	-16.49	19.37	12.48	7.69	-32.53	14.53
50	-4.96	21.18	11.00	5.02	-11.37	24.19	12.14	6.94	-31.05	14.08

RECORDS=264  
 DATE AND TIME=1968. 5.16. 9.49 COMPONENT=N-S SIGNAL=UR.ACC. CURRECTION=ARU.ERR. STATION=MURORAN-S TOTAL NUMBER OF DATA= 9000  
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301

NO.	( 2500)	( 2600)	( 2650)	( 2700)	( 2800)	( 2850)	( 2900)	( 2950)
1	10.54	17.85	14.61	14.98	-48.16	8.32	-16.72	-11.80
2	7.55	16.07	14.79	14.56	-46.84	16.70	-20.78	-11.74
3	7.17	12.24	14.56	13.72	-45.28	21.91	-28.04	-9.85
4	4.29	10.35	13.77	11.78	-42.16	26.52	-31.78	-7.48
5	2.20	8.25	13.98	12.90	-37.24	27.28	-34.58	2.00
6	1.60	4.97	9.56	-1.70	-32.17	27.19	-36.02	4.86
7	4.01	-0.40	7.77	13.11	-25.08	-35.94	15.56	17.89
8	2.91	2.45	16.19	-14.69	-21.56	24.56	16.68	17.73
9	7.11	-3.70	16.68	-19.28	23.57	18.41	16.68	16.33
10	8.31	-4.20	17.86	-26.27	27.85	-28.95	17.85	8.50
11	2.19	-2.50	17.26	-29.26	32.91	-18.19	17.12	-3.71
12	6.69	-5.71	16.52	-34.28	53.44	-15.24	15.55	-7.49
13	7.78	1.07	14.98	-38.43	52.40	-12.13	9.15	-14.82
14	4.29	2.89	8.57	-40.04	50.48	6.33	6.33	-15.01
15	5.49	-5.49	6.50	-40.22	28.68	-7.71	-1.20	-9.23
16	4.90	-3.59	4.21	-38.55	22.16	6.81	-4.11	-5.62
17	4.50	2.40	7.11	-35.64	14.14	37.97	-6.78	6.41
18	7.59	5.61	8.11	-32.69	15.13	50.19	-14.86	19.57
19	2.49	7.42	23.49	-32.69	41.84	52.19	-16.20	30.60
20	-2.60	9.32	-9.70	-25.72	34.52	16.17	-17.73	52.38
21	-2.45	10.31	-12.57	-4.96	27.42	17.42	-16.72	32.61
22	-16.43	19.80	-14.84	19.70	12.24	19.67	-16.32	50.62
23	-10.69	10.59	-17.84	35.09	7.36	24.94	-3.87	26.70
24	-18.09	10.18	-21.53	40.21	-4.24	25.12	6.92	19.33
25	-17.34	9.37	-25.89	41.22	14.84	24.43	31.19	18.56
26	-9.25	7.67	-29.24	41.10	-18.02	22.95	21.61	10.51
27	-6.39	5.17	-31.61	39.47	-22.88	19.98	15.51	6.64
28	-3.80	-0.60	-33.29	37.26	-27.90	16.53	8.34	28.69
29	-5.01	-3.60	-33.85	35.08	-30.21	8.92	4.45	28.89
30	-7.15	-7.22	-33.63	33.40	-31.56	4.09	-6.00	-15.33
31	-9.90	-9.10	-33.05	31.44	-31.95	0.80	-18.90	-18.03
32	-7.68	-9.01	-31.60	29.63	-32.61	-2.80	-29.96	-23.13
33	-3.67	-11.33	-29.76	27.07	-33.07	-3.10	-33.88	-28.49
34	5.41	-10.00	-19.82	23.91	-34.47	-3.91	-41.36	10.12
35	7.10	-9.98	-17.44	21.44	-38.53	-5.90	-46.87	-30.74
36	7.18	-9.10	-12.64	17.55	-40.04	-6.00	-50.20	-27.67
37	2.79	-6.74	-7.66	9.83	-40.30	-5.90	-49.47	-10.14
38	4.80	-0.80	-4.59	6.31	-39.50	-5.88	-46.53	-11.80
39	4.40	3.90	-3.39	-3.93	-36.69	-1.69	-43.54	-8.19
40	3.60	5.10	-1.10	-14.22	-32.10	7.19	-38.80	5.49
41	3.20	-10.29	0.70	-17.53	-25.79	15.60	-31.04	19.27
42	1.30	4.90	3.40	-28.55	-21.39	16.21	-30.62	21.64
43	-3.51	3.60	4.60	-30.54	-20.66	16.37	-32.21	27.55
44	-3.86	2.00	10.93	-19.78	15.72	16.37	-35.62	28.42
45	-13.91	2.60	12.92	-43.78	-18.58	12.36	-38.98	29.11
46	-16.47	20.26	18.05	-48.07	-16.92	11.11	-40.42	29.88
47	-15.05	17.80	18.52	-51.69	-8.64	7.67	-37.94	29.88
48	-10.91	19.62	17.97	-51.87	-4.18	5.07	-30.89	28.80
49	-3.67	19.57	17.45	-51.83	0.80	0.80	-19.11	21.16
50	3.49	14.20	16.72	-50.87	2.40	-5.06	-16.71	17.47
		14.41	13.85	-49.57	5.92	-10.94	-14.24	13.00

RECORD=S-234  
 DATE AND TIME=1968, 5,15, 9,49  
 COMPONENT=N+S  
 SIGNAL=GR,ACC,  
 SAMPLING INTERVAL= 0.0101SEC  
 CORRECTION=ARC,ERR,  
 FORMAT NO.=301  
 STATION=MURGRAN+S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 3000)	( 3050)	( 3100)	( 3150)	( 3200)	( 3250)	( 3300)	( 3350)	( 3400)	( 3450)
1	-31.97	112.65	0.86	17.01	34.68	15.74	14.77	47.72	-33.13	-85.93
2	-41.08	110.44	12.90	36.13	31.62	5.81	15.91	37.87	-43.50	-31.03
3	-42.14	106.99	18.99	47.06	28.69	-6.40	12.24	28.42	-52.88	64.85
4	-50.12	103.13	28.87	50.50	18.63	-18.50	4.46	19.27	-66.57	72.53
5	-52.05	98.57	34.04	50.94	7.92	-27.16	-5.63	15.10	-72.92	77.65
6	-49.32	92.30	42.94	50.04	1.79	-36.37	10.34	7.58	-85.21	81.20
7	-40.54	83.75	49.73	46.60	-7.32	-30.21	20.73	5.40	-96.57	80.76
8	-23.86	73.40	55.48	42.87	-17.77	-37.83	24.19	4.83	-93.08	76.65
9	-9.08	60.07	62.06	40.27	-22.55	-57.19	24.49	10.75	-103.51	68.19
10	-7.90	48.53	66.30	33.42	-33.43	-71.44	15.93	12.71	-107.23	58.23
11	-8.22	38.44	64.50	28.67	-42.16	-77.06	10.00	10.03	-111.94	49.00
12	-9.51	28.87	70.04	19.51	-48.83	-75.68	9.75	6.96	-112.70	39.10
13	-10.05	18.63	76.07	15.75	-54.58	-68.54	7.47	3.48	-85.88	27.79
14	-12.38	14.79	78.72	6.15	-57.23	-37.85	4.56	-4.52	-85.26	17.11
15	-14.92	4.55	69.67	0.20	-64.95	-7.06	-5.24	-9.12	-21.64	5.53
16	-17.46	5.43	48.81	-6.51	-68.51	-3.60	12.31	-10.49	10.96	-4.56
17	-20.45	-10.69	26.29	-18.09	-76.58	-2.70	19.35	-9.80	5.73	-18.30
18	-28.58	-18.79	1.80	-22.75	-80.08	-3.70	29.71	4.20	-3.41	-24.19
19	-33.12	-27.62	5.60	-30.37	-85.69	-8.50	36.11	29.15	-9.43	-29.89
20	-40.06	-31.00	6.00	-36.52	-91.47	-4.71	49.13	34.44	-16.12	-30.10
21	-42.93	-35.58	2.56	-44.53	-94.18	-6.02	55.83	31.32	-18.16	-24.92
22	-45.20	-41.83	0.20	-50.81	-102.42	-8.62	64.52	26.51	-17.15	-8.61
23	-46.78	-47.71	-3.41	-55.04	-105.91	-16.00	69.67	17.31	-8.84	-3.00
24	-48.89	-53.87	-7.40	-58.17	-112.31	-20.50	77.28	4.74	6.23	-3.70
25	-41.84	-56.49	-11.84	-60.61	-117.54	-29.12	77.89	-7.23	54.98	-6.79
26	-37.02	-58.95	-18.54	-60.45	-118.60	-34.45	63.71	-19.36	101.57	-16.31
27	-32.26	-60.22	-22.11	-58.96	-118.50	-43.03	13.41	-32.54	103.99	-20.77
28	-34.13	-51.63	-26.49	-56.65	-77.44	-48.42	28.39	-42.95	103.51	-31.12
29	-33.11	-33.75	-26.08	-51.04	-56.32	-52.07	28.42	-52.60	99.03	-37.34
30	-30.64	-7.53	-20.86	-42.24	4.79	-49.15	25.26	-78.09	87.13	-47.90
31	-26.64	5.69	-20.30	-28.68	34.94	-21.12	16.26	-78.96	76.30	-55.32
32	-25.33	20.43	-9.16	-6.30	33.18	26.24	5.73	-89.46	67.52	-62.21
33	-21.75	44.68	-1.79	13.21	32.55	29.36	-4.62	-95.87	56.74	-63.23
34	-19.27	63.58	13.05	17.46	33.78	29.06	-8.13	103.44	46.56	-16.22
35	-16.57	77.03	20.22	18.54	37.11	26.32	17.41	-79.50	36.42	36.36
36	-16.20	78.73	26.55	18.88	44.05	20.70	20.42	1.43	25.43	63.29
37	-17.94	78.25	26.03	22.39	53.00	17.43	18.58	72.37	16.84	72.46
38	-20.45	74.45	22.41	29.54	62.90	13.65	15.67	71.19	-4.86	72.55
39	-27.43	67.45	18.49	35.26	76.44	6.98	58.47	68.77	-16.61	69.93
40	-30.29	58.40	13.52	40.03	83.86	4.36	82.60	66.27	-22.60	66.43
41	-34.46	48.38	10.30	49.87	91.33	-3.51	90.30	59.07	-33.86	58.37
42	-39.43	38.58	2.97	64.04	91.94	-6.17	92.85	53.91	-42.79	49.04
43	-57.20	29.60	2.19	76.37	90.62	-15.09	94.18	46.79	-50.48	39.13
44	0.11	19.92	-4.32	70.02	84.52	-19.68	93.77	37.40	-58.40	30.48
45	64.53	15.37	-7.05	64.83	76.52	-27.37	91.71	27.68	-64.71	25.74
46	81.40	17.37	17.41	26.43	67.96	-30.68	85.88	17.29	-68.51	14.25
47	91.09	4.39	-20.82	48.28	56.45	-33.97	80.20	5.72	-74.19	2.59
48	97.55	1.90	-24.95	42.47	48.01	-35.22	75.01	-5.22	-79.15	-7.75
49	106.20	-1.80	-24.75	39.79	37.19	-26.46	66.95	-9.92	-82.89	-20.04
50	111.94	-4.31	-2.82	37.19	26.42	-6.38	57.31	-21.10	-85.48	-27.54

RECORD=S-234  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 CURVECTION=ARC.ERR.  
 TOTAL NUMBER OF DATA= 9000  
 STATION=HURORAN-S  
 FORMAT NO.=331

NO.	( 3500)	( 3550)	( 3600)	( 3650)	( 3700)	( 3800)	( 3850)	( 3900)	( 3950)
1	-60.54	6.89	3.48	-49.53	26.78	67.59	34.23	26.08	-45.20
2	-47.72	8.71	-6.03	-20.70	15.41	55.49	44.82	30.18	-52.23
3	-53.11	-8.46	-9.90	47.10	4.25	45.51	48.45	32.64	-64.45
4	-52.14	-18.60	-20.12	60.96	-6.79	34.04	49.00	30.93	-68.78
5	-56.45	-23.43	-32.87	41.46	-16.11	16.59	48.30	27.58	-78.10
6	-58.25	-31.79	-41.88	48.50	-21.45	5.52	45.60	19.56	-84.52
7	-60.11	-34.82	-47.39	23.36	-21.43	-6.84	41.90	15.12	-88.67
8	-66.90	-35.75	-51.00	57.94	-9.08	20.87	37.05	4.07	-87.05
9	-70.66	-33.37	-45.90	59.00	3.01	83.45	28.76	-5.28	-7.00
10	-73.31	-30.11	-32.90	26.96	5.89	45.81	21.19	-18.41	83.75
11	-81.74	-28.86	-9.40	48.23	4.26	54.37	15.82	-23.47	87.96
12	-82.63	-28.77	-9.13	46.92	-3.91	68.23	5.73	-34.39	88.13
13	-59.32	-29.03	-11.19	34.61	-7.51	79.88	-3.81	-48.89	86.82
14	12.00	-27.73	18.16	18.19	-10.71	89.29	-18.21	-56.81	83.26
15	48.32	-22.43	6.34	7.35	-20.42	94.87	-24.43	-64.25	79.09
16	67.45	-18.70	0.60	2.79	-24.22	105.15	-30.81	-69.19	75.03
17	27.40	-10.18	-20.91	-4.79	-22.47	113.60	-35.31	-73.77	68.49
18	13.67	-9.50	-17.39	-20.65	-15.28	118.66	-41.35	-75.70	64.19
19	4.55	-9.80	-7.31	-30.37	-7.41	127.89	-44.35	-75.81	56.92
20	-6.50	-14.88	0.00	-33.73	-21.11	128.92	-44.64	-76.37	48.64
21	-17.66	-18.80	0.30	-34.92	-16.81	113.92	-48.69	-77.34	49.47
22	-21.47	-21.49	2.32	-33.16	-21.11	86.79	-51.86	-79.25	30.56
23	-22.97	-24.71	16.32	-29.63	-33.13	59.67	-50.72	-81.32	24.92
24	-23.35	-18.69	32.16	42.88	-44.44	32.54	-47.66	-81.30	15.00
25	-17.44	33.42	44.29	46.95	-20.76	19.08	-42.44	-52.11	5.23
26	-16.38	84.16	47.61	44.68	-36.42	17.85	-37.12	24.11	-7.09
27	-13.12	91.15	47.72	38.49	-64.72	21.89	-36.93	50.10	-15.91
28	-22.30	91.44	39.04	30.81	-66.30	28.14	-41.23	45.30	-19.90
29	-31.19	85.94	33.08	25.74	-68.50	27.46	-38.41	41.56	-24.64
30	-36.65	80.27	27.69	13.80	-71.07	11.09	-33.55	38.81	-27.80
31	-43.12	74.91	20.33	3.66	-82.60	26.06	-46.71	34.83	-28.61
32	-48.45	65.96	19.25	-8.89	-85.63	38.17	-50.08	49.03	-27.63
33	-43.54	56.82	18.94	-20.92	-86.80	55.62	-47.22	61.79	-27.65
34	-30.99	47.28	18.05	-35.20	-83.66	49.10	-18.27	64.01	-29.71
35	3.13	37.32	12.77	-37.22	-82.26	42.43	33.15	61.51	-33.13
36	16.92	27.12	9.82	-25.57	-14.00	36.28	45.67	59.88	-39.79
37	42.19	17.08	7.98	-66.59	34.27	47.48	65.55	47.57	-44.58
38	47.13	6.55	2.89	-70.88	15.29	41.45	84.89	37.39	-51.36
39	48.60	1.30	-4.61	-80.94	16.21	35.97	92.38	26.47	-56.96
40	42.97	-6.99	-8.44	-84.84	4.65	27.61	93.61	10.64	-61.51
41	41.97	-15.24	-6.61	-85.61	-5.99	18.44	92.38	4.94	-64.02
42	30.87	-20.21	-9.19	-87.68	-28.48	19.29	85.72	-6.69	-51.71
43	26.38	-23.97	-6.53	-87.99	-34.34	15.09	77.49	-16.50	-28.06
44	26.38	-28.07	-10.47	-84.94	-42.32	3.47	66.71	-20.66	9.26
45	24.10	-26.91	-17.27	-14.92	-30.48	-7.42	59.69	-31.79	12.60
46	29.07	-17.29	-24.44	22.48	-36.18	23.61	49.93	-33.32	4.78
47	26.57	3.83	-33.61	44.76	-34.72	33.65	40.09	-33.82	0.30
48	24.76	14.41	-42.06	-34.72	39.29	37.19	27.95	-35.64	-6.33
49	20.70	14.58	-41.86	-40.16	39.29	4.88	26.85	-40.31	-10.83
50	13.74	8.97	-51.44	39.26	30.00				

RECORDS-234  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=M-S  
 SIGNAL=GR,ACC.  
 SAMPLING INTERVAL=0.040(SEC)  
 CURVECTION=ARC,ERR,  
 FORMAT NO.=301  
 STATION=MURORAN-S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 4000)	( 4050)	( 4100)	( 4150)	( 4200)	( 4250)	( 4300)	( 4350)	( 4400)	( 4450)
1	-12.20	43.06	-6.71	-30.54	-103.28	-42.03	56.52	69.86	-78.49	16.44
2	-16.99	39.19	-8.91	-38.44	-105.60	-44.06	52.64	52.64	-83.33	16.09
3	-14.99	35.61	-21.66	-30.47	-106.02	-46.68	45.67	64.94	-87.54	28.35
4	-8.46	33.19	-34.68	-37.44	-85.86	-20.27	36.73	57.63	-86.87	44.56
5	16.64	39.53	-44.18	-73.36	-65.06	-31.81	27.42	51.36	-42.91	55.32
6	28.57	52.78	-51.82	-83.86	15.75	-49.10	18.63	44.81	32.47	65.60
7	33.03	58.28	-63.28	-90.98	43.70	-6.75	16.42	36.54	70.12	81.87
8	31.62	57.80	-67.73	-99.87	41.30	28.24	15.12	26.19	76.45	81.87
9	29.93	54.30	-68.65	-97.80	39.47	57.81	15.77	15.82	76.45	81.87
10	25.86	47.45	-61.17	-108.36	38.43	36.85	19.19	15.82	76.45	81.87
11	18.10	38.14	-47.25	-83.15	48.33	53.29	24.17	4.17	73.96	102.96
12	14.54	27.66	-31.88	-64.70	64.70	37.47	27.08	-5.08	67.20	109.60
13	4.99	16.05	-12.15	44.62	77.86	32.37	28.99	-18.99	58.57	114.81
14	2.30	6.60	60.57	49.31	83.68	48.08	31.98	-23.57	53.07	123.71
15	-1.50	-3.92	70.26	22.60	87.19	46.70	36.81	-34.29	46.61	132.75
16	-1.80	-11.18	69.50	25.12	87.00	50.84	38.43	-44.48	37.76	132.75
17	3.21	-17.85	60.57	25.97	87.18	55.38	38.43	-52.24	28.50	130.33
18	8.05	-21.36	63.55	24.50	86.03	57.47	38.94	-60.27	20.56	124.25
19	11.41	-21.55	57.15	21.18	84.07	56.01	37.97	-65.12	15.77	116.28
20	11.86	-17.97	52.98	46.02	81.22	28.13	35.77	-66.06	8.14	103.12
21	10.35	-12.32	50.80	38.86	77.13	33.04	31.95	-52.36	3.99	93.22
22	7.26	-15.02	50.22	30.99	70.44	30.99	29.34	-31.33	-0.00	86.47
23	3.48	-16.32	51.76	25.91	64.64	35.90	25.61	-1.10	-4.92	82.59
24	-2.61	-20.75	54.23	18.56	56.00	44.42	20.67	15.64	-9.74	78.18
25	-0.32	-28.70	50.80	14.05	46.21	15.44	19.28	25.53	-16.87	72.03
26	-8.46	-32.00	46.84	8.35	35.70	5.14	17.71	27.60	-21.57	62.88
27	-12.11	-34.28	40.60	11.62	24.86	-4.42	15.00	26.48	-27.51	54.59
28	-12.29	-35.88	36.74	21.50	14.41	-8.73	12.73	15.92	-32.16	46.68
29	-8.63	-33.65	26.77	43.76	2.19	-10.60	5.28	5.90	-35.47	38.05
30	1.38	-30.02	17.72	45.29	-8.92	-14.77	1.20	-6.54	-41.43	27.75
31	29.90	-26.12	1.04	42.71	-22.65	-16.27	1.20	-6.54	-45.07	16.57
32	34.55	-27.99	1.10	37.66	-33.91	-19.30	-15.35	-11.20	-49.25	6.63
33	34.96	-31.58	-7.20	29.70	-44.02	-22.57	-21.08	-22.81	-51.81	-0.70
34	30.59	-36.52	15.79	23.76	-52.39	-31.48	30.87	-34.10	-49.49	-9.69
35	32.64	-43.94	14.43	14.43	-65.71	-38.47	36.58	-44.37	-41.75	-24.28
36	28.26	-46.89	24.20	4.55	-69.53	-50.45	34.92	-52.67	-28.90	-32.55
37	24.98	-47.28	-26.78	-6.54	-76.12	-57.66	34.92	-59.42	-12.43	-43.99
38	16.79	-49.76	-29.15	-10.72	-72.69	-57.18	64.43	-59.64	-10.46	-56.74
39	7.36	43.40	30.54	19.82	61.52	47.89	67.96	-20.68	-8.75	-71.76
40	-1.16	46.25	-31.71	-25.23	47.93	-36.55	74.08	23.77	5.73	79.84
41	-6.81	44.66	-34.68	-31.01	-36.94	-34.05	74.08	19.61	4.67	-87.81
42	-13.02	42.15	-36.14	-33.96	-64.37	-34.05	74.08	15.62	77.04	-94.90
43	-20.25	38.73	-30.26	-38.40	-33.44	-33.44	68.59	5.73	79.00	-103.56
44	-33.07	38.74	-17.84	-43.99	-32.69	-13.32	37.50	4.12	77.22	-114.86
45	-43.15	37.54	-8.54	-51.75	-35.02	-15.23	14.91	-10.32	70.91	-124.39
46	-49.12	34.76	-4.90	-64.42	-33.27	-18.07	26.92	-20.82	64.41	-142.85
47	-54.06	30.28	-3.12	-78.52	-34.07	74.02	43.07	-33.80	56.45	-154.54
48	-52.80	25.06	-9.26	-79.00	-35.44	74.02	52.47	-42.84	47.28	-160.54
49	-12.24	15.50	-1.89	-69.14	-65.44	74.02	62.47	-51.70	37.73	-167.48
50	19.44	5.87	-24.22	-94.77	-39.78	56.10	67.77	-64.66	28.56	-178.15
								-70.06	22.62	-185.71

RECORDS=204  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=R+J  
 SIGNAL=GR,ACU.  
 CURVECTION=ARC,ERR.  
 STATION=MUROBRAN-S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 4500)	( 4550)	( 4600)	( 4700)	( 4750)	( 4800)	( 4850)	( 4900)	( 4950)
1	-192.79	-124.53	04.60	12.40	-29.78	6.32	33.22	27.29	23.22
2	-200.25	-146.44	00.64	06.50	-35.26	8.11	33.96	25.19	19.93
3	-203.73	-165.49	06.71	06.22	-47.62	9.03	31.55	18.24	15.61
4	-204.57	-160.53	04.80	-0.70	-40.20	11.08	29.17	10.79	10.27
5	-200.97	-17.58	47.60	42.43	-25.12	14.03	27.35	2.59	4.59
6	-180.67	25.38	40.65	36.48	-52.93	17.43	25.28	-3.72	2.20
7	-154.10	68.33	32.49	30.74	-11.01	22.78	23.74	-10.61	5.06
8	-127.83	64.65	25.27	25.88	-76.89	28.50	22.61	-19.61	19.28
9	-104.56	60.45	19.50	17.54	-31.75	34.93	19.62	-26.96	35.38
10	-75.29	55.34	9.47	-49.16	-37.11	40.24	16.09	-29.90	34.82
11	-49.03	48.45	-1.00	-32.85	-30.50	44.59	9.11	-17.73	31.88
12	-24.76	43.13	-0.45	-30.77	-39.09	45.80	4.17	31.71	28.47
13	5.51	65.65	-11.23	6.20	-37.53	44.57	-2.72	30.51	24.05
14	24.78	82.24	-16.56	5.98	-36.20	41.47	-12.75	26.52	21.01
15	59.05	75.94	-21.76	3.89	-5.11	37.98	-19.51	20.51	24.29
16	67.49	67.15	-33.02	1.10	-6.03	34.72	-26.29	15.28	52.99
17	65.07	61.73	-38.91	80.45	-9.47	30.96	-33.06	9.10	58.59
18	61.42	57.11	-35.49	74.99	-12.93	28.70	-35.03	3.99	54.40
19	58.61	52.01	-31.20	68.59	-16.76	22.71	-27.13	-0.50	49.04
20	54.82	46.28	-26.27	58.51	-21.05	16.81	5.60	-6.93	44.32
21	49.41	39.18	-21.18	53.42	-21.50	10.59	6.28	-10.08	41.48
22	48.13	30.29	-17.07	49.59	-20.29	6.19	4.58	-13.90	37.64
23	55.38	21.46	-11.63	44.56	-0.20	5.01	-0.50	-21.18	31.48
24	27.60	14.48	-61.47	68.24	27.62	13.93	-7.78	-26.58	26.69
25	20.22	7.73	-88.13	31.90	36.36	8.69	-14.32	-32.49	20.60
26	12.05	2.69	-95.73	23.75	45.44	7.75	-19.48	-36.95	15.28
27	7.27	-4.12	-101.05	17.12	54.68	4.18	-24.28	-41.70	9.11
28	4.52	-10.11	-108.50	9.85	59.25	-0.80	-28.45	-45.99	4.09
29	9.25	-15.41	-115.02	2.99	58.60	-8.41	-31.58	-47.17	0.30
30	17.20	-21.65	-124.23	-2.91	55.71	-15.67	-20.77	-45.69	-2.40
31	20.13	-27.01	-124.69	-10.23	53.02	-25.17	-14.71	-45.69	-2.40
32	20.21	-35.43	-124.97	-17.24	50.23	-22.85	-14.71	-45.69	-2.40
33	10.86	-41.69	-131.97	-24.06	46.79	-19.75	-14.21	-45.69	-2.40
34	11.43	-48.87	-97.00	-27.87	42.10	-17.74	3.48	-45.69	-2.40
35	5.46	-55.76	-76.04	-36.01	36.54	-14.71	-3.83	-45.69	-2.40
36	-0.00	-65.85	-55.07	-42.56	30.90	-8.33	-14.71	-45.69	-2.40
37	-9.21	-71.21	-44.17	-46.86	24.01	-8.33	-21.47	-45.69	-2.40
38	-13.90	-76.28	-49.56	-50.41	16.04	-40.14	-26.89	-45.69	-2.40
39	-27.71	-80.15	-54.63	-52.45	9.76	-34.95	-34.95	-45.69	-2.40
40	-37.87	-86.92	-57.87	-54.15	-14.55	-29.64	-40.50	-45.69	-2.40
41	-47.27	-92.92	-58.72	-55.12	-22.12	-29.64	-44.77	-45.69	-2.40
42	-57.69	-93.53	-55.69	-29.92	-24.17	-19.26	-42.87	-45.69	-2.40
43	-64.19	-96.77	-50.50	-27.26	-9.81	-10.61	-48.03	-45.69	-2.40
44	-74.87	-98.47	-45.47	-28.45	-25.85	2.78	-51.42	-45.69	-2.40
45	-88.52	-98.98	-42.29	-19.51	-29.39	-7.68	-55.10	-45.69	-2.40
46	-100.74	-92.61	-37.65	-12.68	-31.42	-14.41	-55.123	-45.69	-2.40
47	-111.44	-74.89	6.58	-8.73	-32.66	-23.52	-52.34	-45.69	-2.40
48	-120.54	22.02	71.78	-10.58	-35.22	-46.23	-46.23	-45.69	-2.40
49	-128.16	24.41	68.05	-14.15	-32.00	-41.08	-26.24	-45.69	-2.40
50	-145.02	71.29	55.23	-20.01	-16.85	-30.39	-37.34	-45.69	-2.40
				-24.75	-5.92	7.76	31.99	18.18	7.47

RECORD=S-204  
 DATE AND TIME=1968. 5.16. 9.49 COMPONENT=N-5 SIGNAL=GR.ACC. CURRECTION=ARC.ERR. STATION=MURORAN-S  
 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 9000

NO.	( >000)	( >050)	( >100)	( >150)	( >200)	( >250)	( >300)	( >350)	( >400)	( >450)
1	5.21	-31.43	24.18	-6.14	18.96	24.38	9.27	-10.43	32.37	2.30
2	6.48	-17.82	21.09	-10.66	22.08	26.10	7.59	-11.65	27.98	3.00
3	15.60	-5.85	17.64	-13.26	21.75	48.55	6.59	-13.32	23.17	0.40
4	17.43	5.07	17.86	-10.15	20.11	43.55	5.79	-13.64	17.09	-3.81
5	17.64	18.97	14.44	-14.06	16.93	39.98	5.09	-9.60	9.48	-6.85
6	15.25	43.53	10.91	-28.69	14.23	37.82	2.99	-4.58	3.28	-11.86
7	12.52	28.82	7.55	32.72	10.27	35.71	-2.31	0.00	-6.28	-17.20
8	10.22	62.85	3.88	32.83	4.79	32.95	-7.57	0.70	-15.62	-22.31
9	6.77	63.27	-3.61	29.13	2.50	30.18	-13.68	-0.00	-20.28	-27.95
10	3.39	62.96	-7.79	26.35	1.50	26.86	-18.47	-1.10	-28.06	-31.48
11	-0.10	60.19	-14.63	21.82	2.93	22.37	-24.01	-2.50	-33.04	-34.73
12	-3.10	56.29	-17.88	14.65	20.24	18.40	-30.33	-2.00	-39.44	-35.57
13	-4.61	53.11	-25.75	6.84	28.84	13.10	-33.80	-0.50	-45.90	-34.06
14	-6.51	49.58	-30.65	0.60	28.38	7.94	-37.25	1.60	-50.14	-25.77
15	-7.21	45.91	-35.56	-7.39	24.68	3.58	-38.90	7.92	-54.79	-25.28
16	-7.71	43.11	-40.26	-15.44	19.38	-2.91	-37.67	9.21	-58.60	-19.06
17	-8.21	40.51	-45.52	-20.44	13.17	-6.16	-23.25	9.79	-62.21	-13.33
18	-9.15	37.45	-50.51	-27.18	7.22	-12.10	18.58	9.36	-65.65	0.40
19	-10.06	33.85	-55.00	-35.00	0.20	-15.44	27.29	7.47	-67.66	2.60
20	-10.93	29.46	-61.98	-45.76	-7.28	-18.90	29.07	5.39	-68.00	4.60
21	-14.69	25.06	-71.23	-54.71	-14.10	-21.33	30.40	3.79	-64.29	5.20
22	-14.30	19.82	-76.50	-47.43	-21.48	-25.92	30.80	1.50	-56.52	5.20
23	-15.04	14.31	-82.54	-47.35	-29.63	-30.16	30.68	0.70	-49.80	5.20
24	-19.99	8.03	-88.31	-35.13	-33.51	-33.51	29.60	0.50	-44.20	5.09
25	-19.52	3.18	-94.83	-41.33	-38.00	-38.00	26.61	0.80	-31.79	3.99
26	-10.58	-4.53	-101.58	-48.28	-45.66	-42.23	23.86	1.60	-26.20	1.90
27	-14.06	-10.85	-107.69	-57.58	-47.58	-46.08	19.71	1.90	-19.81	-0.80
28	-15.52	-16.89	-114.11	-67.78	-47.03	-50.61	16.21	2.80	-6.00	-3.31
29	-13.63	-23.34	-121.06	-78.38	-42.75	-55.84	11.28	3.50	82.39	-5.82
30	-12.83	-27.62	-127.48	-84.16	-39.41	-59.41	6.87	4.10	86.31	-9.28
31	-8.19	-33.30	-134.00	-88.73	-24.00	-53.52	4.20	4.49	86.31	-13.50
32	-7.31	-37.52	-140.94	-88.81	-11.95	-57.40	3.21	1.90	82.87	-19.01
33	-6.57	-40.32	-146.81	-84.93	0.70	-70.34	7.06	-0.70	76.75	-24.41
34	-13.03	-35.14	-153.74	-84.71	11.17	-70.88	13.02	-4.11	69.57	-28.36
35	-10.92	-19.65	-159.30	-84.48	17.59	-58.38	13.42	-7.73	63.87	-30.84
36	-23.85	-15.76	-165.76	-82.74	18.73	-51.37	11.21	-10.12	55.66	-31.78
37	-25.13	-15.01	-171.01	-82.22	17.72	-5.46	7.95	-10.94	47.15	-31.28
38	-36.31	-15.33	-176.33	-77.29	14.56	14.08	4.57	-4.74	38.61	-29.51
39	-41.84	-17.80	-181.80	-65.64	10.08	16.60	-2.11	8.39	30.63	-28.56
40	-47.75	-19.23	-187.23	-50.05	4.88	18.09	-8.31	27.90	25.57	-28.00
41	-50.69	-18.88	-192.88	-34.86	0.70	22.92	-15.98	39.79	20.11	-28.59
42	-35.67	-9.94	-197.94	-27.09	-2.70	26.92	-19.61	47.08	15.69	-29.18
43	-8.18	5.87	-203.87	-27.48	-5.68	33.73	-25.99	51.97	10.11	-30.10
44	-8.43	15.09	-209.09	4.90	-3.43	33.15	-31.09	58.90	6.24	-30.54
45	-10.57	18.90	-214.90	4.49	31.85	31.61	-35.49	62.80	-0.60	-30.78
46	-17.65	20.26	-220.26	3.00	61.60	27.95	-37.52	62.29	4.72	-31.18
47	-21.75	21.97	-225.97	0.40	62.08	23.70	-38.16	58.78	-9.09	-33.85
48	-26.42	22.63	-231.63	0.00	60.69	19.52	-32.33	54.21	-14.34	-32.47
49	-31.41	22.89	-237.89	2.01	59.62	13.99	-16.04	46.95	-14.63	-33.50
50	-33.35	22.57	-244.57	10.68	57.00	11.63	-13.23	39.51	-6.19	-27.90

RECORDS=244  
DATE AND TIME=1968, 5.16, 9.49  
COMPONENT=N+S  
SIGNAL=GR,ACC.  
CORRECTION=ARC,ERR,  
FORMAT NO.=301  
STATION=MURORAN+S  
TOTAL NUMBER OF DATA= 9000

NO.	( 5000 )	( 5550 )	( 5000 )	( 5700 )	( 5750 )	( 5800 )	( 5850 )	( 5900 )	( 5950 )
1	54.06	-15.83	31.21	22.82	-9.82	19.13	-5.71	9.77	-1.70
2	77.83	-14.24	43.24	52.08	-10.57	-19.43	-6.60	8.38	-2.90
3	77.79	-6.20	46.39	43.20	-5.27	-18.27	-6.00	6.98	-4.00
4	74.33	5.48	44.67	51.81	15.47	-13.76	-6.50	5.19	-4.39
5	66.19	17.80	40.74	55.23	18.65	-8.02	-5.90	3.99	-2.99
6	57.70	26.27	35.76	56.30	-18.19	19.17	-4.24	1.10	0.90
7	48.45	28.70	26.80	55.10	-17.15	17.43	-4.59	-0.20	3.52
8	38.60	30.98	24.25	52.19	-17.43	15.02	-2.79	-1.20	12.24
9	35.83	35.83	18.13	47.77	-16.42	16.79	0.80	-1.20	16.61
10	21.05	40.55	14.81	46.17	-16.81	16.57	2.50	-1.20	20.28
11	15.59	43.69	10.06	38.27	-18.61	14.39	3.40	2.31	24.33
12	11.55	46.06	8.18	32.29	-20.45	11.80	2.99	10.87	25.24
13	6.25	45.83	6.89	28.23	-25.49	5.16	-2.81	13.63	25.35
14	-0.00	43.54	5.67	20.65	-11.74	-1.00	-7.23	14.38	24.83
15	-3.23	39.07	0.70	-28.96	-12.74	-1.00	-9.86	13.90	23.59
16	-9.71	33.24	-0.53	-29.16	-8.26	-11.94	-17.32	11.44	22.71
17	-8.83	29.02	-9.94	3.87	1.10	-13.10	-21.32	5.78	21.97
18	42.91	24.51	-13.47	-4.92	1.90	-10.36	-29.22	3.88	21.65
19	40.59	17.37	-19.47	43.68	-8.61	-8.87	-31.51	3.10	21.65
20	35.82	9.72	-22.86	48.90	-4.83	-6.65	-31.97	5.52	20.75
21	28.45	5.87	-25.42	51.00	-17.18	-1.80	-29.56	8.13	18.15
22	20.23	1.20	-22.11	50.30	-18.26	-1.90	-20.56	-10.22	15.78
23	14.94	5.22	-18.95	46.92	-17.69	-3.51	-14.57	-10.22	10.08
24	5.96	9.36	-0.30	42.31	-16.02	-5.61	-9.70	-10.31	4.78
25	1.40	-17.95	9.29	-4.70	-18.79	-7.02	-9.71	-6.42	-0.20
26	-5.33	-22.05	13.90	-4.77	-7.74	-8.80	-10.03	2.52	-6.65
27	-9.58	-29.19	13.77	-16.26	4.61	-8.79	-11.30	14.27	-9.59
28	-18.69	-33.71	12.84	-19.07	7.00	-7.88	-15.00	18.40	-14.17
29	-21.92	-39.36	8.46	-21.99	7.00	-6.17	-17.07	22.26	-13.62
30	-29.70	-43.48	5.58	-24.96	6.00	-2.30	-18.14	22.71	-8.62
31	-34.10	-47.59	2.80	-24.73	6.02	-0.40	-18.56	21.84	2.20
32	-39.94	-50.31	1.80	-19.08	8.70	0.40	-17.95	20.28	6.16
33	-44.77	-49.14	1.80	-15.43	-5.20	1.10	-17.17	18.83	13.93
34	-48.35	-41.90	4.21	-18.07	10.56	19.99	-16.76	16.66	14.62
35	-50.52	-30.97	6.30	-20.98	13.12	28.99	-17.60	14.39	14.97
36	-46.29	-22.45	6.79	-26.95	13.59	30.58	-18.83	11.96	14.97
37	-50.80	-18.06	5.47	-29.78	13.36	15.09	-20.44	10.81	12.28
38	-24.97	9.66	0.60	-32.08	12.40	28.92	-20.64	11.22	8.55
39	11.49	7.72	-4.92	-35.67	12.33	24.79	-16.64	11.80	5.49
40	10.89	-1.60	-7.92	-38.96	13.33	31.73	-16.64	11.80	5.49
41	6.67	7.09	-9.69	-39.27	14.01	34.79	-16.64	11.80	5.49
42	5.77	15.17	-8.10	-40.00	14.92	35.76	-16.64	11.80	5.49
43	4.42	16.62	-9.29	-40.83	16.83	34.51	-16.64	11.80	5.49
44	-8.88	16.69	2.10	-38.50	20.40	31.35	-16.64	11.80	5.49
45	-13.54	11.64	4.51	-38.08	18.26	28.38	-16.64	11.80	5.49
46	-14.61	6.28	9.41	-37.36	15.58	23.23	-16.64	11.80	5.49
47	-14.80	3.88	7.09	-32.67	7.56	16.90	-16.64	11.80	5.49
48	-14.82	-1.10	5.88	-17.28	4.27	9.24	-16.64	11.80	5.49
49	-15.22	-1.40	3.49	-3.51	-16.82	1.90	-16.64	11.80	5.49
50	-15.57	14.97	-0.97	-6.69	-17.98	-1.91	-16.64	11.80	5.49

NO.	( 6000 )	( 6050 )	( 6100 )	( 6150 )	( 6200 )	( 6250 )	( 6300 )	( 6350 )	( 6400 )	( 6450 )
1	-9.25	-9.33	4.69	15.39	14.75	24.41	-8.86	11.84	-15.64	-4.49
2	3.94	-5.87	2.70	19.17	13.82	24.46	-6.28	9.97	-14.37	-3.20
3	15.36	11.20	0.20	14.52	14.57	23.99	-3.50	8.37	-11.42	-2.70
4	18.54	0.70	-2.50	12.74	18.40	22.22	-3.10	6.48	-8.79	-0.70
5	21.54	-0.00	-4.60	11.10	23.62	19.65	-3.90	4.59	-8.51	0.20
6	20.62	11.40	-5.70	11.02	24.36	17.91	-4.71	2.50	-8.72	2.60
7	10.58	-5.22	-0.39	11.95	24.93	16.64	-6.00	0.40	-10.04	5.90
8	12.80	8.20	-0.39	13.77	23.94	15.56	-7.61	-3.39	-11.88	6.59
9	7.26	-14.85	-0.30	15.48	19.77	14.95	-6.74	-3.69	-10.70	5.59
10	3.78	-17.93	3.82	17.12	18.25	16.07	-8.71	-0.40	-4.44	4.70
11	-4.22	-16.16	11.74	18.88	16.24	17.66	-9.63	2.61	14.82	4.20
12	-8.57	12.66	10.93	18.57	15.24	19.27	10.98	10.04	21.27	5.04
13	-12.87	11.40	28.30	16.81	13.95	20.19	14.23	12.01	21.72	12.92
14	-17.55	7.87	13.54	13.65	12.86	21.14	17.27	12.28	19.83	13.60
15	-19.70	5.98	38.58	7.22	11.69	21.23	20.01	11.50	16.77	16.06
16	-19.62	3.89	39.34	6.09	7.97	21.67	22.57	7.86	14.34	15.18
17	-16.24	1.70	36.71	0.10	5.98	22.37	25.22	4.98	11.25	12.70
18	-12.22	-4.01	31.02	-9.82	3.22	23.11	28.00	1.70	12.99	9.90
19	-9.65	-6.11	27.33	-9.14	-2.00	23.10	27.68	-1.90	15.85	5.28
20	-7.15	-7.73	19.43	-11.20	-6.52	21.99	23.08	-5.81	23.87	2.49
21	-2.69	-10.22	11.80	-14.73	-9.28	19.09	18.95	-7.61	26.03	-1.70
22	1.00	-10.88	7.09	-13.44	-13.78	16.36	-8.88	-7.88	27.48	-4.71
23	2.80	-10.00	5.68	-16.17	-15.77	12.29	-6.05	-6.05	27.90	-7.31
24	4.50	-9.90	3.00	-17.66	-17.03	5.88	-0.00	0.80	28.00	-8.12
25	5.80	1.51	2.00	-18.37	-15.64	2.69	-0.10	4.71	28.66	-9.53
26	5.39	13.47	0.70	-20.62	-10.82	4.61	-0.70	7.60	29.33	-10.99
27	4.29	18.15	-2.20	-22.16	-7.67	7.13	-1.20	7.89	30.04	-14.72
28	2.39	24.24	-0.32	-23.72	-5.40	-10.05	-1.50	6.79	29.16	-19.43
29	-2.50	25.28	-8.24	-29.15	-6.21	-16.71	0.10	5.89	27.93	-21.05
30	-5.42	25.72	-17.86	-30.52	-7.73	-18.60	1.90	4.50	24.37	-22.87
31	-8.27	24.36	-20.27	-31.51	-9.88	-19.86	2.30	3.40	19.17	-26.38
32	-13.45	18.45	-23.86	-31.46	-13.72	-18.81	1.60	2.70	16.31	-29.78
33	-17.24	16.20	-27.85	-29.06	-16.58	-11.56	-0.40	2.20	12.97	-29.20
34	-19.40	9.44	-32.36	-27.67	-17.96	-6.62	-6.84	1.90	6.76	-24.74
35	-20.65	6.36	-33.06	-23.07	-18.89	2.20	-10.92	1.90	2.99	-20.97
36	-21.20	1.70	-33.67	-20.11	-20.11	5.01	-19.53	1.90	-2.71	-13.92
37	-21.17	1.59	-33.97	-20.07	7.40	7.39	-24.10	1.90	-6.22	-12.04
38	-20.87	-6.46	-34.22	-19.78	-22.53	6.89	-30.03	2.40	-8.59	-10.86
39	-20.55	-2.20	-34.38	-19.49	-23.74	6.89	-31.55	4.82	-14.14	-8.18
40	-20.07	2.51	-34.45	-16.74	-24.95	6.19	-31.93	8.34	-19.73	-6.66
41	-19.58	11.68	-32.44	-25.07	-25.07	4.39	-22.69	10.70	-24.11	1.00
42	-17.95	14.43	-29.33	24.63	-22.14	2.60	-16.84	10.69	-29.72	4.23
43	-10.17	17.23	-20.71	26.88	-9.84	10.35	-26.88	10.35	-33.03	12.71
44	-10.17	17.67	-9.10	27.32	2.11	4.61	28.47	7.96	-36.04	15.83
45	-8.67	17.19	-9.1	28.66	13.02	7.54	28.54	4.69	-39.46	18.21
46	-6.90	15.43	9.43	24.69	16.28	-9.14	26.08	1.70	-40.62	19.75
47	-6.51	12.20	11.85	20.36	17.36	-11.14	18.88	-3.41	-35.02	21.51
48	-7.11	9.27	17.82	21.52	17.82	-12.76	17.30	-7.54	-22.37	22.53
49	-6.121	7.39	14.04	16.64	22.74	-13.67	15.70	-10.78	-10.70	22.79
50	-8.81	6.04	11.73	15.70	23.61	-11.23	13.77	-13.60	-7.60	22.80

RECORD=S-234  
DATE AND TIME=1968. 5.16. 9.49  
COMPONENT=N-S  
SIGNAL=GR.ACC.  
CURRENCTION=ARG.ERR.  
TOTAL NUMBER OF DATA= 9000  
SAMPLING INTERVAL= 0.010(SEC)  
FORMAT NO.=301

STATION=MURORAN-S  
TOTAL NUMBER OF DATA= 9000

RECORD=5-234 COMPONENT=N-S SIGNAL=GR.ACC. CURSECTION=ARC.ERR. STATION=MURORAN-S  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 9000

NO.	( 6900 )	( 6850 )	( 6800 )	( 6750 )	( 6700 )	( 6650 )	( 6600 )	( 6550 )	( 6500 )	( 6450 )	( 6400 )	( 6350 )	( 6300 )	( 6250 )	( 6200 )	( 6150 )	( 6100 )	( 6050 )	( 6000 )	( 5950 )
1	24.79	14.92	11.13	1.90	-8.41	-4.40	7.24	16.54	5.69	1.60										
2	24.75	7.46	12.44	1.20	-9.30	-3.40	10.80	15.53	3.79	1.90										
3	25.06	4.19	13.66	0.70	-9.29	-2.70	14.65	14.27	-0.00	3.51										
4	25.62	1.70	15.19	0.60	-8.59	-2.70	16.29	13.61	-4.31	8.54										
5	24.62	-1.60	14.98	0.50	-1.80	-1.90	26.25	13.87	-7.64	11.27										
6	25.54	14.51	14.51	1.00	3.32	-3.20	28.61	15.45	-10.75	13.64										
7	26.43	-0.50	12.54	1.60	11.49	-3.80	30.02	16.58	-16.81	14.53										
8	26.66	5.86	10.82	1.60	14.53	4.81	29.50	16.03	-18.63	15.21										
9	26.91	14.31	7.89	6.80	15.24	6.31	28.18	14.46	-20.38	15.44										
10	26.12	16.75	7.00	10.10	16.10	-7.61	25.19	7.15	-21.15	14.19										
11	29.95	17.48	6.81	6.03	16.04	-8.61	19.11	2.59	-20.65	9.46										
12	19.77	17.09	8.24	10.05	14.88	-9.40	15.57	-4.52	-19.94	7.88										
13	17.18	15.32	11.03	12.27	13.40	-9.39	12.99	-9.60	-18.10	5.79										
14	15.27	16.09	12.58	14.40	9.55	-8.58	9.96	-14.78	-16.57	4.40										
15	12.65	11.07	14.06	18.16	6.68	-1.60	8.09	-20.62	-14.47	3.50										
16	7.77	9.80	15.96	21.89	4.60	1.00	7.18	-21.87	-13.78	2.90										
17	5.80	9.59	17.03	24.48	3.59	2.40	4.99	-21.43	-13.35	2.50										
18	5.60	9.18	17.45	25.20	1.60	4.01	2.30	-11.50	-12.17	1.70										
19	5.80	7.99	18.59	26.43	-1.20	6.31	-0.30	-1.50	-11.06	-0.50										
20	5.29	6.89	14.57	23.86	-0.40	7.20	-8.47	2.60	-9.46	-2.80										
21	4.29	5.49	7.93	24.41	-4.60	7.61	-13.18	4.10	-7.47	-5.11										
22	2.29	3.89	5.67	20.28	-5.30	8.56	-20.50	4.71	-5.08	-6.60										
23	-2.71	1.40	3.49	18.85	-5.38	12.27	-23.63	6.20	-0.90	-6.79										
24	-6.82	-1.20	-0.00	16.78	-2.69	14.70	-32.72	6.01	0.40	-6.09										
25	-8.76	-3.70	-5.52	16.18	0.80	18.95	-36.31	7.94	1.00	-4.59										
26	-12.51	-7.40	-8.55	7.40	1.30	21.05	-37.81	10.84	1.30	-6.00										
27	-12.84	-6.59	-11.74	3.79	2.20	20.44	-37.59	12.52	2.40	-1.40										
28	-11.03	-5.67	-16.47	0.40	2.70	18.59	-34.89	13.05	2.50	-1.00										
29	-8.37	-2.00	-17.60	-5.82	3.40	15.68	-29.44	14.32	2.50	-0.90										
30	-6.70	0.00	-17.54	-8.84	3.40	11.51	-22.76	14.69	2.30	-1.50										
31	-7.12	1.40	-16.34	-10.99	2.50	5.09	-19.67	14.31	2.30	-1.70										
32	-9.50	3.90	-10.43	-14.71	2.10	3.19	-18.26	12.34	3.11	-1.60										
33	-14.65	4.80	-7.59	-19.19	2.20	-1.90	-16.15	10.54	5.62	-1.70										
34	-17.91	4.10	-4.20	-20.42	2.90	-5.81	-11.78	7.89	8.64	-0.80										
35	-20.89	3.10	4.63	-21.83	4.70	-7.75	-7.66	6.79	11.21	0.00										
36	-22.71	1.30	13.73	-23.06	4.00	-9.75	2.41	5.39	11.49	0.80										
37	-22.69	-0.90	11.99	-23.59	2.90	-12.26	13.17	4.10	10.99	2.50										
38	-20.46	4.00	11.76	-22.55	1.20	-14.24	17.90	3.00	10.48	2.90										
39	-7.60	-5.11	13.58	-20.14	-1.70	-15.24	22.10	1.90	9.79	3.30										
40	1.10	-6.10	7.56	-17.98	-4.51	-17.94	22.94	1.10	9.08	1.50										
41	4.31	-6.40	4.49	-10.92	-5.81	-17.77	22.46	0.40	8.00	-1.50										
42	5.69	-6.20	3.89	-7.80	-7.11	-18.79	21.02	-0.80	8.01	-6.41										
43	4.73	-5.90	3.60	-0.50	-7.59	-19.94	21.24	-0.80	8.40	-7.02										
44	4.20	-5.69	3.00	2.40	-6.80	-20.33	20.65	-0.80	8.50	-8.71										
45	4.84	-4.59	4.50	2.20	-6.80	-19.03	20.23	-0.10	8.29	-9.31										
46	12.37	-1.30	4.50	1.20	-6.30	-12.67	20.55	1.20	7.78	-9.66										
47	14.45	-0.10	4.60	-1.90	-5.60	-8.49	20.07	3.20	6.58	-7.52										
48	17.79	4.80	4.80	-3.51	-5.60	-1.50	19.77	4.21	4.50	-0.90										
49	18.86	3.01	4.30	-6.41	-5.20	2.30	19.34	5.91	3.60	-0.70										
50	17.03	7.11	3.10	-7.41	-4.60	4.77	17.90	5.80	2.45	-0.20										

NO.	RECORD=3-264		COMPONENT=N-S		SIGNAL=GR.ACC.		CORRECTION=ARC.ERR.		STATION=MURORAN-S	
	DATE AND TIME=1958. 5.16. 9.49		SAMPLING INTERVAL= 0.010(SEC)		CORRECTION=ARC.ERR.		FORMAT NO.=301		TOTAL NUMBER OF DATA= 9000	
	( 7000)	( 7050)	( 7100)	( 7200)	( 7250)	( 7300)	( 7350)	( 7400)	( 7450)	
1	0.90	-0.10	4.50	12.84	-13.26	10.99	-5.50	12.50	1.70	4.69
2	-0.10	2.40	3.50	8.56	-8.40	10.56	-4.59	12.35	4.02	3.30
3	-1.60	4.51	2.70	5.78	-1.80	9.03	-3.70	10.94	9.54	1.80
4	0.60	6.51	3.59	3.59	2.01	8.08	-3.00	7.18	11.72	-0.00
5	0.03	7.20	4.80	0.70	12.09	6.78	-3.10	12.42	12.42	-0.20
6	4.60	7.00	4.49	-1.50	13.12	5.09	-1.70	13.00	13.00	-1.60
7	4.71	7.00	4.80	-2.90	13.57	3.80	-1.20	13.89	-3.50	-5.50
8	7.90	7.01	1.00	-2.50	20.23	2.20	-0.80	12.57	12.57	-5.11
9	7.90	7.90	-0.00	-1.40	20.65	0.00	-0.70	3.40	11.77	-7.02
10	7.89	11.21	-1.80	-0.70	21.02	-0.50	-0.40	3.20	10.85	-9.24
11	7.90	11.58	-2.30	-0.90	20.13	-0.90	-0.00	2.60	9.08	-11.56
12	7.41	14.31	-2.30	-3.01	19.53	-1.70	-0.40	1.80	7.89	-12.36
13	8.54	16.88	-2.40	-5.62	18.48	-1.60	-1.00	6.99	-11.16	-5.84
14	10.90	18.15	-2.40	-8.05	18.20	-1.90	-1.70	6.09	-5.84	-2.00
15	14.75	18.71	-2.50	-10.20	18.24	-3.00	-2.50	4.89	3.00	6.45
16	16.29	17.42	-2.40	-12.92	18.74	-4.20	-3.80	3.00	6.45	9.42
17	20.57	14.55	-2.10	-13.48	19.50	-4.71	-3.50	2.50	1.30	10.24
18	23.85	9.54	-2.30	-13.05	19.27	-6.00	-3.60	5.32	-0.00	11.95
19	23.43	6.18	-2.60	-11.65	18.76	-6.09	-3.90	8.11	-1.00	13.45
20	22.72	3.59	-2.10	-9.85	16.93	-5.18	-4.60	9.01	-0.70	14.86
21	21.17	1.20	-1.81	-6.37	14.13	-1.20	-5.00	9.37	-0.70	13.79
22	19.82	-0.90	-1.11	-3.00	8.48	0.70	-4.39	7.68	0.50	16.20
23	18.81	-3.30	-0.92	0.97	3.41	3.52	-1.80	6.09	1.60	17.90
24	17.63	-4.80	-0.62	1.20	4.49	8.22	-1.00	4.29	4.21	19.10
25	15.54	-5.50	-13.14	2.80	1.60	9.60	0.60	0.70	6.51	17.65
26	12.55	-5.91	-12.01	3.61	0.00	9.80	-1.00	-1.00	7.10	13.79
27	14.67	-6.71	-12.39	7.61	-0.50	9.89	3.20	7.09	7.09	6.48
28	14.05	-7.70	-11.88	7.80	-1.50	9.38	5.60	6.59	4.38	0.20
29	12.89	-8.00	-7.89	7.49	-2.20	8.09	-7.50	5.90	5.90	-5.11
30	7.87	-7.88	0.20	6.78	-2.70	7.29	5.40	7.60	6.31	-6.81
31	6.36	-6.68	3.96	3.19	-4.41	6.99	5.00	-7.26	7.63	9.74
32	5.48	-4.78	12.55	3.60	-5.91	5.79	5.20	-3.59	9.74	-7.39
33	2.59	0.00	14.02	1.90	-0.50	5.00	4.40	-1.10	11.63	-6.28
34	-4.62	1.50	13.75	0.30	-7.91	4.19	4.00	-0.70	12.71	-8.70
35	-9.04	2.40	15.62	-0.70	-8.99	2.70	2.90	1.20	12.91	-2.80
36	-11.24	3.00	17.10	-2.20	-7.81	0.80	0.90	4.10	13.51	-2.80
37	-16.56	2.10	16.76	-3.91	-0.60	0.00	0.00	5.40	13.58	-3.20
38	-19.11	1.20	23.64	-7.91	1.81	-0.80	-1.60	5.89	13.19	-4.21
39	-19.13	0.30	23.23	-7.93	1.46	-1.60	-1.60	4.99	13.00	-7.33
40	-18.10	0.30	23.09	-10.07	12.63	-1.60	-1.90	2.90	13.08	-10.35
41	-15.35	0.40	23.79	-13.14	13.38	0.10	-1.90	1.20	12.58	-12.48
42	-12.49	0.40	26.57	-14.84	12.93	1.30	-1.90	3.60	12.08	-14.86
43	-12.08	0.	26.65	-15.10	10.92	3.71	-1.90	-5.11	11.37	-15.98
44	-11.39	0.	23.54	-14.99	7.89	7.22	-1.40	-6.81	10.37	-15.53
45	-11.10	0.00	23.85	-14.66	6.89	8.89	-0.70	-8.32	8.98	-14.15
46	-11.12	0.40	23.68	-13.87	6.10	8.17	1.60	-9.41	7.89	-14.95
47	-11.85	1.00	20.48	-13.09	6.21	5.88	3.00	-9.98	7.40	-11.60
48	-10.16	1.70	19.18	-12.67	7.43	3.69	5.03	-9.07	6.99	-8.17
49	-8.46	2.50	17.69	-11.77	9.63	-0.20	11.31	-7.15	6.29	-6.05
50	-4.27	3.50	15.28	-11.03	10.32	-0.01	11.81	-2.72	5.49	-1.48

RECORD=3-244  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR\*AGC.  
 SAMPLING INTERVAL= 0.010 (SEC)  
 CORRECTION=ARC.ERR.  
 FORMAT NO.=301  
 STATION=MURORAN-S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 7000)	( 7500)	( 7900)	( /650)	( /700)	( /750)	( 7800)	( 7850)	( 7900)	( 7950)
1	5.11	1.00	19.52	13.03	4.92	1.00	*21.34	9.68	11.51	14.02
2	3.75	2.60	13.56	13.91	9.73	-0.60	21.76	8.69	11.70	14.52
3	12.83	3.41	17.53	14.09	11.23	-22.36	7.99	7.99	11.70	14.97
4	10.62	9.25	15.51	13.84	12.22	-2.70	*22.91	6.89	11.69	14.37
5	14.00	11.70	12.43	12.81	12.81	-3.00	*23.03	6.89	11.85	13.77
6	13.98	13.82	13.81	10.29	13.00	-3.50	*23.22	5.30	9.57	13.06
7	15.28	12.69	11.50	9.69	12.99	-3.10	*22.27	4.90	7.89	11.98
8	7.55	7.97	12.00	9.09	12.75	-2.70	*18.77	4.90	6.89	11.37
9	3.49	7.59	11.99	8.29	11.58	-2.40	-9.71	4.60	5.99	10.27
10	0.40	11.58	7.89	7.89	10.56	-2.40	-0.60	3.20	4.60	9.06
11	-2.61	10.81	1.50	6.79	8.98	-2.70	3.01	2.20	4.20	6.59
12	-7.50	11.41	-5.10	6.00	7.59	-3.70	8.94	0.80	4.20	5.89
13	-7.89	11.90	-5.42	5.89	7.09	-3.90	11.07	-1.10	4.20	4.90
14	-7.01	11.79	-7.93	4.40	5.69	-4.50	10.81	-1.90	4.20	4.00
15	11.00	11.28	-9.92	3.80	4.20	-4.49	14.17	-3.51	3.90	3.80
16	4.73	10.57	-10.90	3.00	2.90	-1.50	15.68	-5.61	3.40	4.10
17	11.99	9.17	-10.78	2.00	1.00	0.20	15.41	-6.41	2.60	4.20
18	14.89	7.57	-9.78	0.90	-1.50	2.70	15.60	-7.31	1.50	4.90
19	16.80	4.89	-9.68	0.10	-3.50	4.71	15.52	-8.20	1.50	5.40
20	20.10	2.60	-7.18	-0.30	-5.01	6.52	13.95	-8.09	2.00	5.50
21	22.37	-0.00	-2.60	-0.50	-7.02	8.51	10.43	-7.48	3.00	5.50
22	23.90	-2.10	-2.20	-0.50	-8.54	9.54	7.68	-5.79	3.90	5.90
23	24.61	-3.50	-3.41	-0.50	-11.69	11.42	5.99	-5.10	3.90	6.20
24	24.64	-3.79	-5.71	-0.50	-14.58	12.13	4.49	-5.11	3.40	6.60
25	24.10	0.00	-7.30	-0.70	-16.32	13.05	2.40	-6.01	1.70	6.90
26	25.10	1.40	-7.69	-1.10	-16.68	14.53	1.20	-6.91	-0.70	6.59
27	20.49	3.40	-6.66	-1.60	-16.25	15.22	0.80	-7.51	-1.90	5.19
28	17.27	3.80	-5.00	-2.40	-15.65	15.56	1.20	-8.70	-2.30	3.89
29	15.07	3.80	-1.40	-2.70	-14.56	14.78	2.80	-8.79	-2.60	3.60
30	10.53	3.80	-0.50	-2.70	-13.54	12.20	4.01	-8.18	-1.70	0.60
31	7.55	3.80	0.20	-2.70	-12.06	9.08	6.11	-6.67	-0.30	0.30
32	5.30	3.80	0.40	-2.10	-10.72	8.09	7.60	-4.00	0.00	0.30
33	1.60	4.41	0.90	-1.50	-8.69	7.20	7.60	-3.30	0.60	0.10
34	-4.31	5.93	1.80	-0.90	-6.80	6.80	7.50	-2.80	1.00	0.10
35	-6.41	10.40	2.40	-0.50	4.23	7.11	7.19	-1.70	0.70	3.71
36	-7.71	10.40	3.70	-0.50	11.64	8.02	6.30	-1.90	0.40	5.62
37	-8.42	10.40	4.61	-1.20	13.13	9.40	6.10	-0.70	0.20	8.12
38	-9.62	10.65	5.81	-2.60	14.03	9.40	6.11	1.30	0.20	9.21
39	-10.52	7.98	6.49	-3.80	14.84	9.67	7.02	1.60	0.0	9.93
40	-11.42	6.30	7.90	-4.10	15.63	7.97	8.59	4.62	0.0	11.11
41	-12.02	6.11	7.25	-4.10	16.23	5.59	8.19	9.74	0.40	11.51
42	-12.49	7.25	7.25	-4.10	16.81	3.89	7.69	11.93	0.40	11.91
43	-12.18	11.46	7.20	-6.60	17.01	1.60	6.79	12.89	1.40	12.31
44	-11.67	13.64	4.90	-2.80	17.11	-2.80	6.20	12.43	2.30	12.61
45	-10.65	15.67	5.60	-2.30	15.64	-5.83	5.60	11.75	3.81	13.01
46	-9.61	22.61	6.01	-1.80	12.70	-9.45	6.11	10.20	5.51	13.48
47	-4.80	23.48	6.82	-1.00	9.95	-12.23	7.31	9.99	7.43	15.46
48	-1.40	23.21	8.42	-0.90	7.47	-16.43	8.32	9.70	10.04	16.56
49	0.00	22.31	9.95	0.30	5.19	-18.70	9.71	9.71	11.94	17.61
50	0.50	20.91	11.49	2.30	3.09	-20.07	9.70	10.62	12.99	18.79

RECORD=5-234  
 DATE AND TIME=1968, 5.16, 9.49  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CURVECTION=ARC.ERR.  
 FORMAT NO.=301

STATION=MURORAN-S

TOTAL NUMBER OF DATA= 9000

NO.	( 8000)	( 8050)	( 8100)	( 8150)	( 8200)	( 8250)	( 8300)	( 8350)	( 8400)	( 8450)
1	19.90	9.11	11.08	-1.90	-0.20	5.01	8.37	7.11	8.51	8.30
2	19.90	-9.61	10.46	-0.40	-6.91	7.54	6.59	8.21	8.91	8.19
3	19.94	-10.19	8.75	-1.20	-3.21	10.74	5.30	8.70	9.51	7.59
4	20.36	9.57	5.69	-0.80	-7.73	12.43	4.80	8.70	9.81	6.99
5	19.88	-7.86	4.19	-0.20	-9.72	13.21	4.30	8.70	10.22	5.89
6	19.29	-4.69	1.10	0.50	-10.63	13.59	3.80	8.70	10.91	4.60
7	17.86	-3.59	-1.80	1.40	-11.69	13.18	2.90	9.01	11.21	3.60
8	15.90	-1.00	-2.00	2.90	-11.95	12.68	1.90	9.31	11.51	2.40
9	13.95	-0.40	-2.60	5.70	-9.83	11.95	-1.10	9.92	11.91	1.00
10	10.57	0.60	-2.00	4.40	-6.05	10.38	-3.30	10.80	11.32	-0.00
11	8.96	0.60	-0.60	5.60	-0.90	9.59	-4.10	11.01	13.01	-0.60
12	6.59	0.60	-0.30	5.21	2.40	9.50	-4.70	11.20	13.32	-0.60
13	5.19	0.60	-1.10	6.20	5.81	9.20	-4.30	11.09	13.96	-0.60
14	5.90	2.20	-0.10	6.40	7.80	9.20	-4.00	10.80	15.42	-0.60
15	2.60	2.40	0.00	6.91	7.80	9.19	-3.00	10.61	15.75	-0.40
16	1.00	3.00	1.20	8.02	7.60	8.79	-2.50	11.22	16.23	0.40
17	3.30	1.80	1.80	9.85	7.20	7.99	-1.80	12.05	16.84	2.00
18	-1.80	3.70	4.01	11.15	6.90	7.29	-1.30	13.52	17.49	2.60
19	-5.00	5.70	6.52	12.11	6.91	6.19	0.00	14.03	17.25	3.90
20	-4.50	4.00	8.64	12.69	7.51	4.50	1.30	14.60	16.44	5.10
21	-3.20	3.50	11.21	12.18	8.70	3.70	3.10	14.65	15.33	4.80
22	-5.20	5.10	11.41	11.68	8.91	3.00	4.41	13.39	13.86	4.60
23	-5.20	2.50	11.57	11.10	9.58	2.00	6.00	10.65	10.45	4.20
24	-4.69	2.20	10.58	11.12	8.60	1.80	5.59	7.87	8.48	3.90
25	-5.19	1.40	9.88	12.05	8.28	0.80	4.80	5.59	7.28	3.50
26	-0.40	1.80	9.79	13.14	7.00	0.50	4.49	4.59	5.89	3.10
27	0.40	2.60	7.90	14.25	6.59	0.10	3.20	3.40	4.60	3.10
28	2.70	5.01	7.79	15.42	5.10	0.00	1.60	2.60	3.50	4.01
29	5.91	6.21	7.60	15.81	4.50	0.50	0.30	2.30	2.30	6.42
30	6.21	7.90	7.61	15.93	3.90	1.70	-1.10	2.30	1.20	8.31
31	7.70	7.89	8.52	15.57	3.70	3.21	-1.80	2.30	0.40	9.23
32	7.90	7.38	9.62	14.97	3.20	6.11	-3.10	2.30	0.20	10.70
33	7.59	5.89	10.61	14.38	2.90	7.72	-3.90	2.30	0.0	10.50
34	6.98	4.99	11.12	13.97	2.30	9.33	-4.10	2.50	0.0	10.50
35	5.49	3.30	11.69	13.16	1.80	10.85	-3.10	2.70	0.00	10.28
36	4.50	2.20	11.49	12.17	1.00	11.94	-1.30	3.60	0.40	9.58
37	5.30	0.60	10.98	11.19	0.20	13.23	0.20	4.00	0.50	8.46
38	2.30	0.10	10.36	10.68	-1.10	14.04	2.30	4.60	0.30	6.20
39	1.80	-0.30	8.77	9.88	-1.80	14.92	3.91	4.30	0.20	5.59
40	0.90	-0.50	6.78	8.79	-3.40	15.29	5.60	3.90	0.10	4.80
41	0.40	-0.30	4.79	8.09	-4.40	14.98	6.00	3.20	0.30	3.80
42	0.40	-0.30	3.20	7.49	-5.40	14.56	5.80	2.60	0.90	2.60
43	0.20	-0.30	1.00	6.99	-5.00	13.78	5.50	2.70	1.50	1.00
44	-0.00	1.10	-1.70	5.89	-5.69	13.29	4.99	2.00	2.00	0.20
45	-0.20	2.00	-3.20	5.20	-4.10	13.00	3.90	3.70	3.00	-0.20
46	-2.50	2.00	-4.40	4.50	-3.10	13.01	3.40	4.20	4.51	-0.60
47	-2.70	4.01	-4.40	3.80	-1.60	13.28	3.40	4.20	7.50	-0.20
48	-4.51	7.03	-4.40	3.10	0.00	12.75	3.60	5.81	7.61	0.50
49	-6.31	9.93	-6.20	2.20	1.30	11.25	4.51	6.61	8.20	2.00
50	-7.72	10.51	-2.55	1.00	0.16	9.82	5.81	7.56	8.25	2.50

NO.	RECORD=5-234 DATE AND TIME=1968. 5.16. 9.49										STATION=HURORAN=S TOTAL NUMBER OF DATA= 9000									
	( 8500)	( 8550)	( 8600)	( 8650)	( 8700)	( 8750)	( 8800)	( 8850)	( 8900)	( 8950)	( 8500)	( 8550)	( 8600)	( 8650)	( 8700)	( 8750)	( 8800)	( 8850)	( 8900)	( 8950)
1	0.00	4.50	6.40	7.80	6.90	7.98	6.89	-2.10	9.04	16.22										
2	2.50	4.50	6.39	-2.10	6.90	6.79	2.10	-3.70	11.11	16.64										
3	2.30	4.80	2.59	-2.40	6.79	5.99	0.70	-5.00	11.50	17.21										
4	2.10	5.30	4.40	-3.50	6.10	4.79	-0.10	-5.10	11.48	17.26										
5	2.10	5.70	3.80	-3.20	5.80	3.10	-0.30	-4.69	10.89	16.66										
6	2.60	6.00	3.10	-3.20	5.20	1.70	0.20	-2.80	10.38	16.09										
7	4.20	6.51	6.00	-3.00	4.60	-0.50	0.40	-1.10	9.38	14.83										
8	5.51	7.71	3.00	-2.40	4.60	-3.10	0.30	0.90	8.58	13.36										
9	7.53	8.41	3.50	-1.90	4.60	-3.40	0.50	3.71	7.30	9.76										
10	9.73	9.12	3.90	0.30	4.90	-3.40	0.60	7.24	7.31	7.57										
11	11.41	10.12	4.20	1.70	4.70	-3.40	0.70	10.74	8.20	5.49										
12	11.92	11.11	4.80	4.21	3.90	-3.40	1.00	12.23	8.41	3.99										
13	12.63	11.49	5.10	5.83	3.09	-3.40	1.30	13.12	9.01	2.20										
14	13.44	11.07	5.81	9.56	-0.00	0.20	1.80	13.69	9.61	1.20										
15	14.46	11.06	6.50	10.80	-1.40	1.40	2.40	13.48	9.90	-1.10										
16	15.77	8.07	7.01	10.80	-3.10	2.50	3.40	12.91	9.90	-5.00										
17	17.13	6.19	7.51	10.89	-5.31	3.60	3.90	10.46	9.69	-5.30										
18	17.42	5.50	8.00	10.57	-6.52	3.60	5.00	8.99	9.39	-6.10										
19	16.12	5.20	8.00	8.88	-8.12	3.20	5.61	8.59	8.88	-6.10										
20	14.54	5.81	7.80	7.89	-8.81	2.40	6.51	7.90	7.89	-6.49										
21	8.95	6.72	7.80	6.79	-9.30	1.70	7.12	7.80	7.29	-5.88										
22	3.89	8.91	7.80	6.00	-9.50	0.80	9.03	7.70	6.38	-3.49										
23	4.09	9.31	7.30	6.00	-9.59	0.20	10.80	7.89	4.29	0.10										
24	-0.00	10.11	6.99	5.60	-9.19	-0.30	10.80	7.40	3.00	1.90										
25	-2.60	10.40	6.49	5.40	-8.50	-0.70	10.99	7.00	0.90	4.11										
26	-4.50	10.60	5.80	5.70	-8.39	-1.40	10.59	6.59	-1.90	7.80										
27	-2.30	10.39	5.19	6.10	-7.91	-1.90	9.98	5.09	-4.31	7.89										
28	-0.30	9.78	4.30	6.10	-8.49	-2.80	8.88	4.10	-5.91	7.50										
29	-2.30	8.79	3.60	6.00	-8.08	-3.80	7.80	3.10	-7.41	6.80										
30	-5.30	7.88	2.20	5.50	-6.98	-3.99	7.90	1.90	-8.10	6.50										
31	-5.30	6.99	1.90	4.79	-5.48	-1.40	8.00	0.60	-8.35	6.30										
32	-2.30	5.19	1.40	3.00	-2.80	0.20	8.50	0.40	-0.70	6.00										
33	-2.30	3.80	1.80	0.90	0.00	1.50	8.50	0.40	0.60	5.40										
34	-4.60	2.50	2.10	-1.50	2.00	2.70	8.61	0.40	4.80	4.80										
35	-4.29	0.80	3.00	-2.20	3.91	3.20	9.09	0.20	4.53	4.20										
36	-2.70	0.	3.81	-4.50	6.34	5.21	9.21	0.20	10.87	4.70										
37	-1.20	0.	5.51	-5.51	11.15	6.30	10.03	-0.90	13.57	4.20										
38	-0.30	0.60	7.82	-6.60	13.13	6.69	11.61	15.50	15.50	3.90										
39	0.50	0.70	9.61	-6.70	13.43	6.10	11.83	-3.70	17.54	4.61										
40	1.20	0.70	10.01	-6.40	18.08	6.00	12.80	-5.51	19.67	5.80										
41	1.60	2.50	10.49	-2.89	21.83	5.80	12.89	-6.61	20.46	6.31										
42	1.60	3.40	10.20	-4.19	22.13	5.40	12.58	-7.19	21.13	6.99										
43	1.40	3.80	9.99	-1.00	22.29	5.20	12.04	-5.49	21.35	6.99										
44	1.10	4.30	9.58	0.20	21.28	5.60	10.15	-5.10	20.86	6.59										
45	0.60	4.60	8.58	1.90	20.03	6.00	7.67	-4.20	20.43	4.59										
46	0.80	4.50	7.40	3.40	18.10	6.30	5.49	-3.00	19.51	2.80										
47	1.10	4.40	6.99	5.11	16.59	6.80	4.40	-1.10	17.35	1.50										
48	2.10	5.00	6.59	6.61	14.82	6.40	3.20	0.90	16.57	-0.10										
49	3.50	5.60	4.19	7.10	10.86	5.99	1.90	2.30	16.08	-1.50										
50	4.00	6.00	1.70	7.00	9.42	4.94	-0.10	5.68	16.15	-1.40										

RECORD=5-204 COMPONENT=E-W SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=MURORAN-S  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 9000

NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	0.07	4.50	-1.60	0.80	-0.70	5.50	1.70	0.60	-2.70	0.90
2	1.60	5.39	-2.00	-0.70	-0.80	6.11	1.00	0.80	-1.10	0.50
3	2.50	4.29	-2.00	1.50	-1.40	7.20	0.50	0.00	0.00	0.
4	4.70	2.90	-2.90	1.80	-1.40	7.19	-0.00	1.50	1.20	0.00
5	6.70	2.00	-3.10	1.60	-1.40	6.89	-1.20	1.50	0.11	0.50
6	9.00	1.70	-3.10	1.70	-1.20	5.40	-1.90	1.80	8.11	0.70
7	9.00	1.60	-2.80	1.40	-0.70	4.80	-2.20	1.90	9.01	1.20
8	2.40	1.60	-2.40	1.20	0.	3.79	-2.20	1.90	9.30	2.00
9	1.90	1.60	-2.00	1.20	0.	2.10	-2.70	1.10	9.39	2.40
10	1.90	1.50	-1.70	1.20	0.00	1.50	-1.90	0.40	8.99	2.60
11	1.40	1.50	-1.00	1.20	-0.20	-0.60	-1.80	0.40	8.68	2.20
12	1.00	1.30	-0.60	1.20	0.50	-0.10	-0.80	-4.00	7.18	1.50
13	0.70	1.30	-0.60	0.90	0.50	-0.10	-0.80	-4.00	5.68	1.10
14	0.10	1.50	0.00	1.10	0.60	0.	-0.80	-5.00	2.80	0.70
15	-0.20	1.80	0.40	0.90	1.00	0.00	-0.40	-5.00	2.00	0.50
16	-0.60	1.80	0.00	0.60	1.50	0.50	-1.10	-5.00	2.00	-0.40
17	-0.50	2.00	1.20	0.60	1.80	1.50	-1.30	-4.70	0.40	-0.80
18	-0.60	1.50	1.20	0.60	2.20	1.70	-1.50	-4.00	0.40	-1.60
19	-0.70	0.20	0.60	-0.20	2.60	0.80	-1.50	-3.40	-1.10	-2.20
20	-0.70	-0.50	0.60	-0.00	1.50	0.40	-1.50	-2.50	-1.10	-3.00
21	-0.60	-1.10	0.60	-0.50	0.80	0.40	-1.50	-1.70	-1.50	-3.80
22	-0.50	-0.70	0.50	-0.50	0.20	0.60	-1.60	-0.50	-1.50	-3.90
23	0.00	0.00	0.40	-0.50	-0.00	1.50	-1.60	0.50	-1.70	-3.90
24	1.00	0.60	0.	-0.50	-0.70	1.80	-1.90	1.50	-2.20	-3.90
25	4.50	1.40	0.00	-0.20	-1.60	2.20	-1.60	1.80	-2.70	-3.90
26	6.20	1.80	0.50	0.00	-1.40	2.50	-1.60	1.10	-3.10	-5.90
27	2.90	1.40	-0.00	0.10	-1.40	1.50	-0.70	0.70	-3.40	-3.90
28	2.40	1.00	-0.10	0.50	-1.70	0.60	0.00	0.60	-3.60	-3.90
29	1.40	0.60	-0.10	0.90	-2.40	-0.00	0.20	0.50	-3.70	-3.90
30	0.40	0.20	-0.30	1.70	-3.00	-0.60	0.40	0.40	-3.90	-3.90
31	0.00	-0.20	-0.50	1.80	-3.00	-0.60	0.40	0.50	-3.90	-3.10
32	0.40	-1.20	-0.50	1.60	-3.20	-0.60	0.50	0.	-3.80	-2.50
33	1.50	-0.10	-0.40	1.60	-3.50	-0.60	0.70	0.	-3.70	-1.90
34	3.00	0.50	-0.50	1.60	-3.50	-0.60	1.10	0.	-3.70	-1.40
35	5.60	0.50	-0.50	1.50	-3.50	-0.60	1.30	0.	-3.70	-0.80
36	5.00	-0.10	-0.70	1.20	-3.50	-0.60	1.60	0.	-3.70	0.00
37	2.90	-0.70	-0.90	1.60	-3.20	-0.60	1.30	0.	-3.70	0.20
38	2.30	-1.70	-1.30	0.80	-3.20	-0.50	1.20	0.	-3.70	1.00
39	4.00	-2.80	-1.50	0.80	-2.40	-0.60	1.70	0.	-3.50	1.40
40	1.40	-3.20	-1.60	0.60	-1.70	-0.50	2.00	0.	-2.50	1.90
41	1.10	-2.50	-1.60	0.80	-1.60	-0.60	2.00	0.	-1.70	1.90
42	-0.80	-2.20	-0.80	0.80	-1.40	-0.60	2.00	0.	-0.80	1.60
43	-0.50	-1.90	-0.80	0.80	-1.30	-0.60	2.10	0.00	1.00	0.90
44	-1.50	-1.90	-0.80	0.50	-0.50	-0.60	2.60	-0.70	2.40	0.40
45	-1.10	-1.50	-0.80	-0.00	0.40	-0.60	2.60	-1.60	2.60	0.40
46	0.00	-1.10	-0.80	-0.50	0.80	-0.60	2.20	-2.50	2.70	0.60
47	0.40	-1.10	-0.80	-0.50	1.40	-0.60	1.80	-3.20	2.50	0.60
48	1.20	-1.10	-0.50	3.10	0.50	0.20	1.70	-4.00	2.10	1.50
49	3.00	-1.10	0.00	-0.50	4.10	2.20	1.20	-4.00	1.90	3.30
50	6.75	-1.65	0.40	-0.60	4.70	1.95	1.00	-3.65	1.40	3.50

RECORD=S-234  
 DATE AND TIME=1968. 5.16. 9.44  
 COMPONENT=E-W  
 SIGNAL=GR.ACC.  
 SAMPLING INTERVAL= 0.0101(SEC)  
 CORRECTION=ARC, ENR.  
 FORMAT NO.=501  
 STATION=MURORAN-S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 500)	( 550)	( 600)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	0.30	-0.20	-0.20	4.20	0.80	0.10	-5.19	4.10	3.10	-6.50
2	0.60	1.90	-0.20	0.40	0.80	1.90	-2.90	2.90	2.80	-6.49
3	0.60	-4.10	0.	1.90	1.00	3.91	-1.30	2.00	2.30	-5.50
4	0.60	-4.60	0.	0.50	1.00	5.61	0.00	1.10	1.30	-5.10
5	0.60	-5.10	0.00	-0.20	1.00	6.79	1.20	0.10	-2.40	-4.40
6	2.00	-5.70	0.60	1.80	0.40	6.19	1.60	-0.90	-2.80	-3.20
7	0.60	-5.50	1.10	-3.40	0.40	5.99	1.60	-1.60	-5.42	-2.60
8	-0.70	-4.79	1.50	-6.20	0.10	4.20	2.00	-2.60	-8.02	-2.20
9	-4.51	-3.70	1.70	-2.60	0.	3.80	2.60	-2.60	-9.52	-2.20
10	-5.71	-2.30	2.20	-2.99	-0.00	1.80	1.50	-2.90	-10.75	-2.10
11	-6.50	-0.00	4.20	-4.39	-0.80	0.00	1.40	-3.50	-12.81	-2.70
12	-6.50	-0.10	1.20	-3.00	-1.10	-1.90	0.60	-3.80	-15.17	-3.60
13	-6.50	-0.10	0.50	-2.30	-2.20	-3.20	0.10	-4.00	-12.32	-3.90
14	-6.40	-0.10	-3.00	-1.20	-2.20	-4.20	-0.60	-4.30	-9.85	-4.50
15	-6.20	-0.10	-0.30	-0.60	-1.10	-3.20	-1.60	-4.50	-7.26	-4.30
16	-5.90	-0.50	-0.60	-0.20	-0.70	-2.50	-2.90	-4.60	-3.69	-3.30
17	-5.70	-0.70	-0.70	0.	-0.80	-1.90	-3.80	-3.60	-1.70	-3.80
18	-5.50	-1.10	-1.00	0.	-1.00	-0.80	-4.20	-3.10	-0.10	-3.80
19	-4.89	-1.70	-1.50	0.	-1.20	0.20	-4.90	-3.10	0.30	-3.60
20	-3.90	-1.90	-1.40	0.	-2.90	2.10	-5.40	-3.10	0.30	-4.00
21	-2.50	-2.10	-0.70	-0.00	-3.90	3.50	-5.29	-3.10	0.30	-4.00
22	-1.60	-2.50	0.00	-0.20	-4.71	2.70	-4.30	-3.10	0.	-4.00
23	-0.50	-2.50	0.70	-0.10	-5.80	2.20	-3.70	-3.10	0.	-4.40
24	0.70	-2.20	0.80	-0.10	-5.80	1.20	-2.40	-2.90	0.	-4.40
25	1.90	-0.70	1.70	-0.10	-6.29	0.60	0.	-0.60	-0.10	-4.80
26	2.40	1.10	2.40	-0.10	-5.59	-0.00	0.	-0.60	-0.90	-5.60
27	3.20	2.20	2.80	0.	-4.79	-1.00	0.	0.40	-1.10	-5.50
28	3.20	3.50	2.20	0.	-2.80	-2.00	0.	1.60	-1.20	-5.70
29	2.60	4.41	1.90	0.	-1.40	-2.90	0.	3.10	-1.40	-5.50
30	1.70	6.00	1.40	0.	0.00	-2.70	0.00	4.41	-1.70	-4.80
31	1.50	5.90	0.40	0.	1.40	-2.40	0.20	5.70	-1.90	-4.20
32	1.30	5.80	-0.70	0.00	2.70	0.40	0.20	5.00	-2.10	-3.20
33	0.90	5.40	-2.50	0.30	4.91	2.10	0.20	5.00	-2.10	-2.30
34	1.60	5.30	-5.40	0.20	5.60	2.10	0.20	5.00	-2.10	-2.30
35	2.40	5.10	-6.00	1.10	5.20	3.10	-0.00	5.00	-1.70	-1.50
36	3.30	4.80	-4.80	1.50	4.80	3.91	-0.70	4.50	-1.40	-0.30
37	4.10	3.89	-2.50	2.40	3.90	6.21	-0.70	4.10	-0.50	0.70
38	4.60	2.20	-2.20	2.40	3.00	7.40	-1.50	3.40	0.60	4.51
39	4.60	1.30	-1.50	2.00	1.70	7.40	-1.50	2.60	4.61	5.90
40	4.40	-1.00	-1.00	1.70	0.50	7.39	-1.50	1.40	5.79	4.79
41	3.90	-3.60	0.00	1.40	-1.50	6.89	-1.30	0.50	5.79	3.00
42	3.70	-4.50	1.00	0.10	-2.70	5.79	-0.90	0.00	4.60	3.00
43	3.70	-3.99	4.20	0.40	-3.90	4.09	-0.40	0.40	3.89	2.10
44	3.70	-2.40	3.60	0.40	-5.10	2.00	0.10	1.10	1.60	1.00
45	3.20	-1.40	4.60	0.40	-5.30	0.30	0.10	1.60	0.30	-1.40
46	3.20	0.00	4.60	0.40	-5.20	-1.80	2.40	1.60	0.70	-4.00
47	3.00	0.20	3.10	0.40	-4.79	-4.51	5.60	2.00	-2.30	-4.70
48	2.40	0.20	2.10	0.40	-3.60	-7.70	5.20	2.30	-4.21	-4.00
49	1.90	-0.50	4.90	0.00	-2.90	-7.69	5.20	2.60	-5.90	-2.80
50	0.85	-0.50	4.55	0.80	-1.40	-6.44	4.65	2.85	-6.120	-2.10

NO.	( 1000 )	( 1050 )	( 1100 )	( 1150 )	( 1200 )	( 1250 )	( 1300 )	( 1350 )	( 1400 )	( 1450 )
1	-1.40	-9.10	-9.51	5.59	-8.54	4.49	-6.41	-12.30	4.50	-4.60
2	-1.50	-8.09	-7.50	4.59	-11.01	4.80	-7.40	-12.28	5.50	-4.60
3	5.10	8.49	7.40	2.60	-11.50	1.50	-7.40	-11.62	5.80	-4.60
4	5.71	-7.09	-7.09	0.90	-11.46	-1.90	-8.51	-8.85	5.80	-3.40
5	6.80	-7.29	-7.29	0.70	-11.46	-1.90	-8.51	-6.80	5.80	-3.40
6	6.80	-6.59	-6.59	1.70	-4.10	-8.04	-9.21	-6.80	5.80	-1.10
7	6.99	-5.69	-6.10	-6.91	-3.20	-10.70	-11.13	-2.70	5.59	3.51
8	6.29	-4.00	-1.90	-6.61	-1.60	-12.05	-12.42	-0.50	4.80	5.90
9	5.49	-2.80	1.20	-8.21	0.00	-13.70	-13.01	0.80	3.89	5.69
10	5.30	1.70	5.20	-9.12	1.40	-14.46	-13.35	7.42	2.00	4.69
11	4.20	-2.50	0.00	-10.50	2.70	-13.66	-11.96	8.69	0.90	3.60
12	0.40	-2.50	5.99	-10.10	4.61	-9.76	-7.38	8.20	-0.10	1.90
13	-0.50	-6.50	5.29	-10.00	7.00	-3.19	-5.88	7.88	-1.40	-1.70
14	-1.20	-3.80	4.09	-8.97	6.59	-0.40	-3.30	6.68	-3.21	-4.52
15	-1.80	-4.10	2.70	-8.79	5.88	0.50	-2.30	4.79	-6.50	-8.82
16	-1.80	-4.50	0.90	-7.99	3.79	0.20	-1.20	3.70	-6.69	-10.14
17	-2.00	-5.00	-0.50	-6.98	2.10	0.50	-0.10	2.90	-5.69	-11.94
18	-1.60	-5.31	-2.70	-4.89	1.00	-0.60	0.20	2.00	-4.90	-13.13
19	-1.20	-6.91	-4.51	-2.70	-0.60	-1.80	1.30	2.50	-4.30	-14.02
20	-0.50	-7.80	-7.31	-2.70	-5.31	-3.71	2.50	1.60	-3.90	-14.52
21	1.50	-8.10	-8.10	-2.70	-6.31	-7.62	3.50	1.90	-3.20	-14.98
22	2.50	-7.89	-7.99	-1.70	-7.60	-8.94	3.50	1.50	-1.90	-14.54
23	3.91	-7.28	-7.58	-1.10	-7.28	-11.26	3.50	1.30	-1.80	-15.10
24	5.89	-5.69	-5.98	-0.50	-5.89	-12.57	3.50	1.30	-1.80	-15.28
25	4.99	-4.20	-5.89	0.00	-4.10	-12.57	3.50	1.10	-1.80	-15.28
26	3.89	-3.30	-2.30	0.90	-3.09	-10.44	3.50	1.10	-1.80	-15.28
27	2.20	-2.30	-0.50	1.70	-0.50	-8.69	3.50	1.00	-2.40	-16.60
28	0.10	-1.30	2.71	1.90	1.00	-0.20	3.50	1.10	-3.51	-17.84
29	-2.91	-0.60	7.00	2.30	3.40	2.20	3.50	1.10	-7.52	-18.26
30	-6.54	0.00	7.19	2.50	4.80	5.10	3.10	1.70	-8.80	-19.40
31	-10.92	0.70	6.60	2.50	4.80	5.79	2.70	1.40	-8.48	-19.40
32	-11.82	1.30	6.20	2.50	3.00	5.00	2.40	0.90	-7.38	-19.35
33	-12.63	1.50	2.50	2.40	4.20	5.00	1.80	0.20	-5.88	-19.95
34	-13.58	2.30	2.59	2.40	4.20	5.00	1.80	0.20	-5.88	-19.95
35	-15.12	2.60	3.40	1.20	4.00	3.90	0.20	-1.90	-0.80	-20.66
36	-10.94	1.80	1.60	0.60	3.60	3.40	0.60	0.80	0.80	-21.28
37	-4.89	0.50	1.20	0.70	3.60	3.00	-2.10	-3.50	5.22	-22.20
38	-2.40	0.20	0.20	-0.70	2.60	2.60	-3.71	-4.11	6.11	-23.40
39	-1.20	0.	-0.20	-5.41	1.60	2.00	-5.61	-5.71	8.59	-24.40
40	0.50	0.	-0.70	-6.40	0.50	1.80	-7.12	-7.99	-4.20	-25.40
41	1.40	0.00	-0.70	-6.40	0.50	0.80	-9.21	-8.52	-3.69	-26.40
42	2.90	0.20	0.70	-5.90	0.90	-0.00	-10.03	-9.48	-1.70	-27.40
43	3.40	1.50	0.50	-5.40	2.50	-0.60	-11.50	-8.68	3.89	-28.40
44	3.40	3.20	0.90	-5.10	3.81	-1.80	-11.52	-7.68	1.60	-29.40
45	2.40	1.90	2.20	-5.10	6.50	-2.40	-12.30	-6.20	-0.60	-30.40
46	1.20	0.50	0.81	-4.30	6.70	-2.90	-12.30	-6.09	-2.50	-31.40
47	-0.20	-0.20	5.71	-4.70	6.90	-3.30	-12.30	-4.79	-4.10	-32.40
48	-4.01	-2.10	7.90	-5.21	6.90	-3.80	-12.30	-3.10	-4.60	-33.40
49	-8.41	-3.91	7.69	-6.11	6.59	-4.60	-12.30	-2.80	-4.60	-34.40
50	-8.26	-5.16	6.64	-7.61	5.54	-5.51	-12.30	-1.11	-4.60	-35.40

STATION=HURONAN-S  
TOTAL NUMBER OF DATA= 9000

CURVECTION=ARC.ERR,  
FORMAT NO.=301

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

COMPONENT=E-W  
5.16, 9.49

RECORDS=234  
DATE AND TIME=1488,

RECORDS=234	COMPONENTE=W	SIGNAL=4R.ADC.	CURVECTION=ARC.ERR.	STATION=HURORAN=S					
DATE AND TIME=1968. 5.16. 9.49	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 9000						
NO.	( 1900)	( 1950)	( 1990)	( 1700)	( 1750)	( 1800)	( 1850)	( 1900)	( 1950)
1	-2.20	-14.66	-3.70	-7.90	-1.50	-1.30	3.10	-6.01	-3.17
2	-2.90	-16.16	-2.50	-7.52	5.89	1.00	2.90	-6.80	9.84
3	-2.90	-18.72	-0.50	-1.10	4.60	3.00	2.50	-7.21	11.86
4	-2.91	-17.56	4.01	10.90	3.90	-11.32	4.70	-7.90	13.52
5	-7.61	-15.42	7.00	14.83	2.70	-12.28	-0.40	-7.70	14.03
6	-8.11	-13.90	8.78	15.47	0.60	-14.71	-1.30	-7.39	14.82
7	-8.91	-11.52	-8.91	16.62	0.20	-17.05	-3.71	-6.29	15.27
8	-9.62	-8.79	3.59	15.87	-0.90	-15.61	-5.80	-5.50	14.65
9	-10.70	-2.00	0.90	15.47	-2.10	-13.65	-5.61	-5.60	13.47
10	-10.69	0.00	-0.10	14.86	-2.40	-7.61	6.98	-6.20	12.82
11	-10.09	0.80	7.41	14.00	-2.10	0.40	-5.00	-6.20	13.30
12	-9.58	3.62	8.12	11.67	6.82	4.80	-4.99	-5.59	13.31
13	-8.46	9.90	-9.60	10.68	-5.50	3.70	-4.00	-3.90	13.48
14	-6.07	9.88	-4.47	9.78	8.92	3.40	-2.70	-3.50	12.98
15	-1.70	8.79	-8.56	8.73	-5.81	3.40	-1.60	-3.90	12.39
16	1.20	7.85	-2.78	4.69	-7.22	2.60	0.60	-4.40	11.99
17	6.09	4.79	-2.69	1.60	8.60	1.10	13.92	-5.00	11.59
18	3.40	3.40	2.01	-0.10	-8.60	-0.00	14.47	-5.70	11.28
19	4.80	3.60	9.11	-1.70	-8.59	4.59	13.74	-5.90	10.37
20	4.30	4.01	14.84	-8.95	-7.89	3.60	12.56	-6.10	9.15
21	3.40	5.61	11.62	-11.94	-7.09	1.80	10.96	-6.28	6.19
22	3.80	6.40	8.91	-13.52	-5.80	2.70	2.00	-3.90	4.99
23	4.40	6.40	3.59	-15.84	-5.90	0.80	-1.30	-3.59	3.60
24	3.30	5.89	1.00	-14.83	-4.99	-1.20	-2.70	-0.80	2.50
25	3.70	4.89	-2.10	-15.44	-2.20	-1.50	-3.61	3.91	1.10
26	3.69	3.60	-8.93	-14.35	-0.80	1.80	-5.50	6.92	-0.20
27	4.40	2.40	-10.11	-13.23	0.00	-3.70	-6.01	8.52	-1.80
28	3.40	2.40	-12.04	-11.22	1.00	-3.70	-7.12	10.09	-6.42
29	2.30	2.40	-19.65	-8.29	1.40	-4.70	-8.62	9.74	-8.55
30	0.40	3.00	-18.98	-7.91	3.00	-5.70	-9.74	6.88	-11.85
31	0.40	5.21	-17.67	-8.91	4.60	-5.70	-11.64	5.40	-13.72
32	0.40	6.42	-15.44	-9.71	3.70	-8.01	-12.93	4.80	-16.90
33	1.20	8.71	-14.30	-10.04	2.30	-8.50	-13.86	4.10	-19.88
34	2.20	9.40	-11.83	-12.04	1.20	-8.60	-15.34	4.80	-19.66
35	3.51	9.20	-8.29	-13.48	-0.40	-9.69	-15.96	5.40	-19.19
36	6.50	9.10	0.40	-15.48	-1.70	-8.98	-13.28	4.00	-18.89
37	9.51	9.09	9.21	-13.06	-5.40	-7.81	-8.08	4.00	-16.12
38	7.20	8.55	7.83	-14.08	-5.79	-6.87	-10.16	3.20	-12.69
39	7.00	5.18	11.30	-11.15	-4.69	-4.40	-8.59	2.10	-9.97
40	6.79	1.40	11.63	-5.77	-2.10	-3.70	-7.70	0.20	-8.58
41	3.59	0.00	12.39	-1.69	-0.30	-3.80	-7.91	-2.09	-7.09
42	3.69	-2.01	12.07	6.74	-0.10	-4.30	-8.81	-6.40	-6.40
43	-0.20	-8.74	11.18	10.56	2.20	-3.79	-6.01	-6.82	-6.82
44	-1.90	-10.96	10.37	13.24	3.40	-2.10	-10.66	-7.84	-8.42
45	-6.62	-13.44	9.21	14.21	4.60	-0.90	-11.78	-11.27	-9.60
46	-8.74	-16.82	4.58	14.47	5.00	2.00	-11.15	-13.78	-8.58
47	-11.03	-17.11	1.20	13.82	4.89	2.20	-9.26	-13.65	-8.59
48	-12.24	-15.72	11.84	11.84	3.90	2.40	-6.99	-14.72	-7.77
49	-13.32	-14.18	0.20	9.98	2.10	3.10	-6.00	-12.96	-5.60
50	-13.98	-8.88	-6.67	8.55	0.60	3.10	-6.00	-8.06	-5.90

NO.	STATION=HUORAN=S TOTAL NUMBER OF DATA= 9000									
	( 2000 )	( 2050 )	( 2100 )	( 2150 )	( 2200 )	( 2250 )	( 2300 )	( 2350 )	( 2400 )	( 2450 )
1	-8.51	-8.63	1.10	-1.20	-16.99	-0.70	11.31	13.86	10.46	-11.40
2	-8.11	-10.55	-0.00	-2.20	-16.85	-0.70	8.06	12.85	8.81	-11.41
3	-8.92	-12.81	-1.40	-3.20	-16.02	-1.40	4.90	11.55	3.40	-11.62
4	-10.37	-15.83	-3.80	-4.20	-14.62	-2.40	3.70	9.96	2.40	-12.33
5	-13.38	-14.53	-5.42	-3.20	-12.93	-2.10	3.40	8.16	0.40	-13.15
6	-12.95	-12.94	-8.31	-3.20	-10.82	-2.80	3.40	5.69	-0.50	-14.48
7	-11.41	-11.28	-9.10	-2.40	-8.18	-2.10	3.40	3.60	0.00	-16.17
8	-8.28	-10.62	-9.10	-0.60	-8.93	-1.10	2.80	2.50	0.40	-15.53
9	-0.50	-11.53	-8.98	-1.80	10.91	-0.50	1.90	2.20	0.00	-12.47
10	1.80	-12.61	-8.09	-1.80	11.09	-0.20	1.30	2.20	0.60	-15.27
11	7.45	-12.78	-7.41	-3.70	10.76	-0.20	0.50	2.20	-0.90	-5.47
12	11.52	-12.08	-8.12	-4.90	8.95	-0.00	0.50	2.20	-0.90	-1.50
13	12.13	-11.25	-9.72	-4.29	5.90	-1.20	-1.30	2.20	-3.21	1.10
14	12.98	-9.41	-10.94	-2.70	5.50	-3.10	-2.90	1.80	-8.35	5.13
15	15.07	-9.72	-12.46	-1.60	5.50	-5.22	-4.51	1.00	-11.86	11.02
16	16.59	-10.61	-14.06	-1.20	5.40	-8.25	-6.10	0.40	-19.77	11.62
17	16.22	-11.10	-16.16	-1.00	5.40	-11.75	-6.40	-0.10	-22.95	12.51
18	14.82	-11.08	-14.12	-1.00	4.70	-13.71	-6.40	-0.90	-25.25	15.69
19	19.07	-10.17	-9.67	-1.70	4.20	-19.13	-6.40	-2.71	-27.90	17.34
20	9.53	-8.71	-3.10	-1.70	3.50	-23.13	-6.40	-7.43	-30.05	16.34
21	2.78	-3.10	-1.80	-1.80	1.90	-24.20	-5.91	-9.95	-30.84	12.24
22	-2.30	-1.70	-0.40	-1.80	1.60	-24.77	-7.01	-12.19	-30.95	10.58
23	-0.00	-0.50	-0.00	-1.20	-0.00	-23.84	-7.51	-15.22	-29.00	9.56
24	-0.80	0.50	0.10	-0.40	-0.40	-21.30	-8.52	-23.52	-27.84	7.29
25	-1.90	1.60	-1.20	-2.30	-1.70	-17.46	-9.94	-26.03	-26.16	6.49
26	-0.21	2.70	7.91	-2.30	-2.71	-15.42	-11.61	-26.97	-21.51	5.90
27	-7.51	3.90	9.01	-1.60	-6.53	-13.94	-12.10	-27.85	0.00	6.01
28	-6.71	5.32	6.60	-0.60	-9.190	-12.42	-12.20	-27.47	11.57	7.42
29	-9.32	8.01	7.49	-0.40	-9.89	-9.97	-12.20	-26.66	14.08	8.82
30	-10.18	8.82	9.19	-0.50	-9.36	-8.59	-12.20	-24.75	18.20	9.93
31	-9.31	9.91	8.49	-0.70	-7.23	-7.49	-12.20	-18.15	18.14	11.65
32	-4.58	10.29	8.09	-0.90	-1.60	-7.00	-12.19	-13.68	17.20	13.20
33	-0.30	9.66	7.68	-1.00	4.01	-7.00	-11.99	-7.80	15.61	13.13
34	9.52	8.72	6.38	-1.00	7.61	-6.69	-11.58	-0.60	13.83	11.39
35	10.32	3.90	4.40	-0.20	8.30	-5.68	-10.96	8.54	12.18	10.99
36	11.24	2.30	3.20	-0.20	8.40	-2.20	-9.32	11.26	8.32	10.70
37	12.64	-0.00	1.40	-0.50	8.40	-1.30	-5.18	13.49	2.99	10.70
38	13.95	-0.70	-0.00	0.00	8.20	0.40	-2.50	15.76	0.30	10.69
39	13.20	-1.20	0.40	0.40	8.18	2.61	-0.80	18.98	-0.00	10.29
40	13.20	-3.90	0.40	0.40	6.67	7.61	2.50	22.40	-7.82	9.75
41	13.24	-4.29	-3.50	0.40	3.80	8.21	5.73	23.22	-9.11	7.06
42	16.05	-3.00	-3.50	0.40	2.70	9.23	9.75	23.61	-9.80	2.89
43	14.87	-1.40	-3.80	0.40	0.60	10.72	12.10	22.26	-9.79	-1.60
44	14.27	0.	-3.50	0.30	-0.00	11.71	15.32	19.20	-9.50	-8.51
45	13.45	0.00	-2.70	-1.50	-1.50	15.24	19.46	16.82	-9.72	-8.80
46	12.16	1.20	-2.30	-2.50	-2.50	19.94	20.17	15.52	-10.71	-8.90
47	10.62	1.60	-1.90	-4.00	-2.60	19.06	19.76	13.94	-11.13	-8.90
48	9.59	1.40	-1.90	-10.50	-1.50	16.32	18.11	12.56	-12.11	-8.90
49	1.00	1.40	-1.90	-13.00	-1.00	14.65	16.80	11.28	-12.30	-8.90
50	-3.84	1.23	-1.55	-15.00	-0.85	12.99	15.32	10.89	-11.84	-8.65

RECORDS=294  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=E-W  
 SIGNAL=GR.ACC.  
 CURVECTION=ARC.ERR.  
 FORMAT NO.=301  
 STATION=MURORAN-S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 2500)	( 2550)	( 2600)	( 2650)	( 2700)	( 2750)	( 2800)	( 2850)	( 2900)	( 2950)
1	-8.82	3.10	12.14	-4.40	10.46	-8.65	-39.13	-43.46	1.00	28.78
2	-9.62	1.70	10.93	-2.21	13.18	12.63	-37.33	-47.92	-4.11	25.38
3	-10.69	0.60	14.66	-6.41	15.72	23.03	-34.83	-51.15	-7.92	21.47
4	-10.08	10.23	10.23	-7.70	25.24	31.67	-31.39	-55.91	-9.74	15.48
5	-9.27	0.95	8.02	-8.02	29.97	39.33	-25.27	-58.13	-11.75	11.29
6	-7.67	-2.40	2.30	-9.12	42.09	47.26	-20.95	-57.59	-13.49	7.62
7	-2.33	-2.90	1.40	-10.32	48.96	55.72	-11.50	-56.22	-15.87	0.40
8	-2.90	-2.90	1.60	-11.52	49.88	59.80	-11.50	-54.08	-17.87	-1.10
9	-1.50	-2.90	1.50	-12.33	50.85	50.07	-22.33	-51.41	-19.79	-9.82
10	0.00	-2.90	0.52	-13.16	51.70	59.47	-28.39	-46.64	-21.02	-15.86
11	1.10	-2.30	10.36	-14.79	52.00	26.27	-36.18	-40.52	-23.33	-22.67
12	2.30	-1.70	21.24	-14.92	52.00	33.70	-37.38	-29.52	-25.19	-27.65
13	6.61	0.00	22.58	-11.62	52.00	32.01	-39.05	-5.06	-26.35	-33.31
14	7.82	2.81	22.16	-2.50	52.00	20.62	-39.89	2.11	-29.43	-61.83
15	9.01	10.04	19.91	0.00	51.66	45.22	-39.01	14.99	-28.82	-27.95
16	9.72	11.86	17.71	4.06	50.96	57.94	-38.03	22.87	-27.17	-21.16
17	10.52	13.88	14.93	20.44	50.44	31.20	-36.57	25.29	-24.02	3.13
18	11.20	15.86	10.54	20.25	50.25	24.44	-33.94	27.18	-14.22	16.39
19	11.20	17.00	12.07	32.79	49.93	16.36	-29.91	27.60	-9.94	22.92
20	11.17	16.97	10.96	32.94	48.79	11.65	-26.08	27.54	1.80	24.02
21	10.08	16.45	5.68	32.27	45.11	6.62	-22.07	27.14	3.00	24.86
22	4.88	15.52	4.20	31.44	40.82	1.60	-14.18	26.62	5.80	24.50
23	1.70	16.95	0.50	29.56	38.73	-2.11	-13.66	25.38	4.00	23.55
24	0.40	10.23	-1.50	26.88	36.15	-8.25	-12.54	22.92	3.90	21.20
25	-0.31	2.69	-2.74	23.99	32.14	-12.00	-10.91	14.33	3.00	16.33
26	-6.32	-2.31	-11.76	16.09	23.73	-12.08	-11.12	10.94	1.40	15.51
27	-8.61	-9.06	-14.06	14.17	14.44	-11.29	-11.83	3.89	-0.40	11.11
28	-9.13	-12.46	-20.21	11.01	10.76	-11.15	-12.74	1.10	-9.14	0.50
29	-10.73	-14.88	-23.61	3.88	1.00	-13.09	-13.99	-2.10	-11.16	-2.61
30	-11.95	-20.68	-24.50	-0.90	-4.12	-12.67	-15.94	-6.75	-13.62	-10.18
31	-13.68	-24.98	-23.36	-8.77	-10.50	-11.68	-14.84	-12.28	-23.81	-22.74
32	-13.97	-29.04	-20.61	-12.73	-19.03	-10.88	-18.51	-15.08	-22.40	-27.76
33	-11.25	-33.18	-27.95	-15.84	-21.96	-10.08	-11.21	-20.70	-25.94	-32.19
34	-27.99	-32.18	-26.68	-17.13	-27.02	-9.61	-4.50	-22.77	-25.49	-36.54
35	-31.21	-29.50	-23.38	-19.12	-33.69	-10.02	4.80	-23.26	-23.81	-38.94
36	-29.96	-26.85	-20.16	-19.51	-38.61	-10.85	4.80	-22.05	-16.54	-39.97
37	-37.29	-23.12	-20.25	-20.74	-43.69	-12.79	5.30	-15.94	-13.84	-35.89
38	-23.84	-12.85	-24.62	-21.18	-49.09	-16.66	5.70	-9.54	-12.32	-18.27
39	-10.42	1.61	-22.36	-21.81	-54.77	-24.24	5.78	-1.40	-9.74	31.71
40	-2.90	13.99	-3.70	-20.90	-61.11	-27.25	3.69	3.32	-3.09	36.44
41	-1.40	21.12	-11.29	-19.75	-71.07	-33.45	1.80	13.01	6.36	42.22
42	0.10	25.82	-10.75	-17.79	-74.55	-36.20	-0.00	18.90	16.86	43.22
43	1.60	24.57	-8.08	-16.47	-76.55	-38.74	-5.82	23.61	20.30	43.91
44	3.11	23.62	-7.67	-12.74	-78.14	-42.12	-9.25	24.74	25.64	44.41
45	5.70	22.34	-2.70	-11.11	-77.85	-45.10	-11.74	27.86	27.86	44.87
46	7.63	21.46	-2.19	-7.90	-75.30	-44.98	-13.52	25.18	31.90	45.45
47	6.30	20.06	-4.00	-7.29	-71.92	-44.36	-21.59	23.04	32.69	46.17
48	2.80	18.24	-0.50	-6.45	-74.67	-43.36	-24.57	16.79	32.91	47.12
49	2.40	17.74	-6.50	-4.90	-70.05	-42.07	-28.85	11.83	32.29	47.90
50	4.22	16.42	-0.95	4.82	-65.04	-40.54	-36.48	6.37	30.68	47.36

RECORD#	DATE AND TIME	5-264	COMPONENT	E-H	SAMPLING INTERVAL	0.010(SEC)	SIGNAL	OR	ACC.	CORRECTION	ARC	ERR.	FORMAT	NO.	3001	STATION	MUORAN	S	TOTAL NUMBER OF DATA	9000
NO.	( 3000)	( 3050)	( 3100)	( 3150)	( 3200)	( 3250)	( 3300)	( 3350)	( 3400)	( 3450)	( 3500)	( 3550)	( 3600)	( 3650)	( 3700)	( 3750)	( 3800)	( 3850)	( 3900)	( 3950)
1	40.24	-2.00	44.59	72.55	52.51	50.85	82.55	120.56	46.76	29.96										
2	42.45	-2.80	54.26	62.14	43.21	41.95	69.74	116.44	40.83	24.78										
3	37.39	-4.51	53.57	52.02	52.92	50.76	60.76	111.60	32.62	21.07										
4	34.78	-6.54	51.51	42.56	50.56	25.49	53.67	106.19	23.29	12.27										
5	30.96	-10.40	46.08	32.99	20.36	21.65	47.55	100.84	12.62	8.17										
6	29.99	-10.60	41.99	26.90	9.70	21.99	41.38	97.15	7.49	-0.50										
7	21.55	-10.98	35.17	20.10	-0.00	32.20	35.41	94.40	-1.80	-4.03										
8	18.91	-9.37	24.26	10.58	-4.55	20.58	30.02	91.71	-6.17	-13.86										
9	12.94	-7.98	19.74	1.60	-15.04	28.07	21.44	89.67	-14.98	-18.17										
10	11.15	-6.58	11.19	-3.93	-20.54	29.63	13.52	87.45	-24.72	-28.49										
11	7.56	-4.59	0.20	-12.85	-29.92	28.94	8.94	85.23	-28.27	-37.29										
12	7.57	-1.60	-3.52	-12.02	-42.33	27.64	-0.40	82.48	-35.39	-40.19										
13	5.07	6.01	-12.55	-27.05	-50.68	22.96	-3.72	77.75	-38.43	-45.11										
14	-0.00	21.17	-17.32	-32.82	-60.34	48.44	-12.01	70.55	-40.43	-50.71										
15	-4.20	35.91	-26.80	-42.14	-66.90	45.48	-15.92	60.88	-42.01	-52.28										
16	-4.85	47.03	-26.90	-50.05	-74.55	41.53	-23.52	51.59	-42.43	-53.46										
17	-14.24	50.94	-28.26	-58.05	-80.68	35.72	-26.45	42.11	-38.24	-54.09										
18	-18.07	51.53	-29.65	-61.97	-87.78	31.80	-30.63	33.94	-26.17	-54.20										
19	-27.57	51.14	-30.30	-68.87	-95.56	23.73	-35.07	29.32	-15.58	-54.84										
20	-36.41	49.50	-33.90	-75.69	-96.66	19.04	-36.62	19.88	-3.09	-56.21										
21	-39.43	46.94	-30.36	-80.09	-98.67	12.27	-38.47	10.96	4.22	-60.45										
22	-44.07	42.33	-31.29	-85.22	-99.60	8.16	-40.40	5.74	10.47	-60.48										
23	-50.05	36.09	-34.35	-88.61	-98.64	-0.10	-44.21	-8.12	4.26	-65.35										
24	-52.96	30.47	-36.09	-90.69	-92.38	-2.91	-49.03	-12.08	-12.08	-71.79										
25	-57.54	23.03	-37.28	-92.98	-74.87	-7.79	-51.61	-18.33	70.74	-72.56										
26	-59.92	18.08	-37.40	-93.62	-53.89	-15.10	-58.83	-26.79	70.70	-64.10										
27	-60.91	11.10	-35.64	-91.22	-66.78	-25.17	-63.78	-31.40	65.67	6.85										
28	-60.85	7.44	-31.00	-90.88	-27.25	-29.83	-66.87	-39.22	59.55	66.91										
29	-41.09	2.30	-26.13	-81.60	-18.94	-58.27	-74.79	-44.37	51.63	74.42										
30	-16.97	1.90	-25.11	-76.90	-15.62	-45.76	-82.30	-51.05	41.98	81.51										
31	-4.65	2.00	-23.74	-69.18	-12.20	-32.29	-88.97	-58.64	31.99	83.90										
32	2.62	2.00	-22.41	-61.30	-6.10	-29.26	-98.30	-63.47	21.37	83.90										
33	7.92	1.50	-20.52	-53.51	5.99	-24.26	-105.90	-66.65	10.08	81.63										
34	4.52	-0.30	-17.61	-45.02	19.24	-19.89	-111.35	-73.76	0.50	77.44										
35	10.33	-3.92	-16.33	-38.12	31.30	-31.25	-115.95	-77.05	-3.93	71.19										
36	11.84	-10.40	-14.79	-30.04	37.31	-38.76	-121.85	-79.67	-13.56	62.23										
37	13.03	-14.70	-6.47	-23.40	44.02	-48.87	-125.31	-83.65	-18.13	52.56										
38	13.88	-17.28	-5.08	-16.88	46.82	-53.24	-128.24	-87.32	-26.86	41.96										
39	13.87	-24.68	6.93	-10.15	49.51	-59.89	-133.25	-89.69	-31.58	31.38										
40	12.55	-29.16	21.11	-5.72	53.76	-67.46	-135.10	-91.71	-39.00	21.83										
41	11.14	-35.47	44.69	-7.90	56.53	-72.95	-129.95	-97.46	-44.91	17.98										
42	8.96	-37.85	70.52	66.06	67.11	-125.63	-101.97	-99.75	-50.89	9.59										
43	0.86	-39.67	89.77	71.01	70.60	-126.29	-101.97	-100.87	-58.33	-0.80										
44	2.50	-41.65	98.22	76.32	73.58	-126.29	-101.97	-101.14	-63.23	-11.84										
45	0.10	-43.46	105.34	77.47	79.92	-126.29	-101.97	-101.14	-63.23	-11.84										
46	-0.20	-43.63	102.82	77.19	78.41	-126.29	-101.97	-101.14	-63.23	-11.84										
47	-1.30	-41.76	94.65	74.72	74.89	-126.29	-101.97	-101.14	-63.23	-11.84										
48	-1.90	-30.30	92.24	71.86	70.52	-126.29	-101.97	-101.14	-63.23	-11.84										
49	-1.90	-2.63	86.98	68.05	62.24	-126.29	-101.97	-101.14	-63.23	-11.84										
50	-1.95	27.14	80.20	60.90	58.60	-126.29	-101.97	-101.14	-63.23	-11.84										

RECORD=S-204 COMPONENT=\*\*\* SIGNAL=GR.ACC. CURVE=ARC.ERR. STATION=MURORAN-S  
DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 9000

NO.	( 3500 )	( 3550 )	( 3600 )	( 3650 )	( 3700 )	( 3750 )	( 3800 )	( 3850 )	( 3900 )	( 3950 )
1	-5.59	-17.49	7.41	21.08	43.65	22.04	15.40	44.98	80.02	18.41
2	-4.31	-23.19	4.27	46.89	46.08	16.81	8.16	47.11	73.83	12.00
3	-5.75	-25.83	-1.10	42.61	48.81	10.73	-1.70	48.15	69.57	8.85
4	-14.28	-22.43	-5.24	37.19	21.09	7.70	6.78	47.86	61.74	0.80
5	-14.75	-14.73	-12.83	38.49	33.17	-0.00	-15.66	46.12	52.46	-2.51
6	-18.56	-3.59	-16.84	29.58	22.79	-2.41	28.51	41.47	44.97	-11.55
7	-27.31	-1.30	-24.58	28.37	49.39	-10.79	35.94	34.91	39.46	-13.33
8	-31.71	-2.00	-24.82	18.77	42.65	-14.90	43.76	30.10	32.80	-14.42
9	-38.60	-4.84	-2.42	10.90	34.74	-25.09	52.11	22.66	23.37	-14.21
10	-43.53	-11.96	-14.09	4.48	28.56	-29.38	60.27	18.60	19.28	-7.75
11	-49.77	-14.03	26.53	-1.10	20.75	-38.58	62.28	12.60	9.80	-3.70
12	-52.43	-17.15	47.85	-3.55	10.56	-45.25	65.01	0.26	0.20	-2.00
13	-54.92	-17.74	47.87	-13.31	0.50	-22.57	74.14	6.93	0.10	-3.51
14	-59.68	-14.81	48.02	-16.69	-2.72	-36.72	80.06	0.50	-2.51	-6.86
15	-74.85	-1.28	44.41	-26.07	-15.16	-37.00	87.21	-2.51	13.39	-12.40
16	88.60	34.80	40.07	-30.75	-27.23	-33.21	96.80	-6.45	23.56	-15.65
17	91.20	49.56	41.26	-33.90	-35.92	-41.64	100.97	-12.00	28.85	-23.94
18	90.03	52.88	40.16	-33.82	-39.14	-25.92	-104.63	-15.25	37.38	-25.73
19	80.96	60.23	39.67	-30.16	-45.62	-16.55	-108.88	-18.39	43.49	-25.67
20	83.62	67.15	39.88	-11.52	-52.69	-13.76	-109.41	-22.28	50.15	-26.96
21	78.10	71.44	37.66	59.70	-60.03	-5.70	94.07	-23.97	56.37	-21.34
22	69.31	71.67	39.89	80.59	-63.42	-6.20	66.52	25.41	61.18	-20.00
23	60.80	69.30	34.03	80.59	-65.63	-6.51	38.96	-27.03	63.83	-21.31
24	50.51	62.90	31.45	77.85	-67.66	-7.46	12.37	-30.00	66.03	-23.54
25	40.11	58.75	29.00	73.27	-69.10	-12.21	14.44	-35.88	72.26	-25.58
26	30.33	51.19	21.94	69.30	-69.03	-16.10	18.08	-39.29	74.60	-27.58
27	19.91	41.70	17.65	60.50	-65.44	-24.98	26.08	-43.94	76.29	-28.96
28	9.31	32.07	9.45	51.76	-34.80	-30.09	28.80	-49.44	77.64	-26.54
29	-0.70	22.97	0.93	42.92	-1.30	-39.05	31.31	-53.50	77.91	-11.48
30	-4.44	12.64	-0.00	35.02	12.19	-42.10	31.86	-58.25	66.19	43.99
31	-14.98	7.85	-3.02	30.08	22.01	-44.32	29.71	-63.07	26.30	58.35
32	-15.12	-3.12	-12.00	22.78	35.43	-51.23	22.88	-67.38	12.56	68.12
33	-12.71	-13.76	-15.32	17.30	45.74	-1.27	12.37	-71.44	20.43	74.48
34	7.40	-18.77	-19.84	9.91	58.81	33.52	-2.68	-74.05	26.00	86.06
35	7.65	-28.99	-25.00	1.30	59.04	75.28	11.18	-74.65	33.99	92.01
36	19.02	-39.22	-29.10	-3.73	59.67	98.99	38.95	-72.45	42.11	92.87
37	18.90	-45.42	-30.48	-12.49	58.71	72.46	52.32	-63.27	55.98	92.17
38	13.93	-51.89	-39.18	-18.61	56.02	92.77	59.77	-29.71	63.75	87.90
39	9.82	-54.88	-43.07	-26.68	53.17	92.55	62.88	9.20	64.77	86.93
40	6.15	-57.64	-48.50	-31.56	51.53	91.86	63.91	20.60	62.39	78.58
41	-0.00	-56.62	-46.53	-32.87	51.50	98.25	62.74	30.96	59.34	70.32
42	-0.40	-28.62	-32.87	-43.85	52.03	94.65	60.47	39.25	52.75	61.32
43	0.80	11.54	-4.46	-22.96	52.67	79.16	58.44	47.64	51.75	51.75
44	4.40	26.11	27.03	-62.03	52.70	70.87	52.41	68.51	42.75	41.98
45	5.19	26.18	-75.73	51.16	51.61	46.75	46.75	36.150	34.13	34.13
46	4.09	25.28	34.98	-79.61	48.78	53.66	42.02	90.81	33.40	30.16
47	0.20	23.59	57.38	-87.78	43.08	44.74	37.35	93.67	29.26	20.10
48	-2.41	21.10	58.09	-87.49	35.63	36.59	36.38	93.12	26.05	9.59
49	-7.78	18.73	57.43	-81.55	31.80	30.55	37.01	88.53	23.81	-0.50
50	-12.58	14.12	55.26	-78.44	27.08	25.51	41.61	85.14	21.20	-7.45

RECORD=S-234  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=M  
 SIGNAL=GR,AGC,  
 SAMPLING INTERVAL= 0.010(SEC)  
 CURJECTION=ARC,ERR,  
 FORMAT NO.=301  
 STATION=MURORAN-S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 4000)	( 4050)	( 4100)	( 4150)	( 4200)	( 4250)	( 4300)	( 4350)	( 4400)	( 4450)
1	-14.34	-20.34	0.25	-14.91	-51.98	-4.75	43.38	13.32	63.47	-20.45
2	-20.22	-53.17	0.10	-17.48	-53.81	-13.29	35.38	13.86	68.50	-19.87
3	-28.18	-59.20	-1.80	-23.18	-54.19	-24.86	30.53	15.36	70.52	-19.56
4	-37.16	-82.73	-3.82	-25.49	-13.84	-29.69	21.39	18.51	72.90	-19.12
5	-44.29	-84.52	-11.16	-27.00	57.74	-36.12	12.11	20.12	77.28	-19.45
6	-51.59	-64.00	-13.59	-28.90	50.97	-36.68	6.33	22.46	81.55	-21.40
7	-60.78	-12.77	-15.89	-30.62	55.50	-33.76	-1.30	22.88	84.07	-24.53
8	-65.45	34.79	-19.33	-31.90	55.18	-27.19	-4.02	20.93	90.92	-29.76
9	-73.73	41.14	-15.42	-31.90	52.05	-19.12	10.64	11.59	96.80	-34.71
10	-79.18	41.25	-15.54	-31.90	47.80	-16.93	12.26	7.77	104.84	-34.71
11	-85.74	40.17	-3.57	-32.08	41.75	-15.82	14.01	-2.00	106.98	-36.09
12	-87.96	37.95	35.12	-32.77	52.49	-16.23	14.23	-5.15	106.89	-36.51
13	-89.55	35.87	43.93	-33.00	22.26	-16.81	14.76	-14.90	103.80	-35.91
14	-96.67	33.16	44.79	-32.88	19.69	-18.27	13.87	-25.22	97.32	-33.89
15	-100.07	28.79	43.00	-32.08	9.66	-19.47	13.12	-30.15	88.92	-30.50
16	-101.27	23.74	41.89	-30.08	-1.71	-11.02	11.02	-38.08	82.98	-28.80
17	-101.54	20.30	36.54	-26.34	-10.69	-17.98	-8.05	-44.98	75.62	-25.11
18	-90.17	12.11	33.53	-16.88	-14.55	-17.68	-4.80	-53.02	62.72	-15.69
19	-12.09	9.35	29.37	-5.99	-24.23	-17.41	-4.20	-58.85	52.46	-3.29
20	65.99	6.56	22.84	4.10	-26.93	-17.62	4.50	-61.77	45.15	1.30
21	67.90	1.90	20.30	2.80	-29.47	-18.02	-5.31	-61.94	39.19	6.42
22	65.60	2.61	19.06	2.50	-29.06	-20.08	-7.54	-56.50	31.42	8.155
23	60.21	7.23	12.32	1.90	-23.23	-24.50	-10.93	-39.08	23.45	12.27
24	52.08	19.16	9.84	-3.40	-18.09	-26.05	-11.96	-16.07	20.58	31.63
25	42.92	31.01	7.03	-4.51	-17.91	-29.40	-13.98	-8.70	18.10	37.99
26	34.97	37.01	0.40	-6.51	-18.69	-35.81	-15.68	-8.71	14.01	48.07
27	29.62	44.76	-1.20	-8.01	-22.42	-38.63	-17.33	-9.52	11.84	51.28
28	20.34	52.26	-6.92	-8.68	-25.36	-40.51	-19.74	-10.41	9.97	50.78
29	7.67	57.45	-10.33	-7.03	-28.41	-42.31	-25.13	-11.01	8.79	48.78
30	-2.62	61.67	-11.59	8.66	-35.50	-42.64	-29.76	-11.28	8.18	45.75
31	-14.52	63.18	-10.96	29.90	-36.72	-42.10	-36.01	-10.64	6.79	40.11
32	-23.64	61.07	-5.67	59.75	-36.22	-40.38	-39.61	-8.05	6.10	31.28
33	-28.71	58.80	-1.69	72.47	-31.54	-37.27	-44.41	-4.59	6.00	22.86
34	-38.12	51.83	21.02	77.83	27.41	-35.69	-49.31	-2.68	6.41	17.96
35	-41.99	42.86	32.16	78.81	47.21	-26.87	-51.48	7.03	6.99	9.18
36	-43.18	35.54	36.41	76.59	54.51	-16.20	-1.94	18.88	5.77	-2.31
37	-35.85	31.19	41.64	70.31	57.95	-1.78	-20.80	24.36	2.00	-11.35
38	-15.46	21.41	42.55	62.20	59.46	23.18	-46.15	30.20	-0.40	17.05
39	-2.80	10.73	41.48	52.61	60.74	43.17	-39.96	30.10	-3.00	25.90
40	-1.90	7.67	38.17	42.72	61.24	38.99	-34.88	29.17	-4.93	30.96
41	-2.80	2.00	35.81	34.97	60.87	69.19	-29.41	26.43	-11.23	37.47
42	-4.71	-4.71	31.92	30.87	57.55	74.79	-23.42	24.25	-12.44	40.19
43	-10.29	7.67	29.10	20.70	51.73	81.64	-16.81	23.88	-13.51	44.77
44	-14.08	45.38	20.98	8.14	46.36	84.34	-13.62	24.39	-13.70	-50.52
45	-16.35	-2.59	12.19	2.92	41.17	84.66	-6.75	29.09	-13.62	52.28
46	-24.07	0.01	8.78	-14.33	34.69	80.80	-2.09	35.02	-14.24	53.68
47	-27.21	7.91	1.60	-25.96	29.11	74.39	5.92	44.77	-15.28	54.88
48	-31.58	8.61	-1.40	-30.73	19.04	70.70	8.03	50.96	-17.01	55.48
49	-38.66	8.98	-5.44	-39.68	8.92	51.89	10.04	56.08	-18.82	55.80
50	-46.09	7.63	-10.23	-47.87	2.12	52.73	11.70	59.41	-19.67	57.92

NO.	RECORDS=234 DATE AND TIME=1968. 5.16. 9.49										STATION=MURORAN=S TOTAL NUMBER OF DATA= 9000									
	( 4500)	( 4550)	( 4600)	( 4650)	( 4700)	( 4750)	( 4800)	( 4850)	( 4900)	( 4950)	( 4500)	( 4550)	( 4600)	( 4650)	( 4700)	( 4750)	( 4800)	( 4850)	( 4900)	( 4950)
1	-59.43	-86.62	32.28	-117.02	-65.10	7.48	-28.27	2.40	12.49	-25.35										
2	-61.58	-82.76	33.67	-121.73	-67.85	1.90	-21.07	-0.00	9.25	-30.65										
3	-64.29	-82.68	32.02	-121.51	-50.05	-5.45	25.50	-0.40	6.78	-38.60										
4	-72.50	33.40	24.88	-107.00	-17.70	-13.74	33.94	1.50	4.81	-42.63										
5	-76.50	37.45	20.43	-109.10	36.91	-17.54	35.41	5.43	7.35	-46.93										
6	-81.02	52.80	9.58	-99.65	71.32	-23.88	34.15	10.22	11.67	-47.20										
7	-86.58	47.89	-1.00	-86.99	96.28	-24.77	30.37	20.70	21.25	-45.02										
8	-92.98	41.66	-1.00	-68.61	107.19	-20.05	23.64	33.45	27.48	-40.67										
9	-99.59	32.04	-14.86	-67.18	104.93	-1.98	18.77	42.35	28.35	-32.15										
10	-103.68	22.99	-24.36	-6.00	98.93	21.17	9.95	49.35	28.13	-13.99										
11	-109.18	18.26	-29.03	-5.50	94.93	7.41	52.84	28.28	1.50	-10.88										
12	-112.76	8.62	-30.32	5.70	86.12	33.49	-0.10	51.53	28.07	10.88										
13	-113.15	-2.50	-37.49	-5.39	77.80	34.27	-3.53	48.49	27.12	22.30										
14	132.62	-5.97	-34.69	-4.29	69.45	33.42	-12.92	44.56	25.37	29.11										
15	150.78	-15.50	-24.93	-2.58	60.52	30.26	-16.62	39.10	25.70	29.51										
16	125.95	-24.86	-10.67	9.48	52.10	23.19	-25.11	31.73	21.85	28.53										
17	114.41	-27.33	-14.53	24.37	46.56	19.24	-27.49	24.45	18.19	25.27										
18	104.24	-22.17	-12.94	33.65	42.77	10.41	-29.54	20.21	10.22	21.56										
19	85.69	14.04	-8.60	37.26	38.66	6.71	-27.49	15.08	6.53	17.92										
20	85.13	37.07	-2.53	39.19	37.04	-2.11	-15.72	14.80	-1.10	10.04										
21	75.20	73.56	69.80	41.66	36.07	-11.50	-3.89	19.26	-11.81	7.22										
22	61.79	73.56	74.17	44.87	34.74	-15.60	-1.60	23.76	-15.86	0.10										
23	50.43	70.95	78.05	50.65	32.63	-24.92	0.	26.44	-26.25	-1.90										
24	40.19	63.23	74.50	37.77	28.72	-28.54	-0.00	26.24	-32.62	-3.10										
25	29.95	59.11	69.44	25.63	25.63	-33.95	-1.30	23.38	-43.54	-2.80										
26	18.87	51.08	62.44	20.39	20.39	-39.79	-2.60	21.33	-51.30	-0.30										
27	7.74	41.08	57.60	12.12	12.12	-45.65	-4.11	17.35	-58.95	5.61										
28	-3.94	30.90	51.53	6.14	9.74	-20.96	-5.94	9.33	-63.70	7.21										
29	-16.78	20.68	46.87	6.73	6.73	-34.45	-11.53	0.40	-73.17	8.00										
30	-29.10	9.66	43.27	54.09	-0.60	-36.95	-12.69	-8.52	-77.36	7.90										
31	-38.79	-1.90	38.71	-4.66	-3.42	-34.01	-15.35	-12.42	-82.23	7.99										
32	-46.26	-5.36	32.56	4.70	-9.57	-41.88	-18.21	-16.29	-82.18	7.60										
33	-61.44	-15.61	31.36	34.44	-13.24	-23.34	-19.55	-24.84	-59.22	7.92										
34	-65.44	-27.80	29.71	29.95	-17.25	1.10	-17.58	-28.04	-59.22	9.59										
35	-68.69	-36.20	19.61	22.47	-24.21	0.70	-13.56	-28.04	-59.22	9.59										
36	11.42	-44.41	10.13	17.55	-27.13	-0.10	-13.56	-30.23	37.61	19.70										
37	43.94	-57.38	-1.71	9.81	-27.17	-3.52	7.22	-32.54	38.41	31.50										
38	54.99	-63.28	-11.33	5.45	-12.16	-12.12	18.67	-33.07	40.06	37.56										
39	29.47	-73.08	-16.51	-1.60	48.19	-16.41	19.70	-33.47	42.92	43.36										
40	20.51	-78.65	-20.69	-6.78	33.06	-44.36	20.96	-34.07	45.89	46.36										
41	3.54	-84.68	-32.18	-14.80	52.84	-28.81	23.38	-34.40	47.79	49.96										
42	-3.02	-81.48	-40.55	-21.45	20.85	-36.68	30.48	-34.53	47.42	53.79										
43	-13.98	-58.29	-52.12	-28.94	48.40	-39.67	32.77	-29.93	45.52	56.00										
44	-20.59	14.85	-65.31	-37.01	45.90	-51.20	34.12	-11.44	40.56	58.05										
45	-37.84	48.02	-78.78	-80.99	41.45	-42.94	34.08	31.30	32.16	59.53										
46	-45.53	42.91	-81.28	-46.16	35.73	-42.91	31.07	36.59	23.59	58.98										
47	-58.10	36.76	-89.05	-31.42	31.45	-41.81	24.16	34.65	18.98	53.80										
48	-63.65	34.01	-96.20	-24.96	23.89	-41.81	20.90	31.08	9.18	48.85										
49	-71.82	-31.75	-102.41	-39.76	20.06	-50.24	12.19	21.08	-2.50	41.65										
50	-81.26	31.90	-112.57	-52.62	13.91	-36.80	7.27	17.96	-4.96	31.99										
									-13.57	25.01										

RECORDID=5-264 COMPONENT=E-W SIGNAL=BR.ACC. CURVECTION=ARC.ERR. STATION=MURORAN-S  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA= 9000

NO.	( 5000 )	( 5100 )	( 5200 )	( 5300 )	( 5350 )	( 5400 )	( 5450 )
1	17.25	-71.87	-28.64	8.95	-2.61	-4.50	0.40
2	7.68	-36.75	-10.88	5.77	-5.01	-5.01	-1.10
3	-1.91	-42.97	-14.21	1.20	-6.75	-6.75	-2.20
4	-15.01	-65.30	-50.72	-2.60	-16.71	-11.59	-4.53
5	-19.11	-22.01	-54.80	-5.86	-18.38	-15.19	-6.89
6	-27.79	-22.01	-59.80	-13.62	-17.85	-23.17	-12.54
7	-36.80	-23.84	-54.40	-17.07	-14.08	-27.39	-13.82
8	-42.82	-26.76	-54.35	-25.92	-4.77	-51.50	-5.60
9	-48.76	-24.97	-47.10	-29.25	2.60	-54.43	-5.09
10	-49.84	-21.91	-40.70	-35.21	6.42	-53.43	-3.70
11	-48.65	-18.84	-17.47	-37.55	8.66	-27.13	3.81
12	-44.60	-12.01	35.89	-38.74	-16.11	-12.89	0.00
13	-65.95	9.03	35.14	-38.74	-16.11	-9.91	5.42
14	-17.42	5.16	33.72	-37.79	-3.18	8.14	8.14
15	-11.59	-1.60	23.81	-36.04	8.06	-4.39	11.08
16	-1.50	-8.92	21.45	-34.82	47.75	20.10	13.87
17	8.01	-10.65	19.65	-33.95	51.74	3.10	8.07
18	6.70	-12.55	9.96	-33.70	49.28	13.10	5.77
19	-14.03	-14.03	7.92	-33.68	20.45	10.56	2.00
20	7.62	-14.66	4.40	-33.60	47.42	8.86	-0.80
21	9.42	-13.66	-0.00	-33.60	54.27	0.60	-1.20
22	13.85	-7.92	-2.40	-33.65	68.14	-3.01	3.80
23	20.69	-2.40	-4.52	-33.90	56.01	-0.70	4.80
24	23.63	2.40	-9.75	-34.25	45.51	-1.40	5.80
25	52.97	3.50	-14.15	-34.01	25.69	-4.12	6.21
26	37.26	2.60	-13.90	-32.87	22.50	-15.01	7.20
27	51.59	0.80	-16.53	-29.65	19.67	-5.51	7.64
28	70.26	-1.60	-16.84	-24.92	15.84	-7.21	10.83
29	79.73	-3.50	-15.82	-14.97	12.89	7.21	15.83
30	82.66	-4.50	-6.57	-4.68	9.86	-5.51	8.16
31	82.76	-5.49	-3.48	-1.20	7.92	-5.51	8.16
32	78.88	-4.29	4.90	4.69	2.10	7.21	10.83
33	71.77	-1.00	4.69	6.51	2.10	16.81	15.86
34	63.89	19.59	4.20	7.81	-2.10	17.04	17.04
35	54.77	32.22	4.90	8.51	-2.10	24.10	17.62
36	47.90	38.08	0.80	9.10	-8.77	25.46	17.94
37	41.29	49.05	1.10	9.10	-12.76	25.11	18.55
38	31.95	55.87	1.10	9.10	-14.33	23.27	19.99
39	21.51	59.14	25.17	11.12	-11.24	22.21	21.12
40	10.72	61.67	41.40	13.48	-12.76	22.21	26.35
41	-0.90	61.67	42.21	15.48	-14.33	22.21	26.35
42	-8.43	58.77	42.02	17.28	-15.01	19.70	28.94
43	-13.83	51.82	40.19	18.18	-15.27	18.28	32.59
44	-25.55	42.75	38.94	19.98	-14.61	14.44	34.64
45	-30.20	32.60	35.72	23.87	-12.76	12.14	37.40
46	-39.14	21.19	29.87	25.70	-10.78	10.96	38.55
47	-45.92	9.89	24.75	24.75	-9.98	9.86	37.06
48	-52.76	0.30	22.11	18.18	-9.09	8.14	34.25
49	-60.11	-4.55	14.02	9.98	-9.09	7.78	31.12
50	-64.42	-16.78	14.05	3.76	-9.10	5.87	28.47
					8.10	1.60	25.98
					7.90	0.00	23.47
					12.60	-1.20	21.55
					12.45	12.12	18.69
					10.96	9.44	15.11
					8.19	2.00	11.11
					3.19	1.40	7.52
					3.98	-3.05	0.90

RECORD=S-234  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=E-H  
 SIGNAL=GR.ACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CORRECTION=APC.ERR.  
 FORMAT NO.=301

STATION=MUROAN-S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 5900 )	( 5850 )	( 5800 )	( 5750 )	( 5700 )	( 5650 )	( 5600 )	( 5550 )	( 5500 )	( 5450 )	( 5400 )	( 5350 )	( 5300 )	( 5250 )	( 5200 )	( 5150 )	( 5100 )	( 5050 )	( 5000 )	( 4950 )	( 4900 )	( 4850 )	( 4800 )	( 4750 )	( 4700 )	( 4650 )	( 4600 )	( 4550 )	( 4500 )	( 4450 )	( 4400 )	( 4350 )	( 4300 )	( 4250 )	( 4200 )	( 4150 )	( 4100 )	( 4050 )	( 4000 )	( 3950 )	( 3900 )	( 3850 )	( 3800 )	( 3750 )	( 3700 )	( 3650 )	( 3600 )	( 3550 )	( 3500 )	( 3450 )	( 3400 )	( 3350 )	( 3300 )	( 3250 )	( 3200 )	( 3150 )	( 3100 )	( 3050 )	( 3000 )	( 2950 )	( 2900 )	( 2850 )	( 2800 )	( 2750 )	( 2700 )	( 2650 )	( 2600 )	( 2550 )	( 2500 )	( 2450 )	( 2400 )	( 2350 )	( 2300 )	( 2250 )	( 2200 )	( 2150 )	( 2100 )	( 2050 )	( 2000 )	( 1950 )	( 1900 )	( 1850 )	( 1800 )	( 1750 )	( 1700 )	( 1650 )	( 1600 )	( 1550 )	( 1500 )	( 1450 )	( 1400 )	( 1350 )	( 1300 )	( 1250 )	( 1200 )	( 1150 )	( 1100 )	( 1050 )	( 1000 )	( 950 )	( 900 )	( 850 )	( 800 )	( 750 )	( 700 )	( 650 )	( 600 )	( 550 )	( 500 )	( 450 )	( 400 )	( 350 )	( 300 )	( 250 )	( 200 )	( 150 )	( 100 )	( 50 )
1	20.44	0.30	10.46	0.80	23.81	20.80	7.66	-2.50	-24.43	31.23																																																																																																												
2	19.67	-2.20	8.87	1.90	22.21	20.80	-4.40	-4.71	-27.95	31.93																																																																																																												
3	17.70	-4.11	7.21	1.60	20.96	20.80	-3.49	-7.51	-32.07	30.81																																																																																																												
4	10.73	-7.84	1.00	0.70	17.61	20.90	-0.70	-8.30	-37.66	28.52																																																																																																												
5	7.88	-10.62	-5.21	-0.60	13.21	20.89	3.11	-8.30	-39.77	25.84																																																																																																												
6	-0.90	-11.32	-7.12	-2.60	11.92	20.72	20.89	-8.30	-40.19	20.47																																																																																																												
7	-5.92	-12.13	-8.89	-5.22	8.29	19.70	6.70	-8.31	-37.51	18.00																																																																																																												
8	-9.174	-13.03	-8.08	-7.90	1.10	17.16	7.11	-9.82	-32.02	16.40																																																																																																												
9	-11.63	-13.91	-6.70	-7.68	-0.20	12.18	8.23	-10.63	-29.02	12.93																																																																																																												
10	-12.54	-14.21	-6.39	-6.99	-3.72	11.60	10.45	-11.90	-25.54	-5.78																																																																																																												
11	-13.72	-14.40	-5.60	-4.49	-11.16	8.27	12.85	-11.89	-19.95	-2.70																																																																																																												
12	-14.33	-14.38	-5.60	-1.80	-13.59	6.15	15.98	-11.58	-16.07	0.00																																																																																																												
13	-14.93	-13.87	-5.80	0.00	-16.01	0.20	18.29	-7.37	-13.63	4.80																																																																																																												
14	-15.62	-13.15	-6.04	1.90	-19.99	0.90	19.50	-4.49	-7.09	4.80																																																																																																												
15	-16.64	-11.87	-10.53	3.61	-23.12	-3.72	19.44	-1.50	-5.79	5.81																																																																																																												
16	-18.079	-10.80	-11.76	5.61	-23.17	-12.08	18.67	3.41	-4.29	6.61																																																																																																												
17	-21.68	-10.82	-13.84	7.21	-21.65	-14.62	18.03	7.44	-1.50	7.92																																																																																																												
18	7.17	-11.73	-14.88	8.62	-15.98	-17.34	14.36	11.36	5.92	9.27																																																																																																												
19	13.54	-12.64	-15.54	9.61	-3.85	-22.30	13.62	21.31	8.91	18.36																																																																																																												
20	17.07	-13.69	-19.04	9.99	11.63	-22.19	14.15	30.04	15.65	19.53																																																																																																												
21	18.37	-13.35	-21.99	9.67	15.93	-21.04	15.43	32.51	20.47	23.42																																																																																																												
22	21.20	-11.90	-22.77	8.34	16.39	-18.41	17.94	35.75	25.20	24.97																																																																																																												
23	27.58	-8.60	-22.15	4.68	16.28	-15.29	20.46	39.36	31.59	23.69																																																																																																												
24	34.12	-2.09	-19.01	0.10	15.74	10.47	26.82	40.36	31.88	22.18																																																																																																												
25	42.61	4.51	-16.07	-2.30	12.75	17.35	31.19	39.18	30.67	19.71																																																																																																												
26	44.67	6.31	-9.98	-5.14	11.41	16.83	32.79	36.70	25.73	13.20																																																																																																												
27	44.96	7.83	1.40	-11.87	8.28	16.83	33.01	34.89	22.63	10.42																																																																																																												
28	43.07	10.34	4.60	-14.09	7.15	11.70	32.50	33.54	19.68	6.94																																																																																																												
29	38.86	16.36	4.20	-16.28	2.60	8.29	30.46	31.22	11.71	1.00																																																																																																												
30	34.32	21.93	3.59	-17.71	1.70	24.82	27.75	27.75	8.31	-1.70																																																																																																												
31	31.64	25.07	1.70	-17.76	1.50	22.83	26.86	26.86	2.59	-3.20																																																																																																												
32	24.60	43.84	-0.20	-17.05	1.50	-2.71	21.41	25.98	-1.60	-4.51																																																																																																												
33	22.58	48.35	-2.60	-14.69	1.50	-13.90	20.55	25.21	-3.20	-5.90																																																																																																												
34	22.23	51.42	-3.90	-12.30	1.20	-16.47	20.11	24.51	-4.20	-6.09																																																																																																												
35	22.58	51.12	-4.70	-9.29	1.10	-19.47	20.20	23.74	-4.20	-5.29																																																																																																												
36	20.22	49.36	-9.70	-8.50	1.10	-22.70	20.20	22.49	-3.70	-4.20																																																																																																												
37	20.23	46.71	-9.22	-8.51	1.20	-24.18	20.20	21.41	-2.10	-4.20																																																																																																												
38	21.67	42.39	-8.14	-8.93	1.10	-23.30	20.20	19.59	0.00	-4.20																																																																																																												
39	19.07	37.53	-10.85	-10.43	1.60	-23.30	20.24	18.06	0.60	-5.10																																																																																																												
40	12.72	34.58	-12.74	-11.61	4.41	-22.91	20.78	13.44	0.30	-5.50																																																																																																												
41	10.35	30.78	-13.91	-12.08	6.41	-19.74	21.68	11.84	-0.30	-5.60																																																																																																												
42	8.01	26.04	-14.22	-11.45	8.02	-18.86	22.44	9.87	-2.00	-5.50																																																																																																												
43	1.90	23.80	-14.75	-9.49	9.67	-15.76	22.80	8.23	-3.51	-5.60																																																																																																												
44	0.30	23.02	-13.72	-6.89	13.34	-13.25	22.65	3.49	-6.94	-4.90																																																																																																												
45	0.00	22.29	-13.98	0.60	19.53	-11.86	20.77	0.20	-11.16	-4.91																																																																																																												
46	0.60	21.30	-13.58	8.38	20.06	-10.49	14.50	-2.20	-13.28	-5.93																																																																																																												
47	3.40	20.32	-13.01	20.30	21.79	-9.70	12.31	-4.13	-15.69	-10.06																																																																																																												
48	4.10	19.30	-9.49	26.59	21.66	-9.70	9.53	-11.58	-22.95	-12.67																																																																																																												
49	4.09	16.77	-4.09	25.03	21.29	-9.159	5.76	-14.33	-25.94	-14.60																																																																																																												
50	1.90	13.61	-1.65	24.44	21.03	-8.163	1.63	-19.52	-28.62	-18.76																																																																																																												

RECORD=S-234  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=B-4  
 SIGNAL=GR,AVG,  
 SAMPLING INTERVAL=0.010(SEC)  
 CURVECTION=ARC,ERR,  
 FORMAT NO.=801  
 STATION=MURORAN=S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 6000)	( 6050)	( 6100)	( 6150)	( 6200)	( 6250)	( 6300)	( 6350)	( 6400)	( 6450)
1	-22.56	-26.13	-6.91	-9.05	-15.26	-0.00	-18.27	30.52	33.40	23.87
2	-23.60	-26.26	-7.40	-6.08	-14.77	-2.20	-17.85	32.45	33.40	22.76
3	-23.54	-25.69	-7.59	-4.19	-16.26	-4.40	-16.97	33.37	33.40	21.25
4	-22.67	-23.08	-6.69	-1.90	-17.24	-5.30	-14.95	33.06	33.33	17.88
5	-19.04	-17.26	-6.09	1.80	-17.74	-5.09	-13.83	30.20	32.71	16.11
6	-18.86	-13.46	-5.20	4.10	-16.70	-8.99	-12.04	25.24	30.37	12.85
7	-13.00	-7.57	-4.39	5.21	-13.27	-0.30	-6.88	21.55	22.59	11.40
8	-7.66	-5.29	-3.09	6.81	-7.39	5.21	-4.99	14.67	7.88	6.08
9	-4.79	-2.90	1.00	8.22	-6.59	6.92	-3.19	11.82	20.70	3.69
10	-6.50	-0.20	6.43	9.91	-6.00	8.42	2.61	9.27	18.40	-0.00
11	-1.80	8.10	9.59	15.65	-6.64	10.02	6.81	7.57	14.48	-2.30
12	-0.70	27.46	19.21	18.20	-10.64	11.13	8.12	4.99	11.86	-4.41
13	2.50	27.49	22.13	19.61	-12.25	12.55	9.21	3.10	10.57	-6.74
14	5.71	25.46	22.80	20.98	-13.77	13.95	9.81	2.40	9.37	-10.80
15	6.62	22.18	22.80	21.71	-15.57	15.14	10.20	2.00	7.56	-14.80
16	6.92	17.47	22.63	21.84	-16.91	16.07	10.91	1.90	4.38	-16.96
17	10.32	12.58	24.48	22.20	-17.07	17.40	10.72	1.50	-0.50	-2.20
18	11.03	8.97	25.59	22.20	-16.43	18.83	11.41	1.50	-2.20	-49.18
19	12.24	1.60	22.55	22.20	-15.42	19.19	11.92	1.50	-5.73	-22.83
20	10.42	-1.70	21.22	22.20	-6.47	19.18	12.75	1.50	-10.67	-25.86
21	14.00	-3.20	19.28	22.18	-8.49	20.10	14.26	1.20	-15.35	-28.22
22	13.96	-5.33	16.54	21.83	-0.50	20.33	15.65	1.00	-14.77	-29.71
23	12.94	-9.61	13.85	19.96	5.60	20.48	16.41	0.70	-16.27	-31.71
24	11.35	-10.32	12.56	16.10	5.60	20.29	14.91	0.20	-17.57	-32.64
25	9.38	-11.11	10.57	12.60	5.50	20.11	13.06	-0.10	-18.51	-33.08
26	6.09	-11.60	9.67	9.76	4.99	18.97	9.23	-1.40	-18.67	-35.02
27	7.52	-11.42	7.68	6.34	2.50	17.14	5.56	-2.60	-19.26	-35.10
28	9.23	-3.05	6.69	-0.50	0.60	13.16	-0.40	-3.70	-17.59	-32.98
29	11.07	3.51	5.71	-0.92	-0.30	9.56	-3.71	-5.81	-15.85	-31.70
30	10.59	8.56	6.73	-9.74	-2.10	7.93	-6.44	-6.50	-12.90	-28.23
31	16.26	18.63	9.65	-11.94	-5.41	1.90	-10.85	-6.70	-4.77	-27.04
32	12.03	21.80	12.13	-13.32	-6.21	0.10	-12.96	-6.19	0.40	-24.26
33	9.86	24.56	13.17	-13.64	-7.91	-1.70	-14.63	-5.10	6.42	-18.27
34	7.78	24.85	12.34	-11.90	-8.99	-3.10	-15.30	-5.81	9.17	-14.74
35	6.40	23.73	10.46	-3.67	-8.48	-5.00	-15.16	-6.71	13.08	-3.58
36	6.40	22.26	8.51	-1.89	-6.98	-5.99	-14.38	-7.90	15.28	3.91
37	6.40	19.76	2.80	5.91	-4.68	-4.39	-14.00	-7.89	17.06	7.62
38	6.40	14.80	0.80	7.30	-1.40	-1.30	-13.92	-7.09	19.92	9.37
39	6.40	12.72	-0.60	7.70	7.54	-0.70	-14.54	-5.78	21.33	12.86
40	6.16	10.34	-0.80	7.70	11.01	0.20	-15.34	-3.38	22.61	14.53
41	0.70	7.73	-1.10	7.58	15.06	0.90	-16.11	-6.61	23.46	15.20
42	-2.00	2.70	-1.70	6.29	16.65	-0.40	-15.83	6.71	23.95	15.22
43	-4.23	0.40	-3.30	4.99	16.80	-2.10	-7.57	8.13	24.30	15.39
44	-11.68	-0.90	-5.22	2.40	16.75	-5.11	-5.25	10.18	24.41	15.38
45	-14.61	-1.40	-9.45	-0.00	15.84	-7.05	-3.99	13.94	25.25	15.04
46	-17.34	-1.80	-12.26	-1.30	14.69	-11.79	0.00	17.39	25.66	13.82
47	-22.48	-2.20	-14.27	-3.71	12.62	-14.65	7.25	20.45	25.97	11.84
48	-24.04	-3.80	-15.74	-5.93	9.82	-15.86	11.81	23.99	25.77	9.94
49	-24.40	-3.31	-16.35	-5.64	6.16	-16.95	18.94	31.14	25.46	6.98
50	-25.32	-5.11	-12.62	-11.45	3.09	-17.65	25.21	32.47	24.70	4.89

RECORDS=234  
 DATE AND TIME=1968. 5.16. 9.49 COMPONENT=E-W SIGNAL=GR,ACC. CUR-RECTION=ARC,ERR. STATION=HUORAN=S  
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 9000

NO.	( 6900)	( 6950)	( 6900)	( 6950)	( 6700)	( 6750)	( 6800)	( 6850)	( 6900)	( 6950)
1	2.80	7.90	6.80	1.90	7.88	2.20	13.56	-1.50	-8.26	-12.47
2	1.40	7.90	6.59	-0.90	6.59	2.60	12.64	4.41	-5.49	-14.56
3	0.40	7.60	6.80	-1.60	5.29	2.80	10.94	6.20	-3.50	-15.86
4	0.	7.20	6.00	-3.21	5.20	3.20	8.48	6.51	-1.50	-16.96
5	0.	6.90	5.70	-7.03	1.60	3.20	7.03	7.20	0.10	-16.30
6	0.00	6.90	5.40	-11.54	-0.00	3.00	0.70	7.10	3.60	-14.36
7	0.10	6.90	5.60	-12.62	-0.90	2.80	0.70	6.80	3.60	-6.99
8	0.70	6.90	6.11	-15.15	-1.90	1.90	-3.81	6.60	4.20	-6.29
9	1.10	7.00	7.11	-14.04	-3.40	1.60	-6.42	6.50	4.20	-5.70
10	1.30	7.00	6.01	-15.07	-4.41	1.60	-8.51	5.90	5.30	-5.70
11	1.93	6.70	6.81	-16.49	-5.71	2.50	-8.90	5.80	5.30	-8.90
12	2.40	6.69	6.19	-18.01	-6.80	3.50	-8.89	5.80	5.50	-6.10
13	2.40	6.00	6.00	-19.69	-7.18	4.80	-8.19	6.10	6.00	-5.69
14	3.80	5.39	6.58	-21.71	-5.79	4.80	-7.59	6.50	6.60	-5.79
15	4.80	4.49	7.18	-20.71	-3.80	4.70	-6.79	7.11	7.10	-1.79
16	4.90	3.20	5.78	-18.67	-2.20	4.00	-5.89	8.02	7.30	8.02
17	5.60	2.30	5.50	-16.99	2.60	3.60	-4.79	9.24	7.40	6.02
18	5.40	2.20	4.90	-15.21	4.80	2.80	-3.10	11.46	7.71	9.13
19	5.20	1.90	1.10	-16.45	5.50	2.10	-0.80	13.42	8.11	10.83
20	4.80	1.80	0.10	-11.64	5.00	1.50	0.60	13.99	8.81	12.05
21	4.00	0.80	-0.90	-9.68	4.40	0.80	2.60	13.67	9.41	13.64
22	2.90	0.10	-1.30	-8.46	3.50	0.50	4.11	12.99	10.13	17.04
23	2.50	-0.00	-2.70	-5.69	2.40	-0.20	5.80	12.58	11.63	19.26
24	1.40	-0.20	-3.90	-6.79	1.00	-0.20	6.10	11.89	12.85	20.06
25	-0.00	0.20	-4.79	-1.50	0.60	-0.70	6.60	11.62	14.09	20.67
26	-0.80	3.11	-5.30	1.00	0.60	-0.90	7.10	12.25	13.87	20.29
27	-1.10	6.21	-1.40	4.61	0.60	-1.40	7.10	13.97	15.02	18.71
28	-2.70	7.62	0.90	6.12	0.90	-2.00	7.10	17.85	10.96	12.60
29	-3.40	9.01	2.70	8.32	1.60	-3.60	7.00	18.80	9.36	9.84
30	-3.60	9.59	3.60	9.42	1.60	-4.50	7.00	21.35	7.07	6.75
31	-3.70	9.16	3.90	10.45	1.00	-5.40	7.00	21.77	3.90	1.80
32	-3.90	7.05	3.70	12.44	1.00	-5.90	7.00	21.43	2.50	-1.70
33	-4.21	2.20	3.30	15.52	0.80	-4.29	6.99	20.71	2.20	-4.51
34	-6.61	-0.90	3.50	14.07	0.80	-1.10	6.39	19.64	2.20	-7.85
35	-7.41	-2.10	3.90	13.82	0.80	6.92	6.39	17.54	2.20	-11.95
36	-7.89	-4.61	5.00	18.12	0.80	8.53	5.59	12.44	1.90	-13.45
37	-7.18	-7.22	5.00	19.85	0.80	10.55	4.69	10.58	1.30	-14.85
38	-5.13	-8.70	5.30	22.01	0.80	12.44	2.70	9.56	0.20	-15.86
39	-1.40	-8.68	5.20	26.58	0.40	13.33	0.10	7.27	0.70	-16.93
40	3.11	-7.27	5.00	27.71	-0.00	14.55	-0.70	4.49	2.00	-15.76
41	4.51	-4.59	4.50	28.16	-0.90	15.45	1.40	1.40	3.91	-14.99
42	7.40	-3.09	3.90	27.14	-1.20	16.43	-4.41	-0.40	6.11	-12.70
43	7.09	2.80	3.20	24.86	-1.70	16.94	-7.84	-2.80	7.51	-7.07
44	6.30	5.60	2.70	22.55	-0.80	17.50	-11.24	-4.41	-8.09	-4.59
45	5.90	6.11	2.10	21.79	0.40	17.50	-12.75	-7.03	-8.09	-3.40
46	5.80	7.91	2.70	19.45	1.90	17.49	-14.01	-10.11	-7.59	-1.50
47	6.01	8.50	3.40	14.62	1.90	17.27	-14.26	-10.72	-7.11	0.00
48	7.90	8.20	3.80	12.54	1.50	16.85	-13.16	-11.69	-7.70	3.51
49	8.09	7.90	4.00	10.67	1.60	15.93	-9.41	-11.26	-7.70	5.52
50	8.00	7.54	2.95	9.27	1.90	14.44	-5.46	-9.77	-10.10	7.58

RECORDS=204  
 DATE AND TIME=1966. 5.16. 9.49  
 COMPONENT=E-W  
 SIGNAL=BR,ACC.  
 CORRECTION=ARC,ERR.  
 TOTAL NUMBER OF DATA= 9000

NO.	( 7000 )	( 7050 )	( 7100 )	( 7150 )	( 7200 )	( 7250 )	( 7300 )	( 7350 )	( 7400 )	( 7450 )
1	9.64	4.70	-2.00	6.59	1.90	9.52	19.05	8.69	7.10	-0.50
2	11.43	4.50	-1.20	5.10	1.90	10.51	19.72	8.29	7.40	0.00
3	12.56	4.40	0.00	5.61	3.00	11.09	19.89	7.88	7.40	0.30
4	11.46	3.90	1.00	6.21	3.00	10.89	19.75	6.56	7.40	1.00
5	10.16	3.00	3.10	7.51	2.80	10.59	19.10	2.20	7.40	1.60
6	9.68	0.90	4.11	7.80	1.60	10.18	17.66	0.70	7.89	3.00
7	8.09	-0.10	6.11	7.80	0.40	9.27	14.19	-0.70	6.89	3.00
8	7.40	-1.40	7.41	7.80	-0.00	7.89	11.76	-3.21	5.99	3.00
9	7.20	-2.50	8.02	7.80	-0.70	6.99	10.27	-5.82	4.90	3.40
10	7.60	-4.70	7.40	7.79	-1.50	5.69	8.78	-9.11	4.50	3.40
11	7.50	-5.60	7.87	7.40	-0.80	3.90	7.57	-9.68	3.70	3.70
12	7.50	-5.91	7.88	7.39	-1.00	2.70	5.39	-8.49	2.60	3.80
13	7.60	-7.32	6.69	6.59	-1.50	1.80	3.90	-7.68	3.00	3.80
14	7.50	-8.70	5.28	5.89	-2.10	1.20	3.20	-5.99	3.40	3.40
15	7.09	-8.60	4.00	5.09	-2.80	2.00	2.80	-4.99	3.40	2.80
16	6.60	-8.59	-0.50	2.80	-1.90	2.50	2.60	-3.90	3.80	1.40
17	6.09	-7.69	-1.90	0.60	-1.50	3.40	3.40	-2.40	4.10	0.00
18	5.10	-7.18	-2.60	-0.50	-1.20	3.90	4.11	0.60	3.30	1.40
19	4.60	-5.40	-3.70	-1.90	-0.40	4.40	5.71	4.81	1.40	-2.70
20	4.50	-5.20	-4.30	-3.20	-0.30	4.40	7.01	7.42	0.00	-3.70
21	4.30	-4.70	-4.90	-3.50	0.10	4.40	8.22	9.03	-1.90	-5.40
22	3.30	-4.80	-4.60	-2.80	1.40	4.40	9.63	11.01	-3.70	-6.11
23	3.80	-4.80	-4.50	-2.20	2.20	4.40	11.02	11.39	-4.70	-7.11
24	6.20	-4.40	-4.40	-1.40	2.80	4.30	11.60	10.97	-5.10	-7.60
25	6.80	-3.90	-4.10	-0.30	3.20	4.00	11.60	9.97	-5.20	-7.80
26	7.31	-3.20	-3.90	0.80	3.20	3.30	11.58	8.77	-5.70	-7.90
27	8.01	-2.10	-3.90	1.70	3.61	2.40	10.98	7.18	-5.70	-7.90
28	8.73	0.80	-3.90	2.40	5.61	1.10	10.29	5.39	-5.70	-7.79
29	10.36	2.20	-3.90	3.70	6.51	-0.00	9.78	4.10	-5.40	-6.88
30	13.20	2.70	-3.90	5.90	7.91	-0.60	8.78	3.00	-5.09	-5.39
31	15.69	3.50	-3.40	6.50	8.63	-1.60	7.49	3.40	-4.10	-5.30
32	15.47	2.80	-2.90	5.90	10.45	-2.60	6.59	3.20	-3.10	-1.20
33	15.94	2.10	-1.70	0.70	12.47	-3.00	5.19	2.80	-1.80	4.41
34	15.77	2.10	-0.20	0.30	14.64	-8.00	3.70	1.40	1.00	6.51
35	14.96	2.80	4.81	-1.80	15.39	-4.60	2.40	0.00	4.81	7.92
36	11.98	3.50	5.91	-3.00	15.29	-5.71	1.20	-0.60	6.51	9.24
37	11.49	4.20	7.21	-3.50	15.07	-7.12	0.10	-2.50	7.61	11.35
38	10.99	4.20	6.53	-3.50	14.37	-8.83	-0.20	-3.30	8.20	13.04
39	10.49	4.00	10.55	-2.80	13.66	-10.41	-1.00	-4.30	8.50	14.09
40	10.09	4.00	12.72	-1.90	12.77	-11.01	-1.90	-4.20	8.50	13.87
41	9.58	3.30	16.27	-1.40	11.97	-11.39	-3.10	-3.40	8.29	13.16
42	8.59	2.40	17.62	0.40	10.87	-11.18	-4.20	-1.50	7.89	11.95
43	7.80	1.80	19.35	2.00	9.58	-10.45	-5.00	0.00	6.78	10.22
44	7.60	0.40	19.87	2.50	8.78	-8.46	-4.68	1.20	4.89	6.47
45	7.29	-0.10	19.57	3.00	7.39	-6.08	-0.80	1.90	3.10	3.39
46	6.29	-1.40	19.12	2.80	6.70	-3.57	5.51	2.60	1.90	0.20
47	5.39	-2.50	17.86	2.60	6.30	5.82	6.41	3.80	0.80	-1.60
48	4.41	-3.30	16.11	1.90	6.01	8.00	7.31	5.60	0.00	-3.00
49	4.10	-3.40	10.77	1.90	7.01	15.26	8.21	5.60	0.00	-4.71
50	4.40	-2.85	6.66	1.90	8.27	17.17	8.45	6.36	-0.15	-6.21

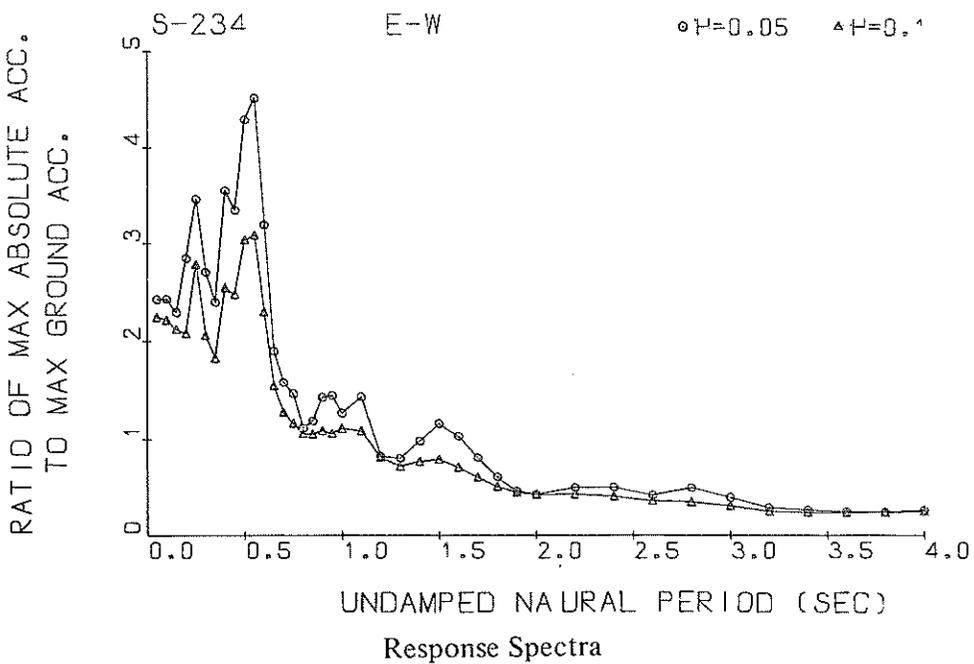
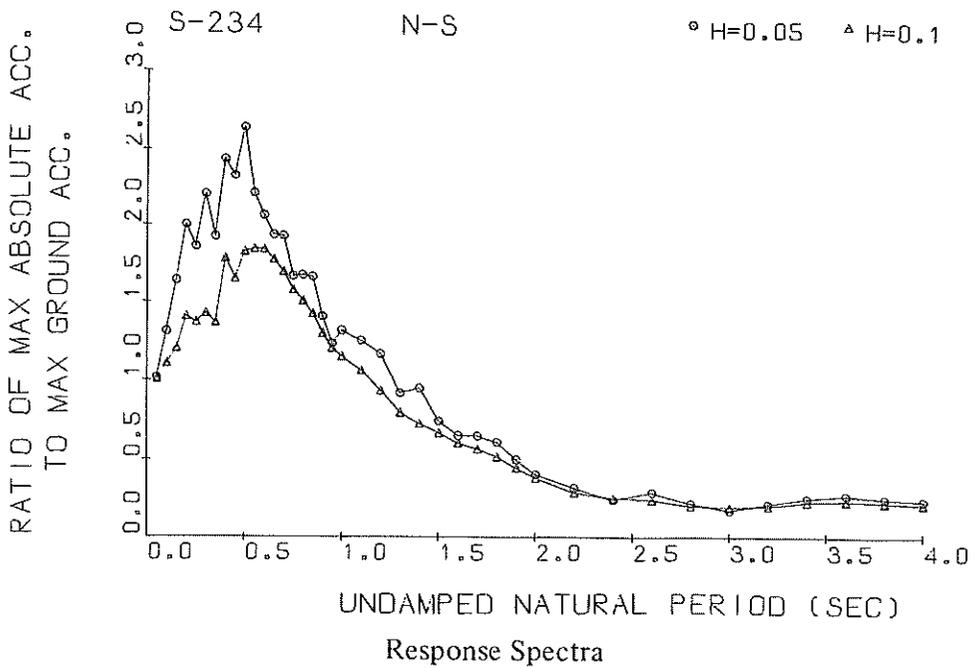
NO.	( 7500 )	( 7550 )	( 7600 )	( 7650 )	( 7700 )	( 7750 )	( 7800 )	( 7850 )	( 7900 )	( 7950 )
1	-1.73	-1.50	1.71	4.60	-8.49	11.86	1.90	-6.80	1.90	-6.32
2	-0.73	-1.50	16.26	4.40	-7.90	13.74	0.60	-6.70	0.60	-8.93
3	-11.22	-1.50	10.82	4.40	-7.59	14.83	-0.20	-6.70	-0.30	-10.64
4	-12.11	-1.50	11.86	4.50	-6.79	15.40	-0.80	-6.09	-1.20	-11.14
5	-12.39	-1.40	10.88	4.90	-5.99	15.39	-1.10	-6.09	-2.00	-11.32
6	-11.97	-1.70	9.99	4.80	-5.10	15.16	-1.10	-4.99	-2.70	-11.95
7	-10.95	-2.20	9.49	5.00	-4.50	14.50	-1.50	-3.90	-2.80	-11.02
8	-8.96	-2.50	8.99	5.40	-3.70	12.13	-1.90	-3.10	-2.10	-15.53
9	-6.58	-2.60	8.20	5.80	-2.90	10.05	-2.40	-1.90	-0.80	-15.98
10	-4.79	-2.60	7.90	6.21	-2.10	7.94	-3.00	-1.10	0.20	-15.52
11	-3.09	-2.50	7.69	7.40	-1.50	3.89	-3.20	-0.10	2.20	-14.04
12	0.00	-1.70	7.19	7.60	-1.10	1.00	-3.30	0.30	3.40	-12.46
13	2.70	-0.90	6.49	7.90	-0.60	-0.10	-2.80	1.00	4.10	-8.27
14	3.20	-0.40	5.59	8.20	-0.60	-1.10	-2.30	1.50	5.20	-6.39
15	3.90	-0.30	4.60	8.09	-0.60	-2.40	-1.30	2.60	6.01	-5.20
16	4.40	-0.80	3.90	7.19	-0.60	-3.60	0.00	3.40	7.41	-4.40
17	4.40	-0.90	2.80	6.99	-0.60	-4.20	1.40	4.00	8.51	-3.80
18	4.40	-0.70	1.90	4.59	-0.60	-4.70	3.30	4.60	9.31	-3.50
19	3.10	-0.90	0.20	2.50	-1.10	-5.20	4.80	4.80	10.10	-3.50
20	3.50	-1.20	-0.50	0.80	-1.60	-5.99	5.40	5.00	10.11	-3.80
21	6.50	-1.20	-1.60	0.20	-1.90	-4.70	5.80	5.00	10.49	-3.80
22	6.10	-1.40	-3.20	-0.40	-1.90	-4.30	5.90	5.00	9.99	-3.90
23	6.10	-0.80	-4.81	-1.00	-2.00	-3.90	5.59	4.80	9.38	-3.40
24	6.10	-0.10	-6.91	-1.10	-2.10	-2.30	4.79	4.70	8.59	-2.40
25	6.10	0.10	-7.72	-1.10	-2.60	-0.60	2.50	4.40	7.69	-1.90
26	6.10	1.20	-9.21	-0.80	-2.80	2.60	1.40	4.20	6.89	-1.10
27	6.10	1.90	-9.90	0.00	-3.80	4.00	1.00	3.60	5.59	0.00
28	6.10	2.30	-9.78	2.60	-4.00	5.20	1.00	2.30	4.40	0.00
29	6.10	1.90	-8.57	3.61	-4.00	5.20	1.70	1.00	3.40	0.00
30	6.10	0.80	-6.59	6.62	-4.10	5.90	2.30	-0.00	3.10	0.00
31	6.50	-0.00	-5.09	9.05	-4.00	5.90	3.10	-1.70	3.10	0.00
32	6.50	-0.70	-3.90	10.84	-4.10	6.00	3.60	-3.10	3.10	0.00
33	6.50	-1.70	-2.50	12.55	-4.00	5.90	3.40	-4.10	3.40	0.20
34	6.00	-2.50	-1.20	15.68	-4.00	5.90	3.00	-3.50	3.90	0.10
35	6.60	-5.30	-0.20	13.08	-4.00	5.90	2.40	-2.80	4.61	0.10
36	6.60	-4.50	0.60	12.56	-4.00	5.90	2.20	-2.20	5.91	0.00
37	6.00	-4.70	2.80	11.36	-4.00	5.90	1.90	-1.30	7.42	-0.00
38	5.60	-4.70	4.01	9.92	-4.10	5.90	1.90	-0.10	9.07	-0.60
39	5.70	-3.99	2.91	6.59	-4.10	5.80	1.90	1.00	13.24	-1.40
40	5.60	-0.40	7.41	4.99	-4.10	5.60	1.90	2.60	14.19	-2.00
41	5.60	2.60	6.01	2.60	-4.10	4.70	1.90	1.00	13.24	-1.40
42	5.00	5.91	6.70	6.70	-3.60	4.40	1.90	2.60	14.19	-2.00
43	4.80	7.62	8.70	-0.60	-3.60	4.40	1.30	5.00	13.83	-2.50
44	4.40	9.12	8.70	-1.90	-1.90	3.90	0.20	5.00	12.23	-2.70
45	3.80	10.55	8.79	-0.10	-0.10	4.20	-0.40	5.40	10.35	-3.10
46	2.20	12.92	6.09	-0.10	-0.10	4.60	-1.40	5.60	8.35	-3.10
47	1.30	16.28	7.69	1.60	1.60	4.50	-2.40	5.40	4.98	-3.00
48	0.10	17.67	6.89	-9.41	4.61	5.20	-3.40	4.80	1.80	-2.50
49	-0.80	18.65	6.09	-9.69	6.91	5.00	-4.50	4.00	0.20	-1.20
50	-1.15	18.22	5.65	-9.09	9.89	3.00	-5.51	3.60	-0.70	1.60
							-6.16	2.75	4.26	6.61

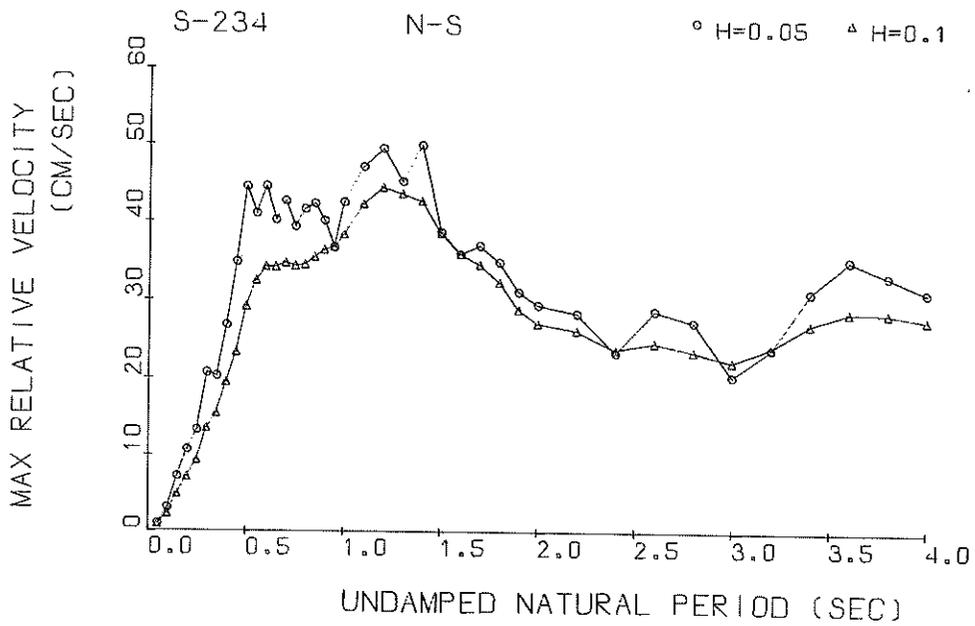
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DATE AND TIME=1968. 5.16. 9.49  
COMPONENT=E\*4  
SAMPLING INTERVAL= 0.010(SEC)  
CORRECTION=ARC,ERR,  
FORMAT NO.#301  
STATION=HUORAN=5  
TOTAL NUMBER OF DATA= 9000

RECORDS=234	COMPONENT=E-W	SIGNAL=GR.ADC.	CORRECTION=ARC.ERR.	STATION=MURORAN-S				
DATE AND TIME=1968. 5.16. 9.49	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 9000					
NO.	( 8000)	( 8100)	( 8200)	( 8250)	( 8300)	( 8350)	( 8400)	( 8450)
1	7.92	7.42	9.19	3.50	-0.70	-5.59	0.60	6.51
2	9.24	9.14	8.49	3.90	0.40	-4.00	3.21	7.62
3	11.43	11.14	7.89	3.90	0.00	-2.70	5.80	9.01
4	12.43	12.66	7.90	3.20	0.20	-1.10	6.41	9.81
5	13.40	13.44	6.99	1.90	0.50	-0.10	8.01	10.42
6	13.39	13.40	5.99	1.70	1.20	1.70	8.81	11.42
7	13.20	13.37	5.40	0.40	1.90	3.51	9.81	11.91
8	13.10	14.75	4.90	0.	2.50	5.51	9.90	12.49
9	12.97	13.75	3.90	-0.00	3.80	6.51	9.91	11.98
10	12.29	12.45	2.80	-0.40	5.00	8.01	10.30	11.29
11	11.99	11.07	2.10	-0.70	5.90	8.81	10.20	10.79
12	11.76	9.87	6.81	-0.80	6.50	9.82	10.29	10.98
13	10.49	8.57	7.40	-1.40	6.60	10.53	9.89	9.49
14	9.89	7.00	-0.50	-1.90	6.61	11.72	9.29	8.79
15	9.50	6.80	-1.50	-2.70	7.20	12.33	8.29	8.40
16	9.41	8.40	-3.11	-3.20	7.21	13.19	8.70	8.20
17	9.81	7.10	-5.71	-3.20	7.71	12.99	8.69	7.89
18	10.11	8.50	-7.61	-2.70	8.10	12.69	8.30	7.39
19	10.42	7.80	-8.72	-1.90	8.11	12.26	8.30	6.79
20	11.11	7.90	-9.90	-0.90	8.60	10.97	7.99	6.09
21	11.29	7.91	-9.89	0.00	8.60	9.86	7.50	5.88
22	10.99	8.40	-9.49	2.30	8.60	8.19	7.09	4.50
23	10.48	8.60	-9.09	4.40	8.40	7.40	6.40	4.00
24	9.66	8.61	-8.49	5.80	8.40	7.00	5.89	0.10
25	8.88	9.00	-7.78	5.80	8.30	6.60	5.00	-0.30
26	8.39	9.20	-6.69	6.20	8.00	6.30	4.80	-1.10
27	4.99	9.20	-5.59	6.40	7.80	6.40	4.80	-1.60
28	3.60	9.19	-4.10	6.20	7.50	6.30	5.30	-2.00
29	3.00	8.59	-3.30	5.88	7.50	6.40	6.00	-2.60
30	2.40	7.78	-2.90	5.50	7.40	6.61	6.61	-3.40
31	2.50	6.69	-1.20	2.50	7.29	7.31	7.41	-3.90
32	2.00	4.80	0.00	1.70	6.70	7.90	7.91	-4.00
33	2.10	3.90	0.40	0.90	6.30	7.90	8.41	-4.00
34	2.10	3.00	1.60	-0.60	5.89	7.89	9.11	-4.20
35	2.30	3.50	2.20	-1.40	4.39	7.39	9.93	-4.40
36	3.60	3.50	2.20	-1.90	2.10	6.79	11.51	-4.40
37	4.51	3.50	2.20	-2.50	1.50	5.88	11.91	-4.40
38	4.20	4.10	2.20	-2.90	0.60	2.60	12.29	-4.70
39	4.80	4.70	2.20	-3.30	-0.70	2.20	11.87	-4.70
40	7.20	5.00	2.20	-3.60	-2.00	1.70	10.78	-4.60
41	7.60	5.10	2.20	-3.60	-3.40	0.60	9.98	-4.40
42	7.91	5.10	2.20	-3.60	-5.21	-0.00	9.17	-4.30
43	8.60	5.00	2.20	-3.60	-6.51	-0.70	7.49	-3.80
44	8.60	5.30	1.80	-3.50	-7.81	-1.80	6.59	-3.10
45	8.50	5.10	1.00	-3.40	-8.40	-2.40	5.70	-2.10
46	8.19	4.80	0.80	-3.80	-8.40	-2.70	5.70	-1.10
47	7.59	4.40	0.60	-3.40	-8.20	-2.10	5.60	-0.10
48	6.79	4.00	0.80	-3.40	-7.99	-1.80	5.20	0.40
49	2.80	3.60	1.20	-2.90	-7.59	-1.90	5.60	1.40
50	2.60	2.80	2.65	-1.40	-6.59	-0.65	6.05	1.40

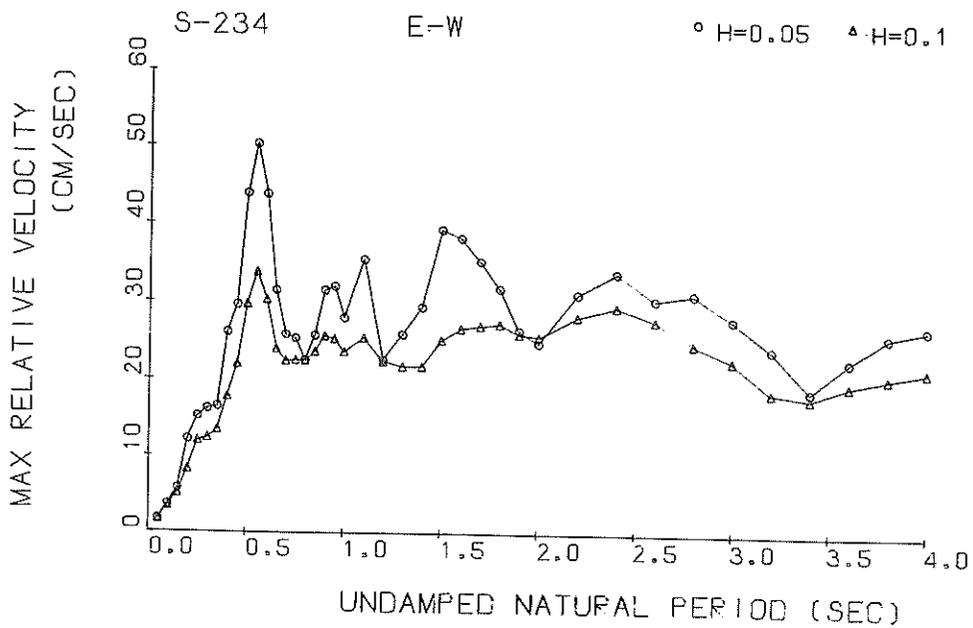
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 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENTS=W  
 SIGNAL=RR,ACC.  
 SAMPLING INTERVAL=0.010(SEC)  
 CORRECTION=ARC,ERR,  
 FORMAT NO.=301  
 STATION=MURDRAN-S  
 TOTAL NUMBER OF DATA= 9000

NO.	( 8500)	( 8550)	( 8600)	( 8650)	( 8700)	( 8750)	( 8800)	( 8850)	( 8900)	( 8950)
1	1.40	5.99	-5.90	8.10	-0.60	1.90	2.60	0.	0.40	5.30
2	1.40	5.19	-2.40	6.60	0.00	1.10	1.60	0.	0.40	5.80
3	1.50	4.50	-1.90	6.60	1.50	0.50	2.60	0.00	0.80	6.00
4	0.60	3.50	-0.50	6.30	3.50	0.40	1.40	0.40	1.20	6.01
5	-0.90	2.80	0.00	6.00	4.10	-2.20	0.50	1.60	2.80	7.01
6	-0.50	2.20	0.60	5.90	5.00	-2.50	-0.00	2.10	2.80	7.71
7	-1.20	2.50	1.70	5.70	5.60	-3.00	-0.40	2.80	3.90	8.21
8	-1.90	2.60	0.60	5.20	6.10	-3.60	-0.70	3.40	5.00	8.81
9	-2.70	2.20	4.50	5.00	6.50	-3.90	-0.80	3.40	5.00	9.21
10	-3.40	2.30	4.50	4.60	6.20	-4.20	-0.80	3.20	5.00	9.62
11	-3.40	2.30	4.80	3.80	6.10	-3.50	-1.10	3.10	5.00	11.01
12	-3.40	2.30	5.40	6.10	5.58	-2.50	-1.60	3.10	5.00	11.40
13	-2.70	2.50	5.40	2.40	3.20	-1.80	-2.30	2.60	5.00	11.92
14	-1.90	2.30	5.50	2.00	1.60	-0.60	-3.50	1.20	4.70	12.32
15	-0.60	2.50	5.50	1.60	1.00	-0.20	-4.71	0.40	5.60	12.80
16	0.00	2.40	5.60	0.40	-0.00	1.50	-5.91	-0.00	5.80	12.79
17	0.60	2.20	5.60	0.10	-0.10	3.10	-7.51	-0.40	5.80	12.39
18	0.60	2.20	6.50	-0.40	-0.60	5.20	-8.61	-0.70	6.30	12.07
19	0.60	2.60	6.90	-0.50	-0.80	5.71	-9.20	-0.70	6.80	11.17
20	1.40	3.40	6.80	-0.50	-1.70	7.92	-9.08	0.00	7.10	9.98
21	2.00	3.30	6.80	-0.50	-1.90	9.11	-8.09	1.20	7.10	8.87
22	2.40	3.30	6.60	-0.20	-1.90	9.90	-7.38	2.80	7.50	7.37
23	3.10	4.10	6.49	0.00	-2.40	9.90	-6.09	4.00	7.50	4.49
24	4.20	5.20	5.89	0.50	-2.40	10.00	-5.09	4.70	7.49	2.70
25	4.20	5.80	5.80	1.20	-2.20	9.88	-3.90	5.20	6.79	1.10
26	4.10	5.80	4.50	1.70	-1.80	8.98	-2.40	5.40	6.19	0.00
27	1.90	5.80	4.00	2.00	-1.80	8.98	-0.60	5.80	5.29	-0.80
28	1.80	5.90	3.60	2.40	-1.80	7.99	3.91	6.20	3.99	-1.20
29	4.10	5.50	3.00	3.00	-1.80	7.19	6.01	6.70	2.50	-2.10
30	4.80	5.00	3.00	3.80	-1.90	6.60	7.61	6.49	1.00	-2.50
31	3.50	4.40	3.00	5.10	-2.40	6.61	8.62	5.80	-0.00	-2.90
32	3.80	4.20	3.00	5.60	-2.40	7.61	9.84	5.59	-0.60	-2.90
33	4.30	3.90	3.00	6.10	-2.30	8.41	11.86	4.40	-1.20	-2.30
34	4.30	3.60	3.40	6.50	-2.20	9.01	13.85	3.89	-2.10	-1.80
35	4.80	3.30	3.20	6.50	-1.80	9.63	15.04	2.30	-2.60	-1.60
36	4.80	3.30	3.20	6.70	-1.60	10.94	15.94	1.70	-2.60	0.00
37	4.50	3.00	2.80	7.10	-1.10	12.34	16.66	1.00	-3.30	1.00
38	3.70	2.50	2.60	7.20	-0.60	13.73	17.55	0.70	-3.70	1.90
39	3.60	1.60	2.50	7.20	0.00	14.45	16.85	0.20	-4.10	1.90
40	3.50	0.60	2.50	7.20	1.00	15.61	16.04	0.	-4.10	1.90
41	3.50	-0.00	2.30	6.80	2.20	15.77	14.93	-0.00	-3.80	1.50
42	3.60	0.90	2.80	6.29	3.60	15.16	13.55	-0.40	-2.70	0.80
43	3.60	-1.80	2.80	4.49	4.20	14.27	12.16	-0.70	-2.10	0.60
44	3.90	-3.90	3.50	4.30	4.30	12.14	10.77	-0.30	-1.20	0.60
45	3.80	-4.80	4.10	3.90	4.20	10.16	9.36	0.00	0.80	0.60
46	3.60	-5.60	4.10	0.60	3.90	8.37	7.47	-0.50	0.80	0.60
47	3.90	-6.10	4.40	-0.00	3.70	6.69	5.09	-0.50	1.70	0.60
48	6.20	-5.50	5.00	-0.70	3.40	4.99	2.00	0.00	3.40	0.60
49	6.10	-4.70	5.55	-0.50	2.65	3.80	1.00	0.20	4.35	0.60
50										

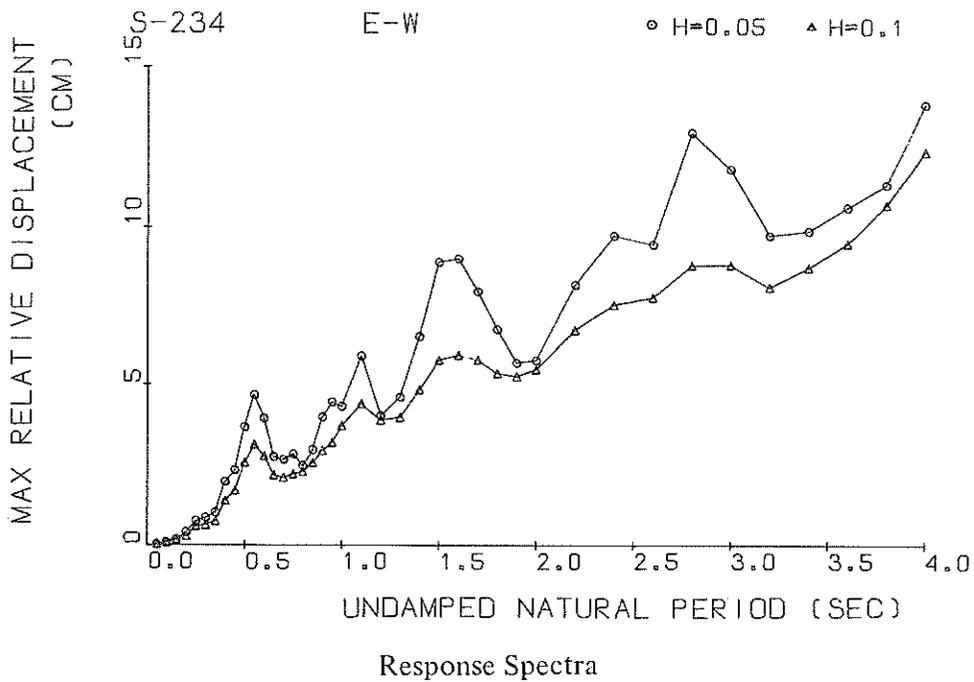
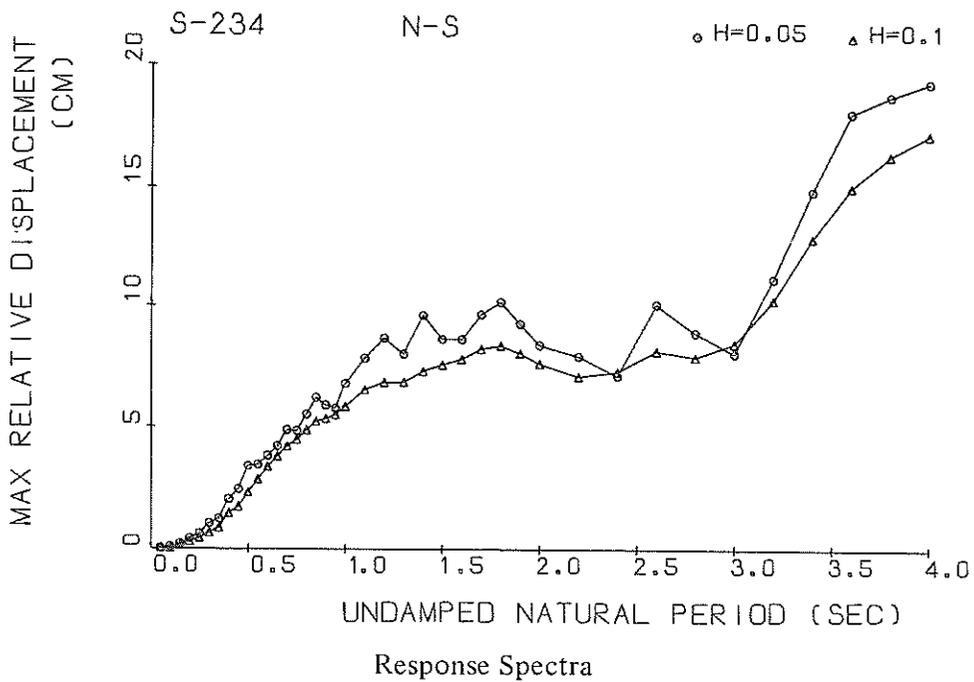




Response Spectra



Response Spectra



RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-234 N=5 1968, 5.16, 9.49 1968-TOKACHIOKI  
 STATION = MURUTAN-S INPUT SIGNAL = GR, ACC,  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC, ERR,  
 TIME LENGTH = 29.990(SEC) SKIPPED LENGTH = 20.500(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC. = 204.57(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.070	1.013	207.27	115.68	0.946	0.0131
0.100	1.013	268.61	197.31	3.026	0.0677
0.120	1.040	335.40	286.37	7.186	0.1920
0.200	2.003	409.72	367.48	10.763	0.4152
0.270	1.861	380.78	367.86	13.305	0.5992
0.300	2.204	450.88	411.22	20.704	1.0196
0.320	1.925	393.88	393.25	20.311	1.2158
0.400	2.431	497.40	428.94	26.797	2.0065
0.420	2.322	475.01	490.83	34.777	2.4257
0.500	2.038	539.66	608.00	44.489	3.4016
0.570	2.206	451.34	535.01	41.042	3.4394
0.600	2.059	421.16	455.93	44.578	3.8235
0.620	1.932	395.23	450.53	40.247	4.2067
0.700	1.925	393.85	460.29	42.676	4.8595
0.750	1.066	340.90	409.97	39.377	4.8294
0.800	1.071	341.91	407.44	41.668	5.5082
0.820	1.061	339.89	397.98	42.359	6.1851
0.900	1.407	287.93	338.97	40.154	5.8731
0.920	1.234	252.52	303.69	36.759	5.7428
1.000	1.016	259.16	314.35	42.549	6.7800
1.100	1.255	256.75	315.95	47.134	7.8309
1.200	1.166	238.61	290.14	49.542	8.6546
1.300	0.920	188.26	268.55	45.262	8.0051
1.400	0.951	194.62	306.14	50.027	9.6183
1.500	0.744	152.30	292.04	38.773	8.6190
1.600	0.654	133.84	273.26	35.935	8.6174
1.700	0.651	133.11	274.72	37.075	9.6649
1.800	0.610	124.89	284.48	34.991	10.1766
1.900	0.498	101.79	279.77	31.238	9.2585
2.000	0.406	83.00	264.77	29.615	8.3741
2.200	0.319	65.18	248.16	28.530	7.9329
2.400	0.241	49.23	226.38	23.525	7.1249
2.600	0.292	59.64	236.28	28.834	10.1103
2.800	0.222	45.50	226.18	27.436	8.9290
3.000	0.175	35.90	210.62	20.480	8.0783
3.200	0.214	43.81	210.30	23.979	11.2333
3.400	0.252	51.61	219.13	31.244	14.9467
3.600	0.273	55.91	227.01	33.369	18.1885
3.800	0.254	52.01	226.29	33.427	18.8974
4.000	0.238	48.66	223.96	31.372	19.4928

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-234 N=5 1968. 5.16. 9.49 1968-TOKACHIOKI  
 STATION = MUKUTAN=S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 29.990(SEC) SKIPPED LENGTH = 20.500(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 204.57(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.005	205.62	106.48	0.926	0.0130
0.100	1.108	226.58	161.80	2.288	0.0057
0.150	1.203	246.09	187.20	4.970	0.1387
0.200	1.408	287.95	278.97	7.192	0.2867
0.250	1.671	280.53	267.65	9.405	0.4372
0.300	1.430	292.50	286.02	13.600	0.6544
0.350	1.668	279.78	331.41	15.566	0.8510
0.400	1.783	364.68	339.28	19.565	1.4535
0.450	1.649	367.27	370.19	23.431	1.7021
0.500	1.824	373.21	441.54	29.272	2.6082
0.550	1.841	376.60	419.11	32.566	2.8396
0.600	1.838	375.96	396.81	34.310	3.3656
0.650	1.774	362.83	407.63	34.254	3.8040
0.700	1.693	346.39	404.88	34.726	4.2024
0.750	1.577	322.57	388.51	34.669	4.4837
0.800	1.506	308.04	375.56	34.569	4.8719
0.850	1.427	291.99	356.73	35.469	5.2135
0.900	1.301	266.14	327.18	36.452	5.6312
0.950	1.203	246.16	303.90	36.771	5.4958
1.000	1.151	235.42	289.38	38.694	5.8276
1.100	1.062	217.34	261.08	42.311	6.5256
1.200	0.936	191.44	242.55	44.476	6.8310
1.300	0.798	163.19	252.84	46.677	6.8552
1.400	0.727	148.82	266.20	42.714	7.3055
1.500	0.668	136.63	269.09	38.571	7.5739
1.600	0.607	124.14	266.67	35.909	7.8128
1.700	0.567	115.97	266.07	34.615	8.2331
1.800	0.517	105.70	264.46	32.679	8.6791
1.900	0.446	91.17	261.71	28.921	8.0658
2.000	0.380	77.72	255.26	27.150	7.6348
2.200	0.288	58.87	242.11	26.279	7.1187
2.400	0.251	51.43	260.49	26.864	7.6119
2.600	0.242	49.47	228.65	24.752	8.1891
2.800	0.204	41.74	222.94	26.656	7.9590
3.000	0.192	39.21	215.51	22.658	8.5358
3.200	0.204	41.66	214.14	24.268	10.6617
3.400	0.227	46.38	217.33	27.180	13.0032
3.600	0.236	48.38	220.66	28.765	15.1734
3.800	0.229	46.76	221.42	28.681	16.4900
4.000	0.215	44.07	220.86	27.850	17.6739

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-264 E-W 1968, 5.16, 9.49 1968-TOKACHIOKI  
 STATION = MURUTAN-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 29.990(SEC) SKIPPED LENGTH = 20.500(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 135.10(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.020	2.425	327.28	201.62	1.689	0.0206
0.100	2.427	327.88	223.64	3.601	0.0822
0.120	2.295	310.12	234.45	5.726	0.1747
0.200	2.849	384.94	397.62	12.126	0.3905
0.220	3.462	467.76	366.92	15.108	0.7384
0.300	2.701	364.84	322.32	16.105	0.8314
0.320	2.397	323.79	295.61	16.433	0.9991
0.400	3.255	430.23	407.54	26.037	1.9402
0.420	3.346	431.99	477.74	29.531	2.3042
0.500	4.294	580.14	530.28	43.787	3.6536
0.520	4.517	610.21	669.39	50.285	4.6480
0.600	3.192	431.28	497.91	43.706	3.9138
0.620	1.896	256.14	343.11	31.400	2.7237
0.700	1.377	213.10	290.36	25.787	2.6268
0.720	1.463	197.68	281.58	25.276	2.7958
0.800	1.115	150.70	224.13	22.470	2.4339
0.820	1.189	160.68	204.97	25.603	2.9286
0.900	1.428	192.91	245.35	31.396	3.9405
0.920	1.443	194.88	264.80	31.880	4.4242
1.000	1.264	170.73	239.17	27.895	4.2946
1.100	1.427	192.73	238.96	35.315	5.8778
1.200	0.819	110.63	243.24	22.405	3.9974
1.300	0.798	107.81	240.42	25.790	4.5671
1.400	0.972	131.32	243.68	29.301	6.4794
1.500	1.153	155.78	263.86	39.191	8.8395
1.600	1.026	138.61	234.05	38.148	8.9446
1.700	0.805	108.77	205.12	35.215	7.9018
1.800	0.609	82.23	193.41	31.740	6.6975
1.900	0.463	62.52	180.23	26.387	5.6487
2.000	0.424	57.23	175.74	24.754	5.7236
2.200	0.494	66.74	177.29	31.050	8.1326
2.400	0.497	67.17	148.83	33.768	9.7018
2.600	0.410	55.41	149.50	30.413	9.4188
2.800	0.486	65.63	153.42	31.163	12.9431
3.000	0.387	52.28	152.18	27.941	11.8120
3.200	0.279	37.74	138.94	24.060	9.7217
3.400	0.254	34.34	133.60	18.675	9.8734
3.600	0.240	32.49	137.68	22.567	10.6130
3.800	0.231	31.17	135.68	25.777	11.3380
4.000	0.255	34.48	139.57	26.812	13.8458

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

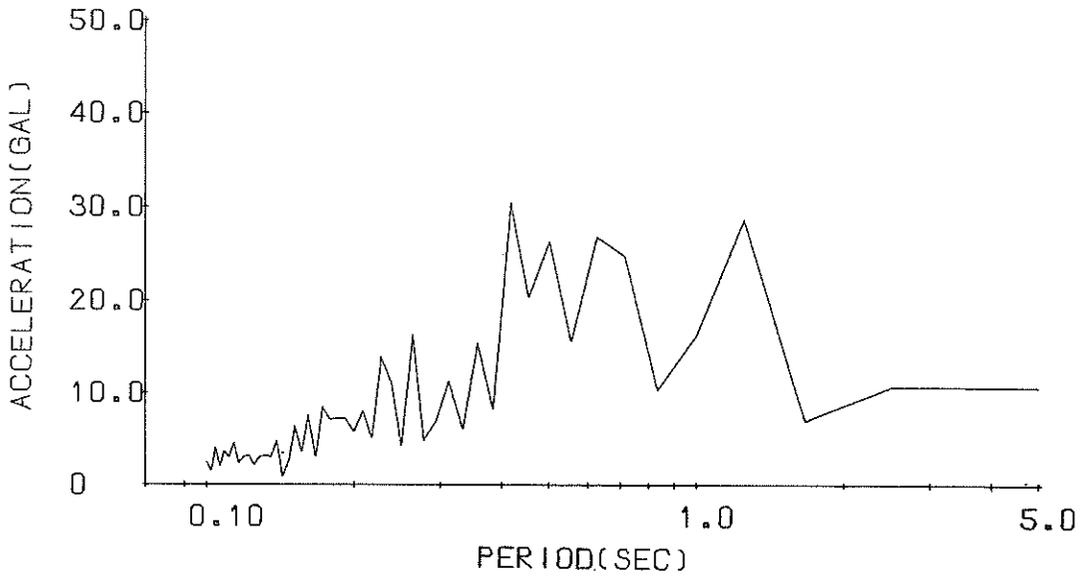
RECORD = S-264 E-W 1968, 5.16, 9.49 1968-TOKACHIOKI  
 STATION = MURUTAN-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR,  
 TIME LENGTH = 29.990(SEC) SKIPPED LENGTH = 20.500(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 132.10(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.020	2.231	301.46	175.80	1.575	0.0188
0.100	2.205	297.93	209.62	5.341	0.0742
0.120	2.112	285.30	228.52	5.032	0.1592
0.200	2.068	279.36	287.73	8.210	0.2777
0.220	2.768	373.99	273.14	11.890	0.5830
0.300	2.048	276.65	280.89	12.505	0.6201
0.320	1.811	244.65	306.97	13.328	0.7458
0.400	2.532	342.03	301.39	17.659	1.6647
0.420	2.467	333.26	372.72	21.861	1.6806
0.500	3.029	409.21	369.77	29.583	2.5464
0.520	3.075	415.45	474.36	33.654	3.1109
0.600	2.290	309.35	397.48	30.185	2.7599
0.620	1.532	206.95	320.95	23.844	2.1580
0.700	1.265	170.95	249.99	22.297	2.0822
0.720	1.153	155.75	229.58	22.356	2.1809
0.800	1.049	141.74	207.62	22.285	2.2643
0.820	1.041	140.57	191.96	23.493	2.3370
0.900	1.075	145.21	198.87	25.504	2.9225
0.920	1.045	141.13	204.77	25.151	3.1681
1.000	1.098	148.35	214.06	23.512	3.6880
1.100	1.076	145.39	220.40	25.280	4.3728
1.200	0.801	108.19	223.31	22.191	3.8639
1.300	0.706	95.32	227.37	21.572	3.9488
1.400	0.751	101.48	234.10	21.598	4.8210
1.500	0.776	104.86	236.95	25.014	5.7387
1.600	0.695	93.87	221.82	26.578	5.9064
1.700	0.594	80.25	199.41	26.943	5.7602
1.800	0.496	66.98	178.98	27.202	5.3549
1.900	0.436	58.95	167.82	25.898	5.2487
2.000	0.413	55.77	165.59	25.578	5.4670
2.200	0.417	56.33	161.70	28.252	6.6914
2.400	0.397	53.57	144.54	29.427	7.5107
2.600	0.346	46.79	141.91	27.699	7.7402
2.800	0.337	45.51	137.88	24.706	8.7648
3.000	0.297	40.07	137.53	22.579	8.7845
3.200	0.235	31.75	134.51	18.500	8.0981
3.400	0.225	30.33	133.44	17.750	8.7101
3.600	0.220	29.73	134.38	19.459	9.4924
3.800	0.224	30.26	133.78	20.454	10.7215
4.000	0.235	31.77	133.19	21.335	12.4132

S-234 N-S

TSK=43.00

TUS=5.00

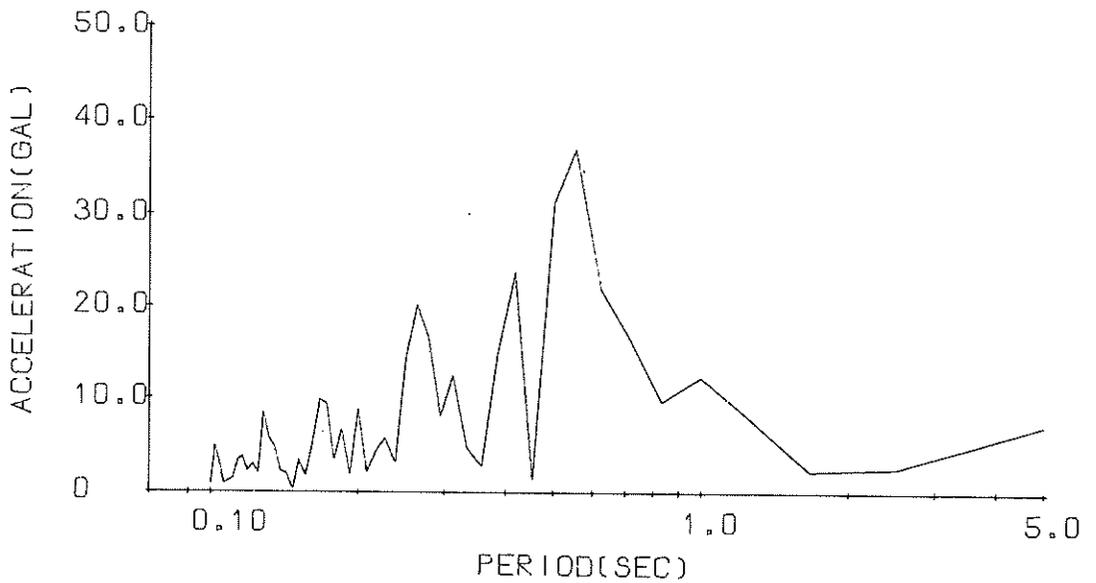


Fourier Spectrum

S-234 E-W

TSK=30.00

TUS=5.00



Fourier Spectrum

FOURIER ANALYSIS

RECORD=S-234 COMPONENT=N-S SIGNAL=GR.ACC. STATION=MURORAN-S  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OXI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 9000 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 4300

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=((AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU:	AM	BM	CM
1	5.0000	0.2000	0.9766901E 001	0.4162368E 001	0.1061410E 002
2	2.5000	0.4000	-0.1051068E 002	-0.1743491E 001	0.1065430E 002
3	1.6667	0.6000	0.3842596E 001	-0.5743397E 001	0.6915170E 001
4	1.2500	0.8000	0.1420021E 002	0.2492149E 002	0.2870928E 002
5	1.0000	1.0000	-0.1464758E 002	-0.7022218E 001	0.1624387E 002
6	0.8333	1.2000	0.9729447E 001	-0.2875935E 001	0.1033783E 002
7	0.7143	1.4000	0.1449555E 002	0.2002966E 002	0.2474860E 002
8	0.6250	1.6000	-0.8249138E 001	-0.2251499E 002	0.2681535E 002
9	0.5556	1.8000	0.1457588E 002	-0.5627265E 001	0.1562595E 002
10	0.5000	2.0000	-0.1083812E 002	0.2595276E 002	0.2629979E 002
11	0.4545	2.2000	0.4209416E 001	-0.2032714E 002	0.2035719E 002
12	0.4167	2.4000	-0.1721190E 002	0.2215180E 002	0.3047725E 002
13	0.3846	2.6000	0.7259887E 001	-0.3834239E 001	0.8210197E 001
14	0.3571	2.8000	-0.6777031E 001	0.1382701E 002	0.1539852E 002
15	0.3333	3.0000	-0.4250266E 001	0.4283695E 001	0.6038013E 001
16	0.3125	3.2000	-0.8413070E 001	-0.7275010E 001	0.1322147E 002
17	0.2941	3.4000	0.8614937E 000	-0.6662165E 001	0.6919006E 001
18	0.2778	3.6000	0.6051020E 001	-0.3883241E 001	0.4780470E 001
19	0.2632	3.8000	0.1130999E 002	0.1183016E 002	0.1336669E 002
20	0.2500	4.0000	0.4104994E 000	-0.4235716E 001	0.4256556E 001
21	0.2381	4.2000	0.8464271E 001	-0.7354550E 001	0.1121331E 002
22	0.2273	4.4000	-0.4455671E 001	0.1315937E 002	0.1389324E 002
23	0.2174	4.6000	0.4761785E 001	0.1727410E 001	0.5065426E 001
24	0.2083	4.8000	-0.6253919E 001	0.5012812E 001	0.8014973E 001
25	0.2000	5.0000	-0.1820545E 001	-0.5414956E 001	0.5712804E 001
26	0.1923	5.2000	-0.6684630E 001	0.3219156E 001	0.7150009E 001
27	0.1852	5.4000	0.6836425E 001	-0.2213606E 001	0.7185901E 001
28	0.1786	5.6000	0.7019167E 001	0.7669664E 000	0.7060934E 001
29	0.1724	5.8000	-0.8868545E 000	0.8403624E 001	0.8455262E 001
30	0.1667	6.0000	-0.2096665E 001	-0.2183273E 001	0.3022751E 001

FOURIER ANALYSIS

RECORDS=234 COMPONENT=N=S SIGNAL=GR,ACC. STATION=MURORAN=S  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OKI CORRECTION=ARC.ERR. SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 9000 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1. MMAX = 50  
 DATA SKIPPED = 4300

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 GM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	GM
31	0.1613	6.2000	0.2828873E 001	-0.6944899E 001	0.7498943E 001
32	0.1562	6.4000	0.2220617E 001	-0.2713551E 001	0.3510844E 001
33	0.1515	6.6000	0.5400062E 001	0.3655310E 001	0.6346934E 001
34	0.1471	6.8000	0.6616095E-001	0.2579170E 001	0.2580018E 001
35	0.1429	7.0000	0.4705055E 000	0.7708245E 000	0.9030758E 000
36	0.1389	7.2000	-0.6157558E 001	0.3562474E 001	0.4760385E 001
37	0.1351	7.4000	0.2631800E 001	-0.1841255E 001	0.2971111E 001
38	0.1316	7.6000	-0.3125898E 001	0.3053501E 000	0.5140767E 001
39	0.1282	7.8000	0.1596385E 001	0.2515086E 001	0.2979788E 001
40	0.1250	8.0000	-0.2038154E 001	0.4757752E 000	0.2092948E 001
41	0.1220	8.2000	0.3033999E 001	0.9700339E 000	0.3185297E 001
42	0.1190	8.4000	0.2959886E 001	0.3443275E 000	0.2379812E 001
43	0.1163	8.6000	0.2622400E 001	-0.1002822E 000	0.2324564E 001
44	0.1136	8.8000	-0.4528095E 001	-0.1613899E 000	0.4530991E 001
45	0.1111	9.0000	0.2046499E 001	0.2091897E 001	0.2926464E 001
46	0.1087	9.2000	0.5616768E 001	0.4726756E-001	0.3614077E 001
47	0.1064	9.4000	0.5801924E 000	-0.2019445E 001	0.2054922E 001
48	0.1042	9.6000	-0.3572741E 001	0.1752925E 001	0.5379601E 001
49	0.1020	9.8000	0.1516972E 001	0.7750568E 000	0.1527104E 001
50	0.1000	10.0000	-0.2424844E 001	-0.2604715E 000	0.2438879E 001

FOURIER ANALYSIS

RECORDS=234 COMPONENT=E-W SIGNAL=GR,ACC. CORRECTION=ARG,ERR. STATION=HURORAN#S  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 9000 DATA USED = 3000 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 3000

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM#(AM\*\*2+BM\*\*2)\*\*0.5

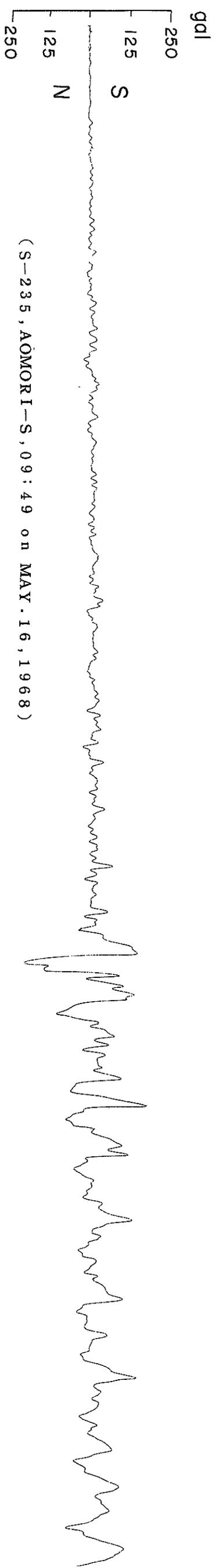
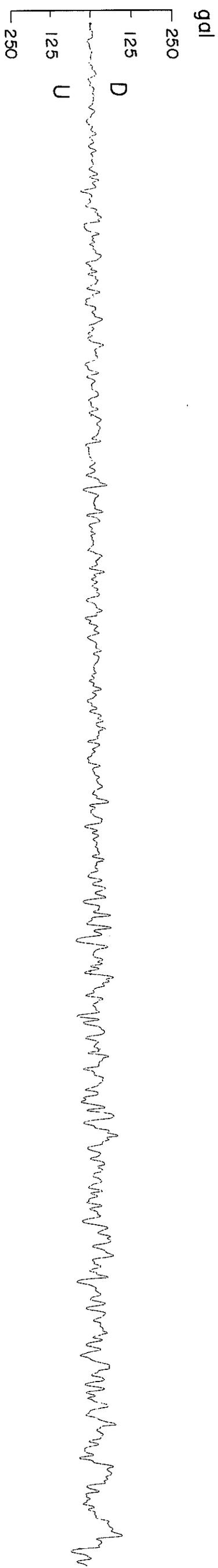
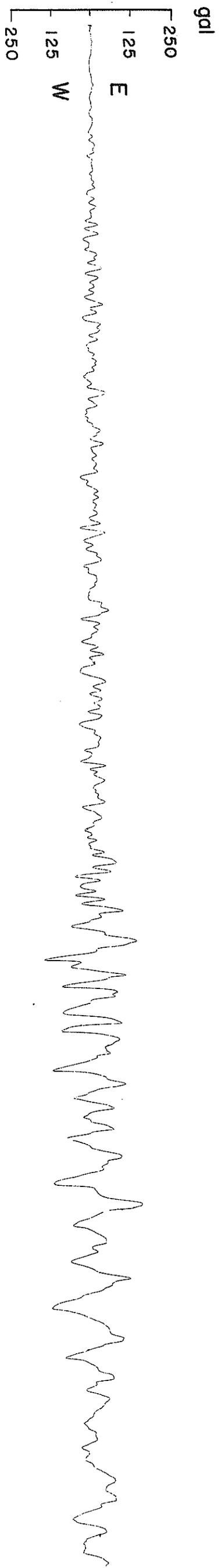
M	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	0.3802503E 001	0.6067060E 001	0.7160185E 001
2	2.5000	0.4000	0.2133519E 001	0.1233662E 001	0.2299303E 001
3	1.6667	0.6000	0.99771925E 000	0.2113932E 001	0.2337328E 001
4	1.2500	0.8000	0.8025892E 001	-0.7242375E 000	0.8058502E 001
5	1.0000	1.0000	0.9971525E 001	-0.7176814E 001	0.1228568E 002
6	0.8333	1.2000	0.7987135E 001	0.5403785E 001	0.9643402E 001
7	0.7143	1.4000	0.1513675E 002	-0.7198122E 001	0.1676109E 002
8	0.6250	1.6000	0.1560778E 002	-0.1233036E 002	0.2191252E 002
9	0.5556	1.8000	0.3680688E 002	-0.2053119E 001	0.3686410E 002
10	0.5000	2.0000	0.3085376E 002	0.4201387E 001	0.3113850E 002
11	0.4545	2.2000	0.1427518E 001	-0.3668230E 000	0.1466625E 001
12	0.4167	2.4000	0.2229060E 002	-0.8067701E 001	0.2370567E 002
13	0.3846	2.6000	0.1454541E 002	-0.2832334E 001	0.1481867E 002
14	0.3571	2.8000	0.2021432E 001	0.1987781E 001	0.2835041E 001
15	0.3333	3.0000	0.3668367E 001	0.3472743E 001	0.4837958E 001
16	0.3125	3.2000	0.1247814E 002	0.4948662E 000	0.1248794E 002
17	0.2941	3.4000	0.3947678E 001	0.7143702E 001	0.5161902E 001
18	0.2778	3.6000	0.1679632E 002	0.7657851E 000	0.1681377E 002
19	0.2632	3.8000	0.4128948E 001	0.1974151E 002	0.2016868E 002
20	0.2500	4.0000	0.1274962E 002	0.6452693E 001	0.1428951E 002
21	0.2381	4.2000	0.2038129E 001	-0.2455533E 001	0.3191178E 001
22	0.2273	4.4000	0.7595132E 000	0.5743774E 001	0.5799720E 001
23	0.2174	4.6000	0.1749236E 000	-0.4329072E 001	0.4332604E 001
24	0.2083	4.8000	0.5324339E 000	0.2099535E 001	0.2166687E 001
25	0.2000	5.0000	0.4944823E 001	0.7324379E 001	0.8837296E 001
26	0.1923	5.2000	0.1930928E 001	0.4382322E 000	0.1980038E 001
27	0.1852	5.4000	0.2609630E 001	-0.6187374E 001	0.6715189E 001
28	0.1786	5.6000	0.2622725E 001	-0.2320898E 001	0.3502179E 001
29	0.1724	5.8000	0.4947967E 001	0.8023038E 001	0.9426108E 001
30	0.1667	6.0000	0.7445258E 001	-0.6451090E 001	0.9851316E 001

FOURIER ANALYSIS

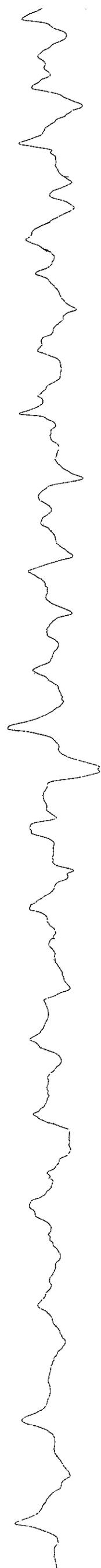
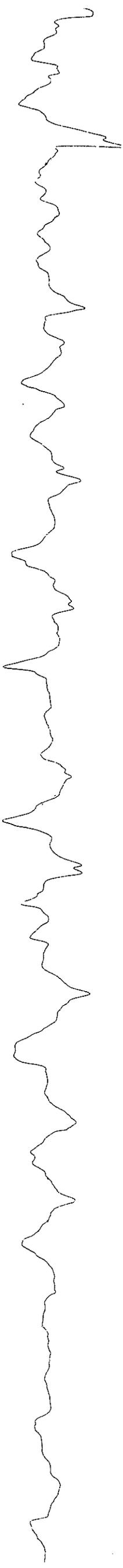
RECORD=S-234 COMPONENT=E-W SIGNAL=GR,ACC. CORRECTION=ARC,ERR. STATION=HURORAN-S  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 9000 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 3000

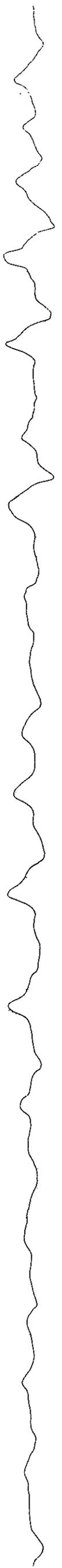
NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	-0.5229080E 000	0.5154644E 001	0.5181099E 001
32	0.1562	6.4000	0.1798805E 001	0.2793944E 000	0.1820328E 001
33	0.1515	6.6000	-0.8294457E-001	-0.3462991E 001	0.3463984E 001
34	0.1471	6.8000	-0.7700 40E-001	0.3330961E 000	0.3418813E 000
35	0.1429	7.0000	0.8501287E 000	-0.1923766E 001	0.2105064E 001
36	0.1389	7.2000	-0.2087966E 001	0.8273284E 000	0.2245972E 001
37	0.1351	7.4000	-0.4688412E 001	-0.1044841E 001	0.4803425E 001
38	0.1316	7.6000	-0.4891268E 001	0.3237037E 001	0.5865400E 001
39	0.1282	7.8000	0.5603957E 001	0.6637346E 001	0.8496254E 001
40	0.1250	8.0000	-0.1296911E 001	-0.1613299E 001	0.2068077E 001
41	0.1220	8.2000	-0.1192822E 001	0.2833898E 001	0.3074704E 001
42	0.1190	8.4000	0.2248800E 001	-0.1079782E 000	0.2251391E 001
43	0.1163	8.6000	0.3646141E 001	0.1269145E 001	0.3860708E 001
44	0.1136	8.8000	0.5559396E 001	0.8049137E 000	0.3451117E 001
45	0.1111	9.0000	0.1331937E 001	0.5963771E 000	0.1459356E 001
46	0.1087	9.2000	0.1124528E 001	0.3401972E 000	0.1174860E 001
47	0.1064	9.4000	-0.9402572E 000	0.2927405E 000	0.9736331E 000
48	0.1042	9.6000	0.6429559E-001	0.3545676E 001	0.3646293E 001
49	0.1020	9.8000	0.4918732E 001	-0.6714961E 000	0.4964356E 001
50	0.1000	10.0000	0.2866056E 000	-0.8013918E 000	0.8500947E 000



(S-235, AQMORI-S, 09:49 on MAY. 16, 1968)







RECONU=S-235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR.AUC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CORRECTION=ARC.ERR.  
 FORMAT NO.=301  
 STATION=AOMORI-S  
 TOTAL NUMBER OF DATA=13800

NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	U.	2.40	-1.90	-0.50	-3.90	-2.20	-1.90	-1.20	-0.10	5.67
2	U.00	2.30	-2.10	-0.50	-4.50	-2.20	-1.80	-1.40	1.50	1.50
3	U.40	1.90	-2.20	-0.60	-4.50	-1.60	-1.20	0.	-2.30	-0.00
4	U.70	1.20	-2.10	-0.60	-4.40	-0.60	-0.70	0.00	-2.80	-0.60
5	U.50	0.60	-2.20	-0.60	-4.40	1.30	-0.70	3.31	-3.20	-3.30
6	U.80	0.00	-2.20	-0.60	-4.40	1.50	-0.70	5.61	-3.20	-4.10
7	U.80	0.40	-1.80	-0.60	-4.40	2.40	-0.70	6.70	-3.10	-4.79
8	U.70	0.80	-1.80	-0.60	-4.50	3.10	-0.50	6.99	-3.20	-2.10
9	U.70	1.10	-1.80	-0.90	-4.40	3.10	-0.20	6.50	-3.10	-1.50
10	U.70	1.50	-1.80	-0.90	-4.50	2.50	-0.30	5.20	-3.20	-0.60
11	U.70	1.50	-1.70	-1.20	-4.10	1.90	0.	5.79	-2.30	3.60
12	U.90	1.10	-1.50	-1.60	-3.60	0.50	0.	4.80	-0.70	3.60
13	U.90	0.80	-1.00	-1.50	-3.10	-0.00	0.00	4.00	-0.50	5.41
14	U.90	0.30	-0.50	-1.50	-3.10	-2.60	0.50	3.80	0.00	6.80
15	U.60	0.	0.	-1.90	-2.80	-5.60	1.00	3.80	0.00	7.31
16	U.70	0.00	U.00	-1.90	-2.80	-3.70	1.60	3.70	0.10	8.01
17	U.90	0.20	U.30	-2.10	-1.90	-3.80	1.90	2.20	0.00	8.61
18	U.10	0.40	U.70	-1.80	-0.80	-2.50	3.00	1.50	-1.80	8.98
19	U.90	0.30	U.70	-1.10	0.00	-1.50	3.50	0.40	-3.20	7.69
20	U.70	0.30	U.70	-0.50	1.00	-0.60	3.50	-0.00	-3.80	6.58
21	U.70	0.	U.70	0.00	4.40	0.10	3.30	0.10	-4.40	4.39
22	U.40	0.00	U.70	0.10	5.30	1.10	3.30	-3.70	-4.40	2.60
23	U.00	0.20	U.40	0.40	5.30	2.70	3.70	-4.40	-3.90	0.50
24	U.80	0.80	0.40	0.60	5.30	2.0	5.00	-3.90	-2.60	-3.20
25	U.60	1.20	U.40	0.60	5.10	2.80	5.80	-3.00	-2.60	-4.20
26	U.10	1.70	U.10	0.60	4.20	3.80	6.30	-2.90	-1.50	-4.09
27	U.10	1.80	U.10	0.60	3.10	4.00	6.20	-1.50	-0.50	-2.70
28	U.70	1.70	U.	0.30	1.20	4.10	6.00	-0.70	-0.10	-1.00
29	U.70	1.40	U.	0.40	-0.00	3.70	5.49	-0.20	-0.10	-0.50
30	U.10	0.70	0.	0.40	-1.50	2.00	3.89	0.10	-0.10	0.
31	U.	0.20	0.	0.10	-3.90	1.80	1.00	0.40	-0.20	0.
32	U.	0.60	0.	0.00	-3.60	1.40	0.00	1.60	-0.50	-0.00
33	U.	1.00	0.	0.10	-3.10	0.20	-0.40	1.20	-0.50	0.60
34	U.30	1.70	0.	-0.00	-2.50	-0.00	-0.90	0.90	-1.10	-2.00
35	U.60	1.70	0.	-0.30	-1.90	-0.70	-1.30	0.60	-1.60	-6.20
36	U.60	1.80	0.	-0.80	-1.40	-0.70	-1.30	0.40	-2.80	-6.71
37	U.100	1.90	0.	-0.80	-1.40	-0.10	-1.30	0.	-4.10	-7.30
38	U.30	1.90	-0.00	-1.50	-0.90	0.00	-0.50	0.	-4.10	-7.60
39	U.20	1.60	-1.30	-2.70	-0.30	0.60	0.00	0.00	-4.10	-7.60
40	U.10	1.10	-1.90	-2.70	-1.20	1.40	0.00	0.30	-3.20	-7.40
41	U.70	0.60	-2.40	-1.90	-1.90	1.40	1.90	0.30	-3.20	-7.40
42	U.50	0.60	-2.40	-3.30	-2.20	1.40	2.70	1.00	-1.40	-7.00
43	0.	0.10	-2.40	-3.30	-2.20	0.90	3.60	2.00	0.00	-6.69
44	0.20	0.20	-2.40	-3.30	-2.50	0.30	3.60	4.60	0.60	-6.00
45	1.40	1.10	-1.90	-3.50	-3.90	-1.50	4.30	4.60	2.40	-5.59
46	1.60	1.60	-1.70	-3.50	-3.90	-3.90	3.90	4.60	8.31	-4.79
47	1.80	1.90	-1.50	-3.90	-5.40	-5.40	2.70	3.90	4.60	-8.69
48	2.30	1.90	-1.00	-3.30	-4.99	-4.99	1.90	3.90	8.00	-1.00
49	1.90	1.90	-0.70	-4.80	-3.70	-3.70	0.00	2.60	7.69	-0.70
50	2.35	1.90	-0.60	-3.50	-2.80	-2.80	-0.60	1.25	6.79	-0.10

RECORD=5-235 STATION=ADMOPITS  
 DATE AND TIME=1968. 5.16, 9.49 SIGNAL=4R\*ACU. CORRECTION=ARC.ERR. TOTAL NUMBER OF DATA=13800  
 COMPONENT=N\*S SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=331

NO.	( 500)	( 550)	( 600)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	-0.00	-0.00	-3.50	-2.00	-2.91	-6.51	0.40	-0.80	12.21	4.82
2	-0.70	0.30	-1.40	-1.50	-5.91	-7.70	0.40	-0.30	9.45	8.11
3	-1.70	0.80	-1.20	-0.20	-6.69	-7.49	0.40	0.00	7.07	9.01
4	-3.10	-1.30	-0.60	1.70	-5.99	-6.79	1.00	0.40	3.89	9.61
5	-5.10	-1.30	-1.30	0.90	-5.00	-6.10	1.90	0.80	0.40	10.19
6	-5.91	-1.30	-3.90	9.20	-5.40	-5.60	6.12	-0.00	-1.70	9.88
7	-6.71	-1.00	-4.71	9.19	-4.90	-5.00	8.41	-0.90	-4.62	8.99
8	-7.40	0.00	-7.81	8.69	-4.50	-4.60	9.12	-2.20	-8.72	8.19
9	-7.30	0.20	-6.62	7.77	-5.21	-5.70	10.31	-3.11	-10.11	7.79
10	-7.38	0.60	-9.93	5.28	-2.10	-6.53	10.79	-6.72	-10.62	7.20
11	-6.68	-2.91	-11.42	2.50	-1.00	-10.27	10.26	-8.52	-11.52	6.79
12	-2.70	-6.33	-12.24	1.50	0.00	-13.59	8.35	-9.92	-12.12	5.99
13	-0.10	-9.97	-13.42	0.60	1.90	-16.07	4.89	-10.72	-12.73	4.49
14	2.10	-13.34	-13.88	0.	7.93	-20.81	3.80	-11.58	-10.75	3.30
15	4.22	-14.28	-13.67	0.00	10.04	-21.98	4.20	-10.86	-8.68	2.30
16	10.74	-13.78	-12.45	-0.70	11.84	-23.81	5.02	-9.19	-7.59	1.40
17	12.43	-13.23	-10.90	-1.50	13.12	-23.38	9.13	-3.30	-6.79	1.90
18	13.21	-11.27	-9.96	-1.90	13.72	-20.91	10.84	-2.00	-5.98	2.30
19	10.56	-10.32	-2.79	0.50	14.12	-19.50	12.54	-1.00	-3.90	2.40
20	12.54	-11.12	1.90	0.00	14.62	-13.85	16.64	-0.10	-3.30	1.90
21	10.60	-11.83	3.10	1.20	14.98	-12.08	17.35	0.00	-5.31	0.70
22	6.60	-12.79	2.40	1.90	14.47	-12.08	19.53	1.90	-6.41	-0.00
23	6.08	-12.38	1.70	2.40	13.85	-13.28	19.77	2.20	-7.63	-0.80
24	3.89	-11.69	-0.00	3.49	12.77	-9.69	18.17	2.60	-9.71	-1.90
25	2.10	-11.17	-0.60	3.20	11.71	-9.41	16.35	2.00	-10.35	-3.90
26	2.00	-10.06	-2.40	2.40	8.89	-9.93	13.86	1.20	-12.61	-4.40
27	1.50	-8.99	-6.50	2.00	8.14	-11.27	12.88	0.80	-12.83	-5.00
28	1.70	-1.90	-2.80	1.60	3.99	-13.70	12.18	-0.00	-13.68	-4.60
29	1.80	-1.50	0.	0.80	1.40	-16.04	11.51	-0.40	-13.08	-3.50
30	1.90	-1.70	0.00	1.90	1.40	-16.76	11.91	-0.80	-12.58	-2.80
31	1.90	-3.10	1.90	2.90	-3.00	-17.63	12.11	-1.20	-11.98	-2.30
32	1.90	-4.71	3.32	3.40	-3.90	-16.32	12.72	-1.70	-11.35	-1.70
33	1.90	-6.71	9.96	6.60	-5.09	-15.17	13.42	-1.90	-6.07	0.00
34	1.10	-7.69	11.46	3.60	-4.00	-14.56	13.91	-2.10	-2.20	0.20
35	1.00	-6.79	13.42	3.80	-3.59	-13.63	14.19	-2.70	-1.70	1.00
36	-0.70	-5.79	13.88	3.80	-1.70	-9.56	13.79	-1.80	-1.80	1.80
37	-1.70	-4.10	13.34	3.91	-0.50	-7.38	11.23	-1.20	-1.90	2.40
38	-2.70	-3.70	11.75	3.72	0.80	-5.98	8.74	0.	-2.30	1.40
39	-3.91	-3.20	8.22	3.22	1.91	-3.90	5.08	0.00	-3.10	0.40
40	-5.61	-2.70	7.69	9.34	8.64	-2.40	2.20	1.10	-3.50	0.00
41	-6.42	-2.00	11.74	11.02	11.02	-1.80	-0.40	1.60	-4.40	-1.00
42	-8.49	-0.70	8.58	13.06	11.61	-1.40	-1.90	4.83	-4.70	-1.60
43	-7.96	0.00	7.27	14.65	12.12	-0.70	-3.51	10.56	-5.00	-2.50
44	-4.79	0.60	4.20	15.37	12.76	-0.20	-5.91	11.61	-4.40	-1.60
45	-3.30	0.30	2.89	14.90	11.55	0.	-6.71	12.18	-3.69	-1.30
46	-2.00	-1.30	0.00	12.80	9.01	-7.40	14.52	0.00	-0.90	-0.90
47	0.00	-1.70	9.96	5.37	5.37	0.40	-6.99	14.86	0.40	-0.50
48	0.40	-2.70	7.95	-0.00	0.40	0.40	-5.90	14.09	1.00	-0.10
49	1.20	-3.50	-0.70	6.99	-1.50	0.40	-5.28	13.77	2.30	0.00
50	0.60	-3.40	-2.85	0.54	-4.01	0.40	-3.04	13.02	3.55	-0.50

RECORD#S-235 DATE AND TIME=1968. 5.16. 9.49	COMPONENT=N+S	SIGNAL=GR,ACC.	CORRECTION=ARC,ERR, FORMAT NO.=301	STATION=ADMORI=S	TOTAL NUMBER OF DATA=13800					
NO.	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	-1.70	1.60	1.80	2.60	-2.00	-0.40	1.40	-13.89	-0.40	4.80
2	-1.70	-1.40	4.90	2.70	-1.20	0.00	-0.00	-13.56	-1.00	4.39
3	-2.00	-2.10	4.90	2.80	-0.70	0.10	-0.30	-12.56	-1.70	1.00
4	-2.50	-2.80	5.00	1.90	0.00	1.70	-0.30	-11.35	-1.90	-0.50
5	-2.90	-2.80	4.20	1.10	0.00	1.10	-0.40	-9.57	-3.30	-3.11
6	-3.90	-0.70	3.00	3.51	1.50	0.00	0.00	-7.85	-3.40	-6.21
7	-4.40	0.40	1.70	-5.61	2.10	0.10	0.10	-4.20	-3.10	-7.01
8	-5.40	3.21	0.50	-7.20	3.20	-0.70	1.20	-3.50	-3.10	-7.95
9	-4.80	5.83	-1.00	-7.29	4.71	0.70	1.70	-1.80	-3.00	-9.81
10	-4.10	9.71	-1.00	-6.29	7.82	-5.43	3.70	-1.80	-2.80	-10.51
11	-3.70	10.40	-2.00	-4.59	9.14	-10.82	6.24	-1.80	-2.30	-10.81
12	-3.40	10.41	-3.31	-2.30	11.61	-11.72	10.74	-2.80	-2.00	-11.10
13	-2.50	10.79	-2.61	-0.10	12.12	-12.95	12.59	-3.90	-1.90	-11.12
14	-2.10	10.29	-7.01	0.20	12.82	-10.71	20.99	-4.60	-1.90	-11.71
15	-1.70	9.77	-8.22	5.40	13.88	-7.06	22.89	-5.40	-1.10	-12.02
16	-2.70	8.34	-9.62	6.20	12.98	-3.10	23.77	-5.49	-0.80	-12.72
17	-3.30	4.40	-10.52	6.40	12.38	-2.50	25.15	-4.59	-1.10	-13.42
18	-3.70	3.90	-11.20	5.98	11.89	-1.70	26.11	-2.80	-0.80	-14.02
19	-4.40	3.30	-11.26	2.80	11.60	-0.90	26.20	-1.60	-1.10	-14.41
20	-3.30	2.40	-8.88	1.50	11.60	-0.90	25.98	-0.80	-1.30	-14.70
21	-1.90	1.90	-8.78	-3.11	11.50	-0.90	23.97	1.80	-1.70	-14.69
22	-1.40	1.90	-7.25	-7.94	11.40	1.50	18.61	1.80	-2.10	-14.42
23	-0.60	1.90	-3.50	-10.73	11.40	-2.10	16.05	8.61	-1.90	-14.80
24	0.00	1.80	-1.50	-11.81	11.50	-3.50	13.35	9.20	-1.40	-14.82
25	4.51	1.80	-12.16	-11.58	11.58	-5.21	11.97	9.20	-1.50	-15.88
26	7.41	2.00	-11.67	10.87	10.87	-7.01	11.09	9.10	-0.10	-16.87
27	8.21	2.10	1.10	-10.46	9.77	-8.14	10.83	9.20	0.	-17.96
28	8.81	2.10	1.00	-8.58	8.07	-11.08	12.03	9.11	0.00	-18.82
29	9.29	2.30	0.60	-7.40	6.29	-10.43	13.06	9.20	2.20	-19.03
30	8.58	2.40	1.10	-7.29	5.90	-7.53	14.78	9.59	3.90	-18.14
31	7.58	2.40	1.60	-6.69	4.60	-1.90	16.50	9.08	5.41	-17.31
32	5.79	2.40	1.90	-6.10	4.00	0.40	16.39	7.99	7.01	-15.90
33	3.89	2.40	1.90	-6.10	3.40	5.55	14.51	7.20	7.81	-14.07
34	2.00	2.40	1.50	-6.10	2.40	12.82	12.45	6.79	8.70	-13.27
35	1.00	2.80	1.00	-6.10	1.50	13.62	8.01	6.18	8.41	-12.48
36	-0.40	2.80	0.40	-6.20	0.60	13.92	1.80	4.29	8.99	-11.89
37	-5.41	2.70	-0.00	-6.30	-0.00	14.28	-3.31	2.80	8.47	-11.50
38	-6.78	2.80	-0.50	-5.89	-0.40	13.85	-8.05	2.00	6.38	-11.41
39	-4.70	2.80	-6.71	-5.00	-2.20	12.63	-11.94	1.00	4.59	-11.41
40	-3.69	2.40	-6.02	-4.10	-2.70	7.87	-16.56	-0.00	2.20	-11.82
41	0.00	2.40	-8.55	-3.10	-3.20	5.49	-19.09	-1.10	-1.40	-12.41
42	1.30	2.40	-11.71	-2.20	4.60	-19.01	-1.50	-2.10	-2.10	-12.78
43	5.30	0.60	-12.24	-2.20	-2.20	-19.06	-1.50	-2.50	-2.50	-12.18
44	9.93	-0.40	-13.42	-1.80	4.40	-18.49	-1.70	-1.00	0.40	-11.50
45	9.91	-1.50	-11.27	-1.80	-1.60	5.11	-17.01	-1.70	1.00	-8.17
46	10.32	-2.40	-10.18	-1.90	-1.60	6.00	-15.58	-1.30	1.70	-5.97
47	11.17	-3.00	-9.07	-2.00	-1.60	6.00	-15.25	-0.70	2.40	-4.70
48	10.16	-1.90	-7.90	-1.20	-1.20	5.89	-14.20	-0.20	3.90	-0.80
49	8.45	-1.10	-6.45	-2.60	-0.80	4.60	-14.30	0.	5.10	0.10
50	5.02	0.35	1.60	-2.50	-0.60	2.85	-14.09	0.	4.95	0.05

NO.	RECORDS=235 DATE AND TIME=1968. 5.16. 9.49										STATION=ADMORI=S TOTAL NUMBER OF DATA=13800		
	( 1900)	( 1550)	( 1600)	( 1700)	( 1750)	( 1800)	( 1850)	( 1900)	( 1950)	( 1950)	( 1950)	( 1950)	( 1950)
	COMPONENT=N=S 5.16. 9.49	SIGNAL=GR+ACC. INTERVAL= 0.010{SEC}	SAMPLING INTERVAL= 0.010{SEC}	CORRECTION=ARCERR: FORMAT NO.#301									
1	0.	8.38	5.21	-8.99	0.00	6.08	-9.89	-5.59	-24.00				
2	-0.00	7.09	7.01	-8.39	-8.11	3.70	-9.45	-4.09	-26.43				
3	-2.50	6.09	7.73	-7.77	-32.41	2.20	-1.90	0.00	-28.51				
4	-3.81	4.80	9.72	-5.20	-12.27	0.00	0.00	1.20	-29.39				
5	-5.80	4.19	10.62	-4.40	-11.38	-0.80	1.40	2.80	-28.12				
6	-5.79	2.70	11.53	-3.70	-13.98	-1.60	4.41	3.30	-25.26				
7	-4.99	2.40	12.43	-4.41	-13.48	-3.30	7.09	2.60	-15.16				
8	-2.40	1.10	13.35	-4.79	-10.25	-4.19	6.49	2.10	-10.39				
9	-2.60	0.50	14.55	-7.01	-8.43	-2.80	5.59	0.60	-5.86				
10	-1.60	0.	15.74	-7.86	-3.79	-1.90	4.80	3.91	0.00				
11	-1.60	0.00	16.57	-6.59	0.00	-0.50	4.10	6.21	4.71				
12	-1.00	-1.00	17.80	-5.70	1.10	0.00	3.59	7.81	6.31				
13	0.	-2.60	19.13	-5.00	2.90	0.30	0.20	-8.36	7.21				
14	0.	-4.20	18.11	-4.66	5.40	0.80	0.20	-5.88	7.87				
15	0.00	-5.54	15.47	-3.00	5.79	1.20	-6.25	-3.29	5.28				
16	0.00	-11.54	12.84	-2.60	4.98	0.50	-12.35	0.40	1.40				
17	0.20	-16.71	2.70	-1.90	0.80	0.	-13.93	6.85	-0.70				
18	0.00	-21.77	-0.00	-1.20	0.20	-1.90	-14.62	12.05	-1.40				
19	0.20	-23.19	-2.80	0.	-0.00	-1.90	-14.97	21.08	-3.20				
20	1.00	-22.22	-4.20	0.00	-0.20	-2.80	-12.16	35.23	-4.40				
21	1.40	-21.03	-4.60	1.40	-1.00	-3.50	-7.85	39.67	-4.80				
22	1.80	-16.13	-5.71	2.50	-0.60	-3.90	-3.89	46.49	-4.80				
23	2.00	-9.84	-6.69	3.71	-0.20	-4.81	-0.90	49.32	-4.80				
24	3.04	-6.93	-5.90	5.91	0.00	-7.11	3.00	50.12	-4.80				
25	6.81	-0.10	-2.50	6.81	1.90	-7.60	4.81	48.97	-5.80				
26	7.80	6.55	-4.90	7.41	1.90	-7.92	7.20	46.10	-5.93				
27	7.91	11.52	-4.50	8.40	-0.00	-7.92	7.49	41.36	-9.79				
28	8.41	15.63	-2.02	8.60	-0.40	-10.03	6.79	32.43	-9.39				
29	9.11	16.20	-7.91	8.70	-2.81	-11.54	5.79	18.93	-8.89				
30	9.61	17.93	-8.81	8.60	-5.90	-12.94	4.80	8.54	-8.47				
31	10.00	18.34	-9.50	8.59	-6.50	-14.30	3.80	-1.60	-6.39				
32	9.79	17.80	-9.72	7.69	-6.91	-18.65	3.70	-9.77	-5.60				
33	9.17	12.88	-10.48	7.40	-7.48	-19.04	4.81	-13.27	-5.10				
34	7.57	9.43	-9.78	8.80	-5.89	-15.81	6.51	-12.58	-4.60				
35	4.99	5.88	-8.75	15.02	-4.97	-14.13	7.69	-1.83	-4.10				
36	3.89	2.80	-2.66	3.00	0.00	-12.39	7.18	-6.46	-3.20				
37	1.90	0.40	0.00	2.00	3.51	-8.97	7.77	-2.20	-1.60				
38	0.50	-1.10	1.10	1.50	9.07	-6.99	2.20	0.60	0.00				
39	1.40	-1.60	3.21	1.30	13.32	-5.69	1.00	3.60	3.99				
40	2.20	1.60	9.22	1.70	16.27	-3.70	-2.91	5.60	1.20				
41	3.11	3.60	9.83	2.60	19.68	-2.60	-6.25	4.10	-0.50				
42	6.32	5.22	11.06	3.20	24.11	-3.50	-12.22	5.10	-1.00				
43	9.05	7.91	9.39	3.81	25.93	-4.71	-12.95	5.58	-1.70				
44	11.95	8.81	4.63	5.81	27.98	-6.32	-14.23	3.00	-4.10				
45	13.74	9.41	4.18	7.60	28.26	-8.63	-15.01	2.50	-4.51				
46	14.76	9.69	-0.00	7.60	27.27	-10.54	-15.28	1.90	-6.11				
47	15.85	9.17	-0.56	7.99	25.14	-12.28	-14.73	1.00	-7.92				
48	16.74	7.79	-12.96	7.67	22.08	-11.69	-13.12	-4.54	-9.13				
49	11.16	7.19	-20.44	4.50	15.29	-11.38	-11.07	-12.74	-10.65				
50	9.77	6.19	-27.25	2.25	10.85	-10.63	-8.31	-18.60	-11.47				

RECORD=57-265  
 DATE ANU TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=SR.ACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CURRECTION=ARC.ERR.  
 FORMAT NO.=501  
 STATION=AOMORI-S  
 TOTAL NUMBER OF DATA=13800

NO.	( 2000 )	( 2050 )	( 2100 )	( 2200 )	( 2250 )	( 2300 )	( 2350 )	( 2400 )	( 2450 )
1	-12.28	2.40	-158.92	61.98	-53.59	28.75	8.11	37.04	8.66
2	-11.78	1.40	-141.98	49.17	-84.76	53.82	16.21	40.14	17.04
3	-11.19	0.60	-145.73	35.22	-86.67	35.60	20.14	47.31	25.10
4	-10.69	0.00	-146.59	48.00	-38.37	36.66	23.78	53.88	38.10
5	-10.30	0.40	-146.91	50.36	-39.41	37.48	24.57	61.93	47.08
6	-10.11	0.90	-146.74	58.55	-130.05	38.12	25.61	63.82	50.06
7	-10.61	1.50	-146.22	63.93	-135.15	39.02	26.37	64.98	55.07
8	-10.88	1.80	-145.58	74.67	-137.77	41.17	24.96	69.63	70.92
9	-10.19	2.20	-144.82	82.76	-139.52	44.68	20.72	70.61	75.28
10	-9.92	1.80	-144.14	91.08	-110.26	46.68	19.56	70.77	82.25
11	-11.01	-2.40	-142.25	98.34	-110.09	48.14	15.22	70.18	88.41
12	-11.93	-3.73	-137.52	103.74	-117.51	50.55	11.60	66.27	97.44
13	-11.92	-12.21	-125.90	106.56	-131.66	53.43	8.07	57.41	104.41
14	-12.41	-15.92	-114.29	108.30	-122.07	52.16	5.97	39.29	112.15
15	-12.79	-23.82	-115.25	108.92	-125.85	47.33	1.60	16.52	121.66
16	-12.59	-30.53	-115.98	109.54	-131.43	40.00	2.60	5.65	131.83
17	-11.69	-37.99	-117.64	107.99	-177.01	30.50	3.70	-15.06	138.32
18	-11.69	-42.00	-115.09	106.73	-171.64	21.22	4.20	-27.40	141.31
19	-11.06	-43.74	-119.12	97.88	-157.44	8.70	4.40	-37.50	157.38
20	-9.87	-43.53	-119.83	92.66	-154.14	2.69	4.60	-44.34	164.34
21	-2.50	-41.77	-118.76	88.72	-150.08	-2.80	4.60	-51.78	180.01
22	1.00	-68.75	-110.16	87.65	-138.84	-3.80	4.80	-55.73	115.55
23	9.39	-33.96	-111.04	86.60	-148.58	-4.60	5.20	-57.25	90.32
24	19.32	-27.83	-105.19	85.86	-144.20	-3.89	5.50	-58.35	65.09
25	24.93	-19.57	-98.46	85.95	-139.25	-0.50	5.70	-59.90	39.85
26	31.11	-12.22	-87.86	81.67	-133.36	1.70	6.00	-60.61	14.63
27	34.48	-1.10	-62.94	88.88	-124.55	6.55	6.50	-61.18	-10.09
28	35.48	8.51	-56.19	87.57	-144.44	12.38	6.90	-62.04	-19.16
29	35.76	16.03	-28.13	84.14	-2.79	17.89	7.30	-65.19	-27.51
30	35.29	21.77	-124.33	78.14	2.71	22.22	7.50	-66.74	-32.52
31	34.37	22.56	-120.63	69.13	7.32	26.92	7.91	-67.48	-36.34
32	30.74	23.83	-154.04	48.57	9.00	33.68	8.31	-68.50	-36.56
33	22.51	23.23	-173.87	26.87	9.19	35.97	8.95	-70.89	-35.80
34	11.06	22.62	-146.62	2.77	8.28	36.57	12.13	-72.11	-34.92
35	-1.00	21.93	-194.05	-17.48	7.59	35.64	16.26	-73.11	-35.01
36	-13.37	21.20	-198.96	-31.85	6.39	29.55	17.14	-73.95	-36.77
37	-18.46	20.64	-200.41	-36.64	5.19	18.56	15.75	-74.84	-40.25
38	-27.98	20.76	-201.45	-41.17	3.69	10.25	7.84	-75.19	-44.18
39	-28.54	21.34	-202.07	-42.66	1.70	-4.26	3.38	-73.92	-50.61
40	-29.11	22.09	-200.67	-48.26	-0.60	-19.81	-5.00	-71.23	-58.04
41	-28.56	25.67	-196.33	-53.47	-2.11	-29.31	-4.81	-68.31	-65.90
42	-20.23	27.90	-189.57	-56.72	-10.14	-33.65	-6.40	-65.13	-71.44
43	-10.52	31.11	-180.57	-59.65	-11.94	-36.60	-6.77	-62.86	-71.84
44	-8.39	32.95	-177.13	-63.40	-9.79	-38.45	-3.69	-56.31	-72.26
45	-1.40	36.98	-169.48	-68.28	0.00	-39.37	0.00	-49.60	-72.82
46	1.20	41.21	-160.26	-74.91	9.52	-39.30	5.96	-43.59	-73.68
47	1.70	47.97	-151.03	-81.67	16.14	-34.89	13.69	-35.79	-74.19
48	0.69	53.68	-140.32	-88.69	23.75	-23.78	18.70	-26.89	-74.73
49	5.89	60.53	-136.29	-93.89	25.78	-14.42	25.80	-11.54	-79.08
50	3.89	69.37	-133.76	-70.05	26.93	-3.20	32.03	-1.67	-82.18

RECORDS=205 DATE AND TIME=1988. 5.16. 9.49	COMPONENT=N+S	SIGNAL=GR.AUC.	CORRECTION=ARC.ERR. FORMAT NO.=301	STATION=ADMORI-S TOTAL NUMBER OF DATA=13800				
NO.	( 2550)	( 2650)	( 2750)	( 2800)	( 2850)	( 2900)	( 2950)	
1	-87.36	44.21	-25.27	-14.10	12.04	11.77	-45.04	
2	-87.51	45.83	-24.58	-14.08	9.96	7.22	-50.01	
3	-88.13	47.92	-35.18	-13.66	8.18	1.20	-51.25	
4	-87.66	51.14	-36.73	-12.68	6.89	-3.20	-51.60	
5	-88.40	54.50	-37.63	-12.10	5.50	-4.12	-51.10	
6	-78.84	56.42	-39.89	-12.00	5.50	-9.12	-48.86	
7	-77.35	59.03	-41.77	-12.00	5.60	-10.13	-46.28	
8	-75.21	65.70	-42.83	-12.02	5.91	-11.31	-44.50	
9	-74.49	69.58	-43.02	-12.53	7.21	-11.70	-45.99	
10	-71.61	72.07	-43.51	-13.42	8.53	-11.70	-42.74	
11	-70.64	72.65	-43.23	-13.93	10.66	-11.70	-40.78	
12	-69.76	72.76	-45.10	-14.76	13.27	-11.70	-39.10	
13	-68.69	72.34	-61.11	-18.12	15.33	-11.71	-38.94	
14	-67.91	70.59	-62.57	-19.89	14.69	-12.08	-38.60	
15	-67.90	64.08	-60.50	-22.10	20.71	-11.46	-38.63	
16	-66.73	61.41	-63.83	-24.17	20.95	-6.78	-38.67	
17	-66.05	55.95	-62.81	-26.91	22.57	-4.47	-38.60	
18	-64.62	48.06	-61.09	-27.50	24.05	1.90	-38.04	
19	-61.51	48.40	-58.97	-27.39	30.07	7.61	-34.46	
20	-54.46	42.70	-55.09	-26.72	34.92	8.71	-26.91	
21	-62.47	38.18	-55.01	-26.23	36.95	9.54	-21.91	
22	-59.75	35.00	-53.69	-25.73	40.74	11.62	-15.65	
23	-52.87	33.18	-51.47	-25.22	45.94	12.56	-10.92	
24	-18.56	33.40	-49.98	-24.70	53.94	11.17	-3.90	
25	-11.12	37.90	-48.83	-24.78	60.22	10.14	-2.90	
26	-8.08	45.81	-45.56	-25.45	62.66	7.59	-2.50	
27	-6.70	54.76	-42.23	-26.58	71.55	6.49	-1.70	
28	-7.21	61.79	-41.15	-27.95	77.86	5.69	-0.80	
29	-7.94	72.23	-39.50	-30.89	86.79	3.99	-0.20	
30	-11.02	76.89	-36.51	-35.80	92.61	0.50	-0.20	
31	-11.73	87.29	-37.28	-36.92	97.11	-3.12	-0.50	
32	-12.65	90.76	-35.24	-37.70	98.31	-10.67	-1.00	
33	-14.22	91.00	-33.07	-37.20	100.01	-13.34	-1.70	
34	-14.70	86.55	-30.48	-34.88	100.54	-14.67	-2.70	
35	-14.65	79.22	-28.42	-31.45	99.68	-22.35	-3.90	
36	-13.33	69.80	-27.88	-29.82	96.80	-22.60	-5.42	
37	-6.47	54.03	-24.22	-26.27	88.19	-22.73	-8.37	
38	-2.90	30.59	-19.97	-21.82	79.78	-22.17	-12.73	
39	-1.40	11.40	-17.27	-14.85	71.50	-21.86	-13.72	
40	5.82	-16.22	-13.67	-11.55	62.73	-14.20	-14.16	
41	8.32	-28.44	-8.09	0.00	54.09	-11.54	-15.17	
42	9.70	-31.02	-7.29	7.76	43.61	-11.39	-16.76	
43	19.61	-30.64	-6.60	10.00	35.70	-22.96	-17.70	
44	22.22	-28.63	-6.60	14.73	30.75	-24.34	-17.74	
45	25.03	-27.51	-7.11	19.44	26.71	-25.21	-18.35	
46	31.31	-25.82	-7.93	16.20	24.98	-26.99	-19.14	
47	32.80	-24.61	-10.14	16.18	24.09	-28.47	-21.02	
48	35.91	-23.99	-11.94	15.76	22.83	-32.34	-23.31	
49	41.89	-23.99	-13.32	14.90	18.94	-38.44	-25.03	
50	42.86	-25.03	-15.72	13.49	15.31	-40.64	-26.28	

RECORD=S-235  
 DATE AND TIME=1968, 5,16, 9,49  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 SAMPLING INTERVAL= 0,010(SEC)  
 CORRECTION=ARC.ERR.  
 FORMAT NO.=301  
 STATION=ROMORI-S  
 TOTAL NUMBER OF DATA=13800

NO.	( 4000 )	( 3050 )	( 3100 )	( 3150 )	( 3200 )	( 3250 )	( 3300 )	( 3350 )	( 3400 )	( 3450 )
1	27.84	-88.97	54.98	2.60	-6.06	33.29	-35.54	51.20	33.77	-40.19
2	25.50	-68.50	52.20	4.40	-1.10	34.07	-34.97	49.18	33.93	-39.63
3	22.29	-38.52	49.62	5.00	-0.50	34.73	-34.42	48.40	33.32	-39.04
4	20.46	-37.55	46.80	4.50	-0.00	35.56	-33.80	47.47	31.88	-38.34
5	11.06	-37.05	41.68	4.00	-0.50	37.03	-33.60	45.90	30.45	-37.91
6	8.54	-34.99	32.89	3.40	-1.30	37.72	-34.80	42.50	27.11	-37.43
7	-6.91	-29.56	22.38	2.50	-2.60	38.51	-35.97	37.26	23.00	-36.60
8	-7.75	-26.37	12.95	1.70	-3.92	39.77	-37.41	32.32	19.48	-35.85
9	-11.71	-23.04	6.15	1.00	-10.91	40.41	-38.05	23.32	14.50	-34.86
10	-12.03	-16.11	-0.40	0.60	-15.17	41.18	-38.79	18.40	10.18	-33.47
11	-13.02	-11.08	-2.41	0.20	-16.67	41.28	-39.17	11.95	9.38	-30.68
12	-16.61	-6.44	-7.91	-0.00	-17.67	40.51	-37.61	7.14	8.39	-24.68
13	-13.81	0.00	-8.52	-0.70	-17.16	38.17	-35.00	1.80	7.78	-21.27
14	-14.13	5.64	-9.69	-1.50	-16.48	35.07	-31.38	-1.10	6.39	-15.12
15	-14.72	11.81	-9.59	-1.90	-16.13	31.28	-27.58	-2.10	5.00	-9.60
16	-15.22	15.66	-8.80	-2.30	-16.76	22.94	-23.63	-3.60	4.09	-4.48
17	-15.72	18.77	-8.49	-3.00	-13.08	16.79	-21.06	-4.79	2.10	-1.00
18	-16.13	20.88	-7.69	-3.92	-23.19	10.30	-15.66	-3.70	0.00	0.60
19	-16.54	21.84	-7.14	-9.42	-23.99	1.90	-11.17	-3.10	-5.11	2.31
20	-17.26	23.88	-1.80	-10.78	-24.72	-3.40	-6.54	-2.60	-6.82	10.02
21	-18.13	26.24	-0.70	-13.89	-25.58	-4.61	-0.60	-2.00	-8.53	15.62
22	-18.54	30.91	-0.20	-16.08	-26.20	-5.84	2.41	-0.20	-10.24	19.69
23	-19.03	32.66	0.00	-19.31	-26.88	-10.39	6.73	1.00	-11.99	20.97
24	-19.43	33.73	0.70	-20.90	-27.21	-14.36	10.02	6.61	-14.85	24.72
25	-19.83	35.92	6.82	-23.90	-26.13	-15.65	10.81	7.52	-13.94	33.99
26	-20.23	37.88	8.62	-24.90	-22.28	-16.78	11.49	9.03	-18.61	42.68
27	-20.65	39.40	10.11	-27.06	-17.86	-21.61	14.78	10.61	-19.90	49.79
28	-21.14	40.00	10.61	-28.45	-16.98	-25.96	18.71	11.11	-27.42	54.33
29	-21.46	40.65	11.09	-32.46	-12.09	-31.15	22.75	11.59	-39.41	57.31
30	-21.03	42.16	10.69	-38.39	-8.68	-37.66	24.93	11.59	-32.01	59.43
31	-20.36	44.49	10.18	-42.89	-7.66	-43.30	25.89	11.08	-38.76	60.93
32	-19.94	46.50	9.68	-47.66	-4.59	-49.42	26.52	10.49	-47.14	62.54
33	-20.44	49.58	8.07	-50.36	-1.30	-55.14	28.36	9.94	-53.38	69.62
34	-20.88	54.98	7.99	-50.92	0.70	-60.74	35.03	12.72	-63.11	73.33
35	-22.40	59.77	4.08	-50.82	0.00	-65.99	39.68	12.53	-78.07	78.93
36	-28.42	63.72	-0.50	-50.07	0.80	-67.87	43.87	13.62	-82.71	74.59
37	-50.06	80.65	-2.90	-47.61	1.80	-66.49	46.29	16.80	-89.40	74.92
38	-33.99	88.92	-3.50	-44.65	5.01	-54.70	47.38	19.93	-85.86	72.55
39	-39.85	98.10	-4.01	-43.22	7.26	-52.42	48.15	20.86	-91.50	75.25
40	-43.17	102.68	-7.75	-42.30	12.34	-57.48	52.80	20.86	-82.04	74.53
41	-42.54	107.43	-11.74	-41.25	16.31	-53.13	57.84	21.45	-89.35	73.64
42	-46.33	109.83	-16.14	-38.13	18.42	-50.32	59.69	21.97	-85.36	70.75
43	-48.19	110.99	-14.17	-31.49	20.06	-49.44	60.87	22.69	-80.30	69.76
44	-44.43	110.55	-12.76	-28.41	22.01	-48.84	61.50	23.53	-74.40	64.57
45	-42.39	106.90	-14.95	-27.33	23.97	-48.15	62.09	24.59	-68.59	64.72
46	-41.57	101.34	-13.81	-22.95	25.46	-46.91	62.45	25.30	-65.66	62.97
47	-40.72	95.09	-11.56	-16.28	27.40	-44.95	62.01	26.06	-58.14	62.06
48	-40.06	81.32	-9.59	-13.84	29.44	-42.34	60.49	27.92	-50.85	61.58
49	-39.67	66.79	-7.10	-14.53	31.61	-39.37	57.42	32.64	-44.72	60.95
50	-39.27	60.90	0.75	-10.33	32.44	-37.45	54.39	33.24	-42.48	60.08

RECORDS=235  
 DATE AND TIME=1968. 5.16. 9.49  
 SIGNAL=GR.AGC. CUR-RECTION=ARC.ERR. STATION=40MDRI-5  
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=13800

NO.	( 3200)	( 3550)	( 3650)	( 3700)	( 3750)	( 3800)	( 3850)	( 3900)	( 3950)
1	58.10	-53.82	-2.11	54.46	-24.06	-39.37	-9.55	-90.87	40.81
2	53.70	-54.67	-4.70	26.86	-24.56	-33.92	-11.81	-84.51	52.49
3	50.85	-58.29	-4.20	22.18	-25.00	-27.02	-12.26	-78.72	58.17
4	48.66	-61.52	-3.80	20.76	-25.00	-24.54	-14.19	-76.93	61.16
5	48.60	-63.19	-3.40	16.05	-24.93	-14.23	-16.50	-74.28	71.20
6	47.71	-64.28	-2.00	10.07	-24.46	-4.09	-23.41	-67.22	75.20
7	46.42	-65.79	-0.50	8.76	-24.15	0.00	-26.55	-65.44	83.19
8	43.18	-71.32	1.20	6.58	-23.70	5.01	-27.11	-64.50	92.57
9	38.56	-72.68	4.91	4.40	-22.93	7.77	-30.24	-56.77	96.69
10	35.96	-73.29	6.31	4.70	-22.40	13.27	-36.44	-50.96	100.83
11	34.67	-73.80	7.62	5.70	-22.40	15.01	-37.54	-45.56	108.75
12	31.41	-73.58	9.21	6.41	-22.41	15.26	-38.74	-40.66	119.17
13	28.83	-72.07	10.12	7.91	-22.53	14.47	-40.74	-39.08	125.59
14	26.51	-69.28	11.25	9.02	-22.80	13.86	-42.52	-37.00	131.76
15	20.08	-64.90	10.68	10.64	-22.80	13.40	-44.34	-33.57	143.57
16	21.15	-56.83	12.29	12.29	-22.80	13.40	-46.42	-31.71	145.94
17	12.21	-47.40	15.18	15.18	-22.80	13.48	-48.35	-30.68	148.48
18	9.40	-36.96	16.77	16.77	-22.80	15.43	-50.06	-29.09	152.25
19	4.07	-26.88	17.07	17.76	-22.86	15.92	-51.19	-27.40	152.40
20	-4.94	-22.71	17.11	17.11	-23.37	16.25	-51.73	-25.60	152.40
21	-11.82	-16.28	15.38	15.17	-24.00	17.04	-52.25	-24.30	150.47
22	-16.08	-14.15	13.38	13.11	-24.89	17.79	-53.10	-23.44	148.66
23	-21.30	-12.75	10.19	10.68	-26.46	19.14	-54.19	-22.03	147.16
24	-26.13	-5.99	7.188	9.88	-28.95	19.60	-57.34	-20.55	145.28
25	-28.89	5.10	8.538	8.69	-32.13	19.62	-60.04	-19.96	144.00
26	-36.64	4.79	9.555	7.80	-36.82	19.89	-63.42	-19.40	144.87
27	-40.66	3.59	9.7.81	8.01	-38.83	19.73	-64.61	-18.21	148.70
28	-45.46	1.70	10.1.27	8.61	-39.88	18.42	-66.39	-18.59	160.01
29	-55.32	0.00	10.6.69	9.21	-43.11	11.02	-70.19	-18.18	168.29
30	-66.50	0.40	108.93	9.92	-47.20	7.78	-73.81	-17.89	172.46
31	-66.27	1.40	110.23	10.71	-48.86	-1.20	-74.57	-17.69	183.45
32	-74.60	2.50	113.59	11.21	-50.20	-2.71	-75.43	-17.47	193.94
33	-77.77	3.41	113.26	11.70	-51.56	-9.41	-76.02	-17.06	198.00
34	-80.37	5.80	114.42	11.70	-51.80	-9.92	-76.55	-16.48	206.36
35	-86.90	5.81	115.10	11.58	-52.03	-10.71	-77.19	-16.01	207.67
36	-83.80	6.61	114.79	10.98	-52.43	-11.08	-77.97	-14.46	207.65
37	-82.91	7.30	114.31	10.15	-53.20	-10.32	-80.08	-13.37	205.55
38	-81.19	7.61	113.97	7.86	-54.62	-6.79	-83.17	-7.68	197.80
39	-79.38	8.10	113.75	4.79	-56.14	-5.99	-85.87	-6.49	189.06
40	-77.50	8.11	113.40	1.90	-57.25	5.10	-87.99	-5.88	180.81
41	-75.28	8.50	112.87	-0.00	-58.30	4.60	-88.85	-3.19	158.89
42	-72.79	8.39	112.81	-2.10	-59.43	-4.20	-89.75	-0.10	136.62
43	-67.07	7.89	111.86	-4.62	-60.09	-4.20	-90.84	4.41	114.34
44	-66.06	7.40	109.28	-9.65	-60.20	4.20	-92.51	7.82	92.06
45	-64.49	7.09	105.72	-12.07	-59.97	4.20	-94.23	9.27	69.79
46	-62.95	5.79	95.91	-14.28	-59.60	4.20	-95.34	13.29	47.51
47	-57.35	4.59	87.53	-16.08	-58.55	4.70	-95.69	20.85	25.23
48	-54.28	3.19	74.83	-17.58	-56.63	5.30	-95.89	24.45	3.01
49	-53.80	0.00	57.38	-20.56	-53.46	5.81	-95.22	32.87	7.51
50	-53.72	-1.05	47.14	-22.26	-45.20	7.57	-93.08	33.80	9.59

RECORD=S\*235  
 DATE AND TIME=1966, 5.16, 9.49  
 COMPONENT=N+S  
 SIGNAL=GR,ACC,  
 SAMPLING INTERVAL= 0.010(SEC)  
 CORRECTION=ARC,ERR,  
 FORMAT NO.=301  
 STATION=ADHORI=S  
 TOTAL NUMBER OF DATA=13800

NO.	( 4000)	( 4050)	( 4100)	( 4150)	( 4200)	( 4250)	( 4300)	( 4350)	( 4400)	( 4450)
1	11.24	-37.97	18.04	19.89	-35.29	-44.43	-5.70	49.36	-19.96	28.16
2	12.88	-37.78	15.65	19.75	-33.09	-45.39	-6.11	51.91	-19.48	27.22
3	15.00	-37.44	19.16	18.52	-31.03	-44.83	-6.81	53.79	-19.24	25.57
4	15.00	-37.04	19.96	18.52	-29.29	-44.43	-7.50	56.29	-19.73	24.75
5	14.95	-36.26	20.77	16.17	-27.70	-44.08	-7.09	58.21	-20.06	24.84
6	13.74	-35.87	22.52	13.78	-26.52	-43.90	-6.40	61.15	-19.56	23.99
7	9.89	-35.64	23.55	10.94	-25.27	-43.82	-6.10	65.05	-19.17	24.73
8	9.19	-34.94	23.94	8.79	-23.70	-43.66	-6.61	67.23	-20.11	25.64
9	8.59	-33.86	24.76	8.18	-22.88	-43.48	-7.60	76.14	-21.34	25.97
10	8.20	-32.66	28.98	6.78	-21.86	-43.18	-7.90	84.45	-21.75	26.54
11	7.90	-32.38	31.58	5.00	-21.46	-42.72	-8.01	87.95	-22.26	27.33
12	7.59	-33.12	33.09	4.30	-21.01	-42.52	-8.39	93.12	-22.72	27.56
13	6.99	-33.60	33.50	3.90	-20.02	-41.61	-7.90	95.30	-22.05	27.95
14	6.39	-34.25	33.97	3.40	-19.04	-40.43	-7.69	95.78	-21.52	28.30
15	5.50	-35.76	34.50	2.70	-17.05	-40.00	-7.09	95.42	-20.72	28.85
16	5.60	-37.15	33.53	2.20	-16.17	-39.67	-6.40	91.21	-19.87	29.01
17	4.50	-37.62	32.64	0.00	-15.93	-39.14	-5.90	86.52	-19.57	28.53
18	3.60	-38.05	31.17	0.40	-12.32	-38.38	-5.50	81.44	-19.03	28.17
19	2.30	-38.62	30.16	-2.90	-9.88	-37.84	-5.10	76.04	-16.93	27.93
20	40.50	-29.42	5.32	-8.68	-7.59	-37.68	-4.39	70.47	-15.88	27.52
21	-4.30	-44.41	-2.79	-8.76	-7.59	-37.68	-2.40	63.45	-15.47	27.01
22	-2.11	-47.00	-22.89	-12.29	-7.09	-36.90	-1.40	60.41	-14.97	26.29
23	-6.71	-48.00	-15.34	-15.23	-6.49	-36.34	-0.70	56.37	-14.83	24.98
24	-7.92	-48.30	-13.57	-17.83	-5.90	-35.12	0.00	52.85	-12.65	24.10
25	-9.13	-48.80	-10.24	-19.72	-5.60	-35.16	0.60	48.89	-8.39	23.25
26	-10.82	-48.85	-9.29	-21.44	-5.10	-32.82	1.80	43.14	-7.86	21.96
27	-11.51	-48.30	-1.10	-21.89	-4.50	-31.09	5.41	35.87	-4.79	20.61
28	-11.92	-47.85	6.81	-22.84	-4.20	-27.56	7.60	27.81	-2.50	19.50
29	-12.42	-47.18	7.23	-24.07	-3.90	-25.11	8.01	19.60	-1.30	16.88
30	-13.12	-46.15	9.71	-24.63	-4.40	-23.67	8.63	10.54	1.20	11.85
31	-13.71	-44.10	10.03	-24.92	-5.20	-21.59	10.78	-0.00	8.65	10.19
32	-13.92	-41.70	11.92	-25.74	-5.60	-17.77	14.07	-3.92	12.07	9.79
33	-14.53	-40.84	12.14	-26.10	-5.91	-15.86	17.92	-9.16	14.33	9.49
34	-15.22	-40.06	13.52	-26.81	-7.83	-14.44	19.87	-12.86	17.33	8.99
35	-15.72	-39.40	14.04	-28.00	-10.44	-13.07	24.15	-17.17	19.69	8.29
36	-16.03	-37.18	15.04	-31.73	-12.16	-12.64	26.27	-18.18	22.52	7.69
37	-16.53	-32.47	15.97	-35.17	-14.23	-10.49	28.54	-17.87	27.21	6.79
38	-17.14	-27.50	17.16	-37.82	-17.13	-10.00	30.03	-17.16	30.52	5.99
39	-17.91	-25.22	16.47	-39.43	-19.20	-9.79	33.79	-17.48	33.28	4.40
40	-21.05	-23.76	16.03	-40.65	-20.66	-9.39	36.30	-16.48	34.55	3.40
41	-24.63	-21.08	16.55	-41.52	-23.28	-8.79	35.07	-16.09	34.93	1.90
42	-26.41	-19.04	17.43	-42.17	-24.01	-8.10	37.65	-15.87	35.43	1.10
43	-27.81	-19.39	17.91	-42.95	-25.05	-7.90	39.80	-15.43	35.91	0.40
44	-29.17	-18.09	18.04	-43.22	-27.19	-7.90	40.48	-15.94	36.12	-0.00
45	-30.66	-17.87	18.67	-42.68	-30.13	-7.60	41.33	-16.76	33.76	-0.50
46	-31.79	-17.45	19.62	-42.20	-32.16	-7.50	42.96	-17.73	33.24	-1.20
47	-32.62	-16.78	19.93	-41.55	-35.60	-7.50	44.99	-18.24	34.62	-2.40
48	-35.17	-16.44	20.23	-40.87	-38.22	-7.29	46.09	-18.75	33.93	-3.10
49	-37.42	-17.13	20.56	-39.26	-40.46	-6.20	47.13	-19.42	35.19	-3.90
50	-37.74	-17.58	20.22	-37.37	-42.66	-6.05	47.62	-19.72	30.35	-4.70

RECORDS=235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N=5  
 SIGNAL=GR.ACC.  
 CURVECTION=APC.ERR.  
 TOTAL NUMBER OF DATA=13800

NO.	( 4200 )	( 4250 )	( 4600 )	( 4650 )	( 4700 )	( 4750 )	( 4800 )	( 4850 )	( 4900 )	( 4950 )
1	-2.52	-41.79	10.88	-26.07	2.20	53.10	-5.31	11.50	-28.98	-75.00
2	-8.42	-39.24	9.97	-27.23	2.20	70.61	-6.51	11.50	-29.99	-74.53
3	-9.64	-37.77	8.99	-27.86	2.70	72.49	-7.60	11.50	-31.01	-74.15
4	-11.73	-34.85	7.69	-28.21	3.20	75.41	-7.60	11.51	-32.04	-73.85
5	-12.77	-30.54	6.99	-29.22	3.20	50.06	-7.60	11.89	-33.18	-73.52
6	-14.75	-27.14	5.89	-29.40	3.20	33.68	-7.60	11.70	-34.83	-73.00
7	-15.74	-24.05	4.80	-29.40	3.20	34.10	-7.60	11.70	-35.92	-71.79
8	-18.62	-19.86	3.00	-29.40	3.20	54.56	-7.20	11.69	-39.03	-66.62
9	-18.60	-13.23	3.00	-29.40	3.20	34.91	-7.19	11.40	-43.12	-62.69
10	-20.07	-8.75	1.90	-28.74	2.90	34.63	-6.20	11.49	-44.49	-60.44
11	-21.99	-5.67	1.40	-27.17	2.90	33.80	-6.20	11.09	-46.75	-53.68
12	-22.95	-1.90	0.00	-26.13	3.20	31.50	-5.90	10.79	-52.54	-49.38
13	-24.33	0.40	1.90	-25.58	3.90	77.57	-5.40	10.50	-57.44	-45.06
14	-26.09	7.91	-2.80	-23.42	5.00	73.78	-5.50	10.49	-59.51	-39.31
15	-27.39	8.82	-0.60	-21.88	5.70	70.28	-4.80	10.20	-68.51	-37.75
16	-28.96	9.82	-4.61	-20.62	6.01	55.24	-4.50	10.30	-72.77	-36.55
17	-32.72	10.84	-5.91	-17.84	6.81	51.33	-3.90	10.39	-79.30	-32.14
18	-37.68	12.26	-7.92	-14.84	7.61	37.53	-3.80	9.99	-86.23	-26.26
19	-39.94	14.06	-9.67	-12.91	8.82	23.77	-3.60	9.49	-94.50	-23.55
20	-43.09	15.46	-13.06	-11.12	10.04	20.98	-3.20	8.75	-97.85	-22.23
21	-45.20	16.68	-14.77	-9.44	11.97	48.21	-2.80	5.99	-104.75	-20.57
22	-49.69	18.00	-19.61	-6.70	14.42	46.04	-2.60	4.99	-108.23	-18.10
23	-52.85	19.37	-16.45	-5.68	17.20	45.04	-2.40	3.60	-110.16	-15.31
24	-59.64	20.32	-21.84	-30.90	20.00	43.81	-2.40	2.60	-112.91	-13.67
25	-63.09	21.81	-24.28	-29.95	21.45	42.60	-2.40	1.20	-114.91	-12.97
26	-65.56	23.91	-26.45	-28.97	23.76	41.66	-1.30	0.00	-115.20	-12.28
27	-66.55	25.65	-28.19	-27.67	30.99	40.60	0.00	-0.70	-115.20	-11.59
28	-73.42	27.64	-30.22	-26.31	32.32	39.92	0.10	-1.60	-115.20	-11.16
29	-76.26	30.21	-33.25	-24.93	33.58	38.26	0.70	-3.60	-115.20	-9.68
30	-78.32	31.67	-35.01	-23.01	35.45	37.32	1.20	-5.11	-115.20	-8.69
31	-80.75	32.57	-36.44	-21.24	36.66	36.42	2.30	-6.53	-115.20	-7.84
32	-82.67	33.77	-36.08	-18.72	37.30	34.91	3.40	-9.40	-115.20	-5.69
33	-89.65	34.91	-39.19	-17.62	37.09	33.90	4.00	-9.54	-115.03	-1.90
34	-84.21	35.97	-40.55	-16.44	36.29	33.07	4.00	-11.76	-113.57	-0.80
35	-84.93	36.54	-41.80	-15.33	35.62	32.04	4.40	-13.74	-112.34	0.40
36	-85.64	37.14	-43.40	-14.04	27.21	30.86	5.30	-14.77	-107.68	0.80
37	-85.13	37.70	-44.99	-12.64	23.68	29.46	5.90	-16.17	-102.40	5.21
38	-85.90	37.85	-46.27	-10.84	20.95	27.26	6.10	-17.34	-100.23	6.71
39	-82.19	37.89	-47.17	-8.58	17.63	25.83	6.51	-17.97	-98.41	7.31
40	-80.51	37.20	-48.09	-7.97	15.23	24.67	7.50	-18.96	-95.90	7.91
41	-78.91	36.77	-48.75	-4.99	15.98	23.52	7.91	-19.78	-89.90	8.80
42	-76.72	35.07	-49.31	-3.70	17.53	21.08	8.61	-20.77	-87.26	8.79
43	-75.58	32.36	-49.81	-2.20	21.13	17.50	9.41	-21.54	-84.17	8.39
44	-70.29	28.21	-50.22	-0.40	24.76	13.09	9.90	-21.99	-80.61	7.89
45	-68.40	23.50	-50.82	0.00	28.55	10.25	10.01	-22.88	-78.42	7.39
46	-66.87	20.89	-51.13	0.30	33.29	7.06	10.40	-23.72	-76.45	6.79
47	-65.05	15.89	-51.69	1.10	39.59	2.90	10.51	-25.88	-75.57	5.79
48	-56.92	13.87	-52.31	1.50	45.94	0.50	11.00	-26.00	-75.10	5.00
49	-51.44	13.06	-53.27	1.50	50.66	-2.30	11.01	-26.78	-75.10	4.60
50	-46.18	11.97	-54.56	1.85	56.66	-3.81	11.26	-27.88	-75.10	4.00

RECORD=S-235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 SAMPLING INTERVAL=0.040(SEC)  
 CURVE=EDITION=APC.ERR.  
 FORMAT NO.=301  
 STATION=AQMORI=S  
 TOTAL NUMBER OF DATA=18800

NO.	( 5000 )	( 5050 )	( 5100 )	( 5200 )	( 5300 )	( 5400 )	( 5450 )
1	0.40	58.29	17.00	-47.27	-6.00	-20.64	0.00
2	0.70	60.77	17.62	-46.66	-6.00	-21.00	-22.48
3	4.10	61.82	17.89	-46.09	-6.00	-20.96	-19.59
4	4.10	62.16	17.80	-45.21	-6.00	-20.55	39.270
5	4.40	62.20	17.80	-45.12	-5.99	-19.98	-12.22
6	5.00	61.87	17.80	-45.72	-5.90	-19.73	37.62
7	5.80	58.31	17.77	-41.04	-5.90	-19.73	38.85
8	6.01	54.64	17.66	-37.194	-5.20	-18.95	35.86
9	7.01	52.31	16.62	-35.20	-4.90	-18.33	35.37
10	7.91	47.86	15.59	-34.20	-5.00	-17.86	11.19
11	8.62	42.21	15.18	-31.98	-5.00	-16.80	34.79
12	9.65	37.92	15.00	-28.92	-5.00	-16.80	14.66
13	12.02	32.74	14.70	-26.00	-4.40	-16.80	34.13
14	12.73	25.32	14.72	-21.29	-4.40	-16.76	33.78
15	15.79	21.19	15.23	-23.21	-4.40	-16.18	53.17
16	16.12	16.24	15.89	-25.23	-4.40	-15.78	32.27
17	20.19	13.55	17.43	-32.66	-4.40	-15.47	31.71
18	23.33	12.02	17.96	-34.25	-3.90	-15.00	24.16
19	24.54	6.38	18.85	-38.47	-3.70	-14.98	31.23
20	26.56	4.00	20.37	-46.06	-3.70	-14.50	30.50
21	29.57	3.00	21.14	-52.41	-3.70	-14.44	28.20
22	34.05	1.80	21.54	-57.22	-3.40	-13.15	30.05
23	37.46	1.00	21.95	-60.95	-3.00	-11.76	38.70
24	38.91	0.60	22.40	-71.29	-3.00	-10.49	27.83
25	40.91	0.60	22.40	-73.61	-3.00	-9.89	34.38
26	43.62	0.80	22.40	-77.57	-3.00	-9.89	26.35
27	46.25	1.60	22.40	-85.37	-3.00	-9.59	25.21
28	47.28	2.20	22.39	-92.67	-2.40	-9.30	38.09
29	47.99	2.20	22.26	-96.69	-2.00	-9.30	39.70
30	48.30	3.00	21.87	-99.39	-2.00	-9.29	24.08
31	48.75	5.30	21.58	-108.44	-1.90	-8.80	26.86
32	49.31	5.80	21.66	-118.20	-1.50	-8.79	23.56
33	49.87	6.10	21.01	-121.79	-1.10	-8.29	28.27
34	50.70	6.50	21.01	-125.24	-1.10	-8.29	22.92
35	51.89	6.50	21.04	-132.44	-1.50	-7.87	37.90
36	53.63	6.91	20.50	-135.36	-2.50	-5.69	22.16
37	55.31	8.21	20.46	-137.85	-3.50	-4.40	21.76
38	55.80	9.21	20.00	-138.40	-4.81	-3.90	39.47
39	55.60	9.94	19.97	-139.71	-6.21	-3.90	21.52
40	54.98	11.82	19.63	-129.54	-8.72	-3.90	41.70
41	53.77	12.55	18.75	-122.63	-9.75	-3.90	19.64
42	52.15	13.94	18.02	-114.92	-11.27	-3.70	45.85
43	50.32	15.94	16.93	-110.06	-13.74	-3.50	17.65
44	48.54	15.93	15.86	-104.18	-14.91	-3.10	51.30
45	47.70	16.54	15.14	-96.13	-17.12	-3.00	15.48
46	47.80	17.23	13.96	-83.70	-17.45	-2.70	53.51
47	48.92	17.61	13.00	-71.56	-18.87	-2.20	13.24
48	50.11	17.71	10.15	-62.68	-18.61	-1.90	53.83
49	51.25	17.88	7.88	-58.13	-18.66	-1.90	55.83
50	53.27	17.74	4.54	-49.89	-19.67	-0.50	5.89
				-6.35	-20.14	-0.25	4.59
							56.00
							55.31
							54.06
							52.05
							49.43
							45.88
							43.10
							42.49
							41.70

RECORDS=235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR. ACC.  
 SAMPLING INTERVAL= 0.020(SEC)  
 CORRECTION=ARC. ERR.  
 FORMAT NO.=301

STATION=AOMORI-S  
 TOTAL NUMBER OF DATA=13800

NO.	( 5950 )	( 5900 )	( 5700 )	( 5750 )	( 5800 )	( 5850 )	( 5900 )	( 5950 )
1	-25.26	-3.50	-23.90	-25.11	55.43	-20.38	25.42	53.78
2	-25.34	2.10	-23.96	-25.54	-56.56	-20.18	26.94	52.05
3	-31.10	65.10	-24.45	-20.72	-57.35	-20.02	27.82	51.46
4	-50.60	-1.50	-25.04	-17.84	-57.79	-20.29	28.65	50.55
5	-35.72	-83.54	-27.09	-15.52	-58.71	-21.24	30.07	44.68
6	-36.94	-1.50	-30.29	-15.92	-59.58	-21.58	31.50	48.74
7	-59.29	0.	-33.37	-11.94	-59.50	-21.38	33.12	47.76
8	-41.91	86.71	-35.61	-10.09	-60.20	-21.20	35.04	47.02
9	-40.76	2.00	-36.74	-9.69	-61.12	-21.20	35.89	46.24
10	-44.29	30.10	-38.99	-8.08	-61.62	-21.20	36.83	45.49
11	-44.74	3.60	-39.27	-8.10	-60.99	-21.25	38.31	42.75
12	-45.28	4.20	-38.84	-7.78	-60.18	-21.74	39.43	38.62
13	-46.50	5.00	-38.72	-6.60	-58.54	-22.16	40.71	36.87
14	-47.39	5.91	-39.99	-6.60	-50.74	-22.79	43.41	34.64
15	-47.70	7.52	-42.18	-6.00	-40.99	-23.54	46.16	32.95
16	-48.15	8.94	-44.26	-5.90	-33.06	-23.82	48.04	31.38
17	-48.01	11.37	-45.87	-5.91	-28.56	-24.14	49.53	29.41
18	-49.71	14.07	-46.62	-6.82	-21.43	-25.21	50.81	27.65
19	-51.73	18.41	-48.19	-8.80	-17.54	-25.94	51.53	27.34
20	-52.18	20.17	-51.51	-8.81	-10.97	-26.17	51.99	26.91
21	-58.49	35.30	-54.27	-8.70	-9.96	-25.99	53.23	26.36
22	-59.76	43.00	-58.56	-9.91	-7.89	-25.89	55.20	26.07
23	-61.01	47.90	-64.77	-10.61	-7.39	-25.74	59.62	25.83
24	-64.50	48.55	-65.00	-10.81	-6.60	-25.36	62.29	24.96
25	-60.70	49.63	-71.31	-11.41	-6.61	-25.01	67.12	22.08
26	-69.58	50.53	-76.23	-11.90	-7.70	-24.56	72.60	21.77
27	-74.67	51.02	-80.04	-12.05	-7.91	-24.05	79.16	20.55
28	-79.51	51.43	-84.68	-20.18	-8.62	-23.44	86.88	19.82
29	-84.68	52.48	-85.50	-23.18	-9.61	-21.37	93.31	17.92
30	-90.64	52.90	-87.01	-23.92	-9.94	-20.05	100.23	18.23
31	-94.13	53.47	-87.51	-25.11	-11.96	-18.56	103.22	18.64
32	-101.79	54.20	-87.15	-27.52	-13.94	-17.77	107.43	19.12
33	-115.50	56.11	-86.65	-30.01	-14.83	-15.87	110.47	19.42
34	-120.09	59.14	-85.40	-31.82	-15.49	-13.43	111.70	19.69
35	-123.29	61.52	-82.70	-33.75	-15.44	-11.64	111.90	19.56
36	-130.43	64.09	-77.45	-34.86	-16.52	-9.65	111.77	19.06
37	-149.93	66.18	-70.51	-37.69	-16.53	-6.98	110.38	18.56
38	-141.83	71.71	-64.00	-38.77	-17.13	-5.37	108.57	18.09
39	-139.67	72.88	-56.21	-39.77	-17.53	0.00	106.91	17.89
40	-137.88	82.25	-48.89	-40.53	-17.98	3.60	104.00	17.69
41	-136.09	86.82	-43.02	-41.89	-19.04	3.90	99.03	17.48
42	-139.00	86.95	-38.19	-42.83	-19.53	4.61	93.08	17.19
43	-149.77	87.10	-33.44	-44.59	-19.90	7.64	89.12	16.98
44	-129.75	86.50	-30.69	-45.83	-20.06	10.55	82.58	16.58
45	-122.43	85.08	-27.69	-47.22	-21.81	12.46	75.28	16.16
46	-117.39	81.53	-26.51	-48.87	-21.90	14.05	70.88	15.59
47	-119.11	75.86	-25.72	-49.80	-19.80	17.65	68.04	15.28
48	-110.69	71.31	-23.65	-51.74	-21.46	19.89	66.49	14.76
49	-107.89	44.62	-24.92	-53.75	-21.03	22.11	63.48	13.88
50	-105.55	63.61	-24.05	-54.76	-20.72	23.75	57.51	13.33

RECORD=S-235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 CURVECTION=ARG.ERR.  
 STATION=AQMORL-S  
 TOTAL NUMBER OF DATA=13800

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

NO.	( 6000)	( 6050)	( 6100)	( 6150)	( 6200)	( 6250)	( 6300)	( 6350)	( 6400)	( 6450)
1	12.77	*99.36	*32.64	-12.40	25.96	24.69	-57.69	-14.68	49.48	*3.90
2	11.92	*100.05	*28.96	-12.42	28.95	16.04	-56.44	-14.20	51.89	*4.50
3	9.45	*101.17	*24.13	-13.11	30.87	14.92	-54.88	-14.28	57.85	*5.150
4	6.98	*101.90	*20.332	-13.51	34.84	13.12	-52.56	-13.76	61.45	*5.90
5	5.29	*101.90	*20.69	-13.80	37.24	8.26	-50.96	-12.76	63.34	*5.90
6	3.79	*101.90	*15.70	-13.92	38.62	5.29	-49.67	-11.66	66.02	*6.21
7	1.60	*101.90	*15.60	-14.43	39.67	3.60	-48.55	-10.37	67.46	*7.51
8	-0.00	*101.88	*15.79	-15.02	40.94	1.90	-47.83	-8.98	69.71	*7.91
9	-0.91	*101.74	*15.48	-15.52	42.68	0.40	-46.47	-7.68	70.10	*9.02
10	-5.90	*101.50	*15.10	-16.94	44.36	-0.60	-46.20	-5.99	70.10	*9.98
11	-9.91	*101.46	*15.11	-16.64	45.67	-3.91	-46.15	-4.39	69.99	*13.56
12	-6.62	*101.30	*15.51	-17.23	47.61	-7.11	-46.15	-2.70	69.76	*15.20
13	-8.62	*101.30	*15.52	-17.59	49.16	-8.21	-46.20	-1.40	68.69	*17.16
14	-9.61	*101.22	*15.90	-17.68	50.14	-9.11	-46.38	-0.50	67.72	*18.24
15	-10.22	*100.92	*15.90	-17.06	51.43	-9.93	-47.02	0.10	65.08	*20.18
16	-15.70	*100.96	*15.89	-16.48	52.96	-11.55	-47.69	1.70	65.56	*21.98
17	-17.61	*100.87	*15.68	-16.08	54.29	-12.40	-48.35	1.90	54.19	*22.03
18	-19.17	*101.24	*15.27	-15.63	55.69	-15.25	-49.27	2.50	51.60	*23.32
19	-20.16	*101.40	*14.59	-14.66	57.10	-16.26	-50.07	3.10	47.56	*24.42
20	-21.95	*101.50	*12.19	-13.57	58.60	-17.94	-51.13	3.70	42.37	*25.97
21	-22.49	*101.97	*11.89	-12.68	59.53	-17.94	-52.11	4.00	39.56	*26.58
22	-23.28	*102.29	*11.59	-11.98	61.05	-18.25	-52.88	5.01	36.01	*27.70
23	-24.24	*102.78	*11.20	-11.36	62.48	-19.26	-52.84	6.81	30.45	*28.37
24	-27.54	*103.44	*11.19	-10.09	64.76	-19.94	-52.25	7.61	27.49	*29.33
25	-31.81	*103.99	*9.79	-9.79	66.41	-20.47	-51.83	8.22	25.43	*30.03
26	-34.17	*104.67	*10.59	-9.19	67.88	-21.27	-51.59	9.71	22.02	*30.74
27	-35.59	*105.35	*10.10	-8.59	69.44	-21.97	-51.11	10.41	17.77	*31.43
28	-40.18	*105.56	*10.10	-7.69	70.88	-22.71	-50.42	10.72	15.90	*31.97
29	-45.17	*105.46	*9.90	-6.99	71.90	-23.70	-49.07	11.42	14.16	*32.42
30	-46.91	*105.40	*9.69	-5.70	71.89	-24.86	-46.92	12.13	13.07	*33.41
31	-48.09	*104.98	*9.38	-5.69	71.74	-28.21	-44.87	13.24	9.67	*34.51
32	-51.62	*103.72	*8.60	-4.20	71.11	-30.13	-42.80	14.38	8.19	*35.98
33	-55.20	*102.36	*8.69	-4.20	69.96	-32.26	-39.50	16.14	7.49	*37.20
34	-56.65	*101.28	*8.30	-3.40	68.98	-33.77	-36.19	16.84	6.39	*39.68
35	-60.46	*99.86	*8.20	-2.10	67.45	-34.94	-35.68	17.56	5.29	*42.79
36	-60.08	*99.45	*8.20	-1.40	64.72	-36.68	-34.30	18.44	3.90	*44.42
37	-63.03	*98.26	*8.20	0.00	63.96	-39.40	-31.07	19.04	3.10	*45.76
38	-64.94	*97.58	*8.20	1.90	62.89	-41.44	-27.51	19.57	1.90	*46.71
39	-68.50	*94.29	*6.30	2.80	61.03	-42.87	-25.43	20.48	0.80	*47.59
40	-70.98	*90.85	*6.20	3.91	58.62	-44.71	-24.66	21.48	0.	*48.62
41	-73.33	*88.94	*8.20	5.91	56.80	-46.07	-22.35	23.27	0.	*51.89
42	-75.25	*86.85	*8.31	7.72	55.13	-47.11	-21.65	24.63	0.	*54.78
43	-81.10	*84.89	*8.71	9.22	53.46	-48.50	-19.22	24.96	-0.00	*57.17
44	-84.17	*80.38	*9.60	10.55	51.28	-50.52	-17.03	26.51	-0.10	*59.41
45	-85.68	*74.19	*9.61	12.47	49.22	-54.07	-15.89	29.86	-0.40	*61.43
46	-89.73	*71.81	*9.91	14.59	47.72	-55.83	-15.68	32.27	-1.00	*67.78
47	-93.43	*62.16	*10.52	16.57	46.49	-57.04	-15.30	34.81	-1.80	*70.32
48	-95.71	*54.65	*11.31	19.64	44.66	-57.79	-15.28	37.89	-1.90	*72.61
49	-96.27	*48.57	*11.71	23.46	40.89	-58.64	-14.80	39.78	-3.00	*74.81
50	-97.97	*41.75	*12.06	24.59	32.47	-57.90	-14.75	45.19	-3.45	*77.83

NO.	RECORDS=235 DATE AND TIME=1968. 5.16. 9.49										COMPONENT=N-S		SIGNAL=GR.ACC.		CORRECTION=ARG.ERR.		STATION=AOHORI-S	
	( 6500 )	( 6550 )	( 6600 )	( 6650 )	( 6700 )	( 6750 )	( 6800 )	( 6850 )	( 6900 )	( 6950 )	TOTAL NUMBER OF DATA=13600	( 6500 )	( 6800 )	( 6850 )	( 6900 )	( 6950 )		
1	-79.71	9.88	11.91	14.29	-18.95	-3.90	-8.21	-3.40	-10.98	-25.86								
2	-79.90	9.08	12.21	14.00	-17.03	-3.10	-8.61	-2.80	-14.01	-25.56								
3	-80.01	7.87	12.41	13.90	-15.79	-2.40	-9.01	-2.60	-16.80	-25.26								
4	-80.31	6.49	12.71	13.90	-13.88	-2.00	-9.54	-2.20	-20.07	-24.95								
5	-80.77	3.99	13.10	13.79	-13.36	-1.80	-11.50	-1.70	-23.07	-24.57								
6	-81.41	-2.10	13.21	13.59	-12.38	-1.20	-11.52	-1.40	-23.61	-24.36								
7	-81.79	1.90	13.39	13.39	-11.89	-0.80	-12.22	-0.50	-23.15	-24.36								
8	-82.12	1.70	13.67	13.09	-11.66	-0.30	-15.85	-0.20	-30.71	-23.89								
9	-82.66	-1.20	12.98	12.73	-10.19	0.	-14.96	-0.10	-34.22	-23.79								
10	-83.44	8.50	12.48	13.60	-9.87	0.	-14.09	0.	-35.44	-23.65								
11	-83.90	0.	11.79	13.64	-8.49	1.20	-13.92	0.	-37.19	-23.29								
12	-83.46	0.	11.99	14.65	-7.59	0.40	-14.57	0.	-40.39	-23.15								
13	-82.12	0.00	11.61	-15.65	-6.99	0.	-16.13	0.00	-41.61	-22.79								
14	-80.80	2.20	11.90	-16.64	-6.09	0.00	-16.77	-0.10	-41.91	-22.74								
15	-80.33	3.20	12.06	-17.23	-5.20	-0.30	-17.81	-0.30	-42.64	-23.12								
16	-79.51	4.71	13.91	-17.74	-4.51	-0.70	-17.90	-0.10	-43.50	-23.83								
17	-77.18	5.91	14.11	-18.36	-5.90	-1.20	-17.92	0.	-43.42	-23.56								
18	-72.86	6.81	14.41	-19.14	-6.41	-1.70	-18.20	0.	-43.06	-23.28								
19	-66.61	7.60	14.75	-19.66	-7.01	-2.10	-18.14	0.00	-42.55	-23.17								
20	-64.26	7.80	15.72	-20.38	-7.50	-2.50	-17.26	0.30	-42.15	-22.76								
21	-63.48	8.10	16.09	-21.24	-7.80	-2.50	-16.66	0.40	-41.50	-22.41								
22	-62.16	8.42	15.83	-21.62	-7.91	-2.70	-16.01	0.70	-40.80	-22.49								
23	-61.90	9.41	14.36	-21.81	-8.30	-3.20	-14.38	1.00	-40.94	-22.40								
24	-60.72	9.70	11.21	-21.90	-8.30	-3.40	-13.88	1.30	-41.46	-22.36								
25	-58.64	9.90	7.74	-21.91	-7.90	-3.60	-13.27	1.70	-42.17	-21.99								
26	-56.12	10.01	3.00	-22.00	-7.70	-3.60	-12.47	1.70	-43.12	-21.88								
27	-53.55	10.61	0.40	-22.01	-7.39	-1.90	-11.68	2.20	-44.07	-21.67								
28	-52.15	11.02	-0.00	-22.11	-6.150	-1.90	-10.98	2.40	-44.60	-21.45								
29	-48.97	11.61	-4.20	-22.21	-6.00	-3.10	-10.10	2.60	-44.87	-21.90								
30	-45.37	12.01	4.71	-22.26	-5.89	-4.60	-9.89	3.10	-44.53	-21.95								
31	-43.85	12.42	-6.21	-21.99	-5.10	-4.60	-9.39	3.20	-44.05	-22.48								
32	-42.81	13.10	-7.51	-21.66	-4.60	-3.90	-8.79	3.50	-43.54	-22.48								
33	-42.01	13.01	-8.51	-20.37	-3.90	-3.90	-8.40	3.70	-43.06	-23.12								
34	-41.52	13.82	-9.15	-20.08	-3.10	-4.70	-8.40	3.90	-42.32	-23.33								
35	-40.81	13.93	-10.62	-19.90	-2.40	-4.70	-7.90	3.90	-41.89	-23.55								
36	-39.90	14.66	-11.43	-19.97	-1.90	-3.90	-7.70	3.80	-41.86	-23.18								
37	-38.98	13.88	-12.44	-20.76	-1.20	-3.40	-7.51	3.60	-41.08	-22.96								
38	-37.34	13.37	-16.82	-21.54	-0.60	-2.80	-8.02	3.60	-40.52	-22.56								
39	-35.34	12.67	-14.22	-21.72	-0.30	-2.60	-9.30	3.00	-39.89	-21.69								
40	-33.19	11.90	-14.74	-21.93	-0.30	-2.50	-9.49	1.00	-38.91	-20.65								
41	-30.37	11.77	-15.52	-22.26	-0.30	-2.50	-8.09	0.60	-37.82	-20.07								
42	-26.67	10.69	-15.92	-22.86	-0.30	-2.50	-8.67	-0.00	-36.32	-19.67								
43	-24.58	10.09	-16.34	-23.55	-0.30	-2.50	-8.69	-0.20	-33.07	-19.26								
44	-22.92	9.81	-17.03	-23.72	-0.30	-2.50	-8.29	-0.20	-33.07	-19.26								
45	-21.26	9.90	-17.44	-23.88	-0.30	-2.50	-7.89	-0.30	-32.21	-18.78								
46	-18.92	10.12	-16.56	-23.64	-0.30	-2.50	-7.49	-0.30	-31.64	-18.56								
47	-17.67	11.11	-15.99	-23.11	-0.30	-2.50	-6.99	-0.30	-30.56	-17.99								
48	-14.35	11.41	-15.89	-22.55	-0.30	-2.50	-6.49	-0.30	-29.52	-17.75								
49	-13.29	11.71	-15.67	-22.17	-0.30	-2.50	-6.09	-0.30	-27.11	-17.68								
50	-11.55	11.60	-14.97	-21.68	-0.30	-2.50	-5.61	-0.30	-26.41	-17.39								
																-15.03		

NO.	RECORD=S-265 DATE AND TIME=1963. 5.16. 9.49					COMPONENT=N-S					SIGNAL=GR.ACC. SAMPLING INTERVAL= 0.010(SEC)					CORRECTION=ARC.ERR. FORMAT NO.=301					STATION=AOHORI-S TOTAL NUMBER OF DATA=13800				
	( 7000)	( 7050)	( 7100)	( 7150)	( 7200)	( 7250)	( 7300)	( 7350)	( 7400)	( 7450)	( 7000)	( 7050)	( 7100)	( 7150)	( 7200)	( 7250)	( 7300)	( 7350)	( 7400)	( 7450)					
1	-14.67	21.36	9.18	-57.79	-21.22	-17.85	-4.30	5.70	-1.00	-59.45															
2	-13.92	22.03	8.09	-57.35	-20.39	-18.28	-4.30	6.30	-2.00	-59.83															
3	-12.09	23.22	7.58	-56.79	-19.19	-19.66	-4.20	6.81	-5.70	-59.98															
4	-11.86	23.47	6.09	-56.20	-17.85	-20.94	-5.00	7.91	-8.90	-60.00															
5	-11.55	24.02	5.29	-55.67	-17.08	-20.54	-5.00	8.52	-4.30	-60.00															
6	-10.00	24.33	3.90	-54.86	-16.67	-21.50	-5.00	9.63	-5.71	-59.77															
7	-9.86	25.30	3.40	-54.12	-16.48	-21.50	-5.00	10.90	-5.71	-59.47															
8	-7.96	25.99	4.20	-53.78	-15.89	-21.50	-4.70	11.02	-5.61	-58.88															
9	-4.99	26.59	1.90	-53.70	-15.68	-21.50	-4.80	11.65	-7.66	-58.19															
10	-3.90	27.19	1.40	-53.46	-15.25	-21.50	-4.30	11.65	-8.72	-57.51															
11	-3.89	27.73	1.00	-53.00	-14.20	-21.50	-3.90	13.40	-9.93	-55.59															
12	-2.20	27.90	1.00	-52.56	-14.50	-21.50	-3.30	13.43	-11.35	-53.08															
13	-1.90	27.90	0.20	-52.28	-14.30	-21.48	-3.00	14.25	-13.05	-49.68															
14	-1.90	27.90	0.	-52.06	-14.28	-21.28	-2.50	15.51	-13.05	-46.99															
15	-1.59	27.90	0.	-51.12	-13.89	-21.04	-2.50	17.55	-14.97	-43.90															
16	-0.70	27.87	-0.00	-50.23	-13.69	-20.47	-2.50	18.39	-16.08	-39.63															
17	-0.20	27.58	-0.40	-49.95	-13.40	-20.17	-2.50	19.57	-17.54	-37.39															
18	0.	27.54	-0.80	-49.59	-13.40	-19.88	-2.60	20.36	-18.18	-36.03															
19	0.	27.09	-1.30	-48.59	-13.40	-19.66	-2.60	21.02	-19.26	-34.65															
20	0.	26.83	-1.60	-47.66	-13.40	-19.10	-2.60	21.26	-19.96	-31.09															
21	0.	25.97	-1.90	-46.75	-13.41	-17.85	-2.50	21.50	-21.45	-27.97															
22	0.	25.73	-1.90	-45.64	-13.71	-17.03	-2.50	21.52	-21.98	-27.53															
23	0.	25.18	-2.20	-44.73	-13.90	-15.85	-2.60	21.66	-22.81	-25.96															
24	0.	24.34	-2.80	-43.94	-13.90	-14.95	-2.60	21.27	-23.81	-24.93															
25	0.00	23.90	-3.10	-42.99	-13.90	-13.87	-2.60	20.92	-24.84	-23.40															
26	0.10	23.89	-3.80	-41.18	-13.90	-13.07	-2.50	20.10	-26.00	-20.41															
27	0.10	23.78	-4.70	-39.63	-13.90	-12.38	-2.50	20.06	-27.42	-20.44															
28	0.10	23.55	-5.60	-39.10	-13.90	-11.89	-2.50	19.49	-28.74	-19.69															
29	0.10	23.12	-6.90	-38.78	-13.90	-11.48	-2.30	18.18	-29.64	-18.46															
30	0.	22.45	-8.00	-38.07	-13.90	-10.78	-1.80	17.85	-30.86	-17.87															
31	0.	21.99	-9.90	-37.97	-13.90	-10.09	-0.50	17.14	-31.71	-17.44															
32	0.	21.90	-9.90	-37.84	-13.90	-9.28	0.	16.14	-32.82	-16.56															
33	0.	21.90	-9.90	-37.78	-13.92	-8.49	0.10	15.13	-34.12	-15.89															
34	0.	21.86	-9.90	-37.21	-14.43	-8.09	0.	13.75	-35.17	-15.66															
35	0.00	21.43	-9.90	-36.88	-15.11	-7.88	0.	12.44	-36.72	-14.95															
36	0.20	20.73	-6.51	-36.21	-15.40	-7.89	0.	10.78	-38.51	-13.99															
37	0.60	19.98	-7.73	-35.02	-15.41	-5.20	0.	9.89	-40.15	-13.66															
38	1.60	19.73	-10.12	-33.86	-15.49	-4.60	0.	9.19	-41.57	-12.77															
39	1.90	18.92	-13.04	-31.24	-15.40	-4.60	0.	8.39	-42.79	-11.88															
40	2.60	17.81	-24.06	-29.78	-15.40	-4.60	0.	7.58	-44.16	-11.38															
41	3.80	16.47	-28.20	-27.92	-15.41	-4.70	0.00	6.49	-45.83	-10.79															
42	4.71	15.86	-39.23	-27.23	-15.46	-4.70	0.30	5.00	-47.48	-10.29															
43	5.92	15.15	-46.27	-25.76	-14.80	-4.60	0.40	4.60	-48.25	-9.69															
44	6.71	14.07	-47.67	-25.44	-14.80	-4.50	0.70	4.10	-49.22	-8.19															
45	9.64	13.46	-52.47	-25.01	-14.80	-4.50	1.20	3.70	-50.68	-8.59															
46	11.64	12.38	-57.05	-24.35	-14.80	-4.50	1.80	2.60	-52.40	-7.90															
47	13.05	11.77	-57.90	-23.94	-14.80	-4.50	2.20	2.00	-54.16	-7.90															
48	15.05	10.78	-58.19	-23.31	-14.85	-4.50	2.80	1.10	-56.15	-7.90															
49	16.68	9.89	-58.30	-21.89	-15.88	-4.50	3.70	0.20	-57.65	-7.90															
50	19.09	9.54	-58.04	-21.57	-16.86	-4.40	4.70	-0.20	-58.71	-7.50															

RECORDS=235 DATE AND TIME=1968, 516, 9.49	COMPONENT=N-S SAMPLING INTERVAL= 0.010(SEC)	SIGNAL=GR.ACC.	CORRECTION=ARC.ERR. FORMAT NO.=301	STATION=AOMORI-S TOTAL NUMBER OF DATA=13800						
NO.	( 7500)	( 7600)	( 7700)	( 7750)	( 7800)	( 7850)	( 7900)	( 7950)		
1	-7.09	-27.73	1.60	1.00	-51.48	24.72	4.29	-89.07	-3.70	11.99
2	-6.40	-23.24	1.90	-8.71	-29.62	26.45	1.90	-86.17	-2.90	14.77
3	-5.90	-30.05	2.40	-7.01	-28.51	28.19	1.60	-87.90	-1.80	16.25
4	-5.49	-30.95	2.80	-7.97	-27.85	29.71	1.00	-87.77	-0.20	17.16
5	-4.50	-31.99	3.10	-12.74	-27.44	30.18	0.10	-87.70	0.20	19.16
6	-4.00	-32.55	3.50	-16.89	-26.20	30.77	-0.00	-87.32	1.60	20.05
7	-3.90	-33.52	3.71	-13.78	-25.81	33.64	-0.20	-86.56	1.90	21.72
8	-3.20	-33.92	3.70	-15.71	-25.18	34.73	-1.20	-86.05	2.60	23.50
9	-1.90	-33.50	6.61	-24.34	-24.84	35.84	-3.71	-85.67	4.00	27.23
10	-1.30	-33.04	7.51	-23.86	-23.86	36.81	-7.70	-84.75	4.60	28.07
11	-0.70	-32.50	6.01	-18.67	-23.54	37.48	-7.92	-83.90	5.10	29.46
12	-0.50	-32.04	8.61	-23.28	-22.17	39.50	-9.75	-83.46	5.60	32.01
13	-0.10	-30.32	9.02	-24.15	-21.84	39.90	-12.51	-82.78	6.10	32.63
14	0.	-28.87	9.91	-26.21	-21.22	40.69	-15.77	-81.77	6.40	33.64
15	0.	-28.89	10.22	-28.12	-20.45	41.63	-17.16	-81.19	6.40	34.89
16	0.00	-28.83	11.22	-29.68	-19.87	42.67	-18.18	-79.42	6.30	36.79
17	0.40	-25.63	11.81	-34.62	-19.53	43.60	-19.27	-76.32	6.30	38.74
18	1.00	-23.95	12.02	-37.05	-18.75	44.07	-20.18	-73.38	6.30	41.06
19	1.20	-23.41	12.54	-38.15	-18.07	44.58	-21.07	-71.87	6.30	42.99
20	1.50	-21.80	13.61	-38.70	-17.52	45.08	-21.75	-69.68	6.40	44.19
21	1.70	-19.82	13.95	-39.82	-16.37	45.73	-22.31	-64.64	6.40	46.28
22	1.90	-17.68	15.16	-41.96	-15.90	46.13	-23.27	-59.40	6.40	47.54
23	1.90	-15.89	16.37	-42.28	-15.83	46.90	-23.65	-56.37	6.40	48.20
24	1.90	-13.87	17.58	-43.06	-14.47	47.01	-24.33	-53.76	6.40	49.33
25	3.00	-13.18	18.81	-43.54	-13.81	48.35	-25.46	-49.05	6.40	50.82
26	3.00	-12.56	20.29	-45.44	-11.66	49.42	-27.47	-43.45	6.20	51.74
27	3.10	-11.28	21.26	-50.64	-10.29	50.23	-29.53	-39.02	6.20	52.29
28	3.30	-10.59	21.86	-53.80	-9.69	50.93	-30.46	-36.27	6.20	52.68
29	3.30	-9.99	22.50	-54.91	-9.27	51.43	-32.01	-32.74	6.30	52.70
30	2.00	-9.69	23.21	-55.56	-7.88	51.77	-32.49	-26.94	6.30	52.70
31	1.00	-8.98	24.24	-56.58	-6.20	53.10	-32.94	-25.23	6.30	52.58
32	0.80	-7.99	19.92	-55.14	-5.89	54.67	-33.50	-23.50	6.10	52.27
33	0.80	-7.39	16.93	-54.05	-5.09	55.65	-33.85	-23.39	6.20	51.87
34	0.	-6.40	18.09	-53.84	-3.89	56.65	-34.12	-21.60	5.90	51.42
35	0.	-5.90	17.80	-52.67	-0.80	56.52	-34.94	-12.67	6.10	50.87
36	-2.90	-5.40	16.36	-51.73	0.00	56.03	-36.57	-11.68	6.10	50.44
37	-3.60	-4.70	15.65	-50.58	4.11	53.46	-37.50	-11.09	6.40	50.25
38	-4.10	-4.00	14.74	-50.58	6.11	50.96	-40.13	-10.69	6.50	50.04
39	-4.72	-3.20	13.37	-49.59	7.61	49.02	-46.99	-10.19	6.80	49.69
40	-4.82	-2.10	12.58	-48.89	8.63	45.27	-50.87	-9.69	7.30	49.19
41	-9.90	-1.80	11.90	-47.49	10.87	41.11	-58.26	-9.19	7.60	48.25
42	-9.96	-1.50	11.89	-46.08	13.54	37.94	-66.78	-8.49	7.90	46.94
43	-12.78	-1.20	11.58	-44.56	14.56	33.64	-73.66	-7.90	8.10	43.74
44	-15.21	-1.10	10.98	-41.91	15.90	31.46	-78.27	-7.69	8.40	38.94
45	-17.44	0.60	10.35	-39.37	17.83	26.23	-84.82	-7.29	8.60	35.34
46	-18.06	0.	7.98	-37.19	19.94	18.08	-86.98	-6.50	8.80	31.45
47	-19.04	0.	6.19	-35.50	20.57	13.72	-87.92	-5.99	9.11	26.35
48	-21.90	0.00	4.39	-35.05	22.47	11.90	-88.83	-5.19	9.62	23.45
49	-23.20	0.80	2.70	-33.27	23.53	8.04	-89.67	-4.45	10.78	18.67

RECORDS=255  
 DATE AND TIME=1968. 5.16. 9.49 COMPONENT=N-S SIGNAL=GR.ACC. CURRECTION=ARC.ERR. STATION=AOMORI-S TOTAL NUMBER OF DATA=13800  
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301

NO.	( 8000)	( 8050)	( 8100)	( 8150)	( 8200)	( 8250)	( 8300)	( 8350)	( 8400)	( 8450)
1	14.17	-77.89	0.	2.70	-0.50	-51.97	13.00	50.03	-64.20	-16.55
2	11.15	-77.16	0.	3.20	-0.70	-32.29	13.02	45.22	-65.40	-15.60
3	9.31	-76.12	0.	3.50	-0.70	-32.60	13.61	40.70	-66.44	-13.64
4	4.68	-74.29	0.	3.71	-1.10	-32.62	13.80	37.42	-68.40	-12.01
5	0.50	-71.20	-0.00	6.90	-1.10	-32.65	13.80	32.95	-69.00	-9.08
6	-0.60	-67.86	-0.50	6.61	-1.10	-32.69	13.90	26.09	-69.00	-7.88
7	-2.00	-66.86	-1.60	7.21	-1.50	-31.87	13.90	22.92	-69.30	-6.69
8	-3.53	-62.96	-1.00	7.80	-1.90	-31.19	13.91	20.85	-69.30	-5.89
9	-10.13	-51.03	-1.30	8.11	-2.40	-30.09	14.22	14.39	-69.30	-5.19
10	-11.63	-46.77	-1.90	8.81	-3.40	-28.59	14.63	9.88	-69.29	-4.00
11	-12.84	-43.94	-1.50	9.21	-4.60	-27.41	15.24	8.62	-68.90	-3.10
12	-15.08	-40.77	-1.50	9.51	-5.21	-25.27	15.55	3.90	-68.60	-2.10
13	-16.00	-46.02	-1.50	9.90	-7.51	-20.66	16.20	2.50	-68.20	-1.40
14	-17.79	-43.28	-1.20	9.69	-8.22	-18.82	17.83	-0.80	-67.81	-0.30
15	-19.30	-42.10	-0.90	9.59	-9.52	-17.83	18.26	-1.70	-67.32	0.00
16	-21.76	-36.81	-0.90	8.99	-10.61	-16.82	19.25	-2.90	-66.82	0.50
17	-23.60	-31.19	-0.70	8.49	-10.72	-15.24	21.05	-4.21	-66.15	1.70
18	-24.21	-29.75	-0.70	8.09	-11.41	-14.65	21.55	-8.02	-65.73	2.30
19	-25.13	-28.22	-0.70	7.59	-11.92	-13.16	22.04	-9.62	-65.34	3.00
20	-26.27	-25.30	-0.70	6.59	-12.52	-9.57	22.57	-10.83	-64.76	3.70
21	-27.93	-21.20	-0.80	5.59	-13.22	-8.08	24.14	-12.05	-64.26	4.00
22	-28.92	-18.84	-0.60	4.40	-13.73	-6.98	25.56	-13.55	-62.85	4.80
23	-30.62	-17.51	-1.00	3.90	-14.40	-4.99	28.66	-14.87	-62.05	5.20
24	-31.78	-16.23	-0.90	3.40	-14.42	-4.00	30.17	-16.39	-61.26	5.50
25	-33.06	-14.92	-0.90	3.10	-14.82	-2.80	31.49	-18.15	-59.73	5.50
26	-34.10	-13.09	-1.00	3.20	-15.21	-1.90	32.49	-21.60	-58.78	5.80
27	-35.07	-7.69	-0.90	3.10	-15.40	-0.60	33.97	-23.51	-58.17	6.10
28	-36.27	-6.59	-0.60	3.40	-15.42	0.60	35.70	-24.49	-57.80	6.30
29	-37.11	-5.29	-0.50	3.80	-15.71	1.60	37.78	-26.02	-56.59	6.30
30	-38.45	-4.29	-0.20	3.80	-15.92	3.20	41.13	-27.49	-56.06	6.50
31	-39.74	-2.20	-0.10	3.90	-16.21	5.31	42.48	-29.00	-55.64	6.80
32	-41.35	-1.70	0.	4.10	-16.62	6.51	43.89	-31.58	-55.05	6.80
33	-43.51	-0.20	0.	4.10	-16.72	7.41	45.17	-33.29	-54.24	7.00
34	-45.65	0.20	0.	4.00	-17.14	7.91	46.74	-35.83	-53.41	7.00
35	-46.52	1.10	0.00	4.00	-17.73	8.41	48.56	-37.11	-52.11	6.80
36	-47.58	2.10	0.80	4.00	-18.14	9.01	51.68	-38.51	-51.01	6.60
37	-48.65	3.00	1.10	3.70	-18.75	9.61	54.15	-39.88	-49.65	6.20
38	-49.84	3.90	1.40	3.50	-19.51	9.91	55.80	-41.89	-47.87	5.80
39	-51.11	4.20	1.40	3.10	-20.86	10.41	57.38	-44.29	-44.97	5.20
40	-52.54	4.60	1.40	2.80	-22.48	11.01	58.38	-46.10	-42.00	4.80
41	-53.70	4.70	1.60	2.40	-23.17	11.41	59.55	-47.99	-40.86	4.80
42	-51.89	4.60	1.40	1.90	-23.78	11.90	60.45	-49.32	-39.30	4.50
43	-63.64	4.20	1.40	1.60	-24.49	12.00	61.00	-50.50	-36.92	4.20
44	-63.83	3.60	1.40	1.50	-25.22	12.00	61.18	-51.74	-32.76	4.10
45	-72.64	2.80	1.40	1.00	-26.25	12.01	60.88	-53.27	-31.12	3.90
46	-73.29	2.30	1.50	0.40	-27.78	12.30	60.57	-55.83	-29.01	3.60
47	-76.73	1.60	1.40	0.10	-28.34	12.31	60.11	-57.87	-27.30	3.60
48	-77.94	1.20	1.70	-0.00	-29.13	12.61	59.25	-59.51	-24.59	3.40
49	-78.36	0.80	2.00	-29.99	-29.99	12.60	57.18	-61.60	-20.66	3.40
50	-78.51	0.40	2.35	-0.35	-31.03	12.90	53.82	-63.24	-18.41	3.30

NO.	RECORD=S=235 DATE AND TIME=1068. 5.16. 9.49										COMPONENT=N=S										SIGNAL=GR,ACC, CORRECTION=ARC,ERR, FORMAT NO.=301										STATION=AOHORI-S TOTAL NUMBER OF DATA=13800									
	( 8500)	( 8550)	( 8600)	( 8650)	( 8700)	( 8750)	( 8800)	( 8850)	( 8900)	( 8950)	( 8500)	( 8550)	( 8600)	( 8650)	( 8700)	( 8750)	( 8800)	( 8850)	( 8900)	( 8950)	( 8500)	( 8550)	( 8600)	( 8650)	( 8700)	( 8750)	( 8800)	( 8850)	( 8900)	( 8950)										
1	5.20	15.42	16.96	-18.60	2.80	6.70	-3.20	19.96	-14.64	-13.80																														
2	9.00	15.83	17.93	-18.59	3.20	-6.70	-2.70	20.34	-15.52	-11.88																														
3	2.90	16.37	-18.42	-18.51	3.40	-6.70	-2.30	20.85	-15.93	-10.57																														
4	2.60	17.50	18.70	-18.61	3.90	-6.80	-1.90	21.36	-16.54	-9.27																														
5	2.60	17.52	18.70	-18.69	3.90	-6.80	-1.70	21.93	-17.24	-7.88																														
6	2.60	17.80	18.71	-18.48	3.90	-7.20	-1.40	22.23	-17.94	-6.50																														
7	2.80	17.81	-18.92	-18.18	3.90	-7.20	-1.00	22.53	-18.54	-5.00																														
8	5.10	17.90	-19.22	-17.87	3.70	-7.40	-0.60	22.80	-19.04	-3.50																														
9	5.10	17.90	-19.54	-17.68	3.70	-7.70	-0.10	22.85	-19.55	-2.00																														
10	5.10	17.89	20.08	-17.10	3.70	-7.90	0.00	23.15	-20.20	-0.50																														
11	5.40	17.69	-20.99	-17.08	3.50	-8.10	0.10	23.50	-21.37	1.00																														
12	5.70	17.49	22.02	-16.68	3.20	-8.30	0.40	23.51	-22.03	2.50																														
13	5.90	17.28	23.12	-16.38	3.00	-8.60	0.80	23.62	-22.85	4.00																														
14	4.40	16.97	24.35	-16.08	3.10	-8.80	1.00	23.80	-23.90	5.50																														
15	4.70	16.50	-20.72	-15.78	3.10	-9.01	1.30	23.76	-24.77	7.00																														
16	5.10	16.50	23.91	-15.48	3.10	-9.30	1.70	23.46	-25.40	8.50																														
17	5.50	16.49	24.04	-15.08	3.10	-9.60	1.90	23.15	-26.15	10.00																														
18	5.50	16.28	24.33	-14.70	3.10	-9.60	2.20	22.74	-26.60	11.50																														
19	5.80	15.88	24.46	-14.70	3.10	-9.60	2.80	22.26	-27.27	13.00																														
20	5.80	15.58	24.16	-14.59	3.10	-9.09	3.30	21.85	-27.76	14.50																														
21	5.90	15.28	25.84	-14.39	3.10	-8.59	3.80	21.34	-28.19	16.00																														
22	6.40	14.79	23.41	-14.20	3.00	-8.20	4.10	20.74	-28.80	17.50																														
23	6.80	14.48	26.44	-14.30	2.60	-7.90	4.60	20.08	-29.44	19.00																														
24	7.31	14.07	22.93	-14.20	2.40	-7.70	5.20	18.70	-29.15	20.50																														
25	7.90	13.46	22.85	-14.09	2.10	-7.60	5.80	17.38	-29.42	22.00																														
26	8.21	12.47	-21.84	-13.88	1.90	-7.50	6.30	15.58	-29.94	23.50																														
27	8.81	11.69	21.24	-13.68	1.60	-7.60	6.81	13.35	-29.70	25.00																														
28	9.31	11.18	20.65	-12.91	1.60	-7.20	7.50	11.97	-29.70	26.50																														
29	9.71	10.39	20.06	-13.09	1.00	-6.80	7.90	11.06	-29.70	28.00																														
30	10.10	10.00	-19.55	-12.29	0.70	-6.50	8.21	9.68	-29.70	29.50																														
31	10.31	9.80	18.95	-11.99	0.50	-6.20	8.81	8.44	-29.70	31.00																														
32	10.71	9.79	-18.48	-11.69	0.10	-5.90	9.41	4.80	-29.70	32.50																														
33	11.01	9.50	17.90	-11.49	-0.00	-5.90	9.41	4.80	-29.70	34.00																														
34	11.30	9.50	-17.90	-11.49	-0.00	-5.70	10.21	3.89	-29.70	35.50																														
35	11.29	9.50	17.90	-11.09	-0.00	-5.70	10.21	2.10	-29.70	37.00																														
36	11.10	9.29	-17.89	-10.89	-1.50	-5.40	10.63	1.20	-29.70	38.50																														
37	11.11	8.59	17.71	-10.59	-1.90	-5.00	11.71	0.50	-29.50	40.00																														
38	11.41	7.76	17.79	-10.19	-2.40	-4.70	12.22	-1.10	-29.48	41.50																														
39	11.92	4.99	17.71	-9.29	-3.00	-4.40	12.92	-1.90	-29.34	43.00																														
40	12.62	3.49	-17.81	-8.68	-3.60	-4.00	13.62	-3.50	-29.01	44.50																														
41	13.21	1.20	-17.91	-7.39	-4.20	-3.90	14.03	-6.10	-28.48	46.00																														
42	13.52	0.00	-18.01	-6.79	-4.80	-3.90	14.64	-6.10	-28.64	47.50																														
43	13.90	1.30	-18.11	-5.80	-4.80	-3.70	15.45	-6.71	-26.23	49.00																														
44	13.90	3.01	18.21	-5.40	-4.80	-3.70	16.45	-8.01	-25.58	50.50																														
45	13.90	7.92	-18.68	-4.59	-5.10	-3.70	17.25	-8.82	-23.91	52.00																														
46	13.91	9.74	18.11	-3.10	-5.50	-3.70	17.62	-10.32	-21.59	53.50																														
47	14.10	-11.94	18.11	3.10	-5.70	-3.50	17.92	-11.12	-19.64	55.00																														
48	14.11	-13.36	-18.30	-1.80	-5.70	-3.20	18.23	-11.71	-18.92	56.50																														
49	14.42	-14.95	-18.32	1.40	-6.00	-3.20	19.53	-12.04	-17.83	58.00																														
50	14.92	-15.95	-18.46	2.10	-6.50	-3.20	19.62	-14.03	-15.128	59.50																														

RECORD=S-235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR,ACC,  
 SAMPLING INTERVAL= 0.010(SEC)  
 CORRECTION=ARC,ERR,  
 FORMAT NO.=301  
 STATION=ADHORI-S  
 TOTAL NUMBER OF DATA=13800

NO.	( 9000)	( 9050)	( 9100)	( 9150)	( 9200)	( 9250)	( 9300)	( 9350)	( 9400)	( 9450)
1	6.60	-36.54	-5.79	7.41	32.89	-13.92	70.38	8.10	14.33	18.37
2	6.50	-37.73	-5.09	7.91	33.29	-14.43	-69.98	7.89	15.02	17.99
3	6.30	-39.22	4.10	8.41	33.65	-15.64	-69.57	7.40	15.46	17.89
4	6.30	-40.95	-5.00	9.01	33.85	-16.33	-68.69	7.10	16.55	17.69
5	6.30	-41.73	-2.50	9.62	34.12	-16.94	-67.63	7.00	17.33	17.58
6	5.90	-43.39	-1.40	10.83	34.50	-17.53	-65.84	7.00	17.80	17.29
7	5.90	-45.49	-0.50	11.82	34.50	-18.04	-64.37	6.60	18.34	17.08
8	5.90	-46.66	0.20	12.42	34.50	-18.43	-62.53	6.60	18.85	16.81
9	5.90	-47.89	0.70	13.13	34.50	-19.00	-57.96	6.60	19.45	16.99
10	5.90	-48.96	1.20	13.83	34.45	-19.02	-55.07	6.59	20.00	16.80
11	5.80	-49.66	1.50	14.65	34.27	-19.37	-53.31	6.00	20.03	16.80
12	5.70	-50.33	1.90	15.66	34.20	-20.27	-50.68	6.00	20.36	16.80
13	5.70	-51.20	1.90	16.74	34.18	-21.09	-46.26	5.90	21.04	16.79
14	5.30	-52.00	2.20	17.34	34.05	-21.99	-42.11	5.60	21.43	16.69
15	5.10	-52.78	2.20	18.06	33.78	-22.90	-40.28	5.40	21.72	16.49
16	4.60	-53.47	2.20	18.84	33.28	-23.82	-37.08	5.20	21.93	16.38
17	4.20	-54.01	2.20	19.34	32.74	-24.84	-31.46	4.80	22.20	16.09
18	3.90	-54.20	2.40	19.80	32.07	-25.86	-29.82	4.30	22.22	15.88
19	3.60	-54.33	2.40	20.13	31.43	-26.33	-27.79	4.40	22.39	15.48
20	3.40	-54.40	2.40	20.44	30.58	-27.27	-24.89	4.20	22.30	15.17
21	2.40	-54.46	2.20	20.87	29.46	-28.32	-19.42	4.20	22.30	14.59
22	1.90	-54.44	2.20	21.56	28.16	-29.04	-17.34	4.20	22.31	14.28
23	0.80	-54.34	2.40	22.14	26.79	-29.37	-16.31	4.20	22.40	13.88
24	0.20	-54.30	2.20	22.57	25.38	-31.68	-14.56	4.40	22.39	13.38
25	-0.00	-54.30	2.00	23.21	23.87	-33.92	-9.57	4.50	22.28	12.76
26	-1.10	-54.05	1.60	24.16	22.70	-34.66	-8.09	4.80	22.08	11.67
27	-1.70	-53.35	1.20	24.66	21.02	-36.23	-7.37	4.80	21.90	10.58
28	-2.20	-52.24	1.90	25.14	19.93	-37.94	-4.80	4.80	21.90	9.88
29	-2.50	-50.71	1.10	25.46	16.83	-39.19	-3.90	5.20	21.90	8.75
30	-3.20	-47.94	1.10	25.86	14.15	-40.66	-2.70	5.50	21.90	5.79
31	-5.11	-45.37	1.20	26.26	13.03	-43.00	-1.20	5.90	21.89	4.29
32	-9.62	-43.80	1.10	26.80	11.16	-45.84	0.00	6.20	21.78	2.60
33	-9.23	-41.86	1.10	26.86	9.37	-47.21	1.00	6.40	21.60	1.20
34	-13.63	-40.05	1.10	27.06	8.24	-49.24	2.40	6.81	21.60	0.20
35	-11.94	-38.29	1.10	27.48	4.19	-51.13	3.40	7.60	21.60	-0.60
36	-13.26	-35.86	1.10	27.98	1.80	-53.28	5.00	7.91	21.60	-1.10
37	-14.76	-31.09	1.10	28.22	0.20	-55.14	5.60	8.31	21.58	-1.90
38	-16.04	-30.31	1.10	29.17	-0.80	-57.89	6.31	8.70	21.40	-2.90
39	-18.67	-28.30	1.40	29.52	-1.90	-61.90	7.01	9.01	21.38	-3.50
40	-20.90	-25.35	1.00	29.60	-3.00	-62.32	7.71	9.30	21.18	-3.90
41	-22.12	-21.72	1.90	29.66	-3.91	-63.74	8.11	9.51	20.98	-4.50
42	-24.11	-19.96	1.80	29.90	-5.91	-64.80	8.50	9.80	20.76	-5.30
43	-25.05	-18.30	1.80	29.98	-7.43	-65.82	8.60	9.91	20.39	-5.70
44	-25.22	-16.97	2.50	30.40	-9.71	-66.47	8.60	10.31	20.27	-6.10
45	-27.92	-15.40	3.20	30.88	-10.21	-67.77	8.60	10.61	19.99	-6.40
46	-30.16	-14.36	3.60	31.28	-10.72	-69.01	8.80	11.01	19.89	-6.70
47	-31.09	-12.36	4.20	31.63	-11.63	-69.71	8.80	11.41	19.77	-7.00
48	-32.49	-11.21	4.81	31.99	-12.51	-70.12	8.60	11.91	19.38	-7.30
49	-34.02	-7.88	5.40	32.34	-12.92	-70.31	8.50	12.16	19.07	-7.70
50	-35.21	-6.84	5.91	32.61	-13.42	-70.49	8.30	13.24	18.72	-7.95

RECORDS=205	COMPONENT=N-S	SIGNAL=GR.ACC.	CORRECTION=APCERR.	STATION=AMORI-S						
DATE AND TIME=1968. 5.16. 9.49	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=10800							
NO.	( 9200)	( 9550)	( 9600)	( 9650)	( 9700)	( 9750)	( 9800)	( 9850)	( 9900)	( 9950)
1	-8.21	-89.76	-5.70	5.80	26.44	-6.00	-25.38	-6.60	-4.70	15.39
2	-8.71	-70.50	-5.50	5.90	22.14	-6.30	-21.94	-6.50	-4.20	15.20
3	-9.21	-70.52	-5.70	5.90	21.21	-6.41	-20.32	-6.50	-3.70	15.20
4	-9.90	-70.79	-5.20	6.00	17.48	-7.01	-18.41	-6.81	-3.10	15.20
5	-10.01	-70.57	-5.10	6.20	15.58	-7.50	-17.22	-7.40	-2.40	15.21
6	-10.41	-70.89	-5.20	6.40	13.34	-7.91	-15.89	-7.70	-1.70	15.42
7	-10.91	-69.88	-4.90	6.40	11.86	-8.42	-13.87	-7.90	-1.10	15.70
8	-11.31	-69.48	-4.60	6.60	10.38	-8.92	-13.05	-8.21	0.00	15.69
9	-11.71	-68.80	-4.30	6.60	9.58	-10.42	-11.63	-9.01	0.20	15.58
10	-11.91	-68.40	-4.00	7.11	8.79	-11.54	-9.38	-9.61	1.30	15.30
11	-12.22	-67.81	-3.70	7.80	7.99	-12.75	-8.29	-9.91	2.50	15.17
12	-12.72	-67.82	-3.20	8.01	7.19	-14.25	-7.69	-10.20	3.30	14.58
13	-13.32	-66.00	-2.70	8.41	6.19	-15.44	-7.09	-10.20	4.30	14.19
14	-13.92	-65.09	-2.10	9.11	5.10	-16.28	-6.40	-10.20	4.70	13.99
15	-14.32	-63.82	-1.60	9.61	4.20	-17.97	-6.00	-10.40	5.30	13.78
16	-14.75	-62.19	-1.40	10.01	3.70	-18.66	-5.70	-10.50	5.80	13.38
17	-15.02	-60.27	-1.10	10.62	3.10	-22.62	-5.40	-10.40	6.10	12.98
18	-15.72	-58.21	-0.60	11.45	2.60	-24.84	-5.10	-10.40	6.50	12.50
19	-16.03	-56.31	-0.30	12.53	2.20	-25.99	-4.80	-10.29	7.00	12.40
20	-16.53	-54.31	-0.10	13.44	1.70	-27.26	-4.50	-10.00	7.30	12.29
21	-17.03	-51.94	0.	14.56	1.20	-28.20	-4.30	-10.00	7.70	11.89
22	-17.54	-47.90	0.	15.26	0.40	-28.86	-4.30	-10.00	8.00	11.49
23	-18.15	-44.40	0.	16.46	0.	-29.77	-4.00	-9.90	8.31	11.07
24	-18.88	-42.84	0.	17.44	0.	-30.70	-3.90	-9.90	9.01	10.09
25	-19.97	-40.42	0.00	18.02	0.10	-31.71	-3.90	-9.90	9.61	9.69
26	-20.79	-37.67	0.20	18.79	0.50	-32.73	-3.90	-9.90	10.12	8.98
27	-21.60	-34.57	0.60	19.93	0.50	-33.57	-3.90	-9.90	11.22	7.89
28	-22.86	-30.21	0.30	20.57	0.70	-33.87	-3.70	-9.90	11.81	7.29
29	-24.17	-29.09	0.50	21.18	1.20	-34.20	-3.50	-9.90	12.01	5.99
30	-24.81	-27.44	0.40	21.95	1.60	-34.65	-3.20	-9.90	12.42	4.60
31	-25.65	-25.68	0.70	22.48	1.90	-35.21	-3.20	-10.10	13.11	4.30
32	-26.78	-22.58	1.10	23.26	2.20	-35.55	-3.20	-10.30	13.42	4.00
33	-28.07	-18.27	1.40	24.56	2.50	-35.75	-3.20	-10.50	13.81	3.80
34	-29.70	-17.83	1.00	25.03	2.80	-35.96	-3.40	-10.60	14.00	3.40
35	-31.27	-16.72	1.90	25.24	3.20	-36.10	-3.70	-10.60	13.91	2.40
36	-33.15	-15.45	2.20	25.54	3.20	-36.50	-3.90	-10.29	14.10	1.90
37	-35.44	-14.47	2.20	25.86	3.30	-36.07	-3.90	-9.90	14.10	1.60
38	-38.27	-13.77	2.20	26.23	3.50	-35.94	-4.10	-9.79	14.02	0.90
39	-39.98	-12.97	2.20	26.40	3.50	-35.75	-4.40	-9.50	14.40	0.30
40	-43.35	-12.08	2.50	26.40	3.70	-35.55	-4.70	-9.50	14.41	0.00
41	-47.32	-11.27	3.00	26.40	4.00	-35.29	-5.00	-9.49	14.60	-0.30
42	-50.57	-10.19	3.30	26.41	4.40	-34.87	-5.00	-9.49	14.62	-0.70
43	-51.85	-9.89	3.70	26.49	4.70	-34.20	-5.30	-9.49	15.01	-1.10
44	-53.44	-9.29	3.90	26.37	4.80	-33.11	-5.70	-8.80	15.32	-1.80
45	-55.06	-8.59	4.10	26.17	5.20	-32.32	-5.90	-8.19	15.70	-2.10
46	-56.95	-7.89	4.50	25.97	5.50	-31.69	-6.10	-7.69	15.70	-2.50
47	-62.21	-7.40	4.80	25.72	5.70	-30.46	-6.20	-6.70	15.70	-3.10
48	-63.61	-6.99	4.80	25.11	5.90	-29.128	-6.40	-6.40	15.70	-3.60
49	-64.88	-6.50	5.10	24.46	6.00	-28.10	-6.40	-5.90	15.68	-3.90
50	-66.52	-6.10	5.45	23.99	6.15	-26.91	-6.35	-5.30	15.54	-4.30

RECORD=S-235  
 DATE AND TIME=1968. 5.16. 9.49 COMPONENT=N-S SIGNAL=BR.ACC. CURVECTION=ARC.ERR. STATION=AOMORI-S  
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=16800

NO.	(10000)	(10050)	(10100)	(10150)	(10200)	(10250)	(10300)	(10350)	(10400)	(10450)
1	-4.70	-14.60	-18.18	-2.10	0.90	2.70	-7.69	4.60	-16.38	-11.40
2	-4.80	-14.31	-17.89	-2.50	1.10	1.50	-7.29	4.60	-17.77	-11.40
3	-4.62	-14.62	-17.67	-2.50	1.40	1.20	-6.50	4.60	-18.73	-11.40
4	-5.20	-15.12	-17.15	-2.80	1.80	0.20	-6.00	4.60	-19.18	-11.40
5	-5.70	-15.62	-16.60	-3.10	2.10	-0.00	-5.70	5.00	-20.19	-11.59
6	-5.90	-15.94	-14.69	-3.50	2.50	-1.80	-5.50	5.00	-21.22	-11.09
7	-6.00	-16.72	-14.47	-3.70	3.20	-1.90	-5.10	5.00	-22.90	-10.70
8	-6.40	-17.13	-13.88	-3.90	3.60	-2.50	-4.70	5.00	-23.75	-10.79
9	-6.60	-17.52	-13.94	-4.20	3.90	-3.50	-4.40	4.60	-24.19	-10.50
10	-7.00	-17.81	-11.87	-4.50	4.40	-3.90	-3.90	4.60	-24.93	-10.50
11	-7.30	-17.92	-10.77	-4.80	4.80	-4.71	-3.80	4.10	-25.91	-10.10
12	-7.40	-18.22	-9.98	-5.20	5.20	-6.61	-3.80	4.10	-26.66	-9.90
13	-7.70	-18.53	-9.49	-5.40	5.20	-7.21	-3.40	3.90	-27.14	-9.90
14	-7.90	-18.92	-7.89	-5.40	5.20	-7.93	-3.40	3.50	-27.98	-9.90
15	-8.11	-19.14	-7.59	-5.60	5.70	-9.91	-3.00	3.20	-28.45	-9.90
16	-8.61	-19.61	-6.20	-5.80	5.90	-10.42	-2.60	2.80	-28.70	-9.69
17	-9.01	-19.72	-5.60	-5.80	6.60	-11.12	-2.50	2.80	-28.70	-9.50
18	-9.41	-20.00	-4.50	-5.80	6.60	-11.71	-2.40	2.50	-28.70	-9.29
19	-9.81	-20.03	-4.50	-5.80	7.11	-12.12	-2.10	2.30	-28.70	-8.79
20	-10.11	-20.32	-6.90	-5.80	7.60	-12.72	-1.70	2.00	-28.70	-8.39
21	-10.51	-20.50	-6.40	-5.80	7.90	-13.62	-1.50	1.40	-28.66	-8.39
22	-10.81	-20.53	-2.70	-5.80	8.21	-15.71	-1.50	1.20	-28.45	-7.89
23	-11.11	-20.80	-2.40	-5.80	8.81	-15.91	-1.50	0.80	-28.15	-7.50
24	-11.41	-20.79	-2.00	-5.90	9.31	-14.22	-1.20	0.50	-27.30	-7.50
25	-11.71	-20.70	-1.70	-5.70	9.90	-14.60	-1.20	-0.00	-27.19	-7.30
26	-11.92	-20.73	-1.60	-5.70	10.01	-14.61	-1.30	-0.20	-26.50	-7.30
27	-12.41	-21.02	-0.80	-5.70	10.51	-14.82	-1.30	-0.70	-25.72	-7.29
28	-12.82	-21.23	-0.40	-5.70	11.01	-15.21	-0.90	-1.10	-24.51	-7.29
29	-13.32	-21.51	-0.40	-5.50	11.51	-15.52	-0.50	-1.40	-23.83	-6.50
30	-13.71	-21.63	-0.40	-5.20	11.91	-15.80	-0.50	-1.70	-23.12	-6.30
31	-13.92	-21.93	-0.20	-4.80	12.31	-15.79	-0.20	-1.90	-21.57	-6.30
32	-14.32	-22.25	-0.20	-4.50	12.60	-15.60	0.00	-2.20	-20.30	-6.00
33	-14.72	-22.74	-0.20	-4.00	12.62	-15.61	0.80	-2.70	-19.17	-6.00
34	-15.22	-23.12	-0.20	-3.70	13.11	-15.70	0.30	-3.20	-17.64	-6.00
35	-15.60	-23.31	-0.20	-3.40	13.40	-15.68	0.80	-3.60	-16.74	-6.10
36	-15.60	-23.39	-0.50	-3.40	13.42	-15.28	1.10	-4.40	-15.78	-6.00
37	-15.60	-23.80	-0.70	-3.10	13.92	-14.78	1.40	-5.30	-15.36	-6.00
38	-15.60	-23.30	-1.00	-2.50	14.30	-14.61	1.60	-5.70	-14.67	-5.80
39	-15.58	-23.30	-1.00	-2.10	14.31	-14.50	2.10	-6.01	-14.08	-5.50
40	-15.28	-23.24	-1.30	-1.80	14.51	-14.46	2.20	-7.50	-13.68	-5.40
41	-14.79	-22.76	-1.70	-1.40	14.79	-14.07	2.50	-7.91	-13.17	-5.50
42	-14.50	-22.38	-1.70	-0.80	14.58	-13.47	2.80	-8.71	-12.49	-5.30
43	-14.40	-22.18	-1.70	-0.50	14.08	-12.68	3.00	-9.22	-12.09	-5.30
44	-14.30	-21.96	-1.70	-0.60	13.57	-12.16	3.50	-10.14	-11.89	-5.30
45	-14.30	-21.55	-1.70	-0.60	12.72	-11.68	3.90	-11.71	-11.59	-5.30
46	-14.30	-21.02	-1.90	-0.30	10.48	-11.08	3.90	-12.01	-11.40	-5.20
47	-14.30	-20.14	-1.90	-0.10	9.46	-10.49	4.00	-12.41	-11.40	-5.40
48	-14.30	-19.48	-1.90	0.00	7.28	-9.89	4.30	-12.87	-11.40	-5.40
49	-14.30	-19.15	-1.90	0.30	5.59	-9.48	4.50	-14.62	-11.40	-5.40
50	-14.30	-18.66	-2.00	0.60	4.14	-8.59	4.43	-15.59	-11.40	-5.30

RECORD=S-235 COMPONENT=N-S SIGNAL=GR.ACC. CURSECTION=ARC.ERR. STATION=ADMORI-S  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=13800

NO.	(10200)	(10550)	(10600)	(10650)	(10700)	(10750)	(10800)	(10850)	(10900)	(10950)
1	-2.20	8.00	-15.24	-12.60	-7.50	-3.80	30.24	0.30	-22.05	-17.57
2	-2.30	7.90	-10.13	-12.60	-7.60	-3.50	29.94	-0.00	-22.53	-17.17
3	-2.40	7.60	-10.74	-12.60	-7.60	-3.10	29.66	-0.50	-22.87	-16.68
4	-2.70	7.40	-11.34	-12.60	-7.60	-2.40	29.41	-0.80	-23.45	-16.28
5	-2.70	7.20	-10.03	-12.61	-7.60	-1.90	28.93	-1.20	-23.85	-15.89
6	-2.90	6.80	-18.43	-12.82	-7.60	-1.60	28.48	-1.50	-24.24	-15.68
7	-2.90	6.40	-18.83	-13.41	-7.60	-0.70	27.83	-1.90	-24.54	-15.26
8	-6.10	6.10	-14.23	-13.70	-7.60	0.00	27.36	-2.10	-24.85	-14.48
9	-6.10	5.90	-19.52	-13.70	-7.40	0.70	26.48	-2.50	-25.27	-14.00
10	-6.20	5.60	-19.94	-13.70	-7.40	2.60	25.69	-3.10	-25.76	-13.99
11	-2.90	5.60	-20.44	-13.70	-7.60	3.80	24.83	-3.50	-26.17	-13.78
12	-2.90	5.60	-20.86	-16.70	-7.60	4.41	23.64	-3.90	-26.65	-13.39
13	-2.70	5.60	-21.44	-13.68	-7.60	-7.30	23.09	-4.50	-27.10	-13.10
14	-2.70	5.40	-21.83	-13.18	-7.30	6.51	22.10	-5.10	-27.45	-13.10
15	-2.70	5.10	-22.15	-12.69	-7.30	7.31	21.10	-5.50	-27.73	-13.09
16	-2.40	4.80	-24.65	-12.29	-7.60	7.91	20.08	-5.90	-27.90	-12.80
17	-2.00	4.50	-25.16	-11.89	-7.60	8.42	18.70	-6.30	-27.90	-12.80
18	-2.30	4.50	-23.64	-11.59	-7.30	9.91	17.40	-6.71	-27.90	-12.81
19	-2.10	4.10	-23.92	-10.19	-7.30	10.52	15.79	-7.30	-27.90	-12.81
20	-4.70	3.80	-24.15	-10.79	-7.30	11.53	13.87	-7.60	-27.90	-13.01
21	-4.40	3.30	-24.54	-10.49	-7.40	12.74	13.09	-7.70	-27.90	-13.30
22	-4.00	2.70	-24.80	-8.99	-7.40	13.67	11.26	-9.01	-27.90	-13.51
23	-6.70	2.20	-24.80	-9.69	-7.40	15.43	12.75	-9.81	-27.90	-13.91
24	-3.20	1.60	-24.76	-9.40	-7.50	15.96	9.77	-10.11	-27.90	-14.42
25	-2.60	0.80	-24.44	-9.40	-7.20	17.06	8.39	-10.61	-27.78	-14.90
26	-2.40	-0.00	-23.96	-9.40	-6.80	17.98	7.68	-11.01	-27.72	-14.90
27	-1.90	-1.00	-23.66	-9.40	-6.80	18.47	6.50	-11.51	-27.77	-14.90
28	-1.40	-2.20	-23.35	-9.40	-6.70	19.44	6.20	-11.80	-27.57	-14.80
29	-0.50	-2.70	-22.74	-9.39	-6.50	19.94	5.90	-11.91	-27.38	-14.80
30	0.00	-3.60	-22.24	-9.10	-6.40	20.54	5.60	-12.21	-27.24	-14.89
31	0.30	-4.70	-21.63	-9.09	-6.30	22.01	5.20	-12.51	-26.87	-14.60
32	1.30	-5.40	-20.97	-8.69	-6.20	22.19	4.70	-12.81	-26.64	-14.60
33	2.50	-6.10	-20.04	-8.09	-6.10	23.13	4.40	-13.21	-26.26	-14.50
34	3.70	-6.50	-19.96	-7.70	-5.90	24.21	4.20	-13.51	-25.97	-14.50
35	4.70	-7.00	-19.44	-7.70	-5.90	25.20	3.90	-13.80	-25.76	-14.50
36	5.70	-7.41	-19.66	-7.50	-5.80	26.73	3.70	-13.82	-25.44	-14.50
37	6.20	-7.91	-18.07	-7.50	-5.90	28.03	3.50	-14.30	-25.03	-14.50
38	6.70	-8.40	-17.67	-7.50	-5.70	28.29	3.10	-14.30	-24.55	-14.49
39	7.11	-8.71	-17.17	-7.50	-5.40	28.82	3.10	-14.37	-24.15	-14.18
40	7.70	-9.21	-16.76	-7.50	-5.30	29.49	2.70	-15.85	-23.73	-13.78
41	7.90	-9.71	-16.08	-7.50	-5.30	30.03	2.40	-16.84	-23.10	-13.40
42	8.20	-10.11	-15.77	-7.50	-5.10	30.68	2.40	-17.54	-22.26	-13.29
43	8.51	-10.71	-15.26	-7.50	-4.60	31.00	2.20	-18.14	-21.83	-12.98
44	9.00	-11.31	-14.40	-7.50	-4.50	31.00	2.20	-18.64	-21.33	-12.48
45	6.80	-11.81	-14.59	-7.20	-4.50	31.00	2.20	-19.12	-20.45	-11.86
46	8.80	-12.23	-14.09	-7.30	-4.50	30.96	2.00	-19.42	-20.35	-11.68
47	8.80	-13.02	-13.78	-7.50	-4.50	30.80	1.80	-19.75	-19.85	-10.68
48	8.80	-13.52	-13.66	-7.50	-4.50	30.82	1.40	-20.34	-19.42	-9.79
49	6.49	-10.93	-12.79	-7.50	-4.50	30.84	1.10	-20.76	-18.56	-9.39
50	6.25	-14.58	-12.70	-7.50	-4.15	30.54	0.70	-21.41	-18.07	-8.69

RECORD=S-235	COMPONENT=N-S	SIGNAL=SQR,ACC.	CORRECTION=ARC,ERR.	STATION=ADMORI-S		
DATE AND TIME=1968, 5,16, 9,49	SAMPLING INTERVAL=0.010(SEC)	FORMAT NO.=301		TOTAL NUMBER OF DATA=13800		
NO.	(11050)	(11100)	(11250)	(11350)	(11400)	(11450)
1	-7.99	1.80	-12.20	-6.20	-11.69	-14.91
2	-6.90	1.90	-12.20	-5.70	-11.29	-15.10
3	-8.10	2.10	-12.19	-5.90	-11.09	-15.10
4	-6.20	2.30	-11.79	-5.00	-10.59	-15.10
5	-8.10	2.60	-11.59	-4.60	-10.20	-15.11
6	-5.70	2.90	-11.20	-4.10	-10.00	-15.30
7	-5.50	3.20	-11.20	-3.70	-9.79	-15.30
8	-5.50	3.70	-11.19	-3.20	-9.49	-15.30
9	-5.30	3.90	-11.09	-3.30	-9.09	-15.30
10	-5.30	4.20	-10.50	-2.90	-8.80	-15.30
11	-5.30	4.40	-10.50	-2.50	-8.50	-15.30
12	-5.30	4.40	-10.50	-2.50	-8.50	-15.30
13	-5.30	4.30	-10.19	-2.30	-8.30	-15.31
14	-5.30	4.30	-9.90	-1.90	-8.00	-15.50
15	-5.30	4.40	-9.90	-1.50	-7.70	-15.50
16	-5.30	4.40	-9.90	-1.00	-7.70	-15.50
17	-5.60	4.30	-9.90	-0.70	-7.70	-15.50
18	-5.90	4.30	-9.90	-0.50	-7.50	-15.50
19	-6.10	4.30	-9.90	-0.10	-7.50	-15.51
20	-6.20	4.60	-9.90	0.10	-7.50	-15.69
21	-6.60	4.60	-9.90	0.50	-7.60	-15.60
22	-6.90	4.60	-9.90	0.80	-7.60	-15.60
23	-7.30	4.60	-9.90	1.30	-8.00	-15.70
24	-7.60	4.40	-9.90	1.70	-8.31	-15.70
25	-7.91	4.30	-9.80	2.00	-8.70	-15.71
26	-8.30	4.20	-9.60	2.30	-9.01	-15.81
27	-8.30	4.00	-9.70	2.60	-9.51	-15.90
28	-8.40	3.80	-9.80	3.00	-9.71	-15.90
29	-8.40	3.30	-9.80	3.50	-10.11	-16.12
30	-8.70	3.30	-9.80	3.70	-10.51	-16.12
31	-8.70	3.30	-9.80	4.10	-10.91	-16.42
32	-8.70	2.50	-9.80	4.40	-11.41	-16.42
33	-8.60	2.10	-9.80	4.70	-11.91	-16.71
34	-8.60	2.10	-9.80	5.00	-12.11	-16.82
35	-8.60	2.00	-9.80	5.40	-12.11	-17.12
36	-8.40	2.00	-9.70	5.70	-12.41	-17.41
37	-8.40	2.00	-9.70	5.70	-12.71	-17.61
38	-8.40	1.80	-9.70	5.90	-13.01	-17.50
39	-8.10	1.60	-9.70	6.10	-13.21	-17.81
40	-8.10	1.60	-9.70	6.30	-13.21	-17.91
41	-7.90	1.40	-9.70	6.60	-13.51	-18.12
42	-7.90	1.40	-9.70	6.90	-13.71	-18.42
43	-7.90	1.20	-9.50	7.10	-13.92	-18.71
44	-7.90	0.80	-9.30	7.10	-14.51	-18.90
45	-7.90	0.90	-9.10	7.10	-14.60	-18.90
46	-7.90	0.00	-8.89	7.10	-14.70	-18.90
47	-7.90	0.20	-8.60	7.10	-14.71	-19.20
48	-8.00	0.10	-8.29	6.90	-14.89	-19.20
49	-8.00	0.10	-7.89	6.90	-14.70	-19.20
50	-8.05	1.30	-7.49	6.80	-14.80	-19.20
			-6.60	6.65	-14.71	-19.20
			-6.60	6.65	-14.80	-19.20

RECORD=S-235	COMPONENT=N=5	SIGNAL=GR.AUC.	CURSECTION=ARG.ERR.	STATION=AOMORI=S					
DATE AND TIME=1968. 5.16. 9.49	5.16. 9.49	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=501	TOTAL NUMBER OF DATA=13800					
NO.	(11550)	(11600)	(11650)	(11700)	(11750)	(11800)	(11850)	(11900)	(11950)
1	-9.20	0.90	6.60	-1.10	-32.41	-11.50	-7.00	14.02	0.30
2	-9.30	2.80	6.19	-1.00	-32.03	-11.40	-6.60	14.42	-0.00
3	-9.30	3.20	5.40	-1.50	-31.74	-11.29	-6.70	14.82	-0.70
4	-9.30	3.70	4.60	-1.90	-31.42	-11.09	-6.50	15.22	-1.30
5	-9.30	5.40	4.20	-2.40	-31.00	-10.80	-6.50	15.62	-1.90
6	-9.30	6.01	5.60	-3.10	-30.50	-10.80	-6.50	16.03	-2.50
7	-9.30	6.80	6.10	-6.40	-30.02	-10.70	-6.20	16.53	-3.00
8	-9.3R	7.51	2.80	-8.80	-29.57	-10.70	-6.30	17.02	-3.90
9	-9.30	7.81	2.40	-4.40	-28.93	-10.60	-6.30	17.32	-4.40
10	-9.2C	8.31	2.00	-5.00	-28.48	-10.40	-6.30	17.62	-5.10
11	-9.20	9.23	1.90	-5.61	-27.80	-10.40	-6.00	17.92	-5.91
12	-9.4C	10.91	1.70	-6.71	-27.08	-10.40	-5.80	18.22	-6.81
13	-9.4R	11.42	1.50	-7.71	-25.84	-10.80	-5.50	18.49	-8.01
14	-9.40	12.13	1.20	-8.42	-25.43	-10.89	-5.50	18.40	-8.51
15	-9.4R	12.93	1.20	-9.42	-24.95	-10.10	-5.49	18.41	-9.11
16	-9.6C	13.82	0.90	-10.22	-24.54	-9.90	-4.50	18.60	-9.51
17	-9.60	14.23	0.60	-10.22	-24.05	-10.00	-4.20	18.60	-9.92
18	-9.60	14.83	0.40	-12.54	-23.64	-9.80	-3.90	18.60	-10.82
19	-9.60	15.42	0.10	-13.83	-23.14	-9.80	-3.60	18.59	-11.62
20	-9.70	15.81	-0.00	-14.62	-22.63	-9.70	-3.40	18.48	-12.22
21	-9.91	16.00	-0.20	-15.07	-22.08	-9.70	-3.00	18.18	-12.72
22	-10.20	15.99	-0.40	-16.64	-21.85	-9.70	-2.60	17.88	-13.32
23	-10.20	15.91	-0.80	-18.90	-21.67	-9.90	-1.90	17.58	-13.92
24	-10.20	15.99	-1.10	-20.15	-21.67	-9.90	-1.40	17.27	-14.52
25	-10.20	15.78	-1.40	-20.79	-20.76	-10.00	-0.70	16.88	-14.92
26	-10.20	15.48	-1.70	-21.75	-20.37	-10.20	-0.20	16.58	-15.42
27	-10.20	15.19	-2.00	-22.66	-20.07	-10.20	0.20	16.27	-15.73
28	-10.20	14.99	-2.40	-23.78	-19.68	-10.21	0.60	15.77	-16.37
29	-10.20	14.69	-2.70	-24.45	-19.36	-10.50	1.20	15.17	-17.56
30	-10.10	14.50	-2.70	-24.87	-18.88	-10.50	1.60	14.48	-18.03
31	-10.10	14.50	-2.60	-25.37	-18.06	-10.50	1.90	13.98	-18.47
32	-10.10	14.50	-2.50	-25.90	-18.07	-10.29	2.30	13.46	-19.48
33	-10.20	14.50	-2.60	-26.59	-17.97	-10.00	2.80	12.49	-20.47
34	-10.20	14.40	-2.60	-27.19	-17.17	-9.80	3.40	12.08	-21.22
35	-10.20	14.40	-2.50	-27.85	-16.77	-9.59	4.00	11.58	-21.45
36	-10.20	14.40	-2.30	-28.74	-16.28	-9.29	4.60	10.88	-21.95
37	-10.20	14.40	-2.30	-29.51	-15.98	-8.99	5.60	10.29	-22.46
38	-10.20	14.40	-2.20	-30.16	-15.57	-8.70	6.00	9.78	-23.08
39	-10.00	14.29	-2.20	-30.94	-15.08	-8.39	6.30	8.98	-23.78
40	-9.86	14.09	-1.90	-31.56	-14.58	-8.00	6.81	8.09	-24.49
41	-9.70	13.76	-1.80	-31.91	-14.18	-7.80	7.51	7.39	-25.15
42	-9.5R	12.78	-1.90	-32.37	-13.68	-7.60	8.01	6.39	-25.63
43	-9.4R	12.19	-1.70	-32.71	-13.19	-7.60	8.61	5.79	-26.50
44	-9.19	11.78	-1.20	-33.10	-12.99	-7.80	9.22	5.00	-27.21
45	-8.90	10.98	-0.90	-33.15	-12.69	-7.10	10.50	4.20	-27.90
46	-8.90	10.38	-0.90	-33.30	-12.49	-7.10	10.51	3.30	-28.47
47	-8.70	9.68	-0.90	-33.30	-12.09	-7.10	11.02	2.80	-28.96
48	-8.70	8.58	-0.90	-33.28	-11.89	-7.10	11.92	2.30	-29.87
49	-8.70	7.59	-1.00	-33.11	-11.70	-7.00	12.46	1.80	-30.74
50	-8.70	7.09	-1.05	-32.77	-11.60	-7.00	13.23	1.05	-31.63

RECORD=S-235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=HR.AUC.  
 CORRECTION=ARC.ERR.  
 TOTAL NUMBER OF DATA=13800

NO.	(12000)	(12050)	(12100)	(12150)	(12200)	(12250)	(12300)	(12350)	(12400)	(12450)
1	-82.41	-15.50	2.10	6.00	2.50	-5.60	-7.90	-15.89	-9.40	-4.40
2	-82.94	-15.60	-2.00	3.60	2.80	-5.30	-8.11	-15.79	-9.60	-4.40
3	-83.52	-15.30	-4.70	3.70	2.80	-5.30	-8.50	-15.70	-9.70	-4.40
4	-84.05	-15.30	-4.60	3.90	2.80	-5.30	-8.80	-15.69	-9.90	-4.40
5	-84.71	-15.30	-4.30	4.20	2.80	-5.40	-9.10	-15.49	-10.01	-4.20
6	-85.65	-15.30	-3.80	4.50	2.50	-5.40	-9.31	-15.29	-10.30	-4.00
7	-85.55	-15.30	-3.50	4.80	2.60	-5.40	-9.60	-15.10	-10.40	-4.00
8	-85.84	-15.40	-3.20	5.10	2.10	-5.40	-9.80	-14.99	-10.61	-4.00
9	-86.20	-15.40	-3.20	5.60	1.80	-5.60	-9.91	-14.79	-11.11	-4.10
10	-86.20	-15.40	-2.80	5.80	1.60	-5.70	-10.31	-14.47	-11.31	-4.50
11	-86.41	-15.41	-2.50	6.10	1.40	-5.70	-10.61	-14.37	-11.61	-4.70
12	-86.50	-15.61	-2.20	6.40	1.20	-5.70	-10.91	-14.18	-11.90	-5.00
13	-86.50	-15.81	-1.90	6.40	1.20	-5.70	-11.21	-13.68	-11.90	-5.30
14	-86.47	-15.92	-1.60	6.40	1.00	-5.70	-11.41	-12.19	-12.00	-5.60
15	-86.54	-16.20	-1.30	6.40	1.00	-5.70	-11.71	-11.79	-12.10	-5.60
16	-86.12	-16.20	-1.30	6.40	0.80	-5.70	-12.01	-11.49	-12.20	-5.90
17	-85.85	-16.21	-1.10	6.40	0.80	-5.90	-12.31	-11.19	-12.20	-6.41
18	-85.62	-16.41	-1.10	6.40	0.80	-6.10	-12.61	-10.99	-12.20	-7.00
19	-85.27	-16.61	-1.10	6.40	0.80	-6.30	-12.91	-10.68	-12.19	-7.40
20	-84.75	-16.70	-0.80	6.30	0.50	-6.30	-13.31	-10.00	-12.00	-7.70
21	-84.20	-16.70	-0.50	6.30	0.20	-6.20	-13.61	-9.79	-12.00	-7.91
22	-83.63	-16.71	-0.60	6.50	0.	-6.20	-13.91	-9.39	-11.99	-8.41
23	-82.71	-16.81	0.	6.30	0.	-6.60	-14.20	-8.89	-11.70	-8.81
24	-82.16	-16.99	0.	6.30	-0.00	-6.60	-14.32	-8.60	-11.69	-9.20
25	-81.05	-16.79	0.	6.10	-0.20	-6.70	-14.71	-8.60	-11.40	-9.21
26	-80.05	-16.59	0.	6.10	-0.40	-6.70	-14.92	-8.40	-11.30	-9.61
27	-79.82	-16.40	0.	6.10	-0.40	-6.70	-15.31	-8.20	-11.20	-9.91
28	-79.37	-16.38	0.	5.90	-0.60	-6.70	-15.52	-7.90	-11.19	-10.41
29	-78.69	-16.08	0.	5.80	-0.80	-7.00	-15.82	-7.80	-10.99	-10.91
30	-78.08	-15.77	0.	5.50	-0.80	-7.00	-16.12	-7.80	-10.70	-11.41
31	-77.31	-15.27	0.	5.30	-1.10	-7.00	-16.42	-7.80	-10.50	-11.81
32	-76.21	-14.66	0.	5.00	-1.50	-7.10	-16.70	-7.80	-10.30	-12.02
33	-75.55	-13.88	0.00	4.80	-1.80	-7.00	-16.71	-7.80	-10.19	-12.51
34	-74.48	-13.28	0.30	4.50	-2.10	-6.80	-16.91	-7.80	-9.90	-12.82
35	-73.52	-12.78	0.40	4.30	-2.20	-6.70	-17.00	-7.80	-9.80	-13.32
36	-72.14	-12.26	0.50	4.20	-2.50	-6.70	-17.01	-7.80	-9.59	-13.71
37	-71.48	-11.09	0.60	3.90	-2.80	-6.70	-17.21	-7.90	-9.29	-14.02
38	-70.34	-10.59	1.00	3.90	-3.00	-6.70	-17.40	-8.10	-8.49	-14.42
39	-70.59	-10.19	1.00	3.70	-3.30	-6.70	-17.40	-8.10	-7.70	-14.92
40	-70.36	-9.69	1.00	3.50	-3.50	-6.70	-17.39	-8.30	-7.59	-15.42
41	-70.89	-9.19	1.00	3.20	-3.90	-6.90	-17.30	-8.50	-7.10	-15.72
42	-70.67	-8.49	1.50	3.10	-4.00	-6.90	-17.29	-8.50	-6.70	-16.02
43	-70.27	-8.09	1.50	2.80	-4.40	-7.10	-17.10	-8.70	-6.40	-16.31
44	-70.78	-7.69	1.90	2.60	-4.50	-7.10	-17.10	-8.80	-5.90	-16.52
45	-70.39	-7.30	2.00	2.60	-4.70	-7.10	-17.08	-9.00	-5.60	-16.92
46	-70.18	-7.10	2.20	2.50	-5.00	-7.30	-16.69	-9.01	-5.20	-17.23
47	-70.90	-6.69	2.50	2.50	-5.30	-7.30	-16.59	-9.30	-5.20	-17.72
48	-70.69	-6.10	2.50	2.50	-5.60	-7.50	-16.49	-9.30	-5.00	-18.02
49	-70.69	-5.50	2.40	2.50	-5.30	-7.70	-16.29	-9.30	-4.70	-18.31
50	-70.49	-5.45	2.70	2.50	-5.30	-7.80	-16.09	-9.35	-4.55	-18.51

RECORDS=235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR,ACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CORRECTION=ARC,ERR,  
 FORMAT NO.=301  
 STATION=AOHORI-S  
 TOTAL NUMBER OF DATA=13800

NO.	(12500)	(12550)	(12600)	(12650)	(12700)	(12750)	(12800)	(12850)	(12900)	(12950)
1	-16.72	-20.34	-7.80	1.40	17.79	0.40	-31.57	5.59	-14.10	-5.90
2	-19.01	-19.65	-8.00	1.90	17.58	0.80	-32.33	4.80	-14.00	-5.70
3	-19.12	-19.03	-8.20	2.20	17.27	1.40	-32.92	4.20	-15.90	-5.50
4	-19.32	-18.14	-8.20	2.40	16.79	1.70	-33.44	3.50	-13.79	-5.40
5	-19.62	-17.88	-8.40	2.70	16.58	2.20	-34.02	2.70	-13.59	-5.20
6	-19.80	-17.04	-8.40	3.20	16.17	2.50	-34.55	2.50	-13.40	-4.80
7	-19.80	-16.17	-8.40	3.80	15.58	3.20	-35.18	2.50	-13.29	-4.50
8	-19.81	-15.69	-8.60	4.20	15.18	4.40	-35.98	1.90	-13.09	-4.20
9	-19.92	-15.48	-8.60	4.80	14.88	5.10	-36.82	1.70	-12.80	-4.10
10	-20.13	-15.17	-8.60	5.20	14.19	5.20	-37.22	1.50	-12.69	-3.90
11	-20.42	-14.47	-8.60	5.60	13.87	5.80	-37.68	1.50	-12.49	-3.70
12	-20.62	-13.88	-8.60	5.90	13.07	6.10	-38.19	1.50	-12.29	-3.50
13	-20.84	-13.27	-8.60	6.30	12.59	6.20	-38.49	1.50	-12.10	-3.20
14	-21.22	-12.58	-8.40	6.60	12.19	6.60	-38.83	1.70	-12.00	-2.90
15	-21.40	-12.08	-8.00	6.80	11.79	7.31	-39.10	1.90	-11.90	-2.10
16	-21.42	-11.28	-8.00	7.00	11.39	7.91	-39.10	2.50	-11.89	-1.60
17	-21.63	-10.39	-7.90	7.40	11.09	8.71	-39.10	2.70	-11.69	-1.30
18	-21.90	-9.89	-7.90	7.80	10.59	9.31	-39.10	3.00	-11.39	-0.80
19	-21.90	-9.19	-7.90	8.10	10.29	9.91	-39.10	3.70	-10.99	-0.60
20	-21.90	-8.69	-7.70	8.41	9.90	10.31	-39.00	4.30	-10.70	-0.30
21	-21.90	-8.09	-7.50	8.80	9.69	10.61	-38.74	5.00	-10.69	0.00
22	-21.92	-7.69	-7.30	8.91	9.40	11.21	-38.51	5.50	-10.39	0.20
23	-22.12	-7.29	-6.90	9.50	9.19	11.41	-38.21	5.91	-10.00	0.30
24	-22.31	-6.70	-6.90	9.71	8.80	11.82	-37.88	7.31	-9.90	0.40
25	-22.40	-6.40	-6.60	10.01	8.60	12.42	-37.39	7.81	-9.90	0.60
26	-22.41	-6.10	-6.10	10.31	8.39	13.01	-36.70	8.61	-9.69	0.60
27	-22.52	-6.20	-6.10	10.91	8.00	13.41	-36.01	9.11	-9.40	0.80
28	-22.73	-6.00	-5.50	11.42	7.79	13.72	-35.08	9.71	-9.50	1.10
29	-23.03	-5.80	-5.10	12.00	7.40	14.22	-33.63	10.11	-9.50	1.40
30	-23.30	-5.80	-4.70	12.01	7.10	14.62	-32.57	10.61	-9.50	1.70
31	-23.31	-5.80	-4.00	12.62	6.90	15.02	-31.57	11.22	-9.30	1.90
32	-23.42	-5.80	-3.60	12.81	6.60	15.42	-30.58	11.90	-9.09	2.10
33	-23.60	-5.80	-3.50	13.11	6.39	15.82	-29.93	12.02	-8.80	2.10
34	-23.60	-5.80	-3.30	13.52	5.80	16.12	-29.06	12.51	-8.50	2.10
35	-23.61	-5.70	-3.10	13.90	5.50	16.54	-28.21	12.72	-8.50	2.30
36	-23.70	-5.70	-2.80	14.00	5.60	17.23	-27.11	13.31	-8.20	2.80
37	-23.70	-5.70	-2.50	14.11	5.00	17.63	-25.80	13.61	-8.00	3.00
38	-23.70	-5.80	-2.10	14.42	4.50	18.17	-23.79	13.90	-7.89	3.00
39	-23.69	-6.00	-1.80	14.92	3.90	19.17	-22.13	14.00	-7.50	3.00
40	-23.58	-6.10	-1.40	15.32	3.70	20.06	-20.52	14.00	-7.80	3.10
41	-23.40	-6.20	-1.10	15.71	3.50	20.77	-18.60	14.00	-7.10	3.20
42	-23.38	-6.20	-0.70	15.92	2.90	21.58	-17.22	14.00	-7.00	3.30
43	-23.15	-6.20	-0.10	16.32	2.50	22.43	-16.00	14.00	-7.00	3.30
44	-22.77	-6.20	0.00	16.63	2.30	23.63	-14.28	14.00	-6.70	3.60
45	-22.48	-6.50	0.30	17.11	2.00	24.70	-13.76	14.00	-6.50	3.90
46	-22.28	-7.00	0.60	17.22	1.60	25.48	-12.65	14.00	-6.40	4.10
47	-21.77	-7.00	0.80	17.50	1.10	26.25	-10.58	14.00	-6.30	4.30
48	-21.77	-7.10	0.80	17.50	0.80	27.80	-9.77	14.10	-6.30	4.50
49	-21.46	-7.30	1.00	17.51	0.20	28.70	-8.19	14.00	-6.30	4.60
50	-20.90	-7.55	1.20	17.66	-0.10	30.15	-6.89	14.05	-6.10	4.95

NO.	(13800)	(13050)	(13100)	(13150)	(13200)	(13250)	(13300)	(13350)	(13400)	(13450)
1	2.32	-9.51	-17.90	-3.30	3.40	-11.20	-11.38	-11.60	-3.90	-8.40
2	2.50	-9.90	-17.90	-3.30	3.40	-11.20	-10.79	-11.60	-3.70	-8.40
3	2.68	-10.01	-17.90	-3.40	3.40	-11.21	-10.39	-11.51	-3.50	-8.30
4	2.80	-10.41	-17.91	-2.80	3.40	-11.41	-9.99	-11.70	-3.40	-8.40
5	3.00	-10.71	-18.00	-2.70	3.40	-11.71	-9.69	-11.71	-3.10	-8.50
6	3.20	-11.01	-18.00	-2.60	3.40	-11.92	-9.19	-11.91	-3.00	-8.10
7	3.60	-11.31	-18.00	-2.50	3.40	-12.41	-8.70	-12.50	-2.60	-8.00
8	3.80	-11.51	-18.00	-2.50	3.30	-12.62	-8.39	-12.20	-2.30	-7.90
9	4.00	-11.90	-17.99	-2.40	3.20	-13.11	-8.00	-12.20	-2.30	-7.80
10	4.20	-12.01	-17.89	-2.40	3.20	-13.60	-7.80	-12.50	-2.40	-7.60
11	4.40	-12.31	-17.71	-2.10	3.10	-13.41	-7.50	-12.20	-2.40	-7.50
12	4.60	-12.61	-17.79	-2.00	2.80	-13.60	-7.30	-12.40	-2.40	-7.30
13	4.80	-12.81	-17.70	-1.90	2.40	-13.61	-7.30	-12.21	-2.20	-7.20
14	5.00	-13.01	-17.69	-1.90	2.00	-13.91	-7.10	-12.50	-2.40	-6.80
15	5.20	-13.20	-17.49	-1.70	1.70	-14.10	-7.10	-12.50	-2.40	-6.60
16	5.40	-13.31	-17.39	-1.70	1.20	-14.10	-7.10	-12.50	-2.40	-6.20
17	5.60	-13.60	-17.29	-1.70	0.80	-14.20	-7.10	-12.50	-2.50	-5.80
18	5.80	-13.71	-17.19	-1.70	0.20	-14.30	-7.10	-12.40	-2.70	-5.60
19	6.00	-13.90	-16.98	-1.50	-0.30	-14.21	-7.10	-12.40	-3.00	-5.20
20	6.20	-14.00	-16.68	-1.50	-0.60	-14.40	-7.30	-12.40	-3.10	-4.80
21	6.40	-14.30	-16.38	-1.30	-1.10	-14.50	-7.50	-12.50	-3.30	-4.50
22	6.60	-14.50	-16.09	-1.10	-1.50	-14.50	-7.40	-12.50	-3.40	-4.20
23	6.80	-14.81	-15.89	-1.00	-2.00	-14.60	-7.40	-12.00	-3.60	-4.00
24	7.00	-15.00	-15.67	-0.80	-2.50	-14.60	-7.60	-12.00	-3.70	-3.40
25	7.20	-15.11	-15.06	-0.70	-3.10	-14.70	-7.70	-11.90	-3.70	-3.20
26	7.40	-15.30	-14.17	-0.60	-3.40	-14.70	-7.80	-11.79	-3.70	-2.80
27	7.60	-15.41	-13.69	-0.40	-3.70	-14.70	-7.90	-11.60	-3.70	-2.50
28	7.80	-15.51	-13.17	-0.10	-3.90	-14.70	-8.10	-11.60	-3.90	-2.20
29	8.00	-15.81	-12.47	0.10	-4.20	-14.70	-8.20	-11.29	-4.30	-1.70
30	8.20	-16.01	-11.59	0.00	-4.60	-14.70	-8.20	-11.09	-4.50	-1.40
31	8.40	-16.11	-11.17	0.00	-4.80	-14.70	-8.20	-10.69	-4.70	-1.10
32	8.60	-16.30	-10.19	0.20	-5.30	-14.70	-8.20	-10.29	-4.90	-0.70
33	8.80	-16.50	-9.69	0.30	-5.70	-14.69	-8.20	-9.89	-5.20	0.00
34	9.00	-16.71	-8.98	0.50	-5.90	-14.50	-8.20	-9.49	-5.50	0.00
35	9.20	-16.91	-8.00	0.80	-6.20	-14.40	-8.20	-9.09	-5.70	0.00
36	9.40	-17.11	-7.60	1.00	-6.60	-14.40	-8.30	-8.69	-5.90	0.00
37	9.60	-17.31	-7.29	1.30	-6.70	-14.40	-8.40	-8.10	-6.40	0.40
38	9.80	-17.50	-6.70	1.50	-6.70	-14.39	-8.40	-7.89	-6.60	0.80
39	10.00	-17.70	-6.20	1.80	-6.70	-14.20	-9.00	-7.19	-7.00	1.20
40	10.20	-17.90	-5.90	2.00	-7.70	-14.20	-9.20	-6.60	-7.20	1.60
41	10.40	-18.10	-5.50	2.20	-7.91	-14.19	-9.40	-6.30	-7.60	1.60
42	10.60	-18.30	-5.10	2.30	-8.30	-13.89	-9.61	-6.10	-7.80	1.60
43	10.80	-18.50	-4.70	2.40	-8.61	-13.69	-9.90	-5.90	-7.90	1.90
44	11.00	-18.71	-4.40	2.70	-9.11	-13.50	-9.90	-5.70	-8.20	2.20
45	11.20	-18.90	-4.10	2.90	-9.51	-13.38	-9.90	-5.60	-8.40	2.20
46	11.40	-19.10	-4.00	3.00	-9.80	-12.99	-10.10	-5.30	-8.40	2.10
47	11.60	-19.30	-3.90	3.20	-10.00	-12.69	-10.30	-5.10	-8.40	2.20
48	11.80	-19.51	-3.70	3.30	-10.21	-12.59	-10.51	-4.80	-8.40	2.20
49	12.00	-19.71	-3.50	3.40	-10.51	-12.09	-11.10	-4.50	-8.40	2.20
50	12.20	-19.91	-3.40	3.40	-10.86	-11.14	-11.36	-4.20	-8.40	2.10

RECORD=5-235  
DATE AND TIME=1988. 5.16. 9.49  
COMPONENT=N-S  
SIGNAL=GR.ACC.  
CORRECTION=ARC.ERR.  
TOTAL NUMBER OF DATA=13800

RECORD=S-235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CURRECTION=ARG.ERR.  
 FORMAT NO.=301  
 STATION=ADMORT-S  
 TOTAL NUMBER OF DATA=13800

NO.	(13500)	(13550)	(13600)	(13650)	(13700)	(13750)	(13800)	(13850)	(13900)	(13950)
1	2.00	-22.30	-9.10	-4.60	0.	-4.20	0.	0.	0.	0.
2	1.90	-22.28	-9.10	-4.60	0.	-4.60	0.	0.	0.	0.
3	1.70	-22.08	-9.10	-4.60	0.00	-4.60	0.	0.	0.	0.
4	1.40	-21.86	-9.10	-4.20	0.10	-5.00	0.	0.	0.	0.
5	1.10	-21.46	-9.09	-4.20	0.20	-5.20	0.	0.	0.	0.
6	0.70	-21.04	-8.80	-4.20	0.40	-5.50	0.	0.	0.	0.
7	0.40	-20.47	-8.80	-4.20	0.40	-5.50	0.	0.	0.	0.
8	-0.00	-20.17	-8.80	-4.20	0.60	-5.50	0.	0.	0.	0.
9	-0.20	-19.86	-8.70	-4.20	1.00	-5.50	0.	0.	0.	0.
10	-1.40	-19.38	-8.80	-3.90	1.30	-5.50	0.	0.	0.	0.
11	-2.50	-19.05	-8.80	-3.90	1.50	-5.50	0.	0.	0.	0.
12	-3.50	-18.38	-8.80	-3.70	1.50	-5.70	0.	0.	0.	0.
13	-4.10	-18.05	-8.60	-3.40	1.50	-5.90	0.	0.	0.	0.
14	-4.80	-17.38	-8.60	-3.40	1.50	-5.80	0.	0.	0.	0.
15	-5.51	-17.07	-8.40	-3.40	1.50	-5.80	0.	0.	0.	0.
16	-6.41	-16.57	-8.10	-3.40	1.50	-5.80	0.	0.	0.	0.
17	-7.82	-16.09	-8.20	-3.40	1.50	-5.80	0.	0.	0.	0.
18	-9.11	-15.88	-8.00	-3.30	1.50	-5.90	0.	0.	0.	0.
19	-9.94	-15.48	-8.00	-2.80	1.50	-6.40	0.	0.	0.	0.
20	-11.73	-15.07	-7.80	-3.00	1.30	-6.30	0.	0.	0.	0.
21	-12.72	-14.38	-7.70	-3.00	1.20	-6.30	0.	0.	0.	0.
22	-13.42	-13.88	-7.70	-2.50	1.20	-6.50	0.	0.	0.	0.
23	-13.94	-13.49	-7.70	-2.50	0.60	-6.40	0.	0.	0.	0.
24	-14.83	-13.28	-7.50	-2.40	0.60	-6.40	0.	0.	0.	0.
25	-15.58	-12.79	-7.40	-2.40	0.60	-6.80	0.	0.	0.	0.
26	-17.11	-12.49	-7.40	-2.10	0.60	-6.70	0.	0.	0.	0.
27	-17.24	-12.09	-7.30	-2.20	0.60	-6.70	0.	0.	0.	0.
28	-17.92	-11.89	-7.30	-2.00	0.40	-6.70	0.	0.	0.	0.
29	-18.24	-11.69	-7.20	-2.00	0.10	-6.50	0.	0.	0.	0.
30	-18.83	-11.39	-7.00	-2.10	0.	-6.80	0.	0.	0.	0.
31	-19.22	-11.09	-6.60	-1.90	-0.00	-6.80	0.	0.	0.	0.
32	-19.52	-10.69	-6.40	-1.90	-0.30	-6.80	0.	0.	0.	0.
33	-19.83	-10.20	-6.30	-1.90	-0.60	-6.80	0.	0.	0.	0.
34	-20.24	-10.00	-6.10	-1.90	-0.60	-6.80	0.	0.	0.	0.
35	-20.75	-9.90	-6.10	-1.80	-1.00	-6.80	0.	0.	0.	0.
36	-21.25	-9.80	-6.10	-1.80	-1.00	-6.80	0.	0.	0.	0.
37	-21.71	-9.70	-6.10	-1.80	-1.20	-6.80	0.	0.	0.	0.
38	-21.82	-9.50	-6.10	-1.80	-1.50	-6.80	0.	0.	0.	0.
39	-22.04	-9.50	-5.90	-1.80	-1.70	-6.80	0.	0.	0.	0.
40	-22.40	-9.50	-5.90	-1.50	-1.90	-6.80	0.	0.	0.	0.
41	-22.40	-9.50	-5.70	-1.50	-1.90	-7.00	0.	0.	0.	0.
42	-22.41	-9.50	-5.50	-1.50	-1.90	-7.00	0.	0.	0.	0.
43	-22.50	-9.30	-5.30	-1.20	-2.10	-7.00	0.	0.	0.	0.
44	-22.50	-9.10	-5.30	-1.00	-2.60	-7.00	0.	0.	0.	0.
45	-22.50	-9.10	-5.10	-0.80	-2.80	-6.80	0.	0.	0.	0.
46	-22.50	-9.10	-5.10	-0.60	-3.10	-6.60	0.	0.	0.	0.
47	-22.50	-9.10	-4.70	-0.40	-3.40	-6.50	0.	0.	0.	0.
48	-22.48	-9.10	-4.60	-0.40	-3.90	-6.20	0.	0.	0.	0.
49	-22.30	-9.10	-4.60	-0.20	-3.90	-6.40	0.	0.	0.	0.
50	-22.30	-9.10	-4.50	-0.10	-4.05	-6.50	0.	0.	0.	0.

RECORD=S\*235  
 DATE AND TIME=1968, 5,16, 9,49  
 COMPONENT=E\*H  
 SIGNAL=GR,ACC,  
 INTERVAL= 0.040(SEC)  
 SAMPLING ( 0) ( 50) ( 100) ( 150) ( 200) ( 250) ( 300) ( 350) ( 400) ( 450)  
 STATION=ADMORT=S  
 TOTAL NUMBER OF DATA=13800

NO.	( 0)	( 50)	( 100)	( 150)	( 200)	( 250)	( 300)	( 350)	( 400)	( 450)
1	0.	3.20	-2.10	3.30	-4.00	4.20	-4.78	1.80	-0.80	13.46
2	0.00	2.80	-2.10	2.60	-3.40	5.20	-1.70	2.10	-3.80	17.45
3	0.40	2.70	-2.10	2.90	-3.50	5.00	-1.70	3.30	-4.50	18.21
4	0.60	2.80	-2.00	3.00	-3.40	4.70	1.20	5.01	-4.80	18.21
5	1.20	2.80	-2.40	3.00	-3.50	4.09	1.90	7.01	-4.19	16.84
6	0.90	3.10	-2.00	3.10	-2.80	2.40	3.90	8.30	-2.50	14.12
7	0.60	2.80	-1.70	3.00	-1.20	0.60	4.00	8.39	-1.20	10.95
8	0.20	2.80	-1.40	3.10	-0.70	-0.50	3.60	7.99	1.10	3.09
9	0.00	2.90	-1.00	3.00	-1.50	-1.50	3.10	7.08	7.44	-1.70
10	0.20	2.70	0.	3.60	-1.60	-3.00	2.30	5.29	10.83	-9.20
11	0.20	2.50	0.10	3.90	-1.60	-4.10	2.00	4.30	12.06	-14.45
12	0.	2.30	0.10	4.80	-1.60	-4.79	2.00	3.30	14.04	-15.79
13	0.	2.40	0.20	5.10	-2.00	-3.69	1.80	2.90	14.89	-19.23
14	0.00	2.30	0.60	5.50	-2.60	-1.10	1.40	3.40	14.55	-20.36
15	0.20	2.50	1.10	4.80	-2.60	0.00	1.40	5.01	13.53	-16.60
16	0.60	2.30	1.10	4.90	-3.00	1.80	1.60	6.71	11.70	-11.70
17	0.90	2.00	1.40	5.00	-4.50	6.01	1.90	7.31	8.43	-8.42
18	1.40	1.40	1.60	-2.90	5.10	7.91	2.10	8.62	3.89	-3.19
19	1.80	1.00	1.90	-2.80	5.10	8.82	2.20	9.81	1.00	2.51
20	1.50	0.60	2.40	-2.50	5.30	9.81	2.60	10.20	0.30	8.85
21	2.00	0.	2.80	-2.00	5.30	10.21	3.00	10.39	-0.10	11.84
22	1.90	0.00	3.20	-1.50	5.30	10.81	3.20	9.94	-1.90	13.51
23	1.90	0.10	3.20	-0.90	5.60	11.10	3.60	7.15	-2.40	18.74
24	1.90	0.90	3.20	-0.10	5.40	11.10	3.60	0.90	-2.40	20.42
25	1.60	-1.40	3.00	0.80	4.80	10.99	3.80	-0.20	-1.90	19.54
26	1.20	-1.40	3.00	0.50	4.10	10.68	4.20	-2.21	-0.70	18.52
27	0.80	-2.10	2.80	0.70	3.70	9.90	4.70	-8.61	-0.10	13.61
28	0.50	-2.60	2.90	0.20	3.60	9.89	5.20	-9.51	0.00	11.11
29	0.90	-3.10	2.90	0.20	2.70	9.49	5.90	-9.61	0.30	4.28
30	1.30	-3.20	3.20	0.20	2.60	8.79	5.90	-10.10	0.	-1.30
31	1.90	-3.20	3.30	0.20	2.10	7.88	5.89	-10.11	0.	-5.64
32	2.50	-3.20	3.70	0.20	1.40	6.20	5.09	-10.42	0.	-11.67
33	3.30	-3.20	4.41	0.20	0.50	5.90	3.89	-11.40	0.00	-17.19
34	3.90	-3.00	5.80	1.20	0.10	6.00	1.80	-11.50	0.30	-16.49
35	4.80	-3.00	6.41	1.70	-0.00	6.61	-0.60	-11.37	0.80	-21.22
36	5.50	-2.70	7.20	2.40	-0.10	8.21	-0.70	-10.13	0.80	-22.40
37	5.30	-2.70	7.40	2.90	-1.60	8.80	-1.70	-6.97	0.60	-23.29
38	5.30	-2.80	7.49	1.90	-2.40	8.91	-2.60	-4.09	-0.00	-24.00
39	5.40	-2.70	6.59	2.10	-3.00	9.20	-2.80	-1.60	-1.20	-24.00
40	5.40	-2.90	5.49	1.50	-4.50	9.28	-1.50	-0.20	-2.91	-23.49
41	5.20	-3.10	4.70	0.70	-5.10	8.94	0.00	0.80	-8.05	-19.42
42	4.80	-3.30	3.90	-0.00	-4.29	8.69	0.50	6.01	-11.55	-16.12
43	4.80	-2.90	3.90	-0.20	-5.20	8.20	2.10	7.91	-13.45	-14.55
44	4.60	-2.80	2.90	-1.10	-5.60	-0.40	2.50	6.51	-14.65	-11.25
45	4.60	-2.60	3.20	-3.20	-5.19	-1.10	2.30	9.19	-15.71	-8.69
46	4.20	-2.50	3.70	-3.70	-4.19	-7.54	1.90	8.69	-13.73	-7.78
47	4.10	-2.10	4.60	-4.60	-10.42	-1.90	2.30	8.15	-12.39	-6.10
48	3.80	-2.20	5.80	-4.60	-11.30	1.40	1.40	4.69	-3.29	-6.10
49	3.20	-2.10	6.80	-4.60	-11.25	1.40	1.60	1.70	1.60	-6.50
50	3.20	-2.10	3.55	-4.50	-8.00	1.60	0.45	0.45	7.56	-6.65

RECORD=S-205	COMPONENT=E-W	SIGNAL=GR,ACC,	CORRECTION=ARC,ERR,	STATION=AQMORI-S				
DATE AND TIME=1968. 5.16. 9.49	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=13800					
NO.	( 500)	( 600)	( 700)	( 800)	( 900)	( 950)		
1	-6.80	-1.70	15.91	6.00	-23.55	-4.41	-13.75	14.23
2	-7.10	-2.91	14.24	5.70	-23.90	-7.15	-14.93	21.83
3	-7.10	-7.21	10.50	5.09	-23.74	-11.80	-15.59	25.33
4	-7.40	-7.89	11.22	3.50	-22.33	-11.90	-15.47	28.71
5	-7.40	-7.87	11.80	1.60	-19.95	-11.85	-14.75	29.24
6	-7.81	-4.59	11.80	0.10	-18.12	-10.18	-11.65	29.22
7	-8.62	-2.40	11.78	-7.31	-0.30	-4.79	-9.77	27.71
8	-10.08	19.56	11.17	-7.90	-0.60	-13.78	-2.70	24.08
9	-13.59	14.39	7.10	-7.67	-0.40	-13.19	-1.20	22.62
10	-16.08	9.77	5.86	-5.57	-0.30	-12.78	-0.70	17.52
11	-19.14	3.79	0.00	-0.80	0.30	-12.16	1.40	17.52
12	-19.28	-0.00	1.40	2.00	10.92	4.10	0.	11.99
13	-15.45	9.12	3.81	4.22	-7.86	5.22	0.	8.51
14	-12.45	-10.48	6.94	8.71	-4.80	7.92	0.	2.79
15	-9.08	-13.98	11.25	9.62	-4.39	9.22	0.00	-2.50
16	-1.99	-15.89	13.23	10.40	-2.30	10.21	0.20	-4.61
17	4.12	-19.16	13.95	10.50	-2.30	10.81	0.20	-6.09
18	9.45	-18.43	15.17	10.49	-2.20	11.31	2.71	-3.10
19	11.82	-14.75	14.55	9.88	-2.60	11.58	6.74	-1.90
20	12.46	-19.42	15.25	8.69	-3.10	10.86	10.70	-1.90
21	14.33	-21.12	13.91	8.09	-4.01	9.68	14.98	-1.90
22	14.90	-20.18	8.85	7.71	-3.59	3.59	20.55	-1.70
23	14.77	-17.63	-0.00	8.23	-9.94	-0.00	21.00	-1.40
24	14.17	-16.96	-16.91	10.10	-12.03	-1.81	21.04	-1.10
25	15.55	-17.84	-12.39	10.21	-13.13	-9.91	21.36	0.00
26	12.24	-18.35	-9.17	-9.33	-14.00	-15.15	20.93	1.00
27	10.35	-17.57	-2.09	10.83	-13.91	-15.49	20.11	2.60
28	8.19	15.65	8.85	11.95	-11.55	-18.01	18.97	4.62
29	7.79	14.73	12.05	-13.52	-6.33	-18.02	16.13	7.91
30	7.20	13.13	22.19	-13.92	1.50	-16.86	14.91	8.61
31	7.21	9.98	23.04	-14.53	8.57	-16.28	12.95	9.41
32	8.89	13.94	23.86	-15.20	0.00	-15.89	11.46	9.80
33	8.22	2.40	24.16	-15.18	0.80	-15.70	10.20	9.90
34	10.10	0.90	22.52	23.04	22.99	-15.69	10.20	9.88
35	10.08	-2.00	27.39	-12.96	28.77	-15.64	10.41	9.60
36	9.36	-3.90	30.60	-11.85	34.58	-16.38	10.69	3.59
37	4.74	-4.79	31.00	-10.18	35.08	-17.82	10.39	1.20
38	1.60	-3.59	30.52	16.75	35.60	-19.62	9.67	-0.30
39	-1.70	-1.70	27.82	13.97	35.60	-21.04	6.10	-2.40
40	-7.83	1.20	23.42	13.53	35.49	-21.45	1.20	-2.60
41	-9.92	3.90	19.23	16.29	34.91	-21.85	-1.20	-2.20
42	-11.00	4.20	12.38	18.79	31.78	-21.18	-3.91	-1.60
43	-10.96	5.00	5.85	20.06	31.64	-18.98	-7.00	0.90
44	-9.33	5.50	22.00	-9.65	26.70	-17.36	-6.59	1.00
45	-0.60	6.20	21.99	-7.19	22.53	-15.21	-5.69	2.80
46	7.43	6.84	21.84	-5.87	15.68	-13.38	-4.89	4.11
47	9.87	6.59	-7.97	-2.30	12.23	-12.88	-3.50	5.91
48	11.90	5.69	0.20	-18.97	9.84	-12.41	-2.50	7.41
49	24.09	4.58	19.17	21.07	2.50	-12.62	0.00	8.31
50	23.34	-0.90	17.54	-22.58	-0.96	-10.17	7.10	9.11

NO.	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	9.89	-15.01	6.59	-21.65	-5.87	-9.65	-12.44	3.28	-8.90	-2.00
2	9.89	-13.16	5.90	-13.46	-1.80	-7.95	-13.52	-4.13	-1.70	-1.70
3	8.89	-9.47	3.40	-2.69	3.52	-2.79	-14.03	-12.26	-18.99	-1.10
4	8.50	-5.09	4.99	4.44	9.55	1.50	-14.74	-17.70	-22.86	-0.20
5	8.19	-0.50	3.80	14.90	11.94	5.72	-15.53	-26.47	-25.00	0.50
6	7.48	1.70	3.20	21.27	13.87	8.42	-15.98	-30.17	-25.44	0.50
7	6.19	3.91	2.40	26.52	13.06	9.51	-15.61	-32.23	-25.19	1.10
8	5.59	6.82	3.10	32.49	11.88	10.42	-13.88	-32.15	-34.45	2.40
9	5.50	8.63	2.12	34.71	11.47	10.20	-13.39	-29.21	-33.83	4.00
10	4.10	10.24	0.93	32.64	10.19	11.20	-13.20	-23.76	-33.04	2.80
11	1.60	11.84	10.52	29.67	9.82	11.51	-13.08	-15.93	-32.02	1.00
12	2.80	13.24	11.32	26.01	10.63	11.61	-12.47	-9.36	-30.52	-2.11
13	3.70	14.45	12.02	22.71	12.06	11.91	-11.39	-1.99	-26.53	-12.74
14	4.21	15.49	12.84	19.27	13.96	12.51	-7.41	5.14	-22.35	-9.88
15	6.41	13.31	13.76	15.26	15.50	12.62	0.00	12.32	-9.88	-17.07
16	7.64	10.83	12.66	10.49	17.70	13.22	8.86	18.14	-8.85	-23.16
17	10.82	7.97	11.52	5.96	21.96	13.68	12.86	18.46	-0.20	-28.09
18	11.63	5.89	9.75	0.20	23.54	13.03	20.01	16.46	4.81	-31.62
19	12.83	4.50	5.77	-1.40	24.48	11.25	22.48	12.59	7.85	-34.43
20	13.55	3.80	1.50	-3.92	25.80	8.68	23.87	12.25	11.86	-36.83
21	12.19	4.51	-2.60	-9.86	22.82	7.28	22.76	7.67	13.76	-37.95
22	8.73	6.04	-4.01	-16.05	22.12	5.59	21.56	4.99	10.35	-37.28
23	4.37	10.53	-6.12	-17.29	21.26	4.80	21.14	2.60	8.05	-37.27
24	-3.12	11.73	-8.02	-20.35	19.52	4.10	20.54	1.20	4.79	-38.12
25	-12.76	12.73	-9.80	-22.90	15.05	4.41	19.87	0.00	2.00	-39.26
26	-17.55	13.68	-9.57	-24.64	12.07	5.80	19.46	1.50	-1.10	-40.74
27	-24.57	15.56	-8.07	-25.64	7.94	6.80	19.07	5.51	-3.91	-41.18
28	-30.11	16.57	-6.29	-25.79	3.49	7.90	19.99	6.62	-7.82	-41.17
29	-34.95	15.90	-4.79	-24.50	-0.00	5.19	20.99	8.62	-9.17	-40.36
30	-37.15	12.29	-2.20	-20.08	-2.81	3.90	22.29	10.06	-7.52	-38.56
31	-35.22	8.96	1.40	-16.52	-10.24	2.40	25.14	13.01	-0.80	-35.53
32	-38.59	6.78	4.62	-13.48	-16.78	1.90	30.01	13.42	2.21	-32.40
33	-37.37	5.09	9.25	-10.53	-21.53	0.40	33.88	13.85	9.41	-25.30
34	-35.44	3.69	12.12	-7.49	-25.80	-0.00	37.89	12.17	15.69	-21.19
35	-31.74	1.10	16.11	-6.64	-26.05	-9.90	41.42	11.02	23.11	-17.77
36	-28.83	0.60	19.87	-0.70	-26.78	-4.72	43.01	7.85	26.62	-10.46
37	-24.10	0.10	24.66	0.60	-23.02	-9.64	43.36	3.80	27.80	-4.79
38	-18.80	0.50	21.02	-0.00	-16.07	-11.71	41.35	2.40	24.56	-1.80
39	-13.88	0.80	17.83	-3.81	-13.75	-12.06	38.19	-0.00	22.56	1.90
40	-13.35	1.80	11.29	-5.51	-12.54	-10.70	35.64	-2.81	19.33	7.43
41	-12.02	6.11	7.40	-7.74	-13.83	-10.49	32.47	-5.91	13.59	10.47
42	-12.52	7.92	-1.00	-10.98	-14.65	-9.89	27.59	-6.71	6.05	17.70
43	-13.12	9.22	-3.15	-14.07	-15.75	-9.41	22.35	-7.51	-0.00	22.08
44	-16.36	10.12	-13.82	-18.04	-14.88	-9.94	21.79	-7.99	-5.03	23.87
45	-17.56	10.87	-21.99	-19.67	-14.38	-11.82	20.68	-7.19	-10.05	26.33
46	-18.26	9.89	-29.10	-17.99	-13.99	-12.43	19.39	-6.30	-12.19	30.02
47	-19.03	8.19	-35.30	-15.08	-13.69	-13.23	18.04	-5.89	-11.84	33.16
48	-18.11	8.49	-37.71	-14.63	-13.45	-13.86	16.83	-4.40	-9.69	35.24
49	-16.83	7.90	-36.05	-13.06	-13.15	-13.42	11.11	-5.51	-4.10	35.79
50	-15.95	7.24	-28.86	-9.47	-11.40	-12.93	7.19	-7.17	-3.05	33.42

NO.	( 1200 )	( 1500 )	( 1700 )	( 1750 )	( 1800 )	( 1850 )	( 1900 )	( 1950 )
1	31.17	9.23	-11.25	5.19	7.91	-7.52	32.51	11.27
2	27.73	10.86	-5.68	3.00	8.52	-9.44	39.02	13.83
3	24.14	13.31	-2.19	3.00	8.52	-11.56	46.10	14.56
4	22.49	16.16	3.01	5.31	13.40	-13.77	48.98	13.54
5	17.96	17.29	-16.40	7.92	16.01	-17.13	52.47	7.13
6	13.30	18.69	-24.23	9.19	19.68	-17.13	55.79	0.60
7	10.58	19.82	-19.53	8.46	20.66	-17.41	57.02	-4.84
8	5.87	19.92	-25.21	6.08	21.36	-14.53	58.44	-13.41
9	-0.00	16.41	-19.68	3.89	21.96	-12.60	59.27	-21.90
10	-1.50	13.24	-10.84	0.50	22.44	1.00	59.78	-30.50
11	0.10	11.69	-4.70	10.00	21.85	4.82	59.98	-34.15
12	0.40	7.84	-0.70	8.39	21.34	9.29	59.85	-36.23
13	1.80	3.59	4.20	7.93	20.69	8.59	58.77	-38.51
14	4.61	-1.30	2.50	9.81	19.29	7.86	54.75	-39.50
15	7.86	-5.83	5.92	10.11	15.45	2.79	48.64	-40.11
16	12.13	-10.01	8.13	10.61	10.84	-0.30	41.74	-40.90
17	16.25	-15.26	10.25	11.23	8.53	-4.42	33.24	-40.65
18	18.94	-16.19	12.71	12.50	4.09	-8.65	20.99	-39.83
19	20.89	-12.55	16.19	15.74	0.80	-11.71	9.25	-38.56
20	17.90	-11.02	21.24	20.14	-0.70	-15.80	2.10	-35.78
21	15.63	-7.98	23.72	22.45	-1.80	-15.50	-3.10	-30.71
22	9.34	0.70	25.57	24.99	-2.30	-15.18	-4.20	-27.14
23	6.12	7.28	-15.78	28.66	-1.80	-12.85	-4.59	-23.67
24	-3.11	14.55	-17.97	31.03	-0.90	-11.50	-1.30	-15.64
25	-7.94	20.13	-17.66	31.62	0.00	-11.60	4.63	-5.67
26	-10.63	22.67	-21.25	30.08	0.20	-11.71	11.48	-1.50
27	-11.88	22.97	-23.14	27.34	0.80	-12.11	21.82	1.60
28	-11.21	21.14	24.44	23.67	1.50	-12.47	29.55	1.90
29	-4.18	20.53	20.27	17.78	-0.00	-11.51	37.93	-0.00
30	0.00	19.64	16.78	10.56	-0.20	-4.48	43.55	-4.55
31	0.80	17.66	16.43	4.66	-2.51	0.00	45.24	-15.58
32	5.12	15.58	14.98	-4.63	-7.36	1.20	45.71	-28.01
33	8.09	13.34	10.56	-11.70	-12.30	6.03	44.66	-32.04
34	14.46	11.73	8.72	-24.86	-15.31	10.65	40.28	-45.66
35	18.13	0.19	4.09	-28.67	17.52	20.72	33.38	-51.77
36	21.53	4.58	1.90	-32.55	20.81	24.06	26.38	-53.16
37	24.59	0.30	1.90	-32.71	22.09	25.37	8.41	-52.29
38	25.08	-3.92	-1.40	-29.77	23.87	25.38	8.41	-45.80
39	24.04	-10.98	-3.50	-26.62	25.17	22.81	-3.84	-45.80
40	21.91	-22.28	-3.50	-23.66	23.31	22.81	-15.96	-35.62
41	19.07	-30.15	-4.00	-21.48	23.06	17.72	-30.78	-25.10
42	15.08	-36.93	-4.60	-17.36	19.18	12.26	-42.85	-13.94
43	12.73	-40.59	-4.00	-13.71	14.20	7.79	-51.68	-1.40
44	9.71	-42.13	-3.50	-9.17	11.79	-0.30	-54.27	9.76
45	5.47	-43.50	-2.60	-2.50	8.08	-3.51	-54.92	22.23
46	0.60	-43.22	-0.40	0.20	-6.08	-5.50	-52.83	26.06
47	0.20	-41.69	2.00	3.90	-5.95	-46.06	-46.06	26.88
48	0.60	-38.58	4.61	4.71	-5.30	0.00	-36.12	25.32
49	4.94	-36.71	6.11	5.91	-4.71	7.53	-24.79	19.17
50			5.65	6.91	-4.71	18.51	-12.25	11.62
					-6.11	25.60	-0.39	1.20

RECORD=S-235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=E-W  
 SIGNAL=GRAV.  
 CORRECTION=ARU.ERR.  
 SAMPLING INTERVAL= 0.010(SEC)  
 FORMAT NO.=501

STATION=AOMORI\*S  
 TOTAL NUMBER OF DATA=18800

RECORD=S-235 COMPONENT=E-W SIGNAL=GR.ACC. CORRECTION=ARG.ERR. STATION=AOMORI-W  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=13800

NO.	( 2000 )	( 2050 )	( 2100 )	( 2150 )	( 2200 )	( 2250 )	( 2300 )	( 2350 )	( 2400 )	( 2450 )
1	-9.14	-41.84	72.41	-64.25	27.77	-38.82	-24.96	12.60	18.41	-52.23
2	-17.19	-48.90	65.01	-56.32	48.18	-39.56	-11.90	6.88	22.86	-45.05
3	-25.12	-53.92	56.05	-51.13	54.38	-40.14	0.40	4.59	26.82	-40.15
4	-30.73	-48.61	48.61	-44.69	58.84	-39.94	14.06	3.80	28.87	-36.38
5	-34.98	-62.12	37.29	-35.42	60.89	-39.91	23.29	3.80	30.40	-32.17
6	-35.58	-64.56	-27.79	-27.79	62.19	-38.18	33.63	4.20	31.71	-25.41
7	-34.17	-65.07	15.05	-22.89	61.28	-32.89	40.45	4.20	32.17	-19.21
8	-28.80	-64.74	8.48	-12.46	59.13	-26.92	46.02	3.09	32.63	-11.68
9	-24.56	-61.69	7.07	-2.68	56.63	-23.74	50.13	-3.00	33.99	-4.47
10	0.00	-53.97	4.50	7.10	51.80	-26.29	56.42	-3.20	36.69	1.60
11	12.46	-45.36	4.60	16.31	48.84	-20.21	60.66	-4.71	40.52	7.97
12	24.28	-36.24	4.50	26.15	48.66	-16.17	68.26	-6.75	45.74	13.55
13	37.17	-26.83	4.40	38.88	40.68	-12.50	68.20	-12.35	51.51	20.63
14	46.65	-22.43	3.99	53.36	32.79	-3.95	68.10	-14.02	58.14	30.62
15	52.82	-11.88	1.20	71.68	54.95	10.14	68.10	-17.15	63.41	35.40
16	55.82	-1.80	-0.00	76.64	55.87	22.22	66.32	-24.14	77.60	39.54
17	65.75	5.23	-2.81	82.58	54.69	36.55	63.53	-29.05	81.14	43.20
18	71.96	11.03	-7.86	80.25	50.22	43.24	61.72	-32.61	84.33	46.16
19	75.30	19.84	-20.56	74.70	42.73	47.49	60.24	-38.79	84.52	47.94
20	79.43	22.72	-32.15	63.63	33.14	35.01	57.83	-44.36	81.80	50.15
21	84.15	24.97	-41.69	56.16	22.91	26.91	55.43	-50.96	77.48	51.98
22	75.97	28.03	-59.18	20.20	17.62	39.50	58.50	-58.58	72.88	51.01
23	58.71	28.18	-60.54	44.61	8.08	55.16	51.99	-63.93	68.15	47.62
24	54.56	28.07	-75.39	39.72	-0.00	70.10	48.32	-66.58	65.70	42.49
25	41.56	27.85	-84.52	35.85	-8.13	73.26	50.99	-74.36	59.96	34.66
26	29.98	28.04	-89.17	32.15	-10.50	73.74	47.82	-81.52	55.00	24.08
27	19.22	30.48	-99.76	31.37	-10.50	74.24	46.18	-88.56	48.19	18.29
28	13.65	38.00	-97.58	29.62	-10.50	72.21	42.49	-91.04	39.90	9.04
29	12.39	41.43	-111.60	25.08	-10.51	56.49	37.54	-99.84	32.34	-0.00
30	11.98	53.81	-122.01	19.63	-10.91	58.08	35.36	-106.23	26.81	-3.52
31	11.54	65.58	-130.83	10.05	-11.67	50.03	32.22	-112.82	19.47	-11.56
32	12.98	77.09	-138.95	5.48	-13.81	41.66	27.30	-115.54	10.11	-13.70
33	17.70	92.04	-142.76	-2.82	-14.27	16.91	26.74	-118.16	6.28	-16.18
34	17.69	97.45	-135.55	-16.21	-20.78	-30.26	26.60	-121.08	3.98	-17.75
35	15.54	108.65	-115.13	-26.50	-28.06	-45.91	28.07	-119.89	-1.70	-19.90
36	16.54	112.44	-84.72	-38.08	-32.31	-50.58	30.00	-115.40	-3.61	-19.94
37	15.79	115.88	-74.31	-46.22	-36.59	-59.69	30.40	-107.97	-5.92	-20.56
38	11.00	116.39	-56.90	-59.44	-39.14	-75.13	30.46	-99.65	-8.47	-22.60
39	7.86	116.05	-39.82	-70.04	-43.98	-77.73	30.76	-90.71	-12.88	-26.13
40	5.86	114.20	-38.92	-77.86	-49.92	-94.09	31.10	-81.26	-18.12	-27.86
41	-0.00	111.36	-39.46	-83.95	-53.98	-85.11	31.71	-71.54	-23.99	-30.21
42	-6.14	107.33	-42.21	-88.55	-57.62	-88.89	32.75	-61.98	-28.00	-32.55
43	-11.33	102.67	-47.11	-89.67	-63.73	-91.17	33.89	-52.61	-35.62	-32.52
44	-12.31	95.23	-52.67	-90.50	-66.58	-97.21	35.42	-39.22	-41.37	-28.86
45	-12.52	95.72	-56.85	-89.10	-72.20	-97.81	38.26	-22.26	-46.73	-25.21
46	-13.13	80.82	-60.82	-82.33	-76.32	-97.46	41.46	-10.98	-52.44	-20.46
47	-13.99	88.28	-64.73	-69.32	-77.79	-95.66	42.00	0.60	-59.02	-16.85
48	-15.99	86.00	-65.84	-40.94	-82.24	-87.79	38.74	7.84	-61.61	-14.43
49	-20.26	84.72	-67.66	-13.12	-85.66	-85.24	31.51	11.08	-62.55	-13.00
50	-33.74	80.22	-66.78	6.69	-87.75	-40.58	22.05	14.72	-59.09	-12.69

RECORDS=235  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENTS=M  
 SIGNAL=GR,ACC. CORRECTION=ARC,ERR. STATION=AOMORI,S  
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.,R301 TOTAL NUMBER OF DATA=13800

NO.	( 2500)	( 2550)	( 2600)	( 2650)	( 2700)	( 2750)	( 2800)	( 2850)	( 2900)	( 2950)
1	-12.38	-38.59	25.09	-43.57	84.96	-15.23	3.50	25.20	-38.78	-15.93
2	-14.84	-35.04	22.85	-21.32	75.51	-13.81	2.20	29.44	-40.42	-14.63
3	-9.82	-30.92	20.81	-10.58	69.46	-11.62	-0.70	37.14	-41.61	-12.99
4	-5.88	-27.06	19.68	-5.80	55.23	-9.03	-2.71	47.28	-43.53	-10.00
5	-2.99	-24.41	17.30	-2.93	46.61	-4.89	-6.25	56.72	-46.68	-5.17
6	0.00	-21.90	17.33	-5.19	41.21	-3.70	-12.10	72.61	-50.39	0.00
7	10.08	-17.50	17.76	-3.60	32.57	-2.99	-15.23	83.14	-57.32	1.70
8	14.03	-17.42	18.67	-3.20	25.05	0.00	-18.30	92.97	-61.89	4.11
9	24.16	-16.24	19.64	-2.70	32.66	2.50	-25.30	96.69	-65.21	7.42
10	32.35	-15.14	20.15	-1.50	21.07	6.03	-29.49	96.31	-73.93	9.44
11	34.64	-12.87	20.74	0.10	16.72	9.82	-32.59	94.32	-78.00	11.59
12	37.97	-11.93	21.05	0.80	12.33	10.94	-38.89	88.29	-83.96	14.92
13	41.07	-9.64	20.47	1.90	10.18	12.71	-42.87	80.59	-92.61	19.42
14	43.26	-6.56	18.66	3.40	9.17	15.98	-46.76	72.21	-99.93	20.92
15	45.14	-2.59	13.04	4.41	7.73	19.28	-52.54	65.55	-102.46	22.29
16	47.26	2.41	8.73	5.90	2.70	20.92	-56.41	61.02	-105.16	24.01
17	49.08	9.50	4.57	5.90	0.20	22.53	-62.19	57.95	-110.44	25.12
18	50.43	14.73	-1.90	6.51	-0.90	24.40	-64.35	53.17	-113.78	27.46
19	49.59	19.78	-7.15	7.51	-4.51	25.91	-66.08	49.81	-115.58	29.37
20	46.52	23.23	-11.87	8.65	-5.84	26.72	-70.07	48.40	-116.71	31.99
21	41.42	28.25	-17.87	11.71	-10.63	27.90	-71.44	46.54	-118.50	32.48
22	35.36	38.33	-20.22	18.58	-12.08	28.53	-71.75	45.20	-120.36	33.46
23	20.96	43.87	-3.12	19.66	-14.60	28.17	-71.16	44.94	-122.22	34.78
24	9.19	53.67	-35.17	20.61	-16.93	28.03	-69.41	44.56	-123.85	35.41
25	-1.80	60.70	-39.96	24.69	-19.26	28.18	-66.40	44.42	-124.66	35.95
26	-8.76	65.63	-48.20	31.83	-22.70	28.13	-62.98	43.97	-125.10	36.74
27	-12.27	71.46	-49.13	35.42	-26.53	28.30	-60.52	42.61	-124.13	37.25
28	-14.34	72.24	-60.41	42.09	-31.21	28.39	-55.29	39.56	-120.40	37.59
29	-15.25	73.34	-65.97	52.72	-38.00	28.75	-50.26	35.94	-114.04	38.05
30	-16.58	73.63	-77.33	58.87	-41.91	28.51	-46.23	33.22	-107.48	38.43
31	-25.41	73.69	-80.48	74.78	-46.10	26.70	-42.46	27.34	-100.58	38.47
32	-30.51	72.99	-80.18	94.80	-49.84	22.23	-38.84	26.25	-92.98	38.40
33	-40.70	72.22	-89.73	112.37	-51.58	16.89	-35.59	24.63	-84.79	38.53
34	-50.02	71.50	-101.76	119.36	-54.02	9.15	-32.20	23.36	-78.06	39.33
35	-60.04	70.32	-104.71	126.24	-56.07	6.25	-27.34	22.22	-74.24	40.90
36	-64.49	67.40	-107.75	131.81	-57.66	0.50	-23.36	21.35	-69.64	42.57
37	-68.90	62.74	-113.27	132.08	-60.10	-3.51	-19.08	19.85	-65.66	44.92
38	-79.30	52.27	-114.99	131.93	-61.84	-7.03	-16.39	17.88	-62.70	47.61
39	-82.53	44.68	-113.36	131.76	-62.95	-9.72	-14.50	13.45	-58.80	51.90
40	-86.10	38.54	-110.36	131.36	-65.09	-10.70	-12.33	9.55	-53.49	58.32
41	-84.52	35.16	-111.75	130.21	-62.48	-10.71	-10.11	2.10	-46.56	63.71
42	-81.01	34.85	-114.50	127.11	-63.88	-11.08	-5.88	-0.00	-41.06	69.05
43	-77.17	33.88	-117.73	123.16	-66.92	-10.46	-3.40	-2.81	-39.50	72.16
44	-70.16	33.78	-116.53	119.81	-62.47	-8.74	-2.40	-11.71	-37.87	75.79
45	-63.32	33.70	-115.63	115.26	-65.98	-5.19	-0.70	-15.67	-34.06	78.47
46	-52.19	33.72	-112.56	111.11	-65.98	-3.89	0.80	-19.47	-30.12	78.22
47	-49.16	33.54	-106.82	108.58	-28.68	-1.90	4.12	-28.53	-27.82	77.52
48	-44.84	32.34	-90.57	105.13	-26.65	0.80	9.97	-31.54	-25.98	76.57
49	-41.85	28.41	-77.92	101.23	-23.12	2.20	13.58	-35.40	-23.11	76.18
50			-65.27	95.45	-19.11	2.85	19.55	-37.07	-19.44	75.73

NO.	( 5000 )	( 5050 )	( 5100 )	( 5200 )	( 5250 )	( 5300 )	( 5350 )	( 5400 )	( 5450 )
1	72.29	-24.19	1.00	-24.42	-56.82	14.64	40.13	-46.61	-10.07
2	74.07	-22.91	2.20	-23.76	-58.28	17.75	42.80	-48.67	-13.46
3	71.12	-18.86	1.80	-22.46	-27.62	20.06	44.71	-51.82	-17.67
4	62.86	-17.11	0.40	-20.83	-23.06	22.09	46.59	-54.83	-21.71
5	58.63	-15.56	-0.90	-18.54	-21.96	25.00	48.45	-56.14	-24.07
6	59.41	-12.94	-3.31	-14.61	-21.54	28.11	51.75	-60.84	-27.98
7	49.46	-11.21	-5.83	-16.36	-20.94	30.62	53.62	-61.87	-27.48
8	43.02	-7.75	-10.05	-13.99	-20.40	30.92	53.64	-62.84	-28.47
9	37.22	-4.09	-12.61	-11.27	-20.40	32.09	53.60	-65.37	-28.82
10	30.26	-1.80	-15.92	-7.48	-20.40	33.41	53.66	-65.97	-28.99
11	23.25	0.40	-18.83	-3.87	-20.43	34.76	53.64	-66.38	-29.92
12	22.78	0.80	-22.94	-1.40	-20.74	36.97	53.85	-65.75	-32.48
13	20.86	2.10	-25.74	-0.00	-21.16	41.33	54.31	-64.12	-34.33
14	19.20	3.20	-26.63	-0.50	-21.64	45.09	55.08	-60.39	-36.04
15	15.48	4.40	-26.60	-1.60	-23.29	47.87	55.40	-58.24	-36.69
16	11.27	5.30	-26.57	-2.80	-24.97	49.83	55.14	-56.43	-37.22
17	9.30	5.70	-25.11	-3.80	-26.82	50.91	53.30	-55.74	-36.52
18	1.30	5.90	-23.31	-4.50	-27.61	51.69	50.98	-54.82	-35.48
19	-1.90	5.90	-18.83	-5.51	-28.39	51.94	48.03	-52.94	-34.25
20	-3.02	6.40	-9.47	-6.41	-28.47	51.94	45.09	-50.85	-33.08
21	-9.67	6.81	-7.63	-7.21	-30.60	52.13	40.37	-44.81	-32.70
22	-13.28	8.23	-2.20	-7.90	-30.70	52.30	33.25	-35.48	-32.70
23	-18.10	10.60	0.00	-1.70	-30.78	52.36	24.73	-27.42	-32.54
24	-22.58	13.01	7.85	-0.10	-31.02	50.85	21.22	-20.93	-32.02
25	-26.85	21.45	-8.72	0.00	-30.62	49.24	17.41	-12.35	-32.23
26	-29.02	26.51	-9.83	0.40	-30.18	48.06	13.16	-4.98	-32.61
27	-30.41	32.70	-11.94	0.90	-29.51	46.02	12.08	-0.50	-32.39
28	-33.82	37.58	-12.90	1.40	-28.55	42.87	11.59	6.44	-32.79
29	-40.85	42.33	-15.81	1.10	-27.21	39.83	11.21	11.05	-33.24
30	-46.45	46.01	-17.79	0.60	-25.72	38.08	11.72	13.21	-33.82
31	-52.15	46.78	-19.12	-0.00	-17.20	35.64	12.52	18.73	-34.35
32	-57.23	47.34	-20.71	-0.80	-15.65	34.64	13.17	21.70	-35.01
33	-61.73	47.89	-21.92	-2.21	-14.73	32.24	12.45	22.77	-35.74
34	-65.22	48.40	-23.12	-7.55	-13.12	29.27	11.05	24.20	-36.21
35	-66.93	48.96	-24.47	-11.95	-10.97	27.60	9.08	25.10	-36.67
36	-73.37	49.51	-25.77	-13.79	-9.69	27.73	7.84	26.50	-37.10
37	-75.23	49.75	-27.08	-15.98	-9.29	27.37	3.68	27.19	-37.10
38	-78.64	49.80	-28.63	-17.46	-8.48	27.20	-1.80	27.73	-36.45
39	-83.74	49.38	-30.64	-20.08	-7.49	27.11	-3.71	27.90	-33.75
40	-82.54	48.90	-32.60	-24.59	-6.59	26.54	-5.95	27.90	-28.62
41	-84.03	46.01	-33.09	-26.75	-5.90	25.16	-12.00	27.46	-25.24
42	-80.05	41.03	-32.18	-29.08	-5.49	25.81	-13.93	24.79	-21.10
43	-73.97	33.46	-31.15	-31.89	-4.69	25.27	-17.44	21.87	-15.14
44	-68.23	22.77	-29.91	-37.45	-3.30	25.19	-24.16	19.44	-10.07
45	-56.72	12.20	-28.56	-41.45	-1.90	25.91	-28.11	15.04	-4.08
46	-47.00	5.96	-24.04	-41.70	3.61	27.12	-32.36	8.05	0.40
47	-39.44	1.00	-26.46	-41.70	6.62	30.15	-35.57	4.78	5.42
48	-32.45	0.	-26.14	-41.41	8.42	31.45	-37.86	0.30	8.33
49	-30.71	0.00	-25.62	-40.51	9.98	32.74	-40.37	-2.40	10.19
50	-27.32	0.80	-25.06	-38.72	12.28	36.72	-44.18	-6.24	14.94

RECORD=S-235  
DATE AND TIME=1966. 5.16. 9.49

COMPONENT=B-W  
SIGNAL=GR,AUC.  
CURVECTION=ARC,ERR,  
FORMAT NO.=301

STATION=ADMORI-S  
TOTAL NUMBER OF DATA=13800

RECORD=5-205  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=E-K  
 SIGNAL=GR.ACC. CURRECTION=ARG.ERR.  
 SAMPLING INTERVAL= 0.010(4SEC) FORMAT NO.=501  
 STATION=ADHORI-S  
 TOTAL NUMBER OF DATA=13800

NO.	( 320C)	( 3350)	( 3600)	( 3700)	( 3800)	( 3900)	( 3950)
1	14.06	-55.54	60.25	-21.67	-18.85	-55.05	60.97
2	20.17	-37.24	8.48	-13.42	-19.46	-54.32	-22.45
3	20.13	-38.17	4.76	-11.21	-20.11	-49.07	57.79
4	20.62	-69.88	50.39	-8.06	-20.16	-33.28	26.67
5	21.99	-43.91	54.79	-1.80	-19.59	-38.49	55.00
6	23.76	-48.14	59.76	-4.32	-18.34	-51.01	-24.28
7	25.05	-50.23	71.65	-8.36	-17.45	-27.04	53.84
8	28.66	-53.19	77.44	-12.34	-16.64	-23.15	-25.86
9	30.64	-57.31	97.61	-13.74	-15.54	-16.36	-27.13
10	31.12	-61.40	103.85	-14.91	-14.44	-12.38	-30.24
11	31.66	-63.21	129.07	-17.39	-11.07	-2.89	-36.41
12	31.73	-66.00	146.56	-20.24	-8.44	0.70	-39.36
13	30.80	-66.50	159.97	-20.76	-7.49	7.66	-42.84
14	29.13	-70.64	169.37	-21.45	-6.29	12.26	-45.81
15	26.80	-72.73	171.03	-21.98	-5.39	20.16	-49.85
16	25.63	-74.66	178.79	-22.84	-4.80	22.03	-53.12
17	25.19	-74.12	179.91	-24.14	-3.80	24.03	-55.16
18	25.10	-74.76	179.90	-25.21	-2.71	30.03	-61.18
19	25.10	-74.90	179.63	-26.28	-2.40	30.86	-63.71
20	25.10	-74.27	179.00	-28.82	-2.40	31.90	-65.74
21	25.17	-72.75	175.75	-31.11	-2.10	32.23	-73.69
22	25.09	-69.54	171.91	-34.84	-2.70	34.31	-76.29
23	25.01	-65.25	167.87	-36.54	-3.00	39.14	-81.96
24	25.09	-65.84	162.24	-38.87	-3.90	44.12	-84.96
25	25.05	-49.03	152.93	-41.83	-5.31	45.62	-88.05
26	25.47	-44.34	148.57	-42.51	-6.96	47.51	-90.60
27	25.99	-36.78	139.57	-43.04	-12.64	51.87	-91.32
28	26.55	-26.05	128.75	-43.06	-13.88	55.65	-90.82
29	26.82	-22.26	117.92	-42.96	-22.48	57.46	-88.76
30	26.95	-17.71	-06.85	-42.86	-26.64	59.41	-82.61
31	27.26	-14.98	99.46	-42.94	-28.31	66.99	-74.49
32	27.30	-12.45	88.46	-42.99	-30.70	69.25	-66.41
33	25.42	-10.97	76.68	-41.62	-31.27	71.53	-59.26
34	25.50	-9.89	69.96	-40.13	-32.05	74.01	-54.50
35	21.84	-9.48	58.77	-38.22	-32.78	80.94	-47.51
36	19.68	-8.70	52.03	-40.23	-33.67	85.22	-40.86
37	11.69	-8.39	46.67	-39.60	-34.73	89.90	-35.84
38	7.79	-7.69	41.94	-38.37	-37.25	87.43	-26.58
39	-0.10	-6.99	35.04	-36.71	-35.64	85.90	-17.40
40	-4.64	-6.20	31.82	-35.39	-37.25	87.89	-10.87
41	-12.53	-5.59	27.72	-33.21	-44.11	88.10	-13.55
42	-16.58	-4.39	26.80	-30.81	-47.08	87.10	0.00
43	-19.98	-1.90	26.59	-28.03	-47.99	87.78	-14.76
44	-25.28	0.00	25.29	-16.70	-49.50	85.51	-16.06
45	-26.63	4.61	24.51	-16.66	-51.33	83.85	-17.14
46	-28.40	7.02	23.58	-17.89	-52.43	81.83	-17.80
47	-30.98	8.87	21.08	-13.60	-52.43	78.82	-17.81
48	-33.92	13.06	19.81	-11.17	-53.53	73.82	-17.96
49	-32.93	17.64	18.40	-10.05	-54.77	69.66	-18.88
50	-34.14	25.27	16.42	-7.155	-55.73	65.50	-19.95
				-18.10	-55.61		-20.66

RECORD=S-235 COMPONENT=L-I/ SIGNAL=SR.AUC. CURVECTION=ARC.ERR. STATION=ADMORI.S  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=13800

NO.	( 4000)	( 4050)	( 4100)	( 4150)	( 4200)	( 4250)	( 4300)	( 4350)	( 4400)	( 4450)
1	1.60	32.64	1.00	7.46	-64.45	1.60	2.60	57.77	7.09	-35.89
2	5.21	33.27	6.86	3.89	-63.60	1.60	4.51	60.80	5.90	-36.40
3	6.40	34.62	12.51	1.80	-62.02	1.60	6.61	64.92	5.60	-36.29
4	6.41	37.42	15.82	-0.00	-58.09	1.40	7.80	67.23	5.60	-35.03
5	8.02	40.75	20.03	-0.80	-54.42	0.40	7.20	68.19	5.60	-31.78
6	9.73	45.31	24.43	-2.10	-52.34	-0.80	7.61	70.80	5.60	-29.53
7	11.42	46.97	31.92	-3.20	-50.39	-2.10	8.14	70.80	5.60	-27.01
8	12.21	45.25	36.82	-4.21	-45.70	-3.50	9.32	70.76	5.50	-24.84
9	12.41	48.52	38.67	-6.45	-40.55	-4.81	10.38	70.14	5.10	-18.50
10	12.60	51.42	41.40	-11.73	-35.97	-6.71	10.98	68.99	4.20	-15.80
11	12.70	53.17	45.74	-12.71	-35.64	-7.95	15.94	63.06	3.70	-12.13
12	12.60	55.58	48.50	-15.92	-31.62	-10.13	16.64	59.72	2.80	-6.87
13	12.60	56.81	49.48	-19.99	-30.10	-11.60	17.26	57.18	2.10	-3.70
14	12.62	57.49	51.80	-25.27	-28.48	-13.80	18.15	51.70	1.50	-3.19
15	13.21	58.13	54.59	-24.93	-28.38	-15.55	18.65	47.53	0.80	0.30
16	13.60	58.50	56.57	-27.37	-27.57	-22.16	19.44	46.71	-0.00	6.32
17	13.70	58.01	57.84	-29.22	-26.19	-24.74	20.00	45.29	-0.80	8.92
18	13.61	56.86	59.78	-31.59	-24.46	-27.38	21.14	42.16	-2.60	10.39
19	13.70	54.86	61.54	-34.12	-20.54	-30.45	21.53	39.57	-6.06	14.35
20	13.60	51.82	63.51	-36.67	-17.74	-35.91	21.86	38.72	-13.90	17.73
21	13.60	48.92	64.49	-38.19	-15.40	-39.60	22.51	37.42	-18.69	19.56
22	13.60	46.86	65.52	-40.67	-13.43	-41.07	23.40	35.94	-21.33	20.36
23	13.49	45.20	65.15	-43.74	-11.53	-42.68	23.54	34.79	-23.72	22.14
24	13.17	43.34	62.10	-45.77	-9.21	-44.40	24.63	34.13	-25.40	23.39
25	12.79	40.46	64.65	-47.12	-4.60	-45.62	24.91	33.92	-26.16	24.28
26	12.88	37.07	63.90	-48.45	-3.50	-45.25	25.73	34.00	-27.10	25.63
27	11.69	34.66	62.51	-49.67	-2.70	-44.98	26.58	34.00	-27.23	26.40
28	11.21	32.29	60.29	-50.70	-2.00	-43.09	27.05	34.00	-27.90	26.40
29	11.51	30.00	58.91	-51.71	-0.40	-41.59	27.36	34.00	-27.90	26.40
30	11.94	27.43	57.68	-52.75	0.30	-37.71	27.75	33.95	-27.90	26.52
31	13.00	24.56	56.19	-53.65	1.90	-30.95	28.14	33.51	-27.90	27.31
32	13.66	20.84	50.83	-54.09	3.30	-29.68	29.16	32.38	-27.85	27.98
33	14.84	15.37	50.56	-54.20	4.31	-28.00	30.96	31.31	-27.52	28.40
34	15.72	9.97	47.62	-54.20	6.81	-25.33	31.79	29.88	-26.99	28.40
35	17.60	8.36	46.15	-54.20	7.80	-17.98	32.73	28.21	-26.33	28.05
36	17.80	6.76	43.73	-54.52	7.81	-16.20	33.72	26.59	-25.87	28.10
37	17.63	3.10	40.51	-55.09	8.20	-14.49	34.73	25.28	-25.62	28.10
38	18.24	1.90	37.79	-55.65	8.20	-12.13	35.98	24.37	-25.03	28.20
39	18.85	0.40	34.95	-56.62	7.90	-9.87	37.48	23.34	-24.70	28.86
40	19.44	-0.00	32.94	-57.82	7.69	-8.59	39.47	21.99	-25.47	29.00
41	19.96	-1.00	30.88	-59.36	7.20	-7.79	39.97	20.86	-25.90	29.64
42	20.03	-2.10	28.00	-61.30	7.20	-6.99	40.98	19.37	-26.19	29.80
43	20.73	-2.80	24.79	-62.88	7.20	-6.10	42.51	17.64	-28.05	29.74
44	21.15	-3.50	20.07	-64.61	7.19	-5.69	43.48	13.94	-29.14	29.41
45	21.56	-3.50	20.33	-65.82	6.69	-4.70	45.02	12.57	-30.66	29.00
46	24.01	-3.50	16.48	-67.76	5.79	-3.80	47.19	11.67	-31.67	29.00
47	24.95	-3.50	16.79	-70.60	4.29	-2.60	49.34	10.78	-32.50	29.00
48	26.28	-2.80	13.35	-71.82	1.60	-1.30	51.09	9.89	-33.49	29.00
49	29.12	-2.20	9.58	-69.14	1.00	-0.10	54.39	9.28	-34.55	28.93
50	30.91	-0.60	8.53	-66.55	1.60	1.25	55.88	8.18	-35.22	28.12

NO.	( 4500 )	( 4550 )	( 4600 )	( 4650 )	( 4700 )	( 4750 )	( 4800 )	( 4850 )	( 4900 )	( 4950 )
1	27.36	-28.34	-16.00	-0.50	11.41	52.13	-16.52	-24.95	28.78	-33.22
2	26.50	-51.99	-35.75	-0.10	11.82	55.08	-15.18	-21.92	30.68	-36.91
3	25.90	-34.35	-25.83	0.00	12.43	49.75	-12.83	-20.91	33.28	-38.77
4	25.89	-35.34	-18.26	0.60	15.33	43.45	-10.74	-17.97	34.94	-42.75
5	25.80	-36.20	-17.63	1.10	14.14	37.36	-8.86	-16.07	36.35	-48.08
6	25.80	-36.84	-16.59	1.80	15.14	32.43	-5.60	-13.54	38.22	-51.52
7	25.80	-36.85	-14.76	2.40	15.97	25.79	-5.59	-7.28	40.32	-56.65
8	25.80	-34.69	-13.81	2.90	17.14	21.38	-4.79	-5.69	43.13	-59.25
9	25.80	-30.52	-11.51	3.81	17.73	14.62	-3.70	-4.50	45.13	-60.04
10	25.80	-28.75	-8.35	6.11	18.14	10.68	-2.10	-3.40	47.06	-61.16
11	25.80	-27.14	-4.99	7.82	18.67	5.85	-0.60	-2.70	48.45	-61.08
12	25.80	-24.60	-3.29	9.62	19.61	0.80	0.00	-1.30	49.57	-60.00
13	25.80	-23.90	2.51	10.92	20.94	-2.70	0.90	-0.30	50.22	-58.05
14	25.80	-23.90	6.31	15.77	22.48	-4.82	2.50	0.10	51.47	-54.25
15	25.69	-23.69	7.01	18.85	24.23	-8.65	3.80	2.90	53.46	-51.49
16	24.95	-23.37	7.93	19.44	26.08	-10.26	3.30	3.30	55.65	-49.74
17	24.29	-23.10	10.22	19.94	27.92	-11.42	3.70	4.90	57.83	-48.01
18	21.97	-23.10	11.12	20.45	29.00	-12.23	3.70	5.41	60.10	-45.94
19	20.58	-23.10	11.72	21.06	29.11	-13.27	3.60	6.72	62.25	-42.94
20	18.18	-23.10	12.52	21.66	30.20	-15.10	3.20	8.52	63.82	-40.15
21	15.22	-23.16	15.22	22.27	33.10	-16.56	2.40	9.73	65.85	-38.65
22	13.55	-23.67	18.81	23.06	34.79	-18.88	1.80	11.03	66.38	-37.37
23	12.62	-24.33	14.10	24.49	36.47	-21.25	0.80	12.07	66.40	-36.21
24	9.97	-25.31	14.10	25.99	38.60	-22.88	0.40	14.16	66.03	-34.74
25	8.48	-26.27	14.10	27.29	41.54	-24.31	-2.20	14.70	65.72	-32.18
26	6.86	-28.17	14.07	28.22	44.77	-26.07	-3.80	14.73	64.89	-27.59
27	2.89	-30.71	16.57	27.64	46.40	-27.26	-5.41	15.41	63.59	-25.76
28	-0.30	-33.92	12.42	26.59	47.93	-28.41	-7.42	15.60	59.34	-24.08
29	-1.80	-35.47	10.14	25.14	49.48	-30.21	-8.93	15.62	54.68	-22.28
30	-4.31	-36.81	7.38	23.33	52.26	-31.69	-10.44	15.91	50.56	-20.23
31	-6.33	-39.08	5.59	21.87	55.00	-32.49	-12.14	16.12	45.70	-18.35
32	-9.61	-41.51	6.90	20.58	57.22	-33.01	-13.57	16.41	40.36	-17.63
33	-10.20	-44.98	4.80	19.36	59.76	-33.75	-15.43	16.53	35.48	-16.58
34	-10.22	-48.87	2.20	18.88	62.13	-34.02	-17.91	17.01	32.72	-14.67
35	-10.93	-50.77	1.60	18.56	65.92	-34.40	-19.56	17.24	28.91	-14.08
36	-12.23	-54.44	0.40	18.10	69.28	-34.40	-21.47	17.80	25.24	-13.68
37	-13.03	-59.88	0.40	18.06	73.58	-34.15	-22.18	17.82	20.59	-13.08
38	-13.71	-62.77	0.70	17.46	80.47	-33.26	-22.94	18.13	15.43	-12.50
39	-14.01	-64.90	1.20	16.88	84.64	-32.80	-23.30	18.54	14.03	-12.51
40	-14.82	-71.86	1.30	16.60	90.10	-32.80	-23.33	19.00	10.04	-12.82
41	-14.83	-75.36	1.60	16.60	92.45	-32.69	-23.60	19.03	2.80	-13.40
42	-15.60	-79.14	1.00	16.60	92.70	-32.15	-23.66	19.40	0.30	-13.59
43	-17.75	-85.98	0.50	16.56	92.33	-31.41	-24.23	19.43	-5.32	-13.07
44	-21.31	-88.16	-0.00	15.88	91.15	-30.58	-25.21	19.84	-9.13	-12.88
45	-22.43	-89.34	-0.30	15.57	89.95	-30.00	-26.00	20.44	-10.77	-11.88
46	-23.60	-89.28	-1.00	15.06	87.55	-29.62	-26.60	21.99	-13.78	-11.04
47	-24.48	-84.03	-1.00	14.26	85.120	-27.75	-26.60	22.95	-16.01	-8.66
48	-25.86	-76.57	-1.00	13.27	80.936	-25.42	-26.61	24.28	-23.23	-6.30
49	-26.80	-66.24	-1.10	12.58	75.07	-21.62	-26.61	25.64	-25.19	-6.10
50	-27.32	-56.56	-0.80	11.98	69.20	-19.00	-25.96	27.24	-29.27	-6.35

RECORD=S-235  
 DATE AND TIME=1968, 5.16, 9.49  
 COMPONENT=E-W  
 SIGNAL=GR.ACC.  
 CURVECTION=ARC.ERR.  
 SAMPLING INTERVAL= 0.010(SEC)  
 FORMAT NO.=301

STATION=ADMORI-S  
 TOTAL NUMBER OF DATA=13800

RECORD#S-235 COMPONENT=E\*W SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=AHORI-S  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.010 (SEC) FORMAT NO.=801 TOTAL NUMBER OF DATA=13800

NO.	( 5000 )	( 5050 )	( 5100 )	( 5150 )	( 5200 )	( 5250 )	( 5300 )	( 5350 )	( 5400 )	( 5450 )
1	-6.60	55.68	-7.90	11.47	-17.12	34.79	-40.26	13.76	126.59	-5.90
2	-7.11	59.01	-7.89	10.59	-14.46	34.13	-46.53	15.16	129.77	-6.50
3	-7.79	60.17	-7.59	9.79	-13.50	33.75	-48.80	16.47	133.11	-6.60
4	-7.39	61.78	-6.80	9.19	-11.07	33.44	-54.65	17.71	139.61	-6.91
5	-6.70	63.48	-6.99	8.60	-9.87	33.97	-60.84	19.48	140.32	-7.40
6	-6.40	64.68	-6.40	8.70	-8.46	34.50	-62.88	21.65	140.95	-7.40
7	-5.90	64.01	-6.30	8.60	-5.89	35.51	-69.44	23.03	141.05	-7.71
8	-5.90	63.81	-6.30	8.49	-4.40	36.81	-74.35	23.41	139.91	-8.30
9	-6.00	62.23	-5.89	8.09	-3.70	37.60	-79.01	24.24	139.38	-8.61
10	-6.50	57.82	-5.90	7.09	-3.20	37.63	-86.88	24.56	138.70	-9.42
11	-7.00	54.73	-6.00	5.89	-2.50	37.25	-95.44	25.03	138.79	-10.52
12	-7.41	50.66	-6.40	5.00	-1.70	36.88	-100.99	25.20	139.58	-11.52
13	-7.91	45.44	0.40	4.40	0.00	35.83	-108.80	25.21	140.20	-12.23
14	-8.62	40.13	1.90	4.00	1.60	34.79	-111.93	25.26	141.56	-13.02
15	-9.71	34.44	8.02	3.80	2.81	33.75	-114.26	24.95	143.11	-13.62
16	-10.32	28.72	9.23	3.40	8.81	33.14	-116.79	24.52	143.19	-14.06
17	-11.00	25.89	11.05	2.80	9.62	32.49	-117.67	23.98	142.40	-15.58
18	-11.00	24.91	13.13	2.10	10.43	31.90	-119.01	23.74	140.76	-17.08
19	-11.00	22.65	14.08	2.10	11.82	30.91	-119.52	23.24	139.02	-17.52
20	-11.10	19.58	16.20	1.20	12.46	29.50	-119.87	22.88	137.06	-17.79
21	-11.10	17.03	19.64	0.80	14.47	27.87	-119.38	23.55	134.36	-17.62
22	-11.10	15.97	20.26	-3.21	20.21	25.91	-117.01	24.04	128.59	-17.94
23	-11.08	15.32	21.87	-6.82	21.46	24.06	-112.73	25.08	123.31	-18.56
24	-10.39	13.84	22.87	-9.34	22.06	22.63	-106.91	25.86	120.64	-19.32
25	-9.88	12.37	23.46	-11.73	22.68	18.59	-100.68	27.53	116.52	-19.60
26	-9.68	11.49	23.96	-12.85	23.30	15.85	-95.76	28.44	113.02	-19.60
27	-7.84	7.68	24.52	-20.03	23.66	14.96	-88.13	28.71	103.04	-19.50
28	-3.70	6.40	25.37	-23.71	23.81	14.17	-79.32	30.81	104.66	-19.24
29	-2.80	5.89	25.80	-24.95	23.90	13.94	-69.58	33.59	103.40	-18.59
30	-1.70	4.79	25.74	-28.73	23.90	11.86	-60.49	35.47	97.82	-18.38
31	-0.60	3.60	25.74	-32.88	23.96	10.37	-53.07	37.45	91.31	-18.08
32	0.00	1.90	25.35	-34.35	24.53	8.94	-48.54	38.46	85.17	-17.77
33	1.40	1.30	24.85	-36.54	25.47	5.68	-45.73	40.75	80.20	-17.86
34	3.20	0.40	23.90	-38.73	26.00	3.20	-41.27	43.82	73.70	-16.78
35	5.20	0.	23.84	-42.05	26.72	1.20	-34.44	47.55	70.99	-16.58
36	7.96	0.00	23.35	-45.17	27.48	0.10	-27.23	49.89	64.49	-16.08
37	12.33	-0.50	22.90	-46.69	28.05	-0.00	-23.12	52.19	60.19	-15.28
38	13.36	1.50	22.07	-47.84	28.36	-5.12	-18.32	57.17	48.95	-15.35
39	15.32	1.90	21.73	-48.00	29.76	-7.92	-14.48	61.03	38.78	-14.47
40	21.65	2.50	20.99	-47.00	30.12	-9.11	-9.76	63.58	33.55	-13.87
41	24.21	4.41	19.76	-45.34	30.80	-9.94	-3.09	71.72	23.54	-13.06
42	26.89	6.21	18.04	-43.49	31.60	-12.04	1.20	78.61	14.24	-11.86
43	30.56	7.50	15.83	-40.76	31.60	-16.66	3.31	82.86	10.59	-10.59
44	34.79	7.90	14.56	-38.16	31.66	-20.95	5.61	86.03	2.00	-10.19
45	38.56	7.70	13.67	-36.88	32.05	-22.26	7.62	88.62	0.30	-9.69
46	38.55	7.70	12.98	-35.10	32.90	-24.21	9.21	92.65	0.60	-9.28
47	41.48	7.70	12.69	-32.35	34.07	-27.07	9.73	100.39	-4.80	-8.40
48	46.35	7.70	12.10	-27.32	34.81	-33.36	11.12	108.07	-5.30	-8.40
49	48.66	7.90	12.09	-25.10	35.40	-34.79	11.82	112.56	-5.80	-8.40
50	50.48	7.90	11.79	-20.91	35.15	-36.32	12.78	116.88	-5.60	-8.40

RECORD=5-233  
 DATE AND TIME=1968, 5.16, 9.49  
 COMPONENT=E-W  
 SIGNAL=GR,ACC.  
 INTERVAL= 0.010(SEC)  
 CORRECTION=ARC,ERR,  
 FORMAT NO.=301  
 STATION=ADMORI-S  
 TOTAL NUMBER OF DATA=13800

NO.	( 5900)	( 5550)	( 5600)	( 5650)	( 5700)	( 5750)	( 5800)	( 5850)	( 5900)	( 5950)
1	-8.40	-56.33	11.21	57.67	-0.70	-5.50	9.97	17.59	50.06	-7.39
2	-8.20	-56.00	11.61	52.68	-2.51	-4.80	8.60	17.30	51.52	-6.80
3	-8.20	-55.00	11.90	49.79	-7.95	-4.00	8.56	17.31	52.35	-6.49
4	-8.51	-54.19	11.90	49.76	-11.93	-2.60	5.97	17.60	53.20	-5.90
5	-9.11	-52.92	11.90	49.90	-13.03	-2.80	2.40	19.07	54.16	-5.50
6	-9.50	-52.03	11.93	51.01	-16.58	-3.40	0.90	19.96	55.15	-5.00
7	-9.30	-52.73	12.81	52.43	-17.99	-3.70	0.80	20.47	56.17	-4.30
8	-8.49	-52.88	13.08	53.04	-19.26	-3.90	0.20	21.49	57.86	-3.80
9	-8.49	-53.90	12.49	53.38	-20.12	-3.90	-0.90	22.86	59.38	-3.80
10	-7.68	-53.04	12.19	53.62	-22.65	-4.60	-1.80	23.09	59.70	-3.50
11	-6.09	-52.76	11.75	53.52	-24.15	-5.30	-1.70	24.84	60.40	-2.90
12	-5.19	-52.14	10.19	52.92	-25.90	-5.69	-2.10	26.52	61.82	-2.90
13	-4.39	-49.79	9.78	52.14	-26.15	-3.70	-2.70	27.39	63.03	-1.60
14	-1.10	-46.39	8.60	51.80	-28.66	-3.20	-3.00	28.52	62.61	-0.90
15	-0.20	-41.70	8.39	50.81	-34.12	-3.20	-2.80	29.23	62.25	-0.50
16	1.70	-34.56	7.99	49.03	-35.89	-2.10	-1.40	29.91	61.79	0.
17	0.92	-27.74	7.60	47.15	-37.11	-1.70	-1.00	31.33	59.74	0.30
18	8.95	-26.08	7.81	44.53	-38.90	-1.10	0.	32.06	58.16	0.70
19	11.90	-23.47	8.21	40.83	-39.30	-0.20	0.00	33.51	56.06	1.00
20	11.90	-17.67	8.61	36.70	-39.90	0.00	0.70	34.48	52.91	1.30
21	12.08	-12.85	9.61	32.70	-40.87	0.80	2.60	35.18	49.77	1.70
22	17.53	-5.98	9.81	29.02	-42.80	1.90	5.12	35.67	47.44	2.00
23	17.90	-1.00	10.49	24.52	-45.02	1.90	7.92	35.96	45.77	2.20
24	17.96	0.00	10.20	23.53	-47.29	4.11	9.21	37.20	38.84	2.50
25	18.66	2.40	10.29	18.90	-49.27	6.21	9.92	38.05	35.75	3.00
26	17.98	4.31	9.89	16.61	-50.61	7.93	11.02	38.53	33.06	2.60
27	16.26	7.73	9.39	16.30	-52.87	10.23	11.64	38.99	29.77	1.10
28	13.93	9.93	8.81	16.25	-54.70	11.76	13.06	39.50	27.99	0.10
29	12.37	11.31	9.52	15.62	-55.43	13.75	13.06	39.80	25.57	-0.00
30	11.30	11.73	10.42	13.78	-55.80	15.06	14.71	39.80	23.22	-0.70
31	0.80	12.61	11.47	13.30	-56.61	16.30	16.59	38.91	20.22	-1.70
32	-1.00	13.02	13.98	13.29	-56.91	16.50	18.00	38.34	18.10	-2.20
33	-11.63	13.50	16.05	12.95	-57.38	16.50	18.00	38.51	15.51	-3.00
34	-16.07	13.61	18.93	11.67	-57.79	17.04	16.94	40.29	12.53	-3.40
35	-19.85	13.78	21.93	10.80	-57.41	17.62	16.08	42.15	10.51	-3.70
36	-31.63	13.36	24.38	10.90	-56.92	17.95	15.78	42.15	8.34	-4.20
37	-40.76	12.40	28.39	10.90	-54.09	18.61	15.50	42.99	6.95	-4.50
38	-46.84	12.29	30.16	10.80	-52.41	18.82	15.50	44.07	5.15	-4.90
39	-49.41	12.00	33.58	10.80	-50.89	19.00	15.50	44.47	4.47	-5.70
40	-52.51	11.98	47.22	10.80	-46.47	18.91	15.50	45.09	4.27	-6.52
41	-56.57	11.19	53.91	10.74	-48.41	17.78	15.50	45.38	4.27	-7.31
42	-57.48	10.99	64.78	8.40	-49.16	17.37	15.50	45.87	4.27	-8.12
43	-57.73	10.79	66.43	8.18	-49.21	17.37	15.50	46.38	4.27	-8.97
44	-58.19	10.41	68.61	6.50	-48.89	15.06	15.50	46.98	4.27	-9.81
45	-58.52	11.01	69.90	5.98	-48.93	14.17	16.19	47.64	4.27	-10.66
46	-58.90	11.39	69.91	4.00	-48.26	13.56	16.01	48.38	4.27	-11.51
47	-58.56	11.20	68.02	3.20	-47.17	12.27	16.27	49.12	4.27	-12.36
48	-57.62	11.20	67.04	2.60	-46.17	11.40	17.40	49.89	4.27	-13.21
49	-57.30	11.20	62.79	1.70	-45.97	11.28	17.40	48.68	4.27	-14.06
50	-56.71	11.20	60.99	0.20	-45.23	10.63	17.40	48.68	4.27	-14.91

RECORDS-235	COMPONENT=E+M	SIGNAL=GR.ACU.	CORRECTION=ARC.ERR.	STATION=ADMORIS			
DATE AND TIME=1968, 5.16, 9.49	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301		TOTAL NUMBER OF DATA=13800			
NO.	( 6000)	( 6100)	( 6200)	( 6250)	( 6300)	( 6400)	( 6450)
1	-13.40	19.62	-38.46	50.68	45.03	8.41	-38.84
2	-13.40	18.63	-40.92	50.47	41.12	9.12	-43.26
3	-13.39	17.69	-42.32	50.25	38.91	10.54	-44.87
4	-13.11	16.99	-41.68	50.20	37.78	12.07	-46.31
5	-12.75	16.98	-40.49	50.20	36.32	14.43	-47.13
6	-11.51	13.47	-39.44	59.97	34.97	15.03	-47.50
7	-14.01	5.67	-37.98	59.90	32.97	15.59	-47.69
8	-14.32	-2.00	-36.02	59.90	32.22	15.59	-48.30
9	-14.72	8.76	-33.04	59.90	32.30	15.16	-49.06
10	-15.13	6.63	-29.64	59.90	32.30	14.28	-49.61
11	-15.87	9.66	-28.35	59.21	32.30	13.98	-50.23
12	-17.19	12.87	-27.38	50.61	32.23	13.77	-50.93
13	-18.57	14.92	-25.97	51.10	31.89	13.07	-51.48
14	-19.44	17.69	-24.26	51.69	31.33	12.38	-51.70
15	-20.55	21.93	-21.68	51.96	30.54	11.89	-51.59
16	-21.16	25.29	-19.37	52.00	29.73	11.59	-51.50
17	-21.79	27.42	-15.54	52.00	28.68	11.29	-51.50
18	-22.72	29.32	-11.80	51.84	27.07	10.79	-51.39
19	-23.82	30.64	-8.46	51.48	26.33	10.40	-51.02
20	-24.95	32.38	-5.30	51.08	25.74	10.39	-50.37
21	-26.08	34.40	-2.40	50.45	24.68	10.10	-50.37
22	-27.60	35.70	1.20	50.07	23.84	10.00	-48.83
23	-29.98	33.82	4.20	50.00	23.32	10.09	-46.68
24	-34.25	34.40	7.20	50.31	22.62	9.67	-43.66
25	-35.52	35.18	10.11	50.96	22.62	8.39	-40.61
26	-36.73	35.81	13.11	50.96	21.91	7.68	-39.47
27	-40.24	36.21	16.24	51.75	20.99	6.28	-38.44
28	-44.62	36.64	22.14	52.15	19.83	5.89	-37.98
29	-48.01	37.09	24.43	53.05	18.99	2.30	-37.46
30	-47.86	37.30	26.45	53.54	17.54	1.10	-36.70
31	-49.12	37.30	30.19	53.95	15.18	-0.00	-36.09
32	-50.33	37.30	35.48	54.23	12.76	-1.30	-35.80
33	-51.15	37.30	37.43	54.60	11.55	-2.60	-35.77
34	-51.73	37.30	42.11	54.60	11.81	-4.80	-35.70
35	-51.12	37.21	47.71	54.60	5.58	-4.00	-35.70
36	-49.01	36.80	50.61	54.42	2.20	-4.30	-35.73
37	-46.63	36.13	54.85	54.22	1.00	-4.70	-35.66
38	-43.07	35.33	58.50	53.85	-0.20	-5.10	-35.64
39	-38.98	34.15	60.33	53.54	-1.40	-5.72	-34.42
40	-37.38	33.44	61.04	52.91	-1.10	-8.02	-32.88
41	-35.22	32.12	61.52	52.06	-0.50	-9.33	-30.02
42	-33.17	29.81	61.84	50.87	0.00	-10.73	-27.80
43	-30.72	27.41	62.15	49.91	1.60	-11.95	-26.63
44	-30.22	26.30	61.95	48.53	2.40	-13.68	-25.02
45	-29.16	25.46	61.58	47.60	5.01	-15.64	-20.34
46	-27.54	23.94	61.26	46.65	6.41	-18.52	-17.54
47	-27.12	23.33	61.26	45.08	7.30	-21.35	-15.09
48	-26.61	21.93	60.73	44.15	7.30	-23.97	-12.92
49	-26.04	21.23	60.62	42.40	7.30	-26.53	-10.74
50	-25.30	20.43	60.61	40.62	7.70	-29.77	-8.45
			-66.19	48.33	8.05	-33.92	-5.42

RECORDS=235	COMPONENT=E-W	SIGNAL=BR.ACC.	CURVECTION=ARC.ERR.	STATION=ADMORI-S						
DATE AND TIME=1968, 5, 16, 9.49	SAMPLING INTERVAL= 0.040(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=3880							
NO.	( 6550)	( 6650)	( 6700)	( 6750)	( 6800)	( 6850)	( 6900)	( 6950)		
1	12.90	21.09	10.87	15.64	57.46	27.75	4.60	7.99	-69.94	22.40
2	12.92	21.93	9.77	-12.61	57.69	27.57	4.30	7.19	-70.77	22.96
3	16.24	22.26	8.59	-10.04	57.90	27.07	4.10	6.39	-71.77	23.90
4	16.30	22.79	7.87	-7.00	57.99	26.59	3.60	5.49	-72.51	23.85
5	16.33	22.67	5.70	-7.14	58.45	26.24	3.20	4.60	-73.26	23.46
6	16.98	22.56	5.10	-1.40	59.23	25.86	2.70	3.60	-72.80	23.15
7	19.81	21.96	4.59	-1.20	59.94	25.58	2.30	1.90	-71.84	22.76
8	21.33	21.56	4.80	0.00	40.65	25.02	2.00	1.90	-69.54	22.37
9	21.56	21.16	1.40	0.00	41.32	24.18	2.40	2.40	-67.83	22.08
10	24.07	20.80	0.10	1.80	41.81	21.70	2.60	2.60	-65.26	21.90
11	25.87	20.62	-0.00	3.40	42.19	20.45	2.80	2.40	-63.37	21.90
12	28.14	18.75	-1.90	4.60	42.77	19.86	2.50	1.90	-61.41	21.90
13	29.47	18.16	-3.40	5.72	43.40	19.59	2.00	0.80	-58.79	21.90
14	30.38	17.51	-4.70	8.52	43.99	19.29	1.70	0.	-55.38	21.85
15	31.12	16.18	-5.40	9.82	44.87	19.20	1.30	0.	-51.71	21.94
16	31.22	15.77	-5.90	10.71	45.77	19.20	1.10	0.00	-48.03	20.70
17	31.82	15.26	-6.00	11.11	46.42	19.15	1.90	-0.40	-43.56	19.66
18	33.77	14.50	-5.80	11.44	47.53	18.55	2.20	-0.70	-37.57	19.22
19	34.10	14.47	-5.30	13.01	48.50	17.77	3.00	-1.10	-30.59	19.53
20	34.50	13.88	-4.80	13.41	49.79	15.86	3.40	-1.40	-24.41	19.94
21	35.04	13.46	-5.20	13.61	51.01	15.17	5.00	-1.70	-19.94	20.40
22	35.75	12.48	-5.91	13.81	51.90	14.58	5.41	-2.20	-14.84	20.47
23	35.96	11.95	-6.61	14.02	53.04	14.19	7.11	-3.10	-11.63	21.22
24	36.27	11.17	-7.41	14.42	55.66	13.90	7.71	-4.60	-9.17	21.42
25	36.79	8.98	-8.22	14.92	53.70	13.77	8.20	-5.70	-7.37	21.62
26	37.09	7.68	-9.82	17.24	56.52	12.99	8.50	-6.31	-4.59	21.80
27	37.36	5.90	-10.64	16.43	52.80	12.59	8.81	-7.22	-2.00	21.80
28	37.41	5.50	-12.26	17.02	52.11	12.17	9.30	-9.22	0.00	21.80
29	37.14	5.30	-14.24	17.53	51.90	11.19	9.31	-10.20	4.71	21.80
30	36.94	4.80	-15.23	17.81	51.62	10.98	9.60	-10.18	6.21	22.05
31	36.66	4.40	-16.10	17.93	51.23	10.40	9.81	-10.55	7.32	24.42
32	36.27	4.00	-19.53	18.44	50.82	10.30	10.10	-14.76	8.82	26.00
33	36.12	3.80	-19.99	19.06	50.38	10.30	10.10	-16.04	9.94	26.83
34	35.87	3.60	-21.06	19.84	49.93	10.30	10.20	-18.51	11.76	28.31
35	35.50	3.00	-22.59	20.38	49.70	10.40	10.20	-20.23	13.77	29.49
36	34.52	3.60	-24.54	21.26	48.26	10.40	10.20	-23.80	15.61	30.50
37	35.43	3.90	-24.82	21.88	45.94	10.59	10.10	-24.79	17.80	31.51
38	33.25	4.40	-26.49	22.70	44.64	9.89	10.10	-27.21	19.26	32.57
39	29.90	5.00	-27.53	23.55	43.55	9.49	10.10	-30.85	19.90	33.60
40	29.29	5.81	-27.83	23.96	42.56	8.78	10.20	-33.50	19.96	34.00
41	28.55	6.51	-28.02	24.67	41.73	7.50	10.30	-38.06	20.65	34.53
42	28.23	7.25	-28.07	26.97	41.20	7.59	10.40	-40.54	21.29	35.36
43	27.41	11.55	-27.83	29.92	40.26	7.00	10.49	-43.65	22.10	35.91
44	27.07	10.02	-27.54	31.79	38.56	6.79	10.05	-46.12	22.21	36.84
45	25.40	10.90	-26.46	32.48	35.31	6.10	7.99	-49.34	23.15	38.66
46	24.82	11.03	-26.08	34.00	33.44	5.90	7.00	-52.29	23.50	39.30
47	24.37	12.30	-25.26	34.91	32.58	5.50	6.61	-58.02	23.55	39.63
48	20.80	12.39	-24.13	36.02	31.35	5.30	7.21	-60.24	23.85	40.60
49	20.82	12.17	-21.82	36.77	29.90	5.10	7.90	-62.75	23.24	41.94
50	20.91	11.53	-18.75	37.12	28.87	4.85	7.95	-67.61	22.80	42.45

RECORDS=235	COMPONENT=E-W	SIGNAL=UR,ACC.	CURREUCTION=ARC,ERR,	STATION=AOMORI=S				
DATE AND TIME=1968. 5.16. 9.49	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=13800					
NO.	( 7000)	( 7100)	( 7200)	( 7250)	( 7300)	( 7350)	( 7400)	( 7450)
1	45.02	41.69	-10.12	-36.27	21.32	29.90	15.40	13.90
2	45.87	41.96	-11.22	-32.20	21.50	29.90	15.26	13.92
3	45.05	41.71	-12.11	-27.12	21.57	29.86	12.58	13.41
4	46.27	41.36	-12.81	-21.86	22.22	29.66	11.90	14.60
5	46.98	41.12	-14.41	-17.86	22.43	29.43	11.89	14.62
6	47.64	40.80	-13.22	-15.66	22.74	29.01	11.60	15.14
7	48.30	40.55	-13.71	-15.14	23.11	28.72	11.56	15.93
8	49.11	40.03	-13.92	-13.80	23.23	29.32	10.29	16.54
9	49.81	39.77	-14.47	-11.31	23.52	29.47	9.96	17.22
10	50.16	39.20	-15.94	-7.95	23.68	29.88	8.00	17.53
11	51.31	38.60	-16.64	-6.99	23.67	30.26	7.68	17.90
12	53.12	37.98	-17.27	-1.60	23.66	30.48	6.10	18.02
13	54.24	36.24	-18.39	0.00	21.98	30.32	5.90	18.63
14	55.55	35.09	-19.77	3.92	21.69	30.17	5.80	18.83
15	56.51	34.32	-21.68	9.95	20.67	31.17	5.80	19.23
16	57.55	33.01	-22.45	12.25	20.36	32.27	5.10	19.58
17	58.56	29.72	-23.07	13.98	19.88	32.55	5.90	17.29
18	59.33	26.63	-24.54	16.12	19.72	32.75	6.10	18.66
19	59.81	25.44	-25.68	20.25	20.02	32.95	6.00	18.09
20	60.95	23.45	-27.13	24.25	21.33	30.22	5.80	17.87
21	61.77	20.40	-29.32	26.87	21.62	30.50	5.50	17.37
22	63.18	16.18	-31.61	27.87	21.87	30.97	5.48	16.96
23	63.83	14.15	-33.46	28.50	22.58	32.07	1.90	16.38
24	64.16	13.07	-35.55	28.94	22.82	31.47	1.00	15.98
25	64.56	12.26	-38.67	29.71	23.45	31.06	0.	15.55
26	64.42	10.98	-40.90	30.26	23.81	31.30	-0.00	14.55
27	65.40	10.17	-44.80	30.52	23.95	31.30	-1.30	13.58
28	65.87	8.98	-48.40	30.70	24.34	31.30	-1.70	12.97
29	66.27	7.59	-49.84	31.12	24.68	31.30	-2.10	12.06
30	66.97	6.39	-51.24	31.28	25.24	31.43	-2.60	10.78
31	67.68	4.69	-51.90	31.66	25.56	31.75	-3.90	10.00
32	67.12	3.00	-53.49	31.94	25.97	30.95	-2.60	10.24
33	68.63	1.70	-63.06	32.26	26.43	29.40	-5.19	11.90
34	69.15	1.00	-68.97	32.89	26.69	29.07	-3.50	11.90
35	64.04	0.10	-73.51	33.20	27.31	28.69	-1.60	11.91
36	69.13	-0.00	-75.00	33.65	27.97	28.69	-1.30	12.21
37	62.02	-0.80	-78.53	30.56	28.13	28.35	-1.30	12.60
38	60.40	-1.70	-84.67	29.34	28.39	27.80	-0.60	12.62
39	58.40	-2.30	-87.06	28.15	28.91	27.05	0.	13.12
40	55.20	-2.70	-90.97	27.58	29.55	25.55	0.00	13.71
41	53.60	-3.60	-91.90	25.54	30.42	24.37	1.60	13.95
42	50.22	-3.40	-90.55	23.27	30.48	23.31	4.91	15.22
43	48.60	-3.90	-89.03	22.93	30.32	22.93	7.30	15.62
44	46.87	-4.71	-89.43	22.40	29.63	22.35	7.93	15.90
45	44.91	-5.90	-84.38	22.34	27.33	22.35	9.92	15.93
46	43.75	-6.40	-77.92	21.76	27.33	21.79	10.81	16.55
47	43.28	-6.80	-71.70	21.36	27.50	20.69	11.21	17.34
48	42.30	-7.32	-62.20	20.96	27.06	19.47	9.53	17.92
49	41.11	-8.81	-55.78	20.62	28.57	17.97	11.04	18.26
50	41.34	-9.46	-49.82	20.98	29.29	16.44	12.71	18.93
							12.84	18.09
							13.37	17.67
							-15.63	27.83
							-13.57	27.38

NO.	STATION=AOMORI-S TOTAL NUMBER OF DATA=13800									
	( 7500)	( 7550)	( 7600)	( 7650)	( 7700)	( 7750)	( 7800)	( 7850)	( 7900)	( 7950)
1	26.85	15.51	14.23	7.80	28.30	37.56	-0.00	-49.07	17.38	22.91
2	25.56	13.85	13.92	8.10	28.92	38.95	-0.20	-46.17	17.08	23.95
3	25.66	12.77	14.32	8.10	29.57	41.09	-1.70	-42.88	16.78	25.48
4	25.01	11.98	14.82	8.20	29.90	43.05	-2.40	-39.91	16.37	26.49
5	25.01	11.17	15.23	8.40	29.88	45.03	-2.70	-37.27	15.88	28.07
6	25.09	10.08	15.82	8.42	29.72	46.88	-2.70	-35.65	15.57	30.58
7	24.92	9.22	16.14	9.81	29.22	47.84	-2.70	-33.50	15.07	32.53
8	24.40	5.09	16.95	10.50	28.25	49.78	-2.70	-29.50	14.38	36.62
9	24.34	4.10	17.73	10.51	27.36	51.68	-2.00	-28.14	13.88	38.79
10	24.92	3.30	18.26	10.91	26.60	52.73	-2.00	-25.58	13.40	40.12
11	24.09	1.90	18.09	11.41	26.62	53.78	-2.00	-23.40	13.40	41.73
12	23.99	0.10	20.32	11.61	26.68	54.91	-2.00	-21.48	13.40	44.36
13	23.90	1.40	21.71	12.11	26.60	55.90	-2.00	-17.41	13.40	47.87
14	23.90	1.90	22.80	12.53	26.60	55.70	-2.00	-14.59	13.50	49.56
15	23.90	2.40	23.71	13.32	26.60	55.90	-2.00	-12.23	13.49	50.87
16	23.94	3.60	24.98	13.95	26.52	55.80	-2.30	-9.95	13.19	50.85
17	24.24	4.10	26.36	15.04	26.13	55.90	-2.70	-7.56	12.80	51.95
18	24.58	4.40	27.91	15.82	26.31	55.90	-3.00	-4.68	12.79	53.44
19	25.18	4.50	31.39	16.25	26.46	55.12	-3.70	-1.10	12.48	54.42
20	25.80	4.50	32.35	17.00	26.88	54.20	-4.81	0.50	12.00	55.12
21	26.88	4.50	35.41	17.02	27.35	52.94	-5.91	3.00	12.00	56.14
22	29.56	4.50	38.40	17.50	27.85	51.24	-7.51	4.62	12.00	57.13
23	29.91	4.50	39.52	19.06	27.90	48.73	-8.42	8.34	12.10	57.97
24	30.66	4.80	39.35	19.85	27.90	44.86	-9.83	10.84	12.10	58.20
25	31.81	5.50	37.27	20.48	27.90	40.87	-11.24	12.40	12.10	58.20
26	32.68	5.50	38.05	21.36	27.80	37.52	-13.00	12.53	12.10	57.38
27	33.12	5.30	38.62	21.90	27.83	32.98	-18.49	13.46	12.10	55.50
28	33.02	4.70	39.10	21.95	27.60	29.01	-19.77	14.25	12.10	53.23
29	34.28	4.30	39.10	22.49	27.37	27.41	-20.68	15.30	12.11	48.20
30	35.26	4.30	39.10	23.25	27.40	25.70	-22.96	15.32	12.10	42.97
31	35.78	4.40	38.97	23.65	27.48	24.67	-26.86	15.72	12.80	40.16
32	35.97	4.30	38.70	24.07	27.97	23.61	-29.35	16.06	12.80	35.79
33	35.93	4.40	38.48	24.69	28.39	21.91	-34.43	17.07	12.30	30.27
34	35.97	4.80	37.43	25.37	28.89	22.00	-36.50	18.26	12.20	29.05
35	35.85	5.70	35.59	25.83	29.30	22.00	-40.99	19.14	12.21	27.61
36	35.57	6.10	34.00	26.06	29.30	22.00	-46.80	19.62	12.51	25.66
37	34.86	6.50	32.82	26.52	29.30	21.98	-49.17	19.90	12.81	22.52
38	33.75	6.70	30.55	27.31	29.30	21.74	-51.19	19.89	13.11	22.25
39	33.09	7.21	27.36	28.03	29.34	21.08	-54.76	19.80	13.30	21.68
40	32.29	7.70	23.06	28.80	29.73	19.73	-57.32	19.79	13.42	20.56
41	31.90	7.90	19.60	28.80	29.57	17.77	-59.14	19.68	13.82	20.15
42	31.75	7.91	13.61	28.80	29.98	15.73	-60.78	19.40	14.41	19.53
43	30.93	8.31	12.10	28.80	30.40	11.26	-62.17	19.41	14.73	18.73
44	29.66	9.12	8.84	28.80	30.96	9.86	-63.25	19.50	15.34	17.81
45	28.24	10.52	5.58	28.73	31.77	7.76	-63.83	19.47	16.04	16.52
46	26.19	11.22	2.40	28.50	32.54	4.99	-63.39	19.06	16.77	15.04
47	24.13	11.91	1.00	28.91	33.21	3.40	-61.91	18.59	17.98	13.76
48	22.00	12.21	2.40	28.40	34.12	1.90	-59.63	18.40	19.09	10.26
49	20.08	12.50	3.91	27.90	35.12	0.20	-55.57	18.36	20.32	8.47
50	17.79	12.86	5.87	28.08	36.04	0.25	-52.12	17.87	21.63	7.34

NO.	( 8000 )	COMPONENT=E-W	( 8100 )	SIGNAL=SR,ACU.	CURTENTION=ARC,ERR.	( 8300 )	STATION=ADMORL-TS	( 8400 )	( 8450 )
		DATE AND TIME=(968, 5.16, 9.49	( 8100 )	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301		TOTAL NUMBER OF DATA=13800		
1	0.20	-63.90	24.63	35.75	-1.60	40.20	-37.64	34.67	
2	2.70	-62.60	12.22	35.93	-2.10	40.34	-13.07	34.18	
3	2.10	-60.97	12.62	36.00	-2.60	40.60	-39.36	33.56	
4	4.40	-60.06	12.92	35.97	-3.00	40.80	-40.21	32.64	
5	3.90	-58.30	16.33	35.74	-3.70	40.60	-41.09	32.01	
6	3.30	-58.59	15.82	35.61	-3.90	40.60	-41.79	31.55	
7	2.60	-57.62	17.13	34.67	-3.90	40.60	-42.10	30.88	
8	2.20	-56.62	17.50	34.23	-3.90	40.60	-42.06	30.28	
9	2.90	-55.83	17.50	33.83	-3.90	40.70	-41.92	29.57	
10	4.50	-54.71	17.50	33.12	-3.70	40.16	-41.58	28.84	
11	4.00	-53.35	17.50	32.13	-3.40	39.87	-41.02	28.07	
12	1.00	-51.61	17.49	31.75	-3.40	39.57	-40.49	27.82	
13	0.50	-49.70	17.40	31.04	-3.10	38.84	-39.83	27.27	
14	0.20	-48.16	17.45	30.30	-2.80	38.08	-38.48	26.50	
15	-0.00	-47.12	17.60	29.73	-2.60	37.16	-36.47	25.74	
16	-0.20	-45.85	17.80	28.88	-2.20	35.51	-35.63	24.66	
17	-0.70	-43.97	17.80	28.20	-1.80	33.51	-34.52	23.63	
18	-1.40	-41.10	17.82	27.52	-0.70	30.99	-33.05	22.99	
19	-2.20	-37.38	18.14	26.66	0.40	29.09	-31.29	22.06	
20	-5.00	-34.97	18.74	25.67	1.00	27.55	-28.55	21.66	
21	-4.10	-32.32	19.34	24.16	1.90	26.57	-26.21	21.25	
22	-5.11	-29.22	19.82	22.99	3.11	24.99	-24.82	20.75	
23	-6.00	-24.13	20.05	21.21	5.71	22.76	-22.93	20.26	
24	-6.41	-22.05	20.64	20.33	6.62	20.72	-22.28	19.84	
25	-7.21	-20.73	21.06	19.99	8.63	19.82	-21.25	19.14	
26	-8.02	-19.87	21.64	18.13	10.55	18.92	-20.51	18.36	
27	-9.75	-18.39	22.04	17.41	12.84	17.85	-19.53	18.72	
28	-12.19	-16.71	22.46	16.03	14.05	17.16	-18.65	17.24	
29	-12.03	-12.07	23.07	15.03	15.25	16.47	-17.97	16.57	
30	-17.78	-11.17	23.66	13.53	16.27	15.88	-17.56	16.37	
31	-20.29	-9.88	24.19	11.87	17.54	15.48	-16.96	15.78	
32	-21.82	-8.98	24.88	10.97	19.70	15.08	-16.28	15.48	
33	-27.69	-7.68	25.47	9.89	22.16	14.58	-15.90	15.07	
34	-30.13	-6.38	26.00	9.20	24.54	14.19	-15.90	14.49	
35	-32.42	-3.69	26.69	9.19	25.73	13.89	-15.90	14.30	
36	-35.64	-1.90	27.00	8.49	27.19	13.58	-15.90	14.20	
37	-40.26	-0.40	27.88	7.89	27.88	13.06	-15.90	14.19	
38	-43.26	0.30	28.46	7.49	29.00	11.98	-15.89	13.89	
39	-45.01	1.00	29.38	6.80	30.29	11.47	-15.70	13.58	
40	-48.38	2.00	30.42	6.50	32.42	10.54	-15.72	13.18	
41	-50.68	3.60	31.43	5.80	34.56	9.99	-16.02	12.60	
42	-50.58	5.60	32.10	5.40	35.82	9.69	-16.40	12.70	
43	-52.14	6.51	32.92	5.00	36.75	9.29	-16.39	12.80	
44	-54.60	6.71	33.40	5.00	37.72	8.79	-16.20	12.70	
45	-60.52	6.04	33.00	4.50	38.12	8.09	-16.19	12.72	
46	-67.08	10.81	34.10	3.90	38.59	7.59	-16.08	13.21	
47	-67.10	11.42	34.20	3.40	39.13	6.99	-15.67	13.52	
48	-66.72	12.14	34.58	2.80	39.53	6.19	-15.08	13.90	
49	-66.42	13.43	34.93	0.20	39.83	5.20	-14.68	13.90	
50	-65.93	14.03	35.37	-0.70	40.07	4.70	-14.18	13.90	

NO.	( 8500 )	( 8550 )	( 8600 )	( 8650 )	( 8700 )	( 8750 )	( 8800 )	( 8850 )	( 8900 )	( 8950 )
1	15.90	12.19	-72.89	23.70	57.87	7.84	0.	-2.70	2.30	2.20
2	15.50	11.78	-73.50	24.54	57.65	7.40	0.	-3.10	2.60	1.90
3	15.90	11.07	-73.52	25.60	57.12	6.99	0.00	-3.30	2.80	1.40
4	15.90	9.87	-75.32	26.30	56.59	6.40	0.30	-3.50	3.40	0.80
5	15.90	8.59	-71.83	26.96	56.19	5.90	0.40	-3.60	3.60	0.40
6	15.91	7.99	-70.91	27.40	55.85	5.70	0.50	-3.70	3.90	0.
7	15.21	7.09	-69.62	27.95	55.25	5.20	0.60	-3.90	4.10	0.
8	14.51	6.09	-67.56	28.27	55.29	4.80	1.10	-4.00	4.40	0.
9	14.80	5.19	-60.65	28.74	50.84	4.20	1.30	-4.20	4.80	-0.00
10	14.82	4.00	-57.33	29.46	29.78	3.90	1.50	-4.30	5.20	-0.10
11	15.22	3.20	-51.41	29.76	27.92	3.80	1.90	-4.50	5.60	-0.30
12	15.63	2.00	-46.17	30.06	27.26	3.40	1.90	-4.80	5.80	-0.70
13	15.15	1.20	-41.12	30.38	25.87	2.60	2.00	-5.00	6.10	-0.70
14	17.01	0.30	-34.44	30.82	25.03	2.20	2.10	-5.10	6.30	-1.00
15	17.23	-0.30	-32.38	31.45	24.55	1.90	2.30	-5.20	6.20	-1.00
16	17.63	-1.30	-28.73	32.22	24.18	1.80	2.40	-5.50	5.90	-0.70
17	18.01	-2.00	-23.14	33.33	23.99	0.80	2.00	-5.70	5.60	-0.40
18	18.10	-2.70	-21.75	34.79	23.67	0.50	2.00	-5.70	5.30	0.
19	18.10	-3.70	-20.23	36.09	21.99	0.	2.00	-5.90	4.80	-0.00
20	18.13	-4.51	-18.66	36.98	21.87	-0.00	2.10	-5.90	4.40	-0.30
21	18.50	-6.81	-16.44	38.15	21.50	-0.00	2.20	-6.10	4.00	-0.20
22	18.50	-7.60	-13.75	38.86	20.56	-0.70	1.80	-6.30	4.30	0.
23	18.50	-8.01	-10.07	39.33	20.17	-1.20	1.30	-6.70	4.80	0.
24	18.47	-8.75	-8.47	39.70	19.88	-1.80	1.00	-7.00	5.30	0.
25	18.09	-11.54	-6.68	40.14	19.69	-1.90	0.50	-7.30	5.60	0.
26	17.90	-12.93	-4.49	40.74	19.58	-2.00	0.20	-7.40	5.20	0.
27	17.88	-13.78	-2.40	41.14	19.24	-2.40	0.00	-7.70	4.80	0.
28	17.57	-15.81	0.00	41.58	18.47	-2.50	-0.10	-7.49	4.40	0.
29	17.20	-17.77	2.20	41.94	18.09	-2.70	0.60	-6.99	3.70	0.00
30	17.20	-18.89	5.50	42.15	17.89	-2.90	-1.00	-6.50	3.90	0.20
31	17.20	-20.24	9.11	42.55	17.77	-3.00	-1.50	-6.00	3.90	0.20
32	17.20	-23.33	17.25	42.96	17.37	-3.50	-1.60	-5.50	4.20	0.40
33	17.20	-28.25	11.42	43.04	16.98	-3.60	-1.70	-5.09	4.30	0.40
34	17.19	-29.24	12.24	42.64	16.58	-3.70	-1.70	-4.40	4.40	0.60
35	17.08	-31.04	15.43	42.25	16.18	-3.90	-1.70	-3.50	4.40	0.90
36	16.78	-34.20	14.32	41.85	15.80	-4.00	-1.50	-3.10	4.40	1.40
37	16.39	-36.40	14.70	41.45	15.38	-4.20	-1.00	-2.20	4.40	1.70
38	16.20	-40.40	14.73	41.13	13.58	-4.40	0.60	-1.70	4.50	1.90
39	16.18	-42.59	15.32	40.79	13.06	-3.70	1.00	-1.20	4.80	2.10
40	15.87	-44.59	12.63	40.33	11.88	-3.00	-1.90	-0.60	4.80	2.50
41	15.37	-45.89	10.15	40.10	11.89	-3.00	-2.50	0.10	5.20	2.90
42	14.78	-49.43	17.05	39.93	10.98	-3.10	-2.60	0.00	5.80	3.10
43	14.29	-53.19	17.83	39.77	10.39	-2.80	-2.60	0.30	5.90	3.40
44	13.98	-55.20	18.37	39.60	10.00	-2.40	-3.10	0.80	5.30	3.80
45	13.49	-56.65	19.34	39.33	9.80	-2.40	-3.70	0.70	4.80	4.00
46	13.29	-58.08	19.84	39.07	9.69	-2.00	-3.20	1.20	4.40	4.30
47	12.99	-63.49	20.37	38.74	9.29	-1.70	-2.60	1.40	4.00	4.70
48	12.68	-67.84	21.20	38.51	8.99	-1.50	-2.10	1.70	3.60	5.20
49	12.20	-70.10	22.16	38.24	8.49	-1.00	-1.80	1.90	3.40	5.70
50	12.20	-72.18	22.93	38.04	8.20	-0.50	-2.25	2.10	2.80	6.25

RECORD=S-235 COMPONENT=E=M SIGNAL=GR,ACC. CURVECTION=ARC,ERR. STATION=AOMORI-S  
 DATE AND TIME=1966. 5.16. 9.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=13800

NO.	( 9000 )	( 9050 )	( 9100 )	( 9150 )	( 9200 )	( 9250 )	( 9300 )	( 9350 )	( 9400 )	( 9450 )
1	6.82	28.35	-4.50	-25.59	13.85	10.11	41.99	-13.95	-6.50	17.18
2	8.54	28.67	-5.41	-25.46	14.64	10.61	41.51	-15.04	-6.10	16.92
3	11.30	29.04	-6.41	-25.18	15.54	11.21	40.75	-15.94	-5.70	17.19
4	11.42	29.27	-7.60	-25.00	16.41	11.41	39.53	-16.65	-5.40	17.10
5	12.62	29.69	-7.91	-22.97	18.28	11.81	37.85	-17.15	-4.80	17.19
6	12.62	30.22	-8.31	-22.66	19.36	12.21	37.09	-17.95	-4.40	17.10
7	13.21	30.84	-9.02	-22.26	20.16	12.42	35.61	-18.66	-4.10	17.10
8	13.62	31.61	-9.91	-21.89	21.87	13.01	32.44	-19.43	-3.90	17.89
9	14.02	32.74	-10.52	-21.78	22.57	13.21	25.157	-19.77	-3.50	16.90
10	14.52	34.00	-11.42	-21.55	23.25	13.40	22.05	-19.35	-2.90	16.90
11	15.02	34.50	-12.23	-21.07	24.33	13.20	19.82	-18.77	-2.50	16.91
12	15.43	35.29	-13.23	-20.78	25.31	13.48	18.94	-18.36	-2.20	17.09
13	15.91	35.91	-14.13	-20.56	26.06	12.98	18.10	-17.88	-1.80	16.88
14	16.12	36.46	-14.83	-20.17	26.40	12.89	16.69	-17.55	-1.40	16.59
15	16.42	37.19	-15.43	-19.88	26.88	11.98	14.92	-16.76	-0.70	16.38
16	16.84	37.52	-15.93	-19.68	27.40	11.20	13.31	-16.06	-0.30	16.08
17	17.42	37.71	-16.46	-19.48	27.97	11.49	10.92	-15.33	0.00	15.67
18	17.71	37.44	-17.43	-19.18	28.22	11.11	7.99	-14.07	0.60	15.18
19	17.93	37.24	-17.94	-18.98	27.75	11.51	7.40	-13.35	1.10	14.78
20	18.52	36.93	-18.55	-18.67	27.29	11.91	7.20	-12.19	1.50	14.28
21	18.66	36.39	-19.25	-18.27	26.65	12.21	6.79	-11.88	1.50	13.88
22	19.44	36.02	-19.83	-17.89	26.34	12.40	6.10	-11.38	1.90	13.29
23	19.93	35.43	-20.15	-17.77	25.94	12.32	6.00	-10.69	3.00	12.97
24	20.24	34.10	-20.77	-17.36	25.53	13.01	5.40	-10.19	3.40	12.47
25	20.75	33.06	-21.55	-16.78	25.03	13.42	5.10	-9.69	3.90	11.17
26	21.25	31.64	-22.07	-16.38	24.55	13.82	4.40	-9.39	4.30	10.69
27	21.74	28.02	-22.78	-15.98	24.11	14.33	4.00	-8.69	5.00	9.58
28	22.14	27.38	-23.44	-15.67	23.44	15.02	3.40	-8.29	5.81	8.68
29	22.55	25.62	-23.68	-15.07	22.88	15.52	2.80	-7.89	7.21	7.99
30	23.03	22.05	-23.44	-14.37	21.83	15.92	2.80	-7.50	7.81	7.59
31	23.36	20.98	-22.96	-13.72	21.06	16.34	2.30	-7.09	8.32	6.70
32	23.89	14.95	-22.58	-11.85	19.63	17.04	0.	-6.40	9.42	6.20
33	24.53	13.85	-22.44	-10.09	18.71	17.72	-0.00	-6.20	10.41	5.90
34	24.81	12.50	-22.86	-9.68	17.52	18.06	-0.40	-5.90	10.92	5.80
35	25.46	9.56	-23.33	-8.69	16.37	18.67	-0.80	-5.70	11.61	5.80
36	25.12	7.78	-23.59	-7.76	15.87	19.79	-1.30	-5.50	11.91	6.00
37	24.55	6.09	-23.46	-4.70	15.36	20.96	-1.60	-5.30	12.32	6.20
38	24.16	5.29	-23.15	-3.70	14.57	22.73	-1.70	-5.70	13.01	6.20
39	23.84	4.30	-22.77	-2.50	13.88	24.72	-1.90	-6.30	13.42	6.60
40	23.44	3.60	-22.53	-1.90	13.07	25.57	-2.30	-6.71	13.92	7.10
41	23.76	2.70	-22.87	0.00	12.58	26.69	-2.70	-7.41	14.43	7.50
42	24.25	2.00	-23.46	0.30	11.88	31.03	-3.40	-7.91	15.01	7.31
43	24.69	1.30	-23.89	1.60	11.39	33.58	-3.90	-8.40	15.33	7.80
44	25.38	0.10	-23.79	2.30	10.98	35.37	-4.20	-8.71	15.82	8.00
45	25.93	-0.30	-23.68	3.00	10.69	36.95	-4.71	-9.59	16.12	8.30
46	26.16	-1.10	-23.46	4.81	10.40	39.47	-5.81	-9.09	16.40	8.50
47	26.55	-1.70	-23.15	5.91	9.90	40.68	-6.52	-8.49	16.40	8.60
48	26.89	-2.30	-22.79	6.81	9.80	41.57	-8.42	-7.99	16.43	8.90
49	27.46	-3.40	-22.77	7.96	9.61	42.55	-9.51	-7.59	16.89	9.41
50	27.92	-3.95	-23.20	10.93	9.85	42.13	-11.77	-7.04	17.06	9.61

RECORD#	S-235	COMPONENT	E-W	SIGNAL	GR	ACC	CORRECTION	ARC	ERR	STATION	AOMORI-S
DATE	AND	TIME	1968.	5.16.	9.49	SAMPLING	INTERVAL	= 0.010	(SEC)	FORMAT	NO. F301
NO.	( 9500)	( 9550)	( 9600)	( 9650)	( 9700)	( 9750)	( 9800)	( 9850)	( 9900)	( 9950)	TOTAL NUMBER OF DATA=13800
1	10.10	5.90	22.10	15.90	20.90	-23.46	-1.70	12.50	42.10	13.19	
2	9.91	5.60	21.01	15.91	18.95	-24.11	-1.10	12.50	42.10	12.97	
3	10.40	5.20	19.11	14.11	18.27	-25.90	-0.70	12.50	42.14	12.29	
4	10.50	4.80	18.01	14.32	17.83	-28.12	0.10	12.50	42.20	11.99	
5	10.60	4.50	16.69	14.71	16.73	-30.54	1.30	12.51	42.09	11.59	
6	10.60	4.50	14.96	15.02	15.44	-32.14	2.20	12.91	41.42	11.08	
7	10.60	4.80	14.06	15.42	14.64	-33.68	3.60	13.23	40.36	10.49	
8	10.60	4.70	13.17	15.80	13.27	-35.99	3.90	14.11	39.67	9.89	
9	10.60	5.00	12.37	15.83	9.82	-38.12	4.00	14.42	39.04	9.48	
10	10.70	5.10	11.38	16.43	6.09	-42.71	5.00	14.82	38.57	8.69	
11	10.60	5.40	10.68	17.04	4.79	-45.49	5.91	15.34	38.14	8.19	
12	10.60	5.30	9.89	17.82	2.40	-48.45	6.61	16.33	37.68	7.49	
13	10.70	5.60	9.40	19.52	1.90	-50.25	7.51	16.72	37.16	6.29	
14	10.70	5.90	9.40	19.76	0.60	-57.14	8.11	17.11	36.49	5.49	
15	10.70	6.20	9.50	20.44	-1.10	-59.63	8.61	17.31	36.12	4.40	
16	10.50	6.50	9.50	20.98	-1.70	-60.99	9.20	17.45	35.82	3.60	
17	10.50	6.50	9.50	21.77	-2.10	-66.72	9.21	17.96	35.33	3.10	
18	10.40	6.50	9.71	22.44	-2.80	-69.97	9.50	18.74	34.42	2.50	
19	10.50	6.91	10.01	22.88	-3.40	-71.56	9.51	19.34	33.75	2.00	
20	10.50	7.91	10.50	23.55	-3.90	-72.38	9.80	19.84	32.98	1.50	
21	10.50	8.61	10.60	23.97	-4.10	-74.77	9.90	20.48	31.71	1.00	
22	10.49	9.11	10.82	24.58	-4.50	-76.06	9.90	22.42	30.78	0.20	
23	10.19	9.41	11.51	25.21	-4.50	-76.57	9.90	23.45	29.75	-0.00	
24	9.80	9.93	11.91	26.00	-5.10	-76.45	9.91	23.84	28.89	-0.10	
25	9.90	11.43	12.21	26.77	-5.40	-76.20	10.29	24.19	27.75	-0.60	
26	9.90	12.33	12.51	27.83	-5.90	-75.83	9.91	24.92	26.83	-1.30	
27	9.90	13.36	12.71	28.68	-6.20	-75.33	10.31	25.83	25.74	-1.80	
28	9.90	14.89	13.00	29.65	-6.61	-74.08	10.60	26.72	24.68	-1.90	
29	9.90	16.78	13.00	30.44	-7.20	-72.68	10.61	27.50	23.83	-2.00	
30	9.90	18.15	13.01	31.10	-7.60	-70.35	11.01	28.08	23.27	-2.00	
31	9.90	20.38	13.41	31.59	-7.91	-67.85	11.21	28.64	22.92	-2.00	
32	9.91	22.38	13.60	32.03	-8.51	-63.32	11.51	29.45	22.26	-2.00	
33	10.20	23.97	13.61	32.64	-9.01	-60.43	11.90	30.38	22.07	-2.00	
34	10.30	24.55	13.82	33.08	-9.70	-58.10	11.90	31.94	21.70	-2.00	
35	10.20	24.94	14.20	33.00	-9.91	-53.11	11.90	33.87	20.74	-2.00	
36	10.20	25.25	14.20	33.00	-10.41	-48.97	11.89	35.24	20.07	-2.10	
37	10.20	25.66	14.20	32.91	-11.01	-45.86	11.71	36.04	19.63	-1.90	
38	10.00	26.09	14.20	32.53	-11.52	-40.36	11.90	36.60	18.87	-1.80	
39	9.79	26.89	14.20	32.21	-12.24	-33.91	11.90	37.34	18.46	-1.50	
40	9.49	27.22	14.20	31.75	-13.32	-30.98	11.89	37.93	17.86	-1.20	
41	8.99	27.30	14.19	31.00	-13.95	-25.21	11.71	38.12	17.22	-0.70	
42	8.99	27.30	13.90	30.12	-15.04	-23.23	11.91	38.62	16.08	-0.20	
43	8.60	27.24	13.90	29.61	-15.93	-21.19	12.11	39.63	15.77	0.	
44	8.29	26.87	13.90	28.64	-16.58	-14.51	12.50	39.83	15.30	0.00	
45	7.89	26.59	13.90	27.75	-17.96	-12.27	12.40	39.90	15.29	0.10	
46	7.50	25.93	13.90	26.82	-18.85	-11.75	12.50	40.11	14.97	0.40	
47	7.49	25.43	13.90	25.66	-19.46	-10.18	12.40	40.78	14.38	1.00	
48	6.80	24.93	13.90	24.62	-20.20	-9.04	12.40	41.52	13.89	1.00	
49	6.00	24.36	13.80	23.27	-21.29	-5.49	12.49	41.90	13.68	1.60	
50	6.25	23.22	13.85	22.13	-22.42	-3.19	12.50	42.04	13.44	2.35	

NO.	(10000)	(10050)	(10100)	(10150)	(10200)	(10250)	(10300)	(10350)	(10400)	(10450)
1	6.10	5.40	6.00	5.40	17.40	7.70	10.79	1.00	-22.49	15.90
2	5.20	5.80	5.90	5.80	17.88	7.70	10.29	1.00	-23.23	15.90
3	5.30	5.30	6.00	6.00	17.06	7.70	9.99	4.10	-23.55	15.90
4	5.30	5.30	6.00	6.00	16.40	7.70	9.70	1.00	-23.89	15.90
5	4.20	4.80	6.00	7.31	16.38	7.70	9.70	0.70	-23.81	15.93
6	4.60	4.40	5.90	7.91	15.99	7.91	9.69	0.10	-23.90	16.42
7	5.10	4.00	5.80	8.71	15.90	8.41	9.20	-0.00	-23.85	16.82
8	5.60	3.70	5.40	9.31	15.90	9.01	9.19	-0.50	-23.44	17.11
9	5.91	3.70	4.80	9.72	15.90	9.51	8.80	-0.70	-22.96	17.21
10	7.30	3.70	4.40	10.51	15.88	9.91	8.80	-1.20	-22.53	17.41
11	7.60	3.70	5.90	11.00	15.46	10.41	8.59	-1.50	-21.99	17.61
12	7.90	3.80	6.90	11.00	14.78	11.01	8.20	-1.90	-21.86	17.70
13	8.10	3.70	6.70	11.02	14.40	11.41	7.89	-2.10	-21.37	17.71
14	8.10	3.70	5.10	11.61	14.49	11.92	7.40	-2.50	-20.14	17.81
15	8.20	3.50	2.80	11.90	14.20	12.42	7.09	-2.50	-19.38	17.91
16	8.20	3.70	2.40	11.91	14.60	13.01	6.50	-3.30	-17.82	18.13
17	8.20	3.70	2.00	12.22	14.60	13.43	6.00	-3.50	-15.22	18.55
18	8.20	3.50	1.80	12.72	14.20	14.13	5.70	-3.90	-13.54	19.20
19	8.20	3.40	1.10	13.21	14.20	14.73	5.10	-4.20	-12.09	19.22
20	8.20	3.00	0.80	13.61	14.20	15.33	4.50	-4.10	-11.65	19.40
21	7.90	6.00	0.80	13.90	14.19	15.81	3.90	-4.10	-9.86	19.40
22	7.90	6.10	0.60	13.92	13.99	16.02	3.50	-4.50	-8.07	19.40
23	7.90	3.10	0.40	14.42	13.78	16.61	2.80	-5.10	-5.88	19.43
24	7.90	3.10	0.40	14.83	13.59	16.93	2.80	-5.80	-3.69	19.81
25	7.90	2.80	0.40	15.42	13.20	17.00	2.10	-6.10	-1.30	19.90
26	7.90	3.00	0.40	15.82	13.19	17.00	1.50	-6.40	0.00	19.94
27	7.90	3.00	0.40	16.12	13.00	17.01	1.10	-6.60	1.00	20.40
28	7.90	3.20	0.40	16.49	13.00	17.20	0.50	-7.11	1.90	20.44
29	7.90	3.40	0.60	16.42	12.98	17.20	0.20	-7.70	2.40	20.80
30	7.90	3.70	0.60	16.82	12.50	17.20	0.20	-7.90	3.80	20.80
31	7.90	3.70	0.60	17.23	12.40	17.17	0.10	-8.21	4.81	20.80
32	7.60	3.50	0.60	17.71	12.50	16.78	0.10	-9.11	7.41	20.80
33	7.59	3.70	0.60	17.79	12.59	16.50	0.10	-9.51	8.01	20.85
34	7.10	3.70	0.70	17.71	12.10	16.51	0.10	-9.91	9.01	21.30
35	7.10	3.50	0.80	17.78	11.99	16.50	0.10	-10.53	9.61	21.82
36	7.10	3.90	0.70	17.91	11.59	15.98	0.10	-11.71	9.91	21.50
37	7.10	3.90	0.60	17.70	11.28	15.69	0.10	-12.13	10.51	21.54
38	7.00	3.90	1.10	17.71	10.69	15.37	0.00	-13.01	11.01	21.88
39	7.10	3.90	1.90	17.81	10.29	14.98	0.10	-13.23	11.51	21.71
40	7.00	3.90	2.00	17.92	9.99	14.47	0.10	-13.92	11.91	21.81
41	6.70	4.40	2.60	18.23	9.59	13.88	0.60	-14.56	12.11	21.92
42	6.80	5.00	2.70	18.61	8.98	13.59	0.60	-15.94	12.32	22.13
43	6.40	5.20	3.10	18.93	8.10	13.19	0.60	-16.74	12.61	22.44
44	6.00	5.20	3.40	19.18	7.89	12.79	1.10	-17.43	13.20	22.86
45	5.90	5.20	3.90	18.93	7.49	12.50	1.10	-17.96	13.32	23.30
46	5.40	4.90	3.80	18.38	6.80	12.39	1.10	-18.78	13.92	23.37
47	5.40	5.20	3.70	18.09	7.10	12.09	1.00	-19.88	14.31	23.89
48	5.40	5.60	3.90	17.89	7.10	11.89	1.10	-20.85	14.54	23.81
49	5.50	5.90	4.50	17.68	7.10	11.49	1.10	-21.85	15.43	23.94
50	5.45	5.95	4.95	17.54	7.40	11.14	1.05	-21.91	15.66	24.29

RECORD=S-235  
DATE AND TIME=1968. 5.16, 9.49  
COMPONENT=E-W  
SAMPLING INTERVAL= 0.010(SEC)  
CORRECTION=ARC,ERR,  
FORMAT NO.=301  
STATION=AOMORI-S  
TOTAL NUMBER OF DATA=13800

NO.	(10500)	(10550)	(10600)	(10650)	(10700)	(10750)	(10800)	(10850)	(10900)	(10950)
1	24.65	51.99	-0.60	-51.55	17.41	31.83	50.02	4.20	7.30	-6.00
2	25.05	51.35	-1.00	-62.81	17.61	32.55	49.04	4.40	7.30	-6.21
3	25.24	50.28	-1.50	-63.78	17.70	33.52	47.91	4.40	7.10	-7.21
4	25.53	49.69	-1.80	-64.70	17.70	34.50	46.88	4.40	7.10	-7.71
5	25.73	29.09	-2.20	-65.25	17.70	35.58	46.13	4.50	7.10	-8.71
6	25.94	28.57	-2.70	-65.50	17.70	36.09	45.19	4.40	7.30	-9.31
7	26.26	28.31	-3.40	-65.00	17.70	36.77	44.19	4.40	7.30	-9.61
8	26.63	27.72	-4.20	-64.50	17.70	37.58	43.11	4.50	7.60	-10.21
9	26.89	26.66	-4.20	-64.06	17.70	37.98	41.21	4.40	7.90	-10.81
10	27.46	25.81	-4.70	-63.28	17.70	38.66	39.50	4.40	7.90	-11.41
11	27.83	25.19	-5.20	-62.11	17.70	39.43	38.31	4.30	8.20	-11.82
12	28.10	24.42	-5.50	-61.26	17.71	40.21	37.42	4.30	8.20	-12.54
13	28.76	23.73	-5.80	-59.66	17.92	41.24	35.57	4.50	8.40	-13.74
14	29.57	22.44	-6.10	-54.44	18.21	42.42	33.11	4.50	8.40	-14.78
15	30.05	21.83	-6.71	-50.85	18.43	43.42	31.03	4.40	8.60	-16.58
16	30.95	21.10	-7.61	-48.16	18.82	44.45	28.95	4.10	8.60	-17.87
17	31.97	20.10	-8.41	-42.85	19.10	45.04	27.59	3.90	8.70	-18.87
18	32.51	18.89	-9.11	-35.51	19.10	46.81	26.29	3.90	9.00	-19.85
19	32.88	17.55	-9.81	-30.94	19.10	47.89	24.86	3.90	8.90	-21.38
20	33.60	16.75	-10.12	-25.16	19.10	48.15	23.02	4.00	8.70	-23.15
21	34.12	15.87	-10.83	-21.01	19.12	49.12	20.55	4.00	8.70	-24.33
22	35.01	15.35	-11.83	-14.50	19.32	50.07	17.86	4.00	8.70	-26.21
23	35.68	14.37	-12.95	-11.80	19.62	50.68	15.97	3.90	8.70	-28.24
24	36.04	13.78	-14.37	-5.17	19.81	51.22	13.42	3.90	8.40	-29.78
25	36.63	13.17	-16.10	0.80	19.93	51.69	13.82	4.30	8.50	-31.63
26	37.32	12.58	-17.88	1.10	20.23	52.19	11.93	4.60	8.50	-32.96
27	37.69	11.75	-19.10	3.50	20.53	52.40	9.75	5.30	8.29	-34.92
28	37.93	9.96	-20.46	5.43	20.84	52.82	7.49	5.90	7.89	-36.50
29	38.12	7.90	-22.18	10.64	21.24	53.59	6.79	6.51	7.49	-37.52
30	38.46	7.59	-23.11	12.36	21.63	54.21	5.70	7.20	6.90	-40.31
31	38.76	6.99	-25.25	13.14	21.94	54.85	5.20	7.50	6.50	-42.91
32	39.10	6.09	-28.82	14.35	22.53	55.43	4.50	7.91	6.19	-44.12
33	39.40	5.20	-29.80	15.53	22.63	55.80	4.00	8.41	5.50	-45.22
34	38.96	4.40	-31.69	16.13	22.96	56.24	4.00	9.00	4.80	-46.45
35	39.23	3.90	-32.91	16.60	23.42	56.40	3.90	9.21	3.90	-47.78
36	39.17	3.70	-34.94	16.60	23.60	56.40	3.90	9.51	3.30	-48.86
37	39.20	3.20	-35.21	16.60	23.64	56.40	3.90	9.90	2.70	-49.57
38	38.78	2.50	-37.92	16.61	23.94	56.40	3.50	10.10	1.50	-50.17
39	38.27	1.90	-40.82	16.81	24.28	56.40	3.30	10.21	0.80	-50.40
40	38.11	1.90	-43.13	16.99	24.68	56.40	3.40	10.13	0.20	-50.67
41	37.81	1.60	-45.05	16.80	25.47	56.13	3.40	10.13	-0.30	-50.67
42	37.48	1.60	-46.60	16.82	25.97	55.87	3.30	6.90	-1.20	-50.63
43	36.91	0.80	-48.40	17.11	26.54	55.54	3.60	7.00	-2.00	-50.08
44	36.06	1.00	-50.26	17.20	27.40	54.76	3.60	7.00	-2.60	-49.83
45	35.51	0.50	-53.11	17.20	28.00	54.09	3.80	7.10	-3.10	-48.25
46	34.82	0.60	-55.28	17.20	28.60	53.47	3.70	7.30	-3.80	-46.13
47	34.20	0.20	-57.02	17.20	29.19	52.78	3.90	7.30	-4.50	-47.01
48	33.80	0.	-58.78	17.20	29.71	52.15	4.10	7.30	-5.10	-44.50
49	33.43	-0.00	-59.73	17.20	30.36	51.62	4.10	7.30	-5.80	-41.48
50	32.64	-0.30	-60.36	17.31	31.10	51.61	4.15	7.30	-5.65	-39.66

RECORD=S-235  
DATE AND TIME=1968. 5.16. 9.49  
COMPONENT=E+M  
SAMPLING INTERVAL= 0.040(SEC)

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

STATION=ADMORIS  
TOTAL NUMBER OF DATA=16800

RECORD=S-235 DATE AND TIME=1968. 5.16. 9.49	COMPONENT=E-W	SIGNAL=GR.ACC.	CORRECTION=ARC.ERR. FORMAT NO.=301	STATION=AOMORI+S						
NO.	(11000)	(11050)	(11100)	(11150)	(11200)	(11250)	(11300)	(11350)	(11400)	(11450)
TOTAL NUMBER OF DATA=13800										
1	-67.30	1.50	8.00	28.71	14.33	-9.19	*10.81	-2.20	-0.30	-7.70
2	-35.56	1.20	8.21	60.16	12.64	-8.80	*11.11	-2.60	-0.70	-7.39
3	-32.26	1.00	8.80	61.06	10.78	-8.89	*11.51	-2.60	-1.10	-6.70
4	-23.87	1.00	9.91	61.20	9.88	-8.60	-11.81	-2.80	-1.40	-6.40
5	-23.87	1.00	9.21	61.77	9.08	-8.60	-12.01	-3.40	-1.40	-6.00
6	-20.36	1.20	9.90	62.40	7.89	-8.50	-12.32	-3.40	-1.40	-5.40
7	-15.71	1.20	13.01	63.18	7.18	-8.60	-12.81	-3.70	-1.70	-4.70
8	-15.88	1.40	10.71	63.82	5.09	-8.60	-13.10	-3.70	-1.80	-3.80
9	-11.08	1.40	13.21	64.61	4.00	-8.60	-13.10	-3.60	-1.90	-2.80
10	-10.35	1.70	11.51	64.97	3.70	-8.60	-13.20	-3.70	-2.10	-1.90
11	-8.34	1.90	11.91	65.56	3.20	-8.60	-13.20	-3.90	-2.30	-1.50
12	-4.69	2.00	14.21	65.40	1.80	-8.60	-13.19	-3.90	-2.70	-1.50
13	-5.39	2.00	12.52	65.40	0.90	-8.60	-13.00	-3.90	-3.10	-0.50
14	-1.30	2.00	10.23	65.40	0.10	-8.60	-12.99	-3.90	-3.50	0.00
15	-0.10	1.90	10.93	65.22	-0.20	-8.60	-12.69	-3.50	-3.80	0.40
16	0.20	1.90	14.65	64.73	-0.80	-8.60	-12.40	-3.50	-4.00	1.00
17	0.90	1.90	15.62	64.35	-1.50	-8.20	-12.29	-3.10	-4.00	1.60
18	1.40	1.90	18.04	63.95	-2.10	-7.90	-11.89	-2.70	-4.30	2.10
19	1.90	2.00	16.87	63.60	-2.70	-7.60	-11.59	-2.40	-4.50	2.60
20	2.20	1.90	17.94	62.29	-3.30	-7.10	-11.29	-2.30	-4.80	3.60
21	2.50	1.70	18.59	61.22	-3.80	-6.70	-10.79	-2.00	-5.20	4.10
22	2.50	1.70	19.76	59.42	-4.40	-6.40	-10.28	-1.80	-5.50	4.80
23	2.80	1.70	20.54	57.76	-5.50	-5.90	-9.58	-1.70	-5.70	5.60
24	2.80	1.70	22.14	56.48	-6.20	-6.80	-8.69	-1.50	-5.70	6.10
25	2.80	1.70	23.43	55.32	-6.70	-6.80	-7.89	-1.30	-6.10	6.61
26	2.80	1.70	24.48	54.09	-7.11	-6.80	-7.49	-1.10	-6.50	7.20
27	2.80	1.90	25.08	53.00	-7.70	-6.80	-6.79	-0.90	-6.71	7.50
28	2.80	2.00	25.71	51.25	-7.91	-6.80	-5.90	-0.70	-7.30	7.91
29	2.80	2.00	25.58	49.27	-8.30	-6.60	-5.29	-0.40	-7.60	8.60
30	2.80	2.20	27.71	47.86	-8.61	-6.70	-4.40	-0.10	-7.90	8.70
31	2.80	2.60	28.49	46.53	-9.01	-6.60	-3.90	0.	-8.30	8.80
32	2.80	3.00	29.68	45.68	-9.41	-6.70	-3.10	0.	-8.30	8.80
33	2.60	3.30	31.67	44.44	-9.70	-6.80	-2.40	0.	-8.50	9.10
34	2.80	3.50	34.92	42.93	-9.70	-6.70	-2.40	0.00	-8.70	9.50
35	2.40	3.90	38.35	41.13	-9.71	-6.90	-1.90	0.10	-8.70	9.50
36	2.40	4.20	37.36	39.89	-10.00	-7.20	-1.60	0.40	-8.60	9.60
37	2.40	4.60	38.45	38.53	-10.00	-7.40	-1.00	0.70	-8.60	9.70
38	2.10	4.90	39.50	36.70	-10.01	-7.70	-0.80	1.00	-8.60	9.70
39	2.00	4.90	40.93	34.61	-10.60	-7.90	-0.70	1.20	-8.60	9.70
40	2.10	5.20	42.27	32.49	-10.20	-7.90	-0.70	1.30	-8.71	9.80
41	2.10	5.50	43.86	30.70	-10.30	-7.90	-0.80	1.20	-9.20	9.90
42	2.10	5.50	45.60	28.89	-10.20	-7.90	-0.80	1.00	-9.10	10.00
43	2.10	5.90	47.07	27.58	-10.10	-8.11	-0.80	0.80	-9.00	10.11
44	2.10	5.80	48.71	25.73	-10.10	-8.11	-1.10	0.80	-9.00	10.11
45	2.10	6.10	50.23	24.58	-10.10	-8.81	-1.20	0.60	-9.10	10.50
46	2.10	6.10	51.16	21.83	-10.10	-9.21	-1.20	0.40	-9.10	10.50
47	1.90	6.40	52.24	18.53	-9.90	-9.51	-1.30	0.10	-9.10	10.70
48	1.70	6.91	53.43	17.65	-9.90	-9.91	-1.50	-0.10	-8.99	10.70
49	1.50	7.40	55.69	16.93	-9.79	-10.21	-1.90	-0.10	-8.49	10.70
50	1.50	7.70	57.60	15.63	-9.49	-10.51	-2.05	-0.20	-8.09	10.70

NO.	RECORDS-235									
	DATE AND TIME=1968. 5.16. 9.49		COMPONENT==E-W		SIGNAL=GR.ACC.		CORRECTION=ARC.ERR.		STATION=ADMORI*S	
	SAMPLING INTERVAL= 0.010(SEC)		FORMAT NO.=301		TOTAL NUMBER OF DATA=13800					
	(11900)	(11950)	(11900)	(11950)	(11700)	(11750)	(11800)	(11850)	(11900)	(11950)
1	10.70	20.23	51.17	9.18	-16.96	-34.57	8.40	20.54	42.26	3.90
2	10.80	20.55	51.41	8.08	-17.96	-31.68	8.50	21.98	42.12	3.60
3	10.80	21.07	51.50	6.69	-18.94	-25.48	8.50	22.72	41.92	3.20
4	10.80	21.74	51.73	5.79	-18.87	-22.97	8.50	22.94	41.73	3.30
5	10.80	22.13	51.96	4.50	-19.81	-18.59	8.50	23.37	41.53	2.90
6	11.01	22.46	52.00	3.90	-21.14	-15.79	8.70	23.95	41.33	2.20
7	11.21	23.09	52.06	6.90	-22.65	-15.85	9.00	24.36	41.13	1.80
8	11.51	23.84	52.04	2.50	-24.05	-12.76	9.00	24.84	40.89	1.80
9	11.71	24.15	52.00	2.00	-25.65	-9.00	9.00	25.15	40.70	1.80
10	11.90	24.56	51.94	1.40	-29.24	-8.88	9.00	25.58	40.52	1.80
11	12.01	25.05	51.73	1.10	-30.96	-8.64	9.20	26.20	40.13	1.80
12	12.31	25.47	51.83	0.30	-33.79	-8.69	9.40	26.89	39.93	1.80
13	12.51	25.99	50.91	-0.00	-35.01	-2.80	9.40	27.56	39.70	1.80
14	12.81	26.58	50.44	-0.10	-37.70	-1.40	9.40	28.47	39.37	1.80
15	13.20	27.21	50.09	0.40	-42.74	-0.10	9.40	28.91	39.00	1.80
16	13.20	28.37	49.48	-1.00	-44.76	0.60	9.40	29.51	38.64	1.90
17	13.21	28.81	48.60	-1.40	-47.63	1.20	9.40	30.19	38.18	2.10
18	13.40	29.39	47.66	-1.90	-52.30	2.40	9.40	31.14	37.72	2.10
19	13.40	29.88	46.83	-2.00	-56.91	3.80	9.40	31.83	37.04	2.10
20	13.40	30.44	46.04	-2.50	-62.07	4.81	9.40	32.50	36.18	2.10
21	13.52	31.51	45.21	-3.00	-67.56	6.10	9.30	33.59	35.39	2.10
22	13.71	32.10	44.66	-3.50	-71.88	6.61	9.51	34.96	34.57	2.10
23	13.90	32.99	43.38	-3.90	-72.88	7.41	9.80	35.56	33.73	2.50
24	14.00	33.94	42.07	-4.40	-76.38	8.01	9.91	36.17	33.01	2.80
25	14.01	35.21	40.77	-4.70	-81.93	8.40	10.21	36.80	32.20	3.00
26	14.21	35.91	39.73	-5.30	-83.58	8.40	10.51	37.45	31.19	3.40
27	14.40	36.37	38.91	-5.70	-85.19	8.40	10.81	37.86	29.85	3.70
28	14.50	36.98	38.02	-5.90	-86.25	8.40	11.21	38.31	28.83	4.00
29	14.62	37.55	36.96	-6.30	-87.20	8.40	11.41	39.16	26.95	4.10
30	15.01	38.18	35.39	-6.80	-87.50	8.40	11.71	39.60	25.94	4.40
31	15.23	39.06	33.71	-7.20	-87.25	8.20	11.90	39.80	24.82	4.70
32	15.81	39.87	32.57	-7.60	-86.86	8.10	12.00	39.87	23.36	4.70
33	15.90	40.61	31.57	-7.91	-86.29	8.00	12.00	40.10	21.33	5.00
34	15.92	41.29	30.48	-8.40	-85.23	7.89	12.01	40.40	19.58	5.00
35	16.22	42.26	29.32	-8.71	-83.57	7.30	12.21	40.67	18.10	5.30
36	16.50	43.52	27.97	-9.61	-82.15	7.00	12.52	40.91	16.72	5.80
37	16.52	44.09	27.13	-10.01	-80.04	7.00	13.20	41.21	15.33	5.80
38	16.81	44.89	25.11	-10.71	-76.74	7.40	13.30	41.51	14.05	5.90
39	17.02	45.76	23.43	-11.01	-74.82	7.40	13.41	41.85	12.76	6.10
40	17.32	46.76	21.14	-11.21	-72.10	7.40	13.61	42.14	11.57	6.10
41	17.61	47.59	22.22	-11.51	-69.55	7.40	13.91	42.20	10.37	6.50
42	17.81	47.95	21.40	-11.81	-65.49	7.40	14.22	42.20	9.19	6.50
43	17.92	48.40	20.67	-12.21	-62.21	7.40	14.72	42.20	8.69	6.50
44	18.22	48.96	18.92	-12.61	-59.41	7.40	15.24	42.20	7.99	6.80
45	18.51	49.30	17.80	-13.01	-54.23	7.80	16.03	42.20	7.49	6.80
46	18.73	49.61	16.33	-13.42	-50.46	8.10	16.54	42.24	6.60	6.80
47	19.12	49.80	15.04	-13.92	-48.02	8.10	17.28	42.30	6.39	7.10
48	19.42	49.96	13.72	-14.52	-43.60	8.40	18.54	42.30	5.60	7.20
49	19.72	50.37	11.86	-15.05	-38.48	8.40	19.05	42.30	5.10	7.20
50	19.97	50.80	10.52	-15.68	-36.57	8.40	19.76	42.30	4.50	7.20

NO.	(12000)	(12050)	(12100)	(12150)	(12200)	(12250)	(12300)	(12350)	(12400)	(12450)
1	7.20	8.11	-1.70	0.	11.60	4.60	14.70	17.50	2.10	8.40
2	7.50	8.50	-1.60	0.	11.60	4.60	14.71	17.48	1.90	8.10
3	7.80	8.71	-0.90	0.	11.60	4.60	15.01	17.17	1.60	8.10
4	7.20	8.11	-0.50	0.	11.60	4.50	15.21	16.77	1.60	8.00
5	7.30	8.51	-0.30	0.	11.60	4.70	15.40	16.28	1.80	7.90
6	7.30	8.80	-0.00	0.	11.60	4.60	15.42	15.89	1.00	7.90
7	7.20	9.91	-0.10	0.00	11.50	4.60	15.82	15.68	0.70	7.70
8	7.10	10.21	0.	0.10	11.50	4.70	16.21	15.38	0.40	7.40
9	6.80	10.51	0.	0.50	11.49	4.70	16.43	15.10	0.	7.09
10	6.60	11.01	0.00	0.50	11.30	4.80	16.93	14.98	0.00	6.60
11	6.30	11.51	0.30	0.60	11.30	4.80	17.40	14.58	-0.10	6.30
12	6.00	11.71	0.50	0.70	11.19	4.80	17.40	14.19	-0.10	5.90
13	5.80	11.92	0.50	1.00	10.99	4.80	17.40	13.88	-0.40	5.40
14	5.70	12.51	0.60	1.40	10.70	5.00	17.42	13.49	-0.50	4.90
15	5.40	12.80	0.60	1.80	10.60	5.10	17.71	13.19	-0.70	4.40
16	5.00	12.81	0.60	2.10	10.39	5.20	17.91	12.99	-1.00	3.90
17	4.40	13.10	0.60	2.50	10.10	5.30	18.13	12.59	-1.10	3.20
18	3.90	13.10	0.40	2.90	9.90	5.70	18.49	12.69	-1.30	2.70
19	3.60	13.11	0.40	3.30	9.90	5.60	18.41	12.09	-1.60	2.20
20	3.30	13.30	0.40	3.50	9.70	5.80	18.50	11.79	-1.90	1.60
21	3.00	13.30	0.70	4.00	9.49	5.90	18.50	11.29	-2.00	1.10
22	2.60	13.30	0.70	4.50	9.20	6.10	18.51	10.89	-2.40	0.40
23	2.00	13.30	0.70	4.50	8.99	6.60	18.72	10.39	-2.80	0.00
24	1.40	13.30	0.70	4.80	8.69	6.60	19.00	10.10	-3.20	0.70
25	1.00	13.30	0.70	5.20	8.20	6.70	19.00	9.89	-3.50	1.60
26	0.50	13.30	0.90	5.70	7.90	6.70	19.02	9.49	-3.70	2.50
27	0.20	13.29	0.90	6.10	7.60	7.00	19.22	9.09	-3.90	3.30
28	-0.00	13.09	0.90	6.10	7.30	7.30	19.42	8.60	-4.30	4.80
29	-0.70	12.80	0.90	6.30	6.90	7.60	19.70	8.29	-4.50	5.80
30	-1.30	12.69	0.90	6.50	6.70	7.80	19.70	7.90	-4.50	6.01
31	-1.90	12.40	0.80	6.50	6.30	7.91	19.70	7.69	-4.50	7.01
32	-2.70	12.29	0.70	6.91	5.90	8.61	19.70	6.99	-4.30	7.91
33	-3.30	12.09	0.60	7.40	5.50	9.01	19.70	6.40	-4.70	8.42
34	-3.70	11.89	0.50	7.80	5.00	9.31	19.70	6.00	-5.20	9.41
35	-4.00	11.68	0.50	8.01	5.00	9.61	19.71	5.70	-5.50	9.81
36	-4.70	11.99	0.50	8.40	5.00	9.91	19.80	5.40	-5.70	10.21
37	-5.20	10.69	0.50	8.80	4.70	10.41	19.80	5.00	-5.90	10.80
38	-5.70	10.17	0.50	8.60	4.30	10.81	19.78	4.70	-6.30	11.02
39	-6.10	8.99	0.50	9.11	4.30	11.41	19.60	4.40	-6.30	11.60
40	-6.60	8.69	0.20	9.51	4.30	11.80	19.60	4.40	-6.50	11.61
41	-6.90	8.29	0.	9.80	4.30	11.92	19.60	4.10	-6.90	11.91
42	-7.10	7.79	0.	10.00	4.30	12.42	19.58	3.80	-6.90	12.10
43	-7.10	6.99	0.	10.00	4.30	13.01	19.38	3.40	-7.20	12.10
44	-7.30	5.89	0.	10.21	4.30	13.61	19.09	3.10	-7.40	12.10
45	-7.50	4.80	0.00	10.61	4.30	13.61	18.99	3.00	-7.60	12.10
46	-7.90	4.30	0.20	11.01	4.40	13.80	18.88	3.30	-7.90	12.11
47	-7.90	3.80	0.20	11.20	4.50	13.90	18.60	3.30	-8.01	12.50
48	-7.70	3.00	0.	11.21	4.60	13.91	18.57	3.10	-8.40	12.60
49	-7.70	2.00	0.	11.41	4.50	14.22	18.19	2.70	-8.40	12.60
50	-7.90	1.85	0.	11.50	4.55	14.46	17.83	2.40	-8.40	12.55

RECORD=S-235  
DATE AND TIME=1968. 5.16. 9.49

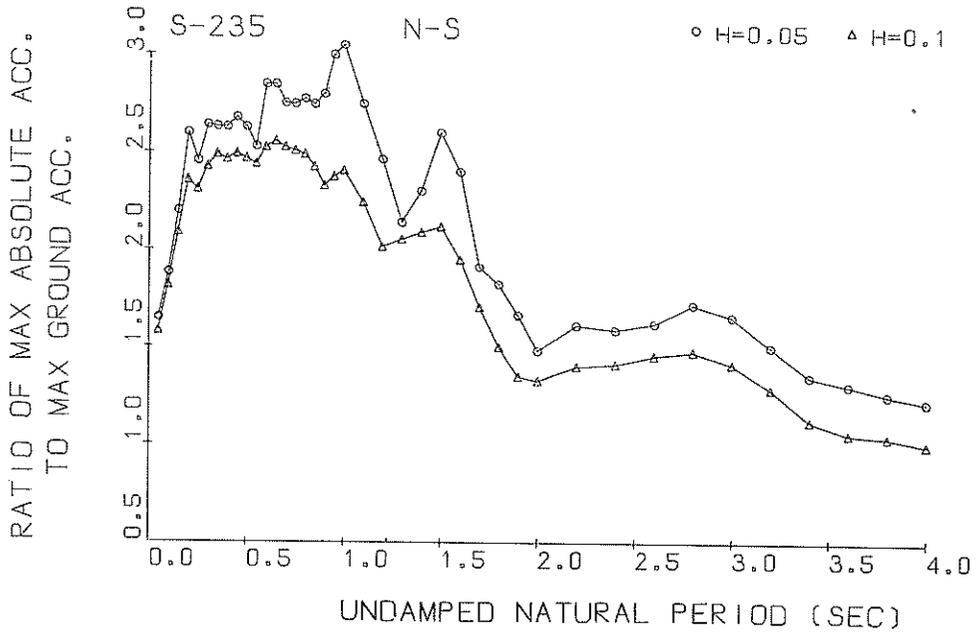
COMPONENT=E-W  
SIGNAL=HR.ACU.  
CORRECTION=ARC.ERR.  
FORMAT NO.=301

STATION=AOMORI-S  
TOTAL NUMBER OF DATA=13800

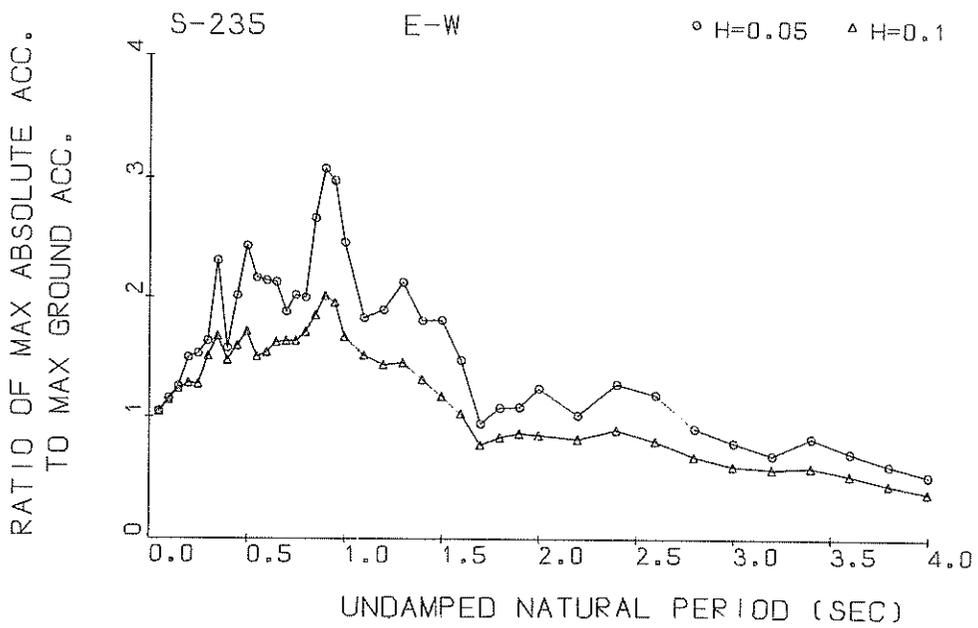
NO.	RECORD=S-235 DATE AND TIME=1968. 5.16. 9.49										STATION=ADMORI+S	
	(12500)	(12550)	(12600)	(12650)	(12700)	(12750)	(12800)	(12850)	(12900)	(12950)	TOTAL NUMBER OF DATA=13800	
1	12.50	1.40	4.50	18.80	14.78	3.00	5.10	-21.60	8.60	10.60		
2	12.39	1.30	5.00	18.80	14.28	3.40	4.70	-21.57	8.70	10.80		
3	12.09	0.80	5.70	18.78	13.78	3.80	4.50	-21.28	8.70	10.80		
4	11.90	0.40	6.41	18.59	13.38	3.90	3.70	-21.10	8.60	10.80		
5	11.79	-0.00	7.41	18.49	12.88	4.00	3.10	-21.10	8.70	10.80		
6	11.89	-0.10	7.92	18.40	12.38	4.40	2.50	-21.10	8.50	10.90		
7	11.09	-0.60	9.21	18.41	11.88	4.70	2.30	-21.04	8.40	10.90		
8	10.80	-1.10	9.51	18.51	11.38	5.10	1.70	-20.46	8.50	11.00		
9	10.70	-1.40	9.81	18.60	10.79	5.60	1.00	-20.07	8.50	11.10		
10	10.49	-1.60	10.11	18.61	10.18	6.00	0.10	-19.68	8.50	11.10		
11	10.10	-1.80	10.40	18.80	9.28	6.20	-0.00	-19.45	8.50	11.20		
12	9.89	-1.90	10.61	18.82	8.29	6.80	-0.40	-18.87	8.40	11.30		
13	9.59	-2.30	11.01	19.00	7.49	6.90	-0.40	-18.46	8.50	11.30		
14	9.20	-2.50	11.41	19.00	6.79	6.90	-0.40	-17.81	8.60	11.40		
15	8.99	-3.00	11.71	19.00	6.10	6.90	-0.70	-16.55	8.50	11.41		
16	8.70	-3.40	12.11	19.00	5.80	7.20	-1.00	-15.76	8.50	11.61		
17	8.40	-3.80	12.51	19.00	5.40	7.20	-1.40	-14.94	8.60	11.91		
18	8.20	-4.30	12.91	19.00	4.90	7.10	-1.90	-13.65	8.50	12.10		
19	7.90	-4.70	13.32	19.00	4.20	7.10	-2.30	-12.47	8.50	12.01		
20	7.60	-5.10	13.71	19.00	3.10	7.20	-2.90	-11.67	8.70	12.31		
21	7.30	-5.70	13.91	19.00	2.60	7.30	-3.70	-10.77	8.80	12.70		
22	7.00	-6.00	14.10	19.00	2.30	7.30	-4.00	-9.59	8.80	12.70		
23	7.00	-6.60	14.11	19.00	2.00	7.50	-5.20	-8.98	8.80	12.80		
24	6.80	-7.10	14.32	19.00	1.70	7.50	-5.70	-7.88	8.80	12.80		
25	6.60	-7.50	14.71	19.00	1.80	7.90	-6.41	-6.68	8.80	12.81		
26	6.30	-7.70	15.02	19.01	1.70	7.10	-7.30	-4.49	8.80	13.00		
27	6.00	-7.90	15.41	19.10	1.70	7.10	-7.71	-2.40	8.80	13.00		
28	5.90	-8.00	15.62	19.08	1.70	6.90	-8.72	-0.20	8.80	13.01		
29	5.70	-8.10	15.91	18.80	1.70	6.80	-9.71	0.00	8.80	13.41		
30	5.70	-8.00	16.12	18.82	1.70	6.90	-10.43	1.10	8.80	13.71		
31	5.70	-8.00	16.50	19.00	1.60	6.90	-11.74	1.80	8.80	13.90		
32	5.40	-8.10	16.52	19.00	1.60	6.90	-13.02	2.60	8.80	13.90		
33	5.10	-7.90	16.82	19.00	1.50	6.60	-13.62	3.50	9.11	13.90		
34	4.90	-7.90	17.22	19.00	1.40	6.60	-14.13	4.80	9.21	13.90		
35	4.70	-7.69	17.53	19.00	1.30	6.70	-14.84	5.61	9.80	13.91		
36	4.40	-7.09	17.91	19.00	1.30	6.60	-15.73	6.60	10.01	14.12		
37	4.20	-6.50	18.00	18.98	1.30	6.60	-16.37	7.11	10.30	14.61		
38	4.20	-6.09	18.00	18.69	1.30	6.70	-17.56	7.60	10.50	14.91		
39	4.10	-5.39	18.01	18.48	1.30	6.60	-18.43	7.91	10.50	15.21		
40	4.10	-4.10	18.22	18.19	1.30	6.40	-18.87	8.30	10.50	15.52		
41	3.90	-3.69	18.50	17.99	1.30	6.30	-19.76	8.60	10.50	15.82		
42	3.70	-1.90	18.50	17.88	1.40	6.20	-20.43	8.51	10.50	16.12		
43	3.50	-1.40	18.50	17.59	1.60	6.20	-20.74	9.00	10.50	16.39		
44	3.20	-0.80	18.51	17.39	1.60	6.20	-21.15	9.00	10.50	16.50		
45	2.80	-0.10	18.60	17.16	1.70	5.90	-21.60	9.00	10.50	16.81		
46	2.60	0.40	18.60	16.48	1.70	5.90	-21.60	9.00	10.50	16.83		
47	2.20	1.10	18.62	16.19	1.90	5.90	-21.64	8.80	10.60	17.01		
48	1.90	1.90	18.89	15.99	2.10	5.90	-22.00	8.80	10.60	17.10		
49	1.80	3.20	18.80	15.79	2.20	5.60	-22.00	8.80	10.60	17.10		
50	1.60	3.85	18.80	15.28	2.60	5.35	-21.78	8.70	10.60	17.21		

NO.	RECORD=S-235		COMPONENT=H		SIGNAL=GR,ACC.		CORRECTION=ARC,ERR.		STATION=AOHORI+S	
	DATE	TIME=1968. 5.16. 9.49	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	ARC	ERR	ARC	ERR	TOTAL NUMBER OF DATA=13800	
	(13050)	(13100)	(13150)	(13200)	(13250)	(13300)	(13350)	(13400)	(13450)	
1	17.52	3.90	1.90	10.40	0.	0.20	15.92	21.56	-1.40	
2	17.61	3.90	2.30	10.40	-0.00	0.80	16.23	21.13	-1.50	
3	17.82	3.90	2.80	10.40	-0.10	1.60	16.85	20.46	-1.80	
4	18.12	3.90	3.30	10.30	-0.40	2.20	17.34	20.05	-2.10	
5	18.42	3.80	3.80	10.50	-0.80	2.80	17.94	19.45	-2.10	
6	18.71	3.80	4.20	10.50	-1.00	4.00	18.51	18.86	-2.40	
7	18.82	3.80	4.50	10.20	-1.20	4.30	18.74	18.34	-2.50	
8	19.12	3.80	4.60	10.00	-1.20	4.70	19.22	17.57	-2.80	
9	19.42	3.80	5.00	10.00	-1.70	5.20	19.45	17.15	-3.20	
10	19.72	3.80	5.40	10.00	-1.90	5.80	19.81	16.87	-3.60	
11	19.90	3.80	5.50	10.00	-2.00	6.20	19.93	15.88	-3.90	
12	19.90	3.80	5.80	10.00	-2.40	6.81	20.25	15.47	-4.30	
13	19.90	3.80	6.00	10.00	-2.40	7.50	20.84	14.98	-4.71	
14	19.90	3.60	6.30	9.90	-2.60	7.90	21.27	14.59	-5.90	
15	19.90	3.60	6.80	9.90	-2.60	8.10	21.94	14.88	-6.50	
16	19.90	3.60	7.00	9.80	-2.80	8.40	22.35	13.87	-6.51	
17	19.90	3.50	7.00	9.59	-3.00	8.71	22.83	13.07	-7.10	
18	19.90	3.30	7.20	9.30	-3.10	9.40	23.15	12.27	-7.40	
19	19.90	3.20	7.40	9.19	-3.10	9.60	23.42	11.38	-7.70	
20	19.90	3.00	7.70	8.80	-3.40	9.60	23.62	10.49	-7.90	
21	19.88	4.80	7.90	8.59	-3.60	9.60	23.81	10.19	-8.21	
22	19.68	4.40	8.00	7.90	-3.80	9.80	23.94	9.89	-8.60	
23	19.50	3.90	8.20	7.60	-4.00	9.90	24.23	9.29	-8.70	
24	19.43	3.60	8.40	7.19	-4.00	9.90	24.43	8.79	-9.01	
25	19.28	3.50	8.40	6.80	-4.00	9.90	24.68	8.19	-9.51	
26	19.06	3.20	8.20	5.90	-3.90	9.91	25.23	7.80	-9.91	
27	18.53	3.30	8.40	5.50	-4.00	10.30	25.46	7.59	-10.30	
28	18.29	3.30	8.60	5.00	-4.00	10.40	25.81	6.79	-10.51	
29	18.07	2.50	8.60	4.50	-4.20	10.61	25.96	6.00	-11.11	
30	17.66	2.10	8.70	4.00	-4.70	11.01	26.51	5.70	-11.51	
31	17.08	1.90	8.80	3.90	-4.70	11.20	26.43	5.50	-11.61	
32	16.78	1.50	9.00	3.80	-4.80	11.30	26.65	5.00	-11.90	
33	16.49	1.00	9.20	3.50	-4.70	11.30	26.80	4.30	-11.90	
34	16.28	0.80	9.40	3.20	-4.80	11.41	26.80	3.90	-12.01	
35	15.87	0.50	9.50	2.90	-4.80	11.61	26.80	3.50	-12.30	
36	15.38	0.30	9.60	2.50	-4.60	11.81	26.80	3.40	-12.41	
37	15.07	0.	9.60	2.10	-4.70	12.11	26.78	2.80	-12.71	
38	14.33	0.	9.60	1.50	-4.50	12.31	26.72	2.30	-13.10	
39	13.80	-0.00	9.60	1.20	-4.20	12.51	26.80	1.90	-13.01	
40	13.48	-0.10	9.60	1.00	-3.90	12.80	26.77	1.50	-13.21	
41	12.98	-0.10	9.60	0.80	-3.90	12.80	26.57	1.20	-13.50	
42	12.39	-0.10	9.60	0.60	-3.70	12.82	26.36	1.00	-13.51	
43	11.98	-0.10	9.60	0.50	-3.40	13.31	26.04	0.60	-13.71	
44	11.39	-0.10	9.90	1.80	-2.80	13.52	25.63	0.40	-13.91	
45	10.99	0.	10.10	1.60	-2.50	13.91	25.12	0.	-14.11	
46	10.59	0.00	10.20	1.40	-1.90	14.21	24.55	-0.00	-14.40	
47	10.29	0.20	10.30	1.20	-1.50	14.41	24.13	-0.10	-14.40	
48	9.68	0.50	10.30	0.80	-1.00	14.72	23.53	-0.30	-14.42	
49	8.80	1.00	10.20	0.60	-0.30	15.23	22.89	-0.50	-14.81	
50	8.50	1.45	10.30	0.30	-0.03	15.57	22.26	-0.95	-15.06	

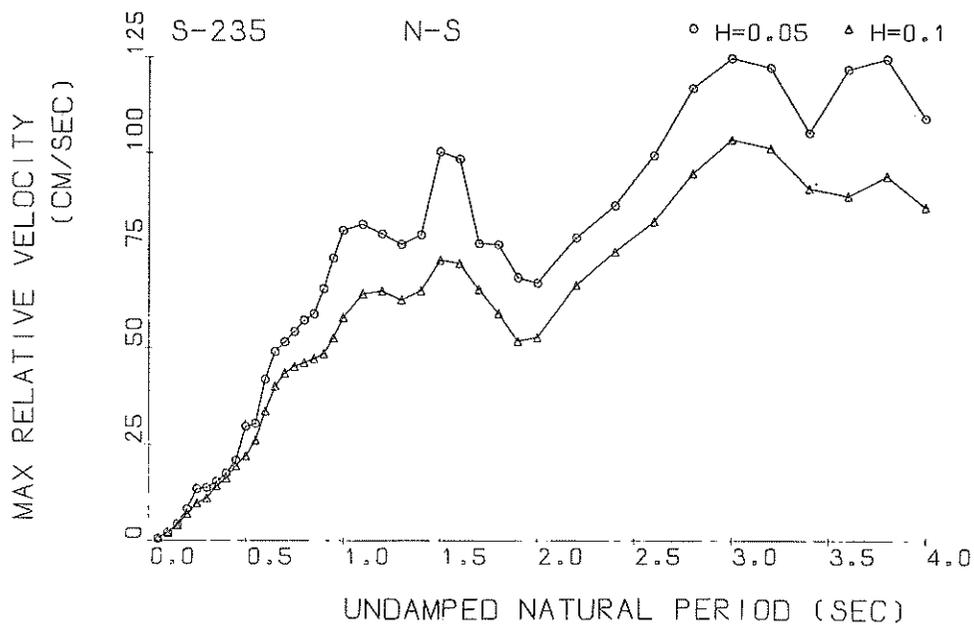
NO.	RECORDS-205		COMPONENTS-E-W		SIGNAL=GR.ACC.		CORRECTION=APC.ERR.		STATION=ROMORL-S			
	DATE	TIME	1965	5.16	9.49	SAMPLING INTERVAL=	0.010	(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=13800		
	(138500)	(13900)	(13650)	(13700)	(13800)	(13850)	(13900)	(13950)	(13800)	(13850)	(13900)	(13950)
1	-15.061	1.90	15.80	15.28	4.00	6.00	0.	0.	0.	0.	0.	0.
2	-15.41	1.90	15.80	15.30	4.70	6.41	0.	0.	0.	0.	0.	0.
3	-15.61	1.90	15.80	15.30	4.70	7.01	0.	0.	0.	0.	0.	0.
4	-15.71	2.00	15.90	15.29	3.70	7.50	0.	0.	0.	0.	0.	0.
5	-15.91	2.00	15.90	15.10	3.70	8.10	0.	0.	0.	0.	0.	0.
6	-16.12	2.30	15.90	15.00	3.50	8.40	0.	0.	0.	0.	0.	0.
7	-16.41	2.50	15.91	15.00	3.50	8.51	0.	0.	0.	0.	0.	0.
8	-16.51	2.80	14.21	14.98	3.30	9.01	0.	0.	0.	0.	0.	0.
9	-16.61	3.30	14.41	14.60	3.30	9.40	0.	0.	0.	0.	0.	0.
10	-16.71	3.60	14.61	14.50	3.30	9.40	0.	0.	0.	0.	0.	0.
11	-16.79	3.80	14.82	14.50	3.30	9.60	0.	0.	0.	0.	0.	0.
12	-16.70	3.90	15.32	14.60	3.00	9.60	0.	0.	0.	0.	0.	0.
13	-16.69	3.90	15.60	14.59	3.00	10.00	0.	0.	0.	0.	0.	0.
14	-16.59	4.30	15.62	14.58	3.00	10.11	0.	0.	0.	0.	0.	0.
15	-16.48	4.70	15.90	14.00	2.80	10.51	0.	0.	0.	0.	0.	0.
16	-16.18	5.40	15.90	13.90	2.60	10.80	0.	0.	0.	0.	0.	0.
17	-15.88	5.90	15.90	13.80	2.40	10.80	0.	0.	0.	0.	0.	0.
18	-15.48	6.10	15.91	13.78	2.50	11.01	0.	0.	0.	0.	0.	0.
19	-15.07	6.40	16.10	13.59	2.50	11.30	0.	0.	0.	0.	0.	0.
20	-14.87	6.80	16.10	13.18	2.30	11.30	0.	0.	0.	0.	0.	0.
21	-13.65	7.20	16.10	12.60	2.30	11.50	0.	0.	0.	0.	0.	0.
22	-12.68	7.61	16.10	12.59	2.30	11.50	0.	0.	0.	0.	0.	0.
23	-11.66	8.11	16.10	12.30	2.30	11.41	0.	0.	0.	0.	0.	0.
24	-10.38	8.51	16.11	12.19	2.30	11.41	0.	0.	0.	0.	0.	0.
25	-9.67	9.21	16.20	11.79	2.30	11.61	0.	0.	0.	0.	0.	0.
26	-8.88	9.61	16.18	11.49	2.00	11.90	0.	0.	0.	0.	0.	0.
27	-7.13	9.91	15.90	11.24	1.90	11.90	0.	0.	0.	0.	0.	0.
28	-5.69	10.21	15.90	11.09	1.90	12.00	0.	0.	0.	0.	0.	0.
29	-4.00	10.71	15.90	10.79	1.90	12.00	0.	0.	0.	0.	0.	0.
30	-3.00	11.11	15.89	10.49	1.90	12.10	0.	0.	0.	0.	0.	0.
31	-2.50	11.40	15.80	10.00	1.90	12.11	0.	0.	0.	0.	0.	0.
32	-1.70	11.50	15.80	9.90	1.90	12.41	0.	0.	0.	0.	0.	0.
33	-1.20	11.61	15.80	9.90	1.90	12.60	0.	0.	0.	0.	0.	0.
34	-0.50	12.00	15.79	9.69	1.70	12.60	0.	0.	0.	0.	0.	0.
35	-0.20	12.01	15.60	9.29	1.60	12.50	0.	0.	0.	0.	0.	0.
36	0.00	12.40	15.60	8.99	1.60	12.50	0.	0.	0.	0.	0.	0.
37	0.20	12.40	15.59	8.40	1.60	12.50	0.	0.	0.	0.	0.	0.
38	0.70	12.41	15.40	8.20	1.60	12.50	0.	0.	0.	0.	0.	0.
39	1.20	12.80	15.40	7.90	1.60	12.50	0.	0.	0.	0.	0.	0.
40	1.60	12.91	15.39	7.69	2.00	12.50	0.	0.	0.	0.	0.	0.
41	1.70	16.11	15.30	7.30	2.40	12.50	0.	0.	0.	0.	0.	0.
42	1.70	16.30	15.30	6.99	2.40	12.50	0.	0.	0.	0.	0.	0.
43	1.70	16.30	15.30	6.40	3.00	12.40	0.	0.	0.	0.	0.	0.
44	1.70	16.30	15.30	5.90	3.00	12.51	0.	0.	0.	0.	0.	0.
45	1.70	16.40	15.30	5.70	3.50	12.50	0.	0.	0.	0.	0.	0.
46	1.90	16.40	15.30	5.70	3.70	12.80	0.	0.	0.	0.	0.	0.
47	1.90	16.40	15.30	5.50	3.90	12.80	0.	0.	0.	0.	0.	0.
48	1.90	16.40	15.30	5.10	4.20	12.81	0.	0.	0.	0.	0.	0.
49	1.90	16.50	15.30	4.80	4.50	13.10	0.	0.	0.	0.	0.	0.
50	1.90	16.66	15.46	4.25	5.55	13.21	0.	0.	0.	0.	0.	0.
				4.25	5.55	13.41	0.	0.	0.	0.	0.	0.



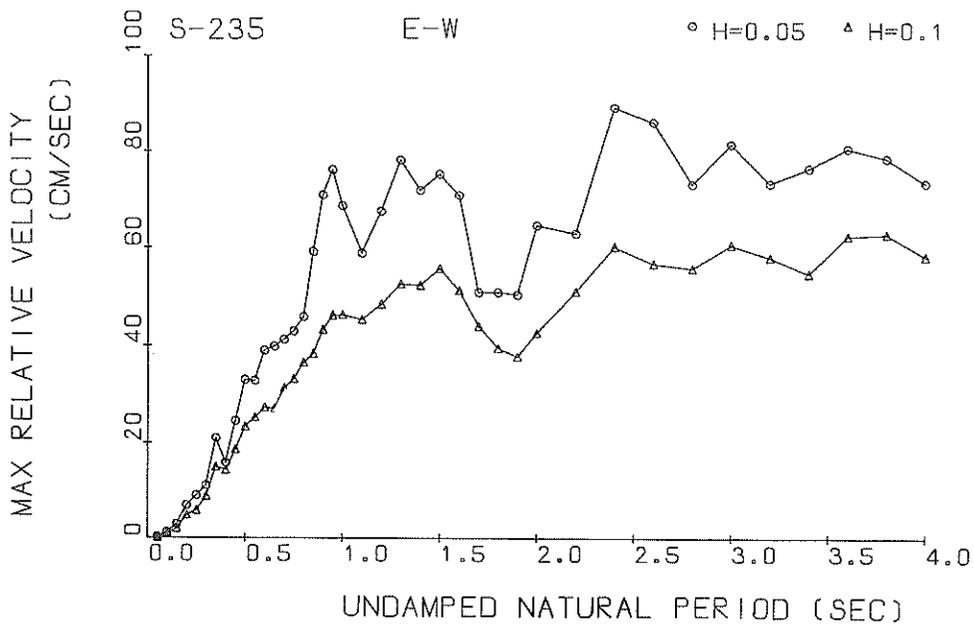
Response Spectra



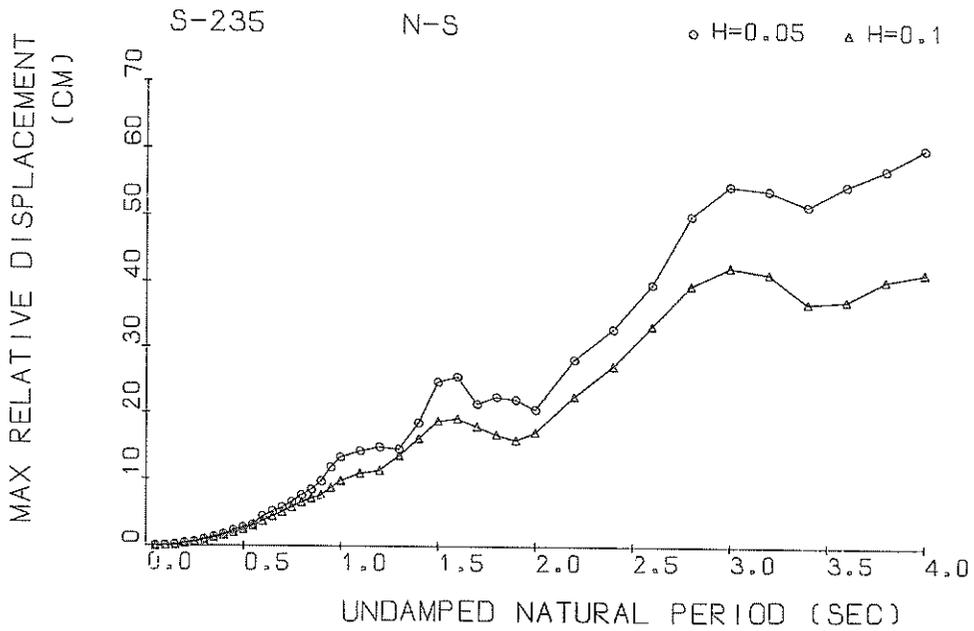
Response Spectra



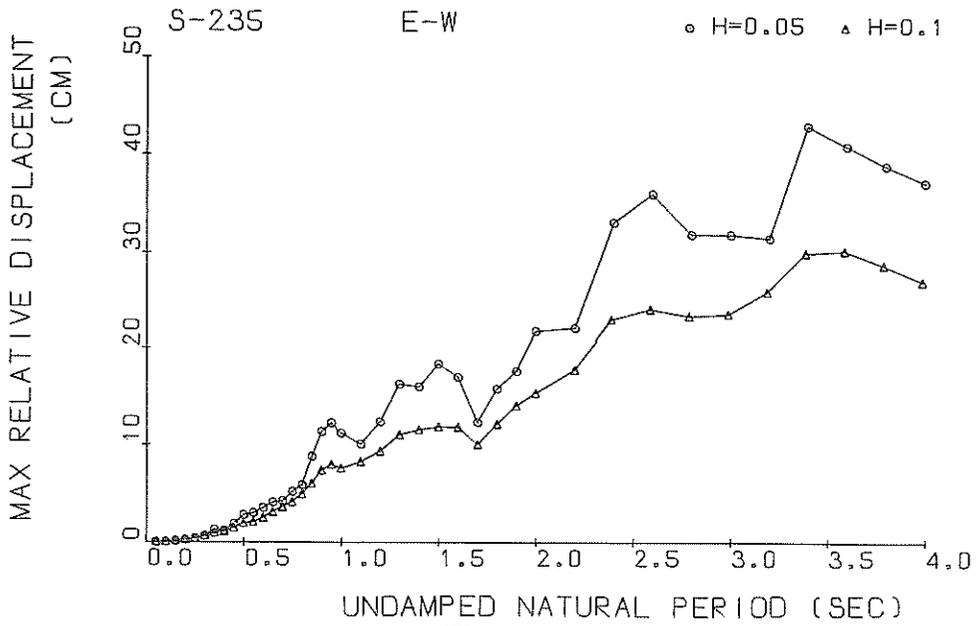
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM (BY PRUG, ERS-SE-1)

RECORD = S-235      N=S      1968, 5.16, 9.49      1968-TOKACHIOKI  
 STATION = MUKUTAN-S      INPUT SIGNAL = GR,ACC,  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ARC,ERR,  
 TIME LENGTH = 34.990(SEC)      SKIPPED LENGTH = 14.500(SEC)  
 DAMPING COEFFICIENT = 0.050      MAX.GROUND ACC.= 207.67(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.146	238.06	62.02	0.589	0.0150
0.100	1.582	286.96	102.01	2.198	0.0726
0.150	1.701	353.32	154.36	4.394	0.2014
0.200	2.098	435.68	234.23	8.240	0.4421
0.250	1.957	406.38	357.75	13.571	0.6400
0.300	2.140	444.41	294.38	16.871	1.0088
0.350	2.131	442.45	283.54	15.405	1.3696
0.400	2.130	442.32	297.40	17.538	1.7877
0.450	2.179	452.60	310.32	20.953	2.3116
0.500	2.131	442.45	369.86	29.804	2.7903
0.550	2.033	422.19	360.43	30.619	3.2245
0.600	2.348	487.62	449.81	41.960	4.4269
0.650	2.348	487.67	390.05	49.124	5.2013
0.700	2.252	467.63	402.53	51.625	5.7827
0.750	2.243	466.81	441.77	54.164	6.6270
0.800	2.275	472.38	484.75	57.005	7.6231
0.850	2.249	467.07	498.93	58.663	8.5181
0.900	2.301	477.78	478.58	65.045	9.7616
0.950	2.300	519.22	509.74	72.760	11.8110
1.000	2.350	529.53	529.86	80.014	13.3507
1.100	2.250	467.23	479.27	81.519	14.2499
1.200	1.969	408.86	424.43	79.123	14.8601
1.300	1.043	342.33	394.99	76.453	14.5731
1.400	1.811	376.19	369.13	78.973	18.5860
1.500	2.106	437.32	428.73	100.405	24.8030
1.600	1.908	396.16	394.77	98.510	25.5677
1.700	1.418	294.53	311.24	76.560	21.4645
1.800	1.328	275.82	304.57	76.233	22.5159
1.900	1.168	242.58	282.15	67.987	22.0625
2.000	0.986	204.68	259.60	66.635	20.6246
2.200	1.117	232.07	246.40	78.062	28.3036
2.400	1.095	227.33	253.34	86.327	32.9902
2.600	1.127	234.10	253.49	99.340	39.8723
2.800	1.227	254.77	289.66	117.055	50.3082
3.000	1.166	242.04	278.18	124.760	54.8642
3.200	1.012	210.15	291.62	122.221	54.1739
3.400	0.858	178.23	317.87	105.354	51.9314
3.600	0.812	168.56	297.84	121.883	55.0701
3.800	0.761	157.94	271.16	124.471	57.5015
4.000	0.725	150.51	260.99	108.965	60.6585

RESPONSE SPECTRUM (BY PRUG, ERS-SE-1)

RECORD = S-205 N=S 1968, 5.16, 9.49 1968-TOKACHIOK  
 STATION = MURUTAN-S INPUT SIGNAL = GK, ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC, ERR.  
 TIME LENGTH = 34.990(SEC) SKIPPED LENGTH = 14.500(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX. GROUND ACC. = 207.67(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIV DISPLAC (CM)
0.050	1.082	224.80	57.18	0.581	0.0141
0.100	1.021	274.38	89.89	2.106	0.0691
0.150	1.096	331.40	132.44	4.042	0.1865
0.200	1.864	387.02	185.57	7.067	0.6885
0.250	1.817	377.42	259.94	9.698	0.5922
0.300	1.930	400.70	215.03	11.141	0.9038
0.350	1.992	413.78	247.97	14.183	1.2688
0.400	1.968	408.77	259.63	16.627	1.6374
0.450	1.996	414.52	277.47	19.460	2.0990
0.500	1.972	409.43	285.16	22.129	2.5602
0.550	1.944	403.75	307.18	26.085	3.0559
0.600	2.031	421.73	319.84	33.690	3.7966
0.650	2.060	427.70	295.48	40.143	4.5161
0.700	2.029	421.44	346.27	43.484	5.1601
0.750	2.012	417.81	383.22	45.222	5.8697
0.800	1.993	413.88	415.00	46.224	6.5958
0.850	1.930	400.76	430.13	47.263	7.1887
0.900	1.836	381.35	426.04	48.493	7.6619
0.950	1.882	390.90	422.08	52.478	8.7781
1.000	1.913	397.34	405.34	57.725	9.8697
1.100	1.754	364.20	372.35	63.698	10.9340
1.200	1.522	316.05	354.47	64.454	11.3540
1.300	1.562	324.37	339.91	62.246	13.6164
1.400	1.599	331.99	325.89	64.456	16.1658
1.500	1.629	338.31	328.73	72.217	18.9054
1.600	1.458	302.81	297.05	71.355	19.2510
1.700	1.211	251.57	294.33	64.814	18.0442
1.800	1.006	209.01	288.34	58.828	16.8647
1.900	0.854	177.26	276.01	51.691	15.9364
2.000	0.831	172.52	263.42	52.498	17.1816
2.200	0.907	188.38	251.14	65.909	22.6142
2.400	0.919	190.95	249.92	74.365	27.2712
2.600	0.962	199.78	246.23	82.100	33.4775
2.800	0.985	204.58	238.94	94.472	39.7149
3.000	0.921	191.16	231.87	103.478	42.5462
3.200	0.791	164.25	249.98	101.175	41.5624
3.400	0.627	130.13	270.75	90.587	37.0689
3.600	0.561	116.48	270.21	88.721	37.5102
3.800	0.545	113.25	262.03	93.968	40.6796
4.000	0.508	105.45	258.16	85.823	41.8379

RESPONSE SPECTRUM (BY PROG. ERS-SE\*1)

RECORD = S-255      E-W      1968, 5.16, 9.49      1968-TOKACHIOKI  
 STATION = MURUTAN-S      INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ARC.ERR.  
 TIME LENGTH = 34.990(SEC)      SKIPPED LENGTH = 14.500(SEC)  
 DAMPING COEFFICIENT = 0.050      MAX.GROUND ACC.= 179.91(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.045	187.94	22.32	0.270	0.0119
0.100	1.152	207.31	70.35	1.256	0.0524
0.150	1.251	225.15	105.99	2.916	0.1284
0.200	1.489	267.89	191.54	6.955	0.2685
0.250	1.522	273.78	229.17	8.980	0.4339
0.300	1.629	293.04	225.51	11.118	0.6627
0.350	2.506	414.90	353.97	21.054	1.2856
0.400	1.567	281.94	232.80	15.865	1.1384
0.450	2.012	362.03	310.26	24.651	1.8498
0.500	2.430	437.14	422.50	33.168	2.7577
0.550	2.157	388.15	408.59	33.023	2.9591
0.600	2.134	383.87	462.58	39.241	3.4840
0.650	2.122	381.70	430.64	40.043	4.0625
0.700	1.874	337.17	357.64	41.446	4.1645
0.750	2.012	361.97	417.06	43.111	5.1295
0.800	1.992	358.42	427.43	45.974	5.7911
0.850	2.062	478.96	426.95	59.615	8.7337
0.900	3.070	552.25	482.16	70.919	11.2758
0.950	2.974	534.97	499.66	76.141	12.1708
1.000	2.456	441.91	430.13	68.565	11.1442
1.100	1.818	327.15	346.65	58.918	9.9757
1.200	1.885	339.08	351.60	67.516	12.3037
1.300	2.118	381.06	410.09	78.104	16.2245
1.400	1.795	322.91	371.10	71.823	15.9535
1.500	1.798	323.49	331.39	75.198	18.3420
1.600	1.464	263.46	353.00	70.848	16.9847
1.700	0.937	168.51	311.44	50.892	12.2860
1.800	1.069	192.36	249.32	50.893	15.7154
1.900	1.074	193.16	238.62	50.470	17.5741
2.000	1.230	221.27	250.53	64.639	21.7538
2.200	1.007	181.12	212.77	62.895	22.0936
2.400	1.267	227.94	220.07	89.153	33.0988
2.600	1.176	211.50	239.10	85.985	36.0105
2.800	0.899	161.70	243.89	73.007	31.9026
3.000	0.782	140.69	231.50	81.393	31.8441
3.200	0.079	122.19	260.70	73.283	31.4980
3.400	0.821	147.79	250.14	76.443	43.0256
3.600	0.697	125.36	224.07	80.597	40.9455
3.800	0.595	107.08	198.18	78.543	38.9262
4.000	0.513	92.30	189.78	73.437	37.1864

RESPONSE SPECTRUM (BY PRUG, ERS-SE=1)

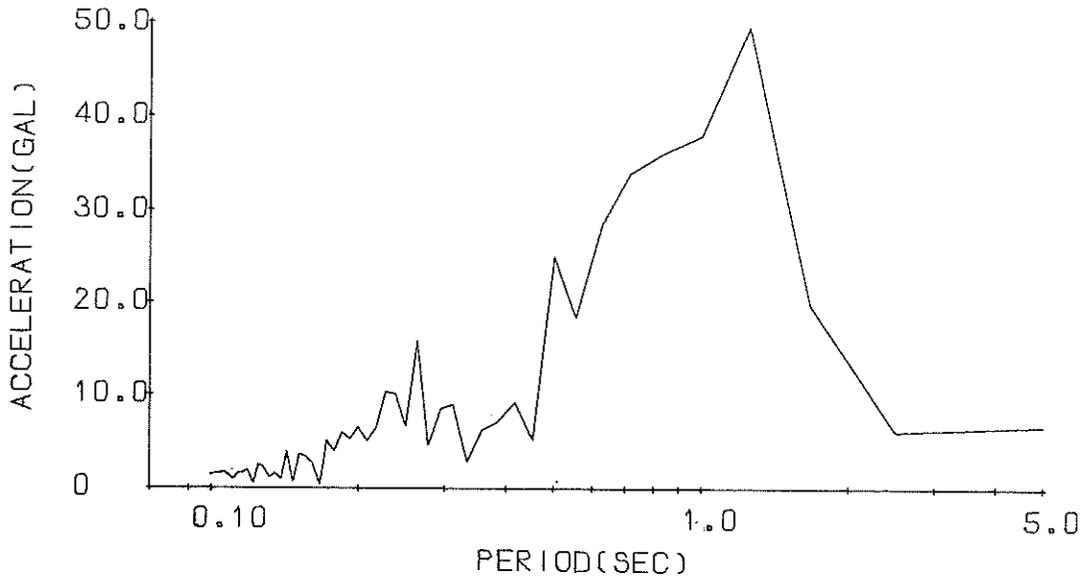
RECORD = S-200 E-W 1968, 5.16, 9.49 1968-TOKACHIOKI  
 STATION = MURUTAN-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR,  
 TIME LENGTH = 34.990(SEC) SKIPPED LENGTH = 14.500(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 179.91(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.031	185.57	20.89	0.266	0.0117
0.100	1.130	203.22	59.98	1.150	0.0516
0.150	1.226	220.57	76.58	2.102	0.1255
0.200	1.274	229.21	135.73	4.970	0.2312
0.250	1.265	227.66	155.08	5.969	0.3585
0.300	1.492	268.40	165.90	8.950	0.6075
0.350	1.661	298.82	247.64	15.037	0.9126
0.400	1.461	262.89	207.88	14.656	1.0545
0.450	1.580	284.33	250.12	18.628	1.4364
0.500	1.699	305.61	315.18	26.447	1.9022
0.550	1.489	267.95	316.12	25.320	2.0189
0.600	1.524	274.25	326.12	27.399	2.4556
0.650	1.613	290.28	289.15	27.164	3.0539
0.700	1.622	291.89	277.20	31.392	3.5636
0.750	1.621	291.67	322.38	33.246	4.0917
0.800	1.693	304.62	337.17	36.591	4.8687
0.850	1.836	330.33	324.78	38.421	5.9495
0.900	2.001	360.01	308.87	46.344	7.2660
0.950	1.944	349.75	308.60	46.158	7.8546
1.000	1.658	298.35	289.43	46.235	7.4214
1.100	1.498	269.58	262.80	45.245	8.0992
1.200	1.425	256.38	266.55	48.390	9.1664
1.300	1.443	259.68	280.43	52.478	10.8800
1.400	1.504	234.66	270.01	52.250	11.6918
1.500	1.168	210.04	265.96	55.636	11.7155
1.600	1.023	184.00	260.07	51.111	11.6622
1.700	0.766	137.87	260.01	43.943	9.8536
1.800	0.825	148.36	224.34	39.429	11.9528
1.900	0.860	154.69	215.82	37.707	13.8643
2.000	0.849	152.72	205.66	42.523	15.1508
2.200	0.815	146.69	187.98	50.945	17.6137
2.400	0.887	159.53	186.59	60.054	22.8404
2.600	0.794	142.90	184.37	56.599	23.9532
2.800	0.669	120.43	194.10	55.659	23.2086
3.000	0.590	106.22	206.98	60.369	23.3829
3.200	0.567	101.98	227.11	57.860	25.7537
3.400	0.581	104.49	228.37	54.593	29.8142
3.600	0.520	93.47	216.02	62.224	30.0771
3.800	0.444	79.96	202.88	62.620	28.5820
4.000	0.379	68.18	195.45	58.138	26.8806

S-235 N-S

TSK=20.50

TUS=5.00

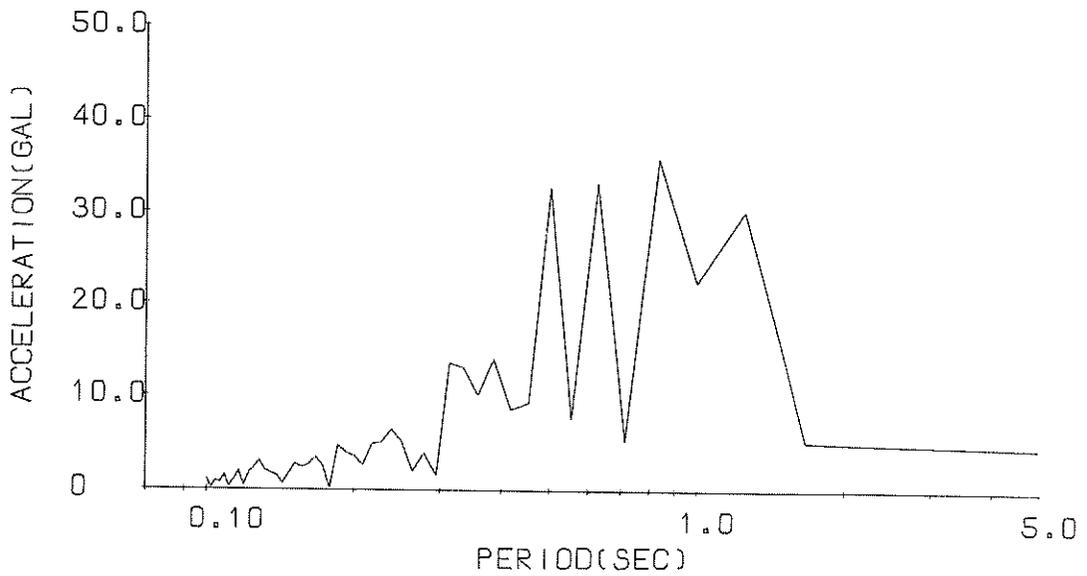


Fourier Spectrum

S-235 E-W

TSK=20.50

TUS=5.00



Fourier Spectrum

FOURIER ANALYSIS

RECORD=S-235 COMPONENT=N-S SIGNAL=GR,ACC, STATION=AOMORI-8  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA=13800  
 DATA SKIPPED = 2050 DATA USED # 501 TIME LENGTH # 5.000(SEC) MMIN # 1 MMAX # 50

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	-0.575584E 001	-0.3280661E 001	0.6625137E 001
2	2.5000	0.4000	0.1121508E 001	0.5919305E 001	0.6026610E 001
3	1.6667	0.6000	0.1785552E 002	0.8237668E 001	0.1979170E 002
4	1.2500	0.8000	0.6640015E 001	0.4912367E 002	0.4957041E 002
5	1.0000	1.0000	0.3794739E 002	-0.1450135E 000	0.3794767E 002
6	0.8333	1.2000	0.2562021E 002	-0.2250390E 002	0.3619030E 002
7	0.7143	1.4000	0.1331047E 002	-0.3031180E 002	0.3395903E 002
8	0.6250	1.6000	0.1180410E 002	-0.2287731E 002	0.2844243E 002
9	0.5556	1.8000	0.3664905E 000	0.1838860E 002	0.1839642E 002
10	0.5000	2.0000	-0.9146441E 001	0.2632514E 002	0.2503433E 002
11	0.4545	2.2000	0.2218951E 001	-0.4673293E 001	0.5173337E 001
12	0.4167	2.4000	-0.9506775E 000	-0.9174862E 001	0.9223456E 001
13	0.3846	2.6000	0.2185858E 001	-0.6746331E 001	0.7091658E 001
14	0.3571	2.8000	0.5827039E 001	-0.4929353E 001	0.6240349E 001
15	0.3333	3.0000	0.2636462E 001	-0.9664555E 000	0.2797835E 001
16	0.3125	3.2000	0.2197046E 001	0.8633677E 001	0.8908838E 001
17	0.2941	3.4000	0.6858295E 001	0.7542788E 001	0.8472314E 001
18	0.2778	3.6000	0.8070550E 000	0.4474035E 001	0.4546292E 001
19	0.2632	3.8000	-0.6317097E 001	-0.1444047E 002	0.1576176E 002
20	0.2500	4.0000	0.6225000E 001	-0.1507690E 001	0.6694486E 001
21	0.2381	4.2000	0.976614E 001	0.2262934E 001	0.1003217E 002
22	0.2273	4.4000	-0.2182146E 001	0.8824147E 001	0.4023329E 002
23	0.2174	4.6000	0.2445550E 001	0.3463348E 001	0.6456894E 001
24	0.2083	4.8000	-0.2467023E 001	-0.4631970E 001	0.4985195E 001
25	0.2000	5.0000	0.2998499E 001	-0.2653810E 001	0.6559321E 001
26	0.1923	5.2000	-0.2293841E 001	-0.4669254E 001	0.5202281E 001
27	0.1852	5.4000	0.4693610E 001	-0.3613414E 001	0.5923406E 001
28	0.1786	5.6000	0.3221535E 001	-0.1714454E 001	0.3946703E 001
29	0.1724	5.8000	-0.2707270E 001	0.4276061E 001	0.5061028E 001
30	0.1667	6.0000	-0.4648002E 000	0.7194470E 001	0.4407117E 000

FOURIER ANALYSIS

RECORD=S-235 COMPONENT=N\*S SIGNAL=GR,ACC. CORRECTION=ARC,ERR. STATION=AOMORI=S  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA=13800 DATA USED # 501 TIME LENGTH = 5,000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 2050

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	0.2194817E 001	0.1463865E 001	0.2636540E 001
32	0.1562	6.4000	0.3584200E-001	-0.3369118E 001	0.3369308E 001
33	0.1515	6.6000	0.87892294E 000	-0.3459189E 001	0.3569105E 001
34	0.1471	6.8000	0.6020150E 000	0.3412608E 000	0.6920123E 000
35	0.1429	7.0000	0.1817202E 001	0.3463752E 001	0.3911496E 001
36	0.1389	7.2000	0.9723331E 000	-0.1096919E 000	0.9785009E 000
37	0.1351	7.4000	0.1521884E 001	0.2173385E 000	0.1537325E 001
38	0.1316	7.6000	0.5534796E 000	-0.1031087E 001	0.1170248E 001
39	0.1282	7.8000	0.1037607E 001	-0.2007177E 001	0.2259510E 001
40	0.1250	8.0000	0.1959553E 001	0.1443046E 001	0.2433563E 001
41	0.1220	8.2000	0.55233596E 000	-0.8931017E-001	0.5397794E 000
42	0.1190	8.4000	0.9454052E-001	0.1913981E 001	0.1918312E 001
43	0.1163	8.6000	0.1654447E 001	0.8012888E-001	0.1636410E 001
44	0.1136	8.8000	0.9470842E-001	-0.1281757E 001	0.1584590E 001
45	0.1111	9.0000	0.2729540E-001	-0.9186756E 000	0.9204603E 000
46	0.1087	9.2000	0.4518602E 000	-0.1905690E 001	0.1382612E 001
47	0.1064	9.4000	0.1571470E 001	-0.9438578E 000	0.1664872E 001
48	0.1042	9.6000	0.4532661E 000	0.1550696E 001	0.1514014E 001
49	0.1020	9.8000	0.1451853E 001	0.5168661E 000	0.1541112E 001
50	0.1000	10.0000	0.0.7176099E 000	-0.1233584E 001	0.1427127E 001

FOURIER ANALYSIS

RECORD=S-235. COMPONENT=E+W SIGNAL=GR,ACC. CORRECTION=ARC,ERR. STATION=AOMORI-S  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA=13800  
 DATA SKIPPED = 2050 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = .1 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

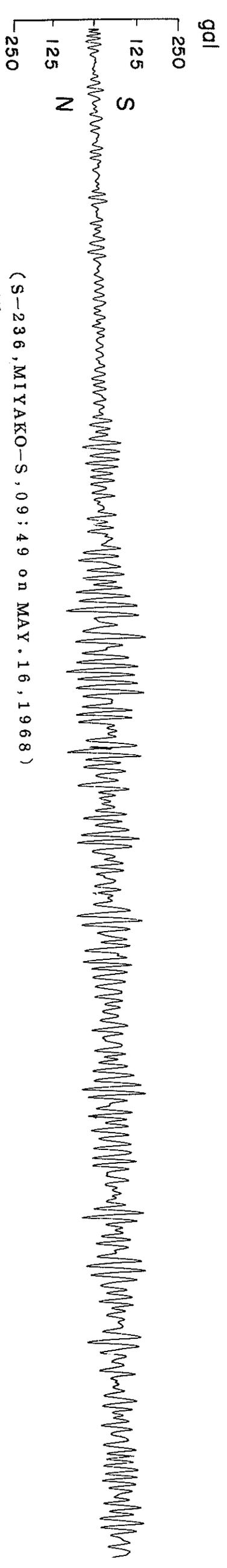
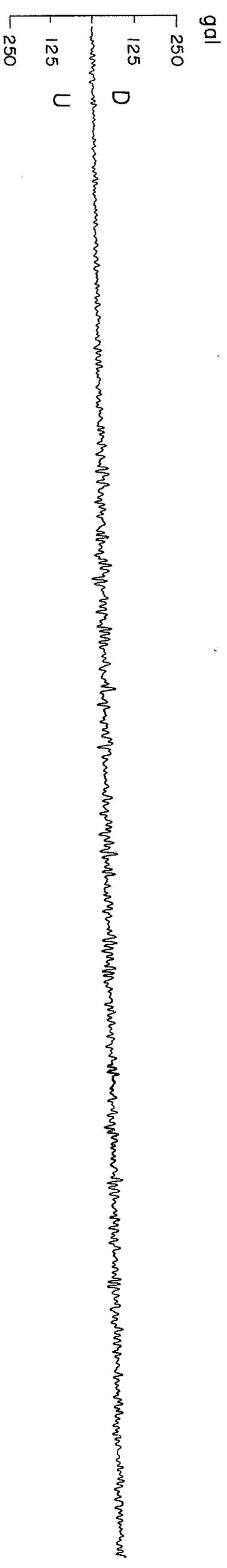
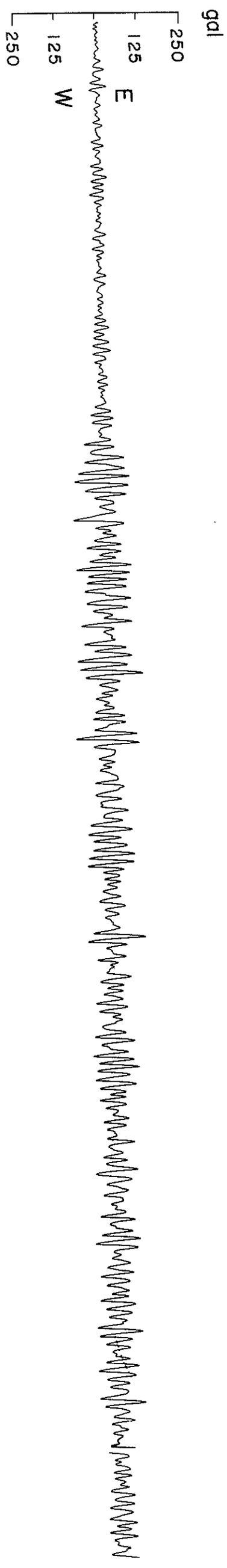
M	PERIOD	FREQ.	AM	BM	CM
1	5.0000	0.2000	0.1954505E 001	-0.4145196E 001	0.4582875E 001
2	2.5000	0.4000	0.4128709E 001	0.2741548E 001	0.4956039E 001
3	1.6667	0.6000	0.4661947E 001	0.2404951E 001	0.5245716E 001
4	1.2500	0.8000	0.7975291E 001	0.2910595E 002	0.3047883E 002
5	1.0000	1.0000	-0.2206925E 002	-0.3074755E 001	0.2228242E 002
6	0.8333	1.2000	0.5400575E 002	0.1120406E 002	0.3580394E 002
7	0.7143	1.4000	-0.4695256E 001	0.2634020E 001	0.5383632E 001
8	0.6250	1.6000	0.1436142E 002	-0.2985089E 002	0.3612592E 002
9	0.5556	1.8000	0.5642628E 001	-0.6748795E 001	0.7669092E 001
10	0.5000	2.0000	0.1551722E 002	0.2876732E 002	0.3268551E 002
11	0.4545	2.2000	0.4133035E 001	-0.8319286E 001	0.9307242E 001
12	0.4167	2.4000	0.5552784E 001	0.7925942E 001	0.8606833E 001
13	0.3846	2.6000	0.1311911E 002	-0.4810566E 001	0.1597328E 002
14	0.3571	2.8000	0.4280291E 001	0.9101868E 001	0.1005808E 002
15	0.3333	3.0000	0.4855304E 001	-0.1210636E 002	0.1304369E 002
16	0.3125	3.2000	0.1090052E 002	0.7962746E 001	0.1349897E 002
17	0.2941	3.4000	0.8818997E 000	0.1337616E 001	0.1602175E 001
18	0.2778	3.6000	0.2165286E 001	0.3699104E 001	0.4030183E 001
19	0.2632	3.8000	0.9992186E 000	-0.5221049E 001	0.2038202E 001
20	0.2500	4.0000	0.2406858E 000	-0.4874087E 001	0.5226593E 001
21	0.2381	4.2000	0.4207124E 001	-0.1514555E 001	0.6438681E 001
22	0.2273	4.4000	0.4918716E 001	0.1393955E 001	0.5091349E 001
23	0.2174	4.6000	0.4712664E 001	0.172784E 001	0.4914499E 001
24	0.2083	4.8000	0.1339787E 001	0.2175284E 001	0.2663069E 001
25	0.2000	5.0000	-0.3207436E 001	-0.1754396E 001	0.3655892E 001
26	0.1923	5.2000	0.3278012E 001	-0.2268648E 001	0.3986493E 001
27	0.1852	5.4000	0.4418835E 001	-0.1676638E 001	0.4726244E 001
28	0.1786	5.6000	0.2689856E-001	-0.1844126E 000	0.1863583E 000
29	0.1724	5.8000	0.2436226E 001	-0.1061416E 001	0.2657440E 001
30	0.1667	6.0000	0.3338732E 001	0.1003956E 001	0.3486413E 001

FOURIER ANALYSIS

RECORD=S-235 COMPONENT=E-W SIGNAL=GR,ACC, CORRECTION=ARC,ERR, STATION=AOMORI-S  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA=13800 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 2050

NOTE AM IS AMPLITUDE OF COS(WMT).  
 RM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+RM\*\*2)\*\*0.5

.M	PERIOD	FREQ.	AM	RM	CM
31	0.1613	6.2000	0.9844271E 000	0.2465982E 001	0.2656033E 001
32	0.1562	6.4000	0.6011365E-001	-0.2411436E 001	0.2412185E 001
33	0.1515	6.6000	0.2620174E 001	-0.9985291E 000	0.2804027E 001
34	0.1471	6.8000	0.5825808E-001	0.1751041E 001	0.1752010E 001
35	0.1429	7.0000	-0.5661471E 000	-0.3812826E 000	0.6825679E 000
36	0.1389	7.2000	-0.1016071E 001	0.1157708E 001	0.1540553E 001
37	0.1351	7.4000	-0.4856385E 000	-0.1725142E 001	0.1792194E 001
38	0.1316	7.6000	-0.6321706E 000	-0.2023944E 001	0.2051021E 001
39	0.1282	7.8000	0.1953609E 001	-0.2483967E 001	0.3147846E 001
40	0.1250	8.0000	0.1625548E 001	0.1973826E 001	0.2677616E 001
41	0.1220	8.2000	-0.1806152E 001	-0.4607681E 000	0.1856810E 001
42	0.1190	8.4000	-0.1590138E 000	-0.4173272E 000	0.4404406E 000
43	0.1163	8.6000	-0.1841500E 001	-0.8065246E 000	0.2010231E 001
44	0.1136	8.8000	0.7894241E 000	0.6901492E 000	0.1048569E 001
45	0.1111	9.0000	-0.2746507E 000	-0.1455250E 000	0.3108223E 000
46	0.1087	9.2000	0.1612199E 001	0.2174587E 000	0.1626798E 001
47	0.1064	9.4000	0.4861655E 000	0.5685872E 000	0.7256300E 000
48	0.1042	9.6000	0.4572578E 001	0.8873966E 000	0.8882712E 000
49	0.1020	9.8000	-0.5965022E-001	-0.1174755E 000	0.1239845E 000
50	0.1000	10.0000	0.1221459E 000	-0.1145148E 001	0.1149655E 001



(S-236, MIYAKO-S, 09:49 on MAY. 16, 1968)





RECORD#	DATE AND TIME	S-206	COMPONENT#N=S		SIGNAL=GR,ACC.		CORRECTION=ARC,ERR.		STATION=MIYAKO-S	
			( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )
			SAMPLING INTERVAL= 0.010(SEC)		FORMAT NO.=301		TOTAL NUMBER OF DATA=11400			
1	-14.03	10.64	-2.10	15.82	-1.99	0.60	1.60	-1.90	2.00	8.29
2	-11.78	8.20	0.00	14.50	6.01	-0.00	0.00	-0.30	2.20	7.75
3	9.33	1.70	7.00	12.14	7.72	-1.10	3.00	2.80	0.70	3.89
4	10.96	7.41	9.21	10.13	9.21	-2.81	4.70	3.90	-1.00	0.10
5	9.10	8.01	6.93	8.98	9.91	-7.83	5.30	3.50	-1.90	-1.20
6	-1.81	-10.22	8.40	-0.80	10.63	-9.92	4.60	2.00	-2.60	-6.21
7	-10.42	8.00	11.98	-3.12	-10.48	-10.98	3.89	-1.00	-3.30	-7.23
8	-8.96	-10.99	11.36	-10.76	11.36	-10.15	2.00	-3.62	-2.80	-10.33
9	-3.67	-10.50	-2.51	-13.17	9.76	-7.87	-1.20	-12.01	-2.00	-11.57
10	7.99	-6.29	-7.15	-13.08	0.30	-5.38	-3.31	-15.48	-1.40	-10.55
11	14.45	-5.09	-11.50	-13.70	0.30	-1.89	-9.24	-15.04	-0.30	-4.49
12	17.52	-3.89	-11.42	-15.52	-1.21	5.93	-11.52	-11.66	-0.70	-2.19
13	14.75	-1.60	-8.56	-4.21	-12.22	10.18	-12.29	-3.76	-1.70	7.02
14	9.45	1.00	-5.88	-9.62	-7.70	13.64	-11.98	8.41	-2.10	8.72
15	-3.02	2.70	-2.69	-5.08	-7.98	16.84	-11.38	16.03	-1.70	9.90
16	-14.07	3.30	4.22	-6.69	-0.69	17.31	-6.09	20.08	-1.90	19.06
17	-17.76	2.10	9.15	-2.20	-3.50	14.31	-5.19	22.01	-1.50	19.82
18	-12.25	1.00	11.91	6.21	-3.10	9.98	-3.99	21.68	-1.40	20.03
19	-4.84	0.50	12.62	8.22	-6.20	-0.00	-2.00	17.07	0.00	19.77
20	3.43	1.20	15.00	9.80	-0.69	-1.51	0.00	4.95	4.81	13.77
21	10.88	1.90	14.90	9.78	-3.10	-10.49	2.10	-5.06	7.82	8.25
22	17.84	3.00	10.28	8.57	0.00	8.57	3.31	-16.81	9.67	-1.81
23	16.70	3.60	9.14	0.40	0.40	-16.53	5.50	-23.26	13.35	-10.93
24	11.79	3.40	0.30	-2.11	1.40	-17.90	5.00	-24.42	14.73	-16.05
25	7.95	2.10	-2.00	-10.48	0.60	-13.94	4.30	-22.99	15.24	-20.47
26	-3.12	1.00	-5.25	-13.92	-1.70	-5.68	4.30	-15.34	13.92	-22.04
27	-14.67	-0.00	-14.28	-14.48	-3.40	-3.18	3.90	-5.04	11.92	-20.52
28	-18.47	-0.80	-18.50	-13.93	-5.10	6.02	3.50	6.15	6.13	-18.55
29	-21.53	-0.80	-21.90	-4.49	-2.90	8.24	3.00	12.01	-2.51	-16.38
30	-18.00	-0.80	-18.18	-5.08	-2.50	11.12	2.20	-13.33	-13.33	-12.44
31	-14.83	-0.80	-12.06	-1.60	-0.80	11.78	1.00	-16.69	-4.78	-4.78
32	-5.43	-0.10	-10.07	0.00	0.00	11.11	0.30	-19.65	-1.00	-1.00
33	-5.97	-0.10	0.00	5.21	4.00	7.76	-0.00	26.78	-18.90	7.04
34	12.51	-1.40	7.24	7.19	4.29	-2.21	-0.20	24.60	-5.87	10.54
35	19.40	-1.90	11.65	6.60	2.80	-12.01	-0.70	20.99	-5.08	16.39
36	19.28	-2.80	20.63	6.60	-0.00	-15.63	-3.90	12.18	-2.29	17.90
37	17.56	-3.90	23.40	6.20	-17.94	5.46	-5.10	8.13	8.13	17.86
38	14.34	-4.70	23.26	5.90	-13.37	-13.36	-5.69	-0.50	9.93	17.12
39	7.77	-5.20	21.06	7.59	-13.77	-15.93	-4.50	-4.24	11.40	14.21
40	-1.71	-5.20	7.98	4.40	-13.59	-6.18	-3.40	-13.57	11.32	9.85
41	-11.68	5.19	4.66	3.70	-13.17	-3.87	-1.90	-13.35	8.20	-1.50
42	-14.19	-2.60	-2.88	2.70	-4.78	5.93	0.00	-16.08	1.60	-5.37
43	-10.08	-0.60	-14.38	0.60	-4.34	9.31	2.40	-13.80	-1.90	-17.23
44	-12.30	0.00	-18.33	0.00	0.00	9.90	2.00	-9.14	-6.30	-25.16
45	-7.76	0.10	-16.64	0.30	6.61	10.09	1.80	-5.89	-6.30	-26.36
46	-2.59	-0.60	-17.71	0.80	7.55	9.68	1.30	-4.09	-3.98	-26.97
47	2.41	-2.00	-14.94	1.80	12.07	8.66	-0.50	-2.60	-3.87	-24.23
48	8.63	-3.80	-11.61	2.20	17.80	6.28	-1.30	-0.70	4.51	-17.10
49	10.70	-4.60	-2.39	1.80	3.89	17.90	-1.90	0.50	7.31	-11.00
50	10.70	-4.59	-0.60	1.40	17.12	1.90	-2.00	1.90	7.81	-3.67

RECORD=S-266  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENT=N-S  
 SIGNAL=GR,ACC.  
 SAMPLING INTERVAL=0.010(SEC)  
 CORRECTION=AR,ERR.  
 FORMAT NO.=301  
 STATION=MIYAKO-S  
 TOTAL NUMBER OF DATA=11400

NO.	( 200)	( 350)	( 500)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( ,950)
1	6.54	-0.20	-14.92	-6.59	7.42	9.70	11.84	-2.10	17.41	-0.10
2	10.59	2.40	-7.35	-1.50	9.00	0.00	9.60	0.00	15.70	11.97
3	16.84	6.12	-3.29	0.	9.00	-3.32	-0.00	4.11	8.59	24.84
4	21.54	8.32	0.00	-0.00	9.00	-9.97	6.89	6.10	7.75	37.57
5	21.90	9.92	5.22	-0.70	8.92	-13.14	-15.81	6.60	-3.84	45.05
6	21.90	11.02	9.49	-5.54	4.89	-14.20	-17.86	6.58	-15.72	45.76
7	20.89	11.85	14.05	-12.09	1.90	-14.20	-19.95	3.88	-18.46	40.95
8	11.05	10.18	17.34	-18.21	0.50	-14.17	-19.12	-1.20	-26.40	30.89
9	1.89	9.33	10.46	-21.99	-1.90	-13.27	-15.41	-10.06	-31.85	18.97
10	-5.73	5.84	15.67	-19.84	-4.63	-9.78	-8.15	-10.19	-32.88	3.83
11	-9.46	-2.21	10.60	-15.47	-10.73	-4.19	-4.68	-21.10	-28.85	-18.36
12	-12.34	-7.84	10.77	-7.44	-12.00	-0.80	-1.30	-20.77	-14.44	-42.83
13	-10.53	-11.13	9.66	-2.19	-12.00	6.61	0.00	-17.12	-14.44	-30.62
14	-7.56	-12.06	7.83	5.02	-11.91	7.95	3.60	-11.16	4.59	-44.36
15	-4.59	-10.64	4.39	8.34	-8.92	11.86	4.60	-2.49	28.57	-40.42
16	-2.70	-8.15	-1.70	10.72	-4.50	13.90	5.10	6.06	25.70	-30.62
17	-1.60	-4.69	-5.04	11.70	-3.79	13.78	5.50	14.25	39.88	-13.15
18	0.00	-3.09	-12.21	11.67	0.00	13.10	5.91	22.45	47.27	0.70
19	1.90	3.91	-12.49	10.64	3.50	10.44	7.93	27.57	51.54	14.56
20	2.80	7.94	-12.63	8.04	4.81	7.79	9.95	30.44	51.73	27.43
21	4.10	10.64	-13.91	6.98	6.01	-0.40	12.27	29.71	47.14	35.28
22	5.80	12.19	-9.60	-0.50	7.81	-3.73	14.50	26.61	40.26	34.64
23	7.80	11.85	-3.89	-3.92	8.91	-12.72	14.40	20.07	26.06	23.11
24	9.80	10.24	-2.30	-8.60	9.50	-16.51	12.21	9.20	-3.77	7.55
25	9.79	7.56	0.50	-8.50	9.50	-21.66	9.46	-1.20	-26.13	-17.63
26	4.99	4.49	0.80	-5.58	9.50	-23.10	2.20	-14.56	-42.36	-22.75
27	3.19	1.90	0.30	-3.29	9.17	-22.93	-2.51	-24.71	-50.96	-26.67
28	-0.00	-1.90	-1.71	0.00	7.72	-20.98	10.30	-28.50	-49.64	-27.79
29	-0.30	-5.41	-10.08	6.52	1.90	-14.65	-14.83	-30.40	-44.96	-24.65
30	-1.90	-7.63	-13.81	8.45	-0.60	-5.46	-17.54	-29.42	-36.11	-17.31
31	-1.90	-10.34	-16.20	11.40	-3.91	0.00	-18.09	-23.99	-20.95	-11.34
32	-2.10	-11.89	-16.43	11.45	-6.23	9.14	-17.69	-15.71	-21.09	1.00
33	-3.30	-11.45	-15.13	9.64	-10.26	11.41	-13.12	-7.04	11.55	9.82
34	-3.20	-9.61	-11.65	6.63	-8.28	11.76	-5.77	-1.60	20.42	20.85
35	-3.19	-5.28	-9.77	-0.50	-6.98	10.25	-1.80	7.53	26.00	28.08
36	2.00	-1.90	-4.19	-3.21	-5.49	8.37	3.81	18.18	36.52	27.58
37	1.60	0.00	6.02	-7.21	-3.80	-6.18	7.02	23.93	48.25	19.16
38	0.40	6.43	8.43	-8.42	-2.20	-6.18	9.11	23.20	45.56	24.73
39	0.	9.33	10.43	-9.70	-2.20	-15.34	9.90	18.42	48.20	6.22
40	-0.00	10.73	12.64	-9.70	-2.20	-17.90	9.90	18.42	42.91	-5.34
41	-1.20	11.92	13.78	-9.70	-2.20	-17.74	9.86	9.57	32.12	-18.89
42	-2.20	12.38	13.57	-9.67	-2.20	-15.10	7.83	-1.71	19.44	-28.94
43	-4.73	11.86	12.50	-8.20	-2.20	-7.25	2.70	-11.99	8.59	-31.39
44	-10.03	10.28	9.41	-7.88	0.00	-3.29	-2.20	-13.65	-4.05	-28.84
45	-11.32	4.56	0.50	-6.69	5.12	-0.10	-2.20	-15.37	-18.60	-24.22
46	-11.86	-1.90	-2.71	-5.29	4.82	-9.20	-2.20	-9.86	-28.80	-13.07
47	-10.32	-8.40	-9.92	-5.40	10.58	9.47	-2.20	-3.38	-30.94	-1.99
48	-7.06	-15.24	-10.64	-1.70	13.70	12.89	-2.10	4.63	-29.45	8.60
49	-3.79	-18.03	-8.36	0.40	13.63	15.20	-2.20	10.74	-23.81	21.61
50	-2.10	-18.18	-5.98	4.41	11.84	15.04	-2.10	16.37	-10.45	32.59

NO.	( 1400)	( 1350)	( 1300)	( 1250)	( 1200)	( 1150)	( 1100)	( 1050)	( 1000)	( 950)	( 900)	( 850)	( 800)	( 750)	( 700)	( 650)	( 600)	( 550)	( 500)	( 450)	( 400)	( 350)	( 300)	( 250)	( 200)	( 150)	( 100)	( 50)
1	33.90	-13.90	-2.46	46.67	-30.56	-26.56	76.20	35.82	-76.41	82.20																		
2	33.42	-13.82	0.00	47.90	-16.63	-12.50	62.99	7.17	-79.68	68.51																		
3	29.60	-11.84	12.22	42.66	-8.27	1.41	36.88	-31.98	-79.96	35.91																		
4	18.65	-9.81	22.50	29.00	11.67	23.74	5.81	-55.25	-72.62	3.30																		
5	-0.00	-5.38	28.81	9.26	25.21	41.88	-6.07	-69.89	-52.56	-32.76																		
6	-12.06	-2.00	27.13	-12.68	38.63	28.20	26.12	-79.59	-29.44	-53.42																		
7	-28.27	0.00	21.45	-27.97	49.85	69.90	27.40	-74.92	0.00	-72.11																		
8	-51.59	1.60	7.77	-42.26	25.87	69.55	26.45	-59.27	-79.83	-79.83																		
9	-30.76	1.80	-1.91	35.29	31.65	51.65	20.94	-44.37	43.34	-79.91																		
10	-23.22	1.80	-16.63	-33.80	37.87	37.87	19.37	-29.16	72.96	-72.96																		
11	-18.03	1.80	-29.83	-33.99	40.50	9.53	19.92	-11.25	83.55	-57.00																		
12	-12.79	1.80	-38.53	-46.31	25.02	-8.20	17.90	10.20	89.68	-44.07																		
13	-4.69	1.80	-40.60	-52.09	7.72	-50.95	-17.77	24.87	89.64	-30.97																		
14	-3.08	1.70	-40.90	-13.35	-6.11	-47.83	-15.66	39.90	84.57	-9.57																		
15	3.35	-1.00	-62.95	0.00	-31.87	-94.43	11.00	47.34	65.87	15.01																		
16	9.81	-3.62	-26.09	21.19	46.04	-32.91	0.00	46.63	27.58	52.80																		
17	10.19	-9.97	-15.17	35.81	-58.20	-69.25	3.92	41.41	-10.64	77.12																		
18	9.79	-13.30	-6.67	41.89	-56.22	-57.27	10.43	34.15	-43.19	88.29																		
19	9.26	-13.30	7.23	41.82	-49.27	-21.00	24.73	28.82	-71.72	101.25																		
20	6.94	-12.94	9.57	37.15	-57.59	-33.10	31.59	10.82	-107.61	107.54																		
21	1.40	-3.48	16.00	27.72	-25.75	-12.78	32.35	3.89	-107.31	102.24																		
22	-1.10	5.93	12.94	9.59	-13.26	14.04	32.12	1.60	-102.76	90.77																		
23	-6.62	10.15	11.63	-2.46	0.00	32.31	25.35	1.80	-96.91	64.49																		
24	-11.81	21.80	8.95	-30.81	26.21	37.12	20.40	2.30	-75.32	27.25																		
25	-13.62	28.92	5.81	-47.46	63.21	69.42	5.82	2.50	-53.72	40.24																		
26	-20.56	33.99	7.33	-62.07	63.42	87.45	-5.58	1.90	-29.52	-29.52																		
27	-27.14	35.36	9.82	-67.83	28.58	95.36	-17.97	-3.02	0.00	-28.41																		
28	-27.37	32.55	20.44	-64.12	13.49	95.31	25.26	-11.91	31.47	-63.13																		
29	-23.90	20.76	23.90	-30.17	3.58	32.13	-33.28	-20.10	59.13	-58.07																		
30	-14.90	9.62	23.90	-33.88	-3.96	58.01	39.07	-37.53	74.01	-50.42																		
31	-6.75	-3.97	25.62	-16.59	-22.54	46.14	45.29	-48.96	78.41	-40.79																		
32	9.53	-25.88	20.57	-15.42	22.91	22.91	54.98	-60.91	81.46	-29.03																		
33	16.88	-38.50	20.66	7.33	-21.84	-10.52	59.25	-60.55	69.34	-15.54																		
34	31.78	-42.16	13.76	9.94	-11.61	-42.43	59.85	-53.05	40.22	2.41																		
35	33.73	-43.11	10.15	12.02	-1.89	-73.88	56.80	-45.18	11.27	10.43																		
36	30.85	-38.10	11.84	16.12	10.62	-130.33	49.56	-32.33	-42.62	15.91																		
37	20.58	-27.86	9.90	20.25	38.29	-134.23	38.81	-12.75	-45.36	17.77																		
38	7.77	-17.75	9.69	25.18	45.68	-131.72	26.24	8.71	-70.65	17.37																		
39	-1.91	-13.00	9.18	36.28	47.90	-32.45	16.90	28.24	-77.05	16.89																		
40	-13.65	-1.59	7.85	39.66	46.86	-73.13	41.65	41.65	-73.32	15.23																		
41	-17.75	7.65	3.39	43.44	37.28	-30.00	14.29	53.65	-59.25	15.92																		
42	-23.90	11.78	-0.00	47.45	18.05	-27.18	44.10	62.45	-40.11	16.25																		
43	-26.57	11.06	-1.90	45.88	-1.91	5.40	73.99	63.85	-18.03	17.03																		
44	-20.80	3.84	-3.20	38.48	25.61	96.13	96.13	62.72	2.12	17.25																		
45	-17.73	-1.91	-3.67	24.43	-46.58	37.85	104.06	54.59	19.07	15.43																		
46	-13.22	-12.35	7.85	5.84	-33.50	70.22	111.73	36.88	43.69	12.00																		
47	-7.93	-24.94	14.23	-14.65	-19.90	9.41	112.27	12.29	59.93	5.60																		
48	-7.93	-23.66	26.06	-30.05	-12.76	92.54	111.77	7.64	76.36	-22.14																		
49	-9.95	-21.26	30.33	-41.43	-59.10	93.90	92.79	-59.51	86.14	-46.10																		
50	-12.25	-14.83	40.64	-40.40	-43.22	36.60	64.30	-63.98	88.75	-55.83																		

RECORD=S-236  
DATE AND TIME=1968.05.16.09.49

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

STATION=MIYAKO-S  
TOTAL NUMBER OF DATA=11400

RECORDS=236	COMPONENT=N+S	SIGNAL=GR,ACC.	CORRECTION=ARC,ERR,	STATION=MIYAKO-S					
DATE AND TIME=1968.05.16.09.49	SAMPLING INTERVAL= 0.030(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=11400						
NO.	( 1500)	( 1600)	( 1700)	( 1750)	( 1800)	( 1850)	( 1900)	( 1950)	
1	-64.35	-100.65	-2.11	11.20	-36.57	82.83	20.69	-22.97	53.65
2	-62.00	-87.44	-12.60	3.85	-21.41	77.99	7.17	-5.97	56.20
3	-54.15	-72.71	-18.94	10.04	-2.28	66.22	-3.96	-1.69	56.00
4	-37.59	-54.58	-28.07	-16.63	12.67	48.89	-23.96	12.23	54.59
5	-16.84	-32.77	-29.88	-21.95	27.15	29.39	-39.80	23.13	48.77
6	0.00	-5.73	-29.11	-21.94	56.76	-5.75	-45.49	31.72	35.29
7	15.69	29.80	-25.46	-17.58	37.51	13.72	-46.09	31.00	14.05
8	20.59	24.59	-41.50	-12.81	32.85	32.07	-40.44	27.22	-12.87
9	70.01	21.41	-17.50	-4.98	21.28	52.83	-29.30	23.17	-43.62
10	72.29	92.24	-11.57	-0.50	6.03	65.10	-9.43	18.20	-65.45
11	69.32	7.87	-3.86	5.91	-13.73	65.90	8.44	-14.91	81.12
12	43.72	88.97	7.80	7.90	-22.41	64.14	23.99	-14.52	88.57
13	14.10	77.88	15.52	7.80	-30.06	63.13	32.60	-27.57	-87.38
14	-7.85	63.36	21.77	0.10	-33.90	54.31	38.54	-29.21	-78.30
15	-65.84	34.41	26.49	-5.94	-32.58	41.77	39.11	-25.83	-65.09
16	-60.57	11.62	29.40	-11.09	-26.57	25.68	36.53	-13.50	-44.54
17	-78.84	19.47	-37.45	-14.47	-17.28	3.55	30.11	-23.37	-23.37
18	-79.84	23.97	-55.61	-13.57	-5.24	-13.94	17.00	3.92	-6.23
19	-70.99	25.50	-56.32	13.19	3.45	29.97	-0.00	9.90	13.85
20	-49.85	22.52	-48.39	-1.92	-2.29	40.26	-16.19	9.89	38.66
21	-27.84	17.35	-67.12	-28.07	4.32	44.30	-26.86	7.77	64.53
22	-9.16	0.40	-46.58	9.97	43.21	44.30	32.06	7.77	79.41
23	16.73	-6.29	-64.32	13.68	33.65	-42.63	-30.76	5.18	87.90
24	46.25	-28.66	-77.63	18.02	37.70	-37.87	-25.35	1.10	87.90
25	61.52	-46.71	-81.90	19.68	37.97	-31.96	-18.97	-1.90	87.90
26	71.10	-55.76	-80.09	19.11	36.05	26.09	-13.86	-1.90	87.84
27	70.26	-55.51	-72.20	15.20	20.13	-15.59	-12.10	0.00	40.74
28	59.54	-52.05	-54.09	5.72	39.02	-7.72	-12.09	4.11	12.10
29	64.84	-42.36	-57.28	-5.09	23.43	-1.90	-11.58	5.90	-17.14
30	1.96	-27.80	-6.02	-18.91	6.20	3.91	-7.46	6.20	-44.04
31	-66.11	-11.81	1.92	-38.80	-6.12	7.98	-3.89	6.20	-64.58
32	-52.27	3.23	23.37	-34.31	-34.70	13.99	0.00	6.04	-77.76
33	-67.26	15.83	88.75	-00.85	-34.22	18.37	0.00	6.04	-76.54
34	-76.51	48.42	54.36	-25.78	-58.11	17.99	5.93	-1.10	-76.54
35	-72.29	63.82	-63.56	-12.95	-72.85	17.77	10.08	-9.33	-70.69
36	-57.00	76.97	61.13	1.20	-56.00	15.70	14.06	-16.97	-55.83
37	-42.58	83.06	-56.96	14.46	-55.16	10.10	17.48	-50.46	-36.53
38	-29.58	83.90	-48.82	31.07	-36.31	1.30	15.70	-40.62	-13.23
39	-18.61	85.51	-68.62	18.20	-11.321	-5.94	-43.64	-40.62	0.30
40	-4.46	77.73	-21.60	-1.91	17.31	10.52	-13.85	-41.55	12.99
41	5.63	66.52	8.21	-18.55	50.49	41.28	-7.04	-36.34	30.84
42	10.53	44.12	-24.95	42.86	50.94	-1.60	-28.90	-28.90	45.40
43	16.34	14.72	-21.26	27.48	30.44	4.12	-13.55	-13.55	52.19
44	21.96	7.24	-40.40	-14.92	36.58	10.43	-3.86	-4.93	54.60
45	22.25	-30.27	47.69	-23.82	35.79	20.38	-14.94	7.74	52.74
46	19.84	-49.47	50.10	-0.20	27.45	17.17	-27.64	11.28	46.73
47	16.47	-66.28	48.59	8.75	34.52	34.55	-31.43	18.23	35.39
48	7.91	-91.55	41.98	-66.86	17.85	37.90	-37.19	28.56	18.27
49	1.60	-105.49	30.23	-62.64	-36.71	37.63	-37.05	41.82	-0.00
50	2.31	-106.66	13.40	-50.63	-57.12	33.34	-33.53	48.77	-19.88

RECORD=S-236 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=HIYAKO-S TOTAL NUMBER OF DATA=11400  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=301

NO.	( 2000)	( 2050)	( 2100)	( 2150)	( 2200)	( 2250)	( 2300)	( 2350)	( 2400)	( 2450)
1	-50.22	20.22	44.88	24.44	8.05	27.90	14.81	-21.69	-0.00	-18.85
2	-35.84	19.48	-35.04	29.50	18.83	27.04	-5.50	-38.64	-38.64	-30.71
3	-50.83	20.69	24.59	28.44	23.95	26.28	22.54	41.04	-52.85	-35.23
4	-24.78	25.08	-12.19	22.21	32.79	23.51	35.42	60.67	-64.73	-38.77
5	-17.52	35.51	-1.99	12.02	36.91	20.94	47.11	79.12	-63.97	-36.55
6	-17.30	41.03	11.41	0.30	42.09	9.85	53.21	89.08	-46.54	-50.43
7	-9.94	44.57	26.26	5.24	43.28	-1.71	54.53	85.72	-26.60	-24.52
8	-7.07	39.59	35.24	-12.71	40.37	-14.24	55.179	71.15	-6.29	-18.45
9	-3.99	27.47	40.33	-15.77	32.46	-27.73	42.80	45.99	5.99	7.40
10	0.00	35.36	-16.94	-16.94	21.54	-39.03	29.02	20.62	18.92	1.40
11	6.05	-26.40	37.87	-15.77	8.62	-45.00	12.61	-6.30	33.28	9.25
12	16.96	40.82	66.15	-9.73	-2.52	-48.20	10.18	37.08	37.08	17.28
13	26.90	-63.80	28.33	-1.69	-15.77	-44.69	28.95	61.27	33.69	22.14
14	35.49	-68.28	10.03	7.62	-30.90	-36.41	44.24	52.65	26.31	30.29
15	41.99	-73.69	-1.30	16.98	-45.93	-24.37	50.15	-53.51	17.05	39.36
16	45.60	-65.02	-14.55	-14.47	-52.41	-13.71	56.28	-25.21	4.66	48.69
17	45.00	-44.44	-23.02	23.00	-53.28	9.44	58.60	18.66	-4.83	45.97
18	39.78	-21.97	-33.62	22.95	-43.28	22.90	57.00	31.11	-10.28	45.04
19	27.29	1.31	-41.28	17.97	-27.28	34.25	49.98	38.57	-17.82	38.72
20	7.84	25.92	-43.70	9.51	-13.23	34.98	37.96	36.16	-17.64	27.13
21	-0.95	42.18	-42.04	-70.00	1.49	31.47	22.16	29.84	-11.18	15.55
22	-18.14	56.44	-35.89	-5.96	13.10	25.21	5.20	24.61	-8.68	0.80
23	-23.19	58.36	-27.62	-14.84	21.58	8.70	11.41	13.94	5.38	21.02
24	-16.92	52.06	-24.35	-21.96	28.78	2.49	35.15	7.85	18.74	-37.66
25	-3.95	37.39	-14.03	-24.24	29.49	-6.79	40.49	3.97	31.03	-51.82
26	9.50	15.90	-3.49	-24.09	28.01	-16.10	44.51	-3.51	40.39	-52.10
27	25.51	-6.12	1.71	-20.90	21.63	-20.71	50.44	-6.51	42.80	-46.39
28	38.43	-32.25	10.63	-17.82	8.73	-15.20	51.62	-7.90	42.45	-35.28
29	47.58	-45.35	20.49	-14.83	-1.50	-2.29	45.95	-7.80	37.78	-17.55
30	52.54	-51.83	20.83	-9.88	-11.43	8.05	42.81	-7.80	25.28	-5.80
31	53.15	-50.84	29.31	-3.28	-16.36	14.95	42.95	-7.80	5.69	7.34
32	50.70	-40.50	29.78	6.94	-23.67	13.69	1.21	-7.91	-9.17	20.48
33	43.40	-23.56	29.70	10.67	-25.73	15.27	17.92	-17.09	-34.57	34.65
34	30.00	-11.10	29.37	17.47	-25.51	7.36	25.80	-30.79	-48.75	43.48
35	10.87	12.31	27.90	18.43	-22.80	-4.65	45.69	-36.51	-57.05	45.89
36	-8.40	26.02	26.39	18.75	-20.25	-16.25	61.65	-42.50	-58.00	48.26
37	-34.60	37.08	17.15	18.03	-18.66	-28.45	74.60	-40.67	-56.24	46.57
38	-20.92	41.85	6.19	15.50	-18.18	-36.34	76.62	-32.64	-45.38	41.44
39	-60.75	44.59	-6.40	9.70	-19.08	-36.33	70.67	-20.61	-31.07	37.11
40	-69.82	40.81	-18.84	0.20	-17.59	-33.34	49.20	-7.17	-19.66	28.98
41	-67.93	33.76	-33.78	-15.88	-24.70	-24.70	29.32	3.85	-6.37	18.26
42	-57.71	27.42	-43.22	-16.33	-11.84	-11.09	14.19	18.63	7.65	7.94
43	-41.34	18.40	-44.23	-25.26	-3.68	0.20	133.53	32.70	19.94	2.78
44	-25.81	7.06	-41.04	-29.61	2.81	22.01	45.72	45.95	33.05	-10.75
45	-13.17	-5.16	-35.59	-30.37	8.46	34.42	71.50	53.15	41.26	-33.71
46	0.00	-19.69	-24.10	-28.48	12.64	39.02	83.09	54.70	43.00	-49.64
47	11.75	-40.43	-11.07	-24.95	19.79	40.00	78.13	53.50	39.25	-57.50
48	20.08	-47.62	-4.06	-17.81	24.50	39.40	71.56	42.75	29.14	-58.43
49	24.00	-50.25	8.06	-12.08	27.26	36.71	57.76	25.92	16.69	-51.19
50	21.86	-50.04	19.47	-2.29	27.62	27.62	41.63	7.60	2.86	-39.91

RECORD=S-236 COMPONENT=N-S SIGNAL=GR-AUG. CURVECTION=ARC-EPR. STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=1400

NO.	( 2500)	( 2550)	( 2600)	( 2650)	( 2700)	( 2750)	( 2800)	( 2850)	( 2900)	( 2950)
1	-22.74	28.03	19.29	11.49	15.66	50.72	3.21	-3.58	-10.31	-7.27
2	-6.29	17.59	28.80	18.62	5.56	3.24	9.14	2.41	-53.00	-4.36
3	17.31	5.13	31.10	22.40	-0.90	-22.96	17.21	7.39	-69.49	5.73
4	32.27	-6.59	30.56	21.89	1.20	-29.62	29.65	15.05	-79.10	10.52
5	48.17	-16.44	24.95	16.84	0.90	-58.60	40.54	20.12	-77.57	15.45
6	58.22	-20.52	4.94	9.65	3.40	-57.53	43.20	21.26	-70.41	16.42
7	57.43	-22.70	-6.96	6.27	3.20	-55.69	42.66	19.82	-59.98	16.74
8	48.90	-22.70	-23.23	3.00	3.40	-57.03	38.52	17.71	-48.14	17.41
9	64.77	-22.28	-34.94	2.80	3.68	-44.04	29.10	16.05	-32.96	16.95
10	12.91	-18.05	-53.04	2.02	-2.91	-28.52	17.40	8.37	-12.45	8.55
11	2.66	-18.39	-50.02	8.52	-7.94	-16.55	6.09	6.19	10.11	4.08
12	-23.70	-3.48	-41.85	16.86	-17.99	-6.29	-7.71	4.70	33.39	-2.61
13	-39.07	3.21	-31.24	19.59	-25.11	6.51	24.53	4.81	46.76	-7.86
14	-11.79	5.63	-18.18	30.78	-35.48	20.10	37.49	6.01	54.73	-19.76
15	-56.05	9.28	4.06	45.05	-46.59	58.59	-85.24	7.81	59.00	-26.19
16	-50.97	8.27	23.86	17.84	-49.60	48.60	-45.68	8.95	60.00	-28.88
17	-41.74	5.95	56.45	6.66	-46.56	36.05	-39.98	11.57	56.46	-66.35
18	-50.19	-1.10	75.19	2.09	-38.58	37.20	-39.27	13.94	53.40	-45.71
19	-17.45	-2.10	70.58	-8.72	-25.21	32.27	16.60	14.87	43.39	-48.20
20	-2.45	-2.10	79.10	-23.21	-5.42	41.80	3.64	16.29	28.96	-46.40
21	18.77	0.00	79.88	-55.67	7.05	28.50	18.53	16.10	18.92	-39.62
22	29.95	1.00	74.36	-35.25	22.07	17.33	31.41	16.10	12.82	-26.89
23	37.21	2.90	59.53	-28.18	56.53	6.29	42.56	16.06	5.05	-7.99
24	40.10	5.45	35.52	-18.08	53.20	-5.89	42.49	15.08	-3.32	6.41
25	37.04	13.16	3.73	-6.20	66.68	-17.54	36.40	10.61	-9.92	18.45
26	27.57	17.38	-35.17	5.79	71.11	-21.66	28.02	6.75	-21.03	38.91
27	19.92	16.99	-56.08	19.05	69.96	-28.99	18.04	1.20	-54.22	45.53
28	6.01	19.77	-72.02	35.16	68.77	-32.19	6.69	-7.13	-42.88	48.55
29	-9.13	18.27	-80.54	43.20	51.60	-35.93	-4.33	-19.57	-44.36	46.00
30	-11.19	16.04	-83.87	42.96	26.96	-41.20	-11.64	-30.87	-40.71	42.39
31	-17.99	6.56	-71.72	68.49	-11.01	-40.60	-12.89	-34.44	-35.19	54.39
32	-17.90	2.59	-48.80	27.65	-43.43	-37.15	-7.06	-37.23	-26.17	17.70
33	-17.85	-3.90	-25.59	13.65	-59.77	-29.55	-3.68	-35.92	-7.93	5.54
34	-18.80	-6.78	-1.19	-29.95	-74.89	-19.88	3.90	-29.91	3.94	-3.11
35	-16.90	2.30	19.89	-49.93	-78.50	-10.02	5.27	-19.22	16.15	-8.62
36	-18.47	4.21	42.47	-59.14	-76.50	-6.12	17.24	-8.97	-15.75	-15.75
37	-19.30	6.41	51.21	-48.72	-68.10	3.64	22.18	-8.97	-16.65	-15.75
38	-19.30	7.00	61.22	-48.40	-57.66	16.81	21.72	3.84	23.96	-15.75
39	-16.67	6.96	58.96	-43.95	-43.95	16.87	18.95	14.93	24.41	-15.54
40	-9.93	2.89	49.20	-34.98	-26.18	28.65	15.32	20.71	24.25	-10.76
41	-6.51	-4.91	32.14	-20.05	-6.74	29.39	4.55	34.98	22.06	-8.97
42	2.91	-7.61	16.02	-20.98	8.72	26.62	-6.25	45.78	18.02	-1.50
43	-16.06	3.33	4.15	34.62	18.02	16.52	-6.25	54.25	13.88	-1.50
44	17.28	-18.80	18.79	20.64	5.52	16.52	62.47	6.56	6.56	-1.50
45	27.69	-18.80	-18.28	29.02	68.22	-6.83	-20.58	65.72	2.19	-3.70
46	32.60	-18.55	-20.74	53.17	80.66	-20.18	26.58	65.90	-4.51	-4.10
47	39.57	-15.04	-21.68	66.00	82.85	-24.99	27.27	66.09	-7.72	-4.10
48	40.55	-17.16	-17.16	54.54	79.51	-23.13	-25.21	57.77	-9.67	-3.79
49	39.60	5.25	-0.40	28.91	70.61	-18.85	18.55	46.88	-13.05	0.60
50	36.67	14.39	4.23	21.91	52.24	-8.21	-9.20	32.52	-14.27	2.70
								13.05	-13.45	

RECORD=S-236 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ARG.ERR, STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11400

NO.	( 3000)	( 3050)	( 3100)	( 3150)	( 3200)	( 3250)	( 3300)	( 3350)	( 3400)	( 3450)
1	2.70	-18.84	34.37	-7.55	-39.67	-15.67	47.36	16.08	20.61	28.20
2	2.09	9.40	31.33	-20.10	-32.24	-16.96	47.38	19.43	20.57	28.97
3	-4.11	5.48	27.04	-29.03	-19.72	-15.87	47.38	22.10	19.07	20.99
4	-7.62	18.61	15.23	-31.13	-8.96	-8.33	5.85	22.76	15.93	18.79
5	-9.13	30.74	4.45	-26.70	4.46	-3.47	13.48	20.58	7.85	15.82
6	-10.81	39.43	0.44	-17.52	18.91	6.30	29.58	17.84	3.97	9.17
7	-11.01	39.17	-4.11	-4.11	33.55	22.24	44.73	10.10	-5.02	7.38
8	-7.47	35.59	18.17	17.82	43.51	17.85	54.71	1.10	-8.04	5.67
9	-5.18	26.29	29.33	29.33	44.70	21.05	60.44	-8.79	-17.93	1.00
10	-1.90	16.31	17.89	38.84	38.00	17.93	60.66	-21.00	-21.00	-5.21
11	2.20	2.19	17.61	40.89	21.59	13.13	58.99	-33.19	-20.88	-7.63
12	5.02	8.19	16.21	38.26	-8.32	3.66	56.91	-34.02	-19.39	-17.72
13	8.84	-14.14	12.91	30.36	-24.00	-8.84	48.82	-34.50	-15.62	-17.93
14	17.37	-12.56	24.04	24.04	-39.67	-24.03	31.74	-32.58	-10.40	32.58
15	14.73	-8.56	17.89	4.73	-48.51	-38.18	4.52	-32.27	-6.34	38.53
16	18.82	-6.22	1.25	-9.15	-42.90	-44.12	14.03	-15.46	0.20	36.55
17	16.03	3.61	13.01	-32.33	-30.18	-39.49	-41.88	-5.64	5.21	30.38
18	6.28	7.18	18.69	-34.35	-18.00	-31.85	50.99	3.21	6.49	19.72
19	-6.88	14.05	19.94	-27.81	-5.04	-20.48	55.23	9.99	5.18	-4.30
20	-14.87	15.20	21.65	-17.68	5.98	-6.57	53.55	14.44	1.90	18.02
21	-18.50	13.05	20.10	-1.99	17.67	7.15	43.46	17.56	-3.20	27.47
22	-22.02	6.35	24.11	9.19	32.99	20.85	28.98	20.10	-3.20	36.67
23	-30.39	0.30	25.66	20.17	39.43	33.10	17.71	23.31	-3.09	43.73
24	-33.35	7.84	26.00	31.16	41.50	48.21	-4.40	23.20	0.60	44.50
25	-36.04	-11.10	25.87	35.20	40.21	33.75	17.64	25.19	3.00	38.97
26	-34.22	-11.11	24.00	33.01	35.73	54.48	32.66	25.68	5.04	26.20
27	-29.63	-7.65	19.82	24.02	25.26	53.83	40.47	19.07	13.08	14.83
28	-20.78	4.24	7.43	10.73	13.16	42.01	40.40	16.40	18.09	1.79
29	-13.21	15.47	1.20	-6.94	-6.84	26.04	39.66	16.40	20.98	-16.88
30	-5.92	19.31	-8.04	-21.44	-21.44	14.76	33.31	16.40	24.46	-21.50
31	4.76	27.58	-19.09	-36.30	-30.23	2.19	17.86	15.96	23.10	-24.16
32	17.00	28.68	-32.57	-44.09	-31.60	-12.04	5.67	7.75	19.86	-23.22
33	23.94	29.52	-37.69	-44.00	-29.67	-23.26	1.10	4.26	18.13	-7.34
34	31.63	27.86	-41.25	-38.81	-20.93	-29.60	10.51	-5.93	15.37	-7.86
35	40.19	18.25	-39.01	-27.41	-8.48	-24.83	19.89	-10.29	5.82	-5.00
36	48.61	5.03	-32.66	-14.88	4.87	-18.63	28.30	-18.85	-5.93	12.34
37	52.66	-7.63	-26.81	4.05	18.74	-8.58	27.71	-24.40	-10.43	16.62
38	52.23	-18.60	-17.07	17.41	28.43	-1.29	24.19	-24.68	-20.87	17.00
39	30.39	-30.39	-7.56	18.42	31.90	18.29	20.25	-21.58	-29.55	16.43
40	36.38	-36.92	3.74	32.61	30.24	30.24	16.14	-18.47	-31.12	7.25
41	27.19	-44.40	18.13	43.22	30.29	32.98	-8.34	-15.30	-30.64	3.18
42	19.63	-40.76	27.78	47.50	25.94	29.85	-4.49	-9.48	-27.34	-5.62
43	6.90	-30.66	35.45	46.82	16.77	20.88	-1.80	-3.18	-21.58	-9.11
44	-11.54	-19.92	39.18	39.68	7.16	13.01	-0.70	5.82	-18.84	-9.82
45	-24.05	-6.58	44.05	5.48	-9.73	8.91	0.20	8.91	-9.62	-5.95
46	-32.61	5.88	46.10	17.00	-3.21	-22.28	0.20	15.37	-5.44	-3.35
47	-41.99	17.13	44.94	-3.72	-5.61	-38.21	4.00	18.49	4.21	15.31
48	-40.32	28.46	38.14	-20.53	-6.75	-52.21	4.10	18.41	7.81	22.03
49	-33.25	33.11	24.07	-33.29	-11.92	-56.17	3.91	18.66	16.17	29.08
50	-24.73	37.17	4.74	-33.71	-12.80	-38.85	6.49	20.60	19.43	28.67

RECORDS=236 COMPONENT=N=5 SIGNAL=GR.ADC. CURRECTION=ARC.ERR. STATION=HIYAKO=S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11400

NO.	( 0500 )	( 0550 )	( 3000 )	( 0650 )	( 0700 )	( 0750 )	( 3800 )	( 3850 )	( 3900 )	( 3950 )
1	24.80	17.78	24.19	1.00	1.50	21.72	19.79	40.79	3.91	7.50
2	10.13	15.75	-7.36	0.	4.31	18.14	17.70	38.95	7.51	7.89
3	-5.69	-9.57	-22.05	0.00	5.94	15.40	20.63	32.93	17.21	3.46
4	-18.56	-7.74	35.05	1.90	10.61	4.35	22.23	-27.84	33.54	5.79
5	-25.11	4.10	-39.85	5.71	11.06	-7.54	24.82	-18.04	42.28	-18.42
6	-50.62	5.27	-43.96	7.05	9.53	-18.93	23.16	-9.19	48.89	-28.00
7	-28.85	16.28	-10.01	11.54	6.11	-25.01	19.59	-2.98	45.19	-30.36
8	-19.76	19.46	-29.88	16.64	-4.62	-22.75	16.69	8.74	45.19	-30.36
9	-11.61	22.53	-17.66	20.40	-9.92	-19.08	17.17	17.26	43.33	-27.91
10	1.90	23.59	-7.48	20.02	-20.74	-9.27	4.04	21.10	35.18	-17.93
11	7.10	23.42	2.31	15.68	-32.10	2.51	16.11	20.66	16.58	-7.53
12	19.99	22.08	11.93	9.87	-40.60	9.69	22.18	15.69	3.85	6.00
13	17.50	15.26	20.19	5.87	40.87	14.94	31.85	4.94	-10.66	19.11
14	17.40	3.48	31.05	-5.76	-57.16	15.04	40.50	-6.18	-33.81	32.58
15	15.50	-5.99	41.41	-13.70	-60.45	9.82	42.26	-16.32	43.47	45.51
16	6.45	-18.48	50.79	-18.46	-20.15	6.03	43.00	-20.04	-44.08	49.40
17	1.40	-27.06	53.48	-19.08	-9.14	-3.31	42.13	-21.60	-40.15	44.47
18	-2.20	-35.88	52.54	-17.24	4.55	-9.42	36.97	-22.21	-32.60	35.14
19	-2.20	43.67	42.20	-10.49	16.70	-15.53	26.46	-18.85	-20.83	25.41
20	-0.40	-47.78	28.16	-5.89	28.69	-16.11	16.07	-18.56	-6.22	12.03
21	3.91	-48.80	13.19	-4.28	35.85	-15.86	3.86	1.81	3.62	0.70
22	7.02	-47.37	-10.47	0.20	40.69	-9.85	-8.17	9.93	12.34	-21.99
23	9.23	-43.82	32.31	3.80	41.17	-7.17	13.29	13.29	13.29	-32.58
24	10.99	-34.73	-47.00	4.70	36.54	3.83	-25.49	32.54	10.33	-40.53
25	10.54	-16.88	-48.64	4.19	24.50	14.98	-24.93	39.63	7.15	-37.88
26	8.14	-4.58	-40.98	2.20	7.41	22.80	-21.67	39.80	2.60	-27.44
27	3.87	21.08	-27.78	-0.00	-7.66	25.94	19.39	36.14	-0.70	-16.27
28	-5.17	50.25	-15.46	-4.40	-21.22	26.42	16.65	26.26	0.00	-4.45
29	-17.99	64.68	-5.61	-4.50	-32.12	27.05	11.07	13.53	5.13	6.56
30	-22.87	66.26	7.87	-4.49	-44.60	27.00	-6.27	-6.00	10.86	13.47
31	-31.48	68.21	20.85	-1.40	-31.41	25.20	-2.29	-20.22	13.16	18.36
32	-35.23	65.20	32.14	0.20	-19.96	23.07	3.00	-35.66	14.62	28.73
33	-34.83	46.21	41.21	1.80	-8.90	16.12	5.20	-45.40	15.00	32.85
34	-30.38	26.52	49.54	1.80	6.29	4.92	4.92	-45.78	14.99	32.60
35	-20.77	11.44	42.89	2.50	7.71	-5.89	8.16	-40.01	14.65	30.81
36	-15.97	-23.22	34.14	2.50	16.04	-17.47	12.51	-29.81	13.66	23.08
37	-6.91	-38.43	16.60	3.40	-21.45	-21.45	15.88	-16.54	12.75	5.70
38	2.11	-55.12	-6.55	3.90	21.89	-22.28	19.43	4.55	11.26	-7.67
39	8.41	-60.20	-23.47	3.40	18.92	-17.28	23.30	16.01	9.78	-21.58
40	16.09	-58.04	-33.82	3.00	15.03	-8.14	24.10	21.99	4.27	-61.87
41	23.57	-44.59	-37.64	1.20	5.81	2.71	24.09	27.61	-4.52	-37.87
42	30.71	-26.09	-32.82	1.60	-5.76	11.76	23.77	-9.56	-9.56	-37.11
43	33.31	-5.81	-25.80	1.20	-14.47	17.50	21.54	-17.65	-21.71	-32.25
44	32.61	6.71	-20.23	3.50	-18.24	24.97	15.89	15.56	-17.71	-26.99
45	31.60	18.66	-13.95	3.50	-18.22	27.40	5.43	-27.10	-27.10	-17.68
46	27.07	28.85	-6.04	1.90	-11.81	26.79	-5.89	-4.61	-26.06	-7.77
47	16.24	32.97	1.20	1.80	-5.62	22.77	-17.57	-19.19	-19.19	1.70
48	3.96	31.02	3.90	-0.70	16.93	16.93	-25.20	-9.80	-9.80	5.03
49	-7.81	24.99	3.90	-2.70	16.17	5.43	-32.69	-7.83	-5.05	11.23
50	-16.01	14.76	3.89	-1.70	20.92	-5.81	-38.03	-2.49	4.31	13.11

NO.	( 4000 )	( 4050 )	( 4100 )	( 4150 )	( 4200 )	( 4250 )	( 4300 )	( 4350 )	( 4400 )	( 4450 )
1	16.13	27.48	-7.80	51.40	-9.99	12.09	19.88	-3.84	23.95	5.91
2	18.39	15.31	-7.80	50.43	-19.56	18.56	20.50	16.11	3.87	7.87
3	18.31	4.37	-7.80	50.43	-54.85	28.49	20.50	37.43	5.93	5.89
4	18.47	3.51	-2.60	12.59	-58.94	30.62	20.06	53.16	-9.90	3.87
5	19.60	8.27	0.10	-8.66	-59.72	27.22	16.97	69.23	-9.62	-3.93
6	18.12	-13.86	1.40	-19.82	-56.50	22.86	8.94	79.31	-5.46	-12.15
7	18.59	-17.62	1.70	-30.23	-50.15	16.55	3.79	79.19	0.00	-20.46
8	18.26	-22.98	1.90	-52.65	-19.56	5.84	-0.60	72.25	3.30	29.23
9	17.54	-30.75	-1.60	-52.72	-7.06	-1.90	-5.70	53.25	6.19	28.60
10	14.96	-56.64	-5.73	-28.45	5.89	-7.92	-5.91	37.65	0.20	-22.39
11	10.19	-42.20	-9.69	-19.77	18.83	-9.20	-7.76	26.34	-5.22	-16.49
12	5.24	-40.69	-14.55	9.62	31.54	-9.20	12.20	7.57	-9.12	-5.87
13	-5.26	-35.52	-15.88	1.00	39.04	-3.88	12.20	17.22	-16.09	5.69
14	-10.19	-29.01	-12.88	8.54	41.40	1.20	12.05	39.53	-19.40	18.63
15	-22.27	-17.64	-6.70	18.26	40.22	3.91	-7.25	-54.22	-19.39	31.63
16	-35.06	5.80	5.91	29.15	35.77	5.93	-2.59	-67.82	-19.31	37.90
17	-45.18	8.31	8.01	35.52	27.97	9.94	3.91	-77.50	-18.64	37.22
18	-48.46	28.50	18.51	59.88	17.61	11.78	8.02	-75.63	-9.19	34.65
19	-40.79	56.86	28.56	41.29	4.16	11.11	8.71	-68.82	-3.18	30.59
20	-29.81	42.10	26.11	40.85	-7.52	7.90	15.22	-54.04	8.05	23.03
21	-18.86	42.02	25.52	38.88	-17.59	7.90	15.51	-39.02	18.89	5.80
22	-6.56	39.95	20.94	35.49	-24.48	7.87	13.68	-23.14	28.66	-8.14
23	7.80	33.98	16.78	24.89	-36.06	5.88	8.43	-8.86	37.50	-25.19
24	30.88	25.09	5.81	13.59	-42.25	3.18	3.95	7.81	41.20	-35.50
25	45.75	11.16	-2.71	3.76	-41.54	-3.91	8.49	32.42	39.19	-39.40
26	56.46	4.02	-7.73	-10.59	-37.16	-5.70	19.75	47.65	37.19	-32.58
27	62.97	-10.04	-9.83	-23.06	-28.56	-5.89	28.60	61.32	32.58	-22.25
28	63.97	-16.32	-6.35	-35.79	-17.72	-3.89	32.16	63.69	21.75	-15.46
29	64.00	-16.21	-1.20	-89.91	-4.55	0.00	-33.19	63.70	2.19	5.53
30	58.20	7.87	3.61	-40.57	5.99	3.21	31.02	59.27	-11.80	4.45
31	48.84	2.01	6.49	-37.42	18.60	7.53	20.60	51.98	-33.74	16.32
32	35.14	9.91	19.05	-27.95	30.78	9.60	4.04	37.27	-43.84	23.28
33	16.29	15.25	18.91	-16.87	44.88	9.60	4.04	37.27	-39.13	23.51
34	-6.02	18.23	22.72	5.88	57.10	9.57	16.52	-0.00	-30.68	20.56
35	-21.55	18.40	28.12	18.59	63.67	7.98	31.52	-18.53	-18.90	17.77
36	-37.53	15.71	18.28	28.53	64.00	6.49	43.89	-25.41	-7.06	15.34
37	-53.28	12.12	13.65	35.95	59.46	5.77	54.71	-36.54	5.89	5.06
38	-65.15	6.65	2.96	40.47	51.11	1.99	57.76	-40.75	20.09	-1.90
39	-59.88	1.00	-12.65	39.55	40.53	-3.92	56.54	-40.51	30.24	4.60
40	-50.67	6.34	-21.19	37.32	24.40	-8.61	47.86	-32.65	33.90	5.26
41	-56.63	-10.52	-31.95	34.65	-8.11	-15.21	33.03	-19.07	32.07	1.00
42	-18.53	-11.30	-37.74	28.64	-25.79	-15.50	12.22	-8.15	26.83	5.55
43	4.40	7.88	-35.89	20.20	-37.17	-17.50	21.16	1.91	21.51	13.17
44	18.32	6.40	-29.18	8.05	-46.54	-17.60	37.75	12.16	15.66	18.14
45	35.31	-5.90	-19.72	4.58	-48.02	-17.14	25.66	31.18	5.95	29.58
46	51.24	-9.21	-9.21	-0.00	-17.14	-1.36	67.74	-0.00	20.80	25.83
47	62.07	-5.60	-4.06	-1.00	-30.59	-7.00	39.40	31.90	-5.91	28.51
48	60.98	6.59	-5.70	6.59	-17.12	2.31	59.83	43.20	7.07	22.91
49	58.64	6.31	17.13	2.90	-4.66	7.48	43.91	-3.88	15.28	5.88
50	44.76	-7.21	28.42	66.45	5.95	14.13	24.47	34.96	1.90	3.76

RECORD=S-236  
DATE AND TIME=1968.05.16.09.49.  
COMPONENT=N-S  
SIGNAL=SR,ACC.  
CORRECTION=ARC,ERR.  
TOTAL NUMBER OF DATA=11400

STATION=HIYAKO=S  
TOTAL NUMBER OF DATA=11400

SAMPLING INTERVAL= 0.010(SEC)  
FORMAT NO.=501

RECORDS=236 COMPONENTRN=S SIGNAL=GR,ACC. CORRECTION=ARG.ERR. STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.030(SEC) FORMAT NO.#301 TOTAL NUMBER OF DATA=1140

NO.	( 4500 )	( 4550 )	( 4600 )	( 4650 )	( 4700 )	( 4750 )	( 4800 )	( 4850 )	( 4900 )	( 4950 )
1	-8.09	5.72	34.88	7.12	2.22	-20.79	3.21	29.90	15.47	-3.09
2	-22.27	-5.44	27.80	0.00	-8.07	-17.55	6.42	40.09	15.34	1.90
3	34.93	-11.32	16.90	-3.30	-20.43	-15.77	8.32	45.56	17.90	5.94
4	-48.21	-15.71	7.77	-3.23	-31.23	-8.23	9.94	51.41	17.90	11.28
5	-56.59	-15.59	-1.90	2.40	-39.76	-3.19	11.86	56.12	17.77	18.36
6	-50.22	-9.80	-7.95	1.30	-46.39	1.90	14.23	57.67	15.68	28.14
7	-41.28	-4.99	-11.90	5.93	-47.90	6.33	20.30	55.29	11.54	28.94
8	-27.64	-3.00	-11.78	10.20	-38.08	10.23	31.21	46.89	5.95	25.09
9	-9.12	-1.90	-7.86	10.20	-38.67	16.09	39.11	32.35	-0.00	18.95
10	5.48	-1.90	-2.17	10.16	-26.30	19.66	40.87	11.25	-7.52	7.80
11	18.17	0.	0.	8.25	-15.44	20.00	38.86	-10.23	-17.91	-0.00
12	31.60	-5.91	-0.00	5.07	-1.79	19.82	33.02	-26.84	-23.50	-18.55
13	42.19	-7.92	-0.50	0.00	12.46	17.25	24.28	-49.31	-23.02	-22.94
14	48.46	-9.50	-1.50	-6.35	30.24	7.74	8.94	-60.61	-19.04	-30.60
15	51.63	-9.50	-1.90	-12.24	40.89	2.98	-5.18	-69.78	-15.56	-31.80
16	51.98	-9.47	-2.40	-19.39	48.82	-5.98	-19.19	-70.79	-9.20	-31.28
17	50.43	-7.80	-2.10	-20.37	44.47	-16.04	-34.68	-60.76	-8.99	-26.83
18	49.25	-7.67	-2.10	-19.94	44.61	-18.45	-38.10	-45.30	0.00	-13.56
19	56.72	-5.38	-5.32	-17.63	38.91	-19.09	-35.98	-26.79	3.40	-5.26
20	24.88	-1.60	-7.94	-9.62	28.47	-19.00	28.94	-4.88	3.90	1.40
21	7.70	0.	-10.65	-5.66	17.60	-18.77	20.76	16.98	3.90	2.00
22	-7.69	-0.00	-12.47	0.00	4.07	-15.65	-9.70	36.67	3.91	0.
23	-23.28	-1.30	-11.59	5.82	-5.27	-11.10	0.10	56.02	5.91	-0.00
24	-35.99	-2.10	-10.86	8.29	-16.16	-7.28	12.23	67.74	7.40	-5.98
25	-43.68	-3.69	-1.80	14.47	-17.21	-5.64	23.16	72.37	7.38	-16.24
26	-46.58	0.00	0.52	15.92	-16.84	3.42	36.12	75.74	5.88	-22.56
27	-45.73	3.91	11.34	16.60	-9.61	10.87	41.30	72.25	3.57	-28.10
28	-40.13	7.95	16.34	16.08	-5.17	18.15	41.30	57.97	-5.98	-27.58
29	-30.42	11.85	18.55	12.15	0.00	28.85	38.78	32.96	-16.00	-18.95
30	-18.76	13.42	17.85	7.45	3.91	35.33	31.15	-0.00	-21.73	-7.77
31	-5.33	13.90	16.91	6.29	7.43	41.26	21.50	-21.07	-26.49	1.81
32	5.48	13.90	12.25	-1.00	9.90	46.02	12.96	-35.52	-21.31	11.71
33	17.81	13.90	7.62	-5.72	9.90	22.00	1.50	-49.47	-15.36	15.63
34	19.30	13.74	-5.97	-8.52	9.90	-26.33	-8.04	-56.50	-5.41	17.90
35	19.12	9.78	-15.65	-16.34	9.82	39.72	-18.18	-57.90	8.02	1.77
36	16.59	3.87	-20.40	-18.66	6.17	28.18	-22.02	-50.05	24.31	15.44
37	9.97	-3.92	-23.55	-19.44	2.20	49.77	-22.96	-38.49	33.82	6.90
38	4.18	-9.12	-23.43	-18.98	-0.00	37.25	-21.63	-25.22	39.70	-3.02
39	-2.30	-15.72	-19.15	-8.03	-3.00	21.49	-18.74	-7.77	39.67	-11.69
40	-3.09	-17.90	-10.60	3.93	-1.90	-7.27	-13.10	2.10	37.65	-22.39
41	2.41	-17.75	-2.00	12.26	-2.60	-33.30	-13.13	7.38	31.06	-32.70
42	10.17	-15.28	2.20	20.85	-0.91	-13.46	-14.03	14.06	22.23	-36.41
43	18.29	-7.18	3.22	32.05	-5.91	-34.17	-17.25	20.59	15.10	-31.33
44	26.68	10.18	16.18	39.70	-6.61	-35.83	-19.50	27.48	1.89	-20.76
45	31.47	12.16	18.18	40.63	-7.97	-44.69	-19.50	27.90	-7.78	-9.62
46	32.90	20.79	22.11	41.67	-13.48	-48.94	-18.60	27.90	-13.95	3.95
47	31.88	30.28	26.86	41.11	-18.33	-56.83	-17.60	26.89	-15.00	20.34
48	29.17	34.97	25.40	37.05	-23.92	-20.72	0.00	17.61	-14.76	34.75
49	24.77	38.60	21.70	28.15	-24.10	-8.67	5.99	13.35	-9.82	46.50
50	16.69	38.62	18.90	16.90	-23.74	0.00	18.66	9.78	-5.88	50.04

NO.	( 5000 )	( 5050 )	( 5100 )	( 5150 )	( 5200 )	( 5250 )	( 5300 )	( 5350 )	( 5400 )	( 5450 )
1	48.69	34.05	61.22	24.43	3.80	-13.86	40.44	31.82	23.37	-19.50
2	40.69	45.65	60.11	2.17	4.70	-5.81	31.42	41.56	9.95	-30.68
3	23.53	53.37	56.80	-23.60	5.60	6.25	-20.28	46.89	-1.10	-11.92
4	-7.31	57.28	51.77	-46.57	5.59	25.29	-6.19	47.66	-16.21	14.30
5	-35.01	52.05	45.68	-60.00	4.59	45.60	7.35	45.57	-31.65	22.11
6	-51.59	42.35	37.83	-69.50	2.00	25.87	20.62	38.58	-56.37	28.92
7	-57.15	32.08	27.27	-69.20	1.50	51.02	33.25	26.52	-65.86	22.93
8	-56.63	22.53	12.19	-59.54	5.98	28.07	43.46	13.73	-67.87	10.74
9	-42.46	40.00	24.09	-36.96	15.95	49.16	45.80	-7.15	-59.59	9.66
10	-26.03	23.65	-5.29	-16.28	19.75	31.27	44.33	-21.67	-51.09	-1.71
11	-5.71	38.75	20.25	1.10	33.41	3.71	39.11	-33.71	-39.06	-14.36
12	19.20	-45.80	13.59	13.59	38.55	-25.90	26.79	-41.39	-23.52	-25.14
13	36.28	-46.98	37.28	19.14	38.88	-49.67	16.11	44.53	-11.73	-31.70
14	49.54	40.53	-39.87	51.46	36.13	-36.83	16.44	40.25	0.00	-30.43
15	62.27	-27.99	-36.97	39.32	28.85	-26.89	23.29	28.26	14.53	-22.57
16	59.33	-17.07	34.14	47.77	16.66	-44.90	37.70	-6.47	33.87	-13.06
17	52.06	6.21	-27.21	21.90	3.86	-26.02	50.10	7.76	49.84	-1.79
18	43.76	3.91	-18.82	21.79	-7.94	-5.74	55.17	20.75	55.34	-17.05
19	29.90	7.91	-8.10	49.50	-18.51	15.88	55.70	31.15	56.16	7.05
20	5.84	1.20	6.10	46.35	-28.13	32.48	45.92	35.81	50.35	12.23
21	-14.15	-5.07	18.86	40.49	-52.27	45.19	31.61	41.14	38.45	22.33
22	-34.02	-19.14	30.46	29.45	-29.57	46.86	18.80	40.42	20.96	25.90
23	-46.64	-34.29	37.11	16.36	-16.10	43.66	-7.93	37.52	-3.12	25.38
24	-52.65	-42.93	40.63	4.38	3.95	35.23	3.95	33.64	-12.25	21.13
25	-66.62	-46.45	42.26	-22.89	20.85	20.18	18.34	28.56	-27.12	11.69
26	-67.00	-44.66	42.77	-37.93	46.49	3.34	29.69	23.32	-40.16	-1.41
27	-58.76	-34.78	41.59	-56.25	61.14	-21.48	39.50	13.39	-45.90	-39.69
28	-44.58	-16.41	32.92	-63.16	65.11	-45.22	44.89	3.29	-42.89	-49.71
29	-28.01	5.39	22.65	-57.50	65.86	-49.51	50.07	-0.50	-37.12	-53.13
30	-13.01	21.45	3.86	-46.13	60.23	-26.26	51.60	-7.41	-31.93	-51.38
31	1.91	47.65	-9.86	-25.84	45.69	-49.70	46.15	-7.90	-22.09	-44.38
32	19.96	62.68	-22.89	-9.58	24.86	-36.09	36.92	-7.93	-34.30	-34.30
33	28.59	67.83	-35.31	5.69	-7.38	-18.99	26.08	-9.97	12.30	-22.65
34	38.52	69.55	-46.49	19.19	-24.69	-6.10	14.72	-13.75	25.27	-11.65
35	44.36	67.93	-56.64	30.76	-49.09	6.42	14.72	-13.75	25.27	-11.65
36	46.33	44.57	-55.87	40.80	-70.38	27.36	4.95	-23.11	34.33	0.20
37	47.90	20.57	-50.70	42.68	-76.84	42.36	-4.62	-32.66	38.45	13.90
38	46.73	-5.65	-41.27	43.62	-71.38	47.06	-8.24	-34.72	44.76	34.88
39	40.20	-40.67	-39.76	39.81	-58.55	26.34	18.33	-37.22	45.90	43.84
40	36.35	-60.55	-17.51	30.20	-43.65	52.99	27.28	-34.75	45.90	54.72
41	25.35	-70.75	-3.96	17.19	-25.69	53.81	34.83	-26.26	42.55	58.19
42	11.37	-72.20	7.61	-5.54	-15.54	51.24	44.08	-21.08	36.45	58.30
43	-6.007	-61.12	33.23	-7.22	16.74	57.22	47.64	12.10	29.36	52.20
44	-18.47	-44.90	50.53	-18.55	27.10	48.24	48.64	-0.20	9.78	42.43
45	-21.94	-26.40	62.82	-26.81	29.72	34.41	43.71	15.73	26.89	26.89
46	-23.98	-6.82	70.88	-27.50	27.50	15.24	39.41	26.58	-28.30	-1.92
47	-13.12	18.81	72.89	-23.24	17.14	-29.12	36.53	-43.62	-37.76	-37.76
48	-4.35	39.40	76.48	-17.62	6.02	-81.09	-17.49	39.53	-45.21	-67.58
49	7.13	50.61	70.21	-9.46	-3.93	-44.10	3.23	38.07	-36.25	-43.85
50	13.48	27.51	47.26	-2.09	-10.72	-43.05	17.49	32.79	-26.92	-49.03

MEGKD=S-236  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 CURVECTION=ARC.ERR.  
 TOTAL NUMBER OF DATA=11400  
 SAMPLING INTERVAL= 0.0107(SEC)  
 FORMAT NO.=001

RECORD=S-266      COMPONENT=N+S      SIGNAL=GR.AUG.      CORRECTION=ARC.ERR.      STATION=HIYAKO-S  
 DATE AND TIME=1968,05,16,09,49      SAMPLING INTERVAL=0.010(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA=11400

NO.	( 5000 )	( 5500 )	( 5900 )	( 6500 )	( 7000 )	( 7500 )	( 8000 )	( 8500 )	( 9000 )	( 9500 )
1	-50.10	68.95	-9.99	-11.66	-25.57	-20.66	43.39	10.29	-9.78	0.40
2	-50.13	47.52	14.07	-23.63	-23.03	-3.48	29.77	14.64	-1.40	1.80
3	-47.76	50.16	-19.60	-34.59	-19.15	-33.65	9.66	21.76	10.27	1.80
4	-43.15	56.99	-19.47	-40.07	-16.07	-20.73	-1.92	23.28	17.91	-0.00
5	-39.24	60.93	-7.82	-44.84	-15.86	-9.25	-25.52	23.90	22.10	-0.00
6	-37.28	60.57	-1.90	-46.18	-12.90	3.88	-37.15	23.45	22.10	-1.91
7	-33.06	58.74	0.20	-51.72	-10.08	10.08	42.42	19.11	12.21	-12.00
8	-23.68	43.96	5.93	-51.70	27.62	34.64	42.88	9.67	12.86	-15.24
9	-18.57	32.62	7.70	-22.91	-6.36	37.01	-36.63	-1.50	8.85	-19.90
10	-11.52	17.85	7.70	-11.64	-1.70	40.36	-23.65	-22.23	-0.00	-19.90
11	1.20	17.28	7.93	5.95	1.61	40.61	-9.79	-22.62	-13.86	-19.54
12	16.92	-44.17	11.51	9.21	9.21	34.72	0.20	-26.06	-17.50	-15.22
13	27.17	78.14	11.90	25.91	10.01	24.08	12.60	-27.65	-16.98	-9.74
14	39.56	99.59	12.00	36.03	10.29	11.62	34.40	-27.29	-8.94	-1.90
15	48.77	100.96	11.85	40.50	5.28	-12.14	30.11	-22.56	0.00	3.01
16	49.90	94.64	9.91	44.47	1.90	-33.61	33.90	-10.20	8.01	9.97
17	44.48	79.83	-1.61	41.87	-0.00	-22.48	32.18	-1.69	16.27	16.37
18	33.47	63.87	-13.84	36.92	-1.90	-52.49	24.80	9.53	24.69	15.10
19	19.87	42.35	-24.64	30.31	-3.30	-57.39	11.40	16.31	29.30	15.00
20	-0.00	-18.66	-33.06	22.36	-5.40	-51.48	1.20	21.50	28.05	12.86
21	-12.08	10.00	-32.00	11.52	-5.68	-23.62	-5.99	21.50	20.95	8.97
22	-28.94	32.43	-31.15	-0.00	-2.30	-39.25	-17.39	20.81	11.55	1.50
23	-34.25	60.27	-27.34	-14.34	-1.90	-20.86	-23.09	11.59	0.00	-3.22
24	-32.74	74.11	-20.83	-24.23	-1.90	11.19	-23.80	1.39	-15.90	-14.37
25	-34.88	80.55	-19.25	-28.28	-0.01	17.12	-23.81	-11.23	-29.69	-24.97
26	-24.12	79.87	-13.84	-30.16	-7.95	31.88	-23.45	-16.15	-39.14	-30.66
27	-17.32	72.42	-9.84	-30.66	-11.47	46.38	-19.72	-20.49	-43.99	-37.53
28	-7.51	56.41	-2.40	-31.74	-14.36	37.38	-15.31	-21.06	-45.30	-41.52
29	0.00	31.53	-1.20	-32.30	-25.48	29.90	-11.58	-17.51	-42.89	-41.18
30	11.39	-2.23	0.	-33.75	-35.41	22.36	-7.31	-13.21	-36.60	-38.15
31	18.18	-26.16	0.	-35.90	-40.33	37.78	0.00	-8.28	-28.62	-32.40
32	21.90	-42.11	-0.00	-32.00	-40.87	37.78	3.92	0.00	-20.27	-25.13
33	21.83	-26.84	-1.30	-25.05	-35.02	17.95	10.34	3.92	-9.58	-19.52
34	20.89	-60.85	-3.82	-20.74	-22.87	-16.95	12.00	9.86	1.40	-11.55
35	17.60	-33.64	-9.94	-12.85	-11.55	-35.49	11.84	17.30	12.35	0.00
36	12.98	-44.19	-11.84	-1.00	0.00	-54.50	9.76	20.30	26.17	12.27
37	1.90	-63.90	-13.63	12.13	14.40	-30.93	7.85	20.50	33.12	23.58
38	-0.30	-21.68	-14.20	23.25	26.71	-31.90	3.88	20.30	37.52	33.36
39	-13.62	-7.80	-14.18	53.33	39.61	-34.17	-1.91	20.09	37.83	39.90
40	-27.57	0.00	-13.64	39.22	47.49	-43.89	-13.26	17.58	34.74	40.64
41	-40.00	11.46	-12.28	41.86	49.20	-32.87	-20.27	12.68	24.11	41.63
42	-49.84	20.63	-11.49	39.83	47.51	-25.71	24.61	3.88	14.64	39.44
43	-51.90	23.90	-7.62	33.51	41.67	-27.69	-3.46	-0.00	33.29	33.29
44	-50.80	23.90	-1.50	32.05	32.05	3.44	-24.32	-11.48	22.35	22.35
45	-47.01	23.90	1.91	11.64	19.45	19.45	-22.77	-30.63	-18.10	9.66
46	-40.23	22.68	7.92	-0.00	-1.71	36.38	-12.30	-36.56	-22.10	-1.91
47	-31.07	12.87	11.00	-14.65	41.43	49.23	-9.23	-38.20	-21.62	-19.54
48	-19.64	9.23	10.97	-24.50	-33.60	30.89	-5.47	-36.31	-16.95	-8.94
49	0.00	0.40	7.72	-29.20	-48.19	33.30	-1.20	-31.35	-11.34	-39.22
50	16.74	-1.50	1.10	-28.62	-52.71	31.02	5.33	-22.27	-2.40	-41.11

RECORDS=206  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENT=N=S  
 SIGNAL=WR,ACC.  
 CORRECTION=ARC,ERR.  
 FORMAT NO.=301  
 STATION=MIYAKO-S  
 TOTAL NUMBER OF DATA=1400

NO.	( 6000)	( 6050)	( 6100)	( 6150)	( 6200)	( 6250)	( 6300)	( 6350)	( 6400)	( 6450)
1	-58.86	-22.87	-11.10	66.72	20.83	54.42	26.08	-27.54	-59.72	-7.92
2	-35.69	-15.14	-7.63	67.00	-0.50	22.15	37.61	-24.93	0.00	-9.04
3	-23.96	-6.34	-1.50	66.16	-14.03	10.68	43.41	-19.30	14.61	-5.69
4	-9.65	0.00	-0.40	52.99	-19.28	-1.92	44.81	-5.16	36.15	-4.50
5	2.11	6.92	0.	63.65	-20.19	-29.55	41.36	-43.52	43.52	-4.10
6	14.96	9.78	-0.00	7.36	-20.08	-44.89	32.97	1.40	45.90	-5.30
7	26.83	13.80	-1.70	-18.64	-19.60	-25.86	19.73	9.14	45.03	-6.11
8	31.90	13.90	-0.40	-29.58	-16.08	-49.40	12.01	11.28	41.00	-7.93
9	31.00	13.77	-3.90	-41.46	-14.10	-55.96	-0.00	10.88	32.95	-9.94
10	22.26	12.93	-6.90	-50.10	-14.10	-12.85	9.67	22.19	22.19	-11.99
11	11.46	10.87	-3.90	-22.00	-14.00	-0.30	27.80	8.11	11.09	-24.24
12	-0.00	5.99	-3.90	-49.44	-15.82	11.89	44.46	1.80	-0.00	-28.08
13	-14.43	5.29	-2.40	-43.53	-11.83	18.59	55.84	-0.00	-11.29	-31.90
14	-27.48	3.39	-J.50	-63.84	-9.43	25.93	56.54	-4.09	-18.18	-28.90
15	-37.50	-0.00	1.20	-21.13	-5.86	25.25	52.38	-1.00	-21.95	-15.19
16	-37.47	-13.56	0.41	-10.91	-0.10	18.65	43.91	5.02	-22.51	-3.76
17	-35.62	-24.40	7.90	9.20	3.62	-0.00	32.02	8.39	23.40	9.12
18	-21.09	-28.51	7.60	20.60	10.60	-24.41	18.60	14.46	23.18	16.20
19	-9.62	-30.54	7.43	29.92	10.30	-28.41	14.05	22.65	-20.79	21.29
20	9.53	-23.70	1.90	31.70	10.30	-28.14	14.05	28.00	-13.73	20.99
21	14.17	-16.21	-6.93	31.66	9.98	-28.63	28.13	28.06	-9.53	20.99
22	16.12	1.00	-11.86	31.96	9.98	-44.20	41.00	25.42	-1.20	12.26
23	25.20	8.42	-17.42	31.96	-0.00	-15.06	47.59	21.17	7.06	7.79
24	22.99	16.59	-23.40	33.60	-11.65	-10.51	47.90	9.62	12.33	0.20
25	20.45	25.15	-22.62	33.60	-20.63	-1.90	42.99	-3.94	16.24	-12.43
26	11.44	30.03	-17.68	33.62	-25.90	2.01	32.39	-17.12	15.15	-22.51
27	-3.93	30.70	-10.30	33.72	-25.90	9.21	20.20	-37.15	13.95	-27.56
28	-14.37	29.66	-1.90	32.88	-25.65	9.90	7.94	-47.00	10.24	-28.15
29	-23.95	21.99	4.03	28.42	-20.62	9.94	-3.43	-53.21	3.49	-28.51
30	-38.70	9.23	13.22	20.77	-8.00	11.96	14.27	-52.21	-0.00	-23.74
31	-40.79	-0.00	16.41	9.75	12.09	13.97	22.49	-46.27	-2.51	-19.07
32	-42.40	-12.10	19.90	-1.92	18.21	15.61	24.30	-38.55	-10.29	-11.33
33	-39.54	-18.40	19.74	-25.71	21.95	15.81	25.70	-44.27	-14.27	1.20
34	-31.72	-18.17	17.82	-38.61	19.30	15.09	25.49	-19.26	-18.12	9.99
35	-22.58	-14.84	14.57	-54.50	16.38	11.75	23.23	-11.50	-21.85	13.98
36	-11.73	-9.51	-0.00	-61.72	7.63	3.68	15.70	1.81	-23.52	15.96
37	0.20	0.00	-6.97	-65.05	-12.46	-3.82	12.08	13.51	-21.96	16.81
38	12.40	1.00	-20.79	-63.82	-29.74	-9.96	11.24	27.34	-19.67	13.70
39	24.05	7.23	-26.02	-54.62	-38.06	-12.76	-1.90	-16.82	-16.82	11.18
40	25.81	9.90	-40.13	-43.20	-42.82	-20.12	1.50	39.90	-12.13	3.29
41	25.90	7.85	-46.22	-60.68	-51.90	-22.50	2.20	38.07	-3.99	-1.91
42	25.63	7.41	-50.01	-17.78	-53.70	-22.48	3.89	29.59	-1.40	-9.37
43	20.50	-0.00	-51.26	-7.80	-41.78	-22.21	10.87	3.11	-13.46	-20.25
44	0.82	-9.59	-42.39	13.11	-23.42	-21.07	-2.51	-1.51	9.94	-24.12
45	-10.50	-14.16	-29.83	27.85	-11.55	-17.58	-9.38	-17.48	11.90	-25.33
46	-27.07	-19.90	-13.26	39.39	0.00	-12.99	-13.96	-41.81	11.80	-22.66
47	-27.13	-19.91	2.32	46.95	12.96	-9.91	-19.63	-50.41	11.72	-22.66
48	-33.95	-19.76	19.74	46.98	27.08	-9.91	-23.82	-52.63	8.96	-19.26
49	-34.08	-16.79	40.48	36.59	10.07	-27.65	-45.48	-45.48	1.10	-11.84
50	-31.77	-11.98	56.05	32.78	18.27	-27.90	-32.95	-32.95	-24.41	-19.64

RECORD=S-236  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENT=N-S  
 SIGNAL=GR,ACU,  
 SAMPLING INTERVAL= 0.010(SEC)  
 CORRECTION=ARC,ERR,  
 FORMAT NO.301  
 STATION=MIYAKO-S  
 TOTAL NUMBER OF DATA=11400

NO.	( 6500 )	( 6550 )	( 6600 )	( 6650 )	( 6700 )	( 6750 )	( 6800 )	( 6850 )	( 6900 )	( 6950 )
1	-1.90	-16.51	0.00	0.00	-40.00	-2.11	11.89	-16.35	15.58	10.97
2	1.90	-23.40	7.95	4.54	-38.10	-11.85	-8.28	-12.22	13.24	9.89
3	7.93	-25.18	11.61	16.47	-62.12	-16.23	0.00	-9.55	8.94	9.49
4	9.90	-23.17	11.92	17.85	-25.28	-22.08	9.98	-2.10	-0.30	9.07
5	9.93	-14.21	12.38	19.74	-20.49	-25.86	13.60	-2.10	-12.22	1.90
6	11.31	-9.79	11.78	17.70	-11.09	-28.16	16.02	-5.63	-22.39	-1.90
7	11.78	0.00	10.99	13.51	0.00	-23.26	16.32	-9.30	-28.77	-7.93
8	11.17	3.90	9.99	11.14	7.78	-19.45	14.87	-9.30	-31.90	-9.96
9	10.18	3.89	-1.51	1.90	13.93	-14.26	12.12	-9.33	-30.69	-12.55
10	9.37	1.90	-12.23	-3.92	21.65	-11.63	9.64	-5.87	-25.34	-13.83
11	7.81	-0.00	-22.49	-11.09	23.96	-9.24	2.00	-1.90	-20.86	-11.88
12	1.20	-1.00	-27.59	-14.44	24.40	-5.89	1.70	0.40	-11.67	-1.90
13	-2.01	-3.61	-28.76	-17.39	24.40	-3.90	-5.90	5.23	-4.07	0.30
14	-11.72	-7.30	-26.71	-17.08	24.13	-5.11	-5.87	9.94	3.62	3.90
15	-15.97	-7.25	-23.58	-13.72	21.48	-6.21	-1.90	11.87	12.17	5.00
16	-19.34	-3.19	-19.76	-11.82	14.69	-7.66	0.00	14.08	20.88	1.00
17	-24.76	0.00	-11.63	-9.01	8.24	-4.20	1.10	13.63	26.73	-0.50
18	-27.50	1.91	-5.86	-6.89	-2.41	-3.30	1.90	11.82	27.03	-5.23
19	-29.71	10.43	0.00	-1.00	-12.09	-3.90	2.50	8.94	26.52	-10.37
20	-29.37	11.74	3.01	-1.10	-18.32	-3.20	0.00	-0.00	23.35	-15.30
21	-24.90	13.03	7.91	-1.90	-23.97	-3.10	-2.20	8.94	19.08	-16.10
22	-18.88	13.82	8.62	-5.04	-25.62	-3.10	-13.63	-12.57	9.17	-19.73
23	-8.90	11.76	9.86	-11.87	-22.57	-4.21	-24.46	-23.41	-12.03	-22.47
24	2.41	7.02	8.00	-14.74	-11.64	-11.64	-29.33	-27.10	-16.54	-28.84
25	1.15	-0.00	8.00	-26.17	0.00	-5.91	-34.30	-30.62	-22.20	-22.35
26	25.48	-4.14	8.00	-31.32	10.08	-7.80	-35.08	-30.94	-23.71	-13.47
27	34.20	-14.35	8.00	-36.41	18.55	-7.91	-33.06	-26.41	-21.39	-7.60
28	35.10	-25.47	8.00	-35.95	22.87	-8.42	-29.38	-21.13	-12.84	0.30
29	34.42	-35.79	7.79	-30.17	21.56	-9.81	-25.35	-13.66	-5.85	10.04
30	50.56	-38.28	6.99	-23.65	18.97	-10.20	-20.95	-7.88	0.40	16.38
31	21.74	-38.02	5.86	-12.82	14.74	-9.94	-11.52	1.20	11.51	21.22
32	8.84	-33.71	0.30	-9.70	9.70	-7.25	1.20	11.97	15.35	23.37
33	-15.65	-26.67	-1.91	12.11	0.20	-1.20	10.00	23.75	17.94	23.60
34	-27.45	-18.91	-11.43	22.01	-15.88	1.90	19.42	27.05	14.36	20.34
35	-39.14	-7.19	-12.29	26.63	-26.74	4.61	24.46	27.30	13.44	9.48
36	-41.90	2.24	-11.76	27.90	-31.90	7.82	26.45	26.56	11.55	-4.71
37	-39.37	12.09	-7.22	27.31	-30.69	9.10	27.93	21.60	0.10	-13.74
38	-32.82	17.90	0.00	24.84	-25.11	9.20	27.95	14.26	-4.43	-28.69
39	-27.04	17.64	1.60	20.74	-19.57	9.05	26.76	8.51	-12.29	-30.21
40	-21.41	13.85	2.50	16.05	-13.47	5.28	23.02	-1.91	-24.39	-30.64
41	-12.10	9.70	3.20	13.19	-7.60	1.70	12.78	-14.40	-29.71	-26.02
42	-0.20	-0.00	1.90	7.81	0.00	-1.90	1.60	-25.60	-29.39	-18.42
43	9.43	-12.57	6.43	4.02	6.26	-8.05	-7.20	-28.94	-28.80	-9.69
44	16.15	-17.83	-7.26	-4.02	13.15	-11.77	-16.49	-26.56	-29.48	0.30
45	20.29	-25.29	-12.94	-9.72	16.80	-13.98	-21.19	-27.11	-27.11	13.35
46	18.80	-27.45	-22.15	-45.74	13.64	-16.00	-32.39	-9.88	-20.83	22.42
47	13.75	-28.08	-24.57	-20.38	12.26	-17.67	-33.95	0.00	-11.19	26.38
48	9.88	-21.30	-25.72	-25.25	11.11	-16.04	-31.84	10.43	-0.20	28.15
49	-0.00	-13.68	-20.75	-32.25	7.83	-18.29	-25.32	15.97	7.93	29.15
50	-10.84	-8.18	-12.10	-37.11	2.50	-15.32	-21.21	17.01	9.92	27.14

RECORD#S=236 COMPONENT#N=S SIGNAL#GR,ACC. CORRECTION#ARCERR. STATION#MIYAKO=S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL# 0.010(SEC) FORHAT NO.#304 TOTAL NUMBER OF DATA=11400

NO.	( 7000 )	( 7050 )	( 7100 )	( 7150 )	( 7200 )	( 7250 )	( 7300 )	( 7350 )	( 7400 )	( 7450 )
1	24.83	17.85	-5.86	0.00	-0.00	-3.93	-17.59	-11.82	21.95	83.90
2	10.45	11.51	0.00	1.00	-7.43	-14.02	-12.88	-15.82	22.40	80.46
3	-10.68	1.60	5.94	-10.68	18.73	-25.00	-1.69	-17.90	21.98	66.66
4	-18.04	4.12	11.16	1.90	-32.65	-35.51	11.62	-17.58	17.96	25.53
5	-19.90	-9.48	13.39	3.91	-40.29	-36.55	15.86	-12.78	13.18	-15.86
6	-19.57	-13.49	16.16	6.01	-46.88	-38.10	17.00	-6.92	7.84	-61.64
7	-19.76	-15.93	11.94	7.40	-50.90	-39.77	16.90	0.50	1.80	-73.14
8	-19.01	-20.07	10.10	7.40	-56.50	-38.62	15.29	0.40	-3.94	-84.53
9	-7.85	-22.09	10.20	7.66	-46.91	-32.51	12.73	3.93	-16.24	-83.53
10	-4.19	-24.27	10.06	3.99	-41.06	-19.05	-0.00	14.00	-21.70	-75.59
11	-1.30	-26.88	8.00	1.60	-32.87	-3.87	-5.42	28.56	-19.41	-60.97
12	0.40	-30.86	8.00	1.60	-21.70	6.46	-7.84	28.71	-13.63	-37.22
13	3.20	-26.04	8.11	5.91	-9.34	13.02	-3.10	34.44	-7.18	-8.98
14	3.20	-22.58	8.92	7.90	3.94	21.50	1.90	37.53	-5.09	21.57
15	1.60	-11.77	4.28	7.90	16.46	21.28	1.40	38.29	-3.50	37.50
16	-0.00	-1.29	0.20	7.90	51.13	20.56	0.30	39.27	-3.40	44.57
17	-0.30	13.64	-6.11	7.90	35.83	14.85	8.14	35.82	-3.51	51.29
18	-1.71	22.06	7.84	-8.00	35.90	9.70	11.27	26.44	-6.33	55.07
19	-9.82	25.52	11.12	7.95	34.38	0.20	13.80	9.59	-10.23	61.84
20	11.00	27.48	-12.01	-11.69	27.55	-6.25	13.71	-5.26	-25.49	59.27
21	-10.96	26.90	-12.51	-11.52	15.18	-12.42	11.28	-16.62	-35.10	46.33
22	-9.56	23.01	-13.93	-12.25	14.89	-15.90	-0.00	-29.74	-35.07	2.32
23	-5.87	13.39	-20.21	-13.70	-12.08	-15.90	-3.91	-40.76	-32.79	-0.00
24	-2.10	1.00	-23.70	-13.80	-18.19	-15.60	7.60	-45.90	-23.63	-2.64
25	-1.60	-9.31	-25.90	-13.70	-26.50	-10.10	7.52	-43.47	-10.25	-34.79
26	0.00	-15.55	-22.62	-15.80	-30.19	-5.80	1.30	-37.24	0.20	-39.73
27	1.60	-20.26	-22.58	-13.70	-31.68	-5.89	0.40	-29.51	10.49	-40.05
28	3.40	-22.05	-11.89	-13.56	-30.24	-4.10	0.50	-20.87	14.77	-36.54
29	4.01	-23.37	-5.26	-10.01	-25.62	-3.90	7.40	-10.79	29.92	-25.89
30	6.01	-23.90	1.71	-5.65	-23.46	-3.90	7.36	1.00	41.76	-13.86
31	7.20	-25.59	10.38	1.40	-19.84	-3.30	3.69	14.24	47.50	-3.88
32	7.50	-20.57	18.02	10.65	-15.49	-1.70	1.20	27.55	46.75	2.21
33	7.60	-15.96	19.83	15.91	-7.81	0.00	-7.58	38.51	40.23	9.98
34	7.48	-9.88	21.29	17.92	-1.10	7.98	-14.32	40.98	44.24	13.80
35	5.89	0.00	21.19	18.26	5.73	13.71	-24.17	42.20	30.76	13.80
36	4.60	9.47	20.80	18.85	9.98	14.04	-29.50	41.19	6.79	13.27
37	3.89	18.34	17.68	15.41	16.59	17.24	-29.30	37.72	-30.24	0.50
38	1.00	24.17	13.78	11.72	15.81	17.90	-27.38	29.11	-57.89	-11.47
39	-3.82	25.21	10.60	5.87	15.90	17.78	-21.41	9.71	-65.83	-25.52
40	-9.79	22.82	3.09	1.89	15.90	15.90	-14.76	-3.94	-70.92	-38.09
41	-13.79	13.27	-1.50	-5.35	15.90	12.01	7.80	-16.56	-69.51	-35.86
42	-16.01	4.96	-7.93	-9.90	15.81	-0.00	0.00	-25.49	-60.29	-7.90
43	-17.46	-10.46	-10.46	-17.86	14.12	-11.28	7.65	-35.96	-39.00	-47.90
44	-10.97	-10.02	-13.44	-7.72	12.21	-14.77	11.96	-38.23	-11.86	-41.59
45	-2.29	-15.94	-21.80	-1.90	9.40	-35.15	13.95	-35.88	33.54	-28.85
46	0.63	-21.95	-21.73	2.21	9.40	-31.43	14.85	-28.29	58.02	-16.34
47	12.65	-22.40	-20.63	7.85	9.40	-42.30	11.66	-20.87	70.22	1.41
48	21.70	-21.75	-13.69	11.60	9.40	-31.25	3.78	-9.98	77.65	22.17
49	19.90	-15.77	-11.72	11.60	9.25	-26.68	1.10	0.00	82.93	24.58
50	19.77	-11.44	-5.86	9.88	1.10	-42.62	-8.25	12.53	84.10	32.98

RECORDS=206 COMPONENT=N-S SIGNAL=GR.ACC. CURVE=ARC.ERR. STATION=HIYAKO.S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL=0.10(SEC) FORMAT=N=301 TOTAL NUMBER OF DATA=11400

NO.	( 7000 )	( 7500 )	( 7000 )	( /050/ )	( /700/ )	( /750/ )	( 7800 )	( 7850 )	( 7900 )	( 7950 )
1	40.75	-2.80	84.64	-60.12	27.90	29.46	61.20	-5.51	28.61	49.11
2	51.25	-42.73	85.47	-21.21	27.26	29.61	44.90	-7.42	7.04	30.22
3	52.17	-30.61	81.03	-38.26	20.86	27.56	24.47	-9.01	-14.99	41.62
4	49.14	-18.58	69.14	-21.68	-4.08	28.99	3.70	-9.41	-28.34	15.29
5	42.06	-2.97	40.12	-7.60	-26.27	10.73	-45.19	-9.90	-42.64	-4.06
6	32.85	16.96	11.14	14.27	-63.61	0.20	71.24	-9.87	-50.01	-20.25
7	18.19	27.71	-10.93	22.58	-44.07	-1.50	-74.14	-8.25	-47.19	-24.04
8	-0.00	35.28	-44.97	26.70	-51.10	-13.76	-77.77	-5.20	-37.09	-25.62
9	-14.78	38.00	-60.95	31.69	-49.78	-23.86	-60.11	-5.11	-20.67	-13.38
10	-21.21	38.00	-73.24	29.62	-42.24	-24.86	-72.19	-7.12	-6.89	-5.44
11	-35.60	34.87	-74.94	26.68	-27.06	-28.06	-61.07	-9.35	12.08	4.14
12	-34.27	29.56	-62.97	21.56	0.10	-25.17	-50.22	-11.92	18.00	14.06
13	-29.70	20.70	-42.32	1.20	17.13	-21.20	-33.84	-12.51	24.11	20.22
14	-25.51	11.90	-17.61	-12.09	43.09	-15.52	-9.54	-12.34	30.11	23.59
15	-22.17	1.00	-17.47	48.07	-10.01	-5.88	7.68	-1.90	30.79	23.59
16	-16.45	-7.45	62.00	-11.07	59.61	-5.88	29.83	4.21	26.19	22.66
17	-9.48	-11.90	38.21	1.00	70.19	-3.61	38.40	7.90	13.25	15.65
18	-3.29	-11.85	50.17	1.50	69.99	-5.79	39.74	8.09	-2.42	7.50
19	1.00	-9.93	50.86	12.72	69.65	-4.40	39.57	7.50	-16.56	-0.30
20	5.11	-2.00	54.67	24.23	59.96	-4.40	37.01	7.50	-37.60	-9.93
21	7.40	-1.10	45.41	25.81	44.70	-4.00	31.54	7.46	-45.95	-16.28
22	7.43	7.43	45.66	22.78	42.78	-4.00	21.83	3.90	-46.65	-19.30
23	7.93	-1.10	25.41	22.48	-15.92	-3.30	11.52	2.40	-45.91	-19.30
24	2.90	-3.92	9.35	15.42	-6.55	-3.89	2.00	-0.00	-37.75	-18.77
25	5.90	-9.92	-12.28	8.25	-69.95	-1.50	1.00	-7.85	-22.73	-12.04
26	5.89	-13.95	-23.00	9.22	-75.40	0.00	1.00	-11.53	-9.62	-3.88
27	6.27	-15.01	-23.47	-14.41	-72.01	2.21	1.90	-12.45	3.95	1.91
28	-9.54	-11.50	-28.12	-23.34	-36.09	9.22	1.90	-14.04	20.03	12.09
29	-20.94	-11.00	-30.23	-25.84	-39.65	10.24	1.90	-17.60	40.06	17.80
30	-35.75	0.00	-32.67	-24.66	-21.10	11.90	1.20	-17.61	47.48	17.50
31	-43.29	7.89	-31.89	-18.57	1.92	11.90	-0.00	-22.20	48.87	13.22
32	-42.01	14.33	-24.31	-11.60	24.07	11.90	-5.43	-23.90	49.75	11.01
33	-32.95	16.98	-19.75	-1.70	31.25	11.82	-10.20	-23.43	40.61	7.41
34	-21.24	15.01	-1.10	6.81	38.46	9.17	-14.66	-19.45	22.10	-7.95
35	1.81	12.82	14.55	5.90	38.74	2.09	-17.91	-14.17	-3.98	-12.02
36	18.86	0.20	23.19	5.88	31.93	-3.32	17.86	-11.11	-27.06	-15.93
37	34.05	-13.95	28.02	2.99	15.98	-13.44	-15.76	-7.87	-54.65	-16.40
38	48.59	-25.72	37.56	-0.00	-6.03	-22.57	-13.09	-5.89	-70.10	-16.21
39	52.99	-40.97	42.89	-6.64	-22.92	-30.46	-10.00	-3.90	-74.02	-12.91
40	60.67	-53.28	45.20	-16.29	-35.63	-34.25	-1.00	-3.90	-70.50	-7.84
41	61.43	-60.54	45.20	-27.55	-49.28	-33.96	1.20	-3.89	-49.52	-3.10
42	56.02	-63.45	41.74	-36.47	-51.62	-26.27	5.33	-3.90	-28.78	-1.90
43	44.70	-60.28	34.33	-37.31	-44.21	-11.15	9.93	0.00	-8.78	-1.90
44	27.22	-46.64	17.77	-32.91	-22.03	1.20	11.55	5.89	9.58	-6.55
45	-0.00	-28.06	4.29	-21.86	-20.26	16.12	13.20	18.86	30.05	-12.04
46	-20.02	-9.22	-0.33	-9.67	-7.73	30.41	13.16	31.74	42.84	16.63
47	-39.36	14.46	-40.68	1.41	5.16	44.54	11.97	37.48	49.12	21.95
48	-50.14	33.54	-43.11	14.34	16.25	25.23	10.81	38.53	53.83	22.40
49	-56.27	61.03	-61.29	24.20	22.42	59.65	3.29	39.24	57.43	-22.14
50	-58.25	77.41	-63.67	27.14	26.41	50.99	-1.00	36.74	54.25	-19.11

NO.	( 8000 )	( 8050 )	( 8100 )	( 8120 )	( 8200 )	( 8250 )	( 8300 )	( 8350 )	( 8400 )	( 8450 )
1	-9.68	-0.40	10.28	-24.75	-25.50	-20.82	35.26	-17.64	37.08	7.75
2	1.00	3.40	14.25	-15.17	-11.59	-26.13	40.14	-9.70	39.90	11.94
3	12.43	3.50	13.09	0.10	1.72	-26.59	41.82	0.00	39.24	13.31
4	22.80	3.91	10.07	14.44	25.62	-19.92	38.31	10.06	34.30	15.50
5	31.15	6.23	6.00	46.79	41.01	-10.25	32.37	17.61	22.61	18.46
6	35.90	10.34	35.90	34.25	53.08	1.10	19.69	22.29	11.24	9.70
7	35.90	11.90	9.70	37.10	59.00	9.35	-1.91	25.64	-1.20	-3.92
8	35.90	11.90	9.70	37.10	59.00	17.25	-14.98	25.90	-12.09	-3.92
9	35.90	11.37	9.63	34.27	59.75	18.94	-30.24	25.83	-18.18	-10.01
10	38.38	6.01	6.28	24.70	35.26	17.47	-44.55	25.20	-21.81	-15.00
11	26.84	-20.85	-0.90	13.95	3.14	15.56	-35.60	22.60	-21.90	-14.95
12	10.92	31.30	-3.90	5.83	-24.82	14.01	-58.71	11.92	-21.90	-11.66
13	0.30	43.46	-0.92	-3.43	-22.97	9.55	-51.71	0.00	-21.70	-3.86
14	-1.81	-49.90	-10.52	-14.55	-75.64	-8.25	-42.29	-12.29	-19.41	7.09
15	-14.69	-49.90	-13.84	-24.87	-81.18	-15.75	-50.62	-24.51	-13.74	16.16
16	-30.32	-49.90	-14.50	-34.79	-88.06	-27.06	-11.86	-30.87	-9.70	25.21
17	-39.68	-40.10	-14.04	-37.90	-85.18	-36.82	1.91	-35.34	0.00	34.02
18	-42.24	-22.11	-8.15	-37.78	-71.27	-56.02	19.10	-36.54	9.43	37.04
19	-40.09	-7.33	-4.97	-37.03	-46.64	-28.18	29.14	-38.24	21.37	69.80
20	-33.30	14.05	0.00	-35.87	-21.05	-19.11	40.57	-38.07	24.98	37.98
21	-29.77	27.41	3.31	-33.24	10.47	-9.99	45.67	-32.70	31.90	31.15
22	-15.87	34.28	5.93	-30.09	35.73	0.40	45.54	-20.85	31.05	19.95
23	-4.07	36.00	9.31	-25.62	27.24	12.24	41.62	-9.73	26.81	8.78
24	4.02	35.78	9.69	-22.77	76.14	23.00	32.05	-1.49	20.36	-3.98
25	9.92	33.92	4.68	-13.78	85.91	27.67	19.87	9.33	9.62	-27.54
26	10.99	28.49	-0.00	-10.75	84.53	27.50	-0.00	16.24	-3.94	-38.64
27	10.50	19.48	-9.99	-1.10	77.11	27.50	-23.33	22.07	-16.29	-40.25
28	10.23	-0.20	-14.45	0.20	66.60	27.48	-35.00	23.79	-26.81	-35.12
29	7.04	-12.41	-24.33	11.37	37.54	27.15	-41.61	26.15	-31.78	-25.54
30	1.90	-15.50	-26.42	14.35	6.87	25.01	-47.79	27.87	-30.46	-13.40
31	1.90	-11.61	-29.76	24.12	-28.97	19.19	-48.81	29.69	-28.03	-1.29
32	1.40	-1.90	-30.47	28.89	-48.76	10.72	-44.19	31.91	-13.42	14.93
33	-1.30	1.90	-26.10	34.41	-61.70	-0.10	-33.34	32.50	-1.90	36.76
34	-8.00	2.20	-19.74	36.29	-74.35	-12.08	-20.93	33.20	3.93	45.44
35	-9.91	70.10	-13.08	38.04	-76.79	-18.06	-9.62	32.16	12.23	48.30
36	-8.30	-10.31	0.00	39.67	-74.70	-44.29	3.93	27.65	23.33	50.02
37	-8.30	-23.61	16.77	38.89	-63.87	-28.76	14.43	22.26	34.41	49.74
38	-8.42	-26.19	22.87	34.43	-49.36	-37.08	24.86	15.42	35.89	43.06
39	-10.04	-28.60	27.78	24.31	-34.00	-39.90	32.19	8.87	38.85	33.04
40	-11.90	-30.69	30.86	13.14	-18.35	-38.12	36.57	1.40	35.70	22.35
41	-11.90	-25.35	35.40	1.39	0.00	-22.25	37.79	-1.30	26.64	9.66
42	-11.84	-20.86	32.52	-12.04	16.79	-24.51	35.82	-13.69	9.70	-1.92
43	-9.82	-10.77	32.94	-23.89	35.68	-17.38	28.21	-18.31	-0.00	-24.20
44	-9.90	11.89	24.15	-35.31	39.37	-9.78	11.37	-13.35	-28.05	-29.06
45	-9.90	7.75	11.86	-41.80	36.98	4.18	-0.10	16.97	-19.87	-29.06
46	-9.91	11.90	-13.91	-48.87	32.79	0.00	-12.22	-11.56	-23.66	-24.41
47	-7.90	11.90	-13.44	-50.21	26.60	5.93	-22.08	-0.20	-21.30	-15.31
48	-7.88	12.00	-25.92	-50.24	11.52	10.29	-25.96	8.09	-15.47	-7.80
49	-6.09	-35.90	-44.25	-1.10	-1.10	14.65	-28.83	22.47	-11.00	0.00
50	-4.48	18.89	-33.51	-34.61	-12.17	23.23	-23.24	32.82	0.00	7.95

RECORDS=266  
DATE AND TIME=1968.05.16.09.49  
COMPONENT=M-S  
SIGNAL=GR.AUC.  
CORRECTION=ARG.ERR.  
TOTAL NUMBER OF DATA=11400.  
TOTAL NUMBER OF DATA=11400.  
STATION=MIYAKO-S  
TOTAL NUMBER OF DATA=11400.  
FORMAT NO.=301

RECORD=S-266 COMPONENT=M-S SIGNAL=GR+ACC. CURVECTION=ARC.ERR. STATION=HIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11400

NO.	( 8500 )	( 8600 )	( 8650 )	( 8700 )	( 8750 )	( 8800 )	( 8850 )	( 8900 )	( 8950 )
1	11.90	-13.54	-55.15	0.00	8.00	17.70	-24.43	13.90	20.39
2	11.90	-22.11	-26.11	10.12	19.77	17.69	-19.40	13.90	10.91
3	11.78	-23.90	-15.18	20.25	24.59	17.27	-13.25	13.90	-0.00
4	0.00	-25.66	-1.79	24.41	29.90	13.73	-1.89	13.95	-3.92
5	2.99	-20.93	14.45	27.90	29.58	9.75	7.97	15.10	-11.52
6	-0.00	-3.90	27.18	27.26	26.56	7.42	15.48	15.14	-15.63
7	-1.90	8.00	34.41	23.21	22.08	1.10	18.16	13.82	-17.77
8	-3.10	3.79	36.50	11.78	11.78	0.00	21.63	11.76	-15.59
9	-3.47	15.49	37.37	9.82	7.82	0.00	21.90	7.84	-11.78
10	-5.50	20.83	32.95	5.86	1.70	0.00	21.70	3.69	-7.80
11	-1.90	31.90	21.87	-0.00	0.00	0.00	19.68	-0.00	0.00
12	-1.90	31.07	8.82	-1.90	8.82	5.40	17.21	-9.98	5.92
13	-1.00	-3.90	25.67	-1.71	-9.90	7.93	15.87	-1.805	9.23
14	0.00	-3.87	19.21	-1.84	-11.81	9.93	15.32	-19.62	11.95
15	2.62	5.03	-21.52	-7.67	-15.50	11.50	13.88	-20.07	13.70
16	7.90	10.15	-19.24	-5.90	-19.59	11.50	13.25	-21.90	13.90
17	7.92	21.62	-11.42	-5.90	-23.90	11.28	11.84	-21.87	13.82
18	9.25	28.36	-1.89	-1.89	-23.84	6.93	9.90	-21.05	11.55
19	12.09	34.33	5.45	-5.29	-22.50	-0.00	9.89	-13.66	0.00
20	17.90	35.68	14.25	-3.29	-15.14	-1.50	9.36	-12.96	5.90
21	17.90	35.71	-9.70	0.00	-13.42	-1.50	7.31	-8.94	-5.37
22	17.77	32.44	28.53	5.91	-1.90	0.00	-0.00	0.00	-1.30
23	15.68	21.80	12.21	33.42	3.01	0.00	-10.03	9.79	3.82
24	11.59	9.76	22.32	7.58	10.12	1.90	-16.23	14.16	10.03
25	7.89	32.14	32.05	3.90	20.44	3.21	-21.09	19.90	16.36
26	7.10	41.89	12.95	5.69	27.18	7.41	-15.04	19.90	24.98
27	7.19	-13.87	44.52	3.90	34.41	7.93	-9.70	19.83	31.90
28	5.89	-18.04	37.67	-3.93	35.90	9.90	0.00	18.82	31.90
29	3.89	-19.90	29.19	5.91	35.67	9.90	7.95	15.23	31.90
30	-0.00	-19.55	-11.61	5.91	38.78	9.74	12.21	11.72	29.93
31	-1.00	-13.41	-11.80	7.53	32.50	1.90	21.63	5.84	20.68
32	0.00	-27.95	-9.74	13.68	27.81	-1.91	21.90	-1.60	9.67
33	0.00	-8.94	-9.74	18.00	18.95	-9.93	21.08	-5.10	-1.20
34	1.90	-5.40	0.00	19.35	7.77	-11.25	13.17	-5.89	-12.23
35	5.10	-5.19	7.95	19.90	-1.71	-5.90	7.10	-3.90	-22.56
36	5.90	-3.90	12.02	19.73	-15.66	-5.86	1.90	-3.10	-28.58
37	5.90	-3.79	-13.01	15.80	-24.90	0.00	-5.35	-3.10	-34.78
38	5.93	-1.00	15.67	13.74	-32.35	5.63	-13.98	-3.10	-30.90
39	9.61	7.98	12.01	9.85	-33.26	9.74	-15.85	-3.91	-23.18
40	9.90	14.15	13.10	7.41	-30.13	12.02	-14.76	-7.93	-23.21
41	9.89	20.12	7.84	0.00	-24.84	15.79	-9.77	-9.86	-17.38
42	9.15	23.70	3.09	-0.00	-18.51	13.81	-3.60	-7.84	-9.72
43	1.00	26.52	-3.93	-15.76	-9.76	13.81	-1.90	-3.29	-4.10
44	-1.90	33.90	49.34	-27.13	-3.18	11.44	0.00	0.00	5.96
45	-5.90	33.90	-18.07	-56.89	3.92	5.86	3.41	9.26	1.935
46	-5.89	31.72	19.56	-26.01	11.27	-0.00	7.90	18.49	24.30
47	-4.98	22.56	-1.71	-22.89	-59.90	-12.02	7.80	26.06	27.12
48	-1.90	11.78	-20.54	-5.44	17.71	-16.24	7.83	26.83	26.45
49	0.00	7.78	-25.27	-22.35	17.77	-22.24	9.94	25.79	22.12
50	0.00	-1.61	7.932	-9.53	16.00	-25.10	11.96	24.61	9.70

RECORDS=236  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENT=N=S  
 SIGNAL=GR,ACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CURRETION=ARC,ERR.  
 FORMAT NO.=301  
 STATION=MIYAKO=S  
 TOTAL NUMBER OF DATA=11400

NO.	( 9000)	( 9050)	( 9100)	( 9150)	( 9200)	( 9250)	( 9300)	( 9350)	( 9400)	( 9450)
1	-0.00	25.27	-15.25	5.88	11.90	9.55	-12.95	-8.81	3.89	*24.61
2	-14.32	20.58	-8.29	3.39	11.90	11.96	-3.78	1.91	-0.00	-16.70
3	-23.61	7.74	3.02	-0.00	11.78	13.90	3.95	13.58	-18.14	*5.84
4	-25.90	-3.93	11.47	-1.90	7.85	13.90	18.75	18.14	*24.15	1.60
5	-25.62	-14.35	17.60	3.89	3.89	13.82	28.98	21.77	-25.51	10.12
6	-21.63	-24.10	13.75	13.18	1.90	11.82	33.88	26.19	-32.33	20.37
7	-2.97	-25.56	12.98	-15.26	0.	9.04	33.35	27.90	-15.09	25.25
8	9.99	-25.81	9.54	-15.86	0.	-0.00	29.93	27.58	0.00	25.37
9	14.40	-24.07	1.40	-14.95	-0.00	-3.92	20.86	24.82	3.21	23.13
10	26.00	-15.42	-1.90	*9.74	-1.70	-9.65	11.66	13.25	5.89	16.64
11	32.30	-13.57	-7.55	*1.90	-3.30	11.96	3.78	1.90	5.00	7.78
12	33.65	-5.66	-11.79	5.72	-1.60	-13.90	-3.01	-3.92	5.91	*1.20
13	33.48	0.00	-11.38	10.12	1.00	-13.90	-7.93	-9.30	7.90	-13.94
14	31.22	7.95	-6.89	19.98	3.91	-13.90	-9.94	-9.01	8.03	*22.10
15	21.88	12.02	0.00	22.11	7.65	-13.90	*11.96	-3.90	11.02	*17.50
16	11.15	16.01	5.93	24.09	11.26	-3.89	*13.49	-3.90	9.92	*23.12
17	-1.20	17.90	9.65	25.40	13.59	0.00	-5.76	-3.58	12.02	*11.61
18	-9.93	17.77	14.09	24.93	15.98	7.92	0.00	1.90	15.99	-1.80
19	-13.87	15.75	17.90	21.50	17.61	9.61	7.13	5.78	17.50	3.82
20	-17.90	12.94	17.77	17.50	22.11	9.90	9.99	3.50	17.15	10.03
21	-17.77	10.93	15.66	11.72	23.90	9.89	13.95	3.89	11.72	16.00
22	-13.65	1.00	11.94	5.86	23.90	9.57	14.94	1.40	5.87	17.80
23	-10.86	-0.00	9.13	*0.00	23.60	7.89	13.62	0.	1.40	17.54
24	-1.90	-3.92	-0.00	-7.18	20.18	7.20	11.63	0.00	-3.93	13.64
25	9.93	-9.70	-6.82	-14.62	7.77	-1.60	9.33	5.95	-13.71	9.75
26	14.25	-9.86	-11.94	-23.46	-1.91	-5.94	5.81	12.08	-14.40	7.16
27	22.74	-7.87	-13.28	-23.66	-16.66	-11.92	*5.74	17.80	-25.04	3.89
28	30.72	5.48	-15.20	-21.13	-24.29	-15.70	-12.02	22.09	-25.06	1.70
29	37.73	1.90	-13.47	-13.47	-27.47	-15.56	-16.25	23.69	-22.87	3.61
30	41.90	0.00	-12.77	-2.89	-30.15	-12.66	-24.99	23.40	-17.74	5.90
31	40.40	3.91	-3.79	1.91	-28.78	-3.28	-22.19	21.45	-15.32	5.91
32	36.21	5.60	0.00	9.66	-17.22	3.92	-14.71	16.73	-11.61	7.24
33	19.11	5.90	5.23	22.33	-7.33	11.55	-1.10	7.85	-1.90	1.90
34	9.66	5.91	9.83	26.19	-1.10	20.31	7.81	3.87	3.62	1.90
35	-1.91	7.95	11.67	27.58	10.08	26.90	24.03	-5.50	12.23	1.20
36	-14.34	11.46	10.96	23.61	17.99	34.22	31.04	*20.50	22.11	0.00
37	-24.32	17.16	15.23	23.52	15.10	35.31	36.04	-28.11	25.29	1.60
38	-27.54	19.67	13.98	19.84	17.73	35.65	37.76	-31.27	35.41	3.70
39	-24.68	21.63	13.33	3.88	15.11	32.14	35.98	-31.07	40.06	4.99
40	-17.38	22.08	11.50	-3.02	11.29	18.04	28.64	-27.26	41.42	3.90
41	-9.70	23.60	7.80	-13.20	7.26	-3.95	17.26	-22.56	41.11	3.50
42	0.00	22.24	-9.00	-16.00	3.91	-12.15	7.97	-11.66	38.62	1.90
43	8.01	10.62	-1.50	-17.42	5.99	-20.25	5.81	-3.89	33.20	1.90
44	16.33	-0.00	5.50	-11.66	4.99	-24.56	-5.74	-3.89	18.80	1.90
45	23.89	3.53	3.48	-3.89	3.91	-29.34	-12.15	24.70	3.85	1.90
46	28.54	-14.34	-0.10	0.00	7.20	-32.82	*20.77	33.67	5.94	1.90
47	34.94	-23.52	-1.10	7.95	7.20	-35.19	*32.35	34.41	-15.11	1.90
48	36.69	-25.84	3.51	12.00	7.20	-31.89	*32.08	33.92	-22.03	0.
49	33.70	-27.78	5.90	15.21	7.20	-25.85	*24.90	26.11	-27.40	0.00
50	31.96	-25.58	5.90	13.34	7.02	-17.59	*18.67	15.28	-27.13	1.90

NO.	( 9500 )	( 9550 )	( 9600 )	( 9650 )	( 9700 )	( 9750 )	( 9800 )	( 9850 )	( 9900 )	( 9950 )
1	1.90	25.90	-24.15	13.53	-10.96	13.90	-15.10	-5.89	-5.86	3.70
2	1.90	25.81	-26.16	11.76	-8.46	13.57	-14.95	-3.89	0.00	3.91
3	-0.00	24.57	-27.10	7.12	0.00	7.85	-11.66	-1.20	8.00	5.91
4	-3.30	18.79	-23.66	0.00	7.37	3.89	-3.88	0.00	15.24	7.50
5	-5.14	7.77	-21.12	-9.59	13.28	1.80	-3.88	3.31	20.25	7.90
6	-11.46	-1.91	-13.34	-13.98	17.81	1.90	9.37	5.92	25.04	7.89
7	-10.60	-14.42	-15.89	-15.89	17.90	-7.90	18.17	9.14	24.04	7.28
8	-13.47	-26.51	-13.47	9.41	-15.40	-7.95	21.52	11.52	25.02	5.90
9	-7.82	-32.53	20.64	-9.78	16.93	-11.42	19.90	11.96	21.96	5.79
10	-1.90	-27.83	28.98	-3.86	15.90	-11.90	13.56	13.72	11.18	3.90
11	1.20	-16.96	33.90	9.42	15.78	-11.90	12.94	11.88	-0.00	3.20
12	9.51	-5.83	33.90	15.89	13.63	-11.88	5.84	11.06	-9.89	1.70
13	20.26	3.92	33.42	19.51	11.96	-10.86	-7.95	9.54	-13.98	0.
14	25.12	11.32	29.46	23.10	13.86	-1.90	-7.95	1.50	-15.90	0.
15	25.90	16.06	16.14	23.90	15.23	0.00	-11.95	-1.60	-15.90	0.
16	24.90	24.91	7.84	23.90	15.79	5.95	-13.50	-3.90	-15.58	0.00
17	24.90	28.09	-1.91	23.90	15.90	12.02	-13.42	-3.90	-9.68	1.40
18	21.94	28.81	-13.75	20.95	13.78	16.12	11.21	-3.89	-3.89	1.50
19	10.95	27.50	-17.59	14.76	10.81	20.24	-7.87	-1.40	0.00	1.40
20	-1.91	24.62	-25.10	7.20	3.58	23.80	-5.88	1.90	5.91	0.
21	-13.44	18.78	-26.10	-1.91	-3.94	23.80	-3.29	5.91	7.20	0.
22	-22.53	11.05	-22.75	-11.43	-16.36	22.91	0.	7.90	7.10	0.
23	-27.73	5.35	-19.55	-15.90	-24.38	15.39	0.	7.90	7.10	0.
24	-27.58	-1.91	-15.50	-15.87	9.70	9.70	0.00	7.89	7.10	0.00
25	-25.62	-10.11	-13.47	-15.13	-27.58	-0.00	1.90	7.16	7.10	0.00
26	-25.43	-19.68	-7.80	-11.63	-24.50	-5.95	3.89	3.89	6.96	3.91
27	-19.41	-23.90	0.00	-5.87	-14.66	-12.02	5.91	1.80	-0.00	7.93
28	-13.49	-22.99	7.17	-1.90	-3.68	-16.01	7.92	1.80	0.00	9.94
29	-3.47	-15.59	15.38	0.00	1.91	-17.77	9.60	0.	-3.90	9.94
30	9.66	-9.74	18.18	5.49	9.98	-15.69	9.60	0.	-3.90	11.96
31	22.54	-1.90	22.01	6.91	13.69	-11.66	9.60	0.00	-3.90	13.86
32	25.13	1.40	25.34	7.70	15.99	-3.89	9.56	3.71	-3.90	12.96
33	35.47	7.45	25.86	7.90	17.51	7.27	7.11	7.11	-3.89	11.84
34	39.90	11.53	25.37	7.95	17.24	0.00	4.97	7.92	-1.00	3.76
35	39.08	16.12	25.43	9.97	11.78	7.80	0.00	9.44	5.62	3.18
36	33.98	20.07	14.21	13.40	7.82	7.82	-0.00	11.41	7.90	-3.71
37	22.35	22.02	11.25	13.40	1.90	11.20	-5.88	15.40	7.92	-7.95
38	9.66	23.19	9.41	13.40	-0.00	11.07	-3.78	15.39	9.37	-12.02
39	-1.91	23.90	-0.00	13.40	-3.90	9.89	1.50	15.20	7.89	-16.01
40	-14.62	23.90	-7.95	13.10	-3.90	9.17	5.93	12.90	7.24	-17.84
41	-30.37	23.90	-14.00	12.98	-3.90	7.70	9.97	5.77	1.90	-16.88
42	-37.08	23.61	-13.24	9.78	-3.90	7.40	13.32	1.30	-1.10	-15.00
43	-39.90	21.45	-13.01	3.88	-3.89	7.19	13.80	-1.90	-1.90	-12.89
44	-38.65	20.51	-13.06	-1.90	5.90	5.90	13.89	-5.94	-1.90	-9.70
45	-33.08	13.10	-13.64	7.98	1.80	5.67	13.63	-11.07	-1.90	0.00
46	-22.48	7.80	-7.31	-13.89	7.98	1.90	11.84	-13.61	-1.90	9.24
47	-11.31	-0.00	0.00	-16.01	13.90	-1.50	9.70	-13.95	0.	11.46
48	7.98	-10.03	7.05	-17.90	13.90	-7.05	-0.00	-15.20	0.00	13.52
49	14.30	-16.03	11.56	-17.76	13.90	-11.96	-3.91	-15.20	1.30	13.90
50	25.34	-20.25	13.00	-15.56	13.90	-14.05	-5.90	-14.76	3.70	13.82

STATION=NIYAKO=S  
TOTAL NUMBER OF DATA=11400

CORRECTION=ARC,ERR,  
FORMAT NO.=301

SIGNAL=GR,ACC,  
SAMPLING INTERVAL= 0.010(SEC)

COMPONENT=N=S  
DATE AND TIME=1968.05.16.09.49

NO.	(10000)	(10050)	(10100)	(10150)	(10200)	(11250)	(10300)	(10350)	(10400)	(10450)
1	11.87	-13.53	-0.30	7.19	9.51	3.70	-7.87	0.00	-1.90	13.15
2	10.92	-9.26	-0.30	5.90	9.90	3.70	-5.67	1.00	-1.90	11.88
3	7.87	-1.89	-1.90	5.89	9.90	3.70	-1.90	1.00	-1.40	11.11
4	5.57	5.95	-1.90	3.90	9.89	3.69	0.00	1.00	0.	7.82
5	1.60	12.15	-1.90	3.90	9.58	1.90	9.31	1.00	0.	1.90
6	-0.00	20.26	-1.90	3.89	9.90	1.90	15.20	3.90	0.	1.20
7	-1.90	25.31	-1.90	1.90	5.89	0.	18.98	5.20	0.	0.00
8	-1.90	27.30	0.00	0.	3.90	0.	17.49	5.91	0.	1.20
9	-0.80	26.66	9.91	0.00	6.79	0.	15.48	7.31	0.	1.90
10	-0.80	21.70	7.82	3.10	1.90	0.	7.68	7.90	0.	3.30
11	-0.90	9.39	9.35	3.90	1.90	0.	-1.91	7.90	0.	3.90
12	-0.09	-1.31	11.96	5.10	-0.00	0.	10.03	7.90	0.	3.90
13	-0.69	-16.48	13.90	5.90	-1.90	0.	16.01	7.86	0.	3.60
14	-1.00	-26.02	13.82	5.90	-1.90	-0.00	17.90	4.99	0.	3.10
15	1.70	-28.10	11.98	5.90	-1.90	-1.10	17.63	3.89	0.00	3.20
16	3.90	-27.28	11.25	5.70	0.	-1.20	13.58	1.90	1.20	3.89
17	5.90	-17.24	9.86	4.99	0.00	-1.20	-5.86	-0.00	1.20	1.90
18	7.90	-7.56	-0.00	3.90	1.00	1.90	0.00	-1.70	-0.00	1.90
19	9.90	3.22	-0.90	3.80	5.11	5.91	5.98	-3.90	-1.20	1.90
20	9.91	14.15	-0.90	3.29	9.61	7.98	9.99	-5.20	-3.70	1.30
21	7.11	20.05	-0.90	0.	9.90	14.05	13.96	-5.30	-4.00	0.
22	7.90	23.81	-0.90	0.	9.90	17.30	15.30	-5.19	-5.29	0.
23	7.90	24.06	-0.89	0.	9.90	17.40	15.22	-3.09	-3.89	0.
24	7.90	25.30	0.00	-1.10	9.70	15.68	13.46	0.00	-2.00	0.
25	7.89	25.35	7.65	-1.80	4.97	11.48	9.85	-1.30	-1.30	0.
26	7.26	20.58	9.60	-1.80	-0.00	3.88	7.81	5.22	0.00	0.
27	9.90	7.69	9.61	0.00	-1.60	-1.91	-0.00	7.80	5.93	0.
28	9.90	-1.10	9.90	1.90	-1.90	-13.48	-5.20	7.80	9.88	0.00
29	9.90	-10.08	9.86	7.12	-1.90	-17.70	-5.50	7.80	13.61	1.10
30	9.90	-18.29	7.85	9.61	-1.90	-17.45	-5.48	7.87	13.96	1.90
31	9.90	-22.92	6.88	9.90	-1.10	-13.82	-1.90	5.89	15.29	3.30
32	9.90	-19.90	-0.92	9.90	0.	-11.70	0.00	3.89	14.91	3.30
33	9.90	-19.67	-0.90	9.90	0.00	-5.07	5.91	1.80	13.05	3.30
34	9.90	-16.79	-0.90	9.86	6.60	0.00	7.93	-0.00	8.91	1.40
35	9.51	-11.66	-0.90	7.82	5.60	0.00	9.90	-1.50	3.59	0.
36	9.90	-3.87	-0.90	1.90	5.29	9.70	9.90	-0.00	0.00	0.
37	9.90	5.98	-0.59	-1.10	3.69	9.90	9.90	-1.90	-3.92	0.
38	9.90	16.04	-0.90	-0.91	0.	9.88	9.85	3.41	-1.91	-3.92
39	9.90	21.90	-0.50	-0.90	0.	8.77	7.60	5.91	-9.99	-9.31
40	9.90	22.07	-1.90	-0.90	0.	7.19	-0.00	7.92	-13.96	-9.70
41	5.59	23.28	0.	-0.89	0.	5.90	-0.00	9.61	-15.39	-9.68
42	9.90	21.06	0.00	-0.89	0.00	5.90	-5.93	9.90	-15.15	-3.89
43	9.90	15.58	3.10	1.90	1.90	5.90	-9.90	9.90	-11.83	-1.90
44	9.88	9.68	9.91	0.00	3.60	5.40	-9.89	9.89	-9.58	1.90
45	-1.91	3.88	5.90	1.50	3.90	5.00	-9.24	9.33	-0.59	7.43
46	-10.03	-1.20	5.91	3.90	3.90	5.00	-5.90	5.88	0.00	9.97
47	-10.22	-1.90	7.20	3.90	3.90	4.98	-5.49	3.19	3.91	13.21
48	-21.51	-6.90	7.20	3.90	3.90	1.00	-3.49	0.	7.95	13.50
49	-21.24	-4.99	7.20	5.91	3.80	-0.00	-1.10	-0.00	11.41	13.66
50	-17.62	-3.90	7.20	7.92	3.70	-7.90	0.	-1.50	11.94	9.84
								-1.90	13.20	6.93

RECORD=S-256 COMPONENT=N-S SIGNAL=GR.ACC. CURVECTION=AR,ERR. STATION=HIYAKU-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11400

NO.	(10200)	(10550)	(10600)	(10650)	(10700)	(13750)	(10800)	(10850)	(10900)	(10950)
1	-0.00	7.50	-17.90	0.	1.00	-9.78	-9.98	0.00	5.02	1.90
2	-1.90	7.93	-17.59	-0.00	1.90	-3.89	13.80	1.80	7.82	1.40
3	-3.90	9.90	-12.94	-1.70	3.31	-1.90	13.90	1.90	9.21	1.40
4	-5.89	9.90	-5.86	-3.60	7.90	1.90	13.73	1.90	9.70	1.80
5	-6.89	9.90	0.00	-6.90	7.90	7.94	-9.70	1.90	9.80	1.80
6	-1.90	9.86	7.62	-3.90	7.92	11.22	-4.98	3.00	9.89	1.80
7	-1.90	7.84	9.25	-3.40	9.30	11.94	-1.90	3.00	9.57	1.80
8	-1.70	3.39	12.01	-1.60	9.23	13.22	0.00	3.50	7.82	0.
9	-1.30	-0.00	12.62	1.90	5.46	13.63	5.81	3.50	1.90	0.
10	-1.20	-3.93	12.97	7.91	-0.00	11.83	7.41	1.90	0.	0.00
11	-1.20	-11.71	17.03	7.92	1.40	9.59	7.89	0.	-0.00	1.90
12	0.	-11.90	12.69	9.20	-3.92	3.89	7.19	0.	-1.90	1.90
13	0.00	-11.90	12.00	9.37	-9.93	0.00	5.88	-1.90	-1.90	3.60
14	1.20	-11.82	11.77	7.87	-10.97	-3.00	3.59	-0.00	-1.90	3.60
15	3.91	-5.87	7.56	7.56	-5.89	-3.91	1.60	-1.20	-1.90	3.60
16	7.92	-1.90	3.99	0.	-3.89	-7.70	1.60	-1.50	-3.10	3.60
17	7.74	1.40	-0.00	-0.00	0.00	-7.89	1.60	-1.50	-3.10	1.90
18	11.80	7.33	-2.00	-1.90	9.28	-7.16	1.40	-1.00	-3.10	1.90
19	11.89	9.94	-2.91	-3.40	13.52	-3.90	0.	0.00	-3.10	0.
20	11.50	11.90	-7.18	-3.90	13.95	-3.90	0.	1.90	-3.10	0.
21	7.81	11.94	-2.77	-3.90	15.13	-3.40	0.	3.90	-3.10	-0.00
22	1.40	13.20	-1.90	-3.90	13.63	-1.50	0.	3.90	-1.70	-1.90
23	-1.90	13.15	-1.90	-3.90	11.72	1.90	0.	5.10	-1.30	-1.90
24	-5.92	11.84	-1.20	-3.90	5.89	5.93	0.00	5.10	-1.10	-1.90
25	-9.01	9.90	1.70	-3.90	9.41	9.41	-1.00	4.99	-1.00	-1.60
26	-7.49	9.81	2.00	-6.89	-1.90	9.88	-1.00	3.79	-1.00	3.91
27	-8.95	5.37	2.91	-1.90	-7.41	11.00	-1.60	3.79	-1.00	5.91
28	-5.88	-0.00	7.90	0.00	-7.90	11.26	0.00	1.90	0.00	7.93
29	-5.79	-3.21	7.91	3.61	-7.90	9.81	1.90	1.50	0.00	11.41
30	0.00	-7.25	8.97	5.72	-7.89	5.66	3.30	1.90	1.90	11.90
31	3.91	-11.96	7.26	7.94	-7.87	0.00	3.90	0.	5.91	11.84
32	7.73	-14.04	3.89	11.22	-5.09	-5.03	3.89	0.	7.73	9.82
33	9.73	-17.20	-0.00	11.89	-3.49	-9.97	1.30	0.	9.84	5.86
34	11.02	-16.97	-1.90	11.50	-1.40	-13.11	0.00	11.90	11.90	-0.00
35	11.94	-13.33	-3.91	11.46	0.00	-15.10	-1.70	0.00	11.89	-1.90
36	15.23	-8.97	-5.70	9.84	3.91	-15.79	-3.30	5.11	11.39	-7.93
37	13.88	-1.69	-2.67	7.16	5.91	-13.69	-3.90	7.41	7.62	-9.90
38	13.42	7.25	-1.90	3.69	7.93	-1.10	-3.30	7.91	1.20	-9.90
39	13.87	12.16	0.00	0.00	9.93	5.73	-3.30	7.91	0.00	-9.84
40	13.05	20.07	2.93	-0.00	11.22	9.99	0.00	9.18	-0.00	-3.51
41	11.57	22.11	9.84	-1.00	14.16	14.16	3.91	7.87	-9.90	-1.90
42	3.89	24.15	11.93	-1.00	11.90	19.99	5.91	5.87	-9.90	0.00
43	-0.00	25.90	13.00	-1.90	11.82	21.00	5.91	1.50	-9.62	1.90
44	-3.91	25.62	12.96	-1.90	8.97	20.90	6.99	-1.00	-5.90	3.20
45	-7.93	22.77	11.88	-1.80	1.90	19.68	5.89	-3.90	-5.28	3.10
46	-9.90	13.74	11.55	0.	-1.90	17.06	3.89	-3.90	-1.90	1.90
47	-9.84	9.70	4.82	0.	-3.92	14.73	1.90	-5.08	0.00	0.
48	-7.06	-0.00	3.87	0.	-9.90	9.07	0.	-1.90	1.60	0.
49	-3.19	1.50	1.50	0.00	-9.90	1.90	0.	0.	1.50	0.
50	1.50	-14.07	0.	1.00	-9.90	-3.11	0.	0.00	1.90	0.00

NO.	(11000)	(11050)	(11100)	(11150)	(11200)	(11250)	(11300)	(11350)	(11400)	(11450)
1	1.90	0.	-1.10	3.69	9.93	-1.50	3.50	7.10	0.	0.
2	3.91	0.	0.	1.90	11.17	-1.50	-1.90	7.11	0.	0.
3	5.91	0.00	0.	0.	9.82	-1.60	0.00	7.60	0.	0.
4	7.90	1.20	0.	0.	5.87	0.00	1.40	7.90	0.	0.
5	7.90	1.90	0.	0.	1.90	1.40	7.91	7.90	0.	0.
6	7.90	3.50	-0.00	0.	-3.51	3.50	9.02	7.90	0.	0.
7	7.87	1.90	-1.90	0.	-9.14	3.90	9.90	7.84	0.	0.
8	5.89	1.90	-1.90	0.	-11.31	3.90	9.90	5.29	0.	0.
9	3.90	0.	-1.90	0.00	-11.40	3.90	9.86	-0.00	0.	0.
10	3.80	-0.00	-1.90	1.90	-7.85	3.90	7.87	-1.40	0.	0.
11	3.91	-1.00	0.00	3.80	-3.89	3.90	5.90	-3.80	0.	0.
12	5.91	-1.80	1.50	5.40	-1.40	3.59	5.90	-3.91	0.	0.
13	7.70	-1.90	3.91	5.40	1.90	1.20	5.59	-5.60	0.	0.
14	7.90	-1.90	7.93	5.19	7.55	0.	3.90	-5.49	0.	0.
15	7.90	-3.10	9.80	3.79	11.47	-0.00	3.89	-3.90	0.	0.
16	7.87	-3.90	9.90	1.60	13.80	-1.90	1.60	-3.69	0.	0.
17	5.37	-5.90	9.90	-0.00	13.72	-1.90	0.00	-1.90	0.	0.
18	-0.00	-5.90	9.90	11.70	11.81	-1.90	-1.90	0.00	0.	0.
19	-3.92	-3.99	7.86	3.90	8.86	-1.90	-5.80	5.91	0.	0.
20	-9.57	0.00	7.85	-3.90	1.60	-1.90	-5.90	7.50	0.	0.
21	-13.51	3.91	3.89	-3.90	-1.70	-1.70	-5.89	7.90	0.	0.
22	-13.51	5.90	-0.00	-3.89	-1.90	0.00	-3.89	7.90	0.	0.
23	-13.72	5.90	-3.91	-1.90	-7.90	3.81	-1.90	7.87	0.	0.
24	-11.78	5.90	-5.71	0.	-7.87	5.61	0.00	5.90	0.	0.
25	-7.82	5.90	-7.50	0.00	-5.68	7.10	3.90	5.79	0.	0.
26	-1.90	5.89	-7.48	1.90	-3.40	7.10	3.90	3.90	0.	0.
27	0.00	3.90	-5.87	1.90	-1.50	7.10	3.90	3.00	0.	0.
28	7.01	3.89	-1.90	1.90	1.20	7.07	3.90	1.30	0.	0.
29	7.92	1.90	0.00	1.90	7.60	3.89	3.39	0.	0.	0.
30	9.60	0.	6.91	1.50	7.58	1.00	1.00	0.	0.	0.
31	9.60	0.	7.42	0.	5.90	-0.00	-0.00	0.	0.	0.
32	4.97	0.	9.20	0.	5.87	-3.51	-1.60	0.	0.	0.
33	-0.00	0.00	9.20	0.00	1.90	-5.70	-3.50	0.	0.	0.
34	-6.10	1.00	9.18	0.00	-3.60	-5.89	-3.90	0.	0.	0.
35	-3.60	1.80	7.85	1.50	-3.91	-4.98	-3.90	0.	0.	0.
37	-3.90	1.90	4.09	1.50	-5.70	0.00	-3.40	0.	0.	0.
38	-3.20	3.41	0.	1.50	-5.08	5.62	-1.70	0.	0.	0.
39	-1.90	7.50	-0.00	0.	-1.90	9.21	-1.20	0.	0.	0.
40	-1.30	7.60	-1.00	0.	0.00	9.70	0.00	0.	0.	0.
41	0.00	7.58	-3.60	0.	1.90	9.86	1.90	0.	0.	0.
42	1.60	5.87	-5.10	0.	3.91	7.89	2.00	0.	0.	0.
43	3.90	1.20	-2.09	0.	5.70	7.04	3.40	0.	0.	0.
44	3.90	-0.00	-3.50	0.	5.89	1.60	3.40	0.	0.	0.
45	3.90	-3.00	-1.90	0.00	3.90	-1.40	3.40	0.	0.	0.
46	3.00	-5.50	-1.90	1.90	3.90	-3.61	3.40	0.	0.	0.
47	1.30	-5.80	-1.70	3.91	3.59	-3.90	3.30	0.	0.	0.
48	0.	-5.89	-1.20	7.42	0.	-7.90	3.90	0.	0.	0.
49	0.	-3.90	0.00	9.02	-0.00	-7.87	3.91	0.	0.	0.
50	0.	-5.49	3.70	9.90	-1.40	-5.88	5.81	0.	0.	0.

RECORDS=266  
DATE AND TIME=1968.05.16.09.49

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

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

STATION=MIYAKO-S  
TOTAL NUMBER OF DATA=11400

RECORD=S-236  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENT=E-W  
 SIGNAL=WR.ACC.  
 CORRECTION=ZERO.ARC  
 STATION=HIYAKO-S  
 TOTAL NUMBER OF DATA=11400

NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	9.16	1.95	-7.99	6.78	-3.57	-2.92	-2.96	5.42	13.48	-7.89
2	-3.67	-0.04	-7.96	-2.04	-2.57	-2.52	-3.37	9.12	9.24	-7.56
3	5.50	-0.35	-5.97	7.90	-1.18	-2.02	-4.07	16.31	8.99	-4.38
4	5.99	-0.35	-4.07	-13.01	-0.18	-0.92	-4.97	21.65	5.02	-0.40
5	4.38	-0.05	1.61	-17.77	1.32	-0.92	-6.17	22.19	-0.35	4.41
6	1.00	0.65	8.26	-19.64	1.32	-0.92	-6.97	21.87	-2.86	4.90
7	-0.91	1.85	-2.03	-19.20	-0.18	-0.22	-6.84	18.47	-6.29	4.60
8	-2.91	2.25	19.07	-13.85	-0.68	-0.68	-4.36	10.54	-10.26	3.60
9	-4.71	3.65	19.81	-7.09	-2.28	3.68	-3.26	4.65	-10.21	3.00
10	-4.70	3.85	19.57	-4.38	-4.38	4.88	-0.27	-2.63	-8.33	2.00
11	-2.01	5.65	16.64	-0.14	-4.68	6.08	1.63	-10.32	-6.73	1.60
12	0.69	6.05	12.29	0.56	-4.78	7.17	4.13	-15.05	-3.75	1.40
13	2.69	6.05	5.85	1.76	-3.18	6.67	5.63	-17.74	-0.36	0.30
14	3.89	6.14	-1.60	5.36	-2.09	6.07	5.73	-19.52	5.34	-0.40
15	3.88	5.83	-4.81	5.77	-1.39	5.55	6.13	-19.11	5.99	-2.51
16	1.39	3.94	-6.61	6.96	-0.19	2.61	6.12	-13.94	6.63	-4.01
17	-1.72	1.74	-8.01	7.75	-0.19	-0.66	6.12	-5.27	5.41	-4.01
18	-3.92	-0.06	-8.50	7.75	3.72	-4.14	6.12	2.39	0.84	-5.63
19	-4.62	-0.76	-8.50	7.63	5.51	-7.19	6.12	9.66	-2.07	-8.16
20	-4.60	-1.96	-8.29	5.84	5.71	-12.26	6.12	13.58	-3.27	-11.41
21	-2.01	-2.56	-7.57	3.84	6.21	-16.16	6.11	13.48	-4.27	-11.37
22	2.38	-3.16	-5.10	1.25	6.19	-16.84	5.01	8.60	-4.87	-9.74
23	2.38	-3.66	-3.30	-0.15	4.79	-16.44	3.70	3.66	-5.36	-6.40
24	3.48	-3.66	-1.91	-0.15	1.80	-12.93	-1.58	-2.33	-4.37	-4.41
25	3.88	-3.66	0.59	-0.15	-1.10	-4.62	-6.03	-8.06	-3.37	-2.41
26	4.58	-3.26	3.80	-0.15	-3.90	-0.24	-11.52	-10.30	-2.67	2.29
27	4.57	-2.07	6.40	-0.15	-6.33	6.49	-16.40	-13.27	-5.32	6.51
28	2.97	-1.87	7.81	-0.15	-10.40	9.75	-19.98	-14.20	-3.98	9.76
29	0.08	-1.27	9.60	-0.16	-10.35	14.17	-19.51	-11.17	-4.57	13.45
30	-0.05	-1.27	9.99	-0.66	-8.05	14.46	-14.95	-5.50	-4.77	17.68
31	-0.33	-1.97	9.97	-2.06	-4.59	14.35	-8.17	-0.33	-4.76	17.67
32	-1.03	-2.37	8.95	-3.26	-1.20	12.01	-0.29	6.00	-1.38	17.29
33	-1.03	-3.57	6.96	-3.66	4.52	7.46	7.68	10.34	1.42	14.32
34	-1.43	-3.77	4.27	-3.66	8.94	-2.25	13.51	13.57	4.22	8.68
35	-1.43	-3.46	-0.12	-2.56	11.34	-4.17	13.43	13.45	4.62	2.57
36	-1.43	-0.07	-4.03	-0.16	13.09	-10.20	9.04	10.53	4.02	-4.65
37	0.17	3.83	-8.90	4.55	12.89	-12.25	5.29	4.85	2.61	-10.11
38	1.87	5.84	-16.93	7.74	9.93	-12.06	2.70	1.66	-0.38	-18.33
39	1.87	7.85	-16.51	8.34	6.73	-9.16	-0.40	-3.86	-2.28	-18.33
40	1.27	10.13	-16.29	8.33	0.19	-4.04	-2.20	-9.76	-3.48	-18.33
41	-0.31	10.31	-15.87	7.82	-2.11	-1.25	-6.23	-15.78	-3.38	-18.05
42	-0.03	9.88	-8.03	6.80	-4.02	2.05	-10.24	-18.57	-1.38	-13.97
43	-1.54	7.85	-1.12	3.82	-5.41	5.14	-12.26	-22.74	-0.39	-5.90
44	-1.74	2.32	6.39	-0.17	-5.61	5.14	-14.04	-22.26	1.91	-1.43
45	-1.74	-0.08	14.07	-2.57	-5.61	3.74	-14.90	-17.62	2.11	2.17
46	-0.04	-1.78	-4.17	-4.08	-4.11	2.14	-14.77	-10.17	1.01	2.17
47	2.66	-2.49	24.87	-6.08	-4.11	-0.16	-13.86	-2.34	-1.09	1.37
48	5.16	4.79	24.49	-6.67	-4.12	-0.66	-8.22	-2.59	4.10	0.97
49	3.59	-5.99	21.29	-4.11	-4.11	-1.26	-2.50	11.62	-6.21	1.27
50	3.95	-6.60	12.41	-6.87	-3.62	-2.16	-0.30	14.03	-7.89	3.27

RECORD=S-236  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENTS=W  
 SAMPLING INTERVAL= 0.050 (SEC)  
 SIGNAL=QR.ACC.  
 CURRENT#ZERO.ARO  
 FORMAT NO.=301  
 STATION=NTYAKO-S  
 TOTAL NUMBER OF DATA=11400

NO.	( 500)	( 600)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	7.29	-6.22	-6.37	-18.52	-17.69	14.90	4.86	-20.31	50.93
2	9.32	-6.23	-6.36	-13.26	-12.59	14.73	4.86	-25.18	48.26
3	12.38	-6.23	-4.96	-4.40	-4.63	11.12	5.16	-28.43	35.54
4	12.86	-6.23	-3.17	-0.61	1.24	8.24	5.81	-29.07	20.19
5	12.77	-6.74	-1.57	5.89	7.05	4.28	6.47	-28.01	0.83
6	10.07	-8.23	1.73	6.88	7.66	-0.70	7.97	-21.49	17.86
7	5.92	-8.43	3.13	6.85	9.04	-4.21	9.15	-21.59	28.57
8	0.56	-8.40	3.43	3.37	9.27	-6.24	9.13	13.44	27.66
9	-3.85	-6.52	3.42	-1.62	10.74	-10.64	9.11	13.44	27.66
10	-6.20	-2.83	3.02	-3.35	11.04	-12.11	9.11	21.72	19.93
11	-12.49	-5.03	1.42	-10.75	11.03	-12.01	5.02	23.61	12.90
12	-16.84	-3.19	-3.92	-16.08	10.66	-8.74	-0.75	18.06	5.68
13	-18.35	-4.20	-3.69	-18.84	7.69	-4.30	-2.96	23.61	5.02
14	-18.08	-5.90	-3.79	-20.22	4.61	-4.71	-4.67	12.96	0.84
15	-14.08	7.00	3.67	-19.71	-1.57	5.21	-8.74	6.34	16.52
16	-5.81	7.99	4.76	-15.13	-1.57	5.21	-8.74	-0.40	23.15
17	-0.45	4.86	4.86	-13.72	-7.03	8.87	-14.17	-4.51	-28.41
18	5.58	3.48	5.36	-6.59	-12.74	13.93	-16.85	-6.51	-51.66
19	10.55	3.41	5.76	-2.42	-17.64	14.81	-19.91	-7.52	63.89
20	10.64	7.24	5.45	5.61	-18.57	13.06	-20.31	-8.91	-34.74
21	10.46	10.33	5.75	11.46	-18.59	7.24	-18.33	-9.51	-34.74
22	6.92	15.94	1.36	20.37	-15.59	3.27	-12.42	-10.12	-34.30
23	4.63	16.63	7.57	20.37	-6.82	3.27	-12.42	-10.12	-34.30
24	0.94	-2.44	13.52	20.31	-1.18	-6.63	-2.75	-10.70	-32.50
25	-0.96	-4.46	11.26	16.87	-1.08	-7.68	10.09	-10.71	-32.50
26	-6.97	-7.84	9.26	9.20	-2.08	-8.68	17.07	-10.70	-17.02
27	-6.46	-1.21	6.45	0.37	-3.38	-6.68	19.25	-10.25	-4.76
28	-6.45	-5.54	-0.59	0.37	3.38	-2.72	20.59	-7.79	12.49
29	-5.44	-4.34	-5.92	-7.43	-4.59	-0.72	21.05	-6.59	26.52
30	-2.46	-0.95	-9.68	-15.66	-4.59	4.58	20.15	-4.81	39.42
31	1.44	-15.91	2.35	-21.67	-6.59	5.78	18.70	-4.41	51.41
32	4.14	-15.86	4.95	-22.75	-6.44	5.76	11.95	-4.72	56.12
33	4.13	-14.93	5.65	-21.50	-6.44	5.76	11.95	-4.72	56.57
34	2.73	-16.37	6.15	-16.37	-2.08	3.66	3.21	-6.03	51.23
35	-0.47	-11.21	6.15	-12.59	0.98	-0.73	-6.75	-8.14	41.47
36	-2.37	-7.46	6.14	-6.66	1.72	-2.43	-5.01	-10.00	28.60
37	-4.58	-3.50	5.24	-5.02	-1.84	-2.83	-13.20	-9.09	12.64
38	-6.98	-0.51	3.83	-2.00	2.41	-2.73	-27.55	-7.73	-0.86
39	-8.17	7.43	7.40	5.70	2.71	-2.13	-30.87	-1.22	-11.15
40	-8.14	11.04	-2.46	16.33	2.71	-0.73	-28.72	7.13	-25.89
41	-6.05	13.06	-4.27	20.20	1.21	-0.73	-22.67	12.11	-35.32
42	-3.47	13.39	-0.26	21.52	0.71	-0.23	-22.67	12.11	-35.32
43	-2.57	9.62	19.98	23.88	-2.69	-0.53	-6.60	19.13	-46.65
44	-2.57	6.44	12.25	22.96	-2.39	-1.14	11.40	19.65	-51.07
45	-2.48	1.48	7.71	19.33	-4.61	-2.64	21.63	19.28	-45.57
46	-2.58	0.52	4.54	13.09	-7.61	-4.64	27.23	17.57	-35.61
47	-1.02	1.34	1.39	8.29	-7.61	-4.64	27.23	17.57	-35.61
48	-2.58	1.43	-4.56	-0.65	-8.66	-4.64	25.42	-0.83	-8.73
49	-3.08	-2.47	-10.62	-6.63	-6.67	-4.63	18.47	-8.89	-0.17
50	-0.48	-4.48	-17.41	-14.83	-4.18	-2.73	9.06	-18.85	8.98
			-20.56	1.00	7.05	0.76	-28.81	-5.95	17.84
			-22.17	11.90	4.86	3.16	-37.83	-47.176	25.71
							-14.74		31.92

RECORD=S-236  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENT==P  
 SIGNAL=GR,ABC  
 CURRECTION=ZERO,ARC  
 STATION=MIYAKO-S  
 TOTAL NUMBER OF DATA=11400

NO.	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	33.53	-56.88	22.29	-7.00	-19.29	12.56	51.79	-59.18	-9.51	
2	40.50	-42.55	28.77	-6.94	19.25	3.83	31.33	-33.53	-28.67	
3	51.35	-47.75	23.85	-1.00	7.80		-7.99	0.48	-45.40	
4	58.03	-52.97	27.87	9.07	19.81	49.08	20.10	13.04	-55.06	
5	58.62	-52.82	24.04	19.53	19.59	53.41	-24.65	24.06	-66.67	
6	52.23	-47.92	10.56	26.23	32.78	-38.09	-37.88	37.88	-72.56	
7	41.72	-36.27	8.88	30.04	47.46	-42.45	-52.15	47.24	-73.79	
8	26.82	-19.22	0.03	27.64	16.36	53.74	-52.20	46.19	-66.72	
9	9.61	-0.92	-9.04	0.02	6.82	2.79	-54.06	-71.01	-19.46	
10	-13.24	20.77	-19.18	11.76	-5.03	-19.44	-53.57	38.83	19.46	
11	-26.65	4.88	-23.72	4.36	-18.83	-31.82	-68.71	28.87	33.66	
12	-41.22	5.52	-29.56	-2.93	-30.28	-45.47	-60.47	17.48	63.58	
13	-57.06	59.07	-39.13	-9.04	-37.89	-52.54	-68.35	-13.48	77.85	
14	-69.99	51.12	-39.66	-15.99	-43.96	-51.09	-33.94	-22.50	93.36	
15	-69.82	39.54	-48.68	-21.30	-42.68	-19.42	-16.86	-27.80	96.71	
16	-68.16	27.13	-53.25	-27.34	-38.18	24.63	17.31	-32.30	88.75	
17	-54.77	16.36	-68.07	-50.62	-23.67	39.75	17.11	-35.48	76.23	
18	-40.92	5.01	-73.96	-29.22	-14.15	15.29	13.94	-32.06	59.97	
19	-11.79	-5.71	-81.55	-22.14	4.92	26.10	10.91	-26.26	37.42	
20	50.02	-17.49	-88.08	-14.33	38.21	55.85	7.34	-14.38	10.79	
21	61.43	-26.68	-68.86	-5.93	52.43	49.35	1.80	-1.23	-19.44	
22	68.89	-25.79	-39.41	3.93	67.10	33.78	-4.52	20.54	-30.16	
23	61.74	-18.21	-10.21	19.52	69.30	51.69	-8.91	54.23	-38.21	
24	40.70	-8.77	9.14	30.90	67.95	44.69	-7.58	39.65	-51.52	
25	10.11	0.96	21.97	30.80	60.80	34.62	-17.58	64.17	-58.96	
26	0.10	5.78	33.33	42.54	4.86	21.36	-26.37	65.02	-61.96	
27	-13.34	9.03	43.33	37.53	7.89	35.79	-4.59	60.45	-54.10	
28	-30.39	12.98	49.96	27.20	-9.23	38.26	-1.40	53.60	-44.27	
29	-40.95	19.21	50.84	16.84	-24.66	-35.26	1.30	33.55	-64.12	
30	-54.44	22.16	45.85	1.96	-38.120	-25.99	4.51	2.65	-20.38	
31	-68.01	22.45	38.88	13.29	-50.57	-18.49	8.53	2.63	-20.04	
32	-74.22	25.06	30.15	-29.17	-63.64	-54.19	-10.00	10.74	-9.03	
33	-81.60	26.31	20.30	-41.96	-81.18	-59.52	-2.95	12.69	29.09	
34	-82.00	25.14	12.70	-49.44	-81.18	-58.01	4.77	12.66	31.30	
35	-70.65	19.27	3.99	-48.83	-76.82	-48.75	11.74	-53.26	30.84	
36	-44.56	17.63	-4.70	-40.60	-66.11	-36.16	14.35	10.16	-65.13	
37	-18.99	8.95	-4.70	-27.23	-51.73	-22.76	14.66	8.99	-74.72	
38	1.60	3.04	-11.11	-8.73	-42.68	-11.89	13.00	-82.95	4.07	
39	17.95	-3.87	-19.55	9.26	54.62	-4.62	10.31	-84.21	-5.22	
40	36.23	-8.92	-20.53	30.46	65.90	-2.63	15.71	-71.66	-9.31	
41	50.99	-12.88	-24.24	38.37	80.24	-2.81	19.70	-47.16	-15.51	
42	62.68	-13.55	-17.99	42.31	95.40	6.82	18.17	-21.12	-21.46	
43	68.75	-13.17	-4.93	40.70	13.05	-8.73	9.96	13.83	-23.26	
44	59.34	-5.92	-4.93	36.54	28.09	-6.23	-0.22	39.88	-18.89	
45	47.88	-8.96	0.99	28.66	14.19	-1.17	-9.52	44.63	-16.19	
46	29.25	2.95	12.00	19.08	46.24	13.14	-21.09	47.90	-13.84	
47	-0.92	7.96	16.67	8.79	-38.95	39.97	-34.19	51.51	-5.29	
48	-11.05	5.96	14.82	-1.05	-58.95	56.97	-44.40	52.24	5.42	
49	-20.46	7.84	7.93	-9.09	-48.69	55.96	-54.47	45.80	9.33	
50	-29.76	15.19	4.98	-16.95	-44.57	50.49	-62.54	30.92	16.68	
		20.37	-3.71	-16.44	-65.26	32.80	-63.78	6.38	18.42	

RECORD=S-236 COMPONENT=E-W SIGNAL=9R.AUC. CURVECTION=ZERO.ARC STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11400

NO.	( 1500)	( 1600)	( 1700)	( 1800)	( 1900)	( 1950)
1	22.94	-34.43	40.46	-14.46	20.97	-28.92
2	25.82	-35.66	24.16	-21.65	17.97	-28.68
3	26.26	-34.91	21.97	-26.44	-2.81	-27.97
4	24.26	-28.22	-14.98	-13.70	-21.70	-26.12
5	22.00	-10.81	-30.66	-30.53	-15.80	-23.60
6	13.43	14.83	-62.31	-28.57	-22.47	-27.09
7	9.65	26.15	-78.45	-23.51	-34.97	-21.16
8	-9.13	37.11	-87.76	-14.25	-40.26	-21.82
9	-13.38	42.45	-91.74	-1.44	-37.18	-25.49
10	-18.48	42.11	-81.78	7.87	-23.15	-26.96
11	-18.92	35.36	-68.00	9.19	-0.79	-25.42
12	-14.86	22.95	-39.77	11.26	13.45	-17.71
13	-5.84	-1.87	-11.73	11.63	25.64	-6.68
14	6.60	-11.48	-7.89	3.73	33.28	11.48
15	8.59	-27.13	45.73	-1.46	36.16	15.60
16	9.64	-38.73	63.13	-9.47	35.86	16.31
17	7.50	-43.19	74.78	-15.52	33.66	15.40
18	-6.82	-45.37	79.61	-18.59	28.28	16.97
19	-21.57	-15.42	74.70	-16.87	24.12	44.21
20	-26.61	1.14	59.11	-16.01	22.79	36.82
21	-29.68	29.91	41.28	-6.63	21.76	28.04
22	-33.09	38.36	22.98	-3.25	20.44	18.02
23	-32.73	43.12	6.60	2.44	13.72	11.93
24	-29.24	44.20	-11.54	1.93	17.44	3.43
25	-24.95	41.31	-26.35	-3.77	12.10	-5.48
26	-17.08	33.65	-33.93	-7.29	6.14	-10.59
27	-13.22	23.21	-40.90	-18.53	0.29	-16.32
28	-10.22	12.34	-42.88	-23.33	-6.92	-17.50
29	-3.12	4.11	-41.24	-25.62	-17.57	-18.22
30	-2.93	1.62	-35.55	-27.14	-23.23	-19.21
31	0.16	-2.48	-28.72	-26.44	-27.60	-19.92
32	0.86	-4.48	-19.03	-22.77	-30.53	-20.70
33	-0.34	-4.88	-6.40	-16.71	-35.28	-21.04
34	-6.05	-5.30	3.91	-9.59	-39.08	-27.99
35	-6.78	-7.35	10.58	-3.05	-40.90	-16.82
36	-11.25	-13.44	14.91	-38.78	-38.78	-8.26
37	-11.41	-17.75	15.57	0.15	-35.09	10.71
38	-6.59	-25.06	16.63	-27.16	-32.16	21.75
39	-1.34	-32.87	12.76	-15.13	-27.66	27.66
40	7.41	-38.83	12.57	6.88	8.48	30.32
41	12.42	-40.59	12.76	12.88	15.06	28.84
42	14.24	-37.10	12.44	17.12	23.20	21.53
43	14.00	-25.03	11.73	18.52	29.95	12.99
44	12.64	-1.88	10.55	18.54	27.74	14.63
45	6.52	28.54	10.12	16.83	21.65	17.62
46	-7.12	43.81	8.21	18.95	13.62	-20.25
47	-10.48	54.50	4.54	19.36	-1.53	-32.91
48	-19.53	72.98	0.46	15.86	-9.50	-46.05
49	-25.57	74.83	-3.55	20.86	-23.28	-33.16
50	-30.79	68.97	-7.42	20.79	-25.42	-35.32

RECORDS=206  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENT=M  
 SIGNAL=GR.ACC.  
 CORRECTION=ZERO.ARC  
 TOTAL NUMBER OF DATA=1400  
 STATION=HIYAKO-S  
 FORMAT NO.=801

NO.	( 2000)	( 2050)	( 2100)	( 2150)	( 2200)	( 2250)	( 2300)	( 2350)	( 2400)	( 2450)
1	5.60	36.30	-36.59	-17.05	18.38	-26.52	32.59	35.14	-9.78	16.09
2	-1.76	7.88	-25.80	-4.80	26.91	-21.15	34.09	37.74	-4.06	22.40
3	-11.83	-14.41	-15.13	10.25	32.45	-17.90	30.29	36.84	5.89	27.76
4	-17.91	-30.82	-1.83	20.52	33.55	-13.90	24.03	32.30	18.08	27.61
5	-21.38	-43.33	8.10	25.53	30.55	-5.92	11.68	24.43	21.59	26.36
6	-20.64	-57.15	10.47	22.97	24.11	2.75	-18.74	13.95	18.86	22.89
7	-19.40	-64.89	6.72	18.76	15.90	12.66	-18.74	5.08	8.68	16.97
8	-17.03	-69.87	2.15	5.49	5.11	22.28	-30.30	-4.03	6.76	6.76
9	-7.73	-68.98	-4.56	3.11	-5.70	28.11	-38.36	-18.72	-12.34	-2.16
10	-3.55	-59.11	-7.75	-1.90	-16.35	28.37	-49.33	-29.46	-23.45	-12.88
11	-4.75	-35.38	-8.32	-13.72	-26.10	24.07	-58.64	-38.52	-36.97	-22.96
12	-4.26	-6.92	-6.92	-16.71	-35.13	15.19	-58.59	-47.05	-45.56	-31.27
13	-3.76	11.09	-4.82	-13.76	-0.65	0.02	-53.76	-52.59	-45.89	-36.45
14	-3.16	26.27	-0.15	-9.75	-40.16	-12.10	-30.61	-54.07	-38.68	-36.29
15	-1.76	34.66	0.15	-1.88	-35.73	-26.03	6.05	-54.07	-25.93	-29.53
16	0.14	33.79	-1.45	10.24	-28.05	-55.94	28.37	-49.40	-13.13	-19.75
17	1.34	25.11	-2.55	20.33	-17.91	-44.42	42.97	-42.42	-3.48	-5.09
18	1.54	17.40	-6.58	23.27	-4.42	-51.65	49.39	-35.12	7.90	5.80
19	-0.06	6.15	-9.59	19.59	10.09	-58.94	47.58	-24.73	16.24	14.00
20	-1.66	1.19	-11.66	15.37	15.78	-50.20	40.13	-9.73	23.79	19.31
21	-1.16	-5.75	-11.76	2.10	15.84	-57.81	31.13	5.96	20.49	21.46
22	0.43	-11.63	-12.06	-2.81	11.88	-17.14	22.35	28.25	20.77	18.33
23	4.45	-15.82	-13.68	-11.85	6.01	7.78	36.75	15.28	11.78	11.60
24	7.56	-17.72	-10.18	-20.51	-0.14	34.13	-6.04	45.60	5.82	9.60
25	17.30	-17.30	-13.83	-25.93	-3.84	42.75	20.92	49.96	-2.12	2.83
26	12.32	-9.74	-12.66	-27.74	-4.14	48.88	31.74	51.82	-8.16	-4.08
27	17.94	-6.31	-17.71	-25.24	-1.94	53.09	38.45	47.05	-18.62	-10.25
28	18.00	-5.41	-19.68	-27.45	2.56	47.41	38.45	84.45	-26.92	-18.51
29	17.53	-4.01	-19.68	-16.71	9.27	56.25	31.51	15.03	-31.76	-24.58
30	13.92	-2.91	-12.04	-7.45	15.58	24.42	-2.02	1.91	-39.55	-28.07
31	12.02	-1.82	-9.16	6.15	19.63	7.87	16.87	-12.46	-20.94	-27.10
32	9.58	-1.82	-12.45	12.80	19.18	-2.00	37.36	-27.84	-18.59	-21.49
33	-1.78	-1.32	29.78	15.76	15.73	-10.11	58.57	-36.55	-9.07	-16.80
34	-6.52	0.08	66.60	19.01	9.96	-20.44	65.40	-39.16	-5.90	-11.14
35	-11.85	0.78	44.94	21.68	5.83	-28.94	48.94	-43.35	-2.13	-10.07
36	-16.28	2.08	45.26	22.49	4.04	-34.76	33.54	-39.66	0.23	-10.07
37	-29.82	4.90	42.22	-22.26	3.04	-36.24	24.76	-25.89	-0.23	-10.07
38	-38.34	10.53	36.13	19.53	1.54	-32.41	10.53	-13.42	-2.13	-8.07
39	-47.37	28.55	20.75	10.81	1.04	-27.83	-6.03	-2.08	-2.43	-7.85
40	-2.29	31.43	10.42	0.09	-1.56	-21.60	18.17	5.67	-3.43	-5.97
41	-49.95	33.47	5.07	-10.84	-5.98	-17.99	29.73	14.07	4.04	-5.17
42	-52.45	30.94	-5.87	-20.35	-21.43	-17.68	-35.40	20.14	-6.05	-6.08
43	-1.75	24.83	-19.14	-60.47	-25.56	-15.89	-41.57	23.41	-7.86	-6.08
44	48.63	15.53	-26.29	-42.78	-30.25	-15.87	-46.80	21.42	-10.07	-6.09
45	72.92	4.13	-29.71	-46.90	-32.31	-12.91	-46.46	16.33	-11.84	-7.91
46	84.55	-5.80	-32.19	-48.12	-33.99	-10.25	-37.95	6.82	-12.03	-10.21
47	80.02	-16.59	-34.76	-39.70	-33.78	-7.49	-22.68	-2.10	-11.82	-16.31
48	83.86	-31.89	-35.09	-22.23	-31.75	1.70	-4.97	-8.14	-8.05	-20.63
49	74.24	-41.09	-31.79	-1.91	-30.61	10.95	10.13	-2.13	-2.13	-26.55
50	59.60	-42.67	-26.37	8.12	-28.81	21.86	30.74	-17.46	7.87	-28.16

RECORDS=236 COMPONENTS=E-W SIGNAL=GR+ACC. STATION=MIVAKO=S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=001 TOTAL NUMBER OF DATA=11400

NO.	( 2500)	( 2550)	( 2600)	( 2650)	( 2700)	( 2750)	( 2800)	( 2850)	( 2900)	( 2950)
1	-22.53	22.92	-8.29	-22.22	-11.67	2.58	29.13	5.49	-2.52	-8.54
2	-16.70	17.32	-16.53	-22.12	-12.10	-6.56	18.54	17.41	5.42	-12.69
3	-8.96	10.53	-24.85	-20.83	-10.04	-12.48	8.38	17.41	13.41	-18.78
4	6.76	0.77	-28.85	-19.81	-4.33	-17.51	-2.47	16.87	14.66	-23.43
5	18.79	-8.05	-32.33	-10.27	3.56	-17.50	16.99	8.53	14.47	-31.78
6	33.50	-16.61	-33.58	-8.32	11.78	-17.41	38.06	-2.51	10.34	-37.70
7	41.08	-24.94	-31.85	-8.02	20.22	-14.01	38.97	-12.75	5.35	-40.48
8	42.47	-30.80	-24.70	-8.25	28.95	-9.45	48.38	-23.61	3.26	-37.21
9	37.95	-33.58	-17.80	-10.25	33.28	-6.28	43.24	-34.44	3.36	-27.28
10	29.36	-33.00	-11.14	-11.64	32.11	-2.41	43.88	-44.72	3.36	-14.94
11	18.71	-28.48	-6.15	-12.22	25.86	0.69	37.34	52.78	3.25	-2.57
12	6.68	-19.72	-2.28	-12.04	15.79	0.69	28.58	51.61	70.84	11.54
13	-2.94	-13.77	1.52	-6.08	1.62	-4.12	18.90	-44.37	-6.54	19.64
14	-12.36	-7.42	6.62	0.78	-10.51	-6.65	-2.45	-33.51	-16.88	23.25
15	-20.27	-5.97	5.64	-5.61	-21.25	-10.16	7.31	-20.14	-28.59	21.76
16	-22.31	3.69	9.74	11.63	-32.57	-12.52	13.68	-6.38	-41.40	12.44
17	-24.30	14.18	15.72	13.57	-42.61	-18.46	19.77	7.57	-49.61	7.31
18	-25.71	27.08	18.00	13.62	-47.13	-20.50	23.44	33.04	-59.81	-0.79
19	-25.56	38.94	23.07	14.78	-45.95	-22.62	23.20	36.54	-64.16	-8.58
20	-26.80	48.70	22.39	12.72	-37.13	-22.02	20.98	39.10	-58.10	-14.00
21	-21.56	49.60	19.34	8.55	-21.18	-17.12	17.12	35.95	-49.25	-16.72
22	-21.03	44.74	14.85	1.56	-19.02	-13.87	10.73	27.86	-38.34	-20.44
23	-19.15	36.32	9.48	-4.28	-23.19	-5.80	2.52	19.54	-25.00	-21.96
24	-16.08	23.70	2.70	-16.79	59.62	-2.41	-4.40	11.06	-9.23	-22.65
25	-10.98	10.39	-4.22	-30.22	50.64	5.52	-12.64	2.48	7.61	-23.89
26	-12.05	-4.21	-12.46	-42.06	53.34	11.65	-21.12	-6.26	31.33	-23.31
27	-10.10	-21.60	-20.95	-49.28	47.95	17.74	-28.92	-12.77	50.79	-19.36
28	-2.18	-37.14	-39.30	-49.16	37.34	21.88	-33.32	-23.10	57.47	-16.48
29	-0.31	-46.99	-35.85	-43.26	22.87	25.47	-36.34	-28.54	54.61	-14.47
30	3.71	-53.88	-40.91	-22.51	3.29	24.57	-34.07	-35.97	45.98	-13.83
31	9.43	-59.14	-40.78	22.43	-6.39	18.15	-26.42	-38.58	34.49	-14.59
32	11.47	-61.61	-35.99	31.74	-19.08	12.27	-19.88	-33.14	21.64	-16.39
33	7.34	-53.96	-40.55	40.18	-30.28	3.65	-13.20	-23.88	6.10	-17.69
34	3.67	-45.51	-40.40	35.00	-41.66	-4.67	-6.24	-12.20	-27.76	-15.67
35	-2.22	-36.35	-36.60	26.03	-52.65	-12.61	-2.47	-2.50	-35.39	-9.53
36	-6.17	-26.32	5.41	16.02	-63.10	-20.90	2.83	11.47	-42.34	-5.56
37	-12.38	-15.34	7.80	5.99	-56.74	-27.29	5.45	21.81	-56.23	1.29
38	-20.48	2.24	7.59	-4.28	-33.11	-35.29	9.54	27.70	-58.63	9.44
39	27.08	-2.24	7.59	-12.45	-44.52	-35.29	15.72	29.02	-53.50	17.55
40	32.89	26.54	9.29	-18.69	-29.25	-32.65	20.66	26.63	-42.71	21.20
41	-37.31	52.07	9.06	-24.36	-11.83	-24.85	18.73	21.70	-28.31	19.80
42	-40.09	33.42	7.47	-26.25	-20.16	-17.78	11.30	14.51	-12.01	13.00
43	-58.15	31.64	5.47	-26.14	-11.90	-17.28	3.50	6.78	23.86	2.77
44	-62.65	27.18	1.69	-25.22	-6.08	-4.42	-4.42	-2.54	28.13	-6.63
45	-26.11	25.85	-2.31	-23.55	44.87	-12.59	-12.59	-10.62	28.69	-19.31
46	-14.61	17.25	-4.24	-20.02	11.43	-19.42	-18.84	-19.42	25.74	-29.08
47	-2.21	12.86	-10.35	-17.22	18.34	1.46	-24.13	-30.41	15.82	-33.48
48	13.97	5.49	-16.33	-12.24	30.57	16.34	-21.60	-28.92	12.92	-38.41
49	21.31	-1.27	-18.51	-11.66	14.08	34.04	-14.86	-21.52	4.79	-39.73
50							42.48	-12.21	-2.59	-33.93

RECORD=S-236  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENT=E-W  
 SIGNAL=GR.ACC.  
 SAMPLING INTERVAL=0.010(SEC)  
 CORRECTION=ZERO,ARC  
 FORMAT NO.#301  
 STATION=MIYAKO\*W  
 TOTAL NUMBER OF DATA=11400

NO.	( 3000 )	( 3050 )	( 3100 )	( 3150 )	( 3200 )	( 3250 )	( 3300 )	( 3350 )	( 3400 )	( 3450 )
1	-22.59	-23.33	0.81	-2.77	-3.24	-7.78	-25.01	21.11	-18.87	21.07
2	-16.20	-31.50	5.24	-10.80	-40.58	-2.82	-26.22	29.73	-18.87	23.11
3	-2.60	-33.70	16.09	-17.03	-45.52	7.17	-24.14	32.97	-18.54	24.88
4	15.82	-31.53	13.17	-23.11	-26.44	17.30	-19.91	34.68	-14.05	24.82
5	26.84	-26.46	12.35	-26.35	-14.09	20.79	-15.17	25.56	-6.84	22.15
6	37.04	-18.97	18.49	-20.09	-2.78	19.50	-5.82	18.10	-2.96	15.71
7	48.37	-10.44	18.11	-20.68	7.16	11.85	3.04	0.57	4.75	10.49
8	44.29	0.77	12.97	-19.60	12.90	2.14	15.20	-10.97	10.38	-9.02
9	38.66	9.30	7.18	-16.28	13.10	-8.05	19.34	-16.38	12.89	-9.06
10	30.00	13.29	7.03	-9.85	13.09	-15.21	25.20	-18.96	11.90	-17.00
11	18.46	14.91	2.28	-4.74	12.86	-23.62	26.13	-20.43	7.98	-28.71
12	2.35	14.52	-2.72	-0.96	9.12	-22.11	23.62	-19.22	4.81	-38.87
13	-10.79	14.52	-2.73	-3.96	5.07	-15.36	16.40	-6.67	2.92	-45.30
14	-21.54	14.28	-6.70	-4.27	1.09	-6.22	0.56	0.56	2.82	-49.59
15	-33.47	13.14	-14.81	-4.67	1.09	-2.84	-4.84	7.04	2.82	-51.76
16	-47.38	10.97	-18.91	-6.29	0.19	3.05	-13.18	14.48	2.81	-48.62
17	-56.34	5.22	-22.66	-8.70	-10.48	3.05	-23.77	15.02	0.91	-38.00
18	-61.72	4.30	-24.62	-10.67	-17.21	2.74	-32.13	16.09	-3.00	-22.34
19	-64.30	-1.28	-24.07	-10.77	-24.51	0.54	-37.40	14.50	-9.02	-8.57
20	-57.17	-8.45	-19.36	-14.67	-24.30	-2.86	-38.21	6.81	-16.94	7.07
21	-45.71	-12.87	-10.53	-14.67	-22.49	-6.41	-35.55	-7.00	-2.71	26.75
22	-60.82	-21.53	-4.71	-14.67	-19.10	-12.94	-30.50	-21.44	-35.82	40.40
23	-11.91	-31.24	5.24	-14.67	-10.67	-11.65	-23.80	-28.63	-37.07	48.42
24	9.45	-17.87	17.87	-14.57	-8.73	4.70	-15.39	-37.45	-36.53	48.00
25	20.14	-46.27	28.03	-14.39	-9.83	7.08	-5.83	-39.24	-31.83	41.73
26	30.03	-55.96	32.27	-12.66	-10.07	10.78	-4.85	-38.15	-29.53	32.79
27	34.62	-60.13	30.84	-12.18	-16.97	4.50	4.85	-31.56	-17.36	24.43
28	37.56	-59.10	24.42	-12.28	-20.94	-2.88	14.99	-20.93	-2.97	11.87
29	33.36	-52.19	17.99	-12.55	-22.67	-10.77	19.08	-2.93	11.09	-3.06
30	25.60	-39.16	8.91	-14.97	-21.58	-19.42	22.47	11.08	25.71	-15.58
31	14.60	-21.44	0.26	-21.06	-15.35	-27.76	18.80	24.22	31.96	-28.78
32	0.22	-2.65	-8.57	-23.83	-6.55	-38.23	16.40	33.42	36.86	-40.49
33	-8.75	-23.95	-17.08	-33.05	1.08	-35.24	13.94	33.50	35.87	-50.18
34	-21.14	49.43	-24.55	-33.87	9.15	-35.59	10.36	27.55	30.82	-54.20
35	-30.07	60.16	-30.62	-30.23	13.07	-31.01	5.08	19.65	21.38	-50.56
36	-37.62	62.89	-28.78	-19.26	13.07	-23.88	4.07	10.64	8.58	-41.00
37	-39.21	58.20	-20.13	-2.76	13.15	-13.55	0.78	-1.06	-4.75	-28.30
38	-64.46	49.16	-10.54	11.53	15.17	-5.79	-3.63	-8.96	-13.31	-13.99
39	-27.33	36.57	-8.51	27.44	17.06	5.08	-8.45	-15.26	-23.89	20.47
40	-19.63	20.76	-6.04	39.79	16.68	15.24	-10.76	-23.09	-32.20	22.60
41	-10.47	4.64	-6.64	40.38	11.95	23.66	-13.86	-25.29	-38.00	20.87
42	-2.64	-8.53	-6.22	35.76	4.93	28.62	-27.45	-27.45	-41.38	8.72
43	7.33	-17.25	-2.74	25.47	-1.84	27.15	-31.68	-24.48	-38.93	0.75
44	15.55	-28.35	3.16	14.37	-10.83	20.32	-35.93	-22.33	-30.56	-4.96
45	21.23	-39.26	4.96	1.11	-15.03	13.71	-38.79	-20.06	-23.11	-6.97
46	20.59	-46.45	7.22	-12.94	-21.06	4.09	-37.29	-16.84	-15.87	-8.39
47	14.63	-47.64	10.15	-25.81	-24.44	-4.82	-30.77	-16.48	-5.94	-4.03
48	4.30	-39.40	13.04	-34.04	-26.55	-13.00	-16.04	-16.68	2.70	2.65
49	-4.61	-23.85	10.12	-40.56	-25.15	-18.94	-6.40	-16.97	13.10	4.85
50	-14.94	-8.49	4.22	-44.00	-18.06	-21.17	7.12	-18.50	18.85	6.05

RECORD=S-236  
 DATE AND TIME=1968.05.16.09.49  
 COMPONENT=C-M  
 SIGNAL=BR.ACC.  
 SAMPLING INTERVAL= 0.010156C  
 CORRECTION=ZERO.ARC  
 FORMAT NO.=301  
 STATION=HIYAKO-S  
 TOTAL NUMBER OF DATA=11400

NO.	( 3500 )	( 3550 )	( 3600 )	( 3650 )	( 3700 )	( 3750 )	( 3800 )	( 3850 )	( 3900 )	( 3950 )
1	6.51	-45.31	22.91	-59.08	-3.25	16.91	-31.76	-9.09	17.61	-13.68
2	-2.83	-50.71	23.97	-52.71	-10.99	-5.07	-19.48	-5.11	35.17	-21.74
3	3.08	-48.52	21.42	-58.15	-13.21	-17.66	-9.02	4.55	43.93	-25.73
4	-1.12	-42.63	10.26	-57.12	-15.04	-28.41	-3.31	9.16	42.35	-28.42
5	-1.06	-36.44	1.85	-50.19	-12.93	-37.62	2.58	13.43	33.15	-23.60
6	-18.19	-28.53	-3.27	-40.70	-8.19	-45.84	4.88	8.58	21.22	-16.86
7	-14.29	-18.00	-13.06	-24.63	-3.22	-49.93	4.57	-1.47	10.33	-9.28
8	-6.21	-4.95	-21.66	-11.15	4.70	-47.15	4.57	-9.51	-0.31	-5.35
9	-4.44	6.89	-27.71	-28.68	12.19	-38.08	3.66	-21.82	-14.02	-3.44
10	0.63	17.61	-31.93	56.42	16.25	-22.78	-0.33	-28.15	-32.00	2.34
11	2.63	29.94	-33.05	53.70	16.03	4.66	-4.63	-35.52	-45.74	4.14
12	2.83	35.66	-32.06	22.55	13.48	14.80	-5.12	-37.76	-50.95	4.14
13	2.83	36.27	-34.82	6.68	6.50	18.61	-3.32	-36.97	-47.70	4.03
14	4.33	30.45	-30.77	-4.97	0.55	18.60	0.57	-29.45	-41.46	1.54
15	4.73	26.85	-31.02	-18.12	-7.24	18.01	4.58	-16.36	-24.20	-0.36
16	4.84	17.16	-24.84	-33.48	-15.57	12.25	6.62	-3.55	17.78	-3.47
17	6.85	6.59	-22.29	-43.14	-23.63	1.90	12.62	8.72	36.43	-5.38
18	6.83	-3.14	-17.46	-46.79	-27.67	-5.22	14.18	21.53	44.20	-7.24
19	6.80	-15.41	-4.90	-42.65	-28.51	-9.19	14.55	30.50	43.92	-13.52
20	4.32	-23.22	0.64	-39.11	-26.77	-9.12	14.34	28.87	34.94	-17.31
21	1.91	-28.26	17.25	-28.11	-24.19	-5.15	13.49	20.57	25.44	-16.37
22	-10.83	-34.87	26.16	-12.96	-20.60	2.62	4.56	9.36	17.63	-15.17
23	-12.89	-36.81	15.70	-16.76	-12.08	10.70	3.86	-3.42	6.08	-9.28
24	-10.30	-35.66	32.69	33.95	-12.08	14.59	2.56	-18.15	-5.38	-4.45
25	-6.96	-30.99	52.40	37.46	-6.64	18.60	1.66	-31.97	-13.83	0.43
26	-4.97	-25.87	24.26	34.16	-4.75	18.62	0.46	-43.75	-25.90	6.48
27	-3.07	-18.59	11.45	24.92	-3.24	14.48	0.26	-45.57	-29.69	12.68
28	4.42	-12.89	-1.27	13.43	2.35	9.62	-0.04	-55.20	-31.23	18.54
29	4.81	-6.59	-11.41	4.73	6.58	5.25	0.15	-57.36	-30.29	19.81
30	4.39	-3.11	-24.64	-7.16	21.67	-15.74	0.15	-53.69	-25.43	16.95
31	-1.29	6.64	-30.60	-11.22	21.67	-21.67	0.15	-45.90	-18.75	8.19
32	-9.09	14.44	-44.34	-15.42	28.64	-26.14	-1.55	-27.34	-12.55	-0.48
33	-13.19	20.68	-52.50	-21.51	28.30	-33.69	-3.37	-4.40	-4.40	-11.40
34	-9.50	24.78	-56.73	-23.60	25.96	-35.18	-3.37	36.64	4.27	-19.60
35	-28.74	24.35	-59.66	-27.12	21.00	-3.36	-15.35	6.26	-25.53	-25.40
36	-26.86	20.23	-56.70	-26.98	21.02	-20.11	-17.25	53.80	6.49	-25.40
37	-17.48	14.14	-46.51	-25.78	-21.98	0.59	-17.25	45.35	9.53	-18.27
38	-8.73	2.75	-28.55	-22.90	-31.64	12.96	-17.01	30.86	7.91	-12.50
39	0.81	-9.22	0.72	-20.93	-44.59	22.94	-13.03	16.41	3.95	-1.58
40	0.95	-19.71	31.85	-18.59	-50.25	25.76	-7.01	0.40	2.36	15.01
41	17.06	-27.94	40.42	-12.98	-53.63	26.12	-3.25	-13.62	0.46	27.04
42	20.80	-33.04	51.87	-6.34	-56.18	25.00	0.54	-22.39	0.46	31.66
43	20.64	-35.04	53.70	3.88	-51.29	18.93	0.54	-32.68	0.46	36.85
44	19.27	-34.81	54.00	6.75	-53.97	0.59	0.54	-39.21	2.25	37.83
45	10.61	-32.95	50.56	14.48	-12.54	-3.34	0.04	-44.01	2.46	34.32
46	-1.10	-27.41	39.54	14.73	6.81	-13.61	-3.36	-41.57	3.85	26.47
47	-10.96	-18.25	22.37	15.79	25.40	-13.61	-5.28	-32.55	4.14	19.81
48	-7.99	-17.49	33.66	12.57	33.66	-26.70	-9.10	-20.50	1.95	-15.24
49	-25.62	2.78	-13.48	9.62	34.24	-34.92	-11.87	-0.25	4.33	-13.80
50	-35.58	15.15	-24.69	2.56	27.90	-35.17	-11.30	12.43	-5.40	-30.22

RECORD=S-266 COMPONENT=E-W SIGNAL=GR,ACV. CURVE-TION=ZERO,ARC STATION=MIYAKO\*S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11400

NO.	( 4000)	( 4050)	( 4100)	( 4150)	( 4200)	( 4250)	( 4300)	( 4350)	( 4400)	( 4450)
1	-43.87	-19.18	12.97	-19.41	-9.45	-16.51	*29.12	24.09	30.78	-8.49
2	-48.40	-18.46	6.20	-19.22	-13.82	-33.26	*36.82	23.25	24.84	14.10
3	-49.40	-17.28	0.02	-19.16	-19.89	-42.76	*39.66	17.07	15.85	16.21
4	-45.60	-14.84	-5.63	-19.50	-23.64	-48.63	*39.01	9.10	7.05	19.57
5	-37.16	-12.56	*27.08	-19.52	-26.71	-51.92	*35.37	3.87	-3.88	18.73
6	-20.75	-7.42	*37.21	-18.96	-32.66	-54.77	*27.76	-2.82	-3.89	13.94
7	-16.47	-5.12	-42.04	-13.02	-30.77	-52.85	-19.48	-12.75	-22.64	9.98
8	-0.33	-1.64	-49.01	-2.48	-26.08	-45.88	-5.58	-37.44	-31.46	4.08
9	40.09	0.15	-38.66	2.27	-16.63	-36.17	5.98	*36.25	-38.78	-3.91
10	68.15	-0.35	-27.98	9.78	-3.65	-25.127	12.47	-32.94	-40.57	-9.59
11	51.69	-0.56	*12.00	10.16	12.03	-11.36	22.09	-24.43	-38.00	-9.10
12	21.54	-7.50	0.57	5.50	14.03	2.20	23.46	-8.97	-31.68	-3.87
13	13.34	-11.56	6.38	-3.66	14.21	20.95	23.46	4.14	-22.95	6.04
14	-0.11	-15.39	14.77	-11.77	14.04	30.57	23.92	19.24	-15.54	11.73
15	-10.82	-19.11	24.82	-19.51	12.03	31.74	19.70	32.54	-9.78	15.79
16	-24.44	-20.82	29.65	-21.56	6.05	29.27	15.64	33.86	-5.84	11.85
17	-33.75	-18.34	30.30	-23.92	-1.79	24.12	8.61	31.28	-3.84	7.00
18	-40.77	-3.52	30.70	-25.84	-5.63	15.74	1.42	23.17	0.84	-2.11
19	-58.83	8.47	51.06	-20.90	-11.83	7.91	-5.53	14.69	2.04	-11.79
20	-62.98	16.58	25.20	-19.51	-19.92	-3.77	-14.01	-0.82	4.08	-18.39
21	-24.16	20.71	1.56	-16.43	-23.45	-18.37	*21.79	-14.04	15.87	-27.04
22	-17.11	24.33	7.27	-12.79	-28.65	-28.65	*22.44	-22.22	20.19	-35.26
23	-7.18	23.33	-0.64	-8.59	-18.81	-33.98	*18.98	-33.78	21.76	-41.26
24	4.43	15.96	-19.05	-5.19	-10.38	-35.39	-10.51	-46.65	20.58	-45.49
25	14.66	7.65	-20.91	4.02	-2.23	-32.64	0.12	-47.77	13.78	-47.90
26	20.56	0.34	-37.23	4.25	18.80	-24.48	4.14	-43.35	9.01	-46.85
27	21.96	-7.38	-41.34	3.93	26.64	-16.00	8.20	-33.39	2.13	-42.10
28	17.95	-17.14	-36.30	-1.75	30.61	-3.70	13.64	-21.31	-3.90	-31.56
29	13.27	-21.43	-29.87	-5.59	30.57	8.34	14.12	-7.59	-13.82	-13.12
30	7.89	-21.92	-20.93	-11.66	23.97	20.33	14.10	10.83	-19.94	6.05
31	1.68	-12.69	-5.50	-13.69	13.70	24.30	13.40	37.26	-21.58	13.66
32	-0.54	-4.94	10.17	-19.11	2.08	24.24	8.02	39.97	-19.08	12.73
33	-9.54	-0.37	13.83	-18.23	-16.30	16.44	1.21	36.39	-9.59	3.07
34	-16.55	-1.67	12.24	-12.52	-29.49	3.64	-3.81	36.39	-9.59	3.07
35	-33.94	-5.51	7.69	-8.64	-39.62	-3.76	*11.75	21.50	3.86	-2.93
36	-33.95	-11.64	0.29	-7.56	-46.36	-7.69	*13.93	21.50	14.09	-7.90
37	-31.69	-17.69	-3.62	-51.91	-51.91	-10.97	*19.84	13.59	20.24	-14.07
38	-23.86	-24.23	-5.11	-7.52	-53.60	-15.20	*24.46	0.17	22.37	-20.35
39	-15.15	-29.87	-0.20	-4.66	-49.92	-12.54	*30.83	*10.05	20.58	-26.34
40	-0.50	-30.38	2.29	-3.64	-44.54	-35.16	*35.16	-26.19	14.84	-26.67
41	6.42	-24.51	8.08	2.24	-29.78	4.16	*34.51	-42.50	8.99	-24.84
42	12.37	-16.54	8.51	2.21	-29.78	4.16	*34.51	-49.75	1.52	-18.73
43	12.34	-3.54	10.26	12.37	18.98	7.80	*33.62	-40.58	1.52	-6.79
44	11.51	10.46	9.28	16.24	29.67	16.10	*32.80	-21.99	-12.03	6.09
45	6.10	16.44	3.76	16.12	36.59	15.10	*29.47	-8.89	-20.31	20.59
46	-0.64	19.04	-1.72	14.14	36.71	11.97	*23.18	5.33	-29.22	28.38
47	-9.41	27.23	-5.59	11.95	32.48	6.17	*18.21	17.65	*36.62	36.31
48	-19.32	25.95	*15.71	6.09	28.70	3.42	*5.64	26.99	-38.16	37.17
49	-15.63	23.83	*19.14	0.23	21.13	-11.90	10.02	33.44	-34.13	35.03
50	-19.05	19.98	*19.33	*3.79	-21.73	-20.67	20.27	32.88	-27.12	27.43
									*17.30	18.08

RECORD=57236 DATE AND TIME=1968.05.16.09.49	COMPONENT=E-W	SIGNAL=GR.ACC.	CORRECTION=ZERO.ARC	STATION=HIYAKOFS				
SAMPLING INTERVAL=0.010(SEC)	FORMAT NO.=501			TOTAL NUMBER OF DATA=11400				
NO.	( 4500)	( 4600)	( 4700)	( 4750)	( 4800)	( 4850)	( 4900)	( 4950)
1	2.37	-12.19	-02.89	-05.87	18.56	11.71	-4.78	22.19
2	-9.95	-23.88	-07.11	-02.60	13.42	18.74	-13.99	26.10
3	-25.22	-35.97	-06.97	-02.31	7.52	22.10	-14.03	8.90
4	-03.59	-26.48	-28.01	-11.00	-2.07	25.53	-9.17	-27.23
5	-40.85	-30.64	-17.22	14.03	-12.05	24.79	-5.22	-34.60
6	-44.43	-53.68	-4.99	24.03	-18.03	17.98	-2.34	-38.65
7	-43.72	-62.40	9.76	25.39	-22.09	7.11	-2.94	-45.69
8	-03.71	-26.75	16.05	21.74	-44.00	-1.20	3.66	-17.41
9	-23.04	-19.18	11.47	11.47	-23.17	-11.79	6.69	-23.99
10	-8.72	-9.86	0.21	0.88	-19.90	-21.63	-51.96	-21.39
11	4.01	-3.96	-4.04	-6.10	-17.06	-28.61	12.53	-13.30
12	18.20	2.12	-7.58	-16.51	-15.48	-33.55	14.66	-34.55
13	21.86	3.11	-12.26	-21.50	-15.48	-33.55	14.66	-34.55
14	21.03	2.01	-22.68	-20.79	-14.03	-39.44	6.68	-33.99
15	17.42	-11.99	-29.32	-11.42	-13.91	-41.10	-0.25	-27.97
16	9.76	-7.92	-32.04	-2.29	-11.91	-36.15	-8.27	25.97
17	0.22	-9.92	-62.21	-17.71	-10.06	-26.52	-0.25	23.56
18	-0.95	-11.19	-29.65	-11.96	-9.89	-10.19	6.71	28.53
19	-3.97	-11.00	-20.89	-9.52	-6.12	-16.78	21.24	28.53
20	-11.80	-3.97	-9.70	-9.41	5.78	-9.15	54.86	22.57
21	-16.96	3.71	-36.72	-13.92	11.73	-4.21	42.70	13.61
22	-21.80	5.94	-30.91	-16.20	11.79	-4.21	18.92	7.61
23	-20.02	9.95	-17.58	-20.24	11.79	-4.21	-37.26	3.64
24	-21.46	11.91	-25.26	-18.50	13.77	-4.21	-44.33	-3.36
25	-16.60	12.04	16.04	-21.76	14.83	-4.21	-35.98	-10.35
26	-10.92	9.92	21.11	-20.42	14.83	-4.21	-70.93	-14.85
27	-9.75	6.07	14.59	-12.00	11.59	-0.52	-21.69	-19.49
28	-9.64	1.60	23.70	-7.88	6.77	-0.52	-8.11	-23.78
29	-9.04	-4.01	-4.01	-4.12	0.82	11.79	-72.17	-17.20
30	-8.06	-7.96	-4.07	-2.23	-2.28	22.10	-60.18	-6.30
31	-8.51	-11.82	16.49	-0.23	-8.16	25.49	-46.61	-0.45
32	-11.98	-8.92	9.21	1.77	-14.54	23.62	-31.31	4.15
33	-16.00	-8.95	-0.29	1.76	-24.88	18.07	4.71	0.59
34	-22.71	-12.21	-10.06	1.76	-4.90	8.60	-0.26	4.15
35	-30.33	-22.13	-22.87	-7.49	-30.90	-2.24	-4.30	0.23
36	-35.79	-25.88	-22.87	-7.49	-35.11	-14.48	-12.10	-9.22
37	-32.52	25.88	-32.92	-11.90	-36.88	-22.82	-16.52	-19.04
38	-20.97	19.50	-36.00	-17.99	-31.97	-30.78	-23.09	-29.64
39	-15.34	13.74	-39.06	-20.59	-22.61	-35.16	-31.54	-36.98
40	-0.93	7.64	-26.35	-28.04	-11.69	-38.03	-37.16	-42.08
41	0.01	1.80	-15.99	-28.04	3.75	-34.29	-38.24	-35.24
42	18.53	-16.44	5.50	-27.11	16.05	-34.29	-35.89	-25.50
43	26.47	-29.00	39.64	-20.89	20.66	-23.29	-29.57	-13.60
44	29.55	-34.90	38.60	-9.06	14.95	-9.04	-17.84	1.55
45	28.98	-38.51	33.21	-4.12	5.74	7.18	-4.21	16.37
46	25.21	-46.88	24.01	3.77	-4.25	17.35	-47.52	31.01
47	19.54	-29.34	16.09	7.86	-14.12	15.57	-44.46	36.35
48	13.74	-24.07	-22.67	16.09	-19.29	13.69	-35.77	36.65
49	0.91	-17.14	-18.43	21.96	-18.54	11.53	-21.53	26.13
50	-4.10	-12.77	-32.05	21.56	-9.04	3.74	-41.50	5.54
					-0.29	-3.24	34.13	-8.42

RECORD=S-236 COMPONENT=E-W SIGNAL=GR,ACC, CURVECTION=ZERO,ARC STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11400

NO.	( 2000)	( 2050)	( 2100)	( 2200)	( 2300)	( 2400)	( 2500)	( 2600)	( 2700)	( 2800)	( 2900)	( 3000)	( 3100)	( 3200)	( 3300)	( 3400)	( 3500)	( 3600)	( 3700)	( 3800)	( 3900)	( 4000)	( 4100)	( 4200)	( 4300)	( 4400)	( 4500)	( 4600)	( 4700)	( 4800)	( 4900)	( 5000)	( 5100)	( 5200)	( 5300)	( 5400)	( 5500)
1	-19.32	18.93	-31.13	-32.18	-35.57	-72.09	27.87	-49.49	10.85	41.67																											
2	-33.87	21.97	-21.51	-2.58	-39.80	-56.08	24.59	-44.42	9.48	29.58																											
3	-40.23	22.68	-10.78	12.96	-49.01	-77.71	18.61	-35.40	4.27	15.85																											
4	-44.30	22.29	-5.73	29.25	-55.05	-70.43	9.23	-24.02	1.48	6.85																											
5	-41.65	18.44	7.48	42.91	-51.97	46.67	1.76	-6.55	-1.73	-3.80																											
6	-33.59	11.44	11.51	20.76	-43.25	47.91	-4.66	9.29	-8.69	-15.37																											
7	-18.59	6.65	10.98	46.33	-32.95	46.48	10.67	13.57	-12.74	-26.12																											
8	1.54	3.78	3.52	37.49	-23.14	41.71	16.20	17.47	-15.27	-37.01																											
9	26.42	3.37	-4.51	25.92	-12.29	23.93	21.32	21.23	-20.80	44.55																											
10	31.52	0.58	-1.53	11.05	-4.53	17.78	28.54	23.45	-24.56	47.00																											
11	30.17	-8.16	-22.84	-4.57	-17.53	-37.59	28.05	29.37	-25.83	48.11																											
12	23.32	-11.32	-28.55	-18.87	-45.94	-47.65	-24.72	26.17	-27.67	47.80																											
13	13.31	-18.76	-30.45	-26.94	-47.65	-47.65	-18.21	24.92	-24.29	42.14																											
14	5.55	-25.01	-29.58	-40.01	2.95	-41.83	12.51	21.95	-20.11	-32.53																											
15	-4.41	-31.95	-29.07	-38.67	5.37	-50.59	-6.61	18.70	-14.78	-23.04																											
16	-12.27	-38.14	-11.96	-32.28	9.42	-20.52	-6.61	17.12	3.19	-8.71																											
17	-18.10	-42.36	3.47	-19.19	13.42	-7.44	-2.94	14.18	14.10	-4.75																											
18	-20.98	-41.55	-4.45	-4.45	15.46	5.40	-0.65	11.18	17.29	1.12																											
19	-20.93	-37.12	39.43	9.45	17.86	23.39	-2.95	6.27	19.00	5.16																											
20	-19.80	-29.26	32.22	13.08	19.37	43.71	-3.66	1.31	18.02	12.83																											
21	-18.16	-18.63	26.71	12.88	18.41	25.41	-6.36	-3.30	14.47	22.19																											
22	-7.31	-4.38	-7.31	7.39	-4.38	15.22	-7.38	-8.28	8.19	51.99																											
23	-0.69	7.61	10.50	-0.52	10.84	47.93	-10.05	-12.79	3.16	35.89																											
24	2.61	19.12	1.52	7.82	3.42	37.42	-14.49	-18.43	2.36	38.13																											
25	0.01	20.48	-6.45	-15.95	-4.60	24.03	17.52	-21.93	-0.74	38.12																											
26	-4.40	15.17	-14.76	-18.59	-12.82	8.20	-20.00	-27.20	-4.38	35.45																											
27	-6.14	7.48	-23.56	-23.50	-22.97	-4.67	-20.70	-30.83	-12.70	29.62																											
28	-11.91	0.56	-33.64	-23.84	-29.51	-17.15	-22.26	-33.07	-14.44	22.00																											
29	-12.49	-6.03	-46.89	-22.49	-35.56	-27.81	-22.99	-33.20	-16.44	14.66																											
30	-12.39	-17.38	-52.96	-15.78	-39.57	-41.64	-20.99	-27.25	-16.04	7.34																											
31	-12.14	-23.43	-54.68	-4.47	-36.40	-22.71	-14.22	-18.92	-10.62	1.11																											
32	-10.35	-40.64	-52.24	7.47	-25.85	-37.75	-4.60	-9.41	-5.71	-2.69																											
33	-8.49	-40.57	-43.74	7.48	-10.28	-37.07	8.14	5.27	-0.85	-4.81																											
34	-7.99	-38.53	-30.29	8.65	-2.14	-22.52	15.34	17.50	2.55	-9.13																											
35	-7.41	-32.19	-13.63	13.42	16.05	-6.35	17.13	21.91	2.75	-11.02																											
36	-7.92	-22.83	3.52	14.79	32.00	1.18	15.44	22.89	0.25	-11.97																											
37	-9.84	-10.33	21.82	20.21	33.62	1.18	13.41	22.89	-12.59	-14.72																											
38	-15.51	3.52	25.74	28.90	62.79	-2.42	10.81	22.89	-17.31	-19.29																											
39	-20.07	28.32	27.71	28.61	63.45	-4.63	9.25	22.42	-35.51	-19.15																											
40	-22.02	42.78	26.45	25.49	57.71	-7.38	9.10	17.84	-52.84	-18.47																											
41	-25.00	44.31	18.40	19.00	49.14	-12.67	7.33	8.92	-59.08	-16.88																											
42	-22.76	36.82	13.16	39.67	59.67	-15.69	6.72	-0.51	-61.80	-16.54																											
43	-20.27	32.33	70.50	29.65	-14.27	5.31	-6.67	-6.67	-61.81	-15.34																											
44	-14.68	20.62	-18.66	-0.64	19.62	-5.34	2.32	-12.67	-33.35	-14.17																											
45	-13.96	11.24	-23.81	-4.57	10.59	2.08	-14.38	-14.38	1.56	-13.47																											
46	-8.29	35.85	-35.85	11.09	1.41	12.51	-19.37	-13.15	31.06	-12.67																											
47	-0.51	-11.41	-40.20	-20.48	19.78	-29.53	0.99	49.32	-11.71	-8.60																											
48	4.91	-20.93	-39.00	-22.08	25.74	-36.52	3.99	55.80	-8.60	-8.60																											
49	9.61	-29.37	-33.55	-23.88	28.57	-43.48	6.83	57.93	3.63	-8.60																											
50	15.66	-33.76	-23.10	-29.53	28.53	-48.48	11.08	51.86	15.18	-8.60																											

RECORD=S*236 DATE AND TIME=1968.05.16.09.49	COMPONENT=H	SIGNAL=GR.ACC. INTERVAL= 0.0510(SEC)	CORRECTION=ZERO.ARC FORMAT NO.=801	STATION=NIVAKO'S TOTAL NUMBER OF DATA=11400
NO.	( 5900 )	( 5850 )	( 5800 )	( 5950 )
1	16.77	-21.56	-32.97	-32.85
2	18.07	-30.41	-23.21	-57.07
3	10.30	-8.25	-12.88	-30.80
4	-1.82	-4.89	18.06	6.70
5	-13.00	-10.50	29.63	-8.82
6	-21.80	-8.71	36.53	-9.85
7	-27.35	-5.10	40.73	-17.19
8	-51.30	-6.87	14.86	-28.12
9	-66.35	0.80	15.59	-53.79
10	-61.74	4.43	14.97	-36.33
11	-26.31	-19.22	33.40	-36.33
12	-17.24	-10.55	22.18	29.72
13	-8.85	-10.54	14.89	19.75
14	-4.77	-10.52	-6.03	23.43
15	4.51	-10.02	4.97	7.74
16	10.96	-8.82	-18.24	-24.92
17	14.12	-6.76	-26.23	-40.03
18	15.08	-5.01	-35.84	-44.28
19	15.09	-8.87	-37.90	-15.39
20	13.26	18.87	-38.50	29.51
21	10.15	8.92	-37.00	-51.24
22	0.47	-43.47	-25.75	-54.92
23	-4.86	-46.78	-39.17	-35.78
24	-12.83	-48.02	-30.81	-42.78
25	-16.98	-46.78	-32.83	-42.78
26	-27.44	-45.68	-31.66	-22.46
27	-52.15	-43.44	-31.66	35.91
28	-35.98	-43.47	-28.83	35.91
29	-56.13	-46.78	-20.44	24.42
30	-51.87	-48.02	19.94	31.76
31	-19.56	-46.78	19.94	31.76
32	-6.30	-45.68	24.96	45.02
33	9.22	-45.68	25.71	45.02
34	27.86	-43.44	25.67	-1.22
35	31.95	-43.44	22.72	-10.07
36	30.87	-43.44	22.72	-10.07
37	21.74	-43.44	23.20	-17.31
38	9.56	-43.44	26.08	-23.47
39	-1.14	-43.44	25.12	-28.58
40	-7.12	-43.44	22.89	-31.22
41	-14.43	-43.44	14.59	-0.78
42	-20.71	-43.44	14.59	-11.09
43	-22.39	-43.44	7.76	-35.47
44	-22.80	-43.44	-3.12	-50.72
45	-26.20	-43.44	-15.32	-16.04
46	-22.11	-43.44	-26.49	-43.68
47	-15.28	-43.44	-36.58	-7.91
48	-4.81	-43.44	-42.46	25.82
49	-27.00	-43.44	-45.15	50.02
50	12.75	-43.44	-43.76	53.24
		-43.44	-37.17	34.41
		-43.44	-26.34	34.41
		-43.44	18.97	29.97
		-43.44	18.97	29.97
		-43.44	8.65	19.52
		-43.44	-8.99	8.65
		-43.44	-37.17	19.52
		-43.44	-26.34	16.55
		-43.44	51.41	12.48
		-43.44	41.70	12.48
		-43.44	28.01	6.93
		-43.44	31.74	6.93
		-43.44	29.38	-5.28
		-43.44	27.98	-5.28
		-43.44	1.26	-13.63
		-43.44	-1.26	-26.83
		-43.44	32.28	-37.44
		-43.44	-17.59	-37.44
		-43.44	-26.73	-10.58
		-43.44	38.10	-42.74
		-43.44	18.72	-45.90
		-43.44	4.83	-41.56
		-43.44	-7.19	-60.84
		-43.44	-21.64	-60.84
		-43.44	-22.19	-19.03
		-43.44	-66.69	-19.03

NO.	( 6000 )	( 6050 )	( 6100 )	( 6150 )	( 6200 )	( 6250 )	( 6300 )	( 6350 )	( 6400 )	( 6450 )
1	-2.16	-31.92	-11.93	10.72	-12.81	34.81	-18.75	-32.12	4.34	14.35
2	8.69	-23.80	-13.07	18.29	-15.42	36.67	-25.95	-19.30	12.30	16.35
3	23.91	-12.05	-15.60	15.12	-17.84	56.75	-29.62	-5.49	18.18	17.96
4	56.43	-11.20	-11.90	11.90	-25.03	52.52	-31.43	4.37	19.18	20.72
5	43.07	26.92	7.86	21.90	-25.76	21.90	-30.32	10.40	20.13	21.02
6	48.99	28.93	0.63	3.09	-25.94	9.88	-23.29	12.51	20.33	17.54
7	40.87	30.47	3.40	-10.89	-24.68	-1.88	-7.32	11.25	19.52	14.19
8	30.34	29.58	10.66	-11.33	-19.15	-15.83	8.54	4.43	16.07	10.25
9	23.06	23.73	14.74	-13.16	-12.02	-28.23	18.49	0.34	10.25	5.70
10	14.29	16.08	19.10	-15.40	0.27	-55.50	22.40	-0.16	3.78	-2.25
11	4.70	5.66	27.38	-17.78	20.78	-43.61	22.08	-4.58	22.62	-5.72
12	-3.28	-1.30	29.13	-19.12	31.77	-59.25	18.13	-9.53	-13.78	-15.80
13	-10.07	-5.36	31.13	-19.19	36.79	-23.38	11.86	-13.31	-20.99	-20.83
14	-13.36	-15.61	30.08	-16.56	37.24	-8.28	4.75	-14.42	-28.18	-26.10
15	-19.65	-23.07	28.74	-11.25	35.11	4.47	-2.52	-11.91	-31.74	-29.63
16	-23.63	-23.70	20.81	-6.29	21.75	16.05	-5.33	-9.45	-30.47	-23.22
17	-29.01	-24.14	12.32	4.35	14.23	29.24	-7.43	-3.65	-20.99	-21.33
18	-29.94	-21.89	2.64	12.33	6.66	34.40	-8.51	2.35	-11.02	-14.25
19	-24.49	-17.78	-3.41	12.90	-4.47	34.42	-7.87	10.48	3.14	-5.58
20	-18.66	-10.61	-12.60	12.41	-12.67	39.28	-3.79	16.78	25.98	5.14
21	-11.00	-6.89	-22.38	6.33	-20.01	15.34	5.37	23.70	31.09	20.16
22	-3.29	-3.29	-23.18	-1.69	-29.91	8.44	17.57	21.82	27.45	28.27
23	10.00	-3.39	-23.39	-6.68	-34.66	3.30	20.31	8.06	21.56	19.28
24	22.68	1.59	-23.79	-15.44	-39.17	-5.55	19.11	-3.59	12.19	17.14
25	24.62	2.39	-26.61	-18.63	-37.62	-12.25	12.22	-10.26	6.10	14.06
26	29.00	2.49	-26.22	-26.63	-30.93	-17.79	4.41	-18.97	-4.67	12.08
27	11.15	0.69	-23.20	-39.70	-20.01	-23.67	-9.32	-27.94	-15.76	10.10
28	4.49	-1.31	-23.30	-37.45	-5.45	-22.65	-14.53	-32.25	-27.52	8.11
29	-4.30	-4.02	-20.41	-36.44	8.45	-16.81	-26.10	-35.76	-39.80	6.32
30	-11.22	-5.32	-19.50	-20.83	-6.42	-16.42	-36.28	-34.35	-42.95	3.53
31	-18.16	-6.60	-2.82	-9.32	24.62	1.21	-44.53	-25.78	-43.80	0.34
32	-18.51	-5.70	0.54	-3.36	23.62	8.51	-46.26	-5.48	-41.75	-1.87
33	-22.01	4.01	3.95	6.37	21.68	14.61	-42.27	8.28	-36.60	-4.27
34	-20.72	1.52	6.74	14.78	13.70	9.74	-29.73	18.78	-28.97	-5.15
35	-14.98	-1.92	6.32	20.87	7.68	1.80	-8.17	24.82	-15.20	-2.76
36	-9.20	-4.32	4.42	24.72	1.85	-11.90	14.94	28.15	16.44	-0.37
37	-5.23	-5.78	0.64	26.11	-1.45	-15.25	27.50	28.30	22.66	3.05
38	2.63	-7.22	-1.57	25.32	-2.46	-18.70	36.03	27.60	25.77	2.73
39	7.68	-7.30	2.41	24.07	-12.06	-21.78	40.50	23.37	20.24	2.13
40	12.05	-5.28	-12.17	18.66	-15.07	-25.56	40.65	15.16	25.88	-0.27
41	12.98	0.78	-12.43	14.22	-21.63	-16.88	37.97	8.12	11.06	-4.31
42	14.60	4.60	-18.50	9.66	-24.23	-7.87	30.16	1.61	-0.43	-4.17
43	13.90	10.71	-18.92	2.39	-24.59	3.41	19.95	-3.70	-7.48	-27.70
44	8.58	16.03	-18.28	0.39	-23.23	8.46	10.07	-7.34	-20.59	-31.85
45	0.02	16.96	-10.94	-0.91	-20.72	12.63	-2.56	-11.60	-31.53	-31.65
46	-7.82	16.50	-13.22	-1.32	-13.36	13.33	-13.27	-15.33	-33.38	-33.82
47	-19.74	13.44	-9.30	-5.44	-5.41	11.68	-22.16	-16.12	-31.68	-17.14
48	-28.88	7.61	-3.55	-8.76	2.25	4.46	-29.50	-16.50	-27.32	-9.03
49	-33.37	2.66	-2.07	-9.65	-3.52	-3.52	-35.11	-14.56	-14.50	4.26
50	-34.38	5.37	2.54	-11.16	23.92	-10.59	-35.55	-5.53	7.14	13.83

RECNO=S-266  
 DATE AND TIME=1968.05.16.09.49 COMPONENT=E-H SIGNAL=GR.ACC. CURVECTION=ZERO.ARC STATION=MIYAKO-S  
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11400

NO.	( 6200)	( 6250)	( 6300)	( 6350)	( 6400)	( 6450)	( 6500)	( 6550)	( 6600)	( 6650)	( 6700)	( 6750)	( 6800)	( 6850)	( 6900)	( 6950)
1	14.12	-22.75	-5.42	31.61	14.15	-10.68	27.79	-19.58	3.80	5.89						
2	14.03	-22.98	-13.63	36.63	21.39	-18.68	27.87	-14.66	11.81	14.08						
3	11.78	-23.36	-17.88	36.08	26.69	-27.80	26.99	-7.97	16.43	20.44						
4	7.20	-22.28	-23.54	29.25	28.95	-32.97	23.57	-6.39	17.28	26.81						
5	-2.69	-17.12	-23.96	19.90	29.86	-36.55	10.44	-6.29	15.85	28.16						
6	-9.46	-9.46	-7.99	10.90	28.80	-33.47	6.55	-6.20	13.18	29.78						
7	-10.58	2.18	-19.98	11.42	22.74	-34.39	-3.97	-6.98	8.29	28.79						
8	-18.78	20.02	-11.41	-12.33	15.80	-13.71	-18.34	-5.97	2.95	22.82						
9	-24.06	20.63	-5.64	-19.08	6.26	-0.01	-11.68	-3.28	-4.16	7.03						
10	-24.78	20.63	13.28	-26.39	-2.67	-22.78	-22.78	0.51	-11.46	-0.88						
11	-29.77	21.12	14.88	-30.89	-9.20	41.50	24.10	3.94	-12.29	-8.91						
12	-28.80	19.48	15.98	-33.59	-16.87	44.00	26.47	14.23	-13.76	-16.30						
13	-24.07	16.00	15.16	-31.65	-25.38	44.28	30.19	22.05	-14.15	-21.75						
14	-18.62	11.21	13.86	-22.70	-30.79	-45.82	-30.52	25.10	-11.86	-23.28						
15	-9.60	2.26	9.90	-15.57	-31.81	39.91	-27.01	25.69	-5.99	-24.47						
16	7.16	-0.74	4.21	-2.31	-28.82	32.99	-21.09	25.11	0.66	-29.06						
17	21.27	-5.79	1.52	9.56	-18.39	21.71	-12.58	21.40	2.66	-34.87						
18	31.69	-13.13	1.42	14.43	-3.91	9.65	2.05	15.40	5.94	-34.33						
19	34.20	-15.78	1.42	22.52	12.28	-1.52	8.05	6.13	3.94	-29.94						
20	31.88	-20.38	5.91	26.06	20.19	-12.59	16.28	-2.31	0.35	-20.22						
21	22.98	-24.08	5.60	24.82	24.25	-23.67	22.02	-6.57	-2.35	-11.08						
22	16.81	-25.79	3.41	20.70	25.84	-34.60	22.77	-14.07	-6.08	-3.17						
23	9.17	-25.76	1.31	15.75	25.54	-45.14	20.82	-17.99	-10.30	5.93						
24	2.19	-23.47	-2.60	10.06	22.60	-46.82	20.41	-19.10	-12.38	22.87						
25	-2.62	-18.52	-9.00	5.14	17.88	-41.44	13.70	-18.78	-15.36	34.08						
26	-13.80	-10.54	-15.61	-0.23	11.79	-30.85	5.77	-15.66	-13.65	33.33						
27	-16.64	-2.03	-17.66	-8.22	7.43	-18.63	-2.67	-13.13	-13.58	33.33						
28	-21.60	12.57	-15.43	-13.77	-0.28	-5.81	-6.74	-10.93	-11.63	26.69						
29	-21.54	25.25	-14.50	-13.11	-13.11	9.14	-11.73	-7.98	-4.33	17.22						
30	-20.80	34.28	-2.09	-13.57	-16.05	18.41	-14.00	-5.97	2.25	7.24						
31	-19.47	40.38	6.00	-6.98	-21.15	24.23	-17.00	-0.61	9.95	1.89						
32	-19.39	38.58	28.28	-1.94	-26.45	26.05	-15.50	3.91	14.84	-8.11						
33	-9.34	32.62	30.54	1.56	-27.42	26.12	-6.89	10.87	18.98	-16.46						
34	-9.64	23.02	32.28	2.87	-27.54	23.92	0.73	18.64	20.64	-24.61						
35	4.23	13.25	30.59	6.08	-26.62	17.03	3.94	28.17	20.55	-30.86						
36	13.86	3.23	23.11	8.87	-21.65	7.98	7.96	29.73	19.42	-32.37						
37	20.88	-5.83	14.34	9.63	-10.76	-0.63	10.15	30.28	16.38	-25.28						
38	28.38	-16.10	4.55	6.51	-5.84	-5.97	11.14	28.18	7.25	-19.22						
39	31.99	-24.21	-5.87	5.62	0.01	-10.95	15.16	19.10	-0.66	-8.92						
40	30.36	-27.52	-15.04	0.15	6.07	-15.76	13.65	8.79	-9.85	1.80						
41	29.69	-24.45	-20.51	-4.16	14.27	-20.16	9.38	-2.43	-14.12	13.94						
42	19.86	-21.48	-27.34	-7.21	20.95	-23.66	7.36	-11.56	-17.85	22.38						
43	9.14	-13.20	-32.96	-13.06	31.61	-24.08	2.21	-20.08	-21.93	27.45						
44	1.28	-4.04	-37.02	-19.00	38.44	-26.16	5.42	-26.22	-23.97	28.29						
45	-4.76	2.95	-34.73	-24.70	39.71	-28.95	11.71	-27.97	-25.97	27.98						
46	-12.61	10.23	-27.05	-26.87	37.96	-28.79	16.22	-28.19	-25.87	20.61						
47	-18.28	14.13	-17.17	-24.34	32.17	-22.49	22.09	-26.64	-24.28	13.69						
48	-21.62	13.95	-7.66	-15.40	22.70	-10.57	23.96	-18.37	-17.01	8.96						
49	-21.73	11.69	4.15	-6.90	11.55	4.01	24.42	-5.87	-19.90	1.68						
50	-22.72	0.63	21.09	7.12	-0.90	18.70	23.51	-2.32	-2.16	-2.12						

NO.	( 7000 )	( 7050 )	( 7100 )	( 7150 )	( 7200 )	( 7250 )	( 7300 )	( 7350 )	( 7400 )	( 7450 )
1	-5.13	-3.18	-24.83	-32.69	19.98	1.57	-14.19	1.48	17.82	-45.47
2	-6.82	-12.19	-21.41	-36.84	20.71	12.85	-18.88	3.08	34.85	-46.22
3	-7.23	-18.17	-38.64	-48.64	19.63	41.05	-19.61	5.49	40.86	-41.74
4	-7.83	-18.07	-6.13	-41.28	18.74	25.22	-14.04	7.47	43.43	-31.29
5	-8.34	-17.71	6.72	-39.82	17.85	23.92	-6.31	6.95	41.01	-15.06
6	-9.91	-11.29	11.87	-31.66	17.08	18.54	1.52	4.55	35.34	10.11
7	-14.15	-8.39	13.11	-20.90	16.53	16.82	3.33	-1.23	29.80	38.48
8	-17.27	-3.45	23.92	-8.11	13.51	11.10	8.01	-6.58	21.52	41.28
9	-20.89	1.74	29.59	1.63	8.61	5.44	7.58	-22.32	12.23	39.30
10	-21.01	8.81	25.08	13.98	2.69	2.65	4.80	-24.26	3.50	34.09
11	-13.60	13.31	21.60	22.01	-4.54	-3.65	1.61	-26.52	-6.57	29.74
12	-10.06	19.39	15.49	25.14	-12.87	-5.16	-0.59	-25.33	-16.67	25.74
13	-7.06	18.60	11.57	24.62	-20.96	-8.08	-2.39	-17.62	-25.56	19.81
14	-0.43	18.03	4.16	20.47	-28.98	-4.51	-4.51	-6.35	-33.57	10.21
15	2.81	22.06	-2.22	13.70	-32.46	-12.06	-7.84	3.50	-36.08	-1.13
16	13.63	22.35	-6.25	12.95	-31.26	-11.85	-11.85	18.18	-34.7	-14.86
17	13.93	22.39	-10.25	7.00	-25.85	-13.98	-13.76	28.90	-26.33	-23.62
18	17.57	20.86	-10.44	-0.46	-16.64	-14.69	-15.44	35.60	-13.97	-22.94
19	17.46	16.98	-21.87	-6.33	-6.24	-15.45	-15.88	35.85	-2.56	-16.61
20	12.60	11.76	-35.00	-15.91	1.60	-15.10	-10.20	34.02	14.14	-2.61
21	10.72	9.74	-20.15	-15.27	9.66	-8.21	-1.69	27.88	32.72	-9.53
22	5.03	5.78	-9.00	-21.60	13.08	1.56	9.70	19.63	47.25	17.62
23	0.74	0.42	3.50	-28.10	15.32	20.34	19.81	9.35	53.76	21.27
24	-2.14	-4.20	14.01	-32.91	13.98	30.67	29.35	-1.05	55.41	22.17
25	-2.43	-8.19	22.09	-35.97	11.18	31.71	36.76	-12.56	54.38	21.79
26	5.79	-15.74	25.47	-33.64	3.87	29.67	34.29	-25.15	48.53	18.18
27	9.64	-22.48	23.65	-26.43	-2.62	22.45	30.59	-33.10	39.15	14.32
28	10.78	-25.90	17.11	-15.43	-6.35	5.57	25.34	-39.74	28.07	11.07
29	14.24	-26.23	11.20	-0.57	-10.11	-4.39	16.97	-43.09	15.46	7.38
30	13.75	-23.25	4.91	14.26	-14.24	-12.48	7.47	-40.93	-2.52	0.46
31	10.81	-15.92	-5.89	29.75	-14.43	-19.62	-2.42	-33.07	-20.50	-5.16
32	-6.05	-11.01	-14.31	40.37	-8.18	-26.05	-10.41	-20.88	-36.33	-8.70
33	-9.86	-4.46	-18.36	45.48	1.59	-28.36	-14.67	-5.81	-46.93	-12.47
34	-13.49	1.72	-21.20	45.10	16.13	-27.10	-15.85	45.50	-53.84	-13.24
35	-20.59	9.79	-19.62	39.09	26.43	-19.34	-14.52	56.95	-60.32	-13.10
36	-28.56	13.77	-15.66	31.76	34.05	-10.23	-8.30	62.31	-61.50	-9.38
37	-29.21	15.18	-7.09	23.40	39.08	-4.43	-1.11	63.54	-56.68	-0.84
38	-29.33	16.65	3.52	13.26	33.08	3.25	6.58	60.14	-3.62	4.77
39	-13.62	19.04	13.99	1.71	29.70	11.77	16.92	52.39	51.51	6.96
40	-2.97	20.62	22.09	-8.16	7.67	19.87	23.89	33.20	66.97	7.75
41	16.45	20.71	26.17	-21.16	-1.03	23.96	26.57	3.51	75.09	7.41
42	28.26	19.62	33.07	-31.94	-6.40	26.83	24.63	-6.56	72.76	3.44
43	33.19	17.36	30.93	-40.27	-15.26	26.35	18.96	-18.12	65.91	-1.55
44	37.94	13.61	33.38	-46.55	-22.11	23.51	11.39	-32.14	59.40	-3.56
45	33.35	8.92	30.51	-48.29	-26.83	22.10	4.75	-41.30	51.26	-6.57
46	26.62	4.17	18.43	-37.45	-30.13	17.62	-1.22	-49.39	40.96	-8.96
47	16.60	-2.61	4.70	-17.48	-28.58	12.60	-4.25	-55.38	29.42	-2.63
48	16.40	-10.04	-5.53	-6.12	-20.43	3.60	-6.42	-55.36	19.33	-2.63
49	9.14	-16.36	-13.62	-11.15	-14.15	-4.39	-6.59	-50.15	6.37	9.26
50	3.82	-20.72	-25.16	16.23	-4.61	-8.36	-3.21	-25.73	-7.09	15.45

RECORDS=266  
DATE AND TIME=1968.05.16.09.49  
COMPONENT=E-W  
SAMPLING INTERVAL=0.040(SEC)  
CORRECTION=ZERO.ARC  
FORMAT NO.=301

STATION=MIYAKO-S  
TOTAL NUMBER OF DATA=11400

RECORD=S\*236 COMPONENT=E-W SIGNAL=UR,ACC. CURRECTION=ZERO,ARC STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=001 TOTAL NUMBER OF DATA=11400

NO.	( 7500)	( 7550)	( 7600)	( /650)	( 7700)	( 7750)	( 7800)	( 7850)	( 7900)	( 7950)
1	21.78	11.00	6.53	56.52	61.68	28.31	40.31	42.25	-22.40	8.03
2	21.69	-3.64	-2.51	18.94	61.41	18.94	29.26	34.79	-21.88	6.46
3	29.26	-17.45	16.85	14.25	54.81	7.08	12.86	26.46	-16.52	6.98
4	28.02	-32.85	25.68	4.27	46.58	-5.86	4.14	16.88	-4.15	9.86
5	24.71	-39.73	34.04	-5.55	37.57	-17.63	-6.92	12.50	11.03	15.36
6	16.12	-35.78	40.32	-14.82	27.01	-32.70	-17.15	0.14	20.50	24.22
7	7.35	-24.02	46.68	-24.66	14.70	-42.22	23.91	-5.88	27.57	64.48
8	-0.56	-10.13	52.00	-34.61	3.24	-46.75	27.05	-8.07	26.67	69.04
9	-6.61	9.42	58.35	-39.29	-6.84	-43.41	-28.82	-8.00	21.25	86.55
10	-11.45	27.66	49.79	-37.05	-17.20	-31.67	-27.67	13.14	34.24	84.24
11	-22.68	43.25	40.77	-29.25	-26.50	-8.50	-20.52	-3.47	4.05	24.64
12	-18.58	50.11	27.24	-17.85	-33.44	54.85	-7.69	-5.55	14.95	14.95
13	-24.55	50.66	-10.15	-6.62	-37.05	51.84	3.08	-2.98	-10.85	5.20
14	-27.09	46.09	10.61	1.20	-36.28	54.64	7.14	-5.57	-12.21	-1.96
15	-31.00	39.58	48.07	4.62	-18.13	57.02	13.47	-5.90	-3.45	-5.80
16	-33.40	34.85	63.15	8.70	32.99	53.73	23.75	-9.62	-11.77	-12.15
17	-34.67	27.72	59.15	6.66	39.27	56.50	28.67	-12.02	-6.85	-21.42
18	-35.59	18.56	50.68	6.26	46.07	47.45	28.05	-13.44	-0.02	-26.92
19	-36.91	8.19	41.28	1.30	49.09	36.84	23.81	-10.01	8.92	-28.85
20	-37.55	4.67	31.90	0.30	46.19	24.54	15.12	-6.76	17.30	-27.49
21	-34.52	17.08	21.46	9.89	-0.00	6.47	3.66	5.10	24.80	-19.92
22	-27.15	-29.90	5.24	3.23	31.09	-33.38	20.08	20.08	24.73	-8.76
23	-18.89	-39.16	-18.56	16.94	20.90	-46.19	12.30	32.50	22.22	2.95
24	-9.37	-44.56	-13.36	29.76	8.09	-49.75	37.22	14.61	9.88	9.88
25	1.33	-41.63	28.97	39.70	-2.37	-34.51	15.43	34.95	5.02	17.11
26	16.26	-32.58	30.73	45.85	-14.84	-54.50	-7.74	28.99	-5.77	19.68
27	53.92	-15.62	24.89	46.97	-23.11	-54.62	0.06	20.91	-12.51	21.53
28	56.67	26.24	-13.09	42.85	-26.78	-36.39	8.29	9.28	-15.00	21.19
29	54.85	27.18	1.24	35.13	-27.89	-45.88	18.07	-2.91	-15.54	17.50
30	47.54	26.60	21.33	27.77	-29.83	-33.09	34.79	-15.38	-19.85	9.92
31	38.25	22.34	31.68	18.96	-28.16	95.54	48.66	-40.15	-12.72	-3.99
32	29.08	13.56	32.65	10.11	-23.44	38.50	50.52	-27.95	-18.49	4.78
33	17.83	8.24	28.72	2.28	-16.20	33.09	45.19	-31.17	-12.72	-3.99
34	4.76	-0.63	20.42	-6.81	0.54	75.88	36.90	-53.55	-5.02	-8.97
35	-6.70	-5.65	11.01	-17.06	11.11	57.66	27.06	-45.58	-3.23	-14.39
36	-19.09	8.59	0.67	-28.79	17.45	27.06	15.47	-15.75	0.97	-16.97
37	-30.65	-12.64	-11.70	-41.60	21.48	31.69	3.12	-15.75	-0.03	-18.38
38	-39.35	-15.72	-23.61	-30.97	17.70	-3.85	12.04	3.06	2.97	-18.00
39	-40.81	-17.29	-35.27	-39.04	10.02	-17.60	-23.14	27.92	5.06	-12.57
40	-43.25	-16.23	-43.51	-34.03	0.44	-28.07	-43.67	43.79	4.86	-1.08
41	-41.50	-9.42	-48.43	-28.07	-43.67	43.79	4.86	3.46	15.22	7.61
42	-32.85	1.27	-41.57	-18.01	-57.20	45.54	3.06	15.22	20.97	15.22
43	-19.25	13.67	-27.90	-17.67	-25.47	-51.91	-58.25	38.54	3.16	21.47
44	-0.69	24.58	-10.15	-4.77	-25.63	-38.01	-52.16	31.86	4.98	20.94
45	22.41	35.43	11.97	5.26	-17.92	-31.68	-41.08	23.59	8.58	20.11
46	39.65	43.36	14.28	14.28	-6.54	-23.73	-27.06	13.73	10.27	18.66
47	41.11	45.11	59.32	24.28	17.07	22.85	-12.17	5.05	10.76	14.14
48	39.16	40.22	39.08	37.41	35.27	39.58	7.29	-4.72	10.74	12.35
49	33.82	31.80	31.92	49.60	41.16	44.76	30.32	-8.96	10.03	10.68
50	20.67	21.35	44.66	36.81	37.61	44.42	44.03	-18.32	9.04	9.04

RECORDS=236  
DATE AND TIME=1968.05.16.09.49

COMPONENT=E-W  
SIGNAL=GR,ACC,  
CORRECTION=ZERO,AR0

STATION=MIYAKO#5  
TOTAL NUMBER OF DATA=1400

FORMAT=NO.8301

NO.	( 8000)	( 8050)	( 8100)	( 8150)	( 8200)	( 8250)	( 8300)	( 8350)	( 8400)	( 8450)
1	6.36	20.64	-6.17	*1.42	15.68	10.95	7.62	-27.92	17.35	25.47
2	1.01	7.82	*17.31	0.58	5.76	0.79	=2.26	-11.50	30.81	19.10
3	-3.61	-3.05	-25.84	2.58	4.20	-7.35	*11.42	13.22	36.86	12.76
4	*10.80	-12.16	-31.00	7.59	-13.55	-20.16	-21.77	34.21	36.31	5.77
5	-15.00	-13.26	-30.30	8.79	-26.40	-33.04	-27.48	48.13	32.80	0.41
6	-17.09	-23.06	-25.26	9.60	-33.26	-42.74	-29.78	51.14	25.27	-7.45
7	-16.71	-24.04	-13.52	10.82	-29.75	-48.15	*32.46	45.42	16.51	-13.27
8	-11.98	-23.01	-0.18	12.84	-20.73	-44.15	*31.21	35.29	10.49	-24.04
9	5.05	-14.67	8.22	14.88	-7.00	-33.86	*25.19	23.68	3.95	-32.83
10	5.32	-6.85	8.91	17.06	8.83	-19.62	*16.31	9.59	2.05	-35.87
11	15.00	11.09	8.89	16.57	27.94	0.48	-1.36	-5.99	*1.05	-37.10
12	15.87	19.82	7.50	11.66	40.54	21.26	15.18	-17.80	-1.5	-34.48
13	18.90	21.81	6.30	4.82	42.42	28.19	25.89	-27.87	-1.15	-27.52
14	18.75	23.15	4.61	-3.76	39.83	25.38	28.94	-32.09	-1.25	-19.25
15	16.70	22.91	4.62	-11.20	34.32	16.43	28.98	-35.76	-1.25	*5.42
16	11.94	20.24	6.83	-17.48	30.77	10.56	22.19	-36.67	-1.25	6.82
17	6.96	12.65	8.83	-24.33	21.96	1.78	16.41	-31.92	-1.05	18.52
18	6.48	4.31	10.21	-27.64	14.28	2.47	11.04	-18.78	-0.06	22.62
19	-3.63	-5.70	10.48	-25.70	6.70	-1.23	7.69	-1.40	0.54	22.48
20	-12.91	-13.26	9.24	-16.20	-5.22	4.12	20.97	20.97	0.54	22.53
21	-18.48	-21.55	5.88	*1.24	-11.25	-10.06	2.73	26.75	0.54	19.80
22	-20.70	-27.74	2.20	13.06	-17.98	-16.11	2.03	27.68	0.14	16.45
23	-20.12	-31.61	-0.10	28.18	-23.10	-19.18	2.23	26.91	*0.16	13.94
24	-14.64	-29.37	-2.80	41.72	-21.72	-19.61	2.62	21.70	-0.36	10.18
25	-6.87	-20.72	-5.11	45.94	-8.90	-17.49	0.73	12.82	*0.76	5.16
26	7.02	-7.81	-6.10	45.85	6.92	-7.03	-3.28	5.66	-1.26	-0.01
27	19.81	10.30	-6.40	41.19	28.79	11.18	-7.35	2.67	-1.36	-7.45
28	30.31	29.17	-8.40	32.60	33.50	31.22	*14.39	-2.82	-0.66	-11.56
29	33.46	31.21	-5.69	23.73	34.67	42.87	-23.63	-3.33	0.94	-13.15
30	35.28	29.04	-3.39	13.86	29.02	44.77	-27.33	-5.72	2.54	-14.08
31	34.99	23.72	0.60	4.80	20.26	39.40	-28.50	-4.88	4.96	-13.19
32	36.46	14.47	7.70	-5.77	12.40	30.16	*24.26	2.59	9.25	-7.35
33	30.17	4.70	16.07	-8.99	0.80	18.90	*16.68	12.94	15.81	-2.01
34	24.76	-4.10	21.16	-17.59	-9.24	8.28	-7.19	23.79	17.18	5.84
35	16.22	-15.37	24.58	-25.89	-17.60	-2.25	0.62	33.51	15.73	12.54
36	6.88	-23.64	24.29	-32.19	-24.98	-15.80	16.25	36.77	3.61	14.06
37	-3.04	-28.65	22.25	-38.10	-27.49	-29.85	31.65	36.05	-1.38	13.36
38	-12.69	-28.89	13.48	-41.40	-31.48	-41.88	38.92	32.47	*10.00	7.59
39	-35.69	-26.40	9.77	-41.20	-32.08	-40.99	37.01	29.02	-20.85	0.58
40	-31.31	-16.14	3.88	-30.76	-27.25	-32.10	31.00	14.10	-29.43	*10.99
41	-32.73	-1.16	0.89	-5.3	-16.97	-16.06	22.50	1.66	-35.48	-21.92
42	-28.61	19.87	-0.81	15.25	-3.27	12.31	-7.45	-39.11	-39.11	-29.43
43	-20.61	35.50	-1.92	26.60	11.22	27.80	0.71	-15.79	-35.14	-32.57
44	-6.85	43.82	-2.02	40.24	31.26	47.52	-7.38	-22.82	-35.66	-34.53
45	9.32	44.23	-1.52	20.26	43.64	55.26	*15.61	30.25	-11.10	-35.93
46	35.88	40.49	-1.52	22.42	44.68	26.05	-24.04	-35.08	2.54	*29.46
47	40.60	34.79	-2.12	49.06	38.61	49.85	-31.30	-32.51	16.89	*7.16
48	48.41	28.86	-2.72	42.56	31.51	41.16	*37.33	-35.77	22.85	15.07
49	41.80	16.34	-2.92	33.80	22.64	31.78	-40.13	-12.16	27.76	27.81
50	32.04	6.79	-2.92	24.58	17.69	19.64	*37.62	4.62	27.09	37.45

RECORD=S-236 COMPONENT=H-H SIGNAL=GR.ACC. CURVE=ZERO.ARC STATION=HIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11400

NO.	( 8500 )	( 8550 )	( 8600 )	( 8650 )	( 8700 )	( 8750 )	( 8800 )	( 8850 )	( 8900 )	( 8950 )
1	42.56	-7.20	2.89	-63.14	-4.22	-12.54	18.99	-19.06	15.03	-22.88
2	46.89	-9.83	4.39	-26.54	-9.67	1.46	19.98	-17.22	17.16	-25.26
3	39.81	-12.50	6.40	-14.98	-17.64	6.97	19.37	-9.58	16.00	-22.29
4	26.28	-13.35	8.06	-3.82	-19.50	8.67	15.40	-2.03	11.96	-17.43
5	18.34	-12.71	9.47	9.60	-13.03	10.12	13.16	8.30	3.79	-11.51
6	10.35	-10.91	5.47	26.80	-14.39	8.92	9.28	17.24	-4.62	-4.10
7	0.77	-8.46	0.98	35.22	-9.51	7.34	8.03	18.43	-13.84	2.08
8	-11.07	-7.48	2.88	37.40	-4.48	6.65	10.08	17.84	-23.21	7.96
9	-25.46	-6.46	1.70	32.85	1.70	6.95	13.66	14.51	-31.99	13.96
10	-43.26	-6.23	2.38	21.83	10.52	6.32	15.06	9.25	-35.23	13.71
11	-34.42	-6.37	0.68	1.42	20.03	3.63	16.08	2.25	-33.88	12.12
12	-61.18	-5.57	4.37	-15.10	24.01	-1.66	15.65	-3.37	-34.41	7.48
13	-64.54	-3.47	4.57	-28.16	26.50	-8.44	14.27	-13.89	-33.15	0.17
14	-57.69	0.42	2.87	-34.33	24.00	-14.13	2.97	-19.76	-25.66	-6.49
15	-38.95	0.42	1.47	-37.79	8.09	-18.07	14.13	-21.02	-3.86	-12.65
16	-14.16	0.42	-0.55	-41.16	1.88	-19.53	27.14	-20.48	6.16	-18.76
17	11.74	0.11	-15.63	-41.93	-7.96	-18.89	36.71	-17.53	12.24	-17.32
18	51.05	0.19	-19.35	-66.49	-11.27	-15.26	43.03	-14.18	16.50	-9.72
19	57.96	-0.19	20.80	-27.13	-13.04	7.54	48.73	-8.08	22.34	-3.90
20	53.41	-0.49	-21.41	-13.95	-13.95	2.24	53.05	-2.94	18.32	6.09
21	43.15	-0.89	-22.02	-6.64	-14.97	8.95	-55.26	4.47	16.96	10.11
22	24.59	-1.49	-18.24	9.60	-15.72	9.62	49.48	9.14	12.99	12.02
23	14.34	-1.79	-8.23	18.66	-19.20	8.88	38.95	14.26	7.13	7.54
24	-2.16	-2.49	-6.62	23.05	-21.78	5.92	-26.53	16.60	0.60	-1.65
25	-14.90	-3.49	1.76	24.10	-24.28	3.73	-14.05	15.71	-6.64	-9.83
26	-30.69	-4.30	3.86	18.84	-25.71	3.23	0.19	12.91	-11.46	-14.00
27	-54.59	-5.31	4.16	11.55	-26.11	4.23	40.34	4.13	-13.83	-19.98
28	-49.07	-7.50	3.86	2.40	-17.18	5.34	43.20	-0.06	-16.86	-23.00
29	-52.17	-7.60	2.36	-7.66	-10.53	6.23	43.85	-9.17	-16.13	-26.70
30	-52.58	-7.99	0.66	-14.25	-6.30	6.64	36.30	-15.40	-13.01	-26.97
31	-37.99	-7.38	1.64	-22.64	-6.12	7.52	17.53	-22.28	-7.78	-22.94
32	-16.73	-2.80	-0.84	-25.50	0.27	7.60	-1.32	-27.74	-6.09	-15.05
33	2.46	4.40	-0.84	-25.33	1.67	5.41	15.99	-27.76	-4.71	-0.15
34	16.68	4.70	-0.84	-23.10	3.97	2.22	27.15	-19.19	-5.71	5.88
35	20.67	4.90	-0.34	-18.22	5.07	-2.68	36.82	-2.06	-6.32	10.15
36	22.60	4.49	0.15	-13.04	6.10	-8.37	41.65	5.17	-7.82	14.52
37	19.18	2.49	2.36	-6.88	10.93	-14.57	48.02	11.11	-8.92	15.95
38	11.34	-0.50	4.36	-0.29	13.11	-18.72	39.49	17.56	-3.89	12.29
39	4.29	-3.52	6.37	0.61	14.26	-19.20	31.94	17.78	3.60	4.72
40	-8.11	-7.64	9.07	0.41	13.78	-19.42	23.25	15.23	8.97	-0.26
41	-11.69	-10.68	10.29	0.71	2.75	-20.01	4.02	7.46	14.00	-5.57
42	-12.30	-17.37	7.79	0.21	-2.63	-21.47	16.37	16.54	16.54	-7.89
43	-7.41	-16.73	6.43	1.90	-8.25	-22.29	19.61	-0.77	17.47	-10.17
44	-2.76	-15.30	-1.76	2.60	-16.29	-22.50	19.92	-8.55	16.83	-10.87
45	0.23	-11.26	-9.55	3.61	-26.51	-21.21	17.71	-13.52	11.15	-11.20
46	2.43	-9.51	-14.59	5.71	-34.11	-17.25	9.80	-14.46	2.58	-8.82
47	0.23	-9.29	-22.04	6.50	-67.43	-10.76	1.67	-7.70	-2.63	-6.15
48	-7.91	-26.11	-28.11	6.78	-35.98	-6.69	-2.24	-2.07	-9.81	-4.15
49	1.63	-33.79	4.59	-29.73	8.13	-7.80	7.80	5.96	-14.60	-3.36
50	-1.47	-33.89	2.29	-20.84	16.65	16.65	13.36	11.23	-20.64	-0.26

RECORD=S-236      COMPONENT=E+H      SIGNAL=GR,ACC.      CORRECTION=ZERO,ARC      STATION=MIYAKO=S  
DATE AND TIME=1968.05.16.09.49      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=501      TOTAL NUMBER OF DATA=11400

NO.	( 9000)	( 9050)	( 9100)	( 9150)	( 9200)	( 9250)	( 9300)	( 9350)	( 9400)	( 9450)
1	-0.47	-31.87	-20.99	19.71	-3.74	6.85	-2.42	25.84	3.49	-8.17
2	-1.57	-61.85	-11.81	19.56	-4.04	9.85	1.77	27.79	5.49	-2.55
3	-2.07	-29.77	-6.98	16.16	-4.24	11.22	3.48	27.98	6.89	3.67
4	-3.07	-23.81	-0.06	11.83	-4.75	11.79	5.60	26.04	7.18	13.46
5	-3.07	-15.35	7.80	3.19	-5.45	11.01	9.64	18.58	6.88	14.08
6	-3.17	-4.94	12.18	-3.02	-6.06	7.27	11.81	11.58	6.38	15.07
7	-2.77	8.95	16.57	-11.67	-8.05	3.90	13.29	3.51	5.98	15.66
8	-2.17	18.57	13.86	-14.00	-6.05	1.61	13.77	-3.49	5.67	15.61
9	-1.97	25.83	11.99	-16.31	-8.04	1.09	13.84	-9.88	4.77	8.04
10	-0.17	25.80	10.10	-16.38	-7.51	-2.49	13.18	-14.83	3.57	-5.33
11	0.23	23.27	4.02	-15.74	-4.51	-4.09	10.82	-17.90	2.18	-15.16
12	0.73	16.78	-2.37	-10.93	4.67	-4.39	5.33	-18.21	1.38	-19.22
13	1.42	11.83	-3.74	-8.01	9.49	-4.20	-0.14	-18.54	0.87	-22.23
14	1.62	3.86	-13.65	-7.95	11.50	-4.90	-7.89	-17.53	-0.13	-22.93
15	2.02	-1.93	-13.08	-6.51	9.82	-5.71	-11.38	-11.10	-0.43	-23.20
16	2.02	-9.97	-18.29	-2.51	3.72	-7.11	-12.78	-8.16	-0.33	-15.48
17	1.92	-16.83	-18.60	-2.61	-3.68	-8.11	-13.85	-6.23	0.87	-8.16
18	0.52	-21.70	-18.74	-2.11	-11.64	-8.89	-14.05	0.31	1.67	-0.37
19	-0.88	-22.57	-15.66	-1.61	-14.71	-8.10	-14.13	5.76	3.17	5.67
20	-5.88	-23.65	-10.02	-0.61	-18.15	-7.88	-13.91	11.76	2.77	11.80
21	-6.28	-22.35	-7.92	-0.21	-20.90	-6.19	-13.07	13.42	1.77	17.36
22	-5.67	-15.42	-4.06	-1.01	-22.31	-4.20	-11.07	13.48	-0.23	17.82
23	-6.68	-5.98	-0.07	-1.62	-22.70	-5.02	-8.09	12.44	-6.25	17.42
24	-1.98	-0.03	0.23	-2.12	-21.64	-8.27	-4.41	1.80	-6.33	12.86
25	-1.29	12.12	1.53	-2.82	-15.69	-12.85	4.46	-5.53	-8.23	5.88
26	0.01	16.97	3.74	-4.02	-8.98	-14.22	5.79	-11.83	-7.72	-0.28
27	1.11	20.15	6.94	-4.62	-4.13	-14.15	11.91	-16.44	-6.53	-7.34
28	-1.49	21.24	7.93	-5.42	3.65	-6.13	13.77	-20.73	-6.04	-12.11
29	-6.32	13.29	8.21	-5.71	10.05	3.60	14.50	-23.12	-6.65	-16.52
30	-9.55	6.20	7.98	-4.52	20.18	5.83	13.27	-23.18	-8.85	-22.41
31	-11.52	-1.94	3.90	-3.12	26.14	10.67	11.18	-22.08	-8.25	-26.59
32	-12.49	-9.99	-0.12	-0.12	27.93	13.80	8.73	-19.08	-8.95	-30.59
33	-12.36	-17.07	-7.90	1.68	27.20	14.12	1.84	-6.18	-9.32	-33.22
34	-11.44	-20.74	-9.72	1.88	22.01	14.91	-2.76	7.76	-8.24	-34.01
35	-9.37	-21.48	-11.65	2.17	10.69	15.85	-5.17	12.55	-8.20	-32.75
36	-7.89	-19.05	-13.91	2.47	1.13	14.25	-6.76	14.15	-5.32	-24.25
37	-7.54	-17.29	-14.52	1.97	-8.13	13.67	-6.97	15.29	-1.05	-0.59
38	-3.19	-7.73	-15.36	-1.03	-2.48	13.35	7.67	14.84	3.26	11.85
39	1.90	7.90	-14.93	-8.68	-16.58	12.58	-8.88	7.68	7.75	19.98
40	3.41	18.64	-13.89	-12.02	-27.90	12.58	-10.12	1.21	15.21	24.02
41	7.63	26.86	-13.94	-14.83	-21.11	10.80	13.05	-8.29	16.32	23.86
42	10.00	23.18	-15.13	-16.75	-11.84	-0.12	18.34	-14.17	11.54	21.85
43	9.99	5.03	-16.03	-16.67	-4.15	-9.82	-22.07	-20.33	11.46	19.28
44	9.43	0.05	-16.67	-10.91	1.82	-14.87	-24.03	-24.84	8.74	15.02
45	6.05	-8.01	-15.98	-6.31	2.12	-20.01	-24.28	-25.64	-8.34	5.87
46	0.10	-13.15	-14.87	-3.73	2.12	-22.33	-17.50	-24.65	-11.37	1.60
47	-8.00	-21.21	-2.09	-2.54	2.12	-23.91	-7.98	-20.23	-11.03	-5.22
48	-14.94	-25.19	5.97	-2.04	1.82	-22.37	5.19	-13.03	-19.96	-8.58
49	-22.04	-28.70	13.88	-2.44	1.52	-15.68	14.96	-8.12	-19.90	-13.44
50	-26.73	-27.79	18.03	-2.84	1.62	-7.76	20.05	-8.12	-17.58	-14.37

RECORD=S-296  
 DATE AND TIME=1968.09.16.09.49  
 COMPONENT=EE-W  
 SIGNAL=GR.ACC.  
 CORRECTION=ZERO.ARC  
 FORMAT NO.=301  
 STATION=MIYAKO-S  
 TOTAL NUMBER OF DATA=11400

NO.	( 9500)	( 9550)	( 9600)	( 9650)	( 9700)	( 9750)	( 9800)	( 9850)	( 9900)	( 9950)
1	-15.55	1.35	10.86	-2.13	-1.28	-8.50	-2.66	5.29	-4.26	14.08
2	-12.18	1.55	12.53	-0.93	-5.19	-6.28	-1.16	4.39	-6.57	8.78
3	-11.56	2.85	7.46	-0.50	-7.49	-1.82	-0.67	3.29	-8.66	1.50
4	-10.07	3.65	3.19	0.86	-8.52	1.38	0.03	3.29	-10.47	-4.73
5	-4.19	2.65	-4.41	1.46	-10.82	5.39	0.73	3.29	-11.24	-10.82
6	-0.41	1.95	-8.55	3.47	-12.28	7.38	2.13	3.29	-14.28	-19.71
7	0.89	1.25	-13.50	6.77	-12.37	8.05	2.63	3.29	-12.52	-25.77
8	1.89	-1.75	-21.17	7.85	-12.06	6.45	3.33	3.29	-8.54	-28.60
9	2.29	-3.36	-21.09	6.54	-11.46	3.86	5.33	3.28	-1.36	-27.95
10	1.69	-2.97	-13.33	4.03	-10.68	1.47	6.03	3.08	5.28	-23.50
11	0.69	-1.17	-8.85	0.56	-10.68	1.47	6.03	2.78	11.32	-14.35
12	-9.32	-9.38	-9.38	-12.28	-10.57	-8.59	6.01	2.38	14.34	-6.71
13	-5.12	-10.55	2.90	-16.65	-9.47	-12.08	4.42	-1.42	14.17	3.21
14	-6.73	-10.25	6.31	-21.66	-8.47	-13.72	2.42	-8.68	10.14	11.10
15	-8.33	-9.92	7.80	-22.71	-0.59	-15.82	-0.58	-12.59	1.33	15.20
16	-9.43	-8.28	7.67	-21.83	1.41	-15.47	-3.59	-14.54	-5.71	15.39
17	-10.12	-2.75	5.69	-16.00	2.81	-12.45	-8.67	-14.91	-12.48	15.14
18	-10.13	3.64	4.16	-8.90	3.81	-8.91	-14.65	-12.54	-16.08	12.26
19	-10.51	2.64	-4.01	1.46	4.11	-8.48	-17.71	-9.99	-21.69	11.18
20	-10.21	5.95	0.63	11.68	3.90	-4.63	-18.07	-8.59	-24.57	7.24
21	-9.70	6.92	-8.76	19.55	1.50	-2.24	-17.56	-6.59	-24.06	3.28
22	-8.81	3.32	-14.14	22.90	-0.50	0.06	-13.50	-3.32	-19.97	0.69
23	-8.15	3.52	-15.08	22.07	-4.61	0.06	-8.44	-0.75	-14.40	-2.73
24	-6.12	-1.07	-12.27	17.64	-8.30	0.06	-1.08	0.87	-8.60	-9.50
25	0.08	-6.99	-10.97	13.17	-8.50	3.72	1.27	1.27	-3.95	-13.80
26	3.09	-8.91	-9.38	8.41	-8.90	-2.54	7.14	1.27	3.24	-18.30
27	8.20	-11.59	-7.67	-0.20	-8.87	-2.64	9.35	3.27	9.06	-20.73
28	9.66	-12.22	-4.49	-10.10	-7.28	-2.24	11.11	3.87	11.53	-21.70
29	9.14	-10.52	0.29	-16.54	-5.78	-0.84	11.10	4.67	15.32	-20.62
30	7.55	-0.47	2.29	-19.70	-3.00	0.95	10.59	5.27	17.22	-20.28
31	5.46	3.56	4.79	-22.78	-2.90	1.95	9.55	5.27	17.17	-16.06
32	3.45	14.40	5.49	-26.20	-2.60	2.75	6.60	5.26	16.14	-4.99
33	-4.24	18.14	5.87	-26.46	-2.01	4.15	5.40	3.76	12.98	0.38
34	-0.87	19.57	4.77	-25.75	-2.61	4.95	3.60	2.76	9.20	0.88
35	-10.38	18.56	-2.08	-20.99	-2.61	5.25	1.41	0.86	2.60	2.48
36	-12.27	13.68	4.02	-16.18	-2.61	4.64	-0.60	-1.24	-9.11	3.28
37	-13.55	5.41	-4.64	-11.68	-3.24	3.24	-3.61	-4.66	-10.63	3.88
38	-13.30	2.80	-8.03	-8.52	-2.11	0.85	-10.36	-9.39	-12.48	4.58
39	-12.91	-7.96	-8.42	1.23	-1.21	-1.56	-13.01	-11.81	-15.53	5.19
40	-12.32	-13.87	-4.03	5.05	-0.01	-8.56	-16.14	-14.06	-20.08	7.99
41	-11.78	-18.44	-6.71	11.78	-1.01	-8.62	-16.67	-14.46	-21.09	9.17
42	-9.77	-20.65	-4.71	7.29	-0.01	-12.55	-14.41	-12.58	-20.60	9.14
43	-6.41	-22.40	6.72	-1.01	-15.20	-15.94	-10.36	-10.60	-15.33	7.34
44	-2.74	-23.40	3.53	-2.02	-15.94	-8.54	-8.54	-8.65	-8.56	4.65
45	-26.28	-0.56	-0.27	-3.12	-3.12	-4.68	-4.68	-8.62	-0.79	1.26
46	-0.34	-20.80	-0.63	-0.87	-11.89	1.10	-6.75	-6.75	7.05	-2.74
47	-12.17	-2.03	-0.57	-0.57	-6.62	-9.54	5.30	-4.75	11.38	-8.79
48	-0.34	-8.41	-0.83	-0.83	-8.24	-1.55	17.34	-1.55	17.34	-12.11
49	0.06	2.93	-2.83	1.42	-8.12	-6.84	5.49	-1.25	-14.51	13.20
50	0.95	12.85	-2.83	1.42	-8.32	-4.65	5.59	-2.65	-18.74	-16.15

RECORD=S-236 COMPONENT=E-H SIGNAL=GR.ACC. CURSECTION=ZERO.ARC STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11400

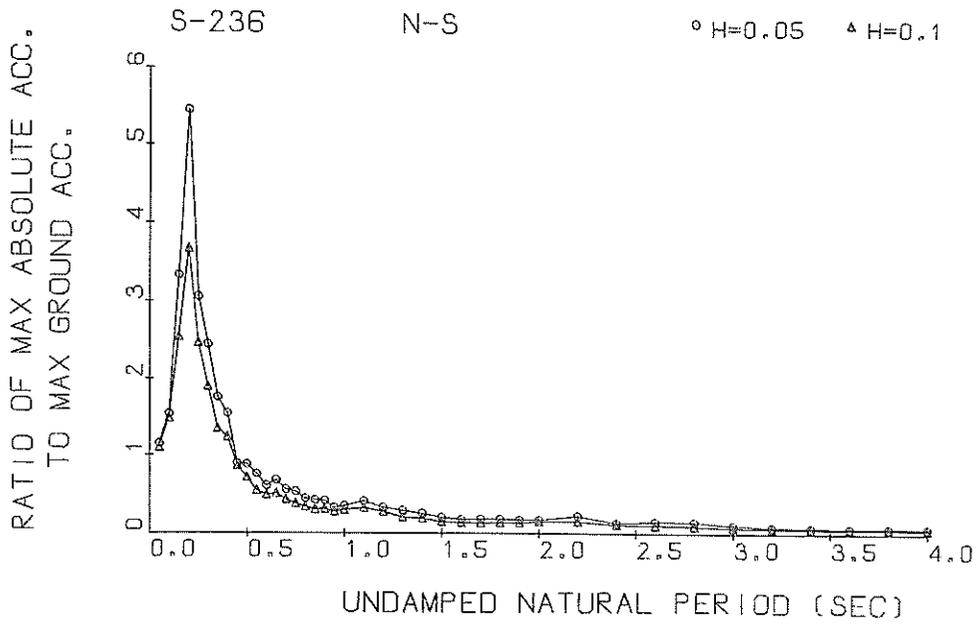
NO.	(10000)	(10050)	(10100)	(10150)	(10200)	(10250)	(10300)	(10350)	(10400)	(10450)
1	-10.19	3.92	3.27	14.99	-3.01	-14.95	-8.92	-4.67	0.91	-7.90
2	-13.54	4.51	3.27	12.03	0.99	-16.85	-4.29	-9.41	0.81	-5.22
3	-8.68	3.31	2.57	8.95	4.69	-16.88	-0.50	-12.57	0.61	-3.23
4	-5.02	3.01	0.17	4.30	4.99	-11.90	0.70	-18.15	0.81	-3.22
5	-0.84	1.21	-4.84	-2.88	6.97	-9.90	2.70	-13.07	1.01	2.06
6	3.16	-0.39	-7.04	-8.94	5.47	-7.02	4.91	-11.00	1.41	2.77
7	3.96	-0.99	-8.23	-12.87	3.08	-3.26	8.59	-9.01	1.91	6.78
8	5.15	-1.79	-8.21	-15.20	1.08	-1.06	8.59	-6.72	1.91	8.56
9	5.15	-2.19	-8.91	-11.73	-0.92	2.54	8.59	-3.54	1.90	8.24
10	4.64	-1.29	-5.13	-6.90	-3.02	4.34	8.59	-0.95	1.90	6.94
11	2.65	-0.89	-2.13	1.02	-3.93	6.37	8.59	-0.95	1.10	5.15
12	1.45	-0.89	-2.93	5.44	-5.02	10.59	8.68	2.45	0.80	2.86
13	1.15	-0.99	-0.94	9.02	-5.02	12.93	7.95	5.58	0.10	1.26
14	1.15	-1.59	1.06	9.02	-5.02	12.93	5.17	10.29	-3.20	-1.14
15	1.15	-2.80	4.77	8.97	-3.62	12.86	2.98	12.44	-5.50	-4.15
16	1.15	-3.40	7.26	6.28	-3.22	10.98	0.99	12.41	-5.90	-5.16
17	1.35	-4.80	7.24	2.51	-2.23	8.99	-1.92	11.28	-5.89	-7.15
18	1.35	-5.00	7.14	-0.58	-1.33	7.01	-4.63	8.87	-4.39	-7.34
19	1.35	-5.00	1.16	-2.89	-0.63	5.82	-7.22	4.92	-1.20	-6.94
20	1.34	-5.00	0.16	-3.89	0.77	4.92	-7.82	0.94	2.20	-6.84
21	1.14	-4.90	-2.65	-4.29	0.97	3.22	-7.79	4.08	3.60	-5.25
22	1.44	-4.90	-1.88	-4.29	1.37	2.12	-5.28	-9.09	6.79	-4.44
23	1.64	-4.50	-10.77	-4.29	2.97	1.02	0.68	-10.78	6.89	-1.45
24	1.54	-4.40	-11.85	-4.69	3.57	-0.98	3.69	-11.26	6.68	0.75
25	1.24	-3.80	-11.76	-5.50	3.06	-5.61	7.72	-11.21	5.28	2.35
26	-0.76	-3.30	-8.69	-6.91	3.06	-9.74	11.07	-8.97	3.88	2.75
27	-2.86	-2.91	0.85	-8.90	2.06	-12.76	10.93	-3.35	1.39	3.25
28	-4.36	-2.91	7.92	-9.42	0.66	-14.88	8.94	-2.33	-0.61	3.24
29	-4.86	-2.91	12.95	-10.60	-0.64	-14.75	6.93	4.85	-3.52	3.24
30	-4.86	-2.91	15.78	-10.98	-0.24	-11.89	2.97	8.24	-4.61	2.94
31	-3.46	-2.91	10.28	-10.18	0.96	-8.77	0.97	8.83	-3.41	2.74
32	-2.46	-2.91	14.96	-9.16	2.66	-2.28	-1.83	8.81	-3.41	2.34
33	-0.87	-2.91	10.96	1.00	3.26	2.92	-5.05	8.01	-1.72	0.94
34	0.55	-0.91	4.12	7.07	2.95	4.92	-9.07	6.81	-1.22	0.84
35	1.13	1.09	-2.87	13.07	1.06	6.95	-11.57	5.51	-1.22	-1.96
36	1.13	3.10	-10.71	15.06	-0.54	10.92	-12.84	2.92	-1.22	-4.95
37	1.13	7.80	-17.12	16.29	-4.96	11.21	-12.93	0.72	-1.02	-3.26
38	1.13	9.07	-22.80	15.90	-6.95	11.15	-12.83	-3.69	0.18	0.14
39	0.63	3.24	-24.80	12.69	-6.93	8.95	-9.93	-9.11	0.38	0.73
40	0.25	5.56	-24.90	6.96	-5.55	5.58	-5.52	-10.99	0.78	3.14
41	-3.18	2.18	-23.06	1.09	-3.24	1.41	-2.33	-11.48	1.38	4.35
42	-4.58	-2.83	-16.40	-3.92	0.95	-2.00	2.26	-11.41	4.08	3.33
43	-4.58	-8.85	-9.77	-9.65	3.75	-7.03	3.67	-8.91	4.07	1.23
44	-4.57	-10.80	-6.15	-12.05	4.95	-10.55	6.88	0.82	3.87	-1.17
45	-4.27	-13.84	1.04	-13.56	4.95	-12.72	8.76	1.62	2.67	-6.10
46	-3.07	-11.73	7.08	-14.79	2.95	-13.50	8.76	3.42	0.27	-9.18
47	-0.88	-11.87	11.12	-14.10	-3.46	-15.20	8.73	4.31	-1.13	-9.51
48	-0.08	-3.31	14.36	-10.86	-6.98	-13.40	6.83	4.31	-4.74	-11.47
49	1.12	1.28	15.09	-9.01	-9.72	-10.85	4.14	3.91	-7.14	-11.46
50	2.72	3.07	16.08	-8.81	-12.93	-9.10	-0.04	2.71	-7.93	-10.95

RECORD=S=236 COMPONENT=E=H SIGNAL=GR.ACC. CURSECTION=ZERO.ARG STATION=HIYAKO-S  
DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL=0.010(SEC) PFORMAT NO.#501 TOTAL NUMBER OF DATA=11400

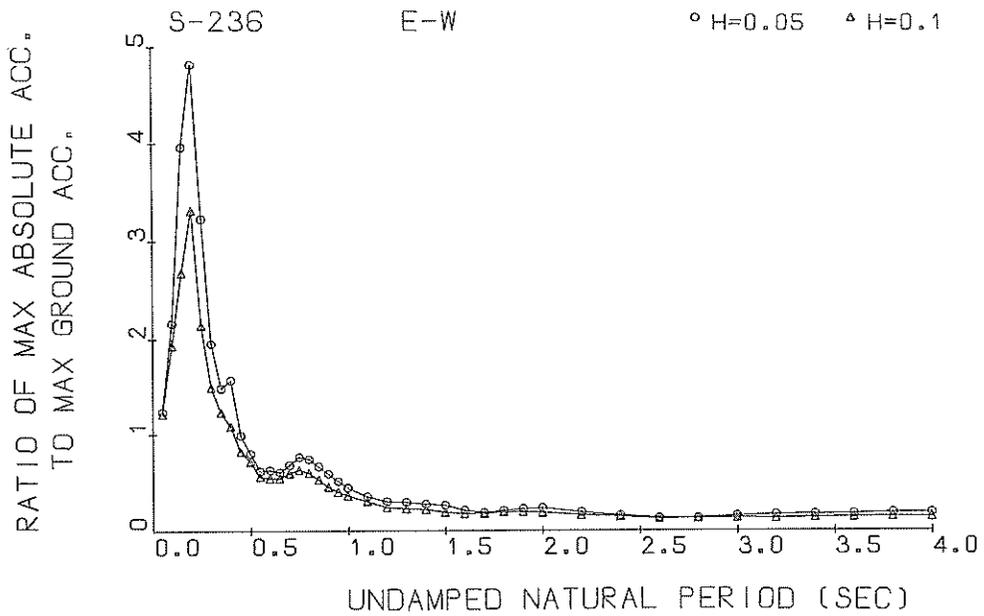
NO.	(10500)	(10550)	(10600)	(10650)	(10700)	(10750)	(10800)	(10850)	(10900)	(10950)
1	-4.13	11.32	25.24	6.33	11.05	0.81	3.65	6.42	2.27	-4.48
2	-6.43	0.68	26.77	-10.03	11.01	-1.60	-7.84	6.51	1.87	-7.79
3	-1.28	2.58	25.07	10.03	9.57	-4.01	-7.63	4.91	1.87	-9.57
4	0.72	5.79	-20.19	-11.01	5.82	-8.02	-7.08	3.71	-0.33	-9.57
5	0.72	7.78	-20.19	-10.98	2.84	-9.40	-1.54	2.51	-2.53	-9.55
6	2.42	7.76	4.69	9.75	2.14	-9.40	2.46	2.21	-5.85	-8.40
7	2.72	6.67	17.00	8.86	0.84	-9.56	3.86	0.61	-8.13	-8.66
8	5.02	6.57	26.16	1.41	-1.66	-7.45	4.46	-0.29	-8.12	2.33
9	2.82	5.77	30.10	4.61	-5.37	-3.49	4.45	-1.09	-7.60	4.34
10	1.82	4.67	27.89	9.07	-7.36	1.00	4.25	-1.49	-4.81	9.16
11	0.82	3.27	22.72	14.00	-7.66	4.21	3.75	-1.49	0.37	11.42
12	-0.19	1.87	14.57	16.70	-7.66	6.53	3.15	-1.29	2.57	11.67
13	-2.19	0.97	6.63	18.58	-7.65	10.52	3.15	-0.39	4.17	9.40
14	-6.19	-0.03	-6.29	18.52	-7.15	11.69	3.15	0.21	5.06	8.19
15	-6.19	-6.23	-10.44	17.48	-6.16	11.69	2.55	0.41	5.05	6.20
16	-2.88	-3.84	-17.56	14.42	-5.45	11.62	2.35	0.11	3.66	4.21
17	-0.49	-5.23	23.03	10.71	-2.86	9.02	0.55	-0.10	1.46	2.01
18	1.11	-5.33	26.48	4.06	-0.17	4.67	-1.45	-0.20	0.26	-9.39
19	2.71	-5.32	13.00	-1.33	0.33	0.59	-2.96	-0.30	-1.94	-9.58
20	6.73	-2.73	18.63	-9.39	1.53	-2.51	-5.16	-0.30	-2.54	-9.59
21	8.81	0.06	-10.55	-13.08	4.54	-5.93	-6.84	-0.20	-1.84	-9.59
22	6.78	1.46	-2.63	-17.60	6.57	-8.46	-6.84	0.30	0.36	-9.59
23	8.18	3.47	5.13	-22.86	10.56	-11.67	-5.15	0.40	2.36	-9.56
24	2.80	8.52	6.49	-22.66	11.63	-13.36	-3.06	1.80	3.55	-6.45
25	-1.00	12.53	15.53	-20.25	11.63	-14.42	-2.06	2.40	3.55	-1.69
26	-5.41	14.45	16.53	-9.15	11.60	-14.29	-2.06	2.39	2.85	0.91
27	-7.61	14.29	18.41	0.57	10.57	-11.26	-1.96	0.90	2.35	2.11
28	-8.81	12.69	17.89	7.64	8.99	-5.45	-1.56	-0.11	2.25	5.54
29	-9.19	10.71	12.01	13.00	5.80	4.52	-1.16	-1.61	1.55	10.15
30	-8.41	8.63	8.60	13.87	1.82	12.04	-0.06	-3.91	1.55	11.09
31	-2.30	0.75	1.71	13.78	-0.38	17.49	0.44	-3.91	1.55	10.60
32	2.70	-7.61	-5.36	13.78	-3.68	20.40	2.24	-3.61	1.55	10.12
33	3.50	-13.44	-11.28	11.52	-5.48	19.84	4.13	-2.31	0.45	6.57
34	6.30	-20.94	14.77	6.53	-5.48	16.29	4.33	-2.31	-5.58	3.00
35	6.60	-22.75	-18.48	2.66	-4.97	11.27	3.73	-3.01	-9.59	0.40
36	6.69	-22.37	17.99	0.66	-3.68	0.37	2.53	-3.21	-11.16	-4.11
37	6.49	-17.33	13.63	-1.64	-2.88	-4.45	0.73	-3.21	-11.37	-7.44
38	6.19	5.79	-7.32	-3.96	-2.28	-9.59	-1.47	-3.21	-8.36	-10.62
39	5.93	12.25	-3.60	-9.37	-1.68	-12.76	-4.89	-2.41	-1.66	-11.20
40	5.19	19.04	4.63	-11.17	0.52	-13.63	-7.68	-0.92	2.35	-10.97
41	4.69	26.64	10.65	-12.05	2.22	-13.54	-7.97	1.79	6.41	-9.57
42	3.98	29.91	12.60	-12.64	4.82	-11.30	-7.97	4.78	14.23	-7.62
43	0.79	28.68	12.54	-12.28	6.84	-6.84	-7.75	4.78	16.35	-1.51
44	-3.22	22.73	10.89	-10.32	9.26	2.27	-5.55	4.78	16.64	0.09
45	-6.03	14.47	10.65	-9.20	11.72	7.88	-1.57	4.77	16.53	0.29
46	-7.91	8.63	8.63	-1.64	12.00	9.16	1.72	3.78	14.71	0.29
47	-7.82	0.54	4.59	2.96	11.56	8.22	2.42	3.08	12.11	1.44
48	-7.91	-8.36	3.69	6.59	9.95	5.76	3.02	2.58	8.15	2.59
49	-7.20	-15.48	1.69	10.56	7.07	4.43	4.43	2.48	2.35	4.80
50	-5.29	-21.73	-3.51	11.05	3.70	-0.44	6.22	2.48	-1.57	6.02

RECORDS=266 COMPONENT=E-W SIGNAL=GR.ACC. CURRECTION=ZERO.ARC STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 SAMPLING INTERVAL=0.0401SEC) FORMAT NO.=001 TOTAL NUMBER OF DATA=11400

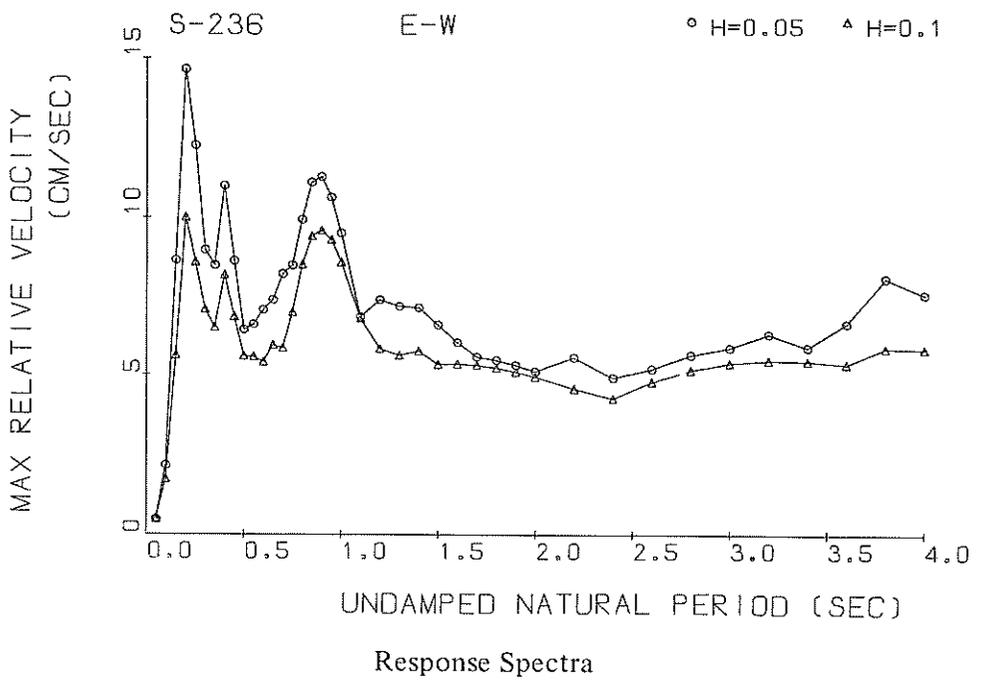
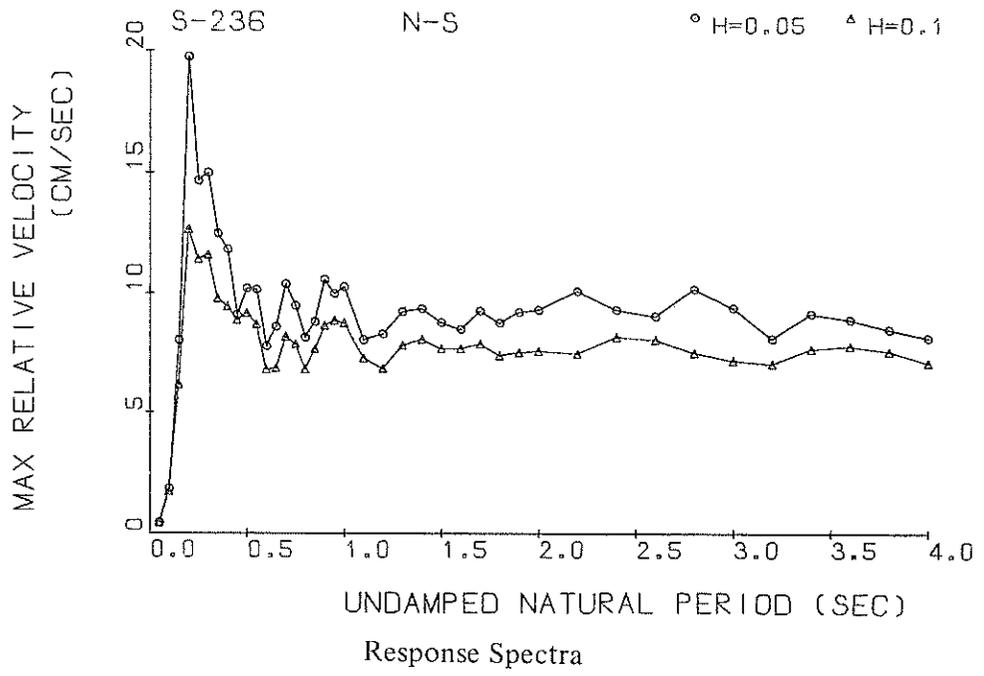
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1	9.82	12.09	14.01	-4.24	-11.15	0.17	1.13	4.28	0.	0.
2	11.43	10.21	14.20	-4.04	-9.61	-0.45	2.83	4.78	0.	0.
3	11.36	4.62	14.12	-3.84	-1.09	-1.73	4.13	5.38	0.	0.
4	10.34	-0.46	12.33	-1.85	3.92	-1.93	6.24	4.73	0.	0.
5	8.32	-5.89	10.21	0.15	7.74	-1.93	8.12	4.07	0.	0.
6	4.26	-9.70	6.28	2.65	10.11	0.05	8.00	3.27	0.	0.
7	-0.62	-11.60	4.08	4.15	9.97	2.87	6.60	1.97	0.	0.
8	-0.83	-13.05	1.29	4.15	6.17	5.48	3.51	0.58	0.	0.
9	-6.22	-12.60	0.29	4.45	5.58	8.09	1.12	0.13	0.	0.
10	-6.63	-10.55	-1.61	4.65	2.20	10.06	0.58	-2.03	0.	0.
11	-7.42	-5.93	-1.81	4.45	0.80	10.16	-4.29	-2.73	0.	0.
12	-7.36	-1.76	-1.21	4.15	-4.81	9.70	-5.48	-3.53	0.	0.
13	-5.70	3.04	-0.51	4.14	-6.81	7.13	-4.28	-2.52	0.	0.
14	-1.72	4.24	0.19	3.94	-8.00	4.15	3.28	1.67	0.	0.
15	0.07	6.23	0.49	3.24	-7.88	2.55	-1.09	2.47	0.	0.
16	4.28	6.25	0.49	2.24	-6.07	0.51	3.67	3.67	0.	0.
17	4.28	8.72	0.19	0.24	-1.90	-1.85	3.21	3.77	0.	0.
18	6.29	6.10	0.08	0.24	2.10	-3.45	4.01	3.26	0.	0.
19	8.67	6.12	-0.72	0.94	4.71	-3.45	4.61	2.06	0.	0.
20	8.76	4.62	-2.32	2.14	7.22	-2.85	5.31	1.26	0.	0.
21	7.82	2.12	-4.72	4.14	9.40	-2.15	5.91	0.06	0.	0.
22	4.35	0.72	-4.00	4.65	9.88	-1.95	6.01	1.96	0.	0.
23	0.37	-0.68	0.18	6.45	9.25	-1.95	6.01	3.36	0.	0.
24	-3.64	-3.28	0.59	7.62	7.17	-1.75	6.00	3.96	0.	0.
25	-7.84	-4.28	6.20	6.42	5.17	-1.15	5.40	3.96	0.	0.
26	-8.65	-4.68	8.20	5.21	2.09	-0.55	4.20	3.96	0.	0.
27	-9.44	-5.28	9.58	1.73	1.19	-0.15	3.70	4.66	0.	0.
28	-9.56	-5.48	9.67	-3.28	-0.61	0.05	3.10	5.66	0.	0.
29	-5.71	-4.98	9.24	-8.21	-3.82	0.94	1.40	5.76	0.	0.
30	-1.74	-3.98	7.22	-11.01	-4.81	0.64	-0.30	5.96	0.	0.
31	2.26	-2.98	4.27	-12.68	-5.10	1.44	-0.30	6.15	0.	0.
32	4.07	-1.78	0.27	-12.65	-3.61	1.84	-0.40	5.84	0.	0.
33	6.07	0.92	-0.73	-9.04	-1.42	3.44	-0.00	4.25	0.	0.
34	8.06	2.02	-3.93	-1.87	-1.62	4.04	0.50	2.65	0.	0.
35	8.25	3.02	-4.54	0.23	-0.52	5.25	1.60	0.45	0.	0.
36	7.44	8.03	-2.73	1.53	0.08	6.05	2.30	-0.95	0.	0.
37	2.93	8.90	-0.23	2.13	0.88	8.06	3.39	-4.95	0.	0.
38	2.13	8.28	-2.83	7.75	1.88	9.55	3.99	-4.45	0.	0.
39	1.35	6.19	-2.42	10.13	2.68	10.04	4.09	-3.94	0.	0.
40	0.55	3.50	-3.03	10.64	3.48	10.04	4.69	-1.35	0.	0.
41	0.25	-1.49	0.16	11.30	4.08	10.18	4.28	1.75	0.	0.
42	0.15	-4.31	2.97	10.57	5.28	7.99	2.29	3.95	0.	0.
43	-1.25	-7.52	5.58	8.24	6.08	5.21	1.29	4.75	0.	0.
44	-7.75	-9.70	6.19	3.21	6.57	1.93	0.09	5.24	0.	0.
45	-7.31	-10.18	10.15	0.22	6.06	-0.47	1.19	4.04	0.	0.
46	-3.94	-9.31	9.61	-1.79	4.57	-2.47	1.39	2.04	0.	0.
47	0.05	-4.77	7.20	-6.41	3.97	-3.37	1.99	0.04	0.	0.
48	4.23	0.90	1.66	-9.79	3.17	-2.7	2.59	-1.56	0.	0.
49	12.25	10.25	-0.54	-10.12	1.57	-1.97	3.58	-2.06	0.	0.
50	12.24	12.26	-2.75	-11.48	1.57	-0.47	3.98	-2.66	0.	0.

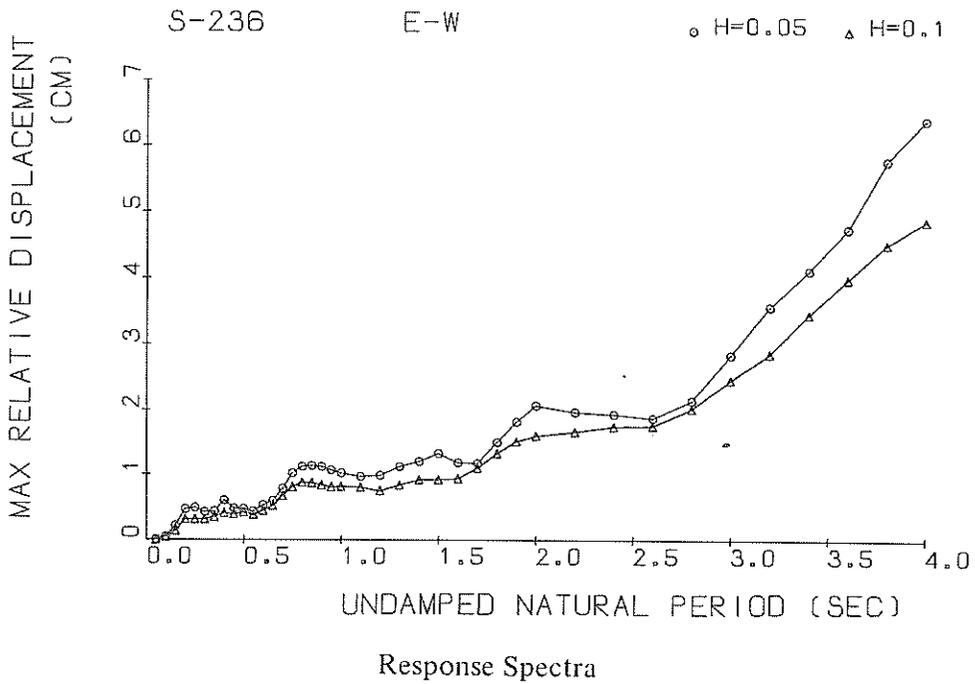
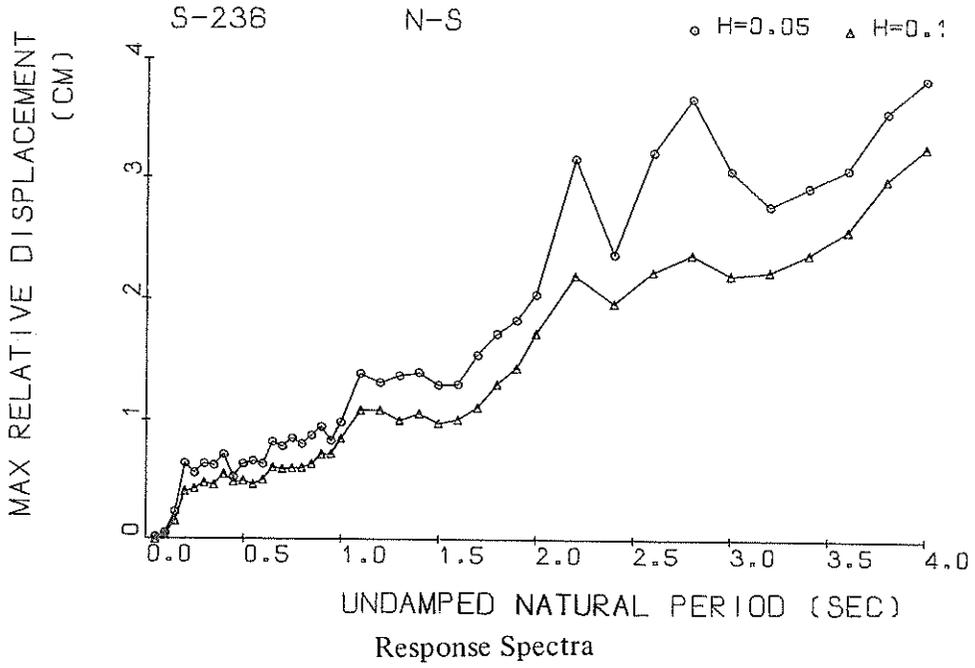


Response Spectra



Response Spectra





RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

RECORD = S-266      N-S      1968.05.16.09.49    1968-TOKACHIOKI  
 STATION = MIYAKO-S      INPUT SIGNAL = GR,ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ARC,ERR,  
 TIME LENGTH = 35.000(SEC)      SKIPPED LENGTH = 8.000(SEC)  
 DAMPING COEFFICIENT = 0.050      MAX.GROUND ACC.= 112.27(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.156	129.73	42.39	0.440	0.0082
0.100	1.240	172.85	110.80	1.841	0.0436
0.150	3.036	374.57	331.99	8.048	0.2156
0.200	5.452	612.07	621.89	19.746	0.6235
0.250	3.061	343.65	406.62	14.674	0.5440
0.300	2.451	275.20	349.60	14.987	0.6223
0.350	1.763	197.95	290.19	12.477	0.6098
0.400	1.257	174.78	254.37	11.824	0.7027
0.450	0.897	100.76	178.25	9.081	0.5127
0.500	0.886	99.42	177.81	10.195	0.6246
0.550	0.761	85.48	187.57	10.146	0.6500
0.600	0.615	69.02	151.31	7.752	0.6262
0.650	0.086	76.97	171.40	8.568	0.8167
0.700	0.263	63.16	166.61	10.355	0.7773
0.750	0.239	60.48	167.97	9.433	0.8499
0.800	0.449	50.39	161.75	8.114	0.8028
0.850	0.430	48.31	147.99	8.785	0.8777
0.900	0.418	46.96	129.11	10.557	0.9520
0.950	0.329	36.94	134.73	9.953	0.8343
1.000	0.352	39.56	140.00	10.240	0.9936
1.100	0.413	46.35	150.98	8.024	1.3998
1.200	0.330	37.07	146.45	8.265	1.3260
1.300	0.292	32.75	134.19	9.203	1.3838
1.400	0.256	28.69	122.85	9.338	1.4100
1.500	0.206	23.16	113.14	8.759	1.3077
1.600	0.184	20.70	109.02	8.464	1.3142
1.700	0.191	21.45	113.23	9.225	1.5592
1.800	0.193	21.64	122.50	8.714	1.7349
1.900	0.183	20.55	126.37	9.164	1.8433
2.000	0.184	20.69	124.85	9.265	2.0569
2.200	0.235	26.34	120.08	10.044	3.1829
2.400	0.147	16.56	121.09	9.261	2.3898
2.600	0.170	19.13	118.72	8.993	3.2404
2.800	0.166	18.65	114.44	10.147	3.6946
3.000	0.122	13.65	113.28	9.364	3.0918
3.200	0.099	11.08	113.20	8.065	2.8030
3.400	0.092	10.29	114.84	9.102	2.9608
3.600	0.083	9.86	112.30	8.859	3.1149
3.800	0.089	9.96	110.58	8.433	3.5923
4.000	0.087	9.79	114.81	8.793	3.8752

RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

RECORD = S-236 N-S 1968.05.16.09.49 1968-TOKACHIOKI  
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC,ERR,  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 8.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 112.27(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.117	125.37	31.50	0.659	0.0079
0.100	1.497	168.10	94.26	1.677	0.0423
0.150	2.560	287.40	237.70	6.089	0.1620
0.200	3.685	413.69	401.01	12.618	0.4074
0.250	2.485	278.99	326.02	11.677	0.4312
0.300	1.915	215.00	279.46	11.563	0.4789
0.350	1.668	153.56	240.08	9.736	0.4638
0.400	1.259	141.30	217.46	9.407	0.5551
0.450	0.886	99.49	179.07	8.829	0.4912
0.500	0.731	82.06	160.93	9.130	0.5005
0.550	0.566	63.58	159.91	8.672	0.4688
0.600	0.505	56.65	146.85	6.757	0.5049
0.650	0.525	58.93	149.29	6.836	0.6084
0.700	0.445	49.92	148.70	8.176	0.5935
0.750	0.397	44.58	149.12	7.869	0.5994
0.800	0.355	39.91	148.39	6.794	0.6030
0.850	0.320	35.91	140.25	7.640	0.6330
0.900	0.327	36.67	129.65	8.638	0.7176
0.950	0.297	33.29	129.01	8.859	0.7211
1.000	0.313	35.12	134.42	8.770	0.8539
1.100	0.337	37.85	140.47	7.270	1.0947
1.200	0.289	32.47	136.87	6.827	1.0942
1.300	0.222	24.94	130.31	7.809	1.0086
1.400	0.205	23.04	122.35	8.063	1.0660
1.500	0.162	18.17	114.99	7.651	0.9852
1.600	0.152	17.06	109.00	7.648	1.0180
1.700	0.146	16.44	112.94	7.846	1.1178
1.800	0.154	17.29	116.99	7.347	1.3094
1.900	0.153	17.23	119.19	7.472	1.4492
2.000	0.165	18.57	118.69	7.541	1.7323
2.200	0.168	18.91	114.71	7.427	2.2063
2.400	0.131	14.72	116.75	8.148	1.9794
2.600	0.122	13.69	115.65	8.019	2.2376
2.800	0.111	12.41	112.66	7.470	2.3823
3.000	0.092	10.28	112.68	7.168	2.2144
3.200	0.083	9.27	116.36	6.987	2.2460
3.400	0.077	8.64	112.70	7.616	2.3921
3.600	0.078	8.79	111.16	7.730	2.5898
3.800	0.078	8.76	112.05	7.488	3.0139
4.000	0.077	8.64	113.10	7.031	3.2876

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-256      E-W      1968.05.16.09.49      1968-TOKACHIKI  
 STATION = MIYAKO-S      INPUT SIGNAL = GR,ACC,  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ZERO,ARC  
 TIME LENGTH = 35.000(SEC)      SKIPPED LENGTH = 8.000(SEC)  
 DAMPING COEFFICIENT = 0.050      MAX.GROUND ACC.= 96.71(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.231	119.01	48.15	0.477	0.0075
0.100	2.156	208.49	119.09	2.152	0.0529
0.150	5.958	382.81	338.12	8.645	0.2188
0.200	4.812	465.34	476.05	14.649	0.4705
0.250	5.218	311.22	625.80	12.262	0.4915
0.300	1.943	187.88	204.55	8.960	0.4284
0.350	1.474	142.57	186.75	8.489	0.4412
0.400	1.558	150.70	197.78	11.006	0.6069
0.450	0.979	94.67	158.94	8.634	0.4826
0.500	0.791	76.49	161.19	6.446	0.4798
0.550	0.604	58.44	125.90	6.620	0.4428
0.600	0.615	59.28	117.90	7.083	0.5380
0.650	0.589	56.92	122.32	7.411	0.6028
0.700	0.664	64.19	137.42	8.222	0.7900
0.750	0.748	72.35	122.99	8.488	1.0225
0.800	0.724	70.03	135.10	9.932	1.1282
0.850	0.647	62.57	124.90	11.119	1.1396
0.900	0.571	55.26	107.12	11.288	1.1289
0.950	0.492	47.54	104.67	10.648	1.0797
1.000	0.424	40.97	118.59	9.512	1.0300
1.100	0.633	32.24	111.78	6.859	0.9765
1.200	0.284	27.46	112.66	7.399	0.9919
1.300	0.275	26.61	110.90	7.190	1.1267
1.400	0.255	24.63	103.87	7.139	1.2122
1.500	0.244	23.63	101.41	6.589	1.6318
1.600	0.191	18.51	104.17	6.015	1.1882
1.700	0.168	16.21	106.49	5.556	1.1775
1.800	0.191	18.43	100.59	5.446	1.5080
1.900	0.208	20.11	98.62	5.283	1.8239
2.000	0.216	20.89	98.92	5.089	2.0796
2.200	0.170	16.41	102.48	5.523	1.9810
2.400	0.139	13.40	102.90	4.885	1.9467
2.600	0.116	11.22	100.21	5.163	1.8855
2.800	0.114	11.03	98.08	5.601	2.1566
3.000	0.132	12.73	98.14	5.833	2.8544
3.200	0.145	13.99	99.86	6.276	3.5879
3.400	0.148	14.31	102.04	5.854	4.1336
3.600	0.152	14.69	103.80	6.630	4.7582
3.800	0.165	16.00	104.74	8.064	5.7873
4.000	0.166	16.06	104.85	7.561	6.4149

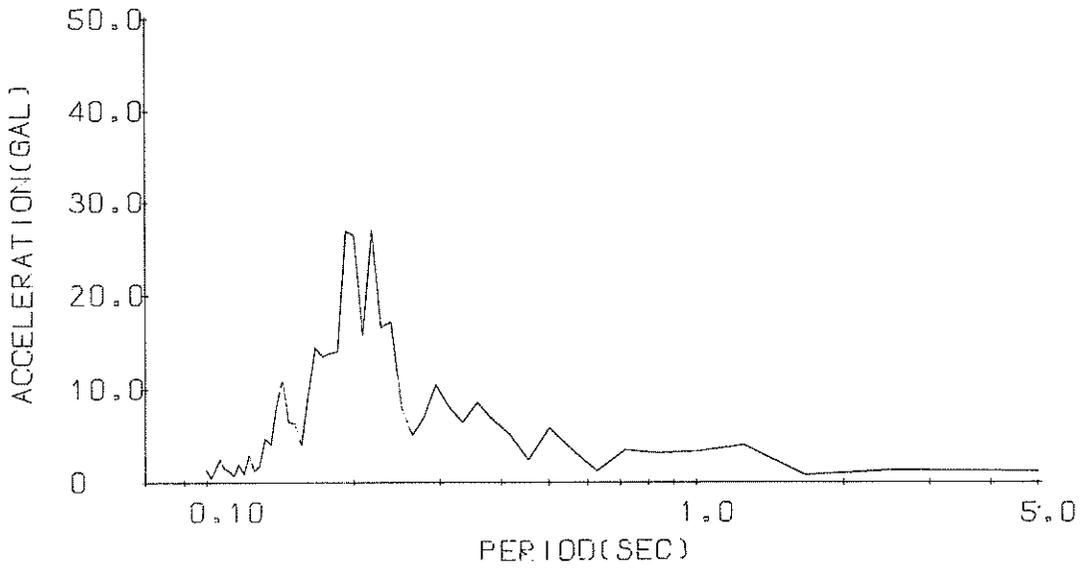
RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

RECORD = S-236 E-W 1968.05.16.09.49 1968-TOKACHIOKI  
 STATION = MIYAKO-S INPUT SIGNAL = GR, ACC,  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO, ARC  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 8.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX. GROUND ACC. = 96.71(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.020	1.194	115.44	46.25	0.490	0.0076
0.100	1.908	184.50	91.77	1.720	0.0461
0.120	2.656	256.82	235.76	5.605	0.1426
0.200	3.295	318.66	329.56	10.005	0.3170
0.220	2.124	205.41	236.51	8.591	0.3176
0.300	1.478	142.96	179.75	7.095	0.3190
0.320	1.214	117.43	160.76	6.507	0.3539
0.400	1.070	103.49	152.90	8.194	0.4090
0.420	0.805	77.88	136.84	6.866	0.3868
0.500	0.702	67.93	118.54	5.589	0.4159
0.520	0.500	52.26	110.17	5.56	0.3856
0.600	0.326	50.87	116.23	5.400	0.4451
0.620	0.524	50.67	118.12	5.929	0.5206
0.700	0.377	55.78	122.22	5.828	0.6674
0.720	0.612	59.20	116.00	6.994	0.8125
0.800	0.380	56.10	120.52	8.502	0.8786
0.820	0.308	49.09	115.49	9.387	0.8762
0.900	0.432	41.75	104.82	9.575	0.8486
0.920	0.379	36.70	104.70	9.279	0.8182
1.000	0.347	33.57	107.65	8.580	0.8241
1.100	0.286	27.62	105.21	6.798	0.8098
1.200	0.220	21.24	106.98	5.804	0.7586
1.300	0.211	20.36	106.28	5.606	0.8479
1.400	0.201	19.47	101.98	5.746	0.9297
1.500	0.174	16.79	100.68	5.322	0.9282
1.600	0.156	15.12	101.73	5.333	0.9457
1.700	0.158	15.32	101.63	5.296	1.1052
1.800	0.171	16.51	100.56	5.205	1.6305
1.900	0.177	17.09	99.71	5.079	1.5181
2.000	0.170	16.46	99.74	4.926	1.6092
2.200	0.144	13.95	101.20	4.552	1.6749
2.400	0.129	12.45	101.47	4.245	1.7527
2.600	0.110	10.62	100.22	4.777	1.7611
2.800	0.112	10.84	99.12	5.154	2.0306
3.000	0.119	11.54	99.12	5.372	2.4745
3.200	0.118	11.40	100.07	5.459	2.8740
3.400	0.126	12.15	101.67	5.439	3.4659
3.600	0.132	12.75	102.50	5.335	4.0017
3.800	0.134	12.91	103.17	5.866	4.5286
4.000	0.130	12.56	103.32	5.815	4.8806

S-236 N-S

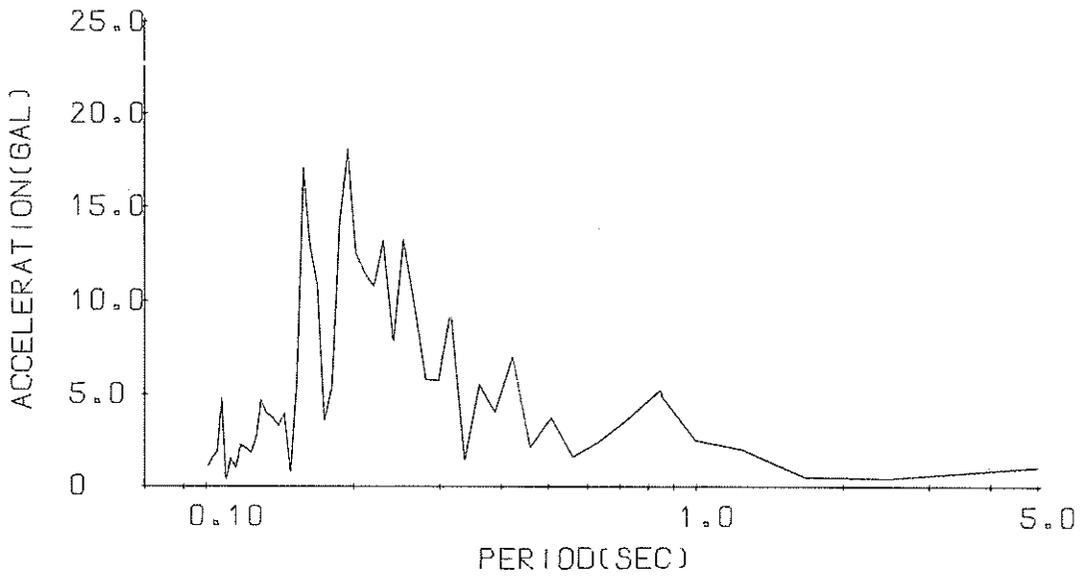
TSK=11.50  
TUS=5.00



Fourier Spectrum

S-236 E-W

TSK=9.50  
TUS=5.00



Fourier Spectrum

FOURIER ANALYSIS

RECORD=S-236 COMPONENT=N-S SIGNAL=GRAU. CORRECTION=ARC.ERR. STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA=11400 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1150

NOTE AM IS AMPLITUDE OF COS(PHASE),  
 BM IS AMPLITUDE OF SIN(PHASE),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQ.	AM	BM	CM
1	5.0000	0.2000	-0.2015437E 000	0.10925449E 001	0.1204722E 001
2	2.5000	0.4000	-0.9726627E 000	-0.8097194E 000	0.1265362E 001
3	1.6667	0.6000	0.6159448E 000	-0.4204132E 000	0.7630598E 000
4	1.2500	0.8000	-0.3216202E 001	0.1927733E 001	0.4024477E 001
5	1.0000	1.0000	0.1744845E 001	0.2853479E 001	0.3322071E 001
6	0.8333	1.2000	-0.4306642E 000	-0.3157932E 001	0.3187122E 001
7	0.7143	1.4000	0.6962079E 000	-0.3422004E 001	0.3494510E 001
8	0.6250	1.6000	0.1227612E 001	0.2123478E 000	0.1245931E 001
9	0.5556	1.8000	-0.2661622E 001	-0.2762509E 001	0.36114959E 001
10	0.5000	2.0000	0.5764222E 001	0.1283960E 001	0.5907113E 001
11	0.4545	2.2000	0.2249169E 000	-0.2403923E 001	0.2473016E 001
12	0.4167	2.4000	0.3197766E 001	-0.3964623E 001	0.5093520E 001
13	0.3846	2.6000	0.6728286E 001	0.5632503E 001	0.6757145E 001
14	0.3571	2.8000	0.2092338E 001	0.8042077E 001	0.8603382E 001
15	0.3333	3.0000	0.4363332E 001	-0.4822247E 001	0.6503288E 001
16	0.3125	3.2000	0.8062478E 001	-0.1233910E 001	0.8209111E 001
17	0.2941	3.4000	0.2924027E 001	-0.1012802E 002	0.1055006E 002
18	0.2778	3.6000	-0.6831946E 001	-0.2885162E 001	0.7023585E 001
19	0.2632	3.8000	-0.2139394E 001	-0.5225374E-001	0.5139663E 001
20	0.2500	4.0000	-0.1690230E 001	-0.8075512E 001	0.8251483E 001
21	0.2381	4.2000	-0.2616172E 001	0.1702532E 002	0.1725442E 002
22	0.2273	4.4000	-0.1662137E 002	-0.2764060E 001	0.1658833E 002
23	0.2174	4.6000	0.2095280E 002	-0.1693668E 002	0.2695722E 002
24	0.2083	4.8000	0.8913110E 001	0.1301796E 002	0.1277973E 002
25	0.2000	5.0000	0.2527720E 002	-0.1405292E 002	0.2648522E 002
26	0.1923	5.2000	-0.1720472E 002	-0.2025991E 002	0.26881649E 002
27	0.1852	5.4000	0.1392979E 002	0.1343365E 001	0.1402476E 002
28	0.1786	5.6000	0.9400231E 001	-0.1024141E 002	0.1690167E 002
29	0.1724	5.8000	-0.2642407E 001	0.1222222E 002	0.1346207E 002
30	0.1667	6.0000	-0.1283348E 002	-0.6663364E 001	0.1450231E 002

FOURIER ANALYSIS

RECORD=S-236 COMPONENT=N-S SIGNAL=GR,ACC. STATION=MIYAKO-S.  
 DATE AND TIME=1968.05.16.09.49 EARTHQUAKE=1968-TOKACHIOKI  
 TOTAL NUMBER OF DATA=11400 SAMPLING INTERVAL= 0.0100(SEC)  
 DATA SKIPPED = 1150 DATA USED = 501 TIME LENGTH = 2.4000(SEC) MMIN = .1 MMAX = 50  
 CORRECTION=ARC.ERR.

NOTE AM IS AMPLITUDE OF COS(PHASE),  
 BM IS AMPLITUDE OF SIN(PHASE),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

N	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	-0.364201E 001	0.860486E 001	0.9228375E 001
32	0.1562	6.4000	0.1429274E 001	-0.3863201E 001	0.4095682E 001
33	0.1515	6.6000	0.3479008E 001	-0.5559306E 001	0.6388657E 001
34	0.1471	6.8000	-0.4919276E 001	0.4219908E 001	0.6481273E 001
35	0.1429	7.0000	0.1987937E 001	0.1081746E 002	0.1099861E 002
36	0.1389	7.2000	0.5554299E 001	0.7869475E 001	0.8546706E 001
37	0.1351	7.4000	-0.5219124E 001	-0.2159922E 001	0.4129104E 001
38	0.1316	7.6000	0.6468905E-001	0.415271E 001	0.4713714E 001
39	0.1282	7.8000	0.9276217E 000	0.1494350E 001	0.1774858E 001
40	0.1250	8.0000	-0.2316938E 000	-0.1144994E 001	0.1262422E 001
41	0.1220	8.2000	-0.1855607E 001	0.2677409E 001	0.3015846E 001
42	0.1190	8.4000	-0.2979083E 000	0.7252255E 000	0.9401496E 000
43	0.1163	8.6000	-0.1478980E 001	-0.1344437E 001	0.1998723E 001
44	0.1136	8.8000	-0.2709821E 000	-0.2804622E 000	0.6661484E 000
45	0.1111	9.0000	-0.1248748E 000	-0.1245026E 001	0.1252298E 001
46	0.1087	9.2000	-0.2880293E 000	-0.1203383E 001	0.1535637E 001
47	0.1064	9.4000	0.7090521E 000	0.2482933E 001	0.2582192E 001
48	0.1042	9.6000	0.2938691E 000	0.1264706E 001	0.1697185E 001
49	0.1020	9.8000	-0.1169421E 000	0.420970E 000	0.4553306E 000
50	0.1000	10.0000	0.1204629E 001	0.8734218E 001	0.1679821E 001

FOURIER ANALYSIS

RECORD=S-200 COMPONENT=E-W SIGNAL=GR,ACC, CURRECTION=ZERO,ARC STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA=11400  
 DATA SKIPPED = 950 DATA USED = 501 TIME LENGTH = 3.000J(SEC) MMIN = 1 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

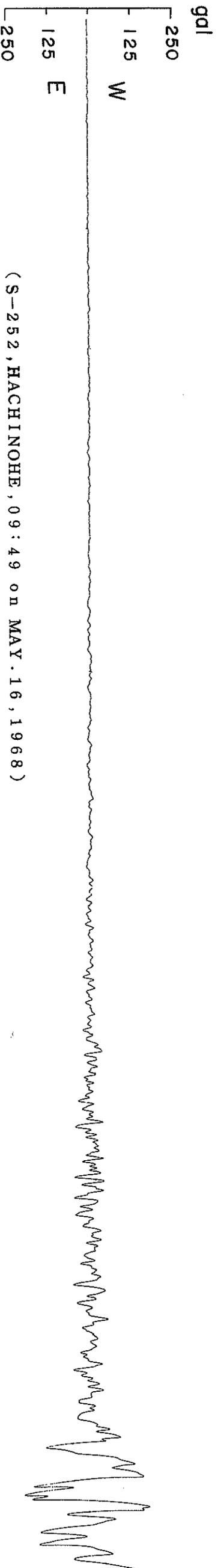
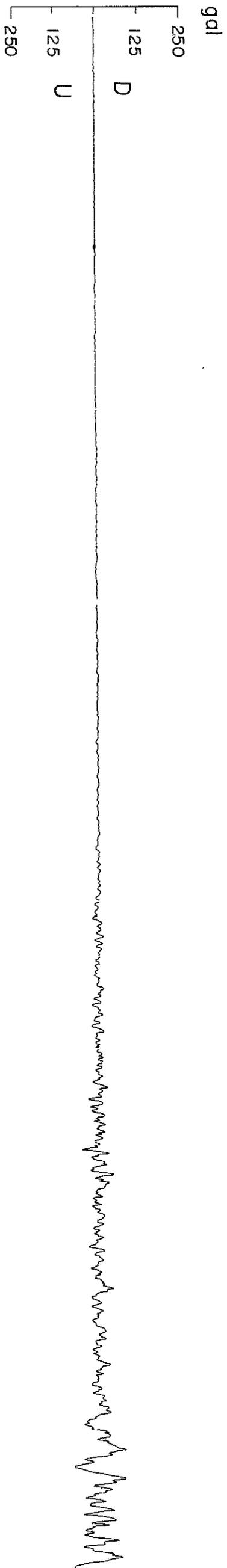
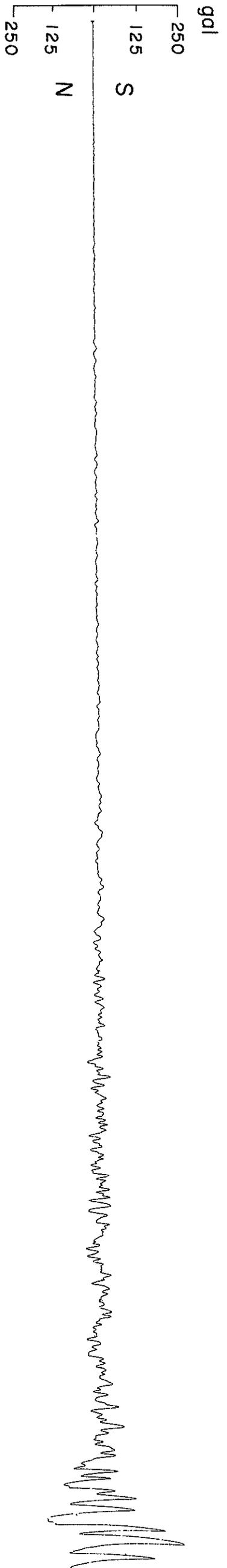
M	PERIOD	FRQU.	AM	BM	CM
1	5.0000	0.2000	-0.1066204E 001	0.2043314E 000	0.1062304E 001
2	2.5000	0.4000	0.4212128E 000	0.1623903E 000	0.4214319E 000
3	1.6667	0.6000	0.6930320E 000	0.3632080E 000	0.5351581E 000
4	1.2500	0.8000	0.1999257E 001	-0.1411324E 000	0.2004233E 001
5	1.0000	1.0000	-0.5626668E 000	0.2463160E 001	0.2926654E 001
6	0.8333	1.2000	-0.2224144E 001	-0.3703318E 000	0.5237268E 001
7	0.7143	1.4000	-0.2167799E 001	-0.29653457E 001	0.3612250E 001
8	0.6250	1.6000	0.2986466E 001	0.5473771E 000	0.2448367E 001
9	0.5556	1.8000	-0.1641556E 001	0.1922686E 000	0.1649261E 001
10	0.5000	2.0000	0.2292605E 001	-0.2974169E 001	0.3755226E 001
11	0.4545	2.2000	-0.4666466E 000	0.2093060E 001	0.2145150E 001
12	0.4167	2.4000	-0.9007101E 001	0.6953202E 001	0.7028928E 001
13	0.3846	2.6000	0.6479064E 001	0.2079046E 001	0.4052938E 001
14	0.3571	2.8000	0.2943115E 001	0.1202855E 001	0.5262761E 001
15	0.3333	3.0000	0.9022815E 000	-0.1113712E 001	0.1477597E 001
16	0.3125	3.2000	0.2947441E 001	-0.7481021E 001	0.9557078E 001
17	0.2941	3.4000	0.2703044E 001	-0.6197741E 000	0.5736622E 001
18	0.2778	3.6000	-0.3105970E 001	0.4899534E 001	0.5801076E 001
19	0.2632	3.8000	0.9535915E 001	0.1962358E 001	0.9735735E 001
20	0.2500	4.0000	0.1128278E 002	-0.6874849E 001	0.1321229E 002
21	0.2381	4.2000	-0.7041546E 001	0.6572627E 001	0.7896014E 001
22	0.2273	4.4000	0.1256898E 002	0.4045135E 001	0.1320418E 002
23	0.2174	4.6000	0.6902496E 001	0.1005098E 002	0.1076636E 002
24	0.2083	4.8000	-0.1115455E 002	-0.2723656E 001	0.1148274E 002
25	0.2000	5.0000	-0.9176012E 001	-0.8245567E 001	0.1253759E 002
26	0.1923	5.2000	0.2662140E 001	-0.1781470E 002	0.1804253E 002
27	0.1852	5.4000	-0.2666950E 001	-0.1612920E 002	0.1417134E 002
28	0.1786	5.6000	-0.3089368E 001	0.4419971E 001	0.5392619E 001
29	0.1724	5.8000	-0.3604160E 001	-0.4643981E-001	0.3604460E 001
30	0.1667	6.0000	-0.88944457E 001	0.6095194E 001	0.1076052E 002

FOURIER ANALYSIS

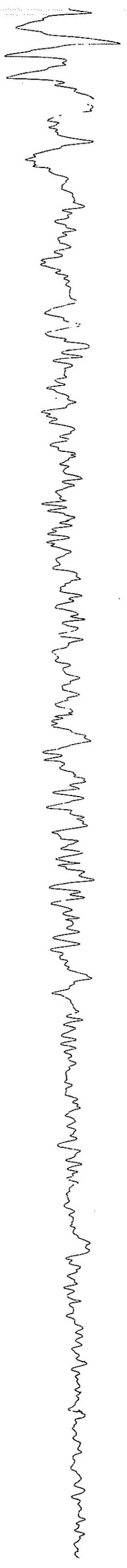
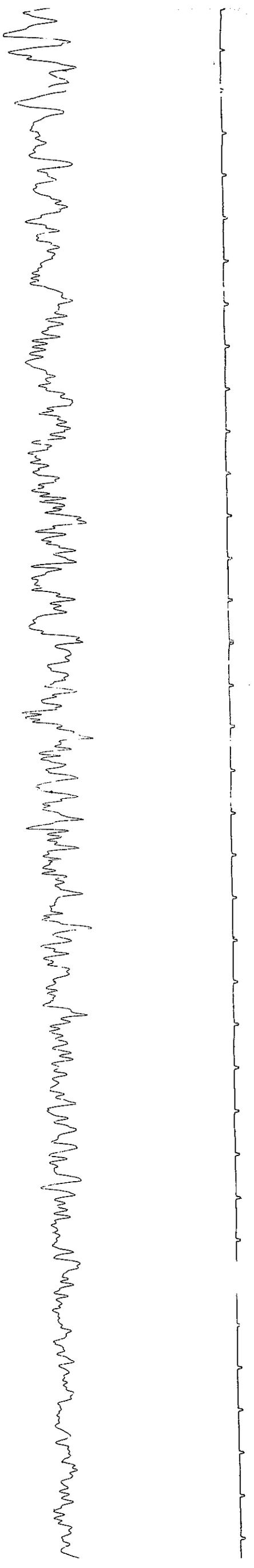
RECORD=S-266 COMPONENT=E-W SIGNAL=GR,ACC. STATION=MIYAKO-S  
 DATE AND TIME=1968.05.16.09.49 EARTHQUAKE=1968-TOKACHIOKI CURRENTION=ZERO.ARC  
 TOTAL NUMBER OF DATA=11400 DATA USED = 501 TIME LENGTH = 5.000(SEC) SAMPLING INTERVAL= 0.0100(SEC)  
 DATA SKIPPED = 950 MMIN = 1 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(WMT).  
 RM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+RM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	RM	CM
31	0.1613	6.2000	0.5500592E 001	-0.1178729E 002	0.1292426E 002
32	0.1562	6.4000	-0.1651279E 002	0.4215848E 001	0.1704246E 002
33	0.1515	6.6000	0.5742988E 001	0.9237421E 000	0.5816836E 001
34	0.1471	6.8000	0.6124810E 000	-0.5879484E 000	0.8490091E 000
35	0.1429	7.0000	0.5962500E 001	-0.2043565E 000	0.5969207E 001
36	0.1389	7.2000	0.1545201E 001	-0.2925007E 001	0.5608068E 001
37	0.1351	7.4000	-0.5742504E 001	0.1627267E 000	0.5745840E 001
38	0.1316	7.6000	-0.5686604E 001	0.1457375E 001	0.59664214E 001
39	0.1282	7.8000	-0.5709057E 001	-0.2907741E 001	0.4714185E 001
40	0.1250	8.0000	0.2518706E 001	0.4224889E 000	0.2652566E 001
41	0.1220	8.2000	-0.1805460E 001	-0.4693957E 000	0.1865405E 001
42	0.1190	8.4000	-0.2013405E 001	-0.6663492E 000	0.2116492E 001
43	0.1163	8.6000	-0.9939414E-001	-0.2253901E 001	0.2261086E 001
44	0.1136	8.8000	-0.8594499E 000	0.6427002E 000	0.1057232E 001
45	0.1111	9.0000	-0.1059249E 001	0.1164895E 001	0.1561094E 001
46	0.1087	9.2000	-0.1494116E 000	-0.3553842E 000	0.5860680E 000
47	0.1064	9.4000	-0.4814129E 001	0.1427915E 000	0.4816246E 001
48	0.1042	9.6000	-0.9389577E 000	-0.1572466E 001	0.1917989E 001
49	0.1020	9.8000	0.1598474E 001	-0.5765671E-001	0.1599514E 001
50	0.1000	10.0000	-0.1114457E 001	-0.2283064E 000	0.1137521E 001



(S-252, HACHINOHE, 09:49 on MAY. 16, 1968)





RECORD=5-252      COMPONENT=N=5      SIGNAL=GR,ACC.      CURRECTION=ARC,ERR.      STATION=MACHINOHE#8  
 DATE AND TIME=1968. 5.16. 9.49      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA=11900

NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	0.00	1.60	0.50	1.40	2.10	2.70	2.50	4.00	2.50	2.00
2	0.10	1.80	1.00	1.40	2.50	3.00	2.30	3.70	1.90	1.90
3	0.10	1.60	1.40	1.40	2.40	3.00	2.80	3.50	1.60	2.20
4	0.20	1.90	1.20	1.40	2.40	3.00	2.80	3.40	1.80	2.20
5	0.60	1.90	1.20	0.80	1.80	3.20	2.70	3.10	2.00	2.70
6	0.70	1.80	0.70	0.80	1.50	3.20	2.90	2.50	1.70	3.30
7	1.10	1.80	0.40	0.80	1.50	3.20	2.80	2.20	2.00	3.30
8	1.40	1.70	1.20	1.00	1.80	3.10	2.90	2.20	1.80	3.70
9	1.40	1.70	1.50	1.40	0.60	2.80	2.10	2.20	2.50	3.70
10	1.20	1.70	1.40	1.40	1.40	2.40	1.80	2.20	3.10	3.70
11	1.20	1.80	1.60	1.30	1.80	1.80	2.20	2.20	3.70	3.70
12	1.30	1.50	1.60	1.50	2.00	2.00	2.10	2.10	3.70	3.70
13	1.20	1.80	1.50	1.50	2.00	2.00	2.90	2.10	4.00	3.40
14	1.20	0.90	1.50	1.40	1.20	2.50	3.60	2.10	3.50	3.40
15	1.20	0.90	1.70	1.50	1.40	3.20	3.60	2.60	3.20	3.10
16	1.20	0.90	1.90	1.70	1.50	3.60	3.60	2.60	2.20	3.20
17	0.50	0.90	2.00	2.20	1.50	3.60	3.60	2.60	1.70	3.50
18	1.10	1.40	1.90	2.20	1.70	3.90	3.20	2.60	1.50	3.50
19	1.30	1.40	1.90	2.20	1.70	3.90	2.20	2.60	2.00	4.00
20	1.30	1.60	1.40	2.20	1.10	2.80	2.20	2.00	2.10	4.10
21	1.40	1.60	1.20	1.90	1.10	1.80	1.90	1.80	2.50	4.10
22	1.40	1.30	1.20	1.90	1.20	0.60	1.90	1.70	4.00	4.00
23	1.20	1.20	1.20	1.90	1.40	0.60	1.90	2.50	2.70	3.80
24	1.10	1.00	1.50	1.60	1.90	1.00	1.90	2.90	3.10	3.40
25	1.10	0.80	1.60	1.90	2.10	1.40	1.90	2.80	3.30	3.30
26	1.40	0.50	1.60	1.90	2.40	2.00	1.80	2.60	3.50	2.90
27	1.40	0.60	1.30	1.70	2.40	2.60	1.80	2.60	3.20	2.00
28	1.40	1.20	1.20	1.20	2.60	3.50	1.80	2.60	2.90	1.70
29	0.90	1.50	0.90	0.70	2.60	3.50	1.80	2.20	2.40	1.70
30	0.70	2.00	0.80	0.30	2.10	3.50	1.80	2.00	1.90	2.50
31	0.70	2.20	0.80	0.40	1.40	3.50	1.80	1.80	2.20	2.50
32	1.00	2.70	1.00	0.50	1.50	3.20	1.80	1.40	2.20	2.70
33	1.20	2.70	1.00	0.70	2.10	3.40	1.90	1.00	2.20	2.70
34	1.20	3.10	1.00	0.70	2.30	3.40	1.80	0.80	2.20	2.70
35	1.20	2.60	0.90	1.20	2.90	3.10	2.10	1.00	2.50	2.90
36	1.70	2.10	1.10	1.60	2.90	3.00	2.10	1.40	2.50	2.70
37	1.70	2.10	1.30	2.00	3.00	2.80	2.40	1.50	2.50	3.00
38	1.70	2.00	1.30	2.00	2.40	2.80	3.00	1.80	3.00	3.40
39	2.00	2.00	1.50	2.00	2.40	2.00	3.50	2.00	3.40	4.30
40	1.70	1.70	1.00	2.00	1.80	1.50	3.50	2.40	3.50	4.30
41	1.00	1.70	1.20	2.00	1.80	1.50	3.50	3.00	3.50	4.30
42	1.00	1.80	0.80	1.50	1.80	2.10	3.00	3.50	3.80	4.70
43	1.60	1.50	0.80	1.50	1.80	2.10	2.60	3.90	3.90	4.60
44	2.00	1.50	0.80	1.50	2.50	2.90	2.20	3.90	3.90	4.30
45	2.00	1.60	0.80	1.20	2.60	3.90	2.40	3.90	3.80	4.30
46	1.90	1.50	1.20	1.80	2.60	3.90	2.80	3.70	3.70	4.00
47	1.80	1.40	1.30	1.80	2.20	3.60	3.80	3.60	3.10	3.40
48	1.90	0.90	1.10	1.80	2.20	3.60	3.90	2.90	2.20	2.90
49	1.90	0.60	1.10	1.90	2.60	3.00	4.00	2.80	1.70	2.10
50	1.75	0.55	1.25	2.00	2.65	2.65	4.00	2.65	1.85	1.95

RECORD=S-222  
 DATE AND TIME=1968. 5.10. 9.49  
 COMPONENT=N-S  
 SIGNAL=HR.ACC.  
 SAMPLING INTERVAL= 0.010(SEG)  
 CORRECTION=ARG.ERR.  
 FORMAT NO.#301

STATION=HACHTNOHE-S  
 TOTAL NUMBER OF DATA=1900

NO.	( 200)	( 350)	( 500)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	1.80	1.60	2.20	1.90	4.30	6.71	3.80	2.10	1.90	3.00
2	1.00	1.70	2.20	2.00	4.20	7.30	3.80	1.70	3.80	3.40
3	0.20	2.00	2.70	2.10	3.90	7.69	3.40	0.80	3.90	3.60
4	0.00	2.80	2.20	2.80	2.80	7.50	2.90	0.80	4.50	3.90
5	0.40	3.40	3.20	1.80	2.80	7.00	2.50	1.50	5.30	4.00
6	1.00	3.40	2.90	1.60	1.80	6.60	1.80	1.80	6.10	4.00
7	1.60	3.90	2.90	1.60	1.10	6.19	1.60	2.10	6.60	4.00
8	1.80	4.00	2.90	2.10	0.20	5.40	1.80	2.50	6.60	4.80
9	1.70	4.20	3.00	3.20	-0.00	4.79	2.40	2.90	6.60	5.20
10	1.30	3.90	3.00	3.40	-0.70	3.70	2.60	2.90	6.60	5.20
11	1.80	3.60	2.60	3.40	0.00	3.06	2.60	2.90	6.30	6.41
12	2.20	3.60	2.60	3.40	0.00	2.40	2.60	2.90	6.30	6.41
13	2.60	2.60	2.10	3.40	1.00	1.90	2.80	3.00	6.30	7.20
14	3.40	2.30	2.60	3.20	2.80	1.70	2.80	3.00	6.30	7.20
15	3.70	2.50	2.60	3.20	3.00	1.80	3.00	3.40	6.30	7.60
16	4.20	2.50	2.60	3.20	3.00	1.60	3.00	3.80	6.10	7.29
17	4.70	2.50	2.50	3.40	3.10	1.10	2.00	3.80	6.59	7.29
18	4.70	2.50	2.50	3.40	3.50	0.90	2.70	4.30	6.00	5.99
19	4.70	2.70	1.40	3.40	3.90	0.10	2.00	5.41	5.40	4.30
20	4.30	2.60	1.70	3.40	4.00	0.10	1.60	6.81	4.80	3.40
21	4.00	2.50	1.70	3.20	4.91	0.00	1.60	7.49	4.00	1.50
22	3.40	2.20	1.40	2.60	5.91	0.70	2.00	6.80	3.90	0.
23	2.70	1.90	1.40	2.20	6.61	0.70	2.50	6.49	4.60	0.
24	2.20	2.20	0.90	1.90	7.60	1.80	3.00	5.89	4.60	0.
25	2.00	2.60	0.90	2.40	7.90	1.80	2.70	4.29	4.70	0.00
26	2.50	3.00	0.50	2.40	7.90	2.00	2.40	2.60	5.00	0.40
27	3.00	2.90	0.80	2.40	7.90	2.00	2.40	1.90	4.30	1.30
28	3.40	3.10	0.80	2.40	7.90	2.20	2.20	2.50	3.80	2.30
29	3.50	3.40	1.80	2.40	7.59	2.20	1.70	2.50	4.10	3.50
30	3.40	4.20	2.90	2.40	6.99	2.20	1.30	1.80	4.50	4.21
31	3.40	4.20	3.60	1.20	6.19	2.20	0.70	1.80	5.00	5.60
32	3.40	4.20	4.40	1.60	5.49	2.00	-0.00	2.40	4.80	6.10
33	3.10	3.80	4.90	1.60	6.99	2.20	-0.40	2.40	4.90	6.30
34	2.80	3.40	5.20	2.70	2.00	2.20	-0.40	2.90	4.10	6.60
35	1.20	3.40	4.70	3.60	1.60	2.00	0.00	3.00	3.60	6.00
36	2.40	2.40	4.40	0.50	0.50	4.31	0.20	3.00	2.70	6.00
37	1.70	3.90	4.40	4.10	0.	5.91	0.10	3.10	2.40	6.70
38	2.40	1.80	3.40	4.10	0.	6.60	-0.10	2.70	1.80	6.70
39	2.60	1.50	2.80	4.00	0.00	6.60	0.40	2.20	1.10	6.50
40	2.60	1.50	2.80	3.80	0.10	6.20	1.00	1.60	0.80	6.20
41	2.80	0.80	1.80	3.60	0.50	5.89	1.70	0.90	0.10	5.90
42	2.60	0.30	2.20	2.70	0.70	5.20	2.30	0.20	0.10	5.80
43	2.40	0.50	2.90	2.40	1.50	4.80	3.60	0.90	0.60	5.29
44	2.40	-0.00	3.00	2.40	1.60	4.50	4.60	1.30	1.10	3.90
45	2.00	-0.10	3.20	3.20	2.10	4.10	5.40	1.70	1.80	2.60
46	1.40	0.50	3.00	3.50	2.50	3.70	5.99	1.60	2.60	1.90
47	1.40	1.10	2.90	3.70	2.60	3.40	5.30	1.40	3.00	1.80
48	1.10	1.70	2.80	2.90	2.90	2.60	4.50	1.10	2.90	0.90
49	1.10	2.50	2.60	4.20	3.40	3.40	3.90	0.80	2.80	0.40
50	1.35	2.35	2.10	4.25	5.61	3.80	3.50	1.35	2.80	-0.10
										-0.80

RECORD=S-252  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N+S  
 SIGNAL=GRIACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CORRECTION=ARG.ERR.  
 FORMAT NO.=301  
 STATION=MACHINOH#S  
 TOTAL NUMBER OF DATA=1190

NO.	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	-1.50	1.30	0.90	4.30	1.20	-1.50	1.10	1.60	0.20	5.20
2	-0.50	0.70	0.90	5.40	1.20	1.00	1.10	1.60	0.20	5.60
3	0.00	0.	0.90	5.41	1.20	2.00	1.80	1.60	1.10	5.90
4	0.20	0.00	4.20	6.40	1.60	2.90	1.80	1.60	1.80	6.10
5	0.80	1.10	4.40	6.40	2.20	3.10	2.10	1.60	2.50	5.90
6	1.40	1.70	5.51	6.00	2.70	2.90	2.60	2.20	2.80	5.60
7	1.80	2.90	6.52	6.30	3.30	3.30	2.70	3.40	3.40	5.30
8	2.20	4.30	8.21	6.50	3.90	2.00	2.70	4.80	4.60	5.50
9	2.80	5.10	8.50	6.30	3.90	2.00	2.70	4.70	5.30	5.20
10	3.30	5.80	8.40	6.20	3.90	1.80	2.80	4.70	5.89	4.80
11	3.90	5.90	8.09	5.60	3.60	1.80	2.20	5.20	5.20	4.20
12	4.20	6.30	7.58	5.20	3.80	1.60	2.20	4.79	4.79	3.70
13	4.50	6.20	5.79	4.80	2.80	1.10	2.90	4.80	3.40	2.80
14	4.40	5.80	4.88	4.30	2.60	1.00	2.90	4.30	1.80	2.50
15	4.40	5.19	-0.00	3.90	2.80	0.80	2.90	3.90	1.00	2.60
16	4.40	4.30	-1.20	3.60	3.10	1.40	2.90	3.20	1.00	3.20
17	4.00	4.00	-2.20	3.30	3.60	2.00	2.80	2.80	1.00	4.80
18	3.90	4.10	-2.50	2.70	3.40	2.90	3.10	1.90	1.80	5.30
19	3.50	4.00	-2.40	2.20	3.40	3.60	3.70	1.10	2.60	5.60
20	3.00	4.20	-1.70	1.90	3.10	4.10	3.80	3.00	3.00	6.00
21	3.00	3.90	-0.40	1.90	2.60	4.20	3.90	-0.00	4.20	6.30
22	2.40	4.00	1.00	1.90	2.80	4.00	3.40	-0.50	4.71	6.30
23	1.40	3.50	2.40	1.90	1.50	3.70	2.70	0.00	5.80	6.70
24	1.40	3.00	0.40	2.40	0.10	3.20	2.40	0.70	6.20	7.00
25	2.20	2.70	0.80	2.40	0.20	3.30	2.40	1.20	6.20	7.30
26	2.60	2.80	0.50	2.70	0.50	3.00	3.00	1.60	6.20	6.99
27	2.90	2.70	0.90	2.80	0.50	3.10	3.90	2.00	6.10	6.50
28	3.60	2.70	3.80	3.10	0.90	3.10	3.90	2.50	6.10	6.00
29	3.90	3.10	3.90	3.80	1.10	3.20	4.10	3.00	5.70	5.40
30	3.90	3.70	3.80	4.00	1.50	3.00	4.10	3.10	5.20	5.80
31	3.50	4.40	3.60	4.60	1.80	3.00	4.80	3.50	4.60	5.80
32	3.50	5.10	2.30	5.41	1.80	2.80	5.20	4.60	3.60	5.90
33	3.30	5.00	2.00	6.30	2.20	1.80	5.50	5.30	2.30	5.60
34	2.90	4.80	1.40	6.79	2.90	1.80	5.81	5.80	1.70	5.10
35	2.40	4.60	1.60	5.79	4.00	1.80	6.50	6.20	1.80	4.40
36	2.20	3.90	1.80	5.10	4.80	1.80	7.00	6.20	1.80	3.70
37	2.70	3.30	2.10	4.30	5.51	2.00	7.41	6.00	2.20	2.70
38	3.10	2.40	2.20	3.90	6.51	2.40	7.90	6.00	2.50	1.70
39	3.70	1.90	2.50	2.90	7.29	2.90	7.99	5.80	3.00	1.20
40	4.10	1.80	2.80	3.40	6.50	3.30	7.60	5.80	3.20	0.60
41	4.50	1.50	3.50	3.40	6.19	3.20	7.29	5.30	3.50	0.80
42	4.50	1.20	3.80	3.10	5.29	3.60	6.79	4.60	4.00	0.80
43	4.60	1.50	4.10	2.50	4.09	3.60	6.69	4.10	4.80	1.40
44	5.20	1.70	4.10	1.80	3.90	3.90	6.60	3.80	5.40	2.40
45	5.60	1.70	4.40	1.20	0.50	3.90	6.60	3.80	5.90	3.00
46	5.60	2.40	4.10	0.60	-0.00	3.90	6.60	3.50	5.90	6.00
47	5.60	2.80	4.30	0.20	-0.80	3.90	6.60	3.50	5.90	6.00
48	5.20	3.60	4.00	0.00	-1.90	3.20	1.90	2.80	5.70	6.61
49	4.79	3.80	3.80	0.20	-2.30	2.70	1.90	2.30	5.30	7.20
50	3.05	3.85	4.05	0.70	-1.90	1.90	1.75	1.25	5.25	7.35

RECORD=S\*252 COMPONENT=N-S SIGNAL=GR.ACC. CURRECTION=ARC.ERR. STATION=HACHINDHE\*S  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11900

NO.	( 1500)	( 1000)	( 1050)	( 1000)	( 1050)	( 1700)	( 1750)	( 1800)	( 1850)	( 1900)	( 1950)
1	7.50	2.20	1.50	5.60	6.60	10.01	13.57	-1.70	9.84	6.49	
2	7.60	2.90	1.50	5.50	3.60	10.60	12.78	-1.90	11.61	5.89	
3	7.20	3.60	0.50	5.50	3.90	10.50	12.09	-1.90	12.09	4.40	
4	7.19	3.90	-0.50	4.79	4.60	10.18	11.81	-0.50	11.80	3.80	
5	6.70	4.30	-0.70	3.40	5.60	9.27	12.00	0.40	11.78	3.00	
6	6.80	4.60	-2.20	1.80	5.60	7.88	11.90	0.40	10.98	2.20	
7	7.21	4.60	-1.90	2.00	5.60	6.49	11.90	0.40	10.38	1.40	
8	7.71	4.80	-1.60	2.00	6.10	5.09	11.88	-0.10	9.38	0.40	
9	8.11	5.00	-1.10	2.80	6.11	3.80	11.20	-1.90	8.09	0.00	
10	8.51	5.00	-0.30	2.80	6.60	2.50	11.19	-3.40	7.60	0.90	
11	9.00	4.60	0.40	2.60	7.01	2.10	10.68	-4.00	7.21	1.90	
12	8.79	5.20	1.40	2.60	7.90	2.00	9.97	-4.81	7.70	2.60	
13	8.39	5.30	2.90	3.70	8.01	2.00	8.58	-5.90	7.91	3.00	
14	7.79	5.60	3.90	3.80	8.41	2.00	7.29	-5.90	8.31	5.11	
15	6.99	5.60	4.40	4.30	9.11	0.40	5.99	-5.99	9.05	6.30	
16	6.29	5.60	5.00	4.20	9.92	0.00	4.69	-4.79	11.76	6.59	
17	5.09	5.70	5.00	4.20	11.02	0.40	3.50	-2.40	13.76	5.59	
18	5.10	5.60	5.00	3.80	11.87	0.80	2.30	-1.00	15.33	4.49	
19	1.10	5.70	3.90	3.20	11.02	1.50	1.70	-0.10	15.82	3.00	
20	-0.00	5.40	6.20	2.20	11.59	1.40	1.00	0.20	16.21	1.70	
21	-0.20	5.20	6.20	1.90	11.59	1.40	1.00	-0.00	16.38	1.90	
22	0.20	4.80	7.00	1.50	11.58	1.00	0.30	-0.30	16.08	1.90	
23	1.10	4.30	7.41	0.60	10.19	0.40	-1.90	-0.50	15.59	1.60	
24	2.80	3.49	8.02	1.00	9.78	-0.80	-2.40	-0.50	13.49	0.90	
25	4.01	0.80	9.31	1.20	8.89	-2.40	-2.40	0.00	10.83	-0.70	
26	3.81	0.10	9.88	0.80	8.68	-2.40	-2.10	0.20	8.26	-1.10	
27	6.60	-0.50	8.78	0.40	7.10	-5.61	-2.10	0.60	5.89	-0.60	
28	6.80	-1.30	7.49	-0.70	7.11	-6.71	-1.70	0.70	4.50	-0.30	
29	6.99	-2.20	7.00	-1.30	7.91	-8.10	-1.30	0.70	3.50	1.20	
30	6.39	-2.80	6.70	-1.50	8.51	-8.08	-0.80	0.70	2.90	2.20	
31	5.69	-3.10	6.29	-1.00	9.22	-6.99	0.20	0.50	2.00	3.10	
32	4.90	-2.30	6.69	0.	10.22	-6.49	1.90	0.50	1.10	3.70	
33	4.50	-2.20	5.00	0.00	10.09	-5.28	2.90	1.00	1.10	4.10	
34	4.50	-2.60	2.00	0.40	9.51	3.70	3.70	1.20	1.90	5.21	
35	3.80	-2.90	0.20	0.40	9.86	0.10	4.10	1.70	2.50	7.66	
36	3.90	-3.70	0.50	0.00	7.99	1.50	4.50	1.90	3.90	12.07	
37	4.30	-3.10	1.10	1.40	7.19	2.00	4.30	2.10	4.61	14.49	
38	2.20	-2.70	1.90	2.50	6.09	2.30	3.80	1.40	6.41	16.35	
39	2.40	-2.40	1.30	3.80	5.00	2.80	3.20	0.30	7.51	17.24	
40	2.80	-2.30	1.00	5.00	4.20	2.60	2.90	-0.20	8.50	17.80	
41	6.50	-2.10	1.70	5.71	5.00	3.00	1.50	0.60	8.50	17.80	
42	-1.70	2.40	2.40	6.61	5.90	3.90	-0.20	1.50	8.49	17.78	
43	6.40	-1.60	3.50	7.81	6.01	3.90	-2.40	1.90	8.09	17.45	
44	5.90	-1.40	3.90	8.28	6.76	4.81	-2.90	2.40	7.70	16.72	
45	5.29	-1.70	4.40	7.19	7.20	6.62	-3.00	3.00	7.70	15.20	
46	4.20	-1.00	4.20	6.29	7.60	9.05	-3.00	3.50	7.91	11.35	
47	3.60	-1.50	4.20	5.49	8.01	11.65	-2.70	3.90	8.40	9.61	
48	3.50	-0.70	4.60	8.51	8.51	13.22	-2.30	4.50	8.60	9.91	
49	3.40	-0.20	5.20	3.80	9.01	13.80	-2.20	4.61	8.59	10.52	
50	2.80	0.55	5.25	3.25	9.51	13.70	-1.95	7.23	7.54	10.86	

RECORD=3-252  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 SAMPLING INTERVAL= 0.0101(SEC)  
 CURVECTION=ARC.ERR.  
 FORMAT NO.=301  
 STATION=MACHINOME'S  
 TOTAL NUMBER OF DATA=11900

NO.	( 2000 )	( 2050 )	( 2100 )	( 2150 )	( 2200 )	( 2250 )	( 2300 )	( 2350 )	( 2400 )	( 2450 )
1	11.20	-0.10	-3.40	5.79	7.21	1.90	-5.62	-14.30	4.28	5.79
2	11.30	-1.60	-2.20	4.29	7.78	3.91	-8.84	-11.91	-0.50	4.60
3	11.38	-2.30	-0.70	2.20	6.39	6.03	-11.52	-8.88	-2.00	4.60
4	10.50	-3.80	0.40	0.60	5.39	9.91	-15.82	-7.64	-2.80	5.42
5	10.49	-5.21	2.80	-0.00	3.20	10.91	-18.08	-3.09	-1.90	8.71
6	10.18	-6.69	4.20	-2.70	4.20	10.91	-21.08	2.21	0.70	15.67
7	9.47	-5.49	5.49	-4.41	5.00	10.88	-26.99	7.18	3.51	18.89.
8	8.06	-3.29	4.40	-6.11	5.93	10.24	-29.21	14.34	5.97	20.03
9	5.19	-0.60	4.30	-7.41	9.77	7.77	-29.63	17.50	14.55	20.17
10	0.79	1.50	4.00	-8.09	8.47	5.06	-28.01	17.20	19.74	17.47
11	-0.00	4.51	3.39	-7.29	6.55	-1.90	-20.63	15.29	16.37	12.66
12	-1.70	6.11	-0.70	-5.99	0.80	-1.70	-10.14	7.41	15.54	8.79
13	-2.20	7.22	-4.41	-4.59	-0.60	-1.20	-7.59	-0.40	10.71	8.09
14	-3.50	8.99	-6.61	-2.49	1.20	0.00	-6.60	-7.76	7.06	7.26
15	-4.30	8.58	-7.87	6.24	2.50	1.00	-6.21	-13.81	3.19	3.88
16	-5.11	7.19	-5.69	11.08	3.80	1.90	-7.11	-16.55	-1.50	-2.40
17	-6.31	5.89	-4.39	14.07	4.49	1.90	-7.99	-18.93	-1.50	-5.91
18	-8.48	3.99	-1.90	15.50	2.40	1.40	-7.29	-18.50	5.22	-7.80
19	-8.48	2.50	1.90	13.57	1.80	-0.00	-2.51	-8.47	8.90	-15.36
20	-7.49	2.50	10.64	10.41	1.80	-0.50	9.07	-0.40	14.44	-20.85
21	-6.29	3.50	16.22	6.59	1.80	-1.50	12.81	0.70	15.43	-26.20
22	-4.99	4.51	18.38	5.38	2.70	-0.70	13.20	-0.60	16.01	-25.31
23	-3.70	5.91	19.38	1.40	3.51	0.50	13.07	-2.40	16.05	-18.62
24	-2.90	6.60	16.98	-4.01	6.28	4.41	9.52	-5.01	15.08	-5.64
25	-3.70	7.01	17.40	-7.32	15.18	7.01	5.46	-6.18	12.75	2.60
26	0.80	8.92	15.54	-9.04	18.82	8.09	-0.20	-6.18	11.40	4.21
27	4.11	8.85	4.18	-5.88	18.82	7.09	-4.00	-3.49	11.37	6.20
28	6.51	11.53	-0.00	-3.59	17.75	5.76	-3.29	0.30	10.21	5.98
29	7.82	12.57	-2.02	1.00	17.04	0.80	1.10	1.50	6.36	3.88
30	9.00	14.60	-7.92	5.12	15.71	-0.40	2.40	3.61	1.80	-3.21
31	9.00	14.50	-9.22	8.55	7.00	-0.40	3.80	3.61	-3.91	-10.01
32	8.89	14.21	-10.34	11.56	-2.10	2.81	4.30	9.74	-6.09	-15.20
33	8.58	9.95	-7.66	13.67	-5.81	5.44	3.50	12.02	-4.76	-15.07
34	7.40	7.78	-4.47	15.69	-7.38	11.07	3.19	15.87	4.04	-14.45
35	6.40	6.40	-4.47	17.07	-5.69	9.98	0.30	17.26	15.89	-13.16
36	6.58	5.90	10.23	18.07	-4.30	9.14	0.60	17.26	17.56	-9.27
37	6.79	5.90	10.23	17.54	-3.79	5.79	11.60	19.85	17.56	-2.39
38	2.50	5.50	12.65	16.66	-1.20	3.98	19.15	22.35	19.74	2.80
39	1.70	6.10	15.01	15.84	-1.20	-1.00	28.57	20.84	15.98	3.10
40	-6.82	5.61	10.41	12.88	-1.20	-2.70	32.61	17.83	8.74	2.40
41	-8.83	6.49	9.56	12.88	-1.20	-2.70	33.66	17.83	4.98	2.00
42	-10.43	5.19	6.58	7.40	0.60	6.02	28.10	8.39	0.50	2.00
43	-11.63	3.89	4.49	7.40	1.00	8.46	18.99	7.91	0.50	2.00
44	-9.36	0.00	2.60	7.41	1.00	8.46	18.99	8.72	4.55	8.72
45	-7.07	0.80	0.40	7.91	0.60	12.40	8.34	9.72	16.15	10.00
46	-4.38	1.30	-0.70	8.81	1.40	-12.20	4.07	10.60	25.31	9.96
47	0.40	0.80	-0.70	9.44	2.30	-9.25	-4.72	10.98	25.08	7.81
48	1.50	-0.70	0.80	11.66	2.00	6.26	-8.68	10.35	22.19	0.90
49	0.70	-0.70	2.20	10.07	2.10	1.80	-13.54	8.17	18.00	-5.72
50	0.70	-2.05	4.01	8.63	2.00	-1.91	-13.97	6.23	11.99	-11.44

NO.	( 2550 )	( 2600 )	( 2650 )	( 2700 )	( 2750 )	( 2800 )	( 2850 )	( 2900 )	( 2950 )
1	-10.89	10.56	13.80	-12.75	-14.49	-5.04	0.00	-10.32	-28.82
2	-18.36	12.68	9.13	-18.93	-12.06	5.46	2.20	-11.14	-29.66
3	-19.28	14.81	5.38	-12.26	-7.54	14.86	4.84	-12.74	-28.60
4	-20.12	16.20	2.40	-7.90	4.83	17.94	12.12	-16.50	-28.71
5	-19.19	17.61	2.40	-7.93	11.10	20.19	16.00	-16.42	-28.36
6	-17.24	24.07	-1.00	-10.04	11.07	23.40	21.54	-15.03	-28.96
7	-7.63	7.11	4.01	-10.53	9.75	25.28	25.74	-13.39	-30.01
8	-1.70	17.40	6.99	-11.87	7.29	27.85	27.57	-8.09	-28.61
9	-1.30	23.72	27.28	-14.25	6.09	28.60	30.14	-7.70	-24.30
10	0.10	27.25	18.11	-15.27	4.80	28.14	33.08	-7.40	-15.29
11	4.92	25.27	7.81	-12.42	5.40	25.23	34.00	-7.40	-5.83
12	9.76	20.84	1.40	-6.38	6.01	20.61	33.43	-7.40	4.11
13	12.84	16.18	-6.32	1.80	6.90	16.42	30.19	-7.40	8.15
14	13.76	12.26	-19.73	-0.00	6.90	11.82	23.37	-7.40	11.51
15	12.72	4.96	-24.88	-2.61	6.89	9.28	15.40	-7.40	11.74
16	10.38	-1.90	-26.93	-6.63	6.20	8.43	9.79	-7.43	9.84
17	9.44	-4.59	-22.32	-10.18	6.80	10.55	9.47	-9.94	6.56
18	6.18	-1.79	-6.00	-13.94	7.30	16.67	13.09	-13.03	4.90
19	3.79	5.98	6.54	-20.02	7.40	19.72	21.42	-19.42	0.20
20	0.20	16.10	11.06	-26.22	7.59	23.20	28.52	-24.72	1.00
21	4.52	17.27	19.50	-31.02	6.38	23.02	31.19	-28.86	3.71
22	8.89	19.25	22.23	-33.72	4.90	21.21	31.66	-32.46	7.66
23	14.08	16.01	16.24	-34.73	4.20	17.24	29.70	-34.37	12.32
24	11.17	11.03	32.22	-32.24	4.51	11.81	24.03	-31.16	15.89
25	6.57	8.38	32.50	-33.90	7.97	8.96	16.62	-18.77	15.72
26	3.09	7.08	19.24	-13.90	13.52	6.59	7.53	-1.70	13.81
27	0.20	31.45	13.04	-2.70	19.52	5.90	2.20	-1.80	9.23
28	-2.20	3.40	13.63	-1.40	28.06	5.29	0.10	1.80	5.27
29	-5.41	5.22	17.49	-4.50	31.84	3.80	0.20	2.30	0.00
30	-7.58	8.03	19.66	-5.61	32.74	4.30	0.10	2.90	2.81
31	-5.59	10.07	7.32	-7.00	31.92	4.80	-0.70	3.40	6.52
32	-4.11	8.66	0.10	-11.53	29.27	4.99	-0.11	3.40	8.52
33	-5.52	6.29	12.47	-15.95	21.77	4.00	-5.92	1.80	-8.50
34	-8.17	5.47	20.62	-18.85	18.59	3.49	-8.01	-1.30	-4.96
35	-12.89	0.70	24.03	-18.85	15.70	1.20	-8.77	-6.29	1.80
36	-18.07	3.52	26.00	-22.09	10.40	0.20	-6.75	-16.35	8.90
37	-18.82	10.98	28.02	-24.40	10.45	0.20	-1.50	-18.95	14.58
38	-16.43	18.22	24.26	-29.68	12.68	0.20	4.80	-20.72	16.40
39	-13.40	26.77	30.00	-29.59	14.80	5.32	5.60	-19.65	18.00
40	-8.31	29.77	28.47	-25.11	14.85	9.38	5.59	-16.76	17.99
41	-2.29	28.93	20.62	-20.23	11.46	13.60	3.48	-14.39	17.81
42	3.40	26.42	10.16	-14.83	6.44	13.59	-2.40	-11.81	16.32
43	5.19	18.42	-7.55	-3.67	-0.20	13.40	-5.34	-8.99	13.26
44	3.29	8.62	1.89	5.28	-5.83	13.40	-11.36	-8.60	9.73
45	-1.90	3.58	9.47	1.40	-9.60	13.40	-16.96	-8.64	6.49
46	-5.76	-5.10	18.32	-3.01	-14.94	13.27	-17.79	-11.98	5.90
47	-13.92	-5.88	29.55	-6.74	-17.89	9.85	-15.96	-18.75	5.93
48	-19.95	3.47	22.23	-11.10	-20.51	7.23	-11.74	-22.21	9.51
49	-19.11	7.35	20.64	-14.70	-19.72	1.40	-9.89	-26.12	14.92
50	-16.86	10.53	17.18	-14.65	-12.49	0.70	-10.10	-28.10	11.44

RECORDS=252  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR. ACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CURVECTION=ARC.ERR.  
 FORMAT NO.=301  
 STATION=MACHINOME=S  
 TOTAL NUMBER OF DATA=1900

NO.	STATION=HACHINOHE-S									
	( 3000 )	( 3050 )	( 3100 )	( 3150 )	( 3200 )	( 3250 )	( 3300 )	( 3350 )	( 3400 )	( 3450 )
1	7.99	-8.50	19.56	2.00	-58.70	-42.92	81.21	-39.60	154.20	44.08
2	6.87	-8.81	17.41	-2.51	-41.50	-27.97	67.11	-19.50	156.95	43.38
3	4.30	-9.40	8.94	-7.62	-47.41	-14.83	47.61	7.37	150.84	41.22
4	3.40	-9.41	5.68	-9.51	-53.94	-1.78	32.03	13.36	141.57	35.99
5	3.20	-9.88	2.40	-9.92	-63.49	21.45	26.94	21.87	131.02	27.06
6	3.00	-9.08	3.07	-6.20	-67.42	41.01	4.30	47.35	117.72	17.42
7	3.10	-8.08	15.26	5.58	-66.46	43.96	-37.50	156.50	94.71	10.38
8	5.91	-5.45	21.10	17.81	-52.52	41.43	-67.75	164.62	71.69	5.46
9	5.83	1.90	32.40	28.72	-54.88	35.05	-106.86	194.99	48.67	-0.20
10	9.71	5.85	47.46	50.50	-13.13	27.27	-116.52	203.81	29.56	-5.95
11	15.14	12.92	56.91	60.85	7.77	17.04	-119.52	212.29	24.42	-13.07
12	18.08	16.16	65.35	68.12	35.50	5.74	-133.70	224.77	6.88	-27.93
13	17.89	17.25	67.15	67.67	48.01	-3.50	-138.49	229.13	-4.43	-33.37
14	23.61	18.00	67.89	68.97	47.73	-3.89	-137.42	232.54	-11.00	-42.42
15	26.74	18.06	67.42	41.55	56.78	-1.69	-135.59	232.67	-18.52	-45.90
16	27.60	19.74	64.72	21.23	64.72	8.49	-135.96	229.93	-23.22	-48.64
17	28.43	29.28	58.53	42.95	13.77	21.82	-136.80	226.12	-39.40	-46.18
18	31.57	33.98	49.66	39.87	5.92	56.17	-137.40	209.51	-44.70	-42.53
19	37.76	46.63	39.22	63.66	-9.08	53.99	-137.25	191.32	-50.30	-58.20
20	38.80	52.79	27.87	27.11	-13.29	76.51	-135.22	173.34	-56.15	-32.83
21	37.94	53.26	16.07	18.03	-33.72	99.72	-131.63	155.35	-59.55	-29.49
22	34.88	49.28	7.07	7.85	-42.04	132.10	-127.22	137.86	-72.66	-28.56
23	30.13	40.68	4.40	4.40	-46.13	99.23	-122.19	119.37	-75.89	-23.77
24	23.20	29.65	5.42	4.45	-43.50	96.59	-116.57	101.39	-76.55	-21.15
25	18.59	18.83	7.98	17.35	-33.22	73.17	-114.82	83.40	-77.60	-17.77
26	8.55	7.26	13.72	63.19	-16.98	37.83	-116.29	65.41	-76.92	-19.78
27	5.34	-4.45	16.67	42.44	-3.44	40.94	-117.15	47.42	-74.21	-8.63
28	-5.80	-15.98	19.78	44.31	19.03	42.49	-116.06	29.44	-70.19	1.60
29	-4.40	-17.53	25.13	43.24	32.00	1.88	-110.22	11.48	-65.15	4.66
30	-4.38	-20.91	25.61	39.25	31.43	-18.48	-100.94	-5.52	-58.82	17.45
31	0.60	-21.78	21.71	33.31	25.09	-37.24	-87.85	-7.96	-48.62	20.64
32	4.40	-19.00	18.07	23.55	2.08	-52.71	-65.12	-12.60	-36.27	33.67
33	4.78	-9.56	8.54	16.12	-20.08	-39.24	-23.55	-27.52	-20.58	43.62
34	0.40	-7.65	4.86	4.75	-34.25	-35.77	18.01	-36.06	-1.422	46.80
35	-4.62	-3.68	-2.11	-4.24	-50.29	-15.14	65.18	-40.92	0.00	47.26
36	-9.89	-2.61	-7.52	-13.50	-64.35	-2.97	127.09	-42.34	0.00	44.48
37	-3.98	6.52	-9.08	-15.89	-70.63	-30.75	163.69	-46.42	18.71	39.42
38	-11.03	8.80	-6.09	-15.39	-79.24	-45.14	172.66	-51.59	27.83	32.25
39	-4.75	8.77	-7.30	-17.48	-87.97	-28.93	183.59	-54.90	37.77	26.80
40	6.27	6.86	-7.31	-19.44	-92.63	-15.89	179.93	-64.06	47.85	20.47
41	15.01	2.80	-7.82	-28.44	-93.88	-0.70	158.34	-67.85	58.31	16.14
42	19.44	-0.00	-9.64	-33.96	-93.07	15.84	136.76	-77.60	69.09	0.80
43	23.33	-2.00	-11.61	-41.21	-86.89	36.41	115.17	-77.48	75.00	-6.51
44	23.30	-3.81	-11.91	-45.20	-81.88	51.83	93.59	-74.52	73.45	-17.89
45	20.19	-5.70	-8.95	-47.07	-79.50	59.78	72.00	-68.49	70.31	-18.10
46	11.66	-5.67	-6.17	-46.24	-79.20	81.35	50.41	-57.92	68.77	-22.51
47	6.86	-0.80	-2.98	-44.88	-78.63	91.29	28.83	-38.29	65.34	-26.49
48	3.18	4.46	8.04	-41.24	-76.41	95.13	6.93	-13.74	59.22	-30.54
49	-5.11	17.33	10.79	-36.80	-65.73	97.04	-37.18	-2.90	52.16	-34.38
50	-6.82	18.54	6.39	-37.22	-55.92	93.84	-44.42	135.29	47.55	-34.89

RECORD=S-252  
DATE AND TIME=1968. 5.16. 9.49  
COMPONENT=N-S  
SIGNAL=GR.ACC.  
CORRECTION=ARC.ERR.  
TOTAL NUMBER OF DATA=11900

STATION=HACHINOHE-S  
TOTAL NUMBER OF DATA=11900

NO.	RECORDS=252 DATE AND TIME=1968. 5.16. 9.49										STATION=MACHINOME=S TOTAL NUMBER OF DATA=1900									
	( 3500)	( 3550)	( 3600)	( 3650)	( 3700)	( 3750)	( 3800)	( 3850)	( 3900)	( 3950)	( 3500)	( 3550)	( 3600)	( 3650)	( 3700)	( 3750)	( 3800)	( 3850)	( 3900)	( 3950)
1	-56.35	-41.83	54.73	69.73	65.91	-8.20	27.60	15.88	19.65	-5.63										
2	-38.57	-49.16	49.96	69.84	63.90	-8.61	-54.96	15.60	23.50	-8.99										
3	-40.14	-55.87	44.58	68.49	63.90	-8.98	-35.62	15.66	23.50	-19.32										
4	-41.81	-64.55	38.75	64.50	62.05	-7.99	-35.03	16.97	23.50	-30.37										
5	-46.57	-72.86	33.11	59.40	62.05	-7.29	-33.90	20.10	23.50	-35.80										
6	-52.20	-85.18	30.41	50.22	58.84	-7.09	-33.32	25.75	24.53	-42.91										
7	-50.88	-92.49	25.94	40.44	55.44	-5.89	-32.129	28.40	31.330	-46.13										
8	-63.91	-93.10	25.77	38.23	48.72	-5.20	-31.775	31.01	38.13	-48.19										
9	-70.37	-88.90	27.21	29.09	59.70	-4.80	-30.54	33.25	47.46	-49.04										
10	-79.18	-84.17	29.76	22.71	31.23	-5.72	-26.47	38.53	52.98	-48.30										
11	-88.69	-79.65	31.66	18.53	26.16	-8.21	-17.69	40.11	52.63	-45.55										
12	-95.62	-74.50	33.73	14.77	22.10	-15.82	-6.61	40.54	50.05	-39.29										
13	-101.98	-67.61	37.09	7.95	16.51	-17.81	3.02	40.05	47.38	-30.04										
14	-103.84	-59.74	41.01	4.57	16.71	-17.86	3.02	45.41	45.41	-18.57										
15	-106.53	-50.45	41.07	-1.90	10.57	-17.09	23.07	32.36	45.41	-9.48										
16	-105.94	-40.79	42.96	-2.41	9.14	-13.81	35.47	27.82	35.60	-3.18										
17	-106.64	-31.66	48.34	-7.74	5.89	-9.28	49.57	21.21	35.56	4.82										
18	-106.88	-24.48	51.52	-10.63	4.50	-7.97	61.87	16.12	30.93	7.94										
19	-104.45	-25.90	56.12	-16.14	3.59	-6.05	70.71	7.96	44.31	11.09										
20	-98.79	-27.55	63.17	-20.65	-0.00	0.00	78.25	-1.90	50.28	10.76										
21	-86.13	-30.31	67.19	-25.74	-1.80	3.91	79.75	-6.36	61.69	9.18										
22	-71.85	-32.73	74.28	-30.10	-3.81	6.42	81.45	-13.46	64.88	7.99										
23	-52.89	-36.21	75.10	-34.28	-6.83	8.95	86.49	-17.60	68.17	7.83										
24	-34.28	-38.00	75.10	-42.53	-9.99	11.81	88.63	-19.11	71.35	10.28										
25	-12.75	-33.93	75.75	-49.53	-14.95	12.19	87.95	-20.40	70.64	14.06										
26	43.32	-25.78	78.44	-58.70	-17.86	11.88	86.47	-20.31	68.40	18.20										
27	53.87	-17.13	79.61	-63.47	-20.97	11.11	84.03	-19.27	66.07	28.16										
28	66.67	-5.88	80.00	-67.61	-23.20	7.86	81.40	-17.75	60.77	39.75										
29	77.64	9.21	77.04	-72.26	-23.93	5.08	78.51	-16.96	56.97	44.33										
30	84.74	21.20	68.96	-75.76	-23.53	1.10	74.15	-16.46	54.09	47.98										
31	85.64	32.78	59.98	-76.02	-23.01	-4.21	68.64	-17.56	52.36	47.78										
32	86.68	46.46	52.46	-74.19	-23.09	-7.98	60.10	-18.49	51.90	45.96										
33	85.24	55.39	48.09	-69.70	-23.09	-13.79	50.21	-19.80	51.90	39.27										
34	82.20	68.58	37.62	-65.10	-23.92	-15.91	39.96	-22.42	51.84	29.28										
35	77.11	82.37	36.11	-59.92	-24.95	-16.09	29.81	-25.90	51.57	23.35										
36	67.90	67.92	29.86	-56.65	-26.09	-16.00	18.96	-25.77	50.82	9.92										
37	61.21	75.63	27.80	-51.88	-27.91	-17.00	7.92	-24.78	48.12	5.92										
38	59.60	86.58	24.43	-46.54	-27.98	-17.00	2.19	-23.16	45.41	-4.01										
39	59.60	93.09	21.79	-42.14	-28.61	-18.10	-3.31	-22.10	39.50	-7.96										
40	59.23	102.10	20.86	-29.57	-27.90	-19.73	-7.95	-22.03	29.64	-12.22										
41	59.24	103.65	21.51	-29.46	-27.90	-23.40	-11.81	-21.26	26.09	-15.88										
42	44.80	102.50	22.88	-18.58	-27.98	-23.80	-11.96	-19.77	16.86	-17.42										
43	32.93	99.74	26.19	-7.24	-28.65	-22.99	-7.58	-18.28	5.78	-19.12										
44	21.31	97.76	30.83	6.22	-30.03	-21.88	-6.01	-16.42	3.09	-18.09										
45	13.20	84.70	39.76	22.58	-31.21	-19.75	5.04	-11.71	-2.40	-16.37										
46	0.86	69.90	48.94	46.29	-32.00	-18.06	12.90	-5.54	-5.40	-12.55										
47	-1.80	79.63	56.47	44.56	-30.82	-17.50	15.70	-4.28	-5.20	-11.22										
48	-8.41	66.66	63.05	58.83	-25.05	-17.53	15.72	1.90	-4.40	-12.07										
49	-22.90	64.11	67.15	62.67	-17.66	-18.11	16.01	7.28	-3.40	-14.46										
50	-33.51	58.82	64.51	63.73	-13.01	-22.56	15.95	13.53	-4.51	-15.56										

RECORDS=252 COMPONENT=N-S SIGNAL=GR,ACC, CURRECTION=ARC,ERR, STATION=HACHINOHE-S  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11900

NO.	( 4000)	( 4050)	( 4100)	( 4150)	( 4200)	( 4250)	( 4300)	( 4350)	( 4400)	( 4450)
1	-16.68	8.07	-32.92	48.85	70.40	-10.07	28.90	4.40	8.31	53.12
2	-17.94	5.99	-35.44	44.79	44.73	-18.27	-22.84	4.20	15.04	53.79
3	-18.36	4.09	-36.54	42.68	38.89	-28.58	-18.24	3.90	20.35	54.28
4	-19.15	-0.00	-35.08	42.19	32.69	-31.25	-15.83	3.10	21.95	49.58
5	-19.90	-2.00	-34.01	43.73	27.71	-31.22	-9.23	1.90	22.23	42.38
6	3.61	3.01	-32.85	45.28	22.71	-26.54	-5.08	2.00	20.88	36.21
7	5.77	-5.91	-30.08	46.45	18.56	-18.34	-2.30	3.41	15.56	29.95
8	10.19	-6.81	-22.88	47.20	15.32	-9.76	2.10	3.41	15.56	21.56
9	21.37	-7.84	-18.03	47.06	11.95	-2.99	3.70	16.66	-3.62	18.12
10	24.68	-8.69	-7.83	46.39	10.42	4.00	4.20	28.86	-10.06	13.10
11	25.72	-1.90	-2.49	45.65	11.93	4.00	5.00	38.79	-17.83	13.10
12	22.34	-1.80	4.61	44.96	12.94	3.90	5.60	48.31	-17.41	15.80
13	22.23	-1.40	7.63	44.13	13.45	2.79	6.20	52.59	-11.58	27.15
14	26.19	-1.90	10.22	43.28	12.05	-6.20	6.20	54.79	-4.07	34.70
15	28.60	-2.40	15.00	43.16	7.95	-18.61	5.60	56.20	5.07	44.37
16	33.52	-4.51	19.36	43.99	3.98	-29.45	5.30	56.00	17.95	51.74
17	39.78	-6.86	22.05	45.74	-3.11	-34.34	4.83	55.15	29.63	55.66
18	42.97	-12.65	29.70	47.21	-5.91	-38.39	10.38	49.97	38.12	56.82
19	42.50	-14.19	31.94	46.49	-6.99	-39.90	18.59	45.23	40.85	53.87
20	47.49	-13.88	35.52	44.50	-5.66	-39.65	26.39	44.29	41.86	46.59
21	46.20	-13.25	41.13	40.49	-3.66	-37.20	23.35	44.04	42.33	36.94
22	40.81	-11.88	44.44	35.94	0.00	-31.81	30.16	44.10	40.26	24.67
23	33.50	-11.24	47.86	33.59	2.20	-27.16	30.72	44.10	35.97	3.48
24	28.91	-12.79	51.02	32.55	5.43	-18.69	28.99	48.65	33.80	-6.10
25	25.38	-15.44	59.27	34.77	9.97	-7.65	22.10	55.94	34.00	-19.32
26	19.17	-18.79	55.34	38.03	18.56	-2.20	17.42	62.89	36.68	-30.41
27	15.19	-28.65	57.33	42.06	28.02	-2.20	11.76	70.12	44.00	-34.81
28	13.12	-30.44	57.34	48.01	36.20	-4.72	7.16	76.47	51.00	-39.33
29	13.67	-30.41	56.16	45.02	43.46	-8.03	3.90	77.00	55.27	-38.15
30	12.55	-27.03	54.82	43.93	45.90	-17.70	2.80	76.79	56.87	-33.89
31	18.43	-21.53	52.92	47.11	45.08	-24.21	3.60	76.47	58.85	-29.92
32	21.41	-18.42	51.97	45.08	39.88	-31.78	3.90	77.47	57.90	-20.26
33	27.65	-9.75	54.51	45.58	29.74	-38.29	7.95	77.95	55.04	-9.54
34	31.26	-7.50	54.51	46.72	19.01	-43.71	5.50	77.88	48.69	-1.60
35	34.41	-7.82	52.41	48.16	8.49	-46.10	6.04	77.30	40.60	5.98
36	32.66	-9.32	57.47	47.88	1.40	-48.29	11.80	75.72	33.87	16.59
37	34.62	-15.99	61.11	46.40	-8.76	-51.29	11.80	73.00	30.90	18.01
38	33.19	-25.10	65.99	9.84	-19.30	-52.30	15.91	73.00	30.72	18.06
39	31.81	-30.08	69.04	6.99	-30.97	-52.48	15.96	72.92	33.88	15.76
40	29.92	-32.46	77.21	5.81	-32.80	-52.66	15.01	72.31	41.20	7.95
41	27.72	-33.37	82.06	7.81	-32.46	-50.57	9.31	71.39	47.52	4.60
42	26.71	-30.85	84.59	16.41	-28.98	-47.09	4.75	67.95	56.85	4.20
43	26.26	-24.35	82.03	28.19	-17.91	-44.69	-5.23	60.02	63.79	4.80
44	26.77	-18.10	84.33	32.90	-7.39	-43.16	50.11	50.11	69.53	4.80
45	27.77	-12.75	83.14	41.62	2.10	-40.40	39.71	70.50	4.70	4.70
46	28.05	-11.36	80.02	45.04	6.02	-37.10	29.24	70.35	5.35	5.35
47	26.87	-13.66	74.51	56.04	8.60	-35.90	17.16	67.94	67.94	-2.21
48	21.57	-15.72	67.77	67.77	8.74	-35.79	0.40	7.37	60.46	-17.75
49	18.91	-18.27	59.60	55.77	5.05	-34.85	5.10	5.10	55.44	8.17
50	13.54	-25.98	53.91	24.64	-2.50	-32.20	2.40	6.67	53.56	-25.77

RECORD=5-252	COMPONENT=N-S	SIGNAL=GR.ACU.	CORRECTION=ARG.ERR.	STATION=HACHINOHE-S				
DATE AND TIME=1968. 5.16. 9.49	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=1900					
NO.	( 4500)	( 4600)	( 4750)	( 4850)	( 4900)	( 4950)		
1	-54.64	-5.65	79.11	3.77	-28.62	31.44	-40.28	37.24
2	-46.09	-14.41	87.43	-5.72	26.24	27.76	-42.59	28.19
3	-54.09	-29.12	96.45	-8.85	27.24	17.51	-47.90	19.68
4	-52.19	-18.66	96.81	-11.73	54.45	7.86	-52.65	16.14
5	-47.48	-24.23	96.12	-12.93	70.62	4.50	-55.00	15.07
6	-69.73	-18.29	88.49	-16.54	34.64	3.81	-55.53	14.46
7	-33.95	-7.73	84.10	-18.99	79.22	6.50	-56.10	15.82
8	-65.42	5.38	81.50	-21.04	30.47	17.90	-57.02	16.33
9	-50.24	18.10	82.32	-16.86	76.89	29.21	-57.80	18.98
10	-50.21	27.90	87.67	54.83	59.64	32.77	-59.04	26.52
11	-61.70	31.97	92.02	9.80	22.67	33.88	-58.31	31.99
12	-34.17	38.58	102.25	5.08	37.67	32.61	-55.84	40.43
13	-54.62	35.13	29.50	105.76	24.09	28.08	-52.45	44.14
14	-53.33	30.69	21.59	109.03	3.95	20.52	-49.39	48.41
15	-52.12	25.44	14.86	108.46	-6.80	16.24	-46.14	52.87
16	-29.02	22.49	-7.45	105.76	-6.94	13.59	-40.76	53.94
17	-29.24	21.61	-18.43	101.81	-1.20	15.72	-33.94	55.20
18	-20.85	22.02	20.36	95.19	6.11	15.43	-28.44	56.65
19	-18.49	24.91	-18.24	86.61	19.61	18.34	-21.64	57.49
20	-20.44	25.37	-4.92	71.66	-43.81	24.76	-18.36	57.91
21	-28.33	23.74	10.14	60.44	30.29	31.00	-17.87	58.74
22	-30.76	22.20	21.71	49.06	31.58	41.15	-17.44	59.68
23	-34.93	18.34	34.86	35.39	25.66	42.38	-18.08	60.77
24	-44.08	12.24	41.38	19.06	38.75	46.90	-19.44	60.15
25	-47.35	4.35	46.52	14.79	28.60	49.54	-23.27	58.94
26	-47.04	-6.89	49.03	10.60	34.41	48.97	-22.54	57.54
27	-40.70	-20.27	46.97	14.89	47.39	45.93	-17.90	56.16
28	-30.03	-25.33	44.50	20.57	23.47	40.44	-6.00	52.94
29	-19.92	-19.41	38.57	20.09	65.87	31.30	6.00	48.17
30	-14.26	-13.69	27.78	17.61	75.89	11.74	6.00	44.76
31	-2.79	-8.81	19.47	16.41	78.45	19.81	21.46	44.02
32	2.80	-9.65	16.63	8.41	78.21	6.29	51.47	44.28
33	3.19	-12.59	14.05	74.44	-3.71	28.09	57.78	44.28
34	3.19	-15.17	17.67	-18.62	-8.71	29.92	-16.25	45.06
35	-0.00	-16.74	22.83	66.48	-9.21	29.90	-19.43	45.85
36	-5.86	-21.28	22.83	57.11	-9.28	26.26	-26.82	43.02
37	-14.66	-21.28	35.52	46.97	-8.67	22.08	-29.57	41.96
38	-20.37	-29.19	38.42	-34.48	-6.71	20.20	-34.30	39.36
39	-23.44	-34.79	33.90	-29.33	-8.02	21.02	-35.64	35.53
40	-20.50	-42.61	28.35	-19.72	-9.25	29.13	-35.20	35.63
41	-22.30	-44.53	20.54	-14.29	19.41	33.07	-35.92	35.41
42	-21.65	-44.76	15.30	21.75	-22.20	42.72	-38.67	30.30
43	-21.65	-43.11	4.16	34.27	-29.15	51.60	-42.28	45.34
44	-27.59	-41.32	45.77	15.64	-34.13	66.50	-44.76	39.62
45	-30.81	-35.56	48.67	21.17	-40.68	72.74	-45.37	32.88
46	-32.02	-22.34	45.56	32.63	-44.47	73.36	-44.94	28.10
47	-39.95	-12.52	39.28	46.56	-47.25	71.04	-44.31	19.02
48	-41.01	3.11	35.51	42.65	-48.15	66.99	-42.88	8.72
49	-38.86	6.19	21.77	48.64	-46.08	59.08	-41.05	4.07
50	-36.02	-0.26	13.04	53.41	-41.17	49.74	-40.36	-3.91
					-34.25	39.72	-40.13	48.86

RECORD=S-252 COMPONENT=N-S SIGNAL=GR.ACC. CURVECTION=ARC.ERR. STATION=HACHINOHE-S  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=11900

NO.	( 5000 )	( 5050 )	( 5100 )	( 5200 )	( 5250 )	( 5300 )	( 5350 )	( 5400 )	( 5450 )
1	-6.80	-14.17	17.55	42.91	-7.20	4.27	25.79	-7.90	-25.28
2	-6.40	-6.71	16.88	26.11	-9.47	21.24	25.40	-7.77	-23.18
3	-5.90	11.91	56.35	15.38	-7.66	32.50	28.00	2.00	-17.13
4	-5.50	7.20	44.08	5.71	-4.69	44.22	32.14	6.74	-8.64
5	-3.46	16.66	17.16	-18.03	-8.37	50.95	35.31	21.15	-4.95
6	0.20	41.69	14.75	-23.39	8.33	61.97	36.46	28.20	4.16
7	2.20	47.83	7.52	-31.41	17.90	65.26	41.48	27.90	18.73
8	3.00	56.65	-6.54	-33.95	32.30	68.51	45.20	25.32	20.48
9	3.00	66.05	65.38	-34.62	45.10	72.74	49.31	17.98	21.52
10	3.00	69.56	43.15	-33.60	52.87	74.77	51.71	9.58	17.22
11	3.00	74.66	71.17	-29.11	62.07	72.99	69.71	3.38	-5.74
12	3.00	75.77	81.17	-18.97	63.79	67.98	85.90	-3.72	-10.61
13	2.80	73.61	80.51	-3.81	55.44	58.94	89.95	-8.87	-3.00
14	2.46	69.66	72.63	75.62	68.64	49.05	87.54	-12.57	-1.00
15	15.59	63.96	-66.29	24.99	75.87	39.43	81.95	-8.59	-0.10
16	24.73	56.57	-52.22	16.88	76.48	31.21	72.80	4.22	-5.51
17	30.62	47.95	-36.21	1.99	74.48	25.30	57.95	9.40	-7.31
18	35.83	38.44	-27.59	103.33	59.33	26.19	41.48	14.40	-7.89
19	43.30	28.38	-33.28	112.26	39.25	28.15	24.25	14.40	-7.39
20	48.24	17.74	-43.79	121.48	48.35	29.25	10.06	14.32	-6.61
21	51.73	7.37	-51.75	120.34	37.17	27.15	8.09	12.55	-7.92
22	52.55	5.20	-65.89	116.42	26.96	18.62	7.19	10.91	-9.23
23	50.10	5.23	-70.14	105.65	21.44	7.86	6.16	7.49	-16.35
24	53.88	10.97	-73.62	93.85	16.21	2.78	1.90	6.52	-20.80
25	52.08	17.30	-67.99	6.08	-8.72	-8.72	-2.61	9.28	-24.86
26	50.93	17.21	-61.44	65.74	-1.30	-22.23	-7.12	19.48	-26.07
27	47.45	15.52	-48.20	45.77	-7.54	-26.81	-18.30	32.06	-27.21
28	43.87	8.51	-33.57	28.14	-19.09	-21.45	-30.68	47.65	-27.69
29	42.15	2.59	-30.40	25.38	-26.57	-7.87	-41.17	59.151	-26.01
30	40.36	-5.54	-31.53	6.18	-30.62	-5.39	-49.56	67.41	-18.77
31	40.04	-12.10	-37.18	23.79	-34.38	-3.50	-56.89	74.12	-8.71
32	40.76	-18.44	-41.94	28.32	-36.94	-4.51	-63.62	74.87	-2.99
33	42.25	-21.95	-47.43	29.44	-40.38	-6.42	-68.87	72.51	3.31
34	43.54	-25.70	-51.79	29.64	-42.87	-8.91	-73.90	66.05	7.80
35	40.70	-25.62	-48.38	29.82	-44.11	-15.63	-71.47	57.99	7.78
36	40.07	-24.98	-39.70	29.84	-44.19	-18.16	-67.35	43.72	6.31
37	33.20	-24.20	-27.75	29.49	-43.62	-20.83	-57.28	27.29	-3.71
38	23.08	-24.20	-13.25	28.79	-40.14	-26.33	-38.44	15.77	-6.89
39	13.93	-24.05	6.73	26.21	-34.12	-25.55	-13.17	8.27	-15.96
40	11.28	-19.21	20.49	16.76	-36.59	-27.83	47.12	-8.36	-30.02
41	10.50	-19.21	26.96	10.04	-39.46	-18.36	45.78	-12.60	-30.22
42	10.50	-5.63	30.25	12.04	-39.46	-16.36	39.33	-12.54	-29.59
43	10.45	3.94	31.60	16.55	-40.21	-17.32	29.29	-10.67	-22.88
44	8.15	17.14	33.18	4.94	-37.62	-8.85	29.29	-9.30	-8.29
45	4.39	23.02	31.44	33.23	-0.40	-0.40	18.82	-9.30	5.18
46	1.70	29.70	29.31	-15.04	5.84	5.84	8.31	-9.35	18.79
47	-3.71	31.14	26.71	-15.75	-11.36	11.77	2.48	-12.04	32.56
48	-5.85	31.18	19.38	-12.97	-15.89	17.47	-9.16	-16.70	39.80
49	-12.21	26.05	16.73	-19.47	-7.04	20.12	-12.30	-20.41	40.43
50	-13.35	22.83	18.68	-8.33	-1.41	23.25	-10.05	-23.02	35.96

RECORD=S-252  
 DATE ANU TIME=1968, 5,16, 9,49  
 COMPONENT=N+S  
 SIGNAL=GR,ACC.  
 SAMPLING INTERVAL=0,010(SEC)  
 CORRECTION=ARC,ERR,  
 FORMAT NO.=301

STATION=HACHINDHE=S  
 TOTAL NUMBER OF DATA=1900

NO.	( 3750)	( 5000)	( 5700)	( 5850)	( 5900)	( 5950)
1	31.97	19.48	-20.20	-22.27	47.96	-1.80
2	27.45	21.46	-30.22	-23.49	47.59	42.76
3	18.74	33.89	-64.17	-21.42	48.40	47.03
4	9.57	46.06	-35.71	-16.38	49.37	47.44
5	7.92	64.29	-33.94	-6.31	50.50	45.26
6	9.84	79.83	-29.06	4.42	52.22	40.57
7	16.44	91.52	-23.42	10.16	53.78	33.21
8	21.11	103.15	-16.99	8.56	58.10	27.16
9	28.61	108.10	-7.77	5.73	68.65	20.08
10	32.40	108.10	2.30	-3.41	78.14	14.49
11	33.56	107.43	2.80	-8.72	87.54	12.29
12	33.17	103.37	3.40	-15.87	93.73	15.12
13	32.47	92.20	4.50	-18.69	94.93	17.52
14	28.29	89.66	3.69	-17.14	93.94	20.15
15	22.87	80.15	1.20	-14.21	84.80	22.06
16	13.43	68.29	0.20	-8.62	74.98	30.29
17	14.68	59.05	2.21	-3.09	66.31	36.02
18	8.14	49.65	11.46	3.90	56.03	49.93
19	4.20	39.71	21.50	4.20	45.17	53.97
20	4.21	31.58	33.68	4.90	35.17	54.56
21	3.96	26.52	40.90	4.40	27.86	52.05
22	10.97	18.67	44.20	3.19	20.34	48.97
23	17.89	9.73	42.45	1.80	11.18	43.64
24	17.80	6.16	36.95	-3.70	17.32	34.97
25	49.94	1.50	28.44	-2.79	19.12	25.67
26	69.51	-0.00	18.34	0.20	21.43	18.80
27	69.90	-1.80	6.29	1.00	30.58	14.45
28	70.22	-1.90	5.95	1.60	34.43	9.65
29	75.87	-0.60	-12.96	1.10	35.83	3.72
30	81.29	2.30	-20.62	-1.10	42.48	-9.40
31	84.68	6.15	-28.04	-7.71	44.46	-9.38
32	84.48	-20.92	-29.70	-8.82	42.16	-8.46
33	82.30	-25.84	-29.37	-9.85	38.34	-6.07
34	70.88	-24.53	-26.69	-9.22	31.89	-1.70
35	67.97	-17.49	-20.69	-9.22	29.85	-6.62
36	58.63	-10.37	-19.56	-10.59	27.32	-8.35
37	45.38	-13.36	-14.33	-18.43	26.00	-11.44
38	32.24	-17.49	-6.38	-22.55	25.55	-12.93
39	25.64	-20.82	4.49	-26.30	24.21	-13.77
40	18.64	-27.36	50.35	-27.82	22.60	-12.98
41	14.91	-30.54	51.74	-30.07	20.72	-12.40
42	13.20	-31.59	50.76	-31.43	18.42	-12.52
43	13.15	-29.65	45.09	-32.08	16.58	-12.40
44	11.82	-19.10	39.77	-31.01	14.97	-13.22
45	9.18	-6.86	34.22	-27.72	13.40	-13.48
46	7.90	3.02	29.27	-16.17	12.00	-7.94
47	7.91	13.89	18.44	-8.02	11.69	-4.09
48	8.60	16.03	12.76	16.16	10.02	-1.60
49	8.59	16.70	15.61	25.50	8.82	1.10
50	8.60	-12.03	0.79	37.02	7.62	0.80
				46.19	29.32	20.53
				47.15	36.40	23.77

RECORDS=252  
 DATE AND TIME=1968-05-16 9.49  
 COMPONENT=M=S  
 SIGNAL=GR,ACC  
 SAMPLING INTERVAL=0.010(SEC)  
 CORRECTION=ARC,ERR  
 FORMAT NO.=301  
 STATION=HACHINDHE#8  
 TOTAL NUMBER OF DATA=1900

NO.	( 6000 )	( 6050 )	( 6100 )	( 6150 )	( 6200 )	( 6250 )	( 6300 )	( 6350 )	( 6400 )	( 6450 )
1	26.72	1.00	6.89	28.03	68.40	4.42	-3.10	7.91	55.51	27.73
2	25.72	6.08	6.30	29.27	68.81	8.63	-9.02	-2.60	54.49	19.60
3	21.68	16.44	6.20	31.61	69.39	16.73	-3.10	-10.38	54.58	15.82
4	16.60	27.17	6.10	29.85	68.87	19.11	4.12	-10.74	55.52	9.14
5	10.28	30.27	6.10	24.71	66.28	22.96	10.82	-14.71	56.58	5.79
6	7.28	33.26	5.89	19.21	58.06	24.13	15.63	-14.88	58.28	4.40
7	5.29	35.40	5.19	9.01	48.31	23.00	16.22	-12.40	58.01	4.90
8	3.00	34.71	2.59	3.77	38.44	18.76	16.56	-9.45	57.95	3.70
9	2.20	31.98	-1.20	5.76	29.00	15.44	15.63	-7.07	55.24	3.40
10	2.81	27.92	-4.81	-14.45	17.96	8.63	10.64	-4.48	50.06	1.80
11	7.28	20.21	7.76	-17.74	6.79	4.29	8.26	0.80	44.20	1.10
12	14.81	15.80	12.01	-18.30	-3.91	1.50	-5.39	1.40	39.25	3.61
13	19.60	8.67	8.67	-17.76	-8.93	0.80	-4.49	5.70	34.45	6.23
14	26.75	0.50	-9.77	-10.34	-17.43	-0.80	-2.60	13.66	30.08	-10.93
15	30.03	-2.70	-8.02	7.87	-26.93	1.60	0.80	18.61	26.90	-11.48
16	31.87	4.00	4.67	5.88	-31.20	4.55	0.80	27.90	25.76	-9.41
17	37.00	3.40	20.71	1.20	-38.26	14.73	0.80	32.91	25.28	4.41
18	42.45	2.59	36.01	1.30	-42.72	15.95	1.20	39.70	23.51	4.65
19	47.59	2.21	43.04	3.80	-43.95	25.66	1.80	41.00	20.50	4.96
20	54.93	7.38	49.28	3.80	-43.49	28.90	1.80	43.57	19.27	16.43
21	54.55	14.08	54.11	4.20	-39.15	30.40	1.60	44.74	16.55	22.46
22	61.63	28.91	56.86	3.80	-30.47	30.62	2.40	42.15	15.74	28.05
23	60.42	28.91	57.60	2.79	-20.01	28.28	-6.20	36.55	14.60	28.69
24	57.20	30.56	57.60	-4.21	-6.70	22.00	-6.80	29.46	14.60	27.23
25	50.01	35.58	58.53	5.60	3.21	17.90	-7.09	19.08	14.57	21.74
26	40.50	36.95	59.58	5.59	9.67	9.79	-6.19	9.41	15.85	17.81
27	31.76	37.98	59.90	4.80	18.48	4.37	4.48	4.48	12.78	8.40
28	27.36	39.46	57.96	4.80	27.14	-2.50	0.50	1.00	12.24	2.00
29	19.49	42.37	53.96	5.10	28.71	-5.21	4.40	-4.21	13.49	-1.80
30	9.30	47.83	48.97	5.10	34.01	-7.21	4.81	-7.01	15.83	-5.40
31	3.97	54.91	43.72	5.70	39.02	-7.21	4.81	-7.01	20.66	-6.49
32	-5.87	56.81	38.23	-5.40	40.14	3.13	7.70	-8.02	28.24	-5.47
33	-13.41	58.85	32.59	-4.59	41.07	16.05	7.69	-9.42	27.87	-1.30
34	-19.66	59.50	27.60	-2.70	43.65	19.38	7.30	-10.68	24.63	2.80
35	-22.45	58.76	20.71	-0.80	48.64	19.21	6.98	-9.81	20.47	3.20
36	-21.66	56.78	12.62	0.	52.71	35.22	5.47	-5.25	18.66	4.71
37	-19.60	54.97	7.71	0.00	53.77	39.23	0.10	3.21	16.66	6.41
38	-18.65	51.98	0.60	1.20	53.57	39.24	-2.40	9.58	6.00	7.62
39	-19.55	48.08	-3.91	16.36	40.15	36.28	-2.80	19.42	5.61	9.01
40	-22.49	44.15	-6.58	16.36	40.15	32.48	-2.70	31.17	6.70	9.59
41	-22.92	38.95	-14.98	27.60	31.04	29.47	-2.10	42.06	17.07	9.06
42	-20.57	32.00	-16.59	36.71	20.67	20.25	-1.10	48.87	17.07	9.06
43	-19.17	26.83	-18.15	41.89	16.07	10.46	-0.20	54.94	26.45	6.99
44	-17.44	23.09	-18.86	47.38	10.63	4.67	-0.20	56.79	33.79	5.67
45	-14.98	18.19	-19.47	53.98	7.11	-2.20	-0.70	62.05	40.79	1.80
46	-12.39	15.27	-17.34	58.94	-1.60	-5.40	-1.60	68.79	42.95	0.80
47	-8.97	10.74	-7.75	63.63	-4.90	-5.90	-3.10	63.64	43.96	1.80
48	-7.09	8.39	3.83	65.58	-5.50	-5.49	-4.71	62.04	42.75	2.10
49	-6.19	7.89	14.62	67.45	-5.79	-4.39	-6.31	59.37	38.04	4.50
50	-2.58	7.39	21.72	67.96	-0.67	-3.75	-7.11	57.28	33.52	4.75

NO.	( 6500 )	( 6550 )	( 6600 )	( 6650 )	( 6700 )	( 6750 )	( 6800 )	( 6850 )	( 6900 )	( 6950 )
1	4.99	27.05	17.33	27.29	40.89	-4.20	32.80	29.31	25.87	14.97
2	2.19	30.12	12.73	26.59	59.99	-5.20	33.05	27.74	20.08	23.19
3	-11.16	38.27	12.51	25.89	38.59	-4.39	31.84	26.08	17.58	30.19
4	-16.94	35.42	9.96	24.95	37.09	-2.80	31.52	24.03	15.83	31.53
5	-17.52	35.89	7.96	23.12	55.80	-1.16	31.06	22.70	14.14	33.79
6	-17.76	34.42	5.35	21.46	34.69	1.30	30.09	21.66	4.00	33.47
7	-17.17	33.00	-2.10	19.08	33.65	2.00	28.06	19.43	3.29	33.05
8	-16.51	31.55	-5.11	16.66	32.99	1.40	26.01	17.92	-0.20	29.91
9	-13.28	29.40	-2.99	13.94	32.14	0.70	23.33	15.88	2.60	26.83
10	-7.78	26.51	-4.36	12.66	32.19	-0.00	20.45	7.91	1.30	25.18
11	-5.89	22.49	6.02	14.45	33.19	-0.40	19.63	8.72	1.90	20.50
12	-5.07	21.65	8.86	15.51	34.20	-1.00	16.42	10.01	3.91	18.55
13	0.20	22.15	12.20	17.72	35.50	-1.60	13.29	10.77	5.51	6.95
14	1.10	22.61	15.43	16.12	35.64	-2.10	10.26	17.49	6.92	1.80
15	1.60	22.66	18.01	16.38	33.08	-1.90	4.38	18.88	8.83	0.20
16	0.60	22.25	19.88	15.95	29.68	-1.90	-0.60	21.03	10.74	-0.50
17	-0.00	21.75	24.32	14.91	24.76	-0.40	-4.22	32.95	12.55	0.00
18	-0.60	21.25	26.62	13.16	20.98	0.50	-8.98	39.25	14.08	1.00
19	-1.20	20.66	27.68	12.07	18.47	1.40	-13.60	43.16	19.00	1.90
20	-1.50	19.08	28.10	11.17	12.84	0.90	-8.75	43.04	17.96	-0.00
21	-1.70	16.32	29.83	10.95	8.45	-1.20	-5.88	42.12	20.22	-1.90
22	-1.20	13.25	31.67	9.24	5.38	-3.91	-3.60	41.21	21.56	-3.72
23	1.60	9.24	34.24	17.37	1.90	-6.02	-1.90	36.31	21.81	-10.43
24	2.20	5.86	36.52	20.22	-1.00	-8.94	1.70	33.03	18.95	-16.12
25	3.79	-0.00	40.87	20.68	-2.30	-11.22	8.28	34.57	15.89	-19.93
26	1.50	-4.21	42.32	24.10	-1.60	-11.78	13.97	34.12	13.63	-21.41
27	1.00	6.52	42.31	22.49	0.00	-11.09	18.17	37.65	7.18	-22.20
28	-0.00	9.10	40.50	20.60	2.60	-10.69	23.23	45.19	5.19	-20.14
29	-0.50	-14.69	37.46	18.50	3.40	-10.08	25.12	48.96	3.19	-16.16
30	-0.10	-14.29	31.87	17.00	3.40	-9.17	25.76	50.76	-3.10	-12.06
31	0.50	-11.80	27.31	13.96	3.40	-7.38	24.70	49.82	-4.88	-10.72
32	0.80	-8.42	17.92	13.03	3.10	-5.99	23.22	48.45	-1.50	-3.77
33	-9.51	10.10	10.10	13.88	4.30	-3.20	21.77	45.95	2.81	4.83
34	1.60	-10.11	9.38	13.72	5.00	-2.40	21.58	42.08	8.86	11.32
35	0.10	-10.40	1.50	16.21	5.50	-1.10	22.42	37.06	18.19	11.96
36	3.40	-6.09	-0.00	18.25	6.20	-0.20	23.49	31.46	20.88	10.59
37	4.40	-4.56	1.20	20.33	6.71	4.41	24.28	28.41	22.74	6.18
38	5.11	3.41	3.10	21.76	7.49	6.81	24.91	27.62	23.74	3.19
39	6.55	6.01	4.61	22.24	8.59	8.31	25.93	30.94	22.38	-0.70
40	11.41	7.93	6.92	21.58	5.99	8.91	27.98	31.35	19.65	-2.01
41	11.86	10.45	8.65	20.47	5.09	9.66	28.20	31.15	10.30	-8.86
42	10.58	12.53	12.70	20.26	2.70	12.70	27.00	32.92	6.19	-12.27
43	9.58	13.27	15.53	21.01	1.80	15.43	25.74	35.03	4.80	-17.59
44	8.36	12.58	18.07	22.78	1.10	16.06	24.59	36.59	3.99	-19.84
45	5.90	11.99	19.14	28.41	0.50	17.13	23.09	34.94	2.20	-15.73
46	5.90	11.64	20.99	31.69	1.30	19.56	22.34	33.56	0.00	-12.37
47	6.11	12.94	22.93	40.20	2.00	21.52	23.77	32.13	3.20	-5.58
48	7.80	14.02	24.46	41.90	1.40	22.85	25.83	30.56	4.21	-2.10
49	13.28	14.44	27.67	42.17	0.60	24.68	26.89	29.38	6.86	-1.60
50	21.45	14.87	27.48	41.51	-1.96	29.57	28.36	27.97	10.81	-0.90

RECORDS=252  
DATE AND TIME=1968. 5.16. 9.49

COMPONENT=N-S  
SIGNAL=GR.AUC.  
CORRECTION=ARC.ERR.  
TOTAL NUMBER OF DATA=11900

STATION=HACHINOHNE-S  
TOTAL NUMBER OF DATA=11900

FORMAT NO.=501  
CURRECTION=ARC.ERR.  
TOTAL NUMBER OF DATA=11900

RECORD=S-252      COMPONENT=N-S      SIGNAL=FGR.ACC.      CORRECTION=ARC.ERR.      STATION=HACHINOHE-TS  
DATE AND TIME=1968. 5.16. 9.49      SAMPLING INTERVAL= 0.0101SEC      FORMAT NO.=301      TOTAL NUMBER OF DATA=11900

NO.	( 7000 )	( 7050 )	( 7100 )	( 7150 )	( 7200 )	( 7250 )	( 7300 )	( 7350 )	( 7400 )	( 7450 )
1	-0.20	16.49	51.17	27.21	18.20	0.40	-14.80	17.39	46.59	-5.82
2	-2.40	18.28	29.58	21.75	18.57	2.20	-18.91	20.51	46.56	5.17
3	-4.81	22.01	28.05	19.42	20.84	5.60	-20.55	24.90	46.77	18.43
4	-6.42	23.09	26.50	18.43	24.44	5.90	-23.80	26.27	48.30	27.52
5	-8.41	23.68	21.75	17.51	25.44	6.51	-32.94	25.61	50.32	26.67
6	-8.98	22.69	19.32	17.62	28.50	7.21	-21.50	25.62	51.90	24.24
7	-7.83	21.50	16.90	17.90	29.59	7.81	-19.58	22.26	52.50	24.10
8	-2.79	18.75	10.72	17.98	51.75	8.60	-18.15	18.48	52.50	27.01
9	5.32	17.94	7.38	19.19	34.80	10.69	-17.55	15.93	52.15	33.10
10	8.55	15.56	5.26	20.30	37.74	14.22	-18.43	11.17	49.84	40.46
11	18.04	11.05	-1.90	20.24	40.57	14.66	-20.20	9.90	44.23	44.93
12	21.73	9.25	-5.81	19.48	41.99	13.69	-21.42	10.02	38.95	48.91
13	26.81	6.57	-7.75	17.77	42.19	11.03	-22.62	15.71	31.92	50.32
14	29.10	3.19	-11.82	13.06	41.63	8.58	-23.71	18.29	27.46	46.82
15	29.10	0.60	-12.40	9.45	40.04	7.38	-24.78	22.05	40.25	40.25
16	29.10	-0.00	-12.29	6.97	36.86	5.70	-26.90	33.04	17.05	32.15
17	28.94	-0.40	-11.76	4.19	32.95	5.22	-29.61	39.54	13.13	25.94
18	27.33	-0.90	-7.27	1.90	30.44	8.04	-32.72	42.65	11.29	16.64
19	22.63	-1.70	-4.86	1.10	28.84	18.12	-35.69	45.74	10.90	4.94
20	21.12	-2.00	0.92	3.41	28.00	22.72	-35.03	48.40	17.09	-2.65
21	20.66	-1.70	9.59	6.11	27.75	25.28	-33.50	48.95	13.62	-14.15
22	19.90	-1.50	14.38	7.45	29.33	27.41	-30.69	49.00	29.78	-14.38
23	20.06	-0.40	16.20	12.03	31.59	28.17	-25.19	48.21	37.61	-13.76
24	22.09	3.01	16.13	16.11	33.38	29.11	-20.41	45.87	45.27	-10.29
25	24.84	5.91	14.68	18.73	37.59	29.94	-17.21	43.01	50.13	-5.65
26	26.40	7.88	10.08	28.34	36.34	26.98	-12.82	39.28	54.55	1.90
27	26.50	13.59	4.87	33.94	33.93	19.70	-8.00	33.48	55.97	5.61
28	27.02	15.90	-1.10	41.70	31.79	11.91	-7.90	27.69	56.61	7.60
29	26.45	17.78	-8.13	49.32	28.95	8.99	-8.00	18.63	53.49	7.59
30	23.22	20.92	-9.94	54.96	26.68	8.18	-7.89	9.43	50.43	6.79
31	22.49	27.97	-11.70	57.43	20.16	6.58	-7.49	0.80	44.43	5.30
32	19.79	29.22	-11.61	61.60	16.56	4.09	-6.49	-3.41	38.83	4.50
33	18.16	32.19	-8.46	63.52	10.07	0.20	-5.69	-3.23	32.97	5.46
34	12.29	37.71	-6.14	60.28	17.61	-2.70	-4.48	-10.43	28.70	14.15
35	9.05	41.86	1.60	55.60	22.64	3.30	-1.30	-15.82	22.42	15.52
36	6.39	44.74	5.60	49.58	29.64	-12.00	3.81	-18.06	16.51	15.56
37	4.88	49.30	6.26	43.40	35.96	-15.03	5.76	-19.01	11.76	14.77
38	0.80	51.64	13.46	37.71	41.97	-15.62	14.03	-20.34	7.27	14.24
39	0.00	53.35	20.46	30.76	45.88	-15.94	14.77	-20.72	4.58	15.18
40	0.60	55.48	26.37	21.10	48.10	-8.94	14.15	-19.60	0.70	16.97
41	1.90	57.95	28.26	17.94	46.56	-5.54	12.85	-15.64	-3.70	21.97
42	4.30	59.05	30.41	14.34	41.25	3.50	8.77	-5.78	-4.82	31.75
43	4.20	58.40	33.39	13.05	33.48	5.32	6.77	-2.89	-9.68	38.12
44	4.20	56.53	37.71	13.79	27.92	8.14	3.90	5.17	-13.87	40.39
45	4.10	53.42	38.29	13.82	20.60	11.10	2.60	18.01	-15.53	39.47
46	4.00	48.74	38.47	16.26	15.22	11.05	1.60	28.42	-18.12	37.85
47	3.90	44.24	38.24	17.26	7.95	9.20	2.50	35.37	-19.87	36.40
48	4.31	40.00	34.99	18.20	3.99	3.88	3.11	41.22	-21.46	35.66
49	7.45	35.17	34.13	18.20	0.40	-1.60	5.66	42.25	-18.70	34.87
50	12.06	33.14	30.82	18.20	0.40	-8.12	11.61	45.12	-12.52	33.88

RECORDS=252 DATE AND TIME=1968. 5.16. 9.49	COMPONENT=N=S	SAMPLING INTERVAL= 0.010(SEC)	CORRECTION=ARC,ERR, FORMAT NO.=301	STATION=MACHINOHES TOTAL NUMBER OF DATA=11900						
NO.	( 7500)	( 7550)	( 7600)	( 7650)	( 7700)	( 7750)	( 7800)	( 7850)	( 7900)	( 7950)
1	32.65	39.76	-0.00	65.93	17.03	16.00	31.88	-19.50	42.41	5.01
2	29.20	48.13	-0.40	78.26	17.53	10.77	38.11	-17.08	25.74	7.03
3	21.55	50.04	-1.20	81.88	18.55	9.38	37.23	-13.55	14.88	9.53
4	19.25	48.55	-3.20	83.09	24.48	8.57	35.00	-9.74	4.56	11.29
5	10.27	46.08	-4.10	81.65	27.31	6.18	31.51	-2.29	-4.21	10.78
6	4.66	42.55	-3.50	78.52	28.81	3.40	28.16	-7.64	9.78	9.78
7	-0.31	37.51	-1.60	75.65	30.27	1.70	23.19	19.20	-10.56	8.98
8	-7.93	29.00	-3.21	71.38	28.06	3.10	19.60	31.71	-12.86	7.89
9	-9.83	20.30	-5.50	65.36	25.55	3.21	14.75	37.32	-11.79	7.29
10	-11.31	18.16	-6.01	55.66	21.65	6.01	7.63	41.45	-11.32	6.79
11	-11.46	17.73	7.19	45.86	19.04	7.42	1.89	43.97	-13.18	5.89
12	-9.95	18.28	15.52	33.47	14.75	9.42	1.89	45.20	-14.72	4.80
13	-6.78	19.39	15.77	15.60	13.86	10.70	13.17	45.20	-15.17	4.10
14	-4.28	20.68	15.34	1.69	15.40	14.86	10.70	49.64	-15.17	4.10
15	-0.20	23.56	11.78	-6.44	19.85	16.83	12.31	56.17	-14.48	3.20
16	1.20	23.83	11.14	-11.27	28.05	21.91	-9.54	63.91	-13.98	2.40
17	4.80	22.31	8.92	-17.85	29.00	23.07	-0.70	64.01	-12.79	2.40
18	4.41	19.54	4.39	-24.03	30.27	24.01	5.35	59.31	5.35	2.80
19	7.35	15.42	2.40	-23.71	32.18	20.83	6.21	53.83	12.50	3.51
20	12.02	13.85	0.50	-21.04	33.26	17.09	7.85	46.94	9.44	5.82
21	15.98	12.58	0.00	-21.57	32.08	15.09	11.44	41.17	6.25	8.37
22	17.86	11.64	1.30	-14.42	29.99	15.09	16.21	36.18	0.30	12.94
23	18.57	2.99	3.51	-12.52	24.60	7.03	16.24	24.74	-5.92	16.56
24	22.30	2.99	7.64	-7.40	20.83	0.20	13.49	8.33	-8.28	15.85
25	25.77	-0.80	10.85	7.20	7.20	-5.01	10.74	3.98	-6.79	14.86
26	26.11	0.00	12.86	11.70	-1.70	-7.72	8.38	-1.90	-5.84	12.06
27	25.66	0.60	11.66	11.51	-7.79	-9.01	6.78	-1.80	1.80	10.75
28	25.70	5.22	10.19	19.24	-14.60	4.08	5.20	-9.09	4.01	8.75
29	25.82	8.55	9.77	24.66	-16.79	1.91	5.81	-8.38	6.41	5.49
30	25.12	12.27	8.38	26.87	-18.14	10.37	7.56	-7.29	7.92	4.22
31	22.53	20.88	6.99	25.09	-17.38	21.72	20.22	-5.99	9.12	8.46
32	22.90	28.48	6.50	21.59	-13.78	23.68	24.66	-7.79	10.02	19.52
33	23.76	33.18	6.80	19.37	19.04	22.94	32.51	-3.30	11.08	31.09
34	24.26	31.61	6.80	15.06	39.14	21.52	36.29	-1.90	10.27	37.94
35	24.77	30.60	6.97	4.78	52.31	19.79	38.18	-0.70	8.98	43.20
36	25.07	27.87	5.90	0.60	60.06	18.45	36.10	3.30	7.97	47.70
37	24.11	19.82	2.60	4.00	66.27	16.50	33.24	2.20	5.98	51.41
38	21.72	14.22	5.91	4.81	67.78	14.75	28.90	2.20	5.89	51.39
39	6.79	5.82	5.93	7.83	70.66	13.80	24.25	0.10	-3.10	49.41
40	5.78	4.91	10.22	9.93	73.14	13.80	20.19	-0.00	-0.00	47.45
41	5.32	-6.17	15.46	11.13	73.92	13.76	17.69	-4.00	-4.11	44.27
42	25.19	-14.31	18.91	12.45	73.92	12.77	13.22	-2.60	-5.81	40.55
43	24.41	-15.66	20.43	12.45	72.99	11.65	11.01	-2.60	-6.81	37.81
44	19.20	-15.73	22.01	13.62	68.77	6.54	7.77	23.33	7.48	34.28
45	-13.08	-10.79	23.91	14.23	66.01	-0.00	5.26	7.89	27.55	27.55
46	-4.74	-6.48	25.13	14.81	63.88	-7.11	-0.60	36.15	-5.89	18.51
47	6.65	-3.88	28.09	15.11	62.96	-8.21	-4.51	51.56	-3.90	11.21
48	12.09	1.10	31.57	15.02	52.62	-8.52	-7.83	58.40	-3.40	7.91
49	18.78	2.80	41.61	13.74	40.27	-2.28	10.33	60.31	-1.50	8.88
50	29.32	1.40	50.22	16.39	22.11	15.17	16.11	57.88	-0.80	13.37
							17.98	54.47	2.11	14.50

RECORDS=252  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CURRECTION=ARC.ERR.  
 FORMAT NO.=301  
 STATION=MACHINOHNE\*B  
 TOTAL NUMBER OF DATA=11900

NO.	( 8000)	( 8050)	( 8100)	( 8150)	( 8200)	( 8250)	( 8300)	( 8350)	( 8400)	( 8450)
1	12.68	27.13	22.42	1.20	-5.55	2.20	13.62	18.27	-8.44	5.39
2	17.10	27.88	22.59	3.00	2.60	-0.70	14.03	21.05	-4.37	3.89
3	17.07	26.23	22.50	3.00	4.41	-2.80	14.64	26.42	3.94	1.60
4	15.48	27.87	22.50	3.80	6.20	-5.63	15.52	27.02	15.46	2.80
5	14.40	27.70	22.40	3.90	6.78	-10.62	15.88	26.54	20.82	5.81
6	10.04	28.19	21.39	2.60	4.68	-15.27	15.53	26.10	27.19	7.99
7	7.48	30.70	19.18	0.70	1.00	-16.81	14.11	25.36	29.37	15.24
8	5.80	31.18	16.25	-4.70	1.40	-16.96	9.84	24.35	29.83	16.09
9	5.86	31.51	10.41	5.70	1.90	-16.06	6.97	23.27	50.95	15.37
10	14.27	30.52	6.56	-6.00	0.40	-11.81	3.89	23.08	34.62	15.23
11	18.40	30.44	2.19	-6.51	-2.71	-8.97	1.90	23.97	39.20	12.23
12	24.58	32.73	-3.51	7.00	-6.32	-7.09	1.50	26.13	39.77	9.96
13	33.43	37.68	-9.13	7.17	-8.80	-5.87	3.41	27.45	40.10	8.18
14	39.09	39.33	-9.65	-4.56	-8.91	-1.70	8.01	26.86	40.13	6.50
15	40.52	40.94	-12.22	3.21	-9.61	-0.10	16.30	24.60	38.52	6.15
16	41.71	43.97	-12.63	6.28	-10.19	1.10	28.34	21.82	33.55	12.95
17	42.71	49.94	-10.57	16.01	-9.77	2.50	34.57	20.86	26.94	17.34
18	43.24	53.08	-5.24	18.04	-8.56	3.90	44.35	18.33	18.34	21.54
19	43.42	54.68	4.02	20.58	-5.86	4.81	49.50	15.84	8.71	28.97
20	43.20	56.78	9.63	27.38	-0.80	5.91	51.79	11.14	3.88	35.02
21	39.71	57.40	15.06	28.12	4.64	7.51	51.44	8.77	-5.96	45.47
22	33.07	56.78	17.12	30.43	14.32	8.51	47.77	6.87	-14.36	51.74
23	29.39	53.72	17.44	34.55	19.85	16.04	39.82	4.00	-20.05	54.20
24	27.93	48.70	17.89	39.11	27.44	22.46	29.23	3.50	-21.42	56.08
25	27.65	41.87	16.00	41.71	32.72	28.63	19.61	3.22	-19.30	57.55
26	27.98	34.96	9.02	43.50	40.02	32.40	8.63	8.51	-13.24	57.90
27	28.77	32.12	4.46	47.69	41.80	40.80	-1.60	15.87	-6.54	58.26
28	30.78	31.42	-4.32	51.70	42.90	44.33	5.71	21.38	-0.10	57.21
29	31.97	32.16	-8.43	56.45	45.91	49.01	-6.61	29.57	4.80	54.96
30	32.90	36.07	-10.43	58.56	49.55	54.10	-7.71	36.77	4.70	52.47
31	29.09	36.33	-11.00	50.02	52.09	55.93	-8.23	44.76	3.68	58.15
32	21.03	34.40	-11.55	44.70	53.53	57.31	-3.48	50.23	*2.20	58.04
33	15.95	28.30	-9.59	38.58	54.18	57.99	4.05	53.08	-6.16	63.85
34	6.51	19.20	-9.37	30.25	52.03	58.61	16.90	53.26	-13.89	65.70
35	-3.20	7.78	-7.95	21.19	47.11	58.95	20.06	53.79	-18.68	65.89
36	-2.40	-0.90	-4.38	16.97	42.09	56.28	20.63	40.73	-22.51	59.40
37	-2.93	-7.41	-0.70	11.92	37.54	57.25	19.50	32.50	-25.94	40.50
38	3.33	-16.46	0.10	9.24	30.60	53.51	14.73	26.07	-25.83	40.50
39	14.74	-20.84	-0.00	5.90	21.59	47.68	9.06	17.63	-22.96	29.30
40	22.68	-21.90	-0.00	5.60	17.77	40.60	6.77	6.97	-17.79	16.67
41	37.05	-18.46	-3.51	4.89	15.72	33.00	3.98	5.08	-15.82	5.32
42	46.66	-7.83	-5.81	3.19	12.40	28.17	-1.80	-20.07	-9.11	-7.63
43	51.99	4.45	-2.31	12.59	12.59	21.93	-6.71	-30.57	-4.27	-13.72
44	51.69	16.87	-7.76	15.35	19.48	19.48	-7.84	-38.76	3.41	-29.32
45	50.22	23.13	-13.71	-12.01	18.23	18.06	-10.49	-45.47	7.41	-36.13
46	47.25	27.93	-16.98	-12.20	18.60	17.45	-9.78	-47.70	8.63	-39.47
47	42.80	27.50	-13.57	-11.19	18.54	16.30	-4.18	-45.90	10.30	-39.79
48	37.69	26.67	-10.16	-11.84	17.37	14.58	2.21	-39.99	10.29	-36.10
49	32.66	24.67	-8.32	-9.97	14.00	14.10	7.40	-30.55	9.75	-28.98
50	29.75	23.46	-6.56	-7.77	6.59	15.84	12.93	-19.38	7.57	-16.10

NO.	COMPONENT=N-S					SIGNAL=GR,ACC.					CORRECTION=W,ERR.					STATION=HACH,HOME=B				
	( 8500)	( 8550)	( 8600)	( 8650)	( 8700)	( 8750)	( 8800)	( 8850)	( 8900)	( 8950)	( 8500)	( 8550)	( 8600)	( 8650)	( 8700)	( 8750)	( 8800)	( 8850)	( 8900)	( 8950)
1	-4.65	20.69	47.54	-6.29	3.87	56.36	3.50	14.88	22.35	-3.60										
2	6.0C	19.47	44.77	-5.19	-5.22	58.82	2.50	16.53	29.74	-2.30										
3	18.97	17.89	41.46	-3.60	9.44	57.90	-0.80	18.65	31.96	1.60										
4	23.30	16.35	38.89	-3.10	-16.87	55.22	-3.70	19.33	35.58	2.10										
5	22.96	15.54	28.87	-3.60	-25.19	51.44	-2.60	19.86	37.75	4.41										
6	26.78	16.44	20.27	-4.00	-33.03	46.15	-2.30	21.66	36.91	5.81										
7	28.83	24.60	12.61	-4.40	-33.07	39.91	-1.80	22.27	35.46	7.62										
8	34.25	24.60	7.28	-5.10	-28.63	33.60	-1.20	23.01	34.62	9.24										
9	37.59	27.76	5.18	-5.50	-22.65	27.04	3.90	23.80	33.95	11.47										
10	40.01	30.70	1.40	-5.09	-14.45	20.03	4.40	22.99	32.11	13.97										
11	34.80	42.66	-2.70	-8.09	16.97	16.97	5.00	22.01	25.70	17.94										
12	26.26	50.13	-7.43	-0.20	8.99	13.29	5.60	21.30	16.58	18.84										
13	14.77	58.84	-9.76	2.31	20.26	10.35	5.99	22.31	12.97	23.83										
14	11.93	63.79	-12.67	6.93	29.94	8.51	4.99	23.53	12.27	30.43										
15	3.27	64.30	-11.83	10.33	34.72	8.81	3.89	26.27	11.49	33.50										
16	-0.96	64.30	-9.56	15.91	37.04	9.31	0.40	28.03	11.17	36.69										
17	-12.79	62.95	-7.58	17.93	37.11	9.69	-4.00	28.97	9.86	41.56										
18	-9.62	60.51	-5.68	18.56	34.03	8.47	-6.82	27.77	7.99	46.77										
19	-2.46	58.03	-2.69	21.09	29.16	6.48	-9.26	26.96	6.89	52.96										
20	0.00	55.16	4.82	29.43	22.48	4.50	-12.46	26.10	6.39	55.45										
21	5.74	54.88	8.32	32.22	16.69	4.50	14.10	25.43	5.79	56.27										
22	12.00	56.22	16.32	32.21	12.96	3.90	14.00	24.93	5.10	56.88										
23	18.04	59.58	20.04	32.01	11.96	3.30	11.63	24.42	4.30	57.52										
24	13.42	59.35	21.36	32.49	14.03	4.31	-11.63	24.02	4.80	51.19										
25	19.08	56.11	29.51	32.64	17.40	7.13	-9.27	25.40	5.20	45.84										
26	21.27	52.36	29.91	32.01	17.40	10.04	-7.69	28.69	5.60	44.93										
27	21.55	48.56	30.17	30.17	18.83	16.61	-6.88	30.04	6.21	43.03										
28	18.17	40.76	27.35	22.12	17.77	22.05	-4.89	32.05	6.95	40.01										
29	14.78	28.07	17.69	17.85	15.79	27.25	-3.90	32.24	11.63	35.14										
30	8.11	14.15	14.31	15.63	13.83	30.10	-3.60	30.88	16.28	26.58										
31	-2.00	6.47	5.86	12.54	13.83	33.51	-4.50	30.05	21.51	20.54										
32	-6.51	6.52	-0.00	10.96	12.18	37.11	-5.10	27.82	27.57	16.29										
33	-6.01	9.07	-2.50	13.40	11.49	37.85	-5.83	23.40	30.36	6.24										
34	-0.69	12.77	-5.70	18.79	10.98	34.48	-9.65	19.33	29.86	-0.60										
35	-0.10	14.85	-2.50	22.97	9.27	30.70	-12.39	15.72	28.89	-4.33										
36	-2.69	15.92	0.00	26.27	7.88	29.53	-15.10	7.17	28.74	-10.90										
37	-4.90	16.14	1.50	34.47	6.09	27.74	-15.10	4.28	27.05	-15.19										
38	-4.17	15.15	0.90	41.06	4.50	25.91	-15.10	0.20	24.26	-25.12										
39	3.21	14.14	-0.90	44.84	5.11	22.81	-15.04	-1.00	21.80	-29.99										
40	5.81	12.87	-2.00	50.41	7.46	21.06	-13.93	-2.50	20.57	-50.68										
41	6.81	12.02	-5.50	49.91	12.22	18.81	-14.46	-4.60	18.82	-28.24										
42	7.81	12.62	-4.70	46.76	16.12	16.05	-11.88	-5.21	16.91	-25.68										
43	8.95	13.38	-5.20	44.10	18.24	13.27	-7.16	-7.42	10.91	-19.70										
44	12.05	15.59	-5.80	44.10	20.83	9.86	-3.39	-8.71	4.09	-8.94										
45	16.77	18.14	-6.31	42.29	28.64	7.89	-0.60	-9.27	1.90	-5.45										
46	19.73	30.32	-7.11	38.32	33.63	6.79	4.41	-7.71	-0.60	2.00										
47	22.47	33.82	-7.99	35.32	36.63	6.09	7.92	-0.70	-3.91	3.93										
48	23.70	43.93	-7.49	26.03	47.54	4.00	9.23	-5.35	-5.49	12.42										
49	22.19	47.10	-6.89	14.92	52.41	4.05	10.86	13.23	-4.70	16.10										
50							12.87	17.55	-4.15	19.15										

REGOKD=S-252 COMPONENT=N-S SIGNAL=BR.ACC. CURVECTION=ARC.ERR. STATION=HACHINOHES  
 DATE AND TIME=1968. 5.16. 9.49 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=1190

NO.	( 9000)	( 9050)	( 9100)	( 9150)	( 9200)	( 9250)	( 9300)	( 9350)	( 9400)	( 9450)
1	21.93	-1.80	39.85	18.56	-12.82	-21.22	16.43	16.26	2.71	-14.90
2	23.22	-2.50	36.99	16.64	-16.28	-22.05	11.87	19.40	5.95	-12.79
3	19.97	-3.70	36.87	12.39	-19.44	-24.91	7.64	24.19	13.05	-12.62
4	14.15	-4.40	28.57	6.24	-20.75	-26.65	2.59	25.28	14.46	-13.22
5	10.65	-5.32	20.06	-0.50	-17.95	-28.76	-1.60	23.73	13.56	-13.72
6	8.55	-9.03	17.06	-4.72	-16.23	-29.61	-4.51	22.41	9.91	-14.22
7	5.09	-11.17	14.03	-8.12	-11.24	-27.28	-6.67	21.58	1.40	-14.72
8	3.40	-17.65	5.56	-9.82	-5.38	-22.19	-3.89	20.40	-5.94	-15.13
9	2.50	-19.78	0.80	-10.92	-2.00	-11.29	-0.70	19.19	-11.55	-15.61
10	1.20	-20.45	-2.70	-10.92	-2.00	-7.20	0.50	16.59	-12.98	-13.91
11	2.00	-17.76	-5.72	-10.87	-3.61	1.60	2.60	14.67	-9.82	-11.68
12	2.70	-15.74	-8.85	-5.65	-7.12	6.46	1.00	14.02	-6.06	-11.08
13	3.20	-14.27	-11.96	-1.40	-9.46	15.25	-1.30	12.15	-1.20	-10.39
14	3.90	-6.94	-13.92	3.92	-12.69	17.72	-3.11	7.38	2.91	-10.12
15	9.10	-1.10	-16.66	10.62	-15.47	26.65	-6.73	6.09	9.45	-11.01
16	1.70	5.81	-17.13	11.48	-18.95	26.77	-9.83	4.78	12.20	-11.41
17	-1.60	7.92	-19.97	10.68	-21.89	24.02	-11.14	0.00	15.31	-11.92
18	-2.40	16.88	-4.17	9.66	-21.60	20.67	-12.56	-5.59	17.11	-12.56
19	-3.40	19.80	3.31	7.58	-19.59	14.20	-11.23	-4.89	14.17	-11.42
20	-4.10	20.96	9.09	5.98	-17.08	7.52	-8.55	-2.99	11.07	-8.66
21	-3.59	21.01	14.86	3.99	-13.72	1.40	-5.36	2.71	2.49	-5.98
22	-1.50	16.09	20.60	2.90	-11.64	-2.10	0.40	9.73	-1.30	-3.10
23	-0.80	12.44	21.64	1.00	-9.42	-5.31	8.71	16.64	-8.44	-2.00
24	-0.20	10.68	21.95	-0.10	-5.16	-7.68	15.42	24.20	-11.15	-2.60
25	0.00	9.78	21.43	0.70	-1.50	-5.90	19.67	29.88	-13.03	-3.70
26	-1.50	9.01	20.49	6.26	3.90	-5.29	20.34	37.19	-13.68	-4.71
27	-2.70	9.71	17.92	14.06	4.60	-3.60	18.53	40.98	-12.11	-7.02
28	-5.83	10.42	16.03	22.65	3.50	-3.10	16.24	43.58	-9.11	-9.11
29	-9.71	11.32	14.83	27.42	2.40	-2.50	13.18	42.24	-9.15	-9.61
30	-9.98	12.14	19.36	29.01	1.40	-2.40	4.88	39.08	-6.17	-10.09
31	-8.97	13.54	9.72	28.18	0.50	-3.21	0.10	36.49	-2.00	-8.67
32	-7.09	14.56	5.98	25.53	-0.10	-5.61	-2.91	31.69	2.10	-8.07
33	-5.87	15.62	3.79	21.11	0.20	-6.81	-6.07	24.81	2.50	-6.09
34	-1.70	10.40	-0.70	12.46	0.70	-7.77	-2.70	15.60	2.00	-5.16
35	2.10	6.05	-5.32	2.69	2.50	-5.28	0.10	11.84	-2.00	1.20
36	4.75	0.10	-9.36	-3.93	4.03	-1.20	2.10	9.78	4.31	2.10
37	14.54	-6.61	-7.49	-13.14	11.69	0.20	4.82	8.83	-7.53	1.30
38	22.46	-8.15	-6.38	-22.11	14.65	2.00	9.97	10.73	9.92	2.10
39	30.10	-11.88	-3.69	-24.04	16.11	4.12	13.56	11.82	-11.03	2.50
40	37.87	-11.28	-1.10	-24.80	14.34	8.88	17.77	12.64	-12.18	3.00
41	42.49	-10.16	2.50	-23.01	22.01	13.55	21.55	16.66	-11.69	3.90
42	41.90	0.50	4.86	-18.68	20.16	17.05	21.81	17.34	-11.18	3.20
43	39.06	12.84	15.80	-12.10	17.40	25.78	19.83	13.44	-10.48	2.00
44	34.14	17.15	19.61	-6.07	14.34	29.02	16.74	11.68	-9.71	0.80
45	28.94	25.56	24.16	-2.40	10.66	31.31	14.25	4.38	-10.11	-0.00
46	21.94	29.60	26.33	-1.90	5.16	32.08	13.06	-0.30	-10.72	-1.00
47	13.03	37.57	24.00	-1.60	-2.60	29.96	12.11	-6.19	-11.75	-2.00
48	3.59	39.08	21.95	-2.60	-4.12	27.20	12.31	-4.69	-13.42	-4.41
49	-0.10	41.72	21.36	-5.33	-10.93	23.65	12.78	-2.30	-14.06	-6.02
50	-0.95	40.97	19.47	-9.08	-16.27	20.03	14.48	0.20	-14.52	-7.88

RECORD=S-252      COMPONENT=M-S      SIGNAL=GR,ACC,      CURVECTION=ARC,ERR,      STATION=MACHINOME-S  
 DATE AND TIME=1968, 5.16, 9.49      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA=1900

NO.	( 9250)	( 9250)	( 9250)	( 9650)	( 9700)	( 9750)	( 9800)	( 9850)	( 9900)	( 9950)
1	-9.72	25.04	7.88	-7.70	0.40	2.50	15.74	11.11	15.19	-9.83
2	-10.76	27.18	6.09	-7.69	1.00	4.51	14.55	11.52	14.90	-11.33
3	-13.14	30.38	4.40	-7.19	1.50	5.82	13.31	12.10	14.90	-12.43
4	-14.37	30.56	4.90	-6.16	1.50	8.01	11.00	11.98	14.85	-13.43
5	-18.08	29.91	7.02	-1.70	-3.21	8.80	7.28	11.44	13.77	-14.14
6	-19.36	28.84	7.84	0.00	-7.14	8.49	5.29	9.26	10.72	-12.71
7	-24.65	28.10	10.66	0.90	-10.62	8.08	3.60	6.88	7.56	-10.28
8	-24.81	28.05	12.94	2.20	-11.43	6.48	2.20	5.29	4.39	-9.25
9	-25.58	27.64	14.19	2.70	-12.42	4.69	1.60	4.10	1.90	-8.67
10	-26.15	26.74	16.13	3.90	-13.00	3.50	0.60	2.90	0.10	-7.90
11	-26.41	26.08	18.47	4.10	-12.99	2.00	0.00	2.30	0.10	-7.10
12	-26.61	25.92	19.89	4.40	-12.77	1.50	-0.70	2.00	-5.11	-6.20
13	-26.69	21.56	4.58	4.50	-11.92	1.50	-0.30	2.20	-5.77	-5.20
14	-22.75	13.22	1.00	4.90	-9.47	1.90	1.30	2.50	-1.40	0.50
15	-21.66	14.45	-3.80	5.41	-8.07	1.90	1.90	3.20	1.50	-1.10
16	-20.08	11.10	-4.40	6.32	-5.70	2.40	4.01	3.80	4.73	-1.60
17	-19.86	5.59	-0.19	8.21	-5.09	3.71	8.14	4.80	11.70	-2.20
18	-19.25	-1.70	0.50	9.21	-2.80	6.10	10.72	4.80	15.06	-2.80
19	-17.27	-9.53	4.11	9.60	-2.40	6.50	11.61	4.10	16.85	-2.10
20	-13.79	-11.26	7.25	9.77	-2.90	6.50	15.45	3.70	17.21	-1.30
21	-11.08	-13.27	10.50	6.29	-2.90	5.89	18.29	2.50	17.10	0.10
22	-5.09	-12.41	10.30	7.66	-2.30	5.20	19.44	1.40	13.93	2.71
23	0.10	-9.71	10.27	4.29	-2.80	4.69	20.44	-1.30	9.94	6.12
24	2.21	-5.17	8.97	1.00	-3.20	3.40	20.86	-3.40	6.98	8.31
25	10.13	0.40	7.48	-0.00	-3.70	2.80	21.50	-3.80	5.40	9.01
26	11.50	1.60	6.00	-6.23	-3.90	2.80	22.48	-2.70	4.90	9.69
27	12.02	8.81	5.50	-9.32	-4.10	3.50	23.94	-1.20	5.00	9.26
28	17.59	9.72	6.11	-10.43	-4.50	4.61	23.94	0.00	4.90	6.98
29	23.76	10.81	7.44	-12.07	-5.51	6.02	23.75	2.11	4.80	4.59
30	28.00	11.21	10.92	-17.50	-6.51	8.92	25.64	9.92	4.90	2.80
31	21.92	11.60	11.81	-18.78	-7.61	10.11	25.90	10.95	4.60	0.90
32	20.86	11.57	12.22	-18.44	-8.71	10.53	25.90	13.01	3.50	-0.60
33	17.31	10.67	12.78	-17.61	-9.12	11.71	25.90	13.19	1.90	-3.70
34	14.43	9.56	12.13	-16.16	-10.53	12.13	25.87	12.59	-0.00	-4.09
35	12.89	7.60	10.07	-13.66	-11.90	13.14	25.69	12.59	-0.90	-1.60
36	9.72	7.21	8.69	-12.75	-11.90	14.16	25.66	2.10	0.20	0.20
37	5.88	8.13	7.91	-11.40	-11.78	15.34	26.00	-1.50	-5.91	2.81
38	3.60	10.05	8.53	-7.85	-10.37	16.64	26.04	-8.15	-7.11	8.76
39	1.80	12.13	10.42	-2.20	-10.87	19.03	26.124	-11.74	-7.80	12.54
40	0.80	13.31	11.42	0.70	-9.07	23.04	25.65	-13.22	-7.80	12.54
41	-0.10	16.52	12.07	1.50	-7.88	24.34	23.22	-13.65	-7.67	13.87
42	-0.40	21.78	11.17	4.10	-5.68	26.51	16.28	-13.65	-5.59	16.94
43	-0.40	23.39	9.95	4.50	-3.50	28.57	12.46	-12.50	-3.39	17.59
44	-0.40	23.31	7.88	3.20	-2.80	29.78	5.57	-7.57	-0.90	17.37
45	0.60	23.33	5.89	2.90	-1.80	30.00	1.80	-5.40	0.50	16.88
46	2.61	22.60	3.90	1.00	-1.50	29.51	0.80	-4.69	2.50	16.58
47	10.17	20.64	2.80	-0.00	-0.80	27.61	-1.00	-3.20	4.90	16.25
48	13.69	16.78	2.29	0.80	0.20	25.19	-1.20	-3.40	5.41	15.02
49	20.86	13.29	-3.51	0.70	1.40	22.17	1.80	-4.71	6.71	17.70
50	22.94	10.58	-5.52	-0.15	1.65	18.93	6.51	5.52	-1.67	7.40

RECORD=S-252      COMPONENT=N-S      SIGNAL=GR.ACC.      CORRECTION=ARC.ERR.      STATION=MACHINHOE=8  
 DATE AND TIME=1968. 5.16. 9.49      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=3001      TOTAL NUMBER OF DATA=1900

NO.	(10000)	(10050)	(10100)	(10150)	(10200)	(10250)	(10300)	(10350)	(10400)	(10450)
1	7.09	8.89	8.19	6.00	15.91	5.79	-0.10	-0.20	3.40	4.40
2	5.69	8.28	7.78	6.49	12.97	-4.28	-1.40	-2.80	2.80	4.61
3	6.69	6.89	6.60	5.89	11.73	-0.30	0.90	-4.60	1.00	5.80
4	0.80	5.78	6.09	4.09	9.99	1.60	1.40	-5.71	1.90	6.00
5	-0.10	5.60	5.99	2.30	8.71	6.74	4.11	-7.52	2.90	4.90
6	-1.70	8.20	6.50	0.10	9.31	11.25	5.53	-9.38	4.93	4.00
7	-4.41	2.60	2.70	-2.51	9.81	13.05	9.73	-8.58	10.05	3.40
8	-6.51	1.40	0.40	-7.72	10.50	14.59	11.02	-7.18	12.36	2.30
9	-7.71	1.00	-3.30	-9.35	10.46	20.73	11.71	-5.68	14.14	1.60
10	-8.39	0.50	-4.51	-11.81	8.75	21.96	12.08	-3.50	15.05	0.70
11	-7.68	-0.40	-6.29	-12.31	5.96	21.48	11.37	-1.70	16.03	0.30
12	-6.39	-1.70	-5.59	-13.65	0.90	20.20	10.58	0.80	14.66	-0.60
13	-4.96	-3.51	-3.49	-18.02	-6.64	17.74	9.47	1.90	11.70	-1.20
14	-1.90	-6.41	0.30	-19.58	-11.23	12.48	8.09	3.60	8.26	-1.70
15	4.31	-8.11	4.01	-17.97	-13.23	6.06	7.61	5.21	5.39	-2.50
16	7.26	-9.11	7.95	-14.63	-13.85	1.60	8.21	6.11	3.40	3.30
17	12.82	-9.69	11.59	-10.94	-12.47	-2.51	8.63	7.21	2.80	-3.90
18	16.30	-9.09	14.02	-8.38	-8.62	-7.23	10.64	8.21	2.80	-4.40
19	17.87	-8.49	17.26	-6.60	-5.88	-12.07	12.31	9.22	2.80	-3.90
20	17.34	-8.09	18.05	3.92	2.90	-17.72	12.53	10.32	2.50	-3.40
21	16.35	-7.69	17.66	10.96	4.11	-22.19	13.42	11.01	2.00	-2.90
22	15.55	-7.30	16.63	16.64	5.71	-23.06	13.78	11.32	1.20	-1.90
23	14.57	-6.90	15.36	17.10	6.89	-23.35	13.16	12.08	0.30	-1.40
24	14.01	-6.60	12.63	20.02	5.79	-22.02	11.95	11.35	-0.40	-0.40
25	16.70	-6.60	10.44	19.11	4.09	-20.24	10.28	9.44	-1.20	0.60
26	18.45	-6.60	9.79	17.85	2.50	-14.33	9.16	6.49	-1.90	1.00
27	20.34	-6.40	1.60	15.67	1.60	-12.57	8.29	5.78	-3.00	-0.30
28	19.59	-5.90	-1.00	13.22	9.40	-5.85	7.79	2.59	-4.00	-2.10
29	18.15	-5.80	-2.81	10.98	-0.90	1.00	6.91	-1.90	-4.60	-6.02
30	15.94	-5.59	-5.92	6.46	-1.80	4.84	7.81	-2.30	-4.20	-8.03
31	13.13	-4.09	-6.51	1.70	-0.80	12.00	8.52	-1.70	-3.50	-9.82
32	11.18	-2.10	-8.21	-2.60	-0.10	15.44	9.51	-0.80	-3.50	-10.68
33	6.66	-1.70	-9.71	-5.22	1.60	18.33	9.91	3.91	-3.50	-9.85
34	2.60	-1.00	-10.00	-8.25	2.20	22.65	10.43	7.96	-3.50	-7.68
35	1.00	-0.50	-10.00	-11.75	1.20	23.15	11.58	12.33	-3.90	-6.09
36	-0.30	-1.10	-9.99	-12.78	0.90	23.56	10.97	16.28	-4.20	-5.39
37	-0.70	-1.90	-9.59	-12.08	-0.50	22.27	9.64	18.06	-4.70	-4.49
38	0.40	-2.60	-8.98	-11.32	-1.90	21.94	1.80	22.58	-5.10	-2.40
39	4.02	-3.10	-7.96	-8.42	-6.01	21.26	-0.60	23.25	-5.60	-1.10
40	10.98	-3.80	-4.69	-3.19	-7.51	20.14	-4.20	23.46	-5.99	-0.70
41	14.12	-4.30	-2.10	1.80	-8.22	19.44	-5.40	22.36	-5.29	0.50
42	14.57	-4.00	0.70	3.92	-9.74	18.61	-4.59	21.92	-4.10	1.90
43	16.12	-3.60	3.50	9.40	-11.92	17.26	-3.40	20.99	-3.80	4.62
44	16.48	-2.90	5.71	15.04	-12.44	15.70	-2.40	20.99	-3.80	9.64
45	16.07	-2.20	7.29	19.89	-10.77	11.23	1.20	16.41	-0.40	11.36
46	15.56	1.30	6.19	21.94	-9.58	8.69	3.20	14.86	0.30	13.42
47	14.74	3.20	5.30	21.64	-8.79	8.17	3.90	13.95	0.90	16.40
48	13.40	4.31	4.60	20.74	-8.19	6.08	4.80	12.76	2.60	18.18
49	10.77	7.22	4.80	19.91	-7.159	3.99	4.68	8.89	3.30	19.33
50	9.85	7.71	5.40	17.96	-6.69	1.95	2.24	6.12	3.85	18.55

NO.	(10500)	(10550)	(10600)	(10650)	(10700)	(10750)	(10800)	(10850)	(10900)	(10950)
1	17.66	+2.00	21.35	0.10	2.50	-1.70	-0.60	7.72	2.40	1.50
2	14.21	+3.60	20.65	1.60	1.80	0.00	0.50	9.03	1.40	+0.40
3	12.04	-4.40	16.00	4.61	0.70	2.51	1.20	10.72	1.40	+3.71
4	4.08	-5.80	16.43	6.82	0.50	8.42	4.41	11.63	1.40	+6.70
5	-1.00	+6.01	13.43	8.92	-0.50	9.83	7.20	12.86	3.70	+7.20
6	-6.73	-7.31	9.17	9.80	-1.10	11.23	7.20	14.43	5.31	+7.19
7	+9.34	-8.00	7.76	10.00	-2.40	12.62	7.19	15.03	7.80	+6.19
8	+11.22	-7.91	4.50	10.20	-3.40	12.89	5.89	15.58	7.30	-5.09
9	+11.83	+8.61	3.50	10.09	-3.70	12.69	4.69	15.19	7.50	-3.00
10	+8.96	+9.40	2.20	9.79	-3.90	12.27	3.00	14.86	7.50	-0.40
11	+6.96	+9.40	1.90	9.24	-4.20	11.16	1.20	14.02	7.50	0.10
12	+1.20	-8.79	1.90	6.10	-4.70	6.08	-0.80	12.28	7.50	2.00
13	1.91	+8.09	2.60	5.80	-4.10	3.50	-4.70	11.58	7.50	3.20
14	4.29	+8.09	4.21	5.50	-4.10	2.80	-5.50	10.78	7.50	3.40
15	14.36	7.59	6.01	4.80	-4.10	1.50	-5.70	10.09	7.50	3.70
16	15.74	-6.37	7.31	4.80	-3.90	0.60	-6.40	9.79	7.50	4.10
17	18.57	+3.39	7.90	4.80	-3.70	0.60	-6.80	9.50	7.49	4.71
18	22.04	+1.00	7.59	5.61	-3.70	1.40	-7.21	9.50	6.49	6.94
19	22.40	2.00	6.69	7.72	-3.90	2.80	-7.91	9.61	5.19	10.54
20	22.40	4.12	5.49	9.51	-4.21	5.21	-8.81	10.12	3.49	12.32
21	22.38	10.56	3.79	9.80	-5.91	7.31	-9.73	11.22	0.80	12.86
22	21.94	13.28	1.60	9.80	-7.91	8.50	+11.04	12.04	-0.80	14.57
23	19.44	15.30	-0.10	9.70	-8.22	8.61	+12.53	13.24	-3.50	16.00
24	16.36	17.39	-2.80	9.90	-9.52	9.51	+13.54	14.48	-5.10	15.98
25	14.02	20.13	-2.10	9.90	-10.53	9.70	+14.44	16.37	-5.90	15.53
26	12.00	20.40	-5.20	9.92	-11.71	9.71	+15.27	19.34	-5.90	14.05
27	5.77	20.39	-4.60	10.85	-11.91	10.11	+14.68	21.09	-5.80	10.81
28	1.50	20.14	-3.90	12.12	-12.13	10.66	+14.18	21.91	-5.79	6.76
29	-0.10	18.41	-3.50	12.74	-13.01	12.92	+13.78	22.00	-4.79	2.80
30	-3.20	17.09	-2.50	13.95	-13.90	13.45	+13.16	22.00	-2.60	1.60
31	-4.60	15.27	-2.10	15.03	-13.41	14.86	+12.16	21.85	-1.50	0.30
32	-4.99	12.67	-1.80	15.60	-13.60	16.05	+10.93	20.33	-1.50	-1.10
33	-3.99	11.54	-1.50	15.82	-13.60	16.88	-8.16	18.43	-0.80	-2.60
34	-2.50	8.07	0.60	15.89	-13.60	16.60	-5.09	16.18	-0.20	-3.30
35	-1.00	2.60	1.30	15.80	-13.64	16.58	-2.80	14.03	-0.40	-3.50
36	0.40	1.50	2.30	15.80	-14.52	16.25	-0.10	12.48	-0.60	-3.90
37	0.90	-2.50	3.80	15.79	-15.01	15.35	-0.40	11.79	-1.10	-4.20
38	2.40	-3.20	5.41	15.59	-15.62	14.59	1.50	11.41	-1.40	-3.80
39	4.80	-3.90	6.60	15.51	-16.72	14.19	2.20	11.92	-1.40	-3.30
40	5.00	-3.70	6.30	15.58	-16.03	13.87	4.10	12.55	-1.40	-1.20
41	4.50	+2.30	6.30	15.18	-16.59	13.17	5.31	14.03	0.10	-0.60
42	4.70	+0.70	6.29	14.67	-16.88	12.26	6.90	14.79	0.80	0.10
43	4.30	0.50	5.49	13.94	-15.97	10.87	6.90	14.59	3.31	0.80
44	3.70	7.04	4.40	12.47	-15.47	5.90	6.91	14.27	7.40	1.60
45	2.70	10.69	4.10	11.46	-14.87	5.29	8.30	13.56	7.41	3.60
46	2.40	14.22	3.50	10.04	-14.06	3.89	8.60	12.49	8.00	4.30
47	2.10	16.99	1.80	7.47	-10.96	2.50	8.30	9.16	7.99	5.01
48	2.10	18.55	0.70	5.00	-9.53	1.20	8.10	6.79	7.49	6.09
49	1.20	20.49	0.20	4.10	-8.58	0.10	7.80	5.89	6.48	5.80
50	-0.40	20.95	0.15	3.20	-8.64	-0.25	7.80	4.14	3.99	4.80

RECORD=S-252  
DATE AND TIME=1968. 5.16. 9.49  
COMPONENT=N-S  
SIGNAL=GR.ACC.  
CURVECTION=ARC.ERR.  
STATION=HACHINOHE-S  
TOTAL NUMBER OF DATA=11900

SAMPLING INTERVAL= 0.0101(SEC)  
FORMAT NO.=301

RECORDS=252  
 DATE AND TIME=1966. 5.10. 9.49  
 COMPONENT=N+S  
 SIGNAL=BR.ACC.  
 CORRECTION=ARC.ERR.  
 TOTAL NUMBER OF DATA=11900

NO.	(11000)	(11050)	(11100)	(11150)	(11200)	(11250)	(11300)	(11350)	(11400)	(11450)
1	4.40	11.61	8.71	6.58	-16.05	18.40	4.29	9.70	-19.15	5.51
2	5.40	12.02	9.61	4.88	-15.17	18.40	2.30	9.89	-18.75	6.91
3	2.30	12.48	10.31	0.10	-14.47	18.38	0.80	9.27	-18.03	7.83
4	1.40	11.98	10.77	2.50	-13.88	18.08	0.00	7.79	-17.06	10.42
5	0.20	11.33	9.48	3.42	-13.48	17.79	0.60	7.17	-16.41	10.82
6	-2.70	8.98	8.19	12.23	-12.98	17.69	2.00	4.40	-14.98	11.73
7	-3.80	7.99	7.59	13.24	-12.38	17.46	2.80	3.89	-13.55	12.75
8	-4.50	7.18	6.68	14.46	-11.88	16.88	4.52	1.40	-12.36	14.13
9	-5.41	5.49	4.79	15.13	-11.27	16.38	8.31	-1.30	-11.06	14.73
10	-6.82	4.20	3.69	15.76	-10.18	12.54	9.31	-3.70	-10.20	15.46
11	-9.02	3.70	2.60	15.06	-9.48	7.85	10.08	-4.10	-8.20	16.67
12	-10.24	2.90	2.60	14.26	-8.59	3.99	9.18	-5.30	-6.75	17.63
13	-12.02	2.30	4.01	13.19	-8.09	1.50	8.09	-4.90	7.75	18.45
14	-12.72	2.90	5.61	7.65	-7.58	0.10	7.51	-5.30	11.32	18.95
15	-13.22	4.10	6.40	4.09	-5.99	-1.50	8.11	-5.91	14.16	14.96
16	-13.82	4.50	2.99	-2.00	-4.80	-0.70	9.11	-6.61	14.03	13.91
17	-14.35	5.00	4.99	-2.00	-3.88	0.50	9.92	-7.79	14.68	7.18
18	-15.43	5.41	4.00	6.11	1.50	2.91	10.72	-6.99	14.12	5.29
19	-15.87	6.31	3.20	7.73	3.70	7.73	11.51	-6.09	12.23	3.60
20	-15.36	6.95	2.50	-10.02	4.42	10.33	11.95	-6.40	10.02	2.40
21	-14.57	11.81	2.00	-11.12	8.65	11.51	10.24	-4.60	10.89	1.40
22	-13.88	12.24	1.50	-10.76	13.77	11.28	7.58	-4.10	4.89	2.00
23	-13.47	13.54	1.50	-8.96	15.66	10.57	6.09	-3.60	2.60	2.50
24	-12.68	17.09	2.20	-4.78	14.67	9.27	4.30	-2.50	0.40	3.71
25	-12.08	18.60	2.20	0.50	14.08	7.59	3.60	-1.90	-0.40	7.84
26	-11.27	19.75	2.30	0.50	13.57	6.89	4.10	-1.30	-1.10	11.13
27	-8.66	19.11	2.90	0.60	13.28	5.99	5.10	0.00	0.10	9.16
28	-2.40	18.04	3.40	1.60	12.78	5.20	5.10	0.30	1.40	6.68
29	-0.70	17.25	4.10	2.60	12.08	5.20	5.91	0.70	2.30	4.29
30	0.50	16.45	4.30	3.00	11.47	5.90	6.91	1.40	3.30	3.00
31	1.90	15.52	4.30	3.70	10.59	6.51	7.51	1.80	4.10	1.00
32	3.80	14.07	3.70	2.90	10.08	7.33	8.11	2.20	4.81	-1.00
33	5.21	13.44	2.90	0.60	9.27	9.63	9.01	2.50	6.21	-1.90
34	6.40	11.85	2.00	-1.90	7.66	11.16	9.81	2.00	7.59	-3.10
35	6.91	10.28	1.50	-4.00	3.89	13.46	10.11	1.40	7.01	-4.30
36	8.21	9.48	1.00	-5.01	1.50	14.87	10.43	0.70	6.32	-5.21
37	9.03	8.51	1.30	-6.01	0.90	14.30	11.52	-0.80	9.71	-6.16
38	10.63	9.41	2.10	-7.62	-1.20	16.48	12.22	-2.70	10.28	-1.70
39	12.03	10.14	2.80	-9.02	-2.60	17.65	12.82	-5.51	9.29	-0.50
40	12.92	12.00	3.70	-10.13	-1.10	16.89	13.43	-6.61	8.76	0.10
41	13.65	12.12	4.10	-11.52	1.20	15.15	14.34	-6.61	6.40	1.50
42	14.93	12.59	4.00	-12.09	2.00	14.06	15.33	-7.34	5.89	2.30
43	15.51	12.14	2.30	-11.88	2.70	13.17	15.95	-10.55	5.00	3.00
44	15.57	10.39	1.40	-11.44	4.72	12.28	16.79	-11.92	4.30	2.50
45	15.06	9.89	0.50	-12.83	8.52	11.70	14.91	-12.76	3.69	2.00
46	14.27	9.19	-0.10	-13.76	9.57	11.57	12.93	-13.76	1.20	1.50
47	13.55	8.69	-3.91	-13.26	12.99	10.69	10.83	-14.47	0.40	-0.80
48	12.89	8.20	-6.62	-13.91	15.44	10.28	8.31	-15.95	1.50	-2.70
49	11.98	8.00	-8.49	-16.16	16.31	9.57	6.71	-16.84	2.40	-3.90
50	11.79	8.36	-7.54	-16.10	17.67	6.92	9.21	-17.49	3.96	-3.85

NO.	COMPONENT=N-S					SIGNAL=GR.ACC.					CORRECTION=ARC.ERR.					STATION=HACHINDHEWS				
	(11500)	(11550)	(11600)	(11650)	(11700)	(11750)	(11800)	(11850)	(11900)	(11950)	(11500)	(11550)	(11600)	(11650)	(11700)	(11750)	(11800)	(11850)	(11900)	(11950)
1	-0.80	-2.60	6.10	-3.60	4.10	11.29	10.41	1.80	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	-0.30	-2.70	6.50	-4.20	4.30	14.66	10.70	7.44	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	-1.90	-2.30	6.50	-4.60	4.30	18.16	10.70	10.91	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	-1.70	-1.60	6.09	-3.89	3.60	21.61	10.70	11.30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	-1.50	-0.40	4.69	-1.90	2.30	21.70	10.61	11.26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	-1.10	4.32	3.30	-1.10	0.90	21.62	10.93	9.89	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
7	-1.10	9.25	2.30	0.10	-0.60	20.66	11.99	7.45	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	-1.10	12.13	2.10	1.60	-0.71	18.19	11.81	3.60	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	-1.10	13.23	2.50	2.00	-0.70	16.68	12.11	1.80	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	-1.10	14.13	2.70	2.20	-0.00	14.67	12.43	0.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	-0.70	14.80	3.30	2.50	-0.80	14.04	13.21	-0.80	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	-0.20	14.68	3.60	2.30	-0.50	12.56	13.52	-0.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	0.90	14.17	3.80	2.20	-2.40	11.38	13.89	-0.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	2.00	11.11	0.90	1.90	-2.10	10.80	13.18	-0.20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	3.60	7.87	3.90	1.70	-1.20	10.78	12.68	-0.20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	3.40	5.79	0.50	0.90	0.30	10.06	11.95	-1.10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	3.90	4.30	0.20	-0.20	0.60	8.07	10.30	-2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	6.21	3.60	1.20	-1.10	0.30	6.08	10.30	-4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	7.29	3.20	1.60	-2.10	0.30	4.20	10.09	-5.40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
20	6.80	3.71	0.90	-2.20	0.10	2.90	9.78	-5.20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
21	6.50	5.51	0.70	-2.20	-0.30	2.90	8.86	-5.40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
22	9.09	6.91	0.90	-2.30	-1.10	2.90	8.86	-5.40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	5.19	7.80	2.10	-2.30	-1.60	2.90	8.86	-5.40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	4.00	7.99	3.30	-2.30	-1.80	3.40	8.29	-5.40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	3.70	7.28	4.30	-2.30	-1.80	5.32	5.29	-5.40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	3.90	5.89	4.90	-2.60	-1.70	7.90	4.40	-4.69	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
27	4.40	4.50	5.00	-2.60	-1.70	8.22	4.20	-3.10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
28	2.51	3.70	3.70	-4.30	0.00	9.42	3.80	-1.70	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29	7.73	2.80	3.20	-4.30	0.80	10.52	3.20	0.20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	10.47	2.80	3.20	-5.50	1.50	11.21	2.20	2.10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	16.42	5.23	3.20	-6.20	2.10	11.40	1.80	3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
32	14.09	9.81	4.80	-6.80	2.40	11.41	0.80	4.70	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
33	16.22	10.31	4.10	-6.70	2.60	11.84	0.00	5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
34	18.19	10.91	4.00	-6.39	3.20	13.29	-0.00	4.60	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
35	18.10	11.17	3.40	-5.69	3.40	15.59	-0.70	3.90	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
36	18.10	10.04	3.40	-3.69	3.90	17.26	-1.10	3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
37	18.09	7.45	0.90	-1.70	4.10	18.26	-0.70	-0.40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
38	18.00	3.69	-1.30	0.20	4.70	19.10	0.20	-4.51	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39	17.98	0.20	-1.60	1.60	5.70	20.27	0.40	-8.59	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
40	17.67	-3.61	-1.60	2.10	5.70	19.88	1.20	-8.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
41	17.11	-5.71	-0.40	2.10	5.70	18.52	1.30	-7.31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
42	15.64	-7.21	0.30	2.10	6.00	17.41	1.30	-8.60	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
43	14.55	-7.69	0.80	2.10	5.59	16.01	0.40	-8.59	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
44	13.54	-6.68	1.90	1.80	3.20	14.40	-0.80	-8.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
45	11.98	-4.79	2.50	1.30	1.30	12.17	-5.21	-8.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
46	6.17	-1.90	4.20	1.30	2.10	11.17	-7.21	-8.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
47	6.18	0.00	1.90	1.60	1.90	10.19	-8.31	-7.80	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
48	3.60	0.60	1.30	1.90	2.20	9.90	-8.77	-7.90	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
49	2.50	2.00	0.10	2.40	4.11	10.10	-6.96	-7.90	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
50	-0.05	4.06	-1.75	3.25	7.70	10.35	-0.45	-3.87	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	0.00	2.54	1.78	4.51	2.95	3.29	3.33	1.17	0.50	0.84
2	0.00	2.84	3.28	4.51	3.76	4.19	2.83	1.87	0.11	0.85
3	0.21	2.45	3.29	3.52	4.27	3.50	2.84	2.18	0.61	1.55
4	0.41	1.95	3.19	1.55	5.07	2.90	2.64	2.58	0.62	1.76
5	0.72	2.16	3.49	2.83	5.07	1.91	2.65	2.59	1.02	2.46
6	0.72	1.56	3.10	2.84	5.37	2.31	2.65	2.59	2.53	3.97
7	0.83	0.57	3.60	3.24	4.38	2.62	2.36	3.10	4.13	4.57
8	1.33	1.67	3.33	3.69	3.69	3.62	2.36	3.50	4.14	4.97
9	1.54	3.18	2.91	3.65	3.79	3.93	2.36	3.50	4.14	4.97
10	2.14	4.08	1.62	4.15	4.40	3.93	1.97	3.60	4.14	4.38
11	2.35	4.08	2.42	4.36	4.40	4.43	1.47	3.61	4.15	3.68
12	2.05	2.59	3.33	2.87	3.40	4.14	1.48	3.21	4.45	2.79
13	1.56	1.59	3.53	2.27	2.85	2.85	2.49	3.22	4.66	2.39
14	1.06	1.10	2.94	3.52	1.55	2.99	2.99	3.22	4.96	2.10
15	0.77	1.61	2.54	4.28	3.92	1.55	2.99	3.23	4.67	1.40
16	1.97	3.01	2.45	3.19	4.22	1.66	3.50	3.23	4.97	1.51
17	2.78	2.61	3.05	3.39	4.43	1.97	3.60	3.24	4.98	1.71
18	2.98	2.42	2.76	3.20	4.13	1.97	3.50	2.04	4.88	2.12
19	2.99	2.62	3.33	3.74	3.74	2.67	3.51	1.85	4.38	2.22
20	2.69	3.33	2.97	3.70	3.04	2.68	3.51	1.85	3.99	2.33
21	2.29	3.93	3.47	3.50	3.04	1.78	3.52	1.26	3.59	2.63
22	1.80	3.74	3.98	3.20	2.15	1.59	3.62	3.26	3.11	2.84
23	1.81	3.24	2.98	3.52	1.05	1.09	3.53	4.27	3.11	3.04
24	2.61	2.95	2.99	2.82	1.06	1.30	3.53	4.27	3.31	2.95
25	3.01	2.95	1.59	1.96	1.66	2.30	3.64	4.98	4.02	3.65
26	3.32	2.46	1.59	1.96	1.77	3.01	3.64	4.98	4.42	4.16
27	2.52	2.56	2.20	1.23	2.77	3.21	3.64	4.48	4.42	4.66
28	2.83	2.56	2.20	0.84	3.08	3.91	2.45	3.99	4.43	4.67
29	2.83	3.07	3.40	0.54	3.08	3.82	1.86	3.49	4.63	5.07
30	2.84	2.28	3.52	1.85	3.82	3.82	1.86	2.80	4.74	5.07
31	2.84	1.78	3.52	2.22	2.69	3.83	2.17	2.40	4.34	4.68
32	2.45	1.78	4.12	3.26	1.10	2.84	2.77	1.91	3.85	4.09
33	1.95	3.19	3.43	3.97	1.80	2.84	2.98	1.81	3.05	4.19
34	1.96	3.69	3.13	3.97	1.90	2.54	2.68	2.02	2.36	4.20
35	1.26	1.90	2.94	0.11	1.95	1.95	2.28	3.25	1.86	4.20
36	1.07	1.20	1.84	4.68	0.11	1.55	1.49	3.66	2.07	3.80
37	0.87	0.61	1.64	4.68	-0.58	1.56	1.50	3.93	3.37	3.41
38	2.08	0.31	0.45	4.69	0.42	2.86	1.20	4.34	4.18	4.01
39	3.08	0.72	0.66	3.19	1.23	3.57	1.01	4.34	4.18	4.02
40	3.29	1.02	2.46	3.89	2.03	3.87	2.71	4.35	4.19	3.92
41	2.99	1.43	2.46	5.20	2.44	3.88	2.71	4.55	4.89	3.93
42	4.10	1.93	4.27	6.20	3.04	3.88	3.02	4.56	4.90	3.93
43	4.10	1.84	4.97	5.71	3.55	3.69	2.72	4.36	5.20	3.14
44	3.80	1.84	4.17	6.21	4.35	3.69	2.73	4.17	5.30	2.44
45	3.41	1.54	3.68	6.21	3.96	3.50	2.73	4.17	5.30	2.15
46	2.41	2.25	3.68	5.72	3.46	3.50	3.04	4.38	3.81	2.85
47	1.02	3.16	4.00	4.92	2.87	3.51	3.34	4.18	3.22	3.36
48	0.42	3.36	4.20	4.23	2.47	3.71	3.45	4.28	2.42	3.96
49	0.43	2.87	4.70	4.24	3.08	3.71	2.75	3.89	2.13	4.17
50	1.48	2.32	4.61	3.60	3.99	3.72	2.36	2.19	1.63	4.07
						3.52	1.76	1.35	1.24	4.08

RECORD=S-252  
DATE AND TIME=1968. 5.16. 9.49

COMPONENT=S-H  
SIGNAL=GR,AUC.  
CURRENT=ARCERR,  
FORMAT NO.=301

STATION=HACHTMOHE-S  
TOTAL NUMBER OF DATA=11900

NO.	( 500)	( 550)	( 600)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	4.08	4.82	2.86	7.50	1.43	1.77	5.71	-0.65	1.79	1.52
2	3.78	5.22	2.26	7.49	2.54	1.88	5.71	-0.15	1.79	1.93
3	3.39	4.93	1.67	6.80	4.15	2.98	5.43	2.06	3.50	3.33
4	2.39	5.34	1.67	6.11	5.04	3.49	6.42	2.46	4.80	3.44
5	2.10	5.94	2.58	6.11	3.95	3.89	6.03	3.87	5.31	3.94
6	2.71	6.35	4.08	5.11	3.96	3.80	6.03	4.07	5.81	4.45
7	4.21	6.85	5.08	4.52	4.96	3.80	5.63	4.38	5.81	4.65
8	5.51	7.36	4.79	3.53	5.26	3.60	4.84	4.38	5.72	5.06
9	4.22	7.65	5.19	2.43	4.67	3.21	3.95	4.29	5.82	5.06
10	3.62	7.25	4.70	2.24	4.27	2.82	3.75	4.29	5.82	5.06
11	3.63	6.46	4.21	2.24	3.28	2.82	3.86	4.30	5.73	5.07
12	2.53	5.87	4.51	1.55	2.28	3.82	3.77	4.30	5.73	5.07
13	3.04	5.18	4.91	2.45	1.49	4.03	5.37	3.90	5.85	3.78
14	3.75	4.98	4.92	3.96	1.50	3.75	5.67	3.51	6.15	3.08
15	4.75	4.48	4.92	3.66	1.50	3.74	5.68	3.12	6.25	2.59
16	2.55	3.29	4.56	3.67	2.31	3.64	5.68	3.52	6.46	1.79
17	4.85	3.50	4.13	3.17	2.91	3.15	5.38	4.12	6.56	1.00
18	4.36	4.10	3.54	3.18	3.92	3.15	4.99	4.33	6.27	0.80
19	4.87	4.10	2.94	3.48	4.22	2.16	4.39	4.94	6.17	0.31
20	4.97	4.11	2.45	3.99	3.62	2.66	3.90	5.44	5.77	-0.13
21	4.88	4.42	1.65	3.99	3.63	3.17	3.41	5.94	5.28	-0.18
22	3.28	4.72	1.16	3.40	3.43	3.67	3.81	6.15	4.79	3.13
23	4.88	5.23	1.26	4.50	2.34	4.08	3.92	5.95	5.29	3.83
24	4.29	5.52	1.97	5.31	2.94	4.48	4.62	5.55	6.00	4.33
25	4.99	4.93	2.57	5.80	3.65	4.89	5.83	4.96	6.50	4.64
26	3.80	4.64	2.98	4.11	3.25	4.89	6.53	4.56	6.60	5.04
27	2.60	4.25	3.58	3.22	2.66	4.29	6.83	4.17	5.91	5.05
28	2.51	4.95	3.89	4.03	3.46	3.90	6.44	3.97	5.61	5.06
29	3.32	5.66	3.89	4.53	3.87	3.70	6.24	3.48	5.62	5.56
30	3.82	6.15	3.39	4.92	3.47	3.21	6.24	3.09	5.22	6.57
31	4.42	5.76	3.00	3.24	4.46	3.21	5.85	3.09	5.23	7.17
32	4.43	5.07	2.51	3.24	5.88	2.02	5.76	3.10	5.23	7.17
33	4.33	5.37	3.31	2.55	5.88	1.92	5.56	3.10	5.64	7.68
34	3.54	4.97	3.92	2.96	5.69	1.33	5.16	3.71	5.64	7.68
35	3.04	3.28	4.22	4.96	5.09	3.13	4.47	4.11	5.75	7.68
36	2.55	4.19	4.73	4.66	4.60	3.14	3.97	4.42	5.75	6.98
37	1.45	4.89	5.07	5.07	4.00	2.94	3.18	4.42	5.46	6.98
38	2.46	4.10	4.13	5.47	3.11	1.75	2.48	5.42	5.19	5.19
39	2.56	4.59	3.34	5.08	2.71	1.75	1.79	5.42	4.60	4.60
40	3.27	3.10	3.04	5.08	1.82	1.26	1.40	4.27	3.71	3.71
41	3.57	2.71	3.55	5.08	1.12	0.76	2.20	4.44	3.77	3.71
42	3.67	2.71	4.25	4.69	1.12	0.76	2.20	4.44	3.77	3.71
43	2.98	2.12	4.76	5.10	1.73	1.47	2.50	4.25	3.08	3.22
44	2.39	2.12	4.76	5.10	1.73	1.47	2.50	4.25	3.08	3.22
45	2.59	3.03	5.06	4.80	2.74	2.28	2.51	3.65	3.19	3.23
46	2.19	4.33	5.66	4.80	3.34	2.98	2.52	3.26	2.79	2.83
47	1.40	4.33	5.07	4.21	3.55	3.49	2.52	3.66	2.30	2.84
48	1.51	4.54	5.48	3.61	3.89	1.13	3.66	3.66	1.70	2.84
49	4.21	4.34	6.69	2.02	2.06	4.80	3.07	2.48	1.71	4.05
50	3.52	3.60	1.82	1.63	1.16	4.80	-0.26	2.48	1.21	4.45
				1.63	1.47	5.26	-0.46	2.13	1.37	5.01

RECORDS-252  
DATE AND TIME=1968, 5.16, 9.49  
COMPONENT=E-W  
SIGNAL=GR,ACC,  
CORRECTION=ARC,ERR,  
TOTAL NUMBER OF DATA=11900  
STATION=NACHTNOHE=5  
TOTAL NUMBER OF DATA=11900  
FORMAT NO.#301

RECORD=S-252  
 DATE AND TIME=1968. 5.16. 9.49

COMPONENTE=M  
 SIGNAL=GR.ACC.  
 SAMPLING INTERVAL= 0.010(SEC)

CORRECTION=ARC.ERR.  
 FORMAT NO.=301

STATION=HAOHTINDHE=S  
 TOTAL NUMBER OF DATA=11900

NO.	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	5.56	5.90	5.23	7.87	4.02	8.26	2.09	9.03	4.96	11.00
2	5.37	6.00	3.94	7.09	4.72	9.66	1.90	9.03	4.37	11.03
3	6.08	5.70	3.75	7.89	5.43	9.77	1.50	9.04	3.67	11.71
4	6.68	5.02	3.45	8.28	6.53	10.06	1.50	9.04	3.18	11.62
5	7.28	5.82	4.46	7.90	7.24	9.76	1.51	9.04	3.19	11.73
6	7.58	6.22	5.26	8.50	7.54	9.06	1.11	8.34	3.09	11.93
7	6.99	5.53	5.37	8.50	7.19	8.17	1.12	7.75	2.69	11.90
8	6.69	5.53	5.78	7.82	7.95	7.68	0.62	6.85	2.50	10.92
9	6.30	5.34	6.48	8.40	7.95	6.98	1.23	6.16	2.50	10.13
10	6.00	5.34	7.08	7.41	7.55	6.09	1.83	4.76	2.51	9.34
11	5.61	5.04	6.58	6.72	7.06	5.90	2.24	3.37	5.93	8.92
12	5.22	4.45	6.02	6.17	6.17	6.31	2.95	2.56	7.73	7.05
13	6.42	3.96	5.53	7.12	7.55	7.12	4.55	1.89	8.64	6.76
14	6.73	3.46	6.17	4.74	6.17	7.82	5.96	1.29	9.53	6.77
15	7.23	4.27	5.61	4.14	5.58	8.21	7.37	2.00	9.53	7.18
16	6.94	4.97	5.81	4.05	4.98	7.92	6.08	3.70	9.57	8.00
17	7.34	4.37	6.11	4.06	4.69	7.42	8.68	4.51	11.07	9.59
18	7.64	3.98	6.12	5.45	3.80	6.63	8.68	5.41	11.97	10.23
19	7.24	3.59	5.72	4.56	4.20	6.13	9.08	6.12	12.57	12.09
20	6.85	4.49	5.43	3.87	4.71	5.74	9.08	6.52	13.08	12.10
21	6.35	4.99	5.95	3.67	5.60	5.14	9.09	7.03	13.56	12.10
22	5.75	4.80	6.13	3.08	4.41	3.95	9.09	7.63	13.54	12.08
23	4.36	4.30	5.74	3.68	3.82	3.46	9.00	7.63	12.96	11.49
24	3.37	3.41	4.95	4.09	4.13	3.06	9.09	7.63	12.56	10.17
25	2.38	2.71	4.95	4.59	4.73	3.77	8.60	6.94	11.96	8.70
26	3.48	2.02	5.65	5.40	5.34	4.07	8.10	6.54	11.37	7.72
27	4.29	1.42	5.37	5.60	5.84	4.58	7.41	5.45	10.71	7.33
28	4.89	0.93	5.97	5.40	6.25	6.09	7.22	4.85	11.61	7.04
29	5.20	1.53	6.58	4.61	6.75	6.70	7.12	4.86	12.02	7.53
30	5.70	2.64	7.08	5.02	7.36	8.09	6.93	3.77	12.60	7.04
31	5.91	3.35	7.88	5.51	7.87	8.19	6.93	3.47	12.61	6.55
32	6.30	4.35	7.27	4.63	8.47	8.10	6.83	3.48	12.61	6.55
33	5.31	5.16	6.28	5.63	9.18	7.80	6.34	3.48	12.62	6.55
34	4.92	5.76	5.59	5.74	9.76	7.81	6.24	3.49	12.62	5.56
35	4.92	6.57	5.40	6.14	9.26	7.82	5.75	3.79	12.63	5.07
36	4.83	7.17	4.80	6.13	8.57	7.92	5.25	4.70	12.53	5.06
37	5.74	7.07	4.81	4.64	7.78	7.92	4.76	5.91	12.42	3.87
38	6.74	6.97	4.92	3.85	4.28	7.93	4.28	7.82	11.92	2.98
39	7.05	6.68	5.42	3.45	6.69	7.92	3.67	8.31	11.00	2.39
40	6.66	6.18	5.63	2.56	6.50	6.94	3.17	8.31	9.14	1.99
41	4.26	5.79	6.43	1.97	6.20	7.03	2.18	8.32	8.34	1.50
42	8.66	5.20	6.75	1.47	5.91	5.24	1.59	8.33	7.47	1.50
43	8.85	5.30	6.23	1.58	5.71	5.05	1.59	8.33	7.78	2.51
44	8.35	6.01	5.44	1.58	4.82	4.55	1.20	8.33	8.68	3.21
45	7.27	6.81	5.25	1.79	5.22	3.76	2.20	8.34	9.28	4.42
46	6.87	7.22	5.46	1.19	5.23	2.87	4.21	8.54	9.38	5.22
47	5.78	7.41	6.25	4.00	5.54	2.47	5.92	8.43	9.39	5.83
48	4.99	7.02	6.77	4.70	5.54	2.48	7.22	7.15	9.41	6.63
49	4.99	6.43	7.37	5.30	5.86	2.48	7.83	6.65	10.31	7.14
50	5.45	5.83	7.62	4.66	7.121	2.29	8.43	5.81	10.66	7.24

NO.	RECORDS=252 DATE AND TIME=1968. 5.16. 9.49					COMPONENTS=H					SIGNALRGR.ACC. CORRECTIONS=ARC.ERR. TOTAL NUMBER OF DATA=11900					STATION=NACHIOME=8				
	( 1500)	( 1550)	( 1600)	( 1650)	( 1700)	( 1750)	( 1800)	( 1850)	( 1900)	( 1950)	( 1500)	( 1550)	( 1600)	( 1650)	( 1700)	( 1750)	( 1800)	( 1850)	( 1900)	( 1950)
1	7.56	9.98	5.22	10.64	7.39	8.73	7.76	8.70	7.05	10.35										
2	8.76	9.99	5.12	9.75	7.00	8.21	6.67	7.78	7.25	8.95										
3	9.66	10.38	4.53	8.95	6.80	6.53	6.17	5.31	6.85	6.08										
4	10.26	9.80	4.03	8.07	6.20	5.16	5.36	3.53	5.86	5.09										
5	10.27	9.89	2.94	7.77	5.61	6.47	4.89	4.33	5.37	3.50										
6	10.65	9.50	2.54	7.37	5.02	8.26	4.39	5.04	5.67	2.81										
7	9.97	9.33	2.35	6.58	4.43	8.78	4.89	5.04	5.88	1.41										
8	9.99	10.23	2.26	5.88	5.33	9.83	3.80	5.54	5.88	-0.68										
9	10.69	11.03	5.37	4.49	6.24	8.78	3.20	6.15	5.88	-1.98										
10	11.21	11.54	5.67	2.60	7.54	6.95	2.92	6.55	5.90	-2.97										
11	11.99	12.13	7.69	1.80	8.04	13.22	2.22	7.46	7.85	-2.96										
12	12.00	12.13	9.60	1.21	8.15	14.20	5.93	7.87	11.62	1.34										
13	11.99	12.12	11.00	0.71	8.65	14.54	4.53	8.36	12.35	1.34										
14	11.69	11.61	11.80	0.02	8.65	13.45	4.95	8.36	12.35	4.97										
15	11.20	10.62	12.51	0.42	8.15	12.27	7.55	7.37	13.75	9.39										
16	11.00	9.54	15.12	1.43	7.16	11.95	8.45	6.77	14.74	11.58										
17	10.41	8.66	13.88	2.54	6.40	9.49	8.67	6.08	15.22	12.36										
18	9.82	8.67	13.64	4.65	9.79	8.56	10.07	6.08	15.22	12.36										
19	9.43	9.17	13.50	6.66	10.70	9.62	10.69	5.19	15.21	11.65										
20	9.42	9.17	14.43	7.95	11.92	9.62	10.69	4.39	14.76	10.92										
21	8.93	9.17	14.76	7.96	12.38	9.61	12.59	3.60	13.15	9.05										
22	8.44	8.86	11.18	8.15	12.06	8.43	13.30	2.50	10.90	7.77										
23	8.45	7.68	9.61	7.95	10.98	8.43	13.30	1.51	9.11	6.58										
24	8.46	7.08	8.84	7.85	10.42	8.43	14.01	0.81	7.24	5.67										
25	8.76	6.09	9.24	7.85	10.82	7.93	12.56	-0.08	5.95	2.90										
26	8.76	5.30	9.84	5.17	11.33	7.05	12.56	-0.78	5.67	2.90										
27	8.77	4.80	10.08	4.38	11.93	6.95	10.98	-0.17	7.10	2.90										
28	9.19	3.81	11.55	3.99	12.44	6.96	10.56	0.16	9.99	3.51										
29	9.99	3.11	11.55	3.99	13.05	6.96	9.09	0.84	10.90	4.22										
30	10.69	2.52	11.54	4.29	13.75	6.97	8.61	1.24	12.04	5.43										
31	11.10	2.53	11.13	4.90	14.05	7.18	8.72	1.85	14.03	6.74										
32	11.70	5.43	10.05	5.60	14.77	7.68	9.22	2.45	15.11	8.05										
33	12.10	5.43	9.47	6.21	15.97	7.99	9.73	1.56	15.49	9.45										
34	12.08	6.05	9.45	6.90	15.89	8.49	9.73	1.56	15.49	9.45										
35	12.08	7.34	8.16	6.41	16.70	8.49	10.32	0.76	15.87	10.45										
36	11.60	7.95	7.19	5.91	17.50	8.70	10.01	-0.43	14.72	10.82										
37	11.60	8.35	7.78	5.02	18.11	9.11	9.13	-1.03	12.85	9.94										
38	11.19	8.35	7.68	4.33	17.40	8.74	8.85	-1.62	11.18	9.42										
39	10.10	8.35	7.08	4.94	16.43	10.01	8.85	-2.22	9.98	7.92										
40	9.32	7.56	6.10	5.64	15.56	10.60	9.36	-2.61	8.01	5.24										
41	9.02	7.25	5.90	6.17	13.44	9.81	9.86	-1.81	7.12	2.36										
42	8.53	6.17	5.51	9.16	12.42	9.50	10.46	-1.30	6.53	-0.33										
43	9.15	5.68	6.32	9.76	10.48	8.71	10.76	-0.90	6.54	-1.22										
44	9.52	5.68	6.83	10.20	10.08	8.00	10.87	-0.50	6.53	-1.52										
45	8.14	5.69	7.73	11.98	10.85	6.22	10.85	1.51	5.65	-1.61										
46	7.55	5.69	8.03	12.43	9.65	4.84	9.96	2.82	5.67	0.89										
47	7.37	5.09	8.43	11.33	6.90	4.24	9.00	6.03	8.47	2.10										
48	7.78	4.40	8.55	10.55	6.22	4.75	9.90	7.11	9.29	3.30										
49	8.59	5.10	9.55	10.57	7.12	5.26	10.40	5.73	10.58	3.90										
50	9.29	5.11	9.86	8.87	8.63	7.87	10.68	6.64	11.29	3.91										
			10.26	8.13	8.53	7.82	9.98	6.93	11.88	3.91										
								6.99	11.11	3.92										

RECORD=S-252  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=E-W  
 SIGNAL=BR.ACC.  
 CORRECTION=ARC.ERR.  
 STATION=MACHINOME-S  
 TOTAL NUMBER OF DATA=1190

NO.	( 2000)	( 2050)	( 2100)	( 2150)	( 2200)	( 2250)	( 2300)	( 2350)	( 2400)	( 2450)
1	3.93	17.75	11.44	12.19	11.29	-8.49	2.84	-1.21	-0.57	42.78
2	5.74	16.14	13.03	13.77	11.89	-2.37	-3.15	-7.22	-7.42	58.48
3	7.46	15.54	13.82	14.57	12.28	2.43	-6.06	-8.53	-11.65	32.20
4	9.57	12.94	14.14	17.26	12.00	5.03	-9.13	-10.06	-14.61	25.36
5	11.14	9.26	14.82	20.55	12.41	5.64	-8.90	-4.17	-18.03	12.89
6	11.15	8.09	14.79	21.58	12.71	5.95	-1.72	0.21	-20.55	4.93
7	11.10	8.09	14.09	21.09	13.12	8.31	6.35	1.12	-21.60	-6.77
8	7.43	8.10	13.10	18.50	13.63	13.16	14.55	-0.88	-22.10	14.41
9	5.15	10.20	11.66	15.75	14.05	16.04	22.16	-3.38	-20.13	-19.23
10	1.67	10.22	8.49	2.48	15.00	14.06	22.86	-5.16	-22.22	-19.23
11	0.48	10.61	4.54	-0.71	18.66	11.81	23.57	-3.26	-24.53	-22.22
12	-1.92	10.60	1.96	-3.40	20.08	6.94	24.82	-1.15	-27.34	-24.53
13	-3.02	9.61	0.06	-3.40	19.25	4.46	24.92	6.81	-30.14	-27.34
14	-4.61	8.85	-0.93	-2.09	15.57	-2.72	23.41	13.31	-30.66	-30.14
15	-4.30	10.18	-2.03	2.01	10.47	-4.81	16.32	17.02	-32.96	-30.66
16	-2.29	12.07	-3.32	4.31	7.21	-3.71	11.09	13.59	-20.14	-32.96
17	4.63	13.17	-2.51	4.52	3.26	8.00	5.80	11.57	-4.11	-20.14
18	5.59	13.80	3.39	4.53	2.56	-2.40	1.84	8.23	-0.39	-4.11
19	13.94	12.82	4.40	5.85	2.07	-0.89	-1.06	5.34	-0.39	9.57
20	16.96	11.72	5.71	6.63	1.47	0.71	-0.13	-1.32	8.39	10.50
21	17.52	10.84	7.61	6.63	1.98	1.62	0.58	-3.50	-3.49	8.39
22	7.53	9.54	8.20	5.63	2.48	8.57	9.68	0.59	-10.87	3.97
23	17.40	8.06	6.19	4.45	2.89	11.86	10.67	4.70	-14.46	9.97
24	15.23	7.82	5.98	5.66	7.43	16.47	11.31	5.30	-12.05	1.47
25	9.97	1.98	4.10	6.97	10.36	22.40	16.53	6.00	-8.56	-1.42
26	6.84	1.29	-0.58	8.12	8.87	26.62	21.41	5.20	-2.54	-4.11
27	5.75	3.09	-2.48	12.15	7.39	29.07	27.63	4.11	3.28	-1.01
28	5.76	4.61	-2.48	14.77	6.10	29.85	24.98	2.92	8.26	8.26
29	5.47	8.52	-8.10	14.78	5.51	26.48	22.50	3.66	15.82	20.52
30	6.58	9.50	-10.69	14.78	5.01	24.77	18.15	4.66	17.61	26.88
31	7.67	9.91	-12.15	14.79	3.92	23.64	13.48	5.54	16.64	22.06
32	6.17	11.14	-11.52	14.57	3.03	21.43	10.48	5.84	12.91	18.42
33	4.88	11.97	-11.52	9.88	2.43	19.23	9.29	7.63	11.10	13.20
34	6.79	13.56	11.59	4.48	1.64	18.84	8.31	8.24	8.24	7.75
35	3.10	14.53	15.86	-0.40	-0.46	20.82	8.32	14.39	5.29	2.72
36	5.00	14.29	16.97	-4.09	-1.05	28.87	8.31	13.20	9.72	-2.27
37	5.11	13.17	15.98	-4.09	2.86	28.87	7.50	11.92	9.57	-5.35
38	6.72	11.20	14.92	-4.87	8.29	34.66	5.42	10.54	13.57	-2.45
39	7.82	9.84	14.92	-4.87	10.38	37.04	5.42	5.45	12.24	3.75
40	8.22	8.86	14.92	-6.16	11.22	37.04	3.24	2.27	15.92	4.94
41	8.22	8.86	14.92	-6.16	11.22	38.63	3.24	-1.12	15.90	22.39
42	8.22	8.86	14.92	-6.16	11.22	38.63	3.24	-2.52	13.62	28.09
43	8.26	8.87	14.92	6.35	9.52	39.69	6.58	-5.41	8.83	25.70
44	10.17	8.87	14.92	9.77	6.66	40.91	10.32	-4.90	3.22	21.85
45	11.69	8.87	14.92	9.77	4.96	38.74	17.73	-2.30	-0.27	17.93
46	13.67	8.87	14.92	10.75	1.18	37.42	21.55	-0.30	2.14	14.79
47	15.65	8.87	14.92	10.76	-2.11	34.36	21.99	2.61	5.78	17.04
48	17.57	8.11	11.45	10.76	-5.85	28.01	18.39	5.60	17.39	16.62
49	17.72	9.78	11.79	10.49	-8.94	19.07	13.44	4.01	28.40	20.56
50	17.72	9.78	11.79	10.49	-9.96	12.22	9.86	2.92	39.39	23.46
						7.22	4.33	1.17	41.88	23.46

RECORD=S-252  
DATE AND TIME=1968. 5.16. 9.49

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

STATION=HACHINOHE-S  
TOTAL NUMBER OF DATA=11900

NO.	( 2500)	( 2550)	( 2800)	( 2700)	( 2750)	( 2800)	( 2850)	( 2900)	( 2950)
1	25.01	5.94	34.55	-4.10	14.29	-3.70	27.54	-15.48	17.02
2	25.11	6.05	42.73	-8.70	15.04	-2.70	22.35	-22.51	15.49
3	24.20	18.41	49.66	-16.29	14.64	-0.60	17.18	-26.92	11.15
4	26.46	23.22	43.66	-20.22	14.00	2.42	15.15	-26.88	5.09
5	27.82	24.60	40.00	-24.05	12.41	7.86	7.89	-26.76	-1.57
6	27.55	19.82	31.34	-25.58	10.64	11.17	3.04	-20.57	-6.21
7	25.60	15.81	23.27	-27.19	12.96	16.84	-4.76	-10.95	7.23
8	22.03	11.05	14.54	-28.60	15.07	18.73	-10.23	-10.95	3.07
9	19.12	6.36	10.70	-29.92	18.93	19.84	-18.89	-14.56	-1.42
10	16.55	4.31	9.61	-32.94	24.23	18.62	-4.88	-14.18	-8.20
11	16.75	9.61	0.13	-29.45	34.02	15.66	9.27	-8.20	-6.16
12	20.35	21.27	-0.17	-16.57	34.02	18.62	12.19	-4.94	-12.11
13	25.76	32.37	0.16	-4.78	36.64	10.51	-30.47	-3.64	-15.61
14	28.36	34.11	-0.16	4.72	37.72	4.69	-32.65	-3.63	-17.54
15	29.27	34.44	-1.96	13.21	33.74	-7.82	-34.44	-3.62	-16.42
16	29.30	33.53	-6.21	16.49	29.94	-13.79	-34.91	0.88	-11.68
17	28.85	28.70	-13.62	16.59	21.96	-20.19	8.28	4.60	-1.58
18	25.79	20.87	-20.65	14.53	13.38	-17.53	11.26	8.64	-0.88
19	21.88	15.23	-23.82	10.95	6.99	-17.39	1.52	3.74	-0.87
20	18.49	5.77	-29.57	8.68	2.24	0.68	35.85	1.75	12.19
21	9.63	-2.68	-32.19	6.80	-2.75	9.03	43.68	-0.74	15.38
22	6.20	-11.45	-33.53	5.02	-3.82	11.41	47.03	-3.14	17.01
23	6.11	-18.35	-27.12	4.52	12.07	11.22	44.13	-4.13	17.18
24	6.09	-21.40	-26.94	4.33	17.83	11.77	48.49	-2.62	18.32
25	3.01	-26.94	22.83	4.23	26.96	10.79	48.49	0.08	18.41
26	-2.48	-30.06	26.71	4.23	28.08	14.03	47.22	4.29	18.54
27	-4.25	-32.35	29.01	2.54	28.14	19.34	45.70	5.29	21.59
28	1.14	-23.26	28.68	0.65	25.29	23.33	42.55	4.89	24.29
29	11.11	18.69	26.76	-2.95	20.75	25.63	38.77	4.80	26.86
30	21.74	34.74	24.74	-4.05	20.75	25.63	35.89	4.92	26.86
31	32.20	43.10	26.99	-5.57	18.37	23.77	33.72	7.13	28.28
32	41.66	44.13	22.09	-9.81	18.37	31.22	31.22	9.11	28.97
33	42.86	44.68	19.92	-13.43	19.35	21.27	28.21	14.84	28.44
34	39.31	42.65	18.47	-15.44	18.80	20.76	21.48	22.21	25.01
35	29.95	37.43	14.85	-16.39	18.75	18.75	15.57	34.10	21.67
36	19.53	30.05	10.93	-21.91	20.43	17.10	7.93	49.95	17.68
37	9.37	22.05	6.47	1.70	21.45	13.10	3.39	55.98	12.23
38	3.96	11.98	-2.75	13.17	20.56	11.39	0.50	49.58	10.66
39	-2.72	4.39	-10.30	23.18	18.66	15.71	-0.19	56.62	9.89
40	-9.41	-3.99	-17.29	28.66	16.21	15.30	3.85	52.39	9.82
41	-14.45	-9.68	-19.64	34.13	12.06	20.59	46.51	46.51	11.36
42	-14.77	-15.26	-18.57	35.96	6.30	27.57	40.26	40.26	27.33
43	-0.59	-16.52	-7.66	36.62	0.56	33.12	33.98	15.52	23.94
44	12.97	-7.66	6.92	35.86	-2.14	37.14	23.46	14.16	22.24
45	19.91	13.47	10.05	33.15	-2.14	37.14	27.50	17.79	19.24
46	19.92	21.62	12.66	29.74	-5.94	34.57	18.73	20.27	14.20
47	19.66	23.95	14.60	23.75	-9.94	32.07	15.60	21.08	8.49
48	16.50	23.74	14.33	17.10	-6.85	29.50	14.16	23.58	-1.84
49	12.58	22.77	10.33	13.41	-7.73	27.99	13.81	24.10	-9.44
50	9.27	28.11	6.12	13.87	-8.82	27.80	16.77	24.44	-15.35
					-6.23	-10.96	17.96	22.96	-21.49
					27.97		17.48	21.06	-26.94

NO.	( 3000 )	( 3050 )	( 3100 )	( 3150 )	( 3200 )	( 3250 )	( 3300 )	( 3350 )	( 3400 )	( 3450 )
1	-31.93	29.43	-27.90	80.39	80.53	-58.24	159.11	-39.88	21.91	159.85
2	-35.11	19.16	-28.93	79.83	87.69	-80.51	160.26	-51.17	23.87	159.19
3	-47.84	9.15	-29.98	75.86	97.43	-92.85	158.76	-67.83	31.57	156.67
4	-27.32	4.42	-30.83	67.95	99.34	-138.67	155.06	-83.81	37.07	152.28
5	-16.46	0.94	-32.10	52.42	107.93	-122.52	147.63	-101.54	45.10	138.21
6	-4.77	0.25	-34.34	39.31	114.86	-134.64	142.61	-112.05	48.35	128.50
7	-0.09	0.25	-35.91	31.79	117.74	-145.72	140.67	-119.16	51.81	108.79
8	-0.78	0.26	-36.04	30.44	119.02	-154.70	142.07	-131.83	55.37	94.07
9	-2.48	-0.34	-36.29	33.11	119.53	-162.54	143.81	-134.46	58.41	79.79
10	-5.41	0.07	-35.88	39.73	115.34	-133.66	144.80	-135.75	59.20	56.23
11	-10.87	1.57	-35.59	37.86	110.03	-114.78	136.46	-133.82	59.50	44.16
12	-10.89	2.08	-35.14	31.07	102.89	-95.91	119.07	-128.80	56.40	39.71
13	-11.97	2.58	-32.41	18.01	93.76	-77.03	101.69	-121.16	49.46	33.88
14	-13.98	2.09	-26.27	6.27	85.94	-28.15	84.30	-109.76	36.96	29.50
15	-21.95	1.59	-19.56	9.15	75.89	-22.56	66.92	-98.21	19.47	29.50
16	-25.53	0.59	-14.59	-66.56	75.79	-82.10	46.15	-85.64	6.97	29.50
17	-25.82	-4.84	-6.71	-23.45	71.27	-35.23	25.41	-71.62	-5.28	29.57
18	-26.95	-13.55	-1.36	-63.59	64.88	-17.86	6.30	-52.80	-19.11	30.09
19	-18.90	-20.40	2.35	-85.84	60.58	-123.93	-4.91	-36.45	-31.08	31.19
20	-7.95	-28.25	6.57	-94.18	59.13	-132.82	-27.62	-25.18	-37.90	35.45
21	-2.61	-31.74	8.49	-104.45	69.50	-148.91	-46.49	-17.16	-43.44	45.82
22	3.59	-32.61	10.61	-113.24	74.41	-159.22	-57.93	-12.10	-43.34	55.27
23	4.29	-32.53	12.93	-117.67	79.57	-166.50	-62.89	-12.10	-43.40	69.70
24	3.79	-32.28	17.32	-120.58	109.13	-157.20	-62.81	-12.22	-42.16	83.97
25	2.79	-32.66	17.97	-119.09	119.92	-175.73	-53.02	-16.43	-38.46	94.79
26	-1.50	-32.52	17.81	-109.78	126.25	-177.17	-42.18	-28.95	-30.92	95.49
27	-6.00	-30.10	16.68	-100.75	129.40	-179.88	-29.85	-44.75	-26.94	94.86
28	-7.69	-21.49	14.99	-92.51	129.76	-190.39	-10.74	-62.15	-21.65	86.66
29	-8.07	-15.03	12.11	-80.31	131.07	-199.53	16.20	-76.70	-3.17	75.28
30	-0.28	-5.18	20.14	-74.10	133.64	-197.76	39.86	-93.45	11.55	60.41
31	7.64	5.19	30.05	-65.96	135.69	-146.19	56.05	-100.69	24.71	45.13
32	16.89	8.42	38.02	-28.64	142.57	-134.92	65.43	-105.20	38.25	30.16
33	17.89	11.28	45.98	-27.35	143.05	-138.06	67.56	-107.87	50.97	16.49
34	16.68	11.58	49.65	-24.22	143.58	-144.93	67.60	-123.65	66.79	-2.92
35	20.43	11.50	49.81	-21.42	144.00	-153.15	66.29	-131.08	73.57	-14.59
36	21.17	8.56	48.62	-18.86	140.99	-157.40	59.46	-135.88	81.40	-21.17
37	20.11	4.89	41.89	-15.78	134.01	-155.48	52.31	-139.30	90.70	-26.90
38	19.98	-1.60	32.16	-8.28	122.02	-148.98	44.15	-139.18	94.68	-32.49
39	9.58	-0.90	22.93	-0.99	108.17	-128.59	37.68	-136.17	97.56	-39.69
40	0.17	0.11	15.03	-27.40	94.31	-96.79	36.82	-111.89	118.61	-38.17
41	-4.84	6.42	14.90	-33.53	75.36	-65.19	33.90	-87.60	122.79	-40.02
42	-7.20	7.03	20.96	-20.18	54.93	-33.59	28.99	-63.32	133.64	-41.24
43	-5.73	8.23	34.44	-20.61	37.56	-1.98	26.57	-39.04	141.88	-40.60
44	6.18	8.41	48.24	36.10	24.22	30.73	20.42	-15.52	147.55	-40.60
45	17.46	0.63	57.16	53.90	5.92	55.54	16.19	-5.08	153.11	-40.60
46	23.38	-5.61	65.82	64.38	-4.04	89.88	10.91	-1.10	157.85	-41.79
47	29.89	-12.69	68.49	71.48	-16.45	108.67	7.50	8.74	159.83	-48.64
48	32.93	-16.96	71.59	73.98	-28.87	130.83	-0.70	11.12	161.64	-64.14
49	33.24	-23.57	76.18	76.15	-42.02	132.86	-16.69	11.91	161.58	-70.44
50	32.28	-25.77	79.68	78.67	-55.59	137.21	-28.14	17.14	160.49	-75.63

RECORD=S-252  
DATE AND TIME=1968. 5.16. 9.49  
COMPONENT=B-M  
SAMPLING INTERVAL= 0.010(SEC)  
CURVECTION=ARC.ERR.  
FORMAT NO.=301

STATION=HACHINOHE=S  
TOTAL NUMBER OF DATA=11900

RECORD=S-252  
 DATE AND TIME=1968, 5, 16, 9, 49  
 COMPONENT=E-H  
 SIGNAL=GR, ACC.  
 CORRECTION=ARG, ERR,  
 INTERVAL= 0.01010(SEC) FORMAT NO.=301

STATION=HACHINOHE\*S  
 TOTAL NUMBER OF DATA=11900

NO.	( 3500)	( 3550)	( 3600)	( 3650)	( 3700)	( 3750)	( 3800)	( 3850)	( 3900)	( 3950)
1	-82.31	56.52	16.02	26.82	92.42	-8.85	-36.01	-25.07	32.54	19.34
2	-87.32	38.18	8.89	36.80	89.64	-5.73	-43.46	-24.54	31.87	18.78
3	-89.05	27.19	-2.81	45.25	86.92	-10.16	-49.10	-21.67	31.68	21.29
4	-93.61	19.93	-10.73	50.89	86.90	-12.97	-52.36	-17.74	32.79	24.11
5	-98.77	10.59	-20.40	50.59	88.106	-14.55	-55.37	-16.88	33.22	24.73
6	-103.63	6.23	-28.52	47.92	91.226	-19.23	-67.34	-16.47	33.99	23.29
7	-108.01	-1.60	-35.94	45.69	88.53	-25.59	-70.62	-15.46	35.55	20.76
8	-113.05	-9.40	-43.68	43.73	84.82	-31.51	-74.13	-5.56	36.82	19.16
9	-118.51	-14.56	-51.72	42.90	73.71	-38.16	-76.28	-0.20	38.03	15.92
10	-120.07	-18.11	-59.16	43.72	53.90	-45.80	-77.45	1.50	39.47	9.30
11	-128.34	-23.83	-64.80	46.08	35.36	-54.80	-75.14	10.02	39.86	3.98
12	-117.08	-46.64	-38.81	52.99	20.22	-63.80	-72.41	15.89	38.59	-2.91
13	-114.62	-54.90	-47.15	60.78	17.08	-72.41	-71.08	21.29	37.80	-9.13
14	-108.42	-64.36	-55.61	64.19	13.85	-80.87	-72.29	23.84	38.92	-16.45
15	-100.92	-75.39	-69.08	68.73	12.37	-88.52	-75.14	22.56	40.18	-20.13
16	-92.81	-82.67	-80.50	73.82	8.47	-96.92	-79.08	20.14	39.89	-15.98
17	-84.44	-88.80	-89.99	81.59	6.61	-100.83	-83.52	18.29	38.24	-11.94
18	-76.99	-92.30	-99.98	85.42	4.21	-108.84	-86.92	16.70	36.27	-8.179
19	-71.39	-95.02	-106.84	91.70	-9.45	-112.03	-89.59	14.98	35.19	6.04
20	-63.50	-112.03	-112.03	93.84	-12.07	-119.94	-94.84	12.65	36.45	10.77
21	-55.65	-128.01	-119.94	96.56	-14.43	-128.66	-99.32	14.27	40.71	13.57
22	-49.51	-146.54	-128.66	96.90	-15.19	-135.56	-85.67	15.68	47.30	15.20
23	-43.74	-154.13	-135.56	97.21	-19.44	-140.79	-80.89	13.46	49.23	15.20
24	-40.41	-153.25	-140.79	97.85	-27.04	-149.60	-74.51	12.46	52.47	15.16
25	-41.44	-151.16	-149.60	99.37	-29.61	-157.06	-70.52	11.13	59.50	14.34
26	-39.44	-148.91	-149.60	102.11	-30.57	-166.89	-74.53	8.38	66.37	13.17
27	-37.06	-135.31	-145.79	100.66	-30.87	-174.53	-75.40	6.78	67.98	13.36
28	-35.03	-116.69	-137.90	98.21	-32.95	-182.24	-73.05	4.69	68.60	20.29
29	-33.25	-98.08	-124.24	95.68	-35.48	-196.87	-70.86	3.50	67.53	24.46
30	-28.91	-79.47	-110.58	91.43	-35.74	-204.09	-70.52	4.00	66.28	24.29
31	-13.55	-60.86	-96.87	87.76	-33.05	-220.09	-72.74	5.01	63.06	28.44
32	-2.27	-35.34	-78.62	86.50	-30.46	-236.89	-68.157	6.70	60.25	33.08
33	27.25	-5.68	-60.37	86.50	-28.09	-253.74	-61.99	6.19	56.04	37.56
34	79.67	3.45	-58.52	86.50	-11.41	-271.42	-50.42	3.61	47.56	41.41
35	79.19	13.45	-9.28	85.41	-1.40	-289.37	-36.30	1.70	37.91	43.24
36	103.13	17.40	1.90	85.48	-4.30	-307.89	-28.46	8.94	27.55	39.67
37	131.14	19.21	5.01	80.82	-9.51	-326.52	-20.99	11.34	17.36	34.32
38	142.98	23.81	9.06	77.46	-17.53	-345.74	-15.02	15.00	6.85	28.66
39	161.69	22.19	14.03	74.74	-22.29	-365.48	-9.42	18.22	1.50	18.22
40	178.04	20.15	14.64	77.44	-28.29	-385.74	-5.42	21.98	0.30	9.32
41	174.89	17.37	11.26	81.05	-33.10	-406.52	-1.50	25.47	1.70	4.92
42	174.57	15.40	9.73	84.93	-38.10	-428.25	3.61	29.89	7.98	9.11
43	169.84	13.46	8.25	86.93	-43.10	-450.52	8.94	34.99	13.74	4.92
44	161.19	12.36	6.95	89.91	-48.10	-473.25	15.47	40.71	22.28	9.11
45	152.54	10.46	-0.20	92.47	-53.10	-496.52	23.84	47.30	31.93	15.11
46	126.51	10.46	-6.71	92.47	-58.10	-520.25	32.49	54.23	41.41	17.35
47	112.83	12.95	-7.84	93.14	-63.10	-544.52	42.46	63.06	52.47	19.23
48	99.16	14.50	-11.05	94.47	-68.10	-569.25	52.46	72.74	63.06	15.92
49	82.48	18.82	-15.35	95.45	-73.10	-594.52	63.06	83.52	74.53	12.73
50	71.12	17.85	-18.94	94.49	-78.10	-620.25	74.53	95.42	86.37	10.88
										9.47

RECORDS=252      COMPONENTE=W      SIGNAL=GR,ACC.      CURREGION=ARC,ERR.      STATION=HAOCHINDHE=8  
 DATE AND TIME=1968. 5.16. 9.49      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA=11900

NO.	( 4000)	( 4050)	( 4100)	( 4150)	( 4200)	( 4250)	( 4300)	( 4350)	( 4400)	( 4450)
1	8.08	-19.87	8.69	43.86	21.53	49.26	27.93	-3.84	12.60	33.40
2	6.49	-29.79	14.45	46.10	26.26	55.50	29.68	-18.12	12.57	33.59
3	-5.72	-39.06	17.70	49.49	32.01	71.44	30.00	-28.99	8.87	34.20
4	-8.03	-47.47	19.25	50.40	37.26	73.10	29.81	-37.38	1.40	33.98
5	-10.07	-53.87	47.40	44.73	44.73	75.07	28.68	-42.06	-7.11	33.00
6	-8.70	-56.07	21.83	49.56	50.34	78.25	26.80	-43.58	-17.40	31.07
7	-8.69	-56.50	22.90	42.62	55.68	78.60	24.27	-42.79	-27.81	26.93
8	-7.99	-51.39	22.01	35.13	57.60	78.60	21.73	-37.70	-32.95	23.73
9	-6.89	-46.94	21.08	27.96	58.38	78.70	18.70	-28.91	-45.65	23.20
10	-6.29	-45.46	19.60	20.47	58.90	78.50	11.22	-21.51	-53.96	23.20
11	-5.59	-44.79	16.33	15.89	57.93	78.55	6.39	-19.80	-57.84	23.20
12	-4.70	-47.36	14.95	11.99	53.84	76.59	7.79	-19.73	-59.45	23.20
13	-4.70	-51.47	13.88	5.28	47.78	72.29	7.32	-18.94	-56.43	23.08
14	-4.70	-55.83	13.40	2.30	40.14	67.13	8.92	-18.13	-52.93	21.54
15	-4.69	-58.85	13.43	0.60	31.21	50.22	9.89	-17.06	-46.27	16.03
16	-9.20	-58.45	14.41	2.70	22.52	50.93	9.30	-14.70	-38.39	7.88
17	-1.99	-56.47	17.02	4.14	15.02	40.91	9.60	-8.43	-34.70	-1.00
18	7.61	-52.94	20.86	7.42	7.42	30.84	9.19	-4.10	-35.28	-4.71
19	10.54	-46.89	21.23	-23.28	1.10	20.76	8.70	-3.99	-37.91	-6.31
20	17.27	-41.05	23.90	-27.80	-2.81	16.90	8.59	-2.29	-41.22	-7.60
21	18.52	-38.59	27.52	-28.72	-6.48	9.23	8.19	7.42	-43.82	-7.57
22	21.65	-35.43	27.60	-61.20	-15.04	5.18	7.40	9.14	-44.13	-5.04
23	23.15	-28.86	27.54	-63.27	-18.42	2.50	7.10	11.84	-42.03	5.11
24	27.40	-25.56	27.09	-64.07	-28.57	0.40	16.40	16.40	-39.44	7.10
25	27.30	-17.99	25.37	-67.76	-34.99	0.90	6.70	19.61	-34.49	16.29
26	29.53	-17.16	25.52	-67.07	-40.07	1.91	6.71	19.70	-25.87	17.85
27	24.36	-6.49	24.95	-69.85	-42.89	9.01	7.72	19.70	-19.09	18.64
28	17.70	-5.59	24.60	-42.76	-44.83	9.56	9.22	19.67	-17.71	19.04
29	16.07	-4.70	24.56	-45.66	-45.97	21.85	10.47	19.20	-16.31	16.73
30	10.28	-4.69	24.31	-47.84	-45.22	33.91	13.28	17.81	-14.94	10.90
31	5.07	-1.70	24.40	-47.66	-43.74	48.42	12.57	15.20	-15.96	6.81
32	-0.60	-1.50	24.40	-46.20	-42.08	56.08	8.94	15.33	-19.06	-1.81
33	-4.61	-2.60	24.06	-43.50	-41.01	57.97	5.34	17.85	-23.99	-10.47
34	-7.89	-5.04	24.06	-40.49	-37.67	57.22	-3.93	18.74	-30.30	-17.78
35	-14.61	-12.57	23.80	-36.50	-30.90	31.35	-13.47	22.58	-36.20	-25.00
36	-19.01	-14.73	23.80	-29.27	-26.37	41.63	-17.84	30.11	-36.84	-29.55
37	-20.20	-15.37	23.90	-23.90	-18.01	29.90	-19.85	32.50	-36.74	-32.60
38	-18.93	-14.46	23.75	-17.84	-13.70	16.06	-20.26	35.60	-34.08	-33.54
39	-13.51	-7.26	23.42	-12.58	-4.26	-4.64	-18.64	37.29	-29.33	-34.50
40	-11.80	-3.57	23.65	-3.49	5.63	-13.09	-16.51	36.35	-26.88	-34.71
41	-9.37	8.23	24.06	1.90	10.23	-18.54	15.00	34.34	-16.96	-32.43
42	-0.70	16.85	24.59	5.11	14.64	-24.00	14.83	30.22	-5.96	-26.82
43	4.20	17.65	25.61	6.70	13.88	-23.44	-11.15	23.55	-0.40	-18.16
44	4.20	18.34	26.09	7.20	12.16	-19.09	-5.49	19.59	8.12	-16.14
45	4.20	18.74	26.68	10.75	-16.97	-16.97	-4.69	15.96	16.94	-13.31
46	4.20	17.73	27.54	7.60	8.69	-4.48	-1.79	13.60	22.44	-10.92
47	3.20	13.90	30.19	7.50	7.91	-0.20	7.90	13.69	25.51	-11.70
48	1.50	11.51	33.12	7.11	16.24	8.98	7.90	13.67	27.03	-11.71
49	-0.62	8.29	34.00	7.92	24.77	19.61	7.88	12.60	28.93	-12.11
50	-11.67	8.45	41.73	14.87	35.64	25.75	2.00	12.60	31.39	-11.74

NO.	( 4500 )	( 4550 )	( 4600 )	( 4650 )	( 4700 )	( 4750 )	( 4800 )	( 4850 )	( 4900 )	( 4950 )
1	-11.48	0.90	-14.39	5.92	-9.48	+8.08	45.35	26.47	6.91	12.48
2	-10.71	1.90	-14.05	8.68	-3.25	-13.92	45.53	28.51	7.71	9.02
3	-6.98	3.00	-12.87	14.03	9.65	-17.04	45.80	26.73	0.80	9.93
4	-4.63	3.70	-12.01	19.80	16.90	-22.23	42.68	25.19	-6.31	11.07
5	9.30	4.30	-9.18	25.98	18.26	-22.36	38.50	21.08	-7.99	9.97
6	20.56	5.10	-7.88	31.12	16.30	-20.98	33.51	18.61	-7.27	8.67
7	29.34	5.61	-6.80	35.19	14.41	-18.85	22.85	13.44	-4.28	7.08
8	36.14	6.68	-6.39	38.24	10.17	-18.26	20.35	6.82	-0.10	5.09
9	39.83	24.75	-5.70	31.80	0.30	-17.78	17.67	-1.30	5.62	3.99
10	36.35	32.42	-5.41	28.16	-11.47	-17.47	15.74	-5.33	9.23	2.50
11	33.53	38.75	-6.31	20.88	-18.00	-17.07	14.34	-10.50	10.80	0.80
12	30.32	43.86	-7.12	17.67	-26.93	-16.36	6.49	-14.81	14.70	-0.90
13	24.29	49.06	-9.09	15.85	-34.74	-15.94	5.67	-17.65	17.31	-2.30
14	25.02	52.74	-8.69	14.93	-42.91	-14.71	1.50	-25.44	25.89	-4.51
15	30.81	54.69	-8.09	13.57	-47.69	-10.85	2.30	-26.57	34.89	-6.22
16	33.72	55.07	-7.09	12.72	-47.44	-9.14	2.90	-28.12	39.03	-8.70
17	36.54	54.43	-6.55	7.72	-42.78	-11.55	3.60	-28.20	35.41	-21.14
18	34.69	52.62	-6.90	1.90	-35.89	-13.26	2.50	-27.49	33.54	-27.99
19	28.28	48.30	0.40	-2.91	-26.61	-14.95	1.30	-23.46	32.23	-32.60
20	20.72	39.25	0.88	-7.87	-26.29	-15.95	-2.51	-20.77	30.25	-36.74
21	17.79	26.39	-1.71	-13.62	-27.61	-17.23	-8.50	-19.44	28.16	-39.07
22	12.03	15.78	-15.15	-11.09	-29.10	-23.94	-14.52	-17.83	24.75	-35.45
23	17.55	6.51	-33.50	-0.46	-31.09	-26.74	-10.68	-5.07	22.61	-35.21
24	18.17	-2.80	-48.27	11.36	-33.52	-28.88	-9.72	1.00	18.10	-31.39
25	16.11	-0.90	-57.35	20.96	-37.89	-30.44	-10.53	13.79	41.44	-29.14
26	10.98	2.00	-61.61	25.18	-43.25	-31.77	-11.63	20.88	9.18	-27.44
27	6.58	4.83	-60.41	23.55	-44.45	-33.26	-12.73	25.03	2.49	-26.85
28	3.89	10.35	-54.81	21.46	-45.25	-34.59	-13.54	28.24	-1.50	-25.27
29	1.80	12.38	-46.71	19.36	-41.75	-32.85	-14.45	30.52	-9.91	-23.76
30	0.40	15.10	-33.74	11.08	-6.78	-28.03	-13.26	31.12	-19.92	-23.43
31	-1.00	21.87	-14.11	-3.64	-4.68	-14.21	-12.06	32.27	-24.69	-22.66
32	-2.30	30.00	0.60	-16.39	-1.30	-12.01	-10.85	35.46	-26.80	-20.65
33	-3.72	32.17	7.22	-25.11	3.91	-8.58	-8.90	37.80	-27.54	-20.03
34	-6.66	30.62	9.11	-31.29	7.65	22.91	2.60	37.44	-24.86	-19.43
35	-6.28	27.83	7.67	-34.47	12.07	30.90	3.63	36.21	-18.92	-21.10
36	-4.35	20.76	7.99	-32.61	17.46	34.26	14.87	34.79	-12.70	-23.22
37	7.13	13.44	6.97	-30.52	21.29	35.22	29.72	33.29	-1.69	-25.02
38	10.05	9.36	-4.97	-23.76	21.95	36.27	40.40	30.79	9.62	-25.97
39	16.94	7.09	-19.00	-22.76	20.51	36.44	46.69	24.12	31.50	-27.13
40	17.52	5.87	-31.37	-20.19	19.54	35.83	47.67	19.49	35.51	-38.02
41	16.20	1.90	-39.79	-22.36	18.62	35.63	46.31	29.95	44.58	-29.21
42	12.59	-1.10	-43.14	-24.35	14.96	34.29	45.21	38.62	49.53	-29.39
43	6.69	-2.20	-42.45	-29.25	12.05	33.51	42.57	44.26	50.24	-27.79
44	3.39	-3.43	-37.45	-33.38	7.25	32.74	37.62	47.88	49.13	-26.22
45	4.20	-14.60	-28.60	-39.50	2.90	33.04	31.10	53.88	44.95	-23.28
46	3.10	-16.98	-17.55	-43.04	2.30	36.13	19.65	55.14	40.86	-21.60
47	2.00	-19.96	-9.68	-43.95	1.40	37.48	11.60	52.91	35.25	-14.37
48	1.00	-22.37	-0.78	-38.77	-1.00	39.46	15.33	47.99	29.39	-11.31
49	-0.30	-31.24	-4.31	-31.26	-4.31	41.84	21.97	40.09	18.94	-4.62
50	0.30	-16.84	4.76	-20.38	-6.17	43.98	24.13	22.30	15.67	5.85

RECORDS-S-252  
DATE AND TIME=1968. 5.16. 9.49

COMPONENTE=M  
SIGNAL=GR.ACC.  
CORRECTION=ARC.ERR.  
TOTAL NUMBER OF DATA=11900

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

STATION=HACHINOHE'S

RECORD=S-252      COMPONENT=E+H      SIGNAL=SQR,ACU.      CORRECTION=ARC,ERR.      STATION=MACHINONE=S  
DATE AND TIME=1968. 5.16. 9.49      SAMPLING INTERVAL= 0.040(SEC)      FORMAT NO.=3041      TOTAL NUMBER OF DATA=11900

NO.	( 5000)	( 5100)	( 5200)	( 5300)	( 5350)	( 5400)	( 5450)
1	15.83	-9.52	-15.02	-7.55	-65.79	5.43	-40.71
2	16.24	-10.61	-7.53	3.28	-49.17	10.73	85.66
3	15.23	-10.86	-2.09	5.52	-60.43	16.09	26.22
4	13.77	-9.40	6.34	8.33	-66.33	17.65	-21.51
5	10.67	-9.39	10.94	10.04	-67.57	18.42	-24.74
6	9.42	-9.09	13.20	11.96	-68.59	18.67	-30.02
7	5.38	-8.71	16.20	13.94	-66.88	18.33	-38.30.
8	-2.69	-9.11	15.24	14.85	-56.82	19.10	-28.29
9	-2.70	-9.49	15.94	15.90	-46.68	23.86	-19.32
10	-5.72	-8.87	17.55	17.73	-36.86	24.20	-14.66
11	-7.90	-7.05	18.25	19.72	-27.02	25.66	-9.55
12	-7.90	-2.79	18.90	21.90	-16.98	22.03	-7.04
13	-7.90	4.82	18.75	30.00	-15.17	19.63	-1.30
14	-7.87	9.60	18.59	36.24	-14.55	19.38	30.06
15	-5.70	14.81	11.49	41.80	-13.64	26.03	30.30
16	-5.69	19.41	7.82	46.88	-13.88	37.82	6.41
17	-4.30	23.64	9.45	51.31	-19.06	34.57	29.99
18	-3.30	29.30	17.04	54.96	-28.45	49.25	27.51
19	-2.20	30.94	15.70	55.60	-38.64	20.60	42.34
20	-1.30	34.30	6.77	53.81	-46.91	49.70	44.19
21	-0.70	36.11	-3.59	52.06	-56.15	48.25	19.21
22	1.10	37.11	-19.82	50.99	-61.66	44.07	17.94
23	2.51	37.02	-29.87	51.23	-63.24	49.34	15.31
24	6.42	35.13	-28.70	52.75	-62.48	57.77	7.89
25	9.34	32.44	-17.66	54.54	-55.37	22.60	0.20
26	16.98	26.83	-3.92	56.35	-46.20	20.78	0.20
27	20.06	20.89	-10.17	59.38	-34.24	46.86	47.96
28	23.54	14.68	-13.50	66.33	-19.07	39.96	52.64
29	29.94	8.07	-16.10	69.22	-16.26	30.27	55.53
30	34.86	5.68	-18.71	70.07	-13.85	33.44	55.41
31	38.13	2.70	-30.96	69.85	-18.26	18.06	-12.40
32	39.64	3.20	-37.56	67.55	-18.27	12.10	-15.51
33	39.86	4.80	-41.02	62.07	-6.49	8.87	6.60
34	38.56	5.30	-41.60	66.52	-8.80	7.33	17.19
35	36.38	4.99	-40.96	48.45	-6.21	9.25	27.26
36	31.90	3.88	-38.71	39.09	-7.44	12.41	4.35
37	26.38	-2.71	-34.91	29.93	-11.17	16.78	7.10
38	22.93	-7.67	-30.38	20.69	-13.85	21.29	16.82
39	18.82	-13.37	-28.53	15.54	-15.00	24.94	23.90
40	14.14	-15.34	-26.20	9.48	-15.03	31.25	46.58
41	12.71	-18.38	-29.00	8.48	-15.80	37.37	40.29
42	13.11	-23.85	-33.09	7.24	-17.71	32.97	32.16
43	13.54	-28.09	-40.14	2.19	-20.53	32.85	37.89
44	14.43	-29.63	-42.50	4.91	-19.72	26.95	36.71
45	14.96	-30.32	-42.20	7.69	-18.65	11.67	39.39
46	14.11	-30.54	-41.30	14.83	-16.69	8.03	43.22
47	12.00	-37.49	-37.58	17.58	-14.57	-4.05	32.21
48	8.80	-25.71	-28.46	20.47	-7.77	8.89	31.63
49	-2.71	-22.52	-19.34	24.61	-5.08	7.50	32.79
50	-6.14	-18.77	-13.24	29.24	0.18	7.65	36.51
							45.23
							2.58

NO.	( 3500 )	( 3550 )	( 3600 )	( 3650 )	( 3700 )	( 3750 )	( 3800 )	( 5650 )	( 5900 )	( 5950 )
1	50.19	25.22	-2.78	16.03	-13.04	9.56	9.79	14.71	7.59	-13.85
2	55.76	6.79	8.04	20.64	-14.02	2.70	9.19	16.80	-0.90	-15.15
3	64.98	-4.03	11.23	27.65	-12.08	1.50	8.54	15.01	-4.95	-16.23
4	71.73	-12.86	12.17	31.42	-11.48	0.20	11.00	11.24	-15.25	-16.70
5	73.74	-21.16	11.25	32.33	-10.89	-0.60	14.72	9.00	-18.18	-16.47
6	76.19	-33.71	15.13	29.02	-10.53	1.50	15.24	3.29	-18.99	-12.66
7	71.05	-40.66	15.86	24.21	-7.61	-2.50	16.02	-0.70	-15.99	-11.48
8	62.85	-44.60	12.94	20.71	-0.20	-2.70	16.43	-2.10	-7.26	-10.89
9	51.37	-49.16	13.58	12.64	0.90	-3.10	17.05	-2.90	-5.99	-10.48
10	39.75	-49.69	10.76	2.68	-2.00	-3.60	18.12	-3.70	-3.30	-9.61
11	27.68	-47.72	9.29	-9.61	-4.51	-4.64	22.86	-5.34	3.00	-10.82
12	18.10	-43.43	8.58	-20.36	-5.81	-13.30	28.43	-12.61	3.40	-11.90
13	5.34	-36.50	7.49	-29.32	-6.49	-16.03	25.42	-15.92	4.40	-12.90
14	-4.14	-30.17	6.89	-41.36	-5.49	-25.85	21.48	-18.30	4.79	-12.90
15	-14.04	-23.80	-3.50	-48.18	-4.25	-32.99	18.17	-21.09	2.60	-12.88
16	-20.23	-16.72	-4.21	-51.89	7.15	-41.10	12.46	-23.27	0.90	-12.57
17	-29.33	-7.77	-6.10	-53.06	11.91	-46.36	11.23	-26.22	-0.00	-11.48
18	-36.74	-5.69	-5.50	-52.71	15.53	-50.58	8.67	-26.82	-0.80	-10.68
19	-41.87	-4.90	-4.89	-51.67	16.26	-47.00	6.72	-26.28	-2.80	-10.03
20	-47.61	-4.59	-3.80	-48.44	19.60	-41.48	-1.40	-24.81	-2.90	-11.85
21	-50.65	-1.10	-6.18	-44.36	28.43	-35.51	-7.04	-19.31	-4.60	-13.42
22	-52.30	0.40	4.96	-38.58	35.38	-29.04	-7.45	-15.40	-5.70	-14.03
23	-53.22	5.72	12.45	-29.09	40.92	-21.15	-11.15	-4.37	-6.38	-14.75
24	-55.14	7.93	20.32	-22.51	44.72	-16.71	-5.78	2.81	-4.28	-15.35
25	-48.63	10.42	29.37	-16.86	48.67	-13.62	-3.00	6.34	0.80	-16.73
26	-39.64	11.52	30.17	-16.30	51.56	-11.68	-0.60	10.65	4.21	-17.23
27	-28.07	11.98	27.79	-16.30	52.51	-11.00	3.11	16.63	7.96	-17.46
28	-16.57	11.08	27.97	-16.30	53.22	-10.89	8.10	16.94	12.53	-15.14
29	-9.55	6.77	25.23	-16.30	53.68	-6.70	22.20	14.30	16.44	-10.01
30	2.61	3.80	23.68	-16.37	54.05	-6.28	29.59	9.97	18.74	-5.76
31	9.17	2.58	19.04	-17.65	55.45	-4.40	33.64	8.53	19.24	-0.60
32	26.97	-12.56	2.19	-20.43	58.12	-3.69	36.15	4.37	16.54	4.40
33	50.73	-16.83	-7.02	-26.69	61.57	-0.90	33.62	-2.91	14.87	4.89
34	55.84	-12.45	-18.94	-25.94	64.04	-0.30	29.81	-2.90	12.28	2.80
35	52.14	-8.08	-28.39	-24.89	64.93	2.00	20.72	-16.85	11.76	1.00
36	32.71	-6.90	-33.30	-24.29	62.97	4.89	12.94	-24.45	10.58	-0.00
37	29.61	-6.49	-40.24	-24.99	58.89	3.10	8.47	-29.30	9.77	-1.80
38	24.21	-4.89	-44.29	-25.71	50.25	3.60	-0.00	-30.13	8.27	-3.40
39	18.61	-2.89	-45.77	-26.22	40.75	4.40	-9.47	-25.38	-0.50	-6.92
40	8.95	5.13	-45.63	-24.99	32.94	4.70	-9.47	-18.22	-4.10	-9.15
41	6.16	10.72	-43.34	-21.95	26.57	4.90	-13.43	-13.97	-4.89	-11.95
42	10.01	13.71	-41.13	-18.24	20.69	4.80	-15.12	-2.10	-3.40	-16.43
43	19.79	21.97	-36.02	-14.00	13.58	5.71	-18.66	-2.10	-3.40	-16.43
44	24.33	29.01	-29.47	-8.20	10.62	6.51	-15.12	3.11	-2.90	-13.55
45	34.75	30.56	-24.45	-4.20	11.32	8.04	-11.49	8.36	-2.90	-13.55
46	41.03	28.37	-17.60	5.51	12.22	10.59	-4.48	12.29	0.50	-12.17
47	45.24	22.66	-11.77	-6.51	12.91	10.03	-0.40	15.02	0.90	-12.47
48	45.28	8.99	-4.26	-7.82	13.28	11.21	4.23	15.00	-3.20	-14.52
49	42.72	-2.90	4.82	-9.46	12.74	11.67	7.13	13.24	-4.93	-14.87
50	34.35	-2.85	10.46	-11.25	11.21	10.73	10.96	10.43	-9.45	-16.27

NO.	STATION=HACHINOHE#S TOTAL NUMBER OF DATA=11900									
	( 6000)	( 6050)	( 6100)	( 6150)	( 6200)	( 6250)	( 6300)	( 6350)	( 6400)	( 6450)
1	-13.68	-11.35	-4.51	-6.44	14.31	-25.79	-9.24	31.85	4.88	-1.50
2	-15.23	-13.18	-5.80	0.20	12.27	-26.67	-5.79	31.26	12.32	-1.90
3	-14.16	-15.29	-5.27	8.70	11.41	-26.88	-4.839	31.37	9.80	-3.61
4	-15.48	-17.24	-9.90	15.19	8.04	-27.24	-2.159	32.86	5.00	-5.74
5	-16.94	-19.24	6.32	19.02	1.90	-26.79	2.330	36.08	4.61	-11.75
6	-15.94	-18.28	8.55	20.64	-1.50	-25.73	2.80	41.27	6.01	-13.46
7	-14.87	-13.84	11.94	23.27	-2.50	-22.65	2.30	42.76	6.90	-15.13
8	-15.75	-7.85	13.12	24.92	-3.00	-20.17	0.90	42.82	7.20	-19.76
9	-3.20	-4.19	15.67	22.20	-3.50	-15.48	42.80	42.80	6.77	-22.67
10	-1.20	-2.00	12.86	19.78	-4.52	-11.36	-2.00	42.58	3.99	-23.26
11	-1.10	-0.40	11.60	11.74	-9.02	-6.48	-2.70	40.06	2.30	-23.83
12	4.41	3.81	8.30	3.39	-10.31	-3.90	-3.10	40.58	0.10	-23.06
13	6.02	5.70	1.60	-2.00	-10.70	-3.70	-3.10	38.44	-3.82	-21.10
14	8.90	6.01	-0.42	4.53	-10.90	-2.10	-3.50	35.00	-9.78	-20.09
15	14.60	6.91	-11.14	-11.05	-10.91	0.10	-3.70	33.43	-13.79	-18.84
16	16.75	7.60	-19.80	-13.14	-11.59	3.10	-4.30	31.61	-16.11	-17.96
17	17.46	7.91	-29.51	-14.25	-11.08	3.10	-3.70	28.21	-19.83	-15.99
18	16.85	8.52	-25.89	-15.45	-10.98	2.40	-2.90	25.76	-21.16	-12.08
19	15.83	9.70	-17.60	-16.26	-9.41	-0.60	-2.00	17.45	-20.61	-8.29
20	12.72	9.67	-12.72	-14.55	-9.84	-1.20	0.10	10.89	-18.54	-7.73
21	10.30	7.94	-11.78	-5.27	-11.78	-9.74	0.90	2.79	-16.31	-2.49
22	6.17	3.50	-1.89	0.30	-14.57	-9.74	5.42	-1.20	-13.02	6.87
23	2.60	1.70	6.89	6.53	-16.05	-11.93	7.81	-10.18	-10.64	13.66
24	2.20	0.50	15.92	9.37	-17.00	-12.61	8.81	-13.85	-8.56	15.50
25	4.51	-1.90	21.54	13.27	-18.73	-13.18	9.51	-17.68	-6.26	15.10
26	7.33	4.72	11.95	12.31	-20.23	-12.65	9.91	-23.20	-4.09	12.75
27	10.37	9.26	22.39	9.48	-19.66	-11.19	10.42	-24.77	-2.70	0.60
28	15.38	-12.54	22.17	3.29	-17.75	-7.07	11.10	-24.49	-0.40	-4.94
29	18.04	-13.66	20.55	-0.10	-16.99	-4.69	11.03	-19.25	-0.10	-12.61
30	18.49	-15.07	14.84	-1.60	-16.84	-2.60	12.39	-13.84	-0.50	-15.74
31	16.97	-14.46	11.68	-2.10	-17.43	-2.00	18.30	-7.89	-0.80	-16.54
32	14.98	-13.23	10.98	-1.30	-17.78	-1.60	20.98	-7.39	-1.20	-17.20
33	14.58	6.26	8.37	0.50	-17.44	-1.70	22.52	-6.92	-0.90	-17.17
34	14.39	1.70	8.97	-0.40	-16.55	-2.60	28.77	-9.15	0.10	-16.79
35	18.52	-0.30	7.20	0.150	-15.78	-2.70	30.85	-11.75	6.90	-16.55
36	20.28	6.22	7.10	3.21	-15.40	-2.20	32.68	-13.51	7.20	-15.73
37	22.38	8.41	7.20	8.49	-15.39	-1.70	35.54	-13.83	7.06	-14.28
38	24.47	9.32	6.90	-14.49	-15.52	-1.40	40.21	-14.51	3.29	-11.57
39	22.61	10.30	6.69	-16.50	-15.54	-2.10	42.86	-14.70	-1.20	-7.19
40	19.60	10.19	6.07	-18.24	-14.37	-2.80	43.46	-14.49	-10.81	-6.50
41	12.73	9.57	2.60	-18.55	-11.59	-4.91	44.25	-9.90	-15.57	-6.10
42	8.83	7.87	0.10	-16.42	-11.31	6.10	44.47	-5.19	-22.69	-6.40
43	4.48	5.59	-2.10	-11.61	-11.70	-5.69	43.45	-2.69	-26.06	-6.40
44	-0.50	4.40	-6.55	-5.60	-11.85	-5.09	40.95	2.61	-26.55	-6.69
45	-1.30	4.50	-12.00	-5.48	-13.53	-4.70	37.96	10.01	-20.18	-6.10
46	-3.51	3.70	-13.17	-1.89	-16.85	-4.70	36.05	15.04	-14.67	-6.10
47	-6.62	3.60	-18.60	6.73	-19.45	-5.71	35.08	15.94	-11.70	-5.70
48	-9.21	3.10	-19.74	9.54	-22.32	-7.55	34.00	16.66	-7.51	-6.10
49	-9.61	1.30	-17.76	11.86	-22.65	-11.33	33.14	15.96	-3.90	-6.59
50	-10.47	-1.61	-14.03	13.15	-24.30	-10.33	32.54	15.47	-2.70	-5.89

RECORD=S-252      COMPONENT=E-H      SIGNAL=GR,ACC.      CORRECTION=ARC,ERR.      STATION=MACHINDME-8  
 DATE AND TIME=1968. 5.16. 9.49      SAMPLING INTERVAL=0.010(SEC)      FORMAT=NO.#301      TOTAL NUMBER OF DATA=11900

NO.	( 6500 )	( 6550 )	( 6600 )	( 6650 )	( 6700 )	( 6750 )	( 6800 )	( 6850 )	( 6900 )	( 6950 )
1	-5.20	10.77	9.09	2.30	5.29	-3.10	7.51	-13.52	-10.75	6.51
2	-5.93	13.61	8.69	3.50	4.30	-2.70	8.60	-15.93	-8.86	7.31
3	-9.69	16.33	7.99	4.70	3.30	0.60	8.29	-14.69	-6.66	7.81
4	-14.22	18.52	7.07	5.40	2.30	-0.40	7.60	-14.56	-2.60	8.30
5	-17.27	18.75	4.10	5.90	1.70	0.50	7.91	-15.86	-1.00	8.51
6	-24.38	18.10	6.30	5.40	0.70	0.40	8.41	-16.96	3.41	8.88
7	-26.37	16.69	2.90	4.60	-1.30	0.30	9.06	-17.86	6.43	7.98
8	-26.47	14.77	5.32	3.70	-2.70	-1.20	7.09	-18.74	9.55	6.28
9	-23.83	9.89	7.89	3.00	-3.00	-2.90	6.00	-19.29	12.07	3.89
10	-18.13	4.88	10.96	1.90	-3.90	-5.91	5.39	-19.16	14.52	1.90
11	-15.64	1.30	15.64	3.10	-4.90	-7.20	4.40	-18.66	17.17	2.40
12	-10.78	-0.90	19.42	5.11	-4.40	-6.80	3.30	-18.11	18.22	1.80
13	-5.88	-1.70	20.88	6.00	-4.40	-6.29	2.20	-16.83	18.46	1.20
14	-3.80	-2.80	22.33	5.50	-5.01	-5.71	1.50	-15.62	17.93	0.60
15	-3.40	-3.80	28.19	5.71	-6.71	-6.71	1.00	-14.05	16.92	0.10
16	-2.90	-3.00	31.61	7.72	-7.82	-8.13	1.30	-12.78	15.86	-0.60
17	-2.30	-0.60	35.60	9.42	-8.81	-9.94	2.30	-10.58	14.83	-1.00
18	-3.20	3.40	39.38	10.52	-9.56	-11.84	3.70	-8.40	13.42	-0.80
19	-3.90	5.11	41.00	11.11	-12.78	-12.00	5.41	-6.40	11.44	-0.10
20	-4.60	7.72	27.49	11.40	-17.35	-8.68	6.43	-2.90	9.21	0.40
21	-4.30	9.15	25.06	11.39	-14.62	-7.68	9.83	-3.70	4.18	1.20
22	-5.70	12.14	20.88	10.95	-21.84	-5.99	11.34	-3.10	-0.50	1.60
23	-3.40	13.54	17.30	9.18	-22.33	-5.10	12.65	-2.50	-2.60	2.20
24	-2.90	19.23	10.00	8.06	-22.92	-4.40	11.17	-1.90	-5.23	3.10
25	-2.10	17.19	5.35	5.19	-21.95	-3.30	9.95	1.20	-11.20	3.70
26	0.20	15.51	-2.10	2.89	-18.79	-2.80	7.62	3.30	-15.06	4.71
27	4.11	13.66	-5.41	-1.50	-17.41	-2.10	1.60	4.40	-18.30	7.75
28	8.23	7.92	-7.73	-2.70	-15.92	-1.70	-1.50	5.40	-19.56	11.45
29	10.61	1.80	-10.13	-3.10	-12.56	-1.00	-3.51	6.01	-19.00	16.80
30	11.31	-4.21	-11.53	-1.40	-8.61	-0.20	-7.83	7.00	-17.69	18.29
31	15.22	-6.82	-12.48	0.10	-3.30	0.20	-10.12	7.31	-15.94	16.04
32	17.68	-8.53	-11.78	0.90	-1.20	0.10	-10.93	7.81	-12.95	15.00
33	18.87	-10.25	-10.96	3.50	11.72	-0.60	-12.22	8.31	-6.26	11.77
34	19.68	-8.08	-9.46	5.12	19.00	-1.20	-12.67	8.89	-2.00	10.61
35	19.33	-6.69	-7.26	8.54	20.44	-2.60	-11.71	8.19	2.80	3.10
36	18.53	-5.47	-4.09	11.31	23.02	-5.01	-12.11	7.69	4.70	1.30
37	17.65	-0.90	-2.20	11.67	24.09	-7.62	-12.52	7.09	5.39	-0.40
38	16.86	0.40	0.40	10.38	24.64	-9.21	-13.17	5.99	4.00	-3.21
39	14.51	-0.40	4.72	9.89	24.08	-9.62	-12.26	4.79	3.40	-5.81
40	10.35	-0.40	8.43	9.26	23.14	-10.38	-10.97	3.30	2.90	-6.59
41	8.34	-0.40	10.52	6.87	22.66	-9.69	-8.78	1.60	2.40	-5.49
42	4.49	0.70	11.28	5.59	22.15	-9.28	-8.86	-0.40	1.80	-3.99
43	2.10	2.70	10.65	0.60	20.73	-8.38	-6.41	-1.50	-0.30	-1.00
44	-0.10	4.61	8.35	-0.50	18.73	-7.58	-7.41	-2.70	-1.40	0.30
45	-1.40	7.53	3.29	1.20	13.96	-5.99	-8.52	-3.61	-0.70	0.30
46	-2.30	9.73	3.59	4.11	8.35	-5.00	-9.73	-6.74	-0.40	-0.20
47	-0.90	11.08	-0.80	6.91	-1.60	-4.49	-11.39	-10.75	1.30	-0.90
48	4.90	10.49	-2.60	7.89	-2.40	-1.10	-10.89	-12.69	3.10	-0.80
49	8.03	10.19	-1.30	7.09	-3.40	1.40	-10.73	-12.27	4.00	-0.80
50	8.39	9.64	0.50	6.19	-3.25	4.47	-12.14	-11.53	5.16	-2.30

RECORD=S-252  
 DATE AND TIME=1968. 5.16. 9.49  
 COMPONENT=E-H  
 SIGNAL=GR,ACC.  
 SAMPLING INTERVAL=0.010(SEC)  
 CUR-RECTION=ARC,ERR.  
 FORMAT NO.=301  
 STATION=MACHINOME=S.  
 TOTAL NUMBER OF DATA=11900

NO.	( 7000)	( 7050)	( 7100)	( 7150)	( 7200)	( 7250)	( 7300)	( 7350)	( 7400)	( 7450)
1	-5.80	-4.30	-17.08	6.66	0.50	7.72	16.63	22.71	-18.75	-0.40
2	-5.13	-5.01	-16.66	2.60	1.50	8.95	18.71	32.82	-19.00	-1.40
3	-10.12	-7.13	-15.97	-0.10	2.20	11.85	19.06	38.96	-16.29	-2.00
4	-11.21	-9.62	-15.36	1.00	2.20	16.14	21.13	43.52	-11.03	-0.80
5	-11.51	-10.62	-14.66	-3.81	1.20	18.70	23.51	44.61	-4.59	1.40
6	-11.91	-11.41	-13.86	-5.50	-3.50	20.08	25.40	44.90	-1.69	2.40
7	-8.64	-11.91	-12.88	-5.88	-5.12	21.13	27.44	42.75	7.81	3.70
8	-2.48	-12.09	-10.71	-2.90	-8.84	24.22	28.10	37.69	8.41	5.31
9	-2.39	-11.71	-6.99	-1.80	-10.94	30.84	27.44	33.14	8.94	6.59
10	6.33	-12.11	-6.28	-0.10	-12.52	31.95	26.12	29.69	11.54	5.99
11	10.17	-12.40	-4.49	7.16	-13.23	32.66	22.86	23.70	12.82	4.98
12	15.17	-12.40	-4.50	9.78	-14.16	33.20	18.92	20.61	13.28	1.10
13	15.13	-10.64	0.00	13.88	-15.55	32.63	13.09	18.65	12.63	-1.60
14	15.66	-8.16	2.60	20.47	-16.58	29.52	9.91	18.01	10.55	-3.50
15	14.64	-5.70	5.61	21.62	-18.04	23.86	1.00	18.10	8.52	-5.10
16	13.60	-5.30	7.71	22.40	-21.88	19.49	-3.11	17.98	3.19	-5.70
17	11.03	-4.89	8.63	22.60	-22.21	13.63	-9.89	15.37	-0.40	-6.90
18	8.23	-2.20	10.23	20.88	-23.21	9.46	-13.99	11.00	-2.30	-6.70
19	5.20	-1.50	11.80	14.72	-24.19	7.54	-16.11	7.04	-4.23	-6.29
20	1.90	0.80	15.12	11.00	-24.41	2.69	-18.14	1.60	-2.10	-5.37
21	1.20	1.30	17.46	7.24	-23.95	-0.80	-20.00	3.63	-15.39	-0.50
22	2.70	1.30	18.39	2.10	-22.59	-2.91	-19.86	12.67	-17.60	9.58
23	5.70	1.70	19.55	-0.30	-17.12	-6.56	-18.12	-17.85	-24.97	13.32
24	5.70	1.70	20.10	-1.70	-15.57	-13.12	-15.57	-26.01	-27.43	13.68
25	5.00	1.70	20.00	-2.70	-7.78	-16.45	-12.95	-30.52	-26.02	13.32
26	1.80	0.90	18.49	-3.20	-6.48	-18.57	-6.19	-30.20	-16.62	13.68
27	0.80	-0.60	15.17	-3.70	-4.70	-19.15	-4.50	-26.99	-11.87	13.19
28	-0.10	-1.80	9.57	-6.40	-4.30	-14.63	-3.50	-16.66	-4.59	12.77
29	-1.20	-3.10	3.19	-2.70	-3.80	-5.05	-2.20	-12.50	-2.90	11.76
30	-2.20	-3.30	-0.50	-1.10	-4.72	-1.60	-1.60	-1.60	-2.80	10.37
31	-3.40	-3.70	-4.00	0.80	-8.96	11.21	-1.00	8.32	-2.70	8.98
32	-5.11	-3.10	-4.20	1.80	-12.54	19.38	-1.10	9.73	-3.10	7.78
33	-7.33	-1.10	-3.69	3.50	-13.83	25.34	-1.60	11.47	-1.40	5.98
34	-10.26	-0.60	0.70	2.70	-19.43	28.57	-2.70	13.93	-0.90	2.90
35	-12.84	-0.60	6.73	0.20	-21.82	31.24	-5.80	14.50	-0.10	2.10
36	-13.86	-0.60	9.51	-2.91	-23.89	33.11	-6.29	12.32	1.80	1.60
37	-15.21	-1.10	9.83	-6.55	-26.72	34.07	-5.70	9.71	4.91	2.10
38	-15.42	-1.80	11.08	-11.81	-27.42	35.06	-5.00	5.29	6.50	2.50
39	-15.84	-3.40	10.19	-15.60	-27.02	35.58	-4.50	3.30	6.91	3.10
40	-12.46	-4.10	8.71	-21.41	-23.59	35.64	-4.50	3.10	8.21	3.40
41	-11.28	-4.72	10.34	-23.42	-17.50	34.42	-4.80	3.50	8.81	3.60
42	-10.45	-8.83	12.30	-27.39	-15.43	30.93	-5.30	3.50	9.29	4.00
43	-8.48	-10.54	12.43	-29.85	-5.48	24.45	-5.80	3.70	8.48	4.30
44	-6.99	-12.27	13.86	-26.31	-2.88	24.47	-6.30	3.30	7.49	4.30
45	-6.30	-14.35	12.02	-21.28	6.82	22.68	-6.68	1.50	6.59	3.00
46	-6.28	-15.64	10.48	-16.54	8.51	20.71	-5.06	-1.80	5.10	3.00
47	-4.40	-18.16	12.85	-13.46	9.29	18.66	-4.66	4.40	4.40	2.20
48	-4.30	-19.02	11.46	-7.57	8.98	16.86	-11.49	3.80	3.80	2.60
49	-4.30	-19.25	10.17	-4.89	8.09	16.31	8.48	-11.47	2.30	2.30
50	-4.30	-18.12	8.42	-2.19	7.90	16.41	15.39	-16.83	0.95	4.40

NO.	( 7900 )	( 7550 )	( 7000 )	( 7650 )	( 7700 )	( 7750 )	( 7800 )	( 7850 )	( 7900 )	( 7950 )
1	4.90	13.21	-4.51	16.37	-17.20	-19.02	25.19	-0.70	-14.21	-10.49
2	5.00	19.03	-6.01	20.52	-15.64	-15.54	24.41	-1.20	-10.06	-12.41
3	5.31	23.83	-6.59	24.08	-14.50	-12.47	23.49	-1.80	-8.41	-14.55
4	6.20	30.43	-7.69	26.35	-12.13	-8.74	20.90	-2.40	-9.01	-13.23
5	6.70	33.45	-4.20	23.66	-6.96	-5.08	17.81	-2.90	-9.81	-3.79
6	7.10	34.98	-3.80	22.41	-3.59	-2.09	15.17	-3.41	-10.49	-0.70
7	7.30	35.31	-3.40	19.89	-0.40	6.10	14.55	-5.49	-9.89	2.51
8	7.49	35.47	-2.90	10.06	-0.10	6.50	15.62	-3.78	-9.19	7.24
9	6.58	35.02	-1.90	3.98	0.30	6.09	16.06	-1.61	-8.49	11.00
10	4.19	34.55	-1.40	7.36	0.50	5.10	17.04	1.61	-7.68	14.89
11	1.40	32.03	-0.90	-5.95	12.52	4.30	17.78	14.63	-5.89	16.70
12	-2.71	25.07	-0.20	18.94	18.94	5.42	19.24	6.99	-4.19	16.59
13	-11.25	19.34	-1.12	-15.59	20.65	8.64	23.54	-3.63	-2.10	14.71
14	-10.65	7.49	8.61	-19.15	21.11	10.92	24.88	-12.46	2.10	10.82
15	-19.57	-1.50	9.01	-21.13	20.20	11.53	28.36	-1.10	3.70	0.60
16	-20.64	-4.72	9.41	-23.14	18.84	12.42	29.80	1.60	3.10	-3.71
17	-28.20	-8.62	9.88	-21.55	15.51	13.15	27.76	10.01	2.10	-11.95
18	-20.83	-10.13	9.01	-17.99	11.92	13.92	23.61	15.28	2.10	-7.25
19	-16.59	-11.27	9.57	-12.27	9.14	14.48	20.12	18.74	1.00	-16.90
20	-11.57	-10.27	8.26	-5.27	0.50	13.94	13.53	19.25	-0.00	-19.81
21	-7.09	-9.09	5.48	-0.70	-2.41	12.55	2.39	20.00	-1.60	-17.57
22	-6.59	-8.58	1.70	-6.72	-6.72	11.05	-7.54	22.26	-6.30	-1.57
23	-5.90	-7.39	0.70	-8.92	-8.92	9.48	-27.10	25.66	-4.82	-15.72
24	-5.33	-6.81	-0.20	3.91	-9.89	8.69	-36.25	23.90	-9.68	-14.18
25	5.32	-7.41	0.70	8.31	-9.29	8.02	-38.12	21.45	-8.79	-11.28
26	8.78	-8.16	1.30	8.72	-8.61	9.18	-31.69	11.80	-8.09	-7.09
27	10.77	-12.27	6.33	9.79	-3.09	13.77	-26.14	5.26	-7.29	-5.90
28	13.61	-14.42	9.65	9.06	1.90	17.95	-21.21	-2.20	-6.29	-6.81
29	18.81	-14.88	12.22	6.76	8.18	20.08	-18.29	-2.50	-2.50	-6.72
30	21.44	-14.33	12.82	2.80	14.33	20.93	-11.05	-14.57	-4.90	-8.74
31	21.77	-12.89	10.52	0.00	14.33	20.93	-11.05	-14.57	-4.90	-8.74
32	21.44	-12.72	7.12	-2.71	19.41	21.16	-5.56	-15.31	-3.60	-11.15
33	20.86	-15.22	-0.00	-0.00	21.85	20.76	0.90	-15.31	-3.60	-12.33
34	20.46	-13.82	-3.21	-0.92	22.34	20.35	10.99	-11.63	-1.90	-13.09
35	19.95	-14.37	-8.78	-10.92	21.67	19.33	18.28	-5.75	-1.10	-12.70
36	19.16	-13.59	-10.65	-11.51	20.81	16.51	21.83	1.30	0.50	-12.59
37	16.17	-8.32	-17.71	-8.59	14.89	13.02	20.74	7.96	1.90	-12.49
38	12.17	-2.70	-24.08	-2.29	10.63	8.21	15.92	12.01	0.10	-11.87
39	8.23	-1.00	-29.34	3.52	7.61	2.39	11.09	9.26	-1.90	-10.96
40	3.30	0.60	-32.16	10.76	0.90	-2.71	10.59	7.36	-4.61	-9.29
41	1.90	1.70	-35.02	21.03	-5.04	-2.71	10.00	10.11	-6.23	-8.98
42	1.60	3.00	-39.77	42.71	-11.82	-10.03	9.91	10.11	-6.23	-8.98
43	1.00	1.00	-41.01	22.72	-16.01	-7.86	5.65	12.89	-9.17	-6.08
44	1.30	1.30	-28.68	70.00	-23.31	4.49	-0.90	7.86	-7.28	-7.11
45	2.20	2.80	-25.95	4.11	-26.21	-1.79	-1.80	7.86	-5.69	-7.60
46	3.21	3.20	-20.86	-4.11	-29.55	8.41	-1.80	2.20	-4.50	-8.01
47	6.32	3.70	-14.51	-5.95	-31.59	16.23	-2.10	2.20	-4.50	-8.01
48	8.23	3.09	-6.34	-12.57	-32.00	23.84	-2.10	-6.35	-3.00	-8.38
49	10.44	0.90	0.20	-14.80	-26.84	27.13	1.20	-11.70	3.80	-7.17
50	11.74	-2.70	6.77	-16.07	-22.84	26.16	0.15	-15.03	5.01	-0.20
								-14.69	-7.74	-14.69

RECORD=S-2>2	COMPONENT=L-H	SIGNAL=GR,ACC.	CORRECTION=ARC,ERR.	STATION=MACHINOH#6					
DATE AND TIME=1968. 5.16. 9.49	SAMPLING INTERVAL=0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=1900						
NO.	( 8050)	( 8100)	( 8150)	( 8200)	( 8250)	( 8300)	( 8350)	( 8400)	( 8450)
1	11.76	-2.50	10.53	29.59	16.73	-7.69	-6.96	-11.62	0.90
2	20.54	-0.40	3.39	31.82	13.89	-6.87	-13.17	-12.41	2.71
3	29.17	3.80	0.40	34.00	11.23	-5.85	-14.97	-12.62	8.65
4	28.99	4.81	2.00	35.22	8.71	-8.24	-16.83	-10.08	11.60
5	27.79	6.89	3.71	35.72	3.09	9.16	-16.80	-4.88	15.15
6	25.30	6.29	8.42	33.19	-1.70	12.42	-15.15	-1.10	18.15
7	22.00	4.59	9.75	27.44	-3.92	19.04	-14.04	0.20	20.37
8	14.79	1.50	12.19	22.35	-8.74	20.80	-12.54	1.10	23.43
9	8.53	-1.80	15.24	16.41	-10.94	22.09	-10.60	0.70	25.97
10	4.29	-6.73	19.81	8.38	-12.45	24.99	-2.70	19.66	25.97
11	0.90	-10.37	19.56	0.50	-14.04	27.88	-1.10	20.28	22.86
12	-0.00	-13.27	20.00	-6.76	-15.02	29.80	0.50	20.07	18.11
13	-0.30	-15.23	20.00	-12.57	-15.36	29.72	-0.50	19.44	11.42
14	1.60	-19.49	17.45	-17.68	-14.61	28.95	-5.93	-2.50	1.99
15	5.90	-17.92	12.36	-23.23	-12.89	26.92	-10.01	0.90	-6.16
16	6.50	-13.74	8.22	-25.87	-3.49	24.08	-10.71	6.50	-14.00
17	6.89	-5.29	3.09	-26.03	-0.90	21.24	-11.10	6.81	-19.21
18	9.29	-3.28	-0.00	-24.29	7.11	18.99	-11.08	7.72	-26.99
19	-0.30	5.02	-2.70	-23.41	8.50	16.41	-10.16	8.91	-31.18
20	-4.01	10.01	-5.21	-22.41	15.25	14.98	-8.49	9.17	-38.70
21	-8.66	14.83	-7.20	-19.83	20.35	14.41	-7.79	7.44	-36.12
22	-12.31	19.49	-7.49	-17.88	23.14	12.43	-7.40	2.70	-35.59
23	-16.01	14.10	-6.49	-16.05	25.33	10.49	-7.00	-0.10	-31.51
24	-21.92	14.13	-5.70	-11.76	27.09	9.97	-6.70	-2.10	-26.25
25	-22.57	14.83	-5.40	-9.69	24.88	8.79	-6.80	-1.50	-18.62
26	-21.94	15.49	-5.40	-9.08	20.84	8.29	-7.00	-10.07	-12.56
27	-18.75	15.38	-4.69	-8.69	14.18	7.58	-7.80	-15.11	-8.55
28	-17.43	14.91	-3.59	-2.69	9.17	5.98	-7.00	-13.38	-4.09
29	-16.89	13.11	-0.70	4.81	2.29	3.29	-6.00	-12.78	-1.90
30	-4.59	10.53	-0.20	5.46	-0.81	-1.20	-6.90	-1.90	1.20
31	-1.70	7.71	-0.20	7.71	-6.75	-4.53	-6.71	-5.38	5.73
32	6.51	0.90	0.50	-0.50	-12.21	-10.43	-7.51	-2.39	10.22
33	6.89	-3.41	-0.00	-4.11	-12.62	-16.21	-8.11	-2.39	11.13
34	14.35	-5.93	-0.40	-6.20	-13.21	-20.48	-8.48	4.20	12.17
35	17.67	-9.73	-0.70	-8.21	-13.90	-29.88	-6.89	4.79	11.20
36	18.71	-11.44	0.80	-8.81	-13.38	-37.40	-6.18	2.30	10.98
37	20.10	-14.52	0.80	-9.70	-10.15	-40.05	-4.29	2.30	7.67
38	20.09	-14.41	4.20	-9.64	-3.38	-41.86	-2.40	-2.91	-2.51
39	19.92	-6.06	4.20	-11.55	8.04	-40.80	-1.10	-8.23	-10.82
40	18.86	-1.59	3.10	-13.26	13.16	-35.33	0.40	-10.01	-15.73
41	16.92	8.87	0.90	-14.41	13.54	-31.70	3.70	-10.33	-13.73
42	12.48	13.49	4.92	-15.22	14.52	-14.99	3.70	-10.33	-24.19
43	8.95	20.78	9.15	-17.17	14.52	-14.99	3.70	-11.79	-29.51
44	6.95	22.63	11.69	-18.01	14.61	-4.95	9.75	-11.79	-27.77
45	5.96	22.78	18.01	-18.01	10.91	3.21	3.20	-11.27	-22.26
46	0.20	21.43	21.05	-16.94	3.78	8.14	3.00	-10.26	-14.79
47	-1.70	15.91	16.90	-5.77	-1.59	8.14	3.00	-10.26	-14.79
48						8.14	3.00	-10.26	-14.79
49						8.14	3.00	-10.26	-14.79
50						8.14	3.00	-10.26	-14.79

RECORDS=252  
 DATE AND TIME=1968. 5.16. 9.49 COMPONENTS=M SIGNAL=DR,ACC. CURRENTION=ARC,ERR. STATION=MACHINHOE#6  
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA=1900

NO.	( 8300)	( 8550)	( 8600)	( 8650)	( 8700)	( 8750)	( 8800)	( 8850)	( 8900)	( 8950)
1	4.80	27.24	12.45	5.26	-12.48	12.08	6.51	0.40	-12.05	10.65
2	5.10	22.50	16.80	-0.90	-6.01	11.48	7.11	1.30	-10.54	8.78
3	5.39	16.29	16.80	-4.01	5.84	10.92	7.69	-0.20	-8.19	7.65
4	3.69	7.85	16.81	-7.76	11.21	11.53	6.88	-1.50	-7.59	5.59
5	1.80	-2.91	16.81	-12.63	15.27	12.65	5.09	-2.70	-6.79	1.70
6	-0.70	-6.96	17.35	-13.49	16.88	17.00	3.31	-3.70	-6.09	-0.30
7	-0.10	-12.39	14.44	-15.67	21.19	18.64	5.50	-4.71	-5.31	-0.90
8	-5.21	-15.04	12.71	-16.86	20.90	19.23	6.21	-6.31	-6.50	-0.30
9	-6.28	-15.72	18.28	-16.20	18.67	20.64	6.98	-7.82	-6.91	0.30
10	-4.49	-14.15	2.00	-14.52	14.54	20.00	4.99	-7.82	-6.91	0.30
11	-3.00	-10.11	-0.10	-12.61	13.28	19.98	3.60	-10.93	-8.33	0.50
12	-1.60	-7.28	-1.40	-10.32	12.65	19.80	2.30	-12.13	-10.12	0.50
13	0.80	-5.39	-0.90	-6.87	11.07	19.72	1.00	-13.12	-10.88	-0.70
14	2.30	-3.39	-0.90	-4.28	9.99	18.73	2.30	-16.42	-9.99	0.20
15	2.40	-0.40	-0.50	1.30	9.28	17.63	4.50	-18.15	-9.39	0.40
16	2.70	4.31	-0.40	7.73	7.99	15.27	5.30	-16.07	-8.69	2.60
17	3.50	7.11	-0.90	10.33	7.12	14.65	5.99	-15.43	-8.10	2.60
18	4.50	7.71	-2.30	11.65	9.34	13.64	5.09	-14.08	-7.96	8.55
19	4.60	8.71	-1.60	9.86	11.65	12.23	3.30	-13.58	-5.19	11.82
20	4.20	9.31	-0.90	7.77	16.14	12.23	3.30	-13.58	-3.50	15.78
21	3.10	9.92	-0.70	5.29	17.09	8.48	1.90	-13.09	-1.80	17.24
22	2.50	10.97	-1.40	3.58	17.09	8.48	1.90	-12.75	-1.80	17.76
23	1.80	17.26	1.00	-2.90	20.71	7.08	1.00	-11.39	2.40	17.15
24	0.50	18.14	0.80	-5.11	30.22	5.28	-0.70	-10.89	3.90	16.04
25	-0.90	18.45	0.40	-7.41	33.92	1.30	-1.60	-10.46	4.50	14.83
26	-3.00	16.47	1.10	-16.82	35.03	0.90	-2.40	-8.89	5.29	11.38
27	-5.42	14.21	1.80	-22.20	35.62	-1.30	-3.20	-8.09	5.50	10.40
28	-6.93	12.07	2.30	-26.50	35.74	-2.20	-4.09	-7.20	6.17	6.17
29	-10.72	11.03	1.30	-27.26	34.10	-2.70	-6.09	-6.77	1.70	3.10
30	-11.59	8.46	0.40	-28.13	32.32	-3.80	-4.99	-3.70	0.90	0.80
31	-11.37	5.59	-0.70	-27.82	28.10.	-3.20	-2.70	-2.30	2.80	0.10
32	-10.19	4.09	-0.30	-24.24	17.46	-1.50	-1.40	-0.20	5.20	0.60
33	-9.69	1.90	0.20	-14.01	14.93	-0.40	-0.70	0.20	6.01	1.40
34	-9.28	0.10	0.80	-11.07	5.67	0.00	0.50	0.50	7.09	3.31
35	-8.29	-2.81	3.10	-9.94	2.00	2.00	-0.70	-0.90	5.78	8.03
36	-7.29	-10.57	7.01	-7.26	-0.00	4.51	-0.70	-0.90	3.09	9.91
37	-6.27	-13.74	7.75	-4.09	-0.90	6.80	-3.50	-2.60	0.40	10.93
38	-2.60	-17.25	9.89	-1.70	-0.50	7.17	-2.40	-2.60	11.97	11.97
39	0.30	-21.30	9.29	-0.50	0.80	4.90	-3.51	-6.11	14.17	14.17
40	3.11	-25.26	8.49	0.20	1.80	4.00	-3.00	-6.85	13.44	13.44
41	7.84	-27.07	7.81	-1.90	4.80	3.00	-3.00	-11.68	11.76	11.76
42	10.64	-27.74	8.61	-7.55	5.61	2.10	-2.60	-12.45	7.18	7.18
43	16.50	-26.07	9.39	-10.17	7.84	1.20	-2.20	-15.55	6.29	6.29
44	19.93	-23.60	13.98	-13.17	11.21	1.20	-2.20	-16.53	5.59	5.59
45	22.67	-19.60	15.94	-15.09	11.30	-1.50	-3.80	-17.09	4.69	4.69
46	25.45	-16.03	16.60	-16.98	11.06	-2.50	-5.19	-16.85	3.20	3.20
47	29.51	-11.23	14.95	-19.82	11.06	-4.00	-4.30	-15.96	2.50	2.50
48	32.27	-5.28	13.96	-20.95	10.72	-4.98	-3.70	-15.28	1.50	1.50
49	32.21	-1.30	12.88	-19.25	11.73	-2.10	-3.00	-14.84	0.61	0.61
50	29.82	5.61	9.12	-15.91	11.91	-0.90	-1.30	-13.66	9.71	9.71
						2.82	-0.45	-12.87	10.21	10.21

RECORDS=282      COMPONENTS=H      SIGNALORACC:      CORRECTIONARC.ERR:      STATION=HACHINOHRES  
 DATE AND TIME=1986, 5.16, 9.49      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=501      TOTAL NUMBER OF DATA=11900

NO.	( 9000 )	( 9050 )	( 9100 )	( 9150 )	( 9200 )	( 9250 )	( 9300 )	( 9400 )	( 9450 )
1	16.10	12.79	1.00	-19.41	23.80	9.28	12.83	3.31	1.50
2	15.99	8.74	-4.11	-14.85	23.63	8.26	10.91	8.43	0.50
3	12.89	-6.88	-7.63	-5.20	21.83	7.26	14.91	10.71	-1.70
4	12.47	-4.99	10.37	0.20	16.63	4.98	13.05	11.12	-5.21
5	9.41	3.30	10.30	1.60	13.87	4.39	11.56	11.82	-6.51
6	5.43	-1.40	3.76	7.17	13.05	2.50	6.75	12.53	-7.30
7	14.03	0.90	13.07	15.64	11.79	-2.10	1.50	13.50	-7.69
8	17.28	0.10	14.46	14.62	11.47	-1.00	-3.150	13.50	-6.69
9	21.70	0.70	14.94	10.40	10.40	0.80	-4.12	13.60	-5.29
10	24.63	1.60	13.55	10.55	10.55	0.80	-4.12	13.60	-4.00
11	26.62	-2.81	9.88	12.46	11.30	1.30	-9.14	13.51	-2.90
12	29.50	-6.74	4.69	12.48	6.92	6.92	-11.11	13.70	-1.90
13	32.81	-10.64	1.10	14.71	8.42	8.42	-11.52	13.60	0.00
14	36.22	-12.32	-0.30	16.22	15.00	9.50	-12.08	13.60	0.60
15	35.29	-9.88	0.60	18.53	15.02	9.73	-11.59	13.70	1.30
16	34.52	-8.80	2.90	10.31	15.47	11.07	-8.11	13.60	1.70
17	35.71	-5.00	4.90	-10.67	14.91	9.79	-10.89	13.60	1.60
18	31.99	0.90	4.70	-9.47	12.94	9.29	-9.24	13.60	1.80
19	27.24	1.50	4.20	-8.09	8.61	8.53	-10.04	13.56	1.70
20	16.99	4.22	2.90	-7.10	3.29	3.79	-7.13	15.03	1.30
21	7.66	9.91	0.50	-6.68	-1.40	1.90	-7.67	15.76	0.80
22	-2.80	10.61	-2.71	-4.80	-8.76	2.00	-5.19	16.82	0.30
23	-6.90	11.11	-6.95	-4.49	-12.66	0.10	-2.60	17.24	-0.40
24	-5.09	11.58	-11.54	-3.20	-17.32	-0.30	-2.60	17.92	-2.80
25	-4.00	10.95	-13.12	-2.80	-20.76	0.80	-4.60	18.16	-4.10
26	-3.60	9.04	-16.33	-1.50	-23.35	4.61	-5.77	17.61	-4.91
27	-2.10	5.89	-16.87	-1.40	-23.60	6.43	-8.20	16.32	-6.01
28	-1.30	4.47	-16.25	-1.80	-22.14	9.47	-8.00	14.88	-7.00
29	0.00	3.52	-13.67	0.60	-14.99	12.89	0.90	12.43	-7.40
30	1.10	-10.22	-12.85	0.60	-1.150	12.72	0.60	10.95	-7.50
31	2.50	-15.58	-11.48	2.30	6.37	13.45	0.20	5.30	-7.90
32	3.40	-18.06	-10.69	3.10	14.23	14.71	0.70	4.60	-7.39
33	4.20	-22.38	-10.32	3.70	15.09	14.92	-2.20	3.90	-6.59
34	4.91	-25.22	-6.84	5.19	17.03	15.18	-5.83	2.80	-5.09
35	7.05	-28.71	-1.00	3.89	19.03	10.11	-10.19	2.20	-3.40
36	11.54	-29.51	-0.20	2.30	19.38	5.87	-14.45	1.60	-3.10
37	12.91	-28.32	0.60	1.70	18.98	1.90	-20.05	1.20	-3.00
38	16.03	-25.73	0.70	1.10	16.62	-1.80	-23.91	1.90	-3.50
39	16.51	-20.26	0.20	-0.00	14.91	-5.30	-24.90	2.30	-3.80
40	14.84	-11.59	-2.01	-1.80	13.13	-5.30	-26.32	4.40	-4.40
41	11.47	-7.64	-8.77	-0.90	10.99	-5.18	-27.11	5.31	-4.90
42	6.99	-6.19	-12.99	1.10	7.60	-1.40	-27.59	6.02	-5.40
43	-3.22	1.10	-13.46	5.85	-6.44	0.10	-26.36	9.10	-4.70
44	-10.13	3.10	-16.62	12.99	-10.60	2.80	-22.09	9.31	-4.10
45	-16.27	5.11	-17.14	15.13	-10.74	5.22	-16.54	9.81	-3.00
46	-19.43	6.99	-20.80	17.82	-12.26	9.67	-10.60	10.17	-2.70
47	-23.29	5.89	-21.84	20.87	-13.98	13.12	-6.34	8.78	-2.10
48	-23.95	3.90	-22.27	21.55	-13.55	13.62	0.40	7.48	-1.60
49	-23.38	3.20	-22.77	22.14	-12.15	14.18	-10.72	5.49	-1.45
50	-17.85	2.10	-21.66	23.00	-10.71	13.52	8.58	3.49	-1.45

RECORDS=252	COMPONENT=E-W	SIGNAL=BR,ACC.	CORRECTION=ARC.ERR.	STATION=HACHINOHE-S				
DATE AND TIME=1966. 5.16. 9.49	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA=11900					
NO.	( 9500)	( 9650)	( 9700)	( 9750)	( 9800)	( 9850)	( 9900)	( 9950)
1	-1.30	2.60	-4.71	-8.00	-2.60	-2.20	1.30	-1.30
2	-1.40	2.70	-6.01	-7.89	-0.70	-1.70	2.30	-2.30
3	-2.00	2.70	-7.01	-6.58	1.10	-1.70	3.31	-3.10
4	-6.71	3.50	-8.01	-9.69	4.00	-1.70	8.02	-3.70
5	-6.50	4.72	-8.61	-9.07	5.14	-1.70	9.32	-4.29
6	-6.91	7.91	-9.01	-1.70	6.31	-1.70	10.52	-2.80
7	-7.70	8.81	-9.60	0.50	7.10	-1.70	11.50	-2.30
8	-7.69	9.62	-9.70	2.30	7.10	-2.00	11.29	-1.10
9	-6.99	10.65	-9.70	2.60	7.10	-2.60	10.73	-0.50
10	-6.08	12.53	-9.71	3.20	7.10	-3.00	10.77	0.90
11	-3.10	13.56	-10.20	3.10	7.09	-3.50	4.57	2.60
12	-3.10	15.44	-10.20	2.90	6.49	-4.50	1.20	5.13
13	-2.70	21.88	-10.20	2.20	5.09	-4.70	-4.31	11.28
14	-2.80	22.60	-10.21	1.60	3.89	-4.70	-7.43	14.37
15	-3.10	22.72	-10.60	1.00	0.90	-4.70	-10.03	16.09
16	-3.40	23.89	-10.60	2.40	-2.50	-4.70	-11.43	17.80
17	-3.40	25.22	-10.60	3.10	-2.50	-4.40	-12.40	18.54
18	-3.00	23.68	-10.60	3.70	-5.22	-4.00	-12.36	23.45
19	-2.70	16.14	-10.60	4.91	-9.01	-3.70	-11.08	23.89
20	-2.10	13.40	-10.60	5.91	-9.79	-3.10	-10.48	24.55
21	-1.60	10.67	-10.60	7.22	-9.26	-3.20	-9.49	24.86
22	-0.90	1.50	-10.60	8.82	-7.26	-3.20	-8.89	24.86
23	-0.40	-2.71	-10.60	9.80	-4.08	-2.90	-8.39	23.81
24	0.70	-6.91	-10.58	9.99	-2.50	-2.30	-7.59	23.06
25	6.20	6.70	-9.78	9.28	3.11	-1.70	-6.88	19.86
26	6.70	6.06	-8.77	8.38	5.80	-1.20	-5.28	13.96
27	7.10	-0.90	-6.99	7.08	6.31	-1.20	-1.50	12.70
28	7.10	1.30	-5.68	5.29	6.90	-1.20	0.00	4.38
29	7.09	9.13	-3.00	3.89	6.89	-1.50	3.00	-0.80
30	6.59	10.92	-0.80	1.70	6.39	-2.10	4.30	-4.52
31	5.99	11.51	0.	0.70	5.19	-2.90	5.31	-9.23
32	5.19	11.89	-0.00	-0.00	3.10	-4.11	6.41	-10.85
33	4.30	11.39	-0.20	-0.50	1.50	-5.71	7.51	-16.57
34	3.10	7.68	-0.60	-1.00	0.50	-7.52	8.30	-17.61
35	1.80	6.19	-1.00	-0.40	-0.90	-9.21	8.40	-16.02
36	1.10	4.70	-1.70	0.70	-3.60	-9.72	8.39	-11.48
37	0.40	3.40	-2.70	3.10	-4.20	-10.50	7.58	-6.73
38	-0.30	3.40	-2.90	3.80	-4.20	-10.48	5.88	0.40
39	-0.70	2.50	-3.00	3.50	-3.70	-10.78	3.50	4.34
40	-0.70	2.50	-3.00	2.70	-6.98	-8.77	1.70	13.04
41	-0.70	3.31	-3.00	1.20	-1.20	-6.98	0.50	16.77
42	2.80	5.91	-3.00	0.40	0.40	-1.99	-5.71	19.62
43	3.10	7.30	-3.00	-0.50	1.50	-2.60	-6.80	20.62
44	3.60	6.69	-4.20	-2.10	1.60	-0.20	-6.79	19.73
45	2.90	5.99	-4.50	-3.40	1.60	2.30	-6.09	18.51
46	2.90	4.99	-4.70	-4.70	1.10	4.19	-5.19	13.47
47	2.90	4.99	-5.50	-4.70	0.50	1.70	-4.20	10.28
48	2.90	2.20	-6.40	-4.70	0.50	0.80	-3.00	9.39
49	2.90	0.50	-6.40	-4.70	0.50	1.05	-2.15	8.59
50	2.75	-2.06	-7.40	-3.65	-0.95			

NO.	(10000)	(10050)	(10100)	(10150)	(10200)	(10250)	(10300)	(10350)	(10400)	(10450)
1	7.77	7.94	4.20	-2.21	0.00	0.00	-0.90	0.60	2.30	2.30
2	2.47	0.90	0.90	-7.02	1.80	0.00	-0.50	1.30	2.80	0.90
3	1.10	0.30	0.30	-8.74	4.51	1.10	0.50	1.30	2.20	-0.80
4	-2.70	15.11	-5.40	-11.02	6.92	0.70	1.00	1.80	1.50	-6.40
5	-4.30	17.31	-5.40	-11.62	9.04	-0.00	2.00	2.20	1.10	-6.90
6	-5.00	18.92	-2.70	-12.18	11.39	-0.70	2.50	2.60	0.50	-4.89
7	-4.49	19.18	-0.29	-11.69	11.09	-1.90	3.50	2.90	-0.20	-5.98
8	-2.90	18.86	-0.59	-11.37	10.69	-3.40	4.60	2.40	-1.50	-3.79
9	-1.00	18.16	-3.40	-10.28	10.10	-3.80	5.00	1.80	-0.90	-2.00
10	1.10	14.97	-2.00	-9.51	5.68	-4.20	5.30	1.10	-0.60	0.30
11	6.91	14.18	-0.40	-8.70	2.90	-3.70	4.59	-0.60	0.00	1.20
12	6.22	11.53	1.60	-6.98	0.90	-3.60	2.40	-0.90	0.40	7.62
13	8.55	9.25	0.71	0.90	-1.40	-2.90	0.30	-1.40	0.50	9.33
14	11.72	6.78	0.92	1.30	-3.71	-2.70	-1.20	-1.80	0.60	10.93
15	12.28	5.10	9.91	1.70	-6.40	-2.60	-2.90	-2.70	0.90	11.94
16	11.79	4.60	9.81	2.50	-6.81	-2.40	-4.80	-2.80	1.20	13.85
17	11.21	4.20	10.89	3.10	-7.61	-2.10	-5.60	-1.60	1.40	13.10
18	7.92	5.10	9.85	3.30	-8.59	-1.90	-5.10	-1.20	3.50	17.09
19	1.80	5.80	7.28	4.00	-7.79	-2.50	-4.60	-0.90	4.00	18.45
20	-1.70	6.43	5.29	4.80	-6.69	-3.10	-4.00	-1.10	4.30	17.73
21	-6.93	9.35	6.49	4.00	-5.69	-3.70	-3.40	-2.70	3.30	16.74
22	-9.71	12.02	1.50	3.00	-4.79	-4.40	-3.10	-1.70	2.30	15.76
23	-10.21	12.82	-1.40	2.60	-2.90	-3.60	-3.50	-3.60	1.40	14.91
24	-10.67	13.52	-2.90	1.80	-1.80	-2.70	-3.80	-4.40	0.40	12.95
25	-9.44	14.12	-3.70	1.30	-1.30	-0.90	-3.40	-4.90	0.30	6.39
26	-6.45	14.48	-4.30	1.00	-0.80	0.20	-2.90	-5.70	-1.50	5.18
27	-1.20	14.01	-2.20	1.30	-0.20	1.60	-2.70	-5.69	-2.50	1.80
28	3.10	11.96	-2.90	1.50	0.40	4.80	-2.20	-4.69	-2.80	-1.00
29	3.71	10.50	-2.50	2.00	1.10	5.21	-1.80	-2.80	-4.70	-7.81
30	2.51	6.38	-1.60	2.60	1.50	7.11	-1.50	-0.90	-4.50	-8.82
31	6.61	3.90	-1.20	3.10	2.00	8.18	-0.90	1.10	-3.70	-10.01
32	7.39	2.60	-0.70	3.30	2.50	6.50	-0.70	2.60	-3.80	-10.57
33	6.88	3.10	0.50	3.70	4.51	6.09	-0.30	3.20	-2.90	-9.47
34	2.40	3.30	-0.20	3.20	6.50	4.40	0.20	3.90	-1.60	-7.72
35	2.00	4.41	-0.70	1.80	6.99	3.20	0.30	3.50	-1.70	-1.70
36	4.50	7.11	-1.40	-2.70	5.58	1.30	0.50	3.00	0.60	-0.70
37	6.99	8.01	-2.60	-5.81	2.60	-0.70	0.70	2.20	2.60	1.81
38	1.50	8.91	-2.90	-7.42	2.00	-2.00	0.90	1.40	3.90	9.21
39	-0.40	9.30	-0.50	-9.21	1.50	-2.50	1.20	0.90	4.00	9.81
40	-1.40	9.06	-3.00	-9.81	-1.50	-2.90	0.80	-0.10	5.01	10.20
41	-3.40	7.08	-2.70	-10.39	-3.10	-1.70	-0.80	-0.60	6.01	10.30
42	-4.90	5.60	-2.30	-9.76	-5.41	-1.10	-0.80	-1.00	7.52	10.28
43	-5.20	4.90	-1.80	-7.79	-7.01	-0.80	-1.90	-1.40	9.21	9.30
44	-4.69	4.40	-1.40	-7.10	-7.69	-0.40	-2.40	-0.90	10.00	4.19
45	-3.10	3.90	-0.90	-6.69	-7.08	0.20	-3.00	-0.60	10.20	1.90
46	-1.80	4.50	-0.30	-4.79	-4.79	0.60	-3.50	-0.10	10.40	0.90
47	-1.00	4.80	0.30	-5.40	-5.69	1.10	-2.90	0.30	10.58	-1.91
48	-0.10	5.20	-0.50	-4.79	-1.80	0.60	-1.50	0.80	9.68	-10.65
49	4.79	-0.90	-3.70	-2.10	-2.10	-0.00	-1.00	1.10	8.55	-12.82
50	2.37	3.50	-1.55	-1.65	-0.15	-0.45	-0.20	1.70	5.42	-15.54

RECORD=S-252  
DATE AND TIME=1968. 5.16. 9.49  
COMPONENT=H-W  
SIGNAL=HR. ACC.  
CORRECTION=ARC. ERR.  
TOTAL NUMBER OF DATA=11900

STATION=MACHINOHES  
TOTAL NUMBER OF DATA=11900

SAMPLING INTERVAL= 0.0101(SEC)  
FORMAT NO.=501

RECORD=S-252  
 DATE AND TIME=1968, 5.16, 9.49  
 COMPONENT=E-W  
 SIGNAL=GR,ACC.  
 CURSECTION=ARC,ERR.  
 SAMPLING INTERVAL= 0.010 SEC  
 FORMAT NO.=301  
 STATION=MACHINHEWS  
 TOTAL NUMBER OF DATA=11900

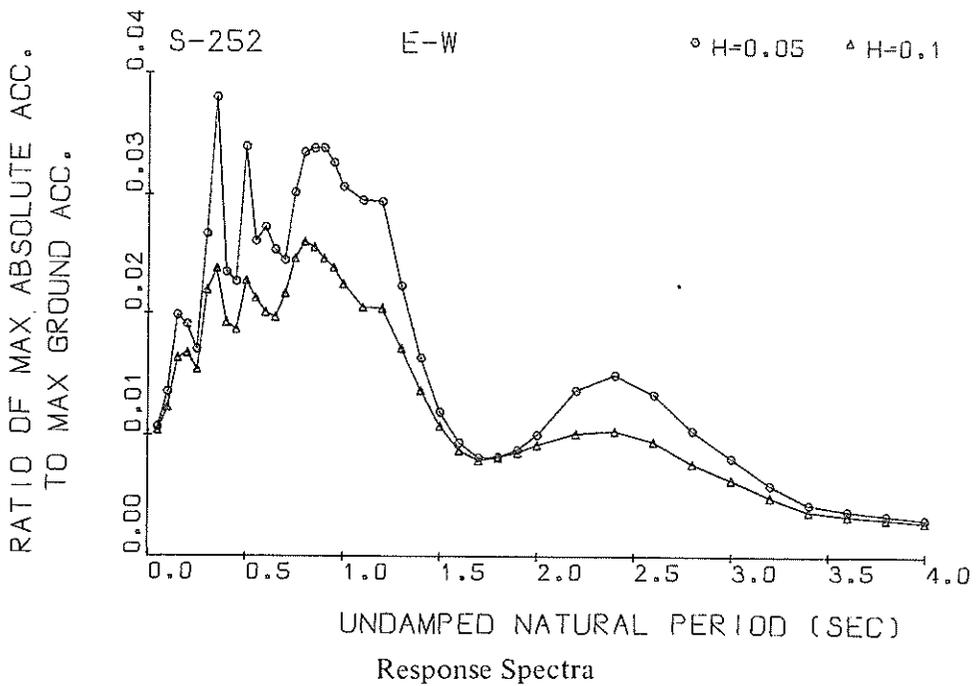
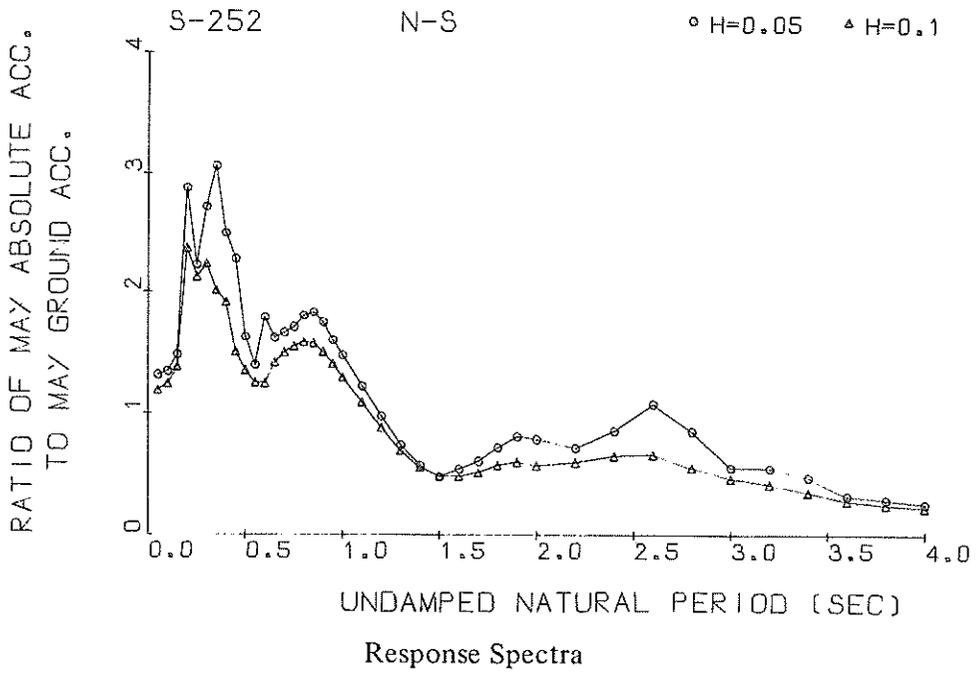
NO.	(107500)	(105500)	(100000)	(106500)	(107000)	(107500)	(108000)	(108500)	(109000)	(109500)
1	-15.14	-4.80	7.41	7.19	-1.70	4.69	-2.30	-3.20	0.90	5.90
2	-16.69	-5.60	7.89	2.80	-2.20	-2.50	-1.80	-2.90	1.30	5.50
3	-18.42	-5.51	9.38	1.30	-2.20	-1.40	-1.70	-2.10	2.50	5.50
4	-17.24	-6.41	6.41	-0.90	-2.20	0.00	-1.70	-1.40	3.70	4.80
5	-14.80	-7.10	6.88	-4.91	-2.70	2.60	-1.70	-0.60	4.70	3.80
6	-12.60	-7.21	4.99	-6.80	-2.70	4.81	-1.70	0.90	5.31	3.10
7	-9.75	-8.01	9.50	-6.79	-2.70	6.20	-1.90	3.30	6.30	2.20
8	-7.47	-8.71	2.40	-5.59	-2.70	6.60	-2.20	4.01	6.79	1.00
9	-5.09	-9.51	1.50	-3.29	-2.70	6.60	-2.50	5.62	6.00	0.10
10	-3.50	-10.12	1.50	0.30	-2.30	6.30	-2.70	8.91	6.00	1.10
11	-2.90	-10.82	1.50	2.20	-2.80	5.80	-3.00	9.52	5.30	-2.10
12	-2.40	-11.63	1.50	4.62	-2.30	5.50	-2.90	10.72	5.10	-2.10
13	-2.50	-12.71	2.30	9.96	-2.30	4.90	-3.00	11.53	5.00	-1.80
14	-2.50	-13.03	2.80	12.95	-2.20	4.20	-3.10	12.52	5.01	-1.80
15	-1.60	-13.68	2.90	14.23	-2.20	3.10	-3.10	13.10	6.31	-2.10
16	-0.90	-13.09	2.90	13.09	-1.70	2.40	-3.10	13.10	7.22	-2.10
17	-0.40	-12.67	3.00	16.94	-1.40	1.50	-3.20	12.97	9.12	-2.40
18	0.30	-11.76	3.00	17.55	-0.90	1.10	-2.90	12.26	10.31	-2.90
19	0.70	-10.27	2.50	16.86	-0.50	1.10	-2.80	11.09	10.80	-3.50
20	1.20	-9.03	2.30	16.24	0.20	1.10	-2.80	11.09	10.70	-4.10
21	1.70	-5.19	1.80	13.16	1.10	1.60	-2.70	5.09	10.59	-4.10
22	1.70	-3.50	1.10	14.20	1.90	1.10	-2.90	3.10	9.98	-3.50
23	0.40	-2.30	0.80	11.84	2.60	0.90	-3.10	1.10	8.97	-2.90
24	0.70	-0.90	0.30	9.70	3.81	0.20	-3.60	-1.60	7.08	-2.10
25	-0.60	1.10	0.80	4.99	5.81	0.20	-4.10	-4.20	5.19	-1.30
26	-1.20	3.11	1.90	4.00	6.61	0.20	-4.60	-4.70	3.90	-0.60
27	-2.00	6.80	3.00	3.00	7.51	0.20	-4.90	-3.69	3.30	0.00
28	-2.90	6.80	3.00	1.30	8.10	0.20	-4.90	-1.80	2.70	1.20
29	-3.70	6.80	3.60	-0.70	8.10	0.20	-4.70	-0.90	2.20	1.60
30	-4.70	6.29	3.20	-2.10	7.89	0.20	-4.50	0.50	2.20	2.00
31	-5.20	5.50	3.70	-2.90	7.50	0.30	-4.30	2.80	2.20	2.50
32	-6.90	4.79	3.49	-3.10	7.09	-0.10	-4.20	3.92	2.50	1.80
33	-8.90	2.70	3.60	-2.50	6.59	-0.10	-4.20	9.71	3.00	0.60
34	-6.40	1.40	3.10	-0.70	5.79	-0.10	-4.20	10.30	3.50	-0.70
35	-1.10	-3.01	4.50	0.20	5.09	0.20	-4.20	10.51	4.00	-2.60
36	-0.80	-4.34	3.80	1.70	3.90	1.10	-4.20	10.92	4.70	-2.60
37	-0.80	-11.75	6.60	2.90	2.60	1.60	-4.20	11.62	5.10	-3.00
38	-0.40	-13.46	4.90	5.20	1.80	2.00	-4.20	12.40	5.30	-4.30
39	0.20	-17.49	3.52	3.80	1.30	2.00	-4.20	12.30	5.90	-4.30
40	0.60	-18.85	6.72	3.80	0.90	1.70	-4.20	12.40	6.51	-4.90
41	0.60	-19.50	7.93	3.30	0.30	1.30	-4.80	12.28	7.11	-4.50
42	0.60	-19.66	11.25	4.90	-0.60	1.10	-5.10	11.76	8.91	-4.10
43	0.30	-17.52	13.17	4.20	-1.70	0.60	-5.40	10.46	8.90	-3.50
44	-0.10	-14.79	13.06	3.40	-3.50	-0.90	-5.40	8.56	9.09	-3.00
45	-0.10	-12.48	10.24	3.00	-3.50	-0.90	-5.30	5.79	8.69	-2.80
46	-0.70	-8.96	10.87	1.60	-4.70	-2.10	-5.10	4.20	8.29	-2.50
47	-2.10	-1.10	10.66	0.90	-5.60	-2.50	-4.80	2.90	7.79	-2.90
48	-3.40	3.01	12.65	-0.10	-6.10	-2.50	-4.60	1.50	7.30	-3.20
49	-4.00	7.62	14.59	-0.70	-6.10	-2.50	-4.10	0.90	6.89	-3.80
50	-4.40	8.61	7.83	-1.20	-5.40	-2.40	-3.65	0.90	6.40	-4.75

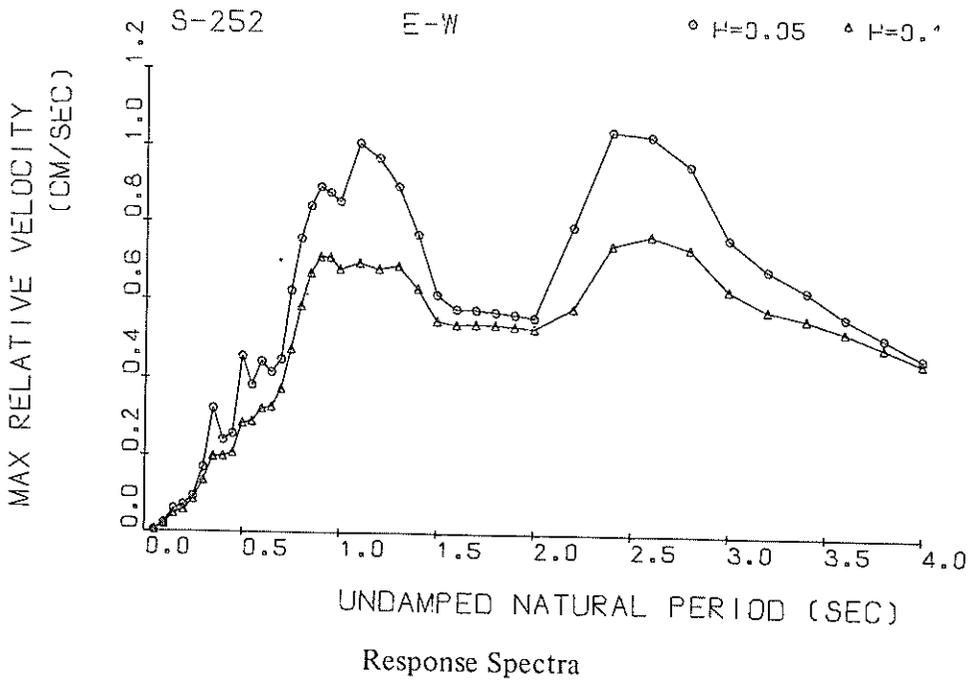
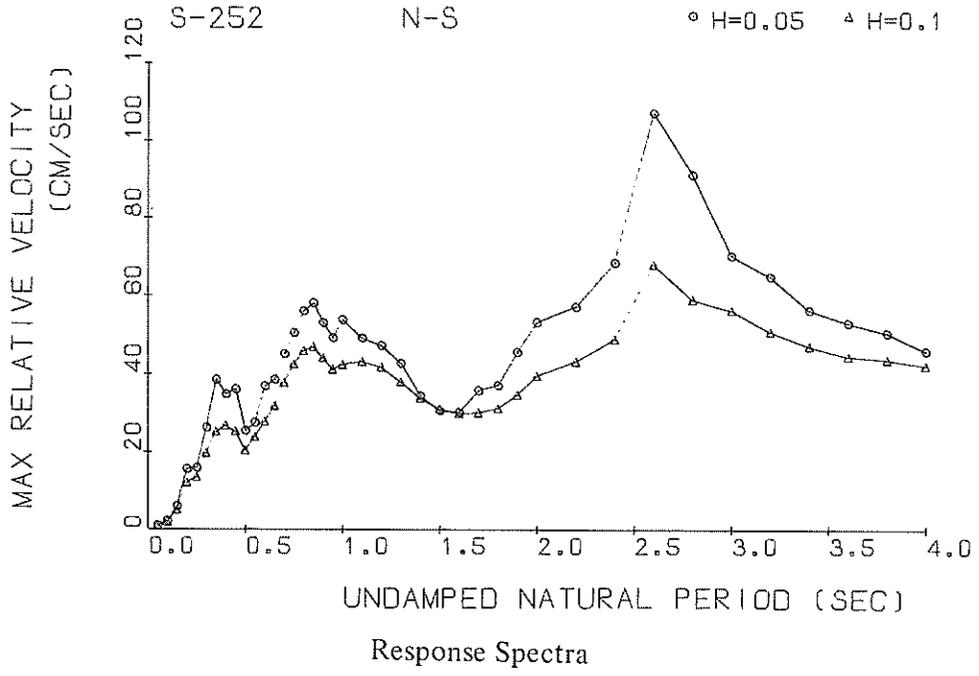
NO.	(11000)	(11090)	(11100)	(11150)	(11200)	(11250)	(11300)	(11350)	(11400)	(11450)
1	-5.74	10.82	-0.70	8.90	0.40	-1.50	7.59	0.80	12.47	-8.51
2	-6.90	11.71	-1.20	8.89	-0.60	-0.30	6.39	-0.10	11.69	-8.90
3	-7.31	12.21	-1.80	8.28	-0.90	-0.30	5.19	0.90	11.19	-9.00
4	-8.01	12.41	-2.50	6.84	-2.80	0.60	3.10	0.20	10.91	-9.09
5	-8.92	12.59	-2.80	5.69	-3.50	1.10	0.90	-0.70	11.12	-8.69
6	-10.01	12.18	-4.20	4.89	-4.80	1.60	1.70	-1.20	12.02	-7.77
7	-10.59	11.49	-4.50	2.90	-5.81	4.01	-3.51	-0.90	12.72	-5.19
8	-9.99	11.09	-4.70	2.20	-6.90	5.91	-6.91	-0.40	13.30	-2.90
9	-8.79	10.79	-5.10	-0.70	-6.90	7.51	-7.71	0.60	13.22	-1.50
10	-8.59	10.59	-5.81	-0.90	-6.60	8.51	-8.69	1.30	13.73	0.60
11	-7.79	9.79	-6.61	-1.40	-6.19	9.31	-7.97	1.50	14.52	1.10
12	-7.19	9.19	-7.19	-1.80	-5.20	10.11	-5.98	2.00	14.94	1.00
13	-7.58	8.58	-6.60	-0.40	-4.70	10.91	-3.80	2.50	13.68	1.10
14	-5.60	7.08	-6.09	0.50	-4.69	10.77	-3.20	2.90	13.27	0.40
15	-5.10	5.50	-5.40	0.70	-3.00	9.58	-2.60	3.10	12.38	-0.50
16	-5.09	5.09	-5.00	1.10	-2.70	8.48	-2.10	3.10	11.78	-1.50
17	-5.00	3.90	-4.70	1.30	-1.40	7.09	-1.70	3.50	11.19	-6.21
18	-1.70	2.90	-5.00	1.20	-1.70	5.89	-1.70	4.30	10.87	-7.82
19	-0.80	1.60	-2.51	1.80	-1.70	4.69	-2.50	4.00	9.86	-9.22
20	0.60	0.70	-0.51	2.10	-2.70	3.20	-4.91	3.90	9.07	-10.31
21	1.50	-0.10	-1.21	1.90	-2.90	2.20	-6.50	3.70	7.32	-10.90
22	1.60	1.10	-8.21	0.90	-3.20	1.20	-6.90	3.60	9.00	-10.89
23	2.30	1.70	-8.91	-0.40	-4.10	-0.60	-7.30	3.40	9.10	-10.56
24	2.50	3.62	-9.39	-0.70	-4.90	-1.10	-7.30	4.00	9.00	-8.87
25	1.50	9.63	-8.76	-0.90	-5.11	-1.60	-7.71	4.91	9.08	-7.29
26	1.00	11.82	-6.39	-0.70	-6.90	-1.20	-8.20	6.51	7.69	-6.78
27	0.40	12.29	-4.98	-0.20	-6.90	1.20	-8.48	7.62	6.99	-5.00
28	-0.30	15.14	-1.40	-0.20	-6.48	2.70	-7.00	9.30	6.49	-4.70
29	-0.90	17.82	1.00	-0.20	-4.30	4.50	-6.60	9.32	4.89	-4.70
30	-4.51	16.60	3.00	-0.20	-3.60	4.62	-6.10	10.41	3.90	-4.70
31	-6.92	15.00	5.02	-0.20	-1.60	8.21	-6.50	10.71	2.50	-4.70
32	-6.41	14.99	7.82	-0.90	-1.30	8.99	-6.42	11.09	1.10	-4.70
33	-9.32	14.75	8.97	-1.20	-1.00	8.18	-8.29	10.58	-0.20	-4.90
34	-10.39	13.77	7.40	-2.90	-0.90	6.88	-7.69	9.27	0.90	-5.50
35	-9.78	13.03	7.19	-4.20	-0.60	5.09	-7.30	8.28	1.10	-5.40
36	-8.58	11.05	6.19	-5.51	-0.40	4.00	-6.90	7.09	1.50	-5.40
37	-7.55	9.03	4.99	-6.21	0.50	3.30	-6.69	5.80	1.80	-5.50
38	-6.40	5.90	3.90	-6.90	1.10	2.80	-5.40	5.68	2.00	-5.40
39	-4.30	3.10	2.80	-7.01	2.90	3.50	-5.30	3.29	2.80	-5.40
40	-1.40	1.40	0.40	-7.29	3.60	4.00	-5.20	1.10	3.00	-6.10
41	-0.50	0.80	-0.70	-6.69	4.30	4.70	-4.90	1.00	3.10	-6.70
42	0.50	-2.60	-4.90	-4.69	5.10	5.10	-3.80	3.61	3.30	-7.01
43	1.30	-2.60	-4.98	-2.40	5.60	5.60	-3.10	3.61	3.10	-8.41
44	2.80	-2.90	-1.70	-1.70	5.00	5.00	-3.10	7.02	2.60	-8.80
45	3.91	-2.60	-1.10	-1.60	4.50	6.20	-1.20	9.23	2.00	-9.01
46	6.02	-2.10	-0.70	-1.50	3.90	6.20	-0.90	11.01	1.20	-9.30
47	8.61	-1.70	3.00	-0.20	3.40	7.01	-0.90	11.32	-1.70	-9.40
48	9.02	-1.20	5.01	0.20	3.10	7.61	-0.50	12.02	-2.90	-9.38
49	10.01	-0.90	7.02	1.10	1.50	8.31	-0.10	12.71	-3.71	-8.57
50	10.41	-0.80	7.96	0.75	0.10	7.93	0.55	12.60	-6.12	-6.33

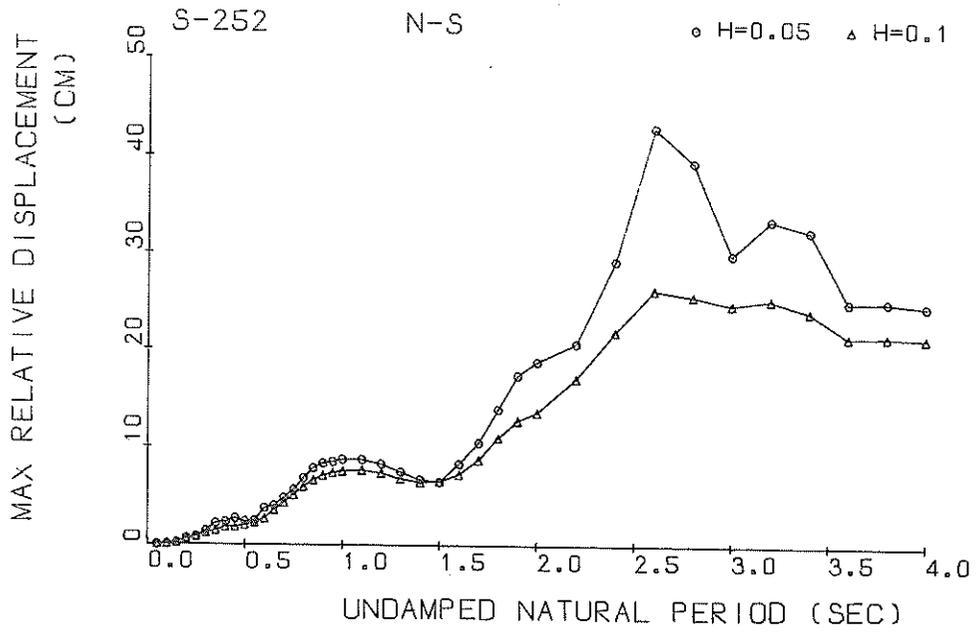
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DATE AND TIME=1968. 5.16. 9.49  
COMPONENT=E-H  
SAMPLING INTERVAL= 0.010(SEC)  
SIGNAL=GR.ACC.  
CURVECTION=ARC.ERR.  
FORMAT NO.=301  
STATION=HACHINOHE\*S  
TOTAL NUMBER OF DATA=11900

NO.	(11500)	(11550)	(11600)	(11650)	(11700)	(11750)	(11800)	(11850)	(11900)	(11950)
1	-9.09	5.40	13.48	11.80	2.80	0.90	-2.90	4.50	0.	0.
2	-1.40	5.40	12.98	-1.20	2.80	1.10	-4.60	4.20	0.	0.
3	-0.70	5.60	12.51	-0.80	2.70	1.60	-5.50	3.60	0.	0.
4	1.00	5.60	12.69	0.00	1.80	3.10	-4.90	3.00	0.	0.
5	1.80	5.50	12.30	0.90	1.80	5.11	-4.09	1.80	0.	0.
6	2.80	5.10	12.40	1.30	1.80	6.41	-1.20	0.70	0.	0.
7	2.80	4.30	12.52	1.10	1.80	7.10	-0.10	-0.10	0.	0.
8	2.20	3.10	13.12	0.80	1.50	7.29	2.60	-0.90	0.	0.
9	1.30	2.00	13.64	0.40	1.50	6.49	4.61	-2.10	0.	0.
10	0.50	1.10	14.63	0.40	1.30	5.59	6.90	-1.60	0.	0.
11	-1.40	-0.10	15.38	-2.91	1.10	4.59	6.90	1.60	0.	0.
12	-2.70	-0.70	15.95	-7.01	1.00	2.20	6.90	-1.20	0.	0.
13	-5.11	-0.30	17.43	-7.72	0.50	-0.190	6.50	-1.20	0.	0.
14	-7.13	0.40	17.81	-6.91	0.80	-2.30	5.99	-1.00	0.	0.
15	-9.72	0.80	17.97	-9.39	-2.10	-2.30	5.00	-0.70	0.	0.
16	-10.73	1.40	17.46	-8.89	-5.00	-2.70	4.50	-0.20	0.	0.
17	-11.84	2.80	16.86	-8.47	-4.00	-1.00	3.80	-0.20	0.	0.
18	-13.30	3.91	16.23	-6.50	-3.40	0.40	3.40	-0.20	0.	0.
19	-15.27	6.52	14.97	-6.29	-2.90	1.10	3.70	-0.20	0.	0.
20	-12.50	9.11	14.35	-5.30	-2.90	2.40	4.40	-0.30	0.	0.
21	-9.47	9.50	13.27	-4.80	-2.50	2.50	5.51	-0.30	0.	0.
22	-7.77	9.71	12.45	-4.80	-2.10	2.40	6.60	-0.30	0.	0.
23	-5.40	10.41	11.09	-5.00	-2.10	1.60	7.00	1.00	0.	0.
24	-4.59	10.80	10.61	-5.60	-2.10	1.10	6.59	2.80	0.	0.
25	-3.00	10.90	11.20	-6.31	-2.60	0.20	5.79	3.50	0.	0.
26	-2.50	10.90	11.20	-6.90	-3.10	-1.00	4.99	4.51	0.	0.
27	-1.70	10.89	11.30	-7.60	-4.10	-3.00	3.70	5.90	0.	0.
28	-1.40	10.38	11.39	-7.40	-4.90	-4.129	3.00	6.20	0.	0.
29	-1.40	9.39	11.19	-7.38	-5.60	-2.60	1.30	5.70	0.	0.
30	-1.80	8.78	10.79	-5.99	-6.30	-2.10	0.30	5.19	0.	0.
31	-2.60	7.58	10.38	-4.99	-5.79	-1.10	-0.50	4.29	0.	0.
32	-3.40	6.29	9.59	-3.70	-5.10	-0.70	0.30	2.70	0.	0.
33	-4.50	5.19	9.19	-3.00	-4.29	0.90	1.30	2.00	0.	0.
34	-5.50	4.20	8.68	-1.80	-2.70	1.80	1.90	1.10	0.	0.
35	-5.49	3.50	7.28	-1.60	-1.00	1.80	1.90	-0.00	0.	0.
36	-4.70	3.20	5.79	-1.60	1.60	1.80	1.90	-1.10	0.	0.
37	-3.00	4.00	4.49	-1.60	3.70	1.80	1.90	-2.30	0.	0.
38	-2.98	5.01	3.60	-1.60	5.00	1.80	1.50	-2.30	0.	0.
39	-2.20	7.32	2.70	-2.10	5.71	2.70	1.50	-2.00	0.	0.
40	-0.90	8.72	1.80	-2.10	6.70	4.00	1.60	-1.10	0.	0.
41	0.50	9.73	0.80	-2.10	6.59	4.90	1.50	-1.10	0.	0.
42	2.70	11.36	-0.40	-1.70	5.70	5.61	1.50	-0.40	0.	0.
43	5.10	13.56	-0.90	-1.60	5.09	7.00	1.90	0.60	0.	0.
44	5.31	15.00	-1.30	-0.90	4.00	7.10	1.90	1.20	0.	0.
45	6.40	15.02	-1.80	0.80	3.10	7.10	2.80	3.10	0.	0.
46	6.40	15.48	-2.20	0.50	1.90	6.78	3.10	3.10	0.	0.
47	6.40	15.10	-2.90	0.20	1.00	5.09	4.50	3.70	0.	0.
48	6.40	13.00	-3.40	1.10	-0.00	3.20	5.10	4.30	0.	0.
49	5.90	14.87	-3.20	1.90	-0.60	1.20	5.00	4.60	0.	0.
50	5.65	14.17	-2.50	2.35	0.15	-0.85	4.75	2.29	0.	0.

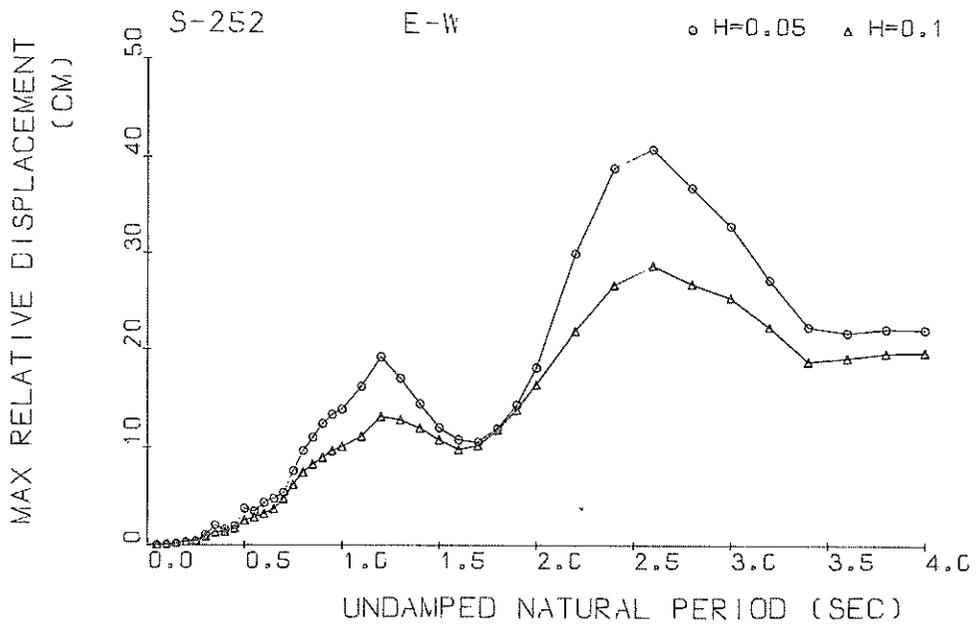
RECORD=S=252  
DATE AND TIME=1968, 5.16, 9.49  
COMPONENT=E-H  
SIGNAL=GR.ACC.  
CORRECTION=ARC.ERR.  
TOTAL NUMBER OF DATA=11900  
STATION=HACHINOME=9  
TOTAL NUMBER OF DATA=11900  
FURNAT NO.F301







Response Spectra



Response Spectra

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-252      N-S      1968, 5.16, 9.49      1968-TOKACHIOKI  
 STATION = MURUTAN-S      INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ARC,ERR,  
 TIME LENGTH = 29.990(SEC)      SKIPPED LENGTH = 30.000(SEC)  
 DAMPING COEFFICIENT = 0.050      MAX.GROUND ACC.= 232.67(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACÉ (CM)
0.020	1.514	305.70	99.22	1.009	0.0196
0.100	1.545	312.91	110.41	2.238	0.0794
0.120	1.484	345.23	211.86	6.074	0.1954
0.200	2.881	670.31	437.77	15.584	0.6724
0.220	2.232	519.36	349.36	15.932	0.8188
0.300	2.727	634.43	497.06	26.290	1.4464
0.320	3.072	714.82	701.95	38.510	2.2074
0.400	2.500	581.71	626.13	34.775	2.3480
0.420	2.286	531.99	506.09	35.958	2.7145
0.500	1.533	379.99	403.32	25.495	2.3960
0.520	1.402	326.18	337.79	27.492	2.4834
0.600	1.798	418.36	481.89	36.804	3.7971
0.620	1.633	379.89	521.24	38.494	4.0534
0.700	1.680	390.91	485.31	44.976	4.8343
0.720	1.726	401.60	430.95	50.377	5.6991
0.800	1.819	423.17	422.37	35.984	6.8283
0.820	1.846	429.56	450.75	38.040	7.8260
0.900	1.761	409.73	447.50	33.092	8.3609
0.920	1.613	375.29	422.43	49.181	8.5320
1.000	1.491	346.81	404.77	33.759	8.7453
1.100	1.234	287.17	364.63	49.001	8.7483
1.200	0.986	229.34	304.94	47.096	8.3138
1.300	0.756	175.92	293.12	42.580	7.5070
1.400	0.587	136.48	270.85	34.333	6.7483
1.500	0.492	114.39	246.88	30.607	6.4917
1.600	0.356	129.34	228.89	30.233	6.3324
1.700	0.317	143.56	217.84	35.792	10.4634
1.800	0.729	169.62	211.92	37.056	13.8602
1.900	0.819	190.63	209.35	45.549	17.3436
2.000	0.797	185.47	209.10	33.135	18.7275
2.200	0.725	168.76	213.94	37.166	20.6021
2.400	0.863	200.71	255.54	68.477	29.1633
2.600	1.082	251.84	276.79	107.286	42.9719
2.800	0.858	199.63	279.23	91.302	39.4384
3.000	0.566	131.81	259.14	70.325	29.9070
3.200	0.559	130.14	266.56	64.949	33.5560
3.400	0.480	111.71	271.16	36.423	32.4390
3.600	0.328	76.42	273.31	33.151	25.0211
3.800	0.297	69.01	273.55	30.514	25.0743
4.000	0.263	61.23	272.38	46.053	24.6123

RESPONSE SPECTRUM (BY PROG, ERS-SE-1)

RECORD = S-252      N-S      1968, 5.16, 9.49    1968-TOKACHIOKI  
 STATION = MURUTAN-S      INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ARC.ERR.  
 TIME LENGTH = 29.990(SEC)      SKIPPED LENGTH = 30.000(SEC)  
 DAMPING COEFFICIENT = 0.100      MAX.GROUND ACC.= 232.67(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.187	276.09	87.99	0.892	0.0174
0.100	1.241	288.78	115.20	1.996	0.0729
0.150	1.382	321.55	179.35	5.056	0.1822
0.200	2.366	550.45	317.78	12.169	0.5526
0.250	2.129	495.31	316.30	13.545	0.7740
0.300	2.239	520.94	382.05	19.750	1.1710
0.350	2.016	468.99	462.11	25.270	1.4275
0.400	1.920	446.63	483.81	26.899	1.7734
0.450	1.710	351.42	370.49	25.427	1.7700
0.500	1.354	314.95	342.86	20.490	1.9618
0.550	1.254	291.74	354.61	23.978	2.1959
0.600	1.249	290.72	416.56	27.891	2.6381
0.650	1.422	360.95	440.34	31.827	3.5015
0.700	1.705	350.22	419.44	37.790	4.2846
0.750	1.754	361.67	372.36	42.466	5.0669
0.800	1.588	369.56	372.61	45.835	5.8771
0.850	1.578	367.08	378.62	46.887	6.5814
0.900	1.510	351.40	380.68	44.169	7.0596
0.950	1.410	328.01	360.63	41.247	7.3316
1.000	1.301	302.68	350.28	42.436	7.4905
1.100	1.093	254.40	325.26	43.270	7.6070
1.200	0.889	206.76	284.11	41.869	7.3367
1.300	0.700	162.84	264.53	38.216	6.7754
1.400	0.564	131.26	252.99	34.105	6.3881
1.500	0.492	114.41	238.13	31.241	6.4620
1.600	0.487	113.37	225.79	30.083	7.1631
1.700	0.518	120.47	217.25	30.305	8.6558
1.800	0.580	134.96	212.20	31.425	10.8808
1.900	0.606	140.94	209.87	34.901	12.6160
2.000	0.578	134.55	209.59	39.686	13.4378
2.200	0.604	140.52	216.53	43.248	16.9238
2.400	0.655	152.47	221.60	48.995	21.7897
2.600	0.665	154.67	231.62	68.153	26.1272
2.800	0.562	130.79	241.59	59.161	25.5279
3.000	0.472	109.83	250.19	56.461	24.6389
3.200	0.427	99.33	256.77	50.952	25.1551
3.400	0.357	83.12	261.23	47.178	23.9529
3.600	0.288	66.91	263.78	44.658	21.3165
3.800	0.255	59.39	264.76	43.788	21.3993
4.000	0.231	53.80	264.53	42.320	21.2268

RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

RECORD = S-222 E-W 1968. 5.16. 9.49 1968-TOKACHINKI  
 STATION = HACHINOHE-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERK.  
 TIME LENGTH = 29.990(SEC) SKIPPED LENGTH = 30.000(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 180.59(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.069	193.01	41.47	0.378	0.0122
0.100	1.054	244.50	90.08	2.246	0.0617
0.150	1.980	358.40	201.19	5.964	0.2032
0.200	1.908	344.55	192.72	6.957	0.3487
0.250	1.702	307.32	220.24	9.255	0.4839
0.300	2.003	431.30	339.09	16.868	1.0986
0.350	3.005	637.14	570.12	32.071	2.1216
0.400	2.347	423.72	413.92	24.005	1.7106
0.450	2.269	409.79	332.85	25.588	2.0956
0.500	3.401	614.24	567.79	45.477	3.8725
0.550	2.000	470.97	474.25	38.243	3.5915
0.600	2.727	472.45	430.05	44.184	4.4721
0.650	2.302	427.18	437.97	41.601	4.8724
0.700	2.449	442.32	450.04	44.750	5.4637
0.750	3.023	545.40	591.98	62.420	7.7326
0.800	3.055	606.03	600.91	75.708	9.7701
0.850	3.086	611.08	649.42	84.147	11.1296
0.900	3.073	612.23	600.36	89.104	12.5114
0.950	3.206	569.31	639.02	87.638	13.4326
1.000	3.067	553.33	619.37	85.303	13.9650
1.100	2.753	533.23	600.55	100.591	16.2698
1.200	2.746	531.76	650.45	96.792	19.3141
1.300	2.227	402.50	570.40	89.442	17.1118
1.400	1.028	293.99	422.40	70.841	14.5140
1.500	1.185	213.94	344.82	61.486	12.1169
1.600	0.939	169.55	314.22	57.865	10.8996
1.700	0.812	140.59	289.53	57.732	10.6705
1.800	0.817	147.47	267.00	57.228	12.0346
1.900	0.870	158.17	249.98	56.509	14.3830
2.000	1.001	160.56	245.00	55.832	18.2210
2.200	1.064	246.30	200.49	79.046	30.0429
2.400	1.453	258.03	275.00	104.014	39.0056
2.600	1.033	240.16	269.26	102.731	40.9358
2.800	1.037	180.99	250.11	95.233	36.9110
3.000	0.805	145.50	208.74	70.145	32.9216
3.200	0.283	100.13	205.55	68.344	27.2697
3.400	0.429	77.42	229.37	63.100	22.4162
3.600	0.375	67.18	223.32	56.551	21.7805
3.800	0.340	51.46	220.14	51.406	22.1554
4.000	0.307	55.45	210.72	46.290	22.0870

RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

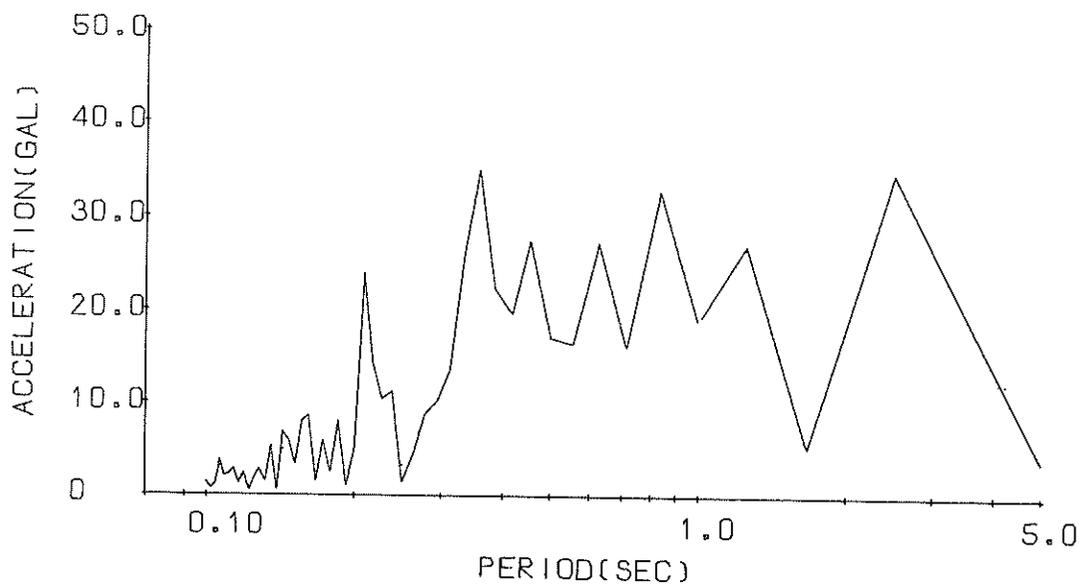
RECORD = S-252 E-W 1968. 5.16. 9.49 1968-TOKACHIOKI  
 STATION = MACHINOHE-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 29.990(SEC) SKIPPED LENGTH = 30.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 180.59(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.032	166.35	55.49	0.302	0.0118
0.100	1.220	220.30	65.93	1.769	0.0555
0.150	1.624	293.21	100.00	4.575	0.1644
0.200	1.867	301.04	109.85	5.544	0.3028
0.250	1.730	276.34	109.52	6.266	0.4341
0.300	2.195	396.46	254.35	13.315	0.8921
0.350	2.080	429.38	370.72	19.505	1.3167
0.400	1.927	347.99	332.77	19.606	1.3844
0.450	1.868	337.40	297.46	20.471	1.7090
0.500	2.276	411.02	365.48	28.147	2.5637
0.550	2.125	383.99	385.90	28.619	2.8802
0.600	2.007	362.47	372.72	31.979	3.2364
0.650	1.967	355.25	372.88	32.454	3.7216
0.700	2.162	390.40	410.56	37.100	4.7515
0.750	2.461	444.43	492.85	47.208	6.1908
0.800	2.399	469.34	502.22	58.330	7.4404
0.850	2.355	461.31	510.91	66.591	8.2704
0.900	2.462	444.52	495.42	70.800	8.9619
0.950	2.582	460.16	560.73	70.780	9.6280
1.000	2.240	405.59	535.33	67.704	10.0826
1.100	2.047	369.50	491.93	69.329	11.1271
1.200	2.039	368.17	504.59	67.806	13.1124
1.300	1.706	308.09	480.15	68.626	12.7811
1.400	1.862	295.93	597.80	62.984	11.9382
1.500	1.075	174.12	637.29	54.722	10.7977
1.600	0.870	157.16	512.75	53.834	9.8058
1.700	0.790	142.73	285.65	53.926	10.2186
1.800	0.814	146.98	269.29	53.806	11.7966
1.900	0.856	154.56	251.07	53.438	13.8170
2.000	0.913	165.71	242.35	52.899	16.4022
2.200	1.632	162.77	264.85	58.219	21.8914
2.400	1.035	156.82	237.54	74.219	26.6736
2.600	0.948	171.12	200.54	76.660	28.6890
2.800	0.765	138.19	224.76	73.423	26.7569
3.000	0.863	114.24	223.46	63.014	25.3688
3.200	0.494	89.20	221.07	58.074	22.0034
3.400	0.573	67.40	217.50	55.884	18.7836
3.600	0.507	60.78	217.00	52.631	19.1446
3.800	0.512	56.33	215.00	48.856	19.5978
4.000	0.285	53.49	212.74	44.900	19.6817

S-252 N-S

TSK=32.00

TUS=5.00

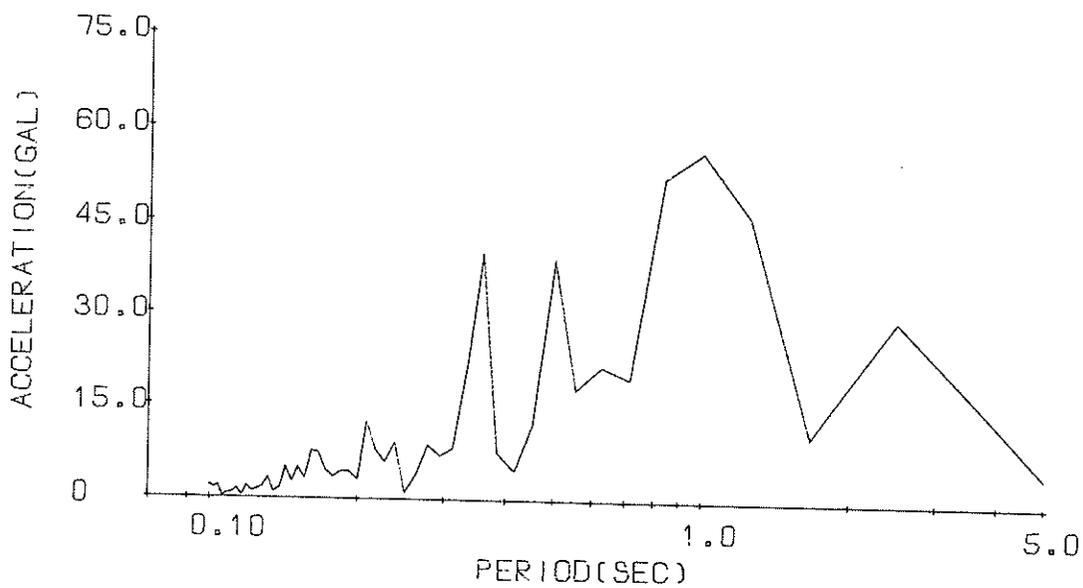


Fourier Spectrum

S-252 E-W

TSK=31.00

TUS=5.00



Fourier Spectrum

FOURIER ANALYSIS

RECORD=S-252 COMPONENT=N-S SIGNAL=GR,ACC. CURVECTION=ARC,ERR. STATION=HACHINOHE=S  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA=11900  
 DATA SKIPPED = 3200 DATA USED = 501 TIME LENGTH = 5.003(SEC) MMIN = 1 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(NMT),  
 BM IS AMPLITUDE OF SIN(NMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	-0.5898208E 001	0.7944262E 000	0.8978628E 001
2	2.5000	0.4000	-0.1467509E 002	-0.3167462E 002	0.3478314E 002
3	1.6667	0.6000	-0.4067248E 001	0.3567569E 001	0.5280438E 001
4	1.2500	0.8000	-0.1480469E 002	0.2269768E 002	0.2709914E 002
5	1.0000	1.0000	-0.1681294E 002	-0.1283906E 002	0.1887158E 002
6	0.8333	1.2000	0.5182120E 002	-0.8169882E 001	0.3285300E 002
7	0.7143	1.4000	0.5110302E 001	0.1494991E 002	0.1515041E 002
8	0.6250	1.6000	-0.1496821E 002	0.2282102E 002	0.2729187E 002
9	0.5556	1.8000	0.1642656E 002	-0.7173544E 000	0.1644221E 002
10	0.5000	2.0000	0.1456067E 002	-0.8924545E 001	0.1707807E 002
11	0.4545	2.2000	-0.2186288E 002	0.1572588E 002	0.2752693E 002
12	0.4167	2.4000	0.1961053E 002	0.1984626E 001	0.1971667E 002
13	0.3846	2.6000	-0.2248066E 002	0.4909659E 000	0.2248518E 002
14	0.3571	2.8000	0.4819465E 001	-0.3472286E 002	0.5909491E 002
15	0.3333	3.0000	0.2612442E 002	0.9044403E 000	0.2614224E 002
16	0.3125	3.2000	-0.1220295E 002	0.6012244E 001	0.1960365E 002
17	0.2941	3.4000	-0.1005354E 002	-0.1741376E 001	0.1020323E 002
18	0.2778	3.6000	0.8959776E 001	-0.2091636E 001	0.8798519E 001
19	0.2632	3.8000	0.2146330E 001	-0.3863586E 001	0.4415650E 001
20	0.2500	4.0000	0.9679985E 001	-0.1427806E 001	0.1431081E 001
21	0.2381	4.2000	0.6901344E 001	-0.8909048E 001	0.1126862E 002
22	0.2273	4.4000	0.4403100E 001	0.9904188E 001	0.1047458E 002
23	0.2174	4.6000	-0.1602036E 002	0.6393159E 001	0.1453438E 002
24	0.2083	4.8000	-0.1278674E 002	-0.2024966E 002	0.2394993E 002
25	0.2000	5.0000	0.4489268E 001	-0.2843470E 001	0.5212286E 001
26	0.1923	5.2000	-0.9659192E 000	0.4995468E 000	0.1069165E 001
27	0.1852	5.4000	-0.1037069E 001	-0.8013347E 001	0.8077200E 001
28	0.1786	5.6000	0.5192126E 000	-0.29041E 001	0.2947616E 001
29	0.1724	5.8000	0.4846455E 001	-0.3233497E 001	0.5997810E 001
30	0.1667	6.0000	0.6924588E 000	0.1592549E 001	0.1555205E 001

RECORD=S-252 COMPONENT=N\*5 SIGNAL=GR\*ACC. STATION=HACHINOHE-S  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OKI CORRECTION=ARC,ERR. SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA=1900 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 3200

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERI D	FREQU.	AM	BM	CM
31	0.1613	6.2000	-0.5702298E 001	-0.6474661E 001	0.8627691E 001
32	0.1562	6.4000	0.4657986E 001	-0.6693624E 001	0.7987280E 001
33	0.1515	6.6000	0.2420142E 001	-0.2657265E 001	0.3673528E 001
34	0.1471	6.8000	0.2684918E 001	-0.5435936E 001	0.5937011E 001
35	0.1429	7.0000	0.6596706E 001	-0.2024124E 001	0.6900259E 001
36	0.1389	7.2000	-0.4114696E 000	-0.3647909E 000	0.5498905E 000
37	0.1351	7.4000	0.2293170E 001	0.8613327E 000	0.5658134E 001
38	0.1316	7.6000	0.2289275E 000	0.1447342E 001	0.1470321E 001
39	0.1282	7.8000	-0.1231086E 001	-0.2289104E 001	0.2866884E 001
40	0.1250	8.0000	0.1618120E 001	0.8677768E 000	0.1836123E 001
41	0.1220	8.2000	0.1612269E 000	-0.5242772E 000	0.5487936E 000
42	0.1190	8.4000	-0.4099224E 000	-0.2665246E 001	0.2401490E 001
43	0.1163	8.6000	-0.2212006E 000	-0.1082987E 001	0.1215324E 001
44	0.1136	8.8000	0.1242511E 001	-0.2241472E 001	0.2830085E 001
45	0.1111	9.0000	0.7640026E 000	0.2130852E 001	0.2263676E 001
46	0.1087	9.2000	-0.2010432E 001	-0.3840995E 000	0.2046795E 001
47	0.1064	9.4000	0.6667177E 000	-0.3757885E 001	0.3816571E 001
48	0.1042	9.6000	0.7156484E 000	0.9212068E 000	0.1166522E 001
49	0.1020	9.8000	-0.6224490E 000	-0.3163628E 000	0.6982522E 000
50	0.1000	10.0000	0.4786846E 000	-0.1271077E 001	0.1658119E 001

FOURIER ANALYSIS

RECORD=S-252 COMPONENT=E-W SIGNAL=GR,AUC. STATION=HACHINOHE-S  
 DATE AND TIME=1968. 5.16. 9.49 EARTHQUAKE=1968 TOKACHI OKI CURRECTION=ARG.ERR, SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA=11900  
 DATA SKIPPED = 3100 DATA USED = 501 TIME LENGTH = 2.000(SEC) MMIN = 1 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

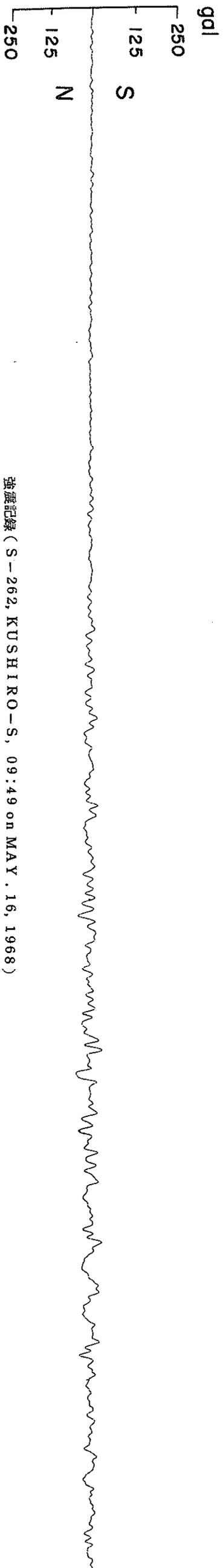
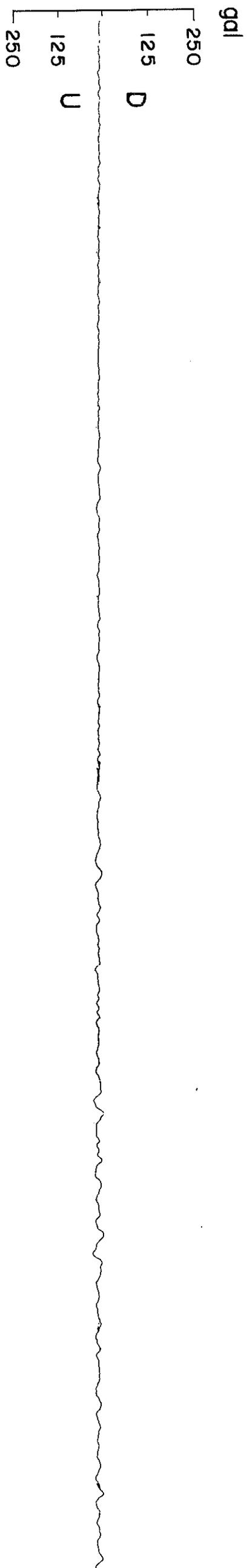
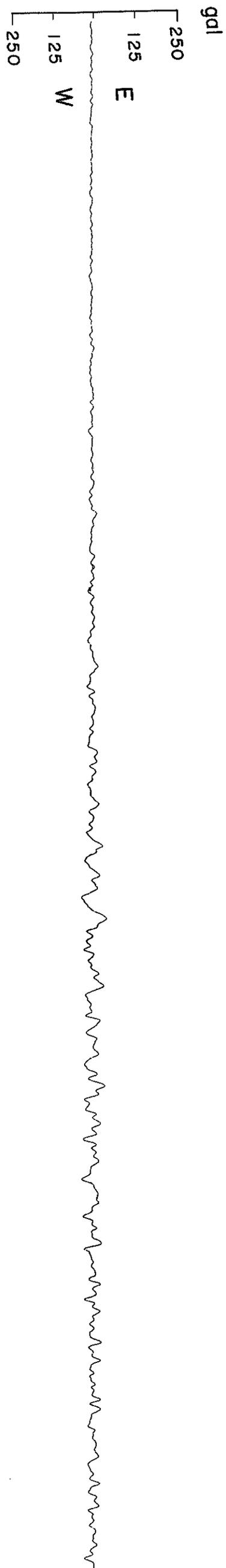
M	PERIOD	FREQ.	AM	BM	CM
1	5.0000	0.2000	0.4456675E 001	-0.1843956E 001	0.4822805E 001
2	2.5000	0.4000	-0.2524269E 002	0.1842629E 002	0.2966078E 002
3	1.6667	0.6000	0.5354272E 001	0.9052454E 001	0.1050979E 002
4	1.2500	0.8000	0.1243680E 002	-0.4441348E 002	0.4612192E 002
5	1.0000	1.0000	-0.1226617E 002	0.5492968E 002	0.5628258E 002
6	0.8333	1.2000	-0.4629201E 002	0.2375682E 002	0.5203933E 002
7	0.7143	1.4000	0.1901874E 002	-0.4413701E 001	0.1952530E 002
8	0.6250	1.6000	0.2158600E 002	0.1622161E-001	0.2158601E 002
9	0.5556	1.8000	0.8076162E 001	-0.1274725E 002	0.1774197E 002
10	0.5000	2.0000	0.6375668E 002	-0.1955529E 002	0.3899967E 002
11	0.4545	2.2000	-0.8917800E 001	-0.8067312E 001	0.1222999E 002
12	0.4167	2.4000	-0.4491648E 001	-0.1487442E 001	0.4731531E 001
13	0.3846	2.6000	-0.1924562E 001	0.7402670E 001	0.7651660E 001
14	0.3571	2.8000	0.2604539E 002	-0.3027920E 002	0.3994009E 002
15	0.3333	3.0000	0.1272402E 002	0.1429371E 002	0.2142279E 002
16	0.3125	3.2000	-0.6620070E 001	-0.473814E 001	0.8136703E 001
17	0.2941	3.4000	0.1706640E 001	-0.6771915E 001	0.6982193E 001
18	0.2778	3.6000	0.1404301E 001	-0.8613030E 001	0.8726760E 001
19	0.2632	3.8000	-0.1611789E 001	0.3732095E 001	0.4065265E 001
20	0.2500	4.0000	-0.1081007E 000	-0.1101102E 001	0.1106399E 001
21	0.2361	4.2000	-0.8954316E 001	-0.1815117E 001	0.9116435E 001
22	0.2273	4.4000	-0.4994504E 001	0.3624612E 001	0.5999844E 001
23	0.2174	4.6000	-0.2014170E 001	0.622709E 001	0.7991496E 001
24	0.2083	4.8000	0.1137820E 002	0.2015767E 001	0.1248414E 002
25	0.2000	5.0000	-0.1693696E-001	-0.3135308E 001	0.3135353E 001
26	0.1923	5.2000	0.2152629E 001	0.3805072E 001	0.4670045E 001
27	0.1852	5.4000	-0.2827409E 000	-0.442202E 001	0.4459175E 001
28	0.1786	5.6000	0.6287582E 001	0.1135831E 001	0.3478588E 001
29	0.1724	5.8000	-0.406080E 001	0.2192078E 000	0.4671240E 001
30	0.1667	6.0000	0.2880486E 001	-0.6771400E 001	0.7358605E 001

FOURIER ANALYSIS

RECORD=S-252      COMPUT=NT=2-W      SIGNAL=GR,AUC.      CORRECTION=ARC,ERR,      STATION=HACHINDHE-S  
 DATE AND TIME=1968. 5.16. 9.49      EARTHQUAKE=1968 TUKACHI OKI      SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA=11900      DATA USED = 501      TIME LENGTH = 5.000(SEC)      MMIN = 1      MMAX = 50  
 DATA SKIPPED = 3100

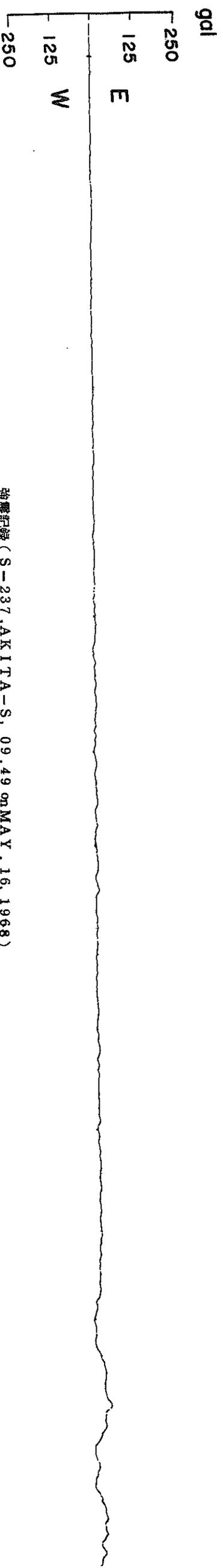
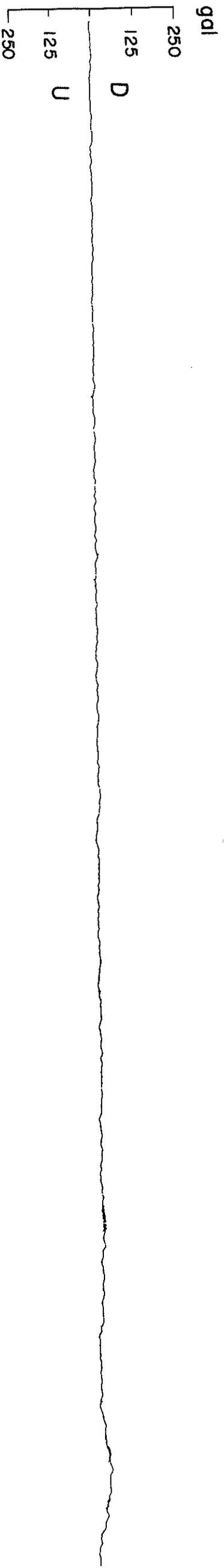
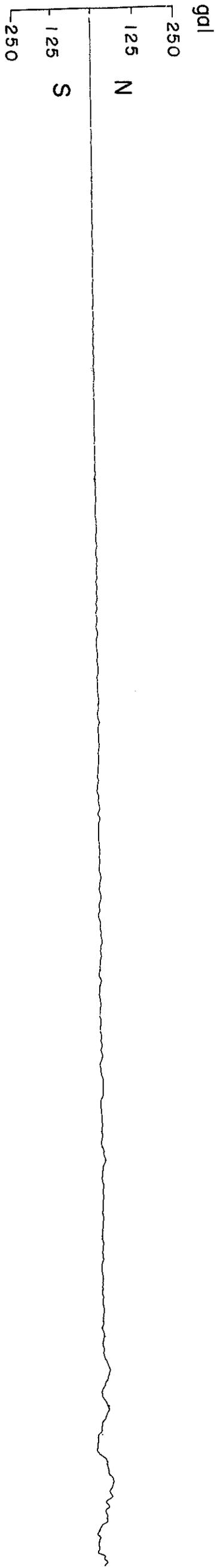
NOTE      A IS AMPLITUDE OF COS(W T).  
 B IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

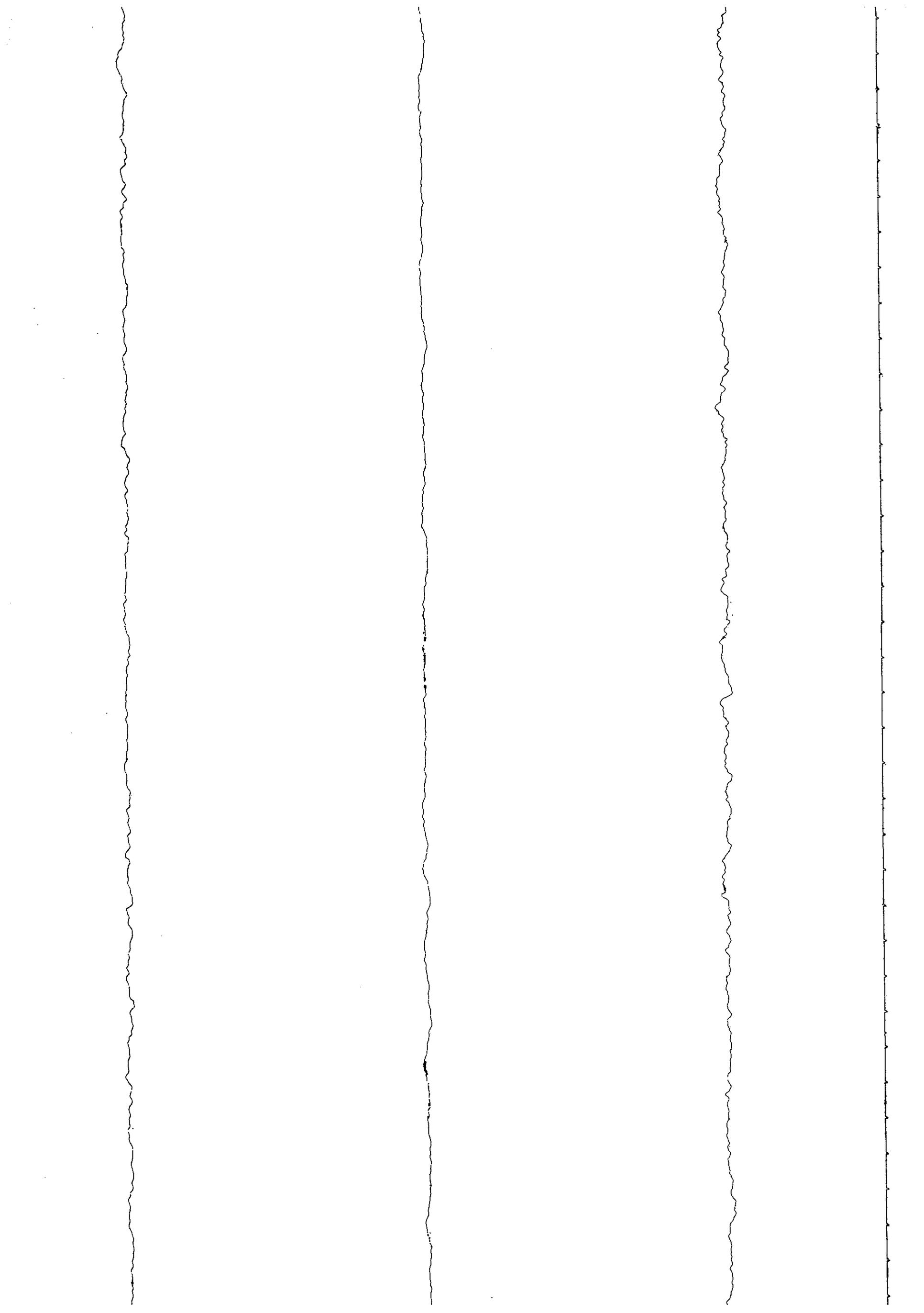
N	PERIOD	FREQ.	AM	BM	CM
31	0.1613	6.2000	0.4544836E 001	0.6055649E 001	0.7571419E 001
32	0.1552	6.4000	0.2686677E 001	-0.1813849E 001	0.3244449E 001
33	0.1515	6.6000	0.5007956E 001	0.2723226E 000	0.52015384E 001
34	0.1471	6.8000	-0.8319872E 000	0.2565669E 001	0.2716303E 001
35	0.1429	7.0000	-0.4540282E 001	-0.2525671E 001	0.5101721E 001
36	0.1389	7.2000	0.6086608E 000	-0.1724870E 001	0.1752264E 001
37	0.1351	7.4000	0.9936919E 000	0.9795279E-001	0.9985061E 000
38	0.1316	7.6000	-0.6223296E 001	-0.1132466E 001	0.6416447E 001
39	0.1282	7.8000	0.1446404E 000	-0.1802686E 001	0.1808480E 001
40	0.1250	8.0000	-0.7688987E 000	-0.1204941E 001	0.1413454E 001
41	0.1220	8.2000	0.1050274E 001	-0.2523596E 000	0.1075800E 001
42	0.1190	8.4000	-0.8460462E 000	-0.1755180E 001	0.1948049E 001
43	0.1163	8.6000	0.1861998E 000	0.2657385E 000	0.3221916E 000
44	0.1136	8.8000	0.5884251E 000	0.1463725E 001	0.1555330E 001
45	0.1111	9.0000	-0.7767067E 000	-0.2463037E 000	0.8149757E 000
46	0.1087	9.2000	0.5567211E 000	-0.3693782E 000	0.6523217E 000
47	0.1064	9.4000	0.8666594E-001	0.1763102E 000	0.1929893E 000
48	0.1042	9.6000	0.2012110E 001	-0.2793001E-001	0.2012605E 001
49	0.1020	9.8000	0.1269497E 000	-0.1651662E 001	0.1656533E 001
50	0.1000	10.0000	-0.7826508E 000	0.1881922E 001	0.2038066E 001

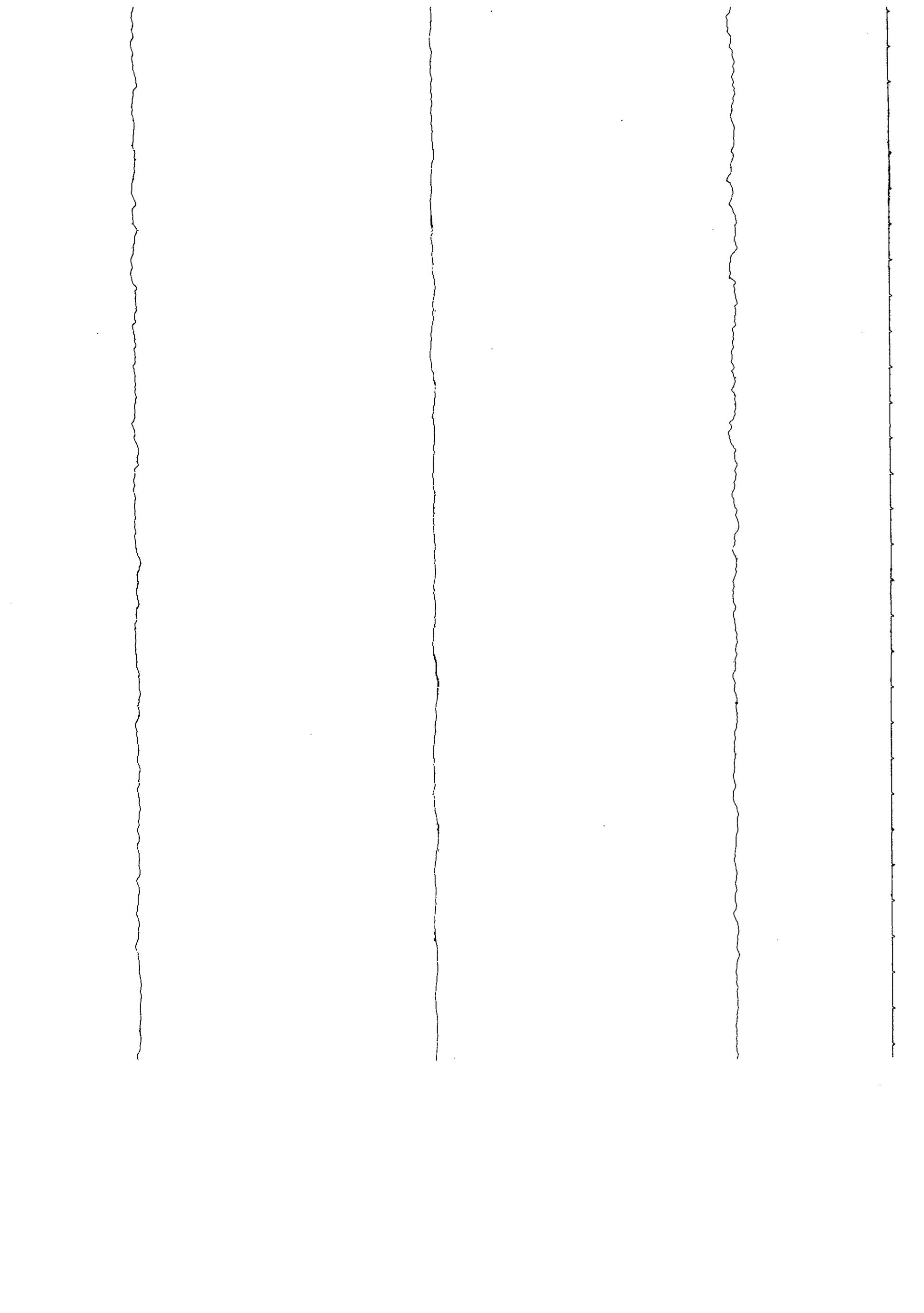


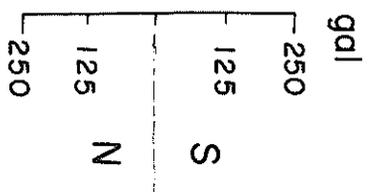
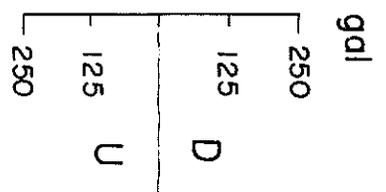
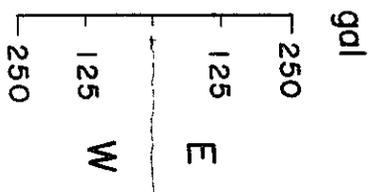


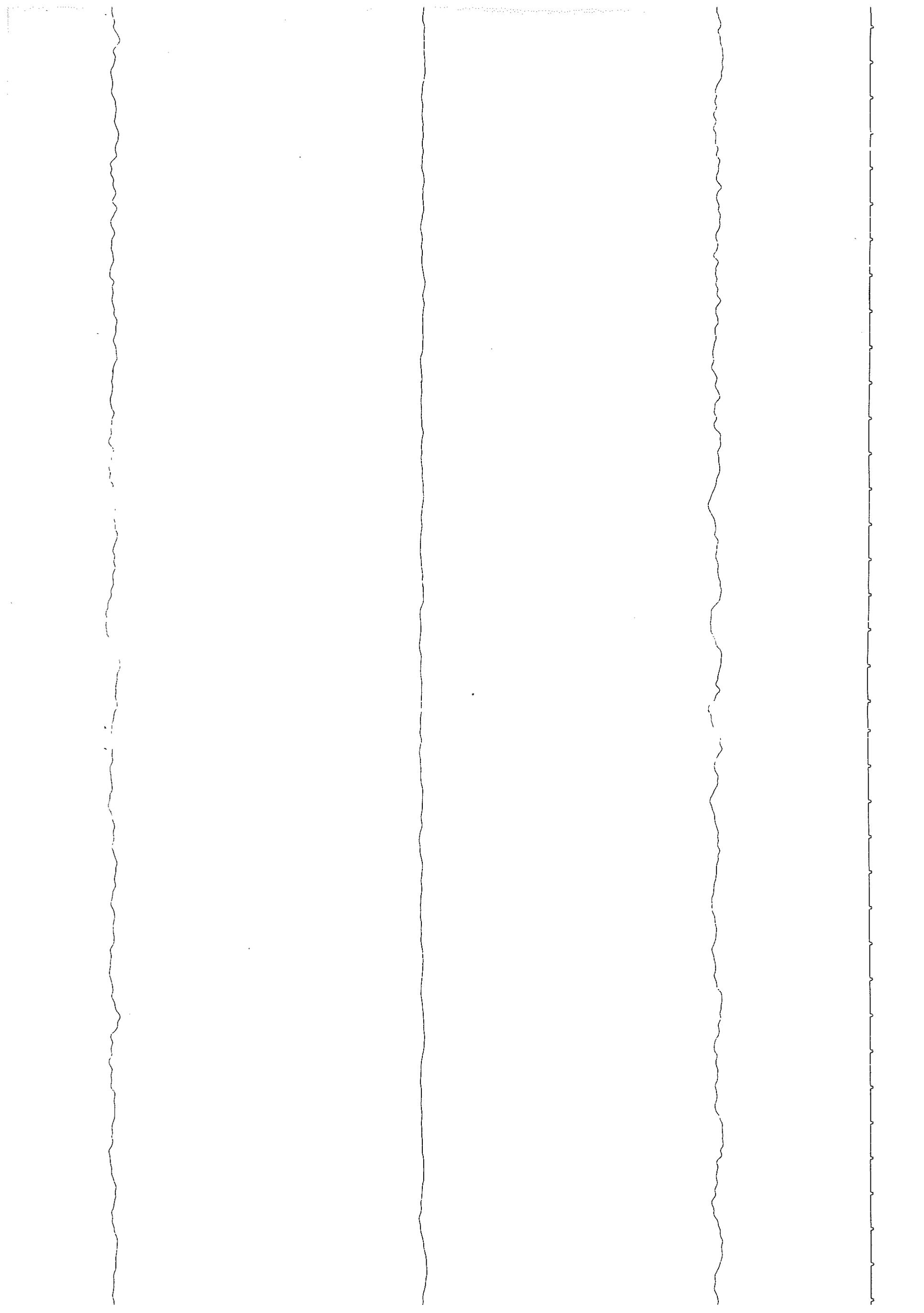


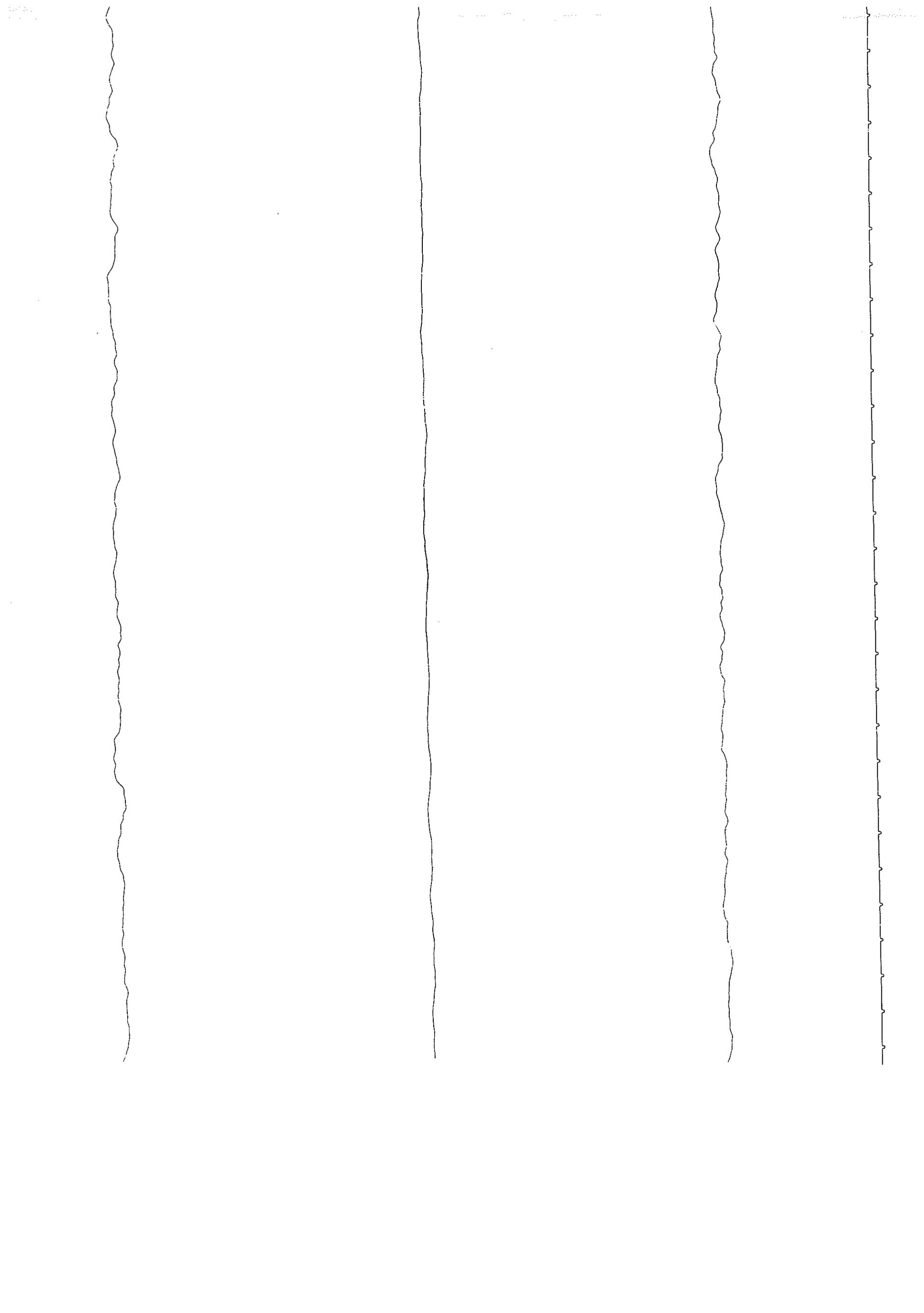


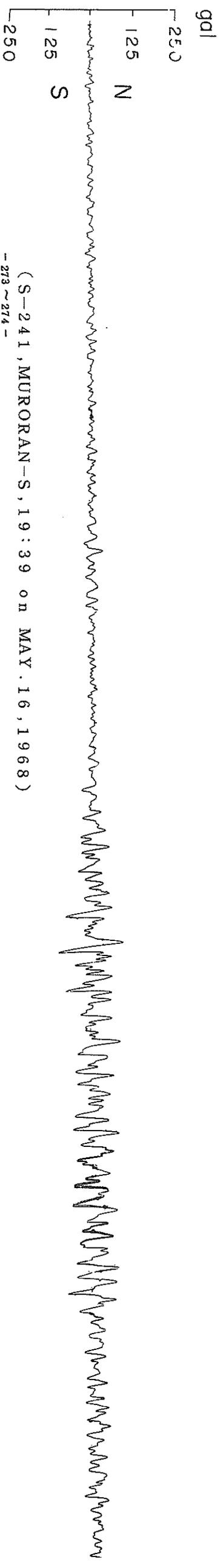
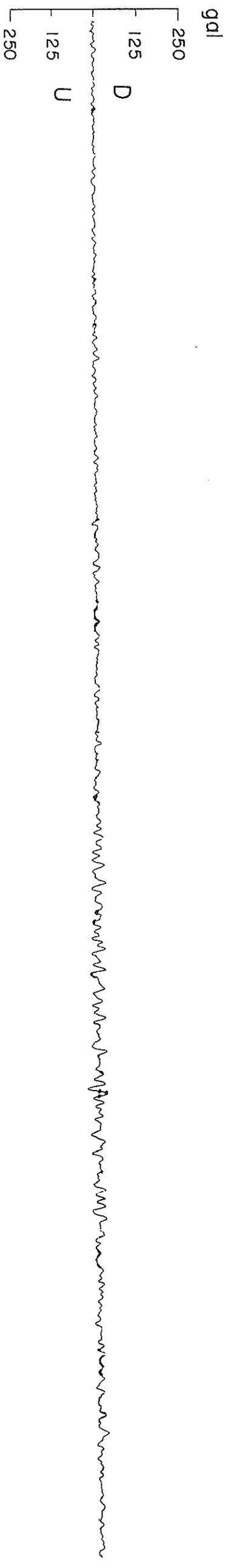
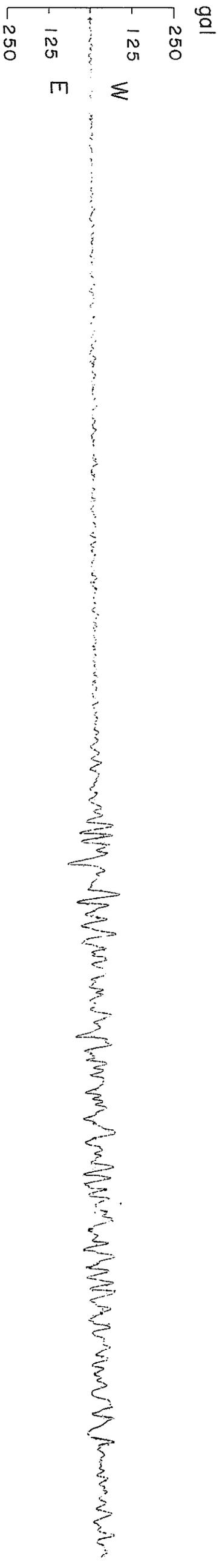












(S-241, MURORAN-S, 19:39 on MAY. 16, 1968)  
- 273 ~ 274 -



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RECORDS=241 COMPONENT=N=S SIGNAL=RR.ACC. CURVECTION=ARC.ERR. STATION=HURGRAN=S  
 DATE AND TIME=1968-05-10-19-39 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8450

NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	0.	4.79	2.10	1.40	1.40	-2.00	-4.50	-4.01	4.78	6.10
2	0.	3.01	0.50	-0.10	2.50	-5.00	-4.20	-5.81	0.40	6.60
3	0.	1.50	-0.80	-0.80	2.50	-3.00	-4.20	-2.00	0.00	6.48
4	0.00	6.18	0.40	-1.50	2.10	-3.90	-4.20	-3.61	-2.00	4.58
5	1.50	4.19	0.42	-1.50	1.60	-3.89	-4.70	-3.19	-5.82	0.00
6	0.29	0.50	7.90	-1.50	0.50	0.00	-5.50	3.20	-8.00	-2.40
7	0.	-3.71	-7.99	-1.50	-0.00	3.71	-5.90	5.00	-8.00	-6.33
8	-0.00	-5.60	-1.50	-5.60	-0.30	5.90	-6.49	5.00	-7.99	-9.90
9	-1.90	-5.80	0.80	0.80	0.50	5.79	-5.79	5.00	-7.49	-9.89
10	-3.30	-5.80	-1.80	0.20	0.50	5.86	-4.17	5.59	-6.49	-9.38
11	-1.90	-5.29	0.30	0.00	0.00	1.00	3.70	4.70	-5.90	-8.09
12	-0.20	-3.70	4.61	0.60	3.90	-3.70	5.50	4.00	-5.90	-7.30
13	-0.20	-2.70	5.80	1.90	3.89	-4.91	5.50	3.40	-5.90	-7.31
14	0.60	-2.70	6.79	1.20	2.20	-6.75	5.19	1.90	-6.41	-8.40
15	2.70	-2.50	6.89	1.20	2.10	-11.69	4.10	0.30	-7.61	-8.39
16	2.60	-2.10	1.40	1.50	-4.71	-11.28	3.20	0.	-8.60	-7.88
17	0.40	-0.80	-0.00	3.91	-5.91	-6.97	3.00	-0.00	-8.47	-6.49
18	-1.20	-0.80	0.80	6.12	-7.90	-4.48	3.20	-0.10	-6.37	-5.59
19	1.90	-0.80	0.80	8.40	-7.89	-1.00	3.90	-0.30	-2.99	-4.19
20	-0.00	-1.70	0.70	8.37	-7.27	1.20	4.70	-0.70	3.50	-2.60
21	-1.00	-3.40	2.50	6.57	-4.60	1.20	4.70	-0.70	4.50	-2.30
22	-1.40	-4.20	3.20	6.09	-3.99	1.60	4.50	-0.40	4.50	0.55
23	-0.20	-3.78	3.20	0.40	-2.50	1.60	3.50	-0.40	4.50	3.40
24	1.90	4.21	5.20	3.10	-2.50	2.40	2.70	-0.70	4.00	3.91
25	1.90	7.40	5.20	4.60	-3.10	3.00	2.70	-1.80	3.60	5.70
26	-0.00	7.80	5.93	4.60	-3.60	3.10	2.20	-2.40	2.70	5.70
27	-0.20	7.77	5.32	4.60	-4.00	3.10	0.70	-5.32	1.90	5.70
28	3.40	5.57	10.57	-3.90	-0.99	2.90	-0.00	-9.34	1.90	5.70
29	4.60	1.00	9.15	-3.60	-2.30	1.80	-1.50	-11.66	1.90	5.70
30	4.59	-0.40	8.36	-2.20	1.50	0.70	-2.80	-10.17	1.90	5.49
31	3.20	-1.10	2.19	-1.40	2.20	0.80	-4.10	-8.65	1.90	4.29
32	1.50	-0.70	-2.71	-1.00	3.30	1.90	-5.21	-5.68	1.70	1.80
33	1.90	0.40	-5.93	-1.00	4.10	3.90	-6.11	-3.20	0.10	-2.40
34	1.90	0.80	9.455	1.00	4.71	4.71	-7.21	-1.70	0.	-3.10
35	0.10	0.80	-12.00	-1.40	5.40	5.80	-8.00	-1.70	-0.00	-3.20
36	-2.80	0.80	-12.00	-1.50	5.71	5.60	-8.08	-1.70	-0.70	-1.90
37	-3.80	0.50	-11.95	-1.80	6.51	4.99	-6.99	-0.20	-1.90	-4.51
38	-3.80	-0.00	-10.24	-1.80	7.93	3.00	-5.69	0.50	-3.90	5.91
39	-3.40	-0.30	-7.38	-1.80	9.90	2.70	-3.89	4.26	-3.90	7.90
40	-3.30	0.70	-5.28	-1.80	9.87	1.80	-1.70	8.04	-3.90	7.87
41	-4.70	-1.40	-1.40	-1.80	8.37	0.80	5.90	10.70	-2.50	5.75
42	-5.40	-1.10	2.00	-1.40	6.33	-0.60	6.30	10.67	0.00	-0.70
43	-5.90	-0.70	2.00	-0.60	-1.20	-1.90	6.27	9.27	2.40	-4.71
44	-6.50	-1.10	1.10	0.00	-2.60	-3.50	2.50	7.89	2.80	-6.20
45	-6.59	-1.70	0.10	3.20	-5.72	-4.71	-0.40	6.99	3.70	-6.40
46	5.83	-2.30	-1.40	3.20	-7.90	-6.40	-0.60	5.79	4.50	-6.38
47	7.83	-4.19	-1.90	3.00	-7.68	-6.70	-1.90	4.20	4.70	-3.79
48	10.16	-4.10	-1.90	2.30	-5.78	-6.80	-2.75	5.20	5.60	-2.10
49	8.48	-3.58	-1.20	1.90	-3.00	-3.60	-3.60	6.00	5.90	-3.11
50	0.98	1.90	1.30	0.80	-1.90	-5.59	-3.60	6.19	5.90	-5.94

RECORDS=241  
 DATE AND TIME=1968-05-16-19-39 COMPONENT=N+S  
 SAMPLING INTERVAL= 0.040 (SEC)  
 STATION=MURORAN+S  
 TOTAL NUMBER OF DATA= 8450

NO.	( 500)	( 550)	( 600)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	11.59	0.00	-3.10	-10.73	-3.10	0.	1.10	1.10	-1.80	-5.91
2	14.56	2.00	-3.91	-11.88	-5.30	0.	0.20	0.30	1.90	-7.92
3	12.90	3.90	-5.80	-11.21	-5.70	-0.00	-3.00	0.20	1.90	-9.39
4	15.85	3.90	-7.80	-7.87	-5.69	-0.30	-3.90	0.10	0.	-8.91
5	14.73	3.79	-5.29	-5.59	-4.09	-1.10	-3.00	0.10	-0.00	-8.87
6	-9.01	-0.00	-3.20	-3.78	-1.40	-1.60	-4.99	0.10	1.40	3.92
7	-6.89	-2.10	-1.30	3.70	-1.40	-1.40	-3.49	0.40	0.00	11.31
8	0.00	-3.75	-3.71	3.70	-1.30	-1.30	2.20	1.90	3.91	11.58
9	3.10	-5.40	-2.72	3.70	-1.30	-1.10	4.30	3.10	5.92	10.90
10	3.80	-5.38	-7.90	3.10	-1.30	-1.70	4.30	3.20	9.18	7.07
11	5.11	-2.29	-8.00	2.20	-1.50	-2.10	3.89	5.10	7.90	3.90
12	6.12	4.10	-8.00	1.70	-1.10	-3.81	1.50	5.09	7.75	3.00
13	8.75	4.19	-7.68	0.50	-1.30	-6.41	0.60	4.00	3.89	1.70
14	11.90	1.00	-6.50	-0.10	4.61	-8.10	0.	3.79	-0.00	3.91
15	11.84	-1.10	-6.50	-1.70	7.53	-8.09	0.	1.40	-1.70	5.70
16	9.98	-3.61	-0.50	1.70	9.92	-7.54	-0.00	-1.10	-1.90	5.90
17	9.08	5.70	-6.20	-1.70	10.96	-2.99	-1.90	-1.20	-3.90	5.89
18	7.74	-6.30	-5.97	4.42	9.45	0.30	-2.40	-1.30	-3.90	5.18
19	3.34	6.27	-1.70	8.39	6.94	0.30	-3.91	5.91	-6.00	1.90
20	-1.10	-2.49	2.60	14.00	1.40	-0.60	-7.18	2.00	-9.54	0.
21	-2.30	1.40	3.71	13.88	-2.50	-0.00	-5.71	6.71	-1.90	0.
22	-3.90	1.30	5.51	10.93	-0.70	-0.00	-7.60	7.18	-1.90	-0.00
23	-4.50	1.00	7.50	8.28	-6.33	-0.70	-7.90	5.38	-3.90	-1.10
24	-5.40	-0.80	7.48	6.94	-9.70	-0.70	-7.89	2.00	-5.93	0.
25	-5.40	-1.40	5.89	4.99	-9.69	-0.60	-7.18	2.00	-9.54	0.
26	-5.00	-1.20	5.19	3.80	-9.38	0.	-5.17	-1.70	-11.75	-0.00
27	-4.40	0.00	4.00	2.70	-8.30	0.00	0.40	-1.70	-13.42	-1.70
28	-3.80	4.11	3.90	2.70	-8.30	0.60	4.31	-3.40	-13.71	-3.70
29	-3.50	6.61	3.90	1.80	-8.62	1.50	7.96	-5.10	-9.13	-4.31
30	-3.21	7.40	4.40	-1.80	-8.60	3.90	12.11	-4.99	-4.97	-5.93
31	-7.13	7.37	5.20	-4.51	-9.59	4.00	12.40	-3.59	0.00	-9.73
32	-9.91	5.09	5.80	-6.34	-9.17	4.50	12.29	0.00	3.91	-11.31
33	-10.53	3.89	6.10	-11.08	-7.28	4.49	9.08	1.90	5.91	-10.90
34	-7.76	-0.10	6.10	-13.91	-5.73	3.00	7.66	1.90	7.75	-6.98
35	-4.49	-1.90	5.90	-14.20	3.90	1.70	4.58	1.80	12.00	-4.95
36	-1.80	-3.70	5.90	-14.12	4.01	0.20	0.50	1.60	15.60	3.91
37	1.60	-5.32	5.68	-12.28	5.90	0.20	-0.00	1.90	15.51	5.70
38	1.90	-7.90	2.40	-8.69	5.80	0.	-1.70	3.10	13.78	5.91
39	1.20	-7.87	-0.00	-8.10	5.49	0.	-3.40	3.30	10.92	7.19
40	0.	-5.77	-1.50	-7.90	4.60	0.	-3.91	3.20	7.72	5.99
41	-0.00	-1.00	-1.90	-7.86	3.90	-0.00	-3.90	1.90	4.98	4.98
42	-0.60	3.00	-3.30	-4.46	3.60	-2.30	-6.51	1.10	-1.90	1.90
43	-1.00	3.00	-4.40	4.62	3.30	-4.72	-7.87	-1.90	-3.91	-0.30
44	-1.00	3.70	-5.31	8.59	3.00	-7.92	-5.96	-3.71	-5.91	-1.90
45	-1.00	3.90	-6.71	14.30	1.90	-9.60	-1.40	-5.61	-7.90	-1.90
46	-0.40	4.00	-7.91	14.17	1.50	-9.52	2.00	-7.52	-7.89	-1.90
47	0.	4.40	-8.31	11.05	0.30	-5.69	2.00	-9.50	-7.38	-1.90
48	0.	4.40	-9.11	5.28	0.	-4.00	2.00	-9.66	-5.80	-1.45
49	0.	3.89	-9.41	2.00	0.	1.10	1.90	-7.47	-5.50	-1.00
50	0.	1.20	-9.72	-1.00	0.	1.90	1.10	-5.18	-5.50	1.30

RECORD=S-241  
 DATE AND TIME=1968-05-16-19-39  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 CORRECTION=ARC.ERR.  
 TOTAL NUMBER OF DATA= 8450

STATION=MURORAN-S  
 TOTAL NUMBER OF DATA= 8450

NO.	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	1.90	-3.91	-11.32	5.99	3.09	-13.62	-9.10	3.00	7.70	5.91
2	3.91	-5.83	-11.90	17.99	0.10	-13.71	-9.11	3.90	-7.87	7.20
3	7.93	-9.70	-11.84	22.42	0.	-13.92	-9.57	3.90	-6.00	7.88
4	9.90	-9.75	-9.85	26.90	0.	-14.64	-7.87	5.20	-5.89	5.98
5	9.90	-9.72	-7.59	27.97	0.	-13.02	-5.88	5.89	-5.19	3.90
6	9.86	-6.00	-7.09	27.41	-0.00	-13.69	-3.00	3.90	-3.90	3.00
7	8.88	-5.49	-6.31	24.72	-1.60	-11.63	-1.70	3.90	-3.68	1.90
8	-3.70	-1.70	-7.91	20.10	-3.91	-5.76	-1.10	0.	3.30	1.90
9	-1.70	-3.50	-7.90	18.70	-7.75	0.00	-1.90	0.	5.80	7.94
10	-3.71	-3.50	-7.58	14.66	-12.00	5.73	-1.90	0.00	5.91	10.97
11	-3.72	-1.90	-5.88	6.97	-13.33	9.77	-3.89	1.90	7.50	9.86
12	-7.90	0.00	-6.40	6.99	-16.00	13.62	-1.90	2.90	7.35	7.97
13	-7.90	1.50	-17.71	0.20	-17.71	13.91	0.00	3.90	3.39	5.87
14	-7.90	3.90	-1.90	-17.63	-17.63	14.09	3.10	2.99	-1.50	2.00
15	-7.68	3.90	-1.90	-3.70	-16.70	13.64	3.90	-0.00	-3.91	-1.90
16	-5.88	3.89	-1.90	-2.20	-8.94	9.84	3.60	-1.90	-5.70	-3.61
17	-3.50	2.00	-1.90	-5.95	-5.58	6.98	1.90	-3.60	-5.77	-5.70
18	-1.90	-1.20	0.00	-11.96	-1.90	5.37	1.80	-5.30	-2.10	-5.78
19	-1.90	3.71	3.91	-13.90	-1.00	-0.00	0.	-5.80	0.	-3.10
20	-3.91	-5.80	7.95	-13.95	0.00	-1.90	0.00	-5.60	-0.00	-1.90
21	-3.91	-5.90	11.90	-15.00	0.70	-5.71	3.70	-5.60	-1.70	-3.51
22	-7.70	-5.98	12.04	-12.82	2.70	-7.75	3.91	-5.90	-3.91	-5.72
23	-7.87	-4.00	13.31	-8.00	4.61	-11.96	5.90	-6.01	-5.90	-7.98
24	-5.88	3.80	13.61	-7.79	5.91	-13.98	5.90	-7.59	-5.90	-13.90
25	-3.79	3.40	13.89	-7.20	7.90	-15.98	5.59	-6.99	-5.89	-13.90
26	-1.90	3.90	13.54	-7.09	7.91	-17.63	3.40	-5.87	-4.98	-13.78
27	0.	3.90	11.94	-5.90	8.51	-17.03	1.90	-2.00	-1.90	-10.87
28	1.70	3.90	9.86	-2.99	9.21	-7.63	1.90	0.00	-1.90	-5.98
29	1.70	4.10	7.78	-2.99	9.94	-1.40	1.80	1.90	-1.90	-3.79
30	3.91	3.10	5.87	3.90	11.96	3.60	-0.00	1.90	-1.90	-1.50
31	5.71	-1.40	1.40	4.41	13.97	3.60	-1.90	1.90	-5.50	-1.50
32	7.31	2.50	-0.00	5.80	15.52	3.90	-3.91	1.80	-5.91	-1.50
33	7.90	4.11	-6.31	5.89	15.79	3.91	-6.55	-0.70	-7.89	-1.90
34	8.00	5.72	-5.93	4.99	15.57	7.98	-11.95	-3.61	-6.96	-2.00
35	7.89	7.90	-9.99	3.69	14.92	13.98	-13.52	-7.63	-3.39	-3.00
36	6.98	7.92	-13.98	-0.40	13.64	15.90	-13.62	-3.94	0.00	-3.10
37	5.19	9.11	-16.09	-1.70	11.73	15.81	-6.95	-11.94	1.90	-2.00
38	3.79	9.61	-19.55	-6.91	9.67	14.24	-1.60	-13.20	3.90	-3.00
39	1.80	9.90	-21.08	5.91	7.77	12.88	6.00	-13.01	3.00	-3.20
40	1.90	9.90	-19.82	-7.52	5.98	9.48	1.40	-7.96	1.00	-3.50
41	1.90	10.03	-18.77	-9.31	2.00	6.10	1.90	-5.37	-0.40	-3.79
42	3.20	11.20	-15.84	-9.90	-0.00	5.90	1.50	0.00	-3.90	0.00
43	3.40	11.17	-12.96	-9.90	-1.90	5.80	0.10	3.00	-5.80	5.90
44	2.00	9.88	-11.90	-9.72	-3.91	5.99	1.50	3.90	-5.91	5.91
45	1.90	8.97	-11.90	-5.73	-7.53	3.79	1.90	3.90	-7.10	7.60
46	1.70	6.97	-12.01	6.91	-9.93	-0.00	1.90	3.79	-6.99	7.33
47	0.	3.78	-12.17	7.52	-11.51	-1.50	3.00	1.90	-5.89	1.00
48	-0.00	-1.30	-11.21	9.40	-11.96	-1.90	1.90	-0.00	-3.99	-1.70
49	-1.50	-3.91	-13.88	9.37	-13.88	-5.91	1.90	-1.90	-2.00	-3.00
50	-1.90	-7.95	-3.68	7.84	-13.49	-7.92	1.90	-5.91	0.00	-3.50

RECORD=S-241  
DATE ANU TIME=1968-05-16-19-39  
COMPONENT=N-S  
SIGNAL=GP.ACC.  
CORRECTION=ARC.ERR.  
TOTAL NUMBER OF DATA= 8450

STATION=MURDRAN-S  
TOTAL NUMBER OF DATA= 8450

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

NO.	( 1500)	( 1550)	( 1600)	( 1650)	( 1700)	( 1750)	( 1800)	( 1850)	( 1900)	( 1950)
1	-0.89	3.80	1.90	-2.89	6.89	6.00	16.49	-20.07	18.40	-50.28
2	-3.90	-3.90	-1.10	-0.89	1.00	6.41	27.47	-22.09	16.80	-56.12
3	0.	3.90	-1.50	-1.80	0.10	7.80	7.832	-23.97	24.38	-62.86
4	0.	-3.89	0.	-2.50	-2.50	7.93	41.60	-26.50	30.81	-67.17
5	0.00	0.00	-1.90	0.00	-5.89	9.89	39.68	-30.71	39.00	-70.97
6	1.00	3.91	-2.91	1.90	-5.91	13.95	34.86	-35.29	41.50	-74.34
7	1.70	7.90	-7.95	1.90	-7.10	15.00	30.69	-40.00	36.52	-71.74
8	1.90	7.90	-11.95	1.90	-7.50	14.94	25.09	-40.00	30.46	-56.78
9	3.90	7.90	-12.15	3.90	-7.09	13.62	19.11	-27.69	22.60	-25.28
10	4.00	7.79	-13.77	3.91	-5.90	11.65	9.76	-6.09	14.85	18.47
11	6.90	6.99	-12.82	5.90	-5.80	9.90	3.19	21.10	5.94	25.69
12	6.89	5.79	-7.75	5.90	-5.70	9.94	-1.91	20.94	-2.41	25.37
13	3.89	3.89	-0.89	5.90	-5.91	11.92	-11.39	18.82	-10.06	23.22
14	1.90	1.90	0.00	5.90	-7.93	16.12	-18.17	11.67	-17.59	17.69
15	-1.90	1.60	1.40	5.90	-9.93	20.64	-22.26	7.19	-21.93	13.11
16	-1.90	1.60	0.90	5.90	-11.21	28.24	-27.43	5.87	-23.95	8.10
17	1.10	1.90	5.60	5.90	-11.46	30.89	-30.13	1.90	-24.80	1.10
18	1.40	1.90	5.93	5.80	-9.88	31.90	-31.48	0.00	-24.20	-3.90
19	1.00	1.90	9.99	5.49	-8.97	31.48	-26.94	-1.90	-23.45	-3.90
20	0.00	1.90	15.95	3.90	-7.30	29.14	-11.55	-3.21	-32.96	-2.99
21	0.10	1.40	15.04	3.89	-7.40	24.93	0.00	-5.96	-31.82	1.70
22	-1.90	0.00	15.70	1.40	-7.70	19.85	3.29	-13.47	-29.63	6.38
23	-3.90	-1.50	15.89	-3.91	-7.90	12.91	0.00	-15.36	-15.36	4.28
24	-3.90	-1.90	13.58	-3.96	-7.89	7.82	-3.91	-17.85	-5.82	0.00
25	-3.90	-3.90	15.13	-13.78	-6.84	1.70	-7.98	-20.20	8.01	-3.91
26	-3.40	-3.90	11.17	-15.93	8.04	1.90	-14.14	-23.30	15.98	-7.98
27	-1.80	-5.30	9.88	-20.25	18.04	-7.98	-19.53	-22.61	17.30	-13.50
28	3.90	5.90	8.95	-24.41	19.89	-14.05	-19.66	-15.81	15.60	-15.79
29	3.90	5.91	8.87	-28.17	19.48	-17.94	-16.35	-13.57	10.05	-13.49
30	3.90	7.11	1.90	-29.57	15.58	-24.40	-5.76	-5.41	7.72	-5.87
31	3.90	7.60	-1.90	-29.90	9.75	-28.12	12.02	7.94	1.90	-1.90
32	6.40	7.92	-5.91	-28.42	7.08	-30.13	15.90	18.21	1.40	-1.90
33	6.00	9.70	-7.73	-20.84	4.97	-32.16	15.79	20.70	5.98	-7.68
34	6.00	9.86	-15.01	-15.01	0.00	-32.58	13.82	25.20	17.44	-14.06
35	6.30	7.78	-11.11	-7.38	0.00	-28.45	11.83	24.91	34.27	-17.99
36	6.60	-5.88	-11.28	-5.90	-3.91	-20.13	9.36	22.84	44.28	-22.37
37	6.90	-2.98	6.99	-5.70	-7.98	-5.30	7.08	21.35	45.98	-26.30
38	6.90	5.30	-5.89	-4.99	-14.06	-5.40	5.59	18.56	41.86	-25.61
39	6.90	5.91	-0.89	-3.87	-18.26	-5.93	3.89	12.82	35.82	-20.89
40	6.59	7.09	-1.80	-3.87	-25.78	-10.03	1.90	7.85	31.05	-15.59
41	1.40	5.88	1.00	3.91	-27.56	-16.19	1.00	3.89	26.34	-9.90
42	-1.50	3.40	-1.00	5.61	-26.96	-21.97	0.00	0.00	17.51	-9.90
43	-3.91	1.90	-1.80	7.21	-21.48	-24.62	-0.00	-5.40	9.11	-10.03
44	-3.91	1.90	-1.90	7.90	-17.50	-27.61	-1.90	-9.94	3.88	-15.93
45	-7.11	3.90	-3.80	7.89	-12.75	-30.13	-5.93	-11.70	-3.72	-20.22
46	-7.79	3.90	-5.90	7.48	0.00	-31.94	-9.94	-11.59	-10.03	-23.60
47	-7.38	3.90	3.90	5.95	5.95	-30.92	-11.96	-0.95	-16.34	-23.11
48	-5.89	4.00	5.40	5.90	4.31	-24.21	-14.06	9.97	-24.69	-19.14
49	-6.90	3.90	-5.40	5.90	-5.80	-5.80	-17.84	17.90	-33.53	-16.85
50	-0.80	3.00	-5.70	5.99	6.00	7.91	-19.81	17.93	-49.76	-11.25

NO.	( 2000 )	( 2050 )	( 2100 )	( 2150 )	( 2200 )	( 2250 )	( 2300 )	( 2350 )	( 2400 )	( 2450 )
1	-5.98	18.63	23.37	-7.55	-20.08	-31.74	31.71	-13.38	-52.65	-28.09
2	-3.79	29.90	28.28	-19.90	-19.90	-51.59	42.86	-18.10	-42.50	-35.43
3	0.00	29.08	30.32	-3.90	-19.90	-32.65	50.30	-20.88	-25.17	-42.70
4	1.90	23.26	-30.76	-3.90	-20.07	-54.89	49.31	-22.32	-24.08	-49.25
5	5.94	7.84	-21.07	-5.00	-21.90	-58.66	42.33	-19.32	-24.23	-52.59
6	11.95	3.38	-16.13	-5.20	-21.89	-41.90	30.70	-11.50	-27.44	-56.64
7	21.75	-5.93	-2.00	-5.70	-20.86	-44.45	20.86	-7.97	-33.15	-59.09
8	42.87	-10.40	-0.00	-5.93	-11.55	-43.13	11.72	-5.91	-35.41	-58.81
9	60.50	-30.74	-0.92	-9.98	0.00	-20.28	5.69	-37.98	-37.98	-52.41
10	71.88	-34.94	10.18	-13.86	9.66	28.90	3.88	-11.89	-33.83	3.45
11	77.80	-39.95	-18.56	-17.78	7.76	33.50	-2.40	-18.33	-18.49	22.21
12	76.35	-45.68	-28.30	-21.72	4.96	33.50	5.91	-24.69	0.20	25.99
13	71.51	-48.92	-37.73	-21.90	-1.90	33.50	-7.93	-30.71	1.70	27.97
14	67.69	-46.72	-44.44	-21.85	-5.94	33.45	-10.19	-34.89	2.10	29.49
15	61.46	-32.38	-51.28	-21.26	-11.32	33.23	-9.90	-38.93	1.40	30.48
16	53.37	-5.50	-60.08	-19.90	-11.88	32.64	-9.90	-41.69	-0.00	31.24
17	43.67	-5.50	-72.17	-20.23	-11.25	30.35	-10.27	-40.66	-2.60	31.19
18	33.12	-5.53	-75.45	-28.64	-5.86	25.80	-18.26	-36.70	-3.70	29.34
19	26.08	-9.72	-75.45	-28.64	0.00	23.60	-25.90	-30.74	-3.59	27.36
20	13.49	-15.63	-72.67	-31.94	2.00	17.46	-29.50	-18.73	1.70	23.23
21	5.84	-18.18	-65.69	-34.41	1.00	9.74	-36.73	-12.48	5.96	17.00
22	-2.01	-21.55	-53.37	-35.37	3.51	6.96	-43.05	-25.94	13.98	10.87
23	-14.33	-16.71	-42.07	-36.02	-6.21	3.00	-45.10	-26.14	15.67	5.97
24	-24.31	15.96	-35.21	-36.14	-7.34	0.40	-45.10	-25.72	19.28	2.50
25	-31.04	25.90	-28.29	-33.23	-1.75	-0.60	-48.13	-23.99	24.07	0.80
26	-38.05	24.83	-22.56	-38.93	51.65	-0.70	-57.60	-23.59	27.21	0.50
27	-47.83	17.33	-11.78	-43.45	67.40	-1.50	-62.54	-24.45	30.92	5.95
28	-55.53	9.07	7.95	-45.70	68.10	-3.92	-63.00	-32.86	35.03	12.81
29	-64.29	1.90	3.98	-44.68	68.20	-9.79	-63.00	-42.53	35.08	15.81
30	-73.31	-3.11	-1.90	-41.77	66.06	-14.00	-63.00	-46.90	31.80	17.84
31	-82.10	-8.11	-5.91	-36.52	63.41	-16.49	-62.66	-43.99	22.84	17.84
32	-88.61	-16.22	-7.89	-28.19	55.66	-17.73	-61.55	-38.74	18.49	16.72
33	-92.84	-21.11	-6.97	-19.35	47.99	-13.59	-64.90	-32.21	9.49	12.32
34	-95.07	-16.56	-3.78	-11.70	-40.72	-3.77	-25.27	-25.18	3.97	9.86
35	-92.47	-3.40	0.94	-1.90	-62.55	6.40	17.13	-19.51	-33.92	3.44
36	-58.88	44.06	16.77	-3.91	22.32	6.32	36.45	-10.03	-10.03	-1.50
37	-17.75	46.50	33.23	7.98	12.91	-2.51	53.31	-16.24	-16.24	-4.93
38	18.97	44.61	43.60	-13.90	-0.00	-12.27	60.10	-22.53	-22.53	-10.00
39	8.08	42.24	42.59	-13.45	-3.92	-17.71	64.40	-28.04	-28.04	-14.95
40	6.51	38.74	33.71	-4.96	-9.78	-21.59	58.35	-29.74	-29.74	-20.42
41	19.69	33.38	32.54	3.00	-13.87	-30.80	52.83	-13.84	-26.76	-26.32
42	39.95	30.68	29.67	3.39	-18.04	-38.01	45.44	9.82	-26.76	-31.15
43	43.11	27.20	18.95	1.00	-20.07	-44.03	37.48	1.30	-19.04	-37.01
44	39.86	23.30	7.79	-5.91	-22.42	-47.86	29.85	-6.79	-7.78	-41.97
45	34.69	17.47	-0.10	-7.75	-28.89	-50.84	20.62	-15.76	-7.90	-47.12
46	30.17	9.90	-9.38	-12.08	-28.49	-51.26	13.51	-24.66	8.00	-51.67
47	25.09	4.95	-13.72	-18.11	-31.47	-48.44	4.18	-31.45	7.70	-56.64
48	19.24	-3.71	-17.80	-23.55	-32.17	-45.03	-1.40	-40.19	-0.00	-61.09
49	11.44	-8.01	-17.67	-23.66	-32.36	-40.37	-6.44	-46.04	-8.03	-64.38
50	5.99	-16.23	-15.47	-21.81	-32.11	-19.02	-11.16	-51.08	-17.97	-65.81

RECORDS=241  
 DATE AND TIME=1968-05-16-19-39  
 COMPONENT=N-S  
 SIGNAL=GR,ACC,  
 SAMPLING INTERVAL= 0.0101(SEC)  
 CORRECTION=ARC,ERR,  
 FORMAT NO.=301

STATION=MURORAN-S  
 TOTAL NUMBER OF DATA= 8450

RECORD=S-241  
 DATE AND TIME=1968-05-16-19-39 COMPONENT=N-S SIGNAL=GR.ACC. CURRECTION=ARC.ERR. STATION=MURORAN=S  
 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8450

NO.	( 2200 )	( 2250 )	( 2000 )	( 2650 )	( 2700 )	( 2750 )	( 2800 )	( 2850 )	( 2900 )	( 2950 )
1	-62.63	-19.61	9.77	-22.59	6.51	13.78	3.21	4.72	-27.90	-1.70
2	-52.41	-19.96	18.56	-27.25	7.72	13.12	6.75	9.01	-22.05	-5.71
3	-62.81	-23.06	26.89	-31.33	9.51	5.83	11.52	-9.50	-18.37	-6.81
4	-1.99	-26.19	28.22	-34.25	10.11	-3.11	12.17	-9.71	-10.39	1.91
5	14.49	-28.98	29.29	-37.66	10.83	-6.76	14.29	-10.00	-9.87	10.03
6	27.55	-34.89	26.85	-43.75	17.62	-9.78	13.98	-10.12	-8.49	16.13
7	36.88	-38.33	25.18	-48.19	43.53	-13.86	13.46	-11.11	-8.13	19.67
8	44.10	-38.83	19.67	-51.51	51.13	-17.75	12.34	-11.50	-9.94	15.99
9	50.90	-32.67	15.95	-54.22	51.87	-18.40	10.71	-13.55	-11.91	15.47
10	52.59	-17.50	14.69	-53.77	45.96	-18.09	11.21	-9.82	-12.14	9.83
11	53.57	1.91	8.64	-46.88	38.20	-13.76	11.50	-5.76	-13.30	6.17
12	51.85	10.58	4.38	-40.58	36.54	-7.91	11.49	0.00	-13.32	2.00
13	46.90	14.07	-0.70	-11.55	25.10	-1.00	11.07	0.20	-13.71	-0.00
14	41.56	18.41	-2.74	3.05	19.28	0.00	9.84	1.10	-13.91	-0.70
15	36.85	25.35	-10.80	26.96	10.82	0.00	6.94	1.90	-14.26	-2.90
16	29.97	30.11	-14.74	40.84	4.00	1.70	1.60	2.80	-15.57	-4.91
17	26.64	39.14	-15.57	45.57	5.36	2.20	1.60	3.20	-17.13	-6.73
18	20.37	42.35	-14.94	49.35	6.78	2.70	-7.97	3.90	-20.52	-10.08
19	13.60	45.01	-13.70	51.03	14.82	3.10	-13.48	3.90	-20.76	-18.18
20	9.11	38.92	-15.79	50.87	17.41	3.50	-18.32	4.60	-21.42	-22.19
21	4.39	30.08	-16.11	48.81	18.76	3.92	-24.33	3.79	-20.53	-25.25
22	1.80	21.79	-20.40	45.38	15.50	11.35	-29.29	0.50	-19.91	-28.86
23	0.20	11.18	-27.90	35.66	9.92	16.24	-32.46	3.71	-17.63	-27.63
24	0.	3.38	-31.38	28.56	5.95	16.24	-34.68	-5.93	-14.44	-16.80
25	-0.00	-4.73	-38.28	21.16	-0.00	21.96	-34.95	-9.46	-15.35	-2.00
26	-1.50	-12.16	-44.05	14.81	-5.95	22.42	-30.63	-12.81	-14.36	1.90
27	-2.00	-20.52	-50.28	6.95	-12.09	21.27	-19.13	-16.12	-13.02	3.70
28	-4.31	-27.91	-56.59	2.19	-18.32	16.08	-8.91	-20.08	-3.18	4.70
29	-7.93	-34.41	-60.18	-2.91	-24.42	12.23	1.71	-22.42	-5.76	3.90
30	-9.93	-36.47	-7.72	-30.16	-24.42	6.95	9.99	-26.22	-16.15	3.30
31	-13.43	-38.90	-25.53	-35.01	-35.01	2.00	14.07	-28.08	-20.42	4.81
32	-16.11	-41.25	-49.71	-40.15	-40.15	-2.72	18.09	-27.12	-28.21	7.01
33	-19.96	-44.67	-60.40	-44.42	-44.42	-12.41	20.49	-21.08	-30.92	17.63
34	-23.16	-46.53	-67.07	-48.45	-48.45	-15.93	19.30	-18.85	-32.09	28.10
35	-27.51	-46.53	29.29	-50.46	-50.46	-20.07	17.91	0.00	-31.94	30.62
36	-32.14	-46.98	47.97	-53.06	-46.67	-22.23	13.92	0.60	-26.61	32.59
37	-33.70	-44.53	59.42	-53.06	-46.67	-24.87	11.76	5.96	-19.31	31.32
38	-22.48	-39.95	60.62	-54.69	-27.39	-23.33	3.98	13.13	-11.23	27.36
39	20.60	-35.84	57.96	-51.63	-14.26	-23.33	-0.90	13.19	-4.97	23.30
40	27.58	-35.21	52.82	-40.27	-11.19	-22.90	-7.58	22.91	0.70	17.87
41	27.69	-35.01	45.15	-47.18	-10.98	-22.05	-13.86	24.70	2.91	9.95
42	24.53	-36.50	32.43	-55.11	-10.21	-20.71	-17.75	24.82	6.99	7.59
43	14.15	-37.34	24.65	-65.63	-10.61	-11.77	-18.25	20.50	16.16	7.12
44	12.58	-21.59	13.71	-74.05	-11.11	-4.18	-15.85	14.91	24.44	9.34
45	1.00	24.16	13.52	-78.17	-11.25	1.70	-7.89	5.17	28.15	11.88
46	-2.93	25.40	1.99	-78.17	-9.36	7.70	0.	-0.70	28.21	10.68
47	-10.01	25.72	-3.92	-68.74	-7.01	7.69	-0.00	-8.01	26.00	9.83
48	-15.81	22.86	-10.00	-67.57	1.30	7.38	-0.30	-16.23	2.00	2.00
49	-17.99	13.82	-14.60	-66.62	7.98	5.49	-2.70	-22.14	9.90	0.40
50	-18.77	9.50	-18.96	13.51	13.51	3.60	-3.80	-26.36	5.36	-3.93

RECORD=S-241  
 DATE AND TIME=1968-05-16-19-39  
 COMPONENT=N-S  
 SIGNAL=SR.ACC.  
 SAMPLING INTERVAL= 0.030(SEC)  
 CURRECTION=ARC.ERR.  
 FORMAT NO.=3011  
 STATION=UORORAN-S  
 TOTAL NUMBER OF DATA= 8450

NO.	( 3000)	( 3050)	( 3100)	( 3150)	( 3200)	( 3250)	( 3300)	( 3350)	( 3400)	( 3450)
1	-12.08	9.06	14.69	25.46	-2.10	-9.20	10.83	-39.74	25.59	-11.31
2	-18.12	18.02	12.52	12.55	-1.90	0.50	-11.77	-42.51	27.48	-11.68
3	-24.28	22.47	15.13	18.19	2.40	1.50	14.02	-43.67	27.93	-11.08
4	-28.72	23.88	15.81	14.92	4.72	2.70	-16.75	-44.37	28.07	-10.30
5	-31.05	24.38	15.92	5.38	8.50	4.71	-17.57	-41.10	27.66	-10.31
6	-32.54	20.84	11.70	2.40	8.59	6.68	-18.39	-33.20	25.51	-10.72
7	-31.31	16.76	2.00	-0.10	7.87	4.99	-16.76	-24.51	19.54	-11.47
8	-24.56	12.79	-0.00	-1.40	6.00	2.40	-12.91	-6.52	14.23	-13.92
9	-21.35	6.93	-3.91	1.90	5.90	0.	-10.49	1.70	10.32	-14.41
10	-18.74	-0.00	-7.58	5.73	6.02	0.00	-9.89	7.08	7.08	-14.62
11	-15.42	-4.72	-5.95	9.95	8.15	0.50	-9.60	14.21	4.95	-12.91
12	-11.87	-9.18	1.10	11.09	11.41	1.40	-9.61	14.43	-4.01	-10.50
13	-7.68	-13.87	9.60	10.51	11.89	1.80	-10.22	15.46	-6.77	-6.31
14	1.91	-18.17	9.78	6.94	11.40	2.20	-11.13	24.05	-14.07	3.93
15	10.18	-21.88	8.49	1.00	7.92	1.00	-12.13	25.25	-17.89	11.71
16	13.91	-23.50	1.80	-1.90	2.00	-1.91	-9.83	26.36	-17.82	11.85
17	14.05	-22.56	-3.98	-7.98	1.00	-0.98	-6.37	27.21	-19.85	10.24
18	14.82	-14.78	-10.61	-13.87	-3.92	-1.02	-3.10	26.59	-24.28	7.36
19	7.94	-10.65	-16.70	-18.18	-8.97	-21.44	-3.90	25.72	-29.71	4.20
20	3.80	-7.93	-20.14	-22.02	-13.12	-23.73	-4.51	23.53	-35.81	3.20
21	2.30	-2.99	-23.09	-23.15	-16.61	-24.79	-5.91	19.53	-36.33	2.31
22	-1.70	0.00	-23.77	-23.44	-13.88	-24.67	-7.51	14.11	-36.36	14.15
23	-4.20	0.40	-23.48	-22.74	-13.27	-19.76	-8.41	11.83	-32.07	20.25
24	-4.30	0.10	-20.20	-19.88	-12.57	-6.96	-9.31	6.17	-20.81	26.52
25	-3.70	-0.90	-11.89	-12.13	-11.80	-3.19	-9.70	3.09	-9.42	30.00
26	-3.70	-3.91	-6.50	-9.80	-11.74	1.70	-9.70	-2.21	-5.10	28.26
27	-3.00	-7.98	-6.72	-4.97	-13.23	4.10	-9.90	-9.64	4.81	19.86
28	-2.70	-14.15	-9.71	0.50	-14.04	4.72	-9.81	-16.36	-7.32	18.34
29	-3.91	-19.96	-10.21	1.10	-17.23	8.49	-1.00	-17.75	-8.73	14.86
30	-6.73	-23.83	-10.53	3.60	-17.57	7.75	2.70	-24.38	-10.37	11.92
31	-4.97	-24.20	-7.77	4.10	-15.69	3.99	3.92	-28.07	-13.35	9.37
32	-13.74	-24.29	-5.50	5.10	-16.77	2.20	9.55	-30.02	-14.63	13.13
33	-20.97	-26.16	-5.72	5.50	-12.93	-0.70	11.91	-30.62	-15.05	13.99
34	-24.86	-25.63	-7.96	5.50	-10.90	-6.71	12.19	-31.22	-11.91	16.08
35	-27.39	-23.64	-12.64	5.10	-6.93	-7.91	11.83	-31.79	-8.99	15.69
36	-27.84	-20.24	-17.01	4.48	0.00	-8.71	9.28	-32.10	-8.29	13.65
37	-24.12	-12.20	-22.12	-0.70	0.70	-8.14	2.99	-31.24	-7.90	9.82
38	-17.63	-6.12	-26.61	-3.72	3.70	-5.95	0.10	-26.34	-7.90	1.50
39	-12.43	3.73	-32.53	-9.74	5.00	0.00	-7.00	-16.30	-7.99	-3.92
40	-10.39	13.79	-35.24	-12.04	4.50	3.11	-7.95	-4.95	-7.49	-9.97
41	-9.94	16.01	-36.37	-16.55	3.80	6.71	-11.83	3.72	-6.64	-18.50
42	-11.73	18.17	-31.41	-17.06	2.19	8.20	-16.11	9.89	0.00	-18.47
43	-14.89	21.76	-20.31	-17.81	-2.71	7.87	-19.76	9.93	4.72	-20.94
44	-18.14	22.27	-3.94	-23.65	-7.94	5.99	-21.83	11.10	8.39	-23.43
45	-21.47	21.90	15.87	-1.90	-10.96	4.99	-25.36	11.21	7.78	-25.00
46	-23.06	20.72	18.33	5.20	-13.29	3.00	-29.82	11.82	6.59	-29.23
47	-23.05	17.93	24.04	4.40	-12.96	1.00	-31.96	15.92	5.05	-30.95
48	-18.85	16.89	25.16	3.20	-11.89	-4.72	-35.20	20.06	-3.81	-34.99
49	-10.90	15.14	26.32	2.00	-11.57	-7.92	-36.92	23.95	-8.61	-32.37
50	-6.83	13.85	26.85	-0.90	-10.68	-9.71	-38.01	24.43	-9.34	-32.55

RECORDS=241	COMPONENT=N-S	SIGNAL=GR.ACC.	CORRECTION=ARC.ERR.	STATION=MURORAN=S				
DATE AND TIME=1968-05-16-19-39	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 8450					
NO.	( 3550 )	( 3650 )	( 3700 )	( 3750 )	( 3800 )	( 3850 )	( 3900 )	( 3950 )
1	-30.51	-4.72	6.97	3.00	4.95	3.89	1.90	-2.30
2	-22.56	-7.54	3.99	1.90	14.03	1.40	1.00	-3.30
3	-17.83	-11.73	1.90	1.50	16.94	1.90	-0.70	-4.50
4	-2.66	-12.70	6.70	1.50	15.84	-8.35	-4.71	-5.10
5	20.64	-11.63	-5.72	1.90	12.95	-12.01	-2.49	-5.30
6	28.94	-9.30	-8.00	2.20	13.60	-15.54	-8.74	-5.27
7	33.80	-5.96	-7.97	2.40	11.61	-18.14	-4.09	-0.40
8	33.59	0.10	-5.96	2.40	12.16	-18.70	-2.30	0.70
9	30.59	1.40	-3.00	1.90	13.96	-18.61	-2.20	3.71
10	24.00	1.40	1.90	1.20	15.40	-17.40	-18.79	6.51
11	16.53	3.71	5.72	-1.20	15.22	-15.80	-24.38	7.09
12	8.88	5.92	7.90	-4.11	11.57	-12.18	-6.72	5.98
13	2.00	3.91	7.93	-7.94	3.92	-8.93	-8.44	2.99
14	-0.90	6.61	9.99	-10.97	-9.57	-5.09	-11.07	0.00
15	-7.35	7.40	8.95	-13.82	-13.56	-2.51	-13.86	-8.71
16	-11.32	7.38	5.99	-16.82	-20.25	-4.10	-25.84	-7.92
17	-12.10	6.08	4.99	-18.78	-24.25	-4.10	-32.91	-9.55
18	-12.09	3.99	2.20	-19.68	-27.41	-4.39	-40.49	-17.70
19	-11.91	1.90	-0.00	-18.90	-31.42	-2.50	-51.20	-16.83
20	-12.12	-0.70	16.70	-18.90	-31.18	-2.50	-61.20	-19.12
21	-12.71	-1.90	16.54	-16.70	-31.18	-1.20	-71.20	-21.90
22	-13.13	-1.90	11.69	-11.68	-30.94	0.30	-81.20	-23.90
23	-13.78	0.50	7.98	-7.93	-30.94	4.71	-91.20	-26.02
24	-13.55	3.00	6.98	-2.98	-30.94	6.30	-101.20	-26.70
25	-11.91	3.00	3.99	5.96	-28.66	6.28	-111.20	-26.70
26	-8.94	2.00	2.00	15.14	-25.56	3.90	-121.20	-26.37
27	-5.70	0.70	0.30	14.10	-21.56	3.86	-131.20	-24.32
28	-2.30	-7.78	-6.93	14.01	-14.68	-8.13	-141.20	-22.65
29	-4.70	-16.95	-10.43	11.87	-7.91	-10.12	-151.20	-18.29
30	-5.53	-20.00	-16.17	7.65	-1.40	-1.17	-161.20	-9.04
31	-9.95	-23.28	-21.00	3.39	0.20	-13.85	-171.20	0.00
32	-12.34	-23.90	-24.41	-0.10	1.90	-17.30	-181.20	2.60
33	-13.42	-23.83	-28.66	-5.73	-4.91	-17.21	-191.20	5.73
34	-13.91	-22.93	-32.58	-9.76	-7.72	-15.64	-201.20	9.71
35	-14.11	-19.51	-32.73	-12.84	-10.90	-10.90	-211.20	10.30
36	-12.16	-13.76	-30.08	-16.88	-9.40	-7.13	-221.20	10.30
37	-10.95	-8.14	-22.19	-18.89	-6.48	-1.00	-231.20	9.16
38	-9.13	-3.99	-14.99	-22.01	-6.95	1.20	-241.20	7.18
39	-4.88	0.00	-6.97	-22.10	-1.80	5.72	-251.20	5.29
40	-1.10	1.90	-3.80	-22.10	0.00	9.00	-261.20	4.00
41	-1.10	3.91	-3.80	-22.03	1.20	9.20	-271.20	3.90
42	-2.00	5.92	-2.50	-21.27	1.20	9.20	-281.20	3.90
43	-5.71	8.71	0.00	-20.10	3.71	9.18	-291.20	3.90
44	-7.50	9.50	1.50	-20.18	7.76	7.86	-301.20	3.90
45	-7.50	9.50	5.73	-21.09	12.25	4.99	-311.20	3.90
46	-7.50	9.36	1.30	-22.14	13.91	3.90	-321.20	3.90
47	-7.30	6.98	3.21	-23.27	14.20	3.60	-331.20	1.60
48	-7.30	4.98	5.92	-22.46	14.10	3.40	-341.20	1.60
49	-7.30	2.00	8.60	-17.28	11.79	3.40	-351.20	1.40
50	-7.71	8.57	5.09	-6.88	8.24	2.60	-361.20	0.40

RECORD=241 COMPONENT=N=S SIGNAL=GR.ACU. CURSECTION=ARC.ERR. STATION=NURORAN=S  
 DATE AND TIME=1968-05-16-19-39 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8450

NO.	( 4000 )	( 4050 )	( 4100 )	( 4150 )	( 4200 )	( 4250 )	( 4300 )	( 4350 )	( 4400 )	( 4450 )
1	-10.08	-19.07	-12.13	7.98	-14.52	5.09	-13.23	3.40	-3.10	-0.00
2	-18.63	-18.63	-9.96	6.29	-15.00	3.70	-14.03	2.00	-3.90	-0.70
3	-17.54	-17.63	-7.96	5.59	-14.96	2.10	-14.68	0.20	-3.50	-1.90
4	-16.25	-16.45	-5.09	4.70	-14.13	0.20	-14.14	-3.70	-3.20	-1.40
5	-20.05	-12.24	-5.10	4.10	-12.45	-13.98	-12.77	-4.20	-3.20	0.00
6	-21.75	-10.40	-3.20	3.60	-10.93	-13.91	-11.78	-4.70	-3.50	3.72
7	-23.10	-6.16	-3.20	3.20	-8.29	-18.04	-11.05	-5.69	-3.60	11.74
8	-22.87	-1.70	-1.70	2.00	-1.00	-11.59	-8.84	-3.99	-3.80	18.13
9	-20.24	-1.70	-1.20	-0.00	0.00	-16.10	0.20	0.00	-4.60	14.82
10	-12.26	-1.00	0.00	-2.40	2.00	-5.02	2.22	1.30	-5.71	13.36
11	-8.01	-0.50	1.20	-4.51	2.00	-33.99	11.52	3.90	-7.21	7.35
12	-1.90	0.00	1.90	-7.72	1.60	-19.65	12.85	4.70	-7.73	3.00
13	1.90	0.20	5.00	-0.00	0.00	-11.85	13.95	5.40	-9.71	1.80
14	2.21	1.30	6.00	-12.59	-4.51	-6.17	15.20	4.60	-10.11	3.91
15	9.96	2.00	6.00	-15.33	-7.31	-2.40	15.24	3.99	-10.53	-3.91
16	12.64	3.91	2.50	-15.87	-8.60	-2.40	13.72	0.50	-11.61	-6.72
17	14.05	7.33	1.90	-16.54	-8.40	1.80	6.95	-2.50	-11.69	-8.72
18	17.32	11.97	-4.00	-12.04	-7.19	3.90	2.10	-5.93	-7.95	-10.12
19	16.09	14.45	-4.00	-9.46	-5.90	5.12	0.70	-9.73	-4.20	-11.45
20	16.07	17.80	-4.00	-5.91	-7.91	9.02	-9.84	-11.45	-3.20	-12.92
21	8.95	17.30	-3.60	-7.38	-6.61	10.20	-11.77	-16.78	-3.51	-13.61
22	5.90	17.21	-2.10	-5.58	-7.93	10.18	-13.90	-18.17	-3.73	-13.95
23	5.40	15.85	-1.90	-2.10	-10.29	9.44	-13.93	-19.10	-9.52	-14.73
24	5.40	14.95	-1.60	-0.40	-13.11	6.59	-12.09	-18.86	-10.53	-15.33
25	5.91	13.50	-2.00	0.50	-16.75	5.20	-11.89	-11.75	-11.48	-16.74
26	6.70	13.69	-3.00	1.70	-17.50	4.49	-11.71	-10.01	-11.88	-17.16
27	6.68	15.97	-4.21	1.90	-17.24	2.10	-11.91	-5.99	-10.92	-14.83
28	5.09	17.11	-8.03	2.20	-13.63	1.60	-12.31	-4.70	-2.60	-11.36
29	5.39	17.15	-10.58	2.20	-14.44	1.60	-12.68	-4.70	-2.60	-9.92
30	-0.00	16.37	-14.19	2.00	-9.96	1.60	-12.19	-5.10	-2.20	-5.98
31	-0.33	15.83	-20.85	2.00	-0.20	-0.00	-11.81	-5.60	-3.70	-3.40
32	-9.80	14.26	-25.03	2.00	0.20	-2.10	-8.98	-5.60	-3.30	-2.00
33	-14.75	9.04	-30.41	2.60	2.70	-3.90	-7.81	-5.59	-3.69	-1.00
34	-20.10	5.88	-33.74	3.80	5.00	-4.80	-7.81	-4.29	-0.60	0.30
35	-22.43	3.10	-35.53	5.11	5.52	-4.99	-8.32	-4.29	0.00	0.30
36	-24.51	1.20	-36.79	6.30	7.93	-3.99	-9.72	-4.29	2.40	1.20
37	-25.72	-0.40	-36.74	6.30	10.00	-2.00	-10.75	-3.00	3.10	1.10
38	-24.26	-1.90	-32.97	6.29	10.22	-1.40	-12.73	-1.90	3.60	-0.00
39	-21.61	-2.70	-21.17	4.79	11.60	-0.80	-13.36	-1.10	3.00	-1.70
40	-18.92	-3.50	-4.92	3.40	11.60	0.00	-9.74	-1.30	1.90	-3.70
41	-18.01	-4.21	9.94	1.90	13.28	1.60	-6.90	-1.00	0.50	-4.30
42	-18.14	-5.92	21.27	-0.00	10.69	3.10	-3.12	-0.50	-1.70	-3.90
43	-18.77	-8.52	24.70	-1.20	10.38	3.10	11.31	0.00	-1.90	-2.40
44	-19.65	-10.20	24.62	-3.10	9.18	3.80	11.71	0.00	-0.80	-1.20
45	-20.23	-14.84	23.86	-5.50	9.18	3.00	12.00	2.10	0.00	-1.00
46	-20.50	-17.70	21.67	-6.22	8.29	1.89	11.94	2.60	0.40	-0.70
47	-20.47	-17.67	17.57	-8.72	7.50	-5.22	9.94	2.20	0.70	-1.70
48	-20.10	-17.08	14.18	-10.05	7.58	-8.23	7.19	-0.00	1.20	-3.70
49	-19.01	-13.64	11.50	-12.27	6.19	-10.37	5.98	-2.10	1.40	-4.71

NO.	( 4500 )	( 4550 )	( 4600 )	( 4650 )	( 4700 )	( 4750 )	( 4800 )	( 4850 )	( 4900 )	( 4950 )
1	-5.91	79.50	78.29	0.30	4.60	-2.60	2.00	7.21	0.50	1.60
2	-6.70	79.73	-7.88	0.70	3.99	-7.80	0.70	7.70	-0.00	-0.50
3	-11.13	-7.20	-6.68	0.20	2.00	-2.40	-1.80	8.01	-0.70	-3.20
4	-7.80	-12.22	-4.39	0.00	0.00	-1.60	-2.70	8.89	-1.70	-3.90
5	-7.40	-12.74	-1.80	8.71	-3.30	-1.40	-3.60	7.89	-4.72	-4.50
6	-7.40	-13.81	-0.40	5.71	-3.60	-0.40	-3.69	7.29	-7.94	-5.30
7	-7.50	-14.01	0.00	-6.60	-3.19	-0.10	-1.70	6.66	-10.73	-5.90
8	-7.78	-11.94	0.30	-6.80	0.00	0.1	0.00	2.89	-12.25	-5.37
9	-6.08	79.99	1.30	-7.10	1.50	0.1	1.30	-0.80	-16.99	-1.00
10	-4.20	79.38	1.50	-7.09	2.00	0.00	1.30	-2.90	-18.47	0.70
11	-3.59	78.40	1.80	-5.79	1.00	-0.50	5.50	5.10	-20.81	2.10
12	0.00	78.31	1.60	-4.40	-0.00	1.20	6.19	4.80	-22.05	7.30
13	3.30	79.11	2.10	-3.79	-0.70	-2.60	5.39	4.50	-23.39	7.60
14	5.80	79.41	3.70	-1.90	-1.10	-3.70	3.20	3.40	-24.14	7.90
15	3.90	78.92	5.10	-0.70	0.00	-4.71	1.00	3.10	-26.15	7.80
16	3.00	-10.90	5.91	0.00	0.70	-6.72	0.70	2.80	-22.34	7.45
17	1.00	-10.97	6.60	0.50	1.20	-8.32	-0.60	3.40	-20.89	3.00
18	-5.72	79.86	6.30	1.10	1.20	-9.61	-3.10	3.90	-12.13	1.00
19	-7.93	79.97	5.90	-2.70	-2.70	-10.31	-4.31	4.40	-9.97	-0.00
20	-10.36	78.97	5.59	-4.51	-4.71	-10.59	-5.70	4.30	-8.39	0.60
21	-16.01	78.00	4.10	5.70	-5.91	-9.95	-6.31	4.10	-7.60	1.20
22	-13.96	78.00	3.40	6.00	-7.50	-7.36	-7.40	4.50	-7.93	1.90
23	-16.98	1.70	2.00	6.00	-7.90	-3.99	-9.96	5.10	-7.08	-2.30
24	-16.55	4.71	0.40	5.90	-7.89	-0.60	-12.74	5.40	-5.59	-2.70
25	-15.71	7.73	-0.30	5.90	-7.50	0.00	-13.93	5.70	-3.80	3.10
26	-15.93	10.42	-4.60	5.90	-7.50	3.30	-14.71	5.30	-3.10	4.31
27	-12.13	11.41	-5.50	5.90	-7.91	2.30	-14.91	4.60	-1.40	-5.73
28	-9.96	11.61	-5.90	5.79	-8.31	2.40	-13.16	4.80	-0.40	-10.32
29	-7.93	11.80	-6.10	4.50	-8.70	2.60	-11.97	5.20	0.00	11.12
30	-2.99	11.89	-5.57	3.69	-8.98	2.60	-10.97	5.40	0.70	11.90
31	0.00	11.51	-0.40	1.80	-7.97	2.40	-9.96	5.69	1.70	-11.85
32	1.70	11.71	0.00	1.70	-5.77	2.10	-7.97	4.19	2.40	-11.78
33	2.20	11.90	0.20	1.90	-1.80	1.90	-5.99	1.40	3.00	-10.97
34	2.70	12.01	0.1	2.10	-1.20	1.10	-4.39	1.40	2.70	-9.76
35	2.40	12.31	-0.00	2.50	-1.00	0.50	-1.00	6.71	2.60	-8.99
36	2.20	12.46	-1.30	2.40	-0.70	-0.00	0.00	7.60	2.40	-8.29
37	2.20	11.86	-3.31	1.50	-1.10	-1.50	1.90	7.90	2.10	-7.79
38	2.60	9.92	-5.91	0.70	-1.30	-2.40	2.50	7.89	1.90	-6.70
39	3.20	6.88	-6.71	-0.70	-1.70	-5.30	3.60	7.39	1.60	-6.17
40	4.10	4.39	-7.71	-0.70	-2.50	-5.91	3.90	6.60	1.90	-5.17
41	3.90	2.00	-8.60	-0.20	-5.31	-6.61	3.60	6.40	1.90	-2.00
42	3.00	0.50	-8.60	0.1	-7.32	-7.70	3.10	6.70	3.70	0.00
43	1.40	1.90	-8.49	0.00	-9.12	-8.00	2.00	6.69	4.60	4.30
44	-1.90	4.71	-7.79	0.50	-10.54	-8.07	1.20	5.99	5.50	4.29
45	-5.91	6.30	-6.99	1.10	-12.11	-5.96	0.00	4.99	5.99	2.40
46	-7.92	6.71	-5.99	1.60	-12.26	-1.20	0.90	3.20	5.20	-0.00
47	-9.51	7.71	-4.99	2.30	-10.87	0.30	2.30	2.40	4.50	-0.90
48	-9.79	8.61	-3.99	3.60	-5.98	1.40	4.91	1.80	4.40	-4.60
49	-9.50	9.00	-1.20	3.90	-3.99	2.20	6.70	1.30	3.40	-5.70
50	-9.50	8.79	0.00	4.40	-2.40	3.10	6.70	1.00	2.00	-6.10

RECORD#S=241  
DATE AND TIME=1968-05-16-19-39  
COMPONENT=N-S  
SIGNAL#R,ACU  
CORRECTION#ARC,ERR,  
FORMAT NO.#301  
TOTAL NUMBER OF DATA# 8450

STATION#MUROKAWA  
TOTAL NUMBER OF DATA# 8450

RECORDS=241  
DATE AND TIME=1968-05-16-19-39  
COMPONENT=N-S  
SIGNAL=GR.ACC.  
CURRENTION=ARC.ERR.  
TOTAL NUMBER OF DATA= 8450  
STATION=MURORAN-S  
TOTAL NUMBER OF DATA= 8450

SAMPLING INTERVAL= 0.050(SEC)  
FORMAT NO.=301

NO.	( 5000)	( 5050)	( 5100)	( 5150)	( 5200)	( 5250)	( 5300)	( 5350)	( 5400)	( 5450)
1	-0.10	0.10	-2.90	-8.71	0.00	-6.91	0.10	-0.40	-1.30	4.60
2	-2.90	0.60	-6.10	-9.81	1.30	-7.91	0.10	0.00	-0.50	4.29
3	-5.90	1.70	-8.10	-9.89	3.90	-8.72	-0.00	0.50	0.30	3.00
4	-5.20	2.10	-7.50	-9.59	5.00	-9.70	-0.10	1.30	0.40	1.90
5	-5.00	2.70	-4.80	-9.04	5.59	-9.90	-0.50	1.90	1.90	-4.41
6	-4.60	3.00	-4.49	-9.89	4.40	-9.78	-1.20	2.40	2.30	-4.51
7	-5.20	2.60	-3.00	-4.60	3.80	-8.93	-1.90	2.60	2.00	-6.72
8	-5.71	1.80	-2.40	-3.30	3.60	-4.98	-2.10	2.50	1.80	-8.54
9	-7.72	-0.00	-2.00	-3.20	3.90	-1.00	-1.90	2.00	1.20	-10.93
10	-8.91	-2.70	-2.60	-3.30	2.40	0.00	-1.10	1.60	0.80	-12.17
11	-9.40	-4.50	-2.60	-3.60	2.20	0.00	-0.40	-0.00	0.30	-14.32
12	-9.57	-4.70	-3.10	-4.10	2.00	2.60	-0.10	-1.70	0.30	-14.66
13	-7.96	-3.99	-3.60	-4.70	1.40	3.20	0.	-2.70	-0.10	-11.77
14	-5.39	-2.40	-3.70	-5.20	0.60	2.40	0.00	-3.91	0.	-10.61
15	-6.99	-0.20	-3.00	-5.60	-0.00	1.80	0.20	-7.70	0.00	-6.98
16	-1.80	0.	-2.00	-5.90	-1.60	0.40	0.30	-7.91	0.40	-4.99
17	-1.20	0.	-0.40	-6.10	-3.00	0.	0.30	-8.70	0.60	-3.60
18	0.00	-0.00	0.00	-6.20	-3.40	-0.00	0.30	-8.79	1.00	-3.10
19	0.70	-0.20	0.50	-6.39	-3.80	-0.20	0.50	-8.07	1.00	-2.20
20	1.60	-0.50	1.90	-5.09	-3.00	-0.70	0.30	-5.96	0.50	-3.30
21	3.90	-1.00	3.91	-8.30	-2.10	-1.70	-0.00	-1.40	-0.00	-3.90
22	2.00	0.30	7.92	-1.90	-1.50	-2.50	-0.10	0.50	-0.60	-3.00
23	4.60	1.30	9.61	-0.70	-1.70	-3.50	-0.30	1.70	-1.70	-1.70
24	3.79	2.50	9.90	0.00	-2.30	-3.90	-0.90	1.90	-2.70	-1.30
25	1.00	2.80	10.11	0.10	-2.70	-3.30	-2.40	2.40	-3.71	-0.70
26	-3.91	2.00	10.61	1.20	-2.40	-3.69	-4.10	2.70	-6.31	-0.40
27	-6.72	1.60	11.00	2.00	-1.60	-4.31	-6.31	2.40	-7.51	-0.20
28	-9.94	0.80	11.09	3.91	0.30	-0.80	-8.11	2.10	-9.15	0.
29	-9.94	-0.00	10.55	6.71	1.50	-0.40	-6.28	2.00	-9.15	0.
30	-11.92	0.10	8.54	7.81	3.80	0.	-4.30	1.80	-11.92	0.
31	-12.50	0.70	4.49	8.80	4.80	-0.00	-3.90	0.40	-12.75	0.
32	-12.39	2.70	2.99	8.60	4.80	-0.10	-3.60	-0.50	-13.98	0.
33	-12.02	4.71	-0.10	8.29	4.20	-0.10	-3.40	-2.70	-13.45	-0.00
34	-9.37	6.30	-0.91	7.78	3.69	-3.70	-3.70	-3.00	-12.19	0.40
35	-7.99	6.80	-6.10	5.99	0.40	-2.71	-4.31	-4.50	-11.87	-0.80
36	-7.51	7.19	-6.50	3.99	-0.00	-6.71	-5.70	-5.30	-10.97	-1.80
37	-8.11	6.39	-6.40	2.20	-1.50	-7.92	-6.10	-5.70	-9.86	-3.40
38	-8.51	5.79	-6.71	0.50	-1.20	-9.74	-6.08	-6.50	-8.19	-5.00
39	-9.31	3.99	-7.50	-0.30	-1.20	-11.22	-4.00	-6.50	-7.39	-5.00
40	-9.91	2.00	-7.91	-3.90	-0.50	-12.12	-3.79	-6.90	-6.79	-5.80
41	-10.17	-1.70	-6.51	-5.40	-0.10	-12.68	-1.00	-7.19	-5.79	-5.79
42	-8.98	-3.91	-9.21	-6.11	-0.00	-15.18	0.00	-6.69	-6.27	-5.00
43	-7.78	-5.71	-9.71	-7.01	-0.70	-13.46	0.20	-6.00	-1.70	-4.10
44	-5.98	-7.50	-10.41	-7.71	-1.50	-9.98	0.60	-5.40	-0.40	-3.00
45	-4.00	-7.91	-10.68	-8.21	-1.70	-8.97	0.20	-4.80	0.00	-1.50
46	-3.00	-8.58	-9.88	-8.71	-1.90	-7.37	-0.30	-3.80	2.50	-0.40
47	-1.80	-7.39	-9.98	-9.41	-2.70	-4.98	-0.30	-3.00	3.40	0.00
48	-1.40	-6.59	-7.90	-9.91	-3.70	-4.50	-0.70	-2.40	3.90	0.80
49	-0.40	-5.80	-7.91	-10.06	-4.31	0.	-1.10	-2.20	4.20	0.80
50	0.00	-5.70	-8.40	-3.99	-5.71	0.00	-0.70	-1.90	4.60	1.10

RECORD=244  
 DATE AND TIME=1968-05-15-19-39  
 COMPONENT=N+S  
 SIGNAL=GR.ACC.  
 CORRECTION=ARC.ERR.  
 SAMPLING INTERVAL=0.050(SEC)  
 FORMAT NO.=304

STATION=HURDRAH+S  
 TOTAL NUMBER OF DATA=8480

NO.	( 5550 )	( 5600 )	( 5700 )	( 5800 )	( 5850 )	( 5900 )	( 5950 )
1	1.70	2.80	0.20	-4.10	0.49	4.00	-5.90
2	2.10	1.50	0.00	3.90	5.79	3.90	-5.90
3	3.90	0.10	-0.00	-3.20	4.10	3.20	-4.20
4	4.70	0.10	-1.00	1.00	3.00	1.90	-5.60
5	4.70	0.60	-3.70	0.00	1.40	0.00	-5.40
6	4.20	1.20	-4.10	3.00	1.00	-0.00	-5.00
7	3.60	1.20	-4.40	3.90	-1.00	-0.10	-4.20
8	2.20	4.40	-4.40	3.90	-1.00	-0.10	-3.50
9	1.50	0.40	-4.50	3.50	-0.60	0.70	-3.80
10	0.40	3.00	-3.20	2.40	-0.40	1.50	-1.20
11	0.00	1.60	-0.40	1.80	2.60	3.80	0.00
12	0.00	0.00	0.00	1.20	3.30	0.00	0.00
13	0.80	7.71	0.00	1.20	3.30	0.00	0.00
14	1.70	8.61	0.50	0.70	5.30	3.90	0.40
15	1.70	9.30	0.50	0.50	5.60	3.80	0.00
16	1.90	9.28	0.00	0.50	4.99	2.50	0.00
17	1.90	8.27	0.00	0.50	4.00	2.40	0.00
18	1.60	6.47	0.40	0.50	3.40	2.00	0.00
19	0.00	2.70	-1.70	0.50	1.80	2.60	2.40
20	-0.80	0.20	-2.70	0.30	-0.00	3.70	2.40
21	-1.90	1.90	-3.80	0.10	-0.50	4.71	2.40
22	-2.20	3.70	-3.80	0.00	-2.10	6.61	2.40
23	-2.20	4.71	-3.80	-0.00	-3.30	7.60	2.00
24	-1.90	5.80	-6.20	-0.20	-3.70	7.90	1.60
25	-1.50	5.70	-2.50	1.30	-4.71	7.88	1.00
26	-0.80	5.70	-2.00	1.90	-5.90	6.37	1.90
27	-0.80	5.39	-2.00	2.50	-6.40	6.40	2.10
28	-1.10	4.20	-2.00	3.60	-6.50	6.50	2.10
29	-1.30	3.90	-2.00	3.90	-6.50	6.50	2.10
30	-1.30	3.00	-2.00	3.90	-6.50	6.50	2.10
31	-1.50	2.00	-2.00	3.90	-6.50	6.50	2.20
32	-0.80	0.40	-2.00	3.90	-6.49	6.49	2.40
33	-0.40	-0.10	-2.00	3.90	-5.90	6.49	2.40
34	0.00	-0.40	-2.20	3.90	-5.70	6.49	2.40
35	0.50	0.40	-2.20	3.60	-5.60	6.49	2.40
36	1.00	0.00	-2.20	3.60	-5.60	6.49	2.40
37	1.40	0.60	-2.20	3.60	-5.60	6.49	2.40
38	2.50	1.60	-2.20	3.60	-5.49	6.49	2.40
39	2.80	2.00	-2.20	3.60	-5.30	6.49	2.40
40	3.60	2.00	-2.20	3.60	-5.30	6.49	2.40
41	4.10	1.60	-2.20	3.60	-5.30	6.49	2.40
42	4.40	1.00	-2.40	3.60	-5.10	6.49	2.40
43	4.60	0.10	-2.50	3.60	-5.10	6.49	2.40
44	5.00	0.00	-2.70	3.60	-5.10	6.49	2.40
45	5.20	0.00	-3.20	3.60	-5.10	6.49	2.40
46	5.20	0.00	-3.90	3.60	-5.10	6.49	2.40
47	5.20	0.20	-5.00	3.60	-5.10	6.49	2.40
48	4.60	0.20	-5.90	3.60	-5.10	6.49	2.40
49	4.20	0.20	-6.20	3.60	-5.10	6.49	2.40
50	3.80	0.20	-6.40	3.60	-5.10	6.49	2.40
			-6.50	4.60	-5.70	-2.60	

RECORDS=241      COMPONENTS=W      SIGNAL=RR,ACC.      CORRECTION=ARCERR.      STATION=MURORAN-S  
 DATE AND TIME=1968-05-16-19-39      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA= 8550

NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	-0.00	0.	0.70	6.40	1.80	0.50	0.30	1.70	-0.00	5.10
2	-0.60	0.00	1.40	6.40	2.50	1.70	-0.00	2.60	-1.40	5.10
3	-1.10	0.50	1.80	6.40	3.10	2.90	+0.90	3.10	-2.30	4.99
4	-1.70	0.90	2.20	6.40	3.50	3.70	-1.80	3.10	-3.00	4.00
5	-1.00	1.90	2.60	6.40	3.90	3.70	-1.80	3.00	-2.40	3.80
6	-0.40	2.90	2.90	5.99	4.50	2.10	-1.80	1.80	-1.00	3.30
7	0.20	4.90	2.90	5.20	5.20	0.80	-1.80	0.40	0.00	2.40
8	0.80	5.70	2.90	4.40	5.90	-1.70	-1.10	-0.00	1.80	1.80
9	1.50	5.40	2.90	3.80	6.20	-3.40	0.00	0.10	2.10	0.60
10	1.20	4.99	2.80	3.00	6.20	-2.80	0.90	-0.10	1.00	0.20
11	-0.30	3.99	2.00	2.00	5.80	-2.80	0.90	-0.10	0.10	0.20
12	-0.90	2.50	1.10	0.80	5.60	-1.80	0.80	-0.10	-0.30	0.80
13	-1.40	1.30	-0.40	-0.00	4.99	-0.50	0.50	-0.10	-0.30	2.10
14	-1.50	-0.00	-2.50	-0.60	4.00	0.00	0.50	0.00	0.30	2.60
15	-1.50	-0.60	-4.71	-1.10	3.00	0.70	1.00	0.40	1.70	3.20
16	-1.40	+0.20	-3.80	-1.10	0.80	1.70	1.80	0.40	3.91	3.70
17	-1.40	1.30	-5.79	-1.10	0.50	2.50	1.90	0.50	8.71	4.50
18	-0.80	2.10	-2.10	-1.10	0.70	2.50	2.30	0.70	7.90	4.90
19	-0.40	2.50	-4.50	-1.10	1.70	2.50	2.90	-1.70	7.78	4.90
20	-0.10	2.50	-3.40	-1.10	2.70	1.40	2.90	-2.30	5.99	4.90
21	0.	2.50	-2.40	-1.10	2.80	-0.10	2.80	-2.00	4.99	4.20
22	0.00	2.10	-1.50	0.	1.40	-2.91	2.40	-0.80	4.00	3.50
23	0.10	1.80	-0.10	0.	-0.00	-6.10	2.30	-0.20	3.00	2.40
24	0.80	1.40	0.00	0.00	-0.40	-6.00	2.20	-0.30	2.20	1.00
25	1.90	0.80	0.70	0.40	-1.10	-5.70	1.00	-0.70	1.90	0.00
26	2.60	+0.00	1.50	0.60	-1.10	-5.70	0.	-0.70	2.00	-1.90
27	3.70	+0.30	2.10	0.90	0.30	-5.20	0.	1.00	1.60	-2.40
28	4.00	-1.70	2.70	1.80	1.70	-4.50	0.	0.90	0.40	-1.00
29	4.00	-3.30	3.30	2.10	2.40	-3.70	0.	0.70	-0.30	-1.00
30	4.00	-4.50	3.90	2.90	0.80	-3.70	0.	1.70	-0.70	-0.30
31	4.00	-4.50	4.40	3.90	0.80	-3.00	-0.00	1.90	-1.30	0.
32	4.00	-3.60	4.80	4.20	0.80	-2.60	+0.10	2.50	-1.70	0.00
33	3.80	-2.00	3.20	4.50	0.80	-2.00	-1.30	3.20	-2.20	0.20
34	3.70	-1.00	3.20	4.60	1.10	-1.60	-1.90	3.50	-2.30	0.90
35	3.20	0.00	3.20	4.90	1.40	-0.40	-2.90	3.50	-2.50	2.00
36	2.40	0.50	2.10	4.90	1.40	-0.40	-3.00	2.80	-2.70	2.60
37	1.80	1.30	4.70	3.80	1.60	0.00	-3.00	2.00	-3.50	2.60
38	0.80	1.90	4.50	3.00	1.60	0.10	-2.00	0.50	-3.90	1.80
39	0.50	2.40	4.10	2.00	0.80	0.80	-0.40	-0.10	-4.10	0.50
40	0.50	2.50	4.10	-0.00	-0.00	1.10	0.00	-0.60	-4.40	-0.30
41	0.90	2.40	4.10	-0.30	-0.90	1.10	0.60	-0.80	-3.79	-2.10
42	1.90	1.20	4.10	-1.00	-1.90	1.10	1.00	-0.80	-2.00	-1.10
43	1.80	-0.00	4.65	-1.00	-2.70	1.80	1.00	0.00	-2.00	-0.40
44	0.60	0.70	3.20	-1.00	-2.70	1.80	1.00	0.50	-0.40	0.00
45	-0.40	-2.70	3.50	-0.65	-1.70	1.80	0.80	1.10	0.90	0.50
46	-1.20	-3.40	3.50	-0.80	-1.50	1.80	0.80	1.20	1.70	1.50
47	-1.90	-2.80	3.80	0.00	-0.90	1.60	0.60	1.20	2.60	0.20
48	-2.30	-1.00	6.00	0.20	-0.90	1.60	0.00	1.60	3.00	-0.00
49	-2.00	-0.10	6.40	0.70	-0.10	1.60	0.00	1.60	3.00	-0.50
50	-1.00	0.00	6.40	1.30	0.00	1.10	0.20	1.00	3.70	-0.50

RECORDS=241  
 DATE AND TIME=1968-05-19-39 COMPONENTS=H SIGNAL=GR,ACC. CURVECTION=ARC,ERR, STATION=HURORAN\*S  
 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8550

NO.	( 200)	( 350)	( 500)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	-0.50	2.80	-2.18	2.10	-1.80	8.29	-1.80	5.61	0.00	0.50
2	-0.10	2.00	-2.40	2.90	-0.30	7.76	-1.80	7.71	0.90	0.40
3	0.00	1.20	0.30	3.70	0.00	4.58	-1.80	8.81	2.20	0.40
4	0.60	1.40	0.60	4.40	1.80	-0.00	-1.80	9.67	4.41	0.20
5	0.90	0.00	3.30	4.60	2.90	-2.20	-1.40	10.49	6.92	-0.00
6	1.30	-0.20	4.30	4.60	3.90	-3.70	-1.40	8.87	8.70	-0.40
7	1.70	-0.70	4.150	4.60	5.41	-4.71	-1.10	8.59	8.98	-0.20
8	1.50	1.20	4.40	4.60	6.72	-6.50	-0.70	7.78	7.96	0.00
9	1.50	1.50	4.40	4.60	9.01	-6.86	0.	5.99	5.39	1.60
10	1.60	3.90	3.50	4.10	9.50	-2.00	0.00	4.69	4.20	2.25
11	1.80	4.50	2.80	4.10	9.60	2.50	0.15	2.10	3.80	2.90
12	1.90	5.00	2.50	4.10	9.59	2.90	0.30	0.60	2.40	3.10
13	1.90	5.10	3.10	3.90	9.19	3.20	0.60	-0.90	1.30	2.60
14	1.60	4.50	4.60	3.70	8.36	3.80	0.50	-2.70	2.20	2.20
15	1.60	4.50	3.60	3.40	5.99	3.00	0.50	-3.50	-0.10	1.60
16	1.10	4.00	2.30	2.20	4.89	2.20	0.50	-3.80	-2.50	1.20
17	0.40	3.00	2.70	1.70	3.00	1.80	0.30	-3.50	-3.30	0.80
18	-0.80	-1.00	0.10	0.80	2.10	1.40	0.	-2.40	-3.40	0.40
19	-2.90	0.10	6.40	-0.00	1.00	1.00	0.	-0.70	-3.40	0.20
20	-3.90	0.00	6.40	-0.50	-0.15	0.40	0.	0.00	-2.60	0.20
21	-5.10	1.70	6.70	-1.30	-1.30	-0.40	0.	0.30	-2.20	0.60
22	-5.70	3.20	6.40	-2.70	-1.90	-0.90	0.	0.30	-2.20	0.60
23	-5.70	3.20	6.40	-2.70	-1.90	-0.90	0.	0.30	-1.60	1.30
24	-5.10	3.70	5.20	-4.10	-1.10	-0.80	0.	0.00	-1.50	2.40
25	-4.98	3.90	4.10	-4.40	-0.40	-0.60	0.	-0.50	-1.70	3.30
26	-2.00	3.90	3.50	-4.80	0.00	-0.40	0.	-0.50	-1.70	4.50
27	0.00	4.10	3.20	-4.80	1.10	-0.40	0.00	-0.90	-0.40	5.61
28	1.70	4.10	1.40	-4.70	1.40	-0.40	0.70	-1.40	1.40	6.52
29	3.91	4.10	1.70	-4.70	2.20	-0.40	1.60	-1.70	2.60	8.44
30	5.91	4.40	0.50	-4.30	2.10	-0.50	1.70	-1.60	2.60	10.43
31	6.70	4.40	-0.90	-3.30	1.30	-0.50	2.10	-1.40	2.10	11.57
32	6.70	4.30	-3.50	-2.30	0.40	0.	2.70	-0.20	1.80	13.51
33	6.19	4.20	-5.00	-0.90	-0.50	0.00	3.60	1.60	1.00	14.20
34	4.99	4.20	-4.89	0.00	-1.90	1.30	4.40	2.80	0.40	13.85
35	3.50	4.10	-3.80	1.70	-2.50	2.60	5.20	4.30	0.40	5.70
36	2.10	4.20	-2.60	3.10	-3.70	5.41	5.90	5.30	0.40	5.39
37	1.80	4.70	-1.10	4.60	-4.50	6.60	5.99	5.40	0.40	5.99
38	1.40	5.61	-0.10	5.60	-5.30	7.00	5.20	5.40	0.40	5.99
39	1.40	6.90	0.20	5.70	-5.70	7.10	4.40	5.40	0.80	2.40
40	1.40	7.00	0.30	5.90	-4.99	6.99	4.00	5.40	0.80	0.20
41	0.40	7.40	0.40	6.10	-4.00	6.40	3.40	4.40	1.10	-0.30
42	-0.10	7.59	0.70	6.30	-2.60	6.09	2.40	3.20	1.30	-0.50
43	-0.40	7.09	0.40	6.00	-0.50	5.39	0.40	2.00	1.30	-0.40
44	0.20	6.19	0.40	5.80	0.00	4.00	0.40	0.30	1.30	-0.20
45	0.90	4.98	-0.00	5.40	0.40	3.90	-0.50	0.30	1.30	-0.30
46	1.40	2.00	-0.10	4.99	1.30	3.09	-1.70	-0.50	1.30	-0.50
47	1.90	0.00	-0.60	4.00	2.60	3.09	-1.70	-1.10	1.30	-2.70
48	2.80	-5.51	0.30	3.09	3.91	-4.80	-2.00	-1.20	1.30	-3.90
49	2.80	-6.30	0.00	-0.10	5.61	-1.80	-0.80	-1.10	1.00	-4.00
50	2.80	-5.99	1.40	-0.60	7.61	-1.80	0.00	-0.70	0.80	-3.80
				1.10	8.50	-1.80	3.11	-0.40	0.60	-3.50

RECORD=S=241      COMPONENTE=M      SIGNAL=GR,ACC.      CORRECTION=ARC,ERR.      STATION=MURORAN=S  
 DATE AND TIME=1968-05-16-19-39      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA= 8550

NO.	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	-6.25	-1.10	4.79	15.05	-1.10	2.70	-3.90	0.40	1.90	8.71
2	-0.00	-1.00	2.60	13.92	-1.70	3.90	-4.40	-0.00	3.50	9.50
3	-2.40	-1.40	1.70	11.82	-2.40	4.70	-5.29	-0.30	4.70	9.49
4	-1.60	-1.10	1.00	5.98	-3.50	4.91	-4.09	-1.30	4.59	8.99
5	-0.70	-1.10	-0.70	2.84	-4.30	6.51	-1.50	3.20	3.20	8.59
6	0.00	-1.40	-1.80	-0.50	-5.20	7.46	0.00	-2.10	1.80	8.00
7	1.20	0.00	-2.00	-1.90	-4.60	8.82	2.70	-1.20	0.40	7.79
8	2.80	0.60	-1.90	-3.91	-3.70	9.82	4.31	0.00	-0.50	6.99
9	4.00	3.30	-1.00	-5.90	-2.20	10.71	6.32	0.70	-1.50	5.99
10	4.40	4.71	-0.10	-6.20	0.00	11.18	8.64	1.50	-2.70	4.99
11	4.00	5.80	0.70	-5.70	1.40	10.59	10.94	1.70	-3.60	3.78
12	3.80	5.49	1.90	-5.20	2.70	9.96	12.60	1.90	-2.80	-3.90
13	3.20	3.99	3.70	-4.68	3.40	7.96	12.61	2.60	-2.30	-4.30
14	2.50	2.40	4.91	0.	3.00	4.79	12.97	2.70	-1.90	-4.90
15	1.80	0.80	6.11	0.00	2.00	3.00	12.18	3.90	-1.10	-4.70
16	1.20	0.30	7.00	2.90	1.10	2.50	11.57	4.50	-0.60	-4.40
17	1.50	0.10	7.40	4.50	0.20	2.90	10.37	4.60	0.00	-3.70
18	2.10	0.	7.00	5.20	-0.00	3.40	9.27	5.30	0.90	-2.00
19	3.40	0.	7.90	4.60	-0.70	2.60	7.69	5.80	1.80	-0.30
20	4.51	0.	7.59	3.99	-1.90	1.40	7.10	6.30	2.50	1.40
21	6.01	0.00	6.39	2.00	-3.50	0.20	7.29	6.79	2.80	3.60
22	7.30	0.30	5.80	-0.00	-3.90	-0.20	6.29	6.20	2.80	5.10
23	7.40	0.70	5.00	-2.70	-3.90	-0.90	5.39	5.80	2.00	5.30
24	7.70	0.80	4.80	-1.70	-3.80	-1.50	3.99	5.40	1.10	5.70
25	7.90	0.50	4.80	-1.00	-2.20	-1.00	2.00	5.00	0.55	5.90
26	8.00	-0.00	4.40	0.00	-0.70	0.	1.00	4.60	0.00	6.00
27	8.10	-1.90	4.10	1.70	1.60	0.00	0.40	4.20	0.50	5.80
28	7.88	-2.70	3.60	3.40	3.71	0.60	0.80	4.10	1.40	5.40
29	6.40	-3.70	2.20	4.71	5.62	1.60	1.60	3.39	2.10	5.19
30	5.99	-4.00	1.30	5.91	7.92	2.00	2.20	0.80	2.60	4.20
31	4.99	-4.30	-0.40	6.70	9.51	1.80	3.30	-0.00	3.60	3.80
32	5.99	-4.00	-3.51	6.59	9.79	1.20	3.80	-0.60	4.20	2.40
33	2.00	-3.60	-5.91	5.18	9.49	1.20	4.70	0.00	5.00	1.30
34	0.80	-3.40	-6.71	2.40	8.79	1.70	4.80	1.70	5.60	-0.00
35	0.00	-3.30	-7.71	2.00	7.87	2.30	3.80	3.10	5.70	-2.10
36	2.40	-2.60	-8.19	1.90	6.98	2.70	2.80	3.80	5.80	-3.20
37	3.70	-2.60	-7.79	1.90	5.98	3.50	1.60	3.20	5.80	-4.00
38	5.19	-1.20	-7.39	2.10	0.80	3.91	0.40	2.70	5.00	-4.00
39	2.60	-0.60	-6.38	2.00	-1.10	5.61	-0.00	2.20	5.00	-3.50
40	1.90	-0.10	-4.39	1.20	-3.50	7.16	-0.90	2.20	3.99	-2.60
41	1.00	0.00	-2.20	0.60	-4.10	12.62	-0.60	2.30	1.30	-2.30
42	-0.00	0.30	-0.70	-0.00	-4.99	13.28	0.	2.50	-0.00	-2.00
43	-0.30	1.30	3.91	-0.50	-3.10	12.77	0.00	2.20	-1.60	-1.40
44	-1.30	2.20	7.71	-1.20	-1.20	11.93	1.70	1.80	-2.30	-0.80
45	-1.70	3.20	8.73	0.	0.	9.14	2.60	1.50	-1.90	-0.40
46	-2.10	3.90	10.53	-1.60	0.00	6.38	3.30	0.80	-0.30	0.00
47	-2.10	4.50	11.95	-1.60	0.10	3.69	3.40	0.80	0.00	2.00
48	-1.90	5.50	13.62	-1.30	0.50	1.00	3.10	0.20	1.90	3.00
49	-1.50	5.91	14.13	-1.10	1.30	-0.00	2.10	0.00	3.41	4.50
50	-1.40	6.58	14.81	-1.00	1.70	-2.90	1.50	1.10	5.92	5.62

RECORD=S-241	COMPONENT=E-W	SAMPLING INTERVAL= 0.010(SEC)	CORRECTION=ARC.ERR.	STATION=MURORAN+S			
DATE AND TIME=1968-05-16-19-39	FORMAT NO.=301	TOTAL NUMBER OF DATA= 8550					
NO.	( 1500)	( 1650)	( 1700)	( 1750)	( 1800)	( 1900)	( 1950)
1	7.91	-9.91	-5.68	15.38	25.62	-8.72	8.32
2	8.52	-11.51	-2.40	16.87	22.93	-9.93	-33.52
3	9.70	-11.69	0.00	18.22	19.12	-1.30	35.80
4	9.90	-10.78	2.80	22.25	8.73	-11.81	33.87
5	9.99	-11.16	4.70	20.87	-6.74	-56.41	29.34
6	9.87	-8.66	5.10	17.12	-10.67	-61.29	25.87
7	9.75	-8.74	4.60	12.80	-13.72	-11.36	20.11
8	9.99	-8.89	4.10	7.17	-22.39	-74.01	16.70
9	2.20	-0.89	2.80	4.09	-31.86	-9.49	14.82
10	-0.00	-1.20	1.50	0.00	34.42	-9.20	6.08
11	-1.90	1.10	-0.00	-5.72	-36.53	-9.31	3.89
12	-4.71	0.20	1.10	-8.38	-36.95	-9.72	2.00
13	-5.91	-0.00	2.40	-13.53	-32.28	-10.75	1.00
14	-7.51	-0.50	-3.60	-16.90	-24.12	-13.04	-0.00
15	-8.00	-0.20	-4.71	-20.12	-16.03	-16.77	-0.50
16	-7.87	0.00	-6.72	-22.61	12.02	-18.10	-0.60
17	-5.98	1.70	-8.72	-25.44	22.80	-20.80	-4.32
18	-3.88	3.71	-9.96	-22.95	30.25	-13.98	-8.97
19	1.70	5.82	-12.81	-22.09	31.79	-15.63	-12.83
20	3.70	8.33	-15.84	-18.72	32.23	-16.81	-16.83
21	4.50	10.51	-14.68	-10.26	32.72	-16.05	-22.50
22	4.70	10.99	-14.16	-4.23	31.91	16.61	-25.99
23	5.10	10.58	-13.24	31.83	23.11	29.49	-27.70
24	5.30	9.76	-11.64	45.97	29.48	39.59	-27.27
25	5.40	7.95	-9.78	50.84	24.10	46.25	-24.51
26	5.10	4.38	-7.98	50.62	17.56	56.83	-21.50
27	4.30	0.40	-6.68	48.03	14.01	63.16	-17.50
28	3.40	-0.30	-4.97	44.23	11.83	66.14	-11.82
29	2.00	-0.70	0.00	40.76	6.39	66.30	-5.94
30	1.43	-1.10	2.91	35.66	4.69	62.69	1.01
31	0.40	-0.50	5.73	25.51	3.21	56.52	10.06
32	-0.10	0.00	9.97	19.87	5.95	49.75	17.68
33	-0.90	1.60	13.14	7.91	11.98	42.84	26.32
34	-0.40	2.70	14.35	1.20	14.64	36.11	30.11
35	1.90	4.11	15.67	-1.91	15.88	26.55	30.11
36	3.30	6.72	18.77	-9.12	23.29	17.69	26.91
37	4.71	8.71	19.56	-21.19	29.83	11.40	7.88
38	6.51	9.30	19.00	-24.19	32.67	11.40	13.75
39	7.71	9.38	17.67	-27.43	34.65	11.35	18.70
40	8.50	8.59	15.56	-34.65	32.82	15.25	25.87
41	8.39	7.67	13.01	-37.96	25.48	22.80	30.11
42	8.00	5.19	11.41	-39.16	19.86	17.68	36.11
43	7.79	2.80	8.34	-36.99	13.79	14.00	42.84
44	7.09	0.70	-7.52	-22.90	8.73	-8.40	48.40
45	6.59	-0.00	-11.66	-22.79	4.68	-15.25	56.83
46	5.39	-1.70	-13.45	-22.70	0.30	-22.80	66.14
47	3.79	-3.50	-12.08	-0.70	44.30	-31.86	77.50
48	2.00	-5.91	-11.27	1.80	47.70	-49.75	88.87
49	1.00	-6.72	-10.07	3.92	48.99	-67.56	100.00
50	0.40	-8.72	-8.95	10.02	56.01	-85.85	111.11

RECORDS=241      COMPONENT=E-U      SIGNAL=GR.ACC.      CORRECTION=ARC.ERR.      STATION=HUORAN-S  
DATE AND TIME=1968-05-16-19-39      SAMPLING INTERVAL= 0.040(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA= 8550

NO.	( 2000)	( 2050)	( 2100)	( 2150)	( 2200)	( 2250)	( 2300)	( 2350)	( 2400)	( 2450)
1	-30.22	25.89	27.50	15.71	25.50	29.84	20.04	13.47	24.89	46.16
2	-26.12	24.29	27.50	19.62	22.13	29.62	24.16	12.75	26.23	48.76
3	-20.37	17.71	27.50	18.16	19.83	29.62	27.34	11.35	26.85	49.60
4	-19.80	13.45	27.26	14.77	17.86	30.63	26.61	9.56	25.85	49.60
5	-8.93	7.12	25.72	15.81	15.81	33.62	24.27	7.78	21.50	49.60
6	-4.78	0.00	26.85	6.68	12.28	38.65	23.18	6.39	16.82	49.60
7	-0.40	6.74	22.67	8.97	8.14	39.39	21.18	5.49	13.84	48.21
8	2.70	-11.00	21.41	3.71	3.99	41.20	17.97	3.99	9.90	46.46
9	5.73	-10.92	19.56	-6.73	-0.00	41.20	14.54	2.20	4.98	45.60
10	10.03	7.95	17.80	-9.52	-1.90	39.84	8.89	-0.00	1.00	40.10
11	16.23	-3.99	19.77	-10.77	-4.72	36.85	2.39	-3.71	-0.70	44.10
12	25.91	-1.80	9.87	-16.75	-8.60	33.52	3.71	-5.93	2.60	40.26
13	36.82	-2.70	6.98	-14.94	-8.51	33.67	-7.62	-2.60	-3.10	35.14
14	42.49	-5.72	-14.70	-15.80	-2.99	30.40	-9.99	-14.06	-3.10	28.92
15	50.64	-8.93	-6.91	-15.71	1.90	33.08	-8.90	-17.95	-3.00	22.97
16	55.20	-10.57	-8.15	-13.85	4.50	35.60	-2.98	-21.64	-2.40	14.67
17	52.60	-9.23	-11.55	-10.35	4.70	8.85	-2.98	-24.99	-4.31	7.73
18	52.25	0.00	-12.50	-8.27	4.71	0.40	15.83	-27.65	-5.93	2.00
19	48.49	13.11	-12.39	-6.18	7.12	-5.76	18.12	-29.99	-9.78	-3.72
20	45.25	24.24	-8.91	-3.99	9.23	-13.95	16.94	-31.16	-13.86	-9.76
21	40.66	29.28	-6.99	-1.00	10.92	-30.28	15.79	-29.74	-18.05	-12.82
22	34.50	29.78	0.60	0.90	11.70	-26.56	11.94	-22.56	-13.44	-13.44
23	27.68	30.98	-0.30	2.90	11.68	-28.28	9.94	-17.84	-23.28	-14.56
24	20.37	30.53	-1.50	3.80	10.95	-30.60	6.95	-28.43	-33.17	-18.18
25	13.72	27.51	-5.32	3.90	8.94	-30.10	6.95	-33.17	-28.43	-22.42
26	6.91	24.36	-8.10	2.40	5.67	-27.39	-3.71	-37.18	-37.18	-26.98
27	-1.61	19.51	-8.12	1.20	-0.00	-25.70	-7.95	-37.09	-37.09	-29.12
28	-10.66	13.88	-9.72	-1.90	-1.70	-19.59	-12.00	-31.50	-33.69	-31.50
29	-17.85	10.87	-10.70	-2.91	-2.91	-14.87	-15.00	-27.37	-29.92	-39.92
30	-24.59	5.96	-10.73	-5.73	-5.73	-12.90	-14.88	-1.90	-2.41	-27.12
31	-29.33	1.00	-11.95	-12.98	-9.96	-12.90	-12.82	-6.93	-1.76	-23.11
32	-30.19	-3.72	-13.68	-15.21	-12.83	-12.42	-9.85	-11.31	-1.76	-23.11
33	-31.83	-8.95	-15.66	-19.39	-16.58	-13.00	-2.98	-12.62	-8.18	-19.88
34	-33.42	-11.80	-16.60	-19.04	-18.11	-12.97	7.81	-10.26	-6.97	-12.23
35	-35.87	-11.60	-16.63	-11.75	-21.27	-12.12	15.93	-3.97	-3.97	-6.95
36	-35.35	-4.99	-15.72	-9.90	-25.42	-9.65	19.90	-2.60	-2.60	-2.40
37	-30.70	-2.80	-6.93	-4.97	-0.66	-6.95	19.90	-1.00	-1.00	0.20
38	-37.70	-1.80	-0.40	0.00	-84.79	-2.30	19.90	11.80	0.00	6.92
39	-36.64	0.00	9.89	2.71	-99.85	-1.10	19.90	15.16	1.90	8.49
40	-32.01	6.11	18.70	6.75	-45.68	-3.51	19.87	12.26	4.70	8.00
41	-25.66	5.73	18.65	18.89	-20.40	-6.97	18.57	7.92	5.71	7.80
42	-19.76	10.02	17.73	18.76	-25.46	-13.46	19.15	2.00	7.72	7.98
43	-7.97	15.48	15.85	30.21	-28.01	-17.01	18.57	-0.80	9.34	13.79
44	-5.76	19.09	10.31	39.54	-21.96	-21.96	18.05	-2.70	11.37	15.89
45	-5.69	21.46	6.37	43.40	-28.24	-24.20	16.09	-4.10	13.79	15.60
46	-3.93	23.06	2.99	43.42	-23.67	-23.67	15.88	-3.98	16.01	11.89
47	1.40	24.41	-0.00	42.09	-19.57	-19.57	15.57	0.90	18.53	8.45
48	7.60	25.27	-0.40	39.10	-16.49	-16.49	14.97	8.01	24.95	4.98
49	12.88	25.73	0.00	34.52	-8.22	-8.22	14.38	16.01	33.43	1.80
50	22.89	26.13	7.97	29.42	-6.90	-6.90	13.98	21.64	40.99	-0.80

NO.	STATION=MUORAN-S									
	TOTAL NUMBER OF DATA= 8550					TOTAL NUMBER OF DATA= 8550				
NO.	( 2500)	( 2550)	( 2600)	( 2700)	( 2750)	( 2800)	( 2850)	( 2900)	( 2950)	( 2950)
1	-3.71	-20.67	-13.72	40.52	12.96	-6.53	-15.89	27.55	-18.92	-0.40
2	-8.31	-7.75	-8.91	39.28	25.31	-9.97	-19.49	24.96	-17.83	0.70
3	-8.87	10.17	1.30	36.76	27.92	-13.16	-21.59	22.73	-15.44	10.07
4	-3.98	22.37	12.17	33.44	27.83	-14.95	-18.95	17.12	-11.29	18.09
5	4.71	29.48	26.83	30.48	26.25	-18.52	-13.53	12.96	-14.09	26.62
6	7.95	56.30	31.88	27.84	20.72	-23.83	-11.56	11.92	-13.81	26.09
7	11.50	35.59	30.90	24.76	9.18	-24.72	-3.45	9.37	-11.61	26.66
8	11.40	31.96	26.76	-2.61	-2.82	-22.85	16.22	7.96	-2.06	26.91
9	7.57	27.82	22.84	22.57	-11.92	-11.92	31.42	5.39	1.90	26.19
10	3.79	26.35	19.51	19.45	-4.65	2.72	45.59	3.00	6.75	24.59
11	-0.00	18.54	13.87	12.90	-20.54	17.65	47.75	1.00	11.96	21.37
12	-2.50	12.57	13.73	11.85	-27.18	28.31	47.23	-0.90	13.97	17.12
13	-2.50	5.94	7.95	6.91	-29.56	50.34	44.56	-5.91	15.53	12.84
14	-2.50	-1.71	4.59	-1.90	-33.94	30.56	40.47	-7.55	16.12	8.30
15	-2.50	-9.83	3.00	-6.53	-36.41	29.36	37.79	-11.34	16.38	1.60
16	-3.91	-16.05	1.70	-9.80	-37.91	26.38	36.98	-12.67	15.98	-1.10
17	-5.72	-20.83	-1.20	-10.01	-38.06	40.38	35.09	-14.89	15.53	-7.55
18	-6.43	-26.56	-3.10	-10.42	-64.25	17.86	30.40	-18.78	15.02	-11.78
19	-10.80	-30.71	-5.30	-11.14	-26.27	14.49	23.82	-20.06	13.47	-14.41
20	-14.74	-34.80	-7.90	-11.71	-7.97	11.03	21.57	-23.77	12.58	-6.84
21	-15.60	-35.10	-5.29	-12.15	-5.79	4.78	13.18	-25.84	11.84	-17.56
22	-19.27	-35.10	-3.60	-13.82	-4.99	-0.00	9.92	-26.81	9.98	-17.95
23	-8.85	-34.74	-3.40	-17.07	-3.50	-2.72	6.34	-26.87	8.97	-16.97
24	-0.20	-33.16	-2.40	-22.85	-1.80	-13.12	-0.50	-23.56	7.40	-15.20
25	6.53	-30.52	-2.10	-24.92	-0.70	-13.96	-2.71	-19.57	7.73	-7.99
26	12.53	-26.82	-1.60	-25.57	13.25	-20.42	-9.98	-14.79	9.96	0.00
27	24.13	-25.51	0.40	-23.75	28.87	-25.84	-13.66	-14.60	12.81	7.76
28	30.92	-23.64	3.00	-15.91	59.78	-27.01	-17.71	-14.61	16.12	12.75
29	36.85	-23.20	1.90	-14.36	43.91	-28.70	-20.89	-14.80	20.44	14.01
30	42.68	-23.00	3.31	-13.56	46.50	-27.50	-22.65	-14.69	26.47	14.28
31	43.56	-20.99	0.73	-12.24	46.50	-19.14	-21.60	-12.23	30.19	13.65
32	46.09	-16.56	4.55	-10.49	46.66	-8.82	-16.08	-6.89	32.13	9.91
33	40.26	-8.80	12.09	-9.90	46.06	1.70	-13.88	3.93	31.23	5.67
34	33.50	2.93	16.32	-5.00	43.18	6.78	-10.93	13.91	28.24	2.00
35	32.35	18.11	24.20	-1.80	38.23	14.25	-4.40	19.11	25.66	1.40
36	29.09	23.49	26.16	0.	35.21	20.49	-4.30	24.34	23.34	-1.70
37	24.12	22.48	30.52	-0.00	30.79	27.90	-4.71	27.81	21.08	-3.30
38	17.47	14.70	29.66	-0.60	25.12	56.62	-6.31	30.52	17.80	-3.91
39	9.85	8.31	27.28	-1.90	32.97	41.25	-7.90	32.44	14.91	-6.62
40	2.99	2.79	20.21	-5.70	43.44	48.20	-8.20	29.48	13.10	-8.31
41	-1.71	-7.96	20.72	-2.91	42.73	40.72	-6.31	24.49	10.52	-9.31
42	-10.65	-1.80	17.60	-7.71	33.44	35.95	-2.39	20.15	7.36	-10.10
43	-17.35	-12.45	14.91	-8.71	35.19	35.55	7.02	11.25	3.99	-10.17
44	-24.66	-16.95	13.00	-9.16	4.60	26.29	18.25	5.95	2.40	-8.68
45	-30.71	-21.01	13.14	-12.23	4.60	21.91	25.95	-0.50	-0.10	-7.34
46	-35.87	-24.07	17.00	-13.05	4.29	10.92	-3.92	-3.92	-1.70	-2.00
47	-37.99	-24.60	21.93	-14.31	2.00	7.90	30.48	-3.10	-3.10	0.00
48	-37.77	-24.48	26.52	-14.59	1.00	0.40	33.32	-13.55	-3.71	3.91
49	-33.05	-23.48	31.83	-11.92	-1.00	-3.90	32.85	-14.77	-6.28	7.18
50	-28.29	-21.05	30.40	-9.87	-3.31	-12.06	30.41	-16.26	-3.79	5.38

NO.	( 5000 )	( 5050 )	( 5100 )	( 5200 )	( 5250 )	( 5300 )	( 5350 )	( 5400 )	( 5450 )
1	1.47	29.25	11.17	0.20	0.00	10.80	29.77	38.50	-3.91
2	-0.00	30.00	7.95	3.50	3.92	14.91	33.50	38.28	-5.91
3	-0.40	30.58	7.77	5.08	3.91	19.26	32.92	36.44	-7.95
4	-2.77	31.64	2.68	1.10	10.60	19.89	30.41	31.43	-11.76
5	-3.70	33.13	2.40	-0.50	10.50	19.57	27.83	25.33	-13.82
6	-4.90	34.25	0.60	-1.90	10.37	16.88	26.55	23.23	-16.73
7	-4.63	35.68	-1.90	-3.80	8.95	14.86	23.57	19.94	-18.93
8	-1.00	36.84	-2.54	-2.35	5.97	11.94	19.94	14.68	-21.72
9	3.92	37.08	-11.77	-2.94	2.00	9.96	14.86	7.91	-21.90
10	9.76	36.95	-14.38	0.00	-0.00	7.98	11.94	1.00	-21.85
11	14.58	36.15	-16.36	3.92	-1.70	6.39	9.92	-1.30	-23.21
12	14.33	35.21	-21.97	8.41	-3.91	4.94	6.16	-5.30	-19.10
13	12.14	34.27	-24.51	6.81	-5.90	3.00	1.40	-5.90	-15.44
14	10.11	33.28	-25.46	9.21	-6.50	2.00	-0.70	-5.90	-12.29
15	21.07	30.22	-26.42	9.92	-6.47	0.50	-0.70	-5.70	-3.98
16	21.86	25.67	-27.19	10.75	-2.69	-0.00	-6.33	-5.70	2.91
17	20.50	22.11	-27.93	11.81	-1.90	-0.40	-12.81	-5.29	9.83
18	19.22	16.82	-27.95	12.23	6.75	-0.70	-15.79	-3.80	16.23
19	15.89	12.27	-31.09	13.00	11.84	-0.80	-17.32	-3.00	21.67
20	13.96	6.34	-32.44	13.60	16.80	-0.80	-17.32	0.70	21.08
21	12.62	4.29	-32.62	12.96	21.80	0.20	-17.49	0.70	17.59
22	7.91	1.90	-32.79	11.93	21.80	0.20	-15.73	5.73	11.66
23	1.60	1.00	-32.01	9.76	21.62	3.61	-12.61	9.64	6.94
24	-0.80	0.00	-32.65	7.75	19.87	6.75	-9.92	11.56	12.64
25	-2.71	-2.61	-32.43	6.79	18.80	9.94	-6.39	8.94	7.91
26	-4.78	-7.15	-32.13	5.79	16.88	11.75	-4.99	11.56	1.00
27	-13.65	-12.19	-31.17	0.30	14.90	13.43	-3.40	12.74	-3.91
28	-17.44	-15.20	-28.10	0.20	12.72	14.23	-1.80	13.94	-7.33
29	-19.43	-19.19	-26.48	0.20	10.52	14.80	-1.80	14.98	-8.55
30	-19.78	-20.05	-25.58	5.50	7.18	14.80	0.00	16.35	-13.64
31	-19.58	-17.09	-24.15	5.40	4.99	14.75	0.00	17.46	-16.97
32	-19.40	-12.20	-20.71	3.91	3.00	13.72	1.90	18.41	-18.11
33	-19.42	-5.95	4.73	6.60	1.40	11.75	1.80	19.80	-18.05
34	-19.72	0.90	11.72	6.50	-0.00	9.96	1.00	19.80	-21.90
35	-19.91	6.81	18.05	6.00	-0.40	7.96	-0.50	19.80	-25.87
36	-17.83	18.32	22.44	5.60	-0.40	3.00	0.50	19.80	-25.15
37	-17.81	28.24	29.89	5.10	-0.40	3.00	0.50	19.78	6.74
38	-19.14	38.97	36.80	4.50	0.50	0.40	-3.50	19.47	10.60
39	-19.88	40.64	39.53	3.50	3.51	-0.70	-3.90	17.86	10.60
40	-10.92	37.88	40.74	6.73	4.21	-4.80	-4.80	15.84	10.56
41	-7.96	32.21	40.65	3.20	9.64	-7.32	-4.79	12.96	8.95
42	-5.37	25.65	46.60	3.60	11.74	-9.60	-3.20	10.92	5.98
43	0.00	23.34	53.17	3.80	13.92	-9.24	-2.00	7.99	8.79
44	3.51	21.52	63.17	4.20	13.60	-5.97	0.00	7.58	0.00
45	7.68	20.21	66.12	4.70	13.56	-1.90	1.90	6.29	-2.71
46	10.91	19.20	71.18	3.00	12.98	2.91	5.93	4.94	-5.93
47	19.19	17.88	74.89	1.00	12.69	6.74	9.99	3.00	-11.83
48	25.61	16.17	78.99	1.00	11.95	10.55	14.15	2.50	-13.26
49	26.00	13.90	-1.70	-0.30	10.48	12.68	12.68	1.00	-14.76
50	28.60	11.49	-1.40	-1.30	9.79	18.12	28.69	-1.30	-16.09
				9.52	24.36	37.38	-2.70	-19.32	41.22

RECORD=5-241 COMPONENT=E-W SIGNAL=GR.ACC. CURSECTION=ARC.ERR. STATION=MURORAN-S  
DATE AND TIME=1968-05-16-19-39 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8550

RECORD-S=241      COMPONENT=E-W      SIGNAL=GR.ACC.      CORRECTION=ARCERR.      STATION=MURORAN-S  
 DATE AND TIME=1968-05-16-19-39      SAMPLING INTERVAL= U.010(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA= 8520

NO.	( 6500 )	( 3550 )	( 6000 )	( 6650 )	( 6700 )	( 6750 )	( 6800 )	( 3850 )	( 3900 )	( 6950 )
1	45.70	44.53	64.05	11.94	5.60	20.98	23.01	6.70	-15.20	17.87
2	44.03	47.68	37.70	9.06	5.19	21.63	19.38	6.59	-13.08	15.95
3	44.50	48.40	38.20	6.97	6.10	20.37	12.26	4.99	-9.87	13.40
4	44.09	48.86	37.00	6.79	2.00	13.80	7.95	2.40	-3.98	13.51
5	42.53	49.30	36.85	1.00	-0.00	8.93	3.98	2.00	1.90	13.55
6	39.94	48.16	37.05	1.70	-0.50	4.98	-0.70	1.60	5.92	14.85
7	36.77	45.66	34.49	3.51	-1.70	0.80	-4.32	1.00	8.94	18.20
8	33.29	42.10	32.18	7.22	-2.90	-0.00	-8.98	-0.00	11.37	22.12
9	29.85	37.89	28.72	-9.10	-5.22	-0.10	-13.38	-0.30	13.87	22.45
10	24.49	33.06	25.64	-9.05	-8.52	-1.10	-15.54	-1.70	18.17	23.80
11	20.72	29.09	23.01	-6.27	-9.50	-1.70	-16.10	-1.70	21.93	24.68
12	17.67	24.49	19.67	-2.50	-9.56	-2.70	-18.04	-2.20	24.16	26.19
13	14.89	20.64	17.79	-0.20	-6.95	-3.71	-17.12	-2.20	26.00	28.24
14	9.92	16.63	11.88	5.92	-1.80	-5.72	-15.95	-2.00	25.45	29.77
15	6.39	10.78	7.95	10.85	0.00	-7.95	-14.95	0.00	21.71	28.81
16	4.99	9.75	4.00	16.97	1.90	-11.41	-13.92	3.46	19.06	26.70
17	4.00	7.57	3.40	23.19	3.91	-11.96	-11.96	6.95	18.53	24.87
18	4.00	4.98	3.41	27.82	8.00	-11.67	-10.58	11.99	17.48	23.95
19	3.60	1.00	2.73	28.33	8.11	-10.50	-9.57	14.80	15.80	23.53
20	0.00	0.00	10.03	27.58	8.71	-6.15	-7.97	17.02	15.80	22.82
21	2.00	-1.10	15.92	24.69	9.51	-1.40	-5.98	19.09	15.73	21.08
22	2.00	-1.50	19.23	19.77	9.90	3.71	-3.79	21.86	14.89	17.86
23	2.00	-2.60	19.82	17.00	9.89	7.97	-1.00	21.90	11.88	15.84
24	2.70	-3.20	17.10	13.79	9.18	13.00	1.70	21.89	7.95	12.90
25	3.50	-3.70	17.03	11.05	7.97	15.52	4.91	21.49	3.99	10.17
26	4.10	-4.91	15.81	8.95	5.98	13.85	7.30	18.60	-0.00	8.95
27	3.99	-5.92	14.19	5.99	2.99	10.26	7.50	17.19	-1.70	5.98
28	2.00	-8.12	11.65	4.98	-1.90	8.99	7.39	13.96	-2.70	3.19
29	-0.00	-9.70	9.98	2.00	-4.72	0.65	6.39	12.90	-3.91	-0.00
30	-0.70	-9.73	9.17	1.00	-8.93	-2.71	4.99	10.05	-6.74	-4.93
31	-2.70	-11.11	7.78	0.	-10.70	-5.90	3.80	7.96	-11.82	-9.94
32	-3.91	-11.51	5.98	0.	-10.67	-5.90	2.40	5.17	-12.00	-11.92
33	-5.72	-12.01	3.00	-0.00	-9.57	-5.49	1.00	-0.00	-12.00	-12.40
34	-7.93	-12.33	1.00	-2.20	-7.99	-4.68	0.20	-0.60	-11.94	-12.40
35	-9.94	-13.26	0.	-2.20	-6.99	-0.20	0.	-2.71	-9.96	-11.87
36	-11.64	-14.76	0.	-2.20	-6.00	3.60	0.	-6.72	-7.95	-11.87
37	-13.11	-16.01	0.	0.70	-5.90	3.80	0.00	-9.20	-4.00	-10.96
38	-15.50	-17.97	0.	0.50	-5.79	5.22	0.20	-9.17	-3.00	-9.48
39	-15.43	-19.10	0.00	1.00	-4.59	8.65	1.20	-7.73	-1.00	-8.55
40	-11.75	-22.76	0.90	2.20	-2.80	12.02	3.20	-2.00	0.00	-5.19
41	-9.92	-24.43	4.32	3.90	-1.00	15.92	3.30	0.	3.31	-3.99
42	-6.35	-26.81	8.54	4.50	0.10	20.03	4.70	0.	7.76	-2.00
43	-1.00	-27.34	10.80	5.31	1.00	24.02	4.20	-0.00	12.42	0.00
44	0.90	-26.12	12.00	6.71	1.80	28.69	4.00	-0.70	15.98	1.90
45	2.97	-20.04	17.00	8.10	5.74	33.44	3.40	-2.70	17.34	6.73
46	14.83	-9.64	18.60	8.10	11.77	33.90	2.80	-4.71	17.89	10.26
47	25.94	7.00	18.60	8.10	13.98	33.90	2.30	-7.73	19.23	12.74
48	16.23	15.20	18.56	8.10	15.94	33.45	2.90	-9.74	19.60	13.93
49	52.01	24.61	17.80	7.88	16.60	31.17	4.30	-11.74	19.60	14.70
50	39.96	25.72	14.86	6.39	16.86	27.27	5.31	-13.20	19.47	14.68

RECORD=S-241 COMPONENT=E-P SIGNAL=GR.ACC. CURRELION=ARC.EMR. STATION=MURORAN-S  
DATE AND TIME=1968-05-16-19-39 SAMPLING INIT=KVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8550

NO.	( 4000)	( 4050)	( 4100)	( 4150)	( 4200)	( 4250)	( 4300)	( 4350)	( 4400)	( 4450)
1	14.15	12.34	9.99	7.70	0.00	10.93	0.00	-7.70	14.29	10.00
2	10.10	10.37	3.40	7.59	1.70	11.96	3.01	-7.67	13.97	9.90
3	10.10	8.94	-1.90	6.80	3.90	13.98	5.91	-4.97	13.17	9.79
4	10.10	5.17	-0.91	6.79	5.40	15.74	7.93	0.00	12.39	9.18
5	10.09	0.20	-0.71	6.20	5.71	16.20	9.94	5.73	11.95	8.27
6	12.79	-1.30	-7.05	6.00	7.21	16.60	11.63	10.40	10.37	6.47
7	12.50	-3.51	-3.98	5.40	8.52	16.60	11.63	10.40	8.98	2.60
8	12.40	-5.71	0.80	4.60	9.51	16.60	12.74	10.30	7.99	0.60
9	12.42	-6.70	2.74	4.70	9.91	16.58	14.03	10.30	6.99	0.
10	12.94	-0.58	12.00	4.60	10.42	16.16	16.96	10.30	5.98	0.
11	10.92	-3.99	13.03	4.70	11.31	15.42	17.85	10.30	3.39	-0.00
12	14.03	1.00	10.92	5.50	11.80	13.96	17.17	10.40	1.00	-1.00
13	14.91	2.71	11.88	6.20	11.80	12.93	16.72	10.27	-0.00	-1.90
14	12.10	6.63	7.93	6.60	11.80	10.97	15.35	8.93	-0.10	-3.91
15	11.95	9.94	0.10	6.69	11.80	9.92	14.37	4.99	0.00	-6.22
16	10.96	12.01	1.55	4.98	11.82	5.96	13.73	2.60	0.10	-8.10
17	12.56	15.76	-0.00	2.00	12.50	1.00	11.97	1.90	0.50	-8.26
18	11.55	21.09	-0.32	0.40	12.50	-3.31	10.95	0.60	0.60	-5.77
19	10.33	24.28	-9.74	-0.00	12.50	-5.92	9.18	0.	1.30	-2.00
20	9.97	27.27	-11.75	-0.90	12.48	-9.00	8.09	-0.00	1.91	-1.91
21	7.97	29.42	-13.52	-1.20	11.99	-8.79	7.37	-0.60	2.70	11.01
22	9.97	30.66	-13.90	-1.70	11.67	-7.97	4.99	-1.00	3.90	11.37
23	2.40	49.86	-14.75	-2.60	10.59	-5.99	3.19	-1.00	5.20	11.41
24	1.00	28.31	-15.75	-3.70	9.97	-4.40	0.60	-1.00	5.20	11.91
25	-0.10	27.18	-16.72	-4.60	8.68	-3.99	0.70	0.00	5.30	12.29
26	-0.70	25.77	-17.00	-4.60	8.68	-2.00	0.70	0.00	5.71	11.98
27	-1.70	24.20	-18.90	-4.60	7.71	-0.40	2.91	3.71	6.51	11.37
28	-2.97	22.56	-19.13	-4.39	8.52	0.	9.96	6.92	7.21	10.29
29	-3.91	20.37	-19.88	-2.80	9.92	0.00	12.61	8.94	8.11	10.00
30	-6.91	17.74	-20.91	-0.60	10.91	1.80	15.87	11.46	8.60	9.79
31	-7.93	14.11	-20.98	1.70	11.11	2.90	19.20	13.76	8.60	9.40
32	-9.97	11.94	-19.70	3.31	11.30	3.90	22.83	14.55	8.70	9.41
33	-13.05	10.08	-17.75	5.72	11.18	4.70	24.33	15.80	8.81	9.93
34	-14.84	9.20	-16.02	7.92	10.59	5.70	27.53	17.65	9.20	11.54
35	-18.05	9.21	16.12	9.72	10.00	5.25	28.77	19.58	9.30	13.06
36	-24.99	9.92	20.25	10.63	9.98	5.39	29.08	18.20	9.20	13.76
37	-25.29	10.74	24.15	11.95	8.97	3.40	28.65	18.20	9.30	15.89
38	-24.91	12.52	26.34	16.55	7.20	1.90	26.55	18.20	9.30	15.65
39	-22.15	13.22	29.32	14.76	7.62	0.80	23.74	18.20	9.30	14.69
40	-14.63	13.72	30.95	15.97	9.31	-0.00	21.62	18.20	9.30	12.34
41	-7.91	14.61	29.44	17.09	10.13	-1.70	19.67	18.19	9.00	10.30
42	-1.00	16.90	26.61	16.90	11.60	-2.90	15.79	18.10	9.00	5.99
43	2.73	20.04	26.70	13.33	11.60	-3.90	11.94	18.10	9.00	4.99
44	10.35	21.50	16.40	13.88	11.57	-3.90	9.90	18.10	9.00	3.79
45	13.94	21.50	12.71	10.85	10.59	-3.70	4.96	18.09	9.00	1.00
46	12.95	21.50	10.96	4.99	10.00	-3.40	-1.70	17.96	9.00	0.80
47	10.80	21.50	12.96	3.00	9.80	-3.60	-3.50	17.69	9.00	0.40
48	16.60	20.98	11.09	0.65	9.81	-2.90	-3.90	17.19	9.70	-0.50
49	16.75	15.68	7.90	-1.70	10.11	-1.40	-5.31	16.88	9.80	-1.60
50	15.61	9.87	7.70	-1.90	10.51	-0.40	-7.70	15.06	9.90	-1.50

RECORDS=241 COMPONENT=E-W SIGNAL=GR.ACC. CURVECTION=ARG.ERR. STATION=MURORAN-S  
 DATE AND TIME=1968-05-16-19-39 SAMPLING INTERVAL= 0.050(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA= 8550

NO.	( 4500)	( 4550)	( 4600)	( 4650)	( 4700)	( 4750)	( 4800)	( 4850)	( 4900)	( 4950)
1	U.	10.73	18.94	9.94	-0.70	8.10	8.60	3.60	15.54	13.54
2	0.00	12.01	20.65	11.62	-0.20	8.21	8.49	3.50	14.36	11.98
3	2.70	12.39	21.16	12.94	0.00	8.60	8.10	3.90	13.35	11.20
4	5.11	11.99	21.68	13.53	1.80	8.62	7.90	4.81	11.97	3.90
5	6.20	11.67	21.42	14.34	3.71	9.83	8.20	6.10	10.97	3.00
6	5.99	10.54	20.49	15.62	6.53	11.15	8.50	6.61	9.99	4.21
7	2.30	7.98	18.23	15.55	9.74	12.33	8.60	7.41	9.37	6.72
8	4.99	6.69	13.76	14.67	11.76	13.32	7.91	7.60	9.37	6.72
9	3.80	5.19	11.30	14.08	13.81	13.80	8.60	7.20	7.60	9.91
10	2.30	3.40	7.77	13.58	16.47	13.99	8.59	7.19	7.19	10.40
11	1.60	1.80	5.78	12.96	19.24	13.99	8.20	6.60	6.60	10.51
12	1.20	0.80	3.69	11.98	19.67	13.77	8.10	6.30	6.30	10.91
13	0.80	-0.00	1.60	11.67	19.23	12.98	7.99	6.00	6.00	11.10
14	1.20	-1.10	-0.00	10.16	18.23	12.35	7.58	5.80	5.80	11.10
15	1.70	-1.20	-1.90	8.59	15.84	10.96	5.99	5.20	5.20	11.10
16	2.20	0.00	-4.71	7.77	13.06	9.37	4.60	4.60	4.60	11.09
17	3.00	2.00	-6.93	5.60	11.94	7.90	6.60	4.70	4.30	10.80
18	4.61	4.71	-6.29	5.00	11.94	7.90	6.60	4.70	4.30	10.80
19	7.14	6.71	-5.39	5.71	9.96	7.40	6.70	4.70	4.10	10.91
20	10.64	7.93	-6.99	6.51	7.98	7.40	7.20	4.70	4.00	11.32
21	12.37	10.24	-2.39	7.91	6.69	6.99	7.60	4.70	4.51	11.91
22	14.45	11.85	1.70	8.92	5.40	6.50	7.70	4.70	5.72	12.13
23	15.53	13.82	3.26	9.96	4.70	6.80	7.90	4.70	6.22	12.92
24	15.43	14.11	12.79	11.62	5.98	6.80	8.10	4.70	9.81	13.42
25	13.13	16.52	13.47	11.92	6.31	7.60	8.30	5.00	10.51	13.93
26	14.69	16.74	18.85	12.50	7.10	7.90	8.40	5.10	10.81	14.63
27	14.39	15.75	20.74	12.68	6.80	7.91	8.50	5.30	11.21	15.33
28	14.10	14.75	21.14	11.89	6.40	8.30	8.50	5.60	11.61	15.81
29	14.10	13.73	21.52	11.49	6.40	8.30	8.50	5.70	11.91	15.91
30	14.13	11.97	21.53	11.18	6.00	7.99	8.40	5.90	12.24	15.99
31	14.73	10.97	19.93	10.48	5.70	7.09	7.90	6.10	13.44	15.87
32	13.42	9.90	18.05	9.78	5.20	6.24	7.80	6.30	14.40	15.38
33	12.82	9.79	17.04	8.98	5.20	5.59	7.59	6.00	14.29	15.10
34	10.19	9.19	14.49	7.79	4.70	5.59	7.59	5.79	13.99	14.96
35	13.96	8.38	12.06	6.99	4.40	4.20	6.79	5.00	13.77	14.13
36	13.27	7.39	10.92	6.19	3.60	3.80	5.79	4.20	12.97	12.51
37	14.05	6.29	9.74	5.39	3.60	3.90	5.00	3.20	12.08	9.93
38	13.56	5.39	8.97	4.49	3.95	4.60	4.40	2.20	11.48	6.58
39	12.56	4.00	8.99	2.60	4.60	5.10	3.80	2.00	10.68	4.20
40	11.37	2.60	7.20	0.80	5.10	5.10	3.00	1.80	10.00	3.90
41	11.40	2.20	5.80	-0.00	6.20	4.40	2.60	0.40	9.81	3.20
42	10.13	1.60	4.20	-1.40	6.60	4.80	2.50	0.40	10.32	1.80
43	9.23	1.60	3.20	-2.50	6.90	3.20	2.60	2.00	11.02	1.00
44	7.96	2.40	1.40	-6.90	7.21	3.70	2.70	6.04	11.94	0.50
45	5.40	3.80	0.30	-4.20	7.70	4.51	2.80	10.76	13.13	-0.20
46	4.60	4.31	-1.70	-6.50	8.01	6.12	3.50	13.36	13.92	-0.90
47	5.20	5.93	2.70	-6.00	8.40	8.12	3.80	14.92	14.32	-1.60
48	5.91	10.58	4.71	-2.00	8.90	9.40	3.50	15.46	14.83	-1.90
49	7.62	13.99	6.92	-1.80	8.20	9.59	3.50	16.50	15.39	-2.30
50	9.33	16.16	6.42	-1.40	8.10	8.99	3.50	16.46	16.27	-2.40
								16.17	14.55	-1.80

MEG00005-241  
 DATE AND TIME=1968-05-16-19-39  
 COMPONENT=-V  
 SIGNAL=HR, ACC.  
 SAMPLING INTERVAL= 0.010 (SEC)  
 CORRECTION=ARC, ERR.  
 FORMAT NO.=001  
 STATION=HUORAN-S  
 TOTAL NUMBER OF DATA= 8550

NO.	( 5000)	( 5050)	( 5100)	( 5150)	( 5200)	( 5250)	( 5300)	( 5350)	( 5400)	( 5450)
1	-1.00	0.50	24.50	0.98	16.78	9.08	11.50	10.97	19.55	11.91
2	-1.00	-0.70	24.50	7.99	16.47	7.99	11.52	9.96	18.95	12.51
3	-1.40	-0.70	24.50	7.19	15.90	6.98	12.13	8.20	18.34	12.50
4	-0.50	-1.70	24.44	6.50	14.03	4.70	13.22	7.90	17.56	12.50
5	0.00	-1.20	23.98	6.00	12.67	4.70	13.75	7.80	16.94	12.50
6	1.90	-1.20	23.00	5.40	11.69	5.71	14.94	7.50	15.91	12.50
7	7.74	-0.30	21.94	4.99	10.97	7.71	15.80	7.60	14.37	12.60
8	10.82	1.30	21.19	3.99	9.66	8.73	15.77	7.20	13.77	12.60
9	11.56	5.40	19.14	2.00	8.09	10.00	15.20	6.99	12.94	12.60
10	10.60	5.51	18.60	1.40	7.89	10.80	15.17	5.90	11.67	12.57
11	16.07	6.92	15.89	1.10	6.74	10.78	14.55	5.40	10.29	12.37
12	17.34	8.92	13.14	0.60	5.99	9.99	13.35	4.99	8.97	11.55
13	17.92	10.33	10.86	0.60	4.79	9.40	11.97	2.40	8.39	9.98
14	16.13	11.61	11.19	0.60	3.60	9.18	10.99	1.40	7.99	8.98
15	16.07	11.97	10.78	1.10	3.10	8.19	10.60	1.00	6.99	7.99
16	17.93	11.08	9.99	1.20	0.20	7.79	10.39	0.40	6.00	7.09
17	17.02	10.19	7.60	1.70	3.20	7.09	9.96	-0.00	5.39	6.00
18	16.38	9.68	7.39	1.90	3.20	5.99	8.17	-0.50	4.50	5.40
19	14.57	8.69	6.70	2.00	3.90	4.99	6.39	-0.70	3.80	5.10
20	12.17	8.07	6.70	1.70	3.90	3.40	5.39	-0.70	3.20	5.10
21	11.16	5.98	6.40	1.00	3.90	2.00	3.40	-0.70	3.80	5.10
22	9.79	3.99	6.00	-0.00	3.90	1.00	1.80	-0.20	3.30	6.00
23	9.21	2.30	2.80	-0.10	3.90	0.20	0.20	0.00	3.30	6.00
24	9.09	1.50	5.70	-0.60	3.00	0.10	0.	0.90	3.30	6.00
25	6.81	1.20	5.91	-0.70	2.00	0.20	0.	2.30	3.30	6.00
26	6.71	0.60	6.71	-0.70	0.10	0.20	0.00	3.91	3.40	6.60
27	6.41	0.40	7.41	-0.70	-0.70	0.20	1.70	7.92	3.20	6.61
28	6.72	0.40	7.91	-0.70	-1.80	1.90	2.70	6.71	3.70	7.51
29	9.63	1.50	6.72	-0.70	-2.70	3.91	5.71	9.61	3.90	8.00
30	11.64	3.20	9.71	-0.70	-3.10	6.94	7.73	9.70	3.90	8.01
31	12.72	5.61	3.42	-0.70	-3.10	10.78	9.94	9.70	4.70	8.40
32	13.63	6.61	11.12	-0.70	-3.10	14.02	11.77	11.51	5.10	8.40
33	13.71	7.92	11.51	-0.70	-3.10	16.77	14.16	12.02	5.91	8.59
34	13.92	9.63	14.63	-0.60	-3.10	18.15	20.04	12.72	7.70	7.89
35	14.42	11.02	16.12	-0.20	-2.90	21.54	21.60	13.30	8.41	7.20
36	14.63	11.71	16.01	0.	-1.70	21.91	22.49	13.30	9.41	6.80
37	12.11	12.12	19.92	0.	-0.70	22.37	22.37	13.19	9.41	6.60
38	13.61	12.72	19.30	0.	0.00	21.99	22.10	12.99	9.41	6.40
39	13.51	13.44	14.20	0.00	1.90	21.89	22.10	12.60	9.61	6.40
40	13.71	14.50	14.19	0.20	3.51	21.60	22.08	12.62	10.11	6.10
41	13.73	16.77	16.90	0.70	5.73	20.09	21.36	13.11	10.51	5.90
42	13.47	17.94	19.94	1.90	9.93	19.66	20.96	13.52	10.80	5.90
43	14.94	18.56	19.38	3.91	11.51	18.28	20.55	13.92	10.80	6.11
44	13.72	19.35	12.98	5.82	11.92	17.97	19.83	14.52	13.80	6.92
45	11.75	19.94	12.67	7.92	12.61	17.40	17.89	14.73	13.80	8.41
46	7.96	20.55	11.58	9.72	12.60	15.84	16.29	15.63	13.91	9.30
47	7.96	22.18	10.99	10.74	12.58	12.99	14.38	15.98	11.21	9.52
48	6.18	22.99	10.59	12.25	12.58	12.99	13.96	17.33	11.41	10.75
49	6.79	23.74	10.20	13.98	11.97	12.19	12.96	17.93	11.70	11.86
50	1.90	24.06	10.17	15.76	10.95	11.79	11.97	19.69	11.80	12.72

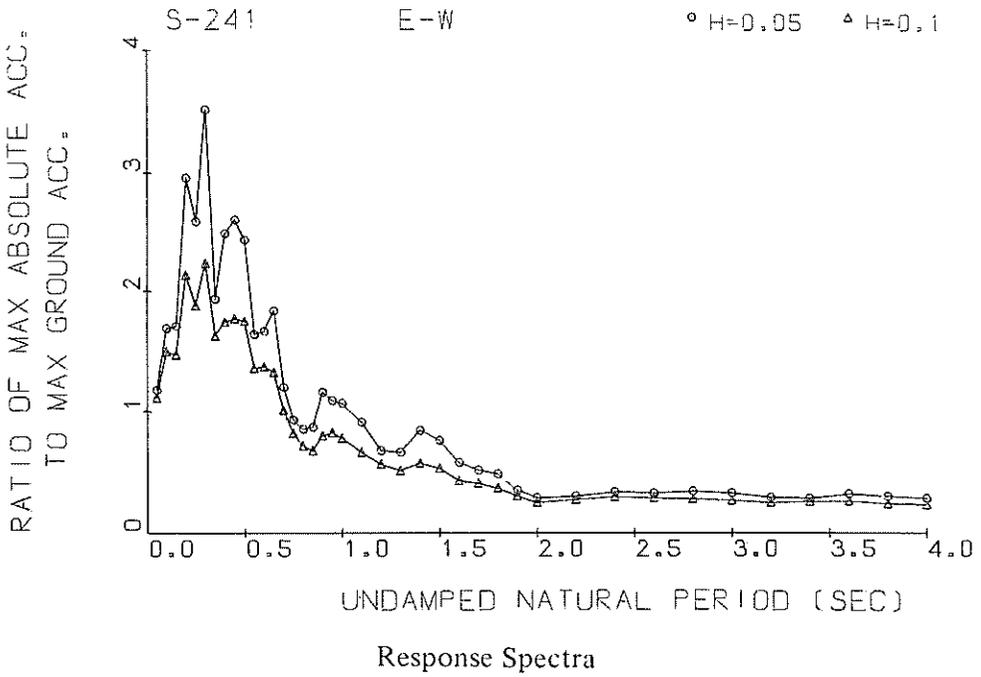
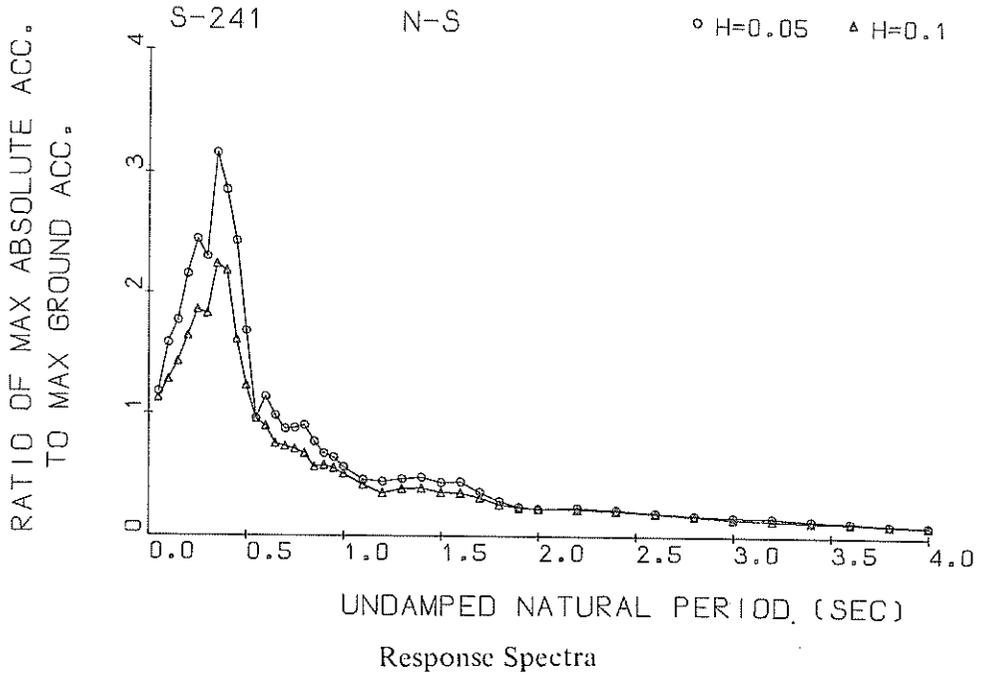
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 DATE AND TIME=1968-05-16-19-39

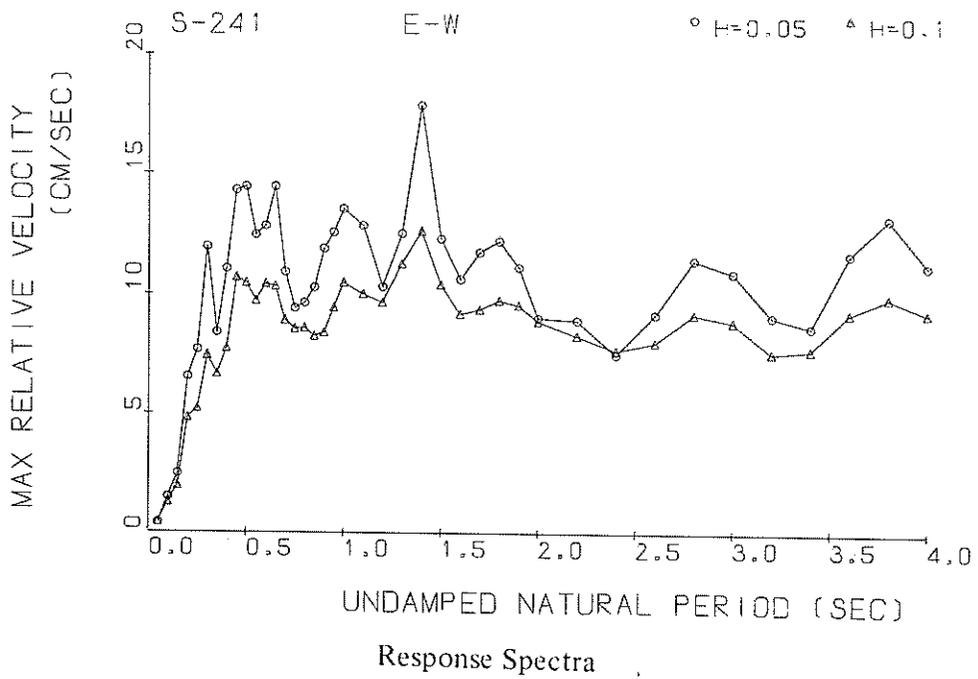
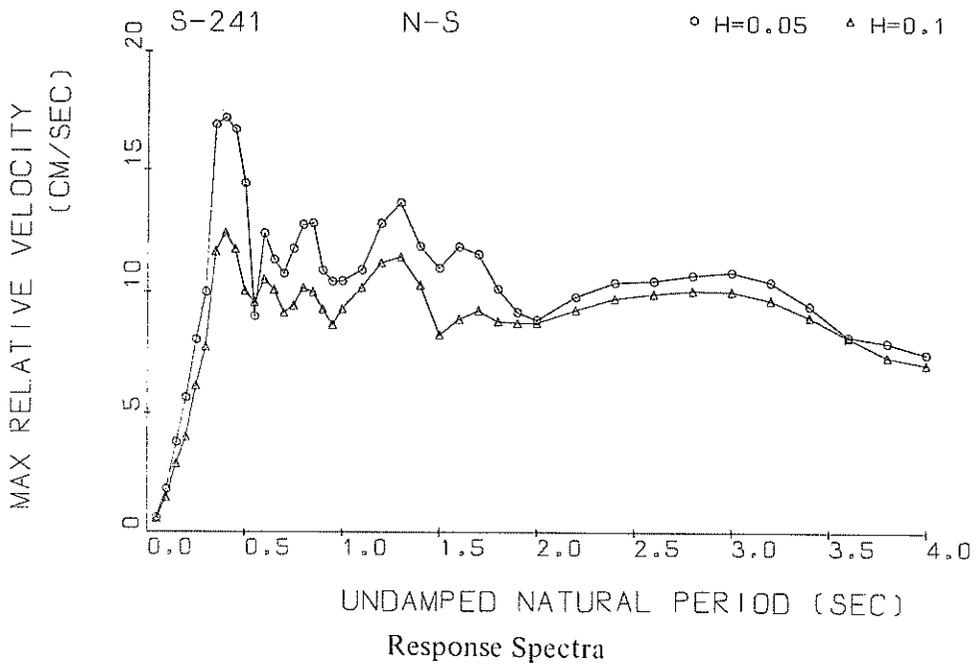
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 SIGNAL=GR.ACU,  
 SAMPLING INTERVAL= 0.010(SEC)

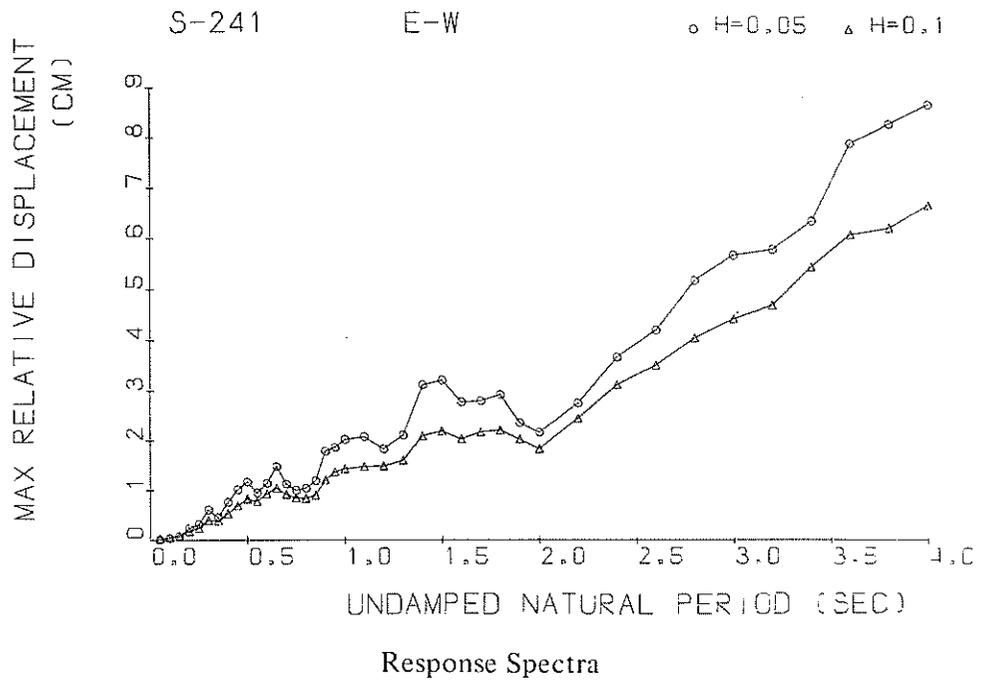
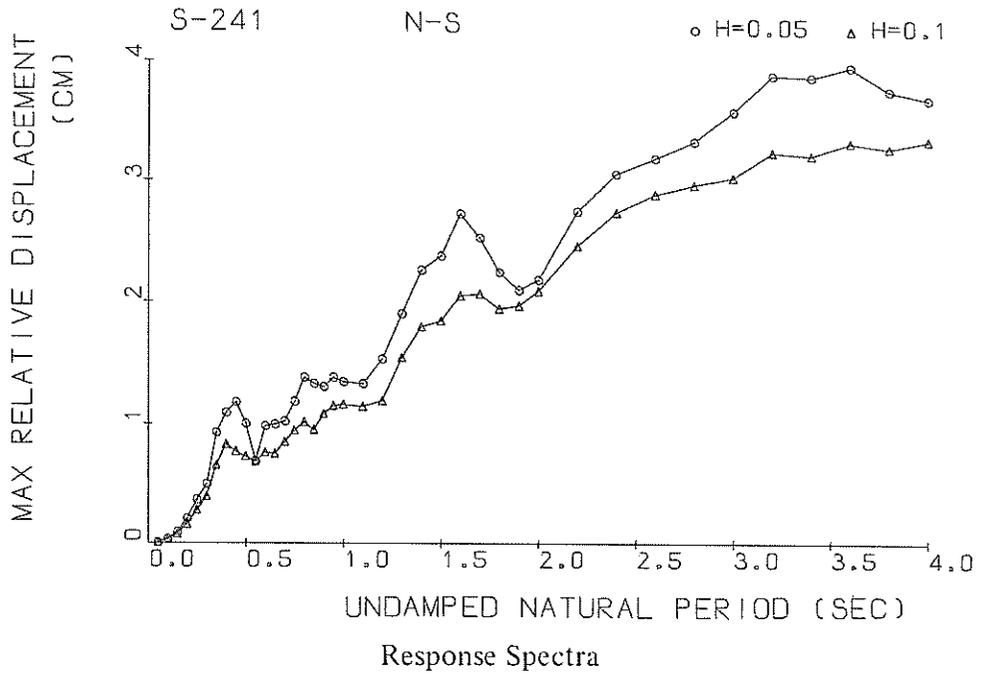
CORRECTION=ARC.ERR,  
 FORMAT NO.=301

STATION=MURORAN-S  
 TOTAL NUMBER OF DATA= 8550

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1	13.40	7.21	-2.00	7.86	0.	-3.20	1.20	1.40	1.30
2	13.50	8.11	0.	5.09	0.	-3.20	1.60	1.60	-2.70
3	13.50	8.91	0.	4.10	0.	-3.10	1.70	1.70	-2.50
4	13.52	9.72	0.	3.60	0.	-2.50	1.80	2.00	2.20
5	13.91	10.74	0.	2.40	0.	-2.50	1.80	2.10	2.60
6	14.13	11.30	0.	1.50	0.	-0.50	1.80	2.20	3.90
7	14.71	11.32	-0.00	1.50	0.	0.	1.80	2.70	0.50
8	15.03	11.90	-1.70	2.50	0.	0.	1.80	3.20	0.70
9	15.62	11.90	-3.70	3.20	0.	0.	1.85	3.80	5.70
10	15.91	12.01	-4.50	4.30	0.00	0.00	1.90	4.50	0.70
11	16.02	12.30	-4.70	5.40	-0.70	1.70	1.90	4.40	6.00
12	16.33	12.19	-4.70	5.90	-1.90	4.50	1.90	4.40	6.00
13	16.97	12.00	-4.70	6.50	-2.50	5.00	1.90	4.40	5.20
14	16.14	11.89	-4.50	6.40	-2.70	5.00	1.80	4.40	4.90
15	16.53	11.49	-3.70	6.40	-2.80	4.40	1.40	5.00	2.00
16	17.00	10.97	-0.00	6.69	-3.20	4.00	1.20	5.00	2.00
17	17.00	9.98	-2.10	5.59	-3.60	3.90	0.80	5.00	4.10
18	16.92	8.98	-1.70	4.20	-3.60	3.90	0.00	5.00	1.90
19	17.53	7.99	-0.80	3.00	-3.60	3.90	0.60	5.00	1.90
20	16.94	7.59	-0.40	1.00	-3.20	3.50	-1.70	5.00	4.30
21	16.05	6.79	0.00	-0.00	-2.80	3.50	-3.70	5.00	1.50
22	15.14	6.10	1.10	-0.20	-2.10	3.40	-4.50	5.00	1.50
23	15.98	6.10	0.30	-1.10	-1.80	2.00	-5.50	5.10	1.50
24	15.54	6.61	4.51	-1.70	-1.10	0.10	4.10	5.20	1.50
25	12.07	7.30	2.91	-1.90	-0.10	-0.50	-5.80	4.00	1.50
26	10.98	7.61	7.21	-1.90	0.00	-2.20	-5.80	3.80	3.10
27	10.37	8.50	7.71	-1.40	2.50	-2.20	-5.80	3.40	3.90
28	9.08	8.70	8.11	-1.10	4.20	-2.00	-5.40	2.50	3.90
29	7.99	8.70	8.51	-0.50	5.00	-1.90	-4.99	1.80	5.00
30	7.09	8.38	9.21	-0.10	5.70	-1.10	-3.99	0.60	5.20
31	6.59	7.20	9.60	0.00	5.90	-0.50	-1.90	-0.00	5.30
32	6.00	6.99	9.80	0.50	5.90	0.	-0.60	5.70	5.91
33	5.59	5.79	9.60	1.60	5.90	0.00	0.00	-0.70	6.80
34	5.00	4.20	9.80	2.50	5.80	0.80	0.70	-1.50	6.20
35	0.80	3.00	9.80	3.40	5.40	1.90	1.70	-1.90	7.10
36	-0.10	2.00	9.80	4.40	4.60	2.70	1.70	-3.10	7.20
37	-0.70	0.60	9.80	5.30	3.60	3.60	1.70	-3.40	6.80
38	-0.70	-0.00	9.80	5.50	3.30	4.20	1.50	-3.40	6.80
39	-0.70	-0.70	9.81	5.40	2.00	4.50	0.60	-3.10	6.39
40	-0.70	-1.70	10.40	4.60	1.30	5.40	-0.00	-2.70	4.80
41	-0.70	-1.90	10.40	3.80	0.50	5.50	-0.30	-2.50	4.30
42	-0.50	-2.50	10.40	3.10	0.	5.50	-1.30	-2.10	4.20
43	-0.50	-2.80	10.40	2.00	-0.00	5.50	-2.30	-1.80	4.20
44	-0.30	-3.20	10.40	0.80	-0.70	5.19	-2.70	-1.50	4.40
45	0.	-3.50	10.40	-0.00	-1.50	3.60	-3.10	-1.10	4.40
46	0.00	-3.50	10.40	-0.30	-2.20	2.00	-3.10	-0.20	4.40
47	0.70	-3.50	10.39	-0.70	-3.10	0.60	-3.10	0.	4.40
48	1.90	-3.50	10.10	-0.50	-3.10	0.60	-1.50	0.00	4.40
49	3.91	-3.50	9.88	0.	-3.20	0.60	-0.10	-2.50	4.40
50	5.71	-3.30	8.98	0.	-3.20	0.60	0.00	-2.60	4.40







RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-241 N-S 1968-05-16-19-69 1968-TOKACHI JKI  
 STATION = MURURAN-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 30.000(SEC) SKIPPED LENGTH = 15.000(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 95.07(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.176	111.81	74.22	0.595	0.0071
0.100	1.577	149.90	107.85	1.796	0.0379
0.150	1.767	167.98	155.56	3.767	0.0957
0.200	2.155	204.86	179.52	5.646	0.2066
0.250	2.450	232.96	197.03	8.040	0.3665
0.300	2.607	219.32	206.51	9.995	0.4990
0.350	3.159	300.34	297.67	16.917	0.9298
0.400	2.860	271.95	306.82	17.200	1.0932
0.450	2.440	232.00	276.99	16.700	1.1821
0.500	1.684	160.10	216.67	14.416	1.0064
0.550	0.957	91.03	131.47	9.006	0.6924
0.600	1.143	108.68	141.47	12.674	0.9852
0.650	0.987	96.82	144.04	11.601	0.9961
0.700	0.877	83.39	144.79	10.746	1.0257
0.750	0.884	84.02	116.24	11.764	1.1889
0.800	0.907	86.27	126.73	12.728	1.6881
0.850	0.774	73.57	137.42	12.792	1.6366
0.900	0.678	64.46	147.07	10.871	1.6112
0.950	0.647	61.48	149.38	10.423	1.6828
1.000	0.569	54.14	145.15	10.435	1.6544
1.100	0.465	44.25	137.85	10.890	1.6370
1.200	0.443	42.60	134.28	12.785	1.5355
1.300	0.470	44.68	118.23	13.639	1.9056
1.400	0.483	45.95	120.65	11.865	2.2644
1.500	0.442	41.99	117.78	10.987	2.6821
1.600	0.448	42.63	109.36	11.859	2.7332
1.700	0.366	34.76	100.34	11.547	2.5348
1.800	0.290	27.60	96.12	10.155	2.2506
1.900	0.245	23.25	88.25	9.191	2.1046
2.000	0.260	21.83	89.08	8.870	2.1888
2.200	0.239	22.72	91.85	9.816	2.7554
2.400	0.224	21.29	91.84	10.391	3.0680
2.600	0.200	19.01	91.24	10.471	3.2025
2.800	0.180	17.15	91.09	10.694	3.6478
3.000	0.167	15.90	91.54	10.820	3.5990
3.200	0.160	15.21	92.64	10.420	3.9045
3.400	0.142	13.49	96.21	9.452	3.8914
3.600	0.130	12.33	96.98	8.187	3.9765
3.800	0.111	10.58	94.53	7.941	3.7775
4.000	0.099	9.44	94.87	7.465	3.7076

RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

RECORD = S-241 N-S 1958-05-16-19-09 1968-FOKACHI OKI  
 STATION = MURURAN-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 30.000(SEC) SKIPPED LENGTH = 15.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC. = 92.07(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.132	107.04	64.79	0.552	0.0068
0.100	1.283	121.94	81.45	1.446	0.0306
0.150	1.433	135.91	112.88	2.855	0.0769
0.200	1.643	156.22	154.93	3.990	0.1564
0.250	1.863	177.09	148.27	6.168	0.2774
0.300	1.860	174.03	137.56	7.745	0.3890
0.350	2.248	216.08	220.30	11.656	0.6502
0.400	2.195	208.65	236.39	12.415	0.8269
0.450	1.615	153.57	189.20	11.759	0.7673
0.500	1.239	117.80	150.47	10.060	0.7261
0.550	0.962	91.47	130.03	9.597	0.6816
0.600	0.901	85.65	124.38	10.525	0.7607
0.650	0.758	72.04	122.54	10.096	0.7522
0.700	0.735	69.85	119.22	9.170	0.8494
0.750	0.712	67.69	114.22	9.405	0.9476
0.800	0.677	64.35	119.87	10.194	1.0168
0.850	0.566	53.83	127.57	10.619	0.9507
0.900	0.576	54.31	160.21	9.319	1.0817
0.950	0.552	52.46	162.08	8.696	1.1455
1.000	0.505	48.13	134.58	9.009	1.1604
1.100	0.418	39.72	130.26	10.199	1.1446
1.200	0.343	33.12	124.91	11.208	1.1917
1.300	0.384	36.55	110.60	11.462	1.5405
1.400	0.397	37.11	107.72	10.321	1.7951
1.500	0.355	33.66	107.11	8.294	1.8437
1.600	0.352	33.47	104.58	8.946	2.0510
1.700	0.313	29.76	93.91	9.289	2.0669
1.800	0.259	24.64	90.81	8.802	1.9428
1.900	0.232	22.04	89.94	8.769	1.9672
2.000	0.224	21.26	80.32	8.761	2.0875
2.200	0.222	20.90	90.49	9.284	2.4579
2.400	0.207	19.07	90.98	9.750	2.7371
2.600	0.187	17.31	93.90	9.951	2.8909
2.800	0.163	15.95	90.97	10.079	2.9702
3.000	0.145	13.02	91.04	10.051	3.0605
3.200	0.137	13.36	91.93	9.701	3.2510
3.400	0.126	11.57	92.58	9.022	3.2265
3.600	0.114	10.67	90.17	8.161	3.3372
3.800	0.102	9.73	90.60	7.649	3.2900
4.000	0.092	8.78	90.94	7.044	3.6553

RESPONSE SPECTRUM (BY PROG. ERS-SE\*1)

RECORD = S-241      E-W      1968-05-16-19-59      1968-TOKACHI OKI  
 STATION = MURURAN-S      INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ARC.ERR.  
 TIME LENGTH = 30.000(SEC)      SKIPPED LENGTH = 15.000(SEC)  
 DAMPING COEFFICIENT = 0.050      MAX.GROUND ACC.= 75.65(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.174	88.45	41.58	0.390	0.0056
0.100	1.087	127.12	82.64	1.450	0.0322
0.150	1.706	128.56	90.99	2.459	0.0736
0.200	2.957	222.78	192.13	6.552	0.2260
0.250	2.593	195.35	188.57	7.676	0.3100
0.300	3.518	265.06	241.04	11.935	0.6039
0.350	1.934	145.69	157.32	8.399	0.4502
0.400	2.490	187.63	181.24	11.033	0.7577
0.450	2.607	196.46	215.71	14.295	1.0022
0.500	2.438	183.70	219.34	14.428	1.1556
0.550	1.069	123.51	170.60	12.420	0.9416
0.600	1.067	125.57	143.51	12.785	1.1386
0.650	1.036	138.35	161.99	14.417	1.4722
0.700	1.198	90.29	125.13	10.888	1.1148
0.750	0.929	70.02	101.29	9.405	0.9913
0.800	0.850	64.01	89.99	9.643	1.0327
0.850	0.865	65.21	97.19	10.260	1.1852
0.900	1.153	86.88	112.05	11.860	1.7731
0.950	1.084	81.68	105.65	12.546	1.8551
1.000	1.060	79.66	104.13	13.502	2.0124
1.100	0.903	68.02	107.43	12.804	2.0715
1.200	0.667	50.27	90.81	10.282	1.8258
1.300	0.655	49.33	96.96	12.462	2.1005
1.400	0.834	62.84	100.63	17.791	3.1070
1.500	0.750	56.51	87.12	12.247	3.1959
1.600	0.569	42.86	82.13	10.573	2.7644
1.700	0.509	38.32	82.49	11.674	2.7876
1.800	0.474	35.70	82.99	12.126	2.9128
1.900	0.344	25.92	83.90	11.045	2.3520
2.000	0.283	21.31	85.03	8.964	2.1484
2.200	0.299	22.51	86.97	8.872	2.7398
2.400	0.334	25.18	87.52	7.447	3.6455
2.600	0.327	24.66	86.69	9.117	4.1802
2.800	0.346	26.09	85.09	11.348	5.1621
3.000	0.331	24.98	86.31	10.809	5.3576
3.200	0.296	22.28	81.70	9.016	5.7609
3.400	0.283	21.70	80.42	8.594	6.3139
3.600	0.321	24.17	79.49	11.580	7.8656
3.800	0.302	22.72	78.89	13.064	8.2600
4.000	0.284	21.43	78.55	11.110	8.0512

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

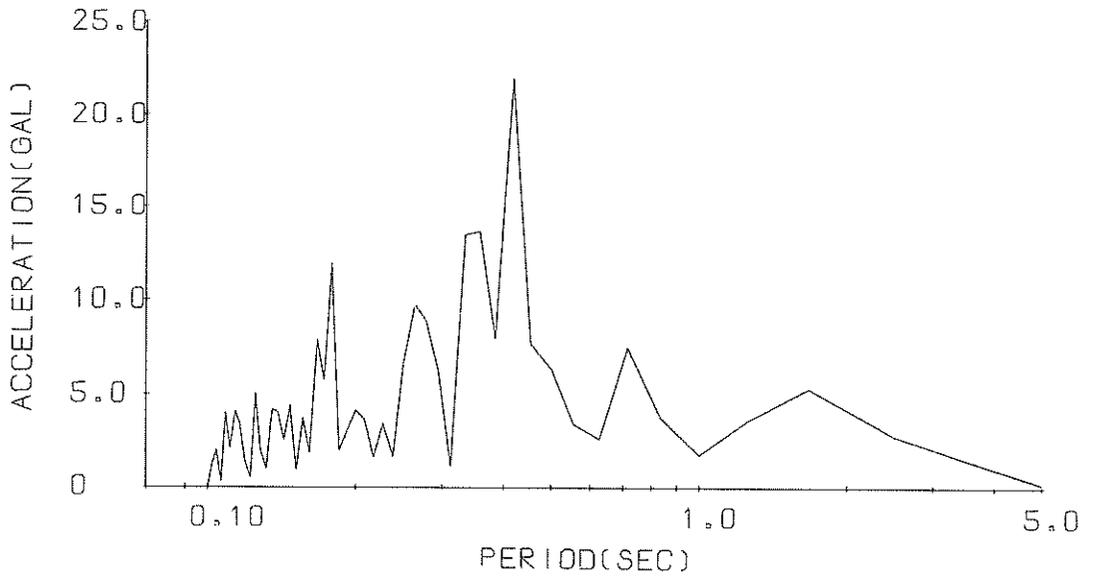
RECORD = S-241 E-W 1968-05-16-19-09 1968-TOKACHI OKI  
 STATION = MUKURAN-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 30.000(SEC) SKIPPED LENGTH = 15.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 75.65(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.111	83.71	66.57	0.566	0.0056
0.100	1.493	112.47	67.69	1.194	0.0280
0.150	1.467	110.53	70.10	1.905	0.0629
0.200	2.133	160.74	161.26	4.771	0.1606
0.250	1.877	141.45	150.04	5.150	0.2206
0.300	2.232	168.15	178.46	7.401	0.3772
0.350	1.026	122.26	161.48	6.604	0.5718
0.400	1.740	131.11	146.14	7.704	0.5205
0.450	1.767	133.18	146.73	10.632	0.6708
0.500	1.746	131.55	161.91	10.398	0.8149
0.550	1.351	101.81	141.67	9.694	0.7654
0.600	1.363	102.73	122.63	10.366	0.9177
0.650	1.317	99.23	115.77	10.268	1.0380
0.700	1.005	75.73	102.14	8.863	0.9149
0.750	0.814	61.31	80.78	8.509	0.8487
0.800	0.706	53.20	84.27	8.550	0.8379
0.850	0.668	50.36	86.45	8.217	0.8970
0.900	0.791	59.62	86.62	8.358	1.1956
0.950	0.816	61.50	84.34	9.407	1.3706
1.000	0.770	58.04	82.76	10.427	1.4320
1.100	0.655	49.33	89.87	9.963	1.4771
1.200	0.557	41.99	82.81	9.616	1.4831
1.300	0.507	38.21	85.92	11.199	1.6016
1.400	0.569	42.84	82.99	12.550	2.0896
1.500	0.527	39.68	77.67	10.339	2.1937
1.600	0.425	32.03	79.15	9.136	2.0323
1.700	0.405	30.53	80.06	9.329	2.1693
1.800	0.365	27.48	80.87	9.701	2.2052
1.900	0.301	22.68	81.76	9.507	2.0222
2.000	0.246	18.51	82.70	8.835	1.8202
2.200	0.272	20.52	84.25	8.238	2.4421
2.400	0.292	22.03	84.84	7.615	3.1150
2.600	0.282	21.22	84.46	7.948	3.4998
2.800	0.273	20.59	83.47	9.123	4.0333
3.000	0.261	19.63	82.26	8.792	4.4118
3.200	0.242	18.24	81.10	7.508	4.6924
3.400	0.252	18.96	80.12	7.641	5.4354
3.600	0.253	19.06	79.37	9.149	6.0602
3.800	0.230	17.33	78.85	9.811	6.1877
4.000	0.222	16.73	78.53	9.160	6.6466

S-241 N-S

TSK=19.00

TUS=5.00

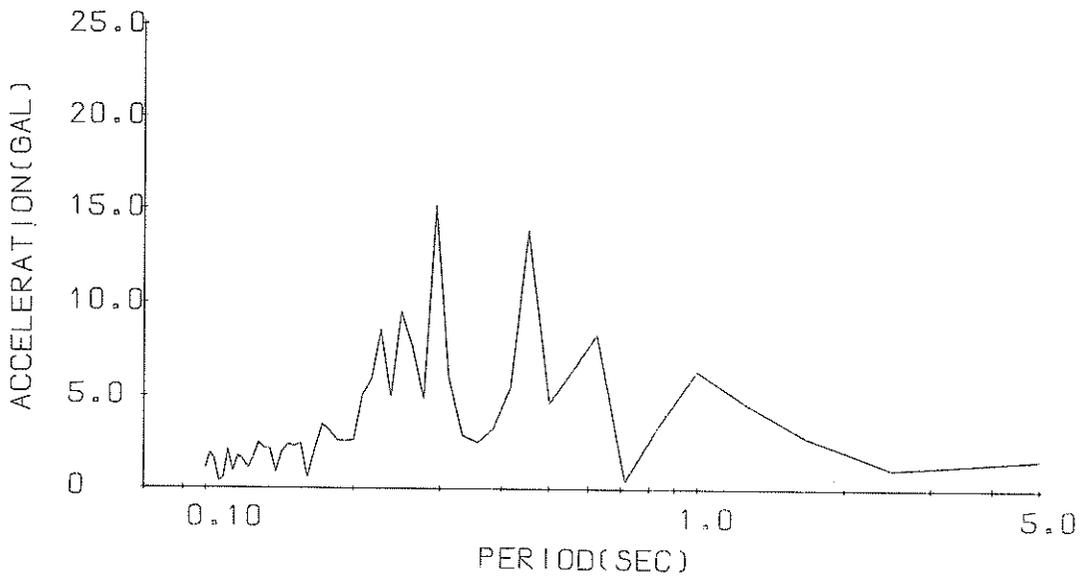


Fourier Spectrum

S-241 E-W

TSK=17.50

TUS=5.00



Fourier Spectrum

FOURIER ANALYSIS

RECORD=S-2\*1 COMPONENT=N-S SIGNAL=GR.ACC. STATION=MURORAN-S  
 DATE AND TIME=1968-05-16-19-39 EARTHQUAKE=1968-TOKACHI OKI CURVECTION=APU.ERR.  
 TOTAL NUMBER OF DATA= 8450 DATA USED = 501 TIME LENGTH = 2.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1900 SAMPLING INTERVAL= 0.0100(SEC)

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQD.	AM	BM	CM
1	5.0000	0.2000	0.7505001E-001	-0.1653226E 000	0.1797431E 000
2	2.5000	0.4000	0.1757642E 001	0.2141542E 001	0.2770473E 001
3	1.6667	0.6000	0.4665916E 001	-0.2275812E 001	0.5528724E 001
4	1.2500	0.8000	0.2625729E 001	-0.2625729E 001	0.3603119E 001
5	1.0000	1.0000	0.1688264E 001	-0.5462821E 000	0.1744446E 001
6	0.8333	1.2000	0.2160692E 001	0.3112352E 001	0.3792276E 001
7	0.7143	1.4000	-0.7418696E 001	0.1153428E 001	0.7507823E 001
8	0.6250	0.7999500E 000	0.7999500E 000	-0.2205879E 001	0.2631414E 001
9	0.5556	1.8000	0.2499088E 001	-0.1082651E 001	0.5431724E 001
10	0.5000	2.0000	-0.2868226E 001	0.2655638E 001	0.6342260E 001
11	0.4545	2.2000	0.3026431E 000	0.7673181E 001	0.7684131E 001
12	0.4167	2.4000	-0.9325306E 001	-0.1987668E 002	0.2197361E 002
13	0.3846	2.6000	-0.2139858E 001	-0.7684670E 001	0.7977039E 001
14	0.3571	2.8000	0.3366225E 001	0.1322330E 002	0.1364431E 002
15	0.3333	3.0000	0.1726891E 001	0.1331437E 002	0.1342570E 002
16	0.3125	3.2000	0.3691649E 000	0.1105488E 001	0.1166447E 001
17	0.2941	3.4000	0.2804901E 001	0.2083392E 001	0.6275145E 001
18	0.2778	3.6000	0.2841822E 001	0.6737909E 001	0.8917752E 001
19	0.2632	3.8000	-0.9725621E 001	0.111614E 001	0.9789625E 001
20	0.2500	4.0000	-0.2946220E 001	0.2995926E 001	0.6658310E 001
21	0.2381	4.2000	0.1522779E 001	-0.7681240E 001	0.1714659E 001
22	0.2273	4.4000	0.8552621E 000	0.3343312E 001	0.3446070E 001
23	0.2174	4.6000	0.1622588E 001	-0.3074182E 000	0.1651546E 001
24	0.2083	4.8000	0.2450921E 001	0.2707320E 001	0.3651930E 001
25	0.2000	5.0000	0.2479029E 001	0.3381498E 001	0.4192865E 001
26	0.1923	5.2000	0.3099191E 001	-0.3731897E 000	0.5121579E 001
27	0.1852	5.4000	-0.1234981E 000	-0.2027231E 001	0.2033034E 001
28	0.1786	5.6000	-0.1190227E 002	-0.9292272E-001	0.1190266E 002
29	0.1724	5.8000	0.1625760E 001	0.3207322E 001	0.5742267E 001
30	0.1667	6.0000	-0.7258880E 001	-0.3062106E 001	0.7878314E 001

FOURIER ANALYSIS

RECORD=S-241 COMPONENT=N-S SIGNAL=SR.ACC. STATION=MURORAN-S  
 DATE AND TIME=1968-05-16-19-39 EARTHQUAKE=1968-TOKACHI 041 SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 8450 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1900

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQ(U)	AM	BM	CM
31	0.1613	6.2000	0.1691049E 001	-0.1295274E 001	0.1899362E 001
32	0.1562	6.4000	0.3064890E 001	0.2142170E 001	0.3739299E 001
33	0.1515	6.6000	-0.9897017E 000	0.9925008E-001	0.9946938E 000
34	0.1471	6.8000	-0.2142941E 001	0.6822406E 001	0.4412579E 001
35	0.1429	7.0000	-0.2226570E 001	-0.4707690E 000	0.2267105E 001
36	0.1389	7.2000	0.3642202E 001	0.1613524E 001	0.4067389E 001
37	0.1351	7.4000	-0.4168244E 001	-0.2374692E 000	0.4205047E 001
38	0.1316	7.6000	-0.9727869E 000	0.3268516E 000	0.1037965E 001
39	0.1282	7.8000	-0.1261619E 001	-0.1291849E 001	0.2026699E 001
40	0.1250	8.0000	0.4804882E 001	0.1224981E 001	0.5041080E 001
41	0.1220	8.2000	-0.3992104E 000	-0.3712818E 000	0.5451781E 000
42	0.1190	8.4000	-0.2042786E 000	-0.1663384E 001	0.1436658E 001
43	0.1162	8.6000	0.4016799E 000	0.3662240E 001	0.3408987E 001
44	0.1136	8.8000	-0.3140818E 001	0.2723240E 001	0.4157015E 001
45	0.1111	9.0000	-0.9474316E 000	0.1911724E 001	0.2136615E 001
46	0.1087	9.2000	-0.9669192E 000	0.3912871E 001	0.4025655E 001
47	0.1064	9.4000	0.2264669E 000	-0.2271666E 000	0.3207460E 000
48	0.1042	9.6000	-0.3701668E 000	-0.2002807E 001	0.2039678E 001
49	0.1020	9.8000	0.2269908E 000	0.1202747E 001	0.1614663E 001
50	0.1000	10.0000	0.3178247E-001	-0.1465193E-001	0.3200139E-001

FOURIER ANALYSIS

RECORD# = S-241 COMPONENT# = W SIGNAL = GR.ACC. STATION = MURORAN-S  
 DATE AND TIME = 1968-05-16-19-39 EARTHQUAKE = 1968-TOKACHI OKI CORRECTION = ARC.ERR. SAMPLING INTERVAL = 0.0100(SEC)  
 TOTAL NUMBER OF DATA = 8550 DATA USED = 501 TIME LENGTH = 5.003(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1750

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM = (AM\*\*2 + BM\*\*2)\*\*0.5

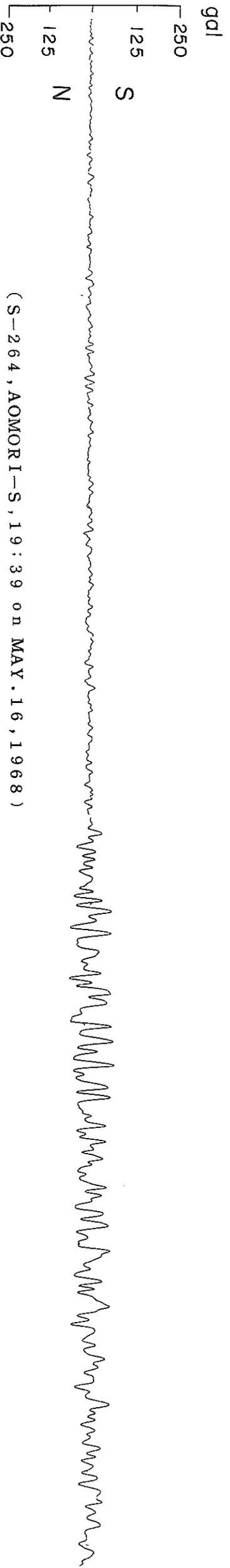
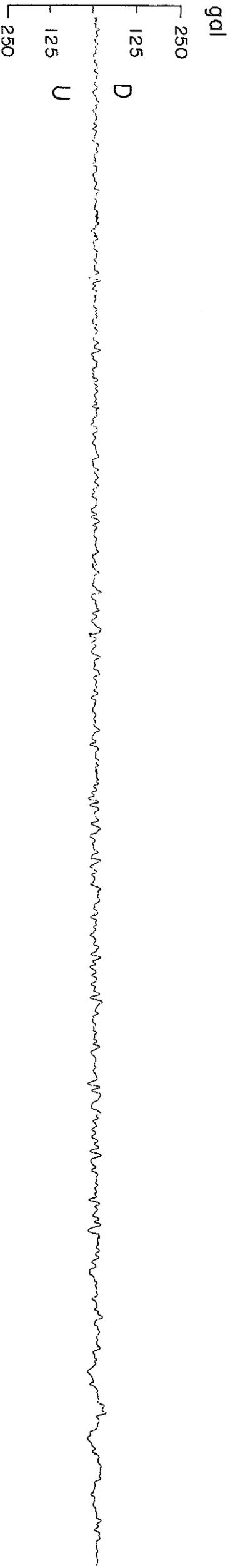
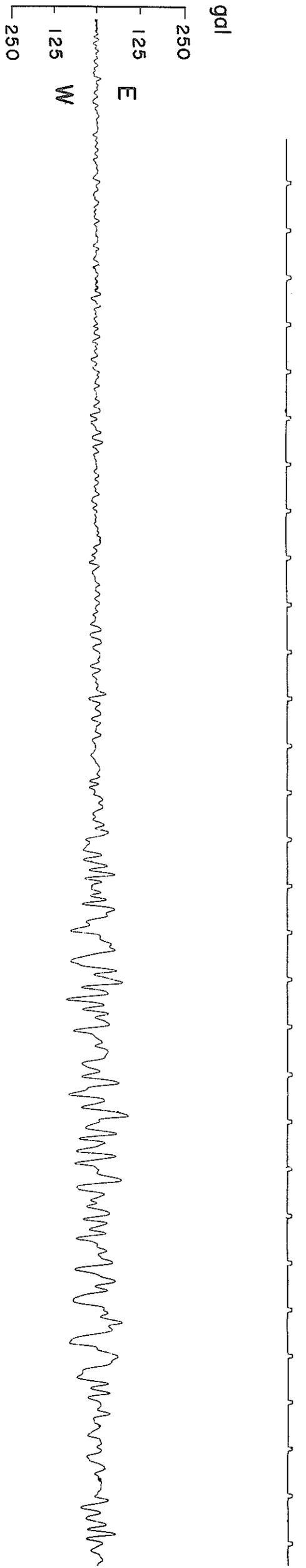
M	PERIOD	FREQ.	AM	BM	CM
1	5.0000	0.2000	0.4996777E-001	-0.1615529E 001	0.1616301E 001
2	2.5000	0.4000	-0.8956076E 000	0.6991986E 000	0.1104963E 001
3	1.6667	0.6000	0.2212077E 001	0.1715904E 001	0.2798348E 001
4	1.2500	0.8000	-0.4605098E 001	0.7484866E 000	0.4663555E 001
5	1.0000	1.0000	-0.6286509E 001	-0.1142500E 001	0.6889495E 001
6	0.8333	1.2000	0.1625556E 001	0.3013962E 001	0.3420767E 001
7	0.7143	1.4000	-0.4605661E 000	0.2989210E-002	0.4603703E 000
8	0.6250	1.6000	0.1367586E 001	0.8409606E 001	0.8656945E 001
9	0.5556	1.8000	-0.1765988E 001	0.6071650E 001	0.6614661E 001
10	0.5000	2.0000	-0.4649008E 001	0.2981420E 000	0.4658558E 001
11	0.4545	2.2000	0.723459E 001	-0.1164099E 002	0.1687038E 002
12	0.4167	2.4000	-0.7788665E-001	0.5211720E 001	0.5512270E 001
13	0.3846	2.6000	0.1316627E 001	0.2982145E 001	0.3259862E 001
14	0.3571	2.8000	-0.2481460E 001	0.5451685E 000	0.2540605E 001
15	0.3333	3.0000	0.2204701E 001	0.1474781E 001	0.2906662E 001
16	0.3125	3.2000	-0.4615661E 001	-0.3943596E 001	0.6073828E 001
17	0.2941	3.4000	0.1441595E 002	0.4629964E 001	0.1514121E 002
18	0.2778	3.6000	-0.7097561E 001	0.2964452E 001	0.4882057E 001
19	0.2632	3.8000	0.9406040E 001	-0.2964452E 001	0.7680275E 001
20	0.2500	4.0000	0.9406040E 001	-0.1697862E 001	0.9560369E 001
21	0.2381	4.2000	0.4116368E 001	-0.2859990E 001	0.5012363E 001
22	0.2273	4.4000	-0.6736285E 001	0.5005654E 001	0.8273068E 001
23	0.2174	4.6000	-0.2866580E 000	0.5917398E 001	0.5926191E 001
24	0.2083	4.8000	-0.3641570E 001	0.3225602E 001	0.5069315E 001
25	0.2000	5.0000	0.2136825E 000	0.2624040E 001	0.2632702E 001
26	0.1923	5.2000	-0.1907104E 001	0.1753790E 001	0.2590912E 001
27	0.1852	5.4000	-0.1861202E 001	-0.1922180E 001	0.2654822E 001
28	0.1786	5.6000	0.1944946E 001	-0.2247694E 001	0.3203268E 001
29	0.1724	5.8000	-0.2284036E 000	-0.3483449E 001	0.6498007E 001
30	0.1667	6.0000	0.1159721E 001	0.1243059E 001	0.2136440E 001

FOURIER ANALYSIS

REQURU=S-241      COMPONENT=E-W      SIGNAL=GR.ACC.      STATION=MURORAN-S  
 DATE AND TIME=1968-05-16-19-39      EARTHQUAKE=1968-TOKACHI OKI      CORRECTION=APC.ERR.      SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 6550      DATA USED = 501      TIME LENGTH = 5.000(SEC)      MMIN = 1      MMAX = 50  
 DATA SKIPPED = 1750

NOTE    AM IS AMPLITUDE OF COS(WMT).  
          EM IS AMPLITUDE OF SIN(WMT).  
          CM=(AM\*\*2+EM\*\*2)\*\*0.5

M	PERIOD	FRQU.	AM	EM	CM
31	0.1615	6.2000	0.4268694E 000	0.4340049E 000	0.6066511E 000
32	0.1562	6.4000	0.2458260E 001	-0.2730786E 000	0.2453524E 001
33	0.1515	6.6000	-0.1926761E 001	-0.1298261E 001	0.2626320E 001
34	0.1471	6.8000	0.127225E 001	-0.2059860E 001	0.2428701E 001
35	0.1429	7.0000	0.1586267E 001	0.1172612E 001	0.1970192E 001
36	0.1389	7.2000	-0.1264722E 000	-0.8643184E 000	0.8933164E 000
37	0.1351	7.4000	0.1262566E 001	-0.1812294E 001	0.2177362E 001
38	0.1316	7.6000	-0.1640292E 001	-0.1443680E 001	0.2184927E 001
39	0.1282	7.8000	0.3829944E 000	-0.2455865E 001	0.2486512E 001
40	0.1250	8.0000	0.1685706E 001	-0.2981556E-001	0.1685970E 001
41	0.1220	8.2000	-0.4224142E 000	-0.1007042E 001	0.1092047E 001
42	0.1190	8.4000	0.8126945E 000	-0.1602172E 001	0.1537513E 001
43	0.1163	8.6000	0.9781125E 000	-0.1428794E 001	0.1731520E 001
44	0.1136	8.8000	0.8243624E 000	0.4099582E 000	0.9206733E 000
45	0.1111	9.0000	0.1222638E 001	0.1425456E 001	0.2087938E 001
46	0.1087	9.2000	-0.4952665E 000	-0.1459942E 000	0.5166095E 000
47	0.1064	9.4000	0.2542462E 000	-0.297591E 000	0.5913854E 000
48	0.1042	9.6000	-0.1597718E 001	0.7701670E-002	0.1597737E 001
49	0.1020	9.8000	-0.1849648E 001	-0.4063620E 000	0.1893760E 001
50	0.1000	10.0000	-0.11097866E 001	0.11115942E 000	0.1106459E 001



( S-264, AOMORI-S, 19:39 on MAY.16, 1968 )



Handwritten wavy line

Handwritten wavy line

Handwritten wavy line

Handwritten wavy line

RECORD=S-264 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=AOMORI.S  
 DATE AND TIME=1968-05-16-19-39 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=801 TOTAL NUMBER OF DATA= 8950

NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	0.	-1.20	-0.69	-1.90	0.20	0.20	-3.00	8.49	-4.00	0.
2	0.	0.00	-1.90	0.00	1.40	0.70	-4.51	7.78	-2.60	0.
3	0.	2.20	-1.80	1.10	1.80	0.70	-6.11	5.99	-2.60	-0.00
4	0.	3.00	0.00	1.60	1.80	0.80	-7.90	4.19	-2.60	-1.20
5	0.	3.90	1.90	2.50	1.80	0.70	-7.90	2.40	-1.60	-1.70
6	0.	4.50	1.90	3.20	1.80	0.00	-7.88	1.40	-1.50	-1.80
7	0.	4.20	1.90	2.70	1.80	-0.00	-6.47	0.50	-0.70	-2.10
8	0.	3.39	-0.00	1.40	1.80	-1.20	-3.69	-0.60	-0.70	-2.10
9	0.00	0.40	-1.90	3.60	0.70	-1.80	0.00	-3.30	-0.70	-1.50
10	1.70	-2.60	-1.90	-4.11	0.70	-2.00	3.20	-4.30	-2.10	0.00
11	1.90	-3.60	-1.90	-5.50	0.70	-2.10	3.20	-5.51	-2.10	0.00
12	1.90	-4.10	0.	-5.49	0.70	-2.00	3.20	-6.31	-2.10	1.90
13	0.	-4.60	0.	-3.89	0.50	-0.70	3.30	-7.00	-2.10	2.70
14	0.	-4.60	0.	1.70	-0.00	0.00	3.30	-7.00	-2.10	2.70
15	0.	-4.60	0.	0.50	-1.00	1.00	3.30	-6.67	-0.50	2.70
16	0.00	-4.28	0.	-0.30	-1.90	1.00	3.20	-3.89	0.	3.50
17	1.90	0.00	0.	-0.50	-1.90	1.50	2.50	0.00	0.	3.40
18	5.40	2.20	0.	-0.30	-1.90	3.70	0.40	1.40	0.	3.90
19	5.79	3.40	0.	-0.50	-1.90	3.70	-1.20	1.40	-0.00	3.90
20	1.80	4.60	0.	0.20	-0.40	3.90	-1.90	0.	-0.30	3.90
21	-0.00	5.10	-0.00	0.20	0.10	3.90	0.	0.	-1.00	2.40
22	-0.20	4.49	-0.70	0.40	0.80	2.70	-2.70	0.	-1.00	0.50
23	0.00	1.90	-0.10	0.40	0.80	1.50	-2.70	0.00	-1.00	0.50
24	1.10	2.00	-0.10	-0.70	1.00	-0.10	-2.70	1.80	-0.80	-3.90
25	1.90	0.20	-0.10	2.00	1.40	-1.80	-1.80	2.30	-1.00	-5.40
26	2.20	-1.80	0.40	-3.60	1.50	-3.80	-1.60	2.40	-0.80	-6.19
27	1.00	-1.90	1.60	-4.20	1.50	-3.70	0.00	2.40	-0.80	-5.49
28	-1.60	-1.90	1.80	-4.70	0.60	-3.60	1.10	2.40	-1.00	-3.90
29	-1.90	-1.90	2.70	-4.70	-0.30	-3.70	1.20	3.70	-1.70	-3.50
30	-1.90	-1.90	2.20	-3.69	-1.90	-1.90	1.20	3.70	-2.10	-3.50
31	-0.10	-1.80	2.60	-1.90	-1.90	-0.60	1.20	2.60	-2.10	-3.50
32	0.	-1.50	4.99	-1.00	-1.90	0.	0.50	2.60	-1.30	-3.50
33	0.	-1.00	3.70	-1.00	-1.90	0.	-0.60	1.50	2.50	-4.50
34	0.	0.00	2.10	-1.00	-1.90	0.	-0.60	1.00	4.01	-4.40
35	0.	1.30	0.70	-1.00	-1.90	-0.80	-3.70	0.50	5.91	-4.40
36	0.	1.90	-0.70	0.70	-0.20	-0.80	-3.70	0.10	7.10	-4.40
37	-0.00	3.00	-1.20	1.70	-0.20	-2.60	-4.40	0.	7.09	-3.50
38	-0.40	3.20	-0.50	1.70	-0.50	-4.40	-4.40	0.00	6.59	-2.50
39	-1.60	3.20	0.20	1.70	-1.80	-3.40	-4.40	0.10	5.09	-0.30
40	-1.90	3.20	0.20	1.70	-1.80	-3.40	-4.40	0.10	3.79	-0.20
41	-1.80	1.70	0.20	1.70	-1.90	-4.40	-4.40	0.10	1.60	0.00
42	-1.90	-1.20	0.	1.70	-2.00	-0.10	-4.40	0.10	-1.00	0.20
43	-0.20	-1.90	0.	1.00	-1.90	-0.10	-4.40	-0.00	-1.00	0.20
44	0.20	-1.90	0.	0.20	-2.00	0.10	-4.40	-0.20	-1.00	0.20
45	1.20	-1.90	-0.00	-0.10	-2.00	0.10	-4.39	-2.20	-1.00	0.20
46	1.50	-1.90	-1.10	0.10	-2.00	0.10	-1.90	-3.70	-0.80	0.10
47	1.50	-1.90	-1.80	-0.20	-1.90	0.10	0.10	-5.31	-0.80	-1.50
48	0.50	-3.10	-1.80	-0.10	-1.90	0.10	3.31	-6.40	-1.50	-4.61
49	-0.40	-3.90	-1.80	-0.20	-1.90	0.10	6.41	-6.70	-1.60	-0.11
50	-1.10	-3.90	-1.90	0.20	-1.00	-1.00	8.60	-6.59	-1.50	-7.91
								-5.89	-0.80	-8.08

NO.	( 500)	( 550)	( 600)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	-6.58	3.70	2.10	-3.90	-3.89	3.90	4.61	0.60	-2.99	-5.20
2	-3.88	4.60	2.00	-3.90	0.80	4.50	5.91	2.50	-0.80	-5.20
3	2.10	4.60	0.60	-3.90	2.80	5.00	7.11	2.50	0.00	-4.49
4	2.10	5.20	-0.00	-3.90	5.54	5.20	7.89	3.30	0.50	-1.60
5	2.10	5.20	-1.10	-3.90	7.82	3.40	6.78	3.40	1.30	1.40
6	2.10	5.19	-1.90	-3.90	9.00	4.40	4.49	3.20	2.00	1.40
7	2.10	4.20	-2.10	-3.89	8.98	3.60	1.90	2.20	2.50	1.40
8	2.10	3.10	-2.10	-0.60	7.77	2.80	-0.00	-0.60	2.30	1.20
9	2.10	2.60	0.00	1.00	5.05	2.00	-2.80	-1.70	2.30	-1.30
10	2.10	1.50	0.20	2.50	4.54	1.10	-5.30	-3.30	2.30	-1.90
11	2.10	0.00	0.10	2.40	-6.12	1.10	-5.70	-3.50	1.90	-3.00
12	1.90	3.91	0.10	2.30	-8.72	1.20	-5.70	-3.50	1.10	-3.00
13	-0.00	-6.41	0.20	2.30	-10.20	1.90	-5.69	-3.50	0.120	-3.00
14	-0.70	-8.12	0.20	2.40	-10.20	2.60	-4.40	-3.50	0.0	-3.10
15	-1.30	-9.81	0.20	4.10	-10.16	3.40	-3.60	-1.60	0.	-3.10
16	-1.30	-10.10	1.20	4.51	-8.45	4.43	-3.10	-0.10	0.00	-3.10
17	-1.40	-10.10	1.20	5.80	-5.07	10.53	-3.10	0.00	0.00	-3.10
18	-1.40	-9.98	1.20	5.90	-0.50	11.70	-2.20	2.00	1.40	-3.90
19	-0.20	-4.59	1.20	5.90	3.51	11.80	-1.30	3.91	1.90	-3.90
20	0.	-1.90	1.20	5.89	6.73	11.65	-0.70	5.61	2.50	-3.00
21	0.	2.70	-0.00	3.94	9.30	9.85	-0.60	7.50	3.30	-2.40
22	-0.00	4.41	-2.31	2.00	9.20	7.47	-1.10	7.89	3.40	-2.40
23	-0.70	6.61	-7.02	1.90	9.16	4.59	-1.70	6.99	3.30	-1.80
24	-0.70	7.81	-8.51	1.90	8.96	1.89	-2.50	5.79	3.39	-1.30
25	-0.70	7.81	-8.51	1.90	8.96	1.89	-2.50	5.79	3.39	-1.30
26	-0.70	8.51	-9.70	0.00	3.58	-8.82	-3.50	4.20	-0.00	-0.60
27	0.00	9.00	-9.76	0.50	-6.10	-10.84	-4.30	3.90	-0.30	-0.60
28	0.20	9.20	-7.89	0.40	-6.20	-12.20	-5.00	3.30	-1.10	-0.60
29	0.20	9.30	-6.99	1.10	-6.18	-12.06	-4.70	3.50	-1.10	-0.60
30	0.20	9.30	-6.99	1.10	-6.18	-12.06	-4.69	3.20	-1.10	-0.60
31	0.20	9.17	-6.10	0.10	-3.59	-10.65	-3.59	2.40	-1.10	-0.60
32	0.30	7.78	-6.10	0.60	-1.30	-8.57	0.30	1.90	-1.10	-1.90
33	0.30	6.38	-6.09	1.50	-1.10	-6.42	3.40	1.70	-1.30	-2.40
34	0.30	3.90	-4.49	1.60	-1.10	2.00	5.11	1.20	-1.90	-3.10
35	0.	3.49	-2.20	1.30	-1.10	4.21	6.62	1.90	-3.60	-3.20
36	0.	1.50	-1.00	1.30	-1.10	6.22	8.60	2.40	-3.90	-3.19
37	0.	-3.10	-1.00	1.20	-1.10	8.84	8.37	3.50	-3.90	0.00
38	0.	-1.90	-1.10	1.60	-2.40	11.30	6.39	3.70	-3.10	0.40
39	0.	1.90	-1.10	1.60	-2.40	11.25	5.57	3.90	-1.80	1.90
40	0.	1.90	-1.10	1.60	-2.40	9.66	1.60	4.31	-1.70	2.20
41	-0.00	1.10	1.30	1.60	-2.40	7.17	-1.90	5.61	-2.40	2.30
42	-1.00	0.00	1.40	0.50	-2.30	4.46	-2.20	6.61	-2.50	2.20
43	-1.50	0.30	0.40	-1.90	-2.20	4.12	-1.40	7.91	-2.50	1.60
44	-1.90	0.40	1.00	-2.60	-1.70	-8.54	1.00	9.00	-2.50	-0.00
45	-2.50	0.40	1.40	-2.40	-1.70	-11.10	1.60	9.89	-2.50	-0.20
46	-3.10	1.40	1.40	-1.90	-0.60	-11.00	1.70	8.47	-2.50	0.00
47	-3.10	2.20	1.40	-1.90	1.00	-10.96	1.80	6.59	-1.90	1.70
48	-3.10	2.20	1.40	-1.90	1.90	-9.44	1.10	4.98	-1.90	2.50
49	-1.30	2.20	-1.90	-3.70	2.10	-6.38	0.60	1.20	-3.00	4.11
30	1.30	2.20	-0.90	-3.90	3.60	-3.88	0.60	-3.90	-3.90	5.81
						2.50	0.60	-3.00	-4.30	7.32

RECORDS=264  
DATE AND TIME=1968-05-16-19-39  
COMPONENT=N+S  
SIGNAL=GR,ACC.  
CORRECTION=ARC,ERR.  
TOTAL NUMBER OF DATA= 8950  
STATION=ADMORJ-S  
TOTAL NUMBER OF DATA= 8950

INTERVAL= 0.010 (SEC)  
FORMAT NO.=301

NO.	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	9.30	-5.58	8.19	2.60	1.20	0.	-3.90	4.40	-1.10	-3.90
2	9.29	-2.10	7.78	1.40	1.20	0.	-3.89	5.40	-1.10	-3.90
3	8.69	-0.10	5.86	-0.70	1.20	0.	0.	5.40	-1.00	-3.90
4	7.90	2.40	-3.60	1.80	1.80	0.	0.	5.39	-1.10	-3.90
5	7.79	3.70	-0.00	-4.40	3.80	0.	-0.00	3.90	0.20	-1.90
6	7.28	3.90	-0.32	-4.99	3.90	0.	-1.90	3.09	1.10	-1.20
7	5.90	4.30	-3.17	-0.60	3.40	0.	-1.90	0.	1.60	-0.50
8	5.90	4.60	-1.90	0.10	1.90	0.	-3.90	0.	1.90	-0.40
9	5.39	4.50	-10.15	0.	0.	0.00	-5.30	0.00	1.90	-0.40
10	5.60	4.60	-7.87	0.00	0.	1.90	-5.30	1.60	3.80	-1.10
11	2.99	4.50	-5.40	0.10	0.00	3.91	-5.30	3.00	4.20	-1.80
12	-0.00	4.60	-4.60	0.20	1.60	7.92	-5.28	3.20	4.20	-3.00
13	-1.10	5.60	-3.90	0.40	3.94	9.10	-1.90	3.40	4.20	-3.00
14	-2.00	5.80	-4.00	0.40	5.61	9.30	-1.50	3.80	4.00	-3.50
15	-0.10	5.79	-0.99	0.40	7.95	9.26	0.00	3.80	3.70	-3.80
16	2.20	4.40	-1.60	1.10	11.30	7.18	0.30	3.70	3.20	-3.80
17	3.90	3.90	0.20	1.90	11.20	5.29	1.90	3.60	1.90	-3.09
18	5.31	3.60	1.90	3.40	11.20	3.99	3.41	1.90	-1.90	-0.50
19	7.61	3.00	1.90	3.50	11.12	1.20	5.82	1.30	-7.93	3.20
20	8.60	2.10	1.90	3.90	8.19	-1.30	7.92	0.	-9.80	3.60
21	8.59	0.20	1.50	3.90	7.19	-1.90	9.41	0.	-9.89	2.60
22	7.90	0.	-0.60	3.40	5.89	-1.90	9.70	0.	-9.60	2.60
23	7.58	0.	-2.60	3.40	3.90	-1.90	9.49	0.	-9.42	1.70
24	5.88	0.00	-3.20	4.00	3.90	1.90	9.10	0.	-5.10	1.30
25	5.20	0.20	-4.80	4.20	3.90	0.00	9.08	0.00	-4.60	1.30
26	5.00	2.70	-4.00	4.20	3.90	1.00	7.90	-0.20	-3.60	1.90
27	2.30	4.01	-4.00	4.20	3.60	1.90	7.58	-1.50	-2.00	2.40
28	1.90	5.80	-4.50	4.20	1.90	3.90	5.90	-4.11	-2.00	2.40
29	1.50	5.60	-3.60	4.20	-0.00	3.90	5.90	-5.62	1.90	5.60
30	1.00	5.61	-2.90	3.78	-1.70	3.90	5.90	-9.01	3.52	6.20
31	0.20	7.20	-0.60	-1.90	-1.70	3.90	5.30	-9.80	9.21	6.20
32	0.	7.20	-6.71	-1.90	0.	3.69	5.00	-9.80	9.94	6.19
33	0.	7.17	-7.50	-1.10	0.	1.90	5.40	-9.77	11.82	5.17
34	-0.00	4.40	-7.32	0.	0.	-1.30	5.91	-8.29	12.50	0.60
35	-0.20	3.90	-0.50	0.00	0.	-3.70	7.42	-7.89	12.49	-1.60
36	-0.20	2.59	2.00	1.30	0.	-3.90	9.41	-7.45	12.22	-2.60
37	-0.20	-1.90	2.60	3.00	-0.00	-5.20	9.90	-3.19	9.90	-3.70
38	0.	-3.70	3.90	3.00	-1.90	-5.91	9.86	2.50	9.75	-3.70
39	0.	-3.60	5.20	3.00	-3.10	-7.21	8.00	5.15	2.60	-3.10
40	0.	-2.40	5.50	3.00	-3.10	-7.21	7.00	10.20	-0.00	-2.00
41	0.	-1.20	5.60	4.11	-1.90	-7.70	7.87	10.20	-1.90	-1.90
42	-0.00	1.40	5.50	5.71	-1.40	-7.80	5.90	10.15	-2.30	-1.90
43	-1.40	0.30	6.00	7.10	0.	-7.80	5.90	7.87	-2.20	-1.90
44	-2.30	1.40	5.85	6.91	0.00	-7.70	5.80	5.98	-2.50	-1.90
45	-6.50	3.80	5.69	7.70	1.90	-7.70	5.19	3.99	-2.30	-1.90
46	-4.10	5.31	4.20	7.70	1.90	-7.70	3.90	1.80	-2.20	-1.70
47	-4.30	6.62	4.10	7.59	1.90	-7.69	3.90	0.	-3.00	-1.70
48	-5.10	9.01	4.50	6.58	1.20	-7.19	3.80	-0.00	-3.00	-1.70
49	-5.50	9.80	4.60	4.69	0.	-5.89	3.80	-1.10	-3.70	-1.70
50	-5.60	9.77	3.50	2.10	0.	-4.120	3.90	-1.00	-3.80	0.

RECORD=S-264	COMPONENT=N-S	SIGNAL=GR.ACC.	CORRECTION=ARC.ERR.	STATION=ROMORI-S				
DATE AND TIME=1968-05-16-19-39	SAMPLING INTERVAL=0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 8950					
NO.	( 1500)	( 1600)	( 1700)	( 1800)	( 1900)	( 1950)		
1	0.	-1.90	-1.80	-3.40	-1.30	-8.72	34.56	51.62
2	0.	-1.90	1.90	-1.50	-5.44	-9.83	45.19	55.87
3	0.	-1.90	3.20	1.00	-11.87	-11.33	50.78	57.06
4	0.	-1.90	4.51	4.51	-14.00	-16.02	56.31	56.38
5	0.	-1.90	5.70	7.91	-14.10	-18.51	58.40	53.29
6	0.00	-1.90	5.69	9.01	-14.06	-23.93	58.40	48.31
7	-1.10	-6.59	4.60	9.71	-13.16	-25.63	58.40	48.10
8	-0.00	0.00	3.30	9.99	-11.94	-25.01	58.40	38.36
9	-3.70	0.61	8.09	9.37	-10.01	-19.41	51.42	20.68
10	-3.90	1.00	1.90	7.92	-5.88	-13.39	44.10	6.31
11	-3.89	-1.90	1.60	2.59	-3.48	-8.39	35.83	-3.74
12	-1.90	1.90	1.50	-2.61	2.51	-0.10	28.95	-15.92
13	-1.90	1.70	1.80	-7.78	7.51	7.93	21.38	-23.86
14	-1.10	1.90	2.20	-14.17	8.10	10.11	11.96	-29.66
15	3.80	1.90	3.20	-20.73	8.09	10.34	4.48	-31.35
16	3.91	3.20	3.90	-26.42	7.27	7.80	-0.40	-31.90
17	2.91	-3.91	4.20	-30.04	-3.53	-0.00	-0.40	-31.90
18	7.20	-7.92	4.50	-32.10	-13.47	-6.26	0.00	-31.90
19	7.19	-9.40	5.50	-33.19	-20.67	-13.92	2.50	-31.39
20	9.90	-9.50	6.00	-32.83	-26.30	-19.91	4.31	-29.50
21	8.83	-9.37	6.20	-29.95	-26.30	-30.94	7.93	-29.50
22	3.30	-7.87	6.20	-26.71	-25.95	-37.46	9.94	-29.50
23	1.20	-8.90	6.20	-22.95	-23.57	-39.70	12.11	-29.71
24	-0.00	-5.89	5.58	-14.19	-20.80	-39.21	18.58	-30.89
25	-1.30	-3.90	2.30	5.26	-17.77	-36.25	19.60	-32.07
26	-1.90	-3.90	0.	2.01	-15.85	-30.20	19.60	-32.28
27	-1.90	-3.90	-1.20	9.38	-14.94	-24.33	19.41	-32.16
28	-1.90	-3.90	-3.10	13.47	-13.50	-14.51	16.88	-31.45
29	-3.10	-5.00	-3.70	15.24	-8.65	-2.49	11.70	-29.20
30	-3.50	-5.60	-0.70	16.10	-5.39	8.09	5.08	-28.23
31	-5.00	-5.90	-3.69	16.02	-2.99	21.19	1.60	-27.59
32	-5.60	-5.91	-1.90	14.55	-0.20	24.42	-2.21	-25.33
33	-5.29	-7.20	0.20	13.22	5.01	35.97	-8.02	-20.79
34	-6.79	-7.50	3.91	8.40	7.01	34.20	-17.34	-17.55
35	-1.50	-7.50	8.05	1.70	7.61	32.75	-28.85	-14.89
36	1.00	-7.48	18.26	-3.93	8.20	26.67	-35.76	-10.46
37	3.91	-5.89	23.66	-12.02	8.20	19.06	-33.07	-0.50
38	5.70	-5.89	28.68	-16.01	8.20	9.06	-48.02	8.48
39	5.70	0.00	30.61	-17.86	8.20	-3.94	-50.20	19.87
40	5.70	1.90	32.07	-17.09	7.88	-16.53	-49.78	23.92
41	5.70	5.80	32.28	-13.79	6.40	-27.33	-47.70	24.33
42	5.60	5.90	32.20	-10.88	6.00	-32.47	-2.66	25.90
43	5.70	5.77	31.62	-2.99	5.39	-35.47	-35.26	25.82
44	5.70	1.90	28.46	7.43	4.10	-32.82	-25.66	23.85
45	4.99	-1.90	23.05	10.10	3.00	-29.14	-15.25	23.30
46	3.89	-1.90	18.71	14.59	1.10	-24.48	-3.27	23.31
47	1.90	-3.91	8.99	14.13	-1.70	-15.65	8.32	21.76
48	0.	-7.80	2.20	12.40	-5.01	-4.25	23.90	20.42
49	-0.07	-7.90	0.41	9.50	-6.11	7.90	37.03	19.55
50	-1.50	-7.90	-3.40	4.18	-7.61	23.26	44.06	18.92

NO.	COMPONENT=N=S					SIGNAL=GR,ACC.					CORRECTION=ARC,ERR.					STATION=ADMORI=S				
	( 2000 )	( 2050 )	( 2100 )	( 2150 )	( 2200 )	( 2250 )	( 2300 )	( 2350 )	( 2400 )	( 2450 )	( 2000 )	( 2050 )	( 2100 )	( 2150 )	( 2200 )	( 2250 )	( 2300 )	( 2350 )	( 2400 )	( 2450 )
1	17.84	-29.71	45.42	56.10	10.22	-14.28	54.05	-6.10	3.30	-26.07										
2	16.70	-24.72	45.70	50.60	19.65	-13.90	48.98	-5.66	2.60	-27.23										
3	11.92	-16.44	45.48	40.59	20.22	-14.74	40.97	0.00	6.21	-28.22										
4	9.27	-7.45	44.73	30.61	20.41	-14.74	31.24	9.68	6.30	-29.84										
5	2.30	3.18	40.27	19.00	20.44	-22.54	21.13	14.16	6.21	-30.04										
6	-1.90	5.91	30.48	8.34	18.67	-29.84	8.43	23.62	7.71	-30.22										
7	-6.86	6.60	18.97	-2.21	5.15	-32.61	-2.11	36.01	8.42	-39.92										
8	-13.50	6.60	7.96	-11.83	-4.34	-35.73	-11.22	42.55	9.91	-47.23										
9	-15.97	6.24	-1.91	-16.32	-2.24	-34.82	-19.71	43.90	10.40	-51.06										
10	-17.93	0.00	10.03	-20.10	-24.69	-31.55	-25.83	43.90	10.40	-51.75										
11	-19.93	-4.24	16.08	-22.38	-30.17	-39.81	-29.13	43.90	10.30	-52.84										
12	-20.00	-16.27	14.52	-23.96	-32.33	-38.84	-29.76	39.15	10.29	-54.50										
13	-17.90	-30.60	-26.33	-24.55	-36.59	-36.12	-30.12	28.02	9.44	-58.55										
14	-17.60	-32.54	-25.10	-25.60	-38.98	-33.21	-30.23	18.38	-3.63	-61.47										
15	-13.19	-32.48	-25.10	-25.53	-40.68	-28.10	-28.56	5.72	-14.36	-64.11										
16	-7.76	-26.43	-24.94	-24.94	-41.91	-15.50	-27.90	-5.99	-18.00	-66.66										
17	-4.50	-15.48	-23.73	-23.74	-41.61	-7.65	-27.78	-18.14	-19.30	-69.54										
18	-4.50	4.85	-22.41	-22.06	-41.84	-3.59	-27.06	-29.94	-18.26	-73.70										
19	-4.50	8.61	-21.58	-17.07	-41.28	-1.20	-26.24	-33.47	-1.27	-75.93										
20	-4.51	22.35	-20.46	-11.91	-39.50	10.12	-25.90	-32.12	-0.40	-76.10										
21	-5.83	34.07	-20.00	-5.86	-35.22	20.52	-25.86	-31.56	7.75	-76.10										
22	-9.75	38.83	-20.01	0.00	-23.69	25.65	-25.52	-28.62	11.58	-76.10										
23	-12.05	45.73	-20.22	9.42	-14.98	32.95	-24.85	-24.72	17.57	-76.97										
24	-13.70	49.89	-21.72	21.52	-3.07	36.54	-23.63	-16.81	18.71	-74.77										
25	-13.70	51.54	-24.01	30.77	11.71	44.18	-21.31	-13.72	21.67	-71.50										
26	-13.70	52.75	-26.77	37.60	23.35	45.97	-18.44	-9.50	25.99	-71.79										
27	-13.70	53.77	-31.45	45.32	37.33	46.72	-16.38	-9.50	31.97	-71.79										
28	-13.70	55.24	-38.43	49.08	48.42	48.95	-16.09	-5.51	32.78	-71.79										
29	-13.70	55.90	-41.39	56.00	57.28	49.55	-15.90	-9.94	33.89	-74.46										
30	-13.41	55.90	-43.26	59.46	59.91	49.09	-15.90	-11.98	35.40	-74.46										
31	-6.07	55.90	-45.79	60.93	65.61	47.82	-15.91	-14.56	34.96	-74.46										
32	-2.29	53.46	-46.40	62.98	65.11	41.36	-15.99	-18.43	31.44	-74.46										
33	2.61	49.11	-46.40	61.45	60.74	29.90	-15.90	-23.97	22.64	-74.46										
34	9.60	42.14	-46.40	59.78	59.37	19.96	-15.88	-24.18	17.44	-74.46										
35	19.72	32.17	-47.01	51.46	49.94	7.07	-5.89	-21.48	7.98	-74.46										
36	28.05	20.58	-48.35	41.08	35.97	-5.06	-4.59	-17.41	-0.30	-74.46										
37	29.90	7.80	-49.26	30.53	8.87	-16.42	-1.30	-12.93	-3.10	-74.46										
38	24.46	0.	-49.50	18.74	-4.35	-28.82	5.29	-13.17	-3.40	-74.46										
39	26.94	0.00	-48.69	6.11	-36.94	-32.66	4.00	10.05	-3.48	-74.46										
40	22.56	1.80	-41.42	-15.26	-29.39	-31.77	4.00	22.61	4.31	-74.46										
41	11.51	8.56	-36.49	-16.47	-27.08	-24.87	7.90	34.77	7.90	-74.46										
42	-1.31	12.50	-26.34	-25.95	-40.18	-13.42	-0.00	41.33	7.59	-74.46										
43	-17.09	22.07	-13.41	-28.29	-41.02	-1.89	-3.92	44.00	6.37	-74.46										
44	-33.87	32.24	-11.59	-29.78	-40.75	10.29	-8.73	44.00	2.59	-74.46										
45	-43.45	37.79	-12.32	-30.18	-36.86	23.93	-10.43	40.65	-1.10	-74.46										
46	-51.36	42.12	-30.41	-30.17	-37.08	37.08	-11.80	33.56	-5.25	-74.46										
47	-52.50	43.62	-41.15	-25.09	-25.09	46.56	-11.73	28.85	-14.54	-74.46										
48	-52.50	44.37	-49.40	-19.40	-19.60	33.15	-9.47	21.18	-19.73	-74.46										
49	-47.12	44.80	-52.40	-16.24	-16.24	25.67	-7.79	11.67	-22.54	-74.46										
50	-37.96	45.20	-53.10	-2.29	-15.25	25.77	-7.19	7.45	-24.68	-74.46										

RECORD=S-294  
DATE AND TIME=1968-05-16-19-39  
COMPONENT=N-S  
SIGNAL=GR.ACU  
CORRECTION=ARC.ERR.  
STATION=ADMORIS  
TOTAL NUMBER OF DATA= 8950

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

NO.	( 2500 )	( 2550 )	( 2600 )	( 2700 )	( 2750 )	( 2800 )	( 2850 )	( 2900 )	( 2950 )
1	-3.89	19.89	-17.90	-14.10	20.23	7.06	27.06	7.90	49.50
2	-1.69	16.06	-15.50	-9.56	15.43	3.69	34.83	7.90	49.50
3	0.55	8.47	-17.02	-1.89	17.90	0.30	36.56	7.90	47.43
4	12.56	-0.00	-29.73	7.93	13.75	-1.70	38.20	7.87	43.20
5	20.68	-9.32	-30.90	10.00	10.15	-4.01	38.20	5.86	38.94
6	28.78	-15.79	-31.70	9.94	7.74	-7.01	37.68	0.20	35.65
7	31.00	-23.23	-15.82	7.16	-3.93	-7.93	36.00	3.72	31.33
8	30.78	-21.45	-11.79	3.68	-1.41	-9.95	34.22	-12.07	21.35
9	29.22	-16.94	-8.03	-5.77	-20.62	-12.42	30.30	-17.91	16.06
10	25.33	-11.18	-4.29	-16.51	-28.43	-13.13	25.06	-27.41	11.66
11	19.39	-3.38	-2.40	-26.89	-32.19	-13.98	17.42	-35.55	3.89
12	10.36	6.16	-29.79	-61.65	-32.74	-15.60	11.85	-39.43	-0.00
13	7.35	13.75	0.	-61.54	-30.50	-17.62	10.11	-40.60	-1.90
14	6.00	20.89	-0.00	-29.40	-25.90	-19.38	6.00	-41.90	0.00
15	0.00	32.37	-29.12	-24.92	-21.59	-20.33	6.01	-41.18	0.00
16	3.71	36.76	-25.15	-18.26	-18.19	-20.13	7.72	-38.62	3.62
17	5.60	40.63	-16.04	-13.49	-13.93	-18.21	9.12	-34.79	9.02
18	5.90	42.49	-4.93	-8.86	-10.00	-16.84	10.25	-30.56	10.04
19	5.87	44.71	8.03	-0.60	-5.29	-14.06	12.50	-25.17	11.90
20	2.40	46.54	19.44	-24.19	-3.20	-6.47	18.32	-17.07	11.90
21	-0.60	47.64	31.63	0.40	3.20	-3.38	19.90	-15.07	11.81
22	-7.16	47.80	40.59	3.21	-3.20	5.42	19.94	-5.04	8.95
23	-12.56	46.03	46.81	5.92	-5.12	7.95	20.33	-3.90	5.86
24	-20.17	40.96	-38.90	9.22	-5.12	7.95	20.33	-3.40	-0.00
25	-24.71	34.10	-40.72	10.50	-7.91	11.45	19.41	-3.40	-0.00
26	-29.88	27.89	-41.46	10.53	-16.59	13.20	16.89	-3.40	-4.31
27	-33.23	18.58	-41.40	11.96	-28.32	13.20	12.01	3.50	-7.90
28	-38.12	7.29	-41.01	13.97	-35.95	13.12	9.26	-4.61	-7.77
29	-39.53	7.29	-39.63	15.73	-42.68	11.02	7.12	-7.02	-5.67
30	-42.51	38.62	-37.01	18.61	-48.48	7.80	0.00	-9.22	-1.90
31	-49.57	-12.92	-34.98	21.13	-51.90	0.00	0.00	-10.54	0.00
32	-59.50	-24.90	-28.14	22.71	-51.99	-3.91	-6.16	-12.25	2.10
33	-67.22	-32.29	-35.43	25.87	-49.00	-7.75	-13.97	-13.70	5.84
34	-65.15	-34.65	-30.90	30.55	-44.09	-11.97	-15.49	-13.68	11.91
35	-65.40	-32.13	28.90	32.99	-38.56	-14.18	-15.40	-13.10	12.07
36	-30.61	-31.13	27.97	34.25	-32.75	-16.00	-15.32	-13.04	11.15
37	-24.34	-27.53	27.67	35.96	-23.86	-16.00	-13.81	-11.46	9.20
38	-13.48	-23.54	26.58	38.36	-13.29	-15.95	-11.37	-9.89	3.59
39	-5.18	-23.54	30.40	41.30	-8.09	-14.92	-11.37	-9.17	0.20
40	0.05	-18.96	26.79	44.33	0.50	-13.25	-11.70	-7.66	-5.24
41	18.99	-13.64	21.10	47.25	7.95	-11.89	0.11	-4.19	-11.34
42	26.93	-12.22	18.12	49.73	11.40	-11.44	7.50	0.20	-16.44
43	32.04	-9.86	15.59	51.51	11.40	-9.43	7.90	9.80	-20.63
44	32.73	-7.89	11.57	50.96	11.40	-5.70	7.90	19.71	-28.07
45	34.47	-7.09	6.99	48.32	11.40	-2.19	8.00	27.04	-25.09
46	34.40	-5.90	5.69	46.72	11.40	0.30	9.00	31.52	-23.23
47	34.40	-5.91	3.89	44.51	11.40	-1.90	8.00	37.10	-18.88
48	34.15	-7.33	0.20	41.75	11.37	-1.90	7.90	43.20	-10.21
49	32.08	-10.14	-3.72	30.31	10.26	8.71	7.90	46.64	-6.40
50	26.33	-12.02	-9.28	23.55	9.16	15.94	7.90	48.50	-5.89
				22.65	9.16	22.22	7.90	49.150	-4.97

RECORDS=264      COMPONENT=N-S      SIGNAL=GR,ACC      CORRECTION=ARC\_ERR      STATION=ADMORI-S  
 DATE AND TIME=1968-05-16-19-39      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=001      TOTAL NUMBER OF DATA= 8950

NO.	( 3000)	( 3050)	( 3100)	( 3150)	( 3200)	( 3250)	( 3300)	( 3350)	( 3400)	( 3450)
1	1.30	3.89	-2.29	15.10	18.13	-23.98	33.88	11.72	-0.00	15.71
2	5.22	-0.10	2.51	15.06	19.99	-22.14	33.70	9.09	3.51	15.81
3	7.81	5.92	10.06	16.46	21.09	-19.75	32.10	8.30	-5.73	15.97
4	8.22	-8.22	17.43	19.07	22.05	-18.04	26.65	8.20	-9.94	17.24
5	9.90	9.90	17.90	20.23	23.45	-17.21	21.51	7.90	-11.80	17.99
6	18.00	-9.89	17.90	24.27	24.69	-15.82	17.82	7.93	-11.95	19.26
7	9.98	-9.11	17.90	28.41	25.33	-14.37	15.28	10.07	-13.74	20.04
8	9.08	-4.19	17.90	29.55	25.49	-13.38	12.89	13.21	-13.90	21.34
9	8.05	-1.89	17.86	30.22	25.40	-5.47	-9.76	13.50	-13.82	21.80
10	4.48	7.01	17.09	29.41	24.72	-7.79	-7.79	13.49	-11.84	21.77
11	6.10	7.95	16.74	24.76	19.45	4.41	0.40	13.15	-9.86	21.26
12	-0.41	11.91	9.82	19.08	10.90	5.90	6.63	11.83	-7.85	18.77
13	-2.22	12.29	7.76	9.31	7.18	5.91	9.98	9.88	-3.79	15.79
14	-9.40	11.78	-0.50	-0.50	5.36	7.20	13.87	8.50	-1.10	16.90
15	-0.35	7.78	-4.54	-5.96	-0.30	7.50	18.01	8.20	3.21	13.78
16	-6.49	-1.40	-14.62	-13.23	-3.92	7.78	19.52	8.20	7.31	13.29
17	-5.89	-7.30	-21.78	-13.90	-10.08	6.59	19.73	8.20	7.92	12.96
18	-4.19	-16.26	-28.62	-18.90	-18.52	5.80	20.20	8.20	9.54	11.90
19	-1.90	-22.59	-30.46	-13.73	-13.95	5.29	21.36	8.19	11.50	11.89
20	0.	-24.85	-31.81	-9.70	-15.23	4.20	22.03	7.48	11.40	11.69
21	0.	-23.33	-30.99	-4.98	-15.83	3.70	23.22	5.99	11.36	11.26
22	-0.00	-18.85	-28.13	-1.90	-16.30	3.00	23.46	3.88	9.90	9.89
23	-1.10	-16.84	-28.99	2.41	-16.80	1.90	24.09	-1.90	9.66	9.17
24	-0.41	-14.28	-15.81	6.62	-16.23	0.	25.75	7.87	7.87	7.57
25	-5.71	-11.58	-13.86	8.31	-14.93	-0.00	28.26	5.13	5.88	5.18
26	-7.05	-7.46	-5.87	9.11	-13.44	-2.40	30.29	-9.88	3.30	1.90
27	-11.74	-4.10	-1.99	9.81	-11.90	-5.91	31.59	-9.03	1.90	1.00
28	-13.22	-3.89	5.03	10.44	-11.79	-7.92	32.01	-4.99	1.90	-0.00
29	-16.61	-0.50	9.94	12.32	-11.26	-9.71	32.70	-3.60	1.90	-2.60
30	-20.00	4.11	12.14	13.00	-10.00	-15.23	33.92	-1.80	1.90	-5.55
31	-21.12	6.10	19.61	12.96	-9.80	-17.73	34.81	0.00	3.90	-12.60
32	-21.21	6.10	22.11	11.83	-9.70	-18.62	35.51	2.10	5.00	-15.44
33	-20.28	6.00	24.15	9.46	-8.90	-23.79	35.80	3.40	5.70	-16.24
34	-18.92	5.99	25.96	7.36	-8.90	-23.64	35.58	3.80	5.80	-15.84
35	-17.76	4.98	26.29	3.89	-8.90	-23.08	34.72	3.90	5.80	-15.01
36	-15.69	1.40	28.21	-0.00	-9.91	-22.03	33.52	4.10	5.90	-17.80
37	-13.30	-0.00	26.30	-3.10	-10.42	-21.40	32.08	4.20	5.89	-16.34
38	-1.10	-0.50	25.52	-3.91	-11.41	-21.40	30.83	4.40	5.19	-15.32
39	3.42	-1.70	24.85	-6.13	-11.94	-21.40	28.53	4.60	3.90	-13.86
40	11.73	-4.11	23.73	-9.70	-13.40	-21.56	25.98	4.50	3.90	-12.19
41	19.50	-7.47	22.36	-9.70	-16.05	-23.03	24.01	5.00	5.20	-12.00
42	22.14	-13.34	21.08	-9.70	-19.13	-23.61	23.23	5.00	5.90	-12.04
43	25.00	-14.56	19.73	-9.70	-25.67	-26.19	21.86	5.00	5.91	-13.27
44	28.00	-18.30	17.72	-9.63	-28.35	-28.28	21.37	5.00	7.76	-15.24
45	24.75	-23.54	15.19	-6.10	-30.78	-30.46	20.13	5.00	9.97	-18.43
46	23.80	-23.80	13.00	-5.89	-31.90	-32.50	19.29	5.00	13.13	-24.29
47	21.65	-23.26	11.00	-4.10	-31.54	-33.85	17.99	4.98	13.95	-27.37
48	19.94	-18.75	15.00	-4.05	-29.76	-34.71	17.87	2.00	15.20	-29.87
49	-14.12	-15.67	13.00	9.28	-27.64	-35.90	17.48	1.90	15.21	-33.22
50	7.94	-7.83	13.10	13.48	-26.00	-35.57	16.87	0.50	15.42	-37.08

RECORD=S-264  
 DATE AND TIME=1968-05-16-19-39  
 COMPONENT=N-S  
 SIGNAL=GRR-ACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CORRECTION=ARC.ERR.  
 FORMAT NO.=3001  
 STATION=AQMDRI-S  
 TOTAL NUMBER OF DATA= 8950

NO.	( 3500 )	( 3550 )	( 3600 )	( 3650 )	( 3700 )	( 3750 )	( 3800 )	( 3850 )	( 3900 )	( 3950 )
1	-40.09	37.88	0.00	1.90	11.20	-14.40	18.49	-34.12	23.09	-3.89
2	-43.95	36.85	0.50	-2.30	11.17	-14.50	18.40	-31.18	22.15	-1.90
3	-47.53	33.28	0.60	-3.60	9.86	-14.49	18.40	-31.10	24.52	0.00
4	-49.02	26.68	1.00	-4.00	7.87	-16.49	18.41	-30.47	19.38	0.60
5	-49.90	20.95	-0.00	-5.00	5.88	-17.93	18.49	-27.58	13.27	2.10
6	-49.90	11.88	-1.10	-5.82	2.99	-18.64	18.41	-25.01	9.68	3.90
7	-48.59	7.89	-2.00	-9.11	-0.00	-21.63	18.49	-19.04	4.88	5.31
8	-45.78	-0.00	-2.40	-9.90	1.50	-21.92	18.36	-15.64	-0.60	6.51
9	-43.03	1.90	-2.40	-9.89	-3.60	-22.11	17.77	-10.84	-2.60	7.91
10	-41.05	-3.90	-2.60	-9.57	-3.90	-22.09	17.30	-4.59	-4.42	9.01
11	-37.98	-3.89	0.10	-7.87	-3.90	-20.99	15.85	-2.00	-8.13	9.03
12	-32.91	-2.30	2.40	-5.59	-3.89	-19.80	14.96	0.00	-10.23	11.12
13	-29.84	-1.40	2.92	-3.89	-2.90	-18.63	14.06	4.80	-11.70	11.92
14	-27.05	5.01	8.08	-1.90	1.70	-17.61	12.46	4.30	-11.70	12.63
15	-22.04	6.31	9.99	-0.20	4.21	-16.35	11.30	4.30	-11.70	13.86
16	-17.85	7.91	13.96	3.21	7.31	-15.42	11.19	3.30	-11.70	13.86
17	-14.15	9.01	15.33	5.70	7.94	-13.73	11.00	1.90	-11.70	12.26
18	-8.62	9.80	12.81	5.90	11.04	-9.54	11.00	0.60	-11.70	11.17
19	-3.89	9.80	13.90	6.50	11.00	-8.50	11.06	0.60	-11.70	9.98
20	0.00	9.79	15.90	7.00	11.39	-6.48	13.51	-0.10	-11.70	9.12
21	6.02	9.27	17.83	7.00	10.97	-4.00	16.30	-1.30	-12.73	4.49
22	8.21	7.77	14.46	6.99	9.87	-3.50	18.02	-1.60	-13.54	1.70
23	9.05	5.59	13.61	6.90	8.28	-3.50	19.66	-1.50	-14.56	0.
24	11.91	3.69	11.26	5.90	6.28	-3.50	20.44	-0.40	-16.12	0.
25	12.20	1.20	9.95	5.40	4.59	-3.90	23.81	-0.40	-20.17	0.
26	12.50	0.	7.58	5.40	2.50	-5.01	23.90	0.	-23.29	0.00
27	12.26	0.	5.00	5.40	2.50	-6.41	23.65	0.	-25.75	0.10
28	11.05	0.	3.60	5.40	2.60	-7.90	21.63	0.	-27.61	1.90
29	9.17	0.	2.60	5.40	4.20	-7.88	19.72	0.00	-31.00	3.10
30	7.22	0.	1.60	5.39	5.20	-6.19	15.29	0.40	-33.91	4.21
31	5.20	0.	0.80	5.99	5.91	-4.59	11.21	1.40	-36.34	5.81
32	3.20	0.	0.31	2.40	7.21	-3.10	7.96	1.90	-37.91	6.51
33	1.90	-0.00	0.00	-0.00	8.01	-1.60	5.27	1.90	-38.82	7.92
34	-0.03	-1.50	7.91	-2.30	8.50	4.81	2.20	2.40	-39.77	9.63
35	-3.89	-3.90	9.01	-5.94	8.50	6.32	0.40	2.40	-39.90	11.01
36	-9.25	-4.21	9.85	-11.92	8.50	8.55	11.80	2.40	-39.67	11.27
37	-8.49	-5.72	12.46	-15.86	8.60	11.99	13.60	2.40	-38.97	10.29
38	-5.09	-7.90	14.90	-17.44	8.59	18.09	13.91	2.40	-38.25	9.90
39	-3.39	-8.00	14.90	-23.72	7.89	20.68	-5.73	2.40	-35.70	9.89
40	0.20	-8.00	14.40	-23.92	6.97	20.68	-5.73	3.80	-29.94	9.27
41	3.62	-8.00	14.39	-24.08	4.19	21.56	-12.44	3.80	-29.94	9.27
42	9.22	-8.00	14.07	-23.43	6.97	23.21	-13.62	5.80	-26.72	7.90
43	16.05	-8.00	13.25	-19.64	0.50	31.75	-14.19	6.41	-15.76	7.30
44	20.56	-8.07	11.85	-16.53	-0.90	33.52	-16.20	7.64	-15.76	7.30
45	23.77	-5.90	10.27	-13.46	-4.12	33.52	-18.04	10.67	-11.59	7.30
46	28.58	-5.60	9.05	-9.85	-4.12	33.73	-20.09	13.71	-7.79	7.31
47	32.29	-4.99	6.08	-3.48	-9.85	32.29	-22.48	16.43	-7.09	8.32
48	34.33	-3.90	3.79	4.62	-12.45	28.23	-25.70	18.70	-6.30	9.94
49	36.05	-3.09	-0.00	7.94	-13.92	23.79	-26.43	20.01	-6.00	11.62
50	38.00	-0.30	-0.20	11.20	-14.60	22.16	-27.67	21.50	-5.70	12.30
						20.77	-30.30	22.31	-4.99	12.40

NO.	( 4000 )	( 4050 )	( 4100 )	( 4150 )	( 4200 )	( 4250 )	( 4300 )	( 4350 )	( 4400 )	( 4450 )
1	12.441	5.89	5.50	-10.66	5.89	-7.56	13.01	7.00	13.90	-26.61
2	12.61	3.99	5.50	-13.13	3.90	-9.95	13.32	7.20	13.90	-24.49
3	13.01	1.70	5.50	-13.95	3.80	-12.50	13.92	7.20	14.01	-25.35
4	13.20	0.40	5.90	-15.14	3.70	-12.13	14.40	7.20	14.24	-25.50
5	13.20	0.50	5.90	-15.93	3.90	-10.04	14.50	7.20	15.23	-25.54
6	13.16	0.	5.90	-16.45	4.51	-7.28	14.50	7.21	15.61	-25.63
7	12.20	-0.00	6.31	-17.19	5.91	-5.829	14.40	7.90	16.10	-24.42
8	12.20	-0.10	7.60	-17.03	7.32	-3.89	14.50	7.90	17.90	-23.02
9	12.24	-0.50	7.90	-15.86	9.49	-1.90	14.50	7.90	19.26	-21.47
10	10.49	1.00	7.92	-15.06	14.42	0.00	14.40	7.90	19.90	-20.15
11	9.89	-1.80	9.11	-14.90	19.37	0.40	14.38	7.90	19.95	-18.56
12	9.59	-1.90	9.61	-14.50	21.66	0.40	13.84	7.90	20.58	-17.95
13	9.18	-3.10	9.90	-14.30	22.15	1.00	12.38	7.90	21.26	-17.27
14	8.20	-3.70	9.90	-14.37	24.58	1.00	11.86	7.90	19.92	-16.85
15	7.89	-3.90	9.90	-15.99	26.97	1.00	10.69	7.90	18.95	-16.07
16	7.19	-4.10	9.99	-17.63	29.78	0.20	10.30	7.90	18.33	-15.44
17	6.50	-4.30	9.27	-19.84	31.00	-0.00	10.28	7.90	17.39	-14.26
18	6.31	-5.00	7.89	-22.59	31.00	-1.10	-9.50	7.90	13.96	-13.26
19	7.60	-5.40	7.36	-25.12	30.84	-2.60	-9.50	7.59	10.77	-12.16
20	7.90	-5.70	4.29	-26.19	30.01	-4.01	-9.50	6.60	9.56	-10.76
21	7.90	-5.90	1.90	-27.98	28.83	-5.71	-9.50	6.59	7.58	-9.17
22	8.20	-5.90	0.50	-28.66	26.87	-7.81	-9.50	6.00	5.88	-7.69
23	8.51	-6.20	-0.00	-29.90	25.43	-8.42	-9.52	5.90	3.70	-7.09
24	9.00	-6.40	-0.60	-29.90	24.34	-9.10	10.33	5.60	2.10	-6.09
25	9.21	-6.51	-2.10	-29.90	23.82	-9.50	11.41	5.20	0.20	-4.69
26	9.60	-7.60	-3.50	-29.73	23.12	-9.49	11.80	5.00	-0.60	-3.40
27	9.81	-7.91	-6.60	-28.77	22.46	-9.10	11.80	4.30	-0.90	-1.80
28	10.32	-8.31	-9.90	-27.41	22.08	-9.10	11.81	3.90	-1.80	-0.50
29	11.32	-9.31	-4.20	-25.08	21.85	-9.11	12.10	3.50	-3.30	1.80
30	12.25	-9.96	-4.20	-19.57	21.26	-9.83	12.10	2.50	-4.31	3.40
31	13.89	-12.63	-4.20	-16.92	19.75	-11.22	12.10	1.90	-7.43	5.10
32	15.93	-13.43	-4.20	-15.63	18.11	-11.91	12.10	1.70	-9.65	5.40
33	18.56	-14.37	-4.20	-14.19	18.62	-12.10	12.09	1.70	-12.13	5.40
34	17.65	-15.91	-4.10	-11.53	19.91	-12.09	11.86	1.70	-13.04	5.40
35	18.40	-16.00	-3.60	-9.88	20.12	-10.66	10.68	1.70	-14.03	4.90
36	18.48	-15.99	-2.30	-3.10	21.40	-9.17	9.89	1.70	-14.83	5.00
37	19.33	-15.85	-1.70	-1.50	21.51	-7.68	9.59	1.70	-15.40	4.60
38	19.90	-14.94	1.90	0.20	22.60	-6.10	9.06	1.70	-15.40	4.30
39	19.87	-13.66	5.51	4.01	23.40	-5.60	6.59	1.70	-15.42	4.30
40	19.58	-10.25	7.40	6.52	23.26	-5.50	5.59	2.50	-15.83	4.30
41	19.30	-8.40	7.82	8.40	22.11	-5.50	4.00	5.01	-16.31	4.30
42	19.28	-5.89	9.12	8.40	21.09	-5.80	3.30	6.42	-16.40	4.30
43	18.95	-5.19	10.01	8.41	18.94	-6.31	2.00	8.41	-16.41	5.00
44	18.36	-3.89	10.30	9.30	16.72	-7.91	2.30	9.30	-16.63	5.70
45	17.87	-1.90	10.26	9.50	12.22	-8.32	5.91	9.51	-17.11	6.10
46	17.32	0.00	9.86	9.50	9.86	-9.70	7.10	9.94	-17.34	6.51
47	16.08	0.60	7.33	7.80	9.90	-9.90	7.00	11.94	-18.10	7.82
48	15.90	1.90	1.40	9.47	0.40	-10.15	7.10	13.11	-19.66	9.25
49	11.51	3.90	-1.70	8.08	-1.60	-11.93	7.10	13.42	-21.54	10.62
50	8.26	4.20	-5.05	6.99	-3.91	-11.93	7.00	13.80	-22.88	11.41

RECORDS=264  
DATE AND TIME=1968-05-16-19-39  
COMPONENT=N=S  
SIGNAL=GR,ACC.  
CURRENTION=ARC,ERR,  
TOTAL NUMBER OF DATA= 8950  
STATION=AOMORI=S  
TOTAL NUMBER OF DATA= 8950  
SAMPLING INTERVAL= 0.010(SEC)  
FORMAT NO.301

RECORDS=264  
 DATE AND TIME=1968-05-16-19-39  
 COMPONENT=N-S  
 SIGNAL=GR.ACC.  
 CURRENTION=ARC.ERR.  
 TOTAL NUMBER OF DATA= 8950  
 STATION=AOHQRI-S  
 FORMAT NO.=301

NO.	( 4500 )	( 4550 )	( 4600 )	( 4650 )	( 4700 )	( 4750 )	( 4800 )	( 4900 )	( 4950 )
1	11.59	0.50	25.60	-50.90	11.50	-3.50	3.50	-10.13	6.11
2	11.19	1.60	20.13	-51.00	11.50	-4.10	3.40	-11.52	7.41
3	10.69	1.60	20.85	-51.50	11.51	-5.01	3.20	-12.12	8.64
4	10.39	2.00	19.03	-52.15	11.91	-6.01	3.20	-12.70	10.84
5	9.79	1.60	14.51	-52.86	12.31	-6.91	3.10	-12.70	12.55
6	9.38	1.10	12.44	-53.42	12.61	-8.01	3.10	-12.69	14.05
7	8.99	0.50	10.67	-53.50	13.02	-8.82	2.60	-12.48	15.30
8	8.19	-0.00	9.29	-53.40	13.62	-10.12	2.60	-12.00	15.33
9	7.69	-0.40	8.79	-53.01	14.11	-11.02	2.60	-12.00	15.90
10	6.99	-1.50	8.00	-52.65	14.30	-11.74	2.60	-11.88	15.90
11	5.29	-2.40	6.09	-52.18	14.71	-13.14	2.60	-11.39	15.90
12	4.19	-3.90	7.50	-50.97	14.76	-14.53	3.60	-10.99	15.90
13	2.10	-4.30	7.29	-49.10	15.96	-15.00	4.40	-10.59	15.87
14	1.40	-5.10	5.10	-47.50	17.09	-15.00	5.00	-10.30	15.29
15	0.90	-5.50	0.39	-45.72	18.62	-15.02	5.71	-10.30	15.09
16	0.40	-5.50	0.49	-42.22	20.19	-15.37	6.62	-10.10	14.76
17	0.30	-5.00	1.40	-40.66	21.21	-14.80	9.02	-10.10	13.97
18	1.30	-4.30	-0.10	-40.26	22.39	-14.70	10.34	-10.10	13.16
19	2.40	-3.80	-1.20	-39.76	24.35	-14.68	12.28	-10.10	12.07
20	3.30	-3.10	-2.40	-39.28	26.99	-14.50	14.63	-10.31	11.09
21	3.90	-2.30	-3.10	-38.96	28.14	-14.30	15.21	-10.58	10.80
22	5.41	-1.70	-4.70	-38.08	28.80	-14.30	15.41	-9.78	10.80
23	6.31	-1.20	-5.10	-37.76	28.80	-14.30	15.60	-8.69	10.70
24	7.61	-0.30	-5.60	-37.26	28.63	-14.27	15.60	-8.00	10.60
25	8.42	0.10	-5.60	-36.55	27.73	-13.49	15.57	-7.69	10.40
26	9.62	0.60	-5.60	-35.75	27.23	-13.17	14.97	-6.69	10.19
27	10.70	1.50	-6.00	-34.72	25.90	-12.28	14.39	-5.89	9.69
28	10.70	2.00	-6.00	-32.89	23.98	-11.77	14.06	-5.10	9.38
29	10.69	2.40	-6.00	-31.97	22.41	-10.87	13.13	-4.40	8.57
30	10.40	2.60	-6.51	-30.58	21.51	-9.67	11.37	-3.90	6.89
31	10.18	3.00	-7.23	-29.19	19.71	-8.09	10.17	-3.90	5.69
32	9.28	3.50	-9.54	-28.29	18.60	-7.19	8.67	-1.90	3.69
33	8.28	4.00	-11.75	-26.69	17.19	-6.29	6.69	-1.20	1.70
34	7.19	5.11	-13.56	-24.69	15.55	-5.69	5.49	-0.10	0.00
35	6.38	6.11	-15.21	-22.40	14.68	-4.79	3.99	0.90	-1.80
36	4.59	7.94	-17.47	-20.40	14.28	-3.50	1.40	1.20	-3.30
37	2.30	10.80	-20.51	-18.00	13.68	-2.40	1.20	1.60	-4.10
38	0.80	14.80	-24.83	-15.80	13.38	-1.60	0.80	1.70	-5.11
39	-0.10	16.87	-27.24	-13.40	12.98	-0.80	0.10	1.60	-6.31
40	-1.70	18.14	-28.75	-10.60	12.36	0.10	-0.90	1.70	-7.00
41	-3.20	20.25	-30.05	-7.51	11.26	0.80	-1.50	1.60	-7.00
42	-4.50	23.24	-31.07	-4.61	9.97	1.00	-2.10	1.40	-6.99
43	-5.50	26.84	-32.71	-1.11	8.68	1.40	-2.50	1.80	-6.50
44	-6.20	28.91	-33.40	7.59	7.59	2.00	-2.50	1.90	-6.50
45	-6.50	29.47	-33.28	10.60	6.68	3.10	-3.00	1.90	-6.40
46	-6.49	29.84	-32.76	10.81	4.59	3.20	-3.40	2.00	-6.40
47	-5.79	29.92	-32.15	11.21	1.60	3.20	-3.90	2.50	-6.19
48	-4.99	29.56	-31.49	11.40	0.40	3.90	-4.71	3.80	-6.71
49	-3.69	29.34	-31.08	11.50	-1.40	3.90	-6.11	4.20	-7.93
50	-0.60	28.49	-30.98	11.50	-2.40	3.90	-7.13	4.81	-10.43

RECORD=S-264 COMPONENT=N+S SIGNAL=GR,ACC. CORRECTION=ARC,ERR. STATION=AOHORI=S TOTAL NUMBER OF DATA= 8950  
 DATE AND TIME=1968-05-16-19-39 SAMPLING INTERVAL= 0.0101(SEC) FORMAT NO.=501

NO.	( 5000)	( 5050)	( 5100)	( 5150)	( 5200)	( 5250)	( 5300)	( 5350)	( 5400)	( 5450)
1	1.40	6.80	17.08	3.00	1.80	8.20	3.90	-11.79	9.38	32.49
2	1.90	6.51	17.10	3.20	3.80	8.50	3.10	-11.29	8.19	32.03
3	3.00	7.10	17.08	3.60	5.20	8.71	2.10	-10.88	7.27	31.74
4	3.90	7.30	17.08	4.00	5.50	9.12	1.50	-10.08	4.50	31.59
5	5.20	7.70	16.39	4.60	5.90	10.32	0.80	-9.27	3.70	30.64
6	5.91	7.70	16.28	5.11	6.40	11.02	0.20	-8.59	3.00	30.44
7	6.82	7.90	15.86	6.41	6.80	11.74	-1.10	-7.88	2.90	29.54
8	8.88	8.10	15.05	7.11	7.51	12.83	-1.90	-7.39	2.80	29.56
9	13.70	8.40	14.99	7.71	8.11	13.82	-2.90	-6.79	2.10	28.85
10	16.30	8.40	14.68	8.10	8.74	14.41	-3.81	-6.10	1.80	28.40
11	17.98	8.10	14.30	8.41	9.41	14.72	-5.91	2.40	1.70	28.45
12	19.20	7.79	14.32	7.49	10.11	15.10	-7.03	4.61	1.20	28.29
13	21.66	7.19	13.70	6.89	10.60	15.19	-9.56	6.00	1.00	28.15
14	23.23	6.69	13.81	6.50	10.58	15.00	-12.45	6.21	0.50	28.15
15	24.52	5.80	14.01	5.90	9.89	14.90	-13.96	7.74	0.10	22.76
16	26.89	5.19	14.20	5.29	9.24	15.00	-15.46	10.76	-1.80	22.17
17	28.19	4.30	14.22	4.40	8.49	14.89	-16.58	13.18	-3.11	21.63
18	29.60	3.40	14.73	3.70	7.69	14.59	-17.87	15.25	-5.41	21.43
19	29.60	2.70	15.31	3.50	6.69	14.40	-18.91	16.19	-8.95	20.42
20	29.75	2.20	15.51	3.40	5.59	14.31	-20.42	16.02	-12.19	19.53
21	30.38	1.80	15.74	3.80	4.50	14.51	-21.85	16.31	-14.89	18.65
22	30.20	1.20	15.42	3.80	3.60	14.71	-23.30	16.42	-16.75	17.58
23	29.80	0.70	16.71	4.10	2.40	15.01	-24.21	16.75	-17.65	15.74
24	29.76	0.20	16.89	4.40	1.80	15.21	-25.11	17.65	-19.64	12.70
25	29.16	0.00	15.77	4.60	1.20	15.42	-25.94	18.46	-21.27	9.95
26	27.04	0.40	15.26	4.70	0.50	15.72	-26.92	19.26	-21.94	7.59
27	25.90	0.70	15.55	5.10	0.00	16.01	-27.65	19.92	-22.33	6.58
28	23.89	1.10	14.65	5.00	-0.40	16.12	-27.97	20.12	-22.59	4.29
29	22.14	1.60	13.56	5.50	0.70	16.42	-28.44	20.50	-22.47	2.10
30	19.62	2.00	12.68	5.10	1.00	16.82	-29.21	20.30	-22.19	0.80
31	18.77	2.40	12.06	4.60	1.40	17.20	-29.53	20.34	-22.09	1.60
32	15.88	3.30	10.88	4.20	3.20	17.22	-28.66	20.84	-22.03	2.20
33	13.72	3.60	10.19	3.70	1.70	17.52	-27.90	21.22	-22.34	3.20
34	11.66	4.30	9.70	3.20	1.50	17.81	-27.24	21.42	-22.73	3.70
35	10.39	4.80	9.59	2.60	1.00	17.88	-26.30	21.57	-23.02	3.90
36	10.09	5.60	9.29	2.10	0.30	17.59	-25.22	21.26	-23.25	4.30
37	9.58	6.21	8.90	1.70	0.00	17.37	-22.41	20.86	-23.64	4.70
38	7.52	7.52	8.70	1.40	16.88	-20.27	20.48	24.02	4.80	4.80
39	6.40	9.13	8.69	1.50	2.60	18.72	20.29	25.06	5.00	5.00
40	6.40	10.64	8.60	1.20	3.60	16.11	20.18	26.19	5.10	5.10
41	8.40	12.45	8.19	0.90	4.10	15.61	19.98	26.82	5.30	5.30
42	8.40	13.84	7.70	0.90	4.80	13.96	19.77	27.65	5.80	5.80
43	8.40	14.74	7.59	0.50	5.60	12.96	19.38	28.59	5.80	5.80
44	8.50	15.65	7.29	0.30	5.90	11.77	19.05	29.61	5.70	5.70
45	8.40	16.53	6.40	0.10	6.50	10.66	18.42	30.32	5.90	5.90
46	8.40	17.15	5.89	0.00	6.60	9.78	17.19	31.33	6.01	6.01
47	8.49	17.91	5.20	0.20	7.10	8.57	15.96	31.86	6.74	6.74
48	7.99	18.08	4.60	0.60	7.30	6.99	14.71	32.10	7.61	7.61
49	7.59	17.79	4.00	1.00	7.50	5.79	12.00	32.17	8.48	8.48
50	7.10	17.68	3.60	1.40	7.90	4.70	12.09	32.44	9.99	10.62

RECORDS=264  
 DATE AND TIME=1968-05-16-19-39 COMPONENT=N=3 SAMPLING INTERVAL= 0.010(SEC) CORRECTION=ARC,ERR, STATION=AHORI+S TOTAL NUMBER OF DATA= 8950

NO.	( 5200 )	( 5550 )	( 5600 )	( 5650 )	( 5700 )	( 5750 )	( 5800 )	( 5850 )	( 5900 )	( 5950 )
1	11.63	7.30	-4.00	-24.66	25.57	-2.60	-4.40	-11.60	-2.00	-2.20
2	12.52	7.30	-4.10	-24.11	26.04	-1.80	-5.61	-11.58	-1.80	-2.20
3	13.13	7.60	-4.10	-24.24	26.36	-1.20	-6.61	-11.00	-1.80	-2.20
4	13.92	7.91	-6.70	-24.53	26.70	-1.30	-8.11	-11.10	-2.30	-1.80
5	14.31	8.30	-6.70	-24.70	26.58	-0.90	-8.71	-11.07	-3.10	-1.80
6	14.61	8.51	-6.50	-24.57	25.81	-0.50	-9.21	-9.79	-3.90	-1.80
7	14.90	9.31	-6.20	-25.60	25.18	-0.50	-9.91	-8.60	-4.60	-1.80
8	15.00	9.61	-6.60	-22.83	24.21	-0.10	-10.31	-6.99	-5.51	-1.80
9	15.20	10.01	-6.90	-22.10	22.79	-0.10	-10.71	-6.89	-6.41	-2.00
10	15.30	10.30	-4.30	-20.34	21.75	-0.10	-11.21	-6.40	-8.01	-2.00
11	15.30	10.51	-4.50	-19.56	20.60	0.	-11.71	-6.39	-8.51	-2.50
12	15.21	10.80	-4.80	-17.95	19.17	0.00	-12.21	-5.59	-8.91	-2.50
13	15.52	10.60	-5.82	-17.21	17.58	0.90	-12.61	-4.60	-9.50	-2.50
14	15.93	10.39	-8.35	-15.67	15.81	0.70	-12.91	-4.20	-9.60	-2.50
15	16.53	9.90	-11.43	-13.55	14.17	0.80	-13.31	-3.90	-9.50	-2.50
16	17.02	9.70	-12.43	-11.45	13.67	1.80	-13.61	-3.90	-9.60	-2.40
17	17.48	9.69	-13.45	-9.75	12.70	2.50	-13.90	-3.90	-9.59	-1.90
18	17.93	9.19	-14.75	-7.59	12.79	3.60	-14.02	-4.40	-8.99	-1.40
19	18.31	8.78	-15.85	-6.59	12.58	4.50	-14.41	-4.40	-8.70	-1.40
20	18.52	7.69	-16.76	-5.09	11.89	4.70	-14.70	-4.70	-8.59	-0.80
21	18.81	7.29	-17.75	-4.09	11.59	5.10	-14.68	-5.00	-8.19	0.40
22	18.92	6.58	-18.46	-1.80	11.16	5.70	-14.28	-5.10	-7.59	1.40
23	19.20	4.20	-19.26	0.00	9.79	6.81	-13.88	-5.30	-6.70	1.80
24	19.40	3.30	-19.96	2.60	9.38	6.60	-13.37	-5.70	-6.69	2.50
25	19.18	1.50	-20.60	3.40	8.09	7.00	-12.68	-5.90	-6.10	3.40
26	19.00	1.10	-20.60	5.11	7.59	7.40	-11.98	-5.90	-5.90	3.80
27	18.97	0.60	-20.60	6.81	6.99	7.30	-11.20	-5.90	-5.60	4.20
28	18.57	0.10	-20.60	7.42	5.89	7.50	-11.20	-6.00	-5.00	4.50
29	18.18	0.20	-20.62	9.43	5.20	7.30	-11.21	-6.30	-4.50	4.20
30	17.87	0.70	-20.81	11.25	5.00	7.40	-11.51	-6.60	-4.30	4.50
31	17.43	0.70	-20.92	13.19	4.60	7.10	-11.71	-6.60	-4.30	4.50
32	16.37	0.70	-21.15	15.67	4.20	6.80	-12.11	-6.50	-3.70	4.50
33	15.84	0.70	-21.43	17.03	3.90	6.60	-12.31	-6.00	-3.60	4.90
34	14.66	0.80	-21.76	17.53	3.90	6.40	-12.51	-5.70	-3.60	4.90
35	13.87	0.30	-22.35	17.97	3.90	5.99	-12.91	-5.30	-3.60	4.90
36	13.07	-0.00	-22.87	18.93	3.90	5.90	-13.30	-5.30	-3.60	4.90
37	12.28	-0.20	-23.46	19.33	3.70	5.20	-13.60	-5.10	-3.60	4.80
38	11.68	-0.50	-24.00	19.73	3.60	5.20	-13.90	-4.80	-3.60	4.80
39	10.98	-0.70	-24.82	20.16	3.20	5.20	-14.30	-4.70	-3.60	4.80
40	10.39	-0.80	-25.70	20.84	2.80	4.70	-14.28	-4.80	-3.60	6.00
41	9.79	-1.40	-26.37	21.24	2.50	4.40	-12.70	-4.80	-3.60	6.00
42	9.29	-1.80	-26.85	21.68	1.40	4.30	-12.60	-4.80	-3.50	6.91
43	8.69	-2.00	-27.10	22.41	0.60	3.99	-12.60	-4.30	-3.40	7.60
44	8.10	-2.20	-27.07	22.49	-0.20	3.50	-12.37	-4.30	-3.60	7.50
45	7.79	-2.50	-28.82	22.45	-0.90	2.20	-11.90	-3.90	-3.60	7.80
46	7.20	-2.70	-29.34	22.94	-1.70	1.70	-11.60	-3.60	-3.70	8.00
47	7.30	-2.90	-29.96	23.37	-2.50	0.10	-11.60	-3.40	-3.10	8.31
48	6.90	-3.20	-29.60	23.92	-2.60	-0.90	-11.60	-2.80	-3.00	8.60
49	6.90	-3.50	-24.96	24.16	-2.60	-1.70	-11.60	-2.30	-2.70	9.11
50	7.20	-3.70	-24.06	24.72	-2.60	-3.20	-11.60	-2.00	-2.50	9.61

RECORDS=264 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=APC.ERR. STATION=AQMORI=S  
 DATE AND TIME=1968-05-16 19:59 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 8950

NO.	( 6000)	( 6050)	( 6100)	( 6150)	( 6200)	( 6250)	( 6300)	( 6350)	( 6400)	( 6450)
1	10.12	4.30	0.50	04.50	03.40	-12.11	00.70	3.70	-4.10	2.60
2	10.81	3.90	-0.50	04.00	-3.10	-12.51	00.40	4.20	-4.20	2.60
3	11.41	3.90	-0.80	-3.40	-2.40	-12.72	0.	4.50	-4.20	2.50
4	11.80	3.10	-0.80	03.10	-1.90	-13.51	0.	4.80	-4.40	2.50
5	11.91	2.70	-1.10	02.80	-1.90	-13.60	0.00	4.80	-4.30	2.00
6	12.20	2.20	-1.10	02.70	-1.90	-13.71	0.40	5.00	-4.50	1.90
7	12.19	1.00	-1.10	02.60	-1.10	-13.91	0.70	5.20	-4.70	1.70
8	11.88	0.20	-2.60	02.60	-1.00	-14.21	1.00	5.30	-4.80	1.20
9	11.59	-0.60	-2.70	02.70	-1.00	-14.41	1.20	5.40	-5.00	0.90
10	10.99	04.60	-2.90	02.90	-1.00	-14.71	1.50	5.40	-5.10	0.50
11	10.47	-1.80	-3.30	03.10	-1.00	-14.90	1.70	5.50	-5.20	0.00
12	9.38	-2.00	-3.90	03.30	-1.00	-15.00	1.90	5.20	-5.20	0.10
13	8.39	-2.40	-0.20	03.40	-1.00	-15.11	2.20	4.90	-5.30	0.20
14	7.59	-3.20	0.50	03.40	-0.70	-15.20	2.40	4.60	-5.10	0.30
15	6.40	04.00	0.50	03.40	-0.70	-15.29	2.80	4.50	-5.10	0.30
16	6.00	04.30	0.70	03.60	-0.70	-14.99	3.00	4.30	-4.70	0.30
17	5.60	-4.40	0.70	03.70	-0.40	-14.79	3.30	4.00	-4.50	0.50
18	5.20	-4.40	0.30	03.90	-0.40	-14.49	3.70	3.80	-4.10	0.60
19	4.70	04.70	-0.10	04.00	-0.40	-14.27	3.90	3.50	-3.80	0.80
20	5.20	05.20	0.90	04.10	0.40	-13.67	3.70	3.10	-3.50	1.10
21	5.30	04.30	0.50	04.30	0.	-12.89	3.50	2.80	-3.10	1.30
22	5.20	05.60	0.60	03.70	0.	-12.47	3.20	2.00	-2.70	1.60
23	5.60	05.30	0.10	03.20	0.00	-11.68	3.00	1.40	-2.40	1.70
24	5.00	05.00	0.40	03.00	0.00	-10.88	2.60	0.80	-2.10	1.80
25	4.80	04.80	0.50	03.00	0.30	-10.08	2.50	0.20	-1.90	2.00
26	5.90	04.70	0.50	02.10	0.30	-9.28	1.60	0.	-1.70	2.40
27	5.90	04.30	0.00	01.80	0.40	-8.09	1.40	-0.00	-1.30	2.70
28	5.89	03.70	0.90	01.30	0.30	-7.50	1.20	-0.10	-0.80	3.00
29	5.20	03.50	0.70	01.00	0.30	-7.20	1.10	-0.40	-0.50	3.40
30	4.50	03.10	0.49	01.00	0.00	-6.79	1.30	-0.50	-0.10	3.70
31	5.80	03.50	0.60	01.00	0.	-6.10	2.00	-0.60	0.00	3.90
32	2.70	04.40	0.40	00.70	0.50	-5.90	2.70	-0.70	0.30	3.50
33	1.20	03.40	-4.10	00.70	-0.50	-5.40	2.90	-0.70	1.00	3.10
34	0.40	03.50	0.90	00.70	-1.30	-5.40	3.20	-0.80	1.20	2.80
35	0.20	03.50	0.90	00.70	-2.90	-5.50	3.20	-0.80	1.20	2.80
36	0.10	03.90	0.70	00.70	-3.70	-5.00	3.30	-0.80	1.30	2.60
37	0.10	04.30	-0.70	00.70	-4.41	-4.80	3.20	-1.00	1.40	2.40
38	0.10	04.60	-0.90	00.70	-6.11	-4.60	2.80	-1.20	1.40	2.30
39	1.10	04.70	0.80	01.50	-7.81	-4.30	2.70	-1.40	1.60	2.20
40	1.80	05.20	0.80	01.80	-8.51	-4.00	2.60	-1.60	1.50	2.20
41	2.60	05.20	0.90	01.90	-9.01	-3.70	2.40	-1.70	1.60	2.30
42	3.40	04.70	0.30	01.90	-9.31	-3.50	2.40	-1.90	1.60	2.30
43	4.00	04.50	-4.80	02.30	-9.71	-3.00	2.30	-2.20	1.80	2.40
44	4.40	04.50	-5.10	02.70	-10.10	-2.70	2.10	-2.40	2.10	2.40
45	4.80	04.30	-5.60	02.90	-10.51	-2.30	2.40	-2.60	2.30	2.50
46	4.90	03.60	-5.70	03.10	-10.70	-2.00	2.60	-2.90	2.30	2.50
47	4.90	03.70	-5.70	03.10	-10.91	-1.90	2.80	-3.20	2.40	2.40
48	5.20	04.50	-5.70	03.10	-11.11	-1.50	3.10	-3.70	2.40	2.30
49	5.20	05.30	-5.30	03.10	-11.51	-1.30	3.30	-3.80	2.40	2.20
50	4.30	04.70	-0.50	03.50	-11.81	-1.10	3.60	-4.00	2.60	2.10

RECORDS=264	COMPONENT=N=5	SIGNAL=SP.AUC.	CORRELATION=AC.LERR.	STATION=AUROZ1'S					
DATE AND TIME=1968-05-10-19-35	SAMPLING INTERVAL=0.030(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 8950						
NO.	( 6200)	( 6350)	( 6500)	( 6650)	( 6800)	( 6950)			
1	-4.00	-9.10	-2.80	-7.81	-5.70	3.30	2.50	-3.40	-4.40
2	-4.00	-9.30	-2.50	-8.00	-4.70	3.60	2.20	-3.50	-4.90
3	-4.10	-9.48	-1.90	-8.60	-4.70	3.60	2.50	-1.10	-4.70
4	-4.10	-8.29	-4.00	-8.81	-4.60	3.90	3.00	-1.30	-2.00
5	-4.30	-7.69	-0.80	-8.40	-4.50	4.10	3.00	-2.00	-5.30
6	-2.50	-7.29	-0.50	-9.50	-4.30	4.40	3.50	-3.10	-5.70
7	-2.60	-6.80	0.40	-9.70	-4.20	5.10	3.60	-3.30	-5.90
8	-2.60	-6.50	1.40	-9.50	-4.60	5.60	4.00	-4.30	-6.10
9	-3.00	-6.00	1.40	-9.29	-4.70	5.90	4.50	-2.20	-6.50
10	-3.00	-5.80	1.50	-8.99	-4.60	5.20	4.00	-2.70	-6.90
11	-3.00	-5.40	2.10	-8.70	-5.00	5.20	5.20	-6.10	-7.10
12	-3.20	-5.10	2.30	-8.50	-5.20	4.90	5.90	-6.40	-7.30
13	-3.00	-4.80	2.40	-8.29	-5.40	4.60	6.20	-5.40	-7.50
14	-3.00	-4.90	2.20	-7.90	-5.20	4.60	6.50	-6.50	-7.70
15	-3.00	-4.70	2.00	-7.70	-5.30	4.80	6.80	-6.60	-7.90
16	-4.00	-4.60	1.80	-7.70	-5.20	4.20	7.00	-6.70	-7.90
17	-4.20	-4.40	1.60	-7.90	-5.10	3.90	7.10	-6.10	-7.90
18	-4.30	-4.30	1.20	-8.20	-5.20	3.50	7.20	-5.60	-7.90
19	-4.50	-4.10	0.70	-8.50	-5.10	6.90	6.90	-6.60	-7.90
20	-4.70	-3.90	0.20	-8.70	-4.80	3.80	6.50	-6.50	-7.70
21	-4.80	-3.80	0.10	-8.00	-4.70	4.10	6.90	-6.40	-7.80
22	-5.10	-3.10	-0.10	-9.40	-4.70	4.40	6.10	-6.20	-7.80
23	-5.20	-2.80	-0.80	-9.70	-4.40	4.60	6.00	-5.10	-7.80
24	-2.40	-2.40	-1.90	-10.10	-4.00	4.80	5.90	-5.00	-7.60
25	-2.70	-2.00	-2.40	-10.20	-3.70	4.80	5.70	-5.10	-7.40
26	-2.60	0.	-2.90	-10.40	-3.20	5.00	5.70	-5.10	-7.00
27	-2.90	0.90	-2.50	-10.70	-3.60	5.10	5.80	-5.10	-6.60
28	-6.10	1.00	-4.00	-10.60	-2.90	5.20	5.90	-5.70	-6.30
29	-6.20	3.40	-4.60	-10.29	-2.10	5.30	5.90	-5.60	-8.70
30	-6.40	2.20	-5.10	-9.80	-2.00	5.20	5.50	-5.60	-8.70
31	-6.50	2.70	-5.20	-9.50	-1.10	5.30	5.40	-5.40	-8.80
32	-6.50	3.40	-5.60	-9.10	-0.10	5.00	5.00	-5.20	-9.10
33	-6.50	3.80	-5.50	-8.60	0.20	5.30	4.50	-4.90	-9.60
34	-6.40	4.10	-5.70	-8.70	0.90	4.70	4.20	-4.70	-9.50
35	-6.30	4.60	-5.80	-8.50	1.30	5.50	3.80	-4.60	-9.80
36	-6.20	5.00	-5.50	-8.30	1.80	5.70	3.40	-4.40	-9.70
37	-6.00	5.50	-5.70	-8.20	2.30	6.10	3.00	-4.10	-9.70
38	-5.90	6.50	-6.00	-8.00	2.70	6.20	2.50	-3.90	-10.00
39	-5.80	7.10	-5.60	-7.70	3.20	6.30	2.00	-3.70	-10.10
40	-6.00	7.50	-5.50	-7.50	3.50	6.40	1.70	-3.30	-10.20
41	-6.20	8.20	-5.30	-7.80	3.20	6.40	1.40	-3.00	-10.20
42	-6.50	8.50	-5.10	-7.70	3.20	6.50	1.10	-2.70	-10.30
43	-6.70	8.70	-5.40	-7.60	3.00	6.50	1.10	-2.70	-10.40
44	-6.90	8.40	-5.50	-7.30	2.70	6.00	0.90	-2.50	-10.50
45	-7.30	8.30	-4.00	-6.90	2.50	5.70	0.70	-2.40	-10.70
46	-7.50	8.00	-4.00	-6.70	2.70	5.40	0.30	-2.80	-10.70
47	-7.70	7.80	-6.10	-6.60	3.00	4.90	0.10	-3.20	-10.70
48	-8.40	7.50	-6.40	-6.80	2.60	4.00	0.	-3.50	-10.70
49	-8.50	7.40	-6.50	-6.10	3.00	3.00	-0.40	-3.70	-10.70
50	-6.80	6.80	-6.90	-5.70	3.00	2.60	-0.40	-4.00	-10.70

RECORDS=5-204      COMPONENT=N-5      SIGNAL=GR,AGC      CURVECTION=RC,ERR,      STATION=AOMORIS      TOTAL NUMBER OF DATA= 8950  
 DATE AND TIME=1968-05-16-19-39      SAMPLING INTERVAL= 0.010(SEC)      FORMAT RO,SOI

NO.	( /000)	( /050)	( /100)	( /150)	( /200)	( /250)	( /300)	( /350)	( /400)	( /450)
1	-10.89	-0.90	0.80	-4.80	-9.68	1.30	2.80	-6.00	-10.00	4.60
2	-11.01	-0.40	0.40	-4.70	-8.60	2.20	1.80	-6.10	-10.00	5.00
3	-11.51	0.	0.40	-4.80	-8.60	2.40	1.70	-6.40	-9.99	5.10
4	-11.50	0.30	0.30	-4.70	-8.60	2.80	1.50	-6.30	-9.70	5.50
5	-11.50	0.43	0.30	-4.80	-8.58	3.40	1.50	-6.20	-9.49	5.90
6	-11.59	0.60	0.30	-4.70	-7.60	4.10	1.10	-7.10	-9.10	5.90
7	-11.10	1.40	1.60	-4.80	-7.50	4.70	0.70	-7.40	-9.09	5.90
8	-10.99	1.80	1.80	-4.80	-7.20	5.40	0.40	-7.80	-8.70	5.90
9	-10.69	2.20	1.90	-4.80	-6.80	6.00	0.10	-8.01	-8.50	6.00
10	-10.50	2.70	1.80	-4.80	-6.50	6.60	0.	-8.50	-8.49	6.10
11	-10.30	3.20	1.60	-5.10	-6.00	7.10	-0.00	-8.80	-7.90	6.20
12	-10.00	3.80	1.80	-5.10	-5.80	7.40	-0.20	-8.80	-7.68	6.10
13	-9.80	4.30	1.90	-5.10	-5.50	7.40	-0.50	-8.80	-6.29	5.90
14	-9.71	4.80	1.80	-5.10	-5.20	7.40	-0.80	-8.80	-5.49	5.90
15	-9.60	5.10	1.80	-5.20	-5.00	7.40	-1.30	-8.80	-4.50	5.90
16	-9.40	5.60	1.60	-5.20	-5.00	7.40	-1.70	-8.80	-4.20	5.90
17	-9.40	5.80	1.50	-5.20	-4.90	7.30	-2.00	-8.80	-4.10	5.90
18	-9.30	5.80	1.40	-5.20	-4.70	6.90	-2.30	-9.10	-3.90	5.90
19	-9.20	5.80	1.40	-5.20	-4.70	7.00	-2.60	-9.11	-3.60	5.90
20	-9.00	5.90	0.90	-6.00	-4.40	7.00	-3.10	-9.40	-3.20	6.00
21	-8.70	6.80	0.50	-6.40	-4.10	7.00	-3.50	-9.51	-3.00	6.20
22	-8.50	6.00	0.60	-6.40	-3.90	7.00	-3.90	-9.91	-2.60	6.20
23	-8.20	6.10	0.60	-6.70	-3.80	7.00	-4.30	-10.21	-2.00	6.20
24	-7.90	6.30	0.50	-7.10	-3.10	7.00	-4.60	-10.21	-1.50	6.30
25	-7.70	6.00	0.30	-7.20	-2.20	7.00	-3.60	-10.41	-1.00	6.50
26	-7.40	6.00	0.60	-7.80	-1.90	7.30	-3.50	-11.10	-0.50	6.60
27	-7.10	6.20	0.80	-8.10	-1.70	7.20	-3.60	-11.21	0.00	6.70
28	-7.20	6.80	1.10	-8.10	-1.40	7.20	-3.60	-11.71	0.40	7.00
29	-7.20	6.70	1.20	-8.50	-1.00	7.20	-3.60	-11.91	1.00	7.00
30	-7.50	6.80	1.10	-8.60	-0.60	7.00	-3.60	-12.21	1.20	7.10
31	-7.70	6.80	1.10	-8.70	-0.70	6.90	-3.60	-12.50	1.30	7.20
32	-7.80	6.80	1.10	-8.90	-0.60	6.80	-3.60	-12.47	1.90	7.40
33	-6.60	6.80	1.90	-9.11	-0.40	6.80	-3.60	-11.70	1.90	7.60
34	-6.10	6.40	1.90	-9.41	-0.40	6.50	-3.90	-11.70	1.90	7.70
35	-6.30	6.20	1.90	-9.70	-0.40	6.00	-3.90	-11.50	1.90	7.80
36	-6.00	6.10	1.90	-9.91	-0.40	5.80	-3.90	-11.00	1.90	7.90
37	-5.90	5.70	1.40	-10.20	-0.40	5.50	-3.90	-10.90	1.80	8.20
38	-6.50	5.50	1.10	-10.30	0.	4.70	-3.90	-10.80	1.60	8.40
39	-6.40	5.30	0.80	-10.30	0.00	4.40	-4.20	-10.50	1.70	8.71
40	-5.90	4.20	0.80	-10.50	0.20	4.20	-4.40	-10.30	1.90	9.40
41	-5.20	5.70	0.70	-10.50	6.40	4.00	-4.50	-10.10	1.90	9.61
42	-4.70	5.10	0.60	-10.50	0.80	3.70	-4.70	-10.00	2.00	9.90
43	-4.40	2.70	0.30	-10.20	0.90	3.80	-4.90	-10.80	2.80	10.10
44	-3.80	2.50	0.20	-10.20	1.00	3.60	-5.00	-10.00	2.20	10.10
45	-3.10	1.90	0.80	-9.80	1.20	3.40	-5.00	-10.00	2.30	9.90
46	-2.70	1.80	0.90	-9.70	1.30	3.30	-5.00	-10.00	2.40	9.90
47	-2.60	1.50	0.20	-8.60	1.40	3.00	-5.10	-10.00	3.40	9.80
48	-2.50	1.50	0.10	-8.40	1.50	2.50	-5.20	-10.00	3.90	9.60
49	-2.40	1.20	0.10	-8.20	1.50	2.30	-5.30	-10.00	4.00	9.60
50	-1.70	1.10	0.10	-8.60	1.50	2.10	-5.80	-10.00	4.30	9.40

RECORD=S-264      COMPONENT=N-S      SIGNAL=GR.ACC.      CURSEC=ION=ARC.ERR.      STATION=AOMORI-S  
 DATE AND TIME=1968-05-16-19-39      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA= 8950

NO.	( 7500 )	( 7550 )	( 7600 )	( 7650 )	( 7700 )	( 7750 )	( 7800 )	( 7850 )	( 7900 )	( 7950 )
1	9.40	-3.20	0.60	-0.00	1.90	0.40	-3.90	-3.90	6.61	-0.40
2	9.30	-3.50	0.40	-0.10	2.00	0.60	-3.90	-3.70	7.31	-0.50
3	9.20	-3.70	1.00	-0.40	2.40	1.20	-4.20	-3.10	7.80	-0.50
4	8.99	-3.80	1.40	-0.70	3.20	1.40	-4.50	-2.50	7.90	-0.50
5	8.60	-3.90	1.90	-1.00	3.40	1.60	-5.00	-2.10	8.10	-0.60
6	8.60	-4.20	2.00	-1.50	3.10	1.80	-5.30	-1.90	8.00	-0.50
7	8.40	-4.50	2.40	-1.70	3.00	1.70	-5.70	-1.60	8.31	-0.50
8	8.20	-4.50	3.10	-1.10	2.40	1.80	-5.90	-1.20	8.70	-0.50
9	7.90	-5.00	3.70	-0.70	2.00	1.80	-6.10	-0.70	9.00	-1.10
10	7.60	-5.30	4.00	-1.20	1.60	1.60	-6.10	-0.60	9.00	-1.20
11	7.40	-5.60	4.40	-1.70	1.50	1.30	-5.90	0.	9.00	-1.20
12	7.09	-5.90	2.00	-1.80	1.10	1.20	-5.70	0.	8.99	-1.20
13	6.30	-6.50	2.50	-1.90	0.60	1.00	-5.50	0.	8.60	-1.20
14	5.90	-7.00	2.60	-2.00	0.10	0.60	-5.10	0.	8.40	-1.50
15	5.50	-7.20	2.90	-2.20	0.	0.30	-4.60	0.	8.10	-1.50
16	5.10	-7.40	2.80	-2.50	0.	0.10	-4.50	0.00	7.90	-1.50
17	4.50	-7.40	2.80	-2.50	-0.00	0.	-4.60	0.50	7.60	-1.50
18	4.20	-7.00	3.50	-2.60	-0.10	0.00	-4.20	0.50	7.29	-1.50
19	4.00	-6.70	4.00	-3.00	-0.30	0.10	-3.90	1.00	6.60	-1.50
20	3.70	-6.30	2.80	-3.20	-0.50	0.40	-3.90	1.20	6.30	-1.50
21	3.70	-6.30	2.80	-3.60	-0.50	0.	-3.90	1.60	6.00	-1.50
22	3.30	-6.20	2.60	-3.90	-0.70	0.	-3.90	1.90	5.90	-1.50
23	3.00	-6.10	2.40	-4.30	-0.70	0.	-4.10	1.90	5.90	-1.50
24	2.40	-5.90	2.20	-5.00	-0.50	-0.00	-4.20	2.20	5.90	-1.50
25	2.10	-5.90	2.00	-5.10	-0.70	-0.30	-4.60	2.60	5.90	-1.50
26	1.90	-5.80	4.50	-5.40	-1.00	-0.20	-5.00	3.20	5.90	-1.50
27	1.80	-5.70	4.20	-5.60	-1.60	-1.10	-5.10	3.60	5.90	-1.50
28	1.50	-5.70	3.90	-5.70	-1.70	-1.20	-5.10	3.80	5.80	-1.50
29	0.70	-5.70	3.90	-4.70	-1.70	-1.70	-5.40	3.90	5.70	-1.50
30	0.	-5.60	3.70	-4.70	-1.80	-1.90	-5.60	4.50	5.60	-1.70
31	-0.00	-5.50	3.40	-4.60	-1.90	-1.90	-5.60	4.60	5.60	-1.90
32	-0.20	-5.50	3.40	-4.10	-1.90	-2.10	-5.60	4.60	5.00	-1.90
33	-0.50	-5.10	3.00	-3.90	-2.10	-2.40	-5.60	5.20	4.60	-2.10
34	-0.40	-5.00	2.60	-4.70	-2.30	-3.00	-5.60	5.60	4.40	-2.30
35	-0.60	-4.70	2.40	-5.00	-2.50	-3.20	-5.60	5.90	4.10	-2.30
36	-0.40	-4.60	2.20	-5.20	-2.50	-3.60	-5.60	6.10	3.90	-2.30
37	-0.60	-4.40	1.90	-5.60	-2.50	-3.90	-5.60	6.10	3.60	-2.30
38	-0.10	-4.10	1.60	-5.10	-2.40	-4.10	-5.60	6.10	3.10	-2.50
39	-0.10	-3.90	1.20	-4.70	-2.10	-4.20	-5.60	6.30	2.50	-2.00
40	-0.70	-3.70	0.50	-4.70	-1.90	-4.70	-5.60	6.30	1.70	-1.90
41	-1.10	-3.40	0.10	-5.60	-1.90	-4.40	-5.10	6.00	1.20	-1.90
42	-1.40	-2.60	0.	-5.10	-1.70	-4.20	-5.00	6.00	0.20	-1.90
43	-1.70	-2.10	0.	-4.70	-1.50	-4.00	-4.70	5.90	0.	-1.90
44	-1.70	-1.80	-0.00	-4.30	-1.00	-3.90	-4.60	5.90	0.	-1.80
45	-1.90	-1.40	-0.20	-4.90	-0.60	-3.90	-4.50	6.20	0.	-1.80
46	-2.10	-1.10	-0.10	-5.10	-0.30	-3.30	-4.50	6.20	0.	-1.80
47	-2.10	-0.50	0.	-5.00	0.	-3.70	-4.50	6.20	-0.00	-1.90
48	-2.40	-0.10	0.	-4.50	0.	-3.50	-4.50	6.20	-0.10	-1.90
49	-2.60	0.	0.	-4.60	0.	-3.70	-4.20	6.20	-0.10	-1.90
50	-3.10	0.00	0.00	-4.40	0.00	-3.90	-4.10	6.20	-0.40	-1.90

REGORID=S-204  
 DATE AND TIME=1968-05-16-19-39  
 COMPONENTS=EW  
 SIGNAL=GR.ACC.  
 CURVECTION=ZERO.ARC  
 TOTAL NUMBER OF DATA= 8950  
 STATION=AOHORI-S  
 FORMAT NO.=301

NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	0.00	-1.84	0.01	1.77	1.02	-8.12	-4.07	9.16	-0.36	1.50
2	2.87	-1.95	0.01	1.97	1.02	-7.87	-6.18	7.08	-1.96	1.50
3	2.40	-3.95	0.71	2.06	1.12	-4.11	-7.97	7.07	-3.56	1.50
4	2.00	-6.06	0.10	2.06	1.72	-1.42	-8.16	5.87	-4.66	1.20
5	1.99	-7.95	-0.09	1.16	2.22	1.47	-7.25	3.28	-4.66	-0.40
6	-1.90	-7.94	-2.40	-0.14	3.72	1.47	-5.76	0.68	-4.16	-0.41
7	-2.40	-7.43	-4.50	-3.24	5.12	1.47	-3.67	-0.32	-2.76	-0.41
8	-2.10	-5.82	-5.60	-4.44	5.12	-0.25	-2.17	-0.32	-2.26	-0.41
9	-0.01	-1.95	-5.40	-5.64	5.71	-0.25	-2.17	-0.32	-1.46	-0.41
10	0.99	-0.05	-5.39	-5.94	5.71	-1.66	-2.18	-0.22	-0.76	-0.41
11	1.39	-0.05	-4.39	-5.71	5.11	-1.63	-2.18	-0.22	-1.87	-0.41
12	1.59	-0.05	-6.00	-5.93	5.11	-1.43	-1.68	1.38	-2.97	-0.41
13	1.50	-1.26	-0.30	-4.03	4.01	-0.25	0.82	1.58	-4.87	-0.41
14	0.99	-3.86	-4.01	-0.85	3.01	1.27	1.62	2.78	-6.07	-0.41
15	-0.01	-3.86	-4.01	0.85	2.01	1.66	1.62	3.58	-6.07	-0.41
16	-0.11	-6.86	-5.21	1.75	1.21	1.66	1.62	3.58	-6.05	2.89
17	-0.11	-6.85	-6.21	1.75	-0.19	1.66	1.42	3.57	-3.66	2.89
18	-0.02	-0.06	-7.19	1.75	-0.19	0.96	0.92	3.27	-1.57	3.58
19	1.28	3.94	-6.20	1.75	-0.19	0.96	0.92	3.27	-1.67	3.58
20	1.88	6.84	-6.11	1.15	0.61	0.96	-0.28	0.97	-2.27	3.58
21	2.18	4.14	-6.01	-0.15	1.60	-0.24	1.61	-1.53	-3.48	3.58
22	0.18	6.92	-5.81	-7.87	1.70	-0.24	1.61	-3.76	-4.28	3.58
23	0.18	-0.06	-5.79	-8.67	1.70	-2.14	2.71	-4.03	-4.68	3.78
24	1.58	-0.67	-6.11	-9.26	1.70	-2.14	2.71	-5.04	-4.78	3.58
25	-1.23	-1.57	-4.50	-9.26	1.40	-2.04	3.21	-6.33	-4.68	3.58
26	-2.22	-1.57	-5.29	-9.26	1.40	-2.04	3.01	-6.33	-3.98	3.58
27	-2.22	-0.07	-5.92	-9.47	1.40	-0.25	3.01	-6.34	-3.57	3.47
28	-1.52	-0.07	-5.92	-9.86	1.40	1.65	2.71	-6.34	-0.48	3.17
29	-1.23	-0.07	-5.92	-9.86	1.40	1.72	2.71	-6.33	1.62	1.47
30	0.27	-0.07	-11.03	-8.22	2.00	3.15	2.70	-5.46	4.02	0.57
31	0.27	-0.07	-11.03	-8.22	2.00	3.15	2.70	-4.44	5.52	-0.43
32	0.27	-0.07	-9.24	-7.74	2.89	3.24	1.60	-3.74	6.22	-4.25
33	0.57	-0.07	6.65	-6.26	2.99	3.24	1.60	-3.44	7.00	-4.44
34	0.67	1.05	6.07	-5.62	3.69	1.65	0.80	-3.54	6.01	-6.33
35	0.67	1.05	6.07	0.14	3.69	0.95	-0.30	-3.54	4.89	-6.31
36	0.87	1.82	5.04	2.04	3.69	-0.25	-2.00	-3.54	4.89	-6.31
37	0.25	1.82	-0.12	3.06	3.69	-2.16	-3.90	-3.34	-0.39	-4.30
38	-0.03	0.22	-0.12	3.69	3.69	-3.36	-5.41	-3.33	-2.29	-3.95
39	-0.24	-1.78	-0.12	1.79	3.69	-4.16	-6.21	1.86	-4.19	-2.35
40	-3.94	-3.94	-0.11	-0.11	3.69	-4.16	-7.41	1.86	-4.29	3.57
41	-5.84	-5.84	1.18	-2.07	3.69	-4.16	-7.80	4.06	-4.29	5.57
42	-5.84	-5.84	1.18	-3.57	3.66	-2.26	-7.80	4.85	-4.29	5.46
43	-3.92	-5.84	4.24	-4.07	2.88	-1.36	-7.88	5.25	-1.89	5.46
44	1.65	-5.27	3.67	-1.07	1.68	-0.26	-6.19	5.25	0.61	5.6
45	1.65	-4.16	3.67	-4.07	-0.22	1.14	-4.30	5.24	0.80	5.05
46	3.56	-3.56	1.57	-3.11	-1.22	2.94	-2.21	4.15	0.80	3.85
47	3.75	-2.16	4.27	-2.07	-0.83	2.94	-0.31	4.15	0.80	1.46
48	3.74	-0.16	0.67	-0.16	1.63	1.63	3.70	3.95	0.80	-0.44
49	0.95	0.01	0.87	-0.92	-8.02	-0.17	7.31	3.54	0.80	-0.44
50	1.65	2.21	-1.03	1.02	-8.12	-1.57	9.29	1.54	1.50	0.66

NO.	( 500)	( 550)	( 600)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	1.45	3.41	-7.91	2.82	-0.62	-0.67	0.69	-6.51	9.01	2.65
2	1.45	3.41	-6.50	3.52	1.28	2.65	0.79	-0.76	15.26	3.05
3	1.45	3.20	-2.73	3.51	1.17	1.73	1.19	1.14	18.30	3.05
4	1.45	1.41	-0.54	1.52	1.27	5.24	1.29	1.54	18.21	3.05
5	-0.45	-0.49	0.56	-0.58	1.27	7.23	2.68	2.24	17.07	3.05
6	-0.35	-0.50	0.96	-4.48	1.17	7.23	3.18	2.44	16.60	3.05
7	-0.45	-0.70	1.36	-4.68	-2.73	7.23	3.18	1.14	14.90	3.05
8	-1.55	-0.60	2.76	-3.97	-4.53	5.22	1.18	-4.67	10.88	3.05
9	-2.35	-0.60	1.36	1.51	-4.43	4.52	2.48	-6.72	6.46	3.05
10	-2.35	-0.50	3.06	3.51	-4.42	3.22	-0.72	-12.18	3.08	3.05
11	-2.76	-0.50	3.98	3.51	-2.65	3.26	-2.12	-12.64	-2.41	2.84
12	-4.36	-0.40	4.38	3.50	-0.63	5.22	-2.02	-11.68	-2.72	2.84
13	-4.46	-0.50	10.85	3.50	-0.63	5.22	-2.02	-8.66	-0.90	0.34
14	-4.46	-0.50	10.72	1.21	1.26	2.58	2.58	-8.15	-0.90	-2.36
15	-4.45	-0.50	7.64	-2.49	1.26	5.22	4.89	-6.55	-4.51	-2.76
16	-3.55	-2.40	8.62	-2.49	3.26	5.22	6.98	-4.67	-2.71	-2.76
17	-1.56	-2.40	9.68	-2.49	3.26	5.01	7.17	-3.87	1.09	-2.36
18	1.04	-2.41	10.55	-2.50	3.26	3.21	7.17	-2.57	3.08	-0.86
19	3.04	-2.11	-2.75	-4.10	3.26	2.51	7.17	-0.77	3.19	1.04
20	4.94	-0.51	-7.05	-4.20	3.26	-0.69	7.05	-0.77	5.08	3.44
21	5.54	-0.51	-7.05	-4.10	2.95	-0.69	5.17	-0.82	3.19	3.04
22	5.44	-0.51	-3.65	-4.19	1.26	-0.69	5.05	1.02	5.04	5.04
23	5.44	-0.51	-2.75	-4.30	-4.56	-0.69	1.07	1.12	6.88	5.04
24	5.44	-0.51	0.44	-0.60	-9.48	-1.79	-0.83	1.12	6.76	7.03
25	5.55	-0.51	3.51	-10.02	-2.29	-2.29	-5.74	1.12	5.07	7.03
26	5.22	-0.51	7.14	-13.70	-2.29	-2.29	-4.84	1.12	3.07	7.02
27	5.43	-0.51	10.60	-12.99	-12.99	-2.29	-4.83	2.52	1.07	6.12
28	2.63	-0.51	10.80	-13.02	-2.39	-2.39	-2.73	3.12	-3.93	5.02
29	-0.47	-0.52	10.71	-10.50	-0.69	-0.69	0.76	5.14	-4.62	3.02
30	-2.17	-0.52	7.29	-8.51	1.21	3.17	3.17	9.21	-2.73	-0.87
31	-2.57	-0.52	6.76	-6.12	3.31	5.17	5.17	14.52	-1.93	-0.87
32	-2.57	1.28	1.24	-2.55	-2.55	5.22	7.20	14.72	-1.93	-0.87
33	-2.57	1.68	1.34	-0.61	-0.65	8.58	11.20	14.89	-1.93	-0.87
34	-0.88	2.88	1.54	0.53	0.53	7.19	12.56	14.27	-1.93	1.02
35	-0.48	5.50	2.53	-4.52	1.25	6.39	12.56	11.01	-2.23	4.13
36	-0.48	8.52	4.43	-5.72	1.24	4.99	12.64	7.09	-2.33	6.42
37	-0.48	11.09	0.63	-6.54	1.24	2.69	12.64	4.68	-2.23	6.42
38	-0.48	11.38	-1.87	-9.82	1.24	-2.60	10.81	-0.79	-0.83	6.42
39	-0.48	11.36	-4.37	-10.26	-0.66	-4.30	9.14	-3.99	0.86	6.42
40	-0.48	10.60	-7.84	-7.84	-2.96	-4.60	8.50	-8.90	1.06	6.42
41	0.72	7.35	-7.06	-2.51	-3.76	-4.60	4.91	-6.61	1.06	6.42
42	1.42	4.93	-6.27	1.28	-4.57	-4.59	4.91	-6.29	1.06	6.42
43	3.22	-3.93	-0.57	3.28	-6.57	-2.10	-2.35	-8.18	1.06	6.42
44	5.62	-8.75	-0.57	3.28	-7.76	0.39	-6.81	-6.79	1.06	5.00
45	5.62	-8.47	-0.57	3.28	-7.76	1.19	-12.66	-6.69	0.96	-0.89
46	5.62	-11.06	4.02	1.28	-7.76	1.19	-12.82	-5.87	0.96	-2.79
47	5.41	-12.13	4.02	-0.62	-7.72	1.19	-11.80	-2.09	0.96	-4.08
48	5.41	-13.06	1.32	-0.62	-4.56	1.19	-10.11	-2.71	0.96	-4.08
49	5.17	-9.70	1.32	-0.62	-2.56	0.69	-8.03	6.72	-2.19	-2.19

RECORDS=264  
DATE AND TIME=1968-05-16-19-39  
COMPONENT=E-H  
SAMPLING INTERVAL=0.010(SEC)  
CORRECTION=ZERO,ARC  
FURHAT,NO.=301  
STATION=AOHORI,NS  
TOTAL NUMBER OF DATA= 8950

RECORDS=264  
 DATE AND TIME=1968-05-16-19-39 COMPONENT=E+H SIGNAL=GR,ACC. CORRECTION=ZERO,ARC STATION=KOMORI-S  
 SAMPLING INTERVAL= 0.040(SEC) FORMAT NO.#301 TOTAL NUMBER OF DATA= 8950

NO.	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	-0.89	4.57	4.92	-1.02	2.13	6.76	14.33	8.70	-8.33	-11.44
2	-0.89	4.36	4.92	-1.02	2.43	4.48	13.94	8.70	-7.13	-9.61
3	0.41	2.96	4.93	-2.03	2.83	2.48	13.94	8.73	-5.14	-5.46
4	0.81	2.36	6.43	-2.93	4.63	0.18	13.94	10.50	-3.15	-0.89
5	0.81	-0.94	5.22	-6.13	4.84	-1.12	13.89	10.50	-1.55	2.01
6	-0.90	-0.94	6.70	-6.75	6.87	-1.12	12.60	10.69	-0.25	5.06
7	-0.90	-0.94	14.03	-8.70	10.83	-1.12	8.58	10.69	0.65	9.74
8	-0.90	-0.94	14.41	-10.83	10.83	-1.12	4.72	10.69	1.85	11.52
9	-0.80	-0.94	14.26	-14.84	10.77	-1.12	0.73	10.69	2.55	12.12
10	2.70	0.16	10.89	-14.84	8.79	-0.12	-6.29	10.69	2.54	12.58
11	4.81	0.86	10.11	-12.86	6.60	0.58	-9.14	10.69	2.54	11.85
12	6.41	0.96	10.21	-10.63	4.12	0.78	13.07	10.57	0.64	10.12
13	7.01	2.05	10.13	-6.48	2.52	2.78	-13.07	9.96	0.64	6.58
14	8.50	2.25	10.95	-1.03	0.92	4.48	-13.07	8.65	0.74	4.80
15	8.47	0.95	12.52	4.87	0.22	4.48	-13.07	6.68	1.74	4.59
16	7.00	-0.95	12.91	6.78	0.02	4.65	-13.00	6.49	2.64	3.29
17	6.97	-0.95	14.96	6.78	0.12	4.65	-11.00	6.60	4.85	2.19
18	4.96	0.95	14.31	8.79	0.12	-2.55	-10.82	8.19	6.74	0.99
19	-0.91	2.05	14.30	4.87	0.21	-5.04	-8.64	8.68	6.84	6.84
20	-4.81	2.05	10.98	6.93	0.81	-6.73	-6.23	8.68	6.94	-0.01
21	-4.82	2.05	8.87	4.84	0.81	-6.81	-1.17	8.68	6.33	0.09
22	-6.81	0.95	8.87	1.95	2.82	-6.74	3.83	8.45	6.63	1.69
23	-6.83	0.45	6.90	-2.34	4.82	-3.03	6.74	6.66	6.63	2.59
24	-8.82	-0.90	9.88	-2.34	6.44	-2.55	8.78	4.67	6.32	4.62
25	-8.61	-2.36	4.87	-1.03	6.44	-2.55	12.43	2.47	5.03	10.61
26	-8.61	-2.36	-2.00	-2.93	10.12	-1.14	12.43	2.47	5.03	10.61
27	-8.61	-2.36	-2.00	-4.93	10.81	-1.14	13.86	-8.53	4.33	12.78
28	-8.81	-2.36	-2.00	-6.03	10.81	-1.14	14.72	-8.95	3.73	12.59
29	-8.82	0.24	-2.90	-6.93	10.81	-1.14	14.72	-10.98	3.73	12.58
30	-8.61	0.54	0.90	-7.06	10.76	-1.14	14.72	-13.13	4.63	12.58
31	-8.20	0.94	4.90	-6.23	8.79	-1.14	14.72	-13.06	5.85	12.58
32	-8.91	0.94	4.89	-8.23	7.89	-1.14	14.62	-11.17	8.88	12.58
33	-5.97	0.94	4.89	-6.93	6.76	-1.14	12.64	-8.80	12.01	12.51
34	0.78	2.14	4.79	-6.84	2.86	-2.24	10.56	-6.66	14.84	10.49
35	2.48	2.34	4.79	-5.23	-1.10	-2.84	8.16	0.67	15.50	6.56
36	2.98	4.34	4.48	-4.73	-1.10	-2.84	4.39	0.67	15.50	6.56
37	2.98	6.34	4.89	-2.93	-1.10	-3.15	4.39	4.69	20.86	4.57
38	2.98	6.93	2.89	-2.93	-1.10	-3.15	-1.19	10.12	23.66	2.57
39	2.97	6.83	2.88	-2.56	-1.10	-5.06	-6.30	12.47	26.92	-3.26
40	-0.93	6.32	0.69	-1.06	0.70	-9.12	-7.09	12.56	26.92	-5.24
41	-2.83	4.93	3.19	-1.06	0.80	-12.95	-7.09	12.43	26.78	-7.24
42	-4.03	4.93	-2.02	-1.06	2.60	-12.95	-7.09	8.63	25.17	-8.83
43	-4.43	4.94	-6.14	-1.06	4.81	-11.10	-6.59	6.66	19.56	-8.83
44	-4.64	6.93	-8.69	-1.06	8.60	-11.10	-6.59	6.64	16.02	-8.79
45	-6.62	6.93	-9.98	-1.06	8.79	-5.13	-6.19	4.65	4.29	-6.68
46	-4.62	6.94	-5.22	-1.06	8.79	-1.13	-3.09	2.65	-0.89	-1.33
47	-2.83	8.53	-4.72	-1.06	8.79	4.55	-3.09	0.14	-9.42	0.57
48	-0.93	8.60	-2.72	6.80	6.79	4.55	0.60	-2.75	-16.18	4.49
49	0.47	6.92	-1.02	0.83	8.76	5.98	2.70	-5.16	-17.37	10.60
50	0.67	6.40	-1.02	0.83	6.79	10.30	4.71	-7.16	-15.73	11.98
						12.80	6.72	-8.74	-12.84	12.57

NO.	RECORD=5-264 COMPONENT=r-w SIGNAL=GR.ACC. CUR-CORRECTION=ZERO.ARC TOTAL NUMBER OF DATA= 8950									
	( 1200)	( 1350)	( 1500)	( 1650)	( 1700)	( 1750)	( 1800)	( 1850)	( 1900)	( 1950)
1	12.55	-5.08	10.46	-2.97	-0.51	-17.21	25.07	-9.45	33.61	12.16
2	12.01	-0.08	9.85	-1.47	-0.51	-14.98	30.43	-9.45	31.39	12.16
3	10.22	-0.08	9.47	-0.27	-1.52	-13.46	32.04	-9.41	30.17	12.16
4	6.53	-0.08	7.95	2.46	-3.22	-13.46	30.84	-7.48	29.91	12.16
5	6.54	0.12	6.47	4.45	-5.02	-13.46	27.96	-1.65	29.64	12.15
6	4.56	-0.08	9.17	10.47	-5.01	-13.54	26.00	0.25	30.20	11.86
7	4.15	-1.39	7.76	12.48	-4.51	-15.53	22.91	5.78	30.46	11.87
8	2.56	-1.39	4.47	14.04	-3.11	-16.93	11.98	10.34	31.23	12.22
9	2.36	-1.39	4.47	14.49	0.22	-19.56	2.28	14.25	30.09	14.21
10	2.36	-2.59	4.47	16.01	1.68	-20.74	-7.53	14.16	29.31	15.49
11	2.36	-2.89	6.44	17.58	6.44	-21.59	-9.62	12.00	27.89	16.35
12	2.35	-2.89	5.50	18.51	12.49	-22.75	-14.75	4.24	24.92	19.77
13	2.35	-3.29	10.46	19.62	16.11	-23.38	-13.36	2.14	16.98	22.59
14	2.45	-4.80	10.46	19.52	20.28	-23.47	-9.33	-1.66	11.93	26.67
15	2.55	-7.09	10.45	18.37	22.67	-23.71	0.29	-9.50	3.49	30.36
16	2.65	-7.32	9.82	17.82	22.52	-25.75	11.76	-11.65	0.20	34.71
17	0.55	-9.32	7.72	16.10	23.77	-27.77	18.01	-11.02	-5.63	38.48
18	0.55	-10.50	4.34	13.87	23.53	-29.51	25.77	-9.45	-9.75	40.08
19	0.55	-10.90	0.46	10.37	21.25	-29.47	41.82	-2.76	-16.98	40.15
20	0.55	-10.86	-4.96	8.44	16.25	-29.48	49.32	2.04	-19.78	40.15
21	4.57	-9.29	-0.48	9.88	14.16	-28.77	51.29	6.32	-21.79	39.84
22	10.38	-8.77	-10.91	10.45	11.44	-25.15	51.08	14.71	-23.41	38.70
23	11.00	-7.29	-13.34	12.06	3.66	-22.60	50.12	24.66	-23.39	37.13
24	13.66	-6.88	-13.52	13.64	1.77	-18.03	44.15	27.65	-22.81	36.51
25	14.14	-6.29	-13.53	14.55	1.47	-9.60	33.32	28.25	-19.45	37.65
26	14.14	-6.60	-9.27	17.57	2.37	0.02	22.53	27.80	-17.48	36.62
27	14.97	-1.40	-5.31	16.50	10.66	7.88	9.80	24.17	-15.59	41.98
28	12.47	-1.40	0.45	19.71	14.84	12.44	13.73	13.73	-15.12	46.92
29	10.47	-1.40	4.47	19.71	25.11	16.03	-9.73	2.22	-15.24	49.17
30	7.00	-1.41	7.95	19.60	31.11	16.32	-25.17	-8.92	-17.66	50.19
31	4.52	-1.41	7.92	18.40	35.75	16.20	-26.17	-18.14	-19.96	50.24
32	0.54	-1.41	5.63	18.17	35.17	14.28	-22.56	-26.16	-24.00	50.18
33	-1.37	0.49	2.44	16.29	33.87	13.08	-18.49	-30.66	-27.86	48.06
34	-2.28	0.49	-1.46	14.31	31.92	4.60	-9.13	-33.58	-34.57	42.82
35	-7.28	0.49	-0.58	12.21	29.97	1.61	1.88	-33.04	-39.68	35.35
36	-6.47	2.49	-7.46	6.37	26.25	-12.55	12.20	-29.38	-45.49	26.88
37	-6.44	4.29	-1.58	2.50	27.53	-7.25	16.27	-19.77	-51.01	19.63
38	-6.96	5.59	-13.07	1.50	25.44	-20.11	16.26	-5.12	-56.34	18.94
39	-6.55	6.50	-13.17	-0.10	19.80	-27.05	16.04	5.47	-60.09	9.39
40	-6.96	8.19	-10.80	1.50	15.63	-29.40	12.01	27.89	-63.03	2.12
41	-3.27	8.51	-8.38	-6.41	9.74	-28.61	4.25	37.97	-63.43	-3.19
42	-1.37	10.19	-0.66	-4.51	4.63	-26.25	0.26	44.88	-60.46	-9.19
43	-1.37	10.48	-1.46	-5.21	4.05	-22.78	-7.54	49.09	-54.58	-15.78
44	-1.37	10.4	-1.46	-5.41	-7.60	-1	-7.54	50.12	-45.34	-22.07
45	-1.37	10.48	-1.46	-5.40	-19.62	-11.44	-7.56	50.21	-33.63	-30.06
46	-0.08	10.48	-1.46	-5.40	-21.60	-9.25	-9.34	50.05	-20.07	-32.58
47	-0.08	10.48	-1.47	-1.51	-23.35	-1.60	-9.44	48.94	-3.62	-37.87
48	-0.08	10.48	-1.47	-1.51	-24.46	2.21	-9.44	45.44	1.57	-45.98
49	-0.08	10.48	-1.47	-1.51	-22.75	12.04	-9.45	41.23	6.21	-46.61
50	-0.08	10.48	-1.47	-0.51	-19.29	16.79	-9.54	37.88	11.48	-51.97

RECORD=S-264 DATE AND TIME=1968-05-15-19-39	COMPONENT=E-M	SIGNAL=GR.ACC.	CURSEY=ION=ZERO,ARC FORMAT NO.=301	STATION=AOMORI-S TOTAL NUMBER OF DATA= 8950			
NO.	( 2000 )	( 2100 )	( 2200 )	( 2300 )	( 2350 )	( 2400 )	( 2450 )
1	-56.88	71.90	10.55	-51.17	29.25	-30.69	23.53
2	-59.18	69.53	2.02	-55.71	28.26	-24.84	21.81
3	-62.25	57.97	-9.61	-55.40	29.49	-17.38	21.11
4	-65.21	46.29	-15.93	-53.16	27.94	-9.88	17.55
5	-68.23	33.97	-24.55	-47.84	27.79	1.50	13.27
6	-61.36	20.30	-30.57	-40.28	26.87	14.44	11.10
7	-59.97	3.24	-33.78	-31.71	25.86	27.78	5.61
8	-56.54	-9.95	-35.14	-23.13	23.23	38.25	-0.15
9	-52.66	-21.03	-29.55	-17.43	23.93	46.27	-2.06
10	-49.28	-34.03	-21.62	-11.65	23.93	55.21	-8.01
11	-45.89	-37.13	-9.58	-5.82	23.88	57.63	-12.33
12	-42.61	-36.54	0.02	-5.12	22.90	59.23	-23.49
13	-39.64	-32.34	5.59	-3.82	17.53	-26.47	-23.49
14	-37.17	-21.96	19.62	-1.93	11.65	26.65	-32.14
15	-34.67	-10.86	26.62	-1.93	9.16	26.84	-35.23
16	-30.48	-0.54	30.74	-0.23	-0.07	49.77	-35.16
17	-24.81	8.17	33.62	-0.03	-9.96	46.07	-34.19
18	-18.77	16.33	32.70	3.07	-14.22	39.75	-28.68
19	-7.57	24.94	26.58	3.98	-22.00	29.27	-16.39
20	2.12	28.09	22.85	5.98	-27.08	18.22	-5.59
21	16.30	29.76	15.76	7.99	-30.27	-0.52	5.40
22	28.15	30.16	11.12	-33.88	-9.93	16.50	50.73
23	41.75	31.86	4.00	-33.88	-11.21	29.40	44.60
24	50.26	31.81	-0.59	-33.40	-18.06	42.81	35.07
25	59.61	30.92	-1.89	-31.03	-35.05	20.10	25.86
26	59.91	27.11	-1.89	15.49	-27.56	-21.90	15.47
27	50.66	21.27	2.01	15.96	-25.82	-21.89	9.47
28	44.36	13.53	5.64	15.96	-25.26	-23.40	-1.12
29	36.12	1.15	10.22	15.85	-23.78	-24.35	-11.58
30	26.00	-11.19	15.44	13.87	-22.66	-27.98	-23.52
31	16.67	-24.78	20.26	11.47	-21.11	-31.76	-36.84
32	9.68	-40.00	24.19	5.03	-13.72	-35.29	-42.75
33	-1.81	-55.81	25.73	-0.04	-9.57	-41.47	-51.40
34	-2.91	-66.93	27.42	-0.04	-5.58	-47.41	-53.53
35	-1.61	-72.21	29.61	-0.14	-1.11	-41.74	-48.11
36	-0.11	-75.53	32.29	3.92	-38.17	-38.17	-47.96
37	3.21	-73.18	34.45	5.95	-37.78	-38.17	-47.01
38	12.27	-69.57	35.80	11.17	-37.94	-30.97	-45.24
39	18.28	-59.19	35.85	10.02	9.91	31.89	-42.22
40	23.95	-49.42	32.83	13.63	9.69	19.66	-39.39
41	28.99	-36.86	34.43	18.62	9.24	18.97	-36.28
42	34.75	-18.98	30.74	26.24	5.86	21.77	-30.15
43	40.69	-9.54	25.72	28.58	-0.80	21.57	-20.17
44	47.94	1.24	15.45	31.63	-5.44	19.45	-11.82
45	51.02	12.28	9.06	32.67	-11.89	15.56	-0.27
46	57.00	19.67	1.98	35.69	-18.49	11.69	1.72
47	61.54	20.16	-10.11	37.90	-26.83	8.91	3.71
48	65.56	21.50	-24.12	37.74	-35.35	5.67	18.52
49	70.16	19.18	-33.23	37.72	-43.90	6.82	19.66
50	71.67	17.12	-40.66	37.21	-53.43	23.75	21.68
						-4.04	21.68

NO.	RECORD=S-264										STATION=AOMORI-S	
	DATE ANU TIME=1968-05-13-19-39										TOTAL NUMBER OF DATA= 8950	
	COMPONENT=E-W										CORRECTION=ZERO,ARC	
	SIGNAL=SR,ACC.										FORMAT NO.=301	
	SAMPLING INTERVAL= 0.010(SEC)											
	( 2500 )	( 2550 )	( 2600 )	( 2650 )	( 2700 )	( 2750 )	( 2800 )	( 2850 )	( 2900 )	( 2950 )		
1	21.58	-30.06	-0.01	-2.37	24.17	50.41	-37.53	45.26	31.67	11.27		
2	20.60	-31.27	1.29	-12.68	28.98	29.35	-44.74	42.41	32.28	11.02		
3	18.83	-29.55	3.58	-25.18	29.41	28.77	-50.58	41.36	30.29	9.04		
4	15.56	-21.77	3.69	-33.73	29.13	27.13	-54.70	41.36	26.35	7.15		
5	13.33	-17.51	4.98	-40.93	26.74	24.85	-57.70	41.21	22.23	5.27		
6	9.55	-8.02	4.68	-47.92	21.67	20.45	-59.93	40.78	14.56	4.77		
7	3.66	3.15	3.58	-51.10	13.17	13.41	-61.78	40.08	9.13	4.77		
8	1.17	15.37	3.58	-52.71	4.95	14.60	-62.43	39.19	-0.69	5.28		
9	-4.24	25.93	3.58	-50.43	-2.42	11.44	-64.17	38.38	-8.34	7.33		
10	-7.96	29.03	3.58	-47.16	-10.53	11.50	-64.40	36.78	-11.71	12.46		
11	-9.98	29.18	4.90	-44.57	-20.12	13.60	-66.18	33.88	-12.49	15.37		
12	-12.14	27.19	8.72	-39.33	-28.54	17.89	-66.40	28.92	-12.48	19.77		
13	-12.07	24.74	11.67	-31.11	-33.26	24.15	-66.40	26.40	-11.90	26.16		
14	-10.09	22.86	13.01	-21.67	-40.88	30.75	-68.40	22.34	-5.86	32.59		
15	-7.68	17.36	19.91	-15.94	-46.56	38.33	-68.41	14.68	-0.69	36.85		
16	-3.33	13.45	25.99	-10.14	-46.56	44.71	-66.52	10.78	2.61	36.91		
17	0.76	9.17	27.06	-4.06	-50.04	54.54	-61.55	0.45	8.57	36.11		
18	1.36	6.65	27.75	-0.47	-51.27	50.27	-53.10	-10.19	13.20	33.12		
19	1.86	-0.39	28.48	3.53	-54.56	56.43	-43.41	-16.61	23.79	26.48		
20	1.26	-4.01	27.25	7.35	-57.65	59.43	-32.92	-22.49	28.71	21.81		
21	-2.25	-9.64	25.29	9.56	-59.85	59.33	-21.22	-25.28	35.23	13.98		
22	-9.94	-12.31	20.24	11.55	-60.92	65.74	-10.19	-30.88	35.30	3.25		
23	-14.41	-15.98	20.14	12.72	-60.92	51.97	-0.61	-33.00	34.29	-0.75		
24	-20.82	-15.60	13.47	15.64	-60.25	24.77	1.39	-34.46	30.02	-1.35		
25	-22.15	-12.07	11.07	17.56	-59.69	49.35	2.49	-34.46	23.34	-4.35		
26	-21.94	-8.08	7.56	25.01	-58.65	44.09	2.48	-34.46	12.91	-5.95		
27	-19.81	-0.39	7.56	28.57	-56.55	38.18	2.48	-34.46	2.58	-5.74		
28	-15.90	7.08	7.60	34.96	-53.64	34.86	2.48	-34.46	-4.53	-4.53		
29	-11.24	13.94	10.78	40.60	-50.18	33.23	3.39	-34.46	-10.65	-4.35		
30	-0.35	22.02	11.59	46.01	-46.27	34.28	7.31	-34.46	-16.72	-4.15		
31	5.18	25.60	12.79	49.27	-40.85	37.42	9.44	-34.99	-20.01	-4.15		
32	11.47	25.60	13.61	49.51	-32.89	37.82	12.77	-36.87	-19.85	-4.26		
33	16.06	25.33	14.79	49.51	-23.61	38.92	15.81	-38.05	-17.67	-4.55		
34	20.38	22.49	15.46	49.51	-17.79	40.04	23.80	-39.68	-14.15	-4.55		
35	25.49	13.09	15.64	48.51	-10.12	41.42	27.84	-42.97	-10.51	-2.65		
36	28.70	2.68	17.54	44.57	-0.53	41.42	33.64	-45.29	-10.12	-0.76		
37	34.14	39.41	22.15	39.41	11.94	41.42	37.94	-47.45	-1.41	0.94		
38	35.64	-16.68	28.34	34.55	17.73	41.09	43.35	-48.47	-0.71	3.03		
39	35.64	-25.85	34.88	26.77	21.46	40.14	48.86	-48.13	3.50	7.28		
40	35.64	-37.50	39.62	21.90	21.44	38.56	52.16	-46.26	8.59	10.94		
41	35.53	-44.72	42.76	14.66	21.20	35.28	54.65	-42.18	9.28	10.94		
42	34.65	-48.87	44.65	9.35	20.55	30.16	56.74	-37.28	10.94	10.94		
43	31.79	-49.51	44.65	1.90	19.46	24.39	57.37	-31.82	11.28	10.93		
44	27.32	-47.57	44.07	-0.50	19.46	17.13	57.37	-21.47	11.81	10.50		
45	24.61	-41.82	42.59	-1.20	19.61	12.59	57.02	-12.46	12.40	9.20		
46	15.06	-31.83	40.10	-0.60	21.56	3.40	55.61	-11.52	13.08	7.11		
47	9.44	-22.60	35.16	3.21	25.26	-0.29	53.97	0.42	13.08	5.22		
48	-0.37	-15.69	28.19	9.28	23.60	-10.66	52.09	9.47	13.08	3.23		
49	-11.58	-9.80	22.24	13.65	29.13	-20.97	50.14	17.77	13.08	1.23		
50	-22.85	-4.20	11.16	17.62	29.68	-29.77	48.13	26.22	12.53	-0.77		

RECORDS=264 COMPONENTS=W SIGNAL=UR,ACC. CURVECTIONS=ZERO,ARC STATION=ROMORI=5  
 DATE AND TIME=1968-05-16-19-09 SAMPLING INTERVAL = 0.010 (SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA= 8950

NO.	( 5000 )	( 5050 )	( 5100 )	( 5200 )	( 5250 )	( 5300 )	( 5350 )	( 5400 )	( 5450 )
1	-2.67	-0.82	7.74	24.95	-2.90	8.96	-12.88	-16.93	-12.88
2	-4.59	-8.70	4.64	24.19	-6.81	8.96	-12.87	-16.93	-12.87
3	-0.41	-14.02	7.94	22.83	-8.85	8.96	-12.82	-16.95	-10.96
4	-10.62	-18.92	4.34	22.07	-11.96	8.96	-10.19	-16.89	-10.20
5	-14.61	-22.79	5.14	12.70	-13.91	8.96	-6.06	-6.98	-6.98
6	-19.71	-24.16	6.95	10.87	-14.20	8.96	-2.98	-6.98	-6.98
7	-14.65	-24.20	2.46	4.48	-14.06	8.94	0.91	-8.81	-8.81
8	-10.40	-22.61	9.17	-4.75	-10.80	8.13	2.61	-1.73	-6.96
9	-20.03	-22.61	10.97	-16.00	-10.75	6.22	2.92	0.77	-4.98
10	-20.71	-20.36	12.55	-21.42	-8.74	2.55	6.96	8.89	-4.47
11	-23.83	-18.62	10.16	-22.37	-4.79	1.75	8.84	10.16	-3.08
12	-21.75	-18.60	10.16	-20.21	-2.70	-6.89	10.95	10.16	-1.98
13	-20.23	-18.66	10.16	-19.07	-1.00	-10.79	12.76	10.09	-1.18
14	-19.35	-18.44	13.11	-6.67	1.00	12.55	17.46	6.84	0.82
15	-12.45	-15.94	12.73	3.06	4.11	-12.65	25.18	4.25	8.87
16	-8.47	-14.25	12.73	15.46	8.59	-12.59	28.15	0.26	12.18
17	-1.08	-12.50	14.73	28.42	8.40	-10.80	34.88	-3.05	14.42
18	1.22	-8.54	12.72	67.77	8.99	-8.81	36.77	-6.88	19.08
19	6.65	-2.73	12.02	44.18	8.99	-6.41	36.78	-10.70	22.28
20	10.41	-0.83	12.02	48.79	9.02	-1.23	36.80	-15.13	22.94
21	10.41	3.18	12.06	48.05	10.70	2.05	35.23	-18.36	24.02
22	10.41	3.61	12.72	45.08	11.04	6.98	30.03	-22.72	25.05
23	10.38	11.21	12.72	59.96	12.89	10.87	25.62	-25.14	26.64
24	9.24	12.86	12.82	52.60	13.06	12.06	20.65	-26.44	26.81
25	11.11	14.70	12.86	41.58	14.99	12.54	17.77	-27.27	26.81
26	11.24	16.81	11.11	10.87	14.98	12.49	14.43	-29.30	26.76
27	12.51	19.25	10.68	-2.89	14.96	10.94	10.89	-30.85	26.26
28	12.50	21.16	9.11	-14.67	14.51	10.89	10.89	-30.47	24.55
29	19.20	21.16	8.98	-22.77	12.96	8.83	10.89	-30.47	22.77
30	19.17	21.16	7.09	-23.13	12.45	2.63	10.89	-28.36	21.51
31	12.66	21.16	5.11	-25.06	10.91	-1.17	10.96	-22.73	12.39
32	11.18	21.16	4.41	-23.94	8.05	-6.91	12.65	-20.22	6.06
33	10.36	21.07	4.21	-20.69	6.56	-10.92	14.47	-12.53	0.80
34	4.29	20.09	3.11	-16.05	4.47	-12.94	16.44	-8.80	-1.20
35	1.20	18.13	3.11	-10.17	2.98	-14.94	19.04	0.44	-3.10
36	1.20	15.06	3.11	-26.14	2.78	-16.47	20.89	6.88	-3.10
37	1.20	16.08	2.41	-26.74	2.57	-16.47	20.86	10.84	-3.10
38	2.90	11.00	1.11	-26.44	2.47	-16.38	20.43	10.88	-1.20
39	4.42	7.13	0.89	-24.46	0.97	-14.97	18.88	13.34	-1.20
40	10.71	1.15	-1.50	14.54	0.97	-34.86	18.49	13.34	0.09
41	11.23	-0.85	-1.50	15.02	0.97	-14.66	14.60	13.28	2.60
42	12.60	-2.75	-2.79	15.02	0.97	-14.56	10.77	10.55	4.29
43	12.89	-2.75	-0.90	14.92	0.97	-14.02	6.43	6.82	4.79
44	12.89	-2.75	2.61	12.87	0.97	-12.88	0.88	4.81	4.79
45	12.89	-2.75	7.17	8.96	2.57	-12.88	-1.52	0.85	4.79
46	12.64	-0.85	10.50	6.18	2.97	-12.88	-4.33	-2.07	4.79
47	11.11	3.15	12.98	2.71	4.98	-12.88	-6.96	-6.61	4.58
48	8.24	5.14	25.97	0.91	6.99	-12.88	-10.78	-11.02	2.79
49	5.17	5.14	31.10	-0.99	8.96	-12.88	-13.07	-13.04	2.58
50	2.63	7.14	30.91	-2.89	8.96	-12.88	-16.96	-16.96	0.78

NO.	( 3200 )	( 3550 )	( 3600 )	( 3650 )	( 3700 )	( 3750 )	( 3800 )	( 3850 )	( 3900 )	( 3950 )
1	-1.22	12.74	-12.11	-5.25	0.61	-3.54	20.70	0.47	8.49	12.35
2	-5.12	12.74	-12.16	-4.95	2.41	-3.33	22.52	2.47	12.53	11.45
3	-7.93	12.73	-15.01	-5.16	4.50	-0.14	22.30	2.47	15.57	10.34
4	-7.04	12.64	-16.24	-7.03	4.01	0.56	20.49	4.47	16.79	8.38
5	-9.05	12.69	-15.01	-7.17	6.21	2.56	19.90	4.47	22.61	8.22
6	-11.07	14.26	-12.96	-8.56	6.65	4.56	16.88	5.77	24.12	4.37
7	-13.02	14.79	-8.62	-9.15	11.77	6.16	13.97	6.17	24.12	2.38
8	-15.02	16.07	-9.21	-9.16	10.72	6.25	8.38	6.48	24.07	1.78
9	-17.02	16.73	-1.31	-9.12	13.73	6.15	0.19	7.97	23.57	0.38
10	-19.02	16.83	-0.21	-7.16	12.67	6.15	-9.33	8.46	22.00	-0.22
11	-21.02	18.45	0.69	-7.03	14.77	6.14	-11.35	8.49	17.91	-1.63
12	-23.12	18.73	2.19	-4.65	18.40	4.55	-13.42	10.36	12.29	-1.63
13	-25.05	18.73	2.18	-1.76	18.40	4.45	-16.69	10.50	8.33	-1.63
14	-27.01	18.70	0.68	0.24	18.27	4.04	-16.52	12.23	2.41	-1.63
15	-29.01	18.36	-0.12	0.64	16.58	2.54	-15.20	14.55	0.32	-1.63
16	-31.03	18.83	-1.32	0.64	16.29	-0.65	-13.14	16.56	-3.49	-1.63
17	-33.02	20.13	-3.22	0.64	14.50	-2.26	-9.09	18.16	-8.49	-1.63
18	-35.13	20.12	-5.22	0.64	12.51	-4.46	-3.39	18.14	-3.49	-1.63
19	-37.13	20.12	-7.22	-1.37	10.01	-6.77	0.50	17.76	-5.20	-1.63
20	-39.13	19.97	-2.22	-3.27	6.58	-8.46	6.55	17.76	-7.37	-1.63
21	-41.75	18.21	-1.82	-4.97	5.78	-9.76	12.01	16.45	-9.38	-1.63
22	-44.23	16.72	-1.32	-5.17	4.59	-12.25	12.56	16.34	-3.49	-1.64
23	0.98	16.70	0.28	-5.17	4.59	-11.46	13.93	16.21	2.11	-0.14
24	1.78	16.39	4.18	-5.17	4.59	-6.33	14.31	10.36	0.01	0.36
25	2.66	15.85	4.67	-5.17	4.58	-1.46	14.47	8.21	1.55	2.36
26	2.76	14.70	4.66	-5.17	4.58	0.84	13.93	6.21	4.41	4.38
27	2.76	14.25	2.67	-5.17	4.59	7.72	12.47	-2.45	6.44	8.42
28	2.76	12.65	2.67	-5.18	6.58	13.67	11.73	-8.57	10.24	12.07
29	2.46	10.61	1.87	-6.87	6.60	14.90	9.46	-9.41	12.40	12.36
30	2.46	6.50	0.67	-6.88	8.28	15.85	2.49	-12.54	12.40	12.36
31	0.46	4.71	0.67	-7.19	8.61	16.03	2.49	-15.07	12.40	12.36
32	-1.24	4.11	0.67	-8.38	10.58	16.03	-1.51	-17.07	12.40	12.36
33	-5.07	2.71	4.69	-8.48	10.58	15.95	-5.33	-19.42	12.40	12.36
34	-9.07	2.71	10.71	-8.58	10.58	14.44	-9.14	-21.54	12.40	12.36
35	-10.66	2.01	12.93	-8.58	10.58	12.52	-10.92	-23.37	12.40	12.36
36	-11.05	0.71	20.29	-8.56	10.57	12.09	-11.31	-25.70	12.40	12.36
37	-11.00	0.71	22.84	-7.18	10.53	12.09	-11.31	-27.36	12.40	12.36
38	-9.05	0.71	24.31	-6.96	10.53	7.57	-11.32	-29.33	12.40	12.36
39	-8.91	0.71	24.66	-5.17	6.57	3.52	-11.30	-31.33	12.40	12.36
40	-6.62	0.20	24.66	-3.28	6.54	-4.50	-10.59	-33.34	12.40	12.36
41	-3.15	-1.30	24.16	-1.38	3.66	-11.98	-9.31	-35.34	12.40	12.36
42	1.95	-3.20	20.40	0.01	0.57	-15.18	-9.31	-37.34	12.40	12.36
43	0.25	-3.20	17.55	0.61	-7.30	-17.09	-9.31	-39.34	12.40	12.36
44	0.75	-3.20	14.48	2.41	-5.04	-18.09	-9.31	-41.34	12.40	12.36
45	1.95	-5.11	10.54	2.51	-4.42	-19.31	-9.31	-43.34	12.40	12.36
46	4.26	-6.82	5.72	2.51	-3.42	-20.74	-9.31	-45.34	12.40	12.36
47	8.38	-8.74	0.65	1.91	-2.48	-22.32	-9.31	-47.34	12.40	12.36
48	10.59	-11.16	-0.15	0.61	-1.48	-24.16	-9.31	-49.34	12.40	12.36
49	12.55	-13.17	-1.35	0.61	-0.63	-26.32	-12.12	-51.34	12.40	12.36
50	12.74	-14.82	-3.25	0.61	-4.63	-28.76	-16.76	-53.34	12.40	12.36

RECORD=S-264  
DATE AND TIME=1968-05-10-19-39

COMPONENT=E+M  
SIGNAL=GR,ACC.  
INTERVAL=0.010(SEC)

CURVECTION=ZERO,ARC  
FORMAT NO.=301

STATION=AOMORI-S  
TOTAL NUMBER OF DATA= 8950

NO.	( 4000 )	( 4050 )	( 4100 )	( 4150 )	( 4200 )	( 4250 )	( 4300 )	( 4350 )	( 4400 )	( 4450 )
1	22.18	12.41	-7.55	2.11	-1.84	2.12	2.07	-1.97	-3.92	5.84
2	21.86	15.73	-9.51	2.20	-2.04	3.62	2.07	-0.47	-3.82	5.43
3	20.15	16.29	-7.53	2.00	-2.54	4.11	1.77	1.73	-2.12	4.53
4	18.19	16.29	-5.55	0.20	-2.54	4.11	0.07	4.03	-1.42	3.93
5	16.30	16.29	-4.85	0.20	-2.54	4.11	-0.23	5.53	-1.52	2.43
6	15.57	16.27	-4.75	-0.50	-2.14	3.81	-1.93	7.13	-1.12	-0.07
7	14.15	15.88	-4.66	-1.80	0.16	2.11	-1.93	8.04	-0.82	-1.97
8	10.27	13.92	-4.66	-1.80	3.27	1.81	-2.53	9.13	-0.82	-3.27
9	7.57	10.22	-4.66	-2.50	8.18	0.11	-2.84	9.43	-1.62	-3.87
10	2.35	10.10	-4.66	-2.50	10.22	-0.59	-3.84	9.92	-1.73	-3.97
11	2.23	6.27	-5.56	-2.70	13.66	-1.89	-3.84	10.02	-2.23	-3.97
12	0.53	4.28	-5.57	-2.70	16.26	-3.79	-3.84	10.05	-3.53	-3.57
13	0.23	3.78	-6.66	-2.50	18.59	-3.79	-3.84	11.32	-3.93	-2.57
14	-0.37	3.79	-6.97	-1.81	20.28	-3.80	-3.84	11.63	-4.43	-1.37
15	-2.27	5.29	-7.56	-0.71	21.68	-3.79	-4.94	12.01	-4.43	0.13
16	-2.48	7.41	-7.56	-0.71	21.97	-1.90	-5.77	12.05	-4.43	0.42
17	-0.58	10.18	-7.56	-0.71	22.15	0.10	-9.45	13.12	-4.43	0.42
18	-0.58	10.37	-7.57	-0.71	22.15	2.11	-9.78	13.82	-4.43	0.02
19	-3.58	14.46	-7.57	-0.61	22.11	10.19	-11.80	13.43	-4.03	0.02
20	-5.59	18.57	-7.57	-0.71	21.67	14.45	-13.83	13.91	-3.93	-0.18
21	-6.59	22.49	-7.54	-0.71	20.13	22.01	-15.94	14.01	-3.13	-0.38
22	-7.50	24.53	-5.57	-1.81	19.77	23.63	-19.40	14.01	-2.84	-0.68
23	-9.44	26.27	-5.36	-1.82	17.60	24.10	-21.21	14.05	-2.84	-0.68
24	-9.96	26.27	-6.67	-3.72	14.11	24.10	-19.15	15.12	-2.84	-0.68
25	-10.77	26.24	-6.67	-3.72	13.31	24.09	-21.75	15.42	-2.74	-1.18
26	-12.98	25.82	-6.67	-3.72	10.12	24.03	-21.55	15.72	-2.64	-1.78
27	-17.61	24.25	-5.77	-5.12	9.11	23.42	-19.75	15.91	-2.54	-2.64
28	-19.67	23.85	-1.77	-5.62	8.13	21.50	-19.70	16.00	-2.54	-3.59
29	-21.89	21.47	-1.77	-5.63	7.94	16.07	-19.15	16.00	-2.54	-3.59
30	-23.86	14.14	0.22	-7.62	8.15	15.61	-19.05	16.00	-1.94	-3.99
31	-25.17	11.18	1.52	-7.62	9.34	14.09	-17.73	15.89	-1.74	-4.09
32	-26.25	4.25	2.22	-7.62	9.53	14.09	-17.35	14.00	-1.74	-4.09
33	-29.49	0.27	2.22	-7.41	9.54	14.17	-15.76	13.82	-0.95	-4.09
34	-29.49	2.64	3.32	-6.71	10.13	15.99	-15.75	11.97	-0.85	-3.98
35	-29.49	5.56	3.62	-5.61	10.13	16.18	-15.64	11.07	-0.15	-1.99
36	-29.49	9.54	3.62	-6.72	10.13	17.90	-15.28	9.98	-0.15	1.81
37	-29.49	9.54	0.32	-2.20	10.11	19.62	-13.74	9.17	-0.05	3.81
38	-29.58	9.54	0.32	-2.22	9.93	21.25	-13.11	7.97	-0.05	5.82
39	-28.56	9.54	2.22	-1.83	9.90	21.90	-11.74	5.99	0.05	7.23
40	-20.77	9.54	1.91	-0.33	8.10	22.08	-11.13	5.98	1.35	9.53
41	-24.96	9.53	1.41	2.17	6.12	22.08	-9.76	3.89	1.35	10.71
42	-20.93	9.14	0.21	4.17	5.81	22.08	-9.76	1.85	1.85	10.80
43	-12.33	8.74	0.21	4.17	4.12	21.85	-9.77	1.99	2.45	10.80
44	-12.43	8.74	0.21	4.17	5.32	19.15	-9.77	1.79	3.75	10.67
45	-7.34	8.74	0.21	4.17	2.12	15.08	-9.82	-0.01	4.55	9.48
46	-2.00	8.75	0.21	3.86	1.72	12.01	-7.74	-0.71	5.04	8.49
47	1.70	8.85	2.01	2.16	0.12	10.03	-5.16	-2.01	5.24	7.68
48	0.33	8.86	2.01	2.16	0.12	8.02	-3.87	-2.62	5.44	6.09
49	9.83	9.35	2.01	1.86	0.12	4.07	-3.87	-3.92	4.79	5.84
50	11.42	9.55	2.21	0.16	0.12	3.47	-3.87	-3.92	5.74	3.59

RECORD=S-284  
DATE AND TIME=1968-05-16-19-39  
COMPONENT=E-W  
SIGNAL=GR.ACC.  
CURVE=ZERO.ARC  
STATION=AOMORI-S  
TOTAL NUMBER OF DATA= 6950

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

NO.	( 4200 )	( 4550 )	( 4600 )	( 4650 )	( 4700 )	( 4750 )	( 4800 )	( 4850 )	( 4900 )	( 4950 )
1	9.19	3.84	-4.09	0.96	13.69	7.76	-2.77	1.58	18.69	5.49
2	2.99	1.85	-3.09	1.06	12.98	7.25	-1.87	2.18	18.09	5.49
3	2.79	0.35	-2.20	1.06	11.88	5.66	-0.78	3.08	17.50	5.49
4	3.29	0.05	-1.50	1.06	10.89	3.85	-0.08	3.58	16.87	5.49
5	3.90	0.05	-0.80	1.06	9.89	-1.03	1.02	3.58	15.82	5.49
6	3.79	0.04	-0.20	1.06	8.99	-2.34	1.02	3.58	15.49	5.48
7	0.30	0.04	0.10	0.95	7.90	-4.94	-0.48	3.18	14.70	3.79
8	7.81	0.04	0.90	0.65	7.20	-6.16	-1.28	2.47	13.91	3.38
9	9.33	0.04	1.10	0.85	6.21	-8.97	-2.08	1.57	13.53	2.08
10	11.45	0.14	1.10	0.85	6.21	-11.05	-2.88	1.07	13.53	-0.21
11	13.87	0.24	1.10	1.05	6.21	-11.68	-3.98	0.87	13.53	-2.52
12	15.91	0.04	1.09	1.75	6.20	-11.89	-4.79	-1.13	13.53	-2.82
13	16.80	-0.66	0.19	2.05	6.01	-9.71	-5.79	-1.83	13.54	-3.12
14	16.58	-0.85	-0.21	2.05	6.91	-8.21	-6.50	-1.83	13.86	-3.12
15	16.56	-1.66	-0.91	3.05	7.72	-6.13	-8.20	-1.83	14.74	-3.12
16	16.17	-1.96	-1.61	3.65	9.14	-5.58	-9.40	-1.83	15.05	-3.12
17	15.94	-2.17	-1.61	3.75	11.27	-2.94	-10.20	-1.73	15.52	-2.22
18	15.84	-2.57	-2.21	4.25	13.75	-0.94	-10.60	0.17	15.53	-1.22
19	14.44	-2.87	-2.71	4.55	17.55	0.96	-10.90	1.57	15.74	0.88
20	13.51	-3.27	-3.51	5.45	19.82	1.05	-11.31	2.87	15.99	1.48
21	11.97	-3.67	-4.71	5.74	21.61	1.05	-12.10	3.57	15.68	1.48
22	11.66	-3.97	-5.11	5.74	22.52	1.25	-12.53	4.27	14.67	1.47
23	11.14	-4.07	-5.12	5.74	24.86	1.25	-13.61	4.97	13.59	1.27
24	9.66	-4.27	-4.52	5.54	28.22	1.25	-14.00	5.47	12.70	-0.23
25	9.27	-4.88	-2.22	5.15	29.93	0.95	-14.21	6.07	9.50	-0.63
26	9.27	-5.48	-3.82	4.44	30.69	0.75	-14.61	6.77	8.79	-1.83
27	9.27	-5.98	-5.22	4.04	31.99	0.25	-15.02	7.57	7.50	-3.23
28	9.07	-6.18	-6.84	3.74	31.49	-0.25	-15.40	8.36	6.30	-5.04
29	9.08	-6.38	-8.54	3.75	31.36	-0.25	-15.37	8.35	5.10	-6.35
30	9.57	-6.38	-9.83	3.29	30.51	0.65	-14.77	8.05	2.21	-8.36
31	9.88	-6.37	-10.45	3.05	28.40	2.75	-14.15	7.34	0.61	-10.24
32	10.58	-5.77	-11.73	2.65	25.14	3.65	-12.98	6.15	-0.39	-10.33
33	11.03	-4.28	-12.14	1.89	22.05	4.25	-12.38	5.35	-0.89	-10.35
34	11.78	-4.18	-12.62	1.13	19.83	5.14	-11.67	4.25	-0.89	-10.84
35	12.17	-4.08	-12.65	-0.07	17.66	4.24	-10.68	3.55	-0.49	-10.82
36	12.43	-3.88	-12.63	-0.67	11.72	3.54	-9.88	3.55	0.21	-10.32
37	10.08	-2.38	-12.62	-1.07	9.45	1.94	-8.90	3.55	1.41	-9.52
38	10.43	-1.88	-12.62	-1.07	7.78	1.14	-8.60	4.15	2.01	-8.44
39	10.87	-1.88	-12.20	-1.07	7.17	0.04	-8.20	5.25	3.01	-8.44
40	14.03	-1.89	-11.40	-0.27	6.18	-0.46	-7.60	5.96	4.01	-8.44
41	14.46	-2.59	-10.38	0.92	5.68	-1.46	-6.90	7.07	4.90	-8.34
42	14.56	-3.59	-9.42	2.28	5.69	-2.37	-6.21	8.89	4.90	-8.04
43	14.97	-4.09	-7.72	4.06	6.59	-3.67	-6.00	11.94	5.20	-7.54
44	14.96	-4.29	-6.65	7.03	7.59	-4.27	-4.91	14.90	5.20	-7.04
45	14.90	-5.29	-6.02	8.14	8.88	-4.27	-4.31	16.09	5.20	-6.64
46	13.78	-5.69	-4.73	9.46	9.18	-4.27	-3.91	16.87	5.20	-6.35
47	12.01	-5.89	-2.93	11.28	9.17	-4.27	-2.91	17.29	5.20	-6.35
48	10.72	-5.89	-1.64	13.72	9.17	-4.27	-2.11	17.97	5.20	-6.35
49	9.21	-5.39	-0.44	13.72	9.16	-4.27	-0.92	18.33	5.20	-6.35
50	7.02	-4.39	0.26	13.72	8.17	-3.87	0.18	18.27	5.59	-6.66

REGOROS=264  
DATE AND TIME=1968-05-16-19-39  
COMPONENTS=M  
SIGNAL=GR.ACC.  
CORRECTION=ZERO.ARC  
TOTAL NUMBER OF DATA= 8950  
FORMAT NO.#301

RECORDS=264      COMPONENT=E-W      SIGNAL=GR.ACC.      CURVECTION=ZERO.ARC      STATION=AOHORI'S  
 DATE AND TIME=1968-05-16-19-39      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA= 8950

NO.	( 5000)	( 5050)	( 5100)	( 5150)	( 5200)	( 5250)	( 5300)	( 5350)	( 5400)	( 5450)
1	-7.76	3.10	7.87	-1.59	6.57	10.63	-0.52	-5.06	7.39	0.15
2	-8.35	3.10	8.46	-2.79	6.67	10.63	-0.52	-4.76	7.09	0.15
3	-8.46	3.40	8.56	-4.49	6.87	10.64	-0.22	-4.76	6.59	-0.65
4	-8.98	3.40	8.55	-5.29	6.97	11.23	-0.22	-4.76	6.19	-0.95
5	-10.28	3.50	7.85	-5.29	6.96	11.64	-0.22	-4.56	6.18	-1.36
6	-11.19	3.70	7.65	-5.89	6.66	11.94	-0.22	-3.67	5.69	-1.56
7	-12.38	3.90	7.35	-5.89	6.66	12.04	-0.82	-2.97	5.69	-2.36
8	-12.96	3.90	7.05	-5.89	5.66	13.32	-1.63	-1.77	5.69	-3.56
9	-12.96	3.90	7.05	-5.89	5.26	13.42	-2.73	-1.07	6.79	-4.56
10	-12.94	5.10	6.54	-5.19	4.55	13.42	-3.23	-0.87	7.09	-4.87
11	-12.33	5.30	5.75	-4.89	2.76	13.42	-4.33	-0.67	7.19	-6.07
12	-11.51	5.70	5.45	-4.89	1.96	13.41	-4.73	-0.67	7.59	-6.76
13	-9.64	6.20	5.45	-4.90	1.96	13.31	-5.23	-0.67	8.29	-6.87
14	-8.33	6.90	5.25	-4.90	1.96	13.09	-5.73	-0.67	8.58	-7.96
15	-6.35	7.40	5.24	-5.30	1.96	12.39	-5.73	-0.78	8.78	-8.06
16	-4.45	7.90	4.65	-5.80	2.76	11.61	-5.73	-1.38	8.98	-8.07
17	-0.37	8.70	4.44	-6.90	2.76	11.60	-5.73	-2.08	8.98	-8.07
18	2.64	9.29	4.04	-6.60	2.96	11.11	-5.73	-2.58	8.98	-8.07
19	4.23	9.39	3.64	-7.11	3.26	11.01	-5.73	-2.88	8.98	-8.07
20	4.23	9.39	3.44	-8.21	3.45	11.01	-5.74	-3.28	8.97	-8.07
21	4.13	9.59	3.14	-8.92	3.86	11.01	-5.74	-4.58	8.46	-8.07
22	4.12	9.69	2.54	-9.91	4.65	10.99	-5.74	-5.19	7.47	-8.07
23	2.53	9.69	2.54	-10.20	4.75	10.29	-5.45	-5.89	7.07	-8.07
24	0.93	9.88	1.64	-10.21	5.15	9.50	-6.54	-6.69	6.47	-8.07
25	-0.97	9.88	1.34	-10.21	5.35	9.19	-6.84	-7.92	6.17	-8.07
26	-2.58	9.88	0.64	-10.18	5.85	8.59	-7.25	-10.50	6.17	-8.07
27	-4.18	9.88	-0.46	-9.00	6.75	7.80	-8.05	-11.20	6.18	-8.08
28	-4.48	9.67	-0.66	-8.49	7.05	7.60	-8.05	-11.89	7.07	-8.08
29	-5.98	9.37	-1.27	-7.80	7.56	6.79	-8.96	-11.89	7.07	-8.08
30	-6.89	9.07	-2.27	-6.81	8.45	5.29	-9.85	-12.09	7.27	-8.08
31	-8.39	8.77	-2.47	-6.31	8.86	3.99	-10.25	-12.09	7.27	-8.08
32	-9.19	8.46	-2.47	-5.81	10.00	2.60	-10.66	-11.95	7.57	-8.08
33	-9.89	7.67	-2.47	-4.91	12.59	1.50	-10.66	-10.79	8.17	-8.08
34	-10.28	7.37	-2.47	-4.61	13.98	1.20	-12.45	-10.57	8.56	-8.06
35	-10.18	7.07	-2.57	-4.61	14.95	1.20	-12.66	-9.46	8.64	-6.78
36	-10.17	6.47	-2.57	-4.52	15.30	1.19	-12.95	-7.98	7.56	-6.17
37	-9.76	5.77	-2.07	-4.52	16.45	0.59	-12.95	-6.69	7.46	-4.88
38	-8.57	5.57	-1.07	-4.62	16.64	0.59	-12.96	-6.38	7.46	-4.88
39	-7.59	5.37	-0.57	-4.62	16.64	-0.11	-13.04	-5.09	7.46	-4.89
40	-7.57	5.37	0.62	-5.02	16.64	-0.11	-12.64	-3.79	7.43	-4.89
41	-6.37	5.37	1.52	-5.02	16.63	-0.21	-12.31	-2.10	6.95	-4.88
42	-4.68	5.37	3.02	-5.02	16.58	-0.21	-10.83	-1.00	6.54	-3.79
43	-3.29	5.37	3.02	-4.62	15.61	-0.21	-9.83	-0.90	5.25	-2.99
44	-1.79	5.37	3.02	-4.42	15.20	-0.21	-8.65	3.50	4.83	-1.59
45	-1.79	5.77	3.02	-3.22	14.58	-0.21	-8.04	5.30	4.83	-0.99
46	-0.59	6.86	3.02	-1.62	13.41	-0.21	-6.76	5.71	2.95	0.61
47	0.21	6.86	3.02	1.27	12.78	-0.21	-6.66	7.00	2.35	1.01
48	1.41	6.87	1.82	3.47	11.42	-0.22	-6.36	7.40	1.25	1.01
49	2.71	7.57	1.02	3.48	11.21	-0.22	-5.86	7.39	0.73	2.61
50	3.11	7.86	-0.48	5.08	10.72	-0.22	-5.26	7.39	0.15	2.60

RECORD=S-264 COMPONENT=E-W SIGNAL=GR.ACC. CURRETION=ZERO.ARC TOTAL NUMBER OF DATA= 8950  
 DATE AND TIME=1968-05-16-19-39 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.#301

NO.	( 5200 )	( 5550 )	( 5600 )	( 5650 )	( 5700 )	( 5750 )	( 5800 )	( 5850 )	( 5900 )	( 5950 )
1	2.60	16.28	-8.87	-5.03	8.53	5.28	6.77	-5.00	10.05	4.80
2	2.60	16.58	-7.97	-5.03	8.52	5.28	7.08	-4.21	10.05	4.60
3	2.60	16.96	-6.87	-5.03	8.11	5.28	8.27	-4.21	10.05	4.60
4	2.60	16.96	-4.98	-5.06	6.82	5.28	8.87	-4.01	10.04	3.90
5	2.60	17.02	-5.09	-5.06	6.51	5.28	9.10	-4.01	10.06	2.90
6	2.30	18.05	-1.79	-3.83	4.70	5.68	11.10	-4.11	10.64	2.00
7	2.10	18.05	0.01	-3.45	6.79	6.79	12.29	-4.11	10.64	1.20
8	1.00	18.05	0.91	-3.14	0.82	7.98	13.14	-4.01	10.74	0.80
9	1.00	17.98	0.91	-3.14	0.82	8.68	13.14	-4.12	10.76	0.80
10	1.00	16.95	2.21	-3.14	-3.18	9.19	15.05	-4.12	11.74	0.59
11	0.99	16.91	2.31	-3.14	-3.49	9.87	17.10	-4.11	11.74	0.59
12	0.99	16.33	2.60	-3.14	-5.08	9.87	17.62	-3.22	11.74	0.59
13	0.99	15.99	2.60	-3.14	-5.09	9.87	18.27	-2.62	11.74	0.59
14	0.99	14.95	0.90	-1.64	-5.09	9.87	18.28	-2.02	11.74	0.59
15	0.99	14.95	0.90	-1.14	-5.09	9.87	18.28	-1.82	11.72	0.59
16	0.99	14.93	0.90	-1.14	-6.29	9.86	18.19	-1.32	11.33	0.59
17	0.99	14.63	0.70	0.16	-6.79	9.67	17.04	-0.52	11.33	0.59
18	0.99	14.17	-1.10	0.25	-6.79	9.87	16.41	-0.52	11.33	0.59
19	0.99	12.39	-1.10	0.85	-6.79	9.86	15.24	0.28	11.33	0.59
20	0.99	10.89	-1.10	0.85	-6.79	9.85	14.53	0.27	11.33	0.59
21	0.99	8.93	-1.10	0.85	-6.79	9.16	13.36	0.27	11.33	0.99
22	0.98	8.02	-1.10	2.25	-6.78	9.16	12.77	0.27	11.33	0.98
23	0.98	6.35	0.09	2.85	-5.09	9.16	12.38	0.17	11.33	0.98
24	0.98	4.93	0.59	2.85	-5.10	9.16	12.38	-0.23	11.33	1.88
25	0.98	2.94	0.89	4.45	-5.10	9.16	12.38	-0.23	11.32	2.28
26	2.02	2.33	0.89	4.85	-3.90	9.16	12.39	-0.23	10.93	2.58
27	2.08	0.24	2.49	4.85	-3.50	9.16	12.60	-0.23	11.02	2.58
28	2.48	-1.47	2.79	4.85	-3.20	9.16	13.09	-0.23	10.93	2.58
29	2.58	-3.17	2.89	6.25	-3.20	9.16	13.29	-0.23	11.02	2.58
30	2.98	-5.57	2.89	6.75	-3.20	9.16	13.29	-0.23	10.92	3.08
31	2.98	-3.87	2.89	6.84	-3.20	9.15	13.29	0.07	10.92	2.98
32	2.98	-4.97	2.89	6.84	-3.20	9.15	13.29	0.66	10.91	2.87
33	4.28	4.98	4.89	8.04	-3.81	9.15	13.29	0.96	10.91	2.67
34	6.18	6.27	2.88	8.04	-5.10	9.15	13.29	1.76	10.10	2.57
35	0.87	-6.67	2.58	8.04	-5.10	9.15	13.29	2.56	9.31	1.97
36	6.89	-6.89	2.18	8.04	-5.11	9.04	13.29	3.26	8.81	0.87
37	6.97	-8.87	0.88	6.84	-5.11	8.23	13.29	4.36	8.61	-0.03
38	8.99	-8.90	0.88	6.84	-5.11	6.94	13.28	4.66	8.00	-1.33
39	10.27	-10.38	0.88	6.84	-5.61	5.86	12.87	5.86	7.11	-1.83
40	10.25	-10.48	0.88	6.84	-5.20	4.83	12.16	6.57	6.81	-2.83
41	10.97	-10.78	-1.22	6.83	-3.51	0.84	11.07	8.17	6.71	-3.13
42	10.97	-10.88	-3.12	6.83	-2.61	0.84	10.47	9.07	6.51	-3.13
43	10.97	-10.88	-3.12	6.83	-0.61	0.84	9.29	9.96	6.61	-3.13
44	11.01	-10.88	-3.83	6.84	0.49	0.84	8.78	10.36	6.61	-3.14
45	12.87	-10.88	-5.02	7.94	1.19	0.84	7.70	10.45	6.61	-3.14
46	12.96	-10.88	-5.03	8.33	2.59	0.84	7.20	10.45	6.51	-2.94
47	12.96	-10.87	-5.03	8.53	3.99	0.84	6.60	10.45	6.50	-2.94
48	13.03	-10.45	-5.03	8.53	4.78	0.84	5.70	10.45	6.00	-1.84
49	8.98	-8.98	-5.03	8.53	4.78	0.84	5.21	10.45	5.70	-1.84
50	13.02	-8.88	-5.03	8.53	4.89	0.84	5.01	10.05	5.10	-1.84

RECORDS=264	COMPONENT=H	SIGNAL=GR.ACC.	CORRECTION=ZERO.ARC	STATION=ADONRI=S		
DATE AND TIME=1968-05-16 19:39	SAMPLING INTERVAL= 0.010 (SEC)	FORMAT NO.=501	TOTAL NUMBER OF DATA= 8950			
NO.	( 6050)	( 6100)	( 6200)	( 6300)	( 6400)	( 6450)
1	-1.74	3.77	-9.02	-3.71	-0.25	2.30
2	-2.04	3.77	-9.02	-3.71	-0.45	2.30
3	-2.04	2.67	-9.00	-3.71	-0.46	2.30
4	-2.25	2.67	-8.02	-3.71	-1.26	2.30
5	-3.03	2.67	-8.02	-3.71	-1.56	2.30
6	-3.45	2.16	-8.02	-3.71	-1.76	2.20
7	-3.85	0.96	-8.03	-3.71	-1.76	2.20
8	-4.25	0.46	-8.03	-3.71	-1.76	2.20
9	-4.25	0.36	-8.02	-3.82	-1.76	2.20
10	-4.25	0.04	-8.02	-4.02	-1.96	2.20
11	-4.35	-0.74	-7.43	-4.02	-2.36	2.19
12	-4.35	-0.74	-7.43	-4.02	-3.26	2.19
13	-3.45	-0.74	-6.93	-4.02	-3.56	2.19
14	-3.15	-0.64	-7.03	-4.02	-3.76	2.19
15	-2.15	-0.64	-7.02	-4.02	-3.77	2.19
16	-1.45	0.06	-5.93	-3.72	-3.87	2.19
17	-1.06	0.06	-5.93	-3.72	-4.27	2.19
18	0.04	0.05	-5.93	-3.32	-5.27	2.19
19	0.04	0.05	-5.93	-2.22	-5.57	2.19
20	0.04	0.43	-4.93	-1.72	-5.67	2.19
21	0.04	0.95	-3.53	-1.73	-5.67	2.19
22	0.04	1.85	-2.54	-0.43	-6.08	1.88
23	-0.06	1.85	-1.94	-0.43	-7.08	1.28
24	-0.06	1.85	-1.94	-0.23	-7.08	1.28
25	-0.36	2.23	-6.20	-0.23	-7.47	0.18
26	-0.36	2.23	-6.20	-0.23	-7.47	0.18
27	-1.46	2.25	-6.90	8.70	-7.58	0.22
28	-1.47	2.24	-6.90	8.09	-7.58	0.22
29	-1.47	1.74	-6.90	8.09	-7.58	0.22
30	-1.47	0.94	-6.90	8.09	-7.58	0.22
31	-1.47	0.44	-6.90	8.09	-7.58	0.22
32	0.33	0.06	-1.05	0.57	-7.58	0.22
33	0.33	0.36	-1.05	1.57	-7.58	0.22
34	0.53	-0.86	-0.55	2.27	-7.58	0.22
35	1.63	-0.86	-1.55	4.26	-7.58	0.22
36	1.73	-0.86	-1.65	4.26	-7.58	0.22
37	1.93	-0.86	-1.65	4.26	-7.58	0.22
38	1.93	-0.86	-1.65	4.26	-7.58	0.22
39	1.92	0.84	-1.65	4.26	-7.58	0.22
40	1.62	1.03	-1.65	4.26	-7.58	0.22
41	0.52	1.63	-1.45	4.26	-7.58	0.22
42	0.02	2.03	-0.56	4.26	-7.58	0.22
43	-1.48	2.03	-0.16	4.26	-7.58	0.22
44	-2.08	2.33	0.24	4.26	-7.58	0.22
45	-3.48	2.43	1.64	4.26	-7.58	0.22
46	-3.58	4.17	2.44	4.26	-7.58	0.22
47	-4.29	4.17	4.34	4.26	-7.58	0.22
48	-4.29	4.17	4.34	4.26	-7.58	0.22
49	-5.38	4.17	5.84	4.26	-7.58	0.22
50	-5.39	4.17	6.34	4.26	-7.58	0.22

RECORD=S-264	COMPONENT=E-W	SIGNAL=GR.ACC.	CURVECTION=ZERO.ARC	STATION=ADMORI=S					
DATE AND TIME=1968-05-16-19-39	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 8950						
NO.	( 6500)	( 6650)	( 6700)	( 6850)	( 6900)	( 6950)			
1	-2.49	2.07	0.32	-9.42	3.93	1.99	-11.95	-0.54	0.01
2	-2.49	2.27	0.52	-9.40	3.73	3.19	3.75	-10.49	-0.19
3	-2.49	3.17	0.52	-8.82	3.23	3.29	3.74	-10.00	-0.29
4	-2.49	3.27	0.52	-9.82	3.25	3.29	3.84	-9.99	-0.59
5	-1.89	3.67	2.02	-9.82	3.25	3.29	3.84	-9.60	-0.29
6	-1.69	3.76	2.02	-9.82	3.13	3.89	3.84	-9.60	-0.59
7	-1.89	3.76	2.02	-9.82	3.13	3.89	3.84	-9.38	-0.99
8	-1.39	3.66	2.02	-8.82	3.23	3.88	3.84	-8.40	-1.19
9	-1.39	3.76	2.02	-9.62	3.15	3.88	3.14	-8.01	-2.09
10	-1.39	3.76	2.02	-9.11	3.12	3.88	3.14	-8.01	-2.50
11	-1.40	3.86	2.02	-8.55	1.93	3.88	1.64	-8.00	-2.80
12	-1.40	3.86	2.01	-8.55	1.93	3.88	1.64	-7.71	-2.30
13	-1.40	3.86	2.01	-8.55	1.92	3.88	1.64	-7.51	-2.30
14	-1.40	3.76	2.01	-8.32	1.42	3.88	1.64	-7.51	-2.30
15	-1.60	3.76	2.01	-7.83	1.12	3.88	2.17	-7.51	-2.80
16	-2.70	3.45	2.01	-7.73	-0.08	3.88	2.37	-7.51	-2.80
17	-3.40	3.15	2.01	-7.53	-0.08	3.88	4.17	-7.51	-2.80
18	-3.40	3.15	2.01	-7.43	-0.18	3.88	4.47	-7.51	-2.20
19	-3.40	3.15	2.01	-7.23	-0.68	3.87	5.08	-7.51	-1.20
20	-3.40	3.15	2.01	-6.33	-2.08	3.87	6.07	-7.52	-1.60
21	-3.98	3.15	2.01	-5.94	-2.08	3.87	6.07	-7.52	-0.81
22	-3.91	3.15	1.81	-5.94	-2.08	3.87	6.07	-7.52	-0.71
23	-6.91	3.15	1.10	-5.94	-2.58	3.87	7.58	-7.51	-0.51
24	-3.91	3.15	-0.10	-5.63	-2.59	3.87	7.58	-7.21	-0.31
25	-4.01	3.15	-2.00	-5.74	-2.59	3.87	7.98	-6.12	-0.31
26	-3.61	3.15	-2.60	-5.74	-2.59	3.87	7.98	-6.11	-0.31
27	-3.31	3.15	-4.00	-5.74	-2.59	3.87	7.98	-6.11	-0.31
28	-2.41	3.15	-4.41	0.06	-2.59	3.87	9.98	-4.62	1.69
29	-1.91	3.45	-5.90	1.56	-2.59	3.87	9.98	-4.22	1.69
30	-1.91	4.04	-5.90	2.06	-2.09	3.86	9.99	-4.12	2.09
31	-1.71	4.04	-5.90	3.65	-2.09	3.86	10.38	-4.13	3.25
32	-0.61	4.04	-5.90	3.95	-0.79	3.86	10.38	-4.13	3.49
33	-0.22	4.04	-5.90	3.95	-0.39	3.86	10.38	-4.03	3.68
34	0.08	4.04	-5.91	3.95	-0.09	3.86	10.38	-3.86	3.68
35	0.08	4.04	-5.91	3.15	-0.10	3.86	10.39	-3.86	3.98
36	0.08	4.04	-5.91	5.95	-0.10	3.86	10.59	-3.83	3.98
37	0.08	4.04	-5.91	7.95	1.10	3.86	10.59	-3.93	4.88
38	0.08	5.14	-5.90	7.95	1.60	3.86	10.58	-4.13	4.88
39	0.08	5.13	-4.71	7.95	1.90	3.86	10.49	-4.23	4.98
40	0.08	5.13	-4.71	7.94	1.90	3.86	10.41	-4.23	5.08
41	0.08	5.13	-4.92	7.94	1.90	3.86	11.49	-4.23	5.38
42	0.08	5.13	-5.71	7.94	1.90	3.86	11.50	-4.23	5.48
43	0.08	5.13	-5.91	7.94	1.90	3.86	11.89	-4.24	5.68
44	0.07	5.13	-5.92	7.94	1.90	3.86	11.99	-4.24	5.67
45	0.07	5.13	-6.42	7.94	1.90	3.86	11.99	-4.24	5.67
46	0.07	5.12	-7.12	5.94	1.90	3.86	12.00	-4.23	5.67
47	1.47	4.03	-7.12	5.94	1.89	3.86	12.09	-2.64	5.47
48	1.47	4.03	-7.72	5.74	1.89	3.86	12.11	-1.52	5.17
49	1.97	3.92	-7.85	5.63	1.89	3.86	12.40	-2.24	4.86
50	1.97	3.42	-8.43	5.94	1.89	3.86	12.58	-1.11	3.77

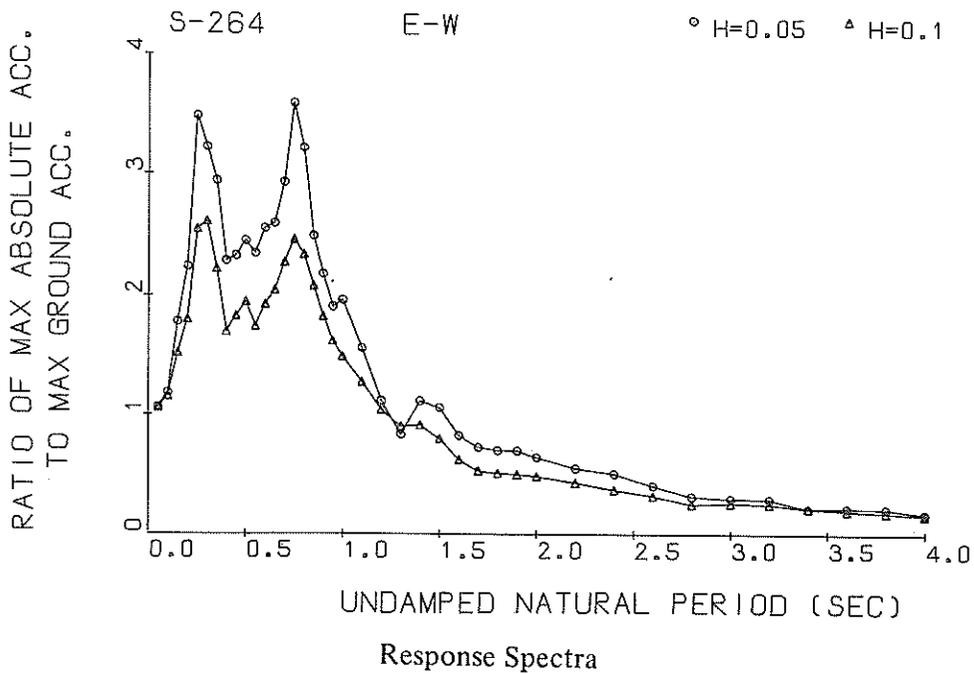
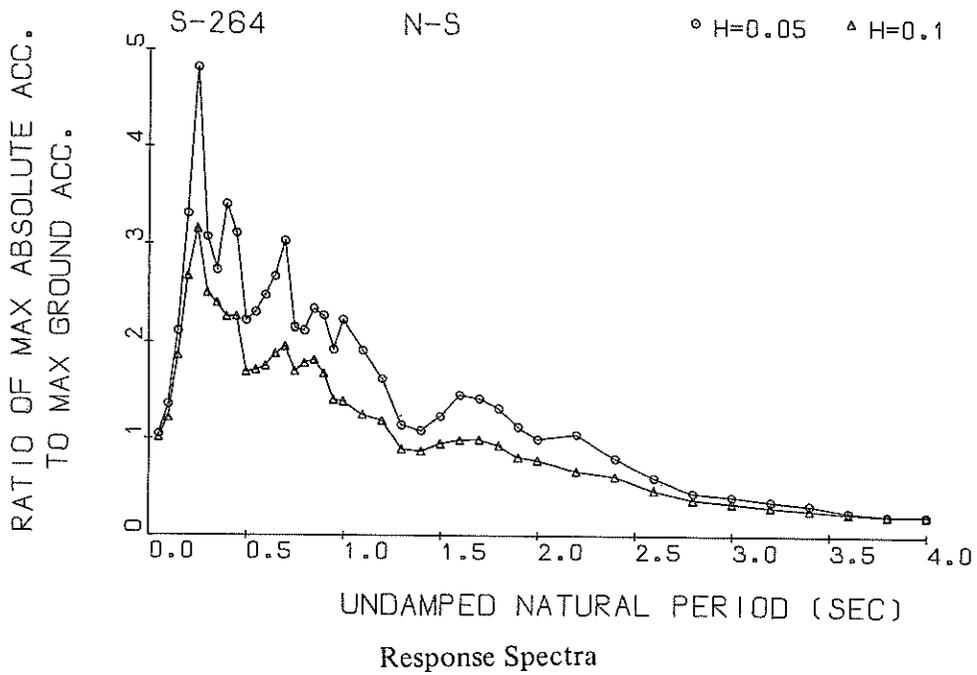
RECORD=S-284	COMPONENT=E-U	SIGNAL=GR+ACC.	CORRECTION=ZERO+ARC	STATION=ADMORI=S			
DATE AND TIME=1968-05-16-19-39	SAMPLING INTERVAL=0.040(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 8950				
NO.	( 7000 )	( 7100 )	( 7200 )	( 7300 )	( 7350 )	( 7400 )	( 7450 )
1	0.67	-0.22	-1.01	-8.05	-6.80	-2.54-	-4.69
2	0.67	-0.02	-1.41	-8.56	-6.39	-2.54	-5.29
3	0.57	0.88	-2.41	-8.56	-6.39	-2.65	-5.30
4	0.57	1.08	-2.51	-8.56	-6.60	-2.65	-5.29
5	0.56	1.38	-2.71	-8.56	-6.80	-2.75	-5.29
6	0.56	1.47	-2.71	-8.56	-6.80	-2.95	-5.29
7	0.56	1.37	-2.92	-8.55	-6.80	-2.95	-5.29
8	0.56	1.37	-2.92	-8.55	-6.80	-3.25	-5.29
9	0.46	1.27	-3.02	-7.66	-6.61	-3.45	-5.30
10	0.56	1.23	-3.12	-7.45	-6.61	-4.45	-5.29
11	0.56	-0.43	-3.02	-6.56	-6.41	-4.85	-4.80
12	0.56	-0.43	-3.02	-6.66	-6.41	-4.76	-4.80
13	0.56	-0.43	-3.02	-6.66	-6.41	-5.16	-4.80
14	0.56	-0.33	-3.02	-6.67	-6.11	-5.46	-4.00
15	0.56	-0.33	-3.02	-6.67	-6.11	-5.46	-4.00
16	0.55	1.07	-3.02	-6.67	-6.01	-6.46	-4.00
17	0.55	1.57	-2.52	-6.67	-6.81	-6.46	-4.00
18	2.85	1.56	-2.52	-6.67	-6.61	-6.56	-4.50
19	2.85	1.86	-2.53	-6.67	-6.51	-6.56	-4.50
20	2.85	4.66	-2.53	-6.67	-6.51	-6.56	-4.60
21	1.75	3.16	-2.53	-6.67	-6.56	-6.56	-4.71
22	1.75	3.56	-2.53	-6.47	-6.68	-6.76	-4.91
23	1.65	3.66	-2.53	-6.47	-6.88	-7.06	-5.11
24	1.65	3.06	-2.53	-6.48	-6.78	-7.06	-5.31
25	1.35	3.56	-2.53	-6.48	-6.78	-6.97	-5.61
26	1.65	3.56	-2.53	-6.48	-6.48	-7.06	-5.91
27	1.64	3.56	-2.53	-6.48	-6.48	-6.57	-6.31
28	1.64	4.81	-2.53	-6.48	-6.38	-6.57	-6.21
29	1.64	3.55	-2.54	-6.48	-6.38	-6.57	-6.41
30	1.64	3.55	-2.54	-6.48	-6.38	-6.57	-6.41
31	1.54	3.55	-2.54	-6.48	-6.37	-6.57	-6.41
32	-0.06	3.20	-2.54	-6.48	-6.37	-6.57	-6.41
33	-0.26	3.55	-2.54	-6.48	-6.37	-6.57	-6.41
34	-0.36	3.55	-2.54	-6.48	-6.37	-6.57	-6.41
35	-2.06	3.55	-2.54	-6.48	-6.37	-6.57	-6.41
36	-2.36	3.56	-3.14	-6.69	-6.37	-6.57	-6.41
37	-2.36	3.75	-3.04	-6.69	-6.37	-6.57	-6.41
38	-2.77	3.15	-4.24	-6.69	-6.37	-6.57	-6.41
39	-3.07	3.05	-4.54	-6.69	-6.37	-6.57	-6.41
40	-4.37	3.14	-4.54	-6.69	-6.37	-6.57	-6.41
41	-4.47	3.14	-4.85	-6.99	-6.37	-6.57	-6.41
42	-4.88	3.25	-5.25	-6.99	-6.37	-6.57	-6.41
43	-6.27	3.11	-6.65	-7.00	-6.37	-6.57	-6.41
44	-6.27	3.01	-6.45	-7.79	-6.37	-6.57	-6.41
45	-6.29	3.54	-6.45	-7.79	-6.37	-6.57	-6.41
46	-8.19	3.54	-6.46	-7.79	-6.37	-6.57	-6.41
47	-9.29	3.54	-7.56	-7.79	-6.37	-6.57	-6.41
48	-10.22	3.54	-8.05	-7.80	-6.37	-6.57	-6.41
49	-12.17	3.54	-8.06	-7.79	-6.37	-6.57	-6.41
50	-12.22	3.54	-8.35	-7.79	-6.37	-6.57	-6.41

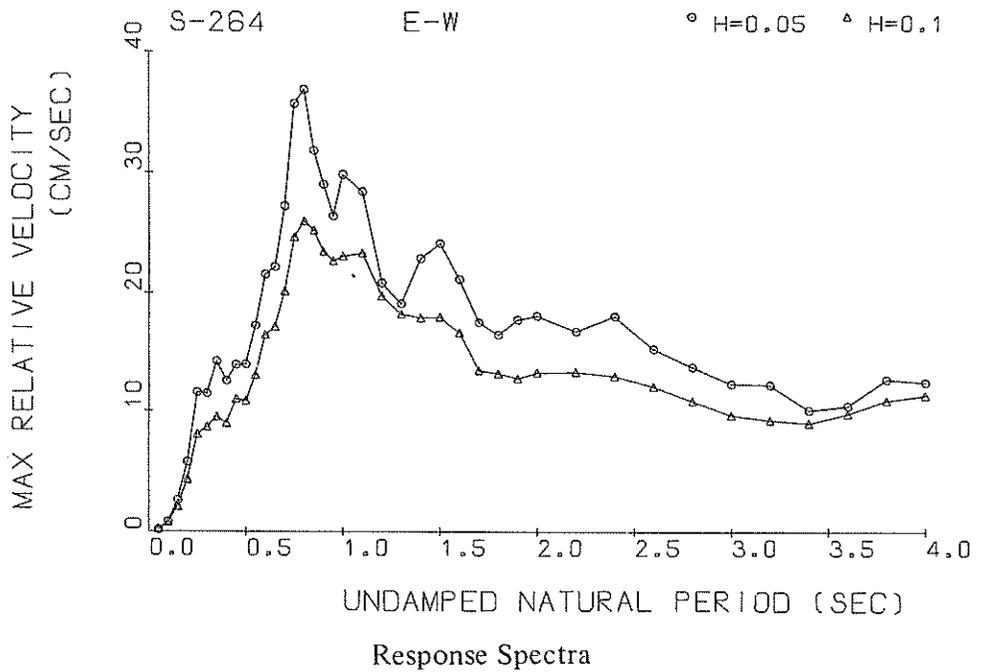
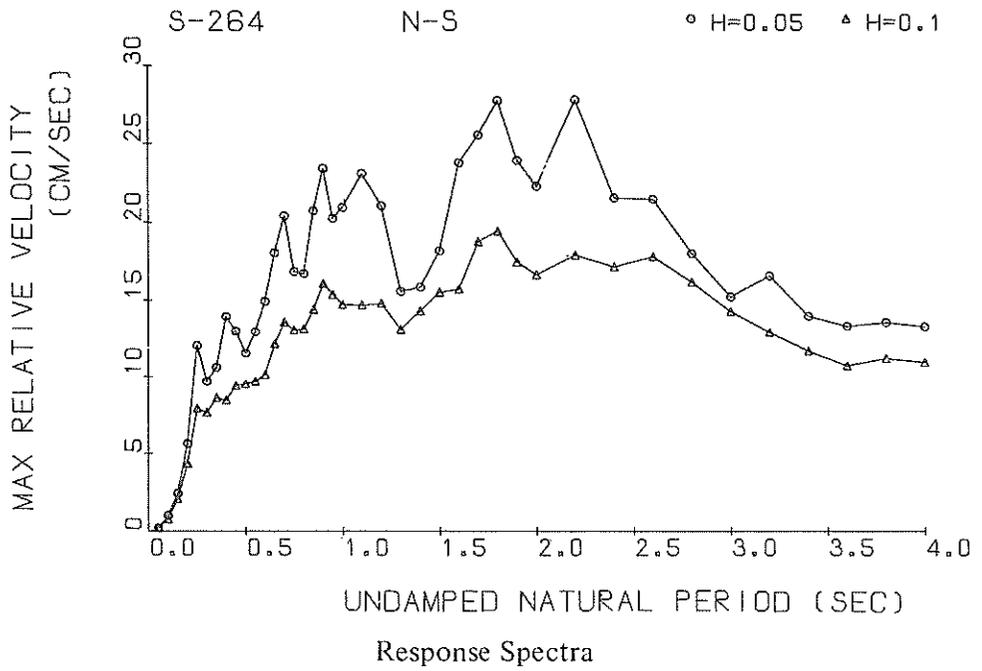
NO.	( 7500 )	( 7550 )	( 7600 )	( 7650 )	( 7700 )	( 7750 )	( 7800 )	( 7850 )	( 7900 )	( 7950 )
1	-0.18	0.48	1.03	-4.21	-3.66	-9.00	3.26	8.02	-3.73	-4.38
2	-0.48	0.68	1.23	-4.01	-3.86	-9.00	3.45	8.31	-4.24	-4.48
3	-0.78	0.68	1.43	-3.81	-3.86	-8.90	3.45	8.31	-4.54	-4.48
4	-1.08	1.08	1.43	-3.61	-3.86	-8.90	3.45	8.41	-4.94	-4.58
5	-1.48	1.07	1.43	-3.31	-3.86	-9.00	3.45	8.51	-5.14	-4.48
6	-2.48	1.07	1.43	-3.02	-3.86	-8.90	3.45	8.41	-5.34	-4.48
7	-2.78	1.07	1.13	-3.02	-3.86	-8.90	3.45	8.51	-5.44	-3.78
8	-3.09	1.07	1.13	-3.02	-3.86	-8.90	3.45	8.51	-5.44	-3.78
9	-3.99	1.17	0.83	-2.92	-3.86	-8.50	5.25	8.50	-5.34	-3.18
10	-4.79	1.47	0.83	-2.92	-4.16	-8.91	5.75	8.40	-5.14	-2.99
11	-5.29	1.47	0.63	-2.62	-4.47	-8.21	6.35	8.40	-5.14	-2.99
12	-5.49	1.47	0.62	-2.42	-4.87	-8.11	6.56	8.20	-5.04	-2.99
13	-5.69	1.87	0.62	-2.42	-5.57	-7.81	7.55	7.99	-5.04	-2.99
14	-5.99	2.07	1.02	-2.42	-6.07	-7.81	8.25	7.40	-5.15	-1.99
15	-5.99	2.07	1.12	-2.22	-6.27	-7.61	8.65	7.20	-5.35	-2.09
16	-5.99	2.47	1.12	-1.42	-6.57	-7.41	8.84	6.90	-5.55	-1.89
17	-5.99	2.56	1.12	-0.92	-6.87	-7.41	8.84	6.79	-5.75	-1.79
18	-6.59	2.56	1.12	-0.53	-6.87	-7.41	8.84	6.19	-6.25	-1.69
19	-6.59	2.56	1.22	-0.43	-6.87	-7.41	8.83	5.59	-6.65	-1.69
20	-6.70	3.06	1.22	-0.53	-6.87	-7.22	8.54	5.29	-6.85	-2.39
21	-7.00	3.16	1.32	-0.53	-6.88	-7.22	8.54	4.59	-7.05	-2.40
22	-7.80	3.46	1.32	-0.63	-7.28	-7.21	8.54	3.69	-7.05	-2.40
23	-8.10	3.56	1.01	-0.73	-7.58	-6.92	8.54	2.89	-7.05	-2.50
24	-8.40	3.66	0.81	-0.93	-7.88	-6.81	8.54	2.49	-7.05	-2.90
25	-8.60	3.86	0.51	-1.23	-7.98	-6.22	8.53	2.19	-7.15	-3.00
26	-8.60	3.86	0.21	-1.43	-8.18	-5.92	8.54	1.99	-7.15	-3.10
27	-8.50	3.85	-0.69	-1.83	-8.18	-5.82	8.83	1.59	-7.06	-3.20
28	-8.50	3.65	-0.89	-2.13	-8.18	-5.52	8.94	1.59	-7.06	-3.10
29	-8.50	3.65	-1.99	-2.44	-7.98	-5.32	9.13	1.39	-7.06	-3.00
30	-8.20	3.55	-2.39	-2.44	-7.98	-5.12	9.33	1.29	-6.95	-2.90
31	-8.00	3.45	-2.79	-2.44	-7.68	-5.03	9.43	1.08	-6.85	-2.80
32	-7.40	3.45	-2.99	-2.04	-7.58	-4.83	9.63	0.88	-6.86	-2.60
33	-7.00	3.15	-3.29	-2.04	-7.48	-4.53	9.63	0.98	-6.86	-2.41
34	-6.70	2.75	-3.20	-1.84	-7.49	-4.13	9.83	0.98	-5.16	-2.31
35	-6.50	1.45	-3.30	-1.74	-7.58	-3.73	9.83	0.98	-5.06	-2.31
36	-5.90	1.25	-3.20	-1.64	-7.39	-3.63	9.82	0.98	-4.86	-2.31
37	-5.21	1.05	-3.30	-1.64	-7.39	-3.63	9.82	0.88	-4.76	-2.11
38	-4.51	0.65	-3.30	-1.64	-7.59	-2.93	9.82	0.88	-4.57	-2.01
39	-4.31	0.34	-3.50	-1.64	-7.69	-2.13	9.52	0.88	-4.37	-2.21
40	-3.71	0.04	-3.50	-1.65	-7.99	-1.03	9.52	0.78	-4.37	-2.51
41	-3.31	-0.16	-3.70	-1.85	-8.19	-0.44	9.52	0.58	-4.27	-2.71
42	-3.11	-0.26	-4.10	-1.85	-8.29	0.06	9.51	0.58	-4.07	-2.91
43	-2.81	-0.46	-4.40	-1.85	-8.29	0.36	9.21	0.07	-4.07	-3.11
44	-2.51	-0.56	-4.41	-2.25	-8.39	0.66	8.91	0.17	-4.07	-3.32
45	-2.22	-0.86	-4.71	-2.55	-8.49	0.96	8.71	-0.13	-3.87	-3.52
46	-1.72	-0.56	-4.71	-2.75	-8.50	1.86	8.31	-0.53	-3.67	-3.92
47	-1.32	-0.16	-4.81	-2.95	-8.70	1.86	7.91	-0.53	-3.67	-3.72
48	-0.92	0.24	-4.81	-3.15	-8.70	2.16	7.91	-1.03	-3.67	-3.72
49	-0.52	0.64	-4.81	-3.35	-8.70	2.56	7.91	-1.53	-3.88	-3.88
50	-0.02	0.63	-4.41	-3.45	-8.80	2.96	8.01	-2.43	-4.08	-3.52
								-3.13	-4.28	-3.32

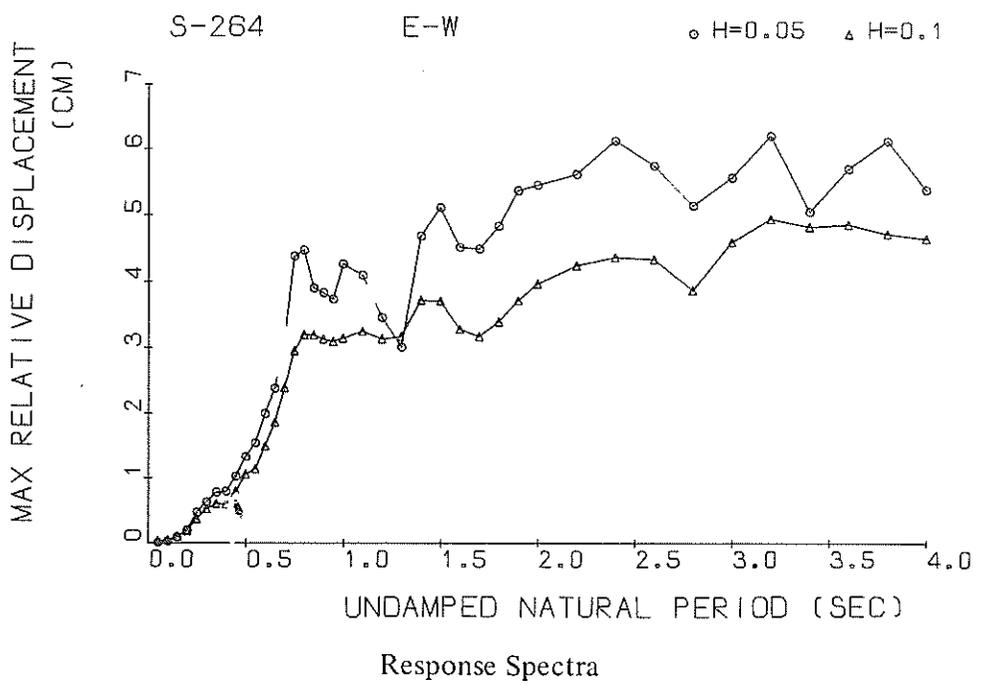
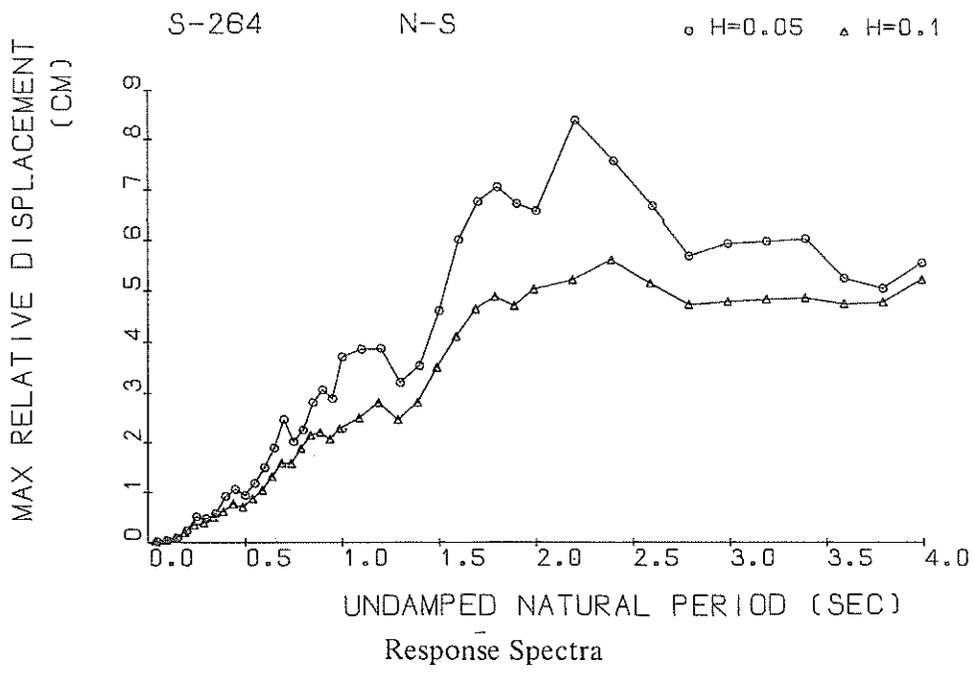
RECORD=S-264  
DATE AND TIME=1968-05-16-19-39

COMPONENT=E-H  
SIGNAL=GR.AUC.  
CORRECTION=ZERO.ARC  
TOTAL NUMBER OF DATA= 8950

FORMAT NO.=301







RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-264 N=S 1968-05-16-19-69 1968-TOKACHIOKI  
 STATION = AOMURI-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 16.500(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 65.61(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.042	68.37	16.64	0.188	0.0043
0.100	1.352	88.71	47.66	0.978	0.0224
0.150	2.117	138.88	91.59	2.395	0.0796
0.200	3.307	216.99	166.26	5.587	0.2174
0.250	4.812	315.69	296.09	12.008	0.4980
0.300	6.066	201.14	211.27	9.661	0.4573
0.350	2.733	179.29	188.39	10.558	0.5549
0.400	3.403	223.27	234.27	13.890	0.9029
0.450	3.112	204.14	229.68	12.953	1.0391
0.500	2.222	145.79	152.18	11.536	0.9199
0.550	2.304	151.18	149.72	12.951	1.1546
0.600	2.475	162.38	170.35	14.913	1.4732
0.650	2.068	175.06	174.60	18.042	1.8651
0.700	3.027	198.61	224.93	20.423	2.4514
0.750	2.149	141.01	170.10	16.853	1.9976
0.800	2.120	139.08	195.37	16.713	2.2387
0.850	2.342	153.67	216.48	20.727	2.7962
0.900	2.274	149.19	201.22	23.401	3.0452
0.950	1.926	126.38	160.97	20.220	2.8747
1.000	2.230	146.31	151.85	20.918	3.6876
1.100	1.917	125.74	139.84	23.062	3.8371
1.200	1.620	106.31	130.77	21.021	3.8577
1.300	1.142	74.95	107.55	15.532	3.1926
1.400	1.086	71.27	108.40	15.792	3.5195
1.500	1.236	81.08	119.22	18.125	4.5999
1.600	1.454	95.36	117.88	23.723	5.9995
1.700	1.416	92.88	110.52	25.490	6.7600
1.800	1.317	86.38	102.15	27.705	7.0489
1.900	1.126	73.89	98.25	23.877	6.7167
2.000	0.994	65.20	89.89	22.260	6.5691
2.200	1.048	68.72	93.40	27.767	8.3765
2.400	0.795	52.19	90.10	21.522	7.5554
2.600	0.597	39.19	73.19	21.443	6.6748
2.800	0.439	28.78	72.16	17.965	5.6807
3.000	0.400	26.25	70.90	15.184	5.9267
3.200	0.352	23.09	69.57	16.519	5.9730
3.400	0.315	20.68	68.30	13.907	6.0263
3.600	0.247	16.21	67.11	13.261	5.2494
3.800	0.213	13.97	66.05	13.519	5.0458
4.000	0.211	13.84	65.10	13.251	5.5496

RESPONSE SPECTRUM (BY PRUG. 'ERS-SE-1)

RECORD = S-264 N=S 1968-05-16-19-69 1968-TOKACHIKI  
 STATION = AOMORI-S INPUT SIGNAL = GK,ACC,  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 16.500(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 65.61(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.004	65.88	12.82	0.189	0.0042
0.100	1.213	79.58	33.71	0.775	0.0200
0.150	1.860	122.05	69.99	2.046	0.0680
0.200	2.668	175.04	121.60	4.318	0.1754
0.250	6.151	206.75	187.15	7.902	0.3209
0.300	2.496	163.76	172.35	7.631	0.6668
0.350	2.692	156.92	164.92	8.619	0.4766
0.400	2.253	147.84	152.02	8.479	0.5900
0.450	2.259	148.21	172.56	9.427	0.7441
0.500	1.690	110.90	142.89	9.523	0.6837
0.550	1.714	112.45	122.61	9.694	0.8515
0.600	1.751	114.90	129.06	10.124	1.0263
0.650	1.885	123.68	126.64	12.162	1.2987
0.700	1.960	128.58	149.50	13.577	1.5600
0.750	1.700	111.55	148.63	13.082	1.5570
0.800	1.785	117.12	162.38	13.153	1.8532
0.850	1.818	119.29	171.87	14.412	2.1240
0.900	1.679	110.14	167.75	16.096	2.1911
0.950	1.407	92.32	150.42	15.407	2.0476
1.000	1.693	91.38	131.87	14.756	2.2730
1.100	1.258	82.50	109.17	14.721	2.4869
1.200	1.192	78.18	106.33	14.816	2.7957
1.300	0.895	58.69	96.42	13.128	2.4580
1.400	0.874	57.35	99.19	14.343	2.7993
1.500	0.949	62.24	104.19	15.557	3.4833
1.600	0.985	64.60	102.78	15.748	4.0923
1.700	0.988	64.83	94.18	18.778	4.6293
1.800	0.928	60.91	89.47	19.468	4.8807
1.900	0.804	52.77	85.71	17.513	4.7078
2.000	0.771	50.61	82.47	16.699	5.0301
2.200	0.664	43.55	77.62	17.936	5.2158
2.400	0.609	39.93	77.61	17.178	5.6069
2.600	0.468	30.73	71.25	17.837	5.1387
2.800	0.569	24.21	70.64	16.218	4.7293
3.000	0.530	21.67	69.76	14.317	4.7954
3.200	0.295	19.36	68.77	12.957	4.8364
3.400	0.264	17.30	67.77	11.753	4.8723
3.600	0.230	15.10	66.81	10.771	4.7616
3.800	0.209	13.68	65.91	11.258	4.7941
4.000	0.206	13.51	65.10	11.014	5.2417

RESPONSE SPECTRUM (BY PRUG, ERS-SE\*1)

RECORD = S-264 E=W 1968-05-16-19-59 1968-TOKACHIOKI  
 STATION = AOMORI-S INPUT SIGNAL = GR,ACC,  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO,ARC  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 16.500(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX,GROUND ACC.= 86.17(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.057	91.10	14.47	0.165	0.0058
0.100	1.175	101.25	41.96	0.844	0.0256
0.150	1.780	153.41	102.52	2.585	0.0871
0.200	2.238	192.86	190.86	5.705	0.1934
0.250	3.480	299.85	299.09	11.548	0.4714
0.300	3.218	277.32	239.02	11.442	0.6289
0.350	2.942	253.54	266.15	14.151	0.7821
0.400	2.287	197.03	227.09	12.505	0.7961
0.450	2.327	200.50	220.86	13.858	1.0231
0.500	2.449	211.06	189.47	13.879	1.3316
0.550	2.345	202.06	189.33	17.209	1.5417
0.600	2.350	219.73	205.50	21.499	1.9965
0.650	2.394	223.52	224.46	22.115	2.3828
0.700	2.929	252.44	253.74	27.165	3.1198
0.750	3.383	308.73	340.37	35.621	4.3769
0.800	3.212	276.80	298.41	36.776	4.4642
0.850	2.487	214.34	247.02	31.699	3.8991
0.900	2.177	187.59	222.05	28.923	3.8282
0.950	1.908	164.43	198.89	26.315	3.7343
1.000	1.962	169.08	207.52	29.745	4.2567
1.100	1.359	134.31	188.42	28.350	4.0900
1.200	1.108	95.49	153.17	20.781	3.4543
1.300	0.825	71.07	129.37	19.048	3.0161
1.400	1.104	95.13	155.89	22.810	4.6841
1.500	1.050	90.45	157.54	24.071	5.1096
1.600	0.813	70.07	126.75	21.108	4.5070
1.700	0.714	61.50	132.20	17.505	4.4815
1.800	0.686	59.11	124.63	16.429	4.8265
1.900	0.684	58.93	115.69	17.704	5.3627
2.000	0.627	54.04	105.03	18.025	5.4451
2.200	0.534	45.98	95.35	16.682	5.6068
2.400	0.489	42.16	100.91	17.957	6.1239
2.600	0.391	33.66	98.25	15.146	5.7354
2.800	0.302	26.03	90.33	13.620	5.1319
3.000	0.284	24.51	86.06	12.203	5.5535
3.200	0.280	24.12	80.37	12.112	6.1988
3.400	0.202	17.37	83.60	9.982	5.0373
3.600	0.203	17.49	90.44	10.625	5.6846
3.800	0.195	16.85	90.97	12.545	6.1186
4.000	0.157	13.49	90.28	12.320	5.3722

RESPONSE SPECTRUM (BY PRUG, ERS-SE-1)

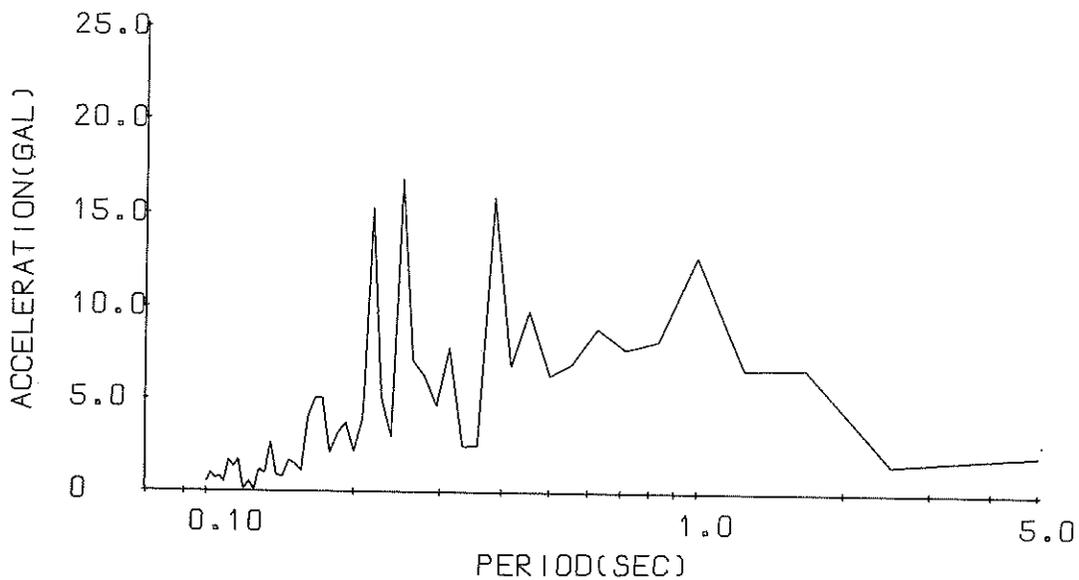
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 STATION = AOMURI-S INPUT SIGNAL = GR, ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 16.500(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 80.17(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.041	89.68	11.78	0.149	0.0057
0.100	1.134	97.71	51.70	0.709	0.0246
0.150	1.201	129.34	79.24	2.009	0.0733
0.200	1.787	153.95	158.00	4.214	0.1540
0.250	2.229	217.93	197.79	7.926	0.6398
0.300	2.294	223.50	165.84	8.564	0.5016
0.350	2.202	189.76	180.50	9.405	0.5779
0.400	1.082	144.92	164.76	8.846	0.2761
0.450	1.808	155.83	175.59	10.877	0.7803
0.500	1.930	166.34	147.70	10.715	1.0376
0.550	1.725	148.64	159.12	12.907	1.1216
0.600	1.910	164.60	154.08	16.321	1.4762
0.650	2.028	174.76	188.19	17.026	1.8434
0.700	2.260	194.75	200.45	20.042	2.6729
0.750	2.446	210.76	238.89	24.523	2.9346
0.800	2.222	200.13	220.31	25.845	3.1803
0.850	2.066	177.75	205.87	25.083	3.1771
0.900	1.808	155.78	189.32	23.295	3.1194
0.950	1.806	158.39	172.65	22.565	3.0849
1.000	1.474	127.05	175.36	22.967	3.1341
1.100	1.255	108.16	159.40	23.177	3.2374
1.200	1.023	88.20	142.15	19.610	3.1209
1.300	0.884	76.20	132.35	18.098	3.1558
1.400	0.896	77.19	130.41	17.771	3.7007
1.500	0.781	67.29	130.88	17.828	3.0879
1.600	0.804	52.05	111.67	16.509	3.2656
1.700	0.207	43.71	110.76	16.287	3.1514
1.800	0.486	41.84	111.37	16.027	3.3746
1.900	0.477	41.12	107.29	12.599	3.6953
2.000	0.462	39.77	101.23	13.071	3.9492
2.200	0.403	35.16	92.48	13.163	4.2214
2.400	0.352	30.35	90.15	12.772	4.3454
2.600	0.300	25.81	94.94	11.894	4.3173
2.800	0.231	19.92	90.93	10.680	3.8607
3.000	0.240	20.70	88.16	9.491	4.5834
3.200	0.229	19.76	87.03	9.056	4.9311
3.400	0.199	17.19	88.35	8.796	4.8123
3.600	0.179	15.46	89.15	9.589	4.8477
3.800	0.163	14.05	89.40	10.697	4.7032
4.000	0.144	12.43	89.02	11.156	4.6375

S-264 N-S

TSK=18.50

TUS=5.00

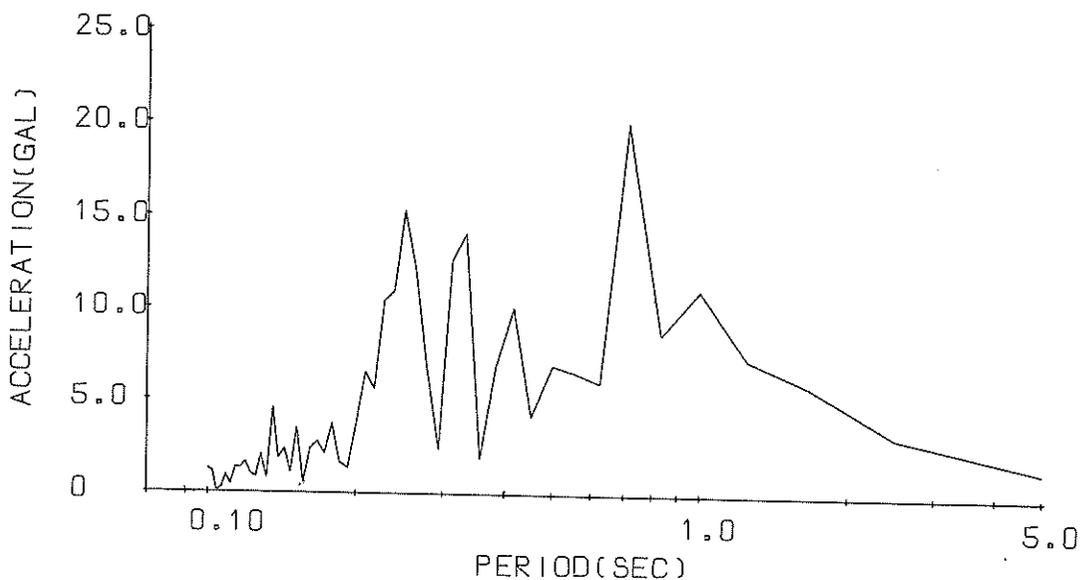


Fourier Spectrum

S-264 E-W

TSK=20.00

TUS=5.00



Fourier Spectrum

FOURIER ANALYSIS

RECORD=S-264 COMPONENT=N+S SIGNAL=GR,ACC. STATION=AOHORI-S  
 DATE AND TIME=1968-05-16-19-39 EARTHQUAKE=1968-TOKACHIOKI CORRECTION=ARC,ERR. SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 8950 DATA USED = 501 TIME LENGTH = 5.0031(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1850

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	-0.2084244E 001	0.2953357E-001	0.2084454E 001
2	2.5000	0.4000	0.9976974E 000	0.1134487E 001	0.1910782E 001
3	1.6667	0.6000	-0.5216280E 001	0.3842364E 001	0.6722582E 001
4	1.2500	0.8000	-0.4697415E 001	-0.4763783E 001	0.6693803E 001
5	1.0000	1.0000	-0.9358890E 001	0.8094699E 001	0.1277445E 002
6	0.8333	1.2000	0.4458895E 001	-0.6695422E 001	0.8212330E 001
7	0.7143	1.4000	-0.1909622E 001	0.7543786E 001	0.7787550E 001
8	0.6250	1.6000	0.7867990E 001	-0.4143258E 001	0.8892236E 001
9	0.5556	1.8000	0.5657647E 001	-0.4073884E 001	0.6953787E 001
10	0.5000	2.0000	0.5097520E 001	-0.5057672E 001	0.6390003E 001
11	0.4545	2.2000	-0.4226201E 001	0.8873288E 001	0.9828327E 001
12	0.4167	2.4000	-0.1996959E 001	0.6247170E 001	0.8838250E 001
13	0.3846	2.6000	-0.2805051E 000	-0.1283000E 002	0.1588247E 002
14	0.3571	2.8000	0.1986018E 001	-0.1473578E 001	0.2468797E 001
15	0.3333	3.0000	-0.6743415E 000	-0.2355028E 001	0.2447750E 001
16	0.3125	3.2000	-0.6990565E 001	0.3522106E 001	0.7827721E 001
17	0.2941	3.4000	0.6790585E-001	0.4844894E 001	0.4645391E 001
18	0.2778	3.6000	0.2452499E 001	-0.5801152E 001	0.6290502E 001
19	0.2632	3.8000	-0.3886838E 001	0.5971565E 001	0.7125104E 001
20	0.2500	4.0000	0.1527416E 002	0.1034067E 002	0.1682636E 002
21	0.2381	4.2000	0.7081560E-001	-0.2271115E 001	0.2971957E 001
22	0.2275	4.4000	-0.4952386E 001	-0.1501182E 001	0.5120469E 001
23	0.2174	4.6000	-0.1471931E 002	-0.4212057E 001	0.1531011E 002
24	0.2083	4.8000	0.8425241E 000	-0.3905401E 001	0.3996225E 001
25	0.2000	5.0000	-0.2151818E 001	-0.3052366E 000	0.2153559E 001
26	0.1923	5.2000	-0.1626214E 001	-0.3323398E 001	0.3714549E 001
27	0.1852	5.4000	0.2642603E 001	0.1933024E 001	0.3104888E 001
28	0.1786	5.6000	-0.8088609E 000	-0.1903490E 001	0.2068219E 001
29	0.1724	5.8000	0.2047846E 001	-0.1843174E 000	0.5051199E 001
30	0.1667	6.0000	0.20444077E 001	0.5785188E 000	0.5077145E 001

FOURIER ANALYSIS

RECORD=S-204 COMPONENT=N-S SIGNAL=GR,ACC. CORRECTION=ARC.ERR. STATION=AOMORI-S  
 DATE AND TIME=1968-05-16-19-39 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 8950 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1850

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BN\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
31	0.1616	6.2000	-0.1718097E 001	-0.3661782E 001	0.4044812E 001
32	0.1562	6.4000	0.7939916E 000	0.7547282E 000	0.1081780E 001
33	0.1515	6.6000	-0.2932428E 000	0.1582270E 001	0.1504197E 001
34	0.1471	6.8000	0.1551148E 001	0.9294551E 000	0.1639966E 001
35	0.1429	7.0000	0.2662924E 000	0.5955718E 000	0.7793010E 000
36	0.1389	7.2000	-0.7576071E 000	0.4251770E 000	0.8667470E 000
37	0.1351	7.4000	0.1962723E 001	0.1732146E 001	0.2617749E 001
38	0.1316	7.6000	-0.44461029E 000	-0.8725984E 000	0.9802854E 000
39	0.1282	7.8000	0.11077547E 001	0.4242983E 000	0.1169516E 001
40	0.1250	8.0000	0.2269446E-002	-0.4047369E-001	0.4085509E-001
41	0.1220	8.2000	0.2056544E-000	0.3735386E-001	0.5067538E 000
42	0.1190	8.4000	0.1006424E 000	0.6115039E-001	0.1177558E 000
43	0.1163	8.6000	0.1288679E 001	0.6529027E 000	0.1710070E 001
44	0.1136	8.8000	-0.1459925E 000	0.1295828E 001	0.1602039E 001
45	0.1111	9.0000	0.1099067E 001	-0.1272478E 001	0.1681413E 001
46	0.1087	9.2000	-0.1592182E 000	0.4615122E 000	0.4821398E 000
47	0.1064	9.4000	0.22422589E 000	-0.7900377E 000	0.7750477E 000
48	0.1042	9.6000	0.3711125E 000	0.5999828E 000	0.6801507E 000
49	0.1020	9.8000	-0.6992099E 000	-0.6734782E 000	0.9710208E 000
50	0.1000	10.0000	-0.3078520E-001	0.5213687E 000	0.5222275E 000

FOURIER ANALYSIS

RECORD=3-264 COMPONENT=E-W SIGNAL=GR,ACC. CORRECTION=ZERO,ARC STATION=AOMORI-S  
 DATE AND TIME=1968-05-16-19-39 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 8950 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 2000

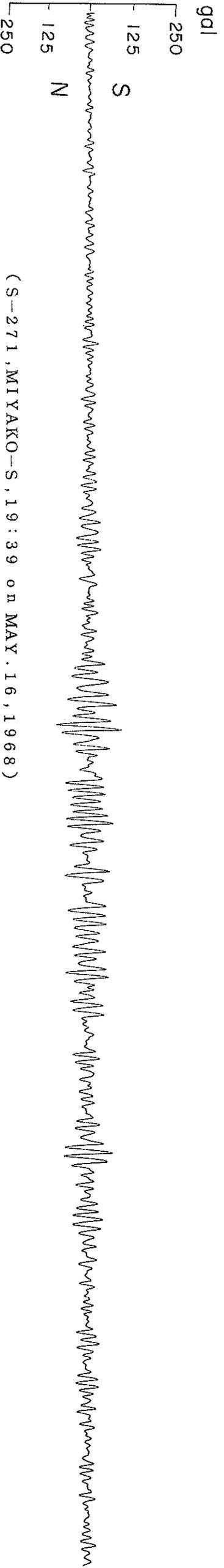
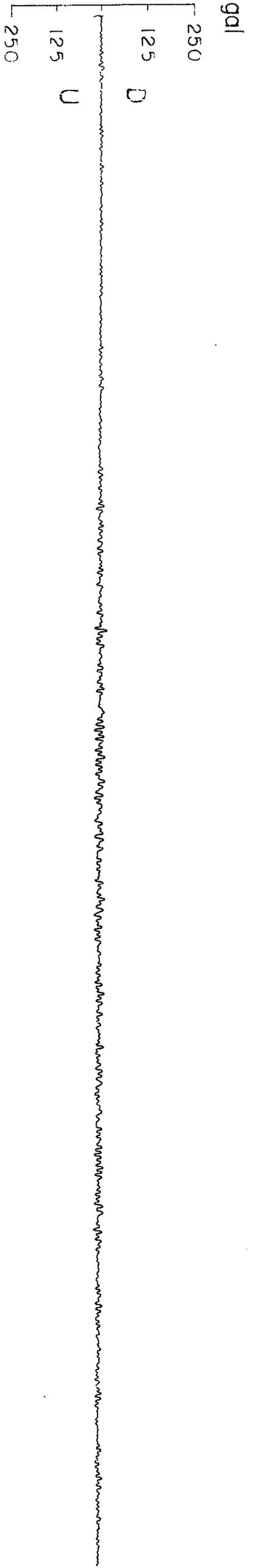
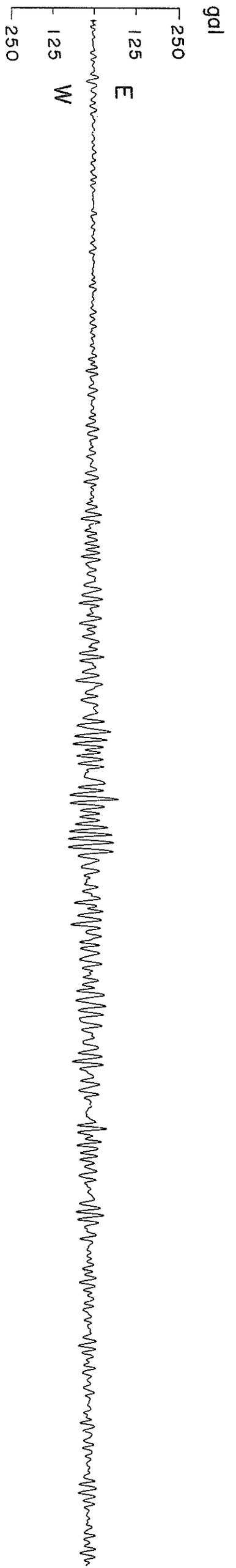
NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	-0.993402/E 000	-0.1049794E 001	0.1444585E 001
2	2.5000	0.4000	-0.2584133E 001	0.1897359E 001	0.3205887E 001
3	1.6667	0.6000	0.3911597E 001	0.4672562E 001	0.5866847E 001
4	1.2500	0.8000	-0.6284384E 001	-0.3124966E 001	0.7288314E 001
5	1.0000	1.0000	-0.1032902E 002	0.3997802E 001	0.1107572E 002
6	0.8333	1.2000	-0.8547591E 001	0.1213346E 001	0.8634125E 001
7	0.7143	1.4000	-0.1476879E 002	-0.1032477E 002	0.1997869E 002
8	0.6250	1.6000	0.1880965E 001	0.5657080E 001	0.5961592E 001
9	0.5556	1.8000	-0.2906742E 001	-0.2823179E 001	0.6548908E 001
10	0.5000	2.0000	-0.5237525E 001	0.4147680E 001	0.6917461E 001
11	0.4545	2.2000	-0.6125635E 000	0.4115520E 001	0.4158879E 001
12	0.4167	2.4000	0.8449592E 001	0.5477123E 001	0.1006949E 002
13	0.3846	2.6000	-0.8706772E 000	-0.6837725E 001	0.6892935E 001
14	0.3571	2.8000	-0.1855518E 001	0.4694686E 000	0.1908851E 001
15	0.3333	3.0000	0.1599322E 002	-0.1635778E 001	0.1408915E 002
16	0.3125	3.2000	-0.1237958E 002	-0.2693686E 001	0.1260983E 002
17	0.2941	3.4000	0.1256398E 001	0.1785521E 001	0.2669394E 001
18	0.2778	3.6000	0.5980806E 001	-0.5622691E 001	0.6889227E 001
19	0.2632	3.8000	0.8157295E 001	-0.8957714E 001	0.1211537E 002
20	0.2500	4.0000	0.6114659E 001	-0.1404993E 002	0.1532272E 002
21	0.2381	4.2000	0.5420979E 001	-0.9552510E 001	0.1096612E 002
22	0.2273	4.4000	-0.1616155E 001	0.1023262E 002	0.1040856E 002
23	0.2174	4.6000	0.2238013E 001	0.5143224E 001	0.5613636E 001
24	0.2083	4.8000	-0.6066622E 001	-0.2484264E 001	0.6525069E 001
25	0.2000	5.0000	0.4466776E 000	-0.3711421E 001	0.3737847E 001
26	0.1923	5.2000	0.8696782E 000	0.1064259E 001	0.1632198E 001
27	0.1852	5.4000	-0.1613455E 001	-0.3255600E 000	0.1645973E 001
28	0.1786	5.6000	-0.6086402E 001	-0.2123036E 001	0.3743615E 001
29	0.1724	5.8000	-0.1016949E 001	0.1843466E 001	0.2105363E 001
30	0.1667	6.0000	-0.1050593E 001	-0.2283406E 001	0.2786078E 001

RECORD=S-264 COMPONENT=L-W SIGNAL=GR,ACC. CORRECTION=ZERO,ARC STATION=AOMORI-S  
 DATE AND TIME=1968-05-16-19-39 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 8950 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 2000

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	3M	CM
31	0.1613	6.2000	0.2676874E 001	0.2168475E 000	0.2688757E 001
32	0.1562	6.4000	-0.3698746E 000	-0.4355655E 000	0.5714232E 000
33	0.1515	6.6000	-0.5214620E 001	-0.1085978E 001	0.3500674E 001
34	0.1471	6.8000	-0.4480606E-002	-0.1105622E 001	0.1105631E 001
35	0.1429	7.0000	0.5782391E 000	-0.2007560E 001	0.2677696E 001
36	0.1389	7.2000	0.7499548E 000	-0.1695047E 001	0.1854456E 001
37	0.1351	7.4000	-0.1252905E-001	-0.4595520E 001	0.4596537E 001
38	0.1316	7.6000	-0.8019556E 000	-0.7355389E 000	0.7951067E 000
39	0.1282	7.8000	0.2035915E 001	0.2938286E 000	0.2057009E 001
40	0.1250	8.0000	0.7484936E 000	0.3615258E 000	0.8311902E 000
41	0.1220	8.2000	0.8854286E 000	-0.4912065E 000	0.1012555E 001
42	0.1190	8.4000	0.4015035E 000	-0.1603859E 001	0.1653351E 001
43	0.1163	8.6000	-0.4347889E 000	-0.1225038E 001	0.1299908E 001
44	0.1136	8.8000	-0.1322399E-001	-0.1365495E 001	0.1366559E 001
45	0.1111	9.0000	0.3548433E 000	-0.2278584E 000	0.4217028E 000
46	0.1087	9.2000	-0.5747042E 000	-0.8223359E 000	0.9507891E 000
47	0.1064	9.4000	-0.1650643E 000	-0.1819896E 000	0.2456956E 000
48	0.1042	9.6000	-0.2242108E-001	0.7759606E-001	0.8077038E-001
49	0.1020	9.8000	0.3872826E 000	-0.1063512E 001	0.1131833E 001
50	0.1000	10.0000	-0.4045616E 000	-0.1165366E 001	0.1234527E 001



(S-271, MIYAKO-S, 19:39 on MAY. 16, 1968)



RECORD=S-271	COMPONENT=N-S	SIGNAL=GR.ACC.	CURRETION=ARG.ERR.	STATION=MIVAKO-S						
DATE ANU TIME=1968-05-16-19-39	SAMPLING INTERVAL= 0.010(SEC)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 5500							
NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	0.60	-6.40	7.90	0.80	-1.90	5.59	-0.40	13.83	5.20	-0.50
2	1.80	-6.81	6.00	1.60	0.50	3.79	-0.70	12.11	5.19	-3.20
3	-0.00	-7.40	8.09	4.52	4.52	1.50	-1.00	9.27	4.10	-4.52
4	-3.99	-7.40	7.08	3.70	9.30	-0.00	-1.40	2.40	3.90	-8.20
5	-0.70	-7.28	2.58	3.30	9.28	-1.40	-1.40	1.70	3.10	-8.18
6	1.90	-5.68	2.50	2.10	8.17	-2.50	-1.40	0.40	3.10	-6.92
7	4.80	-2.30	1.10	1.10	5.87	-3.10	0.00	1.10	2.80	0.30
8	4.59	0.00	0.60	0.50	1.90	-1.90	1.20	1.90	2.40	2.41
9	1.50	2.51	0.10	0.30	0.00	0.00	2.10	2.30	1.50	11.56
10	-0.20	7.95	1.20	0.	-1.90	1.00	1.30	1.90	1.60	13.44
11	-3.01	11.62	1.40	0.00	-8.10	1.40	1.30	1.70	2.10	14.54
12	-5.78	12.24	1.80	0.10	-8.20	2.00	3.20	1.40	2.50	15.30
13	-3.58	13.33	1.30	1.00	-8.15	3.50	4.01	2.50	2.10	15.24
14	2.62	14.00	0.40	1.60	-4.97	3.90	5.60	3.40	2.10	13.63
15	13.73	13.90	0.00	1.60	0.00	3.90	6.30	3.90	2.10	4.68
16	14.40	11.24	-1.10	1.60	1.90	3.90	5.90	3.90	1.90	1.50
17	14.36	1.90	-2.10	1.60	4.50	3.90	5.80	3.90	-0.00	-0.00
18	12.92	-2.40	-2.10	1.60	5.59	3.90	5.30	3.90	-1.20	-1.30
19	0.50	-6.43	-1.40	1.60	4.40	3.90	4.99	3.20	-1.10	-1.70
20	-9.03	-9.80	-0.60	2.00	4.40	3.90	3.69	2.50	-0.50	-0.70
21	-10.80	-9.80	0.00	3.00	3.90	3.60	1.00	2.10	0.00	0.00
22	-9.68	8.68	10.85	4.00	3.50	2.50	-0.00	1.90	1.40	0.50
23	-9.98	8.74	11.43	3.50	3.50	1.90	-2.00	1.50	2.31	1.60
24	-6.83	-5.38	12.32	4.60	3.50	-0.00	-4.10	0.80	9.23	1.50
25	-0.40	-2.30	12.79	4.60	4.30	-1.20	-3.80	-0.00	11.00	0.40
26	4.64	0.40	12.16	4.60	4.60	-1.20	-3.80	-0.00	11.00	0.40
27	12.22	1.00	4.78	3.90	4.80	-2.20	-1.40	-2.50	11.07	-0.50
28	12.90	2.61	0.00	2.40	4.70	1.10	0.70	-2.60	2.40	5.34
29	12.70	9.11	-3.51	0.80	3.79	11.62	1.90	-1.50	0.10	11.30
30	9.62	9.60	7.30	0.00	1.90	12.20	7.93	0.00	-1.70	11.30
31	0.60	9.57	-6.58	-0.30	1.40	12.20	10.11	0.80	-1.91	11.40
32	-6.02	7.97	-4.58	-0.40	1.10	12.19	10.40	1.90	-8.30	11.24
33	-8.29	5.98	-1.10	-0.10	0.40	11.71	10.40	3.21	-8.39	6.68
34	-7.78	3.90	0.50	0.	0.10	5.37	10.50	8.73	-7.65	1.70
35	-6.48	3.00	0.50	0.00	-0.10	0.50	10.57	10.50	-2.20	-1.90
36	-4.09	1.60	3.91	0.10	-0.10	-1.10	8.87	10.40	-1.00	-5.71
37	-2.50	1.30	2.91	0.70	-0.60	-9.91	1.10	10.38	0.00	-7.30
38	-2.50	0.70	6.60	3.90	-0.50	10.49	10.49	9.60	0.40	-7.28
39	-1.50	0.50	6.20	4.50	0.00	9.89	-2.11	4.49	1.30	-5.49
40	-1.80	0.40	5.90	5.00	0.40	9.89	-9.20	1.90	3.50	-3.50
41	-1.00	0.40	5.39	4.70	3.00	9.16	-14.69	1.90	3.50	-3.50
42	0.00	0.40	4.50	4.20	4.00	4.00	16.45	1.00	4.31	-3.00
43	9.95	-0.00	3.79	4.20	4.30	3.91	15.60	0.20	5.91	-3.00
44	12.24	-0.10	1.90	3.00	4.80	7.93	13.34	-1.00	7.32	-1.10
45	13.30	1.20	-0.00	5.60	5.60	9.31	-4.28	-1.60	8.00	1.50
46	13.30	-1.80	1.40	0.40	5.80	10.20	0.60	-1.70	8.00	3.01
47	13.10	-0.10	2.30	0.20	5.80	10.20	9.28	-1.60	8.80	5.64
48	7.92	0.50	-2.30	-1.70	5.90	10.28	13.55	-1.00	8.98	11.01
49	2.00	2.21	-1.50	-3.70	5.90	9.28	14.70	0.10	7.54	11.22
50	-3.61	7.60	0.00	3.10	5.90	3.09	14.66	3.00	2.79	11.92

RECORD#S=271      COMPONENT=N-S      SIGNAL=GR,AUC      CORRECTION=ARC,ERR      STATION=HIYAKO-S      TOTAL NUMBER OF DATA= 5500  
 DATE AND TIME=1968-05-16-19-39      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=301

NO.	( 500)	( 550)	( 600)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	12.38	3.30	-0.60	6.49	8.28	-2.60	-3.29	-11.00	-11.52	5.46
2	11.65	2.60	-0.10	5.79	6.77	-5.20	-0.70	-11.01	-12.80	-0.00
3	9.74	2.20	0.70	4.29	4.00	-4.97	0.30	-7.44	-12.28	-7.93
4	2.00	1.60	2.40	1.90	2.80	0.00	0.00	-2.69	-11.42	-10.30
5	1.30	0.40	5.51	0.80	0.60	5.30	9.93	1.00	-1.70	-10.30
6	-4.82	-0.60	7.43	-1.00	-6.64	5.91	11.50	1.80	2.00	-10.28
7	-8.02	-1.20	9.80	-4.40	-11.04	7.80	11.40	4.12	5.01	-9.14
8	-9.70	-1.20	9.79	-5.39	-12.72	7.90	11.37	9.51	7.53	-6.06
9	-4.59	3.82	9.38	-3.99	-15.98	7.79	10.25	10.00	9.90	-1.40
10	-4.30	10.03	8.35	-1.60	-15.49	7.09	7.83	9.97	9.90	1.91
11	-3.49	11.61	5.28	3.82	-11.56	5.99	2.30	8.59	9.90	11.67
12	-0.30	11.90	1.60	11.50	-6.62	5.08	-0.00	7.70	9.85	14.03
13	0.80	11.96	-0.00	11.50	1.40	1.20	-2.00	7.87	7.24	16.91
14	2.20	10.63	-0.70	11.46	10.79	-0.00	-5.62	5.89	1.90	15.29
15	5.74	7.89	-2.10	9.87	18.36	-1.50	-8.60	5.09	0.10	11.26
16	11.96	-0.20	-2.10	8.28	20.74	-1.50	-8.60	4.00	-1.90	6.24
17	13.90	-4.52	-2.20	0.20	24.14	-0.70	-8.48	3.30	-4.20	-0.80
18	16.87	-6.42	0.00	-2.51	24.29	-0.10	-7.29	2.30	-3.60	-6.47
19	18.07	-9.86	2.30	-9.11	22.66	0.00	-6.09	0.40	-2.40	-14.16
20	12.27	-8.04	-0.00	-9.80	15.21	0.20	-4.39	-0.40	-2.20	-15.32
21	11.26	-3.49	-0.00	-9.76	-3.39	1.40	-2.70	-1.10	-2.20	-13.79
22	6.07	0.10	4.99	-7.59	-5.64	3.60	0.00	-1.20	-2.20	-11.22
23	2.30	2.70	3.90	1.50	-12.06	5.00	1.40	-1.10	-2.20	-8.36
24	0.20	5.83	3.89	5.84	-13.93	5.00	9.85	-1.10	-3.20	0.60
25	-1.80	9.81	1.80	11.81	-15.59	4.10	12.25	-1.10	-3.60	3.92
26	-6.00	10.32	0.10	12.24	-13.29	3.20	13.98	-1.20	-3.60	8.63
27	-6.00	11.00	-0.70	13.30	-7.79	2.50	15.91	0.00	-2.20	10.50
28	-5.70	10.83	-1.30	13.24	0.10	2.70	16.00	0.60	-1.30	10.48
29	-5.69	4.17	-2.70	11.41	6.35	3.60	15.92	7.40	0.50	9.43
30	-0.70	-2.70	-4.70	1.50	11.60	3.90	14.51	1.60	1.60	5.58
31	-2.60	-4.30	-5.80	-7.55	11.60	4.20	12.27	5.98	2.60	1.90
32	-1.60	-4.59	-1.60	-11.50	11.57	3.70	5.37	3.98	2.60	-0.00
33	-0.70	-1.50	1.20	-11.55	10.51	2.20	-0.00	-0.50	2.10	-0.20
34	0.00	-1.00	4.71	-9.88	6.55	2.20	-7.95	-6.55	1.40	-0.20
35	1.10	0.00	7.11	-8.87	1.70	0.10	-11.69	-11.92	-0.30	-0.20
36	2.50	1.90	7.92	-1.30	-3.92	-1.70	-18.06	-12.74	-1.80	0.
37	3.00	4.72	9.10	0.30	-8.70	-4.40	-20.20	-13.90	-3.10	0.
38	3.30	9.90	9.08	2.30	-8.96	-7.87	-19.82	-13.69	-4.00	0.
39	3.80	9.90	8.07	5.30	-6.44	-5.98	-13.44	-10.95	-4.50	-0.00
40	3.90	9.86	6.07	6.11	0.00	-3.69	-10.45	-5.06	-4.39	-0.30
41	4.20	7.93	2.00	7.00	0.80	-0.10	-0.30	1.80	-2.40	-1.70
42	4.20	2.50	-0.10	6.99	1.90	1.60	7.68	4.23	-1.60	-4.71
43	3.30	-0.00	-0.50	6.20	6.44	3.50	13.97	11.86	0.	-7.48
44	3.00	-3.11	-1.60	5.90	10.70	5.39	15.63	13.67	0.00	-5.87
45	6.00	-5.90	-1.60	5.91	10.70	3.99	17.89	15.36	6.56	-1.50
46	2.40	-5.68	-1.60	6.70	10.49	2.20	17.51	14.33	13.42	3.83
47	2.40	-3.20	-1.20	6.71	9.89	-1.00	13.11	8.40	13.90	12.00
48	1.80	-2.50	0.00	7.62	9.27	-5.10	5.64	1.80	13.88	15.49
49	-1.70	0.20	6.01	8.00	7.82	-3.41	-2.71	-3.41	13.22	17.80
50	1.90	-1.20	6.150	8.79	1.70	-5.09	-9.63	-9.24	11.05	17.51

RECORD=S-271 COMPONENT=N-S SIGNAL=SR.ACC. CORRECTION=ARC.ERR. STATION=MIYAKO-S  
 DATE AND TIME=1968-05-16-19-09 SAMPLING INTERVAL=0.010(SEC) FORMAT NO.=501 TOTAL NUMBER OF DATA= 5500

NO.	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	10.17	-2.50	0.93	4.07	0.50	0.	23.80	-12.59	-10.31	51.26
2	7.02	-4.71	14.26	-0.03	0.40	-0.00	23.18	-9.38	-15.18	51.13
3	-0.00	-7.56	20.65	-16.26	0.30	-0.20	-16.26	-3.19	-18.60	50.62
4	-7.46	-4.49	28.65	-26.01	-0.00	-0.10	14.49	0.70	-18.26	44.87
5	-12.38	-1.90	31.47	-29.05	-0.60	-0.10	12.02	5.33	-13.59	35.65
6	-14.60	-0.60	29.84	-28.30	-0.60	-0.10	9.50	10.27	-8.30	28.03
7	-14.65	0.60	22.68	-22.60	0.	-0.50	4.55	13.20	4.44	18.97
8	-13.44	2.60	19.32	-12.10	0.00	-0.50	-6.60	13.16	14.40	7.94
9	-11.79	5.62	1.50	0.00	0.80	0.00	-6.47	12.06	26.00	-3.53
10	-8.09	9.12	-5.94	12.08	7.51	0.10	-3.19	10.63	33.28	-14.23
11	-0.20	10.10	-11.97	18.04	8.21	1.20	0.00	7.85	33.46	-21.81
12	6.06	10.08	-17.66	26.12	9.20	1.90	1.50	4.09	41.00	-23.62
13	13.61	9.00	-21.30	28.45	9.20	3.00	2.00	2.50	42.60	-27.42
14	13.99	9.00	-20.98	31.67	9.22	2.00	2.00	1.00	39.38	-30.43
15	10.21	8.98	-17.53	32.29	10.33	1.00	-0.00	-1.50	31.49	-33.82
16	19.70	7.87	-12.27	29.25	11.46	-1.70	-3.11	-5.91	22.66	-32.79
17	19.70	5.70	-11.40	17.25	13.76	-5.10	-7.09	-7.90	-0.00	-28.78
18	19.53	4.99	-7.90	7.70	15.62	-5.10	-5.88	-7.88	-1.70	-26.93
19	16.99	3.19	-0.70	-0.10	15.49	-5.08	-4.99	-6.08	-31.79	-25.30
20	7.79	0.50	5.94	-7.53	13.26	-1.90	-3.69	-4.00	-37.77	-23.17
21	-0.10	-1.91	11.84	-17.87	9.49	0.00	0.	-4.00	-38.40	-20.53
22	-9.62	-11.09	15.28	-20.20	3.89	1.70	0.	-4.00	-37.88	-11.63
23	-15.62	-14.47	15.33	-19.72	-0.50	4.53	-0.00	-5.42	-33.90	-2.68
24	-19.72	-18.17	18.15	-14.16	-7.88	12.31	-0.10	-7.93	-24.19	11.91
25	-19.83	-17.02	24.19	-6.64	-14.44	12.50	-2.51	-9.93	-14.57	19.08
26	-18.72	-17.72	25.50	-0.60	-21.84	12.50	*10.27	-11.10	-1.79	27.61
27	-16.75	-13.37	25.50	5.13	-24.32	12.52	-13.54	-11.10	6.05	40.20
28	-5.44	-0.50	25.28	13.00	-26.12	10.05	-17.06	-11.00	12.76	51.66
29	3.32	5.54	26.43	13.00	-22.82	3.09	-17.90	-7.14	17.64	54.70
30	11.66	12.10	19.56	12.92	-14.00	-3.42	-17.77	-1.40	23.50	52.91
31	13.70	15.46	15.16	10.55	-7.12	-11.63	-15.79	2.51	20.93	45.00
32	19.38	18.40	4.96	4.57	-0.90	-12.68	-13.73	8.48	16.95	63.18
33	19.30	18.30	-6.11	-6.12	1.20	-11.78	-12.00	13.40	11.36	20.24
34	18.98	16.87	-9.19	-10.74	1.60	-11.70	-12.00	13.29	2.97	-0.70
35	14.93	14.72	-14.05	-16.50	4.43	1.81	-11.88	10.58	-12.10	-21.69
36	9.45	12.95	-17.81	-19.70	11.48	10.67	-7.82	9.78	-26.04	-35.13
37	1.90	11.50	-26.94	-19.41	14.36	13.50	-1.50	3.89	-38.63	-42.67
38	-4.13	7.81	-28.80	-15.76	18.18	13.66	-1.50	-0.00	-44.11	-51.82
39	-11.77	1.40	-33.40	-19.62	21.90	9.66	16.12	-3.74	-44.48	-57.07
40	-14.10	-3.11	-31.89	-5.46	21.80	-11.93	19.93	-15.54	-37.48	-58.20
41	-14.01	-6.13	-29.09	0.00	21.81	-11.93	20.30	-18.00	-28.21	-53.17
42	-11.83	-9.56	-15.92	1.90	20.50	-19.20	18.76	-16.40	-19.52	-43.49
43	-9.25	-12.85	-11.02	4.29	15.22	-18.98	13.58	-11.65	-12.71	-29.48
44	-1.30	-17.31	-7.78	2.10	9.73	-16.12	5.84	-6.16	-4.67	-9.66
45	0.00	-22.19	1.30	0.20	1.50	-14.01	-2.71	-0.70	2.31	1.92
46	1.30	-24.78	14.15	-1.90	1.50	-11.05	-11.08	2.00	11.91	27.20
47	1.30	-25.12	24.23	-4.11	1.20	-14.42	-14.42	5.92	26.16	44.22
48	1.30	-22.72	23.65	-6.58	0.	-19.25	-19.25	8.56	37.12	59.09
49	-0.00	-12.30	20.42	-3.89	0.	12.70	-20.64	5.83	45.32	67.90
50	-1.40	-0.60	13.60	-0.10	0.	23.80	-16.83	-3.32	49.84	75.30

RECORD=S-271  
 DATE AND TIME=1968-05-16-19-39 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=MIYAKO-S  
 SAHPLING INTERVAL= 0.040(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 5500

NO.	( 1500)	( 1550)	( 1600)	( 1650)	( 1700)	( 1750)	( 1800)	( 1850)	( 1900)	( 1950)
1	74.55	54.76	-10.92	17.88	-2.68	-18.85	-12.27	-37.65	-10.40	-21.50
2	70.79	64.20	-32.54	17.52	-43.90	-43.30	-30.36	-38.70	-10.42	-11.29
3	64.83	82.47	-35.56	16.35	-42.37	22.96	-39.84	-37.24	-11.09	2.62
4	47.87	90.18	-32.93	15.49	-34.98	34.43	-45.29	-31.65	-10.54	15.99
5	29.09	89.18	-22.16	15.42	-20.81	61.11	-48.30	-21.55	-8.04	29.31
6	9.45	69.28	-16.95	13.05	-9.25	36.17	-50.43	-2.28	-3.89	39.14
7	-11.80	40.67	-6.03	22.70	3.95	68.01	-48.48	14.55	0.00	44.11
8	-25.38	12.06	2.81	25.49	17.71	68.10	-37.61	29.90	2.01	44.40
9	-32.10	-18.82	10.53	29.29	24.18	63.68	-20.01	42.04	8.70	41.28
10	-31.11	-59.74	16.23	35.47	30.45	45.16	-7.56	51.36	8.52	33.21
11	-25.70	-72.14	21.16	35.67	33.26	23.43	3.22	55.62	3.49	23.23
12	-13.55	-71.36	15.89	35.21	27.81	-1.82	13.61	56.10	-0.00	12.14
13	-3.90	-61.95	12.11	30.69	-11.60	-32.90	18.91	54.70	-6.76	1.50
14	-4.08	-48.74	6.37	24.50	-1.31	-33.30	22.71	39.52	-13.12	-12.37
15	1.40	-35.02	3.19	14.43	-16.87	-37.90	22.67	16.26	-13.59	-30.93
16	4.44	-22.94	-2.80	-1.10	-33.72	-47.59	21.02	-7.80	-13.27	-41.90
17	16.28	-12.11	-2.40	-11.85	-35.22	-33.70	15.80	-33.06	-9.89	-39.73
18	13.20	0.50	-6.10	-38.05	-49.70	-21.03	11.45	-56.44	-9.29	-33.16
19	15.07	9.53	-3.90	-60.92	-48.79	-8.11	6.12	-64.91	-8.50	-24.04
20	12.19	16.14	-4.10	-63.37	-39.31	11.08	-3.92	-65.40	-8.50	-12.21
21	-0.00	20.69	-4.09	-62.16	-22.54	21.70	-11.19	-64.09	-8.49	2.01
22	-14.78	25.50	-1.40	-64.17	-11.33	24.67	-14.50	-54.50	-7.90	16.46
23	-25.65	25.50	-0.20	-40.39	1.30	26.74	-14.37	-42.08	-7.90	28.08
24	-34.47	23.30	2.41	-23.11	14.14	28.92	-27.81	-7.60	-1.79	35.21
25	-40.02	23.07	8.82	-8.34	27.55	32.70	-13.62	-12.42	-7.60	43.60
26	-43.50	15.62	9.88	1.91	35.90	31.81	-8.31	-1.49	-7.90	48.55
27	-40.91	10.34	8.95	19.45	35.90	27.82	-2.60	12.78	-8.08	46.14
28	-31.34	3.60	9.89	37.06	32.62	22.42	-1.90	26.40	-6.65	37.18
29	-13.86	2.00	4.39	39.90	19.75	10.32	-2.00	32.97	-1.79	21.18
30	0.40	0.00	2.00	39.24	-1.31	-1.41	-2.60	38.05	7.89	-1.10
31	16.68	-3.33	-0.00	33.39	-16.22	-14.05	-2.60	38.79	14.84	-19.19
32	31.36	-16.28	-1.50	18.07	-29.74	-17.53	-2.70	39.20	20.34	-31.36
33	44.36	-23.19	-1.90	3.57	-38.89	-18.07	-3.90	38.60	29.39	-38.60
34	50.77	-28.79	-1.90	-30.03	-38.58	-20.50	-3.90	36.98	36.60	-38.60
35	57.51	-35.09	-1.10	-45.91	-28.18	-21.50	-4.20	34.73	40.43	-38.13
36	58.34	-39.71	-1.10	-54.93	-11.45	-21.27	-5.10	29.13	44.27	-34.56
37	51.87	-40.64	-2.71	-54.60	-18.72	-5.60	-2.60	21.88	45.90	-26.03
38	43.57	-34.89	-0.49	-44.84	13.44	-13.91	-3.59	11.98	44.34	-18.00
39	29.54	-22.72	-14.59	-28.65	36.39	-11.84	-3.99	1.99	36.44	-9.83
40	2.26	-8.82	-18.85	-7.85	47.77	-11.84	-2.20	-12.37	21.53	-1.89
41	-29.37	6.81	-29.18	13.71	51.90	-7.77	-17.39	-17.39	8.37	5.35
42	-54.24	18.75	-29.81	27.27	47.11	2.01	1.30	-17.21	-12.02	12.99
43	-80.33	30.90	-25.34	37.78	33.91	15.98	1.80	-15.68	-29.19	15.67
44	-89.30	42.87	-18.55	43.59	12.35	25.76	1.30	-11.63	-50.70	20.84
45	-81.84	54.10	-11.47	45.60	-15.19	33.66	0.60	-9.40	-50.70	24.53
46	-69.93	53.76	-9.68	41.92	-42.11	59.64	-0.00	-9.40	-54.86	27.23
47	-48.84	49.97	-2.01	30.60	-41.21	41.21	-0.60	-9.41	-54.75	28.98
48	-25.23	44.09	8.78	11.18	-59.90	38.72	-9.97	-9.90	-52.13	26.10
49	7.11	28.97	13.89	-12.70	-53.70	30.55	-22.89	-9.91	-44.36	20.48
50	42.92	-1.00	-16.01	-35.41	-38.88	10.76	-32.06	-10.40	-32.83	-3.12

RECORD=S-271  
 DATE ANU TIME=1968-05-16-19-39  
 COMPONENT=N=S  
 SIGNAL=GR.ACC.  
 CORRECTION=ARC.ERR.  
 FORMAT NO.1301  
 SAMPLING INTERVAL= 0.010 (SEC)  
 STATION=MIYAKO-S  
 TOTAL NUMBER OF DATA= 5500

NO.	( 2000)	( 2050)	( 2100)	( 2150)	( 2200)	( 2250)	( 2300)	( 2350)	( 2400)	( 2450)
1	11.40	20.20	-38.70	35.18	0.	16.41	14.70	4.96	-31.42	39.21
2	-19.87	20.06	-37.22	37.54	-0.00	19.90	14.60	-2.81	-32.58	42.10
3	-64.00	18.48	-51.04	38.20	-1.40	19.73	12.48	-10.88	-30.71	33.13
4	-34.02	16.25	-20.07	35.84	-7.83	17.25	11.97	-17.75	-22.40	9.44
5	-51.87	4.08	-28.51	28.91	-9.80	7.55	11.10	-18.50	-11.55	-12.51
6	-22.47	-2.61	1.20	14.74	-11.99	-11.99	11.07	-18.49	0.00	-29.15
7	-10.07	-9.24	7.98	-0.00	-9.90	-28.54	9.76	-17.92	11.52	-44.63
8	0.30	-17.16	10.84	-10.80	-9.87	-38.66	2.89	-11.18	19.68	-59.63
9	9.56	-23.08	14.80	-19.51	-8.24	-41.14	-3.42	0.00	26.70	-62.30
10	19.05	-27.68	14.64	-27.56	-4.09	-13.43	4.62	30.08	-61.81	-58.03
11	24.26	-28.10	11.28	-35.11	-0.70	-21.57	7.97	27.46	-39.76	-25.93
12	28.10	-37.98	7.06	-39.43	3.21	-20.30	-22.23	13.16	9.14	-13.72
13	29.90	-27.19	3.49	-41.90	8.15	-8.12	-21.51	17.17	20.00	-25.93
14	29.95	-26.04	0.00	-39.70	11.72	3.84	-21.95	16.56	9.14	-13.72
15	17.90	-25.34	-2.50	-32.74	12.43	17.25	-15.84	12.48	-13.72	-25.00
16	8.47	-21.85	-6.09	-22.51	13.62	25.75	-7.82	6.53	-34.94	37.03
17	-0.00	-10.95	-0.90	-10.43	13.88	29.64	-1.90	-1.90	-34.94	37.03
18	-8.04	-1.69	2.51	13.22	30.40	0.50	0.50	-8.09	-36.20	46.23
19	-11.23	13.08	13.50	13.16	11.05	29.19	1.90	-14.23	-35.60	57.37
20	-19.23	27.23	13.27	25.97	5.39	22.43	4.10	-14.88	-31.79	64.73
21	-20.84	37.57	12.01	35.03	11.03	11.03	5.10	-16.47	-22.64	65.60
22	-24.78	41.28	-0.00	40.29	1.90	-2.81	5.19	-15.96	-12.47	65.30
23	-29.74	45.67	-10.05	44.67	1.90	-14.67	3.10	-15.13	-5.64	48.98
24	-36.17	46.71	-21.31	46.80	1.60	-27.62	1.20	-11.83	3.21	27.72
25	-41.65	40.62	-24.21	35.23	0.20	-34.10	-0.00	-9.44	9.40	-2.24
26	-42.99	28.02	-24.21	23.56	0.20	-44.30	-1.70	-6.60	14.50	-41.85
27	-39.25	11.69	-22.66	11.41	-0.20	-31.50	-1.70	-6.60	16.60	-65.55
28	-32.64	-1.31	-12.11	-1.71	-1.70	-22.85	0.60	-7.10	15.46	-62.59
29	-22.67	-37.29	-6.33	-12.20	-5.70	-12.20	8.01	-7.39	13.96	-52.20
30	-10.16	-57.12	1.90	-18.25	-5.70	-6.03	8.99	-6.69	10.63	-38.01
31	0.10	-62.59	4.21	-17.39	-5.70	2.21	8.39	-5.89	7.63	-38.01
32	12.39	-60.45	7.91	-14.34	-5.69	8.49	7.85	-3.90	1.70	-21.30
33	24.92	-52.83	8.86	-13.06	-4.70	14.50	3.89	-3.90	-4.12	-7.84
34	34.40	-42.95	12.44	-11.85	-3.90	14.18	0.20	-3.90	-9.76	3.84
35	41.33	-29.69	15.14	-9.99	-3.90	11.26	-3.32	-5.51	-12.93	17.09
36	45.20	-19.25	17.90	-4.80	-3.70	2.78	-11.75	-6.49	-19.16	32.53
37	40.84	17.19	17.38	-4.80	-3.40	-10.58	-20.36	-5.86	-21.14	43.03
38	31.45	32.33	9.63	-4.81	-3.91	-17.98	-25.10	-0.70	-21.51	48.58
39	20.71	41.07	-3.14	-5.93	-5.53	-21.70	-25.10	1.10	-21.58	51.24
40	13.31	46.06	-23.64	-9.75	-9.60	-21.25	-24.68	3.71	-18.72	50.76
41	-12.89	33.64	-43.30	-12.06	-9.60	-16.54	-21.34	7.82	-11.62	47.33
42	-26.65	54.85	-43.30	-13.91	-9.53	-7.55	-15.84	9.32	-8.98	38.78
43	-32.97	41.20	-46.75	-14.20	-6.18	-3.89	-9.44	10.62	-2.40	25.57
44	-36.91	20.97	-49.02	-14.09	-3.89	-0.10	-1.20	11.32	1.40	9.55
45	-37.78	7.62	-43.31	-13.87	-1.70	2.50	4.60	11.90	3.01	-7.35
46	-33.75	-6.68	-31.29	-12.99	-1.00	5.42	5.73	11.85	5.85	-29.46
47	-21.16	-24.89	-18.84	-9.97	0.00	9.27	10.33	9.94	13.01	-42.06
48	-7.93	-32.38	1.51	-3.89	3.11	13.26	11.60	0.50	19.24	-45.69
49	4.57	-36.85	14.15	-0.90	9.59	14.70	11.60	-10.40	27.51	-48.16
50	18.77	-38.70	30.94	0.	14.00	14.70	11.41	-33.72	33.55	-37.34

RECORD=S-271      COMPONENT=N=S      SIGNAL=GR,ACC.      CORRECTION=ARC,ERR.      STATION=MIYAKO=S  
 DATE AND TIME=1968-05-16 19:39      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=P301      TOTAL NUMBER OF DATA= 5500

NO.	( 2500)	( 2550)	( 2600)	( 2650)	( 2700)	( 2750)	( 2800)	( 2850)	( 2900)	( 2950)
1	-31.65	10.88	15.86	-10.00	4.13	2.60	-1.90	-6.09	-8.57	4.00
2	-25.76	6.06	6.46	-5.27	11.40	1.50	3.22	-4.49	-0.70	3.17
3	-19.43	1.30	1.79	0.10	15.21	-1.91	9.02	-3.09	4.12	-11.61
4	-11.59	-6.14	-8.42	13.94	19.30	-22.75	10.20	1.60	8.73	-22.25
5	-1.40	-10.63	-24.09	13.10	19.18	-22.46	10.10	8.31	10.70	-25.97
6	1.30	-11.60	-38.25	12.98	17.52	-24.60	9.87	8.70	10.78	-30.50
7	1.90	-11.79	-42.35	10.92	13.11	-24.50	8.37	6.63	9.81	-29.58
8	2.60	-11.27	-36.67	7.91	2.97	-22.30	6.18	3.98	5.28	-23.97
9	3.60	-9.94	-27.61	1.00	-10.10	-11.91	3.75	-1.71	2.49	-12.47
10	4.42	-2.60	-18.26	0.00	-4.84	-5.94	0.40	-11.66	-4.13	-5.85
11	9.09	-1.60	-7.46	-0.91	-2.42	1.50	-19.27	-2.19	-1.47	1.10
12	16.92	0.00	5.62	-7.94	-26.19	9.90	-19.99	-30.69	-13.98	11.79
13	14.30	1.00	12.48	-11.02	-27.90	14.00	-18.39	-34.37	-15.71	18.19
14	14.30	2.00	20.95	-11.65	-27.26	16.50	-12.97	-32.02	-15.67	22.00
15	13.66	2.00	27.56	-13.39	-23.60	14.40	-9.42	-24.98	-13.22	21.71
16	6.87	1.90	34.50	-15.71	-21.04	12.22	-5.27	-17.26	-10.93	16.62
17	-5.06	1.30	32.92	-13.90	-17.20	9.74	0.40	-9.31	-0.80	10.98
18	-19.02	0.60	27.51	-15.90	-11.15	2.00	3.91	0.50	1.30	2.58
19	-19.80	0.20	25.00	-15.77	-5.46	-3.41	5.70	6.87	3.80	-11.45
20	-19.42	-1.81	14.80	-13.27	-7.59	0.40	5.67	14.05	4.20	-23.87
21	-13.08	-9.98	1.10	-9.82	3.71	-7.06	1.10	15.42	3.59	-30.06
22	-14.44	-14.06	-9.28	-5.86	6.51	-5.20	-9.69	19.60	-0.00	-35.75
23	-10.89	-22.11	19.47	0.00	7.20	-4.69	-13.90	19.41	-7.75	-35.90
24	-6.65	-22.20	33.07	11.98	6.95	-3.60	-13.80	17.00	-11.31	-34.74
25	-1.40	-21.76	43.07	17.62	1.90	-2.50	-13.23	12.14	-11.71	-29.60
26	0.50	-17.59	44.40	17.90	0.40	-2.50	-11.36	1.40	-2.16	-20.64
27	0.60	-12.98	44.40	17.38	-0.40	-3.20	-9.86	-10.03	-14.19	-8.33
28	0.60	-4.56	40.83	9.72	-1.10	-3.70	-8.07	-16.44	-16.08	2.72
29	0.60	3.92	32.16	1.20	-5.30	-4.10	-5.87	-22.00	-15.74	12.55
30	0.60	10.01	22.98	-7.37	-5.30	-4.81	-1.60	-21.59	-14.59	22.46
31	1.80	15.51	-14.02	-13.73	-5.30	-6.52	-1.70	-17.42	-14.21	23.80
32	3.62	21.20	-7.58	-19.23	-5.20	-8.82	-3.20	-10.27	-12.15	23.57
33	10.61	21.20	1.71	-19.59	-5.90	-10.14	-5.30	-0.70	-10.64	21.18
34	11.20	20.37	11.50	-19.44	-5.91	-11.81	-5.80	3.62	-8.21	13.91
35	10.97	11.86	19.09	-18.29	-7.32	-12.08	-5.80	12.45	-8.61	0.70
36	6.17	7.41	27.42	-12.95	-8.71	-11.44	-5.79	20.22	-9.31	-5.26
37	2.20	-0.00	29.12	-11.67	-9.31	-5.77	-4.60	20.82	-9.90	-15.33
38	-2.52	-2.21	27.91	-10.47	-9.61	-1.40	-3.79	26.48	-10.00	-25.20
39	-13.91	-11.92	20.57	-9.18	-9.90	0.20	-1.40	27.39	-10.00	-25.20
40	-24.85	-22.59	11.15	-8.00	-9.85	0.20	-1.40	24.98	-10.00	-24.92
41	-35.01	-29.35	2.19	-7.28	-7.28	0.20	-1.90	13.08	-10.00	-22.76
42	-35.63	-34.40	-7.53	-7.90	-5.79	1.10	-2.50	-0.00	-9.99	-18.73
43	-35.46	-33.79	-18.49	-6.00	-4.29	-1.30	-3.91	-10.95	-9.46	-3.88
44	-32.74	-29.95	-26.31	-8.00	-3.00	-7.53	-6.12	-23.43	-7.28	1.60
45	-24.34	-20.84	-28.70	-8.00	-1.70	-10.35	-8.40	-24.89	-5.68	5.03
46	-13.56	-10.42	-28.13	-7.85	1.00	-12.46	-8.50	-31.78	-2.10	9.77
47	-5.36	1.10	-23.18	-3.89	0.00	-14.10	-8.50	-28.50	0.30	8.47
48	0.30	14.33	-20.98	-1.50	2.10	-14.10	-8.50	-21.76	2.20	6.58
49	9.82	23.51	-20.71	0.40	-11.59	-11.59	-8.48	-19.98	5.30	4.17
50	11.00	22.79	-17.30	1.90	5.09	-7.72	-7.29	-12.28	4.99	-3.82

RECORD=S-271 COMPONENT=N-S SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=MIYAKO-S  
 DATE AND TIME=1968-05-16-19-39 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 5500

NO.	( 3000 )	( 3050 )	( 3100 )	( 3150 )	( 3200 )	( 3250 )	( 3300 )	( 3350 )	( 3400 )	( 3450 )
1	-10.46	-1.60	-9.99	-1.51	-5.60	-1.90	-16.38	-12.70	3.10	-9.70
2	-17.21	0.10	-9.58	-12.40	-2.70	-2.60	-15.95	-12.65	1.20	-9.80
3	-1.06	1.20	-8.76	-21.61	-1.50	-2.60	-13.30	-11.07	0.50	-9.73
4	-15.15	3.30	-6.16	-25.48	0.00	-2.60	-10.63	-18.37	-13.37	-6.35
5	-6.55	3.50	-1.20	-26.60	0.40	-2.00	-7.85	-7.06	-20.10	-0.50
6	-1.50	3.30	-0.20	-26.18	1.70	-1.40	-4.59	-3.29	-15.88	0.00
7	0.10	1.79	0.20	-22.34	3.30	-1.00	-1.50	0.10	-17.27	1.90
8	0.40	10.67	0.20	-11.05	5.10	-1.00	3.90	3.10	-15.70	2.70
9	2.20	-18.05	0.	-1.80	5.09	-0.90	3.90	5.00	-8.91	2.70
10	2.20	-24.41	-0.00	2.41	3.89	-0.30	2.50	4.50	-3.70	2.70
11	2.20	-27.20	-0.50	7.96	1.40	-0.60	0.40	3.60	-3.70	0.40
12	2.10	-26.86	-2.10	10.30	-1.40	-0.80	-1.91	2.30	-3.41	-4.73
13	1.40	-24.49	-4.01	10.25	-9.85	-0.30	-10.35	1.00	-6.10	-10.32
14	-0.00	-20.18	-2.69	7.90	-12.90	-1.50	-20.81	-0.00	-6.20	-15.90
15	-0.50	-11.33	-4.69	0.40	-25.90	-8.12	-21.95	-1.70	-6.10	-21.10
16	-2.11	1.20	-2.50	-8.09	-25.90	-8.12	-22.40	-3.92	-6.09	-21.10
17	-9.43	11.54	-2.20	-14.55	-25.51	-9.52	-22.16	-11.21	-6.29	-20.99
18	-11.16	12.80	-1.80	-21.90	-21.92	-10.53	-19.49	-15.33	-3.90	-19.73
19	-15.85	12.72	-1.40	-11.85	-11.78	-11.91	-12.52	-17.65	-3.30	-17.62
20	-21.90	10.44	-1.10	-21.69	-7.79	-12.91	-7.41	-15.41	-1.90	-13.57
21	-21.90	3.89	-1.20	-13.34	0.20	-12.71	0.30	-11.68	-1.50	-10.20
22	-21.78	1.60	-1.10	-14.02	6.06	-13.13	7.77	-11.23	-1.50	-5.87
23	-19.62	-1.10	-1.10	-12.15	14.00	-13.80	13.05	-8.64	-1.40	-1.80
24	-7.88	-6.73	-1.80	-7.64	16.31	-13.73	14.33	-4.68	-1.50	5.03
25	0.80	-10.17	-1.90	-2.59	16.38	-12.00	17.30	-0.10	-1.40	9.94
26	8.51	-13.10	-1.90	2.30	15.86	-8.59	16.95	2.40	-1.40	11.90
27	15.60	-13.05	-1.90	4.00	11.67	-2.00	11.44	6.23	0.	11.86
28	15.60	-11.66	-1.90	4.80	3.39	-1.20	5.87	9.40	0.	10.50
29	15.35	-10.28	-1.90	4.70	0.60	-0.50	2.00	-0.00	-0.00	2.39
30	10.35	-9.16	-2.71	4.69	-7.92	-0.50	-3.42	9.56	-2.20	-2.31
31	-0.00	-6.70	-8.66	3.08	-9.45	-1.90	-10.46	6.98	-6.75	-7.74
32	-10.35	-6.70	-12.38	-6.32	-11.94	-4.02	-17.28	5.08	-11.94	-10.78
33	-21.36	-6.71	-14.84	-9.75	-13.15	-9.16	-21.40	1.90	-16.82	-13.80
34	-29.04	-7.81	-17.70	-12.88	-14.43	-12.77	-21.26	-0.00	-22.06	-13.70
35	-32.42	-8.62	-17.70	-14.70	-15.05	-14.70	-19.21	-4.30	-13.59	-13.59
36	-50.80	-9.57	-17.70	-18.50	-14.05	-14.91	-11.15	-4.02	-33.93	-10.88
37	-26.63	-8.27	-17.70	-16.31	-12.94	-12.62	-9.16	-0.20	-20.89	-6.36
38	-18.85	-6.18	-17.41	-15.73	-11.11	-10.26	-7.14	-9.20	-14.50	-2.20
39	-12.12	-3.79	-13.15	-12.59	-8.46	-8.46	-2.00	-9.20	-10.12	0.30
40	-9.37	0.00	-11.76	-11.76	-2.20	-2.20	-0.70	-9.20	-2.40	1.90
41	-2.70	2.70	-7.26	-6.57	-2.20	1.90	0.00	-9.18	0.00	3.30
42	0.10	4.00	-3.69	-5.10	-2.20	1.90	0.50	-7.87	0.80	5.30
43	0.50	4.00	-1.40	-3.10	-2.20	1.90	0.60	-5.49	1.90	5.30
44	0.50	4.00	1.90	-3.90	-3.40	1.80	0.60	-4.39	3.10	5.30
45	0.50	3.10	4.41	-4.60	-5.33	1.00	-1.20	-2.30	3.10	5.30
46	0.50	1.30	7.33	-5.60	-9.87	-2.91	-3.92	0.00	3.10	5.30
47	-0.70	9.91	9.91	-5.09	-8.29	-10.45	-9.90	1.30	3.00	5.30
48	-1.50	-8.81	10.30	-3.60	-7.29	-12.56	-9.96	3.10	1.90	5.30
49	-1.60	-9.61	10.25	-3.60	-5.97	-17.07	-12.52	-2.61	-2.61	5.40
50	-1.60	-10.00	7.78	-3.60	-1.90	-17.98	-12.99	4.59	-9.11	5.29

RECORD=S-271 COMPONENT=N-S SIGNAL=GR,ACC. CORRECTION=ARC,ERR. STATION=MIYAKO-S.  
 DATE AND TIME=1968-05-16-19-39 SAMPLING INTERVAL= 0.010(SEC) FORMAT NO.#301 TOTAL NUMBER OF DATA= 5500

NO.	( 3500)	( 3550)	( 3600)	( 3650)	( 3700)	( 3750)	( 3800)	( 3850)	( 3900)	( 3950)
1	3.88	1.90	2.50	0.00	-0.20	5.19	-0.70	-5.87	-3.80	-13.20
2	-1.61	1.90	1.60	-1.90	-1.70	4.10	-0.60	-2.20	-0.60	-4.00
3	-13.64	0.60	-1.90	-7.10	-5.20	3.30	-0.70	0.40	-5.10	-18.10
4	-19.97	1.50	-7.75	7.50	-5.70	2.20	-0.70	3.00	-5.30	-20.63
5	-25.00	-5.14	-11.42	7.49	-5.70	-0.00	-2.20	3.90	-5.30	-19.68
6	-24.85	-12.06	-6.46	6.46	-5.20	-9.93	-4.11	3.89	-5.00	-17.08
7	-23.00	-17.22	-15.90	-1.90	-4.70	-11.86	-6.31	1.99	-4.20	-13.56
8	-13.53	-18.98	-13.81	0.30	-4.70	-23.91	-7.79	-3.92	-3.90	-10.04
9	-7.02	-18.67	-11.78	3.00	-3.89	-29.68	-7.29	-9.94	-3.90	-7.02
10	0.00	-16.93	-11.06	3.80	-2.30	-29.32	-6.49	-11.94	-5.10	0.20
11	4.23	-14.25	-9.59	3.80	-1.20	-27.12	-5.89	-13.10	-5.80	6.23
12	12.06	-10.81	-8.98	2.50	-20.93	-20.93	-4.51	-13.04	-6.21	9.95
13	16.98	-8.49	-7.89	1.90	-11.50	-11.50	-5.80	-11.44	-7.11	12.23
14	16.67	1.60	-6.99	0.00	0.50	-4.57	-6.00	-9.46	-7.81	13.07
15	16.20	5.41	-5.89	6.53	-2.20	1.60	-6.62	-7.48	-8.21	12.26
16	16.11	6.50	-9.89	6.50	-5.91	9.59	-8.40	-5.79	-9.11	10.98
17	14.30	6.58	-1.90	-11.98	-7.92	13.90	-8.60	-3.90	-9.70	8.35
18	9.83	4.49	-0.50	-14.45	-9.54	13.88	-8.70	-3.90	-9.90	5.03
19	1.90	2.00	0.50	-15.50	-11.74	13.36	-8.58	-4.60	-9.90	-7.99
20	-4.03	1.00	1.90	-15.42	-13.10	12.27	-7.16	-5.60	-9.88	-14.82
21	-11.45	-8.35	1.90	-15.86	-15.10	11.36	-3.59	-6.01	-8.98	-17.52
22	-17.04	-12.03	1.90	-12.95	-15.55	9.60	0.40	-6.01	-7.88	-17.52
23	-22.20	-16.11	0.60	-11.65	-12.51	-0.40	3.40	-7.88	-6.19	-20.60
24	-21.99	-17.81	-0.70	-9.83	-6.99	-6.54	5.40	-8.40	-4.69	-19.28
25	-20.05	-16.27	-3.21	-2.10	-6.18	-13.96	5.40	-8.40	-3.59	-15.33
26	-18.30	-12.31	-5.62	0.00	-3.69	-20.00	5.39	-8.39	-0.20	-10.13
27	-16.82	-9.43	-8.12	1.50	0.20	-19.89	4.08	-7.90	0.00	-2.59
28	-13.96	-5.66	-9.84	7.90	4.82	-18.30	-1.70	-8.00	0.40	3.51
29	-12.95	0.30	-11.52	7.90	9.59	-12.98	-8.00	-8.00	0.10	7.83
30	-11.47	5.40	-12.10	7.86	9.20	-9.79	-14.75	-7.92	-0.00	9.90
31	-10.35	5.39	-12.08	5.07	9.18	-4.49	-19.79	-9.10	-2.60	9.90
32	-8.21	3.79	-11.26	0.00	7.87	-1.30	-18.54	-9.10	-5.52	9.86
33	-1.80	1.90	-11.72	-2.00	5.89	1.20	-14.83	-9.09	-9.33	7.81
34	-0.30	0.60	-1.20	-6.55	4.09	4.40	-11.25	-8.50	-11.12	1.00
35	-0.30	-2.41	0.60	-11.48	1.89	4.40	-5.66	-8.39	-11.96	-8.24
36	-0.30	9.17	1.60	-14.37	-8.14	3.40	-0.20	-8.00	-13.98	-8.24
37	-1.00	-13.01	1.60	-20.04	-11.14	2.10	-0.20	-7.69	-15.83	-11.16
38	-2.71	-13.30	0.40	-15.13	-2.76	-0.00	3.51	-6.69	-14.54	-13.20
39	-6.32	-13.26	-0.00	-14.56	-2.11	8.20	-5.99	-5.99	-13.16	-13.20
40	-4.02	-12.15	-1.30	-12.38	-16.20	8.15	-4.10	-4.10	-19.28	-13.71
41	-9.90	-10.48	-7.81	-5.87	-16.09	-18.50	4.68	-4.10	-2.99	-13.90
42	-9.90	-9.58	-8.70	-1.90	-14.07	-18.36	1.20	-4.10	-2.99	-13.90
43	-9.99	-8.70	-8.69	0.10	-11.12	-16.49	-0.00	-4.10	1.30	-14.00
44	-8.28	-8.49	-7.99	2.20	-8.25	-14.59	-8.16	-4.10	3.90	-13.84
45	-8.29	-7.90	-7.05	4.40	-5.18	-12.25	-12.66	-4.10	5.40	-12.63
46	-7.47	-7.73	-2.60	4.40	-1.70	-10.45	-17.34	-4.50	5.39	-10.40
47	-5.09	-2.10	-0.40	3.50	0.30	-4.29	-19.40	-3.60	0.10	-6.34
48	-2.40	1.80	0.60	2.30	2.20	-1.70	-18.99	-3.60	1.90	0.10
49	0.00	3.70	0.50	1.90	3.80	-1.70	-13.93	-3.50	-3.12	4.21
50	1.20	3.30	0.50	0.60	5.20	-1.70	-9.82	-3.50	-10.36	5.80

RECORD=S=271	COMPONENT=N=S	SIGNAL=GR,AGC.	CORRECTION=ARC,ERR.	STATION=MIYAKO*S			
DATE AND TIME=1968-05-16-19-39	SAMPLING INTERVAL=0.0101SEC	FORMAT NO.=501	TOTAL NUMBER OF DATA=5500				
NO.	( 4050 )	( 4100 )	( 4200 )	( 4300 )	( 4350 )	( 4400 )	( 4450 )
1	5.79	6.51	-2.60	-0.00	-1.30	-13.10	-8.38
2	5.00	6.41	-3.30	-1.91	0.	-10.53	-7.09
3	4.09	7.80	-3.70	-11.22	0.	-7.40	-5.90
4	2.20	3.19	-3.90	-12.09	0.	1.20	-5.29
5	0.60	0.60	-3.90	-11.88	-0.00	4.01	-3.99
6	-0.20	-0.00	-4.20	-11.21	-0.20	6.20	-2.20
7	-2.20	-4.12	-7.55	-7.76	-2.11	6.20	-0.50
8	-3.90	-10.45	-3.30	-4.69	-7.72	6.17	0.00
9	-5.40	-16.27	-1.40	-2.50	-9.19	2.50	0.20
10	-5.90	-20.70	0.00	-0.70	-14.20	-0.70	1.20
11	-6.40	-20.60	1.00	-0.70	-16.40	-6.24	1.90
12	-6.40	-19.46	2.00	-0.70	-16.19	-11.53	1.90
13	-6.40	-17.28	3.00	-1.00	-12.56	-16.04	3.20
14	-6.38	-8.20	3.20	-2.00	-8.63	-18.33	3.20
15	-3.90	-3.70	2.60	-3.70	-4.09	-15.96	-4.30
16	-2.60	1.00	2.20	-5.21	-0.50	-13.30	-3.41
17	-1.70	4.61	1.90	-7.41	1.90	-8.15	-7.75
18	-0.60	6.00	1.50	-8.52	4.40	-4.48	-7.59
19	0.	3.71	0.40	-9.73	4.30	0.30	-7.00
20	0.	5.83	-0.00	-11.12	4.39	3.91	-6.99
21	0.	-10.04	-1.40	-12.06	2.99	6.31	-6.20
22	-0.50	-11.70	-3.10	-14.02	0.20	7.31	-10.06
23	-1.90	-5.25	-4.52	-14.42	-1.50	7.90	-8.37
24	-3.70	-11.54	-9.51	-12.00	-5.52	7.84	-3.80
25	-4.99	-6.19	-9.79	-9.61	-9.13	2.99	-3.30
26	-5.32	-13.25	-9.17	-5.17	-11.00	-2.51	-2.20
27	-9.10	-3.69	-7.77	0.20	-11.00	-7.93	-1.40
28	-9.10	-1.70	-5.09	2.00	-10.97	-10.34	0.00
29	-9.06	-7.07	-2.40	3.91	-9.84	-12.17	1.90
30	-6.57	-6.69	-0.40	5.91	-7.07	-14.29	4.50
31	-3.29	-2.60	0.	6.49	-3.99	-16.29	4.50
32	1.40	0.00	0.	5.58	-1.90	-16.05	4.50
33	2.40	0.30	0.00	3.10	0.	-13.34	3.79
34	3.91	1.00	-0.70	1.20	-0.00	-3.25	1.90
35	5.80	3.00	-2.21	-1.20	-0.20	-5.17	0.20
36	5.80	1.60	-7.93	-7.44	-1.30	-0.30	-0.30
37	3.79	1.00	-10.43	-10.66	-1.90	2.40	-9.54
38	3.79	0.00	-11.70	-13.60	-1.90	3.70	-11.62
39	1.60	-1.70	-11.60	-15.90	-1.20	3.60	-9.18
40	-5.12	-3.61	-8.15	-15.79	-0.60	3.60	-13.40
41	-7.87	-7.93	-4.89	-13.72	0.	3.29	-13.30
42	-13.30	-10.04	-1.90	-11.79	-0.00	1.00	-10.63
43	-13.30	-11.81	1.50	-8.17	-0.60	-1.80	-5.70
44	-13.27	-13.70	4.01	-6.09	-2.30	-5.73	-5.70
45	-12.57	-12.19	0.60	-5.00	-2.11	-9.58	-0.30
46	-11.64	-13.73	0.60	-4.70	-7.73	-11.31	0.30
47	-9.32	-12.01	0.10	-7.88	-10.04	-11.70	0.30
48	0.00	-6.47	-0.00	-4.99	-11.94	-11.70	0.30
49	3.71	-3.09	-1.00	-2.20	-13.10	-11.65	-5.70
50	6.41	1.20	1.90	-2.60	-10.20	-10.06	-5.69

RECORD=S-271  
 DATE AND TIME=1968-05-16-19-39  
 COMPONENT=N+S  
 SIGNAL=GR,ACC.  
 SAMPLING INTERVAL= 0.010(SEC)  
 CORRECTION=ARC,ERR,  
 FORMAT NO.,#301

STATION=MIYAKO-S  
 TOTAL NUMBER OF DATA= 5500

NO.	( 4500 )	( 4550 )	( 4600 )	( 4650 )	( 4700 )	( 4750 )	( 4800 )	( 4850 )	( 4900 )	( 4950 )
1	-4.00	-2.40	-4.20	-2.20	-8.16	-0.20	-1.40	0.40	-1.60	-11.60
2	-3.30	-4.01	-4.30	-4.70	-5.09	-3.31	-1.80	0.40	-1.90	-11.60
3	-1.90	-5.90	-4.30	-1.20	-3.90	-6.71	-2.00	-0.70	-1.90	-11.60
4	-1.00	-5.90	-3.69	-1.20	-3.20	-8.00	-2.50	-3.31	-1.90	-7.72
5	0.00	-5.60	-1.70	-1.90	-8.30	-8.30	-5.71	-5.71	-1.90	-1.90
6	0.50	-5.10	-0.70	-2.10	-1.90	-8.30	-4.61	-7.50	-1.90	-1.40
7	1.60	-4.30	-0.70	-3.20	-1.90	-8.126	-5.91	-7.50	-2.70	5.91
8	1.60	-3.80	-0.70	-4.62	-2.40	-5.88	-6.60	-7.46	-6.31	5.70
9	1.60	-3.70	-1.70	-9.11	-2.60	-3.40	-6.60	-3.89	-5.91	5.69
10	0.40	-3.80	-1.70	-9.70	-2.60	-1.70	-6.80	-2.10	-7.20	4.80
11	-0.40	-3.81	-2.10	-9.89	-2.60	0	-5.90	-1.80	-7.20	3.79
12	-7.93	-5.61	-3.10	-9.28	-2.10	0	-5.49	-1.20	-7.30	1.90
13	-10.30	-7.71	-3.10	-7.98	-1.80	0	-4.09	-1.20	-7.20	0.00
14	-10.30	-8.21	-3.10	-6.27	-1.50	0	-1.90	-1.20	-7.17	-3.00
15	-10.26	-8.71	-3.10	-3.00	-1.50	0.00	-1.80	-1.20	-6.19	-3.50
16	-8.47	-9.31	-2.30	-1.10	-1.90	-0.30	-0.30	-2.00	-2.50	-6.49
17	-6.65	-9.90	-2.30	0.20	-2.40	-0.70	0	-4.71	-1.40	-0.90
18	-1.30	-9.90	-3.10	1.00	-3.70	-1.40	-0.00	-6.51	-1.40	-0.90
19	1.80	-9.80	-3.70	1.00	-4.30	-1.90	-0.20	-7.90	-0.70	0.00
20	2.50	-9.85	-3.90	-0.00	-5.50	-3.10	-1.40	-8.20	-0.70	1.40
21	3.20	-7.24	-3.90	-0.10	-6.11	-3.60	-3.31	-8.19	-1.70	1.40
22	2.40	-2.20	-3.90	-0.10	-7.00	-3.40	-5.50	-7.48	-2.40	1.40
23	1.70	0.00	-3.90	-1.90	-7.00	-4.40	-6.21	-5.87	-3.70	0.30
24	-0.00	0.40	-3.80	-2.00	-6.99	-1.90	-7.80	-2.30	-5.29	-1.40
25	-0.30	1.90	-3.70	-2.00	-6.27	-1.60	-7.90	-1.80	-4.30	-1.30
26	-7.32	3.10	-3.60	-2.50	-6.30	-1.60	-7.90	-1.10	-3.90	-6.71
27	-10.31	3.20	-3.40	-3.90	-1.90	-1.90	-7.89	-0.10	-3.30	-7.12
28	-10.12	2.00	-3.40	-5.40	-1.20	-3.10	-7.18	0	-3.30	-8.50
29	-11.06	1.50	-3.30	-5.40	0	-3.10	-5.37	-0.00	-2.70	-8.50
30	-9.48	0.50	-2.40	-5.30	0	-5.20	-1.00	-0.10	-2.70	-6.50
31	-6.19	-5.95	-1.90	-5.30	-5.90	-5.90	-0.70	-1.40	-2.70	-6.50
32	-7.57	-9.67	-1.10	-5.29	0	-5.90	-0.70	-1.40	-3.70	-6.56
33	-4.98	-13.30	-0.20	-3.60	-0.00	-5.19	0	-7.33	-3.50	-5.87
34	-1.90	-13.30	0.40	-2.60	-3.30	-3.30	0	-9.73	-4.51	-1.90
35	0.20	-13.16	0.40	-2.60	-1.40	-2.50	0	-11.30	-5.70	0
36	0.40	-9.49	0.40	-2.00	-1.40	-2.50	0	-11.30	-6.00	0.00
37	0.40	-4.09	-0.70	-1.60	-2.10	-1.90	0	-11.29	-6.00	1.00
38	0.40	-1.00	-2.30	0.00	-3.80	-1.10	-0.00	-10.98	-5.99	1.70
39	-0.30	-1.00	-3.70	0.00	-3.80	0.00	-0.50	-10.19	-5.19	1.90
40	-2.61	-1.00	-3.70	6.00	-5.40	0.20	-1.90	-9.52	-2.60	1.90
41	-10.58	1.60	-5.91	6.00	-5.90	0	-4.41	-5.28	-1.20	1.40
42	-3.62	1.60	-5.60	6.00	-0.50	-0.00	-5.90	-2.40	0.10	-0.00
43	-11.47	1.60	-5.90	5.99	-0.50	-0.50	-6.20	-1.90	1.20	-1.90
44	-7.06	1.00	-2.90	4.19	-2.10	-2.10	-6.20	-1.40	1.20	-7.11
45	-3.60	1.00	-6.00	1.90	-4.10	-4.10	-6.20	-1.40	1.10	-8.10
46	-2.80	-0.00	-3.80	-0.30	-5.10	-5.10	-6.18	-1.40	0.50	-8.07
47	-1.80	-0.50	-5.49	-0.72	-2.40	-5.09	-3.79	-1.40	-0.10	-6.10
48	-1.40	-1.90	-4.60	-11.47	-3.50	-1.10	-1.20	-1.40	-0.10	-5.88
49	-1.40	-2.60	-4.00	-13.92	0	-1.90	-0.50	-1.40	-2.71	-5.30
50	-3.40	-3.60	-3.70	-14.34	0	-1.40	0.00	-1.40	-7.53	-1.90
		-4.20	-2.70	-12.83	-0.00	-1.40	0.40	-1.60	-9.94	-0.10

RECORD=5=271 COMPONENT=H-S SIGNAL=GR,ACC CORRECTION=ACC,ERR, STATION=MIVAYO=5  
 DATE AND TIME=1968-05-16 19:39 SAMPLING INTERVAL= 0.01(SEC) FORMAT=NO.833D1 TOTAL NUMBER OF DATA= 5500

NO.	( 5000 )	( 5050 )	( 5100 )	( 5150 )	( 5200 )	( 5250 )	( 5300 )	( 5350 )	( 5400 )	( 5450 )
1	1.10	0.	-4.19	-3.00	-2.20	-0.50	-1.90	-1.70	-1.90	2.10
2	1.10	0.	-0.50	-3.40	-2.70	-0.60	-1.70	-0.50	-1.00	3.10
3	1.10	0.	0.40	-3.40	-3.00	-0.90	-1.00	0.40	-1.00	3.10
4	1.10	0.	2.40	-3.40	-3.20	-0.60	-1.00	1.40	-1.00	3.10
5	0.	0.	4.10	-2.40	-2.30	-0.60	-1.00	1.80	-1.00	3.10
6	-0.00	-0.00	4.10	-1.90	-1.80	-0.60	-1.00	2.00	-0.20	3.10
7	-0.50	-0.50	4.09	-1.38	-1.70	-0.60	-1.00	2.20	0.	1.90
8	-1.90	-1.90	2.30	0.00	0.00	0.00	-1.50	3.00	-0.00	0.60
9	-3.20	-3.20	1.50	2.20	1.00	0.40	-2.30	2.30	-0.60	0.60
10	-4.30	-4.30	0.00	2.20	2.10	0.70	-2.50	2.00	-0.60	0.60
11	-4.20	-3.90	-3.91	2.20	3.90	1.60	-0.50	1.90	-1.00	1.40
12	-4.50	-3.30	-3.21	1.80	3.90	1.90	-2.70	1.90	-1.40	1.90
13	-4.30	-3.50	-7.20	1.00	3.40	1.60	-3.30	-4.52	-1.70	1.60
14	-4.30	-2.30	-7.20	-0.10	1.80	1.10	-0.50	-0.01	-1.10	1.50
15	-4.20	-1.90	-7.18	-3.81	-0.00	0.00	-1.30	-0.40	-0.60	0.60
16	-3.80	-1.90	-5.79	-6.00	-3.00	1.00	-0.10	-0.38	-0.40	0.
17	-2.50	-1.90	-4.59	-6.00	-5.00	-2.30	-0.70	-7.24	-0.00	0.00
18	-1.90	-1.90	-0.30	-6.10	-5.90	-6.51	-1.80	-1.80	-0.80	1.00
19	-1.30	-1.90	-2.30	-5.60	-5.90	-7.40	0.	0.00	-0.80	1.00
20	-0.50	-1.90	0.20	-4.99	-4.29	-7.40	0.	1.80	-0.70	1.50
21	0.	-2.60	2.40	-3.90	-3.00	-7.37	-0.00	2.10	-1.30	0.60
22	0.00	-3.10	2.70	-0.60	-0.60	-5.18	-0.40	3.30	-2.30	0.60
23	0.40	-3.10	2.70	-2.30	0.00	-1.10	-0.40	3.20	-3.40	-0.10
24	0.40	-2.60	3.00	-2.60	0.60	0.40	-0.40	4.60	-4.00	-1.00
25	0.	-2.40	3.00	-2.60	0.30	1.50	-3.50	4.60	-4.70	-1.60
26	-1.10	-2.50	0.10	-2.70	0.30	4.10	-4.50	4.10	-4.70	-1.60
27	-1.10	-2.50	-2.00	-0.00	-0.00	4.21	-5.50	3.50	-4.70	-1.60
28	-2.20	-3.00	-6.00	-1.10	7.20	5.60	2.00	2.00	-3.80	-1.60
29	-2.60	-3.30	-6.30	-1.70	7.18	5.60	0.60	0.60	-2.20	-1.60
30	-3.30	-3.70	-6.30	-1.40	5.58	5.60	-0.10	0.10	-1.20	-1.60
31	-3.50	-3.20	-6.30	-3.40	2.60	2.60	-1.70	-1.70	-1.20	-1.60
32	-2.70	-2.40	-6.26	-0.20	1.90	1.90	-5.00	-3.71	-0.30	-0.70
33	-1.90	-1.90	-3.39	-3.40	-0.00	-4.10	-8.20	0.	0.	-0.20
34	-1.50	-0.40	-1.60	-3.40	-5.11	-3.10	-8.19	0.	0.	0.00
35	0.00	0.00	0.00	-3.40	-7.00	-1.30	-7.65	0.	0.	0.50
36	0.20	0.50	1.00	3.40	-6.99	-0.10	-4.09	0.	0.	1.40
37	0.20	1.90	1.00	-3.40	-5.88	-0.10	-0.20	-0.20	-0.00	1.80
38	0.20	2.50	0.40	-1.70	-3.10	-0.10	2.20	2.20	-1.40	1.80
39	0.	1.90	-0.00	-0.20	-1.90	-0.10	0.10	0.10	-1.40	1.80
40	-0.00	1.20	-1.90	-0.50	-0.20	-0.30	3.80	3.80	-2.50	1.80
41	-1.30	0.10	-3.30	1.70	0.40	0.40	3.90	3.90	-2.50	1.80
42	-2.20	0.00	-0.30	-1.70	-0.20	1.40	-0.70	3.40	-2.50	1.80
43	-5.90	-7.73	-3.30	-1.70	-0.20	1.40	-2.30	2.20	-2.60	2.20
44	-4.30	-9.92	-2.30	-1.70	-0.60	1.40	-2.60	1.60	-2.60	2.20
45	-4.30	-10.71	-1.60	-1.80	-0.60	1.40	-2.60	1.60	-2.60	2.20
46	-3.80	-11.00	-1.00	-1.70	-0.60	1.10	-2.60	1.60	-2.10	1.90
47	-3.20	-10.97	-1.30	-1.70	-0.60	1.40	-2.60	1.60	-1.70	1.70
48	-2.10	-9.88	-1.60	-1.70	-0.60	2.40	-2.60	1.60	-0.60	0.60
49	-1.40	-8.66	-1.90	-1.70	-0.60	3.50	-2.60	1.70	-1.70	0.30
50	-0.50	-5.88	-2.30	-1.70	-0.60	2.40	-2.60	1.90	-1.90	0.30

RECORD=S=271	COMPONENT=EM	SIGNAL=BR,ACC.	CORRECTION=ARC,ERR.	STATION=MIYAKO=S						
DATE AND TIME=1968-05-16-19-39	SAMPLING INTERVAL= 0.010(SEG)	FORMAT NO.=301	TOTAL NUMBER OF DATA= 5500							
NO.	( 0 )	( 50 )	( 100 )	( 150 )	( 200 )	( 250 )	( 300 )	( 350 )	( 400 )	( 450 )
1	-0.50	1.30	0.70	-6.10	-1.00	1.90	1.50	7.85	2.70	-1.10
2	1.60	1.20	1.90	-3.10	-5.01	2.70	2.21	9.89	2.30	0.00
3	3.10	0.60	2.70	-3.10	-6.10	3.20	7.21	8.89	2.30	1.70
4	2.70	-0.00	2.70	-2.40	-5.89	3.20	8.40	8.66	2.30	4.81
5	0.	-0.10	2.30	-1.30	-4.09	3.20	8.05	5.86	2.30	7.10
6	0.00	0.00	2.30	0.10	-2.10	3.60	4.59	0.70	2.60	7.50
7	0.40	0.40	2.80	2.00	0.	3.90	2.10	-3.10	3.00	7.08
8	1.00	1.50	3.10	3.71	0.00	4.40	1.10	-1.10	3.10	5.49
9	1.40	1.90	3.10	8.02	0.40	4.50	-3.00	-5.00	2.60	3.80
10	3.90	2.00	3.10	9.20	0.10	4.30	-3.50	-4.29	1.50	2.50
11	6.27	2.00	2.60	9.28	0.	3.99	-3.50	-1.90	1.50	2.80
12	2.39	2.00	2.50	8.09	0.00	2.30	-3.50	-0.00	1.50	2.70
13	-5.71	3.20	1.40	7.09	1.10	0.00	0.00	0.10	-1.40	3.80
14	-0.70	3.50	-2.50	5.99	2.60	-0.60	0.00	1.30	-1.40	4.10
15	-5.28	4.40	-3.90	4.59	3.60	-0.70	1.20	2.30	0.10	3.90
16	-3.90	4.30	-5.10	2.10	4.10	0.00	0.00	3.30	1.20	3.60
17	-2.70	3.49	-4.49	1.80	5.20	0.80	3.90	4.11	3.92	3.20
18	0.00	-1.50	-2.30	1.20	5.90	1.60	4.20	6.31	9.95	2.20
19	1.70	-5.31	0.60	-1.70	5.91	1.40	5.10	7.40	12.40	0.
20	4.21	6.50	3.61	-3.00	7.09	3.60	5.91	7.58	12.38	0.
21	5.70	6.70	7.17	-4.10	5.99	3.80	6.60	5.78	11.73	0.
22	5.49	-6.17	13.66	-4.20	4.69	4.00	6.60	3.10	6.16	0.00
23	4.39	-3.09	15.10	-3.65	3.29	3.90	6.59	2.50	1.90	1.60
24	2.60	0.00	15.18	-3.09	1.10	3.10	5.90	2.00	0.30	3.40
25	0.20	1.00	14.76	1.00	0.	2.20	5.29	0.80	-3.50	3.90
26	-1.20	3.20	13.95	1.80	0.	1.70	3.29	0.80	-3.70	4.60
27	-1.30	4.21	5.17	2.80	0.	-0.00	-1.10	1.40	-2.70	5.51
28	-0.50	7.41	0.10	4.81	0.00	-0.20	-3.60	1.00	-1.60	6.30
29	0.00	8.29	7.96	6.69	0.30	0.00	-3.70	0.60	-0.10	5.87
30	0.80	7.88	-12.69	5.68	1.20	0.20	-3.80	0.60	-0.10	1.80
31	0.	6.18	-15.24	3.00	1.20	1.20	-2.70	1.30	0.50	-1.70
32	0.	3.58	-15.98	0.50	1.60	1.90	-2.70	1.80	0.50	-3.80
33	0.00	-1.90	-13.84	-1.60	1.90	2.60	0.	2.40	0.10	-3.50
34	0.60	3.70	-12.33	-5.51	2.30	5.81	0.	2.20	0.10	-3.19
35	1.90	4.70	-10.21	-7.20	3.10	6.51	0.	2.50	0.60	3.50
36	3.40	4.09	-6.04	-7.20	3.90	7.72	0.00	2.00	1.40	3.20
37	4.60	-2.00	2.10	-7.19	4.60	9.00	0.00	1.40	3.20	4.00
38	4.80	0.50	4.72	-5.87	4.70	8.98	2.70	1.40	4.01	4.00
39	4.49	2.10	8.85	-1.70	4.50	8.03	5.02	0.60	4.01	1.50
40	3.09	3.20	11.60	1.00	3.90	10.71	9.42	0.20	5.90	3.40
41	-0.80	3.20	11.60	1.70	3.20	11.17	10.71	0.70	5.90	4.00
42	-1.90	3.20	11.56	3.20	2.00	11.17	11.17	1.70	5.80	4.00
43	-1.30	3.50	10.18	3.02	1.80	10.04	10.04	2.20	5.31	5.30
44	-0.20	2.60	9.24	11.20	-0.00	0.	7.07	2.60	5.00	6.43
45	0.00	0.80	9.87	11.17	-0.50	0.00	3.99	2.80	4.39	10.11
46	0.10	-0.40	1.80	9.86	-1.10	0.00	3.10	2.40	2.70	10.61
47	0.10	-1.00	-0.70	7.97	-1.40	0.30	-3.10	2.40	1.20	10.37
48	1.00	-0.80	-1.50	6.08	-1.40	0.70	-3.20	2.40	-0.70	9.84
49	1.00	-0.40	-2.30	3.19	-0.20	0.70	-2.00	2.40	-1.90	6.96
50	1.20	0.00	-2.70	0.70	0.00	0.70	3.91	2.60	-1.70	-2.10

RECORD=S-271      COMPONENT=E-N      SIGNAL=GR,ACC.      CORRECTION=ARC,ERR.      STATION=HIYAKO-S      TOTAL NUMBER OF DATA= 5500  
 DATE AND TIME=1968-05-16-19-39      SAMPLING INTERVAL= 0.0101(SEC)      FORMAT NO.=801

NO.	( 500)	( 550)	( 600)	( 650)	( 700)	( 750)	( 800)	( 850)	( 900)	( 950)
1	74.51	0.	1.50	6.27	5.30	15.96	10.72	0.80	-6.90	-6.15
2	-7.50	0.00	1.90	3.30	5.30	13.92	15.43	0.80	2.60	0.00
3	7.90	0.30	2.70	2.50	5.27	14.44	15.90	1.70	3.91	1.90
4	-7.59	1.40	3.90	-0.00	-0.00	15.20	15.87	4.21	7.80	3.90
5	-6.74	3.80	5.30	2.10	2.30	15.17	15.12	6.45	15.33	4.20
6	-0.70	4.11	5.60	-3.40	-3.90	14.10	11.44	12.09	15.78	4.20
7	1.50	5.61	5.09	-3.70	-3.90	5.17	3.86	11.87	13.32	4.20
8	2.80	6.60	5.60	-2.60	-2.99	0.40	0.00	10.72	13.79	3.90
9	4.90	7.09	2.00	-1.90	1.00	-5.84	1.90	7.53	11.04	3.00
10	5.30	6.58	0.60	0.60	4.11	-12.02	-1.80	2.00	5.07	2.00
11	5.49	4.60	-0.70	4.10	5.91	-15.80	-5.53	-1.00	-0.60	1.20
12	4.19	4.19	-0.70	5.13	7.90	-15.37	-9.70	-3.20	-1.90	0.80
13	2.80	0.40	-0.20	10.85	7.88	-11.22	-9.80	5.42	-0.30	-0.00
14	2.60	0.20	0.30	12.61	6.49	-8.43	-9.99	8.34	-0.30	-0.70
15	2.30	0.00	1.00	12.75	5.49	-5.43	-9.46	0.40	-1.80	-1.30
16	2.10	1.30	1.40	11.55	3.80	4.95	-7.10	3.40	-0.60	-1.50
17	1.90	2.61	-2.00	9.59	2.80	14.95	1.70	5.42	-0.30	-1.40
18	1.90	7.61	0.20	3.89	2.20	15.70	2.30	8.34	-0.30	-0.70
19	1.60	8.62	0.20	2.20	1.60	15.61	11.01	11.19	-1.50	0.50
20	1.40	9.97	0.20	-0.00	1.60	13.77	8.01	10.67	-1.50	0.50
21	1.90	8.56	2.60	1.10	1.90	8.34	8.40	10.67	-1.50	1.90
22	1.90	5.78	2.20	0.80	1.90	4.99	8.07	8.35	-0.40	7.44
23	3.90	2.70	-1.70	0.80	0.00	2.50	5.77	6.88	0.00	10.63
24	4.61	1.20	-1.40	0.80	0.50	-0.00	1.90	4.19	1.90	15.90
25	6.20	1.40	-2.40	0.80	3.20	-4.00	-0.00	1.99	2.60	15.90
26	5.39	-4.71	0.00	0.20	5.34	-4.00	-0.20	-3.91	4.50	15.86
27	5.59	-7.60	0.50	-1.90	12.24	-3.30	0.00	-8.14	4.80	14.92
28	3.90	-7.59	1.80	3.10	13.30	-1.70	0.00	-11.51	3.90	11.20
29	3.80	-6.47	2.70	-2.80	13.26	-1.60	0.30	-15.18	3.28	7.61
30	3.30	-2.69	3.90	-1.40	12.14	-1.60	0.60	-14.68	-3.60	0.40
31	3.30	3.10	2.03	2.30	10.05	-0.80	1.10	-12.01	-3.90	0.40
32	3.90	4.32	10.51	3.91	3.09	-0.80	0.10	-9.04	-3.90	7.96
33	3.90	10.05	10.99	8.02	-0.40	1.00	-0.00	-5.44	-3.90	-12.64
34	4.10	12.10	10.58	8.02	-5.92	1.90	-0.70	3.63	-13.70	-13.70
35	4.30	12.04	9.82	9.47	-8.50	3.30	-1.10	13.18	-2.50	-13.69
36	4.30	10.14	6.18	7.67	-8.69	5.20	0.30	15.34	0.10	-10.92
37	3.90	7.48	3.39	5.19	-7.89	1.80	1.80	18.04	2.70	7.87
38	3.40	5.89	1.20	2.80	-6.73	5.89	3.90	19.78	5.13	-5.46
39	2.10	4.00	-3.31	1.00	-0.10	4.99	3.90	18.38	9.96	0.00
40	2.00	2.60	-3.90	-1.60	5.11	3.89	5.11	18.38	12.30	6.45
41	1.40	2.40	-5.89	-0.45	6.21	2.20	6.10	16.07	12.48	12.48
42	1.70	1.30	-4.09	0.70	7.20	0.70	5.70	13.55	11.84	17.85
43	2.20	2.50	-2.05	2.00	7.48	-2.00	5.29	4.97	9.78	18.76
44	3.40	2.50	0.00	3.20	5.88	-4.21	4.10	-0.00	3.89	20.70
45	3.80	3.20	1.20	3.30	2.99	-4.21	4.10	3.11	0.10	20.98
46	3.80	3.30	2.00	3.60	-0.00	-0.99	3.69	-7.71	-7.34	19.19
47	3.40	2.60	3.91	4.10	-0.60	-6.49	1.90	-8.20	-10.71	16.39
48	2.50	2.00	6.71	4.20	-1.70	-5.88	-0.00	-8.51	-11.16	11.12
49	1.20	1.90	7.80	4.30	0.40	-3.58	-1.40	-9.01	-11.58	4.58
50	-0.10	1.50	7.78	4.30	2.60	4.43	-1.70	-9.48	-10.95	-0.70
										-6.47

NO.	COMPONENTE=M					SIGNAL=GR.ACC.					CORRECTION=ARC.ERR.					STATION=HIYAKO=S				
	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)	( 1000)	( 1050)	( 1100)	( 1150)	( 1200)	( 1250)	( 1300)	( 1350)	( 1400)	( 1450)
1	-14.32	-10.37	-1.50	-10.86	-10.67	-15.25	16.87	21.06	4.21	8.29										
2	-18.96	4.67	0.	-5.26	-9.27	-8.46	10.17	13.81	7.56	7.87										
3	-17.21	2.20	-0.00	2.21	-7.87	0.40	4.28	6.96	12.25	3.36										
4	-5.48	4.53	-2.90	10.22	-5.57	9.85	-1.94	3.50	13.70	1.90										
5	-7.67	10.94	-4.12	15.91	-1.50	28.27	-8.69	1.60	13.61	-3.24										
6	-4.96	16.40	-6.86	21.36	1.60	28.17	14.05	1.40	11.31	-8.24										
7	3.30	16.40	12.38	21.90	4.41	29.84	17.80	1.40	7.98	-10.76										
8	5.05	16.22	14.66	21.53	7.75	30.97	22.72	1.40	6.64	-13.34										
9	13.50	12.89	-13.66	17.73	11.85	27.73	29.54	-0.00	-0.00	-14.32										
10	13.44	4.58	-7.83	11.03	13.49	16.96	29.28	-2.70	3.23	-14.70										
11	11.71	0.50	2.49	1.89	13.20	1.90	26.33	4.09	3.53	-14.70										
12	5.57	5.02	5.05	-8.73	13.17	-4.44	15.07	-0.70	11.43	-14.66										
13	0.40	-9.23	14.08	-16.85	12.48	-13.72	-8.49	3.21	13.76	-13.76										
14	0.	-13.33	13.86	-22.74	11.99	-11.07	-1.20	7.69	20.78	-10.23										
15	0.00	-14.12	14.98	-26.73	11.80	-26.36	6.37	15.14	-23.50	-2.00										
16	1.00	-12.34	12.57	-23.92	11.90	-30.30	13.85	17.90	-23.38	5.08										
17	2.30	-10.69	5.46	-17.94	11.90	-30.56	15.00	17.68	-24.97	16.48										
18	6.01	-10.08	-0.40	-11.21	11.88	-24.72	14.85	14.44	-16.82	17.00										
19	7.80	-4.68	-5.53	3.45	11.01	-7.05	13.57	10.82	-7.79	17.89										
20	7.19	0.00	-10.10	14.16	4.09	6.93	7.84	3.86	0.20	14.33										
21	6.19	6.48	-10.08	20.31	1.20	20.49	3.51	7.71	11.20	8.25										
22	5.09	15.06	-9.13	24.09	-6.76	20.19	7.14	16.25	18.59	-1.50										
23	27.00	27.00	-4.97	20.50	-12.63	17.34	10.50	22.51	21.08	-11.67										
24	2.99	26.88	1.10	13.34	-16.55	10.82	10.32	26.52	21.47	-20.72										
25	-0.50	25.60	8.07	9.16	-17.15	3.89	-7.07	-30.00	13.04	-24.44										
26	-0.50	21.10	13.33	1.60	-17.93	1.90	4.66	29.59	13.01	-27.74										
27	-0.40	13.22	14.18	-3.71	-18.30	-0.00	4.32	-26.59	5.45	-25.93										
28	0.	3.58	15.92	-7.94	-18.11	-1.20	10.01	-18.95	-3.01	-24.65										
29	0.	-4.43	16.28	-11.07	-15.21	-0.00	10.73	7.74	-8.80	-19.00										
30	0.	-11.66	15.73	-10.67	-7.70	0.00	11.30	3.95	14.95	-11.86										
31	0.00	-20.84	12.35	-12.88	0.00	1.50	11.79	18.32	-22.63	-10.60										
32	1.30	-26.11	4.96	-9.48	7.83	1.90	8.14	29.07	-29.51	6.47										
33	4.41	-25.60	-2.01	-8.69	18.25	1.90	4.19	36.07	-34.86	3.28										
34	7.00	-21.25	10.23	7.89	25.70	1.90	1.60	34.86	-39.00	3.82										
35	7.00	-14.88	15.94	-7.29	27.50	2.60	1.60	29.20	-41.82	10.68										
36	7.00	-8.32	16.70	-6.10	27.32	5.90	10.06	17.77	-37.78	17.90										
37	6.95	3.43	16.52	-6.09	25.41	5.90	17.65	4.16	-39.72	17.90										
38	2.20	15.02	13.37	-5.28	18.83	5.90	-21.30	5.36	-18.70	17.85										
39	-0.60	21.59	-5.25	1.55	12.98	5.97	22.22	-15.14	-5.43	17.08										
40	-3.50	25.22	6.12	2.20	7.73	2.49	22.55	-24.15	19.16	15.21										
41	-3.50	21.97	11.98	6.67	6.16	7.95	20.74	-28.70	28.56	13.24										
42	-2.30	16.19	17.80	14.10	3.01	-11.79	11.19	-24.03	31.70	9.15										
43	1.90	10.82	21.86	14.09	-3.01	11.46	3.59	30.92	6.30	6.30										
44	2.60	5.69	20.96	13.75	-8.07	-6.30	0.00	15.91	26.56	6.51										
45	2.60	-1.30	17.68	12.50	-13.00	4.75	5.02	18.84	18.95	6.51										
46	1.90	5.40	7.39	9.48	-18.68	16.19	8.01	2.50	17.06	8.17										
47	-0.00	-5.60	-1.50	3.59	-22.33	26.41	16.32	3.50	16.25	12.73										
48	-4.73	-5.59	-9.77	-0.20	-24.13	29.40	20.17	5.20	13.63	13.60										
49	-10.33	-4.00	-13.30	-5.63	-22.76	28.96	23.00	5.19	9.57	13.51										
50	-11.57	-2.70	-13.21	-9.82	-19.64	25.92	22.87	4.20	8.30	13.89										

RECORDS=271  
DATE AND TIME=1968-05-16-19-39

COMPONENT=E+H  
SAMPLING INTERVAL=0.010(SEC)

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

STATION=MIYAKO=S  
TOTAL NUMBER OF DATA= 5500

NO.	( 1500 )	( 1550 )	( 1600 )	( 1650 )	( 1700 )	( 1750 )	( 1800 )	( 1850 )	( 1900 )	( 1950 )
1	10.06	-13.92	2.42	28.60	-45.49	46.05	40.17	3.89	3.90	28.94
2	17.16	-24.92	45.97	32.85	-30.42	47.73	58.73	0.40	5.03	30.50
3	18.08	-36.75	27.08	36.93	-11.83	42.46	62.33	-4.32	10.03	30.00
4	18.98	-42.00	34.40	39.47	5.44	34.35	65.60	-8.66	16.57	27.02
5	17.25	-41.40	34.40	40.00	26.79	26.72	61.96	-12.42	27.23	21.50
6	16.90	-36.17	38.00	40.00	36.80	11.71	50.27	-15.80	27.80	13.86
7	8.33	-25.49	26.76	39.40	-39.60	-15.75	35.39	-15.76	27.93	3.84
8	3.79	-11.43	17.18	36.92	38.17	-20.83	18.89	-13.03	24.74	-14.23
9	0.70	4.06	6.60	31.30	32.05	-40.67	1.89	-8.34	18.36	-32.44
10	-6.74	20.92	-3.94	20.74	20.32	-52.94	12.38	4.08	8.84	-41.36
11	-11.34	34.64	16.40	7.60	11.34	-25.43	26.31	0.50	-0.50	-45.73
12	-12.82	45.80	20.35	-14.05	21.19	-48.41	28.91	0.50	-12.24	-50.09
13	-16.28	42.88	-27.85	-24.69	-6.42	-33.04	29.90	-0.00	-29.93	-49.88
14	-19.20	35.09	38.10	-29.96	-19.37	9.179	29.90	-1.90	-38.96	-42.72
15	-19.20	23.74	38.01	-30.20	-25.90	9.02	28.21	-7.51	-39.63	-30.66
16	-19.12	7.53	38.30	-29.25	-24.88	38.05	19.69	-8.30	-39.90	-15.12
17	-17.64	-5.79	-23.57	-23.18	-17.12	55.24	14.74	-8.39	-39.31	2.52
18	9.61	-19.02	-6.82	-9.30	-4.43	39.72	-5.44	-7.70	-33.50	18.10
19	4.43	-34.48	10.87	5.18	7.37	38.53	3.31	-7.70	-18.00	27.20
20	12.04	-44.44	32.37	18.76	20.95	39.48	9.52	7.70	4.43	27.20
21	29.39	-47.95	35.99	25.19	25.30	20.16	16.04	-7.72	13.41	25.83
22	36.21	-47.01	31.52	31.49	25.04	1.49	22.25	-9.32	17.40	16.97
23	36.19	-38.28	22.63	35.80	22.36	-19.68	25.20	-10.55	17.40	8.15
24	32.42	-21.80	17.35	30.70	12.63	-40.81	24.50	-11.91	17.01	-0.30
25	23.82	-8.74	7.87	16.75	2.29	-49.15	19.48	-12.80	10.93	7.31
26	9.98	11.42	-1.91	3.85	-8.88	-24.50	15.85	-12.27	4.28	-8.11
27	0.00	28.69	-10.58	-10.39	-20.09	-26.64	14.77	-11.15	-1.10	-9.14
28	-9.37	34.30	-9.80	-23.20	-27.90	-35.18	9.91	-5.76	-5.90	-11.20
29	-24.32	32.78	-9.77	-33.45	-26.17	-42.73	5.89	-0.30	-5.85	-11.20
30	-33.75	25.89	-8.04	-43.38	-22.17	-22.19	16.24	0.30	0.30	-11.13
31	-37.30	14.75	-3.80	-32.41	-19.29	6.64	2.10	21.90	13.04	-8.57
32	-36.00	1.89	-6.80	-24.66	-7.72	45.19	-0.50	21.71	25.34	-6.95
33	-30.93	-7.17	-4.62	-20.85	5.57	62.77	-8.85	19.34	32.25	-2.60
34	-23.75	-13.00	-8.55	-35.42	15.40	63.91	17.54	11.61	35.90	0.00
35	-18.05	-12.89	-11.71	-11.39	19.76	62.01	21.00	1.90	34.38	14.62
36	-14.41	-9.82	-12.20	5.42	25.90	54.19	21.05	-0.00	27.25	21.79
37	-9.22	-4.40	-12.20	26.98	25.79	40.07	21.54	-5.92	13.42	27.72
38	-2.69	10.23	-12.20	51.16	23.78	21.23	-21.90	-9.28	1.89	31.19
39	3.26	24.40	-12.24	69.30	14.04	-0.00	21.38	-13.46	19.75	29.49
40	16.60	27.31	-13.58	77.10	5.82	-16.20	16.03	-17.61	-18.19	24.03
41	29.60	23.95	-15.60	74.86	-4.35	-35.77	-6.38	-19.10	-27.09	15.85
42	41.86	17.86	-15.60	66.31	-16.82	-40.91	-3.97	-18.99	-33.35	12.48
43	52.12	7.79	-13.47	49.19	-30.41	-53.27	6.09	-17.38	-32.50	5.04
44	54.92	-7.79	-12.73	28.03	-36.68	-37.34	17.65	-12.47	-28.63	5.90
45	54.60	-22.32	-5.28	-37.40	-39.10	-37.40	25.38	0.00	-20.69	5.39
46	51.43	-30.57	-1.60	-20.03	-37.47	-30.72	25.90	5.86	-9.80	4.07
47	42.46	-36.40	-0.10	-31.80	-28.56	-38.93	25.90	4.50	-0.60	-3.01
48	28.35	-35.28	5.84	-47.27	-7.38	-24.69	25.13	5.10	-9.57	-10.72
49	9.78	-30.27	12.16	-53.53	10.16	-10.41	19.72	4.50	18.68	-19.89
50	-0.70	-20.07	20.64	-54.06	28.82	18.18	13.95	3.90	27.25	-26.21

RECORD=S-271 COMPONENT=E-W SIGNAL=GR,ACC. CURRENTION=ARC,ERR. STATION=MIYAKO=S  
 DATE AND TIME=1968-05-16-19-59 SAMPLING INTERVAL= 0.040(SEC) FORMAT NO.=301 TOTAL NUMBER OF DATA= 5500

NO.	( 2000 )	( 2050 )	( 2100 )	( 2150 )	( 2200 )	( 2250 )	( 2300 )	( 2350 )	( 2400 )	( 2450 )
1	26.18	15.49	8.84	-17.73	8.10	26.69	24.00	3.60	-0.60	13.80
2	-23.97	6.12	-5.69	-5.94	7.99	18.76	23.41	1.90	19.03	8.94
3	-10.03	-0.92	13.60	1.80	7.40	9.60	-17.92	1.90	32.58	5.27
4	-0.38	-10.05	-29.75	5.67	7.02	-0.00	-3.86	2.30	43.77	0.10
5	6.03	-17.18	-35.53	16.18	8.52	-10.14	8.00	3.70	46.60	-10.07
6	22.03	-19.90	-35.18	24.96	9.94	-21.77	15.54	5.00	43.87	-18.09
7	27.24	-13.90	-35.83	51.60	11.62	-33.71	20.64	5.20	35.35	-24.50
8	26.01	-19.56	-32.07	37.77	12.25	-40.83	27.90	5.19	21.88	-24.50
9	21.99	-15.32	-24.49	36.21	10.52	-44.71	27.90	4.09	9.48	-23.41
10	7.71	-8.11	-4.89	60.88	7.25	-46.20	27.53	2.19	-10.38	-14.66
11	-6.61	-1.60	14.76	23.97	3.29	-44.95	24.40	-3.20	-22.28	-1.89
12	-18.39	3.91	27.51	11.15	-1.81	-36.11	16.06	-3.30	-26.86	8.26
13	-25.90	6.01	36.89	-1.10	-9.07	-18.56	11.73	-3.70	-29.90	18.25
14	-25.90	7.56	39.80	-14.72	-13.04	-15.69	6.13	-3.70	-28.73	22.21
15	-25.17	4.28	39.80	-23.76	-14.11	-21.11	-1.90	-3.90	-22.46	22.03
16	-19.77	0.10	39.37	-27.82	-16.60	31.80	-1.60	-4.61	-15.12	10.97
17	-11.77	-0.50	36.92	-27.62	-16.55	36.44	-8.24	-5.80	-5.85	10.12
18	-7.45	0.10	29.70	-25.90	-15.69	35.16	-11.21	-6.02	1.30	1.99
19	-0.68	1.60	21.94	-24.10	-15.61	29.72	-15.44	-8.21	6.71	-3.99
20	3.63	3.00	10.16	-24.10	-15.70	19.20	-22.18	-8.61	8.10	-15.12
21	14.17	2.50	4.41	-24.10	-15.31	7.76	-26.45	-9.19	8.08	-23.46
22	20.51	0.60	-6.14	-24.04	-7.94	-3.12	-27.32	-8.59	6.54	-25.90
23	24.73	-1.60	-11.68	-23.54	-3.58	-12.06	-26.86	-8.10	-0.00	-25.09
24	25.60	-3.99	-17.83	-22.53	4.22	-20.58	-23.25	-7.78	-0.00	-19.22
25	24.81	-0.00	-23.19	-17.37	9.41	-25.57	-17.77	-6.00	-9.44	-11.19
26	18.96	-15.51	-30.54	-9.54	15.62	-26.41	-10.24	-6.00	-11.59	-3.58
27	18.96	-17.38	-35.93	-1.40	-23.32	-24.88	0.00	-6.51	-11.00	4.23
28	11.17	-5.82	-35.49	8.03	-25.00	-21.90	9.19	-7.40	-10.97	11.33
29	0.00	-5.82	-33.07	17.46	-25.00	-15.84	19.97	-7.79	-9.39	12.40
30	1.90	4.54	-26.99	23.64	24.75	-11.07	26.00	-6.94	6.11	12.40
31	-6.71	14.17	-12.75	31.35	22.90	-6.10	25.86	-1.30	20.47	12.12
32	-6.64	20.53	-6.08	31.90	20.98	-6.20	23.71	1.20	28.82	6.54
33	-10.53	23.90	5.04	30.59	17.76	-6.10	14.27	1.40	30.65	-0.10
34	-13.93	23.79	13.00	24.51	15.67	-5.69	9.19	1.80	26.05	-4.72
35	-20.25	22.39	24.59	18.06	12.82	-0.81	3.08	3.91	22.16	-8.46
36	-24.34	17.03	33.69	11.95	-0.00	0.	7.90	7.17	11.58	-12.60
37	-27.40	12.61	39.25	4.15	-4.52	0.00	7.98	15.66	1.10	-12.50
38	-27.15	1.90	45.00	-10.06	-8.49	4.63	-13.88	17.61	-11.73	-12.42
39	-25.19	-1.40	42.73	-13.90	-14.98	10.96	-13.35	17.80	-23.18	-9.84
40	-20.57	9.07	42.15	-19.41	-31.68	9.53	-12.04	17.81	-30.29	-2.30
41	-15.09	-13.29	37.97	-19.49	-31.01	11.20	-9.95	17.66	-31.90	-1.50
42	-7.61	-18.13	26.65	-19.13	-28.31	11.10	-3.10	14.02	-31.90	6.03
43	-0.20	-19.90	11.82	-13.66	-25.26	11.20	1.40	7.58	-26.31	9.95
44	8.45	-19.77	-0.00	-11.09	-15.21	11.13	1.80	-1.61	-7.15	12.52
45	18.91	-17.64	-10.98	-3.29	3.93	9.20	2.60	-13.13	6.40	16.04
46	27.88	-7.09	-22.35	0.00	12.41	3.60	-24.97	-24.97	17.18	18.53
47	30.76	3.21	-29.40	2.10	22.14	1.80	-30.80	-30.80	20.03	21.26
48	32.29	7.95	-28.42	4.42	29.92	-0.00	-30.81	-30.81	22.47	18.54
49	30.60	11.90	-28.86	8.01	33.90	-9.60	4.20	-26.79	21.93	9.87
50	26.34	11.82	-24.92	8.59	32.56	-19.59	3.90	-19.85	19.16	3.57

RECORDS=271  
 DATE AND TIME=1968-05-16-19-39 COMPONENTS=M SAMPLING INTERVAL=0.010(SEG) CORRECTION=ARC.ERR. FORMAT NO.=301  
 STATION=HIYAKO-S TOTAL NUMBER OF DATA= 5500

NO.	( 2500 )	( 2550 )	( 2600 )	( 2650 )	( 2700 )	( 2750 )	( 2800 )	( 2850 )	( 2900 )	( 2950 )
1	5.99	11.63	23.41	7.96	-5.82	5.50	-5.81	-0.00	13.38	-5.32
2	17.75	12.80	30.18	-12.45	-28.13	5.48	-7.30	3.61	15.40	-8.75
3	20.04	12.75	29.91	-13.99	-10.90	1.80	-7.26	-7.03	15.97	-11.84
4	21.98	11.11	28.29	-16.01	-10.26	-9.30	-3.49	-1.44	14.63	-16.42
5	26.28	4.28	23.93	-15.99	-8.37	9.37	-0.70	-1.73	10.95	-18.30
6	27.46	0.80	20.25	-13.83	-6.58	-12.88	0.40	-1.42	5.37	-17.77
7	28.47	7.10	16.20	-10.09	-3.88	-15.10	3.51	-16.94	0.20	-10.82
8	28.67	-16.20	-8.37	-22.59	-1.00	-17.24	5.92	-13.79	-7.16	-7.31
9	22.66	-16.17	-2.50	9.17	1.40	-17.67	8.31	-11.14	-13.01	0.00
10	17.82	-15.48	0.80	7.80	1.40	-6.74	9.10	-8.87	-21.74	5.66
11	8.50	-10.79	19.67	-8.01	0.00	-3.50	9.09	1.30	-28.24	13.60
12	-2.10	-10.50	25.90	-8.50	-3.61	8.09	8.48	1.80	-32.30	13.54
13	0.11	-10.50	25.79	8.48	-6.81	14.44	6.18	2.50	-31.95	11.83
14	7.61	-10.50	23.99	7.45	-7.92	19.20	3.59	2.49	-29.01	6.26
15	8.49	-10.24	15.50	3.09	-9.50	13.12	0.40	-1.70	-9.84	1.30
16	7.76	-7.78	3.08	1.40	-9.58	13.29	-7.55	-6.81	1.90	-5.44
17	4.59	-5.97	-8.07	4.73	-9.48	5.37	-11.66	-7.70	3.43	-11.94
18	2.69	-2.70	-21.45	10.89	-8.29	-0.20	-17.30	-7.69	14.12	-16.42
19	0.60	-0.20	-35.61	14.47	-7.44	-8.71	-17.06	-6.60	14.47	-18.48
20	-8.31	0.20	-39.40	15.90	-2.50	-15.49	-16.43	-6.70	13.77	-19.58
21	-13.70	0.20	-37.95	15.90	0.20	-23.51	-15.43	-6.40	10.60	-20.58
22	-14.66	-2.60	-31.46	15.78	2.40	-29.87	-10.30	-6.70	2.39	-21.40
23	-14.91	-6.00	-18.48	13.23	1.50	-29.77	-5.84	-6.68	5.74	-20.93
24	-15.10	-6.51	-1.69	3.86	-1.10	-26.21	-4.98	-6.68	11.61	-15.99
25	-10.36	-7.40	16.57	7.17	-6.12	-20.85	2.01	-0.70	18.69	-8.95
26	-8.62	-7.60	28.44	-13.56	-8.62	-17.79	8.09	0.	21.11	-5.95
27	-6.69	-7.80	-34.83	-22.84	-9.70	-9.31	7.25	-0.00	21.10	0.40
28	-1.40	-7.89	34.32	-27.27	-8.60	0.40	3.29	-0.90	21.10	2.60
29	2.71	-6.98	31.50	-27.97	-9.59	6.85	1.10	-0.90	13.04	2.60
30	11.51	-5.39	24.62	-26.06	-9.08	12.50	-7.65	-1.40	-8.06	1.10
31	13.38	-3.49	15.46	-21.40	-7.97	12.70	-11.70	-0.60	-5.16	0.00
32	16.80	1.10	2.19	-17.83	1.30	12.16	-18.37	0.00	1.90	-2.10
33	16.62	1.00	10.07	7.39	5.92	11.17	-20.60	1.30	7.53	-3.91
34	19.56	1.90	-22.89	1.40	9.20	6.26	-20.60	2.10	10.18	-5.91
35	7.74	2.70	-31.42	3.10	9.16	1.60	-20.40	1.70	9.39	-7.01
36	3.28	3.90	-34.50	4.81	7.16	-1.80	-18.26	1.10	8.66	-7.70
37	-6.48	3.90	-34.05	6.20	3.99	-7.97	-16.20	-0.00	5.88	-7.70
38	-16.05	4.70	-30.72	6.18	2.49	-12.98	-11.17	-1.80	2.80	-7.68
39	-23.00	5.31	-21.41	6.79	-5.73	-17.12	-9.96	-7.06	0.40	-6.47
40	-31.05	6.62	-7.36	1.10	-10.62	-19.01	-8.08	-12.60	-6.63	-3.50
41	32.40	9.20	4.14	-1.40	-17.72	6.49	-18.40	-18.40	-9.60	-2.10
42	32.40	9.40	14.13	-2.10	-19.96	-12.13	-19.81	-19.81	-9.62	0.00
43	31.53	9.39	19.31	-3.30	-21.70	-3.79	-5.20	-21.00	-10.50	1.20
44	-27.49	8.77	20.69	-3.90	-21.55	1.00	-4.58	-20.87	-10.38	1.30
45	-22.86	6.98	21.54	-4.50	-19.53	2.00	-0.40	-18.86	-9.40	0.30
46	-18.79	5.19	20.52	-6.70	-11.98	3.30	1.00	-18.95	-4.29	-1.30
47	-11.25	2.98	15.13	-6.70	-7.96	3.10	1.90	-6.57	-4.21	-6.01
48	-5.74	-8.06	4.27	-4.70	1.80	1.90	-3.28	-2.10	-2.10	-6.01
49	4.32	-12.45	-2.11	-5.30	4.30	-1.20	1.90	3.93	-3.30	-7.94
50										

RECORD=S=271  
 DATE AND TIME=1968-05-16-19-39  
 COMPONENT=E-W  
 SIGNAL=GR+ACC  
 CORRECTION=ARC.ERR.  
 SAMPLING INTERVAL= 0.010(SEC)  
 FORMAT NO.1501

STATION=HIYAKO-S  
 TOTAL NUMBER OF DATA= 5500

NO.	( 5000)	( 3050)	( 3100)	( 3150)	( 3200)	( 3250)	( 3300)	( 3350)	( 3400)	( 3450)
1	-10.83	2.00	-4.27	-11.62	-9.75	-7.87	-7.87	3.01	-0.00	-4.18
2	-16.05	1.50	2.40	-12.40	-7.01	-5.87	-5.28	7.98	-2.20	0.
3	-18.70	0.00	3.80	-12.44	1.80	-1.90	-1.90	13.90	5.51	0.
4	-16.60	-1.40	4.10	-10.63	7.98	3.91	1.90	13.50	7.82	0.
5	-17.17	-7.53	4.10	-7.51	13.40	5.94	5.00	13.58	9.51	0.00
6	-13.61	-10.04	3.60	0.10	13.34	11.70	5.40	5.76	9.90	-2.50
7	-11.26	-16.20	3.40	0.80	11.66	11.59	5.38	-0.00	9.89	-6.11
8	-9.64	-16.17	2.80	0.80	3.86	7.81	1.90	-7.93	9.37	-7.92
9	-8.73	-15.44	2.40	0.80	1.40	1.40	-0.00	-17.90	7.87	-9.51
10	0.00	-12.38	2.00	0.80	-19.61	-5.22	-3.91	-23.61	-5.59	-10.13
11	2.80	-11.64	1.30	1.80	-23.46	-9.24	-6.11	-25.83	-3.59	-11.50
12	3.81	-9.64	-1.10	1.40	-26.83	-11.53	-7.92	-25.79	-1.10	-11.50
13	7.55	-6.80	-5.91	5.21	-30.28	-15.90	-9.53	-23.66	0.	-11.40
14	11.90	-6.81	-7.53	6.71	-28.72	-15.77	-11.12	-21.61	0.00	-7.87
15	11.71	-8.32	-10.01	7.81	-20.93	-13.26	-11.96	-18.36	-1.90	-5.90
16	8.75	-9.72	-14.95	8.50	-11.47	-9.62	-13.96	-10.06	-4.21	-5.49
17	2.76	-10.60	-17.90	8.70	-3.68	-5.69	-13.80	-3.88	-5.61	-3.90
18	0.80	-10.56	-17.83	8.70	2.11	-0.99	-13.92	-7.51	-3.10	-3.10
19	-8.43	-8.97	-16.68	8.70	9.19	-1.90	-13.74	9.98	-8.32	-1.80
20	-10.11	-7.41	-14.70	8.70	13.96	-1.90	-9.84	13.50	-9.94	0.
21	-10.73	0.20	-12.59	8.69	15.40	-1.90	-6.99	13.45	-11.71	0.
22	-11.90	1.90	-9.44	8.00	15.40	-3.70	3.53	12.10	-11.90	0.00
23	-11.82	2.10	-6.52	7.89	15.62	-5.40	3.20	6.07	-11.84	-1.80
24	-9.00	1.10	2.00	7.06	13.66	-5.90	1.89	5.63	-9.86	-3.91
25	-0.30	4.32	4.22	3.59	7.82	-5.91	13.13	-7.87	-7.03	-7.03
26	-1.70	-8.35	8.82	1.60	1.89	7.10	11.05	-10.02	-5.48	-9.95
27	0.00	-18.44	9.90	1.60	5.84	-7.50	5.7	-15.50	-1.80	-12.20
28	0.30	-24.42	9.79	2.70	-11.85	7.60	1.30	-15.32	0.00	-15.54
29	0.20	-27.90	4.38	3.50	-20.44	7.91	5.94	-11.82	1.90	-19.90
30	-0.00	-26.56	-0.60	4.50	-26.58	-9.01	-11.63	-9.04	1.90	-19.75
31	-1.40	-22.10	-6.35	5.60	-30.40	-9.40	-15.98	-5.89	1.90	-17.80
32	-2.30	-18.72	-12.36	6.30	-30.28	-9.37	-17.40	-3.90	0.20	-13.55
33	-2.30	-9.11	-20.14	6.30	-28.17	-7.67	-17.28	-3.90	0.	-9.82
34	-2.40	1.00	-20.60	-6.30	-19.60	-5.98	-15.29	-3.90	-0.00	-5.86
35	-2.40	6.15	-19.76	-5.78	-11.72	-3.19	-11.25	-5.22	-0.40	0.
36	-2.30	11.70	-10.64	3.10	-5.84	0.	-5.89	-9.42	0.	0.
37	-2.50	11.70	-8.08	1.70	1.90	0.00	-3.89	-9.42	0.	0.
38	-3.50	11.64	-6.34	-1.70	5.96	-1.90	-1.80	-10.22	0.00	0.
39	-5.11	9.56	0.20	3.40	13.80	-3.91	-0.10	-11.26	-3.81	0.
40	-6.51	7.75	2.50	4.91	13.80	-7.90	-0.10	-9.76	-5.91	0.
41	-7.09	4.20	3.90	7.42	13.72	-7.92	-0.10	-7.97	-7.92	0.
42	-5.89	3.08	4.30	-9.23	11.72	-9.07	-1.90	-5.89	-9.73	0.
43	-4.99	-4.83	4.20	-10.89	5.66	-7.48	-7.03	-4.10	-15.92	-1.90
44	-3.99	-10.15	4.20	-14.39	-0.00	-5.90	-9.35	-3.10	-16.19	-3.21
45	-0.70	-12.38	4.20	-16.68	-0.92	-5.60	-11.97	-1.10	-16.11	-7.73
46	1.50	-17.73	3.40	-17.70	-9.98	-5.71	-14.10	0.	-16.15	-9.97
47	1.60	-18.11	2.70	-17.62	-13.87	-7.01	-14.17	0.	-15.13	-13.43
48	2.60	-18.04	-0.10	-16.43	-17.90	-7.92	-13.29	0.	-14.88	-14.20
49	2.60	-15.49	-5.72	-15.18	-17.63	-9.70	-7.85	0.	-11.35	-14.10
50	2.60	-7.95	-8.75	-13.66	-13.66	-9.86	-3.88	0.	-9.50	-11.83

RECORD=S-271  
DATE AND TIME=1968-05-16-19-39

COMPONENT=E-N  
SIGNAL=GR.ACC.  
CORRECTION=ARC. ERR.  
FORMAT NO.=301

STATION=MIIYAKO-S  
TOTAL NUMBER OF DATA= 5500

NO.	( 3500 )	( 3550 )	( 3600 )	( 3700 )	( 3750 )	( 3800 )	( 3850 )	( 3900 )	( 3950 )
1	-9.56	3.89	-2.93	-3.60	-5.91	7.20	7.82	-9.74	-1.90
2	-7.57	1.00	-10.03	-3.50	-7.52	-7.70	1.89	-12.02	-5.92
3	-5.27	-4.02	-16.00	-3.50	-9.41	-7.80	7.05	-15.99	-5.89
4	0.00	-9.79	-17.80	-3.90	-9.93	-7.89	11.77	-17.60	-9.70
5	1.50	-13.98	-17.67	-5.10	-11.52	-7.89	14.07	-17.21	-9.66
6	1.50	-15.90	-15.69	-5.70	-11.90	-7.04	18.26	-14.44	1.50
7	1.30	-15.90	-11.83	-5.91	-11.90	-7.04	23.00	-9.70	1.50
8	-2.00	-15.86	-9.56	-7.70	-11.82	0.	22.59	-9.14	7.65
9	-3.01	-14.95	-7.38	-7.90	-9.08	0.00	16.73	-5.75	1.50
10	-5.91	-11.78	-5.60	-7.90	-7.85	0.10	17.85	1.90	-1.70
11	-7.93	-7.87	-5.60	-7.89	-3.88	0.10	7.85	1.90	-1.00
12	-9.97	-5.89	-5.60	-7.19	-3.88	0.10	3.60	3.60	-1.70
13	-13.30	-3.89	-5.60	-5.89	5.90	0.00	3.21	3.60	-3.20
14	-15.89	-1.50	-5.60	-4.99	6.10	5.91	7.77	1.90	-3.90
15	-15.49	0.00	-5.60	-3.90	6.08	-7.81	7.77	1.90	-5.00
16	-9.76	1.90	-5.60	-3.10	6.08	-15.90	5.48	1.90	-5.70
17	-7.85	3.61	-5.91	-1.90	3.09	-15.90	1.90	1.30	-5.90
18	-4.08	5.73	-7.31	-2.20	0.	-15.79	1.00	0.	-5.91
19	1.90	9.90	-7.92	-4.11	0.00	-15.89	-5.15	-0.00	-7.50
20	3.10	9.86	-9.50	-7.53	-3.80	-13.40	10.02	-1.90	-7.50
21	5.10	7.94	-9.57	-9.73	-4.00	-13.40	15.73	-5.82	-7.09
22	5.10	3.88	-7.87	-16.17	4.00	-5.87	19.90	-9.11	-5.90
23	1.80	-1.90	-5.88	-19.00	-3.90	-1.90	19.90	-9.70	-5.90
24	1.20	-7.78	-3.50	-18.90	-3.70	-1.90	19.66	-9.97	-3.90
25	-0.00	-13.74	-6.50	-17.58	-3.70	-1.90	16.70	-13.08	-3.90
26	-1.90	-19.50	-3.91	-15.59	-3.10	-5.91	11.78	-15.04	-3.90
27	-3.40	-15.90	-5.90	-15.59	-3.10	-5.90	7.87	-13.59	-3.40
28	-3.40	-15.37	-6.18	-3.10	-3.10	-5.90	5.55	-11.06	-3.31
29	-2.10	-17.77	-15.90	-3.10	-3.10	-5.89	1.40	-9.66	-1.90
30	-1.70	-15.78	-12.79	2.00	-3.10	-5.89	1.90	-9.84	-1.70
31	1.20	-13.63	-13.72	7.90	-3.70	-5.09	5.50	-3.19	0.
32	1.90	-11.90	-9.36	7.87	-3.90	-3.90	5.49	1.90	-0.00
33	1.90	-11.84	-6.97	1.70	-4.00	-3.10	3.87	3.50	-3.30
34	1.90	-9.86	-4.18	-1.81	-5.30	-1.70	5.94	3.90	-3.90
35	-4.12	-8.07	0.90	-11.77	-5.60	1.70	-11.81	3.89	-2.10
36	-10.01	-5.87	0.10	-17.42	-5.80	1.70	-15.50	-2.10	-5.90
37	-15.34	-1.90	0.00	-19.10	-5.90	1.90	-15.42	-2.90	-9.46
38	-21.12	-3.90	-1.90	-19.15	-5.90	1.90	-13.82	-5.29	-7.58
39	-21.18	-3.00	-7.82	-19.56	-5.91	0.00	-11.82	-17.90	-5.84
40	-23.90	-3.91	-9.41	-17.47	-5.91	-9.24	-9.24	-17.90	1.50
41	-23.65	-5.90	-9.41	-17.47	-5.91	-5.91	-5.91	-17.90	-3.20
42	-18.54	-5.90	-9.90	-9.78	-7.60	-12.02	-5.76	-17.90	-3.30
43	-7.88	-5.88	-9.19	-3.89	-7.60	-16.01	0.00	-15.75	-3.30
44	1.00	-3.39	-9.07	0.00	-7.60	17.90	3.90	-12.75	-3.30
45	3.91	0.00	-9.07	-7.60	-7.60	17.75	3.90	-5.88	7.60
46	7.73	3.30	-7.55	2.20	-7.60	15.40	3.90	-3.09	7.58
47	9.90	5.40	-6.90	2.20	-7.58	15.40	3.90	0.00	5.88
48	9.86	3.99	-6.90	-6.10	-3.88	19.78	3.40	-3.09	3.79
49	7.89	-3.90	-6.90	-6.10	-3.88	19.78	1.80	-11.12	0.00
50	7.36	-9.00	-6.90	-6.11	-3.92	19.78	0.00	-13.70	-7.93
				-7.20	9.86	19.78	-1.90	-13.70	-9.87
				-3.71	9.86	19.78	0.00	-13.26	-13.26
				-3.71	9.86	19.78	-3.03	-11.83	-17.44.

NO.	( 4000 )	( 4050 )	( 4100 )	( 4150 )	( 4200 )	( 4250 )	( 4300 )	( 4350 )	( 4400 )	( 4450 )
1	-19.38	11.70	-11.12	-11.40	0.	3.91	3.20	5.38	1.90	-1.90
2	-18.98	1.70	-11.90	-11.40	-0.00	5.90	-3.90	1.90	0.	0.
3	-17.27	-2.20	-11.90	-7.87	-1.90	5.90	-3.90	-0.00	0.00	0.00
4	-19.66	3.90	-11.89	-5.85	-3.90	5.49	-3.90	-3.91	1.50	1.50
5	-7.80	-4.98	-11.38	1.00	-3.90	3.89	-4.99	-7.12	1.70	1.70
6	0.00	4.30	-7.18	1.90	-3.90	1.90	-3.60	-9.11	1.70	1.70
7	3.30	4.30	-5.47	3.90	-3.90	-0.00	-3.60	-9.89	0.00	0.00
8	3.30	4.30	-1.20	5.29	-3.90	-5.11	-1.90	-9.49	0.00	0.00
9	1.90	4.30	1.40	3.90	-1.90	-7.63	-1.90	-6.97	5.00	5.00
10	-0.00	4.30	1.90	3.58	0.00	-9.90	-1.00	-7.16	-5.91	-5.91
11	-1.90	3.90	1.90	1.90	1.10	-9.90	0.00	-3.39	-7.93	-7.93
12	-5.31	3.50	1.90	3.91	1.10	-9.90	1.10	0.00	0.	0.
13	-7.50	3.10	1.10	-7.01	1.10	-9.86	1.90	-9.86	-9.86	-9.86
14	-7.50	2.10	0.	-7.93	0.	-7.87	3.00	1.90	1.90	1.90
15	-7.50	2.10	1.90	-9.90	0.	-5.87	1.90	1.60	1.60	1.60
16	-7.50	2.10	2.11	-9.90	0.	-1.90	1.90	1.60	1.60	1.60
17	-7.50	3.70	-7.22	-9.88	0.	0.	3.00	1.60	1.60	1.60
18	-7.48	5.21	-9.44	-9.07	0.	0.00	3.00	-0.00	0.00	0.00
19	-5.49	6.11	-11.41	-7.55	-0.00	1.90	3.00	-5.11	1.90	1.90
20	-3.90	7.92	-11.90	-3.89	1.90	1.90	1.60	-7.72	3.00	3.00
21	-3.20	9.70	-11.84	0.00	-3.40	1.90	0.00	-9.40	3.00	3.00
22	-1.90	9.90	-9.86	1.90	-5.90	1.90	-1.90	-9.60	1.90	1.90
23	-0.20	9.90	-7.89	3.40	-5.90	1.90	-5.32	-9.76	1.90	1.90
24	-0.30	9.86	-7.36	3.70	-5.90	-0.00	-7.93	-7.90	0.	0.
25	-2.50	7.87	-3.89	3.20	-5.90	-3.91	-9.94	-7.87	7.87	7.87
26	-3.81	5.89	-1.40	1.40	-5.90	-7.93	-11.95	-5.87	-1.90	-1.90
27	-3.91	3.89	-7.89	-0.00	-5.90	-9.93	-13.50	-1.30	-3.91	-3.91
28	-7.92	1.90	0.00	-3.90	-5.90	-11.17	-13.44	1.10	5.91	5.91
29	-9.61	1.90	1.90	-3.90	-5.89	-9.90	-13.84	1.90	7.48	7.48
30	-10.00	1.70	3.90	-3.90	-5.19	-9.86	-9.86	1.90	5.90	5.90
31	-9.96	1.50	3.30	-3.10	-3.10	-7.89	-7.80	1.90	1.90	1.90
32	-7.87	3.30	3.91	1.90	0.00	-7.48	0.00	-0.00	-1.90	-1.90
33	-5.48	4.11	-7.52	1.50	3.30	-5.90	1.90	-1.90	1.90	1.90
34	-2.99	5.90	-9.17	1.50	4.00	-5.47	3.91	-5.51	3.91	3.91
35	0.00	5.90	-13.23	-1.50	1.50	-5.47	7.90	-7.22	5.90	5.90
36	2.30	5.90	-13.90	1.90	5.40	0.	7.90	-9.10	5.90	5.90
37	5.91	5.90	-13.87	1.90	5.29	0.	7.84	-9.08	4.99	4.99
38	7.60	5.69	-12.99	1.90	2.00	0.	3.59	-7.82	3.90	3.90
39	7.56	3.89	-7.36	-1.90	-3.20	-0.00	-6.70	-7.82	3.90	3.90
40	5.89	1.70	-6.99	-3.20	-5.82	-0.00	-6.70	-1.90	3.00	3.00
41	4.30	0.	-1.90	-3.20	-7.93	-1.40	-3.99	-1.60	3.00	3.00
42	3.20	0.	0.00	-3.20	-9.94	-1.90	-11.90	-0.00	1.60	1.60
43	1.20	0.	1.80	-1.90	-11.89	-1.90	-11.81	-1.20	-3.81	-3.81
44	-4.11	0.	1.90	-1.70	-11.89	0.	-6.85	-1.90	5.91	5.91
45	-5.91	-0.00	1.90	-1.80	-11.09	0.	-5.86	-1.90	7.95	7.95
46	-7.50	1.40	0.00	-1.10	-11.09	0.	0.00	-1.90	-9.97	-9.97
47	-7.70	3.60	1.90	-1.10	-7.07	0.	0.00	-1.90	-13.50	-13.50
48	-7.67	3.92	1.40	-1.10	-3.89	0.	3.81	-1.90	-13.17	-13.17
49	-5.58	-10.27	-1.91	0.	0.00	0.00	5.90	-1.90	-9.85	-9.85
50	-2.00	-13.20	-9.12	0.	1.70	-1.90	5.90	-1.90	-9.85	-9.85

RECORD=S-271  
DATE AND TIME=1968-05-16-19-59

COMPONENT=E-H  
SIGNAL=GR.ACC.  
CORRECTION=ARC.ERR.  
TOTAL NUMBER OF DATA= 5500

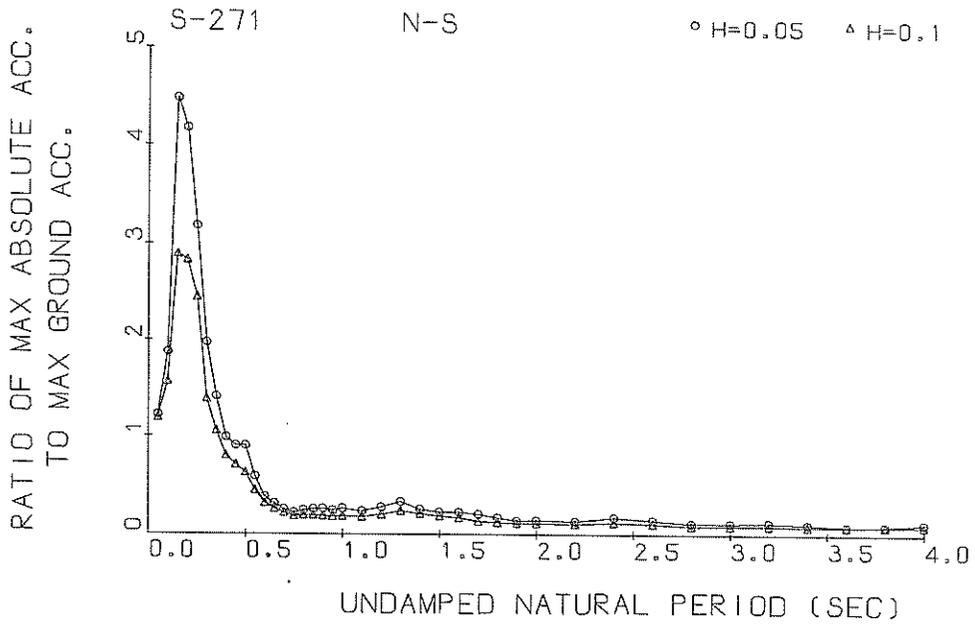
STATION=MIVAKO=S  
TOTAL NUMBER OF DATA= 5500

RECORDS=271 COMPONENTS=H SIGNALR,ACC, CORRECTIONARC,ERR, STATIONHIYAKO=S  
 DATE AND TIME=1968-05-16-19-39 SAMPLING INTERVAL= 0.0401560 FORMAT NO, #301 TOTAL NUMBER OF DATA= 5506

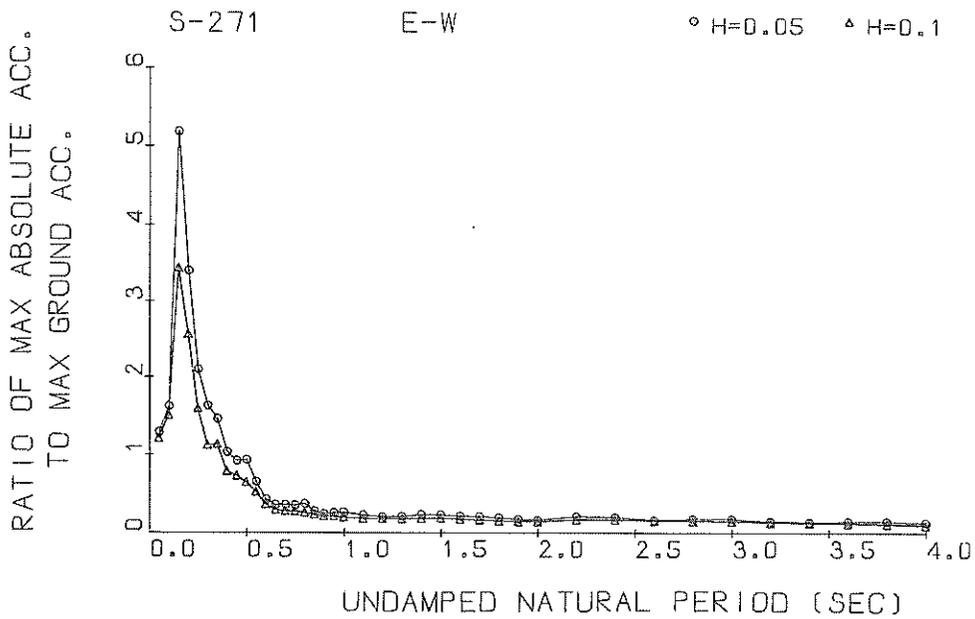
NO.	( 4500 )	( 4550 )	( 4600 )	( 4650 )	( 4700 )	( 4750 )	( 4800 )	( 4850 )	( 4900 )	( 4950 )
1	-7.22	-0.00	0.	1.60	-1.70	4.10	-3.19	0.00	-3.20	0.
2	0.00	-1.90	0.	-1.90	-1.90	3.50	0.00	-1.90	-1.90	0.
3	3.80	-3.94	0.	-1.15	-2.40	2.50	1.80	-3.50	1.50	-0.00
4	3.91	-7.91	0.	-2.80	-2.40	1.60	2.20	-3.50	1.70	-0.10
5	5.80	-7.91	0.	-4.00	-0.80	1.10	3.91	-3.50	1.70	-1.20
6	5.90	-9.81	-0.00	-4.00	1.00	1.10	5.90	-3.50	1.70	-1.90
7	5.90	-9.66	-1.70	-3.70	3.00	1.10	5.90	-1.90	0.20	-1.90
8	5.89	-7.87	-1.90	-3.70	3.00	1.10	5.90	0.00	0.	-1.90
9	5.19	-5.89	-1.90	-2.20	3.00	1.10	5.39	1.20	0.	-1.90
10	3.89	-3.89	-2.10	-1.60	2.80	1.20	3.60	2.20	0.	-1.90
11	1.90	0.00	-2.50	-0.70	2.00	1.10	1.90	3.10	0.	-2.20
12	-0.00	3.10	-3.50	-0.70	0.30	1.10	-1.00	3.90	0.	-2.20
13	-3.40	3.90	-4.71	-0.70	-0.00	1.10	-0.00	3.90	0.	-2.20
14	-5.29	3.90	-5.89	-0.70	-0.60	1.90	-3.89	3.90	0.	-2.20
15	-3.90	3.90	-5.10	-0.70	-1.70	2.90	-1.90	3.90	0.	-3.10
16	-6.89	3.20	-4.50	-0.50	-1.70	1.80	0.00	3.90	0.	-3.10
17	-1.30	-1.70	-3.90	0.	-2.00	1.60	1.90	3.00	0.00	-1.90
18	0.	5.70	-1.20	0.40	-3.70	1.10	3.81	1.90	0.10	-0.30
19	0.	5.91	0.50	0.40	-4.10	1.10	5.50	1.00	0.	0.
20	0.	-7.80	2.10	0.60	-5.10	0.50	5.90	-0.00	0.	0.00
21	0.	7.90	2.60	-0.10	-4.99	0.	5.90	-1.70	0.	1.20
22	-0.00	-7.90	2.60	-0.70	-3.89	0.00	5.29	-1.00	0.	1.90
23	-1.90	-7.90	1.20	-1.40	-1.90	-0.20	3.90	-0.50	0.	1.90
24	-3.50	-7.68	-1.90	-2.10	-0.70	-1.20	3.20	0.00	-0.20	1.90
25	-6.90	-5.89	-7.41	-2.10	0.20	-2.50	1.40	0.30	-1.10	1.10
26	-3.60	-4.98	-8.01	-2.70	1.60	-1.60	-1.50	3.70	-1.10	-0.00
27	-1.90	-1.90	-8.60	-2.80	2.00	0.	-3.00	5.00	0.	-1.10
28	-1.90	-1.70	-8.59	-3.50	2.00	0.00	-3.80	5.10	0.	-3.90
29	-1.50	-1.10	-7.69	-3.40	2.00	1.80	-3.80	4.99	0.20	-4.99
30	0.	-1.00	-7.08	-3.40	1.90	1.90	-3.80	3.50	1.80	-3.80
31	0.	-1.00	-5.39	-3.40	2.00	1.50	-3.10	3.20	1.90	-3.80
32	0.	-1.00	-3.09	-3.50	1.90	1.90	-2.10	1.90	1.40	-1.80
33	0.	-1.20	0.50	-3.10	1.90	1.90	-1.90	1.60	1.20	-1.60
34	0.	-1.20	0.50	-2.50	1.90	1.00	-1.90	1.60	0.	0.
35	0.	-1.30	2.30	-2.00	1.40	0.	-1.90	-0.00	-0.00	0.00
36	0.	-1.30	4.00	-1.60	-0.60	0.	-1.90	-3.41	-0.20	1.40
37	0.	-1.30	4.00	-1.00	-2.50	0.	-1.90	-5.90	-1.90	1.90
38	-0.00	-1.30	4.00	-1.60	-2.50	0.00	-1.90	-5.90	-1.90	1.90
39	-3.30	-1.30	4.00	-1.60	-3.50	1.00	-1.10	-5.39	-5.60	1.40
40	-3.30	-1.90	3.80	-2.40	-4.70	1.60	0.	-3.79	-5.59	1.40
41	-6.90	-1.90	2.60	-3.50	-5.09	1.90	0.	-1.90	-4.20	1.10
42	-6.90	-1.90	0.60	-3.90	-2.70	1.90	0.	-1.90	-4.20	0.10
43	-3.90	-1.90	-0.00	-5.01	-0.20	1.90	0.00	0.00	-3.79	-0.00
44	-3.20	-1.90	-2.20	-6.20	1.90	1.90	1.70	3.60	-1.70	-1.40
45	-1.90	-3.70	-2.20	-5.69	3.60	1.90	1.90	4.30	-1.10	-1.90
46	-1.90	-3.80	-1.90	-4.69	4.80	1.20	1.90	4.30	-0.20	-2.00
47	-1.50	-3.80	-1.40	-5.49	5.00	-0.00	1.90	3.90	0.	-2.00
48	0.	-3.69	0.00	-1.50	5.10	-1.70	1.90	3.40	0.	-2.00
49	0.	-1.90	0.70	-1.50	4.10	-2.20	1.90	-2.80	0.00	-1.70
50	0.	-1.80	1.90	-1.40	4.40	-3.20	0.20	-3.90	1.00	-0.30
										0.

RECORD=S-271      COMPONENT=E=N      SIGNAL=GR,IACC,      CORRECTION=ARC,ERR,      STATION=MIYAKOWS  
 DATE AND TIME=1968-05-16-19-09      SAMPLING INTERVAL= 0.010(SEC)      FORMAT NO.=301      TOTAL NUMBER OF DATA= 5500

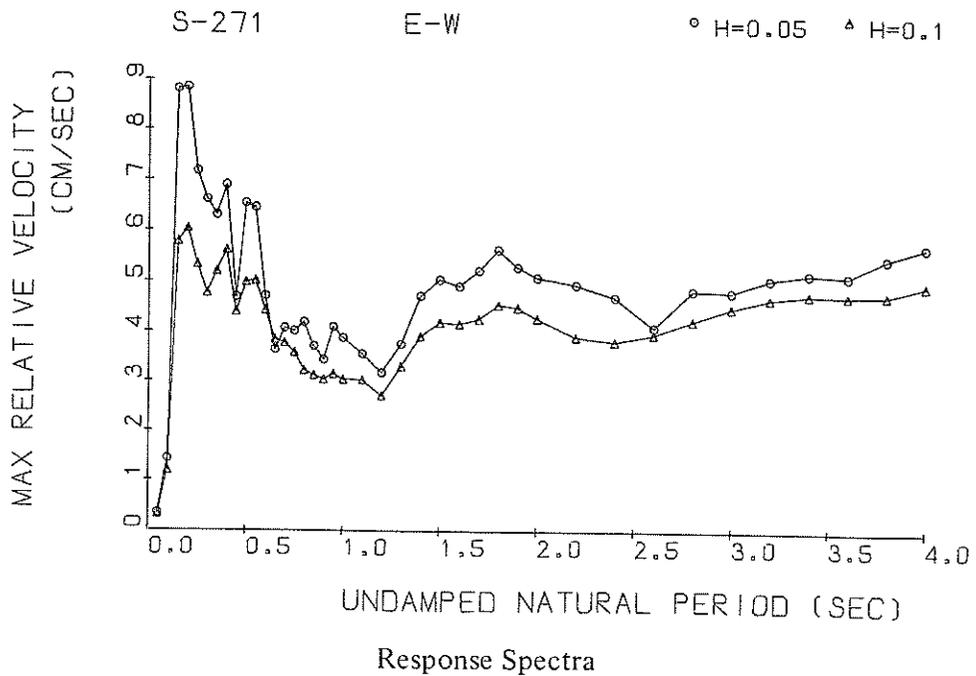
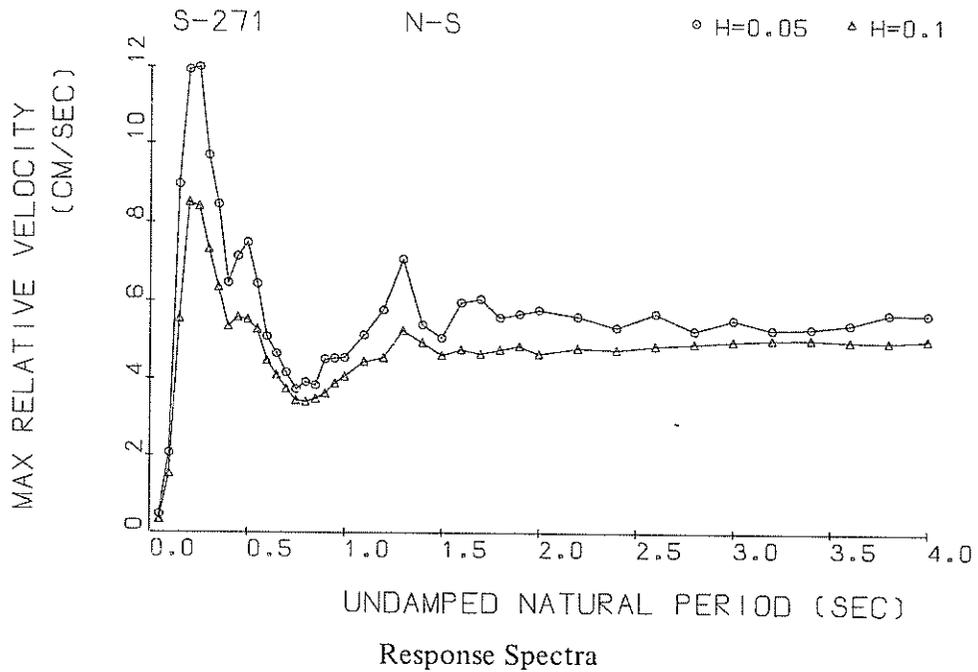
NO.	( 5000)	( 5050)	( 5100)	( 5200)	( 5250)	( 5300)	( 5350)	( 5400)	( 5450)
1	0.	1.50	0.	-2.70	3.40	0.80	2.70	-0.40	6.59
2	0.	1.90	0.00	-3.90	2.60	1.00	3.00	-1.90	1.30
3	0.	1.90	0.20	-5.60	1.90	1.00	3.20	-2.70	5.09
4	-0.00	1.00	0.20	-5.39	1.00	0.80	3.40	-2.70	3.89
5	-0.10	0.00	0.20	-4.30	0.10	-0.00	3.50	-2.10	1.80
6	-0.30	0.60	0.20	-6.60	-0.00	-0.60	2.80	0.00	-0.00
7	0.	0.10	0.	-2.10	-1.30	-1.40	2.30	0.40	-5.10
8	0.00	0.	0.	-0.20	-1.70	-2.10	1.90	2.30	-5.08
9	1.10	-0.00	0.00	1.10	-1.70	-3.90	0.10	3.80	-1.80
10	1.90	-0.10	0.60	1.10	-0.50	-3.89	-1.40	4.00	-0.50
11	1.80	-0.10	0.60	1.10	0.00	-1.80	4.70	4.00	0.00
12	1.80	-0.10	0.60	1.10	0.00	-1.80	4.70	4.00	0.00
13	1.00	-0.50	1.20	0.00	0.20	1.10	4.20	1.90	3.90
14	0.	-0.80	1.90	0.20	1.00	-1.40	0.00	4.20	3.21
15	0.	-1.10	2.00	1.00	0.20	-0.00	0.20	4.10	5.71
16	0.	-1.30	2.20	-2.20	1.20	-0.40	0.80	4.00	6.50
17	0.	-1.60	2.60	-3.90	1.20	0.	1.90	3.90	0.10
18	0.	-1.80	3.00	-4.60	0.60	0.	2.80	6.50	0.00
19	0.	-1.80	2.40	-5.50	0.20	0.	1.90	6.50	0.00
20	0.	-1.80	1.80	-5.89	0.	0.	1.90	6.08	1.00
21	0.	0.00	-0.00	-4.50	-0.00	0.	1.30	3.99	1.00
22	0.	0.50	-0.00	-4.50	-0.60	0.	1.00	1.00	1.00
23	0.	1.60	-0.60	-3.90	-0.60	0.	2.60	1.00	1.00
24	0.	2.10	-1.60	-3.90	0.00	0.	2.60	0.40	0.40
25	0.	3.00	-1.60	-2.70	0.00	0.	1.90	-0.00	0.30
26	0.	2.80	-0.50	0.00	1.40	-0.50	1.00	-0.70	-2.30
27	0.	2.80	-0.20	2.60	1.90	-0.70	-0.70	-2.70	0.30
28	0.	2.50	0.10	4.60	1.90	-0.50	-0.10	-0.10	1.20
29	0.	1.60	0.30	4.30	1.20	-0.20	-2.70	-0.20	1.90
30	0.	1.00	1.50	3.90	0.70	0.	1.10	0.10	1.90
31	0.	0.30	1.50	2.79	0.60	0.00	1.10	0.60	1.90
32	0.	-0.30	0.70	-1.90	0.60	0.60	3.50	1.90	1.90
33	-0.00	-1.70	-0.10	-1.90	0.	0.60	5.10	3.40	1.90
34	-1.40	-2.60	-0.70	-1.90	-0.00	0.60	5.90	4.10	1.10
35	-1.90	-3.90	-1.40	-1.20	0.60	1.70	5.90	4.10	0.20
36	-1.90	-4.30	-1.90	-0.40	-0.00	1.80	5.90	4.00	-0.00
37	-1.90	-3.89	-2.70	0.00	-0.20	1.30	5.49	3.30	-0.20
38	-1.90	-2.50	-2.70	-0.70	1.20	1.20	4.69	2.80	-0.60
39	0.	-1.10	-1.90	0.10	-1.90	0.60	3.60	2.20	-0.30
40	0.	0.00	-0.60	0.10	-1.90	0.60	2.50	1.80	0.00
41	0.00	1.30	0.70	-0.00	-0.10	-1.40	1.60	1.00	0.30
42	1.30	2.40	0.70	-3.20	-0.40	0.10	-1.90	0.	1.50
43	1.90	2.40	1.60	-2.30	-0.80	0.10	-2.50	0.00	1.90
44	2.20	2.40	3.00	-1.30	0.70	2.10	-3.20	0.00	2.40
45	1.90	1.40	3.70	0.60	1.20	2.50	1.80	1.30	3.50
46	1.60	0.40	3.70	-0.60	1.20	3.70	1.70	1.90	4.10
47	1.60	-0.30	2.60	-2.20	1.20	3.90	0.00	2.70	5.90
48	1.50	-0.70	1.80	-1.90	1.50	3.70	1.50	3.40	5.90
49	1.50	-0.70	1.80	-1.60	1.50	3.70	3.00	3.30	5.89
50	1.50	-0.70	-0.30	2.10	1.90	2.30	4.31	3.40	5.19
				0.10	2.10	2.30	6.21	3.30	4.20
							7.78	3.30	3.30

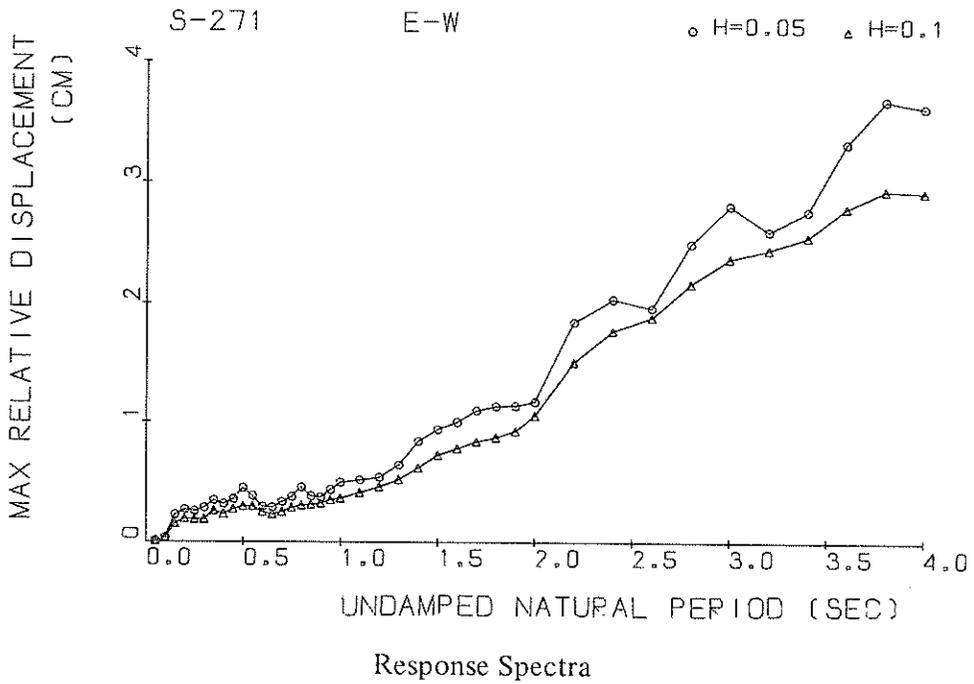
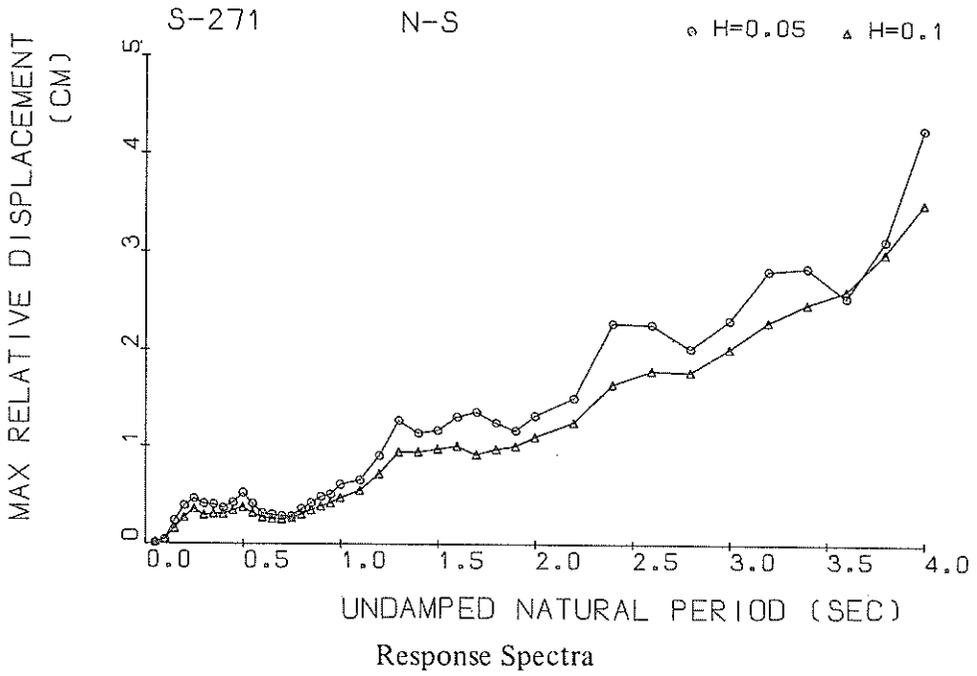


Response Spectra



Response Spectra





RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-271 N=S 1968-05-16-19-39 1968-TOKACHIOKI  
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 25.000(SEC) SKIPPED LENGTH = 11.000(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 90.18(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.219	109.90	36.94	0.469	0.0070
0.100	1.870	168.65	111.45	2.060	0.0424
0.150	4.473	403.38	365.27	8.960	0.2292
0.200	4.167	375.78	398.43	11.926	0.3810
0.250	3.182	286.97	343.21	11.998	0.4527
0.300	1.967	177.41	260.01	9.682	0.4004
0.350	1.410	127.17	174.76	8.452	0.3919
0.400	0.985	88.80	164.56	6.457	0.3559
0.450	0.902	81.34	126.56	7.137	0.4131
0.500	0.903	81.47	146.84	7.474	0.5120
0.550	0.584	52.68	121.96	6.434	0.3992
0.600	0.375	33.77	113.55	5.070	0.3040
0.650	0.306	27.60	114.56	4.636	0.2903
0.700	0.245	22.12	111.49	4.166	0.2746
0.750	0.215	19.35	103.38	3.713	0.2701
0.800	0.237	21.37	102.66	3.898	0.3441
0.850	0.248	22.38	101.30	3.818	0.4066
0.900	0.256	23.06	103.13	4.490	0.4718
0.950	0.242	21.81	103.57	4.514	0.4905
1.000	0.262	23.63	100.00	4.525	0.5950
1.100	0.234	21.09	95.62	5.117	0.6395
1.200	0.272	24.55	94.43	5.761	0.8906
1.300	0.331	29.83	98.70	7.067	1.2619
1.400	0.255	23.03	97.02	5.392	1.1304
1.500	0.228	20.61	91.57	5.049	1.1584
1.600	0.226	20.37	94.25	5.966	1.3019
1.700	0.208	18.72	94.30	6.050	1.3498
1.800	0.170	15.30	93.46	5.585	1.2411
1.900	0.141	12.75	97.12	5.680	1.1569
2.000	0.146	13.16	99.60	5.789	1.3130
2.200	0.137	12.32	100.74	5.622	1.4939
2.400	0.176	15.85	99.43	5.337	2.2820
2.600	0.148	13.39	97.97	5.702	2.2678
2.800	0.114	10.27	96.90	5.270	2.0219
3.000	0.113	10.23	96.04	5.557	2.3205
3.200	0.121	10.96	95.20	5.310	2.8274
3.400	0.109	9.79	94.30	5.339	2.8591
3.600	0.089	8.00	93.37	5.446	2.5611
3.800	0.096	8.65	92.47	5.722	3.1372
4.000	0.118	10.61	91.65	5.717	4.2849

RESPONSE SPECTRUM (BY PRUG. ERS-SE=1)

RECORD = S=2/1 N=S 1968-05-16.19-69 1968-TOKACHIOKI  
 STATION = MIYAKO-S INPUT SIGNAL = GR,ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 25.000(SEC) SKIPPED LENGTH = 11.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 90.18(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.199	108.08	26.61	0.675	0.0068
0.100	1.575	142.05	84.65	1.546	0.0355
0.150	2.904	261.90	220.02	5.576	0.1449
0.200	2.845	256.58	290.59	8.569	0.2537
0.250	2.466	222.43	251.11	8.469	0.6436
0.300	1.699	126.16	198.80	7.348	0.2798
0.350	1.064	95.95	145.74	6.689	0.2908
0.400	0.809	72.95	146.45	5.680	0.2880
0.450	0.719	64.87	115.75	5.622	0.6234
0.500	0.634	57.20	122.89	5.569	0.6536
0.550	0.453	40.86	106.27	5.616	0.2975
0.600	0.623	29.09	108.82	4.505	0.2498
0.650	0.265	23.89	108.55	4.164	0.2369
0.700	0.226	20.34	106.96	6.776	0.2307
0.750	0.194	17.48	106.63	6.475	0.2396
0.800	0.203	18.30	101.65	6.445	0.2761
0.850	0.203	18.32	100.88	6.512	0.6224
0.900	0.197	17.72	100.86	6.651	0.6606
0.950	0.194	17.53	100.65	6.917	0.6936
1.000	0.201	18.14	98.69	4.092	0.4499
1.100	0.193	17.38	95.56	4.478	0.5252
1.200	0.214	19.34	96.64	4.576	0.6918
1.300	0.249	22.49	95.44	5.282	0.9191
1.400	0.220	19.83	94.75	4.968	0.9192
1.500	0.195	17.61	92.36	4.640	0.9541
1.600	0.180	16.21	91.86	4.791	0.9848
1.700	0.145	13.08	91.78	4.684	0.8981
1.800	0.133	12.01	96.38	4.800	0.9570
1.900	0.125	11.29	95.57	4.884	0.9870
2.000	0.124	11.21	97.28	4.680	1.0815
2.200	0.119	10.74	98.61	4.862	1.2368
2.400	0.131	11.77	98.18	4.800	1.6329
2.600	0.117	10.58	97.29	4.900	1.7784
2.800	0.100	9.06	96.45	4.960	1.7664
3.000	0.100	8.99	95.69	5.026	2.0100
3.200	0.100	9.02	94.94	5.077	2.2952
3.400	0.097	8.72	94.17	5.068	2.4825
3.600	0.091	8.23	96.40	5.046	2.6245
3.800	0.093	8.41	92.66	5.019	3.0049
4.000	0.098	8.84	91.98	5.072	6.5157

RESPONSE SPECTRUM (BY PROG. ERS-SE=1)

RECORD = S-2/1      E-W      1968-05-16-19-39      1968-TOKACHIOKI  
 STATION = MIYAKO-S      INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ARC.ERR.  
 TIME LENGTH = 25.000(SEC)      SKIPPED LENGTH = 11.000(SEC)  
 DAMPING COEFFICIENT = 0.050      MAX.GROUND ACC.= 77.10(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.284	99.01	33.97	0.347	0.0063
0.100	1.017	124.68	76.53	1.432	0.0314
0.150	5.182	399.55	345.36	8.815	0.2237
0.200	3.692	261.54	292.58	8.855	0.2645
0.250	2.095	101.56	204.40	7.177	0.2527
0.300	1.619	124.81	154.26	6.613	0.2817
0.350	1.452	111.98	100.97	6.305	0.3451
0.400	1.026	79.09	143.33	6.895	0.3185
0.450	0.914	70.47	110.62	4.694	0.3586
0.500	0.924	71.27	144.78	6.530	0.4474
0.550	0.646	49.82	110.41	6.444	0.3807
0.600	0.423	32.58	90.21	4.716	0.2953
0.650	0.353	27.22	81.99	3.629	0.2882
0.700	0.352	27.11	67.49	4.069	0.3337
0.750	0.345	26.63	77.41	4.007	0.3758
0.800	0.365	28.13	72.60	4.180	0.4512
0.850	0.271	20.91	75.72	3.691	0.3802
0.900	0.235	18.14	72.39	3.422	0.3698
0.950	0.248	19.09	71.82	4.075	0.4327
1.000	0.254	19.58	71.04	3.864	0.4925
1.100	0.218	16.77	72.32	3.540	0.5112
1.200	0.193	14.85	73.36	3.167	0.5360
1.300	0.197	15.16	68.72	3.734	0.6386
1.400	0.222	17.08	70.39	4.705	0.8372
1.500	0.215	16.59	77.87	5.015	0.9381
1.600	0.202	15.55	70.12	4.879	0.9956
1.700	0.196	15.07	70.23	5.182	1.0975
1.800	0.182	14.00	75.27	5.593	1.1327
1.900	0.162	12.52	73.28	5.257	1.1344
2.000	0.151	11.67	80.15	5.052	1.1693
2.200	0.196	15.09	60.82	4.914	1.8412
2.400	0.186	14.06	80.29	4.669	2.0396
2.600	0.150	11.59	79.57	4.069	1.9665
2.800	0.165	12.70	70.34	4.796	2.4932
3.000	0.162	12.51	70.01	4.767	2.8155
3.200	0.132	10.19	74.76	5.021	2.6055
3.400	0.123	9.51	73.21	5.120	2.7683
3.600	0.132	10.19	72.17	5.071	3.3315
3.800	0.132	10.14	71.68	5.418	3.6906
4.000	0.117	9.02	71.55	5.656	3.0391

RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

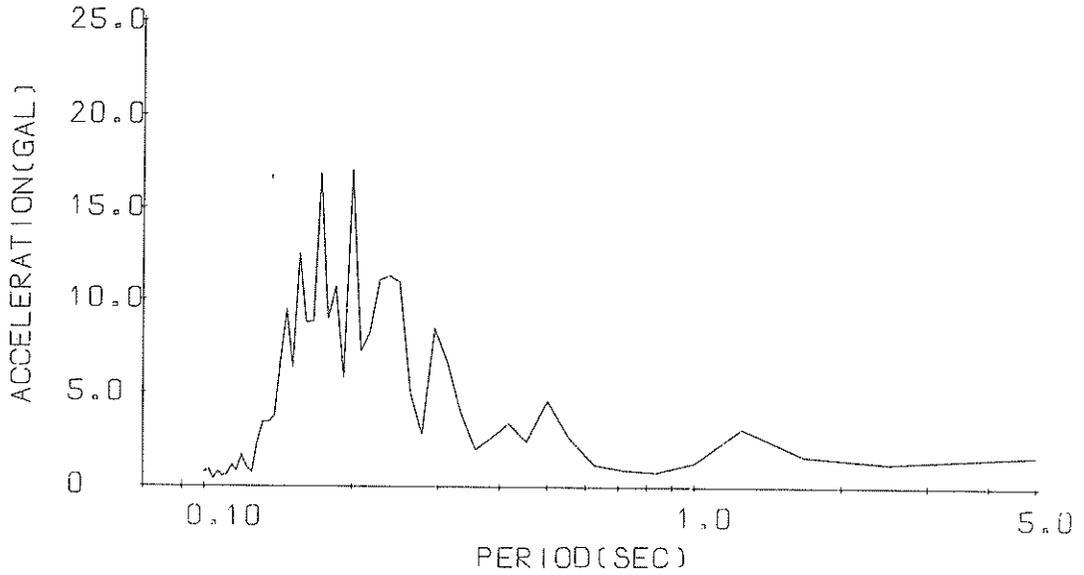
RECORD = S-2/1 E-W 1968-05-16-19-39 1968-TOKACHIOKI  
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = APC.ERR.  
 TIME LENGTH = 24.990(SEC) SKIPPED LENGTH = 11.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 77.10(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.196	92.18	27.53	0.304	0.0058
0.100	1.489	114.82	54.79	1.177	0.0289
0.150	3.419	263.63	220.56	5.763	0.1504
0.200	2.548	196.47	207.91	6.026	0.1944
0.250	1.282	121.96	157.44	5.314	0.1893
0.300	1.112	85.76	116.79	4.753	0.1906
0.350	1.122	86.50	135.92	5.19	0.2604
0.400	0.775	59.77	120.81	5.599	0.2348
0.450	0.720	55.52	112.14	4.679	0.2753
0.500	0.666	49.03	121.72	4.971	0.2951
0.550	0.511	39.39	111.68	5.002	0.2922
0.600	0.357	27.55	94.50	4.411	0.2472
0.650	0.285	21.99	86.80	3.827	0.2282
0.700	0.268	20.67	84.17	3.752	0.2466
0.750	0.266	20.52	78.80	3.552	0.2812
0.800	0.251	19.35	75.96	3.200	0.3000
0.850	0.224	17.29	75.44	3.098	0.3079
0.900	0.207	15.97	74.13	3.014	0.3170
0.950	0.204	15.70	70.11	3.120	0.3470
1.000	0.191	14.73	72.45	3.013	0.3599
1.100	0.176	13.58	72.49	3.005	0.4047
1.200	0.163	12.95	72.06	2.692	0.4525
1.300	0.168	12.92	69.00	3.288	0.5155
1.400	0.171	13.20	71.28	3.885	0.6101
1.500	0.178	13.74	73.94	4.163	0.7209
1.600	0.165	12.71	74.14	4.129	0.7751
1.700	0.154	11.90	73.68	4.250	0.8348
1.800	0.144	11.11	73.94	4.508	0.8707
1.900	0.135	10.59	76.32	4.449	0.9212
2.000	0.137	10.55	77.92	4.235	1.0515
2.200	0.160	12.37	79.14	3.863	1.4969
2.400	0.161	12.40	79.11	3.778	1.7624
2.600	0.147	11.33	78.59	3.926	1.8803
2.800	0.146	11.23	77.65	4.198	2.1672
3.000	0.140	10.77	76.41	4.461	2.3732
3.200	0.128	9.90	75.09	4.648	2.4461
3.400	0.120	9.24	73.95	4.725	2.5532
3.600	0.116	8.91	73.13	4.690	2.7959
3.800	0.109	8.38	72.68	4.704	2.9394
4.000	0.097	7.44	72.56	4.895	2.9271

S-271 N-S

TSK=14.00

TUS=5.00

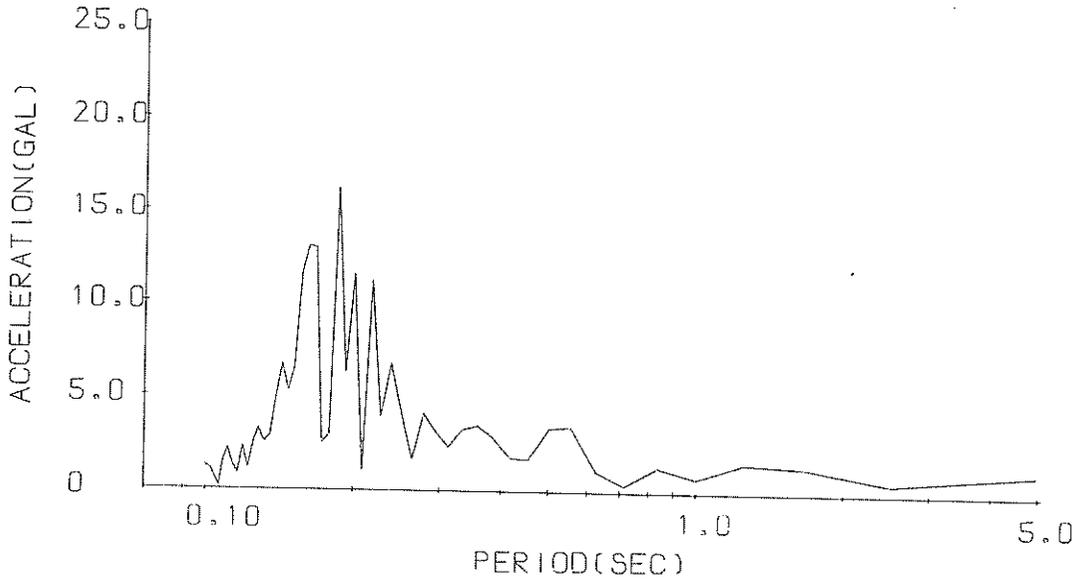


Fourier Spectrum

S-271 E-W

TSK=15.00

TUS=5.00



Fourier Spectrum

RECORD=S-271 COMPONENT=N-S SIGNAL=SP.ACC. CORRECTION=ARC.ERR. STATION=MIYAKO-S  
 DATE AND TIME=1968-05-16-19-39 EARTHQUAKE=1968-TUKAUCHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 3300 DATA USED = 301 TIME LENGTH = 3.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1400

NOTE AM IS AMPLITUDE OF COS(SINPT).  
 BM IS AMPLITUDE OF SIN(SINPT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

N	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	0.2660999E 000	0.1675002E 001	0.1696999E 001
2	2.5000	0.4000	-0.7211461E 000	0.1049996E 001	0.1273789E 001
3	1.6667	0.6000	-0.6103216E-001	0.1675921E 001	0.1677208E 001
4	1.2500	0.8000	0.1894221E 001	-0.2492711E 001	0.3133201E 001
5	1.0000	1.0000	-0.4066262E 000	-0.1221671E 001	0.1286684E 001
6	0.8333	1.2000	0.2646877E 000	0.7762746E 000	0.8201597E 000
7	0.7143	1.4000	0.7646608E-001	-0.9057292E 000	0.9087042E 000
8	0.6250	1.6000	0.5222939E 000	-0.1173166E 001	0.1213739E 001
9	0.5556	1.8000	-0.4959289E 000	-0.2603265E 001	0.2654952E 001
10	0.5000	2.0000	0.4294945E 001	0.5611216E 000	0.4625539E 001
11	0.4545	2.2000	-0.9139905E 000	0.2247156E 001	0.2425898E 001
12	0.4167	2.4000	0.2050754E 000	0.5673474E 001	0.5408107E 001
13	0.3846	2.6000	-0.2480754E 001	-0.8099481E 000	0.2609628E 001
14	0.3571	2.8000	-0.1216204E-002	0.2003326E 001	0.2006626E 001
15	0.3333	3.0000	-0.2980762E 001	-0.2643637E 001	0.3985316E 001
16	0.3125	3.2000	-0.2623666E 001	0.4131386E 001	0.6740018E 001
17	0.2941	3.4000	-0.8294804E 001	-0.1675516E 001	0.8462534E 001
18	0.2778	3.6000	-0.2021122E 001	-0.2007764E 001	0.2845939E 001
19	0.2662	3.8000	0.1112776E 001	-0.4833018E 001	0.4959468E 001
20	0.2500	4.0000	0.5643292E 001	0.8702490E 001	0.1095196E 002
21	0.2361	4.2000	-0.6191180E 001	0.1083697E 002	0.1129706E 002
22	0.2273	4.4000	-0.8195992E 001	0.7455880E 001	0.1107911E 002
23	0.2174	4.6000	0.2928864E 001	0.787289E 001	0.8209531E 001
24	0.2083	4.8000	-0.2125462E 000	0.7202504E 001	0.7223696E 001
25	0.2000	5.0000	0.4134796E 000	-0.1702940E 002	0.1703454E 002
26	0.1923	5.2000	0.2793596E 001	-0.6645880E 001	0.5833680E 001
27	0.1852	5.4000	-0.2597674E 001	0.1044694E 002	0.1071557E 002
28	0.1786	5.6000	-0.2859662E 001	-0.6754247E 001	0.8928690E 001
29	0.1724	5.8000	0.6289446E 001	-0.1126729E 002	0.1688785E 002
30	0.1667	6.0000	-0.4896698E 001	-0.7500197E 001	0.8794643E 001

FOURIER ANALYSIS

RECORD=S-2/1 COMPONENT=N-S SIGNAL=GR,ACC. CORRECTION=ARC,ERR. STATION=MIYAKO-S  
 DATE AND TIME=1968-05-16-19-39 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 5500 DATA USED = 501 TIME LENGTH = 5.003(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1400

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 UM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQ.	AM	BM	CM
31	0.1613	6.2000	0.219795E 001	0.8499469E 001	0.8779000E 001
32	0.1562	6.4000	-0.6456786E 001	-0.1201894E 002	0.1250617E 002
33	0.1515	6.6000	-0.4866625E 001	0.4095247E 001	0.6361098E 001
34	0.1471	6.8000	0.6997994E 001	0.6342198E 001	0.9446646E 001
35	0.1429	7.0000	-0.2826061E 001	-0.6101342E 001	0.6736724E 001
36	0.1389	7.2000	0.5724329E 001	-0.3262773E 000	0.3741390E 001
37	0.1351	7.4000	-0.1287892E 001	0.3203407E 001	0.3457246E 001
38	0.1316	7.6000	0.3222926E 001	-0.1195620E 001	0.3440644E 001
39	0.1282	7.8000	0.2120236E 001	-0.9173484E 000	0.2310336E 001
40	0.1250	8.0000	0.6799944E 000	0.3670717E 000	0.7727445E 000
41	0.1220	8.2000	-0.1267670E 000	-0.9933931E 000	0.1005687E 001
42	0.1190	8.4000	-0.1272809E 001	-0.6921267E 000	0.1721107E 001
43	0.1163	8.6000	0.6669297E 000	-0.4893324E 000	0.8270114E 000
44	0.1136	8.8000	0.2184266E 000	-0.1157219E 001	0.1177655E 001
45	0.1111	9.0000	-0.2297774E 000	-0.2902674E 000	0.6040854E 000
46	0.1087	9.2000	0.4984494E 000	0.2653032E 000	0.5646570E 000
47	0.1064	9.4000	-0.7806739E 000	0.122872E 000	0.8001108E 000
48	0.1042	9.6000	-0.1324886E 000	-0.3895363E 000	0.408231E 000
49	0.1020	9.8000	0.3011682E 000	0.8727212E 000	0.9232252E 000
50	0.1000	10.0000	-0.1466281E 000	-0.7769074E 000	0.7902675E 000

FOURIER ANALYSIS

RECORD=S-271 COMPONENT=E-W SIGNAL=GR,ACC. STATION=MIYAKO-S  
 DATE AND TIME=1968-05-16-19-39 EARTHQUAKE=1968-TOKACHIOKI CURVECTION=ARC,ERR. SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 5500 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1500

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

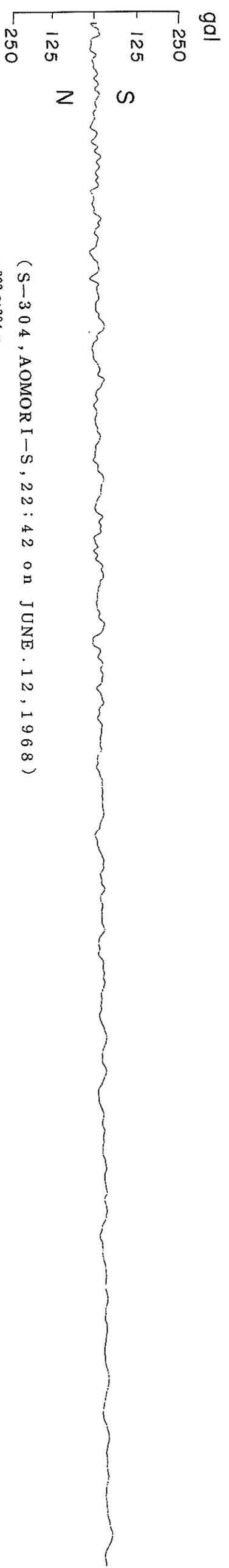
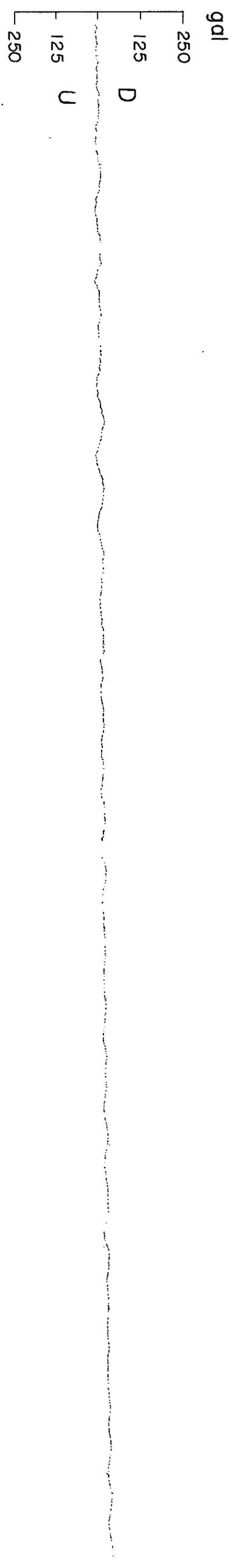
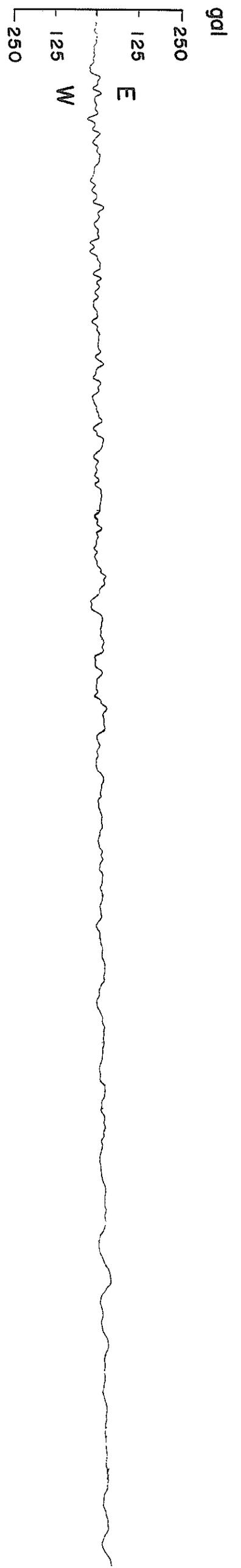
M	PERIOD	FREQ.	AM	BM	CM
1	5.0000	0.2000	-0.1686108E 000	0.1174331E 001	0.1186394E 001
2	2.5000	0.4000	0.5343219E 000	-0.1913662E 000	0.5675570E 000
3	1.6667	0.6000	0.1429214E 001	0.5015998E-001	0.1430094E 001
4	1.2500	0.8000	-0.1171297E 001	0.1091394E 001	0.1600961E 001
5	1.0000	1.0000	0.4265290E 000	0.6612476E 000	0.7852548E 000
6	0.8333	1.2000	0.1043724E 001	-0.9153240E 000	0.1388558E 001
7	0.7143	1.4000	0.6571704E 000	-0.1072717E 000	0.8238236E 000
8	0.6250	1.6000	-0.1866748E 000	-0.1121259E 001	0.1136686E 001
9	0.5556	1.8000	0.6237502E 000	-0.6459588E 001	0.8215368E 001
10	0.5000	2.0000	0.2976503E 001	-0.1613745E 001	0.3689815E 001
11	0.4545	2.2000	-0.1155846E 001	-0.1295598E 001	0.1736992E 001
12	0.4167	2.4000	-0.1518008E 001	-0.1214619E 001	0.192326E 001
13	0.3846	2.6000	0.2576155E 001	0.138576E 001	0.2920123E 001
14	0.3571	2.8000	-0.1647002E 001	0.3114625E 001	0.5232280E 001
15	0.3333	3.0000	-0.6264601E 001	-0.5294986E 000	0.6311903E 001
16	0.3125	3.2000	0.1950487E 001	-0.1399902E 001	0.2400860E 001
17	0.2941	3.4000	-0.6064426E 001	0.7667486E 000	0.6151746E 001
18	0.2778	3.6000	-0.5296458E 001	-0.2061791E 001	0.4145539E 001
19	0.2632	3.8000	-0.1170504E 001	0.1267032E 001	0.1724949E 001
20	0.2500	4.0000	0.5708015E 001	0.2078025E 001	0.4250594E 001
21	0.2381	4.2000	0.6219679E 001	-0.5797092E 001	0.6781918E 001
22	0.2273	4.4000	-0.2935792E 001	-0.2711748E 001	0.3996535E 001
23	0.2174	4.6000	0.2882019E 001	-0.2523300E 001	0.1119336E 002
24	0.2083	4.8000	0.1055659E 001	-0.3147969E 000	0.1101577E 001
25	0.2000	5.0000	-0.2064196E 001	0.1133937E 002	0.1149086E 002
26	0.1923	5.2000	0.2984289E 001	-0.1959275E 001	0.6296862E 001
27	0.1852	5.4000	-0.1037472E 002	0.1243505E 002	0.1617157E 002
28	0.1786	5.6000	-0.1404185E 001	0.2658462E 001	0.3006518E 001
29	0.1724	5.8000	-0.2036647E 001	0.1211576E 001	0.2555700E 001
30	0.1667	6.0000	0.2429325E 001	0.1274184E 002	0.1297135E 002

FOURIER ANALYSIS

RECORD=5-271 COMPONENT=E-W SIGNAL=GR.ACC. CORRECTION=ARC.ERR. STATION=MIYAKO-S  
 DATE AND TIME=1968-05-16-19-39 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 5500 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1500

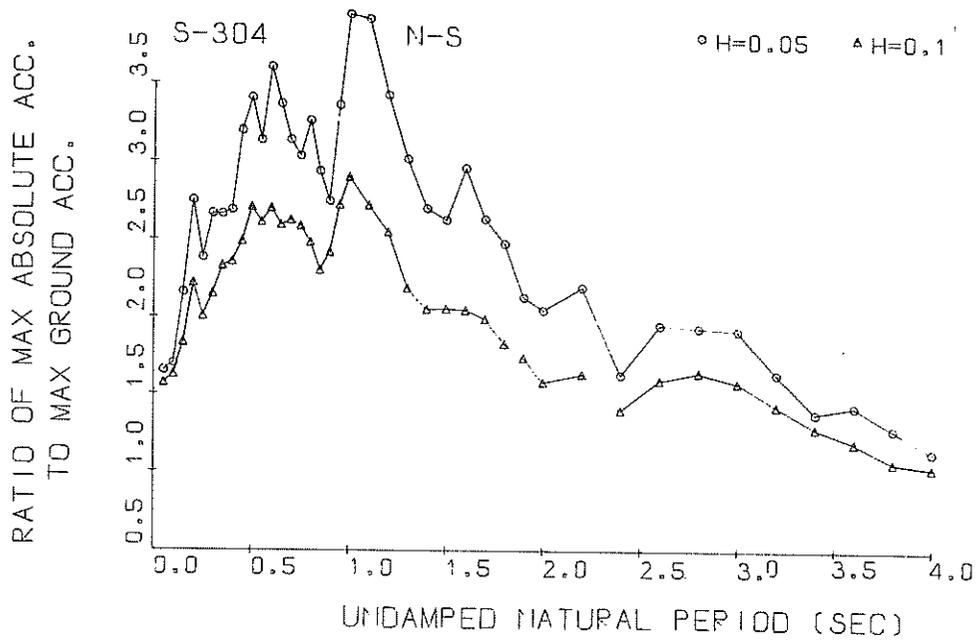
NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

N	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	-0.670571E 001	-0.1114332E 002	0.1500532E 002
32	0.1562	6.4000	0.1027174E 002	0.4802876E 001	0.1161160E 002
33	0.1515	6.6000	-0.2262188E-001	-0.6267368E 001	0.6260913E 001
34	0.1471	6.8000	0.4292102E 001	0.3135975E 001	0.5318695E 001
35	0.1429	7.0000	-0.2080288E 001	0.3243826E 001	0.6692370E 001
36	0.1389	7.2000	-0.4842703E 001	0.1044482E 001	0.5025875E 001
37	0.1351	7.4000	-0.1826448E 001	-0.2222666E 001	0.2901294E 001
38	0.1316	7.6000	0.2423078E 001	-0.7693512E 000	0.2242435E 001
39	0.1282	7.8000	0.2256875E 001	-0.2422626E 001	0.3612446E 001
40	0.1250	8.0000	-0.2469775E 001	-0.5245216E 000	0.2526976E 001
41	0.1220	8.2000	-0.9674622E 000	0.6743346E 000	0.1196087E 001
42	0.1190	8.4000	-0.1317779E 001	0.1895726E 001	0.2309591E 001
43	0.1163	8.6000	0.6926122E 000	0.544770E 000	0.8834361E 000
44	0.1136	8.8000	0.1078646E 001	-0.7277769E 000	0.1318335E 001
45	0.1111	9.0000	0.2126934E 001	0.4231844E 000	0.2195161E 001
46	0.1087	9.2000	0.1422226E 001	0.2061012E 000	0.1561767E 001
47	0.1064	9.4000	-0.1328735E 000	0.9222261E-001	0.1642320E 000
48	0.1042	9.6000	-0.4206491E 000	0.5402626E 000	0.7038491E 000
49	0.1020	9.8000	-0.7692666E 000	-0.8467921E 000	0.1144044E 001
50	0.1000	10.0000	0.1002222E 001	0.7232434E 000	0.1226570E 001

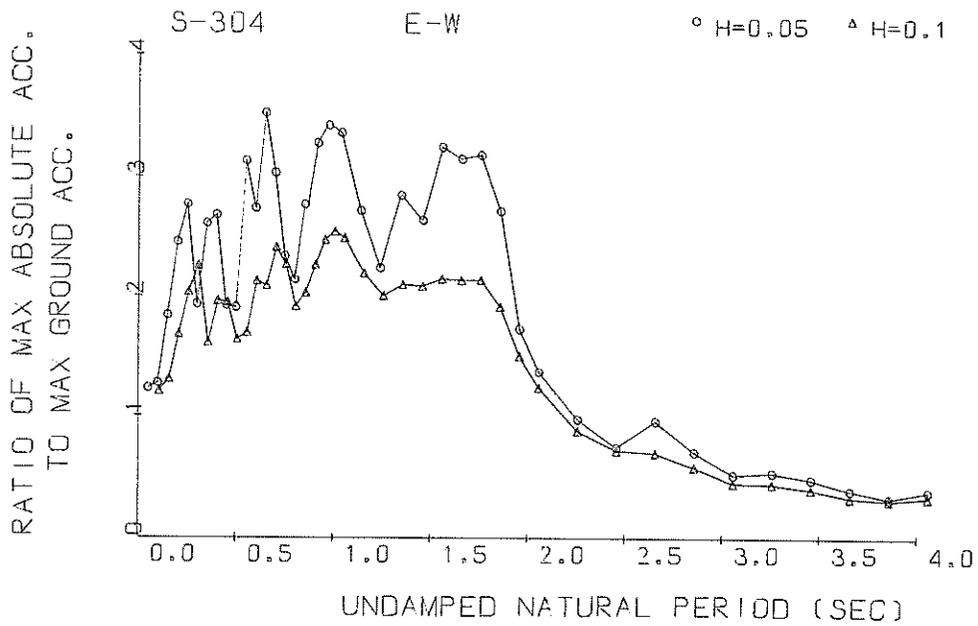


(S-304, AOMORI-S, 22:42 on JUNE.12, 1968)

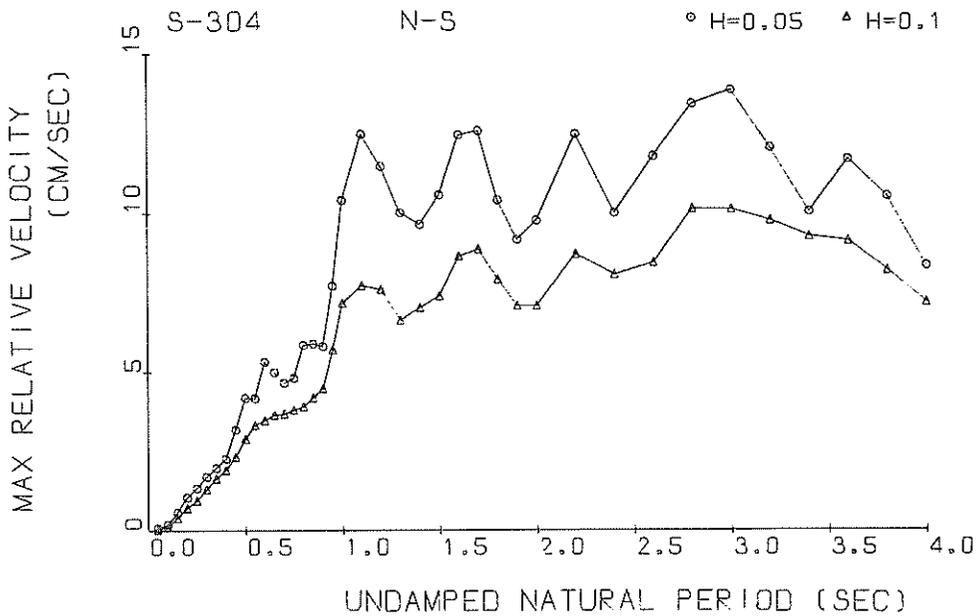




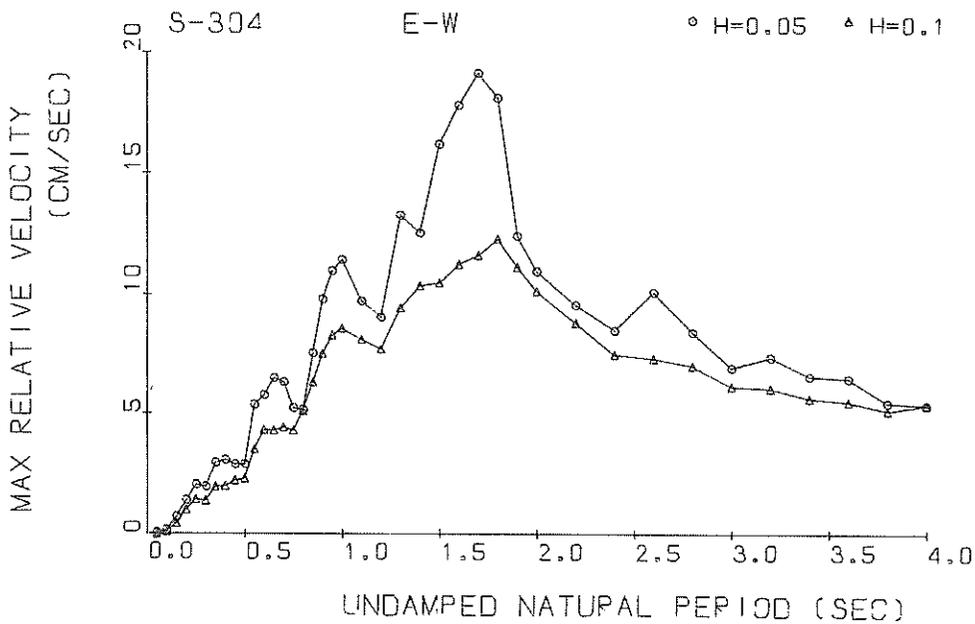
Response Spectra



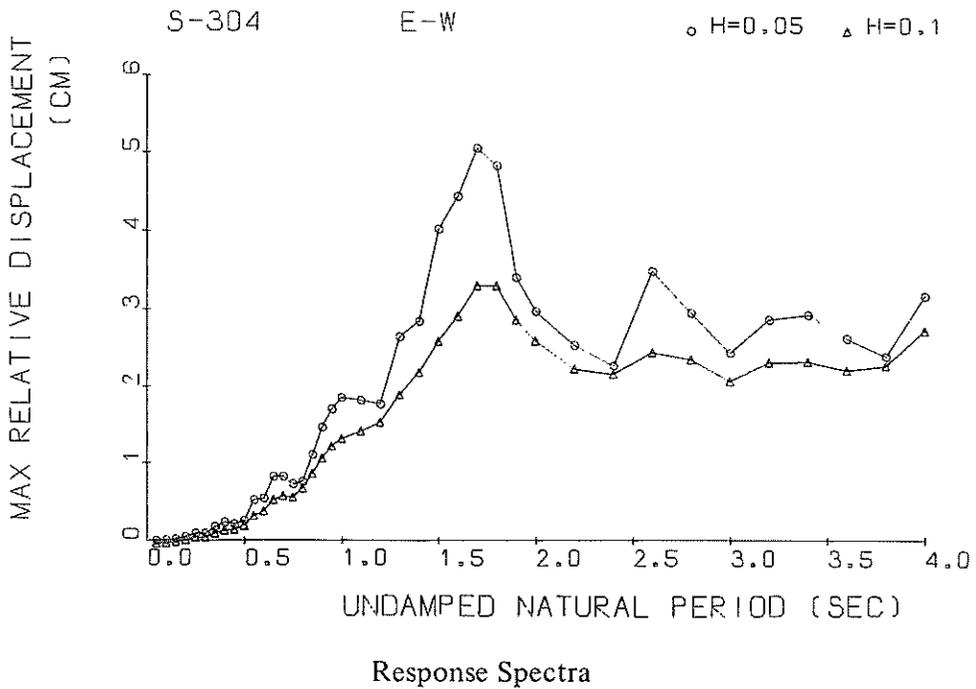
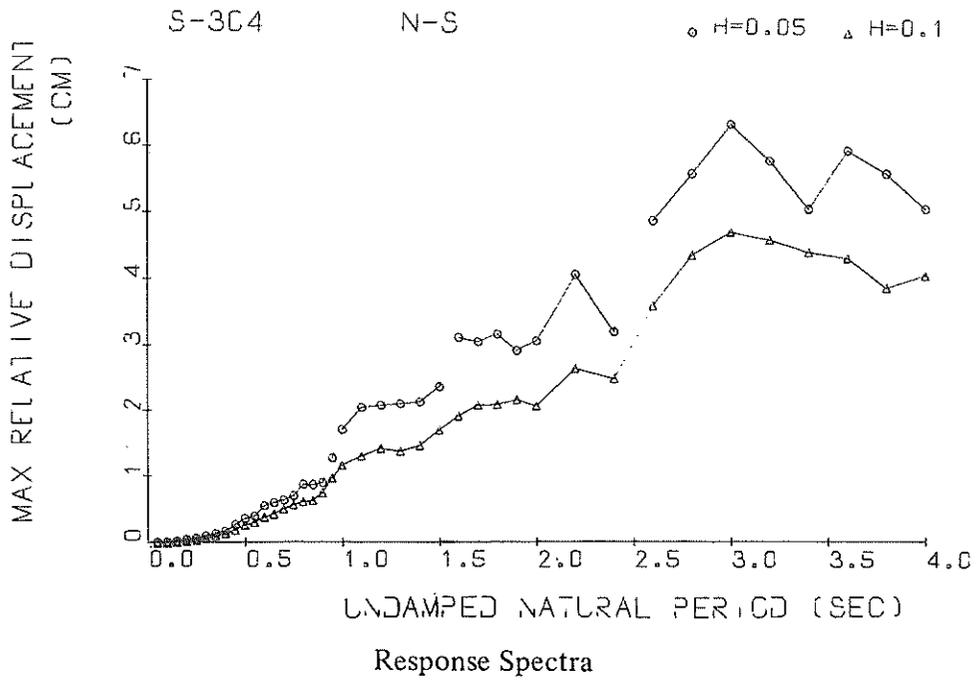
Response Spectra



Response Spectra



Response Spectra



RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

RECORD = S-304 N-S 1968-06-12-22-42 1968-TOKACHI0K1  
 STATION = AOMORI-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC  
 TIME LENGTH = 30.000(SEC) SKIPPED LENGTH = 0. (SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 19.77(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.020	1.152	22.77	8.04	0.069	0.0014
0.100	1.196	23.65	9.63	0.177	0.0060
0.120	1.058	32.78	20.66	0.555	0.0188
0.200	2.250	44.48	31.20	1.032	0.0448
0.220	1.081	37.19	33.02	1.309	0.0589
0.300	2.162	42.74	33.59	1.674	0.0968
0.320	2.160	42.69	30.90	1.943	0.1323
0.400	2.109	43.27	30.00	2.237	0.1751
0.420	2.693	53.23	41.25	3.103	0.2716
0.500	2.903	57.38	59.24	4.174	0.3613
0.520	2.033	52.06	53.48	4.104	0.3909
0.600	3.103	61.34	50.32	5.328	0.5371
0.620	2.865	56.04	49.18	4.998	0.5039
0.700	2.637	52.13	41.33	4.604	0.446
0.720	2.333	30.07	41.56	4.823	0.713
0.800	2.759	54.55	44.48	5.873	0.8818
0.820	2.436	48.16	43.05	5.915	0.8782
0.900	2.248	44.45	40.01	5.845	0.9023
0.920	2.863	56.60	37.03	7.739	1.2873
1.000	3.449	68.19	60.14	10.423	1.7192
1.100	3.419	67.59	84.37	12.470	2.0603
1.200	2.925	57.81	64.16	11.476	2.0977
1.300	2.318	49.78	51.36	10.038	2.1139
1.400	2.205	43.59	40.24	9.667	2.1524
1.500	2.130	42.11	40.44	10.386	2.3883
1.600	2.464	48.70	34.84	12.449	3.1409
1.700	2.138	42.27	33.29	12.363	3.0780
1.800	1.981	39.10	43.98	10.412	3.1977
1.900	1.037	32.30	33.32	9.187	2.9451
2.000	1.330	30.05	33.36	9.708	3.0903
2.200	1.098	33.37	39.90	12.402	4.0937
2.400	1.130	22.34	36.27	10.027	3.2324
2.600	1.436	28.78	33.97	11.766	4.9034
2.800	1.439	28.45	30.03	13.413	5.6131
3.000	1.422	28.11	30.00	13.838	6.3740
3.200	1.141	22.56	29.43	12.027	5.6212
3.400	0.083	17.49	27.03	10.036	5.0926
3.600	0.929	16.36	28.49	11.684	5.9843
3.800	0.786	15.33	29.03	10.323	5.6271
4.000	0.042	12.70	20.22	8.376	5.0973

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-304 N-S 1968-06-12-22-42 1968-TOKACHIOKI  
 STATION = AOMORI-S INPUT SIGNAL = GR, ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO, ARC  
 TIME LENGTH = 30.000(SEC) SKIPPED LENGTH = 0. (SEC)  
 DAMPING COEFFICIENT = 0.100 MAX. GROUND ACC. = 19.77(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.020	1.076	21.27	7.01	0.064	0.0016
0.100	1.131	22.36	8.45	0.148	0.0057
0.120	1.340	26.50	14.93	0.431	0.0149
0.200	1.724	34.08	21.22	0.730	0.0343
0.220	1.708	29.82	24.97	0.967	0.0469
0.300	1.656	32.74	27.31	1.326	0.0736
0.320	1.634	30.26	27.25	1.666	0.1109
0.400	1.664	36.84	25.55	1.928	0.1473
0.420	1.993	39.39	32.51	2.345	0.1909
0.500	2.215	43.78	44.89	2.923	0.2716
0.520	2.117	41.35	40.84	3.349	0.3169
0.600	2.206	43.61	38.01	3.506	0.3924
0.620	2.097	41.45	37.88	3.672	0.4378
0.700	2.126	42.32	37.31	3.706	0.5141
0.720	2.087	41.27	37.75	3.828	0.5798
0.800	1.983	39.20	30.55	3.939	0.6267
0.820	1.804	35.66	34.15	4.219	0.6436
0.900	1.917	37.90	38.28	4.521	0.7620
0.920	2.222	43.93	44.38	5.745	0.9340
1.000	2.400	47.45	47.39	7.236	1.1734
1.100	2.220	43.89	50.94	7.763	1.3217
1.200	2.044	40.41	44.84	7.657	1.4414
1.300	1.886	33.33	37.53	6.682	1.4019
1.400	1.749	30.62	35.05	7.076	1.4800
1.500	1.752	30.69	30.98	7.444	1.7171
1.600	1.747	30.57	39.83	8.692	1.9379
1.700	1.492	29.50	39.00	8.914	2.1093
1.800	1.532	26.34	40.02	7.980	2.1133
1.900	1.239	24.50	30.01	7.151	2.1976
2.000	1.651	21.37	33.35	7.143	2.1033
2.200	1.160	22.40	31.94	8.752	2.0841
2.400	0.893	17.75	32.00	8.124	2.2340
2.600	1.093	21.00	29.06	6.490	3.0372
2.800	1.143	22.65	29.07	10.104	4.4039
3.000	1.073	21.31	25.04	10.121	4.7522
3.200	0.925	18.29	24.27	9.801	4.6433
3.400	0.760	15.24	24.40	9.312	4.4581
3.600	0.891	13.00	25.02	9.128	4.3670
3.800	0.564	11.15	24.69	8.249	3.9250
4.000	0.532	10.21	23.69	7.254	4.1143

RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

RECORD = S-304 E-W 1968-06-12-22-42 1968-TOKACHIOKI  
 STATION = AOMUKI-S INPUT SIGNAL = GR,ACC,  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO,ARC  
 TIME LENGTH = 30.000(SEC) SKIPPED LENGTH = 0. (SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 22.03(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.020	1.228	27.04	6.17	0.055	0.0017
0.100	1.269	27.97	9.20	0.175	0.0071
0.120	1.637	40.46	25.87	0.705	0.0229
0.200	2.451	53.99	41.85	1.379	0.0548
0.250	2.770	61.02	48.73	2.012	0.0967
0.300	1.926	42.44	41.13	1.961	0.0964
0.320	2.608	57.46	54.36	2.913	0.1770
0.400	2.678	59.01	50.20	3.061	0.2386
0.420	1.913	42.25	46.08	2.861	0.2156
0.500	1.903	41.93	38.65	2.870	0.2644
0.520	3.127	68.38	65.15	5.389	0.5255
0.600	2.739	60.35	60.10	5.784	0.5475
0.620	3.516	77.46	67.70	6.513	0.8255
0.700	3.028	66.72	56.43	6.344	0.8249
0.720	2.336	51.46	46.81	5.246	0.7306
0.800	2.139	47.12	40.90	5.172	0.7607
0.820	2.768	60.98	54.94	7.554	1.1112
0.900	3.272	72.09	64.74	9.833	1.4728
0.920	3.415	75.24	71.98	10.985	1.7127
1.000	3.354	73.89	75.07	11.436	1.8627
1.100	2.715	59.82	64.64	9.739	1.8266
1.200	2.232	49.17	57.78	9.062	1.7847
1.300	2.842	62.62	67.49	13.271	2.6696
1.400	2.632	57.99	56.05	12.545	2.8646
1.500	3.233	71.22	70.40	16.185	4.0434
1.600	3.135	69.05	75.41	17.785	4.4540
1.700	3.164	69.69	76.50	19.109	5.0736
1.800	2.701	59.51	68.94	18.072	4.8558
1.900	1.711	37.69	47.17	12.422	3.4283
2.000	1.354	29.82	38.57	10.955	3.0032
2.200	0.959	21.12	37.42	9.581	2.5734
2.400	0.726	15.99	37.89	8.518	2.3076
2.600	0.940	20.71	34.38	10.129	3.5202
2.800	0.688	15.15	32.69	8.461	2.9890
3.000	0.500	11.01	30.41	6.976	2.4868
3.200	0.514	11.33	28.93	7.421	2.9113
3.400	0.462	10.19	26.49	6.627	2.9743
3.600	0.373	8.22	23.60	6.319	2.6754
3.800	0.305	6.73	23.94	5.515	2.4478
4.000	0.364	8.01	23.17	5.425	3.2208

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

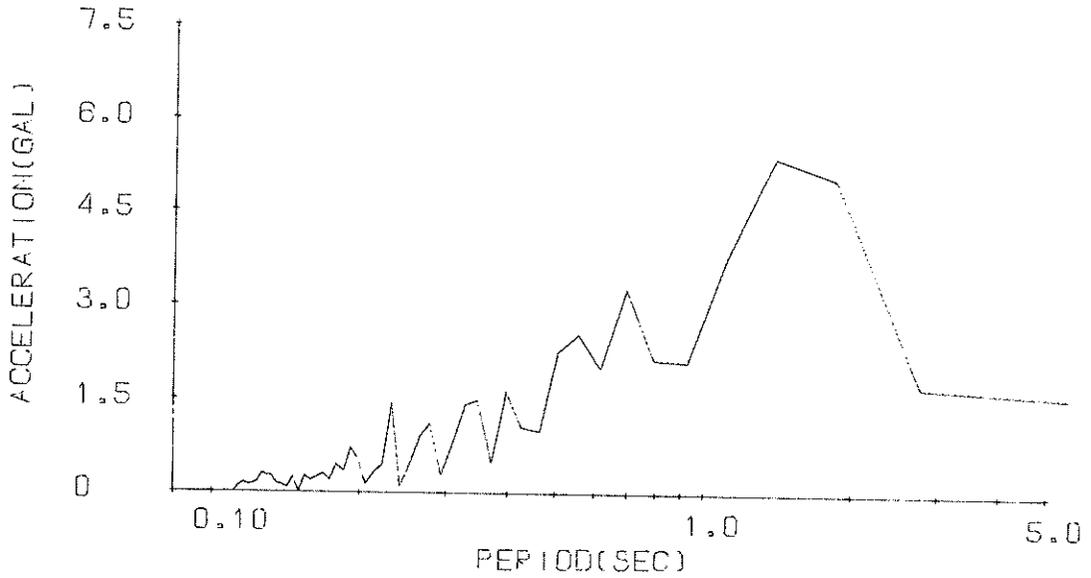
RECORD = S-304      E-W      1968-06-12-22-42      1968-TOKACHIOKI  
 STATION = AOMURI-S      INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ZERO,ARC  
 TIME LENGTH = 35.000(SEC)      SKIPPED LENGTH = 0. (SEC)  
 DAMPING COEFFICIENT = 0.100      MAX.GROUND ACC.= 22.05(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.184	26.08	4.70	0.050	0.0016
0.100	1.289	28.39	8.01	0.160	0.0071
0.150	1.666	36.71	16.65	0.487	0.0206
0.200	2.021	44.51	29.77	1.047	0.0444
0.250	2.243	49.42	35.77	1.464	0.0770
0.300	1.595	35.14	32.31	1.424	0.0787
0.350	1.944	42.82	39.66	1.987	0.1305
0.400	1.931	42.54	39.68	2.019	0.1705
0.450	1.621	35.70	37.35	2.260	0.1808
0.500	1.678	36.96	34.29	2.334	0.2301
0.550	2.109	46.46	43.70	3.548	0.3506
0.600	2.071	45.61	45.04	4.366	0.4092
0.650	2.390	52.66	42.67	4.356	0.5545
0.700	2.250	49.57	42.23	4.491	0.6055
0.750	1.895	41.74	36.81	4.358	0.5860
0.800	2.012	44.32	38.14	5.171	0.7057
0.850	2.249	49.56	43.51	6.381	0.8913
0.900	2.454	54.05	50.20	7.594	1.0899
0.950	2.525	55.64	57.91	8.364	1.2498
1.000	2.469	54.39	60.12	8.655	1.3533
1.100	2.177	47.96	56.19	8.179	1.4498
1.200	1.988	43.79	49.71	7.774	1.5740
1.300	2.081	45.84	51.42	9.506	1.9325
1.400	2.067	45.53	50.45	10.437	2.2259
1.500	2.128	46.88	55.72	10.546	2.6359
1.600	2.115	46.60	52.59	11.297	2.9585
1.700	2.120	46.71	53.47	11.670	3.3412
1.800	1.895	41.75	50.89	12.356	3.3434
1.900	1.485	32.72	42.29	11.199	2.9155
2.000	1.219	26.86	36.62	10.220	2.6507
2.200	0.864	19.03	34.19	8.887	2.2867
2.400	0.703	15.49	34.54	7.557	2.2125
2.600	0.682	15.01	31.76	7.389	2.4988
2.800	0.565	12.45	30.13	7.089	2.4062
3.000	0.439	9.67	29.08	6.220	2.1167
3.200	0.433	9.53	27.83	6.131	2.3737
3.400	0.386	8.50	26.16	5.710	2.3797
3.600	0.319	7.03	24.41	5.563	2.2643
3.800	0.299	6.58	23.96	5.208	2.3231
4.000	0.321	7.07	24.52	5.450	2.7798

S-304 N-S

TSK=4.00

TUS=5.00

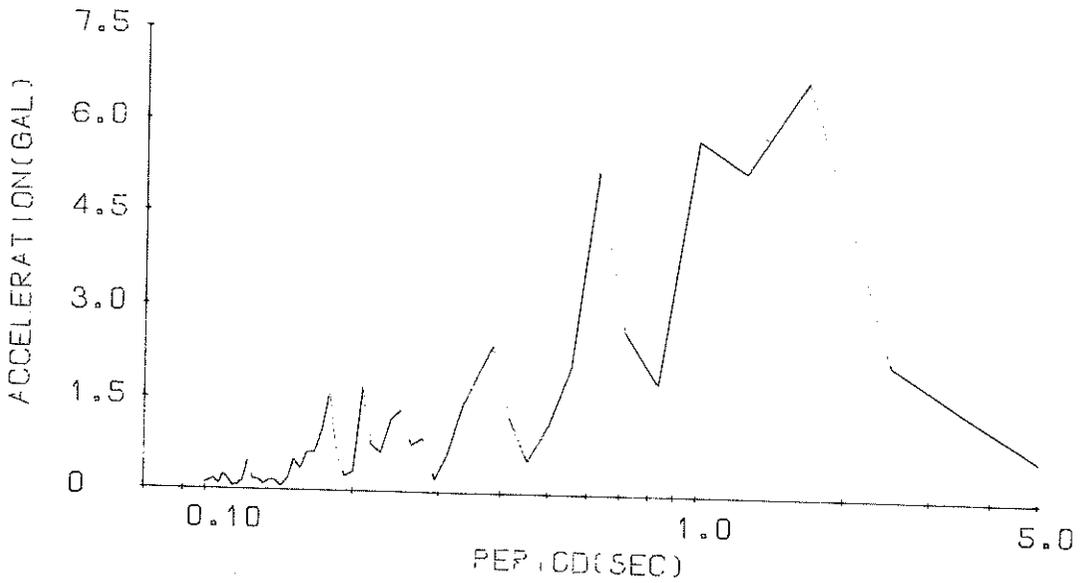


Fourier Spectrum

S-304 E-W

TSK=10.00

TUS=5.00



Fourier Spectrum

FOURIER ANALYSIS

RECORD=S-004 COMPONENT=N-S SIGNAL=GR.ACC. STATION=AOMORI-S  
 DATE AND TIME=1968-06-12-22-42 EARTHQUAKE=1968-TOKACHIOKI  
 TOTAL NUMBER OF DATA= 4750 DATA USED = 501 TIME LENGTH = 5.003(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 400 CURVECTION=ZERO.ARC SAMPLING INTERVAL= 0.0100(SEC)

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	-0.1609047E 001	-0.8981699E 000	0.1587549E 001
2	2.5000	0.4000	0.1729719E 001	0.1901890E 000	0.1734412E 001
3	1.6667	0.6000	-0.2558176E 001	0.4753418E 001	0.5039237E 001
4	1.2500	0.8000	0.4589817E 001	0.6144016E 001	0.5699568E 001
5	1.0000	1.0000	-0.2589029E 001	-0.2937150E 001	0.3786068E 001
6	0.8333	1.2000	-0.1404928E 001	0.1797692E 001	0.2122292E 001
7	0.7143	1.4000	-0.1986064E 000	-0.2155195E 001	0.2165295E 001
8	0.6250	1.6000	0.1445379E 001	0.2973892E 001	0.3285861E 001
9	0.5556	1.8000	-0.2006460E 001	0.3261378E 000	0.2032764E 001
10	0.5000	2.0000	-0.1997108E 001	-0.2145674E 001	0.2560183E 001
11	0.4545	2.2000	-0.242607E-001	-0.2275169E 001	0.2276298E 001
12	0.4167	2.4000	0.8856872E 000	0.4795854E 000	0.1007196E 001
13	0.3846	2.6000	0.6097859E 000	-0.8097822E 000	0.1062243E 001
14	0.3571	2.8000	0.5945183E 000	-0.1605032E 001	0.1653781E 001
15	0.3333	3.0000	-0.6286661E 000	-0.3883502E 000	0.5085474E 000
16	0.3125	3.2000	-0.1434500E 001	0.4572129E 000	0.1499648E 001
17	0.2941	3.4000	0.1261674E 001	-0.6784262E 000	0.1432510E 001
18	0.2778	3.6000	0.1881022E 000	0.7981461E 000	0.8100058E 000
19	0.2632	3.8000	-0.2018660E 000	0.2274740E 000	0.6041068E 000
20	0.2500	4.0000	0.7052825E 000	-0.8875411E 000	0.1133724E 001
21	0.2381	4.2000	0.8897502E 000	-0.1955276E 000	0.9109380E 000
22	0.2273	4.4000	-0.9216902E-002	-0.4661874E 000	0.4662845E 000
23	0.2174	4.6000	-0.4272206E-002	0.1214449E 000	0.1215200E 000
24	0.2083	4.8000	0.7491448E 000	0.1245884E 001	0.1454627E 001
25	0.2000	5.0000	-0.2246002E 000	0.4009686E 000	0.4995860E 000
26	0.1923	5.2000	-0.2457393E 000	-0.2272637E 000	0.6347187E 000
27	0.1852	5.4000	-0.8179420E-001	-0.1199999E 000	0.1452249E 000
28	0.1786	5.6000	0.1058161E 000	0.7933011E 000	0.5461500E 000
29	0.1724	5.8000	0.100017E 000	-0.7275252E 000	0.7641702E 000
30	0.1667	6.0000	-0.3437229E 000	0.8693836E-001	0.3538235E 000

FOURIER ANALYSIS

RECORD=S-004 COMPONENT=N-S SIGNAL=GR,ACU. STATION=AOMORI-S  
 DATE AND TIME=1968-06-12-22-42 EARTHQUAKE=1968-TOKACHIOKI CORRECTION=ZERO,ARC  
 TOTAL NUMBER OF DATA= 4750 DATA USED= 501 TIME LENGTH= 2.000(SEC) SAMPLING INTERVAL= 0.0100(SEC)  
 DATA SKIPPED = 400 MMIN = 1 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	-0.4125181E 000	-0.1964101E 000	0.4268896E 000
32	0.1562	6.4000	0.1678280E 000	-0.1555521E 000	0.2145440E 000
33	0.1515	6.6000	0.2991006E 000	-0.8867580E-001	0.3119688E 000
34	0.1471	6.8000	-0.2891966E-001	-0.2214675E 000	0.2231250E 000
35	0.1429	7.0000	-0.2921157E-001	-0.2037262E 000	0.2058098E 000
36	0.1389	7.2000	0.2438528E 000	-0.1014207E 000	0.2641029E 000
37	0.1351	7.4000	-0.7103256E-003	-0.2413704E-001	0.2411750E-001
38	0.1316	7.6000	0.1720591E 000	-0.1972001E 000	0.2617102E 000
39	0.1282	7.8000	-0.6649248E-001	-0.5687717E-001	0.8558037E-001
40	0.1250	8.0000	-0.1203127E 000	0.3702355E-003	0.1203133E 000
41	0.1220	8.2000	-0.2161759E-001	-0.1544847E 000	0.1439431E 000
42	0.1190	8.4000	-0.2217103E 000	-0.1133878E 000	0.2762761E 000
43	0.1163	8.6000	-0.1649652E 000	-0.2127428E 000	0.2692081E 000
44	0.1136	8.8000	0.1605359E 000	-0.1648472E 000	0.3135233E 000
45	0.1111	9.0000	-0.3570890E-001	-0.1044129E 000	0.1686704E 000
46	0.1087	9.2000	0.9282066E-001	0.1044129E 000	0.1417188E 000
47	0.1064	9.4000	-0.1102557E 000	0.6025847E-001	0.1256527E 000
48	0.1042	9.6000	0.1203339E 000	-0.9275973E-001	0.1519423E 000
49	0.1020	9.8000	0.1018844E 000	-0.4885621E-001	0.1129971E 000
50	0.1000	10.0000	-0.3193428E-001	-0.3969583E-002	0.3218005E-001

FOURIER ANALYSIS

RECORD=S-304 COMPONENT=E-W SIGNAL=GR,ACC. CORRECTION=ZERO,ARC STATION=AOMORI-S  
 DATE AND TIME=1968-06-12-22-42 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 4750  
 DATA SKIPPED = 1000 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

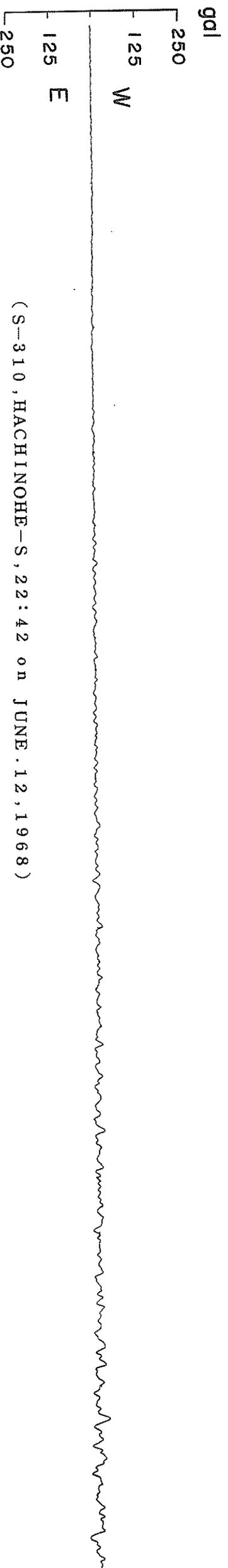
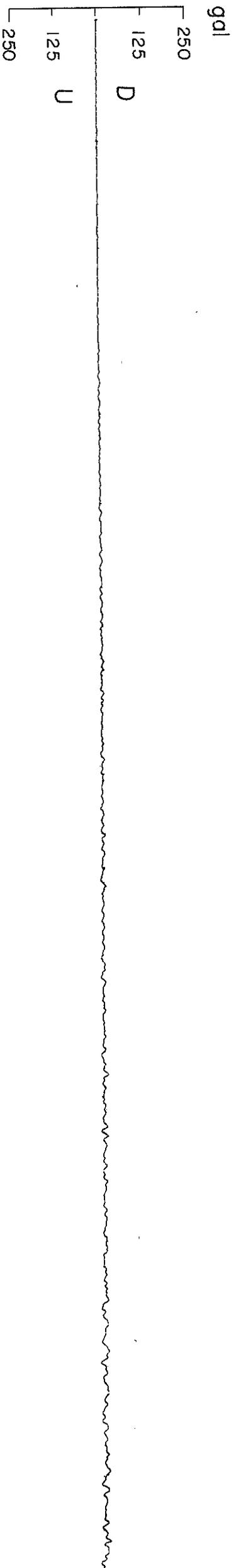
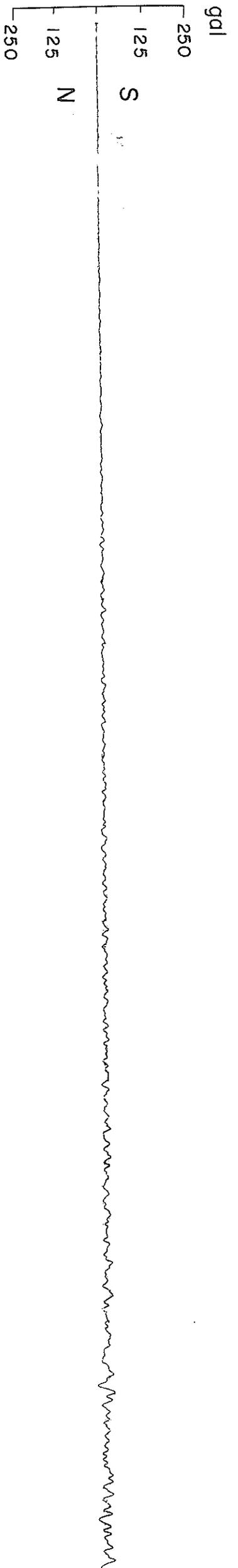
M	PERIOD	FREQ.	AM	3M	CM
1	5.0000	0.2000	0.2435604E-001	-0.6802490E 000	0.6824170E 000
2	2.5000	0.4000	0.6949897E 000	0.2064077E 001	0.2177941E 001
3	1.6667	0.6000	0.3740450E 001	0.5395872E 001	0.6730880E 001
4	1.2500	0.8000	-0.1466580E 001	-0.2007081E 001	0.219363E 001
5	1.0000	1.0000	0.225974E 001	0.5293938E 001	0.5748327E 001
6	0.8333	1.2000	-0.1625592E 001	-0.8252965E 000	0.1823091E 001
7	0.7143	1.4000	0.2601424E 001	0.597040E 000	0.2656819E 001
8	0.6250	1.6000	0.7607899E 000	-0.5157106E 001	0.5208624E 001
9	0.5556	1.8000	-0.1688764E 001	-0.1270627E 001	0.2083359E 001
10	0.5000	2.0000	0.1118586E 001	0.2285489E 000	0.1141696E 001
11	0.4545	2.2000	-0.5225988E 000	0.1075896E 000	0.5335185E 000
12	0.4167	2.4000	0.1042074E 001	-0.6993615E 000	0.1222423E 001
13	0.3846	2.6000	-0.1729284E 000	-0.2405944E 001	0.2413148E 001
14	0.3571	2.8000	0.9079191E 000	-0.1891612E 001	0.1916509E 001
15	0.3333	3.0000	0.3426810E 000	-0.1061632E 001	0.1404826E 001
16	0.3125	3.2000	0.1764906E 000	-0.6165197E 000	0.6413804E 000
17	0.2941	3.4000	-0.2436131E-001	-0.2122724E 000	0.2136657E 000
18	0.2778	3.6000	0.1146504E 000	-0.8855894E 000	0.8929800E 000
19	0.2632	3.8000	0.7725902E 000	-0.5675648E-001	0.7746721E 000
20	0.2500	4.0000	0.9689750E 000	-0.9255155E 000	0.1639514E 001
21	0.2381	4.2000	-0.9135934E 000	-0.7489418E 000	0.1181278E 001
22	0.2273	4.4000	0.6679415E 000	-0.4463786E 000	0.6279536E 000
23	0.2174	4.6000	0.2125449E 000	0.5613614E 000	0.7754128E 000
24	0.2083	4.8000	0.1694688E 001	0.3221495E-002	0.1694641E 001
25	0.2000	5.0000	0.1052299E 000	-0.2989111E 000	0.3168930E 000
26	0.1923	5.2000	0.2261154E 000	-0.7903315E-001	0.2676174E 000
27	0.1852	5.4000	-0.5338207E 000	-0.561159E 000	0.6288890E 000
28	0.1786	5.6000	0.2966281E 000	-0.1479942E 001	0.1956680E 001
29	0.1724	5.8000	0.9651590E 000	-0.2272486E 000	0.9945512E 000
30	0.1667	6.0000	-0.6250357E 000	0.3993261E-001	0.6263081E 000

FOURIER ANALYSIS

RECORD=S-004 COMPONENT=E-W SIGNAL=GR.ACC. STATION=AOMORI-S  
 DATE AND TIME=1968-06-12-22-42 EARTHQUAKE=1968-TOKACHIOKI  
 TOTAL NUMBER OF DATA= 4750 DATA USED = 501 TIME LENGTH = 5.00J(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1000 SAMPLING INTERVAL= 0.0100(SEC)

NOTE AM IS AMPLITUDE OF COS(WNT).  
 BM IS AMPLITUDE OF SIN(WNT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

N	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	-0.6254936E 000	-0.5665717E 000	0.6251013E 000
32	0.1562	6.4000	-0.5450061E 000	-0.5057317E 001	0.5583209E 000
33	0.1515	6.6000	-0.2695031E 001	-0.5044462E 000	0.5051657E 000
34	0.1471	6.8000	-0.7854273E 001	0.1283970E 000	0.1768009E 000
35	0.1429	7.0000	-0.6085435E 001	0.1225471E 001	0.6207798E 001
36	0.1389	7.2000	0.1512436E 000	0.4531329E 002	0.1513053E 000
37	0.1351	7.4000	-0.1541416E 000	0.6413350E 002	0.1542751E 000
38	0.1316	7.6000	-0.5222099E 002	-0.9743774E 001	0.9757758E 001
39	0.1282	7.8000	0.6564534E 001	0.1573139E 000	0.1617236E 000
40	0.1250	8.0000	-0.1713849E 000	-0.9973328E 002	0.1713756E 000
41	0.1220	8.2000	0.4026375E 000	-0.2874992E 000	0.4949079E 000
42	0.1190	8.4000	0.2682605E 001	-0.1281360E 000	0.1407448E 000
43	0.1163	8.6000	0.5675779E 001	0.4697529E 001	0.7366040E 001
44	0.1136	8.8000	-0.6001356E 001	-0.482704E 001	0.5678672E 001
45	0.1111	9.0000	0.1708764E 001	-0.1517037E 000	0.1825053E 000
46	0.1087	9.2000	0.6015067E 001	-0.2915280E 000	0.2592140E 000
47	0.1064	9.4000	0.2673886E 001	-0.7715479E 001	0.8165669E 001
48	0.1042	9.6000	0.1018295E 000	-0.1252401E 000	0.1614134E 000
49	0.1020	9.8000	-0.1132785E 001	-0.1524936E 000	0.1529770E 000
50	0.1000	10.0000	-0.2423688E 001	-0.11023129E 000	0.1061204E 000



(S-310, HACHINOHE-S, 22:42 on JUNE.12, 1968)

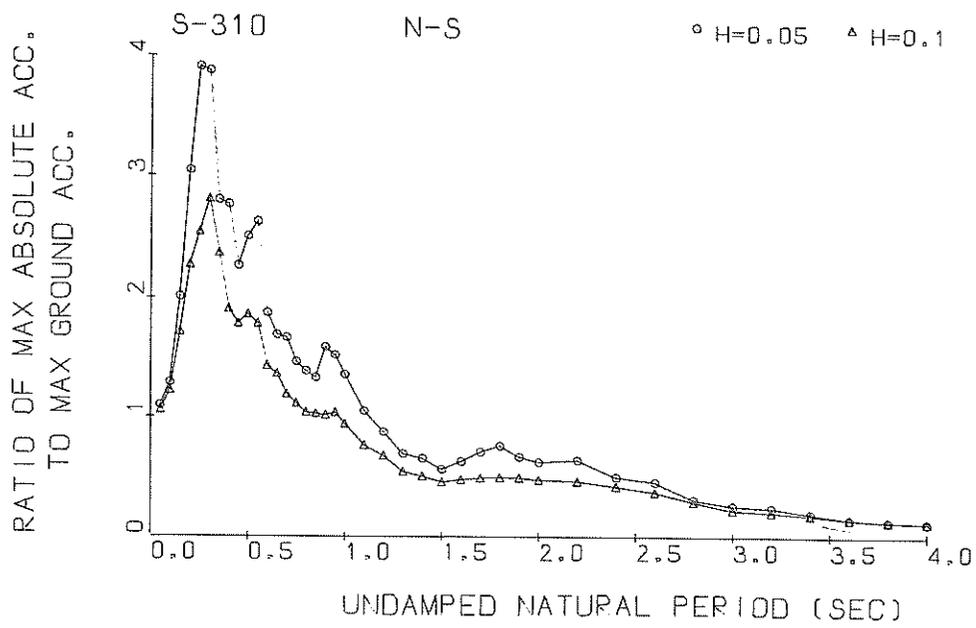


Handwritten wavy line

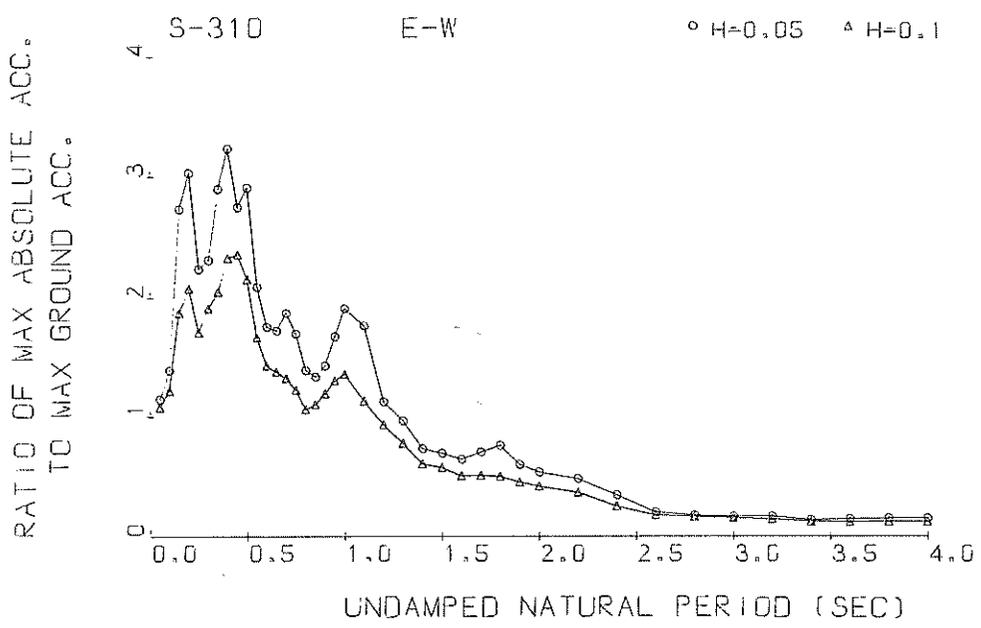
Handwritten wavy line

Handwritten wavy line

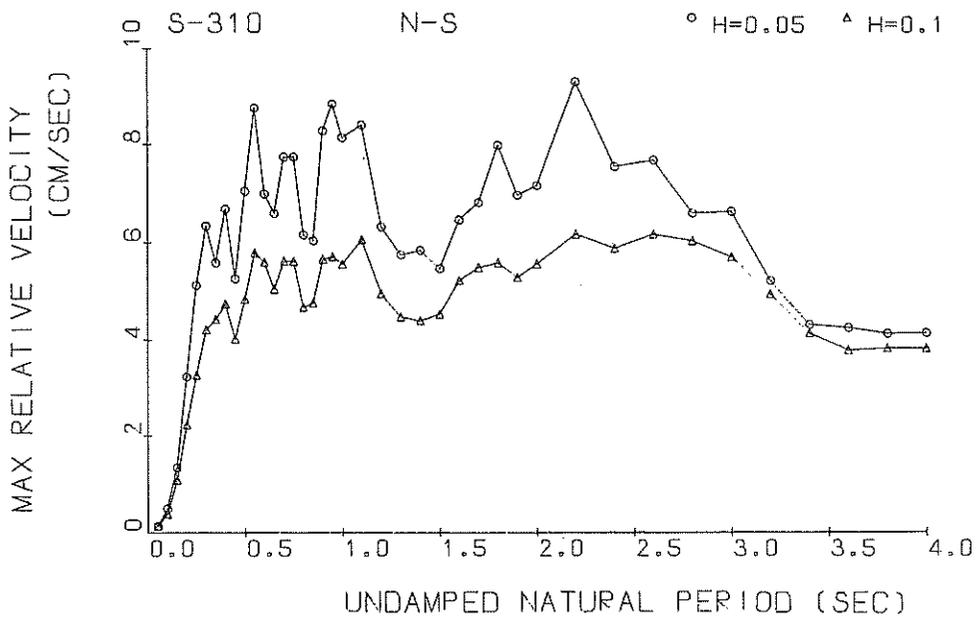
Handwritten wavy line



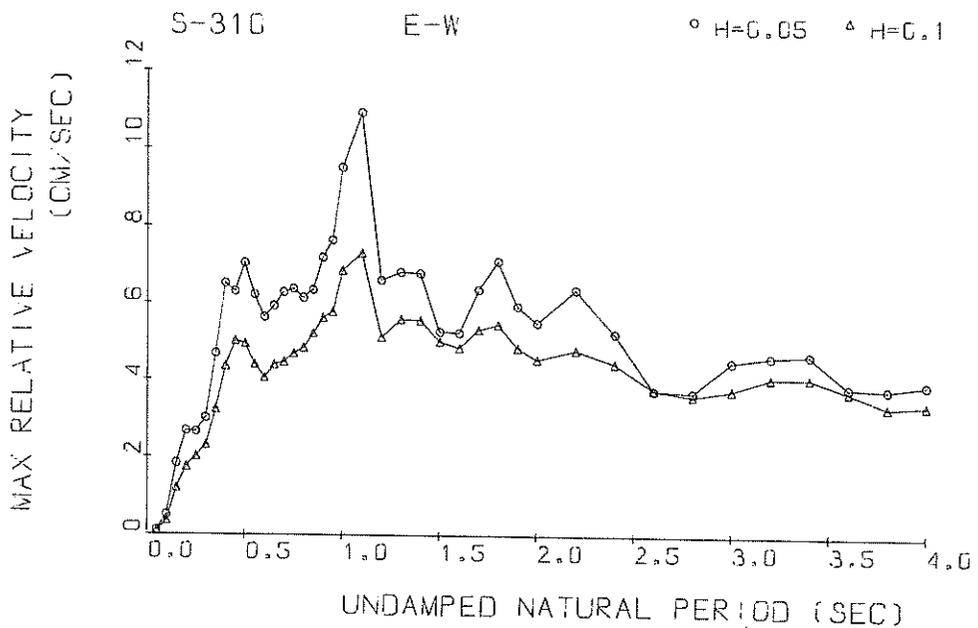
Response Spectra



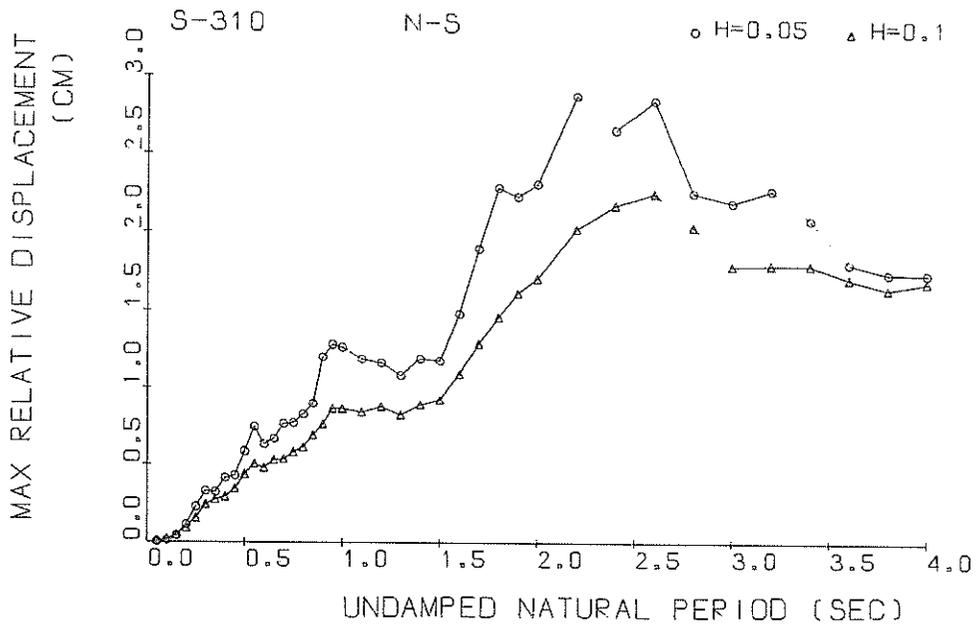
Response Spectra



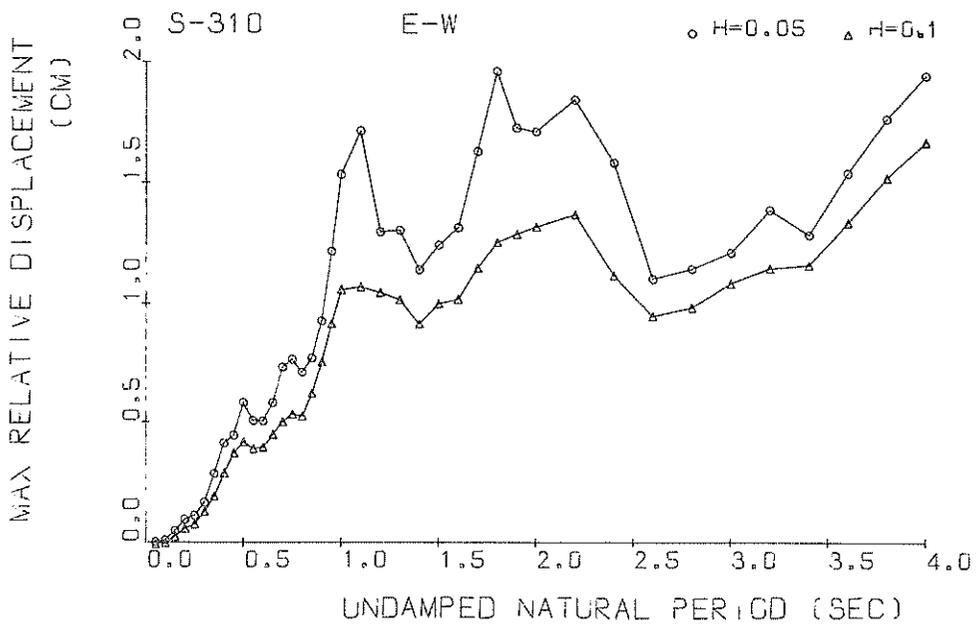
Response Spectra



Response Spectra



Response Spectra



Response Spectra

RESPONSE SPECTRUM (BY PROG. EPS-SE-1)

RECORD = S-310 N-S 1968-06-12-22-42 1968-TOKACHI0K1  
 STATION = HACHINOHE-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ZERO.ARC  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 21.000(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 37.16(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.092	40.59	11.32	0.125	0.0026
0.100	1.285	47.75	27.36	0.479	0.0121
0.150	2.007	74.56	55.25	1.320	0.0426
0.200	3.041	113.01	94.06	3.228	0.1132
0.250	3.910	145.28	128.57	5.121	0.2281
0.300	3.878	144.89	132.34	6.328	0.3282
0.350	2.801	104.08	98.91	5.575	0.3226
0.400	2.764	102.72	111.16	6.671	0.4151
0.450	2.259	83.96	84.44	5.256	0.4296
0.500	2.500	92.88	99.48	7.057	0.5850
0.550	2.623	97.45	102.72	8.736	0.7426
0.600	1.875	69.50	93.74	6.980	0.6304
0.650	1.887	62.69	94.79	6.584	0.6661
0.700	1.864	61.83	98.08	7.725	0.7617
0.750	1.457	54.13	74.95	7.725	0.7676
0.800	1.379	51.26	65.72	6.140	0.8266
0.850	1.326	49.28	66.08	6.020	0.8975
0.900	1.389	59.04	67.73	8.261	1.2038
0.950	1.319	56.45	67.92	8.820	1.2840
1.000	1.354	50.31	69.46	8.116	1.2659
1.100	1.046	38.88	50.22	8.378	1.1856
1.200	0.866	32.14	54.37	8.292	1.1641
1.300	0.867	25.52	45.45	5.724	1.0847
1.400	0.648	24.37	50.41	5.807	1.1864
1.500	0.757	20.71	45.44	5.440	1.1765
1.600	0.621	23.06	39.86	6.438	1.4832
1.700	0.701	26.06	42.74	6.784	1.9000
1.800	0.754	28.02	49.11	7.945	2.2937
1.900	0.661	24.56	40.04	6.965	2.2351
2.000	0.621	23.06	45.52	7.126	2.3142
2.200	0.638	23.69	43.71	9.256	2.8848
2.400	0.495	18.38	38.58	7.509	2.6610
2.600	0.452	16.78	37.73	7.638	2.8520
2.800	0.309	11.48	39.65	6.566	2.2537
3.000	0.260	9.65	37.45	6.596	2.1969
3.200	0.240	8.91	35.16	5.184	2.2732
3.400	0.194	7.22	35.36	4.279	2.0911
3.600	0.151	5.61	35.65	4.216	1.8131
3.800	0.129	4.81	35.69	4.095	1.7456
4.000	0.117	4.35	36.31	4.112	1.7457

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-310 N=S 1968-06-12-22-42 1968-TOKACHIOKI  
 STATION = HACHINOHE-S INPUT SIGNAL = GR,ACC.  
 SAMPLING INTERVAL = 0.000(SEC) CORRECTION = ZERO,ARC  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 21.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 37.16(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.052	39.09	8.92	0.102	0.0025
0.100	1.218	45.26	19.80	0.354	0.0114
0.150	1.714	63.69	41.51	1.051	0.0357
0.200	2.269	84.33	65.37	2.203	0.0842
0.250	2.540	94.36	79.65	3.238	0.1466
0.300	2.807	104.30	95.03	4.187	0.2335
0.350	2.964	87.64	87.88	4.398	0.2670
0.400	1.908	70.91	81.97	4.720	0.2824
0.450	1.783	66.27	69.96	3.989	0.3334
0.500	1.860	69.13	70.01	4.807	0.4285
0.550	1.784	66.30	72.80	5.752	0.4975
0.600	1.426	52.97	70.14	5.562	0.4711
0.650	1.356	50.39	81.19	5.015	0.5230
0.700	1.166	44.06	80.05	5.587	0.5279
0.750	1.109	41.22	60.46	5.587	0.5731
0.800	1.031	38.32	54.81	4.646	0.6047
0.850	1.021	37.94	51.55	4.735	0.6828
0.900	1.008	37.45	52.12	5.631	0.7531
0.950	1.030	38.28	52.81	5.673	0.8555
1.000	0.935	34.76	52.78	5.514	0.8540
1.100	0.755	28.06	47.96	6.006	0.8321
1.200	0.665	24.72	48.30	4.907	0.8699
1.300	0.535	19.88	46.20	4.428	0.8164
1.400	0.496	18.42	40.00	4.352	0.8846
1.500	0.448	16.63	44.67	4.492	0.9210
1.600	0.403	17.38	42.12	5.178	1.0900
1.700	0.461	17.88	42.83	5.443	1.2884
1.800	0.488	18.12	44.07	5.540	1.4611
1.900	0.487	18.08	42.31	5.243	1.6135
2.000	0.469	17.43	38.63	5.514	1.7080
2.200	0.456	16.96	39.59	6.122	2.0202
2.400	0.414	15.40	38.14	5.837	2.1780
2.600	0.367	13.63	37.48	6.127	2.2555
2.800	0.287	10.68	37.68	5.992	2.0437
3.000	0.221	8.21	30.62	5.659	1.7970
3.200	0.201	7.47	33.30	4.910	1.6803
3.400	0.178	6.61	33.24	4.091	1.6858
3.600	0.151	5.60	33.41	3.747	1.6170
3.800	0.131	4.85	33.57	3.784	1.6533
4.000	0.118	4.40	33.66	3.786	1.6990

RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

RECORD # 5-310 E-W 1968-06-12-22-42 1968-TOKACHIOKI  
 STATION = HACHINOHE-S INPUT SIGNAL = GR,ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC,ERR.  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 21.000(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 31.82(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.144	36.41	12.57	0.110	*0.0026
0.100	1.387	44.12	30.67	0.514	0.0111
0.150	2.733	66.96	71.16	1.842	0.0491
0.200	3.028	96.36	82.60	2.671	0.0969
0.250	2.238	71.21	62.26	2.654	0.1120
0.300	2.612	76.57	68.55	3.014	0.1677
0.350	2.899	92.26	97.54	4.692	0.2844
0.400	3.228	102.73	100.09	6.521	0.4149
0.450	2.753	87.60	96.74	6.314	0.4468
0.500	2.911	92.64	102.68	7.049	0.5836
0.550	2.092	66.57	76.22	6.226	0.5079
0.600	1.756	55.86	74.19	5.642	0.5054
0.650	1.725	54.88	66.63	5.926	0.5842
0.700	1.675	59.66	69.40	6.276	0.7363
0.750	1.701	54.14	61.75	6.372	0.7674
0.800	1.593	44.31	52.23	6.144	0.7146
0.850	1.337	42.55	52.02	6.344	0.7746
0.900	1.432	45.56	55.69	7.193	0.9354
0.950	1.681	53.50	66.39	7.646	1.2176
1.000	1.916	60.98	61.64	9.518	1.5357
1.100	1.772	56.39	78.87	10.916	1.7159
1.200	1.129	35.93	59.64	6.616	1.3017
1.300	0.968	30.81	47.12	6.827	1.3094
1.400	0.732	23.29	39.39	6.797	1.1462
1.500	0.694	22.07	39.16	5.274	1.2500
1.600	0.643	20.47	46.44	5.242	1.3220
1.700	0.707	22.49	39.94	6.363	1.6372
1.800	0.760	24.18	46.46	7.108	1.9730
1.900	0.600	19.09	46.06	5.937	1.7366
2.000	0.537	17.09	41.48	5.508	1.7202
2.200	0.481	15.30	38.00	6.365	1.8533
2.400	0.347	11.03	34.95	5.238	1.5913
2.600	0.208	6.63	35.56	3.772	1.1092
2.800	0.184	5.84	35.62	3.706	1.1506
3.000	0.171	5.45	35.69	4.489	1.2195
3.200	0.171	5.44	34.77	4.624	1.3923
3.400	0.142	4.53	32.60	4.668	1.2953
3.600	0.149	4.75	31.02	3.837	1.5512
3.800	0.154	4.89	31.09	3.786	1.7779
4.000	0.154	4.90	32.12	3.916	1.9612

RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

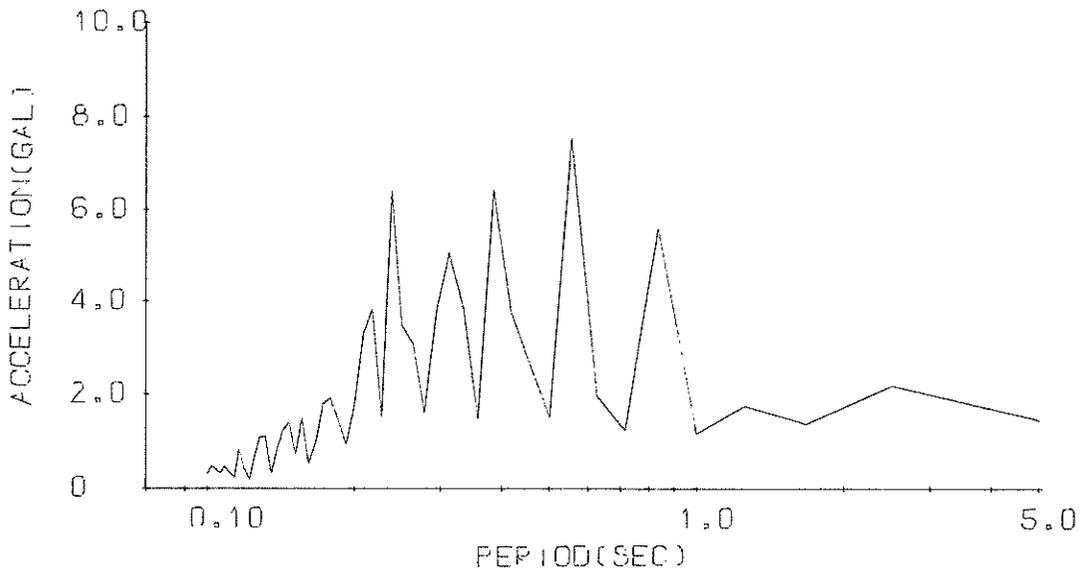
RECORD = S-310 E-W 1968-06-12-22-42 1968-TOKACHIOKI  
 STATION = HACHINOHE-S INPUT SIGNAL = GR,ACC,  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC,ERR,  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 21.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 31.82(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.081	34.38	10.64	0.101	0.0022
0.100	1.220	38.82	20.50	0.366	0.0098
0.150	1.877	59.73	43.94	1.214	0.0332
0.200	2.081	66.23	54.29	1.759	0.0656
0.250	1.713	54.51	45.99	2.028	0.0854
0.300	1.915	60.92	52.27	2.618	0.1369
0.350	2.052	65.31	60.64	3.238	0.1991
0.400	2.334	74.28	67.43	4.359	0.2965
0.450	2.364	75.22	75.55	5.015	0.3801
0.500	2.159	68.71	74.52	4.946	0.4275
0.550	1.871	53.17	61.07	4.401	0.3987
0.600	1.432	45.56	57.96	4.058	0.4057
0.650	1.379	43.90	54.07	4.403	0.4584
0.700	1.327	42.24	52.14	4.475	0.5112
0.750	1.227	39.05	50.54	4.698	0.5443
0.800	1.065	36.89	47.18	4.844	0.5367
0.850	1.103	35.27	45.91	5.222	0.6331
0.900	1.199	38.15	52.04	5.629	0.7673
0.950	1.305	41.52	56.94	5.779	0.9288
1.000	1.363	43.37	64.04	6.862	1.0689
1.100	1.137	36.18	57.40	7.311	1.0806
1.200	0.937	29.81	54.37	5.122	1.0586
1.300	0.779	24.79	48.08	5.594	1.0297
1.400	0.607	19.31	38.95	5.505	0.9269
1.500	0.576	18.32	38.12	5.008	1.0121
1.600	0.510	16.21	36.82	4.851	1.0292
1.700	0.510	16.32	36.49	5.318	1.1566
1.800	0.503	16.01	38.53	5.459	1.2649
1.900	0.458	14.58	37.89	4.844	1.2988
2.000	0.421	13.40	37.68	4.538	1.3305
2.200	0.370	11.79	37.70	4.787	1.3792
2.400	0.261	8.29	35.92	4.438	1.1271
2.600	0.188	5.98	33.57	3.766	0.9612
2.800	0.172	5.47	33.45	3.602	0.9977
3.000	0.165	5.26	33.15	3.749	1.0955
3.200	0.156	4.95	34.39	4.055	1.1566
3.400	0.134	4.26	33.21	4.053	1.1718
3.600	0.131	4.18	32.32	3.706	1.3484
3.800	0.135	4.29	32.10	3.320	1.3356
4.000	0.136	4.31	32.34	3.373	1.6836

S-310 N-S

TSK=34.00

TUS=5.00

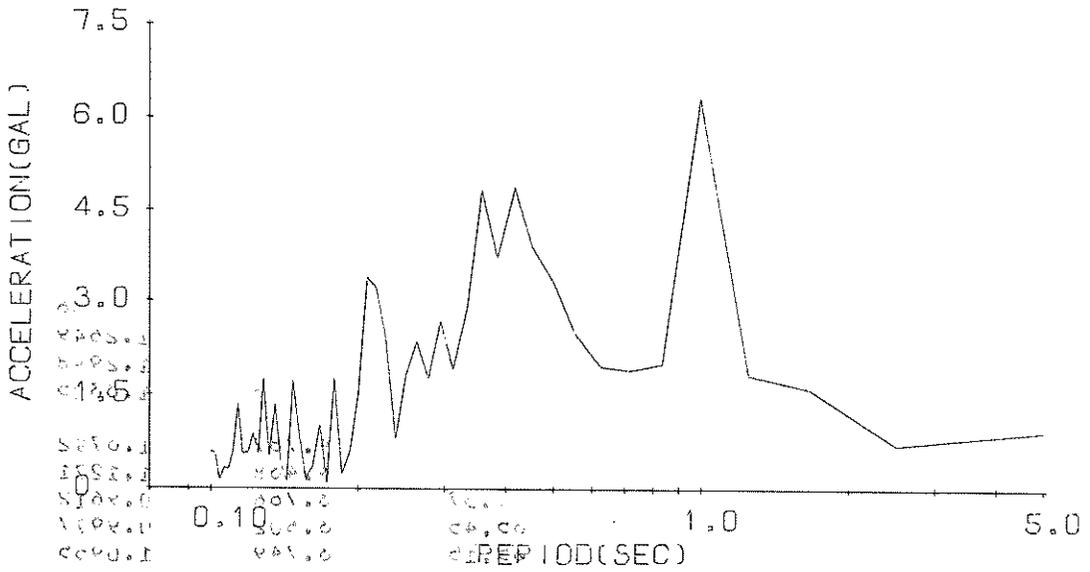


Fourier Spectrum

S-310 E-W

TSK=32.00

TUS=5.00



Fourier Spectrum

0.010.1	0.010.4	0.010.0	0.010.4	0.010.0
0.015.1	0.015.4	0.015.0	0.015.4	0.015.0
0.020.1	0.020.4	0.020.0	0.020.4	0.020.0
0.025.1	0.025.4	0.025.0	0.025.4	0.025.0
0.030.1	0.030.4	0.030.0	0.030.4	0.030.0
0.035.1	0.035.4	0.035.0	0.035.4	0.035.0
0.040.1	0.040.4	0.040.0	0.040.4	0.040.0
0.045.1	0.045.4	0.045.0	0.045.4	0.045.0
0.050.1	0.050.4	0.050.0	0.050.4	0.050.0
0.055.1	0.055.4	0.055.0	0.055.4	0.055.0
0.060.1	0.060.4	0.060.0	0.060.4	0.060.0
0.065.1	0.065.4	0.065.0	0.065.4	0.065.0
0.070.1	0.070.4	0.070.0	0.070.4	0.070.0
0.075.1	0.075.4	0.075.0	0.075.4	0.075.0
0.080.1	0.080.4	0.080.0	0.080.4	0.080.0
0.085.1	0.085.4	0.085.0	0.085.4	0.085.0
0.090.1	0.090.4	0.090.0	0.090.4	0.090.0
0.095.1	0.095.4	0.095.0	0.095.4	0.095.0
0.100.1	0.100.4	0.100.0	0.100.4	0.100.0

FOURIER ANALYSIS

RECORD#S=610 COMPONENT=N=S SIGNAL=GR,ACC. STATION=HACHINOHE  
 DATE AND TIME=196806122242 EARTHQUAKE=1968-TOKACHIOKI CORRECTION=ZERO.ARC  
 TOTAL NUMBER OF DATA= 9000 DATA USED = 501 TIME LENGTH = 5.000(SEC) SAMPLING INTERVAL= 0.0100(SEC)  
 DATA SKIPPED = 3400 MMIN = .1 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	0.1451193E 001	0.2082142E 000	0.1470615E 001
2	2.5000	0.4000	0.2099441E 001	0.6591254E 000	0.2200477E 001
3	1.6667	0.6000	0.1568175E 001	0.2419825E 000	0.1689410E 001
4	1.2500	0.8000	0.7655536E 000	0.1788037E 001	0.1762926E 001
5	1.0000	1.0000	0.8891062E 000	0.7898296E 000	0.1189261E 001
6	0.8333	1.2000	0.4241894E 001	0.3674823E 001	0.5612307E 001
7	0.7143	1.4000	0.6838362E 000	0.1039242E 001	0.1244048E 001
8	0.6250	1.6000	0.5269247E 000	0.1958106E 001	0.1990371E 001
9	0.5556	1.8000	0.6327971E 001	0.4134636E 001	0.7558996E 001
10	0.5000	2.0000	0.1919928E 001	0.2442847E 000	0.1539434E 001
11	0.4545	2.2000	0.2163109E 001	0.1679492E 001	0.2738564E 001
12	0.4167	2.4000	0.1466850E 001	0.3506009E 001	0.3800494E 001
13	0.3846	2.6000	0.4503260E 001	0.4611950E 001	0.6445885E 001
14	0.3571	2.8000	0.1778590E 001	0.1482695E 001	0.1493525E 001
15	0.3333	3.0000	0.2473960E 001	0.3035592E 001	0.3916031E 001
16	0.3125	3.2000	0.3439097E 001	0.3725653E 001	0.5070294E 001
17	0.2941	3.4000	0.2723958E 001	0.2737936E 001	0.3862155E 001
18	0.2778	3.6000	0.1103928E 001	0.1209724E 001	0.1637708E 001
19	0.2632	3.8000	0.1934346E 001	0.2416885E 001	0.3095647E 001
20	0.2500	4.0000	0.19349761E 001	0.2287848E 001	0.3500784E 001
21	0.2381	4.2000	0.5722801E 001	0.2856420E 001	0.6396060E 001
22	0.2273	4.4000	0.1216220E 001	0.9587668E 000	0.1548685E 001
23	0.2174	4.6000	0.3838247E 001	0.1057975E 000	0.3839705E 001
24	0.2083	4.8000	0.8802767E 001	0.3612572E 001	0.8313741E 001
25	0.2000	5.0000	0.7436675E 000	0.1647009E 001	0.1807119E 001
26	0.1923	5.2000	0.4253534E 000	0.8618359E 000	0.9610856E 000
27	0.1852	5.4000	0.1057728E 001	0.1041722E 001	0.1484579E 001
28	0.1786	5.6000	0.1773849E 001	0.7714987E 000	0.1934360E 001
29	0.1724	5.8000	0.3893305E 000	0.1759365E 001	0.1801927E 001
30	0.1667	6.0000	0.4472457E 000	0.9198165E 000	0.1022786E 001

FOURIER ANALYSIS

REGRD=S=310 COMPONENT=N=S SIGNAL=GR,ACC. CORRECTION=ZERO,ARC STATION=HACHINOHE#9  
 DATE AN TIME=1968-06-12-22-42 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 9000 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 3400

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

N	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	0.5416494E 000	0.1033550E 000	0.5514558E 000
32	0.1562	6.4000	-0.2079307E 000	-0.1491743E 001	0.1506165E 001
33	0.1515	6.6000	-0.6822198E 000	0.3525593E 000	0.7589595E 000
34	0.1471	6.8000	-0.8171864E 000	-0.1152826E 001	0.1413082E 001
35	0.1429	7.0000	0.1123572E 001	-0.5603927E 000	0.1255569E 001
36	0.1389	7.2000	-0.5056207E-001	0.8684366E 000	0.8699069E 000
37	0.1351	7.4000	-0.2552734E-001	-0.3233846E 000	0.3245900E 000
38	0.1316	7.6000	-0.7071192E-001	0.1122938E 001	0.1125162E 001
39	0.1282	7.8000	-0.8732270E 000	0.6713795E 000	0.1101793E 001
40	0.1250	8.0000	-0.1486093E 000	-0.6819612E 000	0.6979655E 000
41	0.1220	8.2000	0.1961199E 000	0.1768329E-001	0.1969155E 000
42	0.1190	8.4000	0.4888940E-001	0.4489172E 000	0.4515715E 000
43	0.1163	8.6000	0.8425670E 000	0.5087049E-001	0.8441013E 000
44	0.1136	8.8000	-0.1917573E 000	0.1333200E 000	0.2335489E 000
45	0.1111	9.0000	-0.1024930E 000	-0.3504857E 000	0.3460139E 000
46	0.1087	9.2000	0.3079910E 000	-0.3768182E 000	0.4866728E 000
47	0.1064	9.4000	-0.1829615E 000	-0.2700034E 000	0.3261561E 000
48	0.1042	9.6000	0.7603264E-002	-0.4072802E 000	0.4073512E 000
49	0.1020	9.8000	-0.4534620E 000	0.1657496E 000	0.4828051E 000
50	0.1000	10.0000	-0.9479960E-001	-0.2969902E 000	0.3117533E 000

FOURIER ANALYSIS

RECORDS=510 COMPONENT=E-N SIGNAL=GR,ACC, CORRECTION=ARC,ERR, STATION=HACHINOHE=B  
 DATE AND TIME=1968-06-12-22-42 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 8950 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 3200

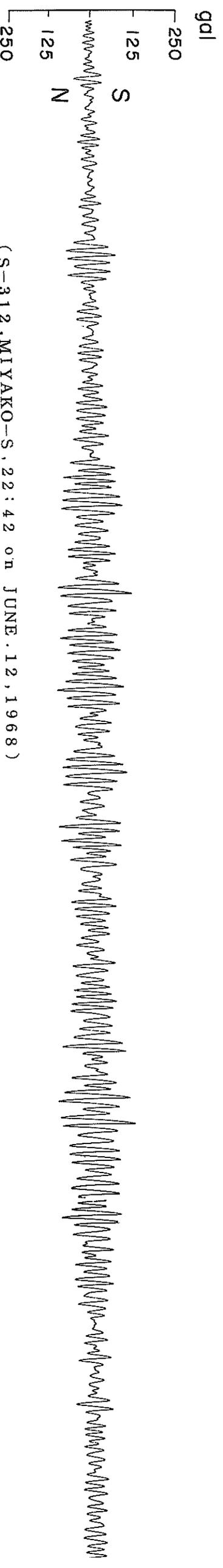
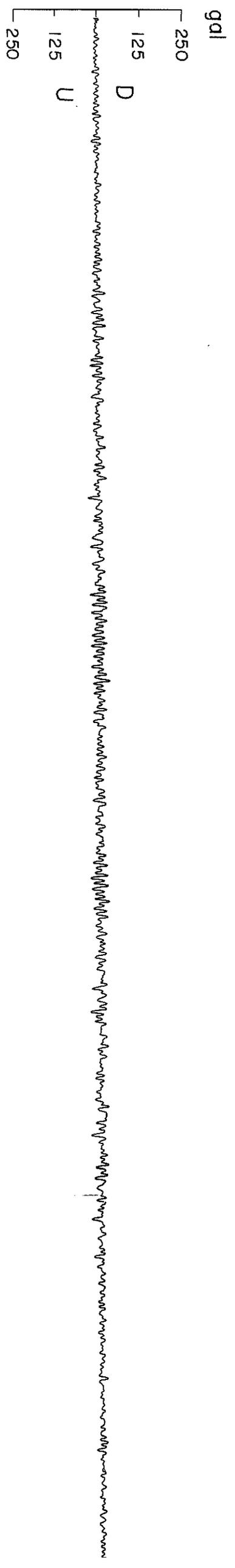
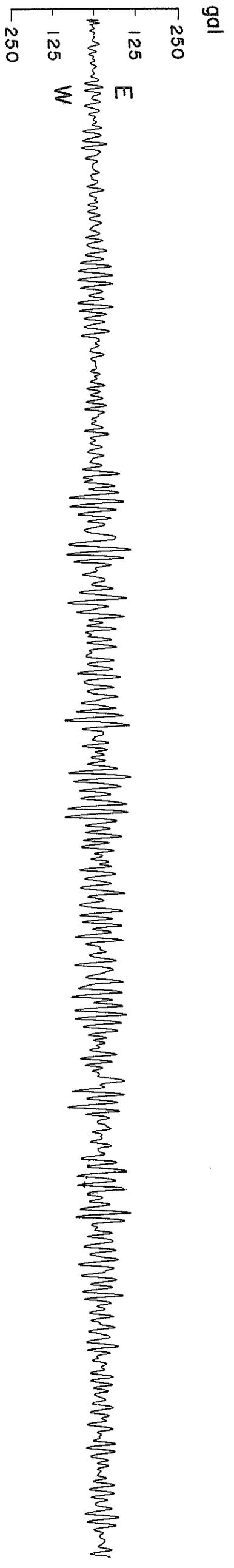
NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQ.	AM	BM	CM
1	5.0000	0.2000	0.9281815E 000	0.1269844E-001	0.92826682E 000
2	2.5000	0.4000	0.2781890E 000	0.6266189E 000	0.7131160E 000
3	1.6667	0.6000	0.1074791E 001	-0.1165793E 001	0.1585639E 001
4	1.2500	0.8000	0.1778415E 001	-0.3252725E 000	0.1807917E 001
5	1.0000	1.0000	-0.6065144E 001	0.4706557E 001	0.63000659E 001
6	0.8333	1.2000	0.1872164E 001	-0.6266637E 000	0.1985978E 001
7	0.7143	1.4000	-0.1702883E 001	0.7963959E 000	0.1879909E 001
8	0.6250	1.6000	-0.5297124E 000	0.1915828E 001	0.1943993E 001
9	0.5556	1.8000	0.1728768E 001	-0.1754411E 001	0.2463047E 001
10	0.5000	2.0000	0.4960741E 000	0.3267368E 001	0.3604813E 001
11	0.4545	2.2000	-0.2250031E 001	-0.3154883E 001	0.3875039E 001
12	0.4167	2.4000	0.2812695E 001	-0.3948986E 001	0.4848272E 001
13	0.3846	2.6000	0.2459547E 001	0.2778494E 001	0.3710715E 001
14	0.3571	2.8000	-0.1270020E 001	-0.4643334E 001	0.4813886E 001
15	0.3333	3.0000	-0.4039120E 000	0.2842835E 001	0.2871406E 001
16	0.3125	3.2000	-0.1019566E 001	-0.1614281E 001	0.1909298E 001
17	0.2941	3.4000	-0.3327375E 000	-0.2643803E 001	0.2664661E 001
18	0.2778	3.6000	-0.7698547E 000	-0.1990102E 001	0.1766664E 001
19	0.2632	3.8000	0.3330796E 000	0.2616900E 001	0.2339318E 001
20	0.2500	4.0000	0.1617651E 001	0.1238497E 001	0.1808336E 001
21	0.2381	4.2000	0.7623636E 000	-0.2747123E 000	0.8103488E 000
22	0.2273	4.4000	0.2101247E 001	-0.1215991E 001	0.226729E 001
23	0.2174	4.6000	-0.2520407E 001	-0.1985977E 001	0.3209443E 001
24	0.2083	4.8000	-0.1896957E 000	0.3673685E 001	0.3579014E 001
25	0.2000	5.0000	0.1291109E 001	-0.8001241E 000	0.1518934E 001
26	0.1923	5.2000	-0.6104804E 000	-0.3625453E-001	0.6113860E 000
27	0.1852	5.4000	-0.2059352E 000	0.1337192E 000	0.2455405E 000
28	0.1786	5.6000	0.1633305E 001	0.1148818E 001	0.1758662E 001
29	0.1724	5.8000	0.8216420E-001	0.5674267E-001	0.1023361E 000
30	0.1667	6.0000	0.5768346E 000	0.8442546E 000	0.1022499E 001

RECORD=S010 COMPONENT=E-W SIGNAL=GR,ACC, CORRECTION=ARC,ERR, STATION=HACHINOHE=S  
 DATE AND TIME=1968-06-12-22-42 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 8950 DATA USED # 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 3200

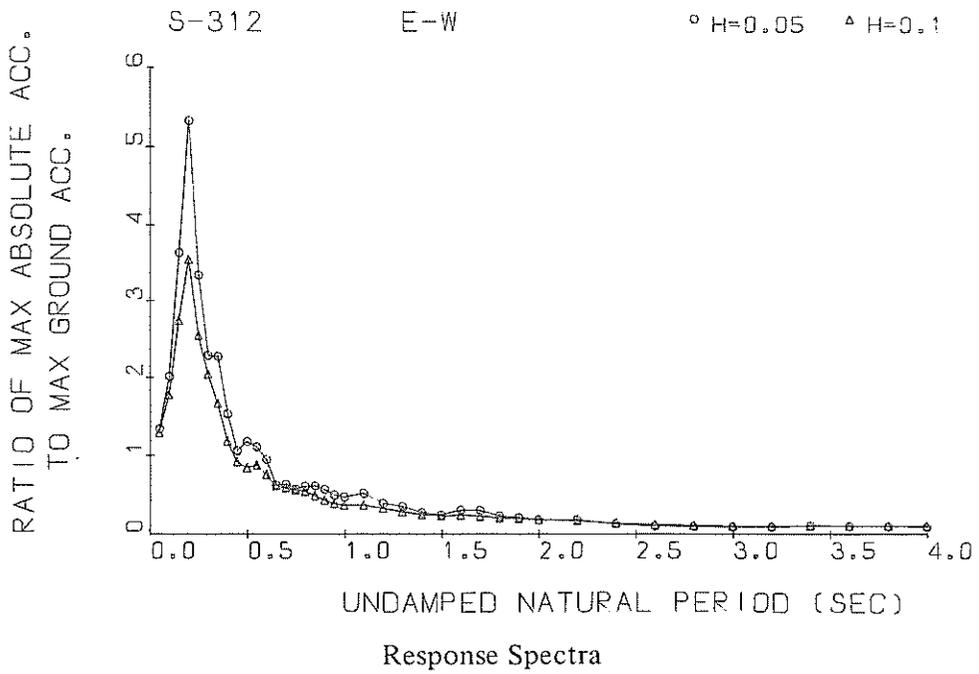
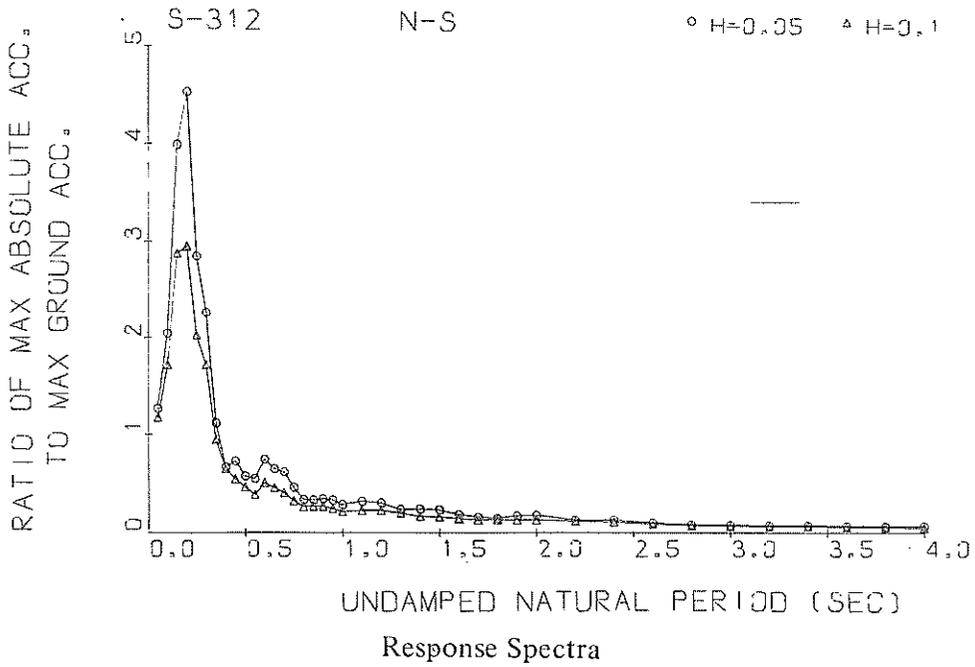
NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

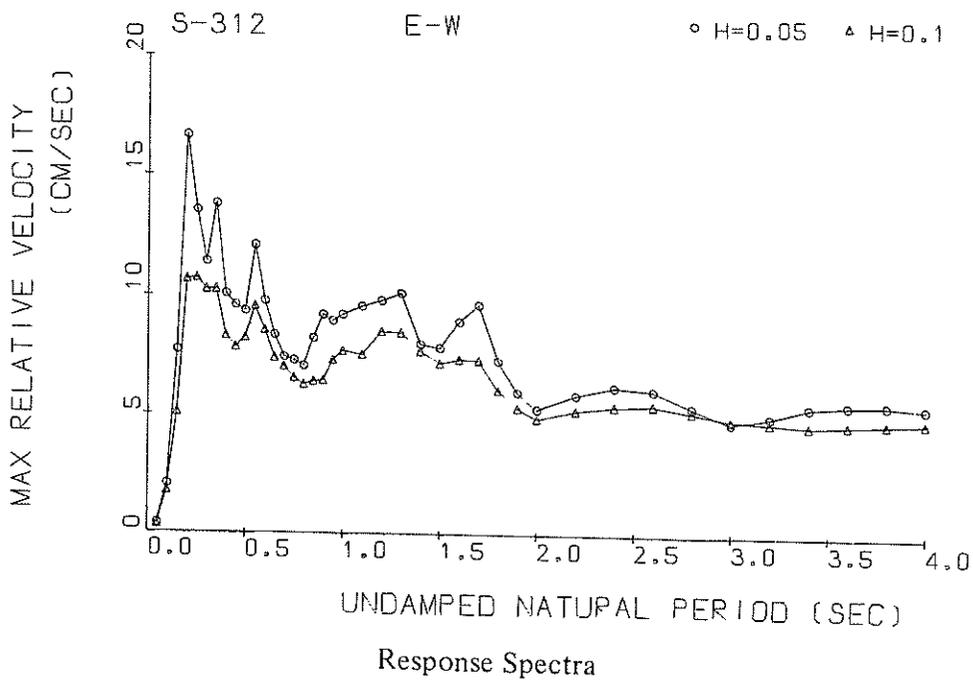
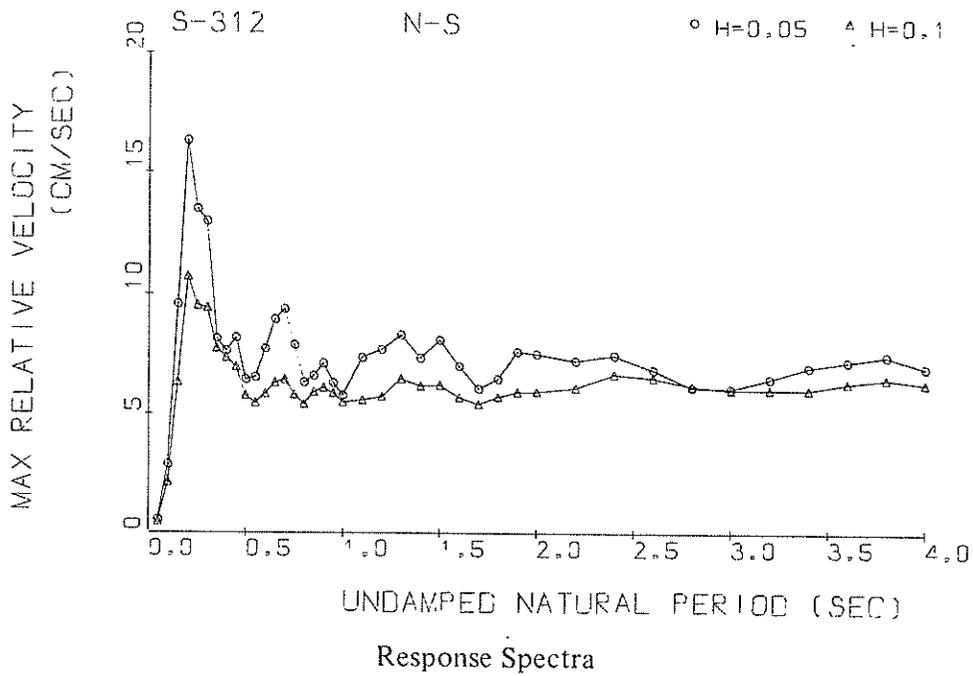
M	PERIOD	FREQU.	AM	SM	CM
31	0.1613	6.2000	-0.2858518E 000	-0.1935047E 000	0.3451888E 000
32	0.1562	6.4000	0.1478888E 000	0.8442327E-001	0.1702892E 000
33	0.1515	6.6000	0.1080596E 000	-0.8841455E 000	0.8907246E 000
34	0.1471	6.8000	0.9797356E 000	-0.1413419E 001	0.1719776E 001
35	0.1429	7.0000	0.7170057E-001	0.1159456E 000	0.1355596E 000
36	0.1389	7.2000	-0.2930871E 000	0.3000472E 000	0.4194382E 000
37	0.1351	7.4000	0.8635010E 000	-0.1028554E 001	0.1347316E 001
38	0.1316	7.6000	-0.1654581E 000	0.5115147E 000	0.5376092E 000
39	0.1282	7.8000	0.1165998E 001	-0.1292637E 001	0.1743050E 001
40	0.1250	8.0000	0.2359457E 000	0.513231E 000	0.5648613E 000
41	0.1220	8.2000	-0.8078287E 000	-0.3479789E 000	0.8795888E 000
42	0.1190	8.4000	0.5704259E 000	-0.1083409E 000	0.5806243E 000
43	0.1163	8.6000	-0.4346922E 000	-0.3255387E 000	0.5616371E 000
44	0.1136	8.8000	0.6757677E 000	0.1177388E 001	0.1357536E 001
45	0.1111	9.0000	-0.2073047E 000	-0.5682755E 000	0.6049068E 000
46	0.1087	9.2000	-0.3128864E 000	0.1435619E-001	0.3132160E 000
47	0.1064	9.4000	-0.6763007E-001	0.3103724E 000	0.3176565E 000
48	0.1042	9.6000	-0.9922128E-001	0.1032621E 000	0.1432058E 000
49	0.1020	9.8000	-0.4950284E 000	0.2813754E 000	0.5694078E 000
50	0.1000	10.0000	-0.4952696E 000	-0.3147779E 000	0.5851496E 000

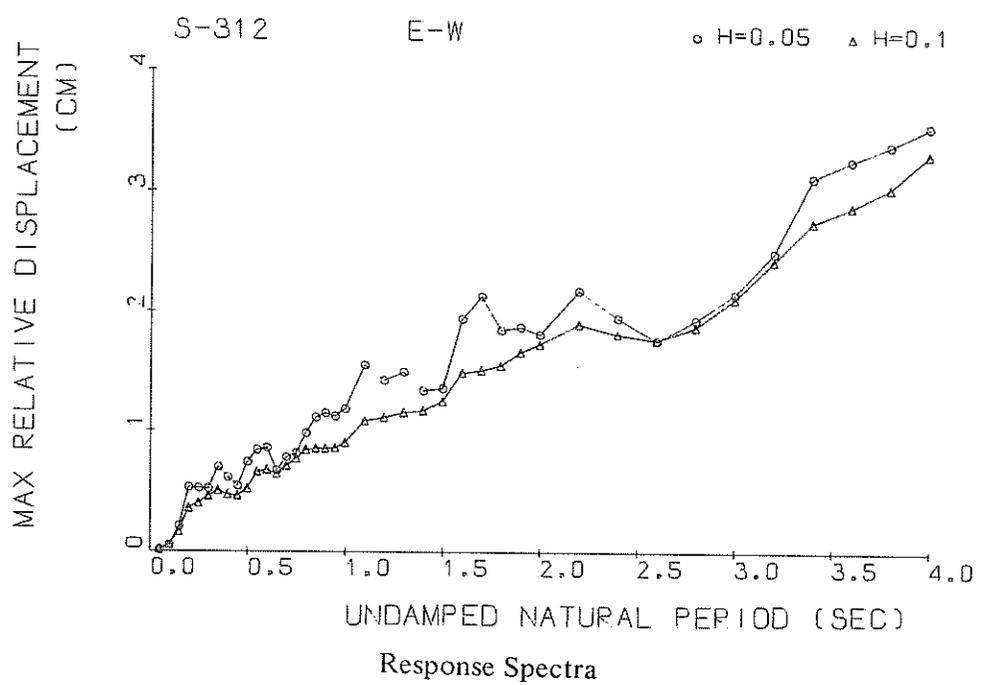
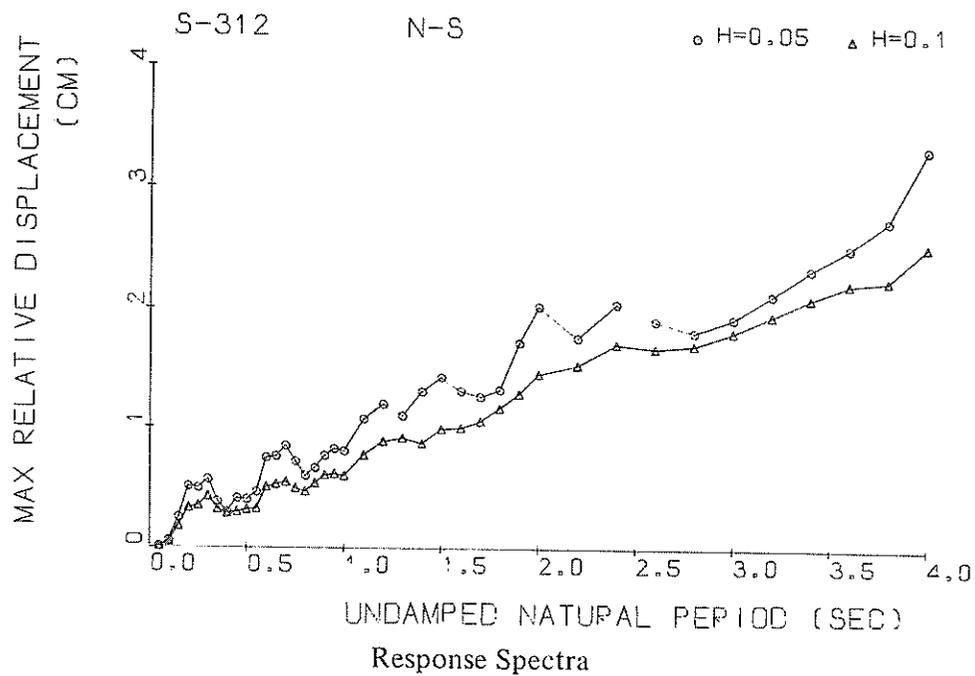


(S-312, MIYAKO-S, 22:42 on JUNE. 12, 1968)









RESPONSE SPECTRUM (BY PROC. ERS-SE-1)

RECORD = S-312 N-S 1968-06-12-22-42 1968-TOKACHIOKI  
 STATION = MIYAKOS INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = APC.ERR.  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 0. (SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 109.90(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.266	139.11	50.69	0.548	0.0088
0.100	2.046	224.89	153.88	2.868	0.0566
0.150	3.993	438.80	386.69	9.580	0.2504
0.200	4.534	498.24	521.62	16.311	0.5028
0.250	2.852	313.40	341.59	13.489	0.4906
0.300	2.260	248.35	328.02	13.000	0.5596
0.350	1.111	122.14	201.97	8.150	0.6781
0.400	0.659	72.45	162.17	7.642	0.2926
0.450	0.718	78.91	166.62	8.199	0.4006
0.500	0.565	62.05	145.62	6.409	0.5915
0.550	0.543	59.65	150.92	6.581	0.4531
0.600	0.741	81.40	147.85	7.763	0.7372
0.650	0.644	70.81	152.22	8.985	0.7499
0.700	0.615	67.56	159.84	9.427	0.8358
0.750	0.455	50.04	166.52	7.922	0.7051
0.800	0.534	66.71	121.00	6.658	0.5865
0.850	0.527	65.95	120.88	6.628	0.6517
0.900	0.539	67.23	121.09	7.141	0.7544
0.950	0.527	65.96	117.78	6.626	0.8119
1.000	0.285	31.37	110.40	5.817	0.7927
1.100	0.518	64.90	116.18	7.384	1.0638
1.200	0.502	63.19	109.31	7.726	1.1916
1.300	0.237	26.04	116.54	8.629	1.0957
1.400	0.240	26.42	110.22	7.659	1.2998
1.500	0.230	25.25	114.93	8.120	1.4226
1.600	0.188	20.63	122.56	7.018	1.6009
1.700	0.159	17.46	118.40	6.094	1.2618
1.800	0.149	16.35	112.78	6.503	1.3186
1.900	0.173	19.05	111.82	7.628	1.7231
2.000	0.183	20.12	120.18	7.522	2.0258
2.200	0.133	14.67	116.19	7.256	1.7669
2.400	0.131	14.41	112.23	7.492	2.0512
2.600	0.102	11.25	108.13	6.901	1.9095
2.800	0.085	9.34	109.16	6.172	1.8211
3.000	0.079	8.68	116.25	6.125	1.9362
3.200	0.077	8.45	112.62	6.566	2.1360
3.400	0.076	8.31	108.69	7.008	2.6542
3.600	0.073	8.06	107.22	7.250	2.5322
3.800	0.069	7.63	109.28	7.481	2.7567
4.000	0.076	8.33	111.46	7.000	3.6511

RESPONSE SPECTRUM (BY PROG. ERS-SE\*1)

RECORD = S-312 N=5 1968-06-12-22-42 1968-TOKACHIOKI  
 STATION = MIYAKO-S INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC.ERR.  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 0. (SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 109.90(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.020	1.175	129.17	41.76	0.509	0.0081
0.100	1.723	189.31	118.24	2.131	0.0473
0.120	2.889	317.45	200.29	6.359	0.1762
0.200	2.958	325.12	340.26	10.751	0.3253
0.220	2.031	223.26	287.86	9.557	0.3461
0.300	1.721	189.11	270.83	9.484	0.4187
0.320	0.950	104.37	184.05	7.768	0.3128
0.400	0.852	71.60	150.24	7.382	0.2795
0.420	0.248	80.20	149.91	7.006	0.2946
0.500	0.467	51.33	142.52	5.810	0.3117
0.520	0.090	42.84	137.19	5.503	0.3194
0.600	0.211	56.20	129.97	5.897	0.4948
0.620	0.460	50.57	128.41	6.369	0.5193
0.700	0.410	45.07	125.45	6.488	0.5398
0.720	0.328	36.01	119.90	5.853	0.4883
0.800	0.273	29.96	113.49	5.451	0.4633
0.820	0.275	30.25	113.47	5.971	0.5314
0.900	0.274	30.14	113.47	6.145	0.5968
0.920	0.253	27.75	113.99	5.918	0.6072
1.000	0.224	24.53	110.67	5.536	0.5906
1.100	0.233	25.97	104.29	5.633	0.7646
1.200	0.234	25.74	100.80	5.789	0.8809
1.300	0.207	22.70	100.89	6.521	0.9110
1.400	0.173	18.97	107.41	6.230	0.8668
1.500	0.166	18.20	111.27	6.270	0.9889
1.600	0.151	16.34	113.47	5.764	0.9978
1.700	0.140	15.40	113.33	5.475	1.0562
1.800	0.133	15.21	113.66	5.795	1.1667
1.900	0.136	14.94	113.77	6.004	1.2902
2.000	0.134	14.69	113.65	6.014	1.4572
2.200	0.122	13.39	114.88	6.181	1.5335
2.400	0.116	12.79	111.82	6.732	1.7191
2.600	0.097	10.69	109.89	6.580	1.6835
2.800	0.081	8.95	109.95	6.236	1.7105
3.000	0.075	8.40	111.24	6.099	1.8205
3.200	0.073	8.06	111.00	6.092	1.9611
3.400	0.071	7.79	109.59	6.091	2.1071
3.600	0.068	7.50	108.90	6.357	2.2333
3.800	0.063	6.97	109.44	6.535	2.2624
4.000	0.061	6.58	110.21	6.336	2.5468

RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

RECORD = S-512      E-W      1958-06-12-22-42      1968-FUKACHIOKI  
 STATION = MIYAKO-S      INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ZERO.ARC  
 TIME LENGTH = 35.000(SEC)      SKIPPED LENGTH = 0.      (SEC)  
 DAMPING COEFFICIENT = 0.050      MAX.GROUND ACC.= 97.57(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.070	1.033	130.04	39.78	0.394	0.0082
0.100	2.005	195.60	114.48	2.032	0.0496
0.120	3.029	354.07	302.66	7.716	0.2010
0.200	5.022	519.27	532.97	16.630	0.2183
0.250	3.037	325.55	390.91	13.541	0.5100
0.300	2.285	222.96	290.36	11.430	0.5060
0.320	2.271	221.60	316.08	13.824	0.6824
0.400	1.522	148.48	200.56	10.121	0.5981
0.420	1.056	103.03	171.94	9.649	0.5267
0.500	1.178	114.95	170.11	9.412	0.7230
0.550	1.107	107.99	148.62	12.128	0.8241
0.600	0.950	92.73	151.13	9.829	0.8411
0.620	0.631	61.52	124.25	8.405	0.6539
0.700	0.636	62.10	127.51	7.487	0.7650
0.720	0.576	56.22	122.00	7.330	0.7958
0.800	0.614	59.93	131.04	7.117	0.9636
0.820	0.617	60.22	128.85	8.285	1.0951
0.900	0.571	55.68	118.91	9.264	1.1317
0.920	0.500	46.76	115.22	9.000	1.1069
1.000	0.477	46.50	117.98	9.257	1.1703
1.100	0.522	50.90	130.28	9.618	1.5416
1.200	0.599	58.97	110.50	9.853	1.4154
1.300	0.558	54.89	107.13	10.158	1.4873
1.400	0.273	27.12	105.97	8.029	1.3290
1.500	0.245	23.92	106.31	7.856	1.3473
1.600	0.308	30.04	110.38	6.940	1.9367
1.700	0.303	29.56	110.48	9.661	2.1248
1.800	0.233	22.75	111.65	7.331	1.8405
1.900	0.214	20.83	113.33	6.003	1.8669
2.000	0.187	18.23	107.39	5.291	1.8047
2.200	0.186	18.17	108.05	5.876	2.1706
2.400	0.137	13.41	103.08	6.255	1.9394
2.600	0.106	10.38	100.00	6.114	1.7496
2.800	0.104	10.13	100.14	5.401	1.9231
3.000	0.097	9.51	98.58	4.768	2.1429
3.200	0.099	9.69	97.54	5.012	2.4881
3.400	0.110	10.77	96.20	5.418	3.1111
3.600	0.102	9.95	97.38	5.519	3.2516
3.800	0.098	9.54	99.39	5.540	3.3794
4.000	0.093	9.09	99.05	5.418	3.5368

RESPONSE SPECTRUM (BY PRUG, ERS-SE-1)

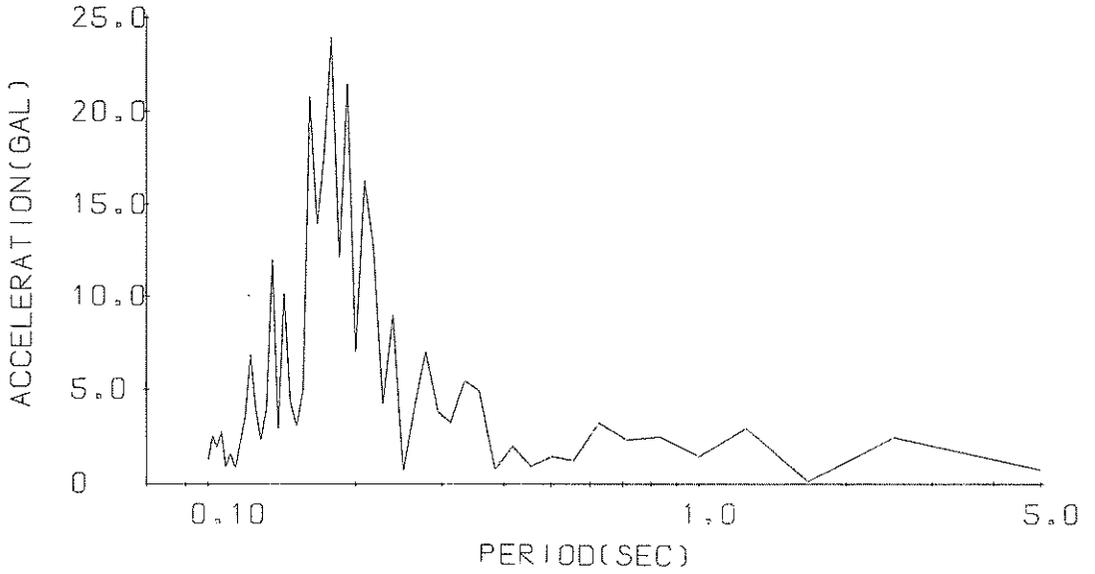
RECORD = S-312      E=W      1968-06-12-22-42      1968-TOKACHIOKI  
 STATION = MIYAKO-S      INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ZERO.ARC  
 TIME LENGTH = 35.000(SEC)      SKIPPED LENGTH = 0. (SEC)  
 DAMPING COEFFICIENT = 0.100      MAX.GROUND ACC.= 97.57(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.289	125.77	50.14	0.364	
0.100	1.774	173.09	90.48	1.757	0.0079
0.150	2.737	267.01	201.75	5.110	0.0435
0.200	3.546	346.00	349.75	10.697	0.1510
0.250	2.543	248.12	319.48	10.750	0.3440
					0.3837
0.300	2.038	198.81	259.59	10.289	
0.350	1.659	161.83	250.25	10.285	0.4419
0.400	1.180	115.16	185.84	8.347	0.4869
0.450	0.912	89.02	156.89	7.871	0.4532
0.500	0.838	81.74	149.49	8.285	0.4427
					0.4981
0.550	0.871	85.02	131.58	9.598	
0.600	0.750	73.18	120.64	8.587	0.6399
0.650	0.609	59.46	115.14	7.436	0.6558
0.700	0.581	56.69	115.63	7.052	0.6238
0.750	0.553	54.00	117.17	6.580	0.6873
					0.7496
0.800	0.537	52.39	119.64	6.308	
0.850	0.484	47.25	117.96	6.440	0.8226
0.900	0.425	41.45	111.97	6.496	0.8312
0.950	0.383	37.32	107.46	7.344	0.8336
1.000	0.363	35.41	108.74	7.740	0.8388
					0.8806
1.100	0.365	35.63	112.75	7.592	
1.200	0.326	31.80	106.66	6.574	1.0654
1.300	0.280	27.32	102.35	8.536	1.0925
1.400	0.248	24.16	101.27	7.757	1.1366
1.500	0.232	22.60	100.29	7.253	1.1504
					1.2280
1.600	0.241	23.48	100.50	7.410	
1.700	0.223	21.79	100.57	7.385	1.4711
1.800	0.207	20.17	107.20	6.117	1.4945
1.900	0.195	19.07	107.31	5.675	1.5340
2.000	0.186	18.12	100.67	4.926	1.6457
					1.7133
2.200	0.171	16.73	105.72	5.278	
2.400	0.141	13.75	100.06	5.459	1.8835
2.600	0.118	11.53	100.86	5.515	1.7976
2.800	0.109	10.63	100.00	5.268	1.7468
3.000	0.098	9.60	99.00	4.906	1.8596
					2.0959
3.200	0.098	9.58	98.13	4.802	
3.400	0.100	9.72	97.61	4.668	2.4094
3.600	0.094	9.21	97.91	4.720	2.7333
3.800	0.093	9.10	98.49	4.781	2.8660
4.000	0.092	9.01	98.46	4.828	3.0193
					3.3017

S-312 N-S

TSK=9.50

TUS=5.00

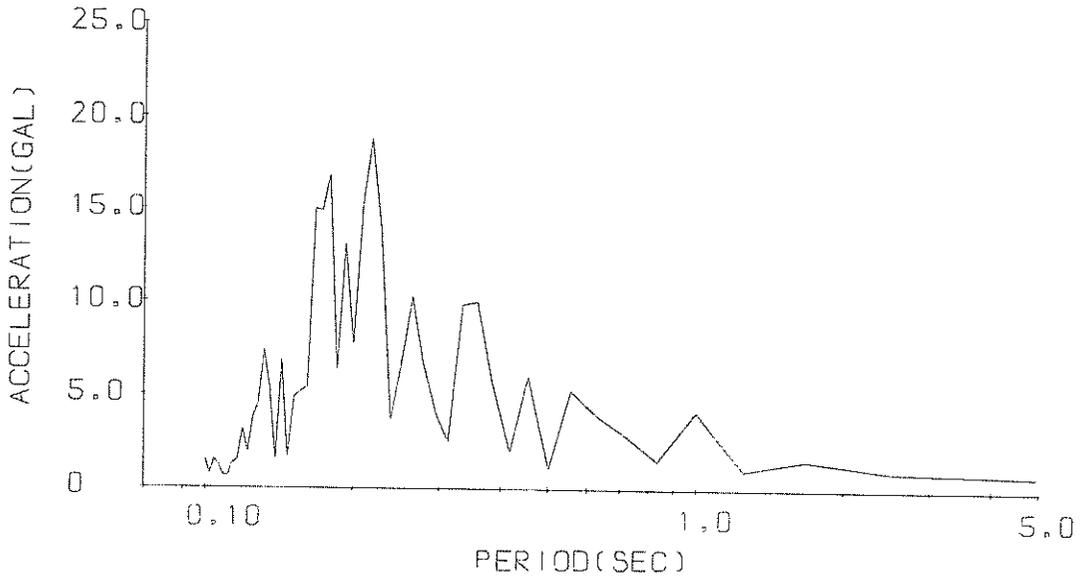


Fourier Spectrum

S-312 E-W

TSK=9.50

TUS=5.00



Fourier Spectrum

F U R I E R   A N A L Y S I S

RECORD=S-012                    COMPONENT=N-S                    SIGNAL=GR,ACC.                    STATION=MIYAKO-S  
 DATE AND TIME=1968-06-12-22-42                    EARTHQUAKE=1968-TOKACHIOKI                    CURRECTION=ARC,ERR.                    SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 5550                    DATA USED = 501                    TIME LENGTH = 5.000(SEC)                    MMIN = 1                    MMAX = 50  
 DATA SKIPPED = 950

NOTE    AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQ.	AM	BM	CM
1	5.0000	0.2000	-0.6929740E 000	-0.2823046E 000	0.7482708E 000
2	2.5000	0.4000	-0.1541350E 000	-0.2461611E 001	0.2465263E 001
3	1.6667	0.6000	0.3089504E -001	-0.1523817E 001	0.1562307E 000
4	1.2500	0.8000	-0.2938763E 001	-0.6373304E -001	0.2939454E 001
5	1.0000	1.0000	-0.8986925E 000	0.1185526E 001	0.1465233E 001
6	0.8000	1.2500	-0.1438941E 001	-0.2055204E 001	0.2493326E 001
7	0.7143	1.4000	-0.1755707E 001	0.1227696E 001	0.2527308E 001
8	0.6250	1.6000	0.9418700E 001	0.5813186E -001	0.5219222E 001
9	0.5556	1.8000	0.8595971E 000	-0.9173140E 000	0.1256773E 001
10	0.5000	2.0000	0.2919255E 000	-0.1435803E 001	0.1466159E 001
11	0.4545	2.2000	0.8434352E 000	0.4469436E 000	0.9545374E 000
12	0.4167	2.4000	-0.1567852E 001	-0.1255532E 001	0.2008611E 001
13	0.3846	2.6000	0.6620906E 000	0.4454556E 000	0.7979941E 000
14	0.3571	2.8000	0.3449285E 001	0.3493304E 001	0.4909250E 001
15	0.3333	3.0000	-0.2142895E 001	0.5005980E 001	0.5448108E 001
16	0.3125	3.2000	-0.5239629E 001	-0.2072337E 000	0.5246250E 001
17	0.2941	3.4000	-0.2742225E 001	-0.2669647E 001	0.3827115E 001
18	0.2778	3.6000	-0.6684035E 001	-0.2142107E 001	0.7018899E 001
19	0.2632	3.8000	-0.2465287E 001	-0.5161740E 001	0.4025244E 001
20	0.2500	4.0000	-0.6964366E 000	0.1429009E 000	0.7109430E 000
21	0.2381	4.2000	-0.5127756E 001	0.8443120E 001	0.9001027E 001
22	0.2276	4.4000	-0.4556881E 000	-0.4207711E 001	0.4225355E 001
23	0.2174	4.6000	-0.1245826E 002	0.2465507E 001	0.1269428E 002
24	0.2083	4.8000	0.1623652E 002	-0.1755233E 001	0.1632792E 002
25	0.2000	5.0000	0.4871875E 001	-0.4993100E 001	0.6978265E 001
26	0.1923	5.2000	0.1486365E 001	0.2145863E 002	0.2152002E 002
27	0.1852	5.4000	0.2175060E 001	-0.1193594E 002	0.1210299E 002
28	0.1786	5.6000	0.7629828E 000	-0.2694769E 002	0.2695890E 002
29	0.1724	5.8000	-0.2509618E 001	0.1765380E 002	0.1783128E 002
30	0.1667	6.0000	-0.10104954E 002	0.92833595E 001	0.1588995E 002

FOURIER ANALYSIS

F0000=S-012  
 DATE AND TIME=1968-06-12-22-42  
 TOTAL NUMBER OF DATA=3550  
 DATA SKIPPED = 950  
 COMPONENT=N-S  
 EARTHQUAKE=1968-TOKACHIOKI  
 SIGNAL=EUR.ACC.  
 STATION=MIYAKO-S  
 CURRECTION=ARC.ERR,  
 SAMPLING INTERVAL=0.0100(SEC)  
 DATA USED = 501  
 TIME LENGTH = 5.000(SEC)  
 MMIN = 1  
 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(WRT).  
 BM IS AMPLITUDE OF SIN(WRT).  
 CM=(AM\*\*2+BN\*\*2)\*\*0.5

M	PERIOD	FRF00	AM	BM	CM
31	0.1613	6.2000	-0.6898062E 001	0.1965569E 002	0.2084013E 002
32	0.1502	6.4000	0.4977559E 001	0.2273111E 000	0.5005475E 001
33	0.1515	6.6000	0.6035304E 001	-0.5193610E 000	0.3079501E 001
34	0.1471	6.8000	-0.8711854E 000	-0.4328066E 001	0.4414875E 001
35	0.1429	7.0000	0.7701059E 001	-0.6647105E 001	0.1017802E 002
36	0.1389	7.2000	-0.5570421E 000	0.2907054E 001	0.2959942E 001
37	0.1351	7.4000	0.1118768E 002	0.4224366E 001	0.1202155E 002
38	0.1316	7.6000	0.5057958E 001	0.2614455E 001	0.4023243E 001
39	0.1282	7.8000	-0.6881859E 000	-0.2238417E 001	0.2541818E 001
40	0.1250	8.0000	-0.5486021E 001	0.2182960E 001	0.4116108E 001
41	0.1220	8.2000	0.5879405E 001	-0.3513597E 001	0.6847749E 001
42	0.1190	8.4000	0.2265124E 001	-0.2751955E 001	0.8566001E 001
43	0.1165	8.6000	0.1241580E 001	-0.1815007E 001	0.2199864E 001
44	0.1136	8.8000	0.5755470E 000	0.6991075E 000	0.9055414E 000
45	0.1111	9.0000	0.1616150E 001	0.2517632E 000	0.1632712E 001
46	0.1087	9.2000	-0.2972395E 000	-0.8897895E 000	0.9683138E 000
47	0.1064	9.4000	0.1480052E 001	-0.2674575E 001	0.2798064E 001
48	0.1042	9.6000	-0.1795946E 001	0.8521417E 000	0.1980627E 001
49	0.1020	9.8000	0.2567793E 001	0.1041062E 001	0.2559118E 001
50	0.1000	10.0000	-0.5166130E 000	-0.1423222E 001	0.1632331E 001

FOURIER ANALYSIS

RECORD=3-312 COMPONENT=E-W SIGNAL=GR,ACC. STATION=MIYAKO-S  
 DATE AND TIME=1968-06-12-22-42 EAST:UWAKE=1908-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 550 DATA USED= 501 TIME LENGTH = 5.00J(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 950

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

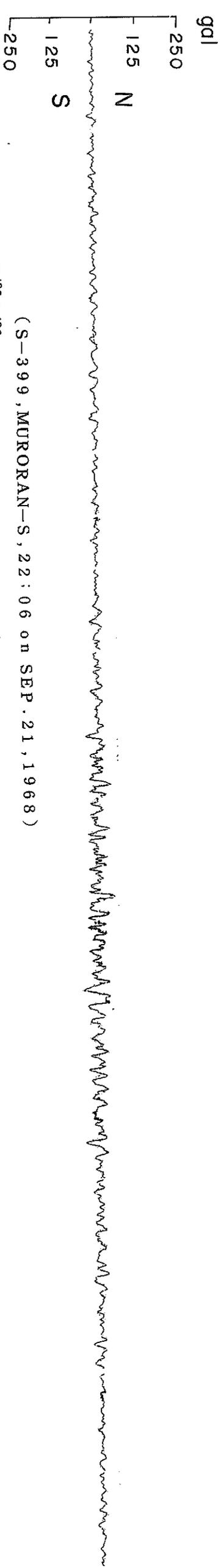
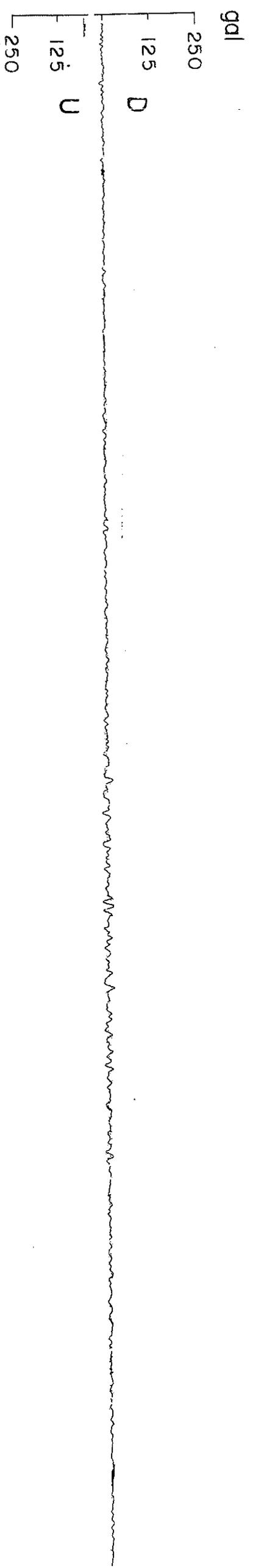
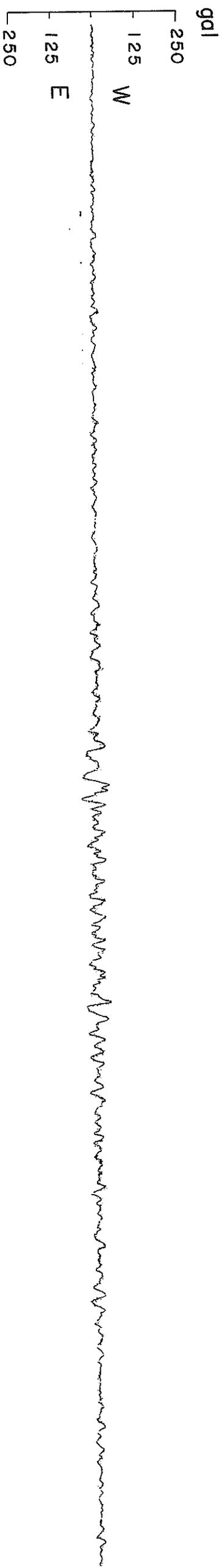
M	PERIOD	FREQU.	AM	FM	CM
1	5.0000	0.2000	0.7628745E 000	0.3004464E 000	0.8199047E 000
2	2.5000	0.4000	0.59416021E 000	0.36637868E 000	0.1009228E 001
3	1.6667	0.6000	0.4491366E 000	0.1261194E 001	0.1624515E 001
4	1.2500	0.8000	-0.59716224E 000	-0.5247886E 000	0.1034159E 001
5	1.0000	1.0000	0.2981625E 001	-0.2964666E 001	0.4204657E 001
6	0.8333	1.2000	0.2101667E-002	-0.1243916E 001	0.1548921E 001
7	0.7143	1.4000	0.2594062E 001	0.1429506E 001	0.2961838E 001
8	0.6250	1.6000	0.1061229E 001	-0.3663210E 001	0.3983182E 001
9	0.5556	1.8000	-0.2611106E 001	-0.2556896E 000	0.5287602E 001
10	0.5000	2.0000	-0.116618E 001	0.2662061E 000	0.1157692E 001
11	0.4545	2.2000	0.6082097E 001	0.1912062E 000	0.6035127E 001
12	0.4167	2.4000	0.1211128E 001	-0.1642462E 001	0.2046147E 001
13	0.3846	2.6000	0.2617466E 001	-0.6605322E 000	0.5656144E 001
14	0.3571	2.8000	0.1001420E 002	0.2203151E 000	0.1001762E 002
15	0.3333	3.0000	-0.9770150E 001	0.1139227E 001	0.9836353E 001
16	0.3125	3.2000	-0.2246106E 000	-0.2494699E 001	0.2555765E 001
17	0.2941	3.4000	-0.2669287E 001	0.3112158E 001	0.4100076E 001
18	0.2778	3.6000	-0.4612555E 001	-0.4875166E 001	0.6714189E 001
19	0.2632	3.8000	0.8716597E 001	-0.5461902E 001	0.1028647E 002
20	0.2500	4.0000	-0.4266486E 001	0.4971171E 001	0.6548275E 001
21	0.2381	4.2000	0.6222281E 001	-0.1901000E 001	0.3741242E 001
22	0.2273	4.4000	0.1625742E 002	-0.4311295E 001	0.1694082E 002
23	0.2174	4.6000	-0.1139165E 002	-0.1497203E 002	0.1524051E 002
24	0.2083	4.8000	0.1120840E 002	0.4423988E 001	0.7776955E 001
25	0.2000	5.0000	-0.6696042E 001	0.7755176E-002	0.1308711E 002
26	0.1923	5.2000	-0.1608711E 002	0.8175094E 000	0.6421319E 001
27	0.1852	5.4000	-0.6669036E 001	-0.1662087E 000	0.1686086E 002
28	0.1786	5.6000	0.2652784E 001	0.1427490E 002	0.1491894E 002
29	0.1724	5.8000	-0.4666150E 001	-0.3962008E 001	0.1500812E 002
30	0.1667	6.0000	-0.1447488E 002		

FOURIER ANALYSIS

RECORD=S-012 COMPONENT=E-W SIGNAL=GR.ACC. CURREGION=ZERO,ARC STATION=MIYAKO-S  
 DATE AND TIME=1968-06-12-22-42 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 5550  
 DATA SKIPPED = 950 DATA USED = 501 TIME LENGTH = 3.000(SEC) MMIN = 1 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

N	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	-0.2738946E 001	0.4673820E 001	0.5421548E 001
32	0.1562	6.4000	-0.2436921E 001	-0.4605751E 001	0.5210712E 001
33	0.1515	6.6000	0.4382696E 001	0.1683840E 001	0.4882255E 001
34	0.1471	6.8000	-0.1262506E 001	0.1201492E 001	0.1742842E 001
35	0.1429	7.0000	0.6815246E 001	-0.5823605E 000	0.6838388E 001
36	0.1389	7.2000	-0.1205818E 001	0.1113464E 001	0.1641260E 001
37	0.1351	7.4000	-0.2950329E 001	0.4480416E 001	0.5364566E 001
38	0.1316	7.6000	-0.3560826E 001	0.6207549E 001	0.7403705E 001
39	0.1282	7.8000	0.4077237E 001	0.1950125E 001	0.4219606E 001
40	0.1250	8.0000	-0.2900996E 001	-0.2544569E 001	0.3858836E 001
41	0.1220	8.2000	-0.1967258E 001	0.3877122E 000	0.2005100E 001
42	0.1190	8.4000	0.1486090E 001	0.2864826E 001	0.3199341E 001
43	0.1163	8.6000	0.1444118E 001	0.5141267E 000	0.1532907E 001
44	0.1136	8.8000	0.9246298E 000	0.9765266E 000	0.1663125E 001
45	0.1111	9.0000	0.6288065E 000	0.1960740E 000	0.6286671E 000
46	0.1087	9.2000	-0.6322611E 000	0.3253452E 000	0.7137269E 000
47	0.1064	9.4000	-0.1198804E 001	-0.4430287E 000	0.1278047E 001
48	0.1042	9.6000	0.1419926E 001	-0.5905517E 000	0.1537834E 001
49	0.1020	9.8000	0.772630E 000	-0.2002769E 000	0.8027258E 000
50	0.1000	10.0000	-0.1420611E 001	0.6464165E 000	0.1560491E 001



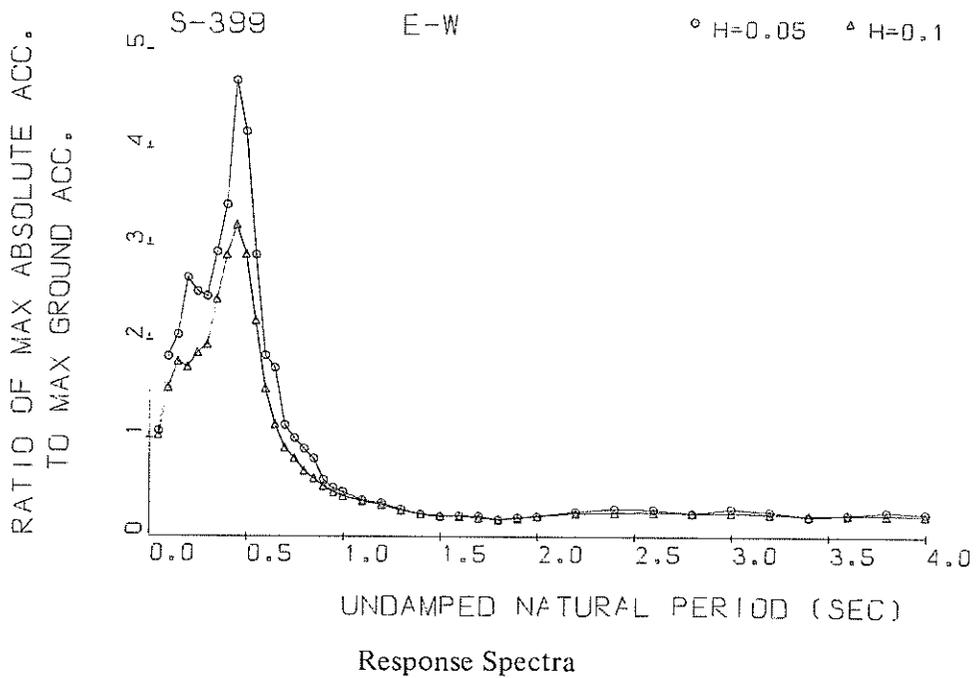
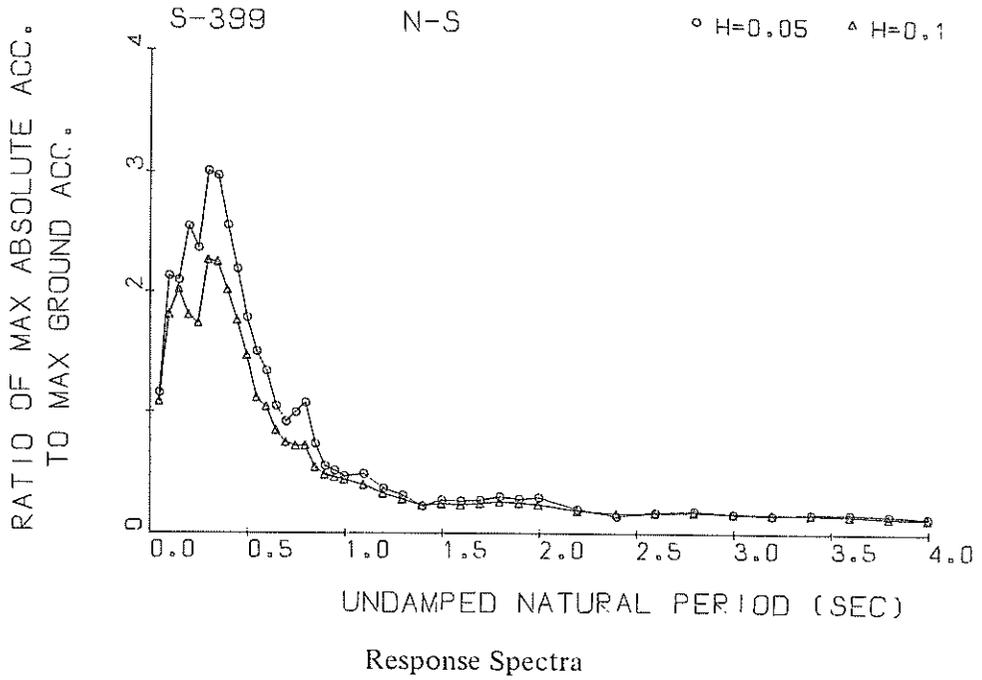
(S-399, MURORAN-S, 22:06 on SEP. 21, 1968)

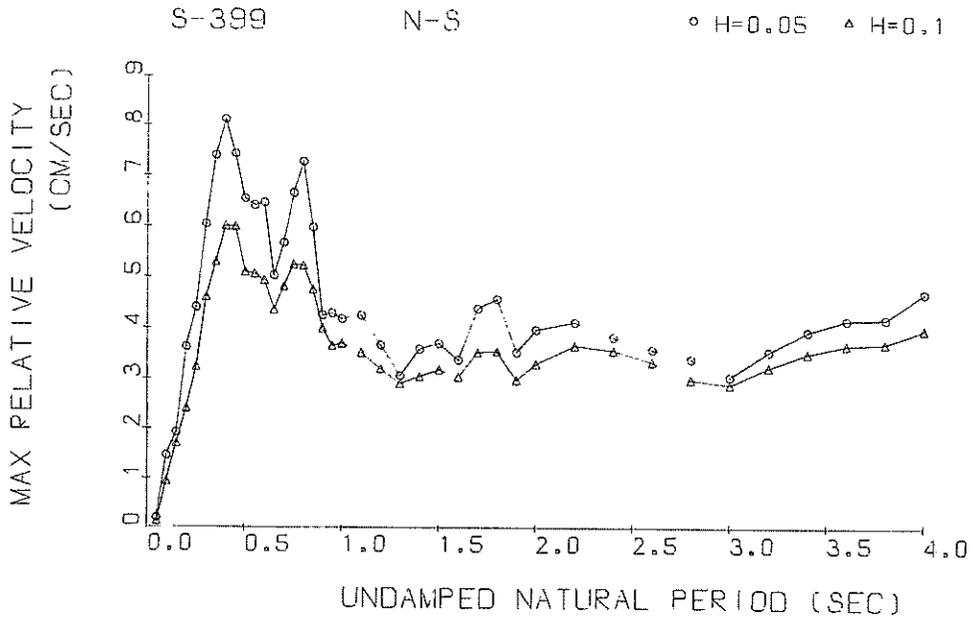
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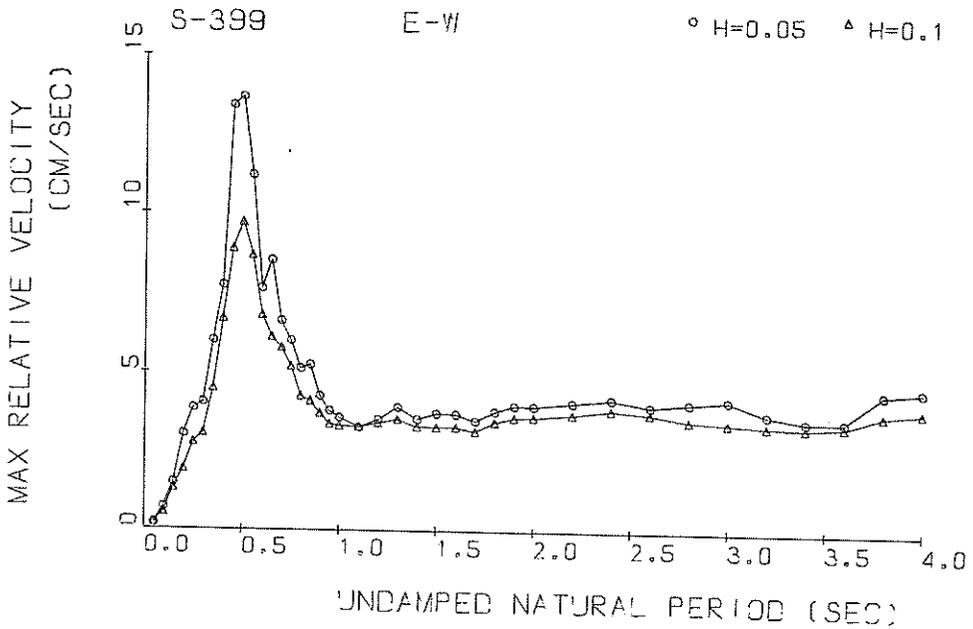
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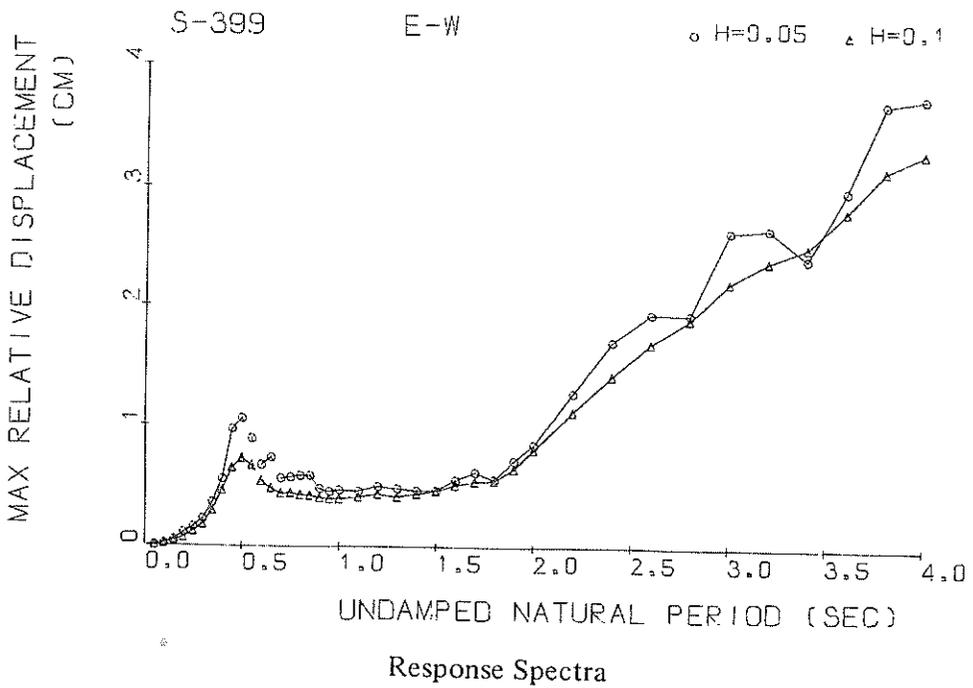
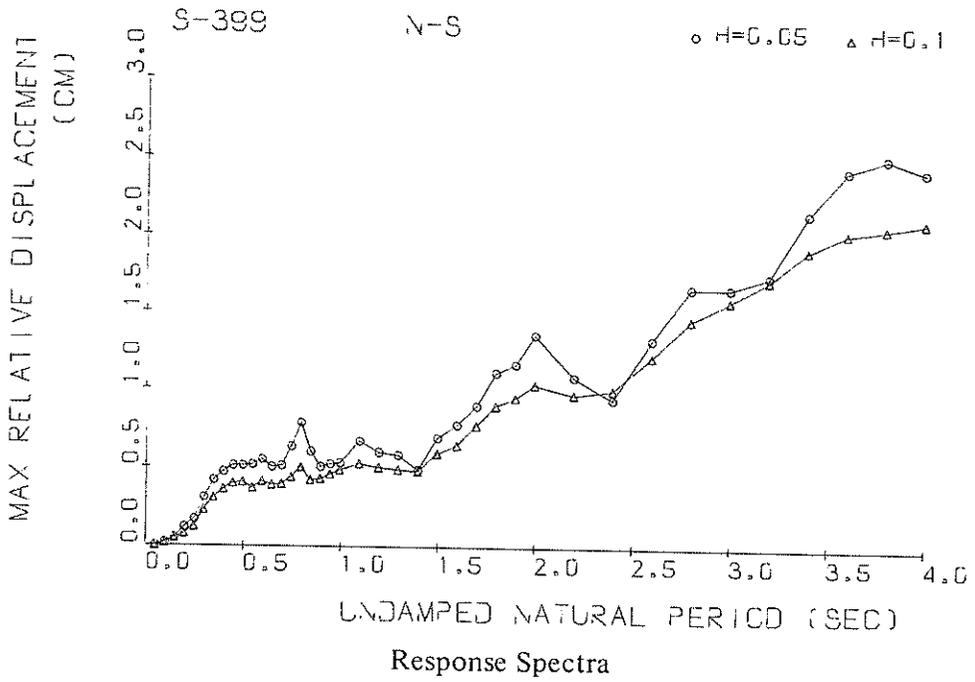




Response Spectra



Response Spectra



RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-399      N-S      1968-09-21-22-00      1968-TOKACHIOKI  
 STATION = MURURAN-S      INPUT SIGNAL = GR.ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ARC.ERR.  
 TIME LENGTH = 19.990(SEC)      SKIPPED LENGTH = 12.000(SEC)  
 DAMPING COEFFICIENT = 0.050      MAX.GROUND ACC.= 45.90(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINÉ)	RELATIVE DISPLACÉ (CM)
0.050	1.154	52.97	16.83	0.195	0.0033
0.100	2.131	97.81	91.61	1.456	0.0247
0.150	2.095	96.18	79.82	1.925	0.0546
0.200	2.254	117.24	124.21	3.636	0.1180
0.250	2.374	108.97	116.98	4.408	0.1720
0.300	3.007	138.04	122.34	6.050	0.3125
0.350	2.971	136.35	133.95	7.401	0.4209
0.400	2.261	117.55	141.68	8.125	0.4734
0.450	2.188	100.43	112.83	7.438	0.5130
0.500	1.781	81.77	109.58	6.556	0.5136
0.550	1.495	68.62	84.15	6.428	0.5226
0.600	1.336	61.31	90.13	6.482	0.5550
0.650	1.044	47.94	75.84	5.041	0.5090
0.700	0.915	41.98	68.40	5.690	0.5178
0.750	0.987	45.32	75.95	6.667	0.6410
0.800	1.069	49.07	76.35	7.285	0.7892
0.850	0.727	33.35	71.68	5.979	0.6059
0.900	0.544	24.99	67.33	4.257	0.5101
0.950	0.504	23.15	59.49	4.295	0.5265
1.000	0.461	21.15	55.05	4.189	0.5329
1.100	0.480	22.04	56.59	4.260	0.6710
1.200	0.365	16.74	56.30	3.680	0.6024
1.300	0.304	13.98	59.19	3.074	0.5864
1.400	0.219	10.05	54.73	3.607	0.4916
1.500	0.268	12.32	50.64	3.716	0.6970
1.600	0.263	12.08	47.73	3.393	0.7795
1.700	0.271	12.43	43.61	4.402	0.9037
1.800	0.300	13.79	44.41	4.588	1.1169
1.900	0.283	13.00	47.08	3.541	1.1728
2.000	0.296	13.57	45.10	3.982	1.3649
2.200	0.196	8.99	48.34	4.140	1.0916
2.400	0.143	6.57	49.56	3.846	0.9435
2.600	0.172	7.89	50.36	3.606	1.3345
2.800	0.185	8.50	50.55	3.418	1.6721
3.000	0.162	7.45	49.62	3.063	1.6738
3.200	0.150	6.87	48.19	3.562	1.7564
3.400	0.164	7.51	47.17	3.966	2.1679
3.600	0.163	7.50	47.00	4.187	2.4510
3.800	0.152	6.98	47.61	4.205	2.5339
4.000	0.135	6.18	48.58	4.724	2.4523

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-399 N-S 1968-09-21-22-06 1968-TOKACHI0KI  
 STATION = MUKURAN-S INPUT SIGNAL = GR,ACC,  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC,ERR,  
 TIME LENGTH = 20.000(SEC) SKIPPED LENGTH = 12.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 45.90(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.083	49.70	12.94	0.143	0.0031
0.100	1.803	82.78	55.19	0.966	0.0207
0.150	2.019	92.67	60.71	1.726	0.0526
0.200	1.805	82.87	83.26	2.428	0.0828
0.250	1.736	79.67	81.07	3.259	0.1252
0.300	2.266	103.99	89.34	4.636	0.2332
0.350	2.247	103.12	100.66	5.328	0.3141
0.400	2.013	92.39	108.67	6.028	0.3678
0.450	1.756	80.62	91.76	6.008	0.4063
0.500	1.463	67.15	93.68	5.116	0.4143
0.550	1.111	51.01	73.34	5.080	0.3808
0.600	1.039	47.67	75.61	4.952	0.4208
0.650	0.844	38.75	67.60	4.371	0.4006
0.700	0.742	34.06	63.32	4.828	0.4070
0.750	0.712	32.67	62.54	5.264	0.4493
0.800	0.713	32.73	60.43	5.244	0.5106
0.850	0.531	24.39	59.73	4.774	0.4295
0.900	0.473	21.73	59.82	4.011	0.4364
0.950	0.455	20.88	57.19	3.676	0.4672
1.000	0.434	19.92	54.82	3.727	0.4936
1.100	0.389	17.85	53.32	3.545	0.5336
1.200	0.321	14.75	54.46	3.232	0.5104
1.300	0.272	12.47	55.19	2.937	0.4992
1.400	0.221	10.15	53.12	3.077	0.4890
1.500	0.237	10.88	50.31	3.214	0.6026
1.600	0.227	10.43	47.75	3.071	0.6549
1.700	0.240	11.01	45.27	3.557	0.7810
1.800	0.253	11.59	43.74	3.576	0.9080
1.900	0.242	11.12	43.74	3.021	0.9591
2.000	0.229	10.53	44.85	3.348	1.0458
2.200	0.182	8.37	47.34	3.709	0.9834
2.400	0.158	7.24	48.63	3.609	1.0162
2.600	0.162	7.43	49.31	3.384	1.2290
2.800	0.168	7.70	49.44	3.041	1.4706
3.000	0.159	7.32	48.97	2.939	1.5975
3.200	0.153	7.00	48.23	3.283	1.7343
3.400	0.151	6.94	47.69	3.563	1.9361
3.600	0.144	6.62	47.60	3.722	2.0485
3.800	0.126	5.78	47.95	3.762	2.0860
4.000	0.122	5.62	48.59	4.035	2.1274

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

RECORD = S-399      E-W      1968-09-21\*22-06      1968-TOKACHIOKI  
 STATION = MURURAN-S      INPUT SIGNAL = GR,ACC,  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ARC,ERR,  
 TIME LENGTH = 20.000(SEC)      SKIPPED LENGTH = 12.000(SEC)  
 DAMPING COEFFICIENT = 0.050      MAX.GROUND ACC.= 40.07(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE. (GAL)	RELATIVE VELOCITY (KLINE)	RELATIVE DISPLAC (CM)
0.050	1.064	42.63	21.79	0.197	0.0027
0.100	1.827	73.19	39.07	0.704	0.0184
0.150	2.056	82.36	56.61	1.482	0.0469
0.200	2.655	106.38	91.29	3.037	0.1074
0.250	2.507	100.44	98.01	3.875	0.1583
0.300	2.459	98.51	90.82	4.070	0.2234
0.350	2.928	117.29	105.91	6.021	0.3616
0.400	3.425	137.21	132.54	7.756	0.5546
0.450	4.688	187.82	191.63	13.685	0.9591
0.500	4.169	167.04	190.99	13.653	1.0510
0.550	2.898	116.11	140.90	11.171	0.8843
0.600	1.842	73.81	100.96	7.669	0.6685
0.650	1.713	68.63	81.46	8.550	0.7306
0.700	1.128	45.20	76.50	6.647	0.5575
0.750	0.999	40.04	72.31	6.025	0.5658
0.800	0.893	35.80	64.43	5.147	0.5774
0.850	0.793	31.77	62.25	5.256	0.5770
0.900	0.576	23.10	57.29	4.277	0.4707
0.950	0.495	19.83	54.08	3.815	0.4481
1.000	0.456	18.27	52.96	3.591	0.4610
1.100	0.372	14.92	50.61	3.284	0.4526
1.200	0.345	13.81	50.58	3.541	0.4945
1.300	0.285	11.40	48.47	3.926	0.4790
1.400	0.234	9.37	43.65	3.542	0.4640
1.500	0.207	8.29	40.71	3.718	0.4685
1.600	0.214	8.56	40.12	3.687	0.5522
1.700	0.210	8.43	41.73	3.485	0.6149
1.800	0.174	6.97	43.59	3.787	0.5560
1.900	0.198	7.95	44.75	3.971	0.7078
2.000	0.208	8.35	44.98	3.953	0.8393
2.200	0.259	10.38	43.79	4.058	1.2652
2.400	0.291	11.65	43.85	4.179	1.6936
2.600	0.283	11.33	43.31	3.961	1.9314
2.800	0.244	9.76	42.63	4.062	1.9306
3.000	0.289	11.59	42.03	4.154	2.6317
3.200	0.258	10.35	41.55	3.713	2.6569
3.400	0.207	8.28	41.16	3.509	2.4025
3.600	0.228	9.14	40.84	3.504	2.9846
3.800	0.256	10.27	40.54	4.394	3.6994
4.000	0.240	9.60	40.27	4.497	3.7518

RESPONSE SPECTRUM (BY PROG. ERS-SE-1)

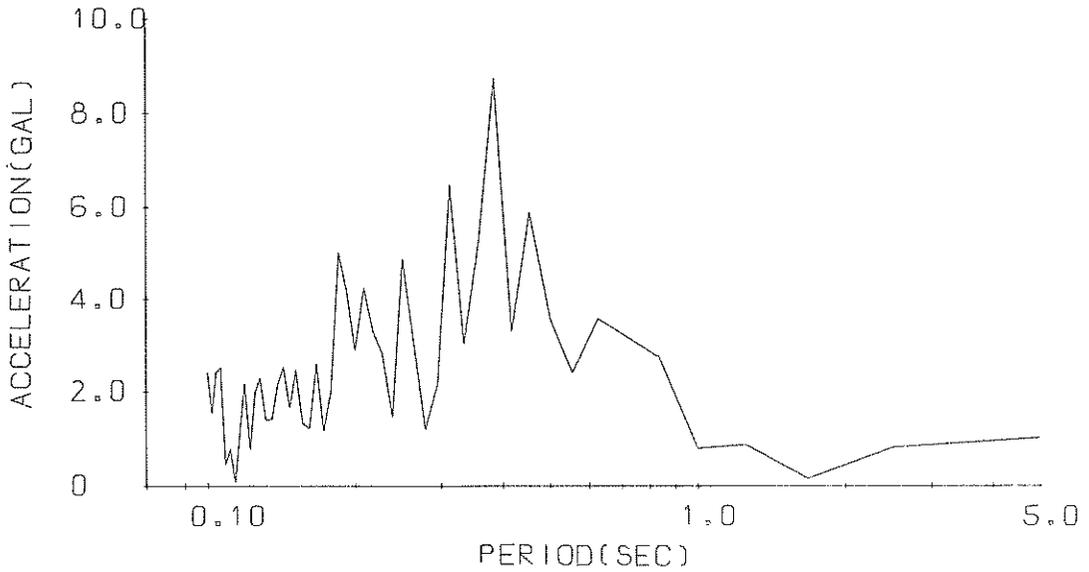
RECORD = S-399      E-W      1968-09-21-22-06      1968-TOKACHIOKI  
 STATION = MURURAN-S      INPUT SIGNAL = GR, ACC.  
 SAMPLING INTERVAL = 0.0100 (SEC)      CORRECTION = ARC, ERR.  
 TIME LENGTH = 20.000 (SEC)      SKIPPED LENGTH = 12.000 (SEC)  
 DAMPING COEFFICIENT = 0.100      MAX. GROUND ACC. = 40.07 (GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.030	41.28	18.18	0.178	0.0026
0.100	1.208	60.40	26.27	0.205	0.0152
0.150	1.176	71.16	42.02	1.272	0.0404
0.200	1.719	68.88	59.82	1.874	0.0682
0.250	1.868	74.85	70.07	2.731	0.1169
0.300	1.952	78.19	65.29	3.038	0.1758
0.350	2.428	97.29	79.10	4.470	0.2973
0.400	2.896	116.03	100.47	6.674	0.4613
0.450	3.210	128.61	132.63	8.855	0.6455
0.500	2.902	116.28	159.74	9.675	0.7206
0.550	2.201	88.20	114.25	8.651	0.6625
0.600	1.496	59.93	89.75	6.789	0.5319
0.650	1.135	45.46	74.18	6.107	0.4749
0.700	0.898	35.99	65.07	5.764	0.4321
0.750	0.791	31.68	60.16	5.171	0.4350
0.800	0.661	26.47	56.48	4.234	0.4200
0.850	0.585	23.42	56.70	4.091	0.4162
0.900	0.507	20.32	55.18	3.705	0.3975
0.950	0.449	18.01	53.29	3.365	0.3909
1.000	0.411	16.45	51.97	3.307	0.3934
1.100	0.355	14.24	50.10	3.272	0.4094
1.200	0.320	12.84	49.00	3.403	0.4352
1.300	0.264	10.56	47.02	3.515	0.4188
1.400	0.231	9.25	44.12	3.287	0.44
1.500	0.210	8.43	42.01	3.276	0.4672
1.600	0.204	8.19	41.48	3.272	0.5170
1.700	0.191	7.64	42.04	3.147	0.5453
1.800	0.173	6.92	42.89	3.437	0.5512
1.900	0.183	7.32	43.48	3.583	0.6480
2.000	0.205	8.20	43.63	3.590	0.8053
2.200	0.234	9.39	42.71	3.694	1.1207
2.400	0.245	9.83	42.68	3.837	1.4174
2.600	0.250	10.01	42.45	3.730	1.6872
2.800	0.242	9.68	42.03	3.512	1.8925
3.000	0.245	9.82	41.61	3.433	2.2029
3.200	0.233	9.32	41.23	3.645	2.6825
3.400	0.218	8.72	40.90	3.317	2.5032
3.600	0.219	8.78	40.61	3.380	2.8161
3.800	0.223	8.95	40.35	3.750	3.1587
4.000	0.216	8.65	40.11	3.857	3.3021

S-399 N-S

TSK=17.00

TUS=5.00

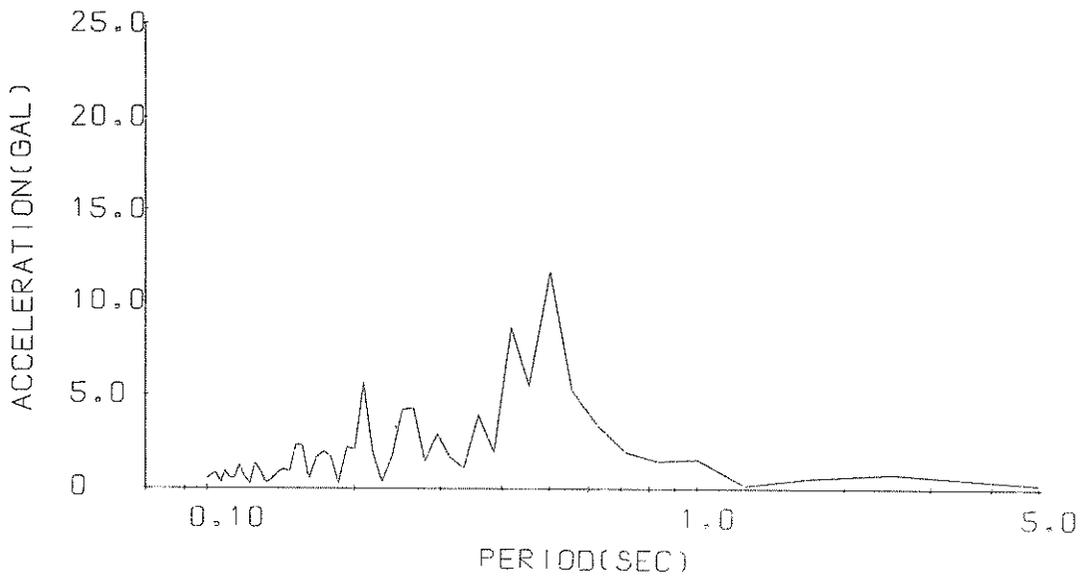


Fourier Spectrum

S-399 E-W

TSK=15.50

TUS=5.00



Fourier Spectrum

FOURIER ANALYSIS

RECORDS=399 COMPONENT=N-S SIGNAL=GR,ACC. CORRECTION=ARC,ERR. STATION=MURORAN-S  
 DATE AND TIME=1968-09-21-22-06 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTER AL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 6000 DATA USED = 501 TIME LENGTH = 5.00J(SEC) MMIN = 1 \* MMAX = 50  
 DATA SKIPPED = 1700

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	-0.8947495E 000	-0.4067724E 000	0.1009184E 001
2	2.5000	0.4000	-0.5828023E 000	-0.7153002E 000	0.8117315E 000
3	1.6667	0.6000	0.1306734E 000	-0.6214362E-001	0.1460109E 000
4	1.2500	0.8000	-0.8679104E 000	0.3403942E-001	0.8685796E 000
5	1.0000	1.0000	-0.5096585E 000	0.7312570E 000	0.7941192E 000
6	0.8333	1.2000	-0.2524760E 001	-0.1029197E 001	0.2726474E 001
7	0.7143	1.4000	0.2601106E 001	0.1835960E 001	0.3183787E 001
8	0.6250	1.6000	0.2280126E 001	0.2744938E 001	0.3568425E 001
9	0.5556	1.8000	0.1896169E 001	-0.1461808E 001	0.2394231E 001
10	0.5000	2.0000	-0.5082227E 001	0.1765283E 001	0.3552446E 001
11	0.4545	2.2000	-0.1319141E 001	-0.5732740E 001	0.5882554E 001
12	0.4167	2.4000	-0.3159581E 001	0.9805155E 000	0.3508257E 001
13	0.3846	2.6000	-0.8562865E 001	-0.1695748E 001	0.8728771E 001
14	0.3571	2.8000	0.3118347E 001	0.4242367E 001	0.5270683E 001
15	0.3333	3.0000	0.8241751E 000	0.2913411E 001	0.3032555E 001
16	0.3125	3.2000	0.6414438E 001	0.9523670E 000	0.6481822E 001
17	0.2941	3.4000	0.1650354E 001	-0.1593624E 001	0.2163288E 001
18	0.2778	3.6000	-0.2135123E-001	-0.1202497E 001	0.1202686E 001
19	0.2632	3.8000	-0.8409567E-001	0.3063907E 001	0.3062062E 001
20	0.2500	4.0000	0.4786530E 001	-0.9613899E 000	0.4882301E 001
21	0.2381	4.2000	0.6883686E 000	-0.1273231E 001	0.1452681E 001
22	0.2273	4.4000	0.2805274E 001	0.2107955E 000	0.2813183E 001
23	0.2174	4.6000	0.2431352E 001	-0.2253867E 000	0.3315327E 001
24	0.2083	4.8000	0.2792485E 000	0.4245076E 001	0.4254248E 001
25	0.2000	5.0000	-0.2859572E 001	-0.4512045E 000	0.2894950E 001
26	0.1923	5.2000	-0.3264526E 001	0.2614034E 001	0.4182141E 001
27	0.1852	5.4000	0.2192003E 001	-0.4499409E 001	0.5006268E 001
28	0.1786	5.6000	0.1302066E 001	0.1253320E 001	0.2024566E 001
29	0.1724	5.8000	0.6159673E 000	-0.1101786E 001	0.1189732E 001
30	0.1667	6.0000	0.2372182E 001	-0.1068721E 001	0.2601809E 001

FOURIER ANALYSIS

RECORDS=599 COMPONENT=N=S SIGNAL=GR,ACC, CORRECTION=ARC,ERR, STATION=MURORAN=S  
 DATE AND TIME=1968-09-21-22-06 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 6000 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1700

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	-0.1140153E 001	-0.4261915E 000	0.1217205E 001
32	0.1562	6.4000	-0.1206617E 001	-0.5832088E 000	0.1640170E 001
33	0.1515	6.6000	-0.1191159E 001	-0.2145864E 001	0.2455166E 001
34	0.1471	6.8000	-0.1173772E 001	-0.5695708E 000	0.1673669E 001
35	0.1429	7.0000	0.1066979E 001	0.2300363E 001	0.2535767E 001
36	0.1389	7.2000	-0.1916216E 001	0.9633118E 000	0.2144949E 001
37	0.1351	7.4000	0.1025934E 000	-0.1415545E 001	0.1420256E 001
38	0.1316	7.6000	-0.1229477E 001	0.6622951E 000	0.1396513E 001
39	0.1282	7.8000	-0.5873873E 000	-0.2225077E 001	0.2301302E 001
40	0.1250	8.0000	0.1143154E 001	0.1645007E 001	0.2004031E 001
41	0.1220	8.2000	-0.6275236E 000	-0.4782270E 000	0.7891603E 000
42	0.1190	8.4000	-0.1559595E 001	-0.1215897E 001	0.2173527E 001
43	0.1163	8.6000	0.9026135E-001	-0.1123396E 001	0.1127016E 001
44	0.1136	8.8000	0.7044419E-001	0.5894105E-001	0.9185043E-001
45	0.1111	9.0000	0.6061988E 000	0.5068658E 000	0.7901835E 000
46	0.1087	9.2000	0.6834831E 000	-0.2643586E 000	0.4697731E 000
47	0.1064	9.4000	0.1933960E 001	0.1624659E 001	0.2523817E 001
48	0.1042	9.6000	-0.2068050E 001	-0.1277732E 001	0.2450915E 001
49	0.1020	9.8000	-0.1491826E 001	0.4405260E 000	0.1553337E 001
50	0.1000	10.0000	0.8133556E 000	-0.2263601E 001	0.2405293E 001

FOURIER ANALYSIS

RECORD=S-399 COMPONENT=E-W SIGNAL=GR.ACC. STATION=MURORAN-S  
 DATE AND TIME=1968-09-21-22-06 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 6050 DATA USED = 501 TIME LENGTH = 5.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1550

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

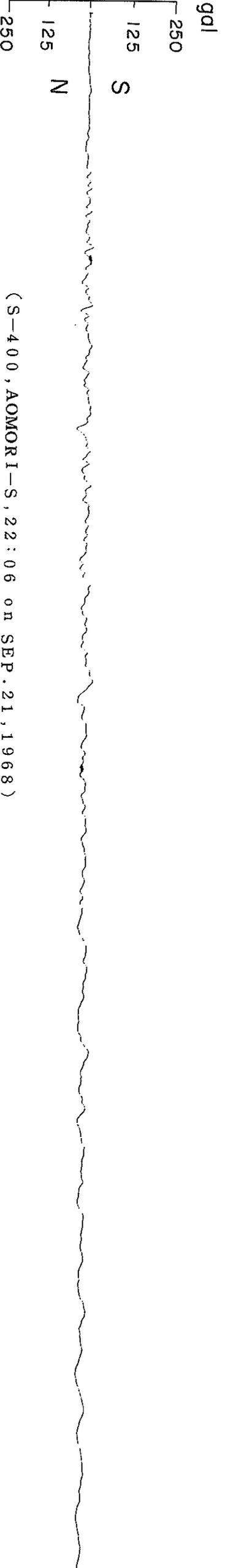
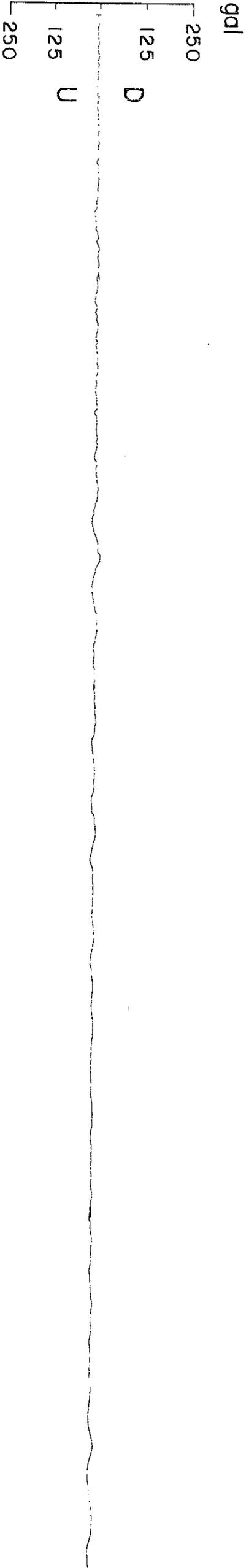
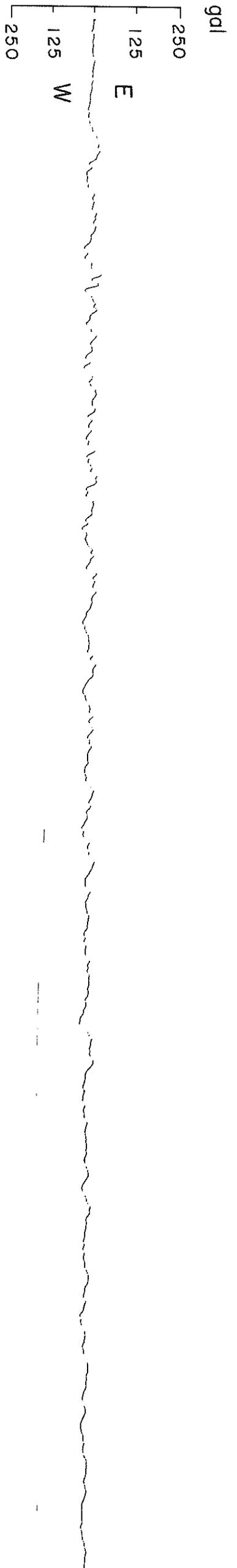
M	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	-0.1992887E 000	0.1669618E 000	0.25999850E 000
2	2.5000	0.4000	0.2445845E 000	-0.8052552E 000	0.8415803E 000
3	1.6667	0.6000	-0.2730699E 000	-0.4861458E 000	0.5575867E 000
4	1.2500	0.8000	0.3192853E-001	0.1897808E 000	0.1917576E 000
5	1.0000	1.0000	0.1006474E 001	0.1245677E 001	0.1602246E 001
6	0.8333	1.2000	-0.1374834E 001	-0.5447321E 000	0.1478560E 001
7	0.7143	1.4000	0.1293140E 001	-0.1475829E 001	0.1962966E 001
8	0.6250	1.6000	-0.3360487E 001	0.4635059E 000	0.3592302E 001
9	0.5556	1.8000	-0.6957358E 001	0.3445406E 001	0.5247046E 001
10	0.5000	2.0000	-0.7045910E 001	-0.9235389E 001	0.1161704E 002
11	0.4545	2.2000	0.4518348E 001	-0.3151640E 001	0.5508929E 001
12	0.4167	2.4000	0.8442216E 001	0.1385818E 001	0.8555365E 001
13	0.3846	2.6000	0.1051697E 001	0.1675219E 001	0.1978673E 001
14	0.3571	2.8000	-0.3855791E 001	-0.8613235E 000	0.3950758E 001
15	0.3333	3.0000	0.3484233E 000	0.1047078E 001	0.1103527E 001
16	0.3125	3.2000	-0.1224861E 001	0.1221306E 001	0.1729704E 001
17	0.2941	3.4000	0.2366179E 001	-0.1789829E 001	0.2942387E 001
18	0.2778	3.6000	-0.1120312E 001	-0.9692562E 000	0.1481404E 001
19	0.2632	3.8000	-0.4621756E 001	-0.3289694E 000	0.4334256E-001
20	0.2500	4.0000	-0.4188110E 001	-0.4695706E 000	0.4214363E 001
21	0.2381	4.2000	0.1669433E 001	0.5082396E 000	0.1754147E 001
22	0.2273	4.4000	-0.5907336E 000	-0.2113513E-001	0.3913032E 000
23	0.2174	4.6000	-0.1778184E 001	0.8935716E 000	0.1990158E 001
24	0.2083	4.8000	0.2545426E 001	-0.9655598E 000	0.5623790E 001
25	0.2000	5.0000	-0.1842795E 000	0.2123933E 001	0.2131914E 001
26	0.1923	5.2000	0.2924982E 000	-0.2102261E 001	0.2183052E 001
27	0.1852	5.4000	0.5069915E 000	-0.4934886E-001	0.3109327E 000
28	0.1786	5.6000	0.1734045E 001	-0.3003736E 000	0.1759868E 001
29	0.1724	5.8000	0.7160624E 000	-0.1853447E 001	0.1986950E 001
30	0.1667	6.0000	0.1564828E 001	0.2903101E-001	0.1665875E 001

FOURIER ANALYSIS

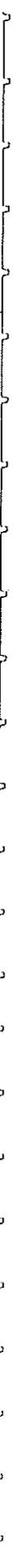
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 DATE AND TIME=1968-09-21-22-06 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 6050 DATA USED= 501 (TIME LENGTH = 2.000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1550

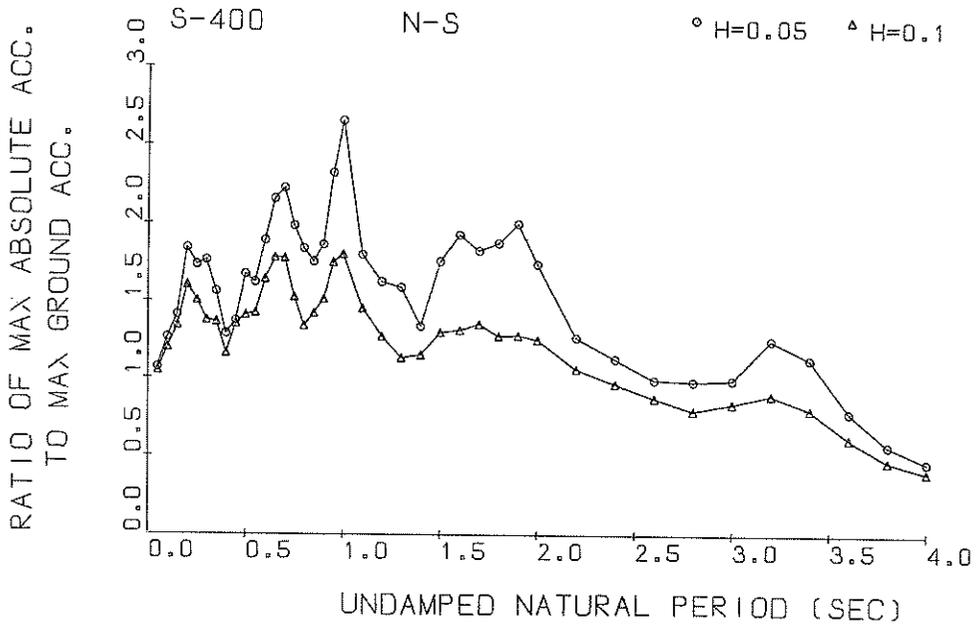
NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	0.8159382E-001	-0.5430925E 000	0.5491876E 000
32	0.1562	6.4000	0.5076549E 000	-0.2220887E 001	0.2602438E 001
33	0.1515	6.6000	0.2291594E 001	-0.5401369E 000	0.2654389E 001
34	0.1471	6.8000	-0.5281883E 000	-0.8507442E 000	0.9120382E 000
35	0.1429	7.0000	-0.1046537E 001	-0.1223890E 000	0.1050748E 001
36	0.1389	7.2000	0.7154328E 000	0.4666271E 000	0.8525222E 000
37	0.1351	7.4000	0.2290222E-001	-0.5203806E 000	0.5235602E 000
38	0.1316	7.6000	-0.2088076E 000	0.2543792E 000	0.3291039E 000
39	0.1282	7.8000	0.9005687E 000	-0.4663921E 000	0.1014172E 001
40	0.1250	8.0000	0.1205458E 001	-0.6862979E 000	0.1687131E 001
41	0.1220	8.2000	-0.1411673E 000	0.2462982E 000	0.2812870E 000
42	0.1190	8.4000	-0.2071302E 000	-0.4082473E 000	0.6510352E 000
43	0.1163	8.6000	0.6384081E 000	-0.1103355E 001	0.1274739E 001
44	0.1136	8.8000	0.2563822E 000	0.1851699E 000	0.5863895E 000
45	0.1111	9.0000	0.2161599E 000	0.2622725E 000	0.5632805E 000
46	0.1087	9.2000	0.1153657E 000	-0.9442021E 000	0.9512339E 000
47	0.1064	9.4000	-0.5442322E 000	-0.7083783E-001	0.3514554E 000
48	0.1042	9.6000	-0.2618494E 000	0.6261621E 000	0.8412806E 000
49	0.1020	9.8000	-0.2184899E 000	0.5492691E 000	0.7533332E 000
50	0.1000	10.0000	-0.2249040E 000	-0.2632380E 000	0.5743902E 000

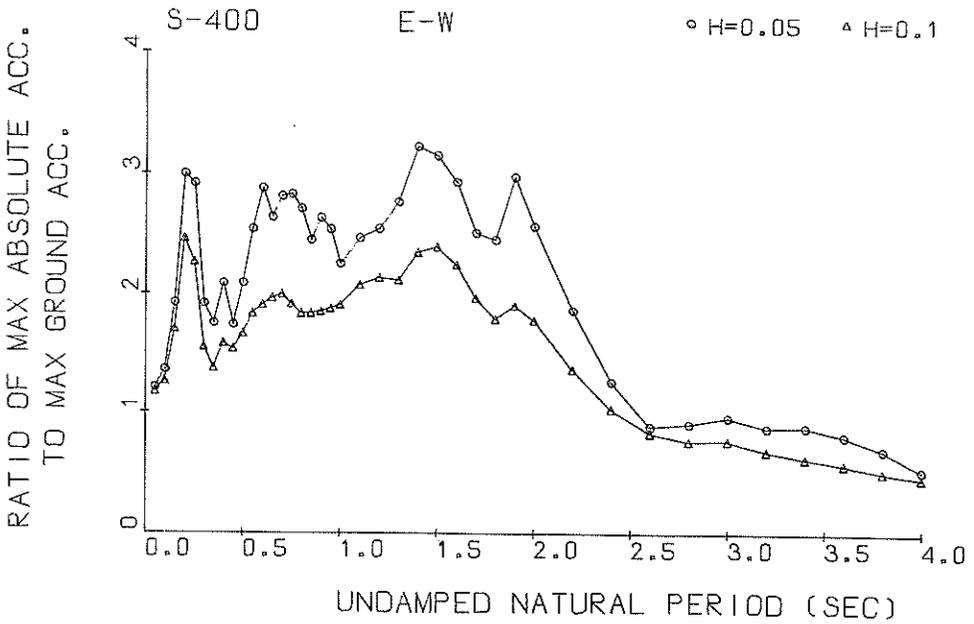


(S-400, AOMORI-S, 22:06 on SEP. 21, 1968)

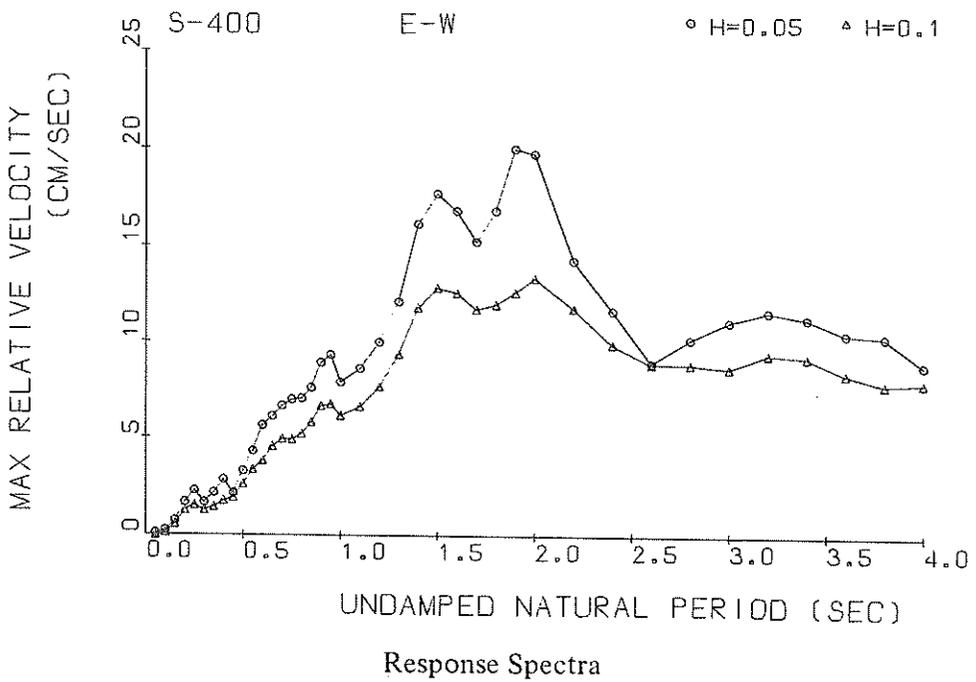
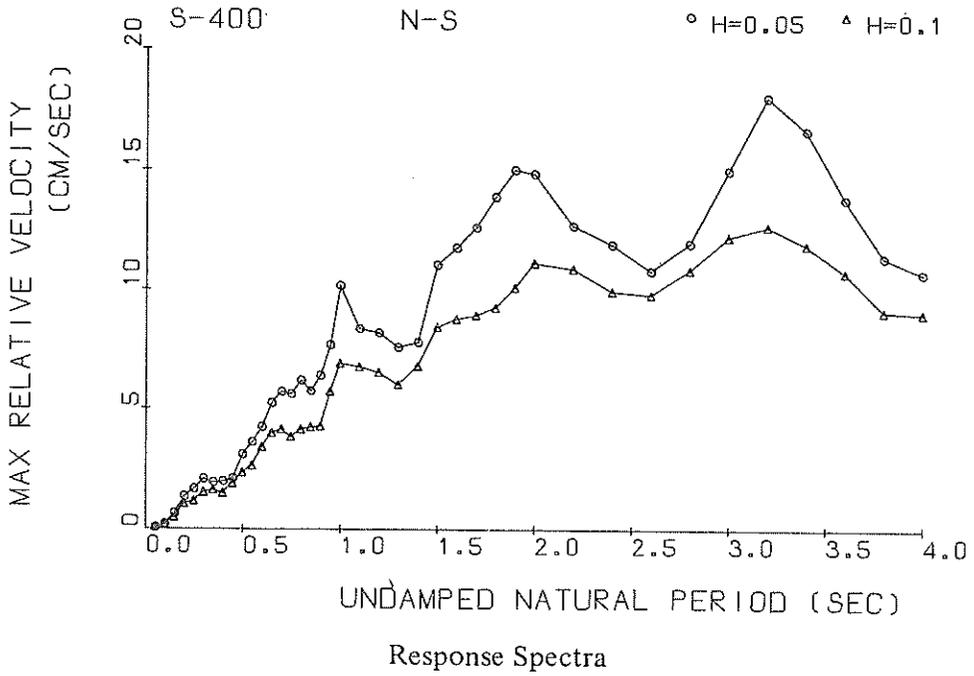


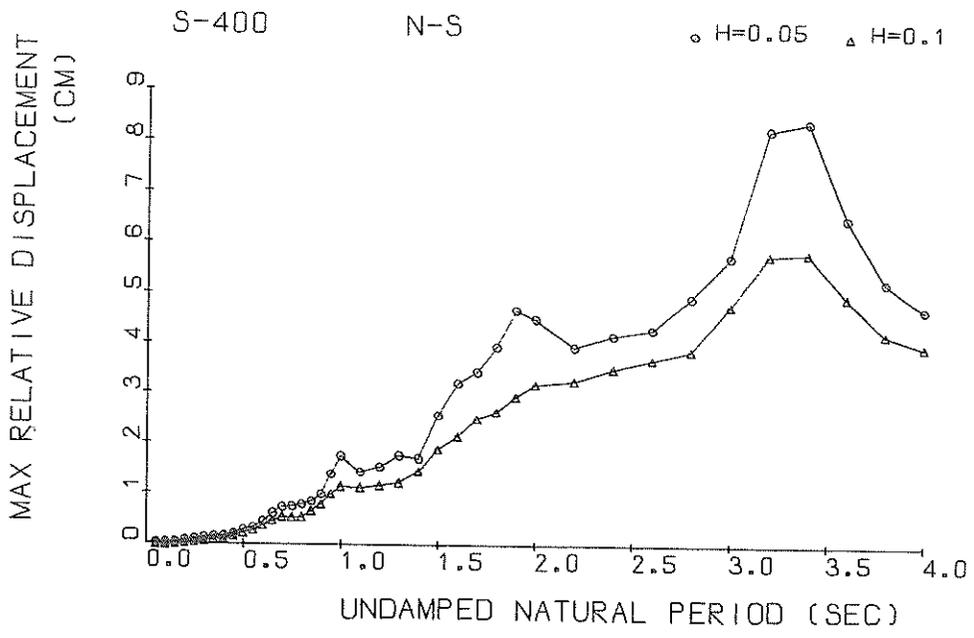


Response Spectra

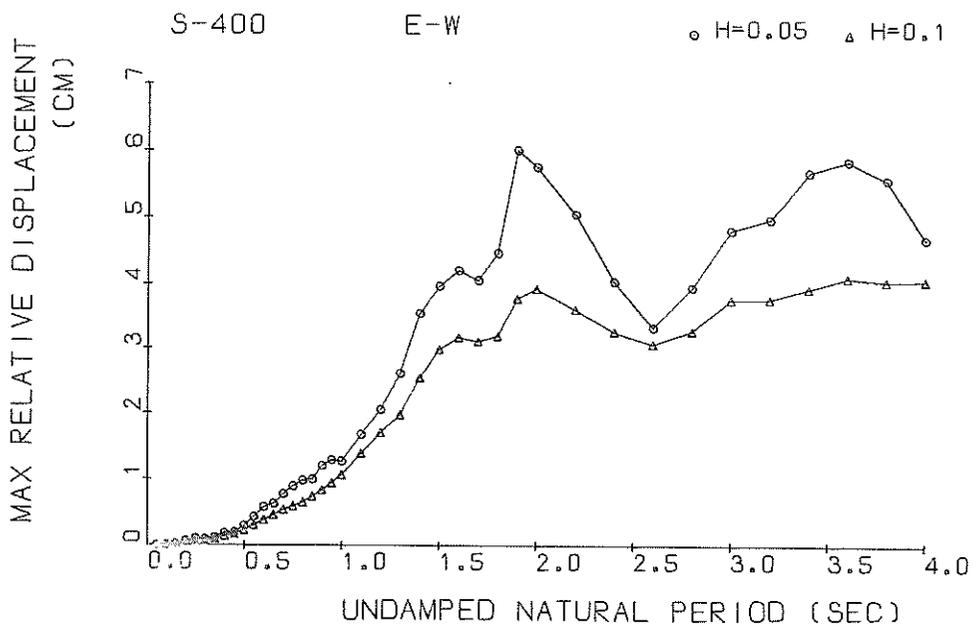


Response Spectra





Response Spectra



Response Spectra

RESPONSE SPECTRUM BY PRUG, ERS-SE-1)

RECORD = S-400 N+S 1968-09-21-22-06 1968-TOKACHIOKI  
 STATION = AOMORI-S INPUT SIGNAL = GR,ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC,ERR.  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 2.000(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX.GROUND ACC.= 25.90(GAL)

PERIOD (SEC)	ACCELE RAIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.067	27.63	5.51	0.049	0.0017
0.100	1.260	32.63	9.45	0.192	0.0083
0.150	1.409	36.48	20.59	0.628	0.0208
0.200	1.841	47.67	41.59	1.328	0.0479
0.250	1.732	44.85	40.10	1.631	0.0705
0.300	1.761	45.62	45.06	2.052	0.1040
0.350	1.561	40.44	39.13	1.913	0.1253
0.400	1.283	33.23	31.20	1.968	0.1346
0.450	1.568	35.44	32.85	2.075	0.1814
0.500	1.669	43.23	38.63	3.057	0.2727
0.550	1.620	41.95	40.24	3.574	0.3200
0.600	1.890	48.95	43.87	4.203	0.4449
0.650	2.152	55.75	51.06	5.233	0.5941
0.700	2.222	57.54	50.82	5.689	0.7106
0.750	1.980	51.28	51.28	5.592	0.7274
0.800	1.835	47.53	48.98	6.176	0.7671
0.850	1.749	45.31	45.55	5.722	0.8258
0.900	1.858	48.12	42.85	6.389	0.9831
0.950	2.315	59.97	59.97	7.673	1.3640
1.000	2.648	68.57	67.97	10.170	1.7287
1.100	1.792	46.41	50.20	8.359	1.4153
1.200	1.620	41.96	49.72	8.184	1.5236
1.300	1.585	41.05	44.29	7.566	1.7497
1.400	1.330	34.44	41.36	7.779	1.7003
1.500	1.752	45.39	48.40	11.055	2.5732
1.600	1.926	49.88	51.68	11.774	3.2178
1.700	1.824	47.23	49.29	12.617	3.4403
1.800	1.872	48.47	54.62	13.887	3.9583
1.900	1.997	51.72	50.44	15.000	4.7039
2.000	1.736	44.96	49.72	14.833	4.5332
2.200	1.258	32.58	47.01	12.689	3.9713
2.400	1.120	29.01	46.38	11.923	4.2008
2.600	0.987	25.56	46.55	10.807	4.3383
2.800	0.976	25.28	41.80	11.970	4.9843
3.000	0.986	25.53	42.47	14.978	5.7790
3.200	1.245	32.25	40.84	18.009	8.3163
3.400	1.123	29.09	38.28	16.621	8.4633
3.600	0.777	20.13	33.48	13.792	6.5638
3.800	0.564	14.61	32.60	11.370	5.3068
4.000	0.458	11.87	30.93	10.693	4.7750

RESPONSE SPECTRUM (BY PRUG, ERS-SE-1)

RECORD = S-400 N=S 1968-U9-21-22-00 1968-TOKACHIOKI  
 STATION = AOMURI-S INPUT SIGNAL = GR,ACC,  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC,ERR,  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 2.000(SEC)  
 DAMPING COEFFICIENT = 0.100 MAX.GROUND ACC.= 25.90(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE, (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.037	26.85	4.98	0.047	0.0017
0.100	1.186	30.71	7.40	0.156	0.0078
0.150	1.329	34.41	10.41	0.454	0.0195
0.200	1.594	41.27	29.88	1.016	0.0410
0.250	1.494	38.69	30.74	1.132	0.0605
0.300	1.663	35.30	31.04	1.471	0.0791
0.350	1.652	35.01	33.01	1.579	0.1072
0.400	1.149	29.75	27.47	1.458	0.1193
0.450	1.542	34.75	26.63	1.865	0.1757
0.500	1.699	36.23	27.96	2.326	0.2260
0.550	1.415	36.65	29.07	2.596	0.2779
0.600	1.635	42.35	33.25	3.375	0.3809
0.650	1.771	45.87	40.83	3.946	0.4830
0.700	1.768	45.79	44.73	4.115	0.5578
0.750	1.516	39.26	39.26	3.811	0.5484
0.800	1.529	34.41	33.94	4.118	0.5506
0.850	1.412	36.57	34.52	4.215	0.6597
0.900	1.505	38.97	38.97	4.249	0.7836
0.950	1.742	45.12	45.12	5.703	1.0109
1.000	1.795	46.49	46.49	6.893	1.1549
1.100	1.446	37.44	37.79	6.749	1.1282
1.200	1.263	32.71	36.64	6.530	1.1681
1.300	1.124	29.10	38.26	6.005	1.2263
1.400	1.145	29.66	38.07	6.772	1.4481
1.500	1.293	33.49	40.33	8.431	1.8749
1.600	1.507	33.86	43.17	8.776	2.1517
1.700	1.547	34.89	42.27	8.930	2.5003
1.800	1.269	32.88	45.26	9.252	2.6446
1.900	1.273	32.98	45.19	10.102	2.9498
2.000	1.245	32.24	42.33	11.141	3.2019
2.200	1.056	27.35	40.88	10.891	3.2767
2.400	0.959	24.85	41.18	9.935	3.5190
2.600	0.866	22.44	40.07	9.796	3.7102
2.800	0.787	20.39	38.39	10.841	3.8989
3.000	0.831	21.53	36.05	12.222	4.8170
3.200	0.889	23.03	34.17	12.661	5.8279
3.400	0.797	20.65	33.00	11.890	5.8721
3.600	0.608	15.75	31.54	10.728	5.0112
3.800	0.465	12.04	31.16	9.091	4.2624
4.000	0.393	10.17	30.23	9.004	4.0292

RESPONSE SPECTRUM (BY PRUG, ERS-SE-1)

RECORD = S=400 E=W 1968-09-21-22-06 1968-TOKACHIOKI  
 STATION = ADMORI=S INPUT SIGNAL = GR,ACC.  
 SAMPLING INTERVAL = 0.0100(SEC) CORRECTION = ARC,ERR,  
 TIME LENGTH = 35.000(SEC) SKIPPED LENGTH = 2.000(SEC)  
 DAMPING COEFFICIENT = 0.050 MAX,GROUND ACC,= 22.17(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLAC (CM)
0.050	1.204	26.70	10.82	0.086	0.0017
0.100	1.354	30.02	10.82	0.233	0.0076
0.150	1.926	42.70	24.94	0.738	0.0243
0.200	2.995	66.40	47.70	1.662	0.0676
0.250	2.916	64.65	56.98	2.275	0.1023
0.300	1.919	42.54	33.39	1.689	0.0967
0.350	1.754	38.89	39.93	2.201	0.1204
0.400	2.092	46.38	40.38	2.856	0.1873
0.450	1.745	38.68	31.86	2.181	0.1979
0.500	2.097	46.49	40.20	3.324	0.2930
0.550	2.549	56.50	56.48	4.353	0.4312
0.600	2.882	63.90	59.34	5.666	0.5806
0.650	2.648	58.71	61.21	6.132	0.6250
0.700	2.820	62.53	58.83	6.669	0.7722
0.750	2.836	62.87	66.56	6.979	0.8925
0.800	2.717	60.23	66.14	7.039	0.9725
0.850	2.463	54.61	59.97	7.600	0.9944
0.900	2.643	58.60	66.80	8.911	1.1956
0.950	2.547	56.47	68.78	9.312	1.2849
1.000	2.266	50.23	66.28	7.896	1.2681
1.100	2.478	54.94	46.89	8.614	1.6774
1.200	2.556	56.65	49.64	9.989	2.0582
1.300	2.775	61.52	79.31	12.112	2.6169
1.400	3.232	71.65	85.96	16.146	3.5441
1.500	3.160	70.05	77.44	17.705	3.9738
1.600	2.944	65.27	84.97	16.843	4.2082
1.700	2.524	55.96	77.81	15.259	4.0682
1.800	2.469	54.73	65.70	16.846	4.4701
1.900	2.984	66.15	77.23	20.014	6.0141
2.000	2.576	57.11	72.24	19.758	5.7602
2.200	1.870	41.45	48.85	14.301	5.0545
2.400	1.260	27.93	42.07	11.674	4.0519
2.600	0.886	19.64	35.66	8.946	3.3328
2.800	0.908	20.14	36.24	10.193	3.9638
3.000	0.963	21.34	39.02	11.116	4.8244
3.200	0.875	19.40	37.70	11.627	4.9849
3.400	0.881	19.54	32.26	11.261	5.6922
3.600	0.809	17.94	31.89	10.448	5.8549
3.800	0.694	15.38	31.28	10.289	5.5809
4.000	0.527	11.68	30.57	8.831	4.6965

RESPONSE SPECTRUM (BY PRUG. ERS-SE-1)

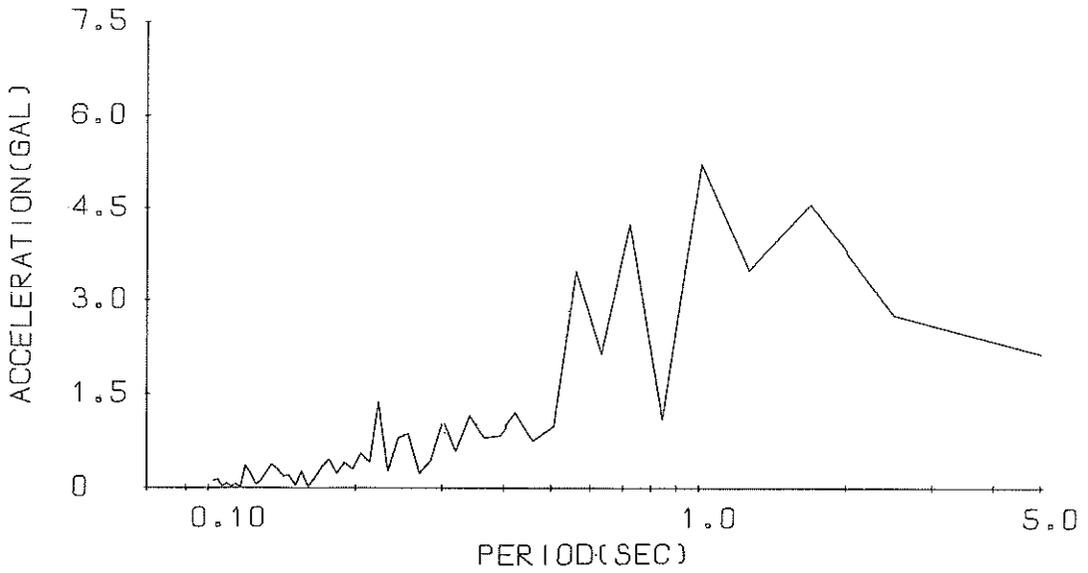
RECORD = S-400      E-W      1968-09-21-22-06      1968-TOKACHIOKI  
 STATION = AOMURI-S      INPUT SIGNAL = GR,ACC,  
 SAMPLING INTERVAL = 0.0100(SEC)      CORRECTION = ARC.ERR,  
 TIME LENGTH = 35.000(SEC)      SKIPPED LENGTH = 2.000(SEC)  
 DAMPING COEFFICIENT = 0.100      MAX.GROUND ACC.= 22.17(GAL)

PERIOD (SEC)	ACCELE RATIO	ABSOLUT ACCELE. (GAL)	RELATIV ACCELE, (GAL)	RELATIVE VELOCITY (KINE)	RELATIVE DISPLACE (CM)
0.050	1.173	26.00	10.48	0.079	0.0016
0.100	1.260	27.93	10.43	0.202	0.0070
0.150	1.704	37.77	20.00	0.631	0.0214
0.200	2.467	54.70	36.00	1.351	0.0549
0.250	2.269	50.31	40.36	1.584	0.0785
0.300	1.546	34.28	28.42	1.341	0.0769
0.350	1.567	30.50	27.49	1.517	0.0927
0.400	1.580	35.03	27.62	1.832	0.1397
0.450	1.533	33.98	25.78	1.989	0.1721
0.500	1.664	36.89	30.89	2.697	0.2302
0.550	1.838	40.74	38.53	3.429	0.3066
0.600	1.912	42.39	44.12	3.879	0.3810
0.650	1.968	43.62	44.97	4.637	0.4592
0.700	2.000	44.34	44.08	5.007	0.5417
0.750	1.914	42.42	50.45	4.983	0.5915
0.800	1.836	40.69	50.95	5.265	0.6494
0.850	1.838	40.75	45.99	5.868	0.7292
0.900	1.854	41.11	49.07	6.677	0.8294
0.950	1.877	41.62	52.77	6.785	0.9345
1.000	1.910	42.34	52.80	6.196	1.0585
1.100	2.078	46.08	44.85	6.660	1.3912
1.200	2.140	47.45	50.09	7.702	1.7039
1.300	2.122	47.05	63.18	9.402	1.9785
1.400	2.360	52.31	65.25	11.849	2.5484
1.500	2.405	53.31	60.67	12.875	2.9805
1.600	2.254	49.98	67.36	12.612	3.1736
1.700	1.973	43.74	65.01	11.747	3.1167
1.800	1.796	39.82	57.54	11.979	3.1963
1.900	1.910	42.35	56.15	12.625	3.7792
2.000	1.790	39.67	52.98	13.380	3.9425
2.200	1.565	30.26	39.32	11.778	3.6242
2.400	1.037	22.98	37.17	9.873	3.2764
2.600	0.837	18.56	33.99	8.857	3.0808
2.800	0.771	17.09	32.98	8.840	3.2876
3.000	0.774	17.15	34.26	8.638	3.7754
3.200	0.686	15.21	33.24	9.354	3.7802
3.400	0.626	13.88	31.57	9.188	3.9498
3.600	0.578	12.82	31.37	8.329	4.1211
3.800	0.517	11.46	30.95	7.780	4.0677
4.000	0.469	10.41	30.44	7.863	4.0819

S-400 N-S

TSK=12.00

TUS=5.00

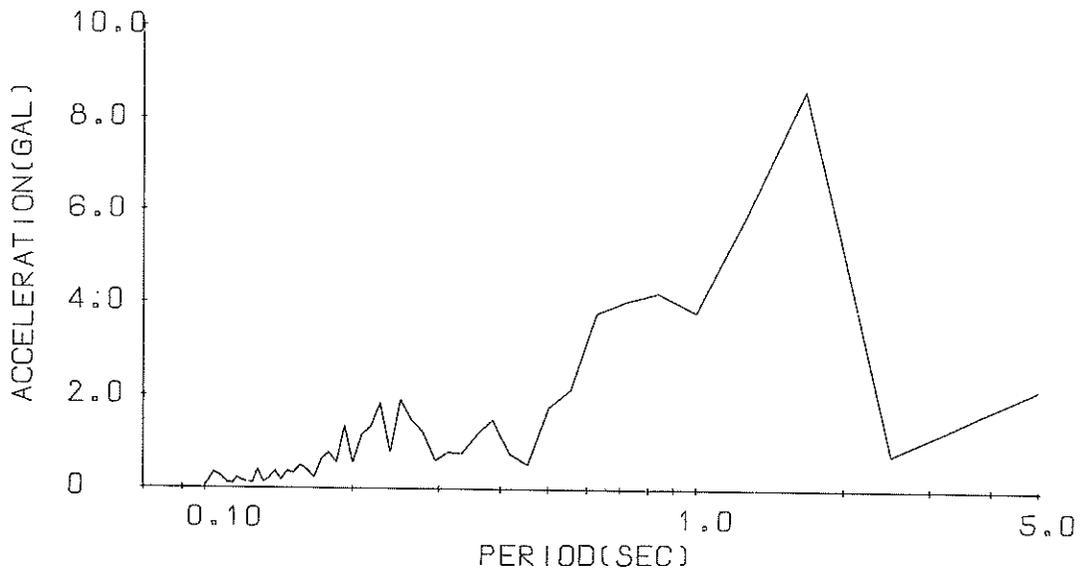


Fourier Spectrum

S-400 E-W

TSK=2.00

TUS=5.00



Fourier Spectrum

FOURIER ANALYSIS

RECORD=S=400 COMPONENT=N=S SIGNAL=GR,ACC. STATION=AOMORI=S  
 DATE AND TIME=1968-09-21\*22-06 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0,0100(SEC)  
 TOTAL NUMBER OF DATA= 5900 DATA USED = 1200 TIME LENGTH = 5,000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1200

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
1	5.0000	0.2000	-0.1942925E 001	0.9000247E 000	0.2141262E 001
2	2.5000	0.4000	0.275037E 001	0.6423968E-001	0.2755787E 001
3	1.6667	0.6000	-0.5566620E 001	0.2858667E 001	0.4568519E 001
4	1.2500	0.8000	0.5432081E 001	-0.5459121E 000	0.3475227E 001
5	1.0000	1.0000	-0.5050774E 001	-0.1404704E 001	0.5223206E 001
6	0.8333	1.2000	0.5404071E 000	-0.1058161E 001	0.1092545E 001
7	0.7143	1.4000	0.5264565E 000	-0.4204350E 001	0.4237163E 001
8	0.6250	1.6000	0.2143156E 001	0.1659405E-002	0.2143157E 001
9	0.5556	1.8000	-0.7105052E 000	-0.3693176E 001	0.3466762E 001
10	0.5000	2.0000	-0.9968642E 000	0.7923849E-001	0.1000006E 001
11	0.4545	2.2000	0.7241919E 000	-0.2093822E 000	0.737701E 000
12	0.4167	2.4000	-0.2022232E 000	-0.1185034E 001	0.1203170E 001
13	0.3846	2.6000	0.6142326E 000	0.5607430E 000	0.8316937E 000
14	0.3571	2.8000	-0.2623466E 000	-0.7643358E 000	0.8085787E 000
15	0.3333	3.0000	-0.1133104E 001	-0.2267666E 000	0.1155572E 001
16	0.3125	3.2000	-0.6820875E 000	0.4441735E 000	0.5859018E 000
17	0.2941	3.4000	0.9266470E 000	-0.5923082E 000	0.1099845E 001
18	0.2778	3.6000	-0.5091738E 000	0.3093562E 000	0.4375083E 000
19	0.2632	3.8000	-0.1334288E 000	-0.2063161E 000	0.2454478E 000
20	0.2500	4.0000	0.1148786E 000	-0.8721918E 000	0.8797248E 000
21	0.2381	4.2000	0.7908448E 000	0.9189851E-001	0.7961652E 000
22	0.2273	4.4000	0.1212934E 000	-0.2493797E 000	0.2774926E 000
23	0.2174	4.6000	0.1298685E 001	-0.4251135E 000	0.1366493E 001
24	0.2083	4.8000	0.5555892E 000	0.2585555E 000	0.4117968E 000
25	0.2000	5.0000	0.5208266E 000	-0.4561241E 000	0.5576548E 000
26	0.1923	5.2000	-0.2500179E 000	0.1732004E 000	0.3041502E 000
27	0.1852	5.4000	-0.6925628E 000	-0.7147151E-001	0.4019677E 000
28	0.1786	5.6000	-0.1325263E 000	-0.1059012E 000	0.2680591E 000
29	0.1724	5.8000	0.1862114E 000	0.4183625E 000	0.4576580E 000
30	0.1667	6.0000	0.5353594E 000	0.5914924E-001	0.3505277E 000

RECORDS=400 COMPONENT=N-S SIGNAL=GR,ACC, STATION=AOMORI-S  
 DATE AND TIME=1968-09-21-22-06 EARTHQUAKE=1968-TOKACHIOKI CORRECTION=ARC,ERR, SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 5900 DATA USED = 501 TIME LENGTH = 5,000(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 1200

NOTE AM IS AMPLITUDE OF COS(WMT).  
 BM IS AMPLITUDE OF SIN(WMT).  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	-0.1475788E 000	0.7223249E-001	0.1643341E 000
32	0.1562	6.4000	0.1304904E-001	0.1267175E-001	0.1818931E-001
33	0.1515	6.6000	-0.29444848E-001	-0.2754425E 000	0.2769951E 000
34	0.1471	6.8000	-0.2492875E-001	-0.3164690E-001	0.4030466E-001
35	0.1429	7.0000	-0.2092378E 000	-0.1943144E-001	0.2041693E 000
36	0.1369	7.2000	-0.1362880E 000	-0.134917E 000	0.1919871E 000
37	0.1351	7.4000	-0.1573670E 000	-0.275317E 000	0.3081316E 000
38	0.1316	7.6000	-0.1060941E 000	-0.362608E 000	0.3778108E 000
39	0.1282	7.8000	-0.1138114E 000	-0.2253956E 000	0.2529110E 000
40	0.1250	8.0000	0.8151064E-001	-0.7367365E-001	0.1098717E 000
41	0.1220	8.2000	-0.2236688E-001	-0.4783071E-001	0.5277485E-001
42	0.1190	8.4000	-0.1227581E-001	-0.238787E 000	0.2391030E 000
43	0.1163	8.6000	0.3614355E 000	-0.9773695E-002	0.361567E 000
44	0.1136	8.8000	-0.1062986E-001	0.6204815E-002	0.1248778E-001
45	0.1111	9.0000	0.4780138E-001	0.2435911E-001	0.5365469E-001
46	0.1087	9.2000	-0.2210949E-001	-0.1244595E-002	0.2216838E-001
47	0.1064	9.4000	-0.6926902E-001	-0.1807795E-002	0.6929261E-001
48	0.1042	9.6000	0.9269417E-002	-0.2469944E-001	0.2647759E-001
49	0.1020	9.8000	-0.1384194E 000	-0.2544980E-001	0.1407395E 000
50	0.1000	10.0000	-0.1126178E 000	-0.3962609E-001	0.1193859E 000

FOURIER ANALYSIS

RECORD=S-400 COMPONENT=E-K SIGNAL=GR,ACC, CORRECTION=ARC,ERR, STATION=ADMORI=S  
 DATE AND TIME=1968-09-21-22-06 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 5950  
 DATA SKIPPED = 200 .DATA USED = 591 TIME LENGTH = .5,000(SEC) MMIN = 1 MMAX = 50

NOTE AM IS AMPLITUDE OF COS(WMT);  
 BM IS AMPLITUDE OF SIN(WMT);  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

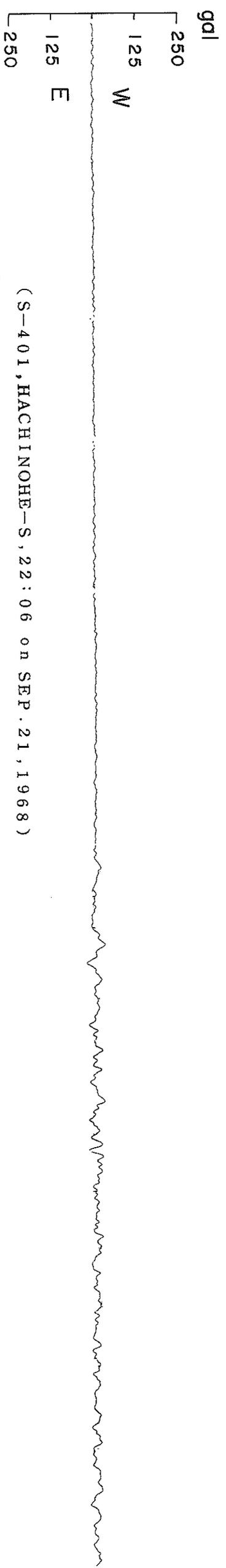
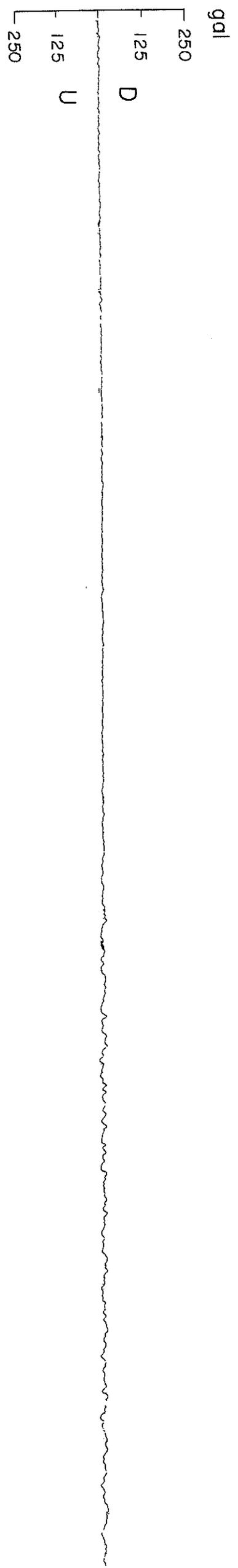
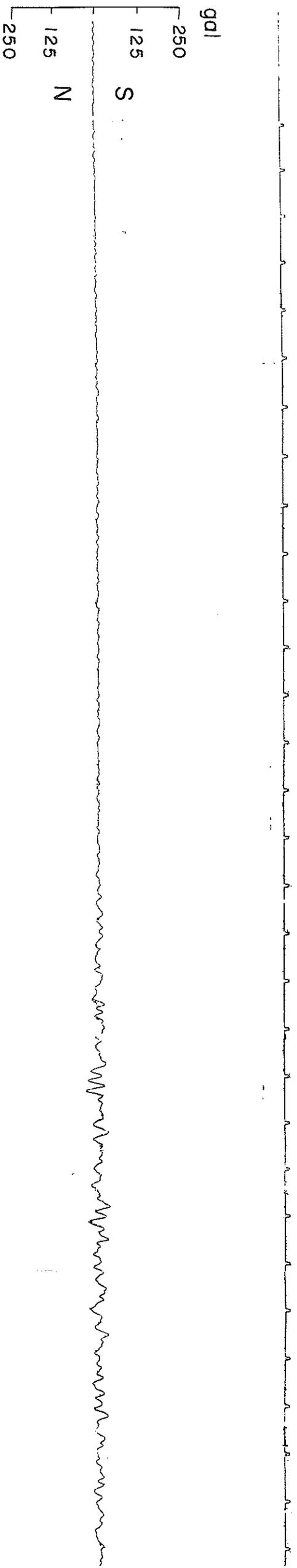
M	PERIOD	FREQU.	AM	SM	CM
1	5.0000	0.2000	0.1759646E 001	0.1273948E 001	0.2171808E 001
2	2.5000	0.4000	-0.4627517E 000	0.6066052E 000	0.7629607E 000
3	1.6667	0.6000	-0.7541808E 001	0.4063935E 001	0.8568004E 001
4	1.2500	0.8000	0.1383294E 001	-0.5603777E 001	0.5769073E 001
5	1.0000	1.0000	-0.9499466E 000	-0.3663766E 001	0.3782008E 001
6	0.8333	1.2000	0.2209442E 001	0.3563816E 001	0.4193137E 001
7	0.7143	1.4000	0.6948452E 001	-0.6883395E 000	0.3999798E 001
8	0.6250	1.6000	0.2200145E 001	-0.3055482E 001	0.3765995E 001
9	0.5556	1.8000	-0.2593995E 000	-0.2065515E 001	0.2139926E 001
10	0.5000	2.0000	-0.6546001E 000	-0.1642654E 001	0.1760974E 001
11	0.4545	2.2000	0.2158895E 000	-0.8963852E-001	0.5292364E 000
12	0.4167	2.4000	-0.8438154E-001	-0.7377848E 000	0.7624684E 000
13	0.3846	2.6000	0.2535569E 000	-0.1483887E 001	0.1502437E 001
14	0.3571	2.8000	-0.7082985E 000	-0.9217784E 000	0.1170426E 001
15	0.3333	3.0000	0.2855189E-001	-0.7128302E 000	0.7733574E 000
16	0.3125	3.2000	0.1271748E 000	0.777218E 000	0.7880512E 000
17	0.2941	3.4000	0.4509465E 000	-0.4121928E 000	0.6109466E 000
18	0.2778	3.6000	-0.2276431E 000	-0.1112794E 001	0.1231551E 001
19	0.2632	3.8000	0.6483608E 000	-0.1442079E 001	0.1483552E 001
20	0.2500	4.0000	-0.1596407E 001	0.1067801E 001	0.1920603E 001
21	0.2381	4.2000	0.2570356E 000	0.5677384E 000	0.7953711E 000
22	0.2273	4.4000	0.8844510E 000	-0.1613938E 001	0.1844780E 001
23	0.2174	4.6000	-0.1116292E 001	-0.7415825E 000	0.1337727E 001
24	0.2086	4.8000	0.7581571E-001	0.1168770E 001	0.1171226E 001
25	0.2000	5.0000	0.5641428E 000	0.263305E-001	0.5647593E 000
26	0.1923	5.2000	-0.4769545E-001	-0.1353500E 001	0.1354340E 001
27	0.1852	5.4000	0.4500115E-001	-0.5652639E 000	0.5670524E 000
28	0.1786	5.6000	-0.6964438E 000	0.3295940E 000	0.7838454E 000
29	0.1724	5.8000	-0.4724751E 000	0.4162395E 000	0.6298713E 000
30	0.1667	6.0000	-0.2157383E 000	-0.8411120E-001	0.2315549E 000

FOURIER ANALYSIS

RECORDS=400 COMPONENT=E-W SIGNAL=GR.ACC. CURVECTION=ARC.ERR. STATION=AOMORI-TS  
 DATE AND TIME=1968-09-21-22-06 EARTHQUAKE=1968-TOKACHIOKI SAMPLING INTERVAL= 0.0100(SEC)  
 TOTAL NUMBER OF DATA= 5950 DATA USED = 200 TIME LENGTH = 5.00J(SEC) MMIN = 1 MMAX = 50  
 DATA SKIPPED = 200

NOTE AM IS AMPLITUDE OF COS(WMT),  
 BM IS AMPLITUDE OF SIN(WMT),  
 CM=(AM\*\*2+BM\*\*2)\*\*0.5

M	PERIOD	FREQU.	AM	BM	CM
31	0.1613	6.2000	-0.2459627E 000	-0.3665960E 000	0.4169675E 000
32	0.1562	6.4000	-0.3954875E 000	0.3163486E 000	0.5062579E 000
33	0.1515	6.6000	0.6298207E 000	-0.1353384E-001	0.3501003E 000
34	0.1471	6.8000	-0.1268768E 000	-0.3465929E 000	0.3690859E 000
35	0.1429	7.0000	-0.1413244E 000	-0.1153972E 000	0.1822634E 000
36	0.1389	7.2000	-0.3034899E 000	0.2209828E 000	0.3754191E 000
37	0.1351	7.4000	0.2189552E 000	0.1029377E-001	0.2191970E 000
38	0.1316	7.6000	-0.5200051E-001	0.1157115E 000	0.1281721E 000
39	0.1282	7.8000	0.6139640E 000	-0.2673818E 000	0.4121966E 000
40	0.1250	8.0000	-0.5875052E-001	-0.102537E 000	0.1097092E 000
41	0.1220	8.2000	-0.9486615E-001	0.9964525E+001	0.1675818E 000
42	0.1190	8.4000	0.1440355E 000	-0.6299150E-001	0.1572074E 000
43	0.1163	8.6000	0.5990653E-001	-0.2132921E 000	0.2215453E 000
44	0.1136	8.8000	-0.9109978E-001	-0.322108E-001	0.9766415E-001
45	0.1111	9.0000	0.1105010E 000	0.2637556E-001	0.1136052E 000
46	0.1087	9.2000	0.2111539E 000	-0.9179259E-001	0.2302429E 000
47	0.1064	9.4000	0.1601648E 000	-0.2263396E 000	0.2872130E 000
48	0.1042	9.6000	-0.1314344E 000	-0.3153928E 000	0.3421451E 000
49	0.1020	9.8000	-0.1008148E 000	-0.1443585E 000	0.1758308E 000
50	0.1000	10.0000	0.7989090E-002	-0.5803277E-001	0.5863953E-001



(S-401, HACHINOHE-S, 22:06 on SEP. 21, 1968)



港 灣 技 研 資 料      No. 80

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