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STRONG-MOTION EARTHQUAKE RECORDS ON  
THE 1978 IZU-OSHIMA-KINKAI EARTHQUAKE IN PORT AREAS  
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1978年伊豆大島近海の地震の港湾地域における強震記録

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EARTHQUAKE IN PORT AREAS**

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\* Abbreviations used above: AR : Analog record (computer plots of digitized record)  
IR : Integrated velocities and displacements ( ditto )  
RS : Response spectra  
NR : Numerical tables of response spectra  
FS : Fourier spectra

# 1978年伊豆大島近海の地震の港湾地域における強震記録

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## 要 旨

1978年1月14日12時24分に伊豆半島と伊豆大島との間の海底でマグニチュードが7.0の地震が発生した。気象庁の発表では、伊豆半島東海岸で震度VからVI、伊豆大島、横浜では震度Vの強震動を感じられ、有感域は北は北海道の帯広から西は山陰の松江までに及んだ。気象庁はこの地震を「1978年伊豆大島近海の地震」と命名した。

この地震による被害は伊豆半島の南部に集中し、おもに東伊豆町と河津町において、死者26名をだす激しい被害が発生した。被害のほとんどは、地すべり、土砂崩壊、落石、断層などの地盤破壊に伴ったもので、これにより、建物が埋まり、道路、鉄道が寸断され、鉱さいを貯めた押止堤が崩壊して大量の鉱さいが流出し下流河川に被害を及ぼした。港湾の施設の被害は伊豆半島の下田、宇久須、松崎の各港湾、および稲取、下河津、石部、田子、安良里、八木沢の各漁港で生じた。運輸省、農林省の所管する岸壁や防波堤、護岸等の公共施設の被害額は港湾で600万円、漁港で2億3800万円と報告されている。

港湾地域における強震観測では本震の記録を鹿島港、千葉港、東京港、川崎港、横浜港、横須賀港、清水港、衣浦港、名古屋港、四日市港の19観測地点で得られた。これらの記録で最も大きな加速度は清水港において93ガルが観測されている。翌15日7時31分にはマグニチュード5.8の地震が伊豆半島中部で発生した。この地震は最も大きい規模の余震で、横浜港、横須賀港、田子の浦港、清水港、名古屋港の10観測地点で記録が得られた。気象庁発行の地震火山概況によれば、震度II以上の余震は14日午後から16日にかけて前記の余震を除くと10回発生しており、これらの地震による記録は田子の浦と清水の両港の観測地点においてのみ観測された。この1978年伊豆大島近海の地震とその余震による記録として観測地点から耐震構造研究室に1978年1月末までに届いた記録数は63本であった。これらの記録の中には対応する地震が不明なものが24本含まれており、その地盤上を対象とする記録の最大加速度は2ガル以下である。

本資料では、地震との対応がはっきりした記録のすべてについて、地震のデータとともに各記録の成分別の最大加速度を添えて観測表に示した。この地震のデータは気象庁発行の地震月報による。本震の記録の港研-S、港研-M、山下変-S、清水工場-S、清水三保-S、興津-S、川崎第5地-Mの各観測地点のものと、最大規模の余震の記録では田子の浦-S、清水工場-S、清水三保-Sの記録について、

- 1) 加速度波形
- 2) 積分により求めた速度、および変位波形
- 3) 応答スペクトル
- 4) フーリエスペクトル
- 5) 加速度記録の数値表

を示した。この資料の形式はフーリエスペクトルを除き強震観測年報に準じている。

この資料にあるフーリエスペクトルは高速フーリエ変換の手法により求めたスペクトル値をバンド幅が1ヘルツのParzenウィンドウを用いて平滑化したものである。スペクトルの計算に用いた記録の範囲はその最大値を含む区間を選び、その区間長の標準としては約20秒間を採用している。区間長をTUSとし、スペクトルを求めた区間の始点

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と記録の始点との時間長をTSKとして、ともに秒の単位で図中に示した。フーリエスペクトルは応答スペクトルと同様にそれぞれの強震計の計器特性の補正をおこなった加速度記録より求めている。

SMAC-B<sub>2</sub>強震計の記録紙送り速度は正規の速度に達するまで約2秒間程度かかる。したがってこの紙送り速度の立上り補正が必要であり、別資料「強震記録のデジタル化と補正」でその補正の方法を提案しているが、この資料にある記録の立上り補正で用いた方法は前記の補正方法と若干異っている。その詳細は本文中で説明する。この資料中の清水工場-Sの記録の立上り補正は他の観測地点の記録の立上り補正とは若干異なっている。清水工場-Sの強震計の紙送りの立上りは他の強震計に比べ悪く、タイムマークの幅が一定の間隔になるまでの記録始点からの距離は4.2 cmで、他の強震計は1.4 cmであることに比べて約3倍の時間を要していた。後日、専門技術者の点検により駆動ゼンマイの故障が原因であることが判り修理された。本震、余震の2つの清水工場-Sの記録では紙送り速度の立上り以外に異常な現象は見られなかった。

# STRONG-MOTION EARTHQUAKE RECORDS ON THE 1978 IZU-OSHIMA-KINKAI EARTHQUAKE IN PORT AREAS

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## Synopsis

This report presents the strong-motion earthquake records of the 1978 Izu-Oshima-Kinkai earthquake and five major aftershocks recorded in port areas in Japan. In the report the event data of the earthquakes and the maximum component accelerations of all the records are listed. For seven records of the main shock and three records of the largest aftershock, acceleration time histories, integrated velocities and displacements, response spectra, Fourier spectra, and listing of the digitized records are presented. The format and procedures for data processing of the report is almost identical with those of the preceding annual report.

## 1. Introduction

An earthquake of magnitude 7.0 hit the Izu peninsula on January 14, 1978, causing damage to human beings, engineering structures, and natural slopes. The epicenter was located at about 120 km south west of Tokyo. The earthquake was named as "Izu-Oshima-Kinkai earthquake," by the Japan Meteorological Agency (JMA).

The main shock and following aftershocks triggered many strong-motion accelerographs of the network of the Port and Harbour Research Institute (PHRI). Accelerographs at 19 stations were triggered by the main shock. The record of the largest peak acceleration was recovered in Shimizu Port, and the acceleration was 95 Gals.

The strong-motion earthquake records from the PHRI network were used to be published as annual reports (1 through 13 in References). The records of the 1968 Tokachi-Oki earthquake, however, were published separately from the annual report, because of a large amount of records and specially significant interest of strong-motion record users to the records of that earthquake (14). The publication was extremely successful and provided a very convenient compilation of the records to the users. Based on this experience, this special report was planned to be published.

This report presents followings on the strong-motion earthquake records, from the PHRI network, of the 1978 Izu-Oshima-Kinkai earthquake and its major aftershocks.

- i) Strong-Motion Earthquake Observation Results (They are lists of event data and all the strong-motion earthquake records recovered in the PHRI network)
- ii) Analog reproductions of original records
- iii) Instrument corrected accelerations, integrated velocities, and integrated displacements
- iv) Response spectra (Curves and numerical tables)
- v) Fourier spectra
- vi) Listing of original digitized records without instrument correction

The format of the publication and the procedures for data processing are almost identical with those of the preceding annual report (13) except a few points to be described in the following sections of this report.

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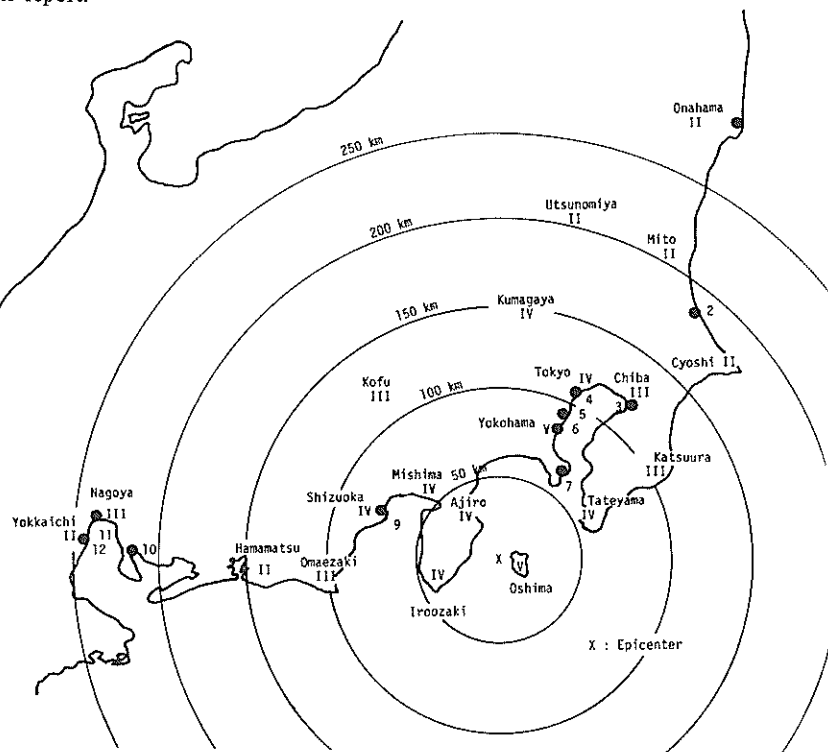
The strong-motion earthquake observations are being carried out by several organizations and agencies in Japan. Therefore, beside the records in this report, there are many other records of the 1978 Izu-Oshima-Kinkai earthquake. The nationwide compilation of the strong-motion earthquake records of the earthquake is available separately (15).

The strong-motion earthquake observation in port areas in Japan has been being performed by the PHRI in co-operation with the following organizations:

- Bureau for Ports and Harbours, Ministry of Transport;
- Regional Bureaus for Port Construction, Ministry of Transport;
- Port and Harbour Division, Hokkaido Development Bureau, Hokkaido Development Agency;
- Okinawa General Office, Okinawa Development Agency; and
- Harbour Bureaus (Sections) of Prefectural Governments (Tokyo, Osaka, Iwate, Shizuoka, and Miyazaki).

## 2. Earthquakes

The main shock and five major aftershocks were selected, and strong-motion earthquake records produced by them are listed in "Strong-Motion Earthquake Observation Results" which are presented in the later part of this report. There are some other strong-motion earthquake records by other aftershocks; however, it was not clear which aftershocks produced those records. Therefore, such records are not listed in this report.

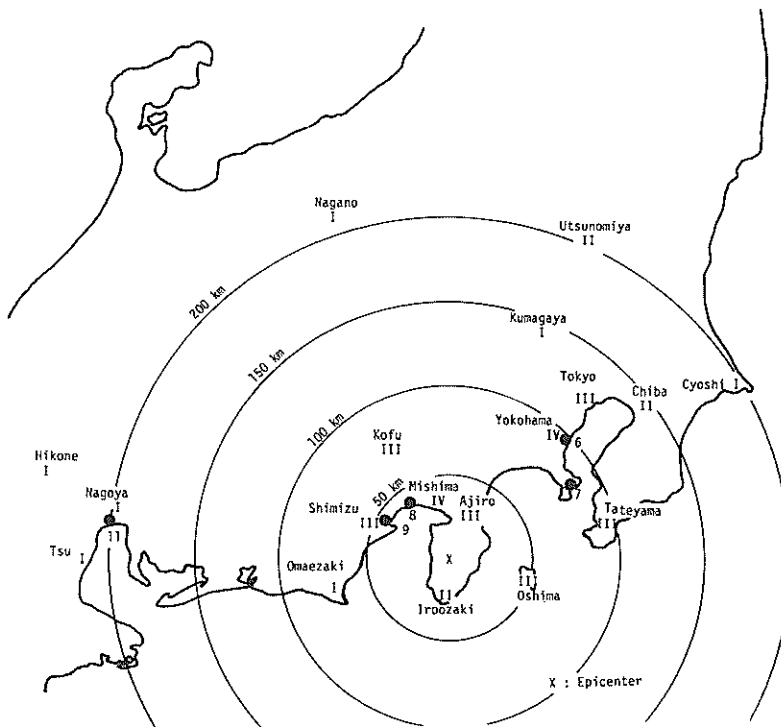


Roman numerals are seismic intensities.

Arabic numerals are ports where strong-motion earthquake stations are located.

The numerals correspond to Nos. of port in Table 2.

Fig. 1 Epicenter and seismic intensities of main shock of January 14, 1978 (12:24) and locations of stations



Roman numerals are seismic intensities.  
 Arabic numerals are ports where strong-motion earthquake stations are located.  
 The numerals correspond to Nos. of port in Table 2.

Fig. 2 Epicenter and seismic intensities of aftershock of January 15, 1978 (07:31) and locations of stations

Table 1 JMA Seismic Intensity Scale (After Ref. 16)

0: NO FEELING	Shocks too weak to cause human feelings and registered only by a seismograph.
I: SLIGHT	Extremely feeble shocks only felt by persons at rest or by those who are observant to an earthquakes.
II: WEAK	Shocks felt by most persons, slight shaking of doors and Japanese latticed sliding doors (shoji).
III: 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.
IV: STRONG	Strong shaking of houses and buildings, overturning of unstable objects, spilling of liquids out of vessels.
V: VERY STRONG	Cracks in the walls, overturning of gravestones, stone lanterns etc., damage to chimneys and mud-and-plaster warehouses.
VI: DISASTROUS	Demolition of houses by less than 30% in total number, landslips, fissures in the ground etc.
VII: VERY DISASTROUS	Demolition of houses by more than 30%, intense landslips, large fissures in the ground, faults.

The main shock was preceded by some shocks, and those foreshocks produced strong-motion earthquake records which are not included in this report. It will be noted that, at the station in Tagonoura Port, the main shock arrived when the record of the foreshock was being taken out. Therefore, the main shock was not recorded at Tagonoura Port.

The event data of the main shock and the aftershocks selected are to be presented in "Strong-Motion Earthquake Observation Results," together with the maximum component accelerations of the records.

The location of epicenter of the main shock and seismic intensities in the JMA intensity scale at various places are presented in Fig. 1. The Roman numerals in the figure indicate the seismic intensities. The JMA seismic intensity scale is given in Table 1. Fig. 2 shows the location of epicenter and seismic intensities of the aftershock of January 15, 1978. The event data are based upon the publication of JMA (16).

### 3. Stations

The strong-motion earthquake observation stations of the PHRI network are shown in Table 2. The stations in the table are limited to those which recorded the main shock and/or the aftershocks. The ports where the stations are located are also indicated in Figs. 1 and 2 with Arabic numerals, which are corresponding with the port numbers in Table 2. Installation condition and accelerograph type of each station are also given in Table 2.

The accelerographs of the PHRI network are the SMAC-B2 accelerograph and the ERS accelerograph. Detailed description on instrument characteristics is available in the previous annual reports (For example, Reference 13).

Site data of the stations have been published separately (17 through 20). The number of Technical Note of PHRI in which the site data of each station are presented is given in Table 2.

The instruments named Koken-S and Koken-M are installed side by side to study difference of recorded motions due to difference in the instrument type.

### 4. Digitization and Analyses

In the annual report series, the digitized records were provided on the accelerograms of ground motions with a peak acceleration exceeding 50 Gals. In this report, however, the digitized records are provided on the accelerograms with maximum accelerations exceeding about 20 Gals for the sake of providing data to study attenuation and propagation problems.

The procedure to digitize the accelerograms, to correct and integrate the records, and to calculate the response spectra are mostly identical with those described in the preceding annual report (13). Only the correction for start up of recording paper drive of the SMAC-B2 accelerograph is different as below, because the correction procedure was slightly modified for the improvement after the preceding annual report had been published.

The descriptions in details on the digitization and the corrections are available in separate reports as well as in the preceding annual report (21 and 22).

The Fourier spectrum was not included in the preceding annual report. In this report, however, the Fourier spectrum is newly included. Although the velocity response spectrum is approximately equivalent with the Fourier spectrum, the response spectrum curve in this report is a plot against period in a linear scale and it is not suitable for showing the frequency characteristics of a record in a short period range. Therefore, it is convenient for that purpose if the Fourier spectrum is plotted against frequency. That is the major reason that the Fourier spectrum is decided to be included in this report.

#### (1) Correction for start up of recording paper drive

The variation of recording paper speed of the SMAC-B2 accelerograph is represented by the following



Table 2 Strong-Motion Earthquake Stations of PHRI, recorded main shock and/or aftershocks

No. of port*	Name of Port	Name of station	Type of accelerograph	Installation condition	Ref. No.**
1	Onahama Port	Onahama-S	SMAC-B2	on ground	34
2	Kashima Port	Kashima-zokan-S	SMAC-B2	on ground	298
3	Chiba Port	Chiba-S	SMAC-B2	on ground	107
4	Tokyo Port	Shimizu-kojyo-S	SMAC-B2	on ground	34, 107
5	Kawasaki Port	Kawasaki-dai5-ko-M	ERS-B	on structure	34
		Kawasaki-dai5-chi-M	ERS-B	on ground	34
6	Yokohama Port	Yamashita-hen-S	SMAC-B2	on ground	34
		Yamashita-dai6-S	SMAC-B2	on structure	34
7	Yokosuka Port	Koken-S	SMAC-B2	on ground	34
		Koken-M	ERS-B	on ground	34
8	Tagonoura Port	Tagonoura-S	SMAC-B2	on ground	107
9	Shimizu Port	Shimizu-kojyo-S	SMAC-B2	on ground	34, 156
		Okitsu-S	SMAC-B2	on ground	298
		Shimizu-miho-S	SMAC-B2	on ground	298
		Shimizu-sekitan-M	ERS-B	on structure	34
10	Kinuura Port	Kinuura-ji-S	SMAC-B2	on ground	298
11	Nagoya Port	Nagoya-zokan-S	SMAC-B2	on ground	34, 156
		Nagoya-inae-S	SMAC-B2	on structure	34
		Inae-sanbashi-M	ERS-B	on structure	34
		Inae-yaita-M	ERS-B	on structure	34
12	Yokkaichi Port	Yokkaichi-sekitan-M	ERS-B	on structure	34
		Yokkaichi-dai2-M	ERS-B	on structure	34

\* The numbers correspond to those in Fig. 1 and Fig. 2.

\*\* The numbers correspond to those of the Technical Note of Port and Harbour Research Institute, in which the site condition of the station is given.

equation which is based on the tests made by the authors.

$$v = \left[ 1 - \frac{1}{b^2} (t - t_0)^2 \right] v_a \quad 0 \leq t \leq t_0$$

$$v = v_a \quad t_0 < t$$

where;  $v$  : paper speed at time  $t$  (cm/sec)

$v_a$  : paper speed after reaching constant speed (cm/sec)

$t$  : time after triggering (sec)

$t_0$  : constant (sec)

$b$  : constant (sec)

If  $t_0$  and  $b$  are given, the correction for the start up of recording paper drive is simple problem.

For the correction of the digitized records in the preceding annual report,  $t_0 = 2.0$  sec and  $b = 2.0$  sec were used. After the annual report had been published, it was found that more appropriate correction would be possible with a slight modification of  $t_0$  value. For the correction of the most of the digitized records in this report,  $t_0 = 1.9$  sec was used.

The records from the Shimizu-kojyo-S station were exceptional. At the time of the earthquakes included in this report, the instrument at that station had some trouble in a spring motor and the paper speed increased rather slowly reaching the normal constant speed. Based on a careful examination of the time marks of the records,  $t_0 = 5.7$  sec and  $b = 6.0$  sec were used for the correction of the records recovered at the Shimizu-kojyo-S station.

## (2) Fourier spectrum

The Fourier spectra presented in this report were calculated by means of the Fast Fourier Transform (FFT) program. The record length used for the calculation is indicated as TUS with each spectrum curve. It is normally 20.48 seconds. The time difference between the origin of the digitized record and the beginning point of the record segment used for the Fourier spectrum calculation is indicated as TSK in seconds with each spectrum curve. The calculated spectra by the FFT program were smoothed with the Parzen window of 1 Hz band width.

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- 22) Susumu Iai and Eiichi Kurata: Integration of Strong-Motion Accelerograms, Proceedings of the 5th Japan Earthquake Engineering Symposium, November 1978, pp. 225-232.

Observation Results  
and  
Preliminary Analyses

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	12:24 January 14, 1978	Intensities
Location of Hypocenter		V Oshima Yokohama
Epicentral Region	Near Oshima	IV Tokyo Shizuoka Ajiro Irozaki
Latitude	34.8°N	Kumagaya Mishima Nijima Tateyama
Longitude	139.3°E	III Omaezaki Nagoya Kofu Katsuura
Depth	0 km	Chiba Kawaguchiko
Class		II Mito Cyoshi Osaka Hamamatsu Nara
Magnitude	7.0	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epicentral Distance(km)		NS	EW	UD
Koken-S	on ground	60	S-1046	19	18	10
Yamashita-hen-S	on ground	80	S-1058	46	46	9
Yamashita-dai6-S	on structure	80	S-1060	84	63	16
Shimizu-kojyo-S	on ground	76	S-1063	48	95	19
Shimizu-miho-S	on ground	75	S-1066	88	44	15
Okitsu-S	on ground	76	S-1071	16	25	8
Shinagawa-S	on ground	100	S-1076	15	13	4
Chiba-S	on ground	108	S-1077	10	10	5
Kashima-zokan-S	on ground	176	S-1078	5	4	1
Kinuura-S	on ground	216	S-1079	10	16	3
Nagoya-zokan-S	on ground	225	S-1080	13	10	5
Nagoya-inae-S	on structure	224	S-1081	14	11	4

(to be continued)

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS (continued)

EARTHQUAKE DATA

Date and Time	12:24 January 14, 1978	Intensities
Location of Hypocenter		II Fukushima Fukui Tsuruga Maebashi
Epicentral Region	Near Oshima	I Hachijyojima Sakata Maizuru Kobe
Latitude	34.8°N	Obihiro Matsuyama Saigo Shirakawa
Longitude	139.3°E	
Depth	0 km	
Class		
Magnitude	7.0	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epicentral Distance(km)		NS	EW	UD
Koken-M	on ground	60	M-170	24	31	
Yokkaichi-sekitan	on structure	243	M-183	10	24	
Yokkaichi-dai2-M	on structure	244	M-184	9		
Kawasaki-dai5-ko	on structure	88	M-185		57	
Kawasaki-dai5-chi	on ground	88	M-186	25	43	
Inae-sanbashi-M	on structure	224	M-187	19	24	
Inae-yaita-M	on structure	224	M-188	13	21	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	13:42 January 14, 1978	Intensities
Location of Hypocenter		III Oshima Tokyo
Epical Region	Central Izu Pen.	II Yokohama Kawaguchiko Ajiro
Latitude	34.8°N	Mishima
Longitude	138.9°E	I Kofu Shizuoka Irozaki Tsu
Depth	0 km	Matsumoto Maebashi Tateyama
Class		
Magnitude	5.1	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epical Distance(km)		NS	EW	UD
Tagonoura-S	on ground	38	S-1053	9	11	5
Shimizu-miho-S	on ground	41	S-1067	29	8	3
Okitsu-S	on ground	43	S-1072		1	1

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	03:46 January 15, 1978	Intensities
Location of Hypocenter		III Oshima Shizuoka
Epical Region	Central Izu Pen.	II Tokyo Irozaki Ajiro Mishima
Latitude	34.8°N	Tateyama Kawaguchiko
Longitude	139.0°E	I Yokohama Omaezaki Maebashi
Depth	0 km	Nagoya Iida
Class		
Magnitude	4.9	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epical Distance(km)		NS	EW	UD
Tagonoura-S	on ground	43	S-1054	5	9	3
Shimizu-miho-S	on ground	49	S-1068	4	3	3
Okitsu-S	on ground	51	S-1073		1	1

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	07:31 January 15, 1978	Intensities
Location of Hypocenter		IV Yokohama Mishima
Epicentral Region	Central Izu Pen.	III Tokyo Kawaguchiko Ajiro Kofu Shizuoka Oshima Tateyama
Latitude	34.8°N	II Irozaki Chiba Karuizawa Tsu Utsunomiya Ibukiyama
Longitude	138.9°E	I Nagano Chichibu Cyoshi Omaezaki Suwa Nagoya Tsuruga Yokkaichi
Depth	20 km	
Class		
Magnitude	5.8	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epicentral Distance(km)		NS	EW	UD
Koken-S	on ground	88	S-1047	3		3
Tagonoura-S	on ground	38	S-1055	23	24	14
Yamashita-hen-S	on ground	101	S-1059	8	10	4
Yamashita-dai6-S	on structure	101	S-1061	9	8	3
Shimizu-kojyo-S	on ground	42	S-1064	36	35	11
Shimizu-miho-S	on ground	41	S-1069	44	16	8
Okitsu-S	on ground	43	S-1074		21	5
Koken-M	on ground	88	M- 171	3	3	
Shimizu-sekitan-M	on structure	42	M- 181	70	29	
Inae-sanbashi-M	on structure	188	M- 189	13	21	

STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	07:36 January 15, 1978	Intensities
Location of Hypocenter		III Oshima Ajiro Mishima Shizuoka
Epicentral Region	Central Izu Pen.	II Tokyo Yokohama Tateyama Irozaki Kawaguchiko Kofu Maebashi
Latitude	34.8°N	I Nagano Karuizawa
Longitude	138.8°E	
Depth	10 km	
Class		
Magnitude	5.4	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epicentral Distance(km)		NS	EW	UD
Tagonoura-S	on ground	35	S-1056	11	16	8
Shimizu-kojyo-S	on ground	35	S-1065	16	19	6
Okitsu-S	on ground	36	S-1075		21	5



STRONG-MOTION EARTHQUAKE OBSERVATION RESULTS

EARTHQUAKE DATA

Date and Time	14:28 January 16, 1978	Intensities
Location of Hypocenter		III Oshima
Epicentral Region	Central Izu Pen.	II Ajiro Mishima Irozaki Yokohama
Latitude	34.8°N	I Tateyama Kawaguchiko Shizuoka
Longitude	138.9°E	
Depth	0 km	
Class		
Magnitude	4.7	

STRONG-MOTION ACCELEROGRAPH RESULTS

Station			Record Number	Max. Acceleration (gal)		
Abbreviated Name	Installation Condition	Epicentral Distance(km)		NS	EW	UD
Shimizu-miho-S	on ground	41	S-1070	1	1	

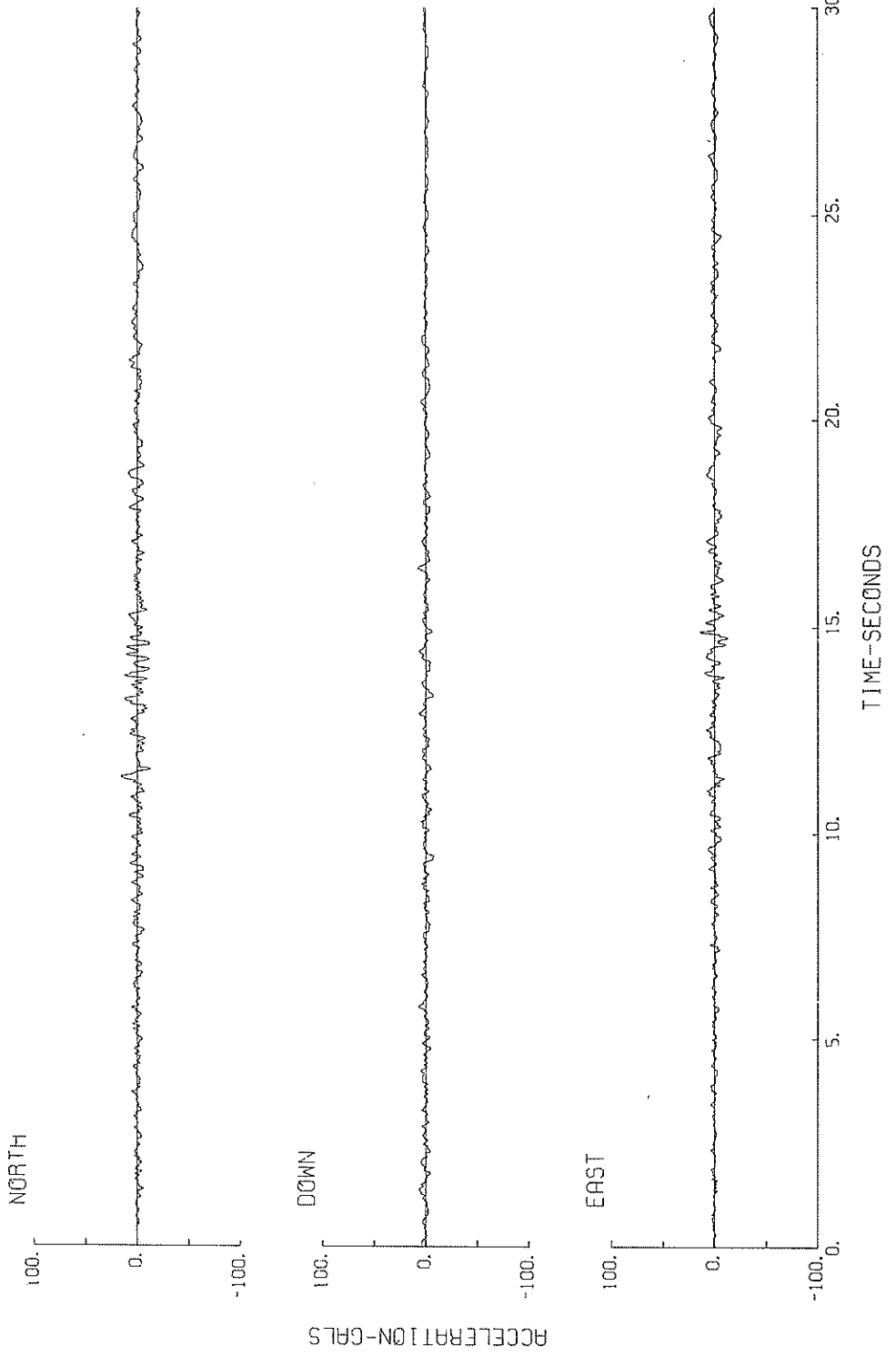
RECORD NUMBER                    S-1046  
 STATION                            KOKEN-S

EARTHQUAKE DATA

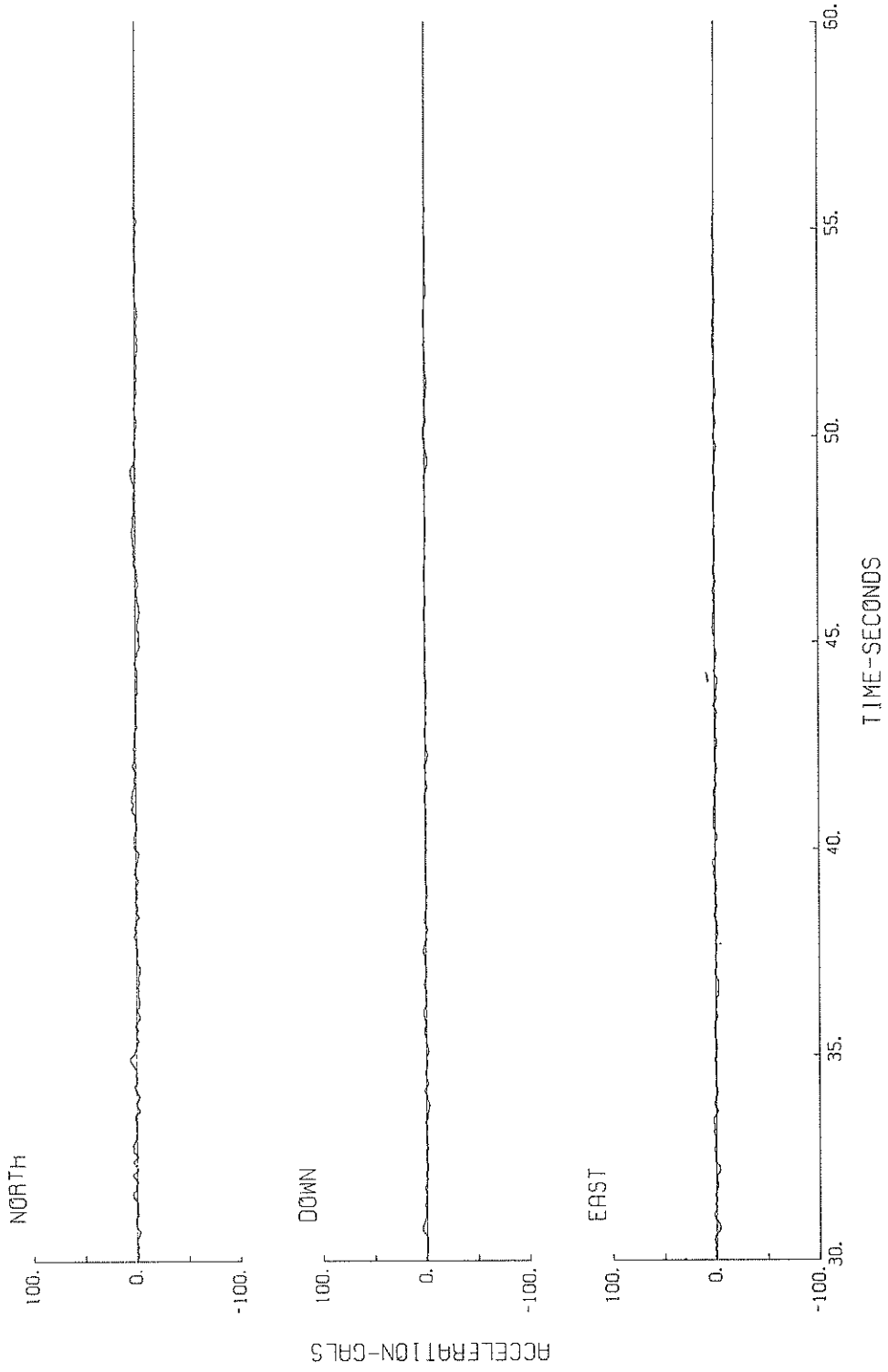
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*****
*
* DATE AND TIME                    12:24 JANUARY 14, 1978        *
*
* LOCATION OF HYPOCENTER                                               *
* EPICENTRAL REGION                NEAR OSHIMA                       *
* LATITUDE                          34.8 N                           *
* LONGITUDE                         139.3 E                           *
* DEPTH                              0 KM                             *
*
* MAGNITUDE                         7.0                               *
*
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	COMPONENT		
	NORTH	EAST	DOWN
PARAMETER OF THE VARIABLE FILTER	-----	-----	-----
FC (HZ)	0.143	0.423	0.509
MAXIMUM ACCELERATION (GAL)			
ORIGINAL	16.4	14.7	8.15
SMAC-B2 EQUIVALENT			
CORRECTED	23.9	25.8	9.73
MAXIMUM VELOCITY (CM/SEC.)			
FIXED FILTER	2.15	1.71	1.13
VARIABLE FILTER	1.71	1.15	0.78
MAXIMUM DISPLACEMENT (CM)			
FIXED FILTER	1.92	0.80	0.87
VARIABLE FILTER	1.25	0.23	0.10

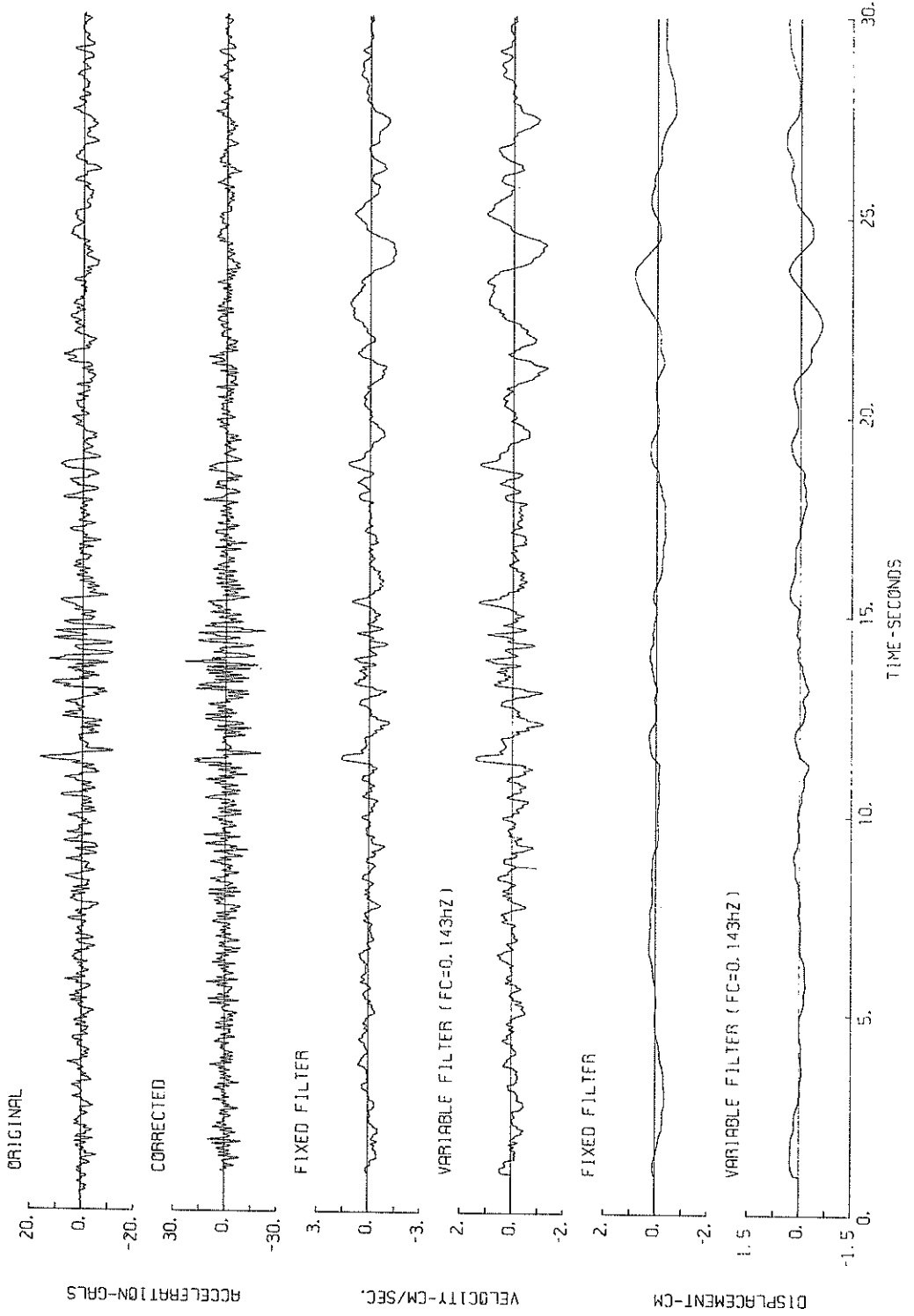
S-1046 KOKEN-S



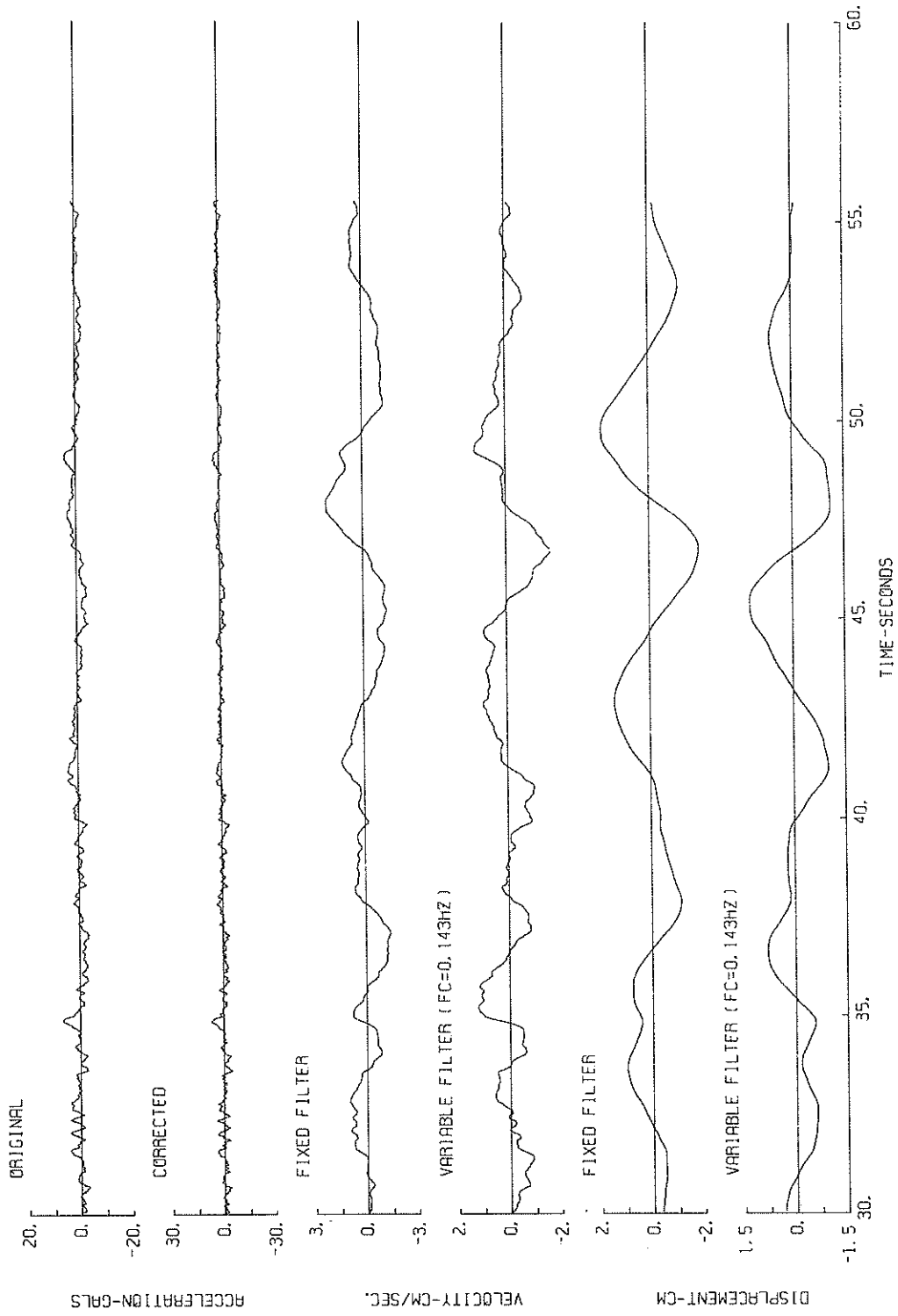
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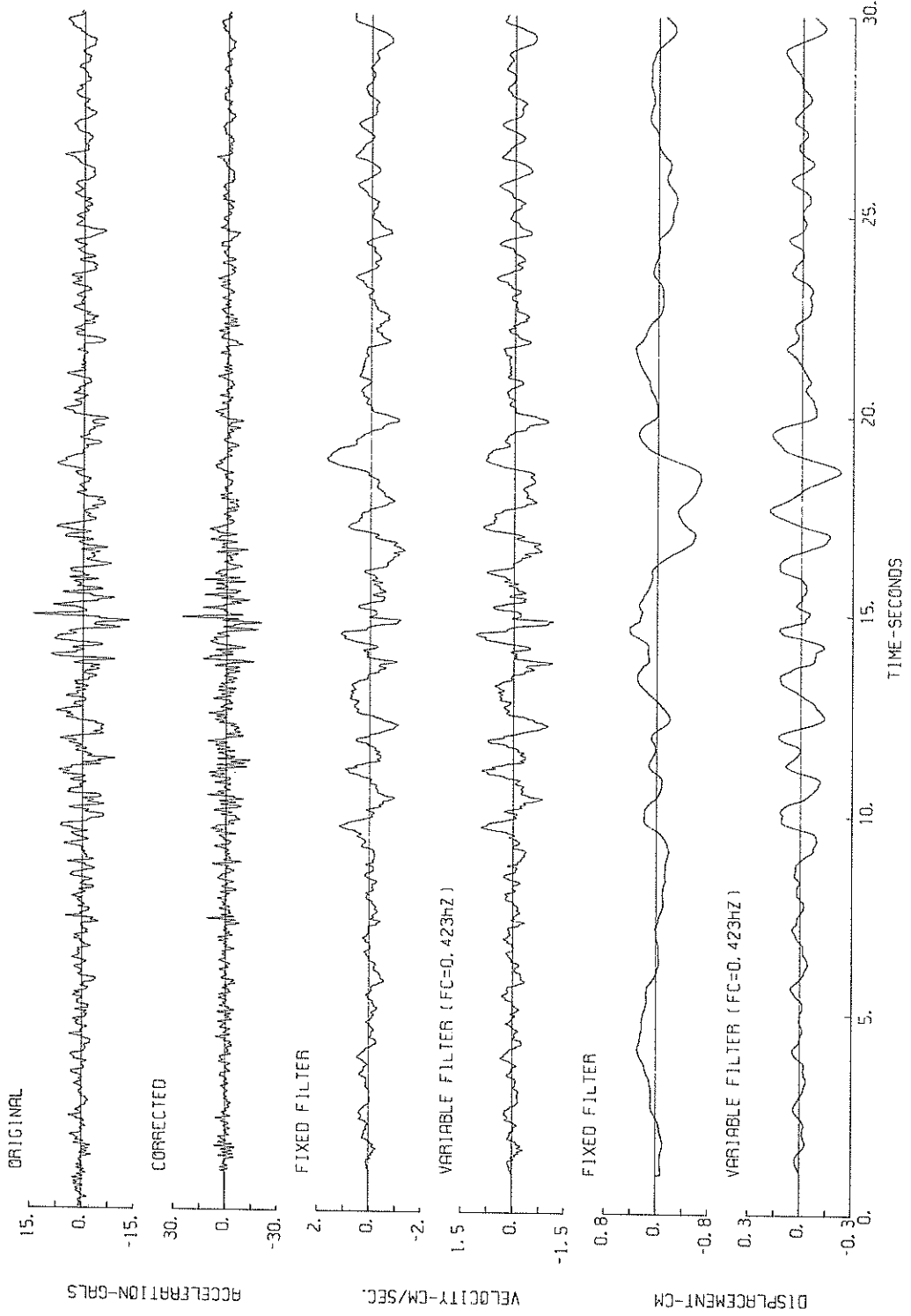
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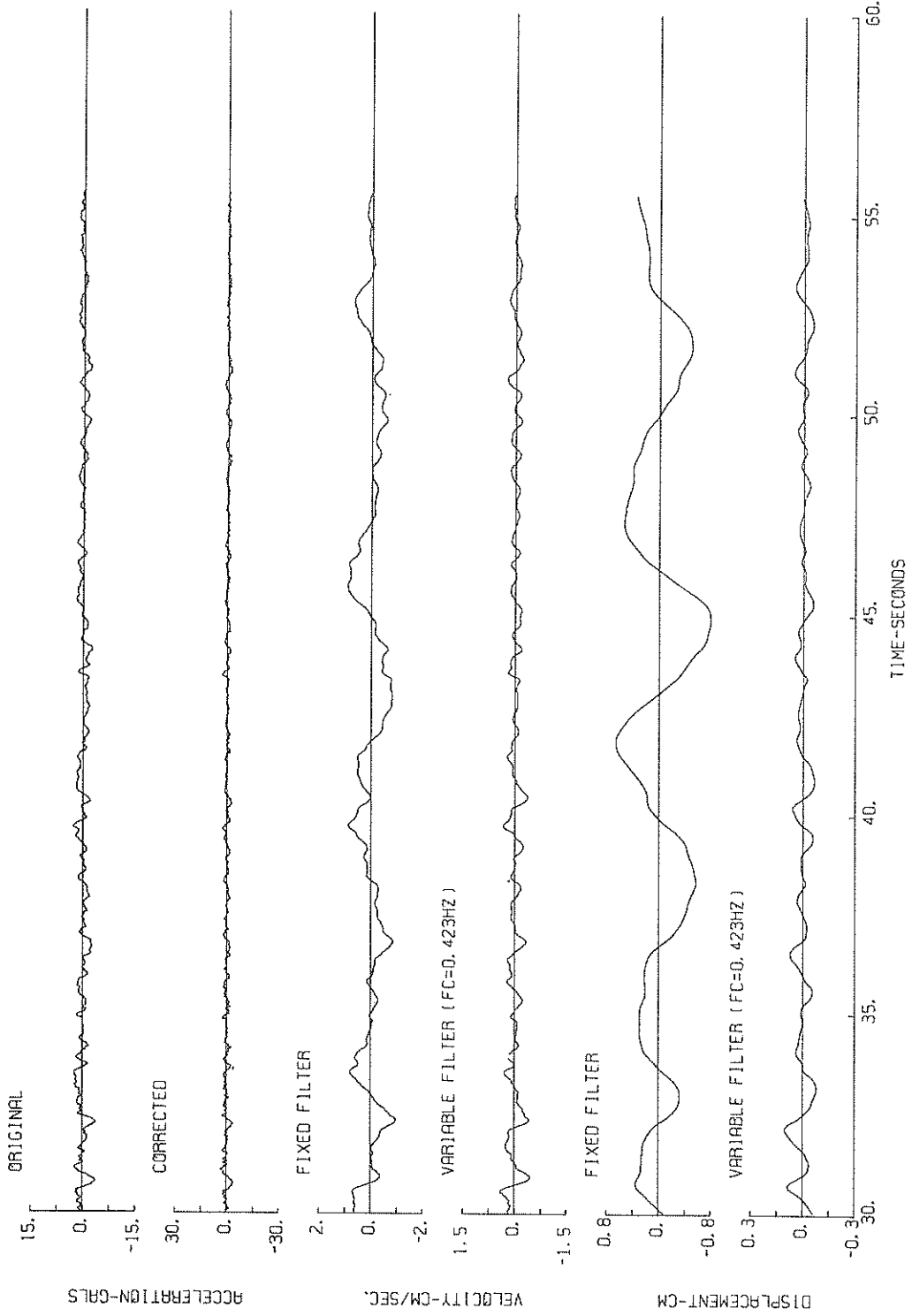
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S-1046 EAST KOKEN-S

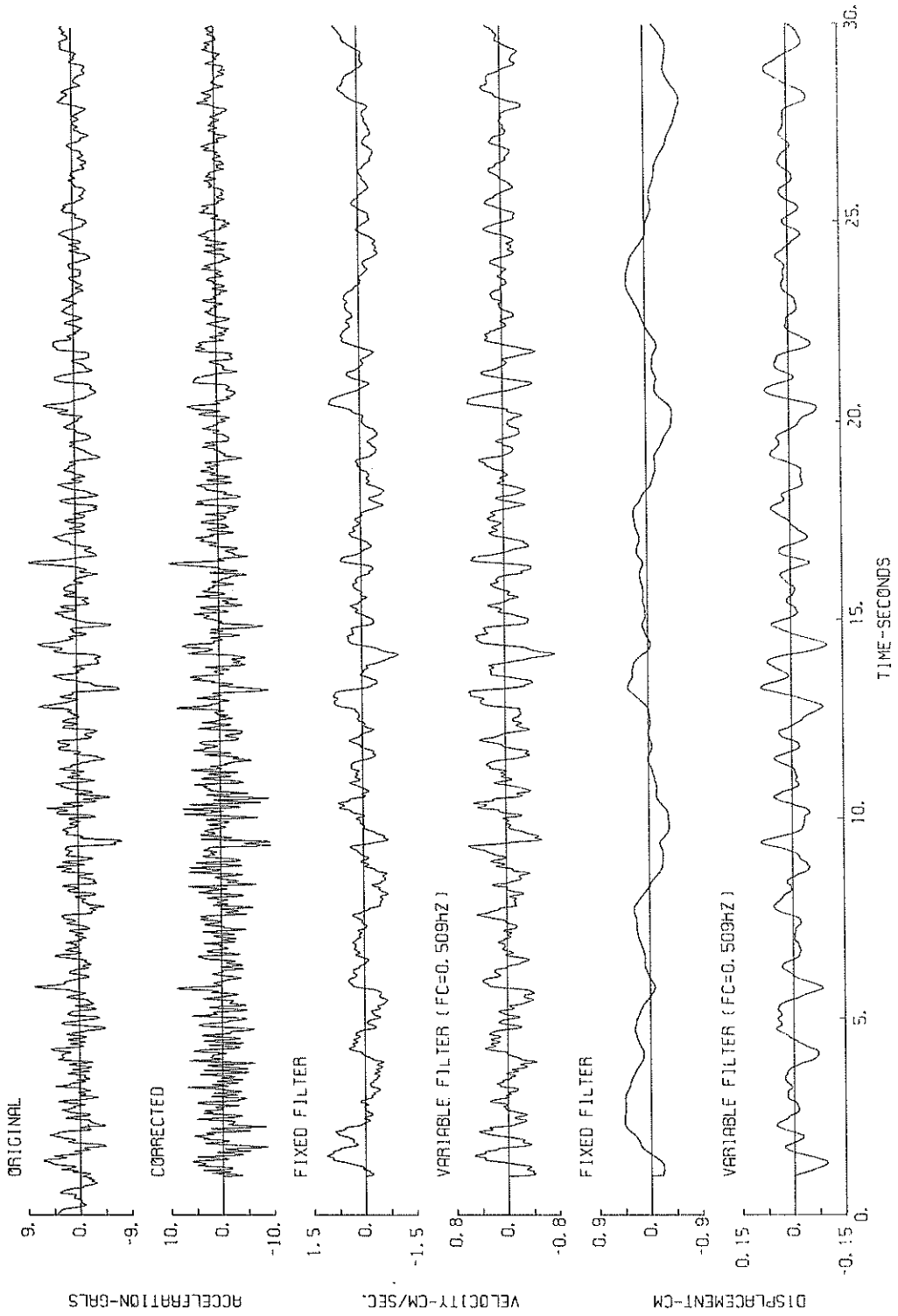


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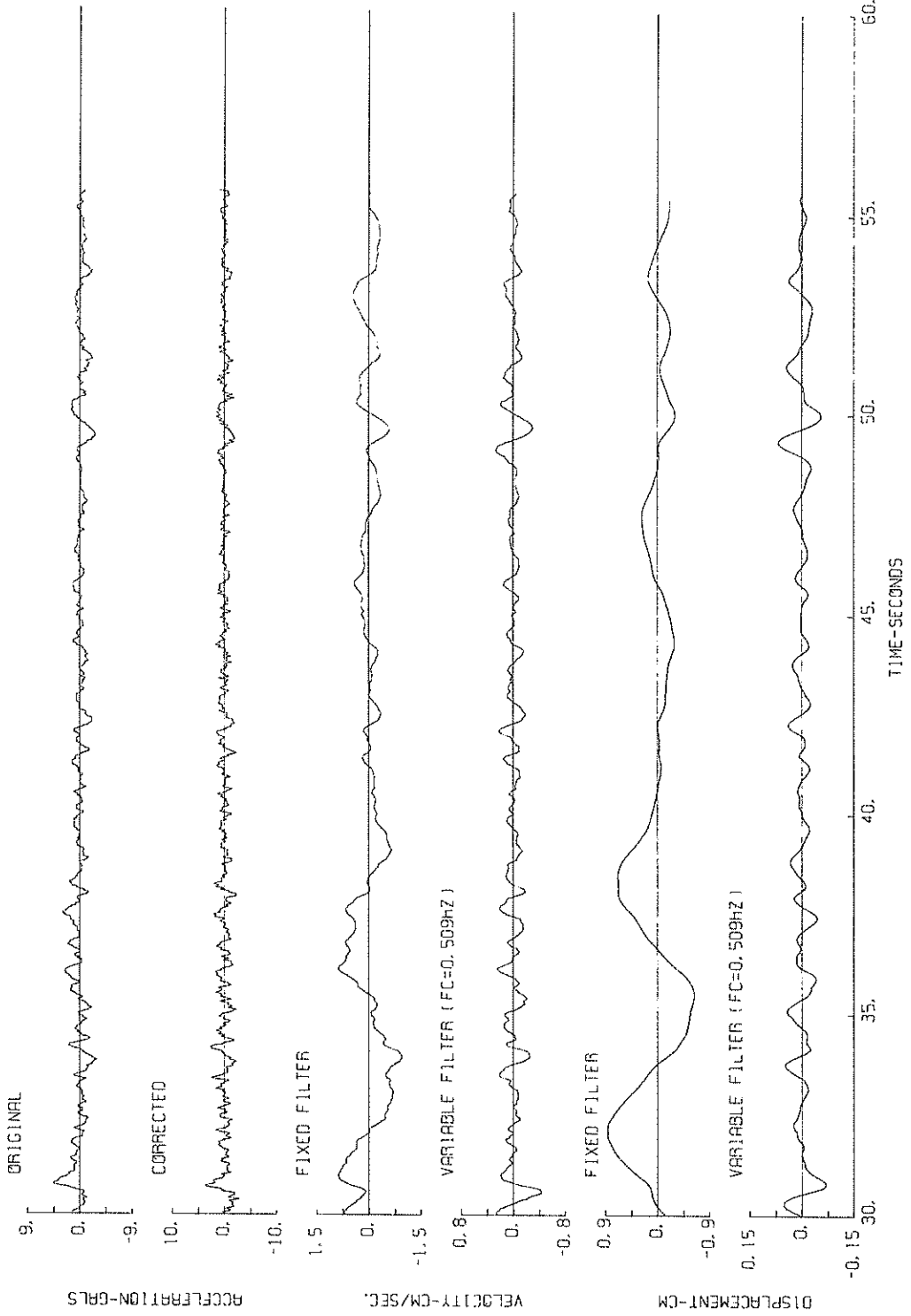




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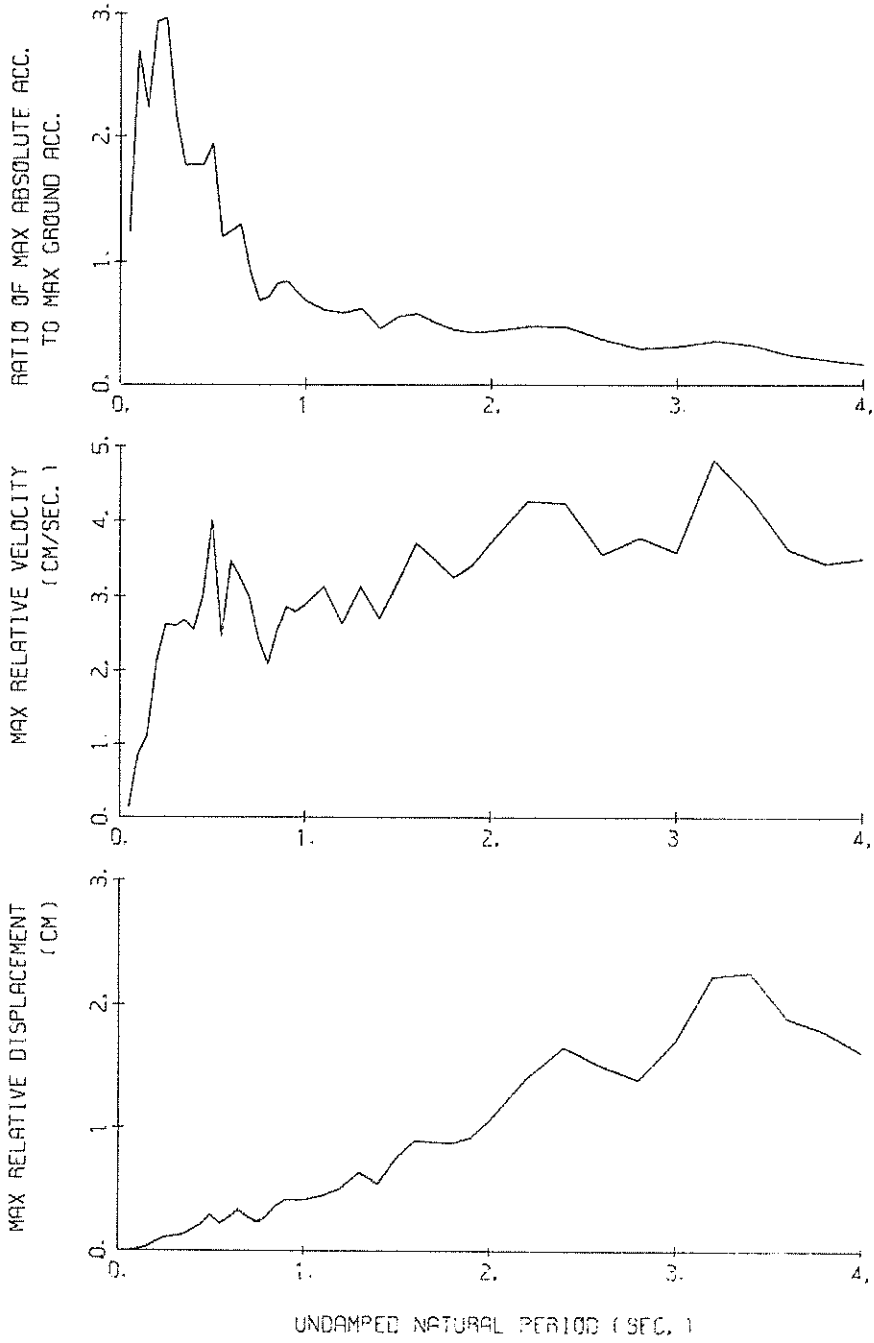


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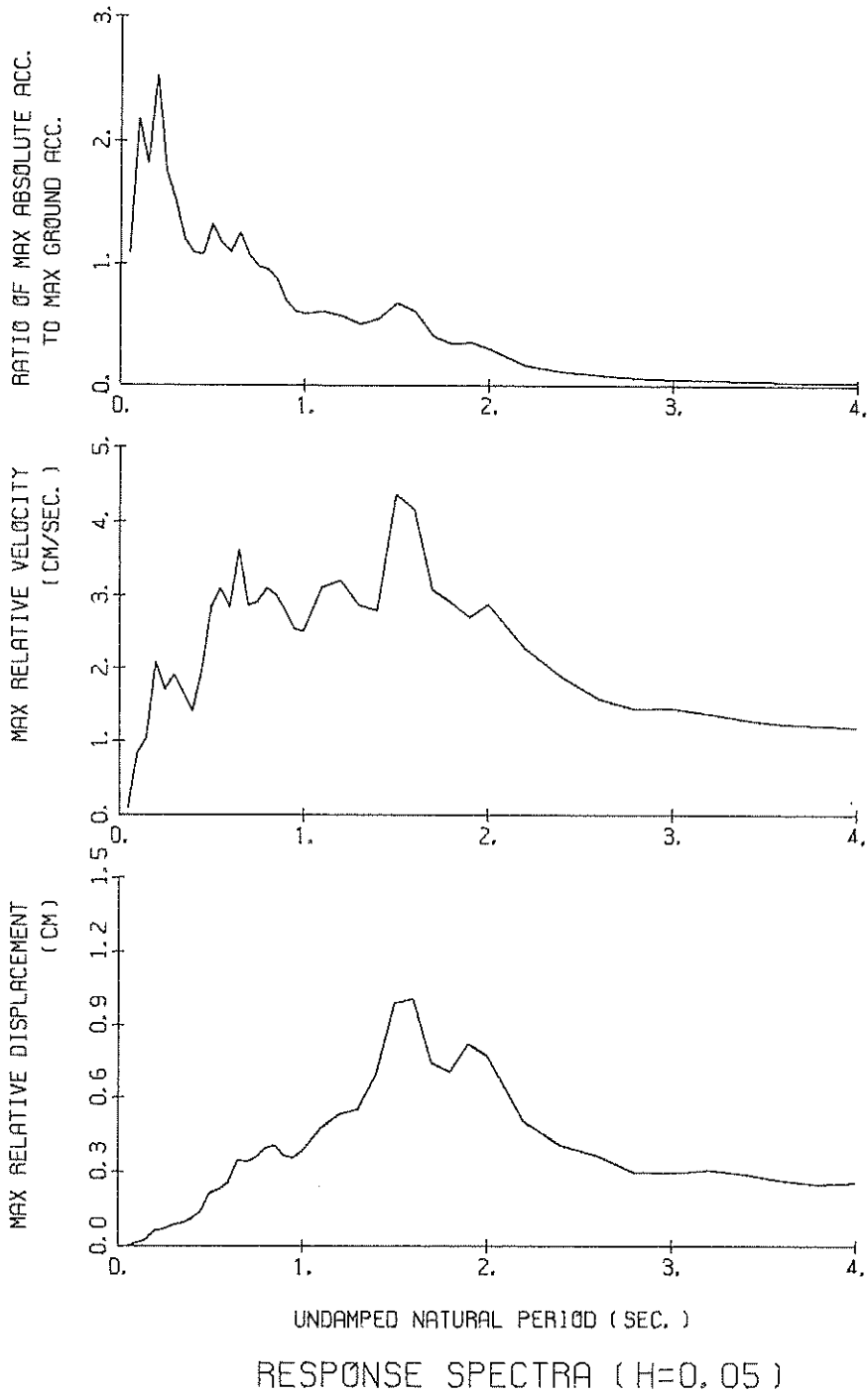
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(1/FC=6.99 sec.)



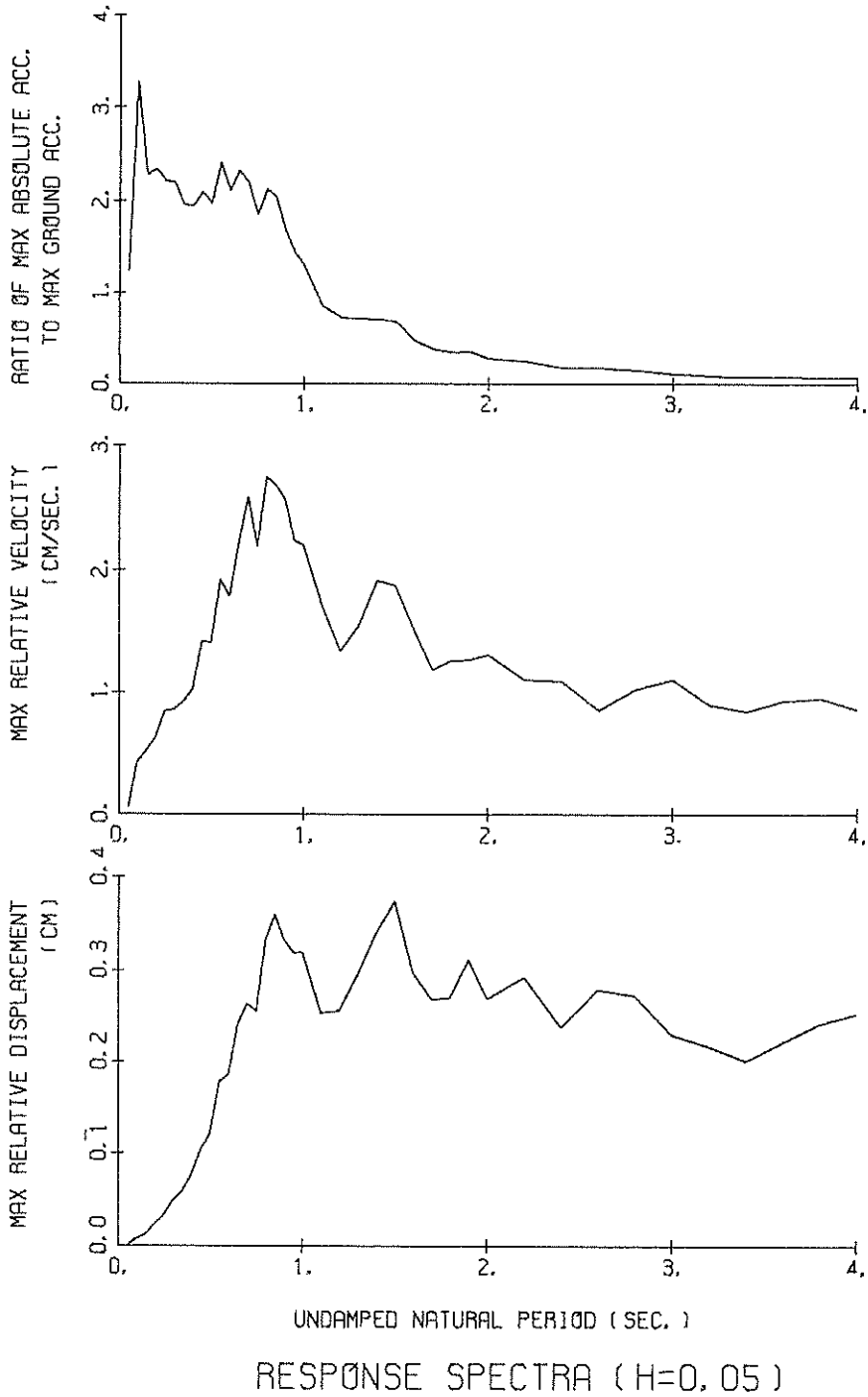
RESPONSE SPECTRA (H=0.05)

S-1046 EAST KOKEN-S  
(1/FC=2.36 sec.)



S-1046 DOWN KOKEN-S

(1/FC=1.96 sec.)



RESPONSE SPECTRUM

RECORD = S-1046 COMPONENT = NORTH SIGNAL = GR. ACC. CORRECTION = STATION = KOKEN-S  
 DATE AND TIME = 1978-01-14-12-24 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 23.89 (GAL)  
 TIME LENGTH = 40.00 (SEC) SKIPPED LENGTH = 1.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	39.5	0.20	0.003	28.9	0.10	0.002	29.2	0.10	0.002	29.1	0.09	0.002	28.0	0.08	0.002
0.10	231.7	3.62	0.059	69.0	0.97	0.017	64.3	0.84	0.016	54.5	0.66	0.014	38.4	0.38	0.009
0.15	285.4	6.86	0.163	11.6	1.45	0.035	53.3	1.11	0.030	48.1	0.93	0.027	37.2	0.66	0.019
0.20	370.2	11.74	0.375	79.6	2.48	0.081	70.1	2.12	0.071	52.7	1.65	0.053	32.3	0.94	0.030
0.25	461.6	6.29	0.256	86.1	3.23	0.136	70.9	2.63	0.111	52.7	1.98	0.081	29.5	1.06	0.041
0.30	268.5	12.73	0.612	74.4	3.56	0.170	51.9	2.60	0.118	38.5	1.86	0.088	25.4	1.09	0.050
0.35	157.7	8.77	0.489	57.5	3.53	0.179	42.3	2.69	0.131	29.0	1.82	0.086	23.6	1.06	0.063
0.40	115.7	7.26	0.469	52.1	3.18	0.212	42.4	2.55	0.172	31.1	1.86	0.123	22.6	1.33	0.082
0.45	78.8	5.84	0.404	53.0	3.68	0.271	42.3	2.99	0.216	34.0	2.52	0.171	23.0	1.65	0.105
0.50	181.8	14.26	1.151	65.0	5.40	0.411	48.3	4.00	0.292	31.4	2.90	0.195	23.0	1.81	0.121
0.55	53.2	4.51	0.407	34.7	2.92	0.266	28.7	2.47	0.219	23.3	2.34	0.175	19.5	1.80	0.110
0.60	105.6	9.95	0.963	41.1	4.73	0.375	29.9	3.46	0.271	21.6	2.33	0.192	17.3	1.73	0.139
0.65	87.4	9.04	0.935	42.8	4.36	0.458	31.1	3.24	0.330	22.4	2.41	0.234	15.7	1.62	0.148
0.70	49.8	5.57	0.618	24.9	3.26	0.308	22.0	2.98	0.273	18.2	2.46	0.218	14.3	1.64	0.157
0.75	32.9	3.89	0.468	21.5	2.63	0.306	16.3	2.42	0.232	14.7	2.20	0.206	13.3	1.66	0.167
0.80	34.3	4.41	0.557	20.7	2.61	0.335	17.2	2.09	0.277	14.4	1.97	0.228	12.5	1.65	0.175
0.85	50.0	7.03	0.915	26.3	3.36	0.481	19.8	2.53	0.361	14.2	2.01	0.251	11.8	1.63	0.183
0.90	90.6	13.06	1.859	31.5	4.40	0.646	20.2	2.85	0.442	13.4	2.19	0.271	11.0	1.61	0.187
0.95	39.4	6.10	0.902	24.3	3.89	0.555	18.2	2.79	0.412	12.2	2.16	0.272	10.1	1.63	0.188
1.00	54.7	8.45	1.384	21.8	3.98	0.552	16.3	2.88	0.411	12.0	2.06	0.296	9.3	1.62	0.186
1.10	29.5	5.11	0.904	18.1	3.48	0.555	14.5	3.13	0.443	10.7	2.53	0.321	7.8	1.65	0.197
1.20	37.5	7.43	1.369	18.3	3.73	0.667	13.9	2.62	0.507	9.6	2.41	0.346	7.2	1.72	0.223
1.30	36.9	7.55	1.580	20.3	4.18	0.869	14.9	3.12	0.634	10.5	2.36	0.437	6.7	1.67	0.252
1.40	14.4	3.35	0.716	12.6	2.85	0.623	11.0	2.70	0.539	9.2	2.40	0.448	6.6	1.60	0.293
1.50	32.5	7.85	1.852	17.6	4.28	1.000	13.3	3.18	0.756	9.7	2.52	0.546	6.5	1.66	0.340
1.60	26.6	6.65	1.726	18.9	4.88	1.223	13.8	3.70	0.893	9.9	2.59	0.626	6.4	1.68	0.390
1.70	41.1	10.84	3.008	17.4	4.57	1.295	12.1	3.49	0.878	8.8	2.56	0.829	6.4	1.64	0.442
1.80	25.6	7.61	2.102	15.1	4.57	1.236	10.7	3.24	0.873	7.8	2.41	0.829	6.5	1.67	0.494
1.90	26.6	7.79	2.633	13.7	4.57	1.248	10.1	3.40	0.920	8.3	2.70	0.749	6.6	1.79	0.545
2.00	19.4	6.01	1.963	11.9	4.26	1.206	10.5	3.70	1.059	9.0	3.00	0.891	6.6	1.89	0.593
2.20	17.4	6.07	2.127	13.2	4.89	1.622	11.5	4.26	1.405	9.4	3.28	1.126	6.4	2.06	0.670
2.40	23.5	8.48	3.432	14.1	5.23	2.052	11.4	4.23	1.653	8.7	3.20	1.239	5.8	2.08	0.711
2.60	14.5	6.07	2.491	11.4	4.63	1.946	8.8	3.55	1.505	7.0	3.18	1.173	5.0	2.07	0.740
2.80	12.8	5.63	2.538	8.3	4.27	1.645	7.0	3.78	1.388	5.9	3.22	1.128	4.6	2.16	0.795
3.00	12.3	5.66	2.799	9.4	4.43	2.148	7.6	3.57	1.717	5.6	3.14	1.247	4.3	2.23	0.838
3.20	18.9	9.21	4.912	12.1	6.31	3.125	6.6	4.81	2.229	5.9	3.25	1.500	4.1	2.22	0.870
3.40	14.5	7.79	4.252	10.1	5.53	2.951	7.8	4.28	2.261	5.2	3.03	1.500	3.8	2.16	0.889
3.60	12.3	7.26	4.043	7.9	4.84	2.601	5.8	3.62	1.888	4.3	2.75	1.354	3.5	2.05	0.894
3.80	7.7	5.23	2.801	5.9	3.98	2.160	4.9	3.44	1.787	3.9	2.86	1.377	3.2	2.08	0.879
4.00	5.1	4.44	2.079	4.5	3.90	1.829	4.0	3.50	1.617	3.3	2.94	1.297	2.9	2.12	0.842

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1046 COMPONENT = EAST SIGNAL = GR. ACC. CORRECTION = MAX. GROUND ACC. = STATION = KOKFN-S  
 DATE AND TIME = 1978-01-14-12-24 SAMPRING INTERVAL = 0.01000(SEC) 1.00 (SEC) 25.82 (GAL)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RO	AA	RV	RO	AA	RV	RO	AA	RV	RO	AA	RV	RO
0.05	34.1	0.14	0.002	28.0	0.08	0.002	28.0	0.08	0.002	28.4	0.08	0.002	28.8	0.07	0.002
0.10	140.6	2.16	0.036	62.9	0.95	0.016	56.0	0.83	0.014	48.8	0.69	0.012	38.2	0.43	0.009
0.15	68.9	1.08	0.018	31.4	0.47	0.008	28.0	0.41	0.007	24.4	0.34	0.006	19.1	0.21	0.004
0.20	273.0	8.66	0.039	54.4	1.21	0.031	46.8	1.04	0.027	38.8	0.79	0.024	27.0	0.34	0.014
0.25	180.8	7.10	0.026	91.5	2.98	0.093	65.0	2.08	0.065	44.8	1.36	0.045	30.6	0.75	0.028
0.30	119.6	5.67	0.017	58.7	2.35	0.073	45.0	1.71	0.071	31.8	1.21	0.049	27.4	0.82	0.037
0.35	86.3	4.82	0.012	49.1	2.34	0.112	39.0	1.91	0.089	27.4	1.33	0.061	22.9	0.97	0.044
0.40	89.9	5.58	0.013	40.8	2.25	0.126	31.0	1.67	0.096	23.4	1.30	0.071	19.0	1.04	0.049
0.45	77.8	5.44	0.012	31.9	1.95	0.129	28.0	1.41	0.113	23.3	1.19	0.089	16.9	1.11	0.057
0.50	98.0	7.80	0.021	40.7	2.77	0.201	27.9	1.97	0.143	23.0	1.44	0.116	16.4	1.32	0.070
0.55	105.5	9.08	0.028	39.2	3.61	0.300	30.2	3.09	0.230	23.3	2.56	0.175	15.9	1.75	0.110
0.60	48.1	4.31	0.013	31.9	2.99	0.290	28.3	2.84	0.257	22.0	2.53	0.198	16.0	1.78	0.129
0.65	118.1	12.17	0.036	45.2	4.78	0.483	32.5	3.62	0.345	21.4	2.48	0.225	15.2	1.73	0.144
0.70	136.8	15.22	0.046	34.1	3.86	0.423	27.6	2.87	0.341	20.5	2.22	0.250	14.0	1.61	0.155
0.75	67.0	8.07	0.019	32.7	3.81	0.465	25.2	2.92	0.357	19.7	2.18	0.275	13.0	1.50	0.166
0.80	61.7	7.78	0.018	31.6	4.10	0.511	24.5	3.10	0.395	18.0	2.13	0.287	12.5	1.40	0.179
0.85	57.5	7.79	0.018	30.2	3.93	0.551	22.4	3.01	0.408	16.1	2.29	0.287	12.2	1.35	0.193
0.90	51.5	7.18	0.017	26.9	3.75	0.552	17.8	2.80	0.362	14.3	2.20	0.280	11.8	1.38	0.205
0.95	27.5	4.32	0.007	19.1	3.08	0.437	15.6	2.55	0.354	12.3	2.11	0.274	11.4	1.44	0.215
1.00	31.2	5.12	0.009	17.4	3.09	0.442	15.1	2.51	0.382	11.8	1.97	0.292	11.0	1.51	0.224
1.10	35.1	6.06	0.011	21.3	3.91	0.652	15.6	3.12	0.475	12.3	2.39	0.359	10.3	1.69	0.244
1.20	29.7	5.53	0.009	17.9	3.87	0.653	14.6	3.21	0.532	11.8	2.55	0.405	9.5	1.89	0.251
1.30	17.8	3.84	0.004	15.1	3.11	0.645	12.9	2.87	0.551	10.5	2.65	0.440	8.3	2.03	0.264
1.40	27.8	6.33	0.011	15.0	3.31	0.742	14.1	2.80	0.694	10.9	2.75	0.529	7.0	2.10	0.277
1.50	48.0	11.43	0.024	25.9	6.32	1.473	17.5	4.37	0.990	10.8	3.07	0.603	6.0	2.10	0.300
1.60	40.5	10.24	0.022	20.9	5.46	1.353	15.6	4.16	1.006	10.3	3.01	0.656	5.9	2.01	0.331
1.70	14.3	4.15	0.004	12.1	3.59	0.881	10.2	3.08	0.743	8.9	2.44	0.633	5.7	1.86	0.357
1.80	14.1	4.15	0.004	8.7	3.42	0.716	8.6	2.91	0.705	7.8	2.28	0.622	5.5	1.73	0.372
1.90	19.9	6.24	0.008	11.0	3.36	1.002	9.1	2.70	0.823	7.1	2.11	0.631	5.1	1.59	0.375
2.00	14.4	4.61	0.004	9.2	3.45	0.935	7.7	2.89	0.772	6.1	2.20	0.591	4.6	1.47	0.368
2.20	7.5	2.97	0.002	4.8	2.31	0.593	4.1	2.27	0.502	3.8	2.05	0.444	3.6	1.43	0.336
2.40	6.5	2.47	0.002	3.6	1.95	0.528	2.8	1.89	0.405	2.8	1.78	0.370	2.8	1.42	0.307
2.60	2.6	1.50	0.001	2.3	1.54	0.394	2.2	1.58	0.363	2.0	1.58	0.332	2.3	1.58	0.280
2.80	1.8	1.45	0.001	1.6	1.41	0.311	1.5	1.44	0.295	1.5	1.46	0.285	1.9	1.34	0.259
3.00	2.3	1.59	0.001	1.5	1.50	0.335	1.3	1.45	0.291	1.3	1.41	0.277	1.6	1.30	0.244
3.20	1.5	1.46	0.001	1.3	1.41	0.336	1.2	1.38	0.306	1.1	1.34	0.275	1.4	1.27	0.237
3.40	0.9	1.32	0.001	1.1	1.30	0.312	1.0	1.30	0.289	1.0	1.28	0.265	1.3	1.24	0.233
3.60	0.9	1.29	0.001	0.8	1.26	0.264	0.8	1.24	0.262	0.9	1.24	0.255	1.2	1.21	0.231
3.80	0.7	1.25	0.001	0.7	1.22	0.250	0.7	1.21	0.248	0.8	1.21	0.244	1.1	1.20	0.229
4.00	0.6	1.19	0.001	0.7	1.19	0.264	0.6	1.19	0.235	0.7	1.20	0.245	1.1	1.20	0.228

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RO = RELATIVE DISPLACEMENT (CM)

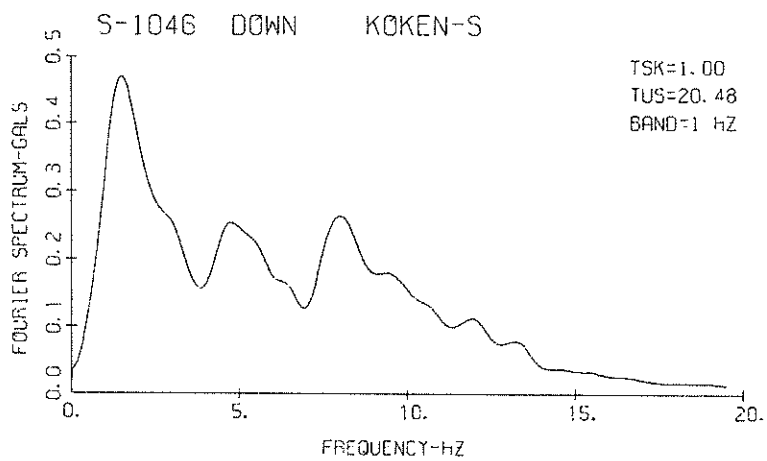
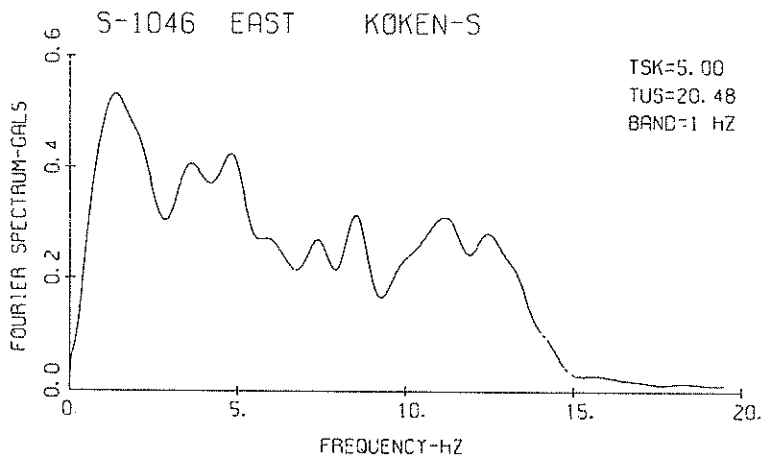
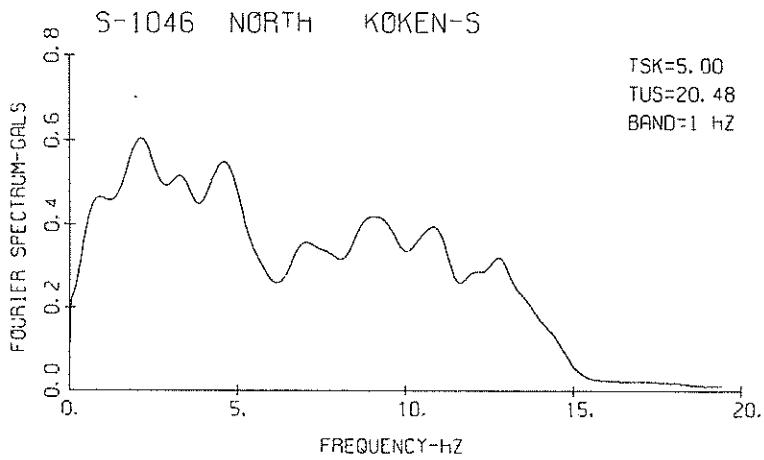
RESPONSE SPECTRUM

RECORD = S-1046 COMPONENT = DOWN SIGNAL = GR. ACC. CORRECTION = STATION = KOKEN-S  
 DATE AND TIME = 1978-01-14-12-24 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 9.73 (GAL)  
 TIME LENGTH = 40.00 (SEC) SKIPPED LENGTH = 1.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	33.4	0.22	0.002	13.1	0.06	0.001	12.0	0.05	0.001	11.7	0.03	0.001	11.2	0.03	0.001
0.10	168.2	2.44	0.043	43.1	0.61	0.011	31.8	0.42	0.008	24.0	0.29	0.006	15.4	0.15	0.004
0.15	83.6	1.91	0.048	28.1	0.70	0.016	22.2	0.52	0.013	16.3	0.38	0.009	13.5	0.23	0.007
0.20	85.1	2.71	0.086	29.5	0.86	0.030	22.8	0.63	0.023	17.9	0.44	0.018	13.1	0.27	0.012
0.25	57.2	2.44	0.091	27.4	1.08	0.044	21.4	0.86	0.034	15.2	0.61	0.024	12.3	0.36	0.018
0.30	85.2	4.05	0.194	26.4	1.15	0.060	21.4	0.86	0.049	17.1	0.62	0.036	12.4	0.43	0.026
0.35	70.2	3.84	0.218	24.3	1.22	0.075	19.0	0.92	0.059	15.3	0.70	0.047	12.1	0.48	0.035
0.40	99.1	6.29	0.402	25.8	1.57	0.104	18.9	1.02	0.076	15.3	0.85	0.061	12.5	0.58	0.046
0.45	36.4	2.39	0.186	24.3	1.68	0.124	20.3	1.42	0.104	16.5	1.09	0.083	12.2	0.66	0.055
0.50	40.4	3.22	0.256	27.5	2.04	0.174	19.2	1.41	0.121	14.1	1.09	0.088	11.0	0.72	0.060
0.55	96.4	8.45	0.739	37.1	3.16	0.284	23.3	1.92	0.178	14.4	1.18	0.108	9.8	0.78	0.065
0.60	56.4	5.28	0.514	23.3	2.10	0.212	20.5	1.79	0.186	14.9	1.29	0.135	9.8	0.81	0.081
0.65	78.4	8.10	0.839	30.4	2.99	0.324	22.6	2.22	0.240	16.5	1.51	0.174	10.2	0.85	0.097
0.70	50.7	5.67	0.629	30.2	3.53	0.374	21.3	2.58	0.263	15.7	1.67	0.191	10.0	0.91	0.110
0.75	33.3	6.32	0.759	23.0	2.70	0.327	18.0	2.19	0.255	14.9	1.61	0.207	9.3	0.95	0.118
0.80	35.8	4.41	0.568	26.7	3.47	0.432	20.7	2.75	0.333	14.4	1.87	0.229	8.5	1.02	0.122
0.85	64.5	8.82	1.181	29.2	3.48	0.460	19.8	2.68	0.360	13.6	1.88	0.243	7.6	1.05	0.121
0.90	54.3	7.80	1.115	21.6	3.33	0.442	16.3	2.57	0.333	11.2	1.73	0.224	6.8	1.02	0.120
0.95	44.6	6.74	1.019	16.8	2.86	0.382	14.0	2.20	0.319	10.2	1.54	0.228	6.5	0.96	0.127
1.00	24.1	4.08	0.612	16.6	2.83	0.421	12.7	2.20	0.319	9.0	1.57	0.222	6.1	0.99	0.130
1.10	27.5	4.77	0.844	10.7	2.13	0.328	8.3	1.72	0.253	6.0	1.25	0.180	5.1	0.99	0.128
1.20	17.4	3.61	0.636	8.1	1.77	0.331	7.1	1.34	0.236	5.3	1.13	0.189	4.3	0.98	0.125
1.30	12.6	2.62	0.541	6.5	1.83	0.383	6.9	1.55	0.296	5.0	1.22	0.211	3.9	0.97	0.130
1.40	25.4	5.79	1.262	10.2	2.56	0.504	6.9	1.91	0.340	4.8	1.38	0.229	3.5	0.97	0.136
1.50	21.7	5.24	1.236	9.2	2.40	0.523	6.6	1.87	0.374	4.4	1.38	0.238	3.2	0.99	0.144
1.60	16.6	4.38	1.075	6.2	1.86	0.400	4.6	1.52	0.296	3.6	1.27	0.227	2.9	0.99	0.150
1.70	6.1	1.84	0.445	4.4	1.30	0.318	3.7	1.19	0.268	3.2	1.16	0.227	2.6	0.95	0.154
1.80	5.3	1.60	0.436	3.8	1.41	0.312	3.3	1.26	0.270	2.9	1.09	0.231	2.4	0.91	0.155
1.90	8.0	2.62	0.733	4.3	1.49	0.393	3.4	1.37	0.312	2.7	1.08	0.232	2.2	0.88	0.152
2.00	5.0	1.81	0.506	3.5	1.53	0.349	2.7	1.31	0.269	2.2	1.05	0.209	2.1	0.85	0.147
2.20	4.1	1.76	0.504	2.9	1.27	0.351	2.4	1.10	0.293	2.0	0.95	0.230	1.9	0.80	0.159
2.40	3.2	1.55	0.468	2.0	1.25	0.284	1.7	1.09	0.238	1.5	0.93	0.203	1.7	0.76	0.162
2.60	2.7	1.34	0.464	1.9	0.99	0.322	1.7	0.85	0.282	1.4	0.87	0.225	1.5	0.78	0.163
2.80	2.5	1.49	0.499	1.8	1.12	0.351	1.4	1.03	0.273	1.2	0.94	0.212	1.4	0.80	0.168
3.00	1.9	1.45	0.434	1.2	1.24	0.266	1.1	1.14	0.235	0.9	0.97	0.194	1.1	0.82	0.172
3.20	1.2	0.97	0.314	1.0	0.84	0.253	0.9	0.89	0.222	0.8	0.91	0.197	1.1	0.82	0.176
3.40	1.0	0.90	0.279	0.8	0.79	0.240	0.7	0.83	0.207	0.8	0.87	0.200	1.0	0.82	0.180
3.60	0.9	1.07	0.293	0.8	0.98	0.249	0.7	0.93	0.228	0.7	0.88	0.202	0.9	0.81	0.183
3.80	0.8	1.17	0.303	0.7	1.03	0.271	0.7	0.96	0.249	0.7	0.88	0.211	0.9	0.81	0.185
4.00	0.8	0.98	0.309	0.7	0.87	0.284	0.7	0.86	0.261	0.6	0.84	0.224	0.8	0.80	0.188

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)





FOURIER SPECTRA

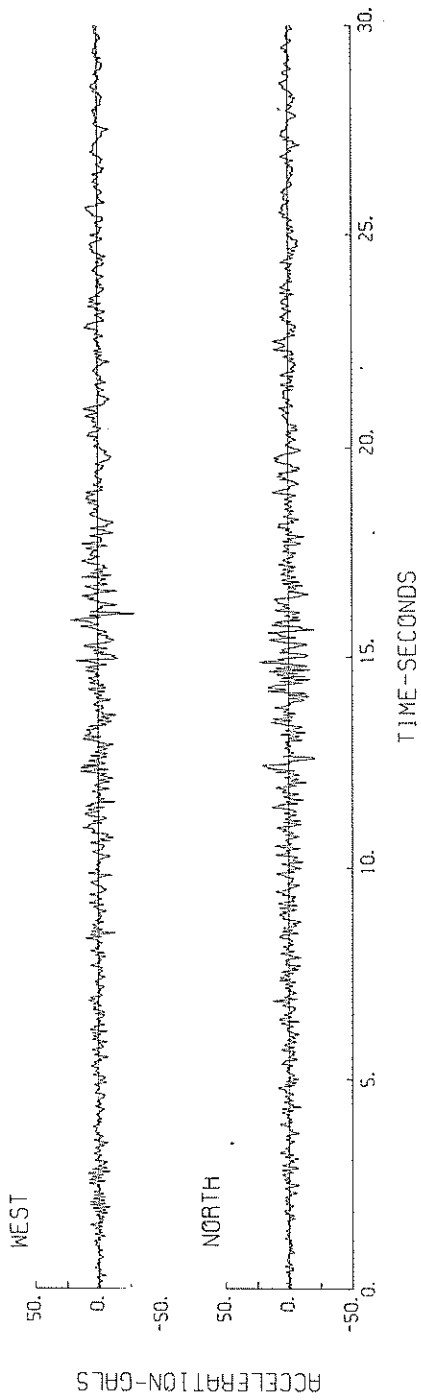
RECORD NUMBER M-170  
 STATION KOKEN-M

EARTHQUAKE DATA

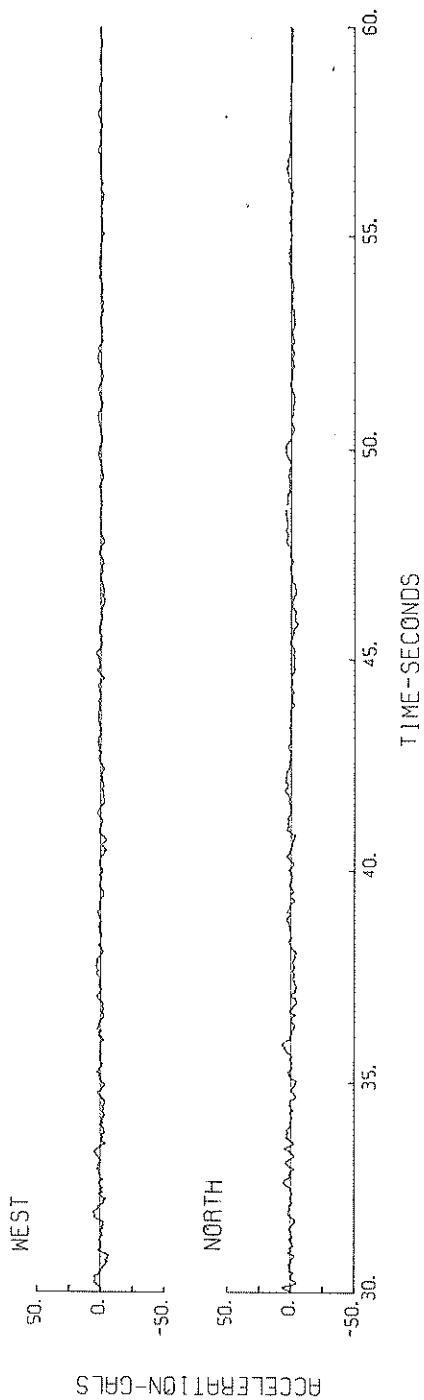
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*****
*
* DATE AND TIME 12:24 JANUARY 14,1978 *
*
* LOCATION OF HYPOCENTER *
* EPICENTRAL REGION NEAR OSHIMA *
* LATITUDE 34.8 N *
* LONGITUDE 139.3 E *
* DEPTH 0 KM *
*
* MAGNITUDE 7.0 *
*
*****
```

PARAMETER OF THE VARIABLE FILTER	COMPONENT	
	NORTH	WEST
FC (HZ)	0.065	0.083
MAXIMUM ACCELERATION (GAL)		
ORIGINAL	23.2	29.1
SMAC-B2 EQUIVALENT	17.5	15.4
CORRECTED	23.0	29.8
MAXIMUM VELOCITY (CM/SEC.)		
FIXED FILTER	2.40	1.84
VARIABLE FILTER	3.66	1.76
MAXIMUM DISPLACEMENT (CM)		
FIXED FILTER	2.14	1.14
VARIABLE FILTER	3.48	1.27

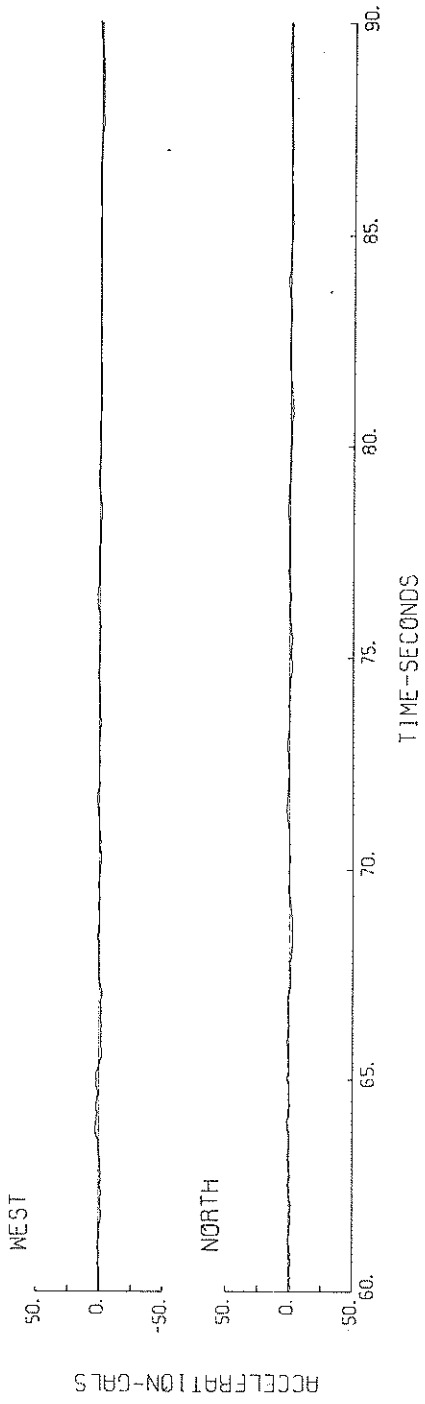
M-170 KOKEN-M



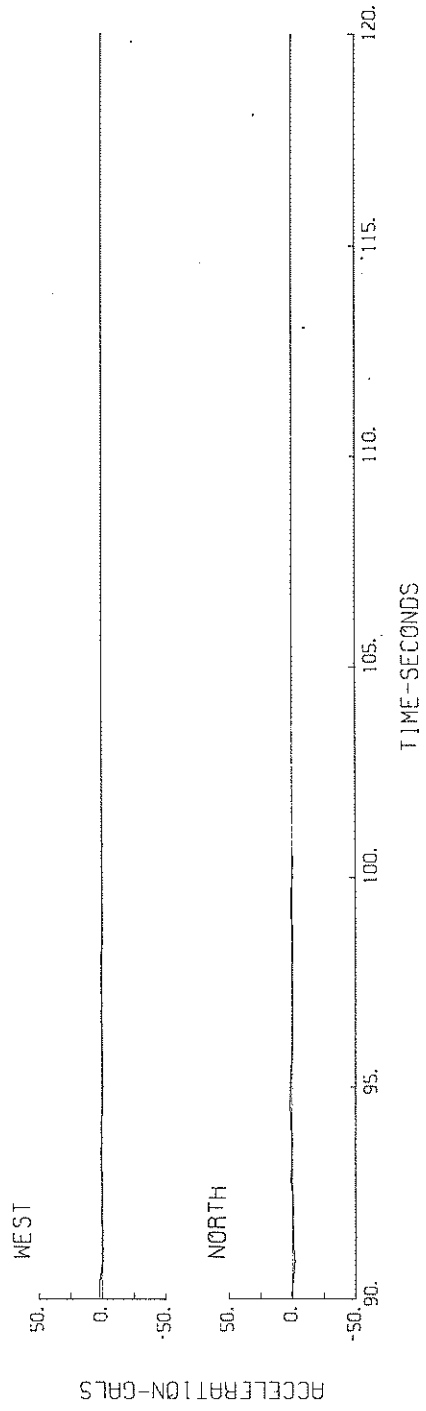
M-170 KOKEN-M



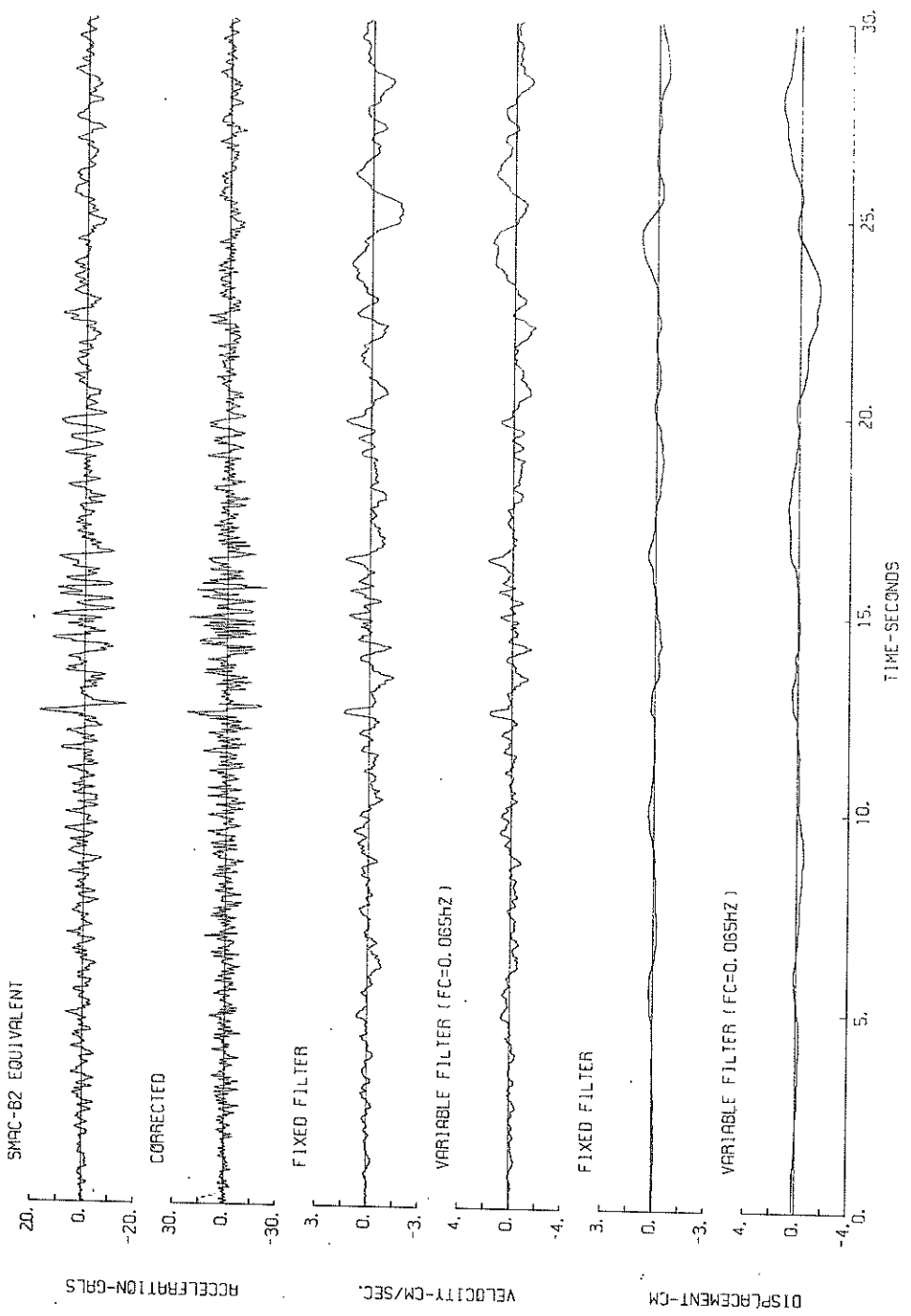
M-170 KOKEN-M



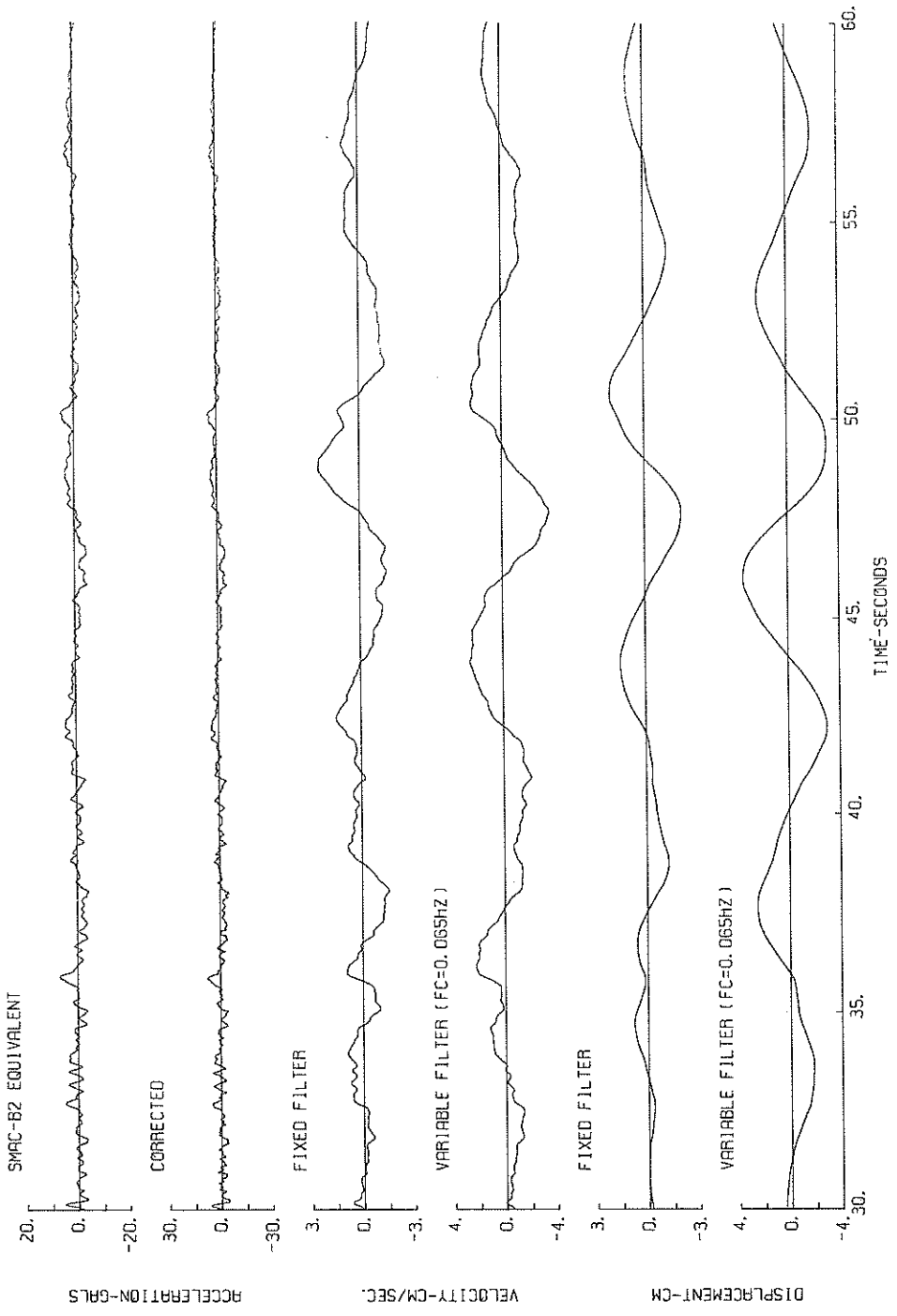
M-170 KOKEN-M



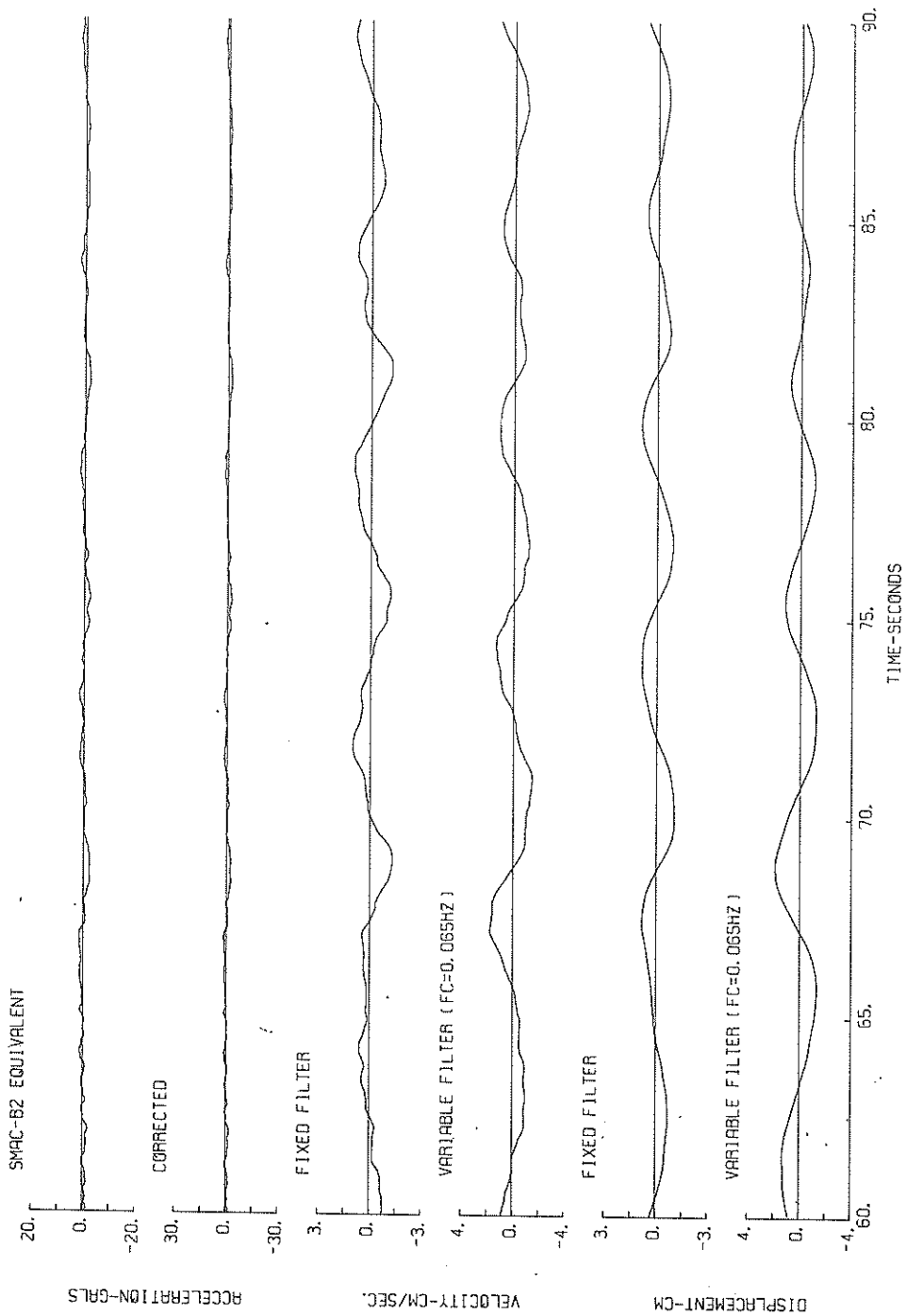
M-170 NORTH KOKEN-M



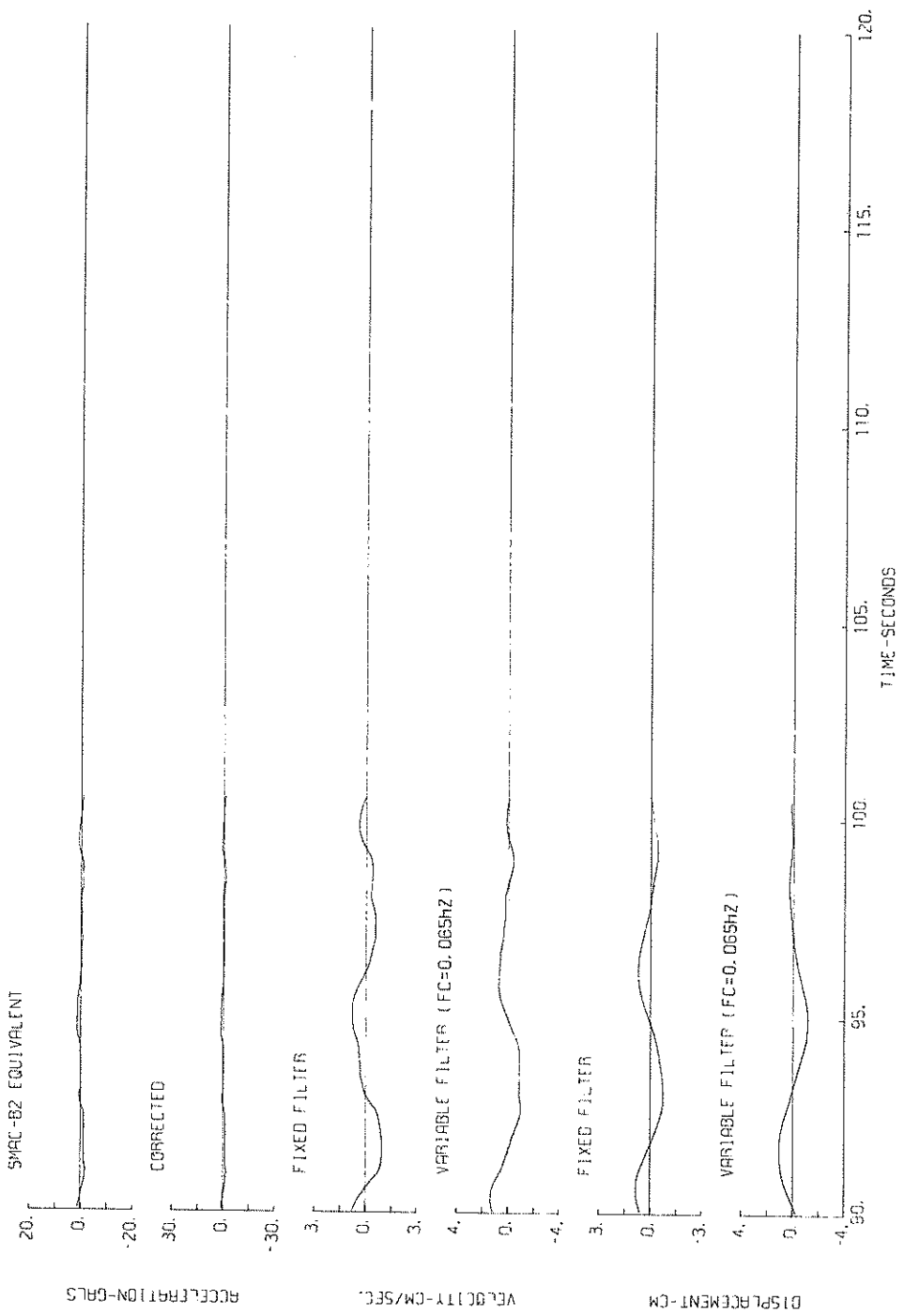
M-170 NORTH KOKEN-M



M-170 NORTH KOKEN-M

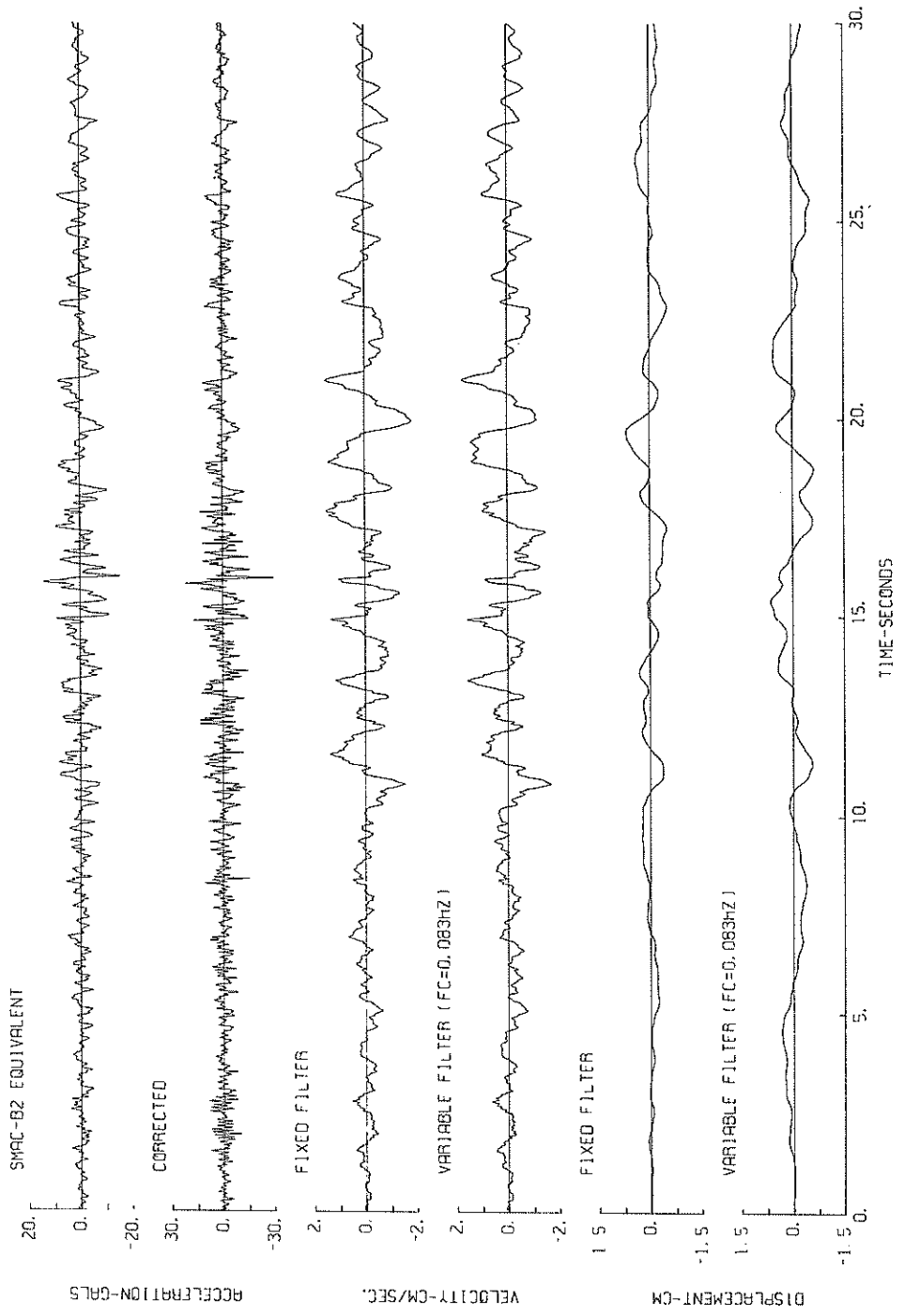


M-170 NORTH KOKEN-M

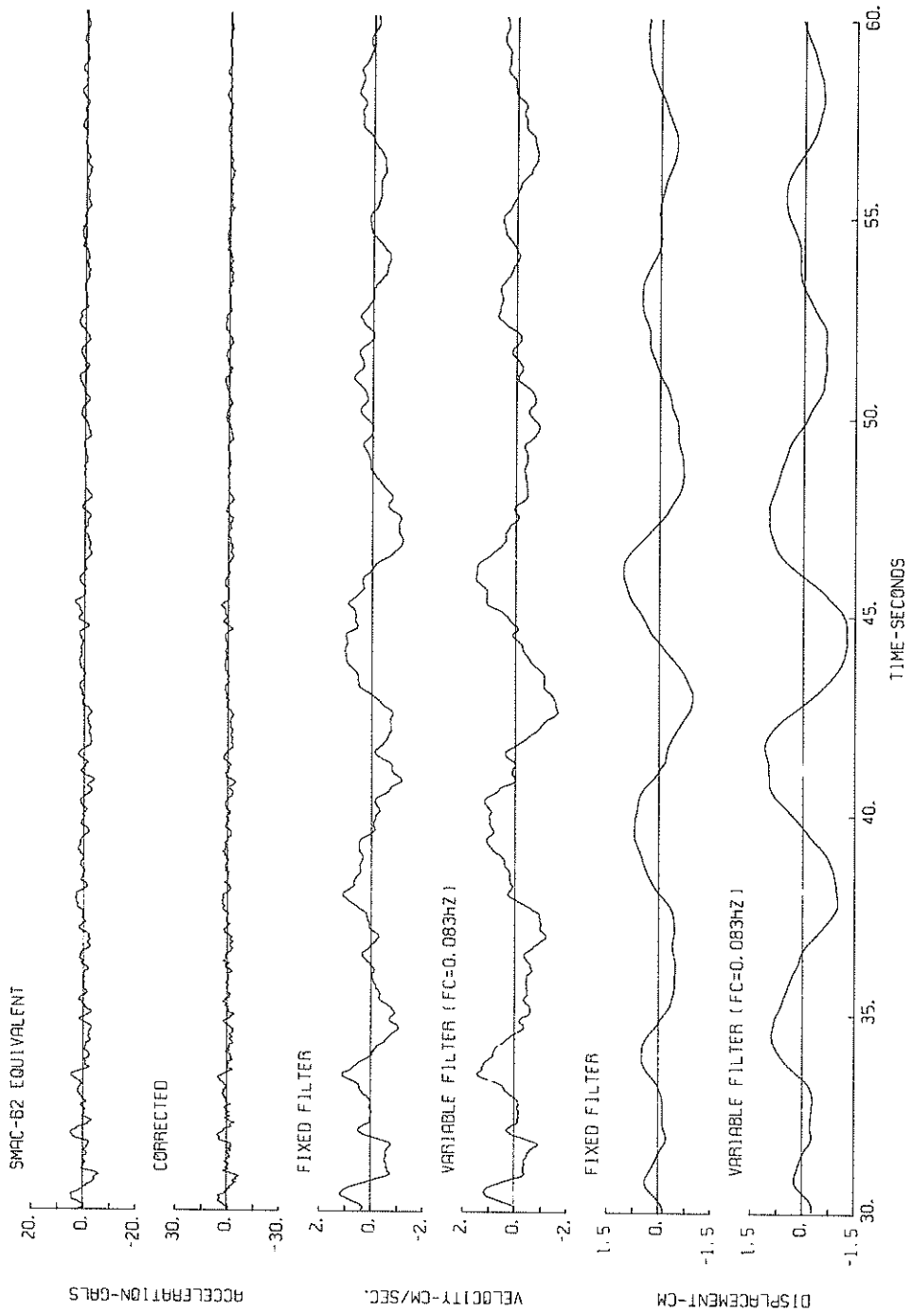




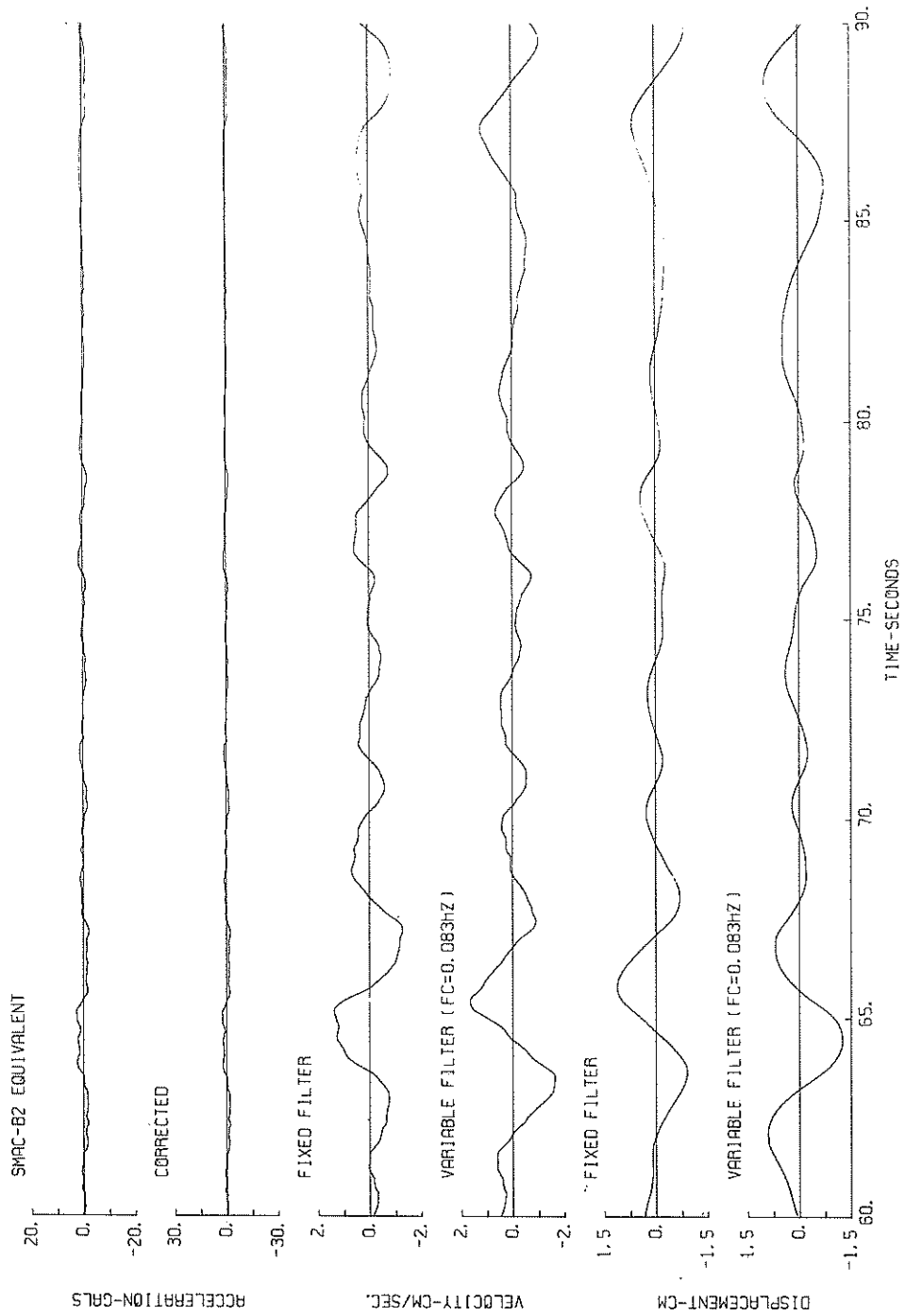
M-170 WEST KOKEN-M



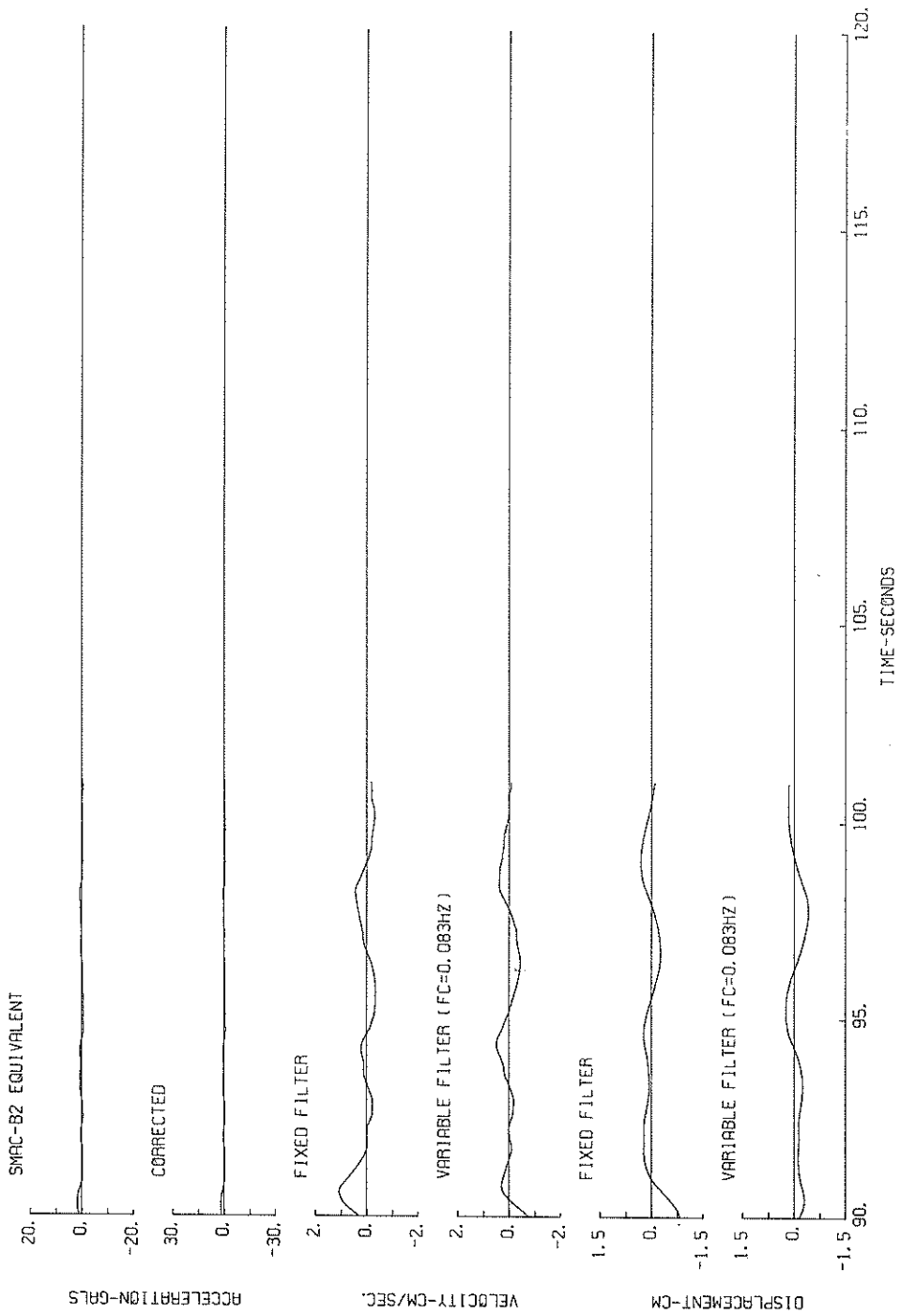
M-170 WEST KOKEN-M



M-170 WEST KOKEN-M

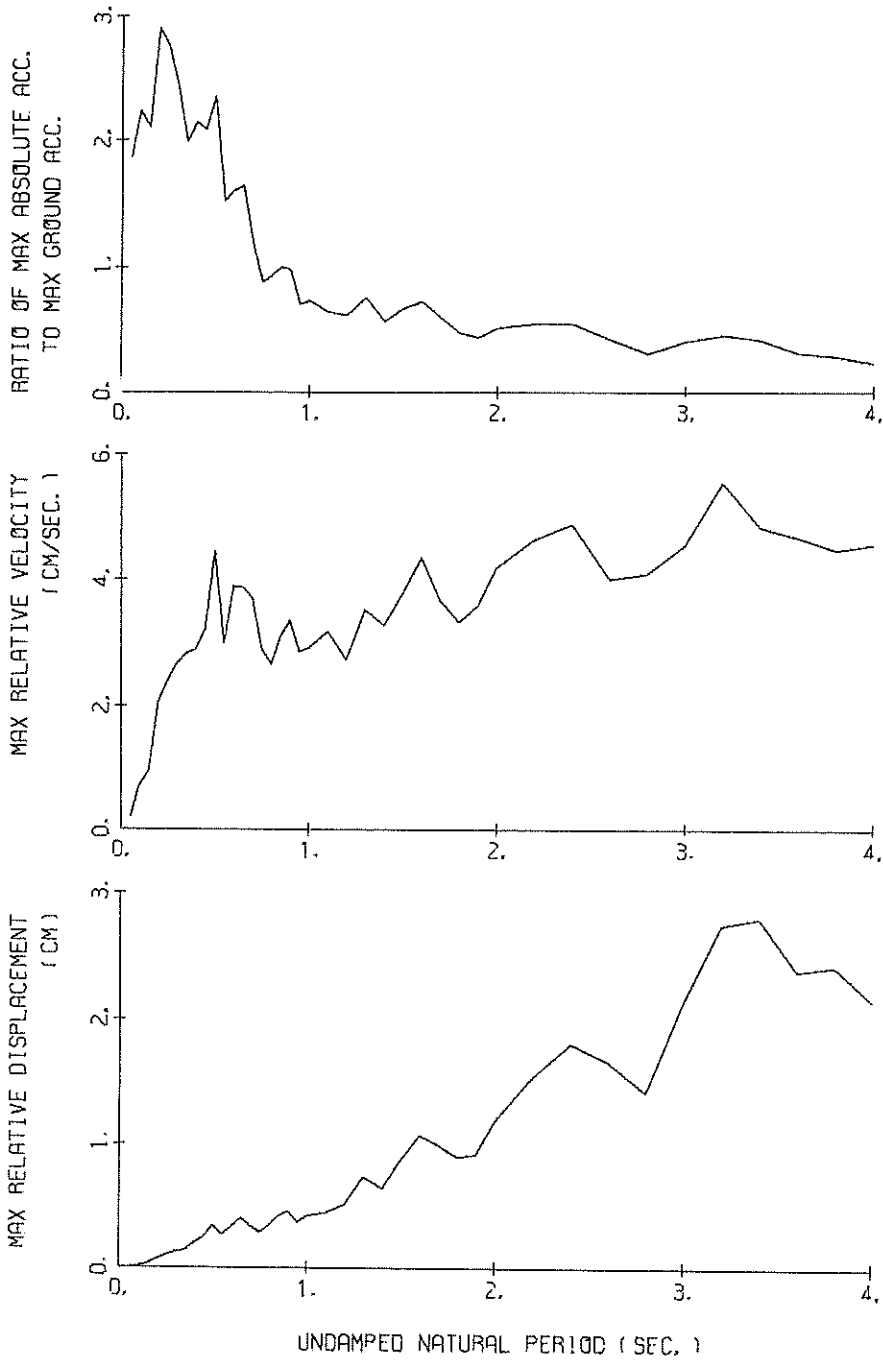


M-170 WEST KOKEN-M



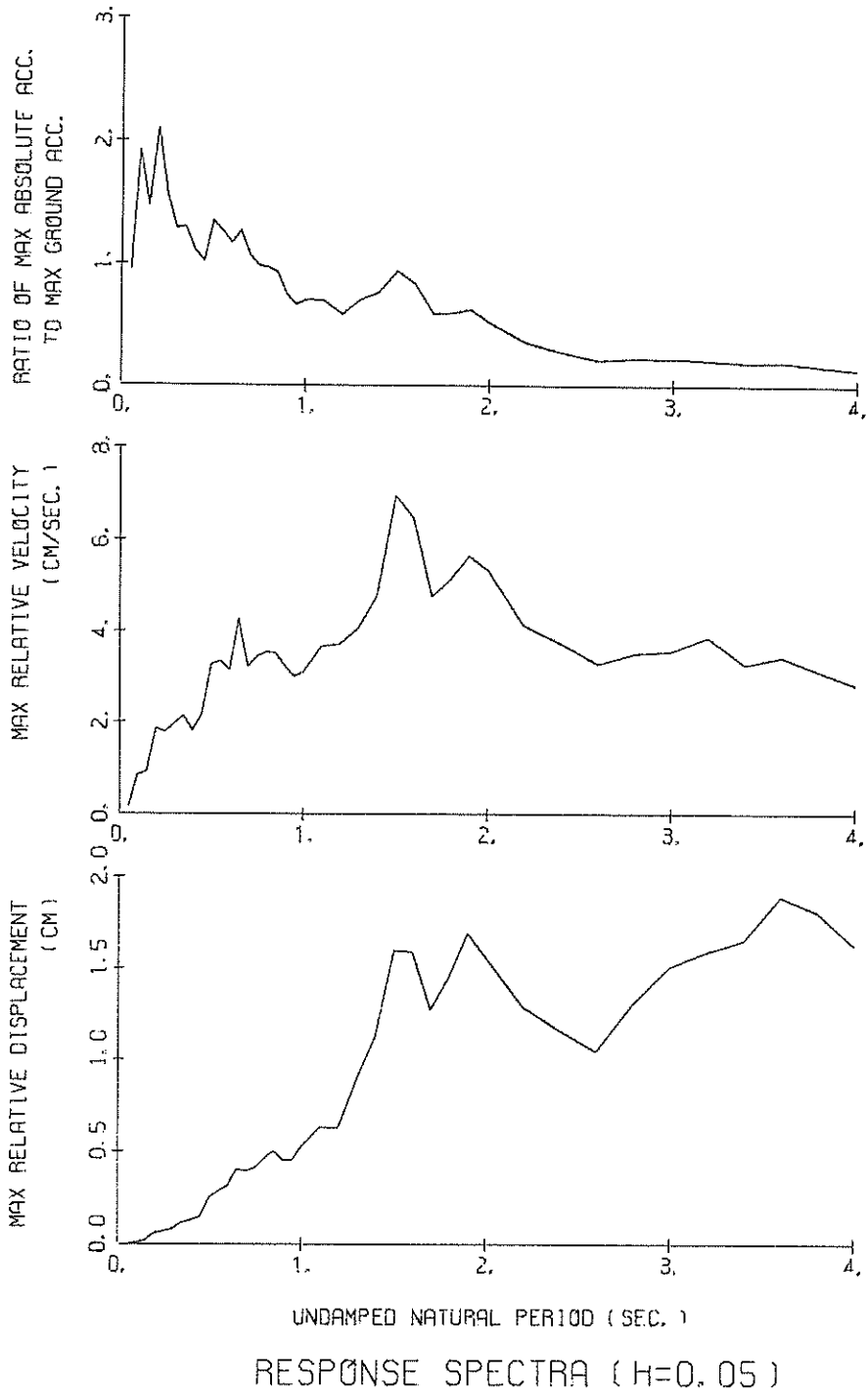
M-170 NORTH KOKEN-M

(1/FC=15.4 sec.)



RESPONSE SPECTRA (H=0.05)

M-170 WEST KOKEN-M  
 (1/FC=12.1 sec.)



RESPONSE SPECTRUM

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	144.2	1.09	0.009	49.6	0.23	0.003	42.4	0.18	0.003	35.1	0.17	0.002	28.6	0.14	0.002
0.10	230.3	3.70	0.058	61.2	0.91	0.015	51.2	0.72	0.013	45.4	0.57	0.011	31.6	0.36	0.008
0.15	144.6	2.68	0.065	56.9	1.25	0.032	48.2	0.95	0.027	41.4	0.74	0.033	32.5	0.52	0.017
0.20	266.9	9.14	0.291	79.0	2.42	0.080	66.7	2.06	0.066	48.1	1.53	0.048	27.5	0.80	0.026
0.25	140.3	5.46	0.222	75.5	2.89	0.119	63.5	2.40	0.100	48.0	1.83	0.074	28.3	0.95	0.040
0.30	217.1	10.29	0.495	79.4	3.86	0.181	54.1	2.68	0.128	40.1	1.83	0.090	29.5	1.10	0.061
0.35	120.8	6.61	0.375	63.2	3.84	0.196	45.6	2.84	0.141	32.6	1.88	0.100	28.7	1.10	0.078
0.40	99.2	6.29	0.402	58.1	3.41	0.235	49.2	2.90	0.198	35.5	2.11	0.141	27.0	1.41	0.096
0.45	96.1	7.07	0.493	57.7	4.34	0.296	47.9	3.22	0.245	38.9	2.54	0.195	25.1	1.76	0.114
0.50	209.3	16.54	1.325	74.6	5.99	0.473	53.9	4.45	0.340	37.6	3.22	0.233	22.5	2.01	0.127
0.55	85.4	7.50	0.655	42.6	3.56	0.326	34.9	2.99	0.266	28.6	2.80	0.215	20.1	2.07	0.135
0.60	118.5	11.13	1.080	50.8	5.40	0.463	36.9	3.89	0.335	24.2	2.52	0.216	18.0	2.03	0.144
0.65	122.8	12.82	1.314	54.9	5.50	0.587	37.7	3.87	0.402	25.7	2.86	0.269	16.3	1.96	0.153
0.70	53.5	6.15	0.664	32.1	4.17	0.398	27.3	3.70	0.337	21.1	2.94	0.253	15.0	1.88	0.162
0.75	42.5	4.73	0.605	24.4	3.10	0.347	20.2	2.90	0.286	17.5	2.57	0.245	14.0	1.88	0.171
0.80	49.4	6.22	0.801	27.6	3.52	0.447	21.4	2.66	0.345	16.8	2.16	0.266	13.1	1.83	0.179
0.85	57.1	7.41	1.045	31.6	4.23	0.577	23.0	3.10	0.420	13.7	2.17	0.280	12.2	1.77	0.185
0.90	85.7	12.12	1.759	34.3	4.99	0.702	22.4	3.35	0.457	14.5	2.27	0.291	11.3	1.77	0.187
0.95	33.3	5.47	0.761	22.3	3.86	0.509	16.1	2.86	0.365	13.0	2.19	0.291	10.7	1.78	0.195
1.00	51.5	8.12	1.305	21.8	3.56	0.590	16.7	2.92	0.420	13.2	2.18	0.323	10.0	1.76	0.204
1.10	34.5	6.42	1.059	18.3	3.57	0.561	14.6	3.17	0.447	11.1	2.61	0.334	8.8	1.78	0.225
1.20	42.3	8.39	1.544	20.1	4.06	0.733	14.1	2.73	0.512	10.0	2.53	0.356	8.3	1.86	0.253
1.30	42.8	8.67	1.832	23.8	4.81	1.019	17.3	3.52	0.736	12.0	2.44	0.499	7.7	1.84	0.274
1.40	17.4	3.75	0.844	14.7	3.31	0.727	13.0	3.27	0.641	10.9	2.78	0.516	7.0	1.83	0.322
1.50	36.7	8.88	2.092	21.3	5.14	1.212	15.4	3.78	0.875	10.9	2.82	0.611	7.1	1.88	0.377
1.60	32.9	8.76	2.133	21.6	5.75	1.401	16.6	4.74	1.070	11.1	2.83	0.704	7.1	1.85	0.435
1.70	38.2	9.82	2.793	19.4	4.94	1.416	13.6	3.66	0.990	10.0	2.78	0.710	7.2	1.78	0.490
1.80	21.3	6.27	1.749	14.2	4.26	1.163	11.0	3.33	0.893	8.6	2.72	0.692	7.3	1.87	0.542
1.90	22.1	6.40	2.024	13.1	4.44	1.201	10.1	3.59	1.201	9.0	2.97	0.808	7.3	1.98	0.593
2.00	22.5	6.85	2.283	14.1	4.93	1.427	11.8	4.19	1.192	10.0	3.33	0.985	7.3	2.08	0.641
2.20	12.7	4.30	1.553	14.1	5.03	1.727	12.7	4.63	1.543	10.4	3.58	1.241	6.9	2.25	0.712
2.40	30.9	11.02	4.507	15.8	6.19	2.307	12.5	4.86	1.806	9.4	3.65	1.333	6.1	2.25	0.759
2.60	16.4	6.73	2.812	12.0	5.05	2.058	9.7	4.00	1.640	7.6	3.59	1.289	5.5	2.37	0.842
2.80	12.8	5.60	2.546	8.9	4.56	1.774	7.2	4.10	1.448	7.0	3.54	1.371	5.2	2.44	0.926
3.00	17.0	8.09	3.878	11.4	5.61	2.601	9.4	4.54	2.141	7.5	3.47	1.691	5.0	2.47	1.068
3.20	16.3	8.81	4.230	13.1	6.95	3.384	10.6	5.53	2.742	7.7	3.84	1.952	4.9	2.44	1.136
3.40	18.4	9.91	5.385	12.7	6.58	3.721	9.6	4.82	2.796	6.7	3.44	1.921	4.6	2.38	1.184
3.60	16.3	10.01	5.343	10.2	6.43	3.358	7.3	4.66	2.361	5.3	3.18	1.674	4.2	2.38	1.215
3.80	11.0	7.14	4.007	8.2	5.35	3.004	6.6	4.46	2.412	5.0	3.50	1.758	3.9	2.44	1.246
4.00	7.6	6.30	3.073	6.2	5.22	2.520	5.3	4.53	2.137	4.2	3.63	1.642	3.6	2.49	1.289

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

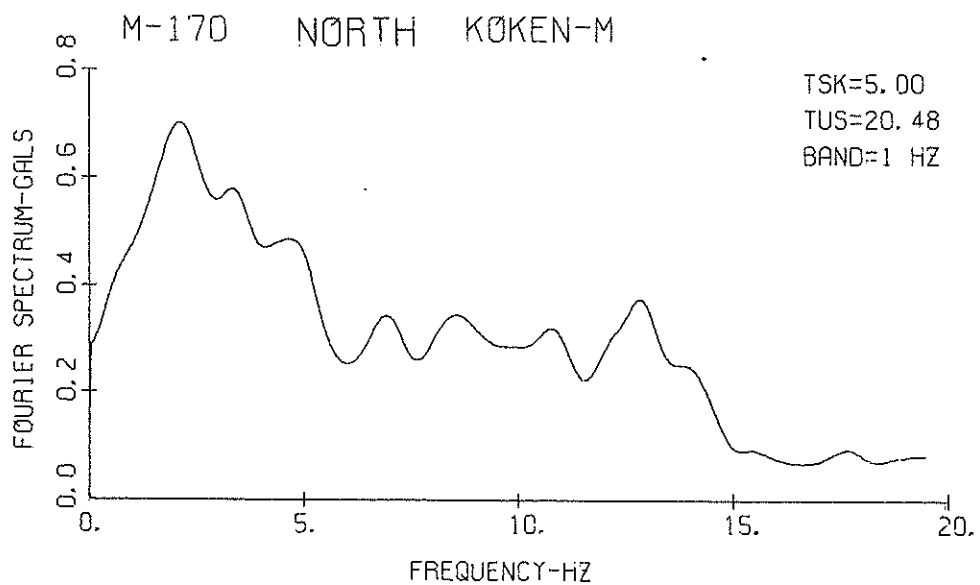
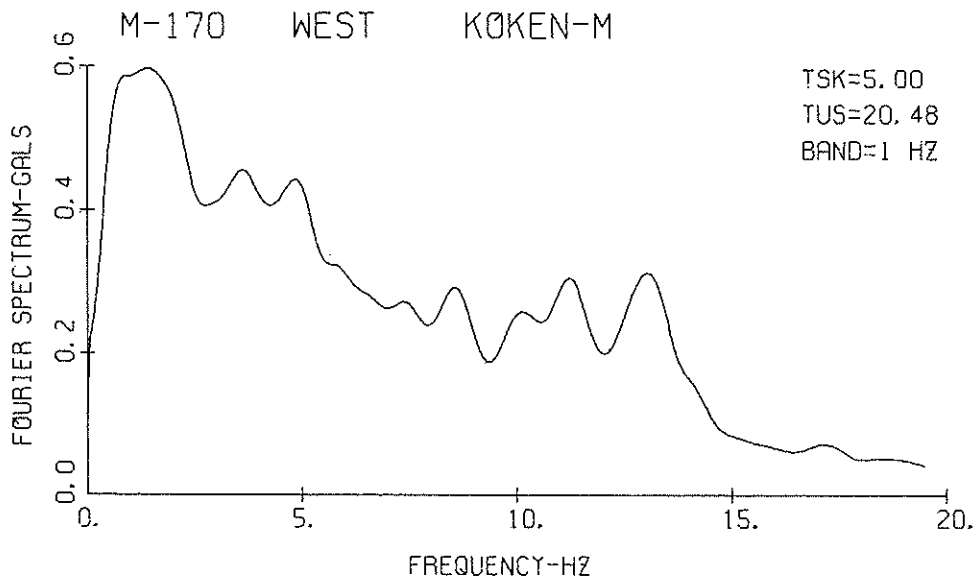
RESPONSE SPECTRUM

RECORD = M-17D COMPONENT = WEST SIGNAL = GR.ACC. CORRECTION = STATION = KOKEN-M  
 DATE AND TIME = 1978-01-14-12-24 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 29.84 (GAL)  
 TIME LENGTH = 40.00 (SEC) SKIPPED LENGTH = 1.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	85.6	0.59	0.005	34.1	0.17	0.002	27.7	0.15	0.002	31.0	0.13	0.002	33.5	0.09	0.002
0.10	329.6	5.11	0.083	65.1	0.98	0.016	57.4	0.85	0.015	51.3	0.71	0.013	40.6	0.44	0.010
0.15	107.1	2.37	0.061	54.3	1.16	0.031	44.0	0.92	0.025	39.6	0.75	0.022	28.9	0.55	0.015
0.20	291.0	9.26	0.295	90.6	2.71	0.091	62.6	1.85	0.063	42.7	1.16	0.042	30.5	0.66	0.028
0.25	198.5	7.79	0.314	61.5	2.42	0.098	46.8	1.77	0.074	33.3	1.20	0.051	28.9	0.84	0.040
0.30	124.2	5.75	0.276	49.0	2.41	0.112	38.5	1.97	0.088	33.3	1.40	0.074	25.3	1.07	0.050
0.35	139.0	7.72	0.431	50.7	2.93	0.157	38.8	2.13	0.120	29.6	1.61	0.090	21.0	1.19	0.057
0.40	109.1	6.86	0.442	37.3	2.21	0.151	33.1	1.80	0.133	27.7	1.52	0.110	18.7	1.24	0.069
0.45	91.0	6.13	0.467	44.3	3.01	0.227	30.3	2.16	0.155	24.2	1.55	0.122	18.1	1.46	0.081
0.50	128.8	10.02	0.815	49.0	3.91	0.310	40.3	3.27	0.254	29.5	2.34	0.163	17.3	1.72	0.097
0.55	129.1	11.14	0.989	49.5	4.14	0.378	37.7	3.34	0.288	27.6	2.77	0.207	17.8	1.86	0.122
0.60	73.9	6.72	0.674	40.5	3.51	0.369	34.8	3.14	0.315	26.7	2.65	0.236	17.6	1.86	0.142
0.65	119.9	12.31	1.283	50.9	5.66	0.544	37.9	4.27	0.403	26.4	2.94	0.278	16.5	1.75	0.157
0.70	180.4	19.88	2.239	44.1	4.81	0.547	31.7	3.22	0.392	24.2	2.50	0.295	15.2	1.62	0.168
0.75	90.9	10.77	1.295	42.3	5.02	0.601	29.2	3.44	0.414	23.5	2.55	0.328	14.3	1.58	0.179
0.80	74.4	9.17	1.206	40.2	4.88	0.651	28.8	3.54	0.464	21.7	2.67	0.346	13.6	1.53	0.191
0.85	85.6	11.60	1.566	36.9	4.85	0.674	27.7	3.51	0.504	19.4	2.69	0.349	13.1	1.64	0.202
0.90	63.4	8.84	1.300	33.1	4.56	0.679	22.2	3.23	0.454	17.6	2.62	0.352	12.6	1.68	0.214
0.95	33.1	4.92	0.757	23.1	3.62	0.528	19.7	2.99	0.448	15.7	2.52	0.351	12.1	1.68	0.214
1.00	43.2	7.02	1.094	24.3	4.01	0.615	20.9	3.09	0.528	16.1	2.39	0.402	11.7	1.75	0.249
1.10	62.4	7.30	1.300	26.0	4.67	0.795	20.7	3.66	0.630	16.4	2.79	0.492	11.5	1.92	0.320
1.20	33.7	6.51	1.228	21.4	4.52	0.779	17.3	3.73	0.628	15.0	2.93	0.536	11.8	2.18	0.378
1.30	25.3	5.40	1.082	24.0	4.88	1.025	21.0	4.08	0.894	16.9	3.27	0.710	11.6	2.38	0.426
1.40	41.3	9.15	2.048	26.0	5.41	1.291	22.8	4.77	1.125	17.4	3.57	0.851	10.8	2.49	0.457
1.50	77.2	18.45	4.402	41.8	10.03	2.378	28.2	6.95	1.601	18.3	4.38	1.023	10.5	2.47	0.535
1.60	54.7	13.78	3.548	32.0	8.14	2.071	24.7	6.45	1.594	17.1	4.43	1.091	10.4	2.36	0.590
1.70	27.0	7.35	1.975	20.4	5.76	1.493	17.5	4.76	1.273	15.6	4.18	1.112	9.9	2.27	0.640
1.80	30.7	8.76	2.519	21.6	6.11	1.773	17.8	5.15	1.454	14.8	3.98	1.185	9.8	2.25	0.681
1.90	39.6	12.41	3.625	23.3	7.18	2.133	18.7	5.66	1.695	14.0	4.00	1.241	9.2	2.35	0.699
2.00	32.5	10.54	3.292	20.1	6.85	2.029	15.5	5.36	1.559	12.0	3.92	1.174	8.3	2.43	0.694
2.20	20.9	7.44	2.566	13.2	4.97	1.612	10.6	4.11	1.291	7.6	3.69	0.916	6.8	2.44	0.656
2.40	23.7	8.84	3.452	11.7	4.29	1.701	8.0	3.73	1.159	6.1	3.29	0.866	5.4	2.49	0.619
2.60	9.9	4.44	1.689	7.5	3.66	1.285	6.1	3.27	1.047	5.2	2.80	0.855	4.4	2.47	0.592
3.00	17.5	8.09	3.986	8.3	4.20	1.642	6.7	3.52	1.312	5.0	2.77	0.955	3.9	2.47	0.594
3.20	7.6	5.09	1.975	6.8	4.27	2.096	6.4	3.56	1.510	4.9	3.05	1.103	3.6	2.47	0.678
3.40	6.6	5.09	1.930	6.1	3.47	1.792	6.2	3.87	1.594	5.0	3.21	1.270	3.4	2.46	0.745
3.60	9.6	5.48	3.160	7.1	4.12	2.341	5.7	3.29	1.656	4.7	2.97	1.352	3.2	2.41	0.787
3.80	6.8	4.18	2.478	5.8	3.59	2.112	5.0	3.44	1.895	4.4	2.70	1.405	2.9	2.32	0.799
4.00	5.9	3.45	2.372	4.9	3.15	1.985	4.0	2.83	1.808	3.9	2.57	1.380	2.7	2.28	0.796

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)





FOURIER SPECTRA

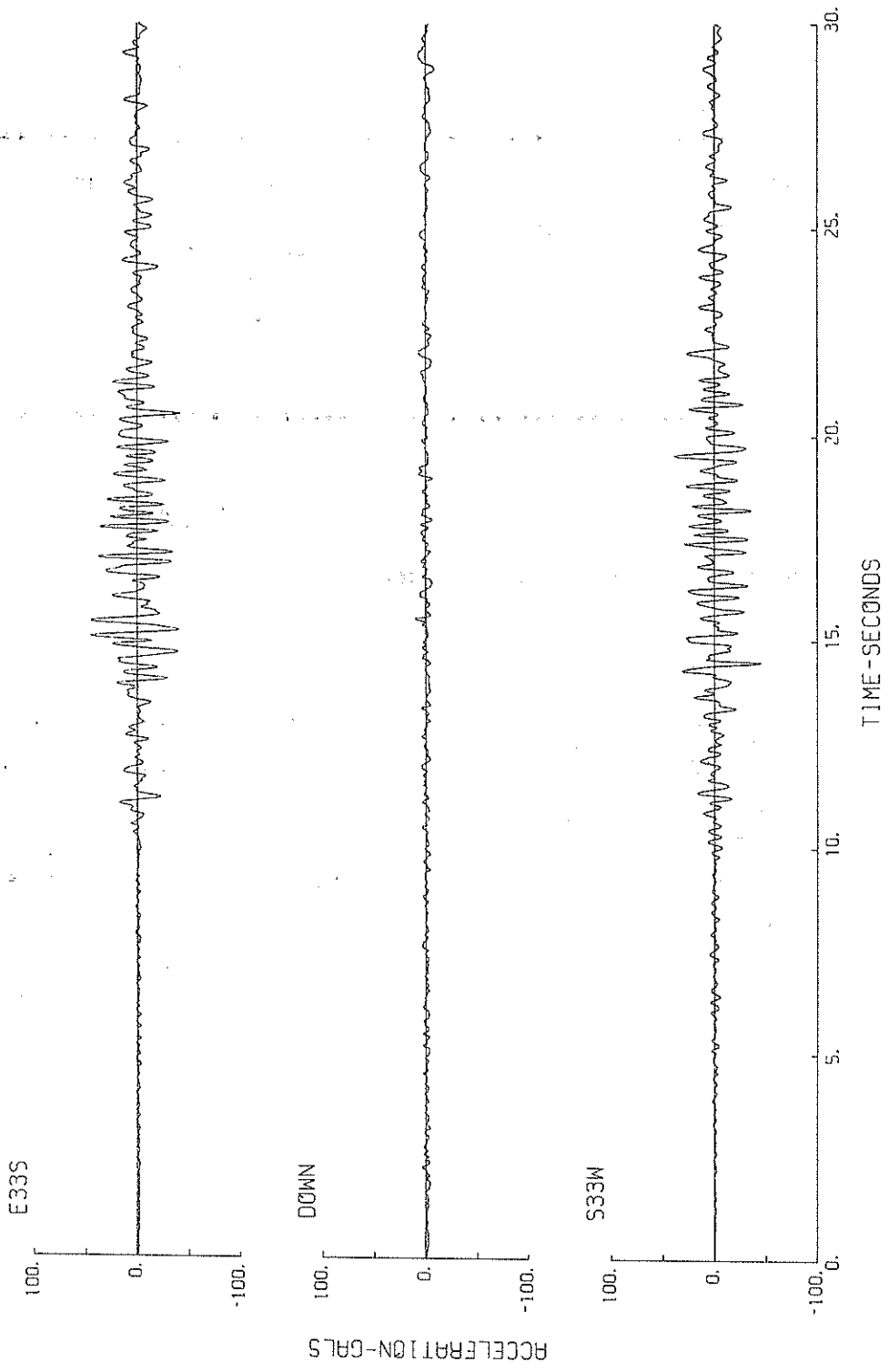
RECORD NUMBER S-1058  
 STATION YAMASHITA-HEN-S

EARTHQUAKE DATA

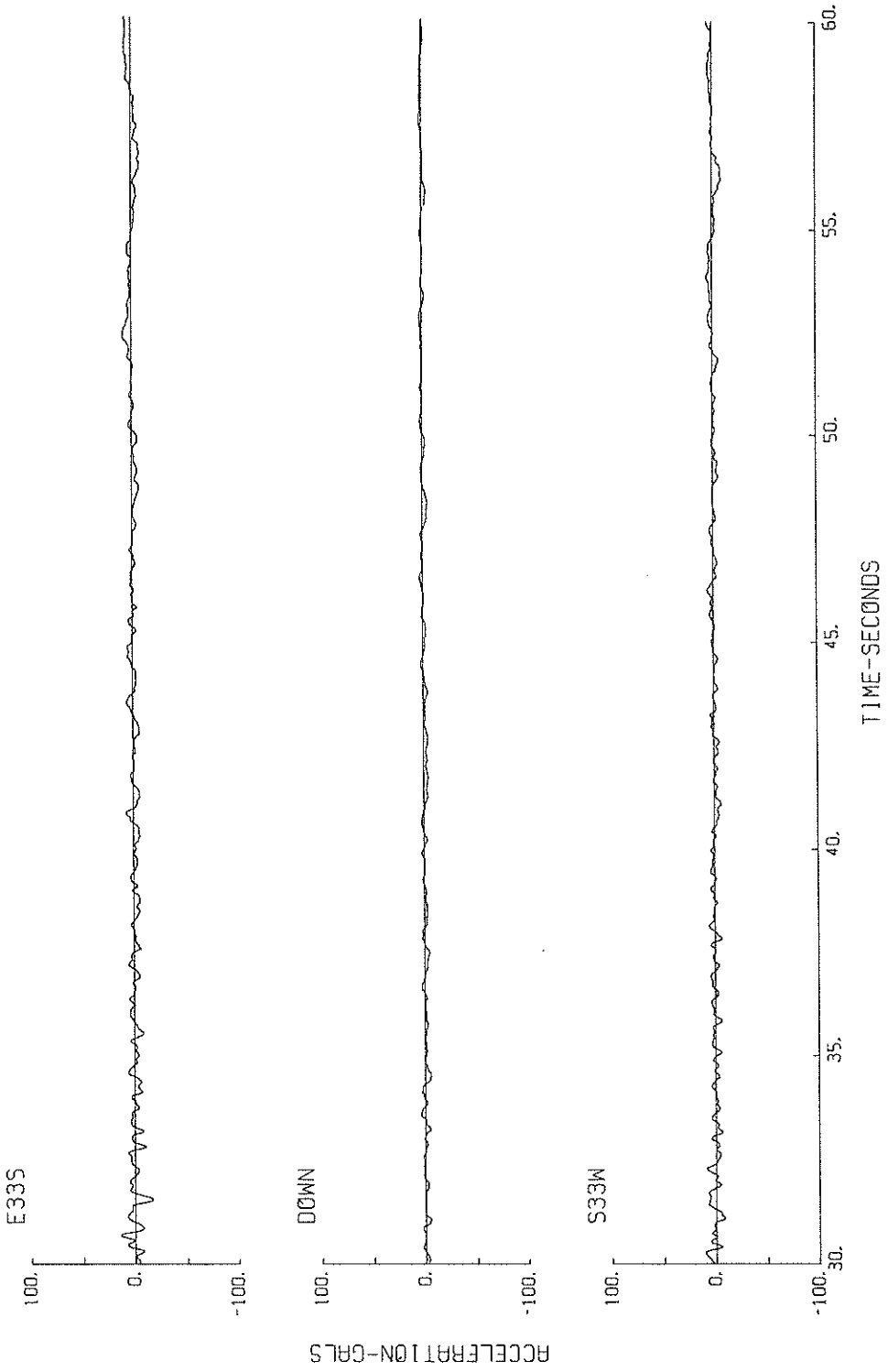
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*****
*
* DATE AND TIME 12:24 JANUARY 14, 1978 *
*
* LOCATION OF HYPOCENTER *
* EPICENTRAL REGION NEAR OSHIMA *
* LATITUDE 34.8 N *
* LONGITUDE 139.3 E *
* DEPTH 0 KM *
*
* MAGNITUDE 7.0 *
*
*****
```

PARAMETER OF THE VARIABLE FILTER	COMPONENT		
	E33S	S33W	DOWN
FC (HZ)	0.102	0.133	0.231
MAXIMUM ACCELERATION (GAL.)			
ORIGINAL	45.4	45.3	11.0
SMAC-B2 EQUIVALENT			
CORRECTED	53.8	62.8	15.6
MAXIMUM VELOCITY (CM/SEC.)			
FIXED FILTER	5.98	4.26	1.94
VARIABLE FILTER	5.45	3.50	1.69
MAXIMUM DISPLACEMENT (CM)			
FIXED FILTER	4.64	3.00	1.28
VARIABLE FILTER	5.28	2.78	0.47

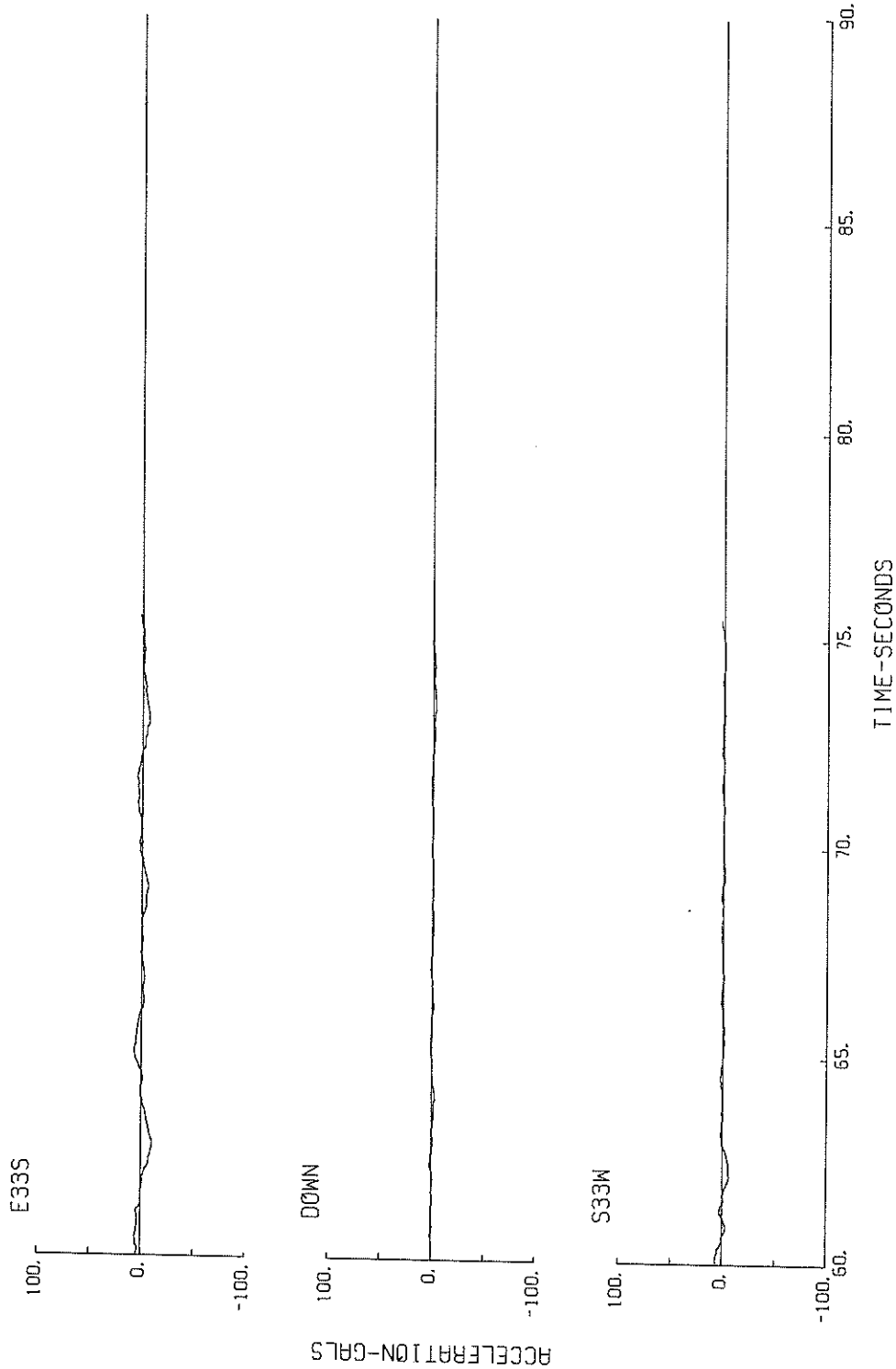
S-1058 YAMASHITA-HEN-S



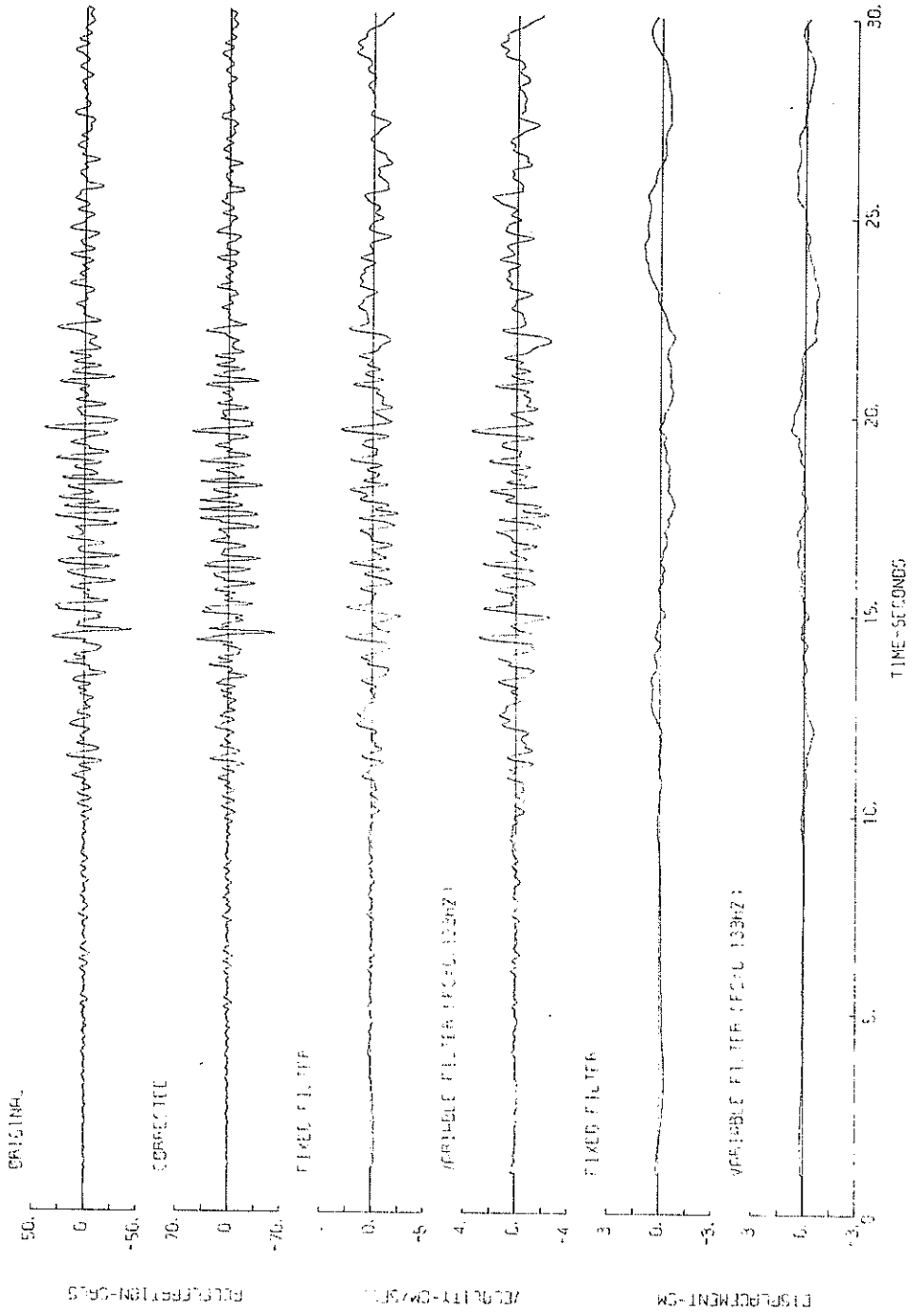
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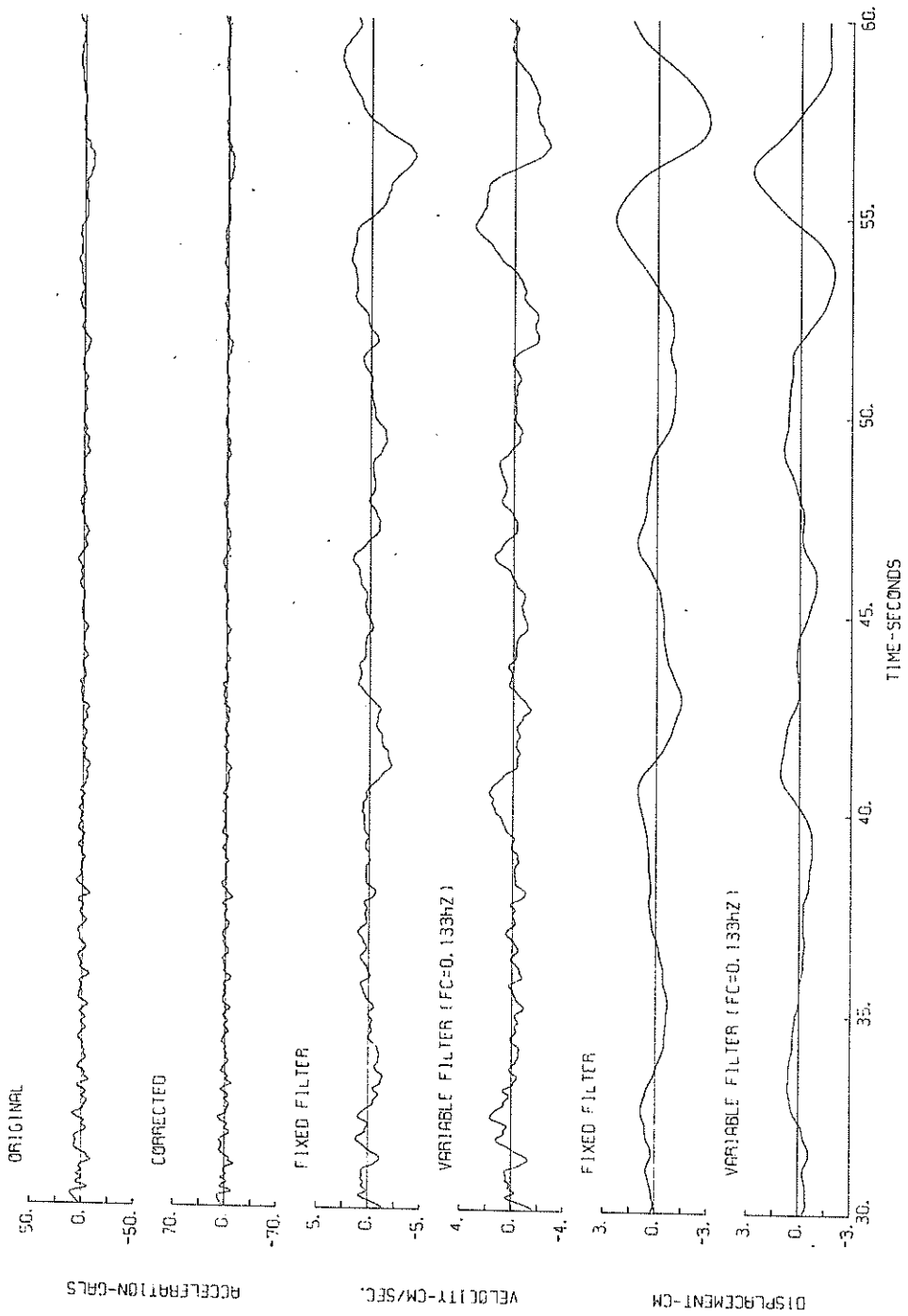
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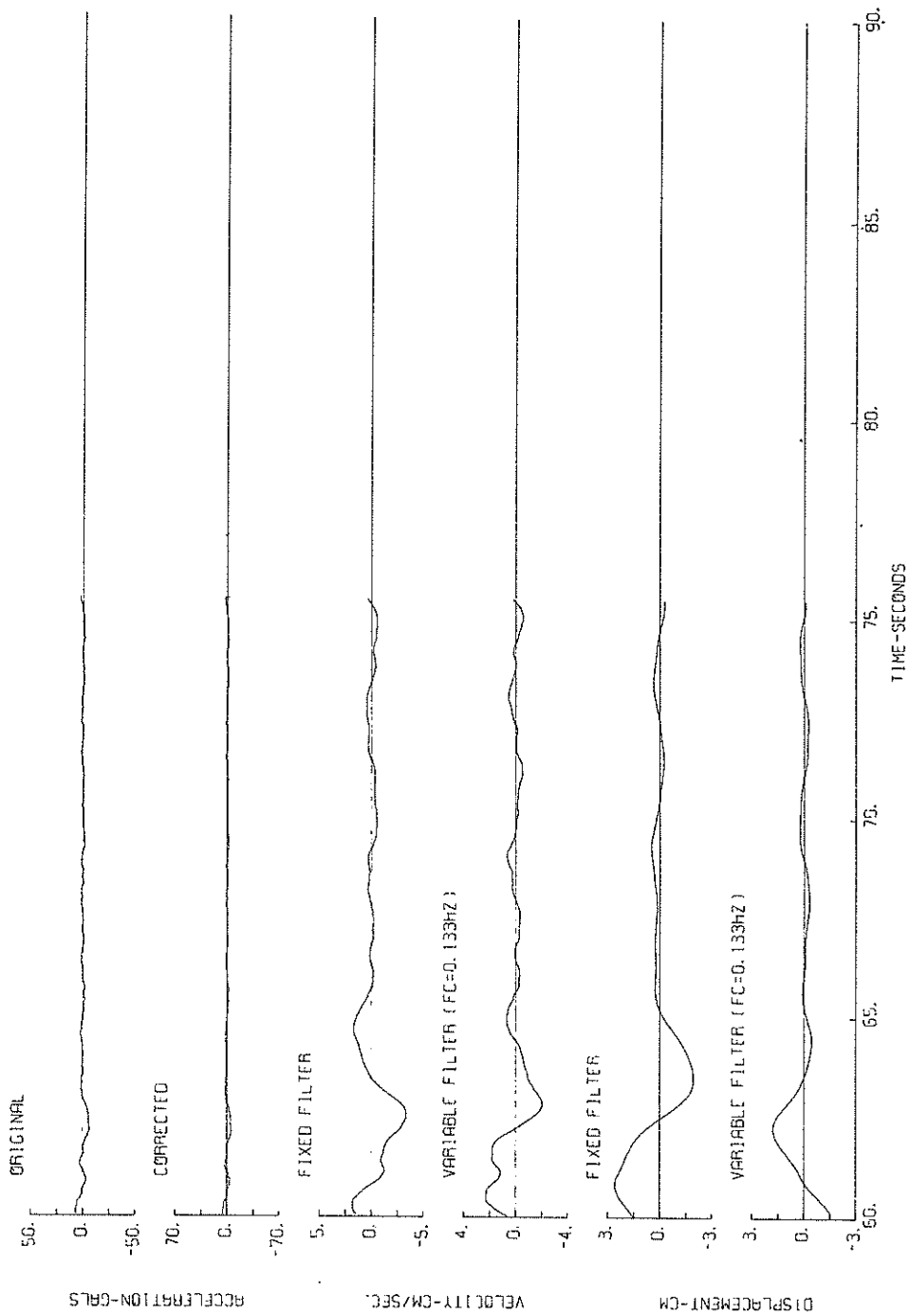
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S-1058 S33W YAMASHITA-HEN-S

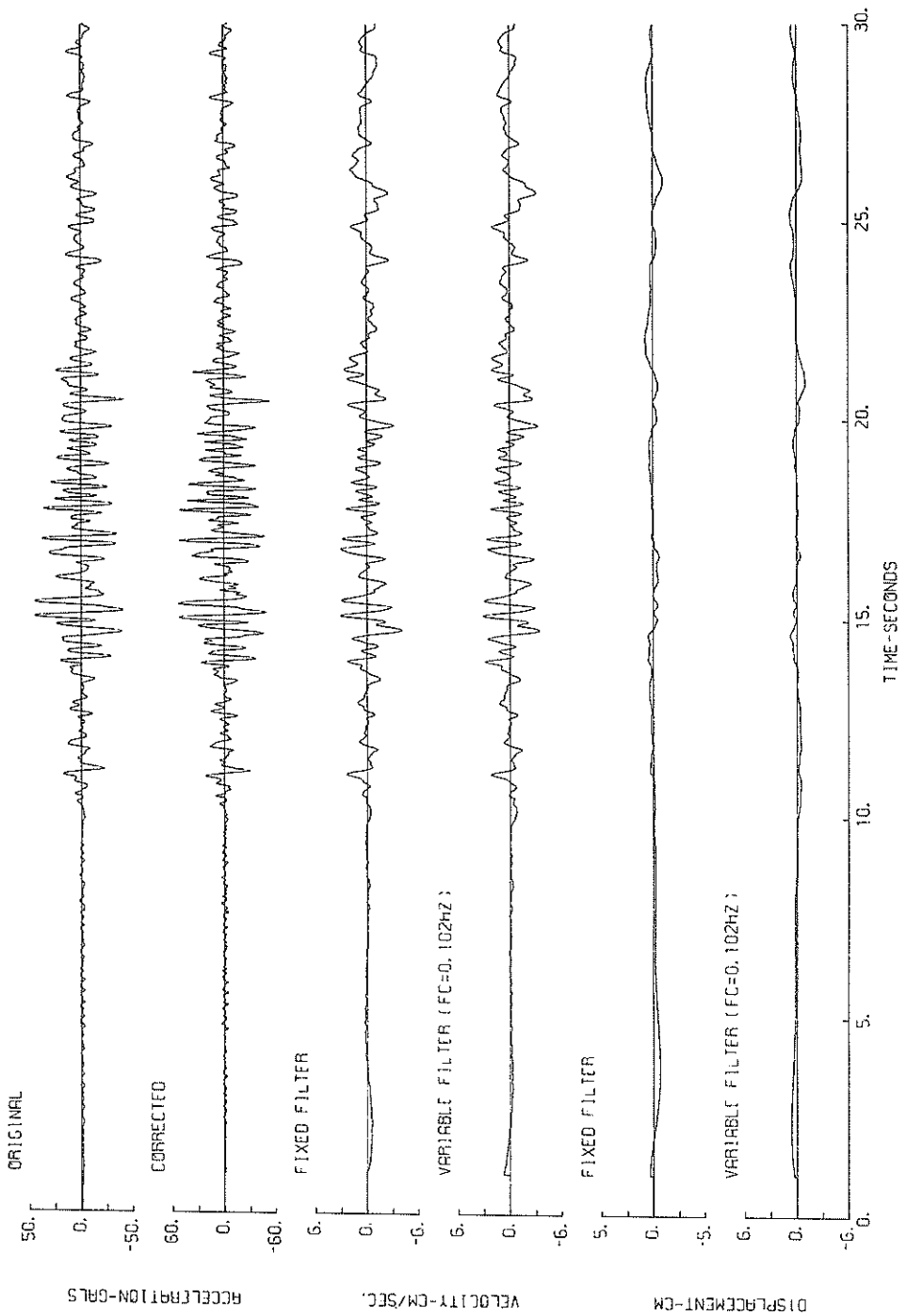


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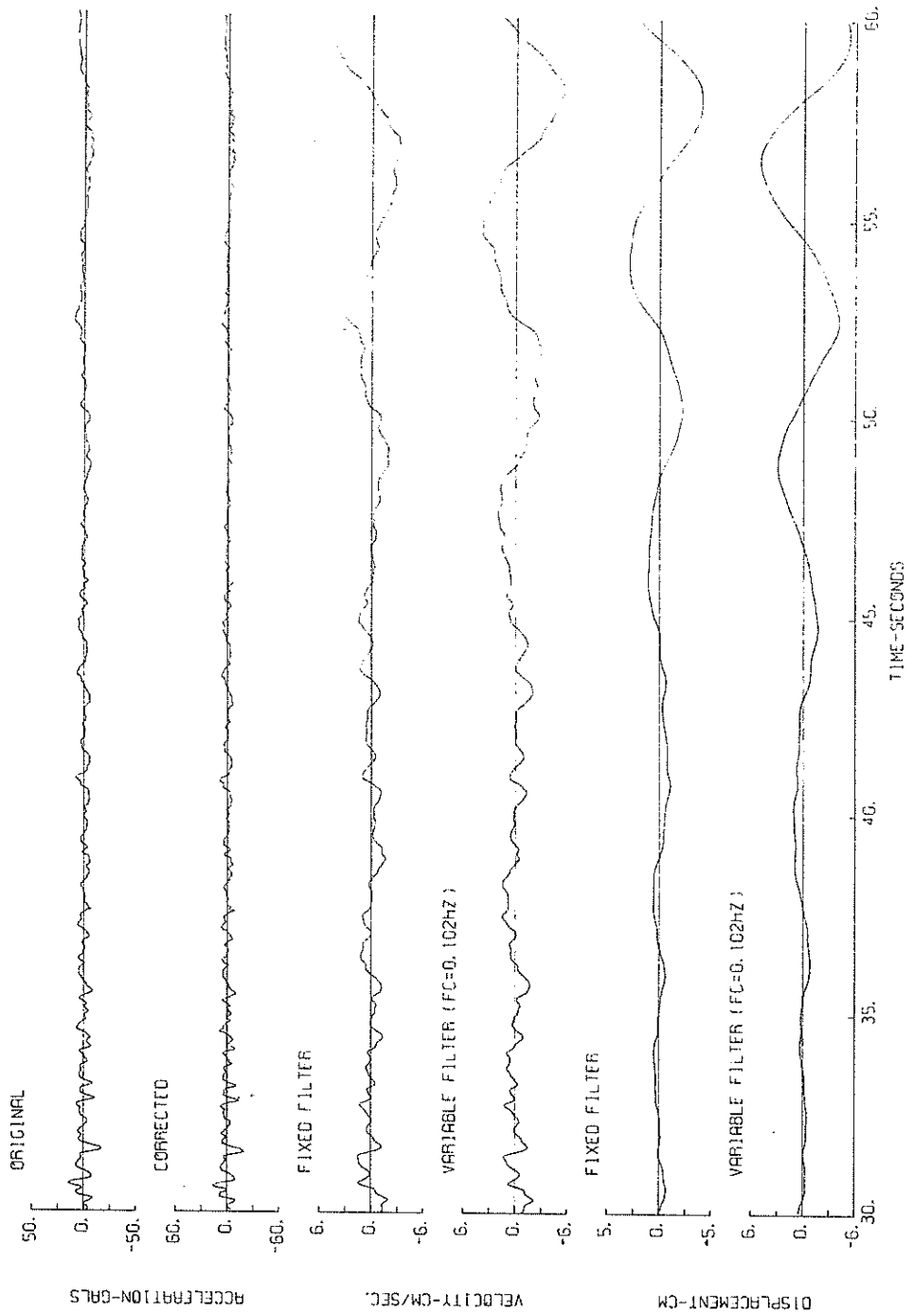




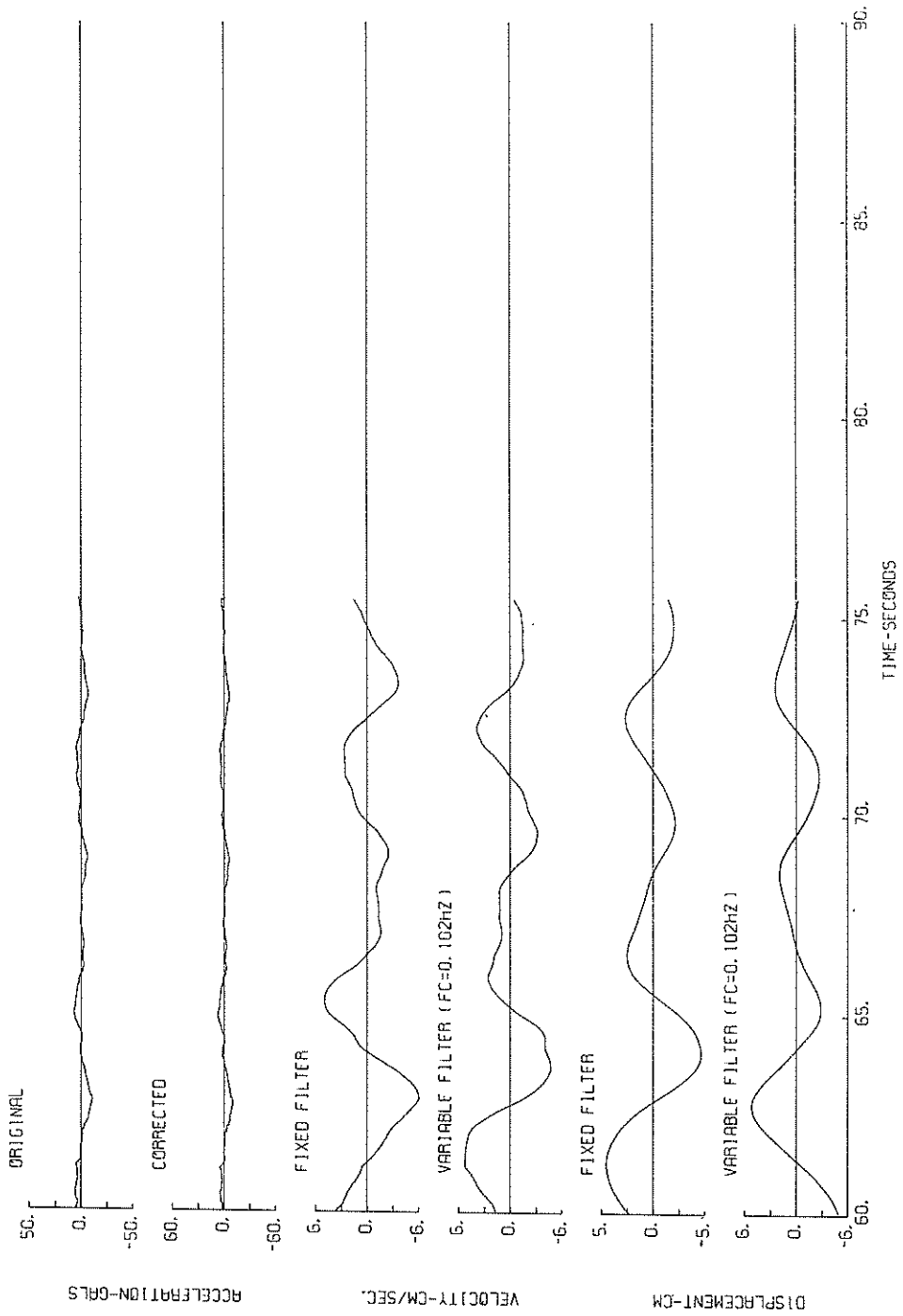
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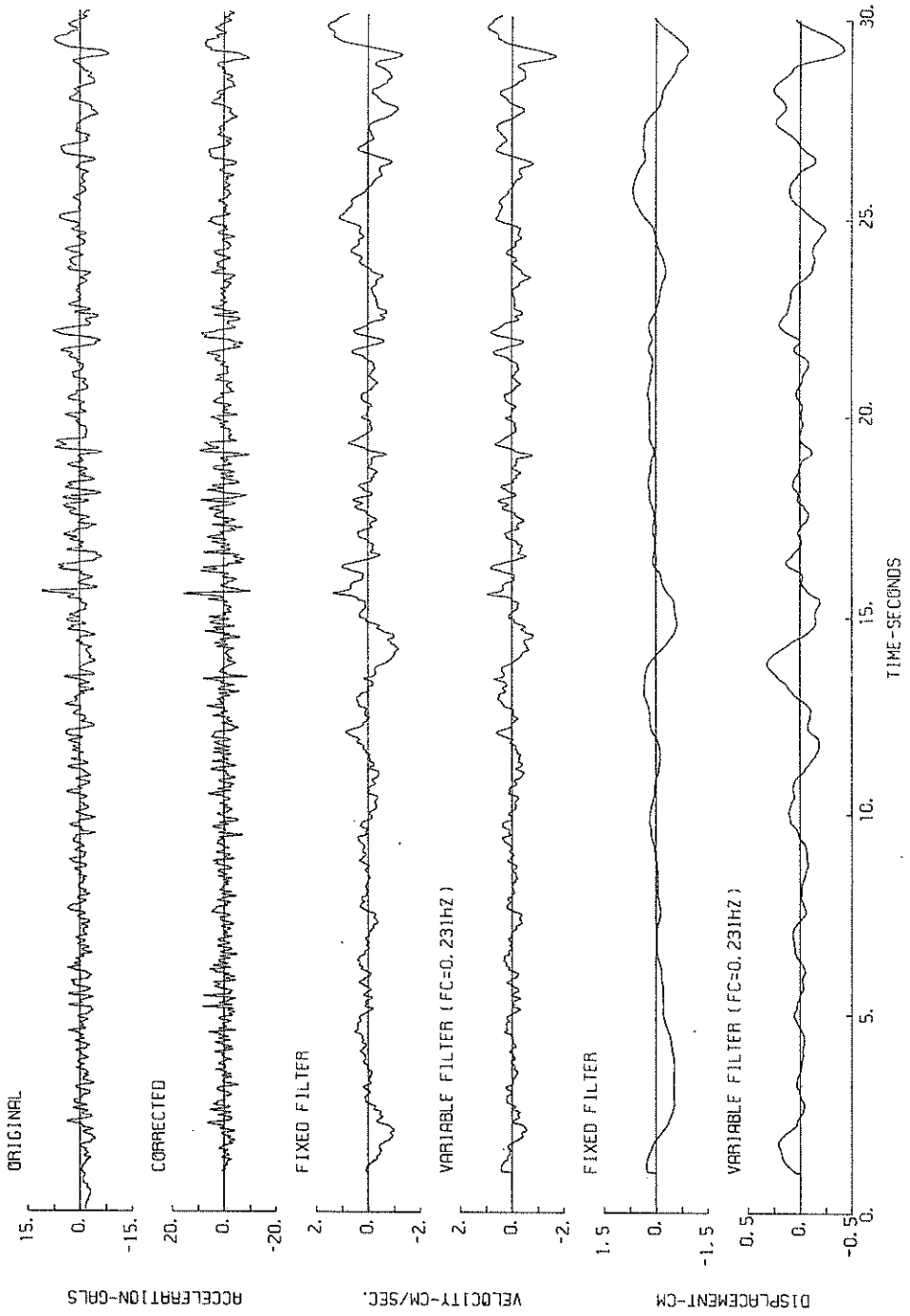
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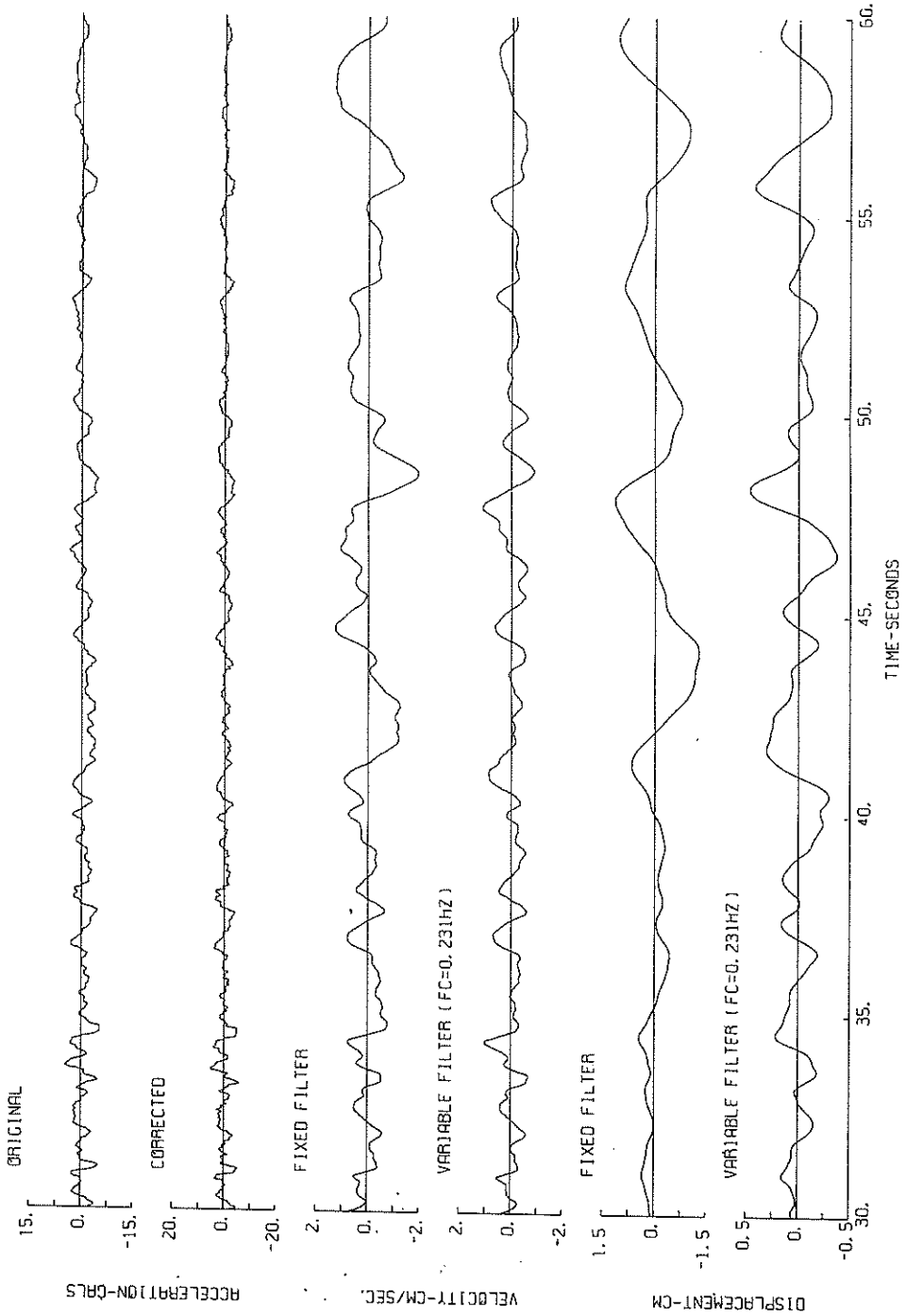
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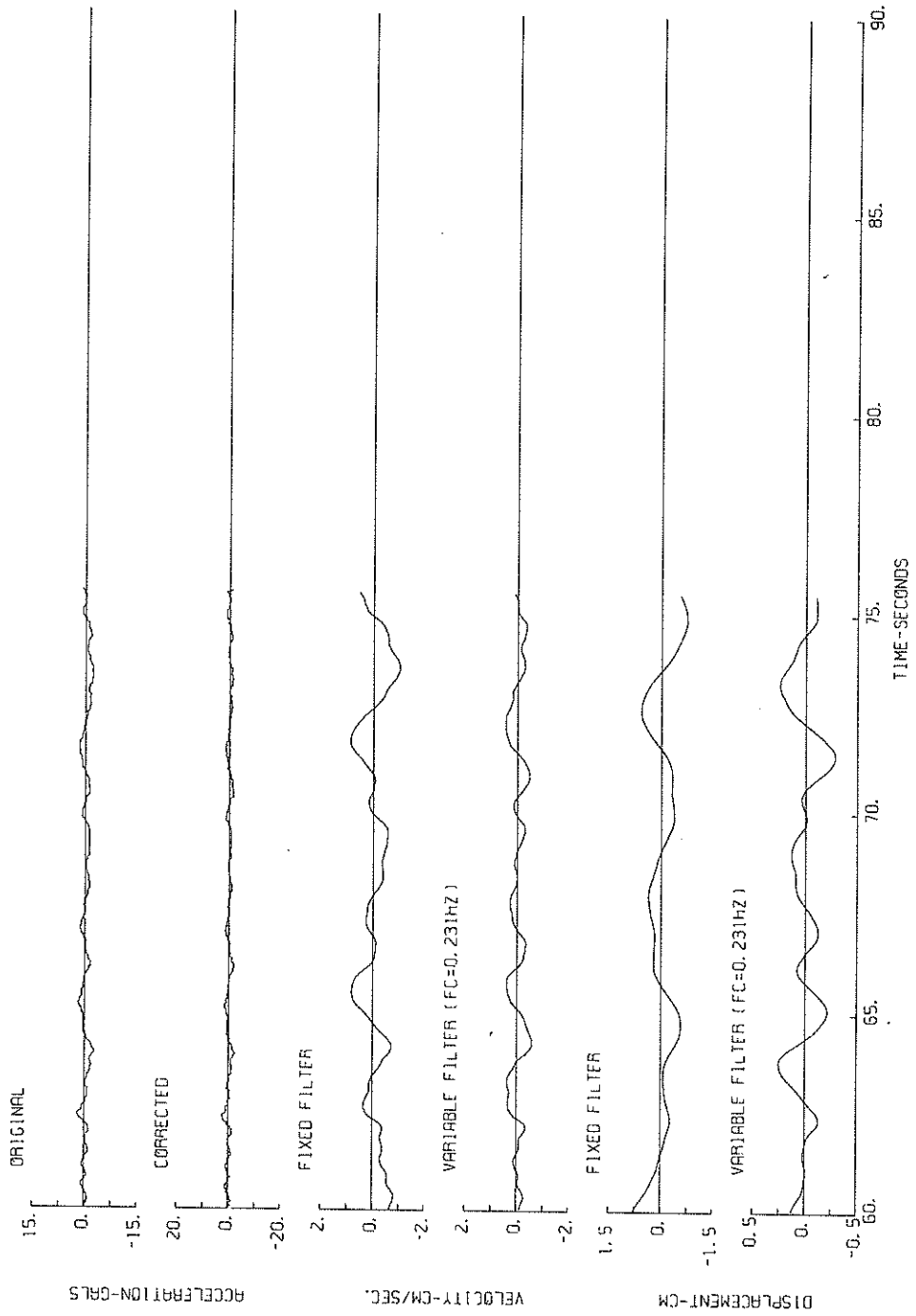
S-1058 DOWN YAMASHITA-HEN-S



S-1058 DOWN YAMASHITA-HEN-S

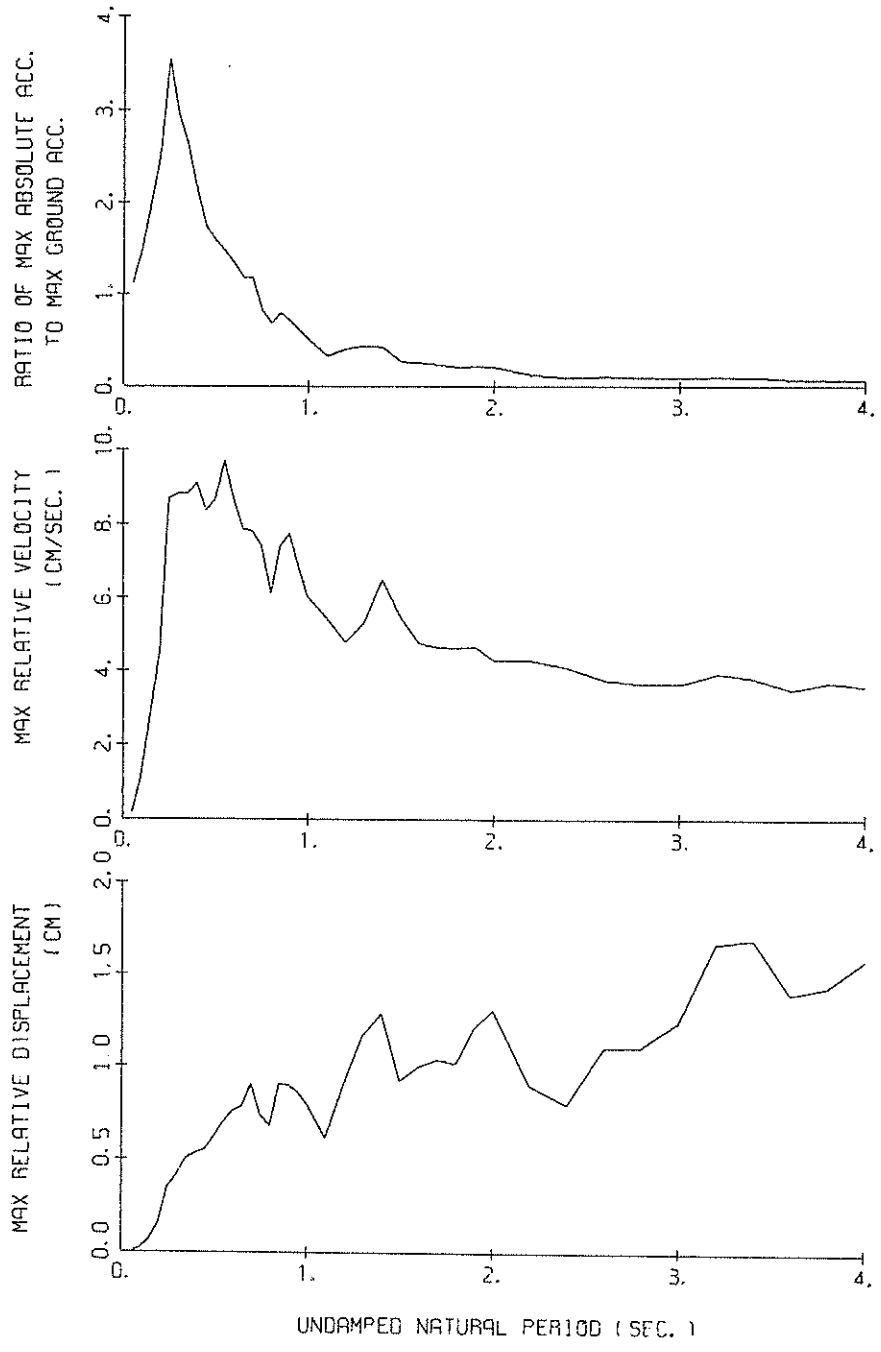


S-1058 DOWN YAMASHITA-HEN-S



S-1058 S33W YAMASHITA-HEN-S

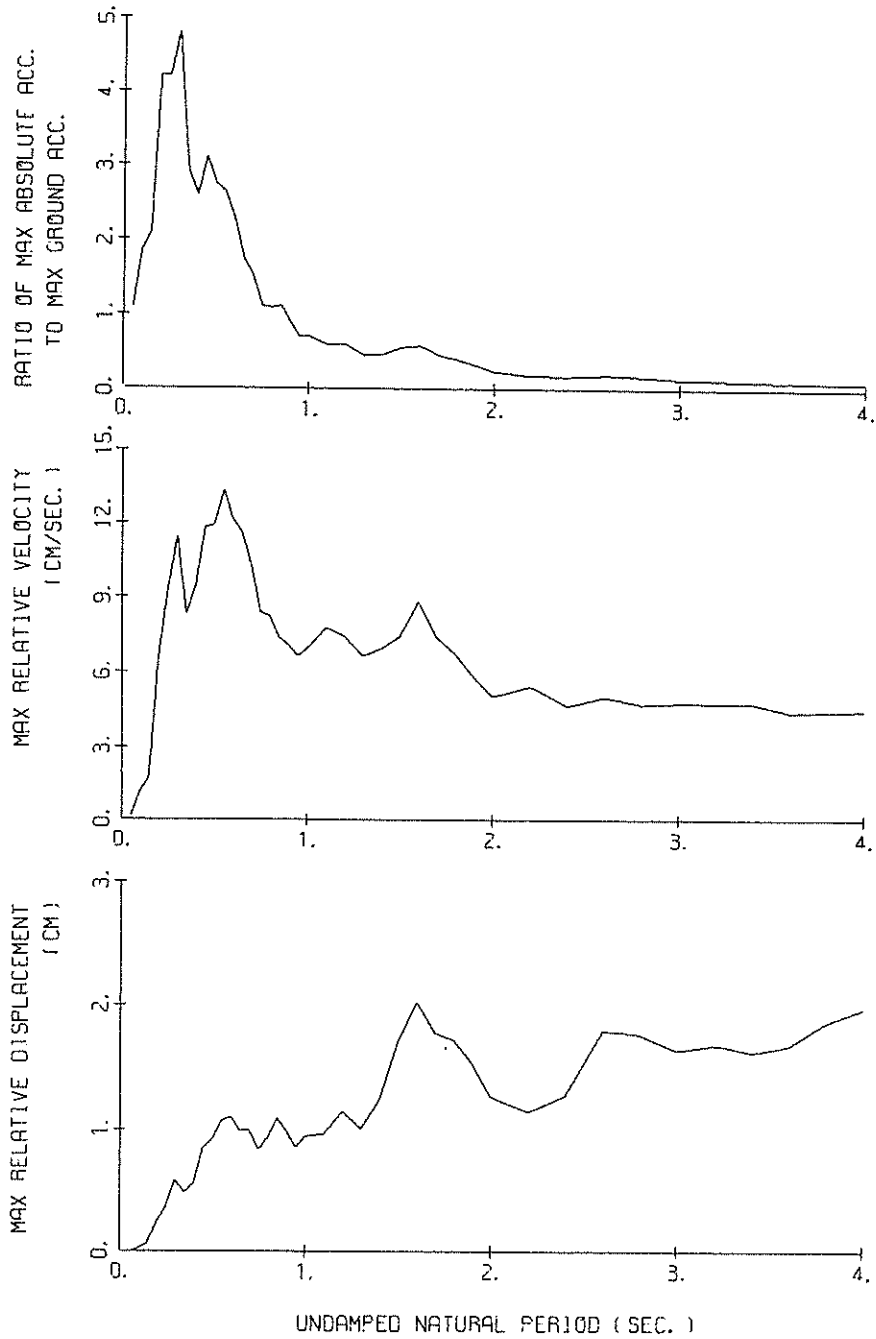
(1/FC=7.52 sec.)



RESPONSE SPECTRA (H=0.05)

S-1058 E33S YAMASHITA-HEN-S

( $1/FC=9.80$  sec.)

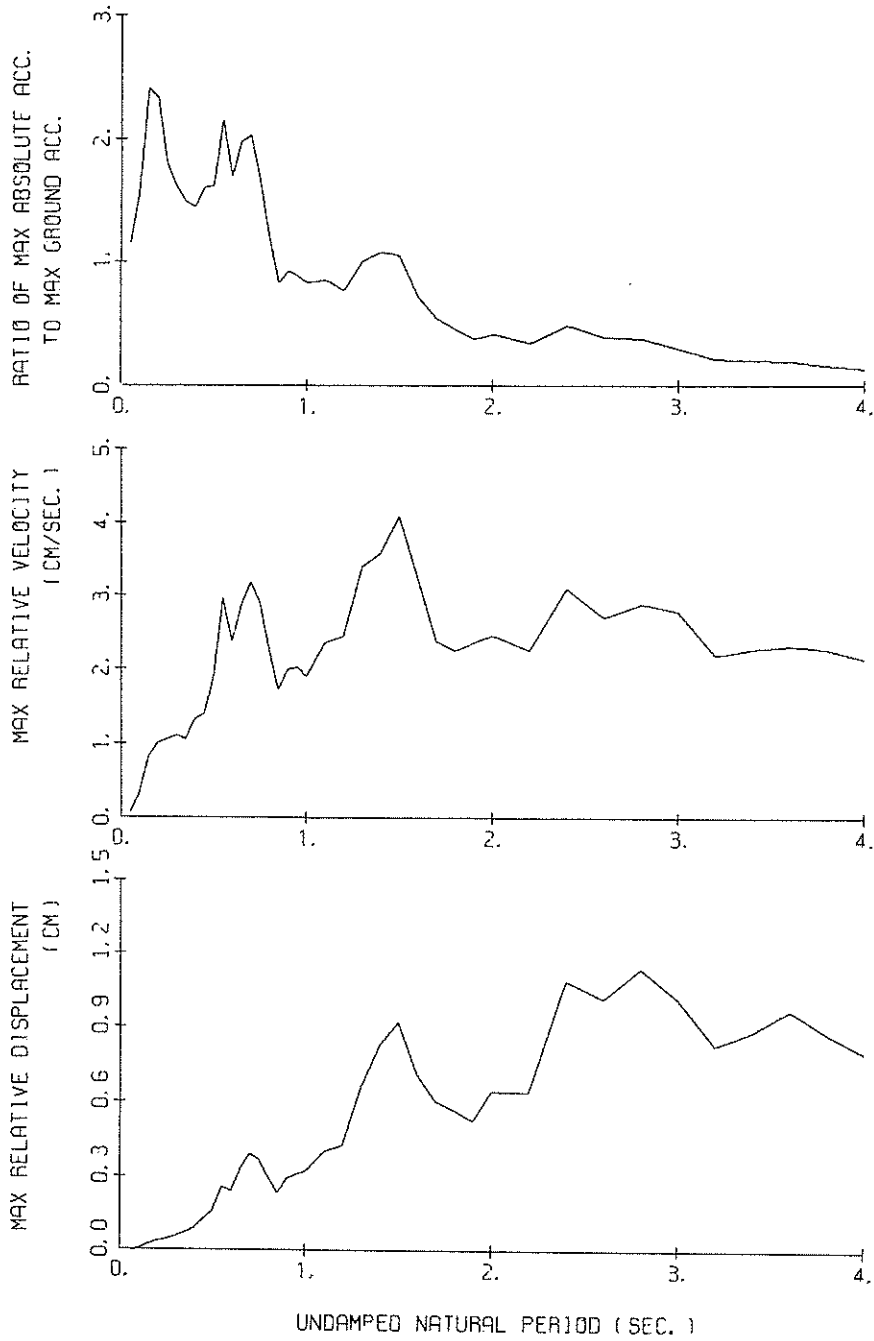


RESPONSE SPECTRA (H=0.05)



S-1058 DOWN YAMASHITA-HEN-S

(1/FC=4.33 sec.)



RESPONSE SPECTRA (H=0.05)

RESPONSE SPECTRUM

RECORD = S-1058 COMPONENT = S33W SIGNAL = GR. ACC. CORRECTION = STATION = YAMASHITA-HEN-S  
 DATE AND TIME = 1978-01-14-12-24 SAMPRING INTERVAL = 0.100(G/SEC) MAX. GROUND ACC. = 62.83 (GAL)  
 TIME LENGTH = 30.00 (SEC) SKIPPED LENGTH = 10.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	69.4	0.26	0.004	69.0	0.14	0.004	68.8	0.14	0.004	68.7	0.15	0.004	67.9	0.14	0.004
0.10	186.3	2.54	0.047	115.1	1.40	0.029	92.7	1.16	0.024	76.5	2.18	0.019	77.9	0.73	0.019
0.15	503.8	11.93	0.287	164.0	3.36	0.093	125.2	2.82	0.070	98.5	5.11	0.056	78.9	1.53	0.042
0.20	336.1	10.33	0.340	201.4	6.01	0.204	157.8	6.01	0.159	117.6	11.7	0.118	77.4	2.12	0.074
0.25	846.4	33.48	1.340	343.3	13.28	0.542	222.2	8.69	0.352	134.3	22.2	0.209	82.0	2.89	0.117
0.30	688.3	31.90	1.569	274.2	13.01	0.623	185.0	8.64	0.430	132.8	26.7	0.287	78.4	3.33	0.164
0.35	496.4	27.26	1.560	191.8	10.45	0.594	164.2	8.81	0.508	130.3	31.9	0.397	77.9	3.75	0.220
0.40	288.2	18.72	1.168	178.3	12.01	0.721	133.0	9.12	0.536	109.3	48.8	0.434	69.1	3.91	0.248
0.45	346.5	24.64	1.777	142.9	10.80	0.734	108.5	8.36	0.554	76.0	55.5	0.381	58.1	4.51	0.248
0.50	146.7	12.22	0.929	117.2	9.97	0.741	99.1	8.69	0.624	76.5	7.21	0.475	48.8	5.00	0.268
0.55	154.6	13.66	1.185	109.2	10.92	0.837	92.0	9.70	0.701	68.8	7.91	0.516	46.9	5.18	0.320
0.60	197.9	20.33	1.805	97.3	10.05	0.866	84.0	8.64	0.760	66.8	7.20	0.595	44.4	4.94	0.354
0.65	251.4	25.89	2.690	100.2	9.97	1.071	73.5	7.84	0.782	57.4	6.01	0.593	40.1	4.44	0.344
0.70	150.2	16.80	1.864	90.5	9.94	1.122	73.3	7.79	0.903	54.5	6.01	0.654	37.1	3.85	0.378
0.75	88.6	11.38	1.262	59.5	8.49	0.847	51.7	7.40	0.733	43.1	5.77	0.594	33.8	3.75	0.386
0.80	108.7	14.00	1.763	50.8	7.32	0.822	42.2	6.09	0.679	34.3	5.34	0.569	30.2	3.90	0.360
0.85	125.5	17.48	2.297	72.5	10.31	1.325	46.6	7.42	0.902	33.2	5.17	0.590	28.7	4.00	0.369
0.90	168.9	15.49	2.193	58.0	10.17	1.187	43.8	7.73	0.892	28.6	5.59	0.565	23.6	4.05	0.360
0.95	81.0	13.05	1.851	50.8	9.09	1.159	37.8	6.80	0.858	24.9	5.14	0.557	20.9	4.10	0.350
1.00	69.9	11.29	1.769	40.2	7.03	1.016	31.6	5.98	0.792	23.4	5.21	0.564	18.5	4.11	0.342
1.10	31.3	7.73	0.959	23.9	6.34	0.732	20.3	5.42	0.612	16.5	4.80	0.490	14.9	4.03	0.341
1.20	44.0	8.54	1.604	31.0	6.06	1.128	25.0	4.76	0.907	18.8	3.94	0.670	13.0	3.67	0.374
1.30	36.2	7.15	1.551	31.2	6.24	1.335	27.4	5.29	1.167	19.8	4.07	0.828	11.7	3.77	0.408
1.40	88.7	19.92	4.404	39.5	9.58	1.957	26.0	6.49	1.283	17.1	4.94	0.826	10.8	3.71	0.462
1.50	26.7	7.35	1.521	19.5	5.52	1.108	16.2	5.43	0.919	13.8	4.82	0.763	10.1	3.62	0.503
1.60	32.1	8.29	2.081	20.5	5.46	1.325	15.5	4.72	0.897	12.1	4.34	0.781	9.6	3.51	0.539
1.70	25.1	6.97	1.839	17.7	5.17	1.290	14.3	4.60	1.034	11.4	3.81	0.800	9.2	3.33	0.577
1.80	27.8	8.40	2.282	16.4	5.13	1.341	12.4	4.59	1.010	10.3	3.78	0.829	8.8	3.12	0.614
1.90	17.8	5.77	1.623	15.6	5.38	1.426	13.3	4.64	1.202	10.5	3.78	0.930	8.4	3.03	0.644
2.00	23.1	7.24	2.339	16.3	5.28	1.652	12.9	4.64	1.307	10.1	3.62	0.995	8.0	3.04	0.666
2.20	13.1	5.03	1.600	9.4	4.50	1.147	7.4	4.25	0.894	7.3	3.86	0.855	7.0	3.20	0.684
2.40	5.4	4.35	0.793	5.4	4.20	0.779	5.5	4.05	0.792	5.5	3.79	0.815	6.1	3.25	0.690
2.60	10.3	4.70	1.777	7.7	3.78	1.317	6.5	3.72	1.102	5.6	3.59	0.909	5.3	3.23	0.694
2.80	9.1	4.47	1.800	6.7	3.86	1.319	5.6	3.61	1.103	4.8	3.38	0.989	4.7	3.17	0.688
3.00	7.3	4.34	1.668	6.2	3.85	1.420	5.4	3.61	1.236	4.5	3.27	0.987	4.1	3.09	0.688
3.20	12.1	6.33	3.166	8.4	4.51	2.174	6.4	3.90	1.665	4.5	3.29	1.158	3.7	3.01	0.668
3.40	10.9	5.71	3.690	7.4	4.32	2.148	6.4	3.77	1.670	4.2	3.21	1.219	3.7	2.95	0.671
3.60	5.8	4.34	1.916	5.2	3.81	1.669	4.4	3.47	1.591	3.6	3.05	1.157	3.6	2.93	0.709
3.80	5.1	4.69	1.865	4.5	4.10	1.603	4.1	3.66	1.431	3.5	3.07	1.151	3.5	2.90	0.726
4.00	7.2	4.62	2.936	5.0	3.85	1.943	3.9	3.55	1.573	3.1	3.16	1.193	3.4	2.89	0.739

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

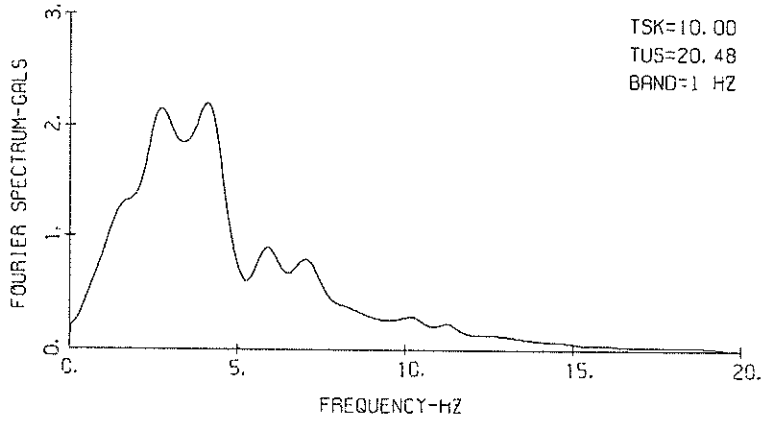
RECORD = S-1058 COMPONENT = E3J5 SIGNAL = GR. ACC. CORRECTION = MAX-GROUND ACC. = 53.76 (GAL)  
 DATE AND TIME = 1978-01-14-12-24 SAMPLING INTERVAL = 0.0100(SEC) STATION = YAMASHITA-HEN-S  
 TIME LENGTH = 30.00 (SEC) SKIPPED LENGTH = 10.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RV	RD	AA	RV	RV	RD	AA	RV	RV	RD	AA	RV
0.05	69.9	0.26	0.004	57.5	0.14	0.004	57.3	0.13	0.004	57.6	0.13	0.004	57.2	0.12	0.004	57.2	0.12	0.004	57.2	
0.10	235.2	3.49	0.060	120.5	1.65	0.031	99.3	1.17	0.025	85.9	0.83	0.032	72.6	0.54	0.018	63.0	0.35	0.015	53.0	
0.15	223.1	4.55	0.127	119.5	1.98	0.068	113.2	1.77	0.064	103.8	1.68	0.059	83.0	1.35	0.045	70.7	1.10	0.035	57.0	
0.20	567.2	17.78	0.575	310.6	9.41	0.313	227.1	6.58	0.228	153.1	4.18	0.152	102.8	2.41	0.092	85.0	1.90	0.135	67.0	
0.25	521.9	20.12	0.826	289.2	11.54	0.457	228.4	9.31	0.359	153.1	6.29	0.242	102.8	3.34	0.150	92.0	2.60	0.190	77.0	
0.30	874.4	40.81	1.993	345.2	15.84	0.785	256.7	11.42	0.587	173.2	7.17	0.389	98.7	4.04	0.209	88.0	3.30	0.270	92.0	
0.35	310.4	17.96	0.963	172.8	10.29	0.534	156.4	8.31	0.462	130.5	7.17	0.398	98.1	4.30	0.276	98.1	4.30	0.276	98.1	
0.40	370.7	23.66	1.502	167.4	11.95	0.677	139.4	9.44	0.562	117.4	7.41	0.468	91.6	4.81	0.330	84.5	4.81	0.330	84.5	
0.45	375.3	26.93	1.925	216.8	15.17	1.112	166.9	11.83	0.851	124.1	8.85	0.624	84.5	5.53	0.378	84.5	5.53	0.378	84.5	
0.50	278.5	21.90	1.764	181.3	14.33	1.145	146.9	11.96	0.926	116.4	9.53	0.720	74.0	6.10	0.401	74.0	6.10	0.401	74.0	
0.55	316.0	27.59	2.436	204.1	17.93	1.539	141.0	13.36	1.074	100.4	10.48	0.751	64.5	6.24	0.430	64.5	6.24	0.430	64.5	
0.60	235.1	23.57	2.144	157.6	14.91	1.436	121.9	12.12	1.104	91.7	9.55	0.811	58.2	5.88	0.443	58.2	5.88	0.443	58.2	
0.65	291.4	23.93	2.690	110.3	13.24	1.179	92.9	11.58	0.988	73.9	8.23	0.790	52.8	5.79	0.481	52.8	5.79	0.481	52.8	
0.70	113.5	13.42	1.408	93.1	11.57	1.155	80.9	10.25	0.996	66.3	8.39	0.795	48.8	5.54	0.502	48.8	5.54	0.502	48.8	
0.75	80.4	10.94	1.145	61.1	8.76	0.866	59.0	8.36	0.834	52.7	7.17	0.723	43.6	5.19	0.501	43.6	5.19	0.501	43.6	
0.80	151.8	18.62	2.461	76.4	10.08	1.237	58.4	8.20	0.942	45.1	6.89	0.712	38.3	4.90	0.488	38.3	4.90	0.488	38.3	
0.85	154.3	20.99	2.824	73.1	9.36	1.337	60.2	7.34	1.095	45.1	6.06	0.800	33.8	4.91	0.474	33.8	4.91	0.474	33.8	
0.90	122.7	17.45	2.518	56.4	8.21	1.157	48.4	7.06	0.986	39.2	5.73	0.779	30.4	4.88	0.467	30.4	4.88	0.467	30.4	
0.95	58.9	8.62	1.346	45.6	6.93	1.041	37.5	6.63	0.855	32.9	5.71	0.731	28.0	4.91	0.470	28.0	4.91	0.470	28.0	
1.00	80.3	12.48	2.033	44.9	8.10	1.136	37.4	6.95	0.945	29.0	5.80	0.728	26.2	5.00	0.478	26.2	5.00	0.478	26.2	
1.10	57.5	10.95	1.763	38.7	8.84	1.184	31.9	7.74	0.966	26.6	6.53	0.795	22.8	5.27	0.479	22.8	5.27	0.479	22.8	
1.20	119.1	22.48	4.343	47.6	9.26	1.742	31.8	7.42	1.152	23.2	6.75	0.813	19.1	5.46	0.490	19.1	5.46	0.490	19.1	
1.30	58.1	11.99	2.485	29.8	7.51	1.276	23.6	6.62	1.004	21.4	6.49	0.910	16.0	5.51	0.590	16.0	5.51	0.590	16.0	
1.40	69.9	16.13	3.470	31.4	7.23	1.557	25.2	6.94	1.245	22.3	6.48	1.082	15.5	5.49	0.670	15.5	5.49	0.670	15.5	
1.50	83.3	20.16	4.747	41.2	10.03	2.343	30.1	7.45	1.708	23.3	6.36	1.256	15.0	5.37	0.722	15.0	5.37	0.722	15.0	
1.60	82.2	21.20	5.330	43.9	12.63	2.841	31.3	8.62	2.022	22.3	6.08	1.412	13.8	5.18	0.744	13.8	5.18	0.744	13.8	
1.70	43.0	11.95	3.148	26.9	8.10	1.965	24.3	7.38	1.772	18.8	5.83	1.353	12.1	4.96	0.738	12.1	4.96	0.738	12.1	
1.80	31.6	9.31	2.591	24.8	7.67	2.036	21.0	6.71	1.715	16.2	5.39	1.303	11.0	4.73	0.756	11.0	4.73	0.756	11.0	
1.90	24.1	6.58	1.930	19.2	6.26	1.754	16.9	5.76	1.532	13.5	4.89	1.201	10.2	4.54	0.756	10.2	4.54	0.756	10.2	
2.00	26.6	8.78	2.697	15.0	5.94	1.920	12.6	5.04	1.265	10.6	4.42	1.050	9.2	4.39	0.742	9.2	4.39	0.742	9.2	
2.20	13.3	6.64	1.635	11.2	6.00	1.365	9.4	5.44	1.143	7.7	4.58	0.899	7.6	4.20	0.724	7.6	4.20	0.724	7.6	
2.40	12.1	5.96	1.760	10.3	5.17	1.506	8.8	4.64	1.282	7.1	4.40	1.005	6.8	4.12	0.744	6.8	4.12	0.744	6.8	
2.60	19.1	8.92	3.271	13.4	6.04	2.294	10.6	5.03	1.795	7.7	4.43	1.273	5.9	4.16	0.809	5.9	4.16	0.809	5.9	
2.80	14.7	8.06	2.914	10.8	5.76	2.149	8.9	4.71	1.760	6.9	4.51	1.321	5.3	4.21	0.878	5.3	4.21	0.878	5.3	
3.00	11.5	5.13	2.632	8.5	4.96	1.940	7.2	4.81	1.633	6.1	4.59	1.241	5.4	4.24	0.927	5.4	4.24	0.927	5.4	
3.20	13.0	6.70	3.370	8.6	4.85	2.226	6.6	4.74	1.686	5.1	4.57	1.249	4.9	4.25	0.969	4.9	4.25	0.969	4.9	
3.40	10.3	6.16	3.027	7.3	5.32	2.133	5.6	4.75	1.620	4.7	4.48	1.283	4.7	4.23	1.006	4.7	4.23	1.006	4.7	
3.60	7.3	5.60	2.388	5.7	4.85	1.859	5.2	4.40	1.675	4.7	4.36	1.425	4.4	4.21	1.032	4.4	4.21	1.032	4.4	
3.80	7.1	5.91	2.603	5.7	5.07	2.079	5.1	4.44	1.862	4.5	4.24	1.546	4.2	4.17	1.039	4.2	4.17	1.039	4.2	
4.00	6.4	5.75	2.578	5.4	5.05	2.184	4.9	4.30	1.969	4.2	4.14	1.636	3.9	4.14	1.068	3.9	4.14	1.068	3.9	

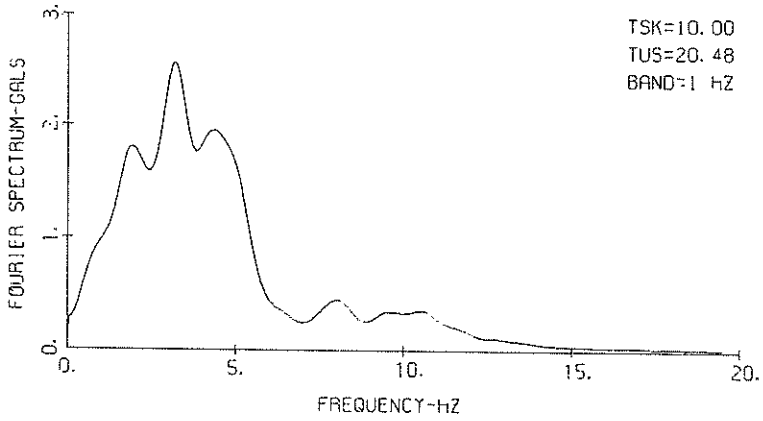
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



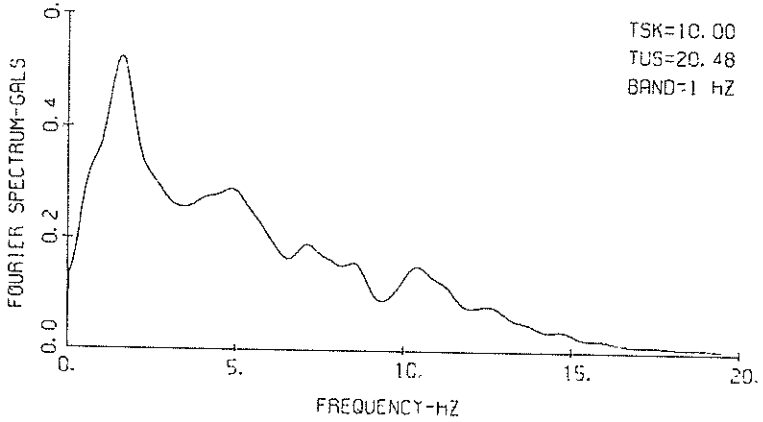
S-1058 S33W YAMASHITA-HEN-S



S-1058 E33S YAMASHITA-HEN-S



S-1058 DOWN YAMASHITA-HEN-S



### FOURIER SPECTRA

RECORD NUMBER

S-1063

STATION

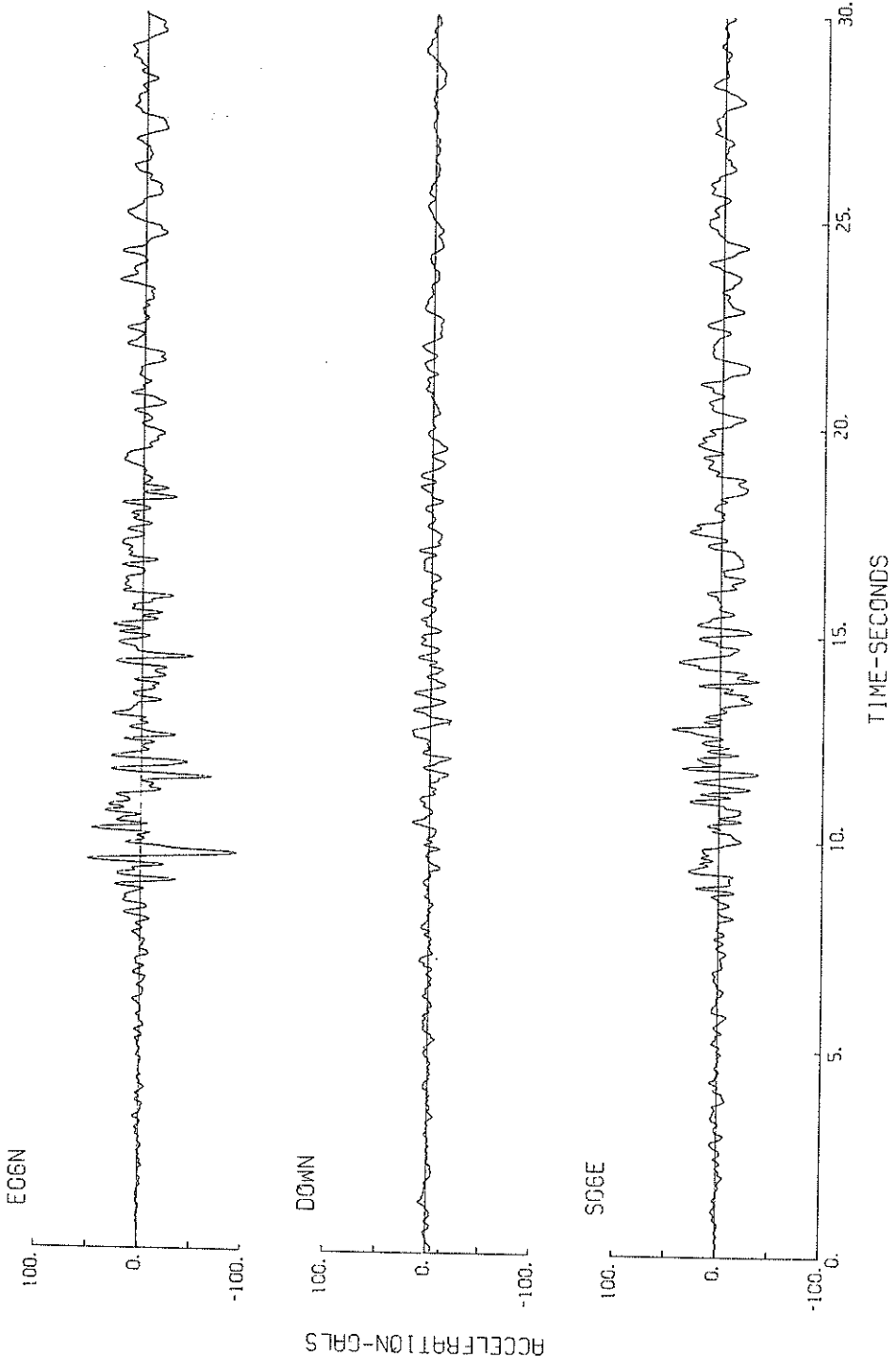
SHIMIZU-KOJYO-S

EARTHQUAKE DATA

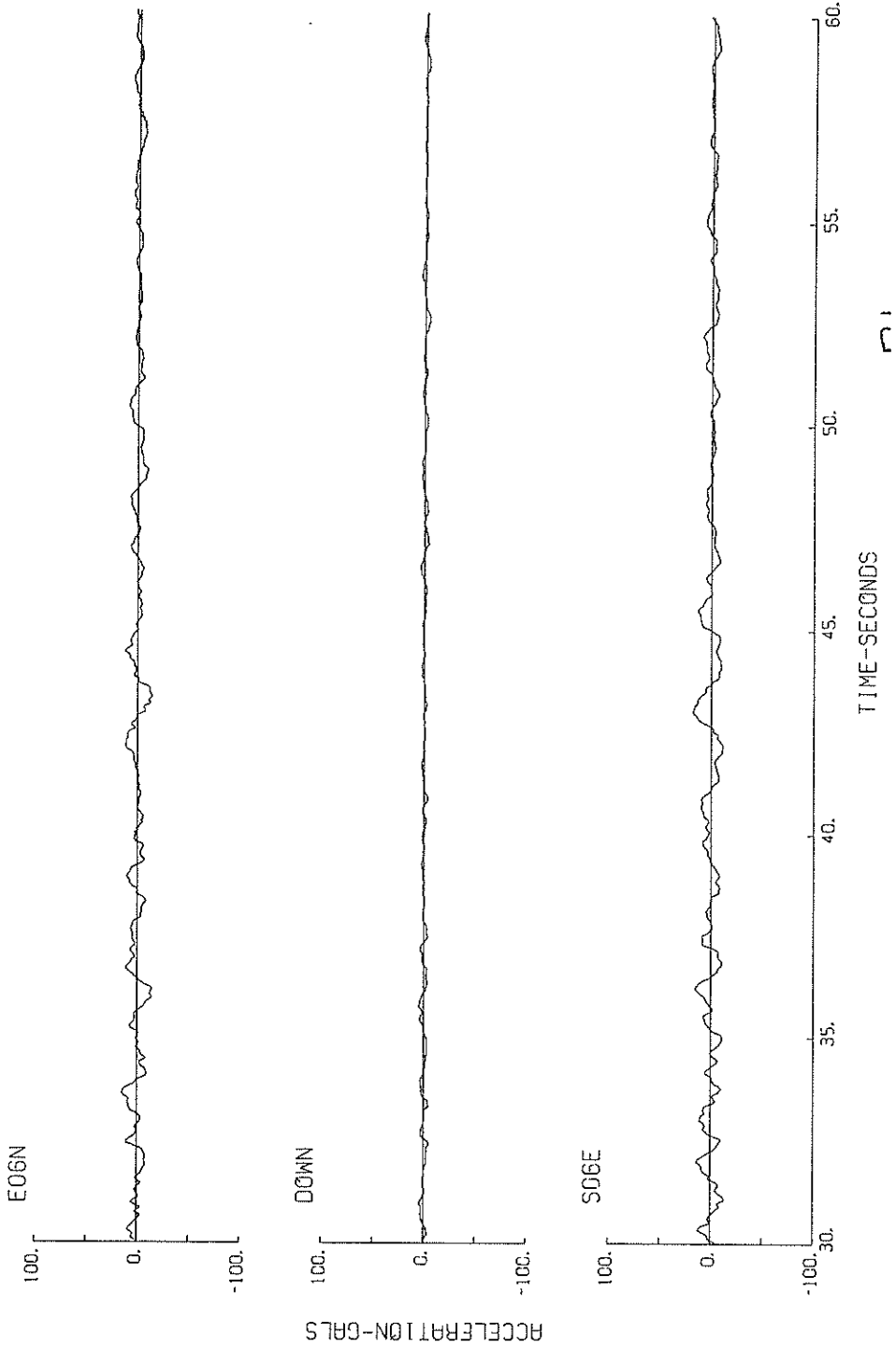
```
*****
*
* DATE AND TIME                12:24 JANUARY 14, 1978      *
*
* LOCATION OF HYPOCENTER      *
* EPICENTRAL REGION          NEAR OSHIMA                  *
* LATITUDE                    34.8 N                      *
* LONGITUDE                   139.3 E                     *
* DEPTH                       0 KM                        *
*
* MAGNITUDE                   7.0                         *
*
*****
```

	ED6N	COMPONENT SD6E	DOWN
PARAMETER OF THE VARIABLE FILTER	-----	-----	-----
FC (HZ)	0.111	0.129	0.257
MAXIMUM ACCELERATION (GAL)	-----	-----	-----
ORIGINAL	93.2	46.7	20.2
SMAC-B2 EQUIVALENT CORRECTED	102.7	54.1	23.9
MAXIMUM VELOCITY (CM/SEC.)	-----	-----	-----
FIXED FILTER	10.2	8.91	3.74
VARIABLE FILTER	11.0	8.10	3.09
MAXIMUM DISPLACEMENT (CM)	-----	-----	-----
FIXED FILTER	5.24	4.27	1.79
VARIABLE FILTER	5.03	3.51	0.825

S-1063 SHIMIZU-KOJYO-S

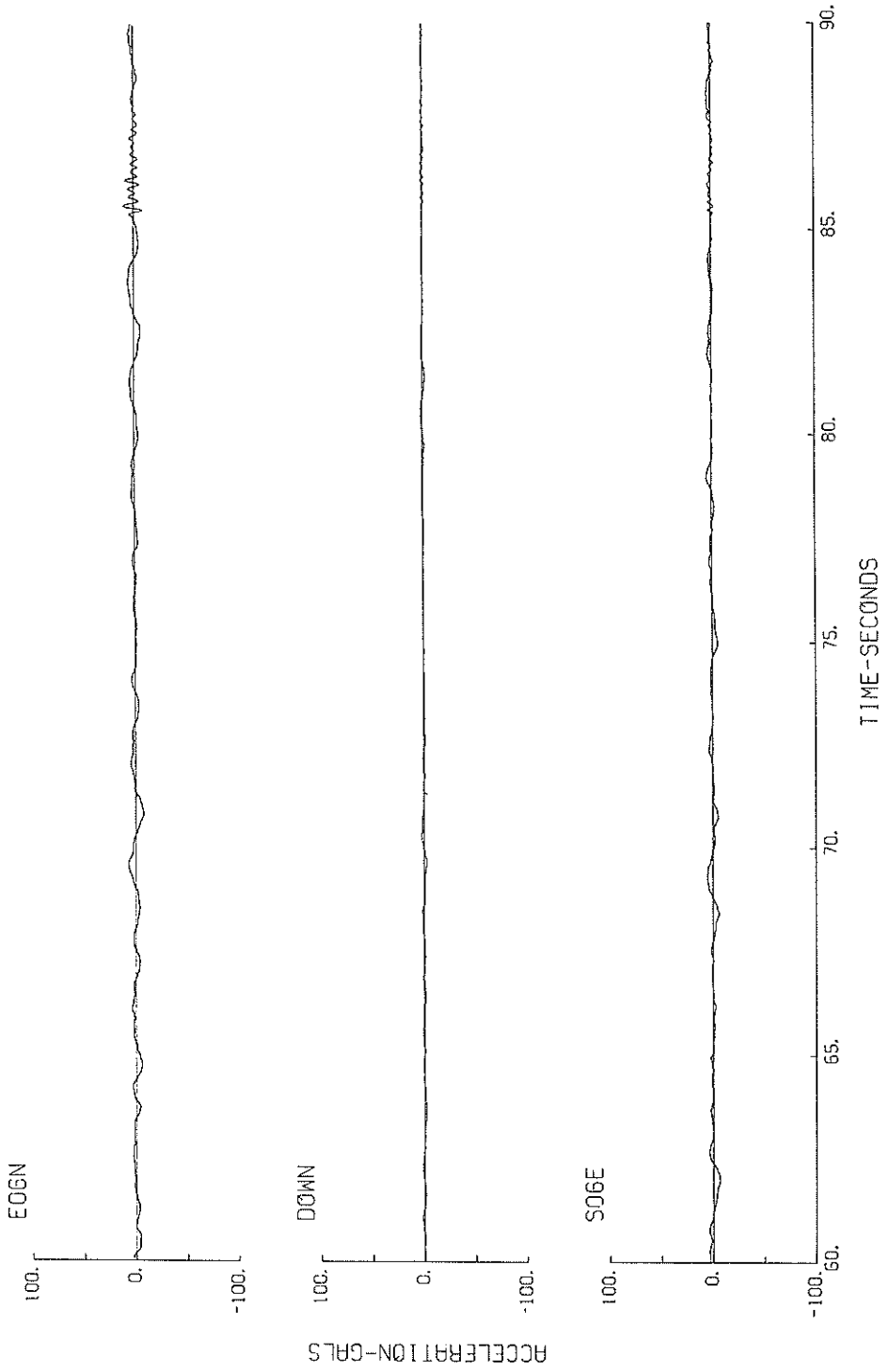


S-1063 SHIMIZU-KOJYO-S

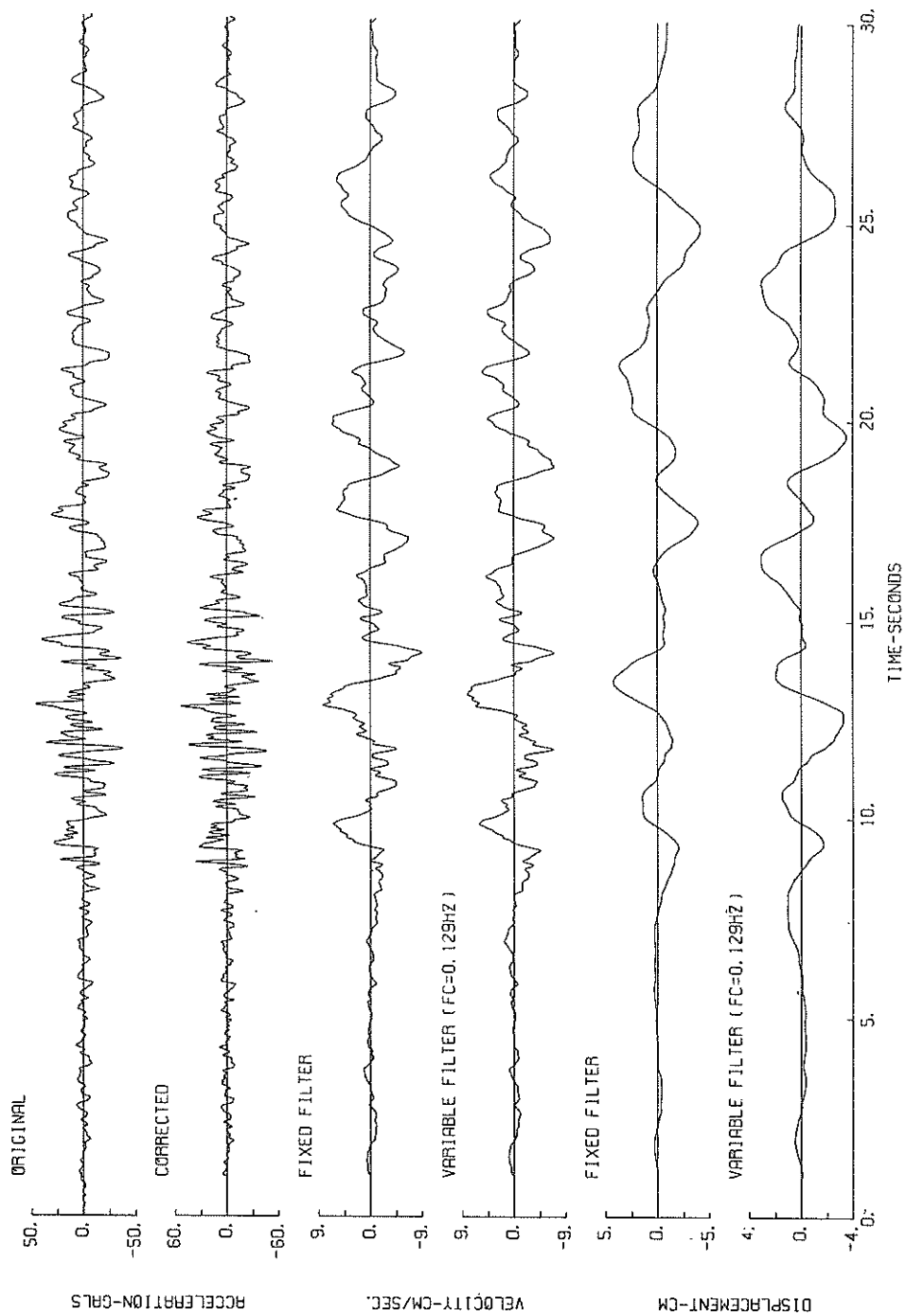




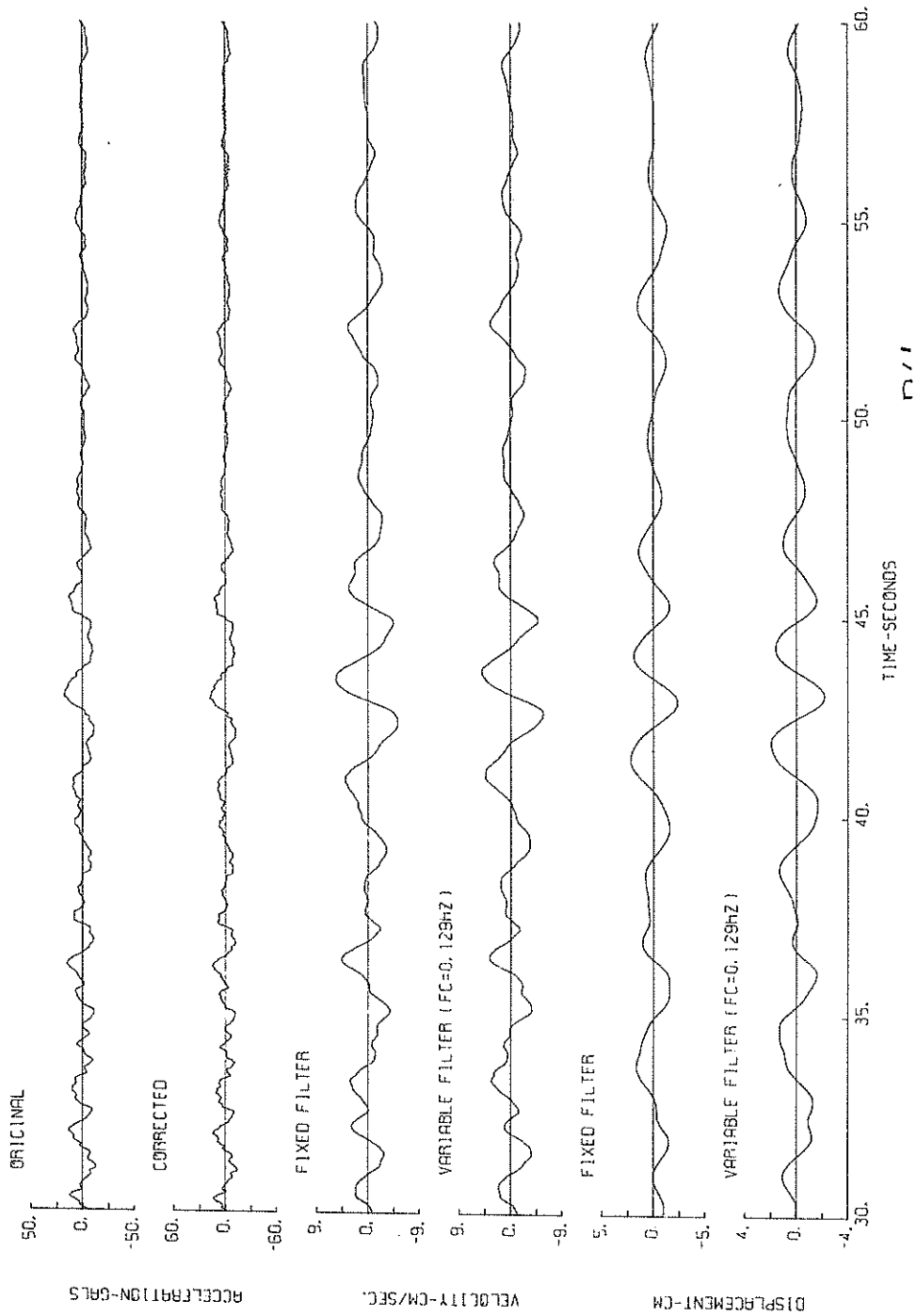
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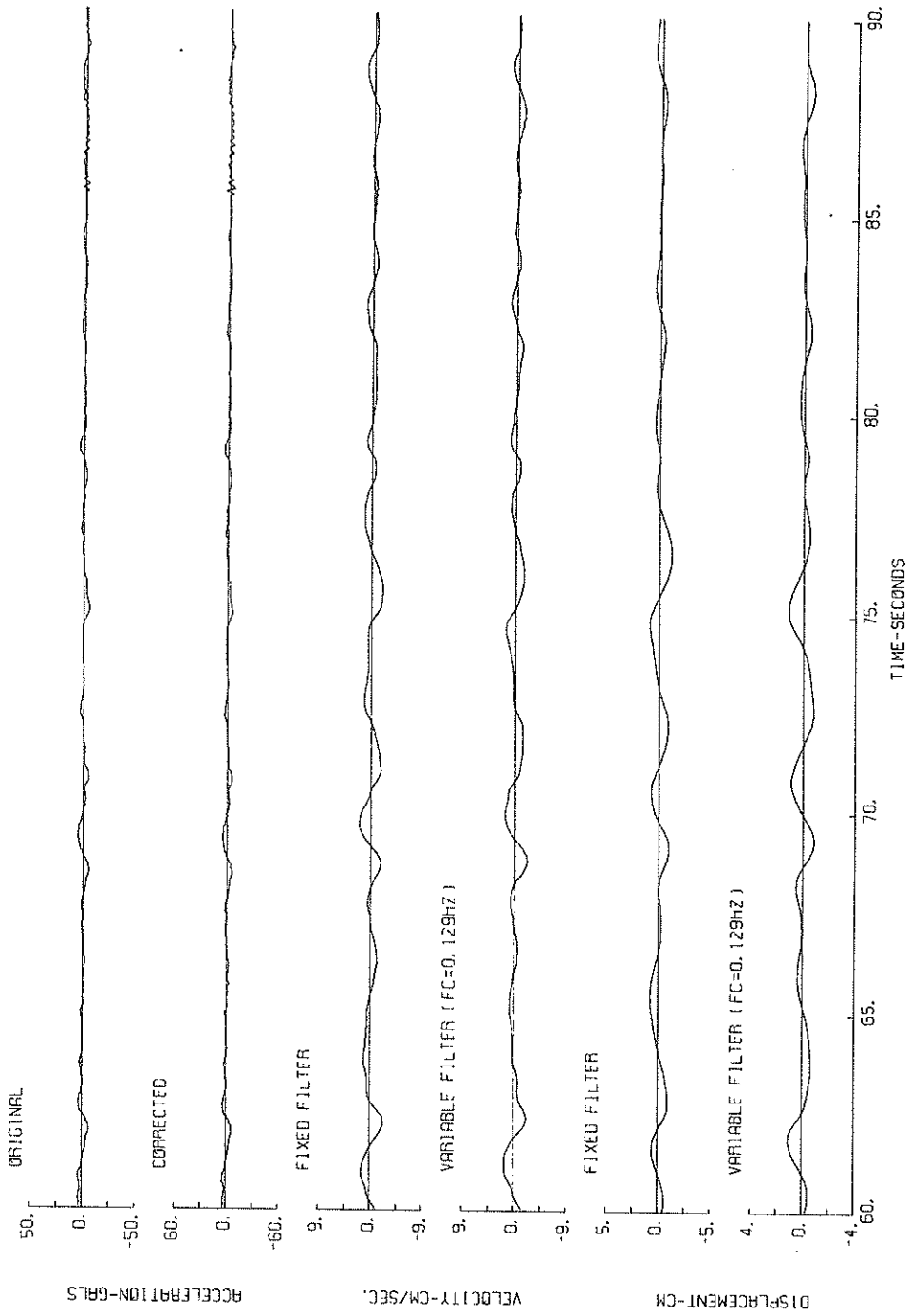
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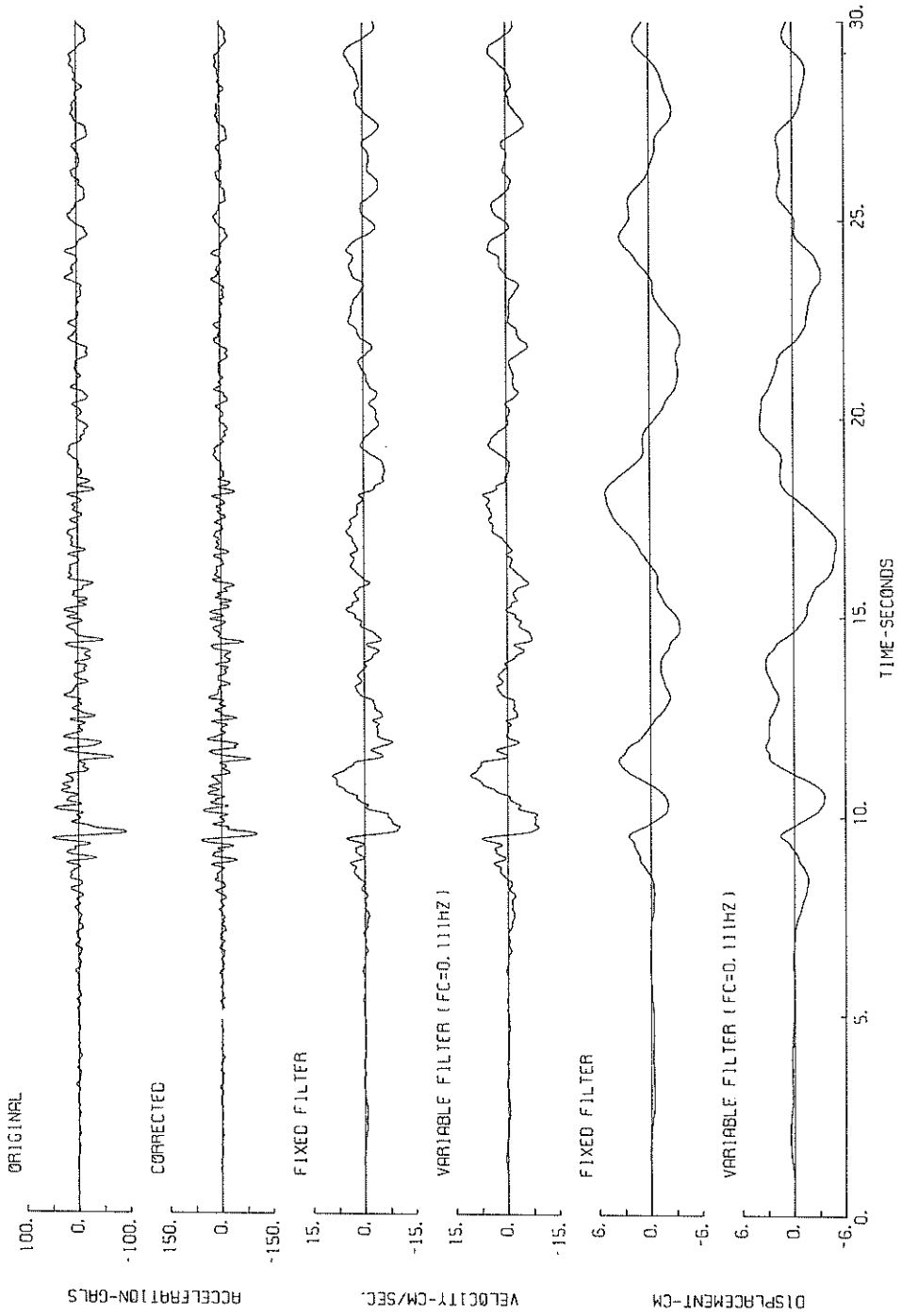
S-1063 SOGE SHIMIZU-KOJYO-S



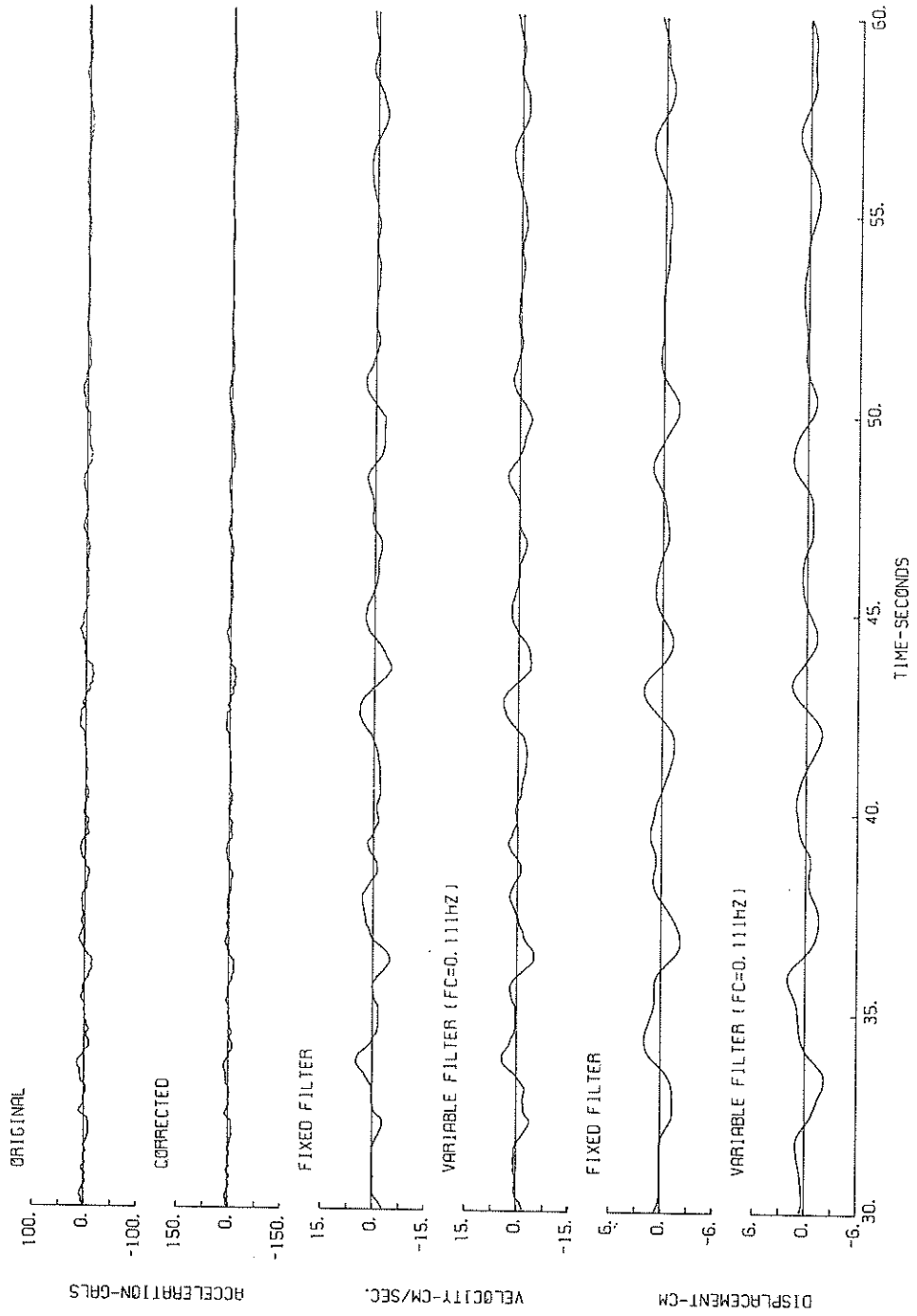
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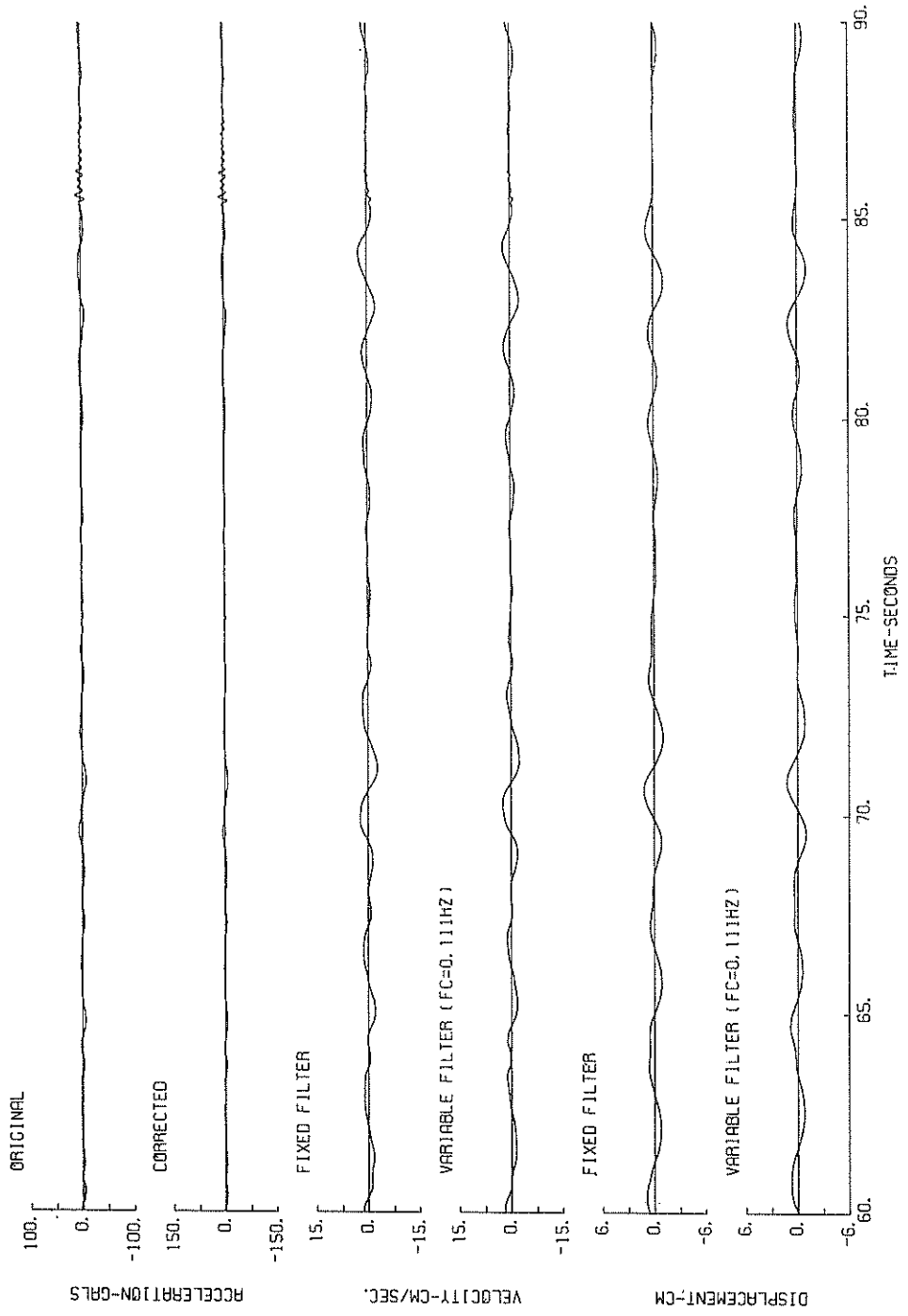
S-1063 E06N SHIMIZU-KOJYO-S



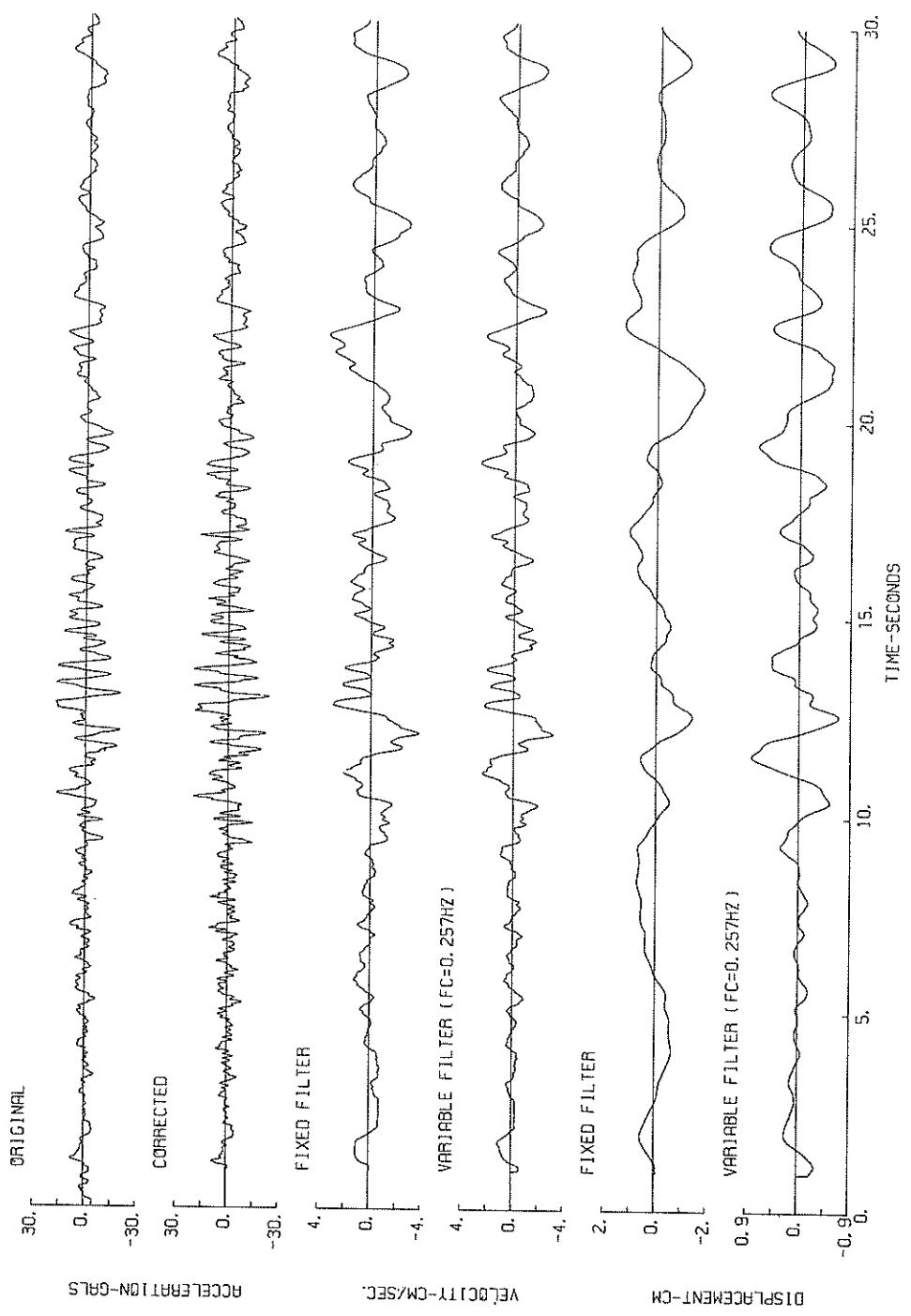
S-1063 E06N SHIMIZU-KOJYO-S



S-1063 E06N SHIMIZU-KOJYO-S

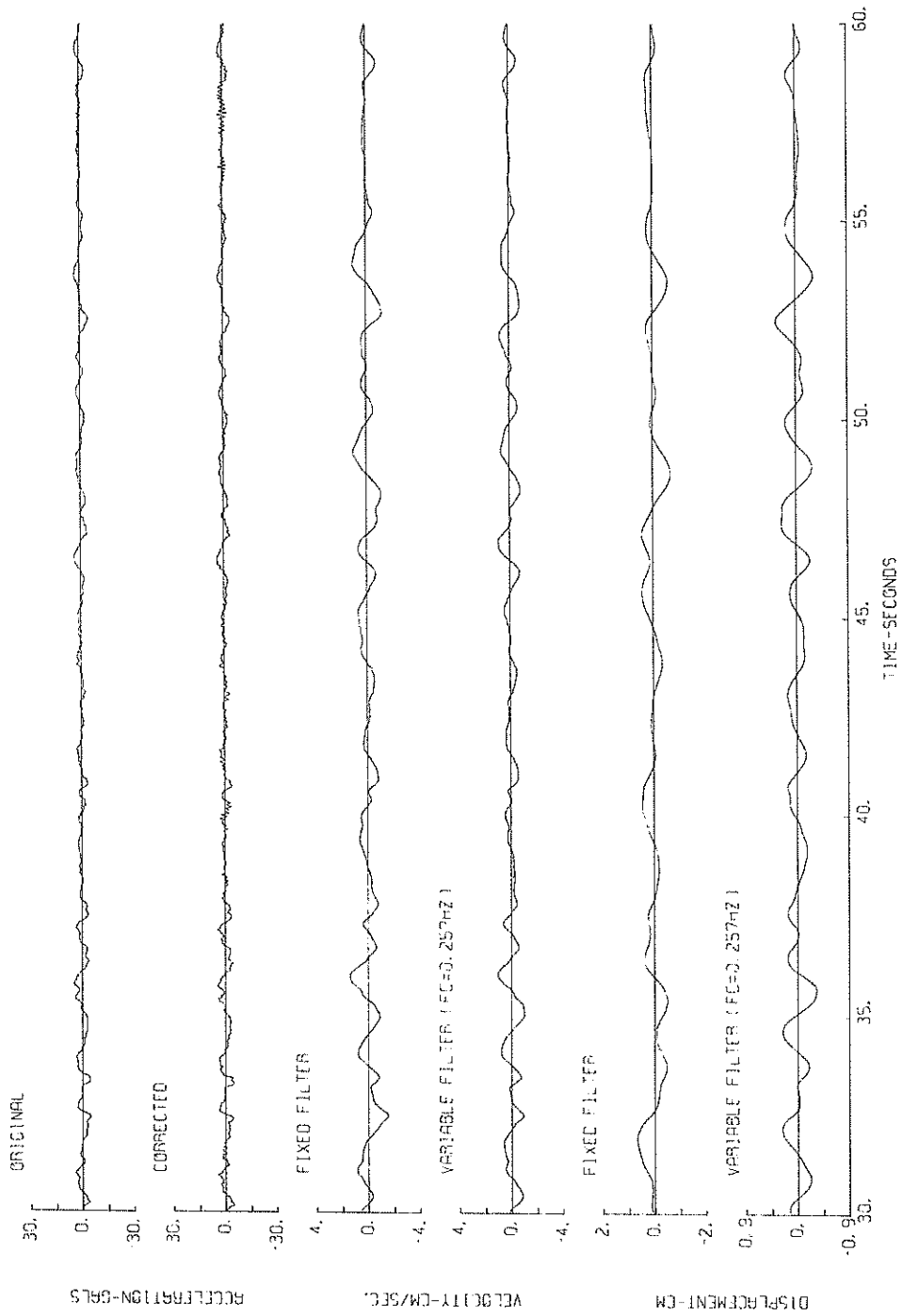


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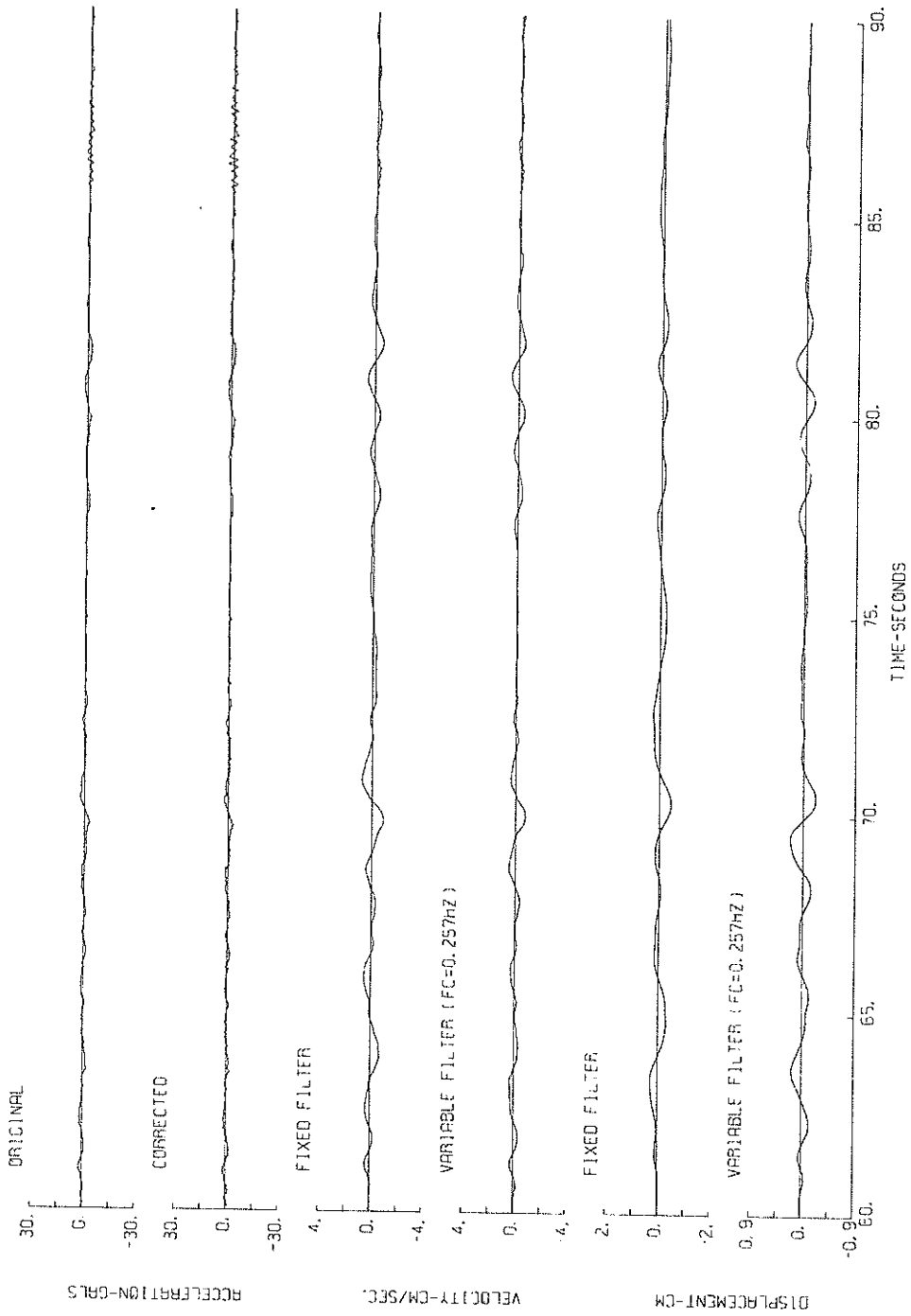




S-1063 DOWN SHIMIZU-KOJYO-S

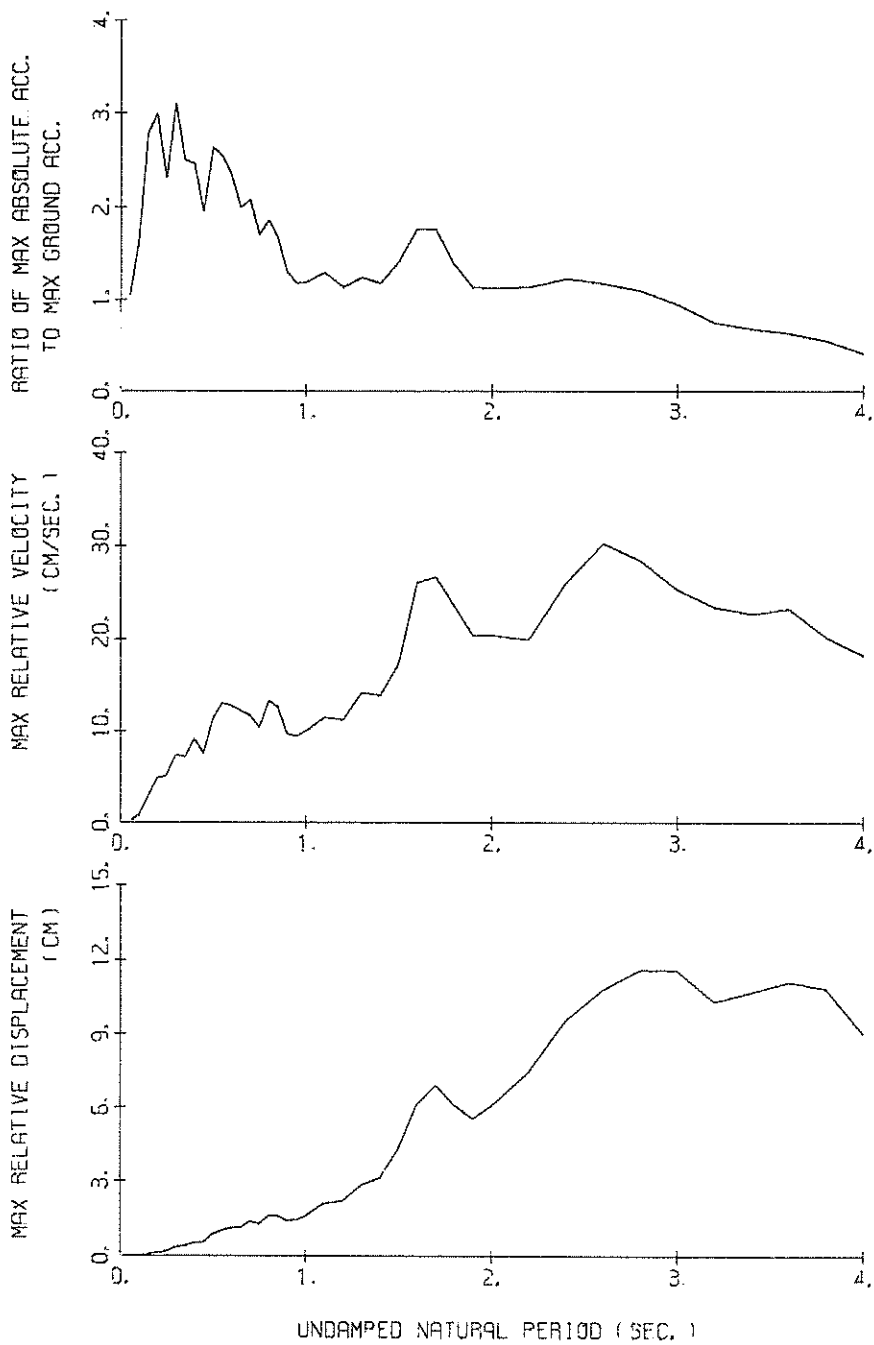


S-1063 DOWN SHIMIZU-KOJYO-S



S-1063 S6E SHIMIZU-KOJYO-S

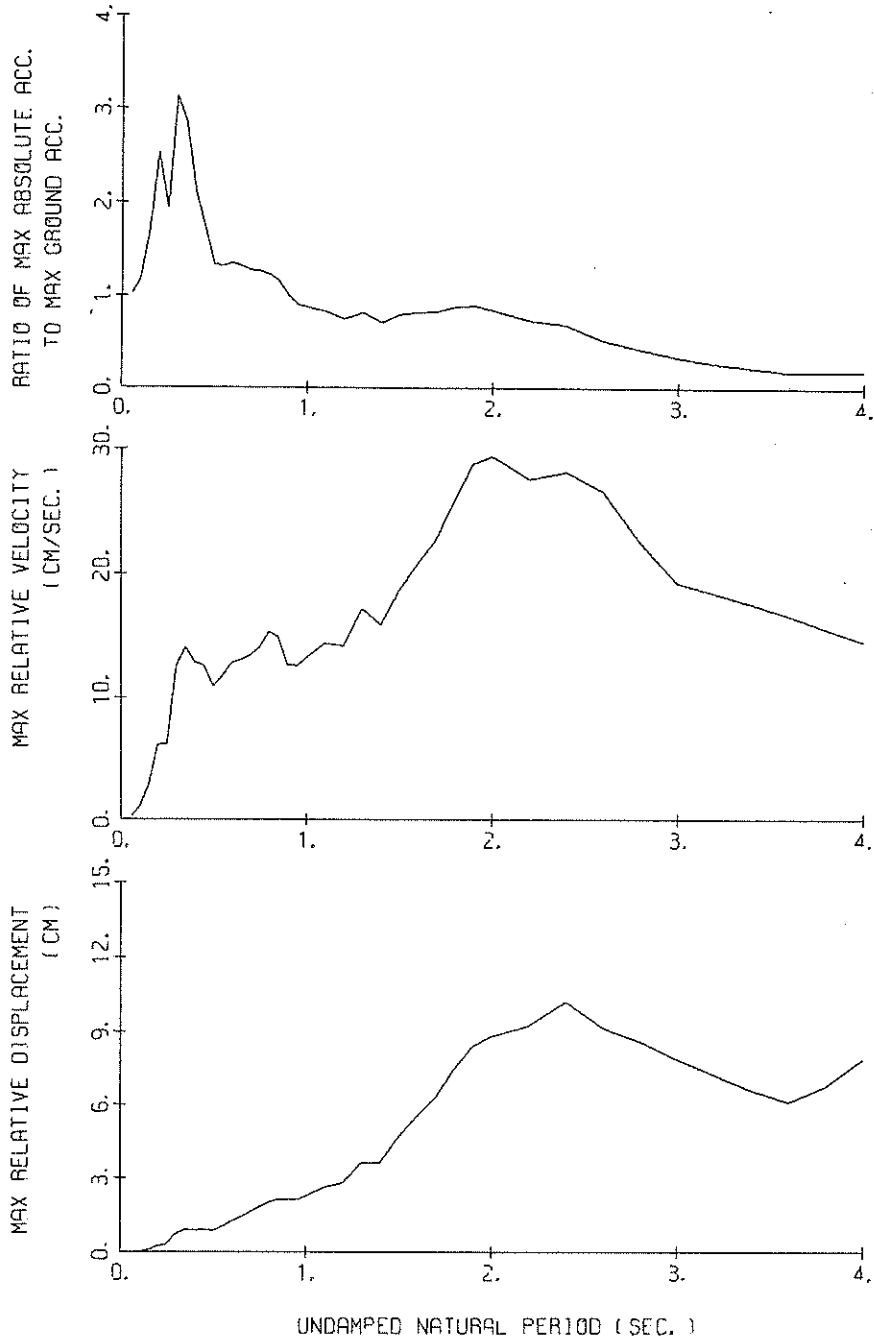
( $1/FC=7.75$  sec.)



RESPONSE SPECTRA (H=0.05)

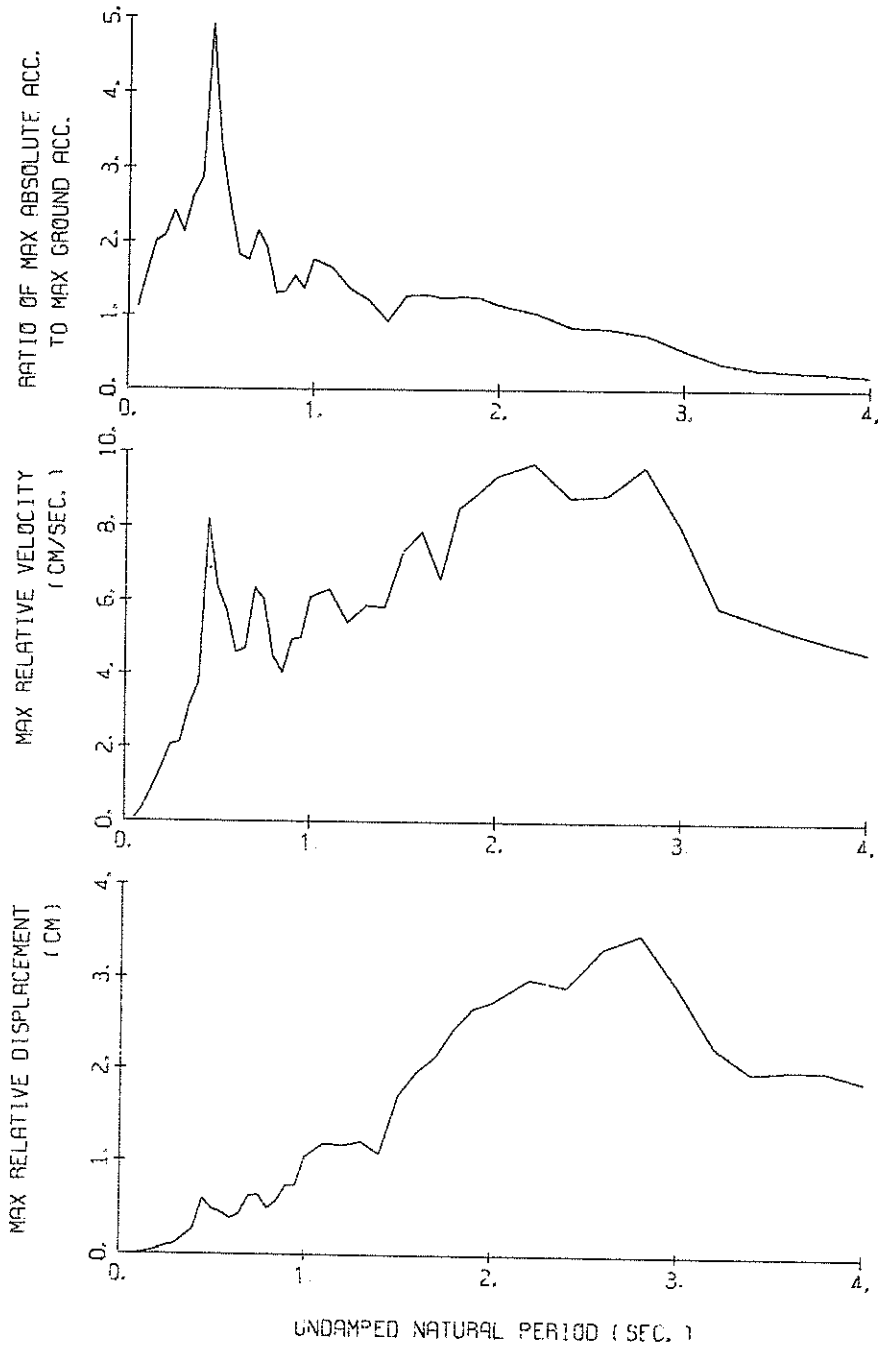
S-1063 E06N SHIMIZU-KOJYO-S

( $1/FC=9.01$  sec.)



RESPONSE SPECTRA (H=0.05)

S-1063 DOWN SHIMIZU-KOJYO-S  
 (1/FC=3.89 sec.)



RESPONSE SPECTRA (H=0.05)



RESPONSE SPECTRUM

RECORD = S-1063      COMPONENT = ED6N      SIGNAL = GR. ACC.      CORRECTION =      STATION = SHIMIZU-KOJYO-S  
 DATE AND TIME = 1978-01-14-12-24      SAMPRING INTERVAL = 0.0100(SEC)      MAX.GROUND ACC. = 102.71 (GAL)  
 TIME LENGTH = 50.00 (SEC)      SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	111.2	0.21	0.007	104.0	0.15	0.007	103.7	0.14	0.007	103.9	0.13	0.007	104.3	0.12	0.007
0.10	182.7	2.46	0.046	135.3	1.39	0.034	130.4	1.02	0.030	109.8	0.74	0.028	107.0	0.55	0.027
0.15	621.4	14.23	0.354	222.7	4.17	0.127	174.0	2.73	0.098	141.9	2.00	0.080	118.8	1.28	0.067
0.20	842.3	26.33	0.853	308.1	8.38	0.312	259.5	6.17	0.261	202.5	4.46	0.204	150.8	2.68	0.147
0.25	371.1	14.75	0.587	192.5	7.01	0.304	199.2	6.25	0.315	201.1	4.96	0.315	170.8	4.02	0.256
0.30	472.1	20.58	1.076	379.1	15.66	0.864	321.3	12.60	0.727	258.8	9.32	0.582	182.0	5.57	0.388
0.35	686.6	37.71	2.130	330.4	18.25	1.052	293.0	14.11	0.906	244.9	10.64	0.747	175.8	6.57	0.501
0.40	317.0	19.96	1.285	245.5	15.50	0.994	216.4	12.91	0.873	197.2	10.27	0.784	158.5	6.89	0.583
0.45	431.0	30.91	2.211	199.1	14.92	1.022	178.1	12.58	0.908	163.9	10.53	0.825	141.4	7.04	0.654
0.50	229.6	17.27	1.454	137.3	10.99	0.868	136.0	10.93	0.858	137.1	10.15	0.853	127.9	7.20	0.727
0.55	335.6	28.63	2.572	139.1	12.63	1.066	135.4	11.84	1.034	130.2	10.56	0.980	118.5	7.49	0.815
0.60	229.9	21.49	2.097	144.8	13.96	1.319	139.0	12.91	1.262	128.4	11.09	1.151	111.4	7.97	0.911
0.65	152.0	14.79	1.626	139.7	14.18	1.495	134.6	13.16	1.631	124.1	11.25	1.308	104.9	8.46	1.011
0.70	287.3	31.41	3.566	137.4	14.77	1.704	130.9	13.82	1.617	119.8	11.40	1.460	98.9	8.95	1.104
0.75	275.0	31.64	3.919	138.2	15.99	1.966	129.3	14.15	1.833	115.4	11.80	1.611	93.0	9.31	1.189
0.80	377.9	48.59	6.126	149.0	20.47	2.911	126.1	15.37	2.033	108.2	12.40	1.713	87.2	9.58	1.259
0.85	235.5	31.39	4.310	149.2	18.94	2.729	128.4	14.89	2.156	106.6	12.23	1.724	81.5	9.69	1.315
0.90	206.7	29.55	4.241	119.1	15.27	2.441	103.7	12.68	2.120	86.7	11.54	1.743	75.9	9.69	1.360
0.95	159.1	23.03	3.637	102.3	16.12	2.335	92.9	12.58	2.117	80.2	10.99	1.812	71.0	9.65	1.402
1.00	390.1	61.56	9.882	132.5	20.77	3.351	90.5	13.28	2.283	77.4	11.67	1.932	66.5	9.58	1.445
1.10	217.3	37.49	6.661	94.1	15.51	2.880	85.8	14.42	2.619	73.0	12.67	2.202	59.3	9.46	1.538
1.20	148.2	28.12	5.405	89.2	16.86	3.248	77.3	14.18	3.006	67.8	12.92	2.621	53.6	9.75	1.646
1.30	210.9	42.95	9.029	117.6	24.17	5.029	84.9	17.33	3.618	62.8	13.00	3.067	49.4	10.36	1.774
1.40	181.9	41.22	9.030	106.5	23.66	5.282	73.4	15.90	3.625	62.7	13.12	3.810	48.6	10.37	2.058
1.50	241.1	58.88	13.783	113.9	28.72	6.481	82.7	18.68	4.680	68.8	14.17	4.574	48.5	10.44	2.387
1.60	107.5	27.96	8.973	95.7	24.07	6.197	85.8	20.87	5.531	70.0	16.01	4.077	48.5	11.47	2.752
1.70	131.5	37.57	9.624	96.1	26.22	7.032	86.4	22.82	6.310	70.0	18.79	4.577	46.2	13.27	3.095
1.80	122.5	34.36	10.057	103.4	28.81	8.478	91.5	25.87	7.475	73.7	21.89	5.941	46.2	14.75	3.426
1.90	129.2	39.04	11.818	106.1	32.19	9.688	92.9	28.85	8.431	74.4	23.97	6.606	46.7	15.86	3.778
2.00	199.0	63.23	20.163	99.3	32.35	10.045	87.6	29.44	8.826	70.8	24.80	6.960	45.8	16.52	4.121
2.20	225.5	78.72	27.641	99.7	38.31	12.206	75.9	27.62	9.258	59.9	23.82	7.212	42.8	16.71	4.645
2.40	111.8	44.71	16.317	87.8	35.08	12.785	70.5	28.21	10.224	51.7	22.71	7.368	40.1	15.75	4.963
2.60	126.8	51.82	21.705	64.4	30.50	11.013	53.6	26.60	8.141	43.2	22.47	7.546	36.2	14.59	5.137
2.80	112.9	48.21	22.417	55.2	23.85	10.942	45.5	22.57	8.588	38.1	20.24	7.418	31.9	13.52	5.189
3.00	61.4	31.15	13.990	38.5	20.45	8.757	35.1	19.27	7.879	32.2	17.49	7.070	27.8	13.91	5.176
3.20	40.7	23.11	10.567	32.2	18.30	8.330	28.3	18.44	7.221	26.9	16.72	6.624	24.1	13.07	5.124
3.40	49.7	28.97	14.551	26.5	18.27	7.740	23.0	17.58	6.569	22.5	16.21	6.148	21.0	12.56	5.017
3.60	22.1	17.76	7.248	20.8	17.19	6.818	18.7	16.63	6.076	18.8	15.57	5.665	18.4	12.57	4.880
3.80	22.5	16.31	8.228	20.1	15.97	7.332	18.6	15.61	6.748	15.7	14.85	5.928	16.3	12.49	4.735
4.00	23.9	16.71	9.685	22.3	15.50	9.023	19.6	14.59	7.867	15.0	14.14	5.864	14.6	12.35	4.601

PER = PERIOD (SEC)      AA = ABSOLUTE ACC. (GAL)      RV = RELATIVE VELOCITY (CM/SEC)      RD = RELATIVE DISPLACEMENT (CM)

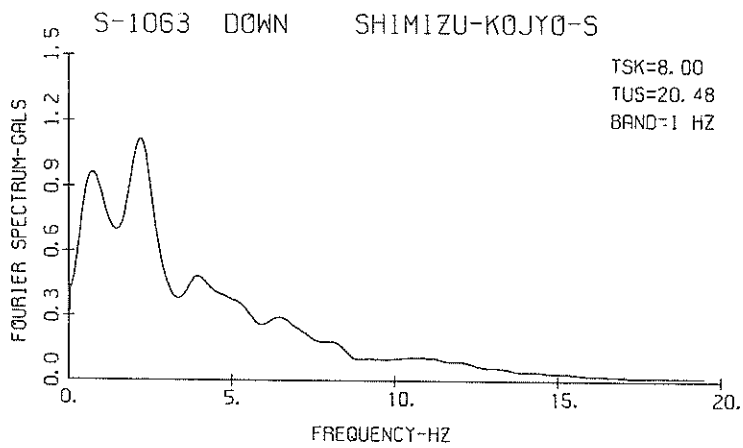
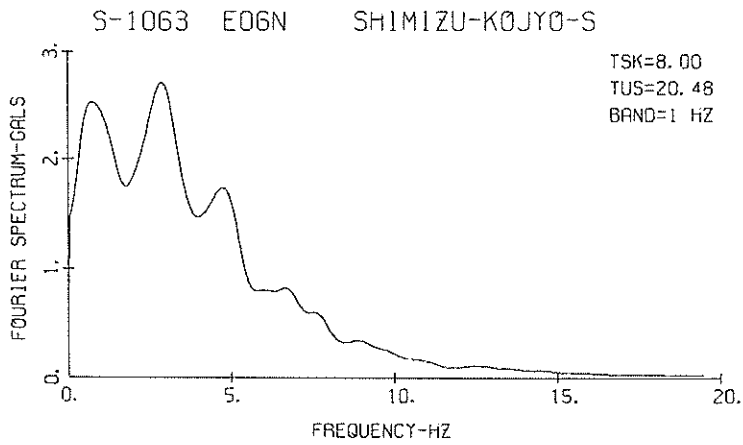
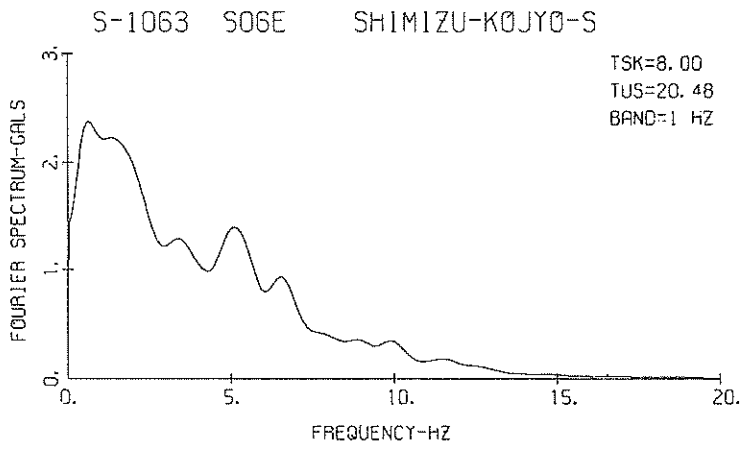
RESPONSE SPECTRUM

RECORD = S-1063 COMPONENT = DOAN SIGNAL = GR. ACC. CORRECTION = STATION = SHIMIZU-KOJIYO-S  
 DATE AND TIME = 1978-01-14-12-24 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 23.88 (GAL)  
 TIME LENGTH = 50.00 (SEC) SKIPPING LENGTH = 0.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	35.6	0.15	0.002	26.1	0.06	0.002	25.6	0.04	0.002	25.2	0.05	0.002	24.8	0.05	0.002
0.10	141.5	2.21	0.036	41.0	0.43	0.010	36.2	0.36	0.009	29.2	0.26	0.007	25.7	0.18	0.006
0.15	274.9	6.57	0.157	64.8	1.32	0.037	47.9	0.88	0.027	37.3	0.68	0.021	29.5	0.46	0.016
0.20	205.7	6.50	0.208	56.8	1.60	0.058	50.2	1.42	0.051	40.1	1.09	0.040	27.7	0.64	0.026
0.25	170.0	6.40	0.269	81.1	2.80	0.159	57.6	2.06	0.091	39.9	1.39	0.062	27.0	0.81	0.041
0.30	95.7	4.33	0.218	64.9	2.81	0.148	60.2	2.13	0.113	36.4	1.50	0.082	29.4	1.08	0.063
0.35	152.1	8.29	0.472	81.9	4.04	0.254	62.2	3.12	0.192	48.2	2.41	0.147	33.4	1.47	0.098
0.40	97.6	6.11	0.396	76.7	4.35	0.310	67.3	3.79	0.271	57.1	3.16	0.227	35.6	1.97	0.130
0.45	492.0	35.11	2.524	168.9	11.94	0.867	115.8	8.17	0.591	70.6	5.05	0.356	36.7	2.32	0.170
0.50	128.7	10.15	0.815	90.0	7.20	0.568	76.9	6.35	0.485	56.5	4.84	0.350	35.1	2.51	0.198
0.55	185.9	15.98	1.425	70.2	6.71	0.537	58.7	5.72	0.447	47.3	4.51	0.355	32.3	2.62	0.216
0.60	96.8	9.03	0.883	45.2	4.83	0.412	42.9	4.59	0.389	39.5	4.07	0.351	29.8	2.75	0.238
0.65	56.6	5.71	0.605	40.3	4.90	0.430	41.5	4.72	0.441	36.9	4.15	0.385	28.1	2.93	0.261
0.70	110.9	13.13	1.377	66.0	8.08	0.819	50.1	6.34	0.618	36.4	4.82	0.442	26.5	3.03	0.285
0.75	96.1	11.23	1.369	55.8	7.60	0.794	45.7	6.19	0.648	35.0	4.75	0.487	24.8	3.11	0.303
0.80	118.6	14.58	1.923	49.5	5.90	0.801	34.3	4.69	0.553	29.2	4.21	0.462	22.8	3.26	0.315
0.85	76.5	9.30	1.400	39.1	5.47	0.714	30.9	4.34	0.563	25.9	4.02	0.461	20.9	3.38	0.324
0.90	80.8	11.18	1.658	48.6	6.71	0.996	36.2	4.95	0.738	25.4	4.31	0.509	19.1	3.47	0.344
0.95	63.5	9.78	1.452	38.2	6.03	0.871	32.0	5.10	0.727	25.8	4.37	0.580	18.6	3.54	0.377
1.00	123.1	19.41	3.119	55.6	8.20	1.407	41.7	6.10	1.052	29.1	4.20	0.724	18.2	3.60	0.410
1.10	108.8	18.62	3.335	53.1	8.98	1.625	38.6	6.28	1.178	25.7	4.38	0.771	17.9	3.71	0.486
1.20	102.9	19.28	3.755	43.4	7.72	1.580	31.9	5.39	1.158	23.1	4.65	0.830	18.0	3.80	0.578
1.30	73.1	14.99	3.131	38.8	7.90	1.559	28.5	5.85	1.213	21.6	4.92	0.907	18.3	3.85	0.685
1.40	51.0	12.02	2.532	28.1	7.16	1.393	23.6	6.15	1.163	20.9	5.24	1.013	18.6	3.82	0.800
1.50	51.5	11.81	2.934	37.7	9.26	2.144	29.8	7.26	1.690	22.0	5.34	1.235	18.7	3.49	0.916
1.60	71.1	17.98	4.608	41.0	10.43	2.653	30.4	7.82	1.957	24.1	5.50	1.522	18.6	3.44	1.022
1.70	34.4	9.27	2.521	32.0	7.89	2.338	29.2	6.75	2.120	24.6	5.13	1.746	18.1	3.90	1.104
1.80	75.0	22.07	6.155	41.7	11.96	3.417	29.6	8.41	2.415	23.7	6.16	1.873	17.3	4.42	1.154
1.90	78.4	23.47	7.170	36.9	11.06	3.369	28.5	8.71	2.524	21.9	7.00	1.920	16.2	4.86	1.167
2.00	54.3	17.24	5.506	33.0	11.73	3.338	26.4	8.83	2.659	19.3	7.51	1.881	14.8	5.20	1.146
2.20	60.8	22.45	7.460	33.7	12.99	4.127	23.5	9.30	2.861	16.3	7.96	1.961	12.2	5.58	1.222
2.40	34.5	14.99	5.037	24.9	10.97	3.636	19.8	9.00	2.880	14.5	7.66	2.037	11.0	5.58	1.298
2.60	46.7	20.48	8.333	25.4	11.18	4.343	18.1	8.26	3.072	12.3	6.48	2.044	9.6	5.31	1.329
2.80	28.2	14.22	5.603	20.4	10.88	4.046	15.7	8.74	3.099	10.9	6.36	2.093	8.2	4.92	1.376
3.00	17.9	8.84	4.092	13.7	7.85	3.121	11.3	7.18	2.561	8.6	6.05	1.894	7.0	4.52	1.310
3.20	9.4	7.06	2.430	8.2	6.40	2.126	7.6	5.93	1.926	6.0	5.31	1.745	6.0	4.23	1.276
3.40	8.1	5.76	2.381	6.9	5.32	2.012	6.4	5.19	1.845	5.9	4.92	1.644	5.2	4.18	1.231
3.60	7.2	4.57	2.350	5.3	4.17	1.747	5.2	4.37	1.685	5.0	4.46	1.560	4.7	4.11	1.186
3.80	4.3	3.70	1.567	4.1	3.78	1.484	4.1	3.99	1.550	4.3	4.21	1.497	4.4	4.03	1.179
4.00	6.7	4.88	2.710	4.6	4.05	1.858	4.1	4.05	1.657	3.9	4.14	1.475	4.0	3.96	1.165

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)





FOURIER SPECTRA

RECORD NUMBER

S-1066

STATION

SHIMIZU-MIHO-S

EARTHQUAKE DATA

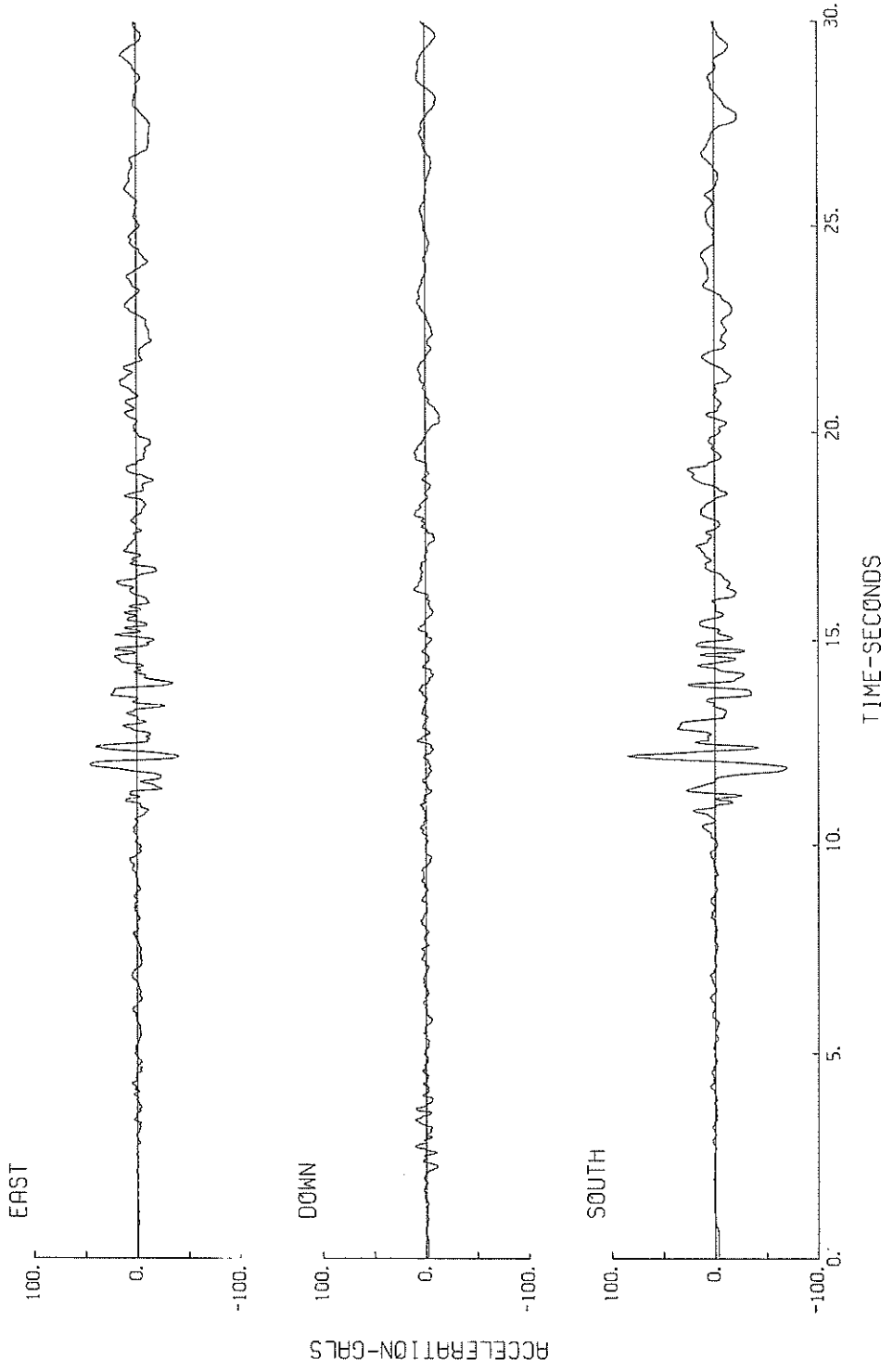
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*****
*
*   DATE AND TIME           12:24 JANUARY 14,1978   *
*
*   LOCATION OF HYPOCENTER
*   EPICENTRAL REGION      NEAR OSHIMA             *
*   LATITUDE                34.8 N                 *
*   LONGITUDE               139.3 E                 *
*   DEPTH                   0 KM                    *
*
*   MAGNITUDE              7.0                      *
*
*****

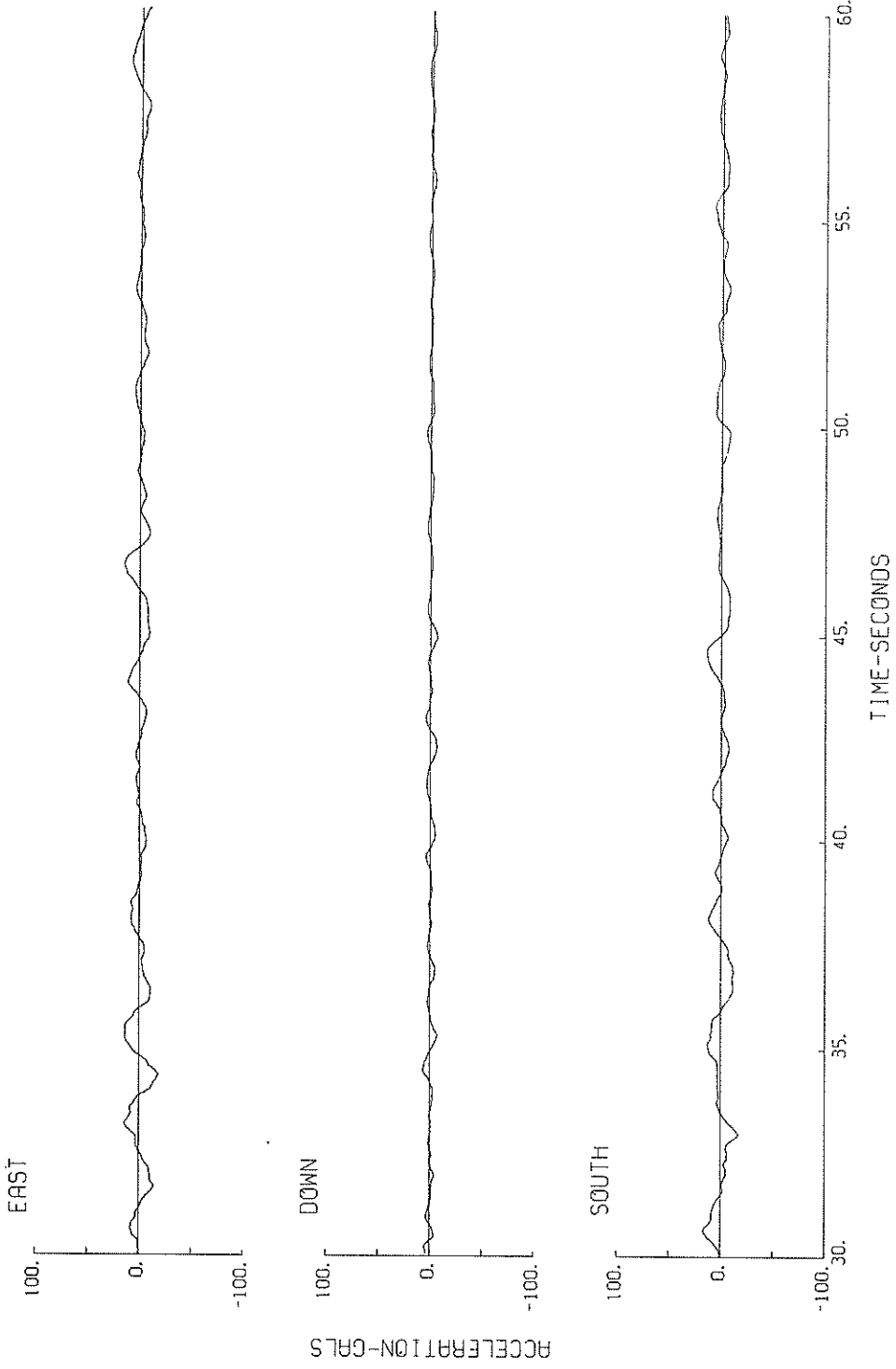
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PARAMETER OF THE VARIABLE FILTER	COMPONENT		
	EAST	SOUTH	DOWN
FC (HZ)	0.160	0.099	0.254
MAXIMUM ACCELERATION (GAL)			
ORIGINAL	45.8	84.9	14.1
SMAC-B2 EQUIVALENT			
CORRECTED	50.8	93.6	16.7
MAXIMUM VELOCITY (CM/SEC.)			
FIXED FILTER	6.42	14.0	4.45
VARIABLE FILTER	5.77	12.6	2.87
MAXIMUM DISPLACEMENT (CM)			
FIXED FILTER	3.19	6.17	1.74
VARIABLE FILTER	2.96	6.56	1.15

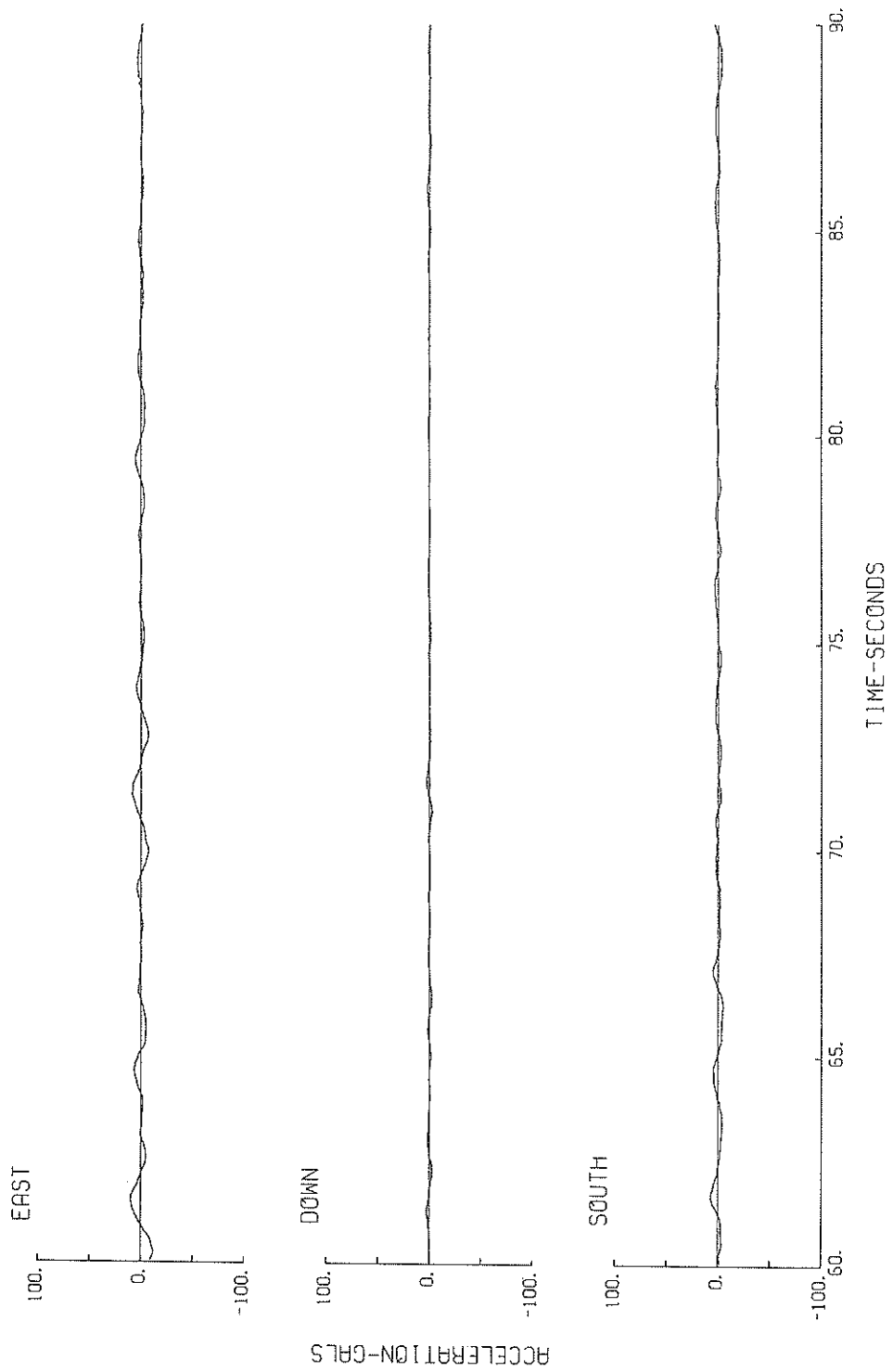
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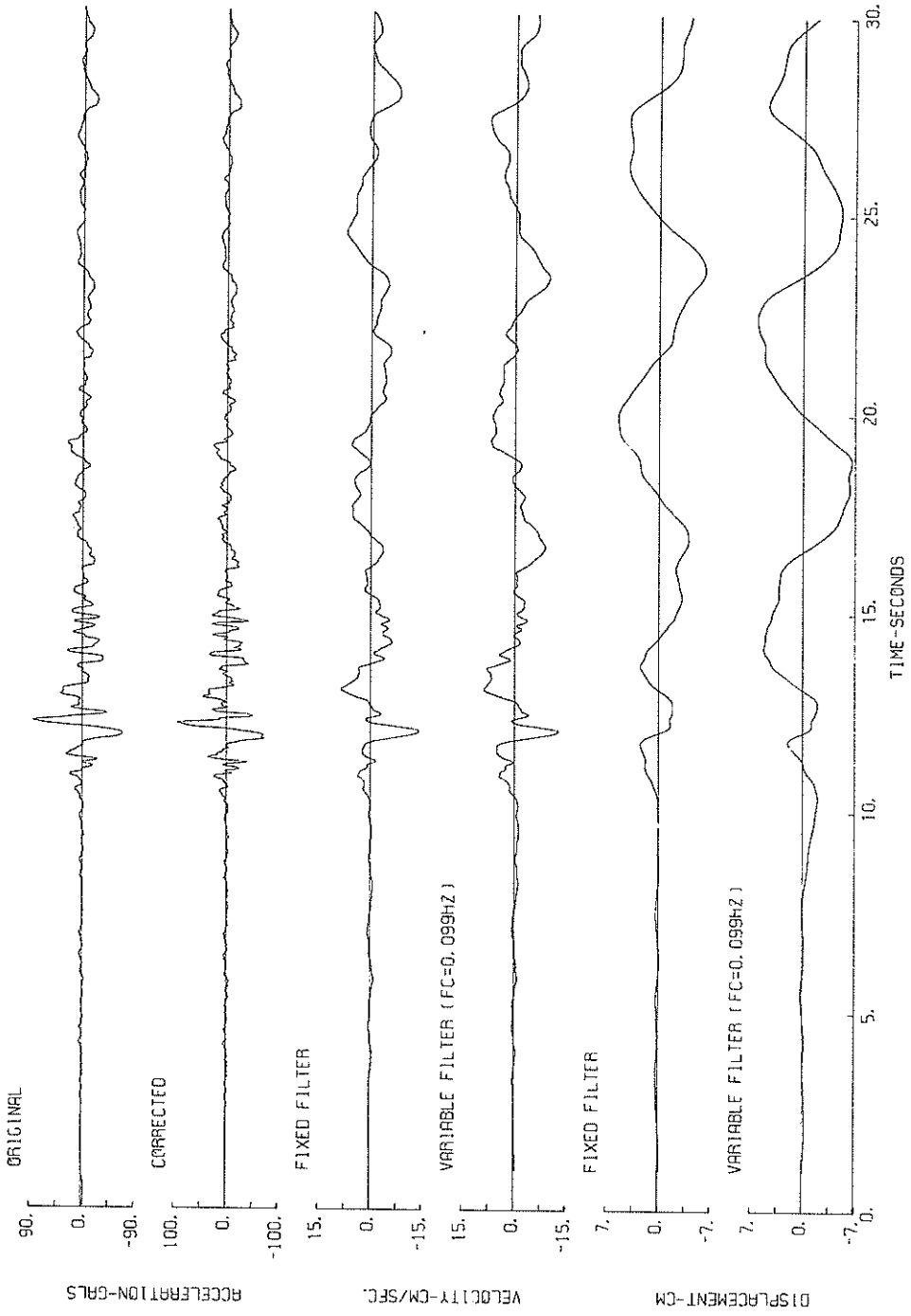
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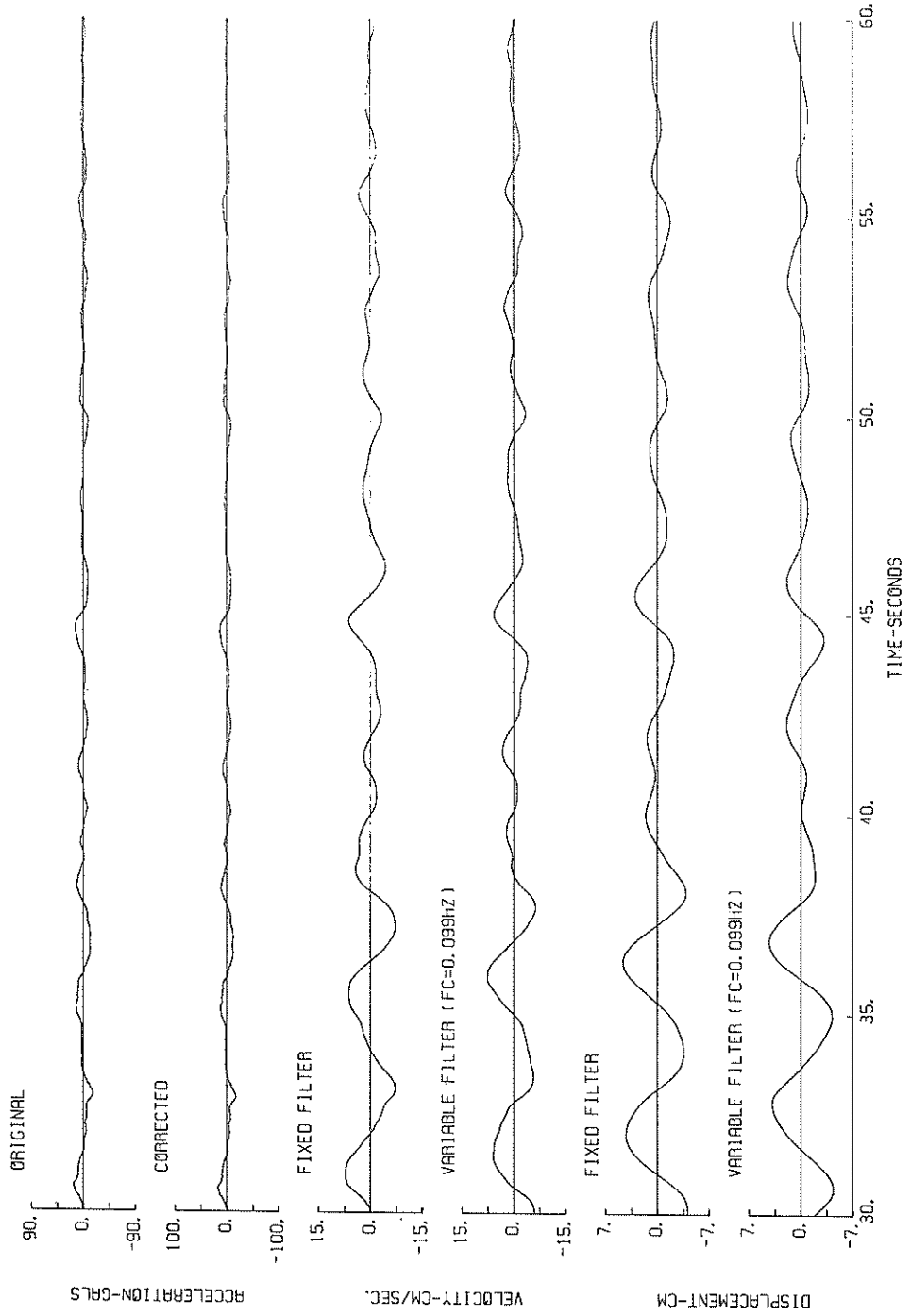
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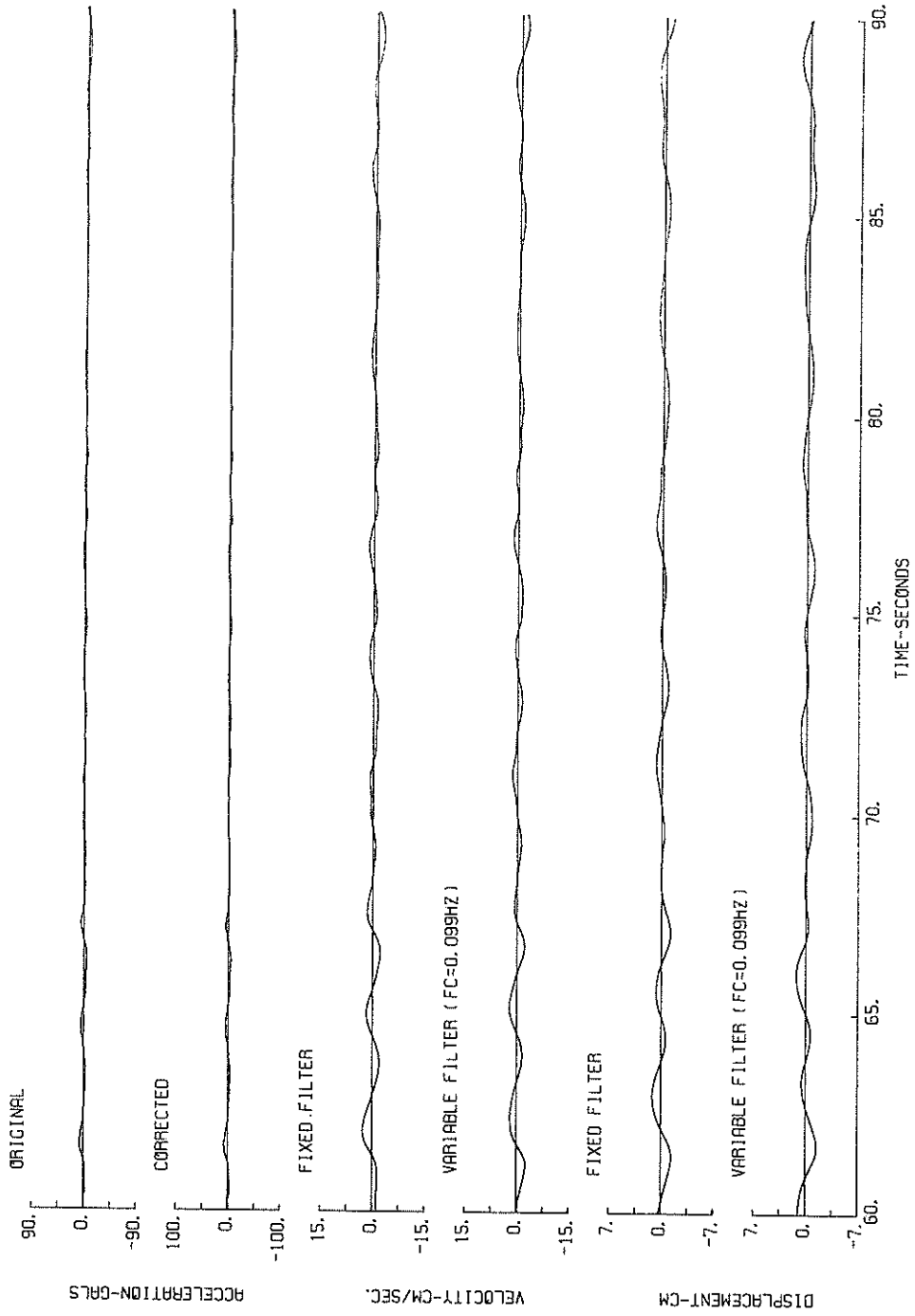
S-1066 SOUTH SHIMIZU-MIHO-S



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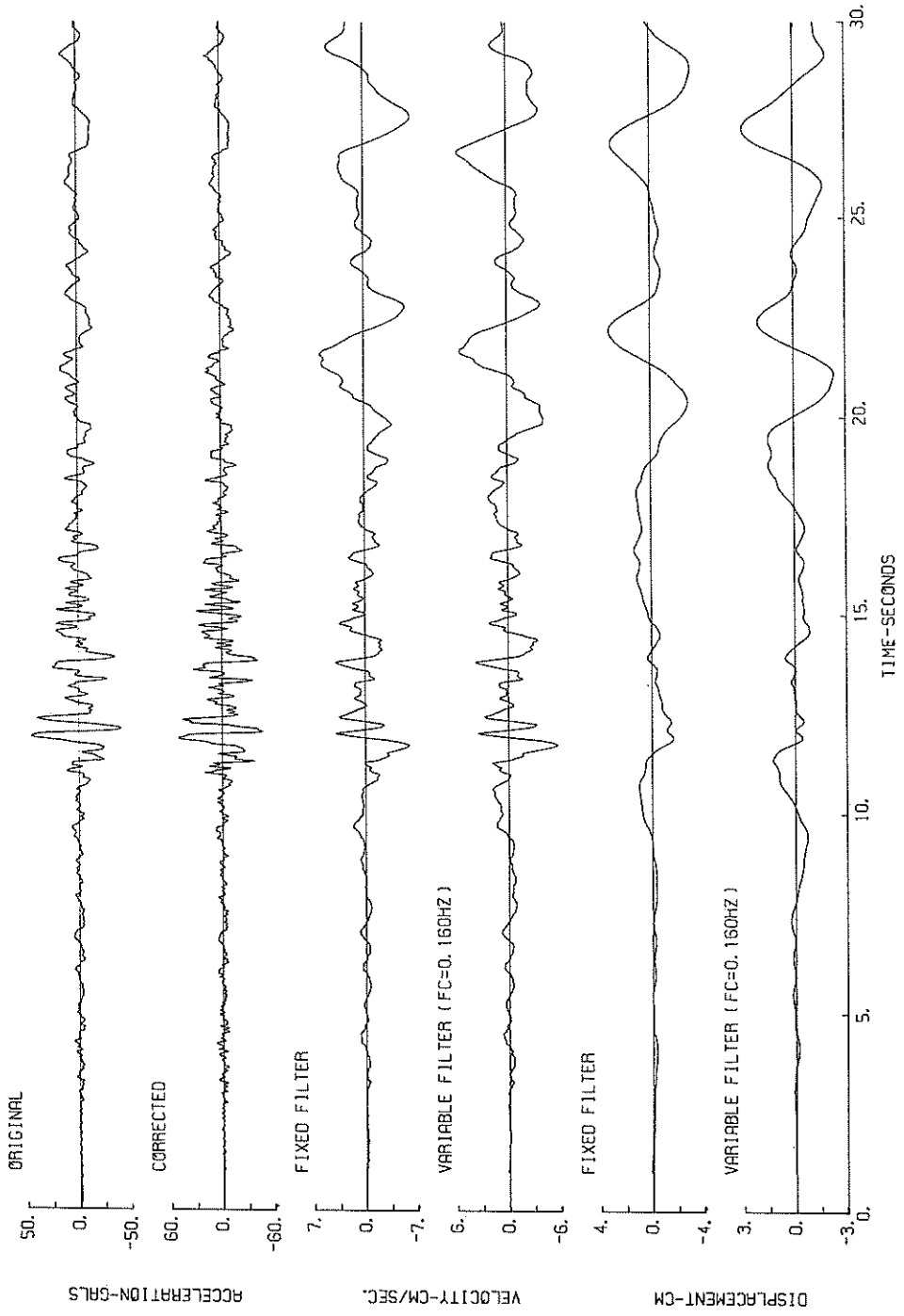


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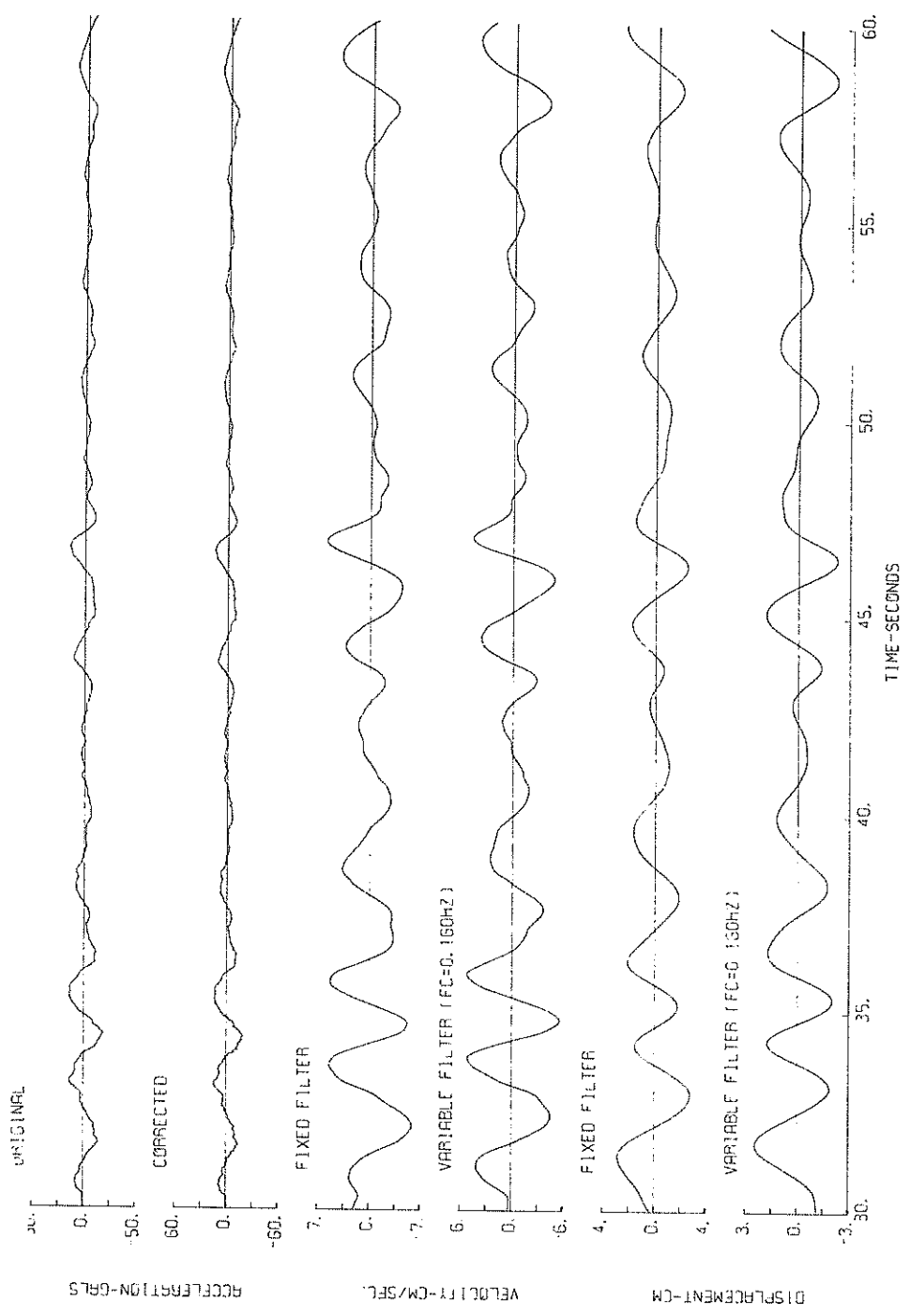




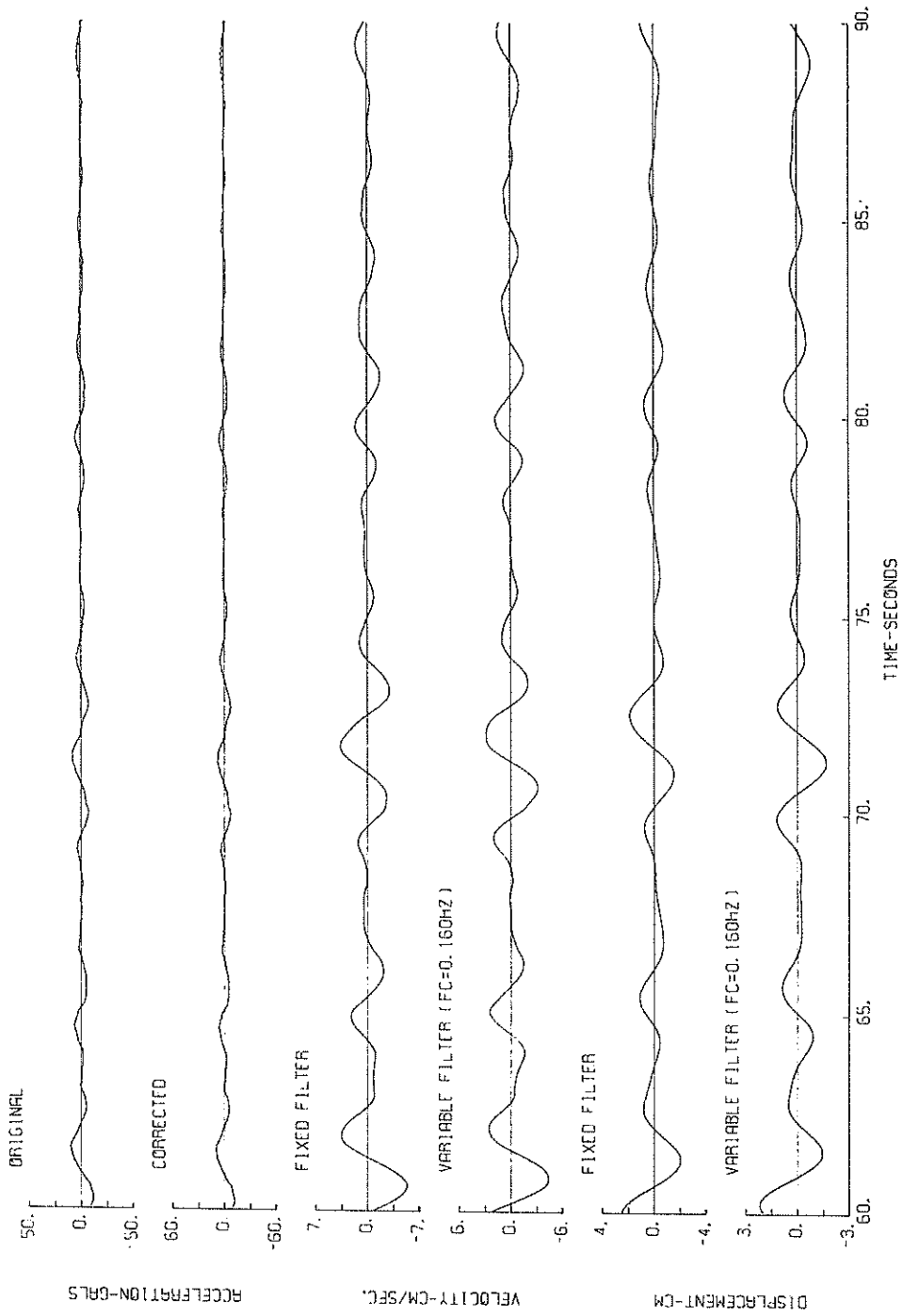
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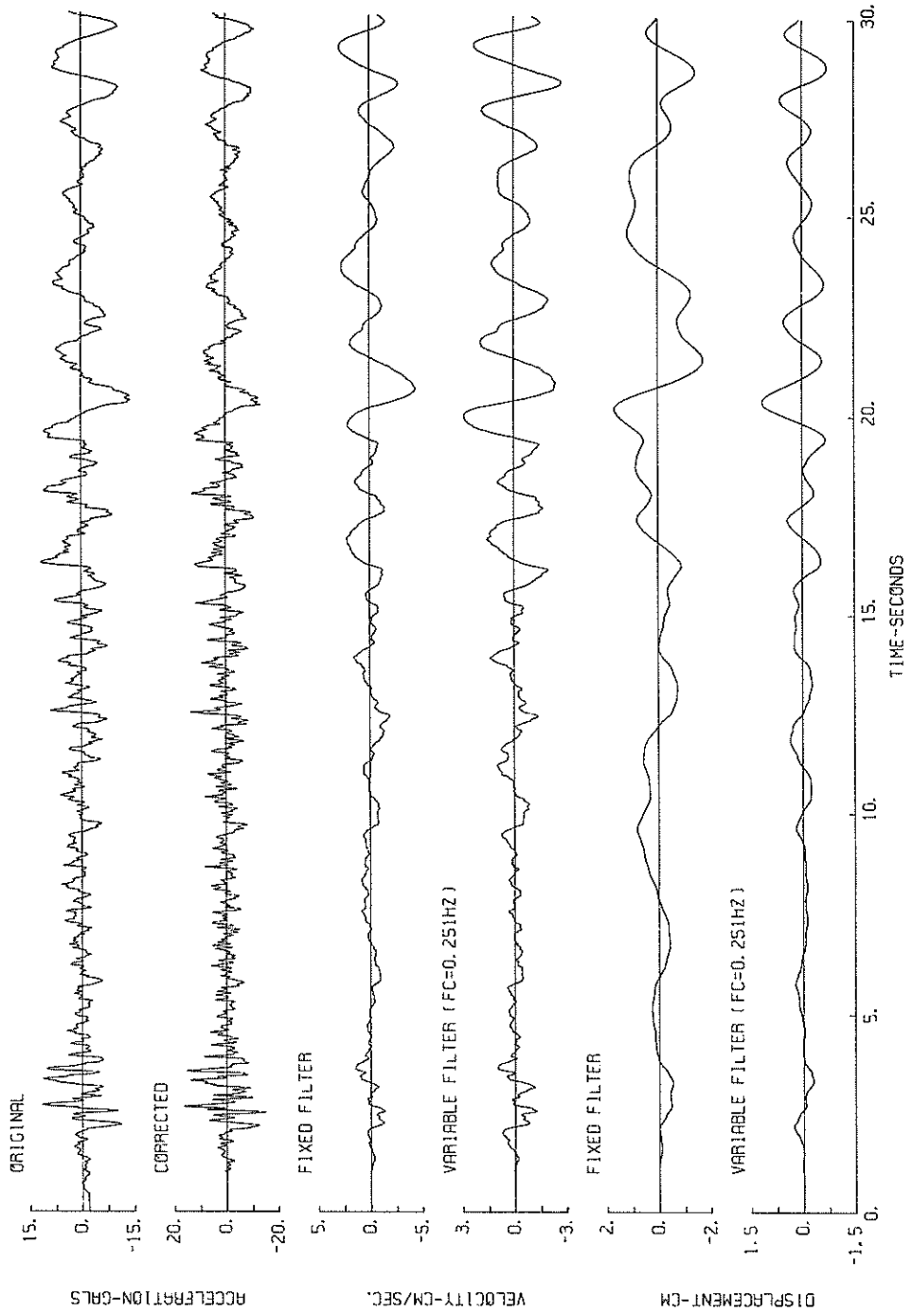
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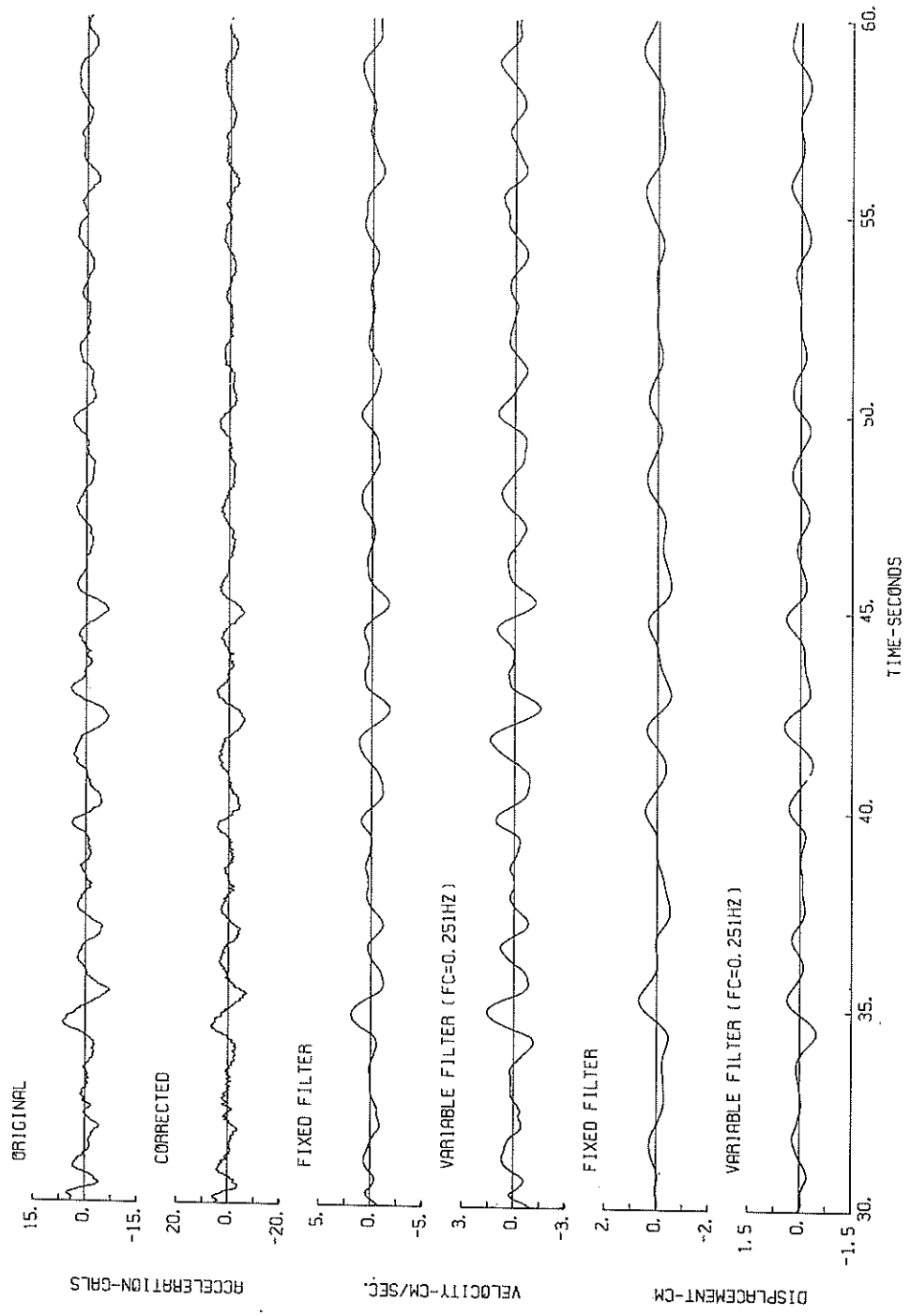
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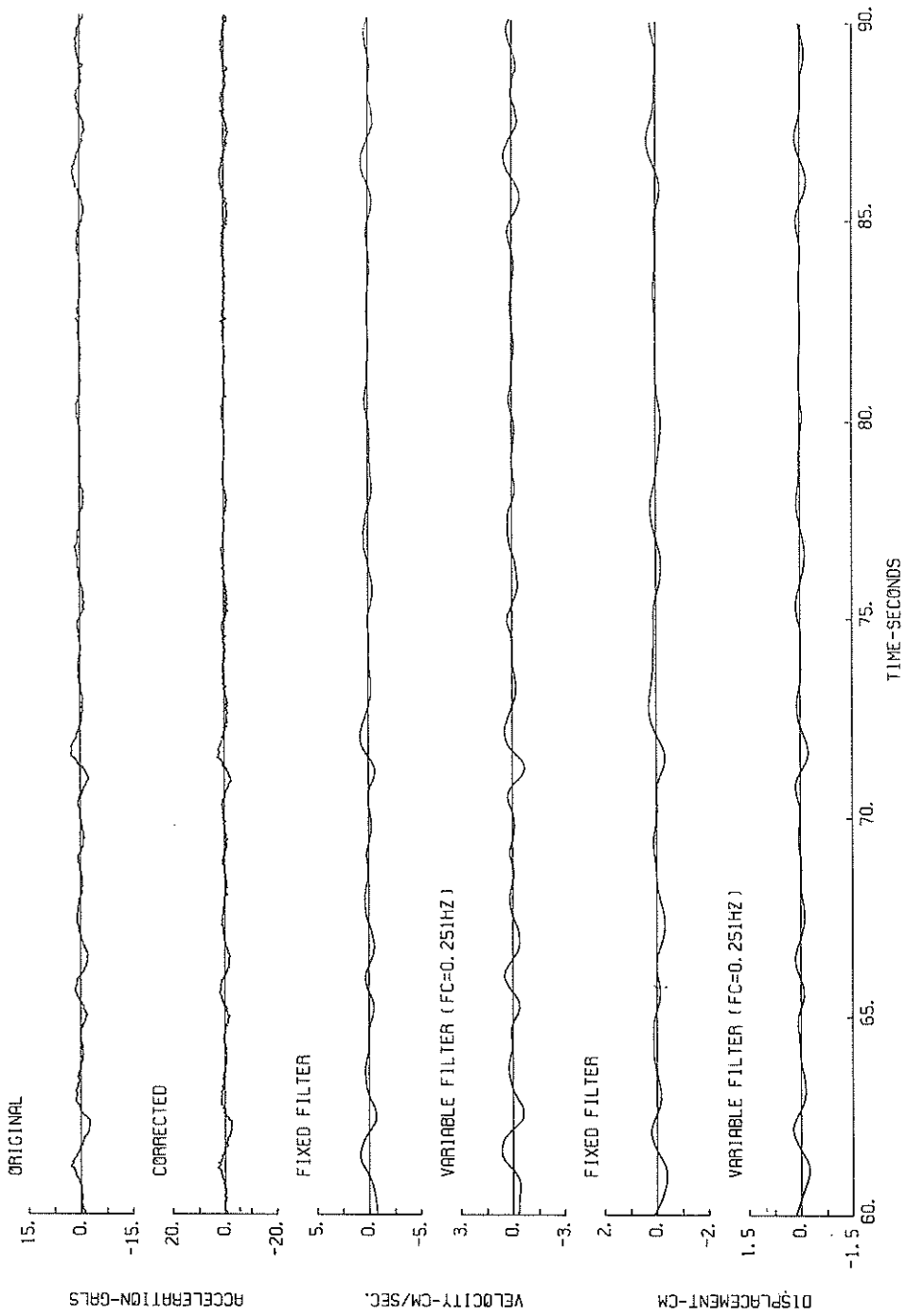
S-1066 DOWN SHIMIZU-MIHO-S



S-1066 DOWN SHIMIZU-MIHO-S

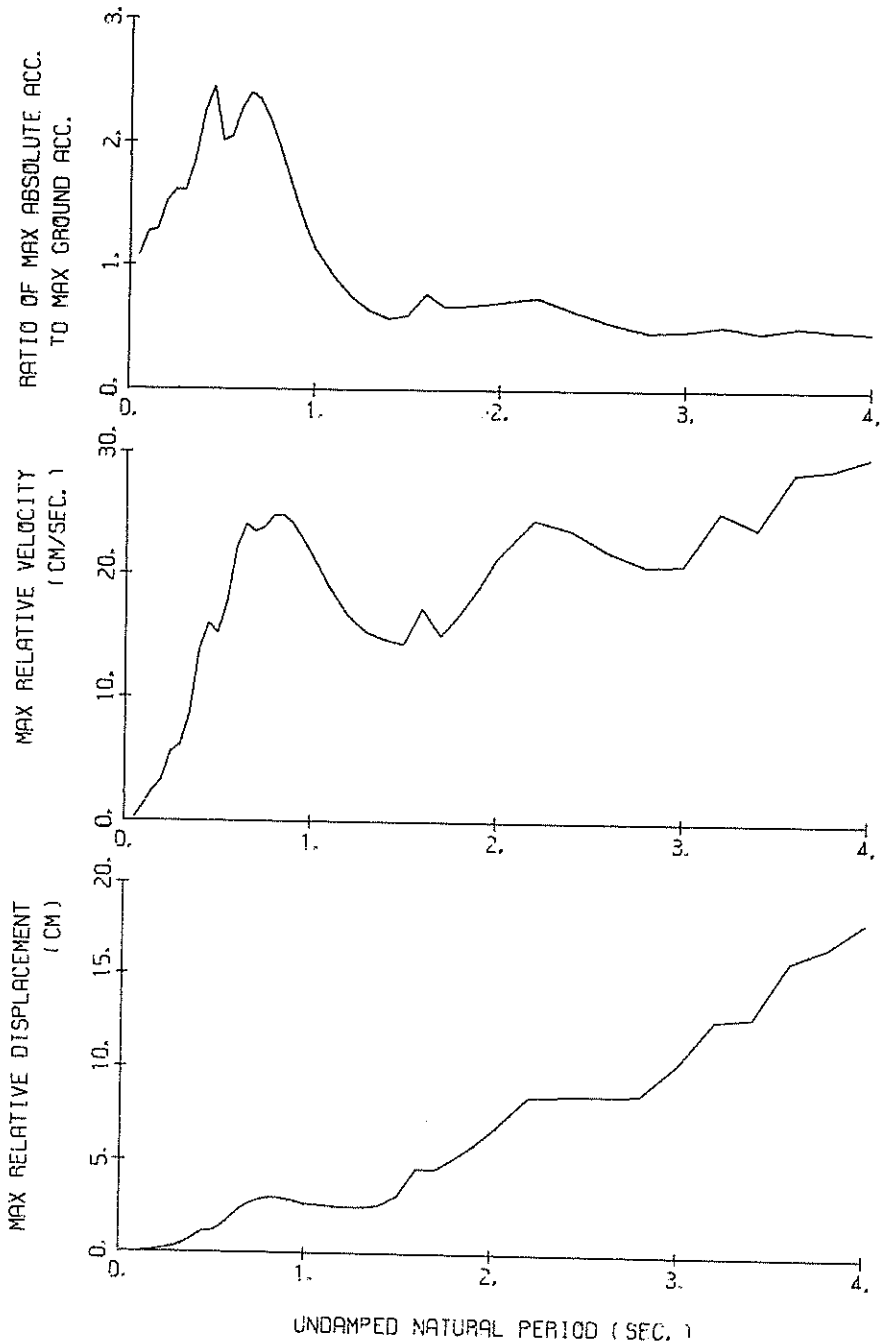


S-1066 DOWN SHIMIZU-MIHO-S



S-1066 SOUTH SHIMIZU-MIH0-S

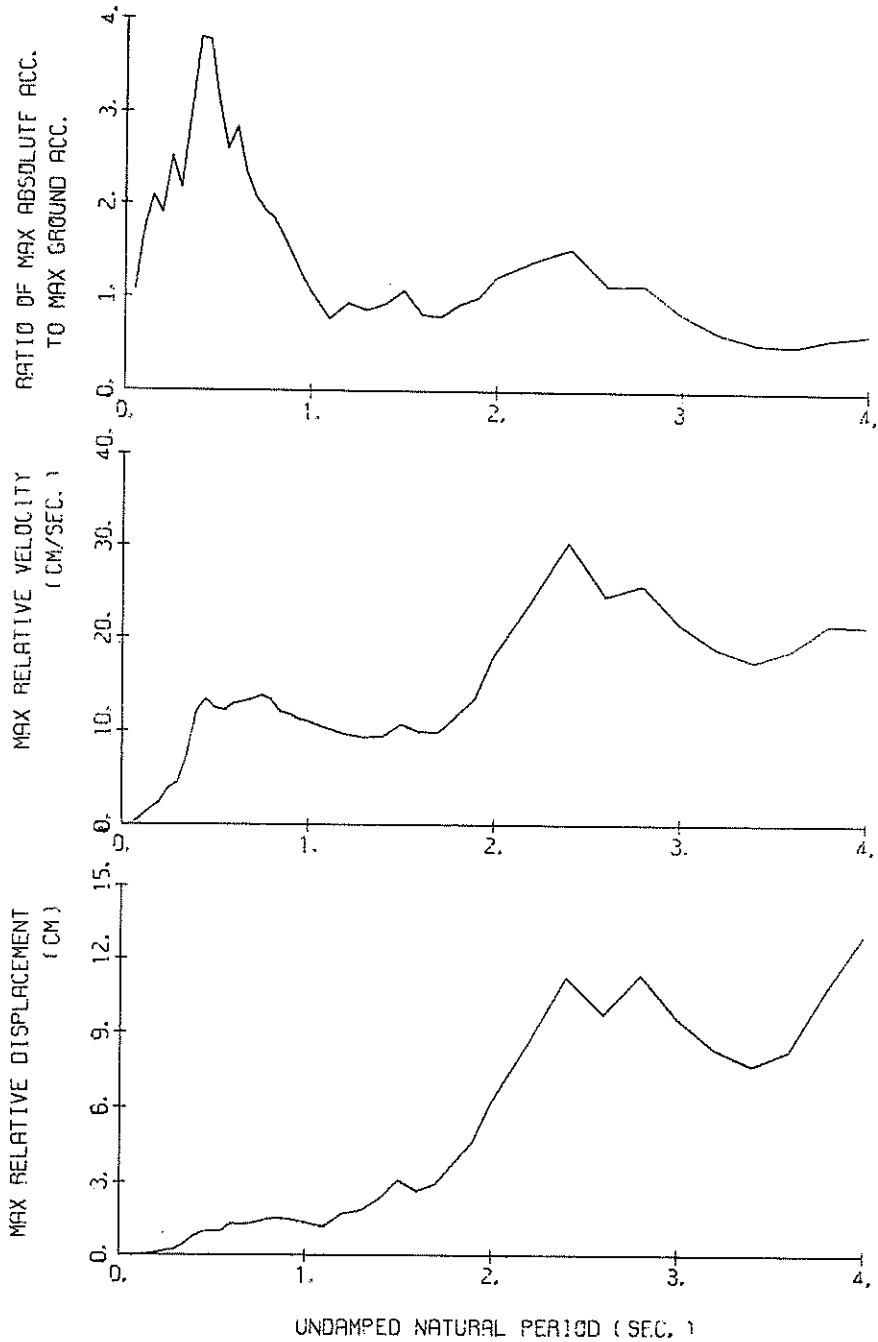
(1/FC=10.1 sec.)



RESPONSE SPECTRA (H=0.05)

S-1066 EAST SHIMIZU-MIHO-S

( $1/FC=6.25$  sec.)

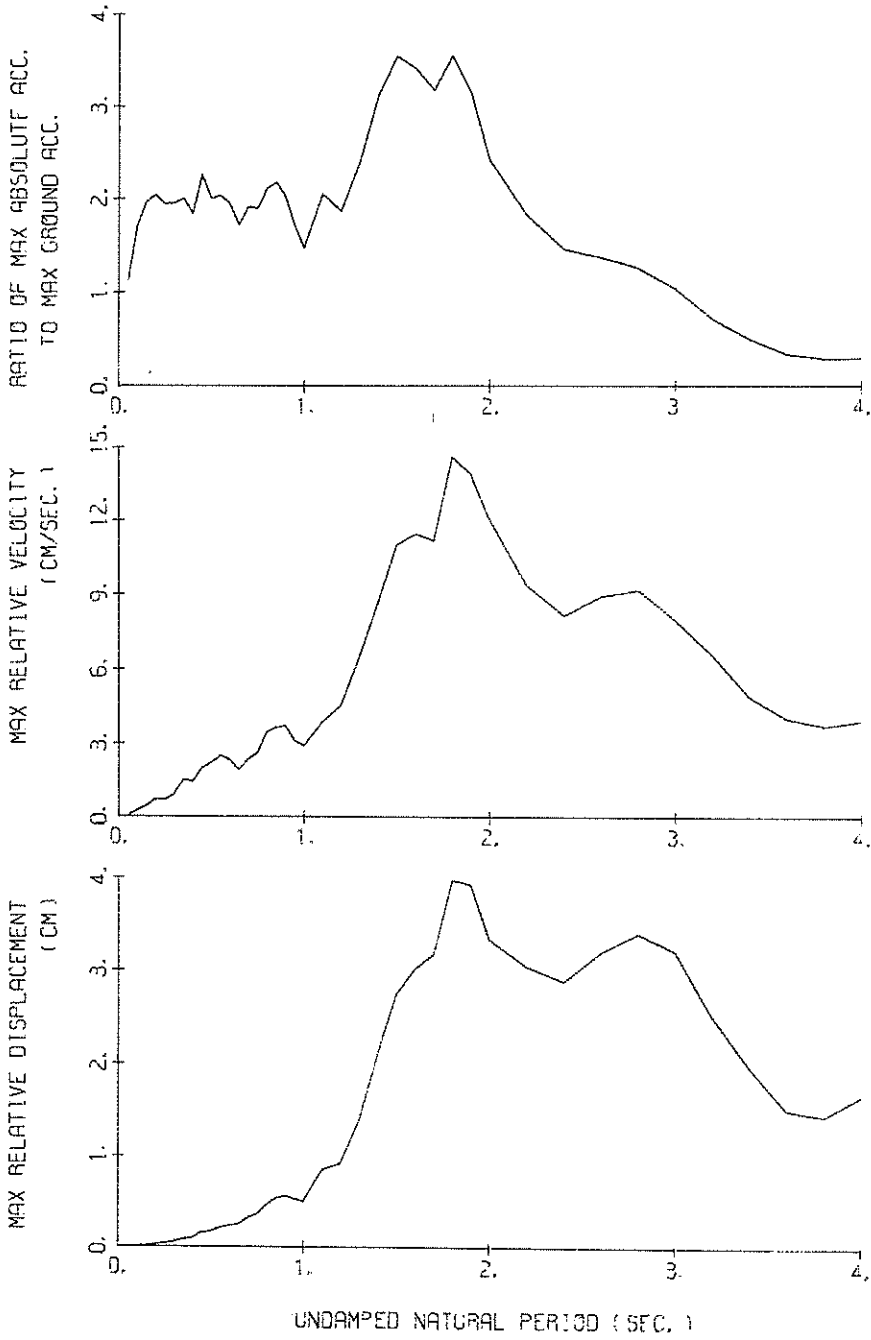


RESPONSE SPECTRA (H=0.05)



S-1066 DOWN SHIMIZU-MIHO-S

(1/FC=3.98 sec.)



RESPONSE SPECTRA (H=0.05)

RESPONSE SPECTRUM

RECORD = S-1066 COMPONENT = SOUTH SIGNAL = GR. ACC. CORRECTION = STATION = SHIMIZU-MIHO-S  
 DATE AND TIME = 1978-01-14-12-24 SAMPRING INTERVAL = 0.0100(SEC) MAX. GROUND ACC. = 93.56 (GAL)  
 TIME LENGTH = 40.00 (SEC) SKIPPED LENGTH = 1.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	107.5	0.15	0.007	100.9	0.12	0.006	99.5	0.13	0.004	98.3	0.13	0.006	96.5	0.12	0.004					
0.10	193.3	2.77	0.049	127.5	1.30	0.032	120.8	1.20	0.030	103.5	0.95	0.025	96.1	0.59	0.024					
0.15	262.5	5.80	0.150	150.3	2.91	0.086	148.7	2.45	0.068	102.2	1.85	0.059	98.9	1.13	0.055					
0.20	223.1	6.81	0.226	164.8	3.71	0.167	162.2	3.32	0.144	121.4	2.77	0.122	108.0	1.74	0.108					
0.25	345.5	13.20	0.547	194.7	7.18	0.309	191.2	5.60	0.239	135.0	4.09	0.209	117.2	2.62	0.180					
0.30	252.4	11.77	0.575	181.3	7.09	0.413	151.5	6.18	0.344	124.8	5.16	0.282	121.6	3.49	0.266					
0.35	448.5	24.43	1.392	234.9	12.18	0.729	174.1	8.59	0.538	143.7	7.35	0.442	131.6	4.73	0.385					
0.40	343.6	21.30	1.393	258.8	15.96	1.050	210.5	13.71	0.851	174.7	10.65	0.699	141.8	6.60	0.534					
0.45	600.2	42.01	3.079	292.8	21.24	1.500	228.6	15.87	1.168	182.3	12.63	0.917	145.7	8.25	0.682					
0.50	222.4	17.20	1.408	199.4	15.81	1.258	189.0	15.22	1.190	166.8	13.77	1.036	145.1	9.55	0.827					
0.55	264.5	22.25	2.027	207.0	18.18	1.582	190.2	17.52	1.449	171.6	15.70	1.290	143.8	10.58	0.984					
0.60	345.7	32.97	3.152	248.0	25.10	2.261	215.2	22.34	1.953	186.6	18.27	1.671	141.4	11.28	1.148					
0.65	395.9	40.47	4.237	262.3	27.33	2.807	225.1	24.07	2.397	190.9	19.32	2.003	136.7	12.11	1.299					
0.70	327.1	37.27	4.060	284.0	27.94	3.149	214.8	23.19	2.675	185.1	19.02	2.244	130.1	13.52	1.418					
0.75	496.7	57.91	7.077	241.4	28.74	3.433	204.7	23.76	2.900	175.4	20.67	2.408	122.0	14.60	1.499					
0.80	290.4	35.83	4.708	208.7	26.83	3.381	187.0	25.87	3.012	157.7	21.61	2.488	112.2	15.29	1.537					
0.85	318.8	42.90	5.835	185.0	26.98	3.381	167.0	25.10	3.039	139.9	21.87	2.493	101.3	15.69	1.581					
0.90	196.8	30.41	4.038	164.5	26.96	3.371	145.6	24.65	2.973	121.0	21.46	2.419	92.1	15.77	1.685					
0.95	245.7	36.21	5.618	133.6	24.40	3.052	121.7	22.98	2.770	105.4	20.49	2.347	87.8	15.62	1.773					
1.00	131.2	24.49	3.323	115.9	22.80	2.931	104.6	21.45	2.630	96.4	19.35	2.369	83.4	15.33	1.848					
1.10	115.9	20.62	3.552	80.7	18.10	2.470	80.5	18.09	2.441	79.2	17.30	2.342	75.0	14.56	1.968					
1.20	82.2	17.36	2.999	70.4	17.09	2.566	68.1	16.80	2.458	68.0	16.08	2.385	67.9	13.79	2.080					
1.30	130.1	25.00	5.569	66.2	16.84	2.830	62.6	16.20	2.648	61.5	15.29	2.522	62.2	13.16	2.198					
1.40	148.1	33.00	7.352	70.1	15.59	3.176	57.2	14.91	2.808	56.0	14.37	2.657	57.6	12.64	2.322					
1.50	104.9	24.17	5.980	72.6	17.40	4.135	56.4	13.79	3.199	51.0	13.48	2.785	53.7	12.17	2.450					
1.60	222.0	56.37	14.395	108.5	26.81	7.028	71.9	17.32	4.596	48.7	12.75	3.054	50.5	11.69	2.584					
1.70	117.7	29.36	8.618	77.7	18.60	5.678	63.0	14.37	4.596	49.7	12.20	3.523	47.8	11.21	2.729					
1.80	79.7	22.49	6.540	65.1	17.74	5.341	59.5	15.67	4.871	50.1	12.61	4.021	45.6	11.37	2.880					
1.90	92.8	27.16	8.487	71.3	20.41	6.513	63.1	17.95	5.752	51.7	15.29	4.609	43.7	11.77	3.069					
2.00	149.8	46.47	15.176	80.0	24.54	8.091	68.2	21.76	6.878	53.1	17.74	5.284	41.8	12.31	3.431					
2.20	198.6	68.57	24.347	95.1	32.20	11.641	71.1	25.15	8.674	52.0	19.59	6.203	37.9	13.07	3.821					
2.40	101.8	39.42	14.852	72.1	28.45	10.509	57.8	23.06	8.384	44.7	18.00	6.440	34.1	13.74	4.051					
2.60	77.0	30.98	13.182	55.6	25.75	9.505	48.9	21.60	8.353	39.9	17.27	6.454	30.7	14.24	4.189					
2.80	96.8	42.93	19.215	53.4	24.46	10.592	44.6	20.95	8.787	36.1	17.58	6.964	27.7	14.67	4.298					
3.00	79.6	36.87	18.148	44.5	20.78	10.148	37.4	19.07	8.502	30.7	17.00	6.764	25.1	15.02	4.436					
3.20	84.0	30.54	16.588	44.9	20.83	11.630	37.3	18.29	9.618	30.3	17.36	7.688	22.7	15.32	5.190					
3.40	58.4	29.48	17.210	50.7	26.01	14.823	44.1	22.75	12.899	33.5	18.41	9.628	22.5	15.54	6.035					
3.60	89.6	50.92	29.419	61.2	35.66	20.063	48.6	28.47	15.878	35.3	21.46	11.410	23.0	15.69	6.854					
3.80	56.2	35.96	20.557	51.7	32.30	18.892	45.6	28.68	16.583	36.1	22.82	12.956	23.0	15.78	7.578					
4.00	56.9	38.41	23.057	51.1	33.16	20.695	44.7	29.74	18.025	36.3	23.47	14.410	22.7	15.80	8.158					

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

PER	DAMPING = 0.		DAMPING = 0.025		DAMPING = 0.050		DAMPING = 0.100		DAMPING = 0.250			
	AA	RV	AA	RV	AA	RV	AA	RV	AA	RV		
0.05	54.6	0.17	0.003	0.17	0.003	0.16	0.003	0.15	0.003	0.13	0.003	
0.10	256.4	3.99	0.065	1.22	0.025	0.86	0.022	0.69	0.020	0.58	0.017	
0.15	247.5	4.98	0.141	137.8	0.078	105.9	0.061	1.34	0.048	1.02	0.041	
0.20	233.1	7.28	0.236	2.91	0.115	96.7	0.098	1.87	0.088	1.54	0.076	
0.25	239.7	9.49	0.379	4.75	0.227	127.1	0.200	2.57	0.167	2.25	0.123	
0.30	207.6	9.52	0.473	5.90	0.307	110.5	0.252	3.19	0.208	2.91	0.181	
0.35	287.7	13.37	0.887	8.39	0.517	193.0	0.485	4.02	0.389	3.91	0.260	
0.40	395.1	24.73	1.609	14.21	0.912	153.0	0.780	6.02	0.613	5.04	0.354	
0.45	551.1	39.04	2.827	25.69	1.707	1314	13.56	9.94	0.766	93.8	5.81	0.427
0.50	243.0	19.34	1.539	14.72	1.148	156.4	0.985	10.28	0.806	83.8	6.40	0.469
0.55	334.8	29.00	2.565	154.1	1.178	133.5	12.22	10.54	0.827	77.1	6.73	0.516
0.60	256.0	24.38	2.334	17.28	1.721	144.0	12.94	10.79	0.871	70.9	7.02	0.569
0.65	286.0	28.94	3.060	15.92	1.657	118.1	12.84	10.42	0.962	69.2	7.41	0.658
0.70	149.6	16.57	1.856	14.27	1.461	104.2	13.10	11.21	1.020	68.8	7.62	0.744
0.75	197.1	22.50	2.809	108.6	1.562	98.7	13.97	11.59	1.189	67.1	7.65	0.816
0.80	146.2	15.94	1.884	13.41	1.705	97.8	13.95	11.59	1.309	64.0	7.42	0.867
0.85	328.7	43.55	6.034	129.6	2.368	94.0	12.79	10.35	1.342	59.8	7.06	0.895
0.90	200.7	26.94	4.117	98.9	14.43	2.026	71.4	9.90	1.259	55.1	7.05	0.904
0.95	169.8	25.71	3.883	74.1	11.32	1.692	55.4	9.58	1.486	50.2	7.29	0.902
1.00	71.3	13.33	1.807	57.5	11.27	1.452	10.41	9.52	1.459	45.7	7.48	0.893
1.10	103.9	17.05	3.185	48.3	9.54	1.478	9.63	9.31	1.098	38.1	7.74	0.868
1.20	100.2	17.23	3.657	52.2	10.17	1.900	9.99	9.49	1.341	31.9	7.91	0.862
1.30	114.6	23.03	4.778	47.8	12.26	2.554	10.81	9.71	1.439	26.7	7.98	1.037
1.40	127.4	26.39	6.326	61.7	13.04	3.059	9.75	9.23	1.818	26.3	7.97	1.225
1.50	139.7	33.00	7.962	76.3	16.40	4.343	10.77	8.63	2.210	27.5	7.89	1.472
1.60	90.4	21.80	5.861	53.9	13.13	3.491	9.81	8.134	2.288	28.5	7.80	1.729
1.70	61.7	15.92	4.516	44.0	11.80	3.218	40.2	8.125	2.844	29.4	7.73	2.004
1.80	74.5	20.74	6.118	53.2	13.95	4.365	46.9	9.97	3.213	30.3	7.67	2.298
1.90	68.4	18.75	6.254	52.8	14.56	4.826	50.9	11.91	3.906	31.1	7.61	2.607
2.00	89.9	27.87	9.104	74.1	21.93	7.496	61.8	14.92	4.725	31.7	8.25	2.917
2.20	91.1	30.99	11.164	80.4	26.31	9.849	70.8	18.39	6.378	31.5	9.41	3.469
2.40	166.1	62.93	24.228	105.3	40.62	15.349	77.6	20.10	7.548	29.5	10.38	3.823
2.60	106.2	44.28	18.190	65.5	26.49	11.207	51.8	17.32	6.571	26.3	10.68	3.922
2.80	84.0	37.17	16.682	55.0	23.63	10.898	42.0	15.49	6.248	23.7	10.63	4.024
3.00	94.4	44.29	21.528	59.2	28.08	13.472	42.1	16.33	6.473	21.2	10.46	4.066
3.20	36.5	21.09	9.459	35.2	20.51	9.122	32.2	15.55	6.997	18.7	10.84	4.021
3.40	29.7	19.11	8.691	28.2	18.31	8.236	26.7	15.73	6.506	17.1	10.78	4.319
3.60	28.2	18.83	9.267	27.6	19.07	9.044	25.1	16.15	7.124	16.4	10.58	4.537
3.80	46.7	32.28	17.080	34.5	25.71	12.582	29.6	16.33	8.275	15.4	10.15	4.632
4.00	57.4	37.40	23.282	41.9	26.89	16.971	32.7	15.98	8.930	14.1	9.46	4.558

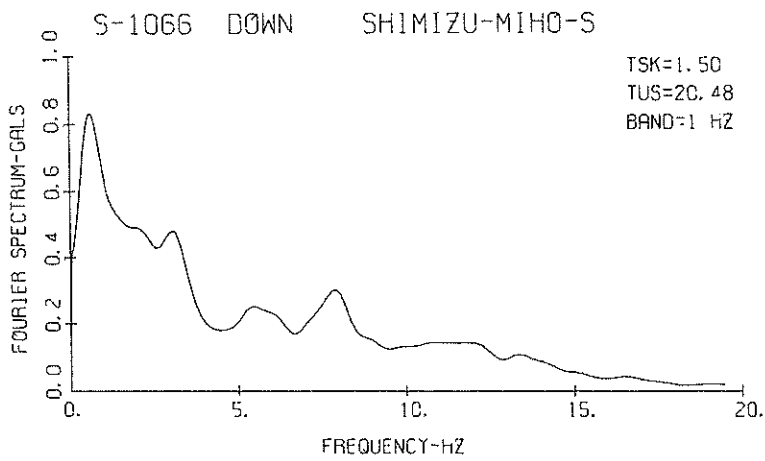
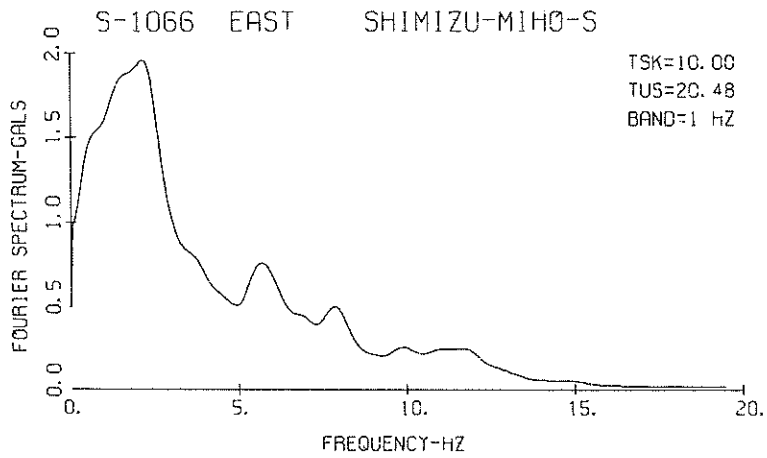
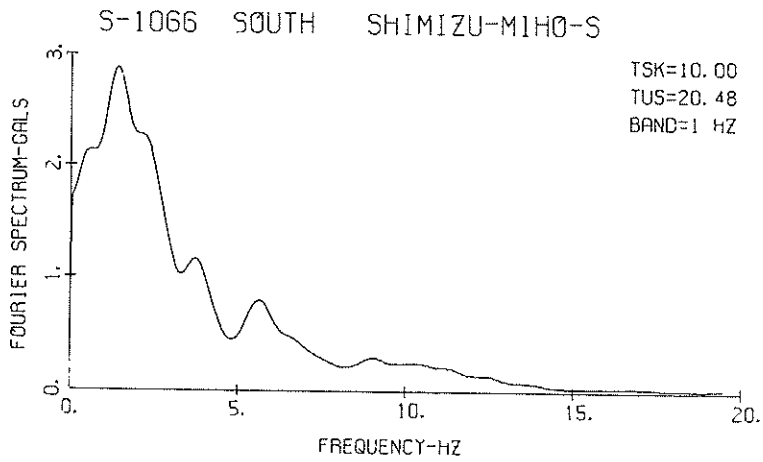
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1066 COMPONENT = DOWN SIGNAL = GR. ACC. CORRECTION = MAX.GROUND ACC. = STATION = SHIMIZU-MIHO-S  
 DATE AND TIME = 1978-01-14-12-24 SAMPRING INTERVAL = 0.0100(SEC) 16.72 (GAL)  
 TIME LENGTH = 40.00 (SEC) SKIPPED LENGTH = 1.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	38.8	0.26	0.002	21.5	0.08	0.001	21.1	0.07	0.001	20.5	0.06	0.001	19.7	0.05	0.001	19.7	0.05	0.001		
0.10	189.8	3.00	0.048	37.0	0.48	0.009	36.5	0.43	0.009	32.3	0.34	0.008	23.6	0.20	0.006	23.6	0.20	0.006		
0.15	55.7	1.27	0.032	45.9	1.09	0.026	39.7	0.95	0.022	31.3	0.76	0.018	24.0	0.46	0.013	24.0	0.46	0.013		
0.20	59.1	1.66	0.060	40.1	1.26	0.041	34.8	1.00	0.035	28.3	0.75	0.028	22.7	0.52	0.021	22.7	0.52	0.021		
0.25	64.9	2.45	0.103	34.8	1.25	0.055	29.3	1.10	0.046	26.1	0.93	0.041	22.3	0.68	0.033	22.3	0.68	0.033		
0.30	196.2	9.21	0.447	61.4	2.77	0.140	47.0	2.41	0.107	32.8	1.46	0.073	23.2	0.85	0.048	23.2	0.85	0.048		
0.35	64.7	3.68	0.201	47.5	2.59	0.147	41.6	2.08	0.129	33.2	1.67	0.101	21.3	1.01	0.059	21.3	1.01	0.059		
0.40	50.4	3.24	0.204	39.8	2.66	0.162	32.8	2.22	0.133	25.5	1.71	0.101	17.0	1.04	0.062	17.0	1.04	0.062		
0.45	132.4	8.88	0.679	63.2	2.91	0.221	30.9	2.06	0.158	21.3	1.54	0.107	16.2	1.02	0.076	16.2	1.02	0.076		
0.50	63.7	4.50	0.404	33.0	2.59	0.209	27.5	2.27	0.174	21.9	1.84	0.136	16.4	1.15	0.096	16.4	1.15	0.096		
0.55	112.3	9.51	0.860	44.5	3.80	0.341	30.3	2.72	0.231	21.0	1.82	0.159	16.2	1.16	0.119	16.2	1.16	0.119		
0.60	95.4	9.00	0.870	37.2	2.86	0.293	26.6	2.20	0.242	21.4	1.66	0.193	16.4	1.20	0.141	16.4	1.20	0.141		
0.65	62.8	6.09	0.672	27.5	2.68	0.295	23.3	2.00	0.249	20.5	1.81	0.217	16.3	1.35	0.163	16.3	1.35	0.163		
0.70	110.4	12.02	1.371	32.0	3.03	0.396	25.7	2.33	0.318	20.2	2.07	0.248	16.0	1.48	0.186	16.0	1.48	0.186		
0.75	67.7	7.52	0.965	33.2	3.38	0.473	26.1	2.69	0.371	19.8	2.29	0.277	15.4	1.55	0.208	15.4	1.55	0.208		
0.80	84.4	10.29	1.369	38.2	4.40	0.619	28.9	3.47	0.466	22.1	2.39	0.353	14.9	1.57	0.228	14.9	1.57	0.228		
0.85	99.3	12.90	1.817	42.0	5.32	0.767	29.9	3.64	0.545	22.8	2.55	0.410	15.3	1.55	0.262	15.3	1.55	0.262		
0.90	112.5	15.55	2.307	39.1	5.42	0.800	28.7	3.77	0.586	21.7	2.70	0.437	15.7	1.69	0.299	15.7	1.69	0.299		
0.95	71.0	10.52	1.624	25.3	3.78	0.577	21.6	3.10	0.491	19.3	2.54	0.434	16.0	1.79	0.345	16.0	1.79	0.345		
1.00	42.8	6.46	1.084	22.9	3.40	0.579	20.1	2.90	0.506	19.9	2.41	0.496	16.4	1.97	0.392	16.4	1.97	0.392		
1.10	41.2	6.65	1.263	32.4	4.51	0.992	28.0	3.87	0.855	23.1	3.18	0.698	17.3	2.40	0.501	17.3	2.40	0.501		
1.20	55.5	10.53	2.023	31.0	5.64	1.130	25.5	4.54	0.925	24.0	3.77	0.864	18.6	2.82	0.632	18.6	2.82	0.632		
1.30	65.5	13.55	2.804	40.6	8.25	1.734	32.8	6.54	1.397	26.2	4.92	1.106	19.9	3.19	0.784	19.9	3.19	0.784		
1.40	61.6	13.72	3.060	49.2	10.28	2.439	42.1	8.56	2.082	32.4	6.32	1.581	20.6	3.52	0.939	20.6	3.52	0.939		
1.50	160.4	38.06	9.142	63.9	15.72	3.639	49.2	11.42	2.791	35.2	7.46	1.968	20.6	3.81	1.069	20.6	3.81	1.069		
1.60	77.2	18.85	5.004	58.7	14.66	3.801	46.6	11.37	3.009	32.9	7.70	2.092	20.0	4.18	1.154	20.0	4.18	1.154		
1.70	78.2	20.88	5.725	56.7	14.93	4.144	43.2	11.06	3.150	30.4	8.08	2.178	18.6	4.54	1.200	18.6	4.54	1.200		
1.80	149.6	42.76	12.278	71.4	20.67	5.850	48.8	14.42	3.983	29.8	9.39	2.398	17.0	4.73	1.225	17.0	4.73	1.225		
1.90	88.3	27.07	6.071	56.9	18.04	5.198	42.9	13.81	3.899	27.3	9.02	2.437	15.6	4.74	1.269	15.6	4.74	1.269		
2.00	70.5	23.63	7.143	44.8	16.02	4.536	33.1	12.08	3.338	23.2	7.86	2.301	14.8	4.58	1.325	14.8	4.58	1.325		
2.20	40.0	14.90	4.907	30.4	11.12	3.718	24.8	9.28	3.024	19.6	7.23	2.352	13.2	4.16	1.408	13.2	4.16	1.408		
2.40	26.8	10.41	3.917	21.2	8.84	3.088	19.7	8.08	2.853	16.4	6.84	2.337	11.6	4.37	1.449	11.6	4.37	1.449		
2.60	36.3	15.90	6.218	23.9	11.05	4.089	19.3	9.12	3.292	14.8	6.89	2.481	10.3	4.51	1.504	10.3	4.51	1.504		
2.80	25.1	12.31	4.984	20.4	10.47	4.046	16.9	9.03	3.331	12.9	7.09	2.502	9.7	4.52	1.556	9.7	4.52	1.556		
3.00	21.0	10.92	4.777	16.7	9.08	3.796	14.0	7.88	3.170	11.0	6.40	2.434	8.1	4.56	1.551	8.1	4.56	1.551		
3.20	14.2	8.16	3.694	11.3	7.01	2.927	9.6	6.39	2.457	8.2	5.65	2.059	7.1	4.48	1.507	7.1	4.48	1.507		
3.40	7.8	5.49	2.273	6.2	4.94	1.805	6.2	4.65	1.775	6.1	4.78	1.702	6.1	4.32	1.447	6.1	4.32	1.447		
3.60	4.9	4.55	1.624	4.7	4.00	1.549	4.8	4.18	1.553	5.0	4.32	1.563	5.3	4.15	1.390	5.3	4.15	1.390		
3.80	5.6	5.05	2.058	4.8	4.44	1.752	4.4	4.24	1.611	4.7	4.11	1.505	4.7	4.00	1.343	4.7	4.00	1.343		
4.00	4.5	4.18	1.806	3.9	4.03	1.569	3.7	3.97	1.453	3.7	3.91	1.431	4.2	3.88	1.305	4.2	3.88	1.305		

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



FOURIER SPECTRA

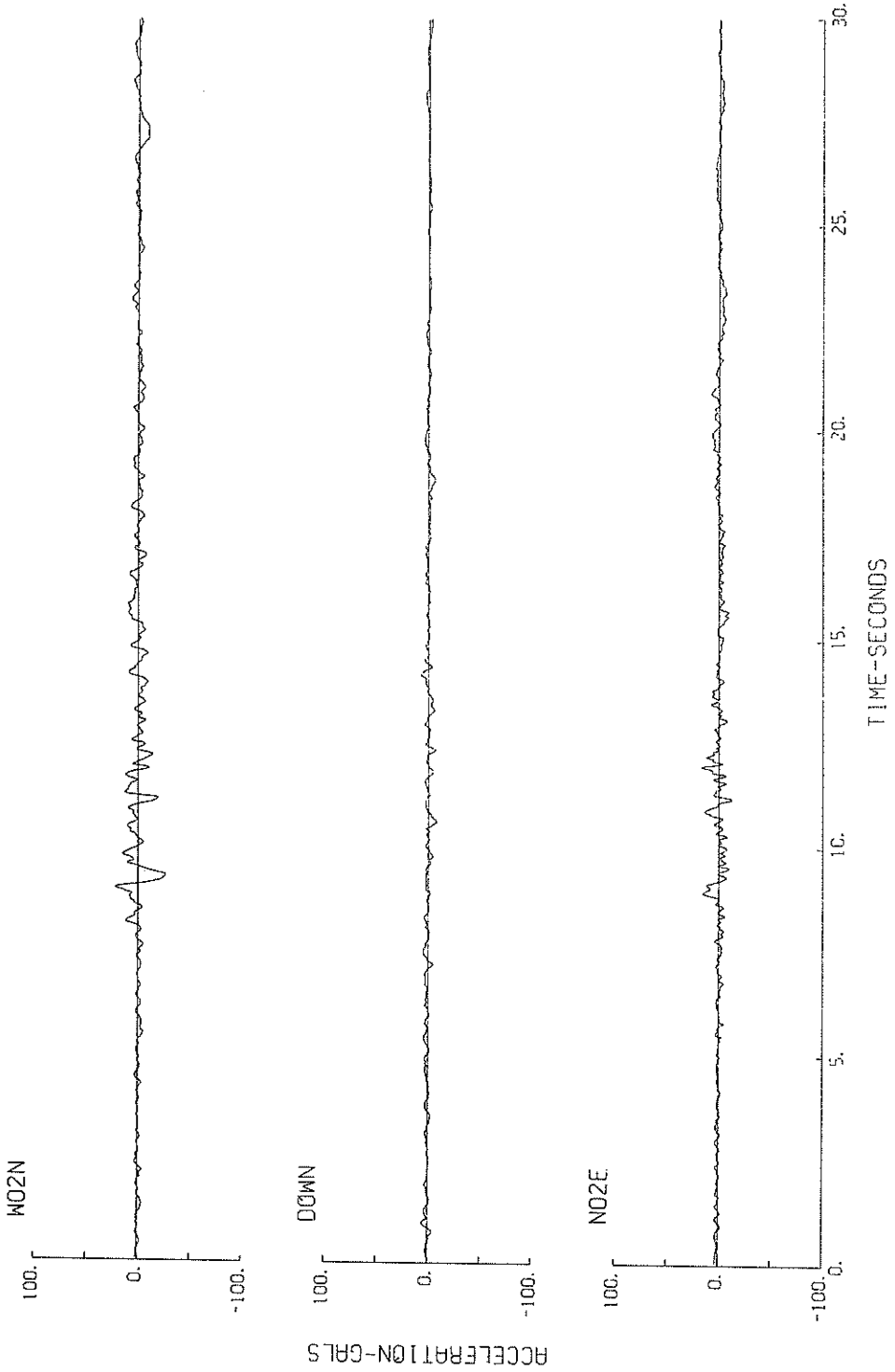
RECORD NUMBER S-1071  
 STATION OKITSU-S

EARTHQUAKE DATA

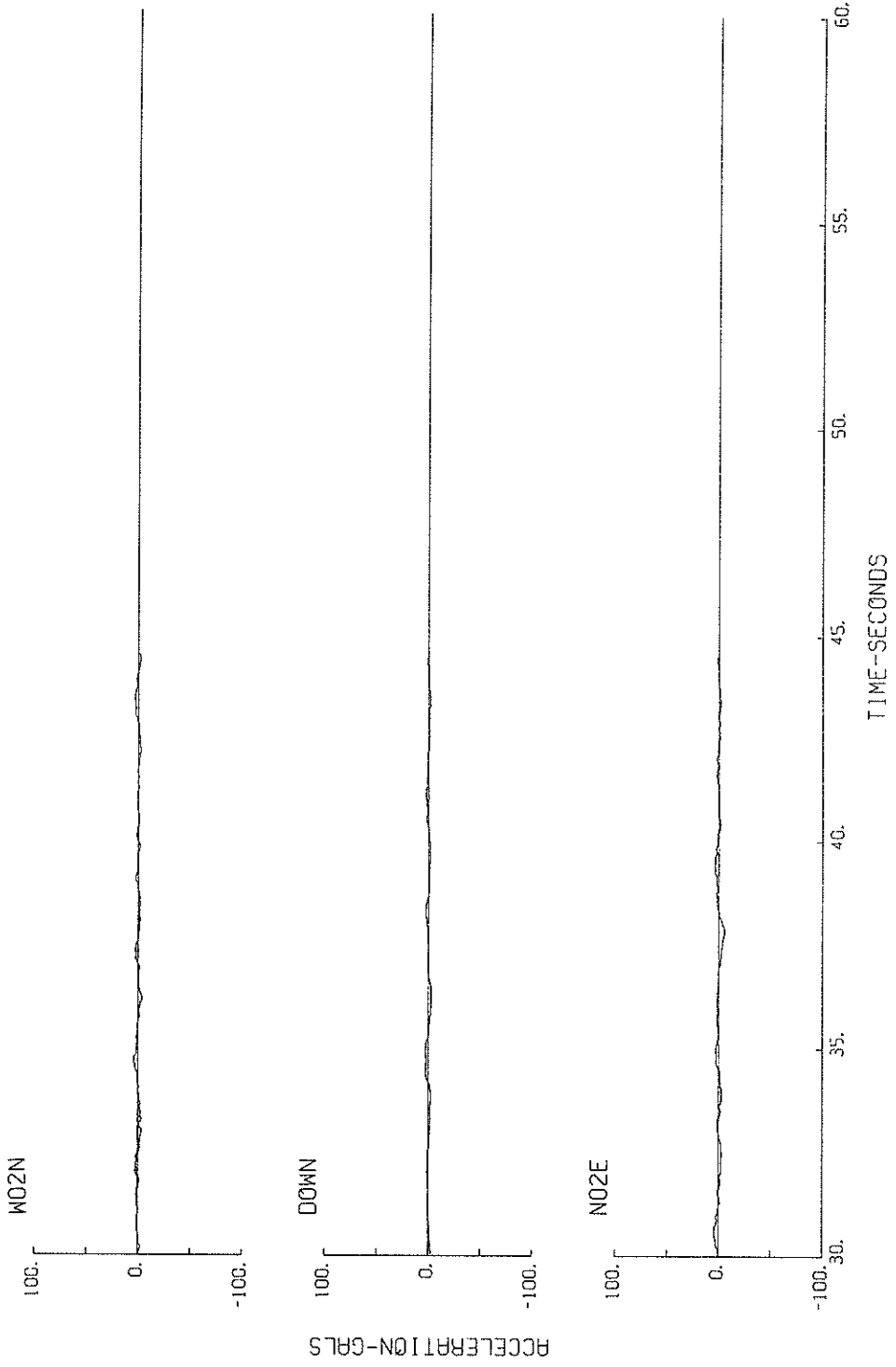
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* DATE AND TIME 12:24 JANUARY 14, 1978 *
*
* LOCATION OF HYPOCENTER *
* EPICENTRAL REGION NEAR OSHIMA *
* LATITUDE 34.8 N *
* LONGITUDE 139.3 E *
* DEPTH 0 KM *
*
* MAGNITUDE 7.0 *
*
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PARAMETER OF THE VARIABLE FILTER	COMPONENT		
	WD2N	NO2E	DOWN
FC (HZ)	0.174	0.148	0.271
MAXIMUM ACCELERATION (GAL.)			
ORIGINAL	26.7	16.9	7.89
SMAC-B2 EQUIVALENT CORRECTED	29.4	20.6	8.97
MAXIMUM VELOCITY (CM/SEC.)			
FIXED FILTER	4.63	3.06	1.91
VARIABLE FILTER	4.40	2.85	0.967
MAXIMUM DISPLACEMENT (CM)			
FIXED FILTER	1.98	2.36	1.30
VARIABLE FILTER	1.36	1.60	0.39

S-1071 OKITSU-S

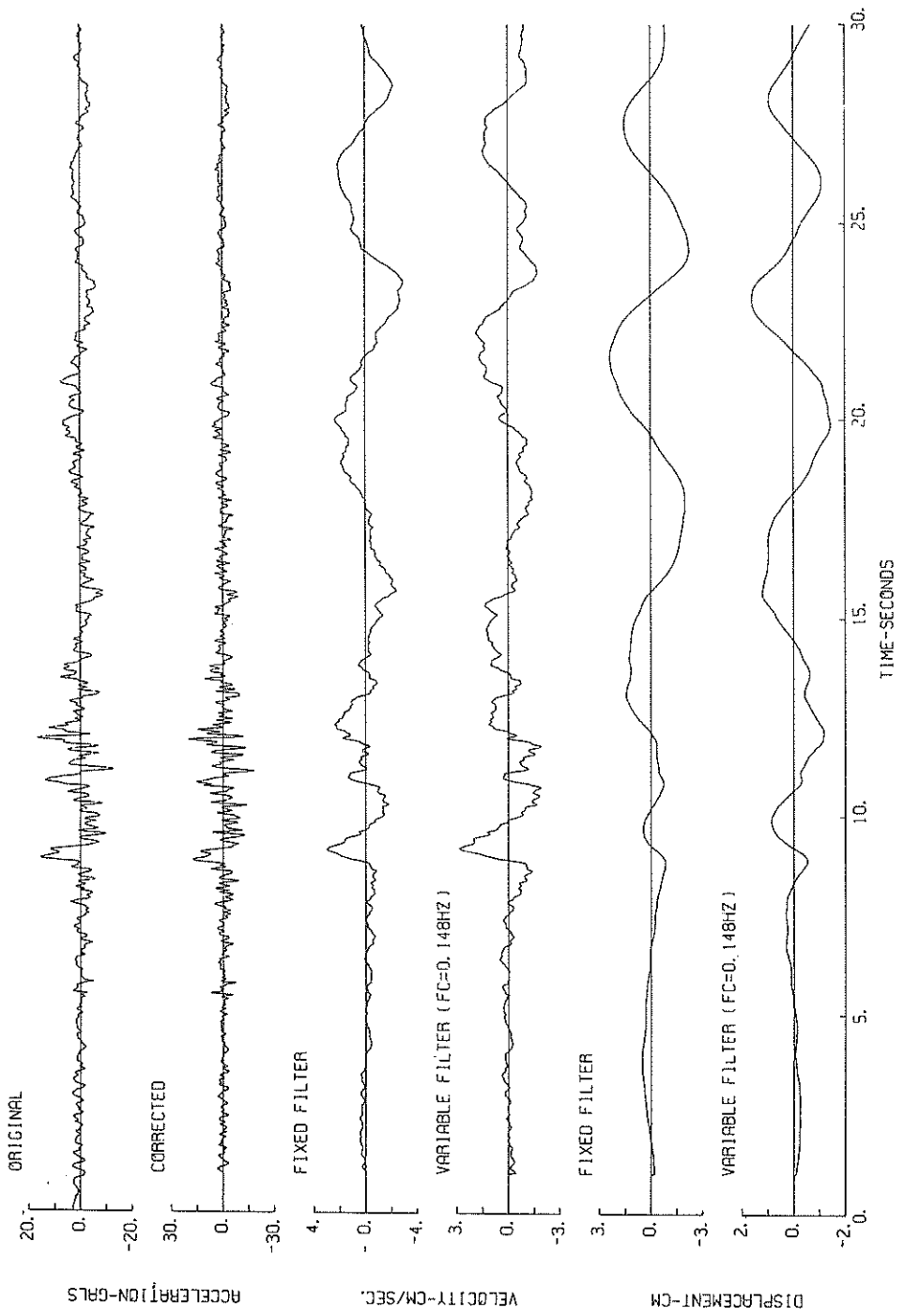


S-1071 OKITSU-S

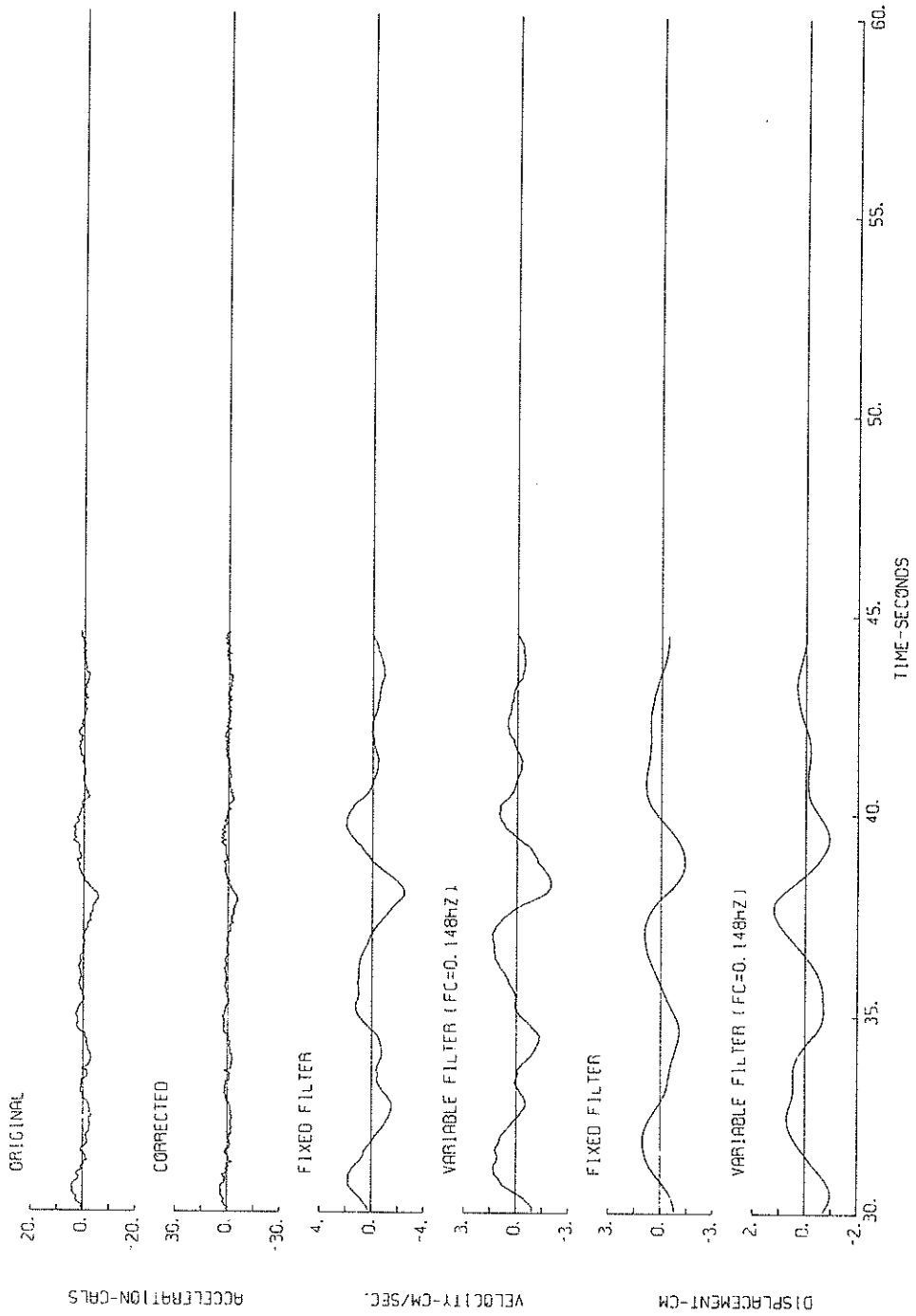




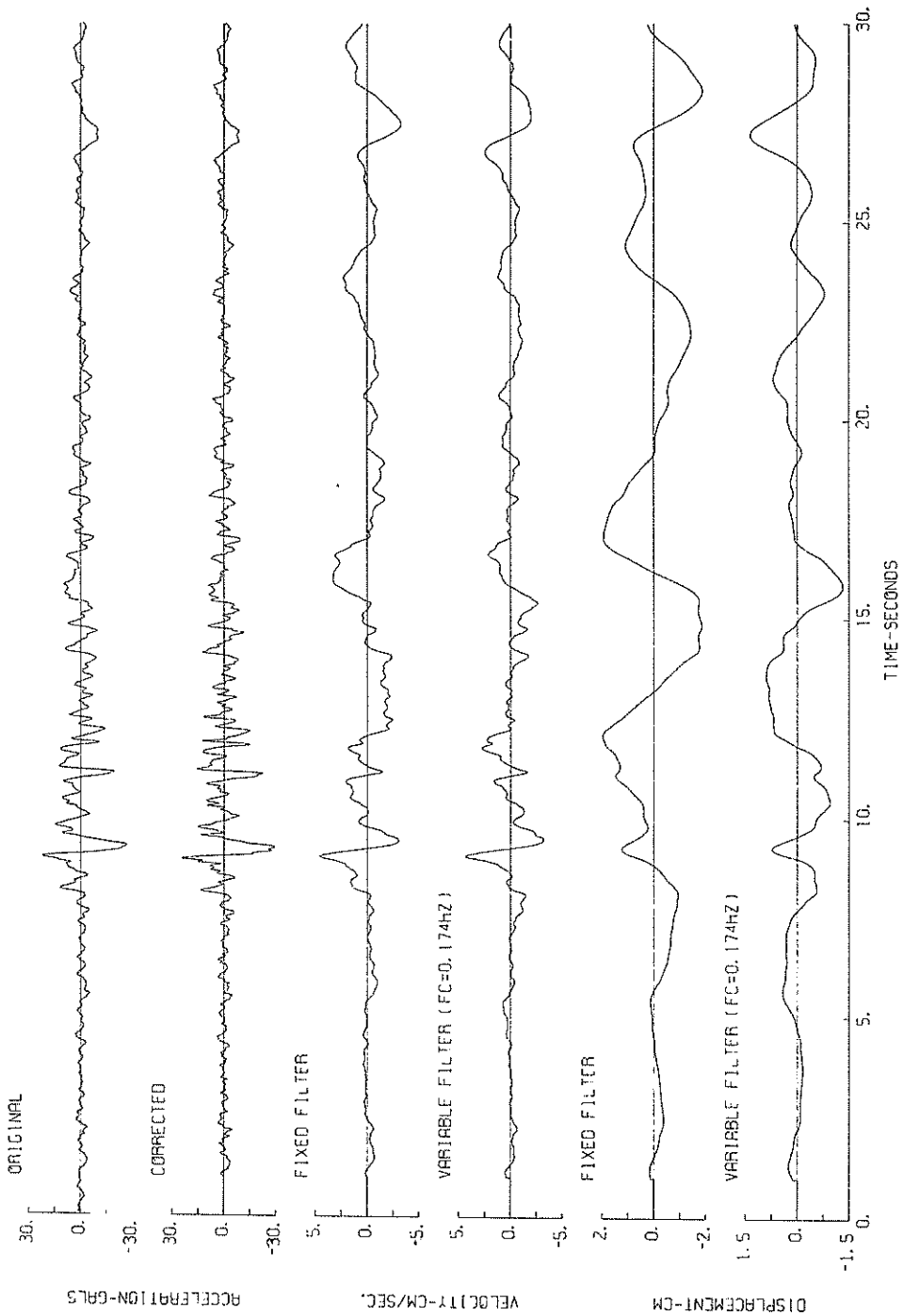
S-1071 N02E OKITSU-S



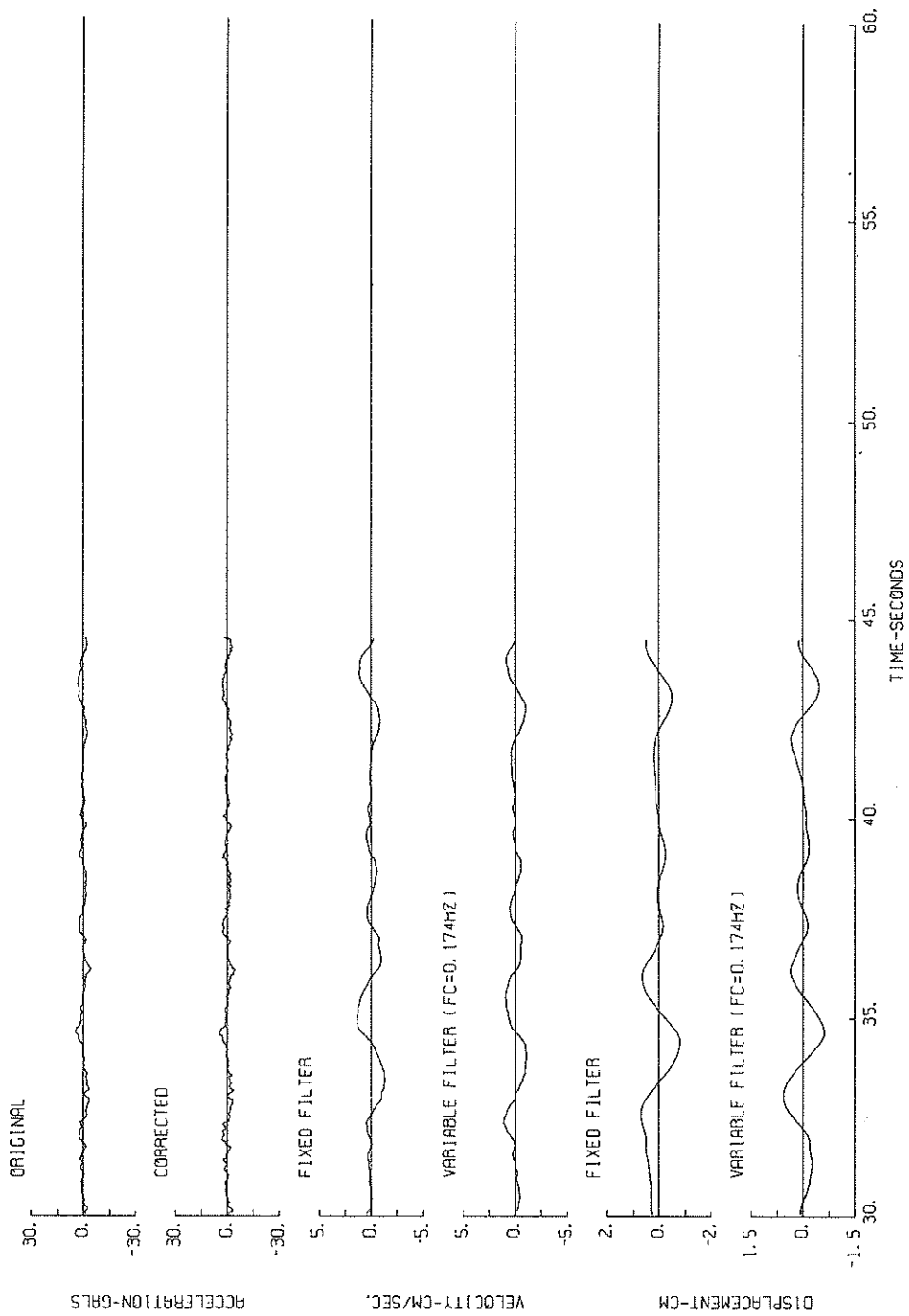
S-1071 NOZE OKITSU-S



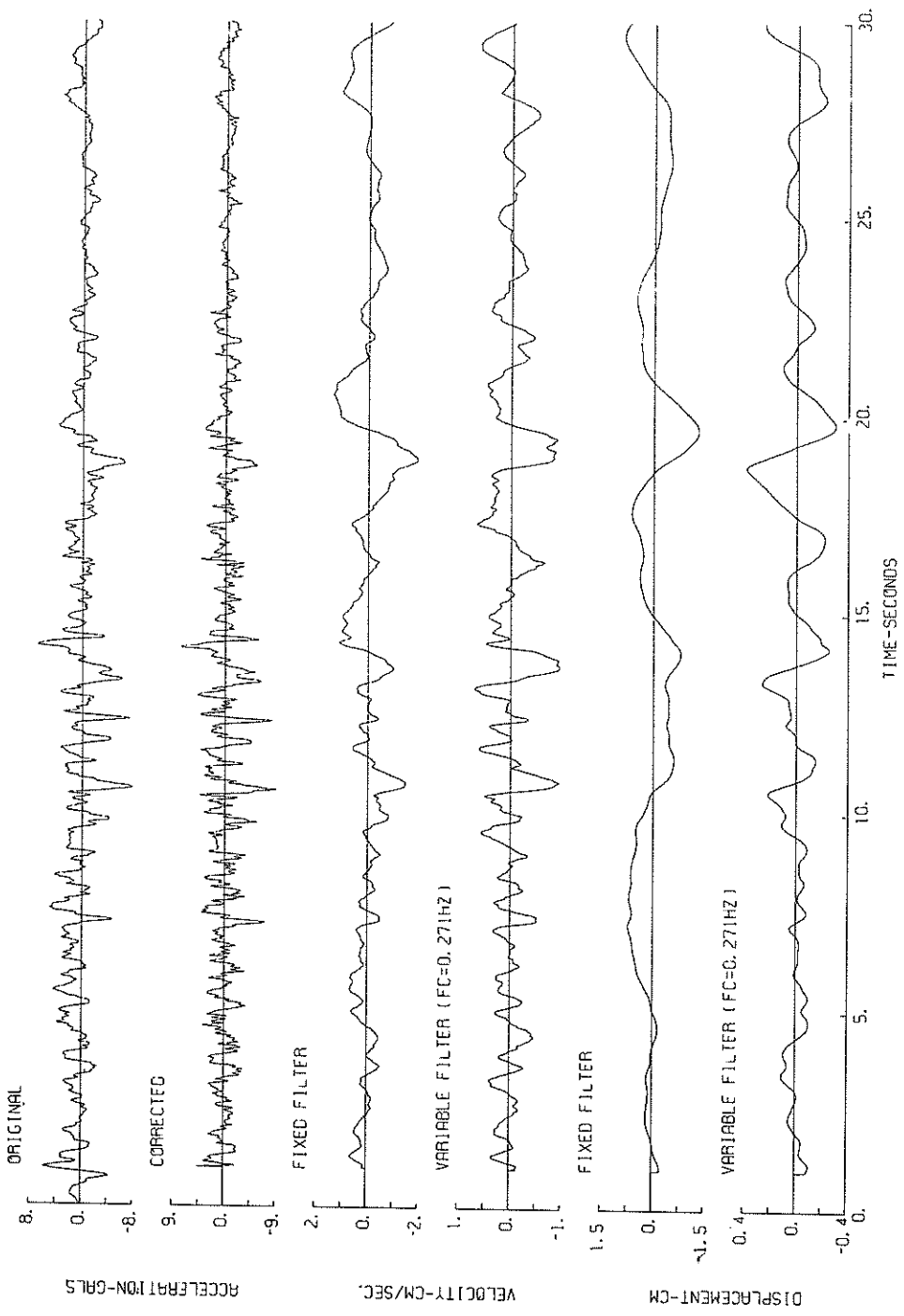
S-1071 W02N OKITSU-S



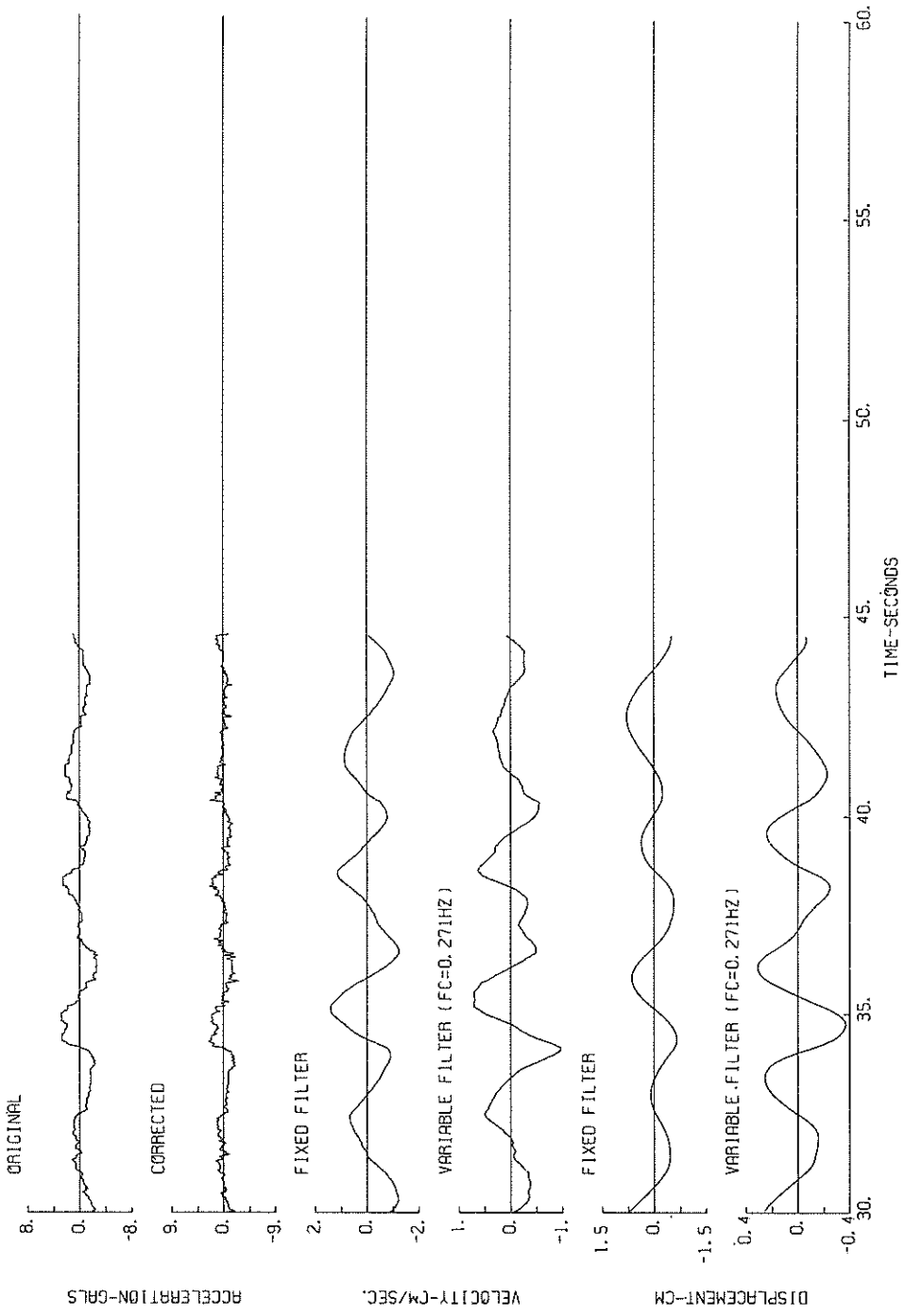
S-1071 W02N OKITSU-S



S-1071 DOWN OKITSU-S

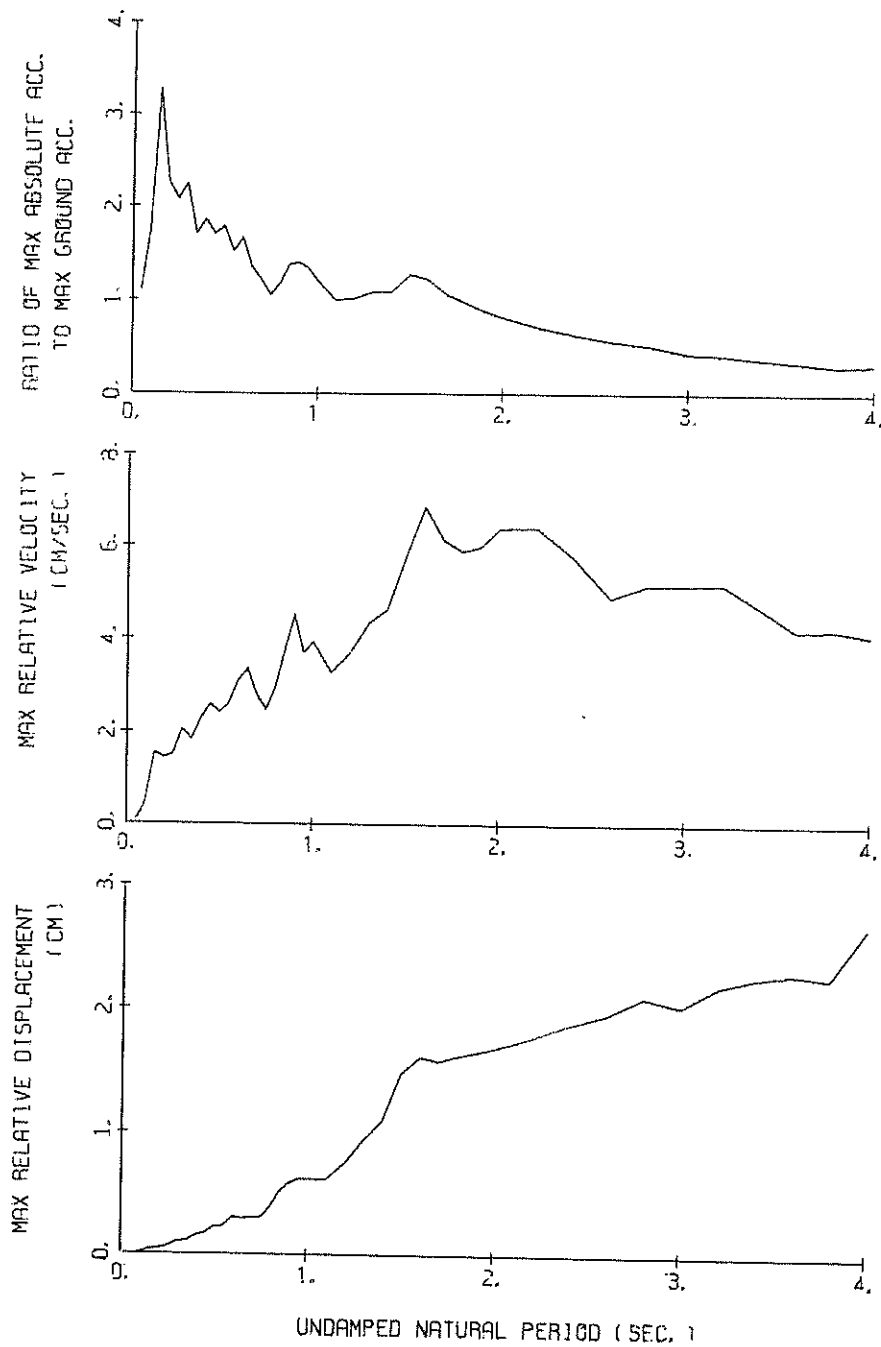


S-1071 DOWN OKITSU-S



S-1071 NO2E OKITSU-S

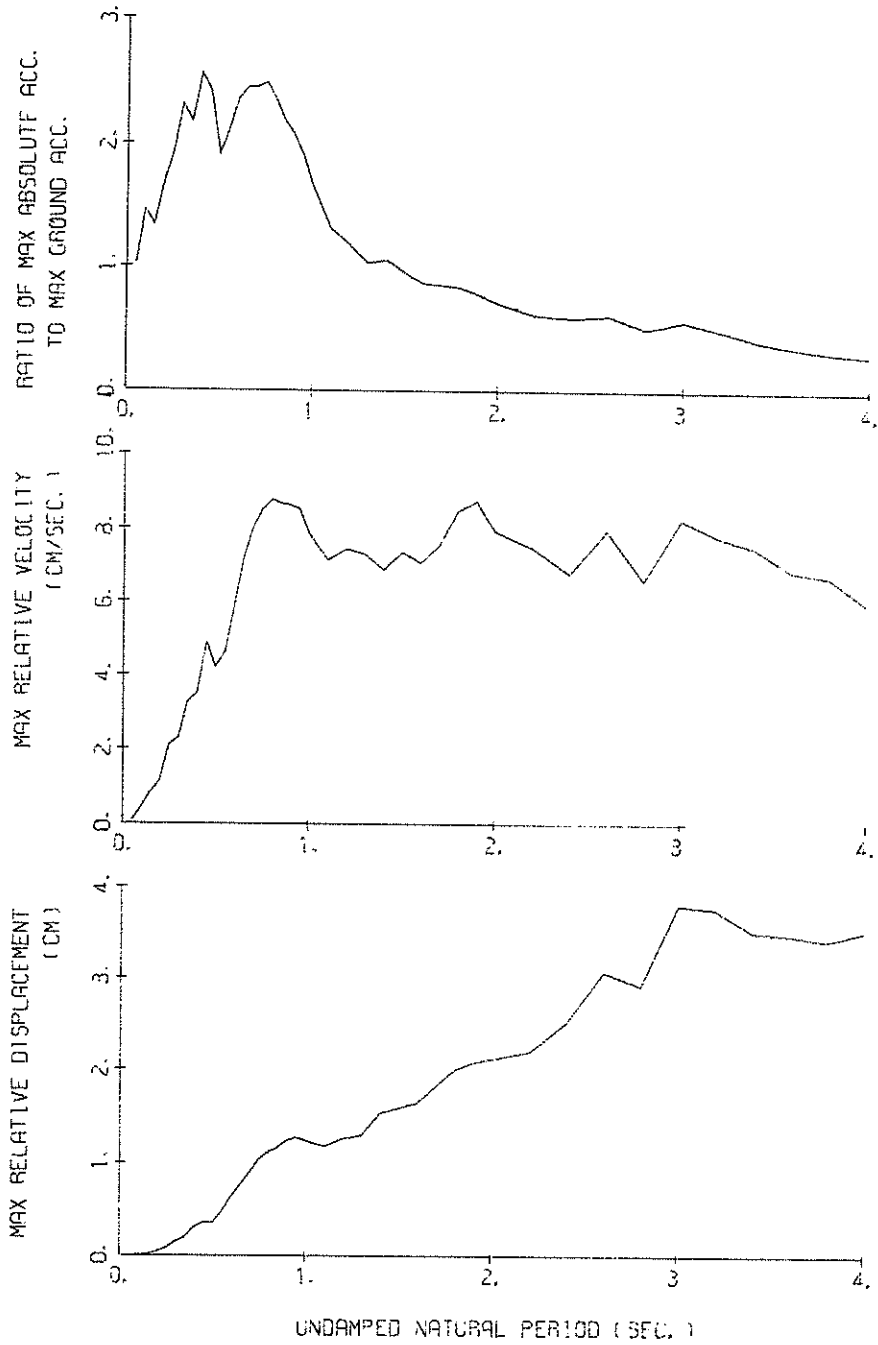
(1/FC=6.76 sec.)



RESPONSE SPECTRA (H=0.05)

S-1071 W02N OKITSU-S

(1/FC=5.75 sec.)

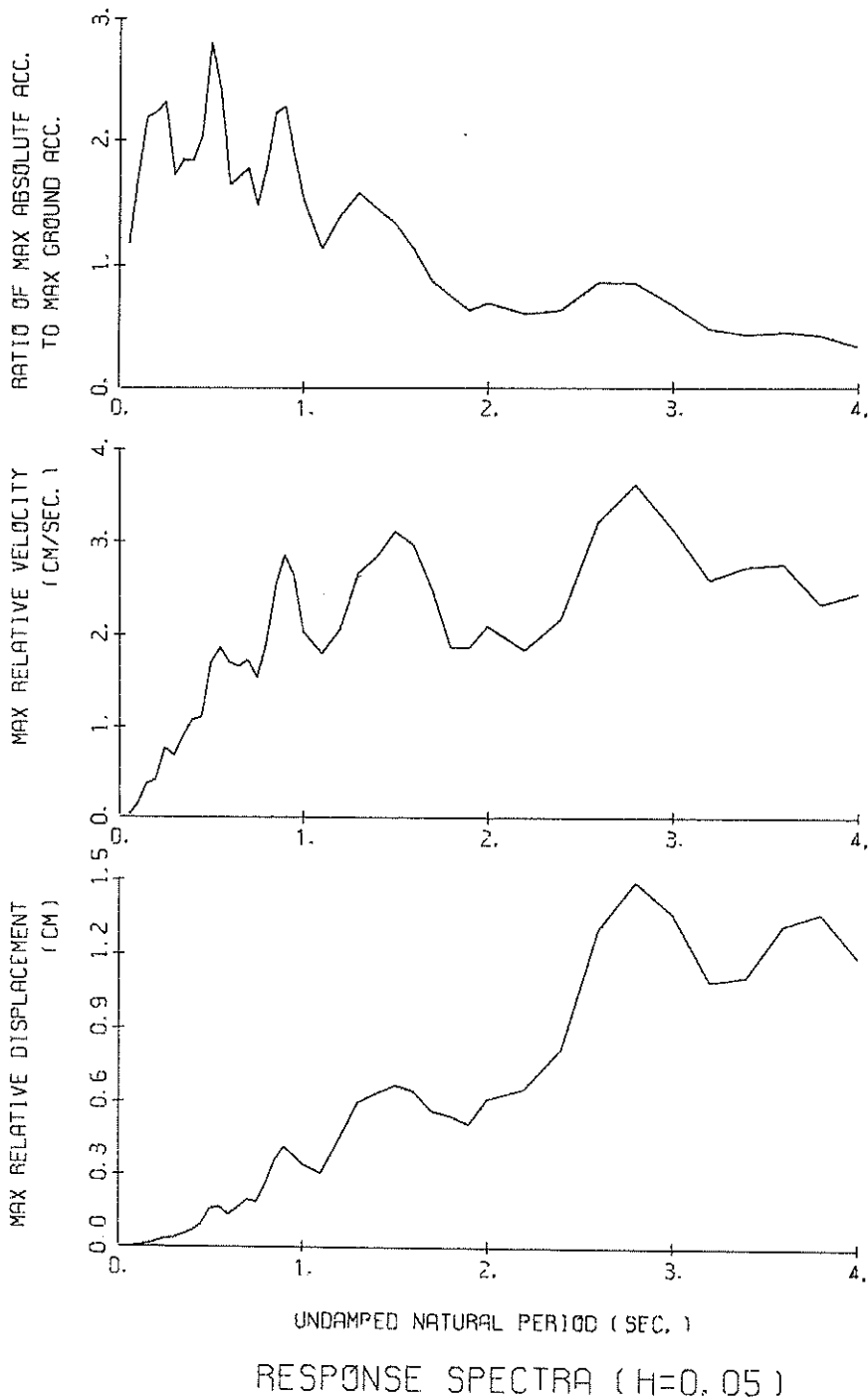


RESPONSE SPECTRA (H=0.05)



S-1071 DOWN OKITSU-S

(1/FC=3.69 sec.)



RESPONSE SPECTRUM

RECORD = S-1071      COMPONENT = NDZ      SIGNAL = GR. ACC.      STATION = OKITSU-S  
 DATE AND TIME = 1978-01-14-12-24      SAMPLING INTERVAL = 0.0100(SEC)      MAX.GROUND ACC. = 20.63 (GAL)  
 TIME LENGTH = 35.00 (SEC)      SKIPPED LENGTH = 5.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	29.4	0.12	0.002	21.5	0.06	0.001	22.2	0.06	0.001	22.5	0.05	0.001	22.2	0.05	0.001	22.2	0.05	0.001		
0.10	197.6	3.09	0.050	47.2	0.63	0.012	35.8	0.43	0.009	30.5	0.33	0.009	30.5	0.33	0.008	26.9	0.25	0.007		
0.15	133.6	3.16	0.076	77.5	1.78	0.044	67.4	1.54	0.038	46.9	1.10	0.024	46.9	1.10	0.024	27.0	0.57	0.014		
0.20	69.0	2.01	0.070	54.7	1.07	0.056	46.3	1.45	0.047	35.5	1.06	0.035	35.5	1.06	0.035	26.5	0.61	0.025		
0.25	140.5	5.39	0.222	57.7	2.14	0.091	42.7	1.51	0.067	33.4	1.08	0.051	33.4	1.08	0.051	24.8	0.62	0.037		
0.30	96.0	4.06	0.219	57.3	2.49	0.130	46.1	2.05	0.105	33.4	1.63	0.075	33.4	1.63	0.075	22.8	1.01	0.047		
0.35	74.6	4.06	0.231	45.9	2.43	0.142	34.7	1.83	0.108	28.6	1.26	0.078	28.6	1.26	0.078	20.8	0.96	0.060		
0.40	80.6	5.13	0.327	47.0	2.83	0.190	38.0	2.28	0.153	28.7	1.61	0.114	28.7	1.61	0.114	21.2	1.09	0.078		
0.45	77.3	5.54	0.396	43.4	3.28	0.222	34.8	2.58	0.177	28.7	1.94	0.145	28.7	1.94	0.145	21.6	1.15	0.098		
0.50	79.2	6.25	0.501	42.7	2.97	0.270	36.6	2.41	0.231	28.0	1.92	0.173	28.0	1.92	0.173	20.8	1.26	0.114		
0.55	53.6	4.32	0.412	33.4	2.69	0.255	31.1	2.61	0.237	24.4	2.08	0.183	24.4	2.08	0.183	19.4	1.48	0.129		
0.60	61.6	6.09	0.561	42.4	4.17	0.356	33.9	3.11	0.308	25.2	2.41	0.224	25.2	2.41	0.224	17.9	1.65	0.152		
0.65	61.5	6.20	0.658	35.9	4.22	0.384	27.5	3.34	0.293	21.3	2.53	0.224	21.3	2.53	0.224	17.3	1.76	0.175		
0.70	34.6	3.65	0.429	28.4	3.07	0.352	24.8	2.79	0.307	20.3	2.44	0.250	20.3	2.44	0.250	16.8	1.81	0.201		
0.75	45.0	5.50	0.642	26.5	3.15	0.377	21.5	2.47	0.305	20.3	2.47	0.284	20.3	2.47	0.284	16.8	1.91	0.230		
0.80	53.2	6.52	0.862	28.3	3.23	0.458	24.1	2.95	0.389	21.5	2.71	0.341	21.5	2.71	0.341	17.0	2.01	0.260		
0.85	45.8	5.81	0.839	32.7	4.52	0.598	28.2	3.78	0.513	22.7	3.00	0.408	22.7	3.00	0.408	17.1	2.08	0.292		
0.90	76.8	11.27	1.576	36.3	5.77	0.745	28.8	4.51	0.589	22.5	3.18	0.455	22.5	3.18	0.455	17.0	2.11	0.322		
0.95	56.9	8.53	1.300	38.0	4.68	0.823	27.5	3.70	0.626	22.0	2.93	0.495	22.0	2.93	0.495	16.7	2.10	0.349		
1.00	45.1	6.92	1.143	30.4	4.95	0.769	24.7	3.92	0.624	20.8	2.98	0.518	20.8	2.98	0.518	16.3	2.07	0.374		
1.10	48.2	8.09	1.477	20.8	3.27	0.636	20.4	3.27	0.621	18.7	3.09	0.562	18.7	3.09	0.562	15.5	2.30	0.424		
1.20	31.7	5.93	1.155	22.1	3.82	0.807	20.8	3.70	0.755	18.2	3.40	0.656	18.2	3.40	0.656	15.0	2.54	0.480		
1.30	27.8	5.32	1.188	24.7	4.71	1.055	22.2	4.34	0.947	18.6	3.77	0.782	18.6	3.77	0.782	14.5	2.72	0.539		
1.40	48.4	10.45	2.402	25.8	5.69	1.278	22.3	4.64	1.102	18.3	3.91	0.898	18.3	3.91	0.898	14.0	2.79	0.595		
1.50	75.2	17.79	4.285	34.6	7.66	1.968	26.2	5.79	1.463	18.1	3.99	1.012	18.1	3.99	1.012	13.4	2.79	0.645		
1.60	49.0	12.48	3.176	33.3	8.94	2.459	25.0	6.87	1.616	17.2	4.44	1.093	17.2	4.44	1.093	12.7	2.77	0.686		
1.70	41.0	10.79	2.999	27.9	7.89	2.039	21.7	6.94	1.579	16.5	4.31	1.074	16.5	4.31	1.074	11.9	2.81	0.739		
1.80	31.9	8.73	2.619	22.6	6.82	1.894	20.0	5.88	1.622	16.0	4.45	1.258	16.0	4.45	1.258	11.2	2.79	0.787		
1.90	39.2	11.53	3.582	20.6	8.95	2.626	18.1	5.99	1.622	14.7	4.92	1.315	14.7	4.92	1.315	10.6	3.13	0.847		
2.00	37.6	11.52	3.814	19.3	7.06	1.951	16.8	6.39	1.691	14.1	5.30	1.385	14.1	5.30	1.385	9.9	3.38	0.901		
2.20	26.0	9.00	3.186	16.1	6.99	1.964	14.5	6.41	1.775	11.3	5.44	1.507	11.3	5.44	1.507	9.3	3.61	0.981		
2.40	28.7	10.83	4.192	14.0	6.26	2.041	13.0	5.76	1.878	12.4	4.97	1.606	12.4	4.97	1.606	8.4	3.55	1.066		
2.60	28.9	12.00	4.950	15.3	6.43	2.222	11.5	4.88	1.959	9.9	4.33	1.713	9.9	4.33	1.713	7.4	3.28	1.114		
2.80	18.0	8.15	3.576	13.6	6.42	2.704	10.6	5.16	2.099	8.9	3.85	1.713	8.9	3.85	1.713	6.8	3.28	1.160		
3.00	27.5	12.12	6.265	15.5	6.53	3.536	11.7	5.16	2.648	8.6	4.04	1.937	8.6	4.04	1.937	6.1	3.34	1.194		
3.20	15.0	7.71	3.695	10.1	5.83	2.580	9.9	5.19	2.541	7.2	4.18	2.072	7.2	4.18	2.072	5.4	3.38	1.302		
3.40	14.8	7.12	4.334	9.8	5.19	2.812	8.4	4.89	2.593	6.4	3.89	2.074	6.4	3.89	2.074	5.4	3.41	1.404		
3.60	11.4	6.71	3.755	7.8	4.58	2.557	7.0	4.18	2.296	6.6	3.78	2.035	6.6	3.78	2.035	5.4	3.43	1.465		
3.80	9.2	4.92	3.353	6.9	4.55	2.486	6.5	4.21	2.298	6.4	3.77	2.160	6.4	3.77	2.160	5.0	3.44	1.546		
4.00	9.2	5.97	3.744	6.7	4.60	2.714	6.8	4.08	2.667	6.6	3.82	2.417	6.6	3.82	2.417	4.8	3.44	1.700		

PER = PERIOD (SEC)      AA = ABSOLUTE ACC. (GAL)      RV = RELATIVE VELOCITY (CM/SEC)      RD = RELATIVE DISPLACEMENT (CM)

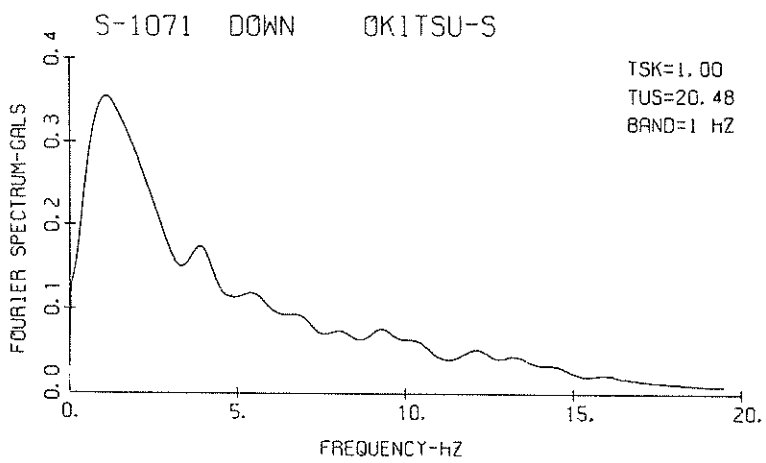
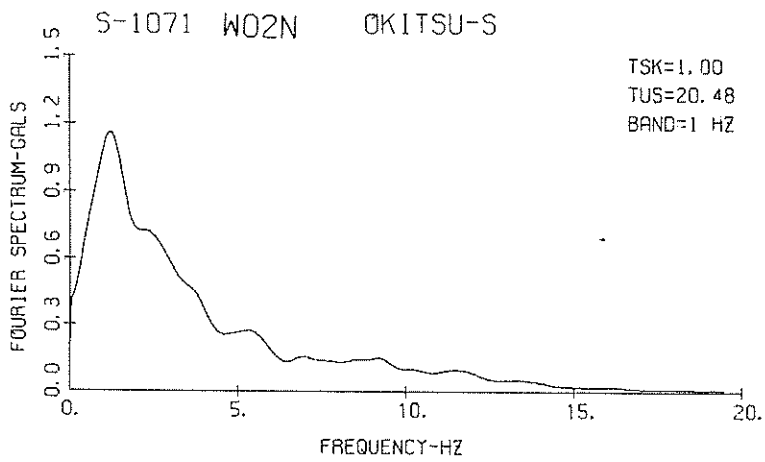
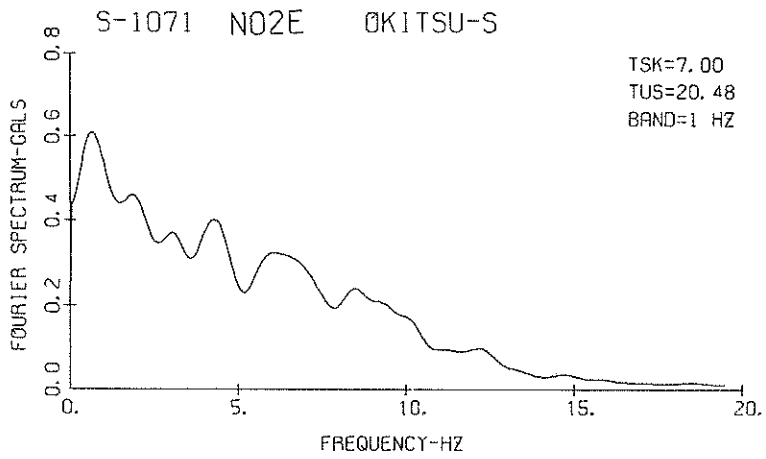
RESPONSE SPECTRUM

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	31.4	0.12	0.002	29.7	0.06	0.002	29.6	0.05	0.002	29.8	0.05	0.002	29.9	0.05	0.002
0.10	86.4	1.28	0.022	49.8	0.55	0.013	42.9	0.43	0.011	36.2	0.30	0.009	32.6	0.24	0.008
0.15	52.8	1.19	0.030	45.0	0.93	0.026	39.2	0.83	0.022	34.5	0.68	0.020	29.6	0.46	0.017
0.20	88.2	2.57	0.089	56.2	1.48	0.057	49.4	1.13	0.050	42.0	0.94	0.042	32.6	0.72	0.032
0.25	119.2	4.30	0.189	76.2	2.72	0.121	56.5	2.09	0.089	46.9	1.48	0.074	38.6	1.06	0.059
0.30	118.0	5.58	0.269	76.0	2.80	0.173	68.0	2.28	0.155	58.1	1.92	0.131	43.9	1.39	0.085
0.35	142.2	7.98	0.441	74.7	4.19	0.251	63.9	3.26	0.197	59.4	2.38	0.182	46.2	1.73	0.138
0.40	111.3	6.97	0.451	82.9	4.07	0.336	75.3	3.48	0.305	63.4	2.89	0.254	47.3	2.00	0.183
0.45	148.6	10.77	0.762	94.7	6.45	0.485	71.3	4.89	0.365	56.4	3.51	0.286	47.6	2.16	0.231
0.50	99.7	7.67	0.631	67.4	5.06	0.426	56.3	4.18	0.355	53.2	3.41	0.333	48.0	2.27	0.285
0.55	68.2	5.38	0.523	64.6	4.98	0.499	62.2	4.61	0.476	58.0	3.99	0.439	48.7	2.62	0.348
0.60	142.9	13.03	1.303	74.6	6.58	0.679	69.5	5.91	0.631	62.0	4.89	0.557	49.2	3.09	0.414
0.65	126.5	12.81	1.353	79.2	8.04	0.847	72.1	7.20	0.769	63.6	5.90	0.670	48.9	3.62	0.479
0.70	104.5	11.63	1.297	82.5	8.93	1.022	72.2	8.05	0.892	63.2	6.58	0.771	47.7	3.98	0.539
0.75	165.2	19.64	2.354	91.5	10.57	1.303	73.4	8.51	1.041	61.1	6.81	0.855	46.0	4.14	0.593
0.80	120.2	14.44	1.949	83.6	10.62	1.354	69.1	8.77	1.116	56.9	6.66	0.905	43.8	4.15	0.639
0.85	182.0	24.36	3.331	83.1	11.22	1.518	64.0	8.65	1.165	52.5	6.58	0.942	41.4	4.34	0.679
0.90	147.1	21.28	3.018	81.4	11.23	1.670	60.9	8.60	1.243	48.9	6.55	0.983	39.0	4.47	0.714
0.95	144.6	21.76	3.306	73.1	11.00	1.668	56.1	8.49	1.276	45.1	6.69	1.010	36.7	4.57	0.744
1.00	75.9	11.88	1.921	54.2	8.59	1.371	49.0	7.85	1.233	40.8	6.66	1.010	34.6	4.63	0.773
1.10	42.3	7.38	1.296	40.8	7.34	1.248	38.5	7.12	1.173	34.2	6.46	1.023	30.9	4.71	0.828
1.20	44.5	8.85	1.622	38.9	8.05	1.416	34.7	7.44	1.258	31.2	6.49	1.073	27.9	4.79	0.884
1.30	62.7	12.72	2.683	32.8	7.84	1.402	30.3	7.29	1.291	28.3	6.40	1.177	25.6	4.90	0.939
1.40	65.8	14.59	3.266	43.5	9.26	2.156	31.1	6.87	1.535	25.4	6.16	1.229	23.6	5.01	0.991
1.50	99.0	23.41	5.643	37.2	8.78	2.120	28.0	7.36	1.589	23.6	6.00	1.319	21.9	5.15	1.045
1.60	45.0	11.71	2.919	31.2	8.65	2.022	25.5	7.05	1.642	22.3	5.98	1.453	20.4	5.30	1.101
1.70	37.2	11.15	2.727	28.7	9.09	2.094	25.0	7.54	1.822	22.3	6.42	1.596	19.0	5.46	1.153
1.80	52.8	15.95	4.332	27.2	9.78	2.230	24.5	8.48	1.994	21.3	6.83	1.706	17.6	5.60	1.194
1.90	45.1	13.20	4.128	25.9	10.00	2.367	22.8	8.73	2.071	19.9	7.09	1.762	16.1	5.71	1.221
2.00	42.8	13.33	4.339	24.2	8.87	2.455	20.9	7.94	2.111	18.0	7.17	1.760	14.6	5.77	1.231
2.20	32.9	11.34	4.028	20.2	7.79	2.477	18.0	7.48	2.187	14.5	6.93	1.732	12.0	5.77	1.206
2.40	32.2	12.38	4.698	21.1	7.10	3.077	17.3	6.76	2.514	13.5	6.47	1.896	10.1	5.65	1.294
2.60	44.2	18.18	7.569	24.5	10.61	4.196	18.0	7.97	3.060	12.3	6.03	2.259	9.6	5.48	1.440
2.80	22.1	9.80	4.364	19.1	8.69	3.778	14.8	6.58	3.933	13.3	5.92	2.386	9.0	5.31	1.546
3.00	44.5	21.74	10.153	25.5	12.60	5.812	17.0	8.31	3.849	12.2	6.02	2.715	8.1	5.14	1.602
3.20	22.6	11.79	5.851	17.2	8.84	4.434	14.5	7.80	3.747	11.0	6.51	2.790	7.2	4.99	1.607
3.40	18.3	10.35	5.365	14.6	8.43	4.239	12.0	7.49	3.500	9.2	6.01	2.612	6.8	4.84	1.562
3.60	18.7	11.80	6.144	13.7	8.60	4.479	10.7	6.83	3.467	7.5	5.20	2.357	6.4	4.70	1.483
3.80	17.2	12.11	6.308	12.2	8.73	4.441	9.4	6.68	3.407	6.4	4.65	2.297	6.0	4.56	1.400
4.00	15.2	10.19	6.178	11.3	7.54	4.565	8.7	5.95	3.514	5.9	4.53	2.315	5.7	4.42	1.533

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1071		COMPONENT = DOWN		SIGNAL = GR. ACC.		CORRECTION =		STATION = OKITSU-S	
DATE AND TIME = 1978-01-14-12-24		SAMPLING INTERVAL = 0.0100(SEC)		MAX. GROUND ACC. = 8.97 (GAL)					
TIME LENGTH = 35.00 (SEC)		SKIPPED LENGTH = 5.00 (SEC)							
PER	AA	RV	RD	AA	RV	RD	AA	RV	RD
DAMPING = 0.									
DAMPING = 0.025									
DAMPING = 0.050									
DAMPING = 0.100									
DAMPING = 0.250									
0.05	14.5	0.06	0.001	10.2	0.02	0.001	10.1	0.02	0.001
0.10	45.8	0.57	0.012	14.9	0.21	0.004	13.7	0.11	0.003
0.15	75.9	1.79	0.043	24.2	0.47	0.014	15.9	0.29	0.008
0.20	34.9	1.09	0.035	23.2	0.54	0.024	15.9	0.32	0.016
0.25	68.4	2.66	0.108	31.0	1.17	0.069	14.6	0.51	0.023
0.30	40.4	1.89	0.092	16.6	0.73	0.038	15.4	0.60	0.030
0.35	36.1	1.97	0.112	21.0	1.15	0.065	13.9	0.72	0.043
0.40	32.1	1.98	0.130	18.5	1.20	0.075	14.6	0.81	0.059
0.45	28.2	1.87	0.145	20.9	1.30	0.107	13.7	0.95	0.069
0.50	49.3	3.77	0.312	33.7	2.37	0.213	16.4	1.20	0.102
0.55	58.5	4.94	0.449	26.8	2.34	0.205	15.3	1.36	0.114
0.60	20.3	1.90	0.185	15.5	1.78	0.141	14.6	1.34	0.106
0.65	52.4	5.33	0.564	21.7	2.35	0.232	15.3	1.17	0.121
0.70	35.2	3.90	0.437	20.3	2.27	0.251	15.8	1.16	0.137
0.75	23.9	2.69	0.340	18.8	1.93	0.239	13.1	1.18	0.155
0.80	32.2	4.10	0.522	17.1	2.39	0.309	15.9	1.49	0.203
0.85	30.3	4.07	0.555	24.4	3.11	0.446	19.7	1.81	0.255
0.90	51.8	7.37	1.063	26.6	3.68	0.544	20.4	1.95	0.277
0.95	48.7	7.22	1.113	24.5	3.79	0.558	16.7	1.89	0.269
1.00	23.5	3.56	0.594	15.3	2.34	0.388	13.5	1.68	0.265
1.10	15.0	2.79	0.460	11.9	2.07	0.364	10.0	1.79	0.305
1.20	21.2	4.09	0.773	14.8	2.69	0.538	12.4	2.05	0.451
1.30	25.3	5.11	1.084	16.1	3.20	0.690	14.1	2.66	0.599
1.40	37.3	8.18	1.851	17.3	3.68	0.857	12.9	2.83	0.638
1.50	23.8	5.55	1.356	13.9	3.57	0.784	11.8	3.11	0.671
1.60	14.6	3.75	0.950	11.7	3.32	0.757	10.0	2.98	0.644
1.70	21.5	5.71	1.573	9.7	2.73	0.711	7.7	2.47	0.563
1.80	16.6	4.64	1.366	8.6	2.39	0.703	6.7	2.12	0.435
1.90	12.6	3.72	1.156	7.6	2.22	0.697	5.6	1.73	0.406
2.00	14.6	4.28	1.476	8.3	2.68	0.836	6.5	1.42	0.409
2.20	10.5	3.70	1.266	7.3	2.65	0.892	6.0	1.48	0.490
2.40	11.7	4.40	1.711	7.2	2.80	1.049	4.9	1.62	0.588
2.60	17.0	6.81	2.915	10.2	4.34	1.740	4.7	1.73	0.680
2.80	16.7	7.42	3.324	9.9	4.73	1.958	5.2	2.16	0.874
3.00	17.5	8.43	3.991	11.0	5.02	2.491	7.6	2.50	1.026
3.20	6.3	3.60	1.626	6.7	3.68	1.742	5.3	2.53	1.173
3.40	9.2	5.50	2.692	6.9	4.11	2.025	4.4	2.51	1.122
3.60	7.7	4.66	2.520	5.8	3.64	1.892	4.4	2.43	1.136
3.80	5.9	3.97	2.147	4.5	3.18	1.659	3.5	2.29	1.108
4.00	4.9	3.85	2.006	3.6	2.97	1.474	2.9	2.13	1.008
							2.3	1.80	0.895
							1.9	1.34	0.585



FOURIER SPECTRA

RECORD NUMBER

M-186

STATION

KAWASAKI-DAI5-CHI-M

EARTHQUAKE DATA

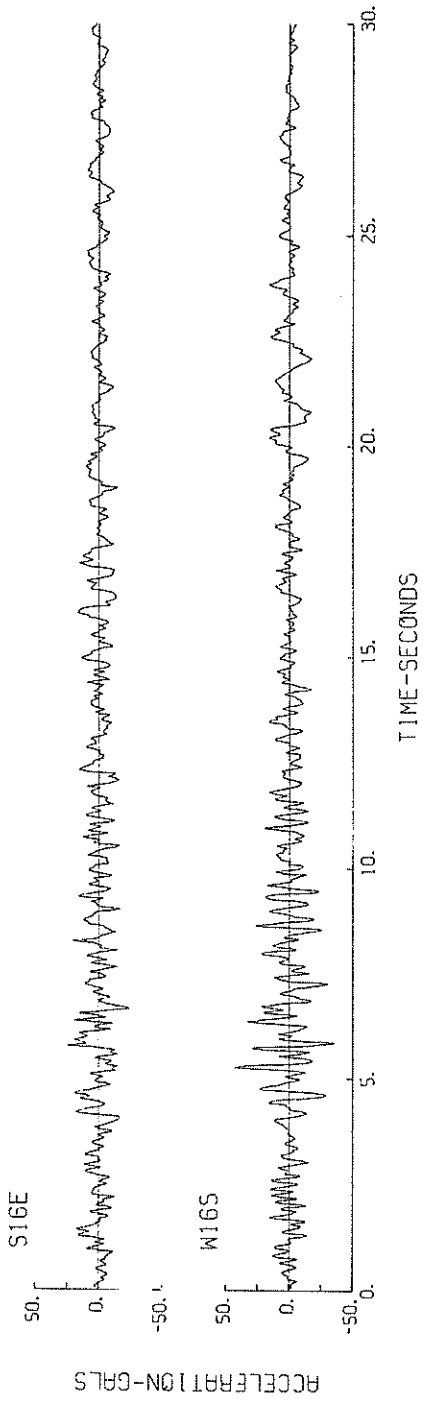
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*****
*
*   DATE AND TIME           12:24 JANUARY 14, 1978
*
*   LOCATION OF HYPOCENTER
*   EPICENTRAL REGION      NEAR OSHIMA
*   LATITUDE                34.8 N
*   LONGITUDE               139.3 E
*   DEPTH                   0 KM
*
*   MAGNITUDE              7.0
*
*****

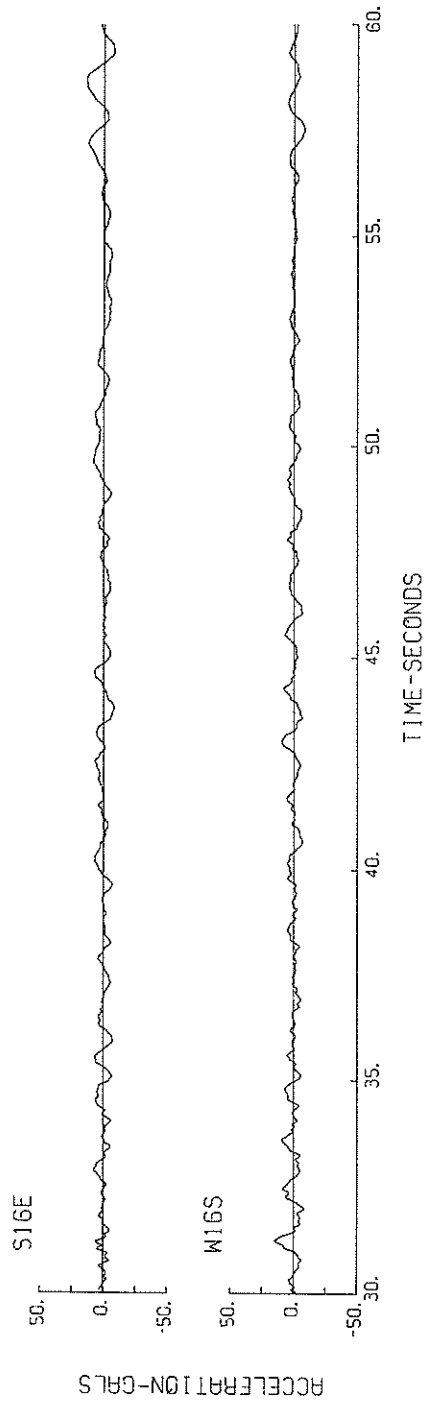
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PARAMETER OF THE VARIABLE FILTER	COMPONENT	
	S16E	W16S
FC (HZ)	0.061	0.067
MAXIMUM ACCELERATION (GAL)		
ORIGINAL	24.6	43.4
SMAC-B2 EQUIVALENT	18.8	34.0
CORRECTED	24.3	42.8
MAXIMUM VELOCITY (CM/SEC.)		
FIXED FILTER	7.21	3.78
VARIABLE FILTER	7.96	4.24
MAXIMUM DISPLACEMENT (CM)		
FIXED FILTER	5.59	1.79
VARIABLE FILTER	8.92	2.17

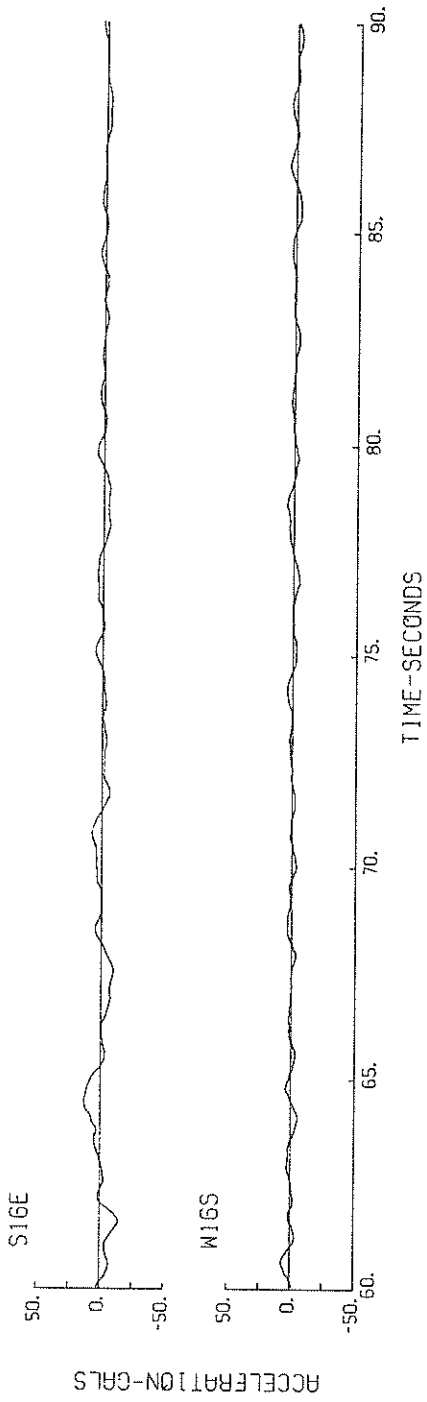
M-186 KAWASAKI-CHI-M



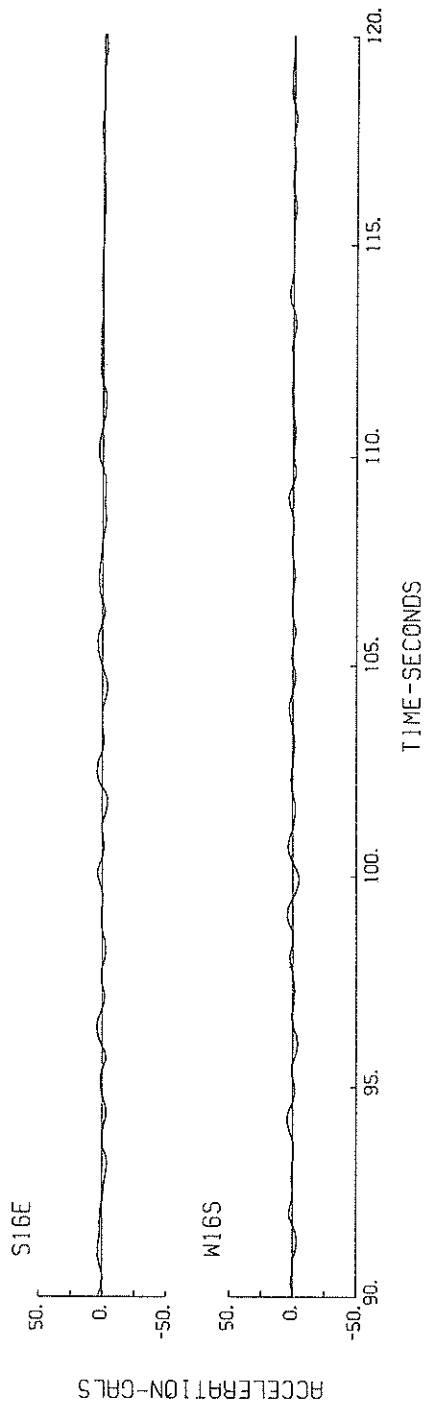
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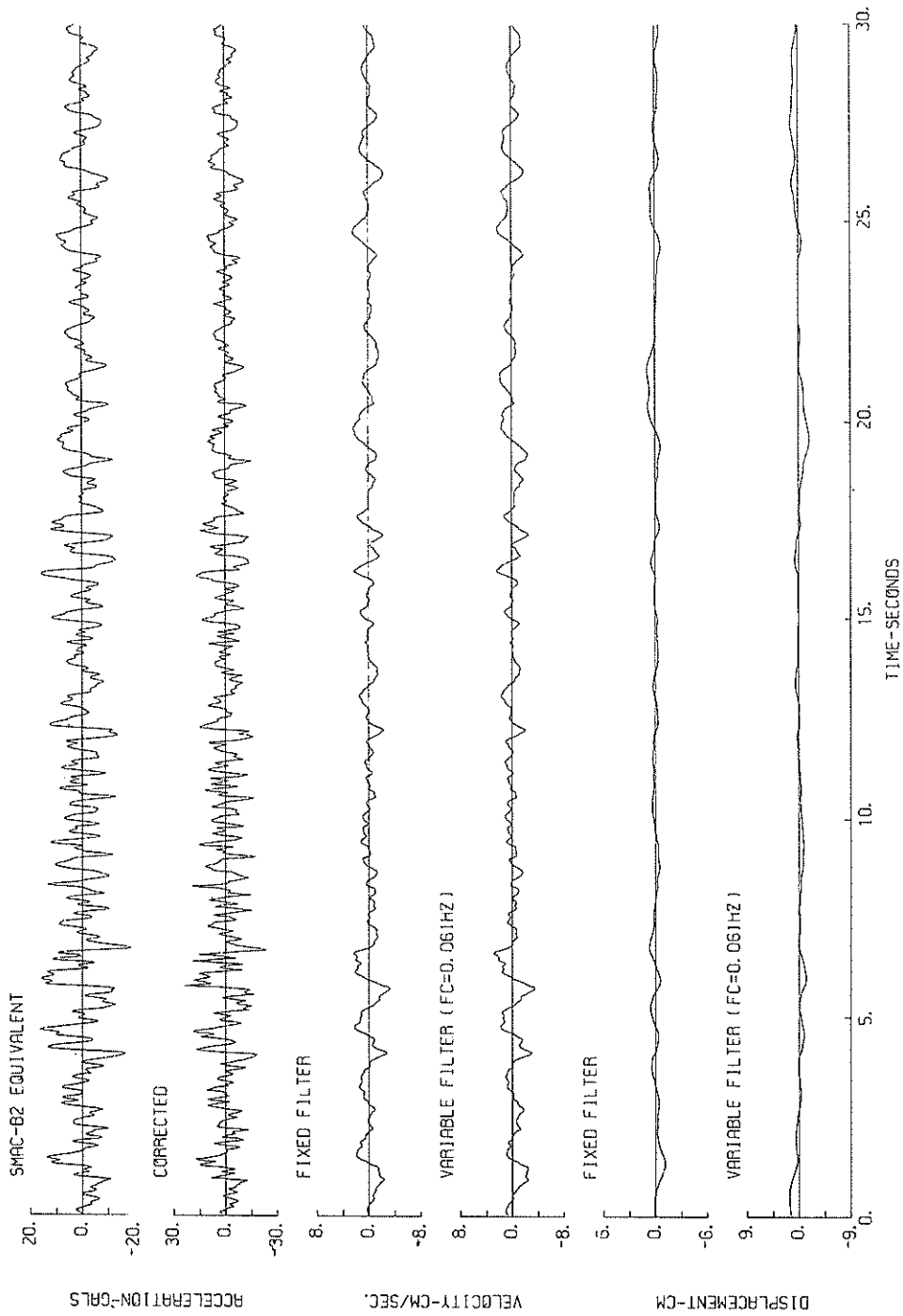


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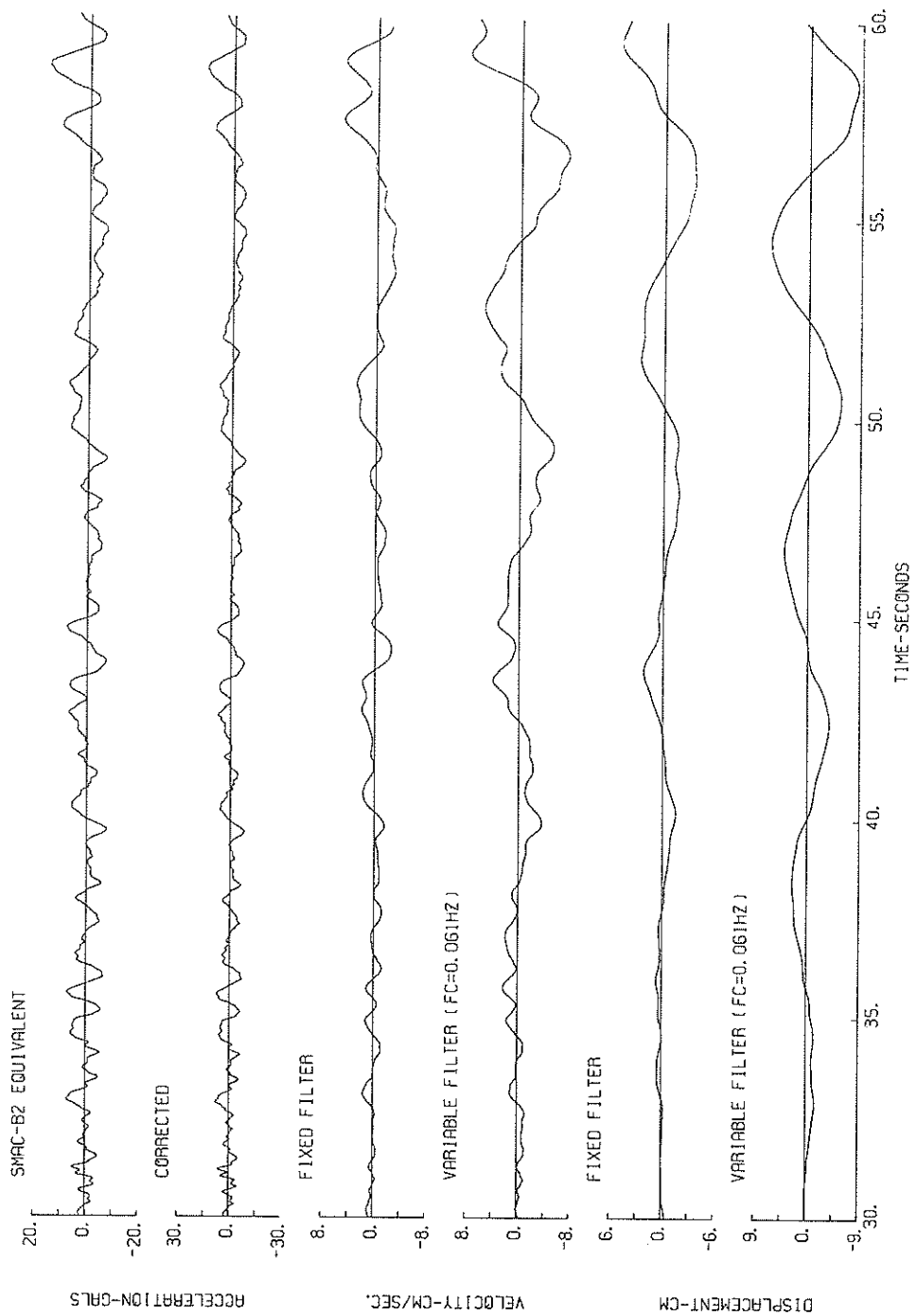




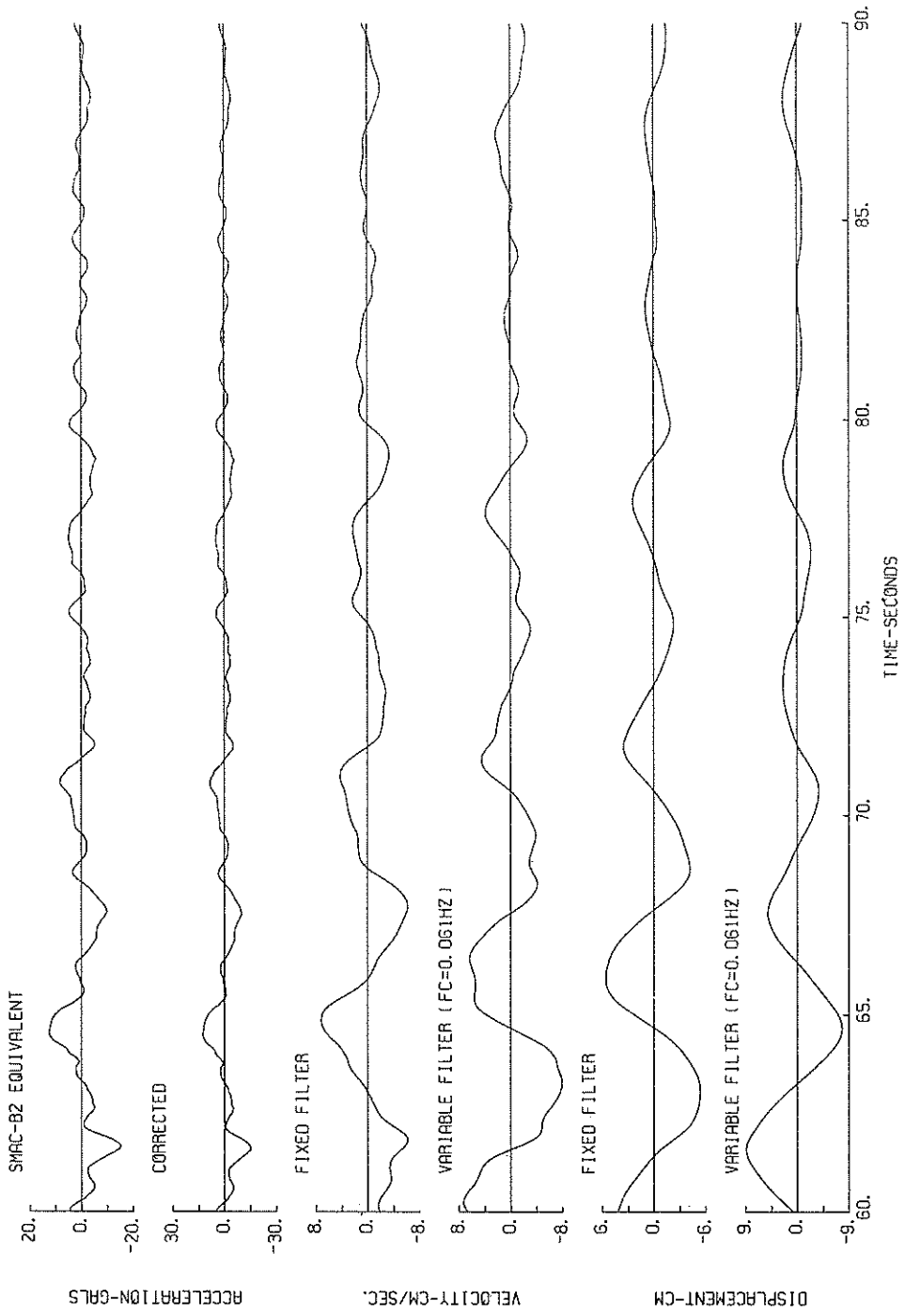
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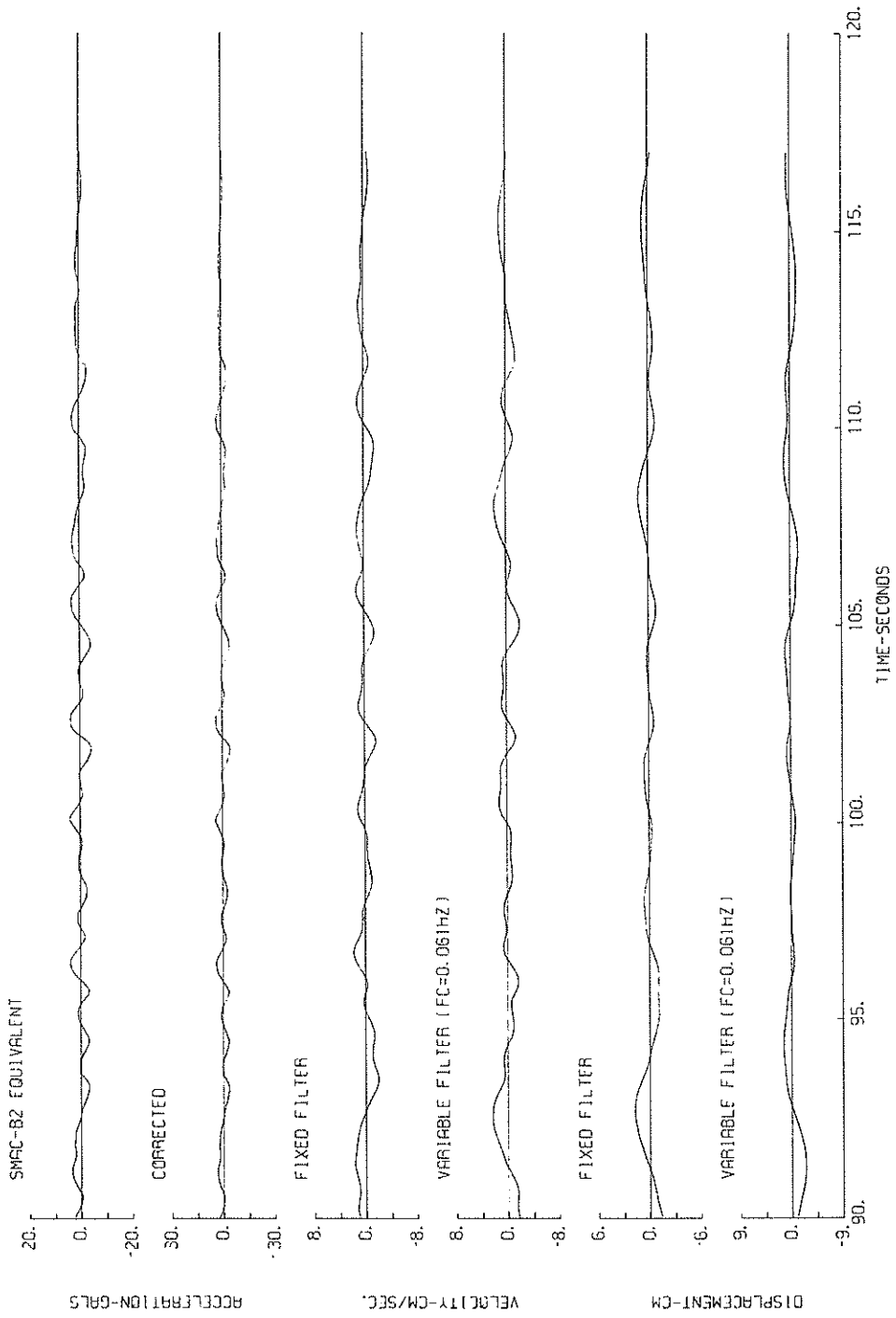
M-18G S16E KAWASAKI-CHI-M



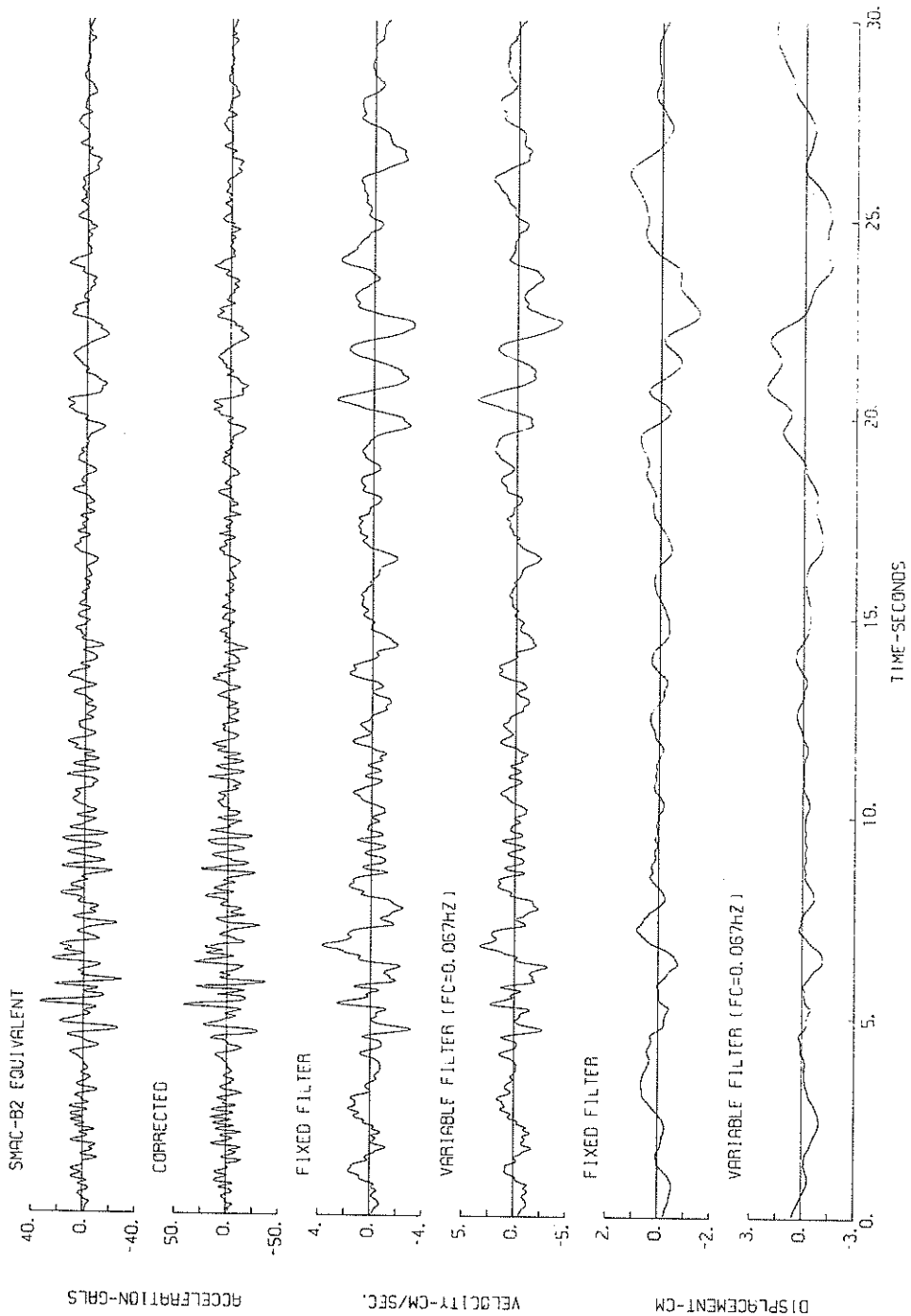
M-186 S16E KAWASAKI-CHI-M



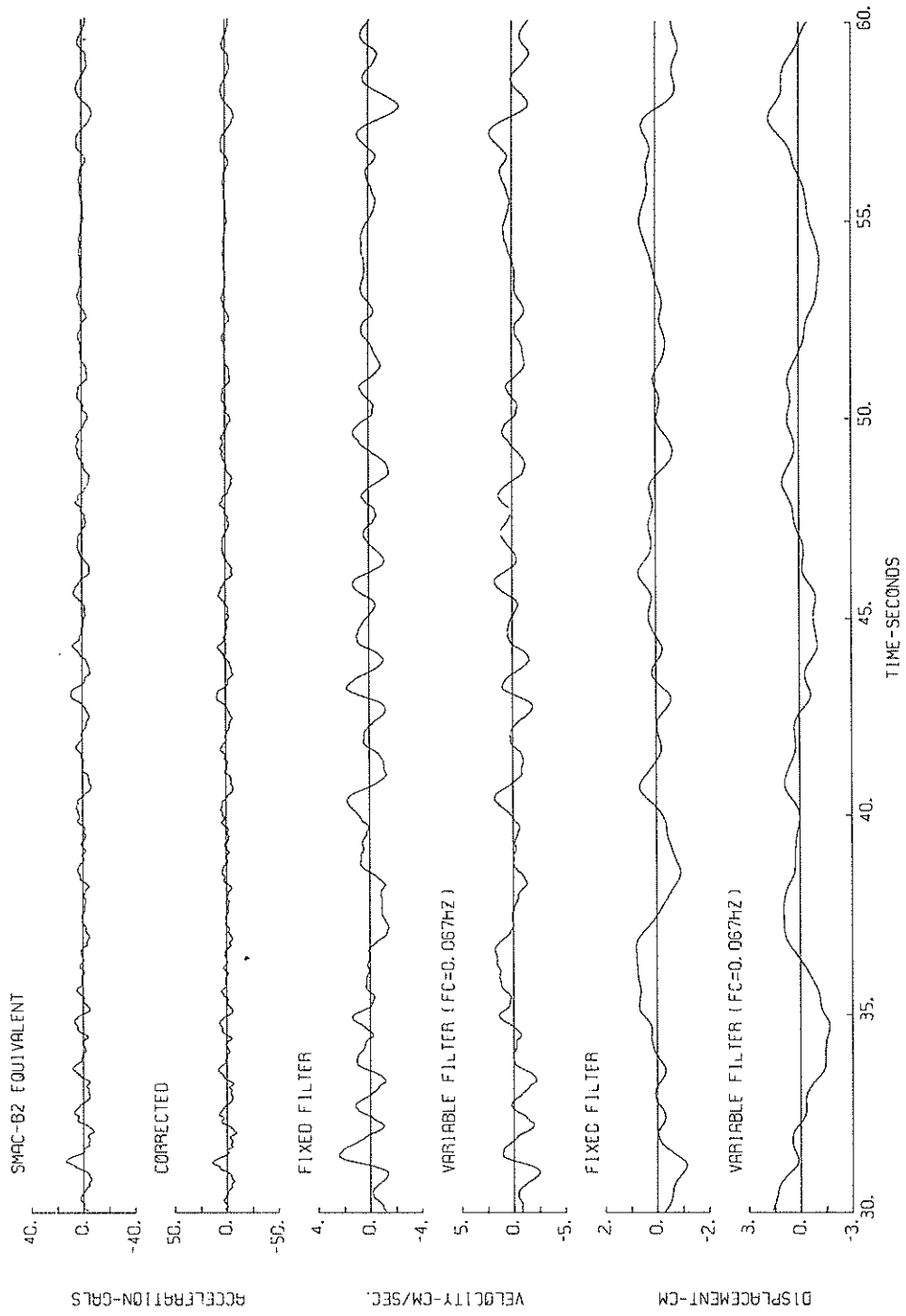
M-186 SIGE KAWASAKI-CHI-M



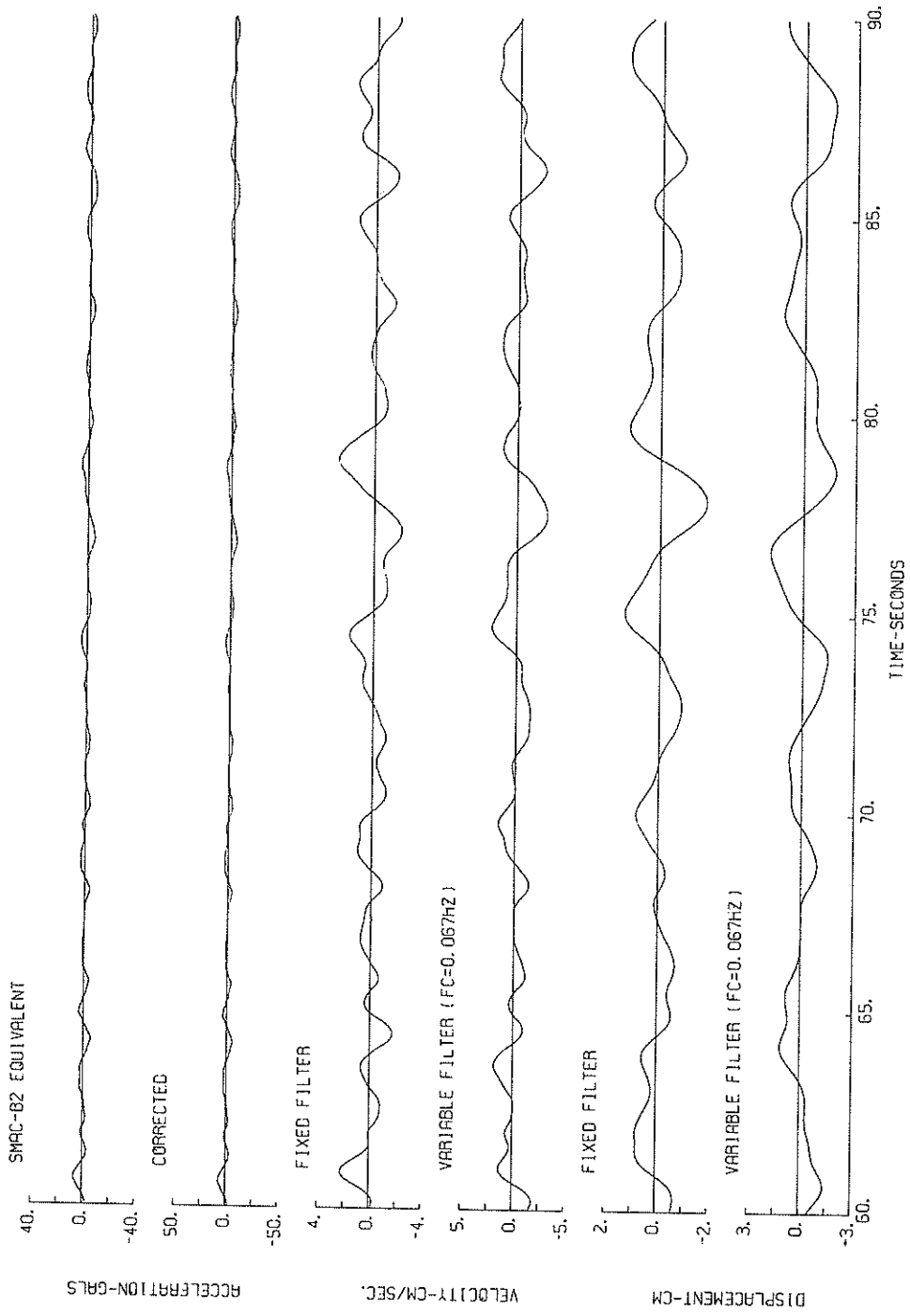
M-186 W16S KAWASAKI-CHI-M



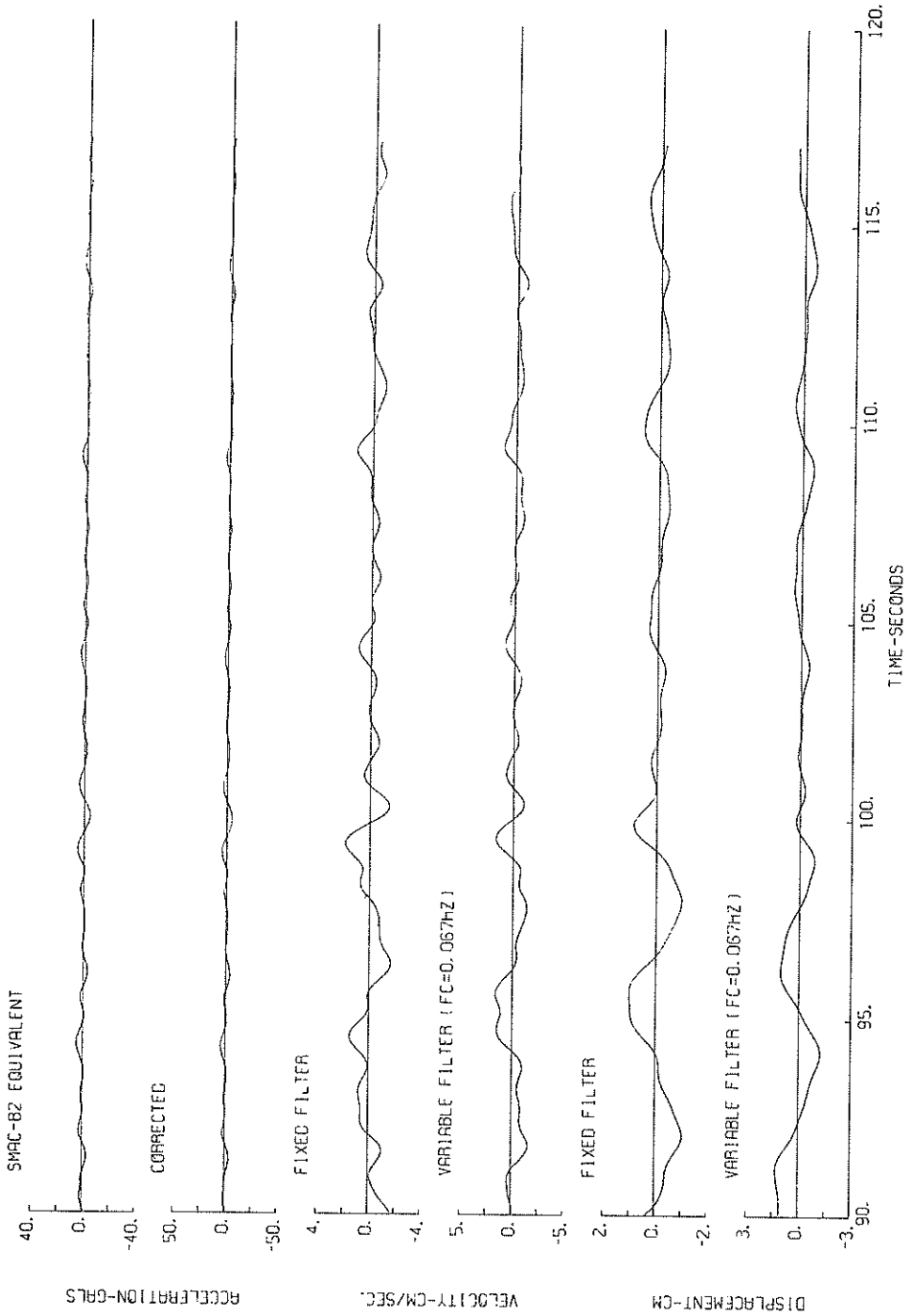
M-186 WIGS KAWASAKI-CHI-M



M-186 W16S KAWASAKI-CHI-M



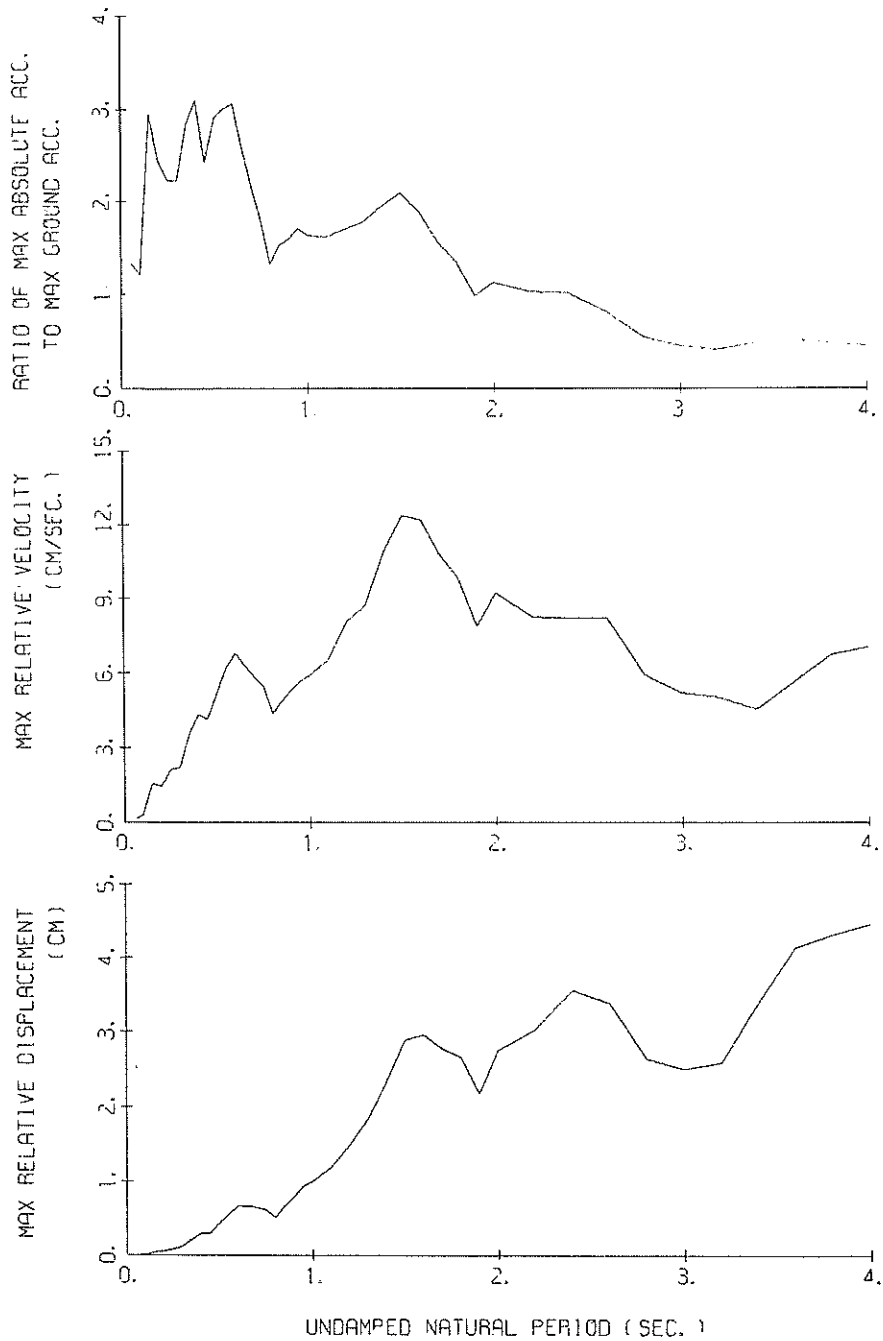
M-186 W16S KAWASAKI-CHI-M





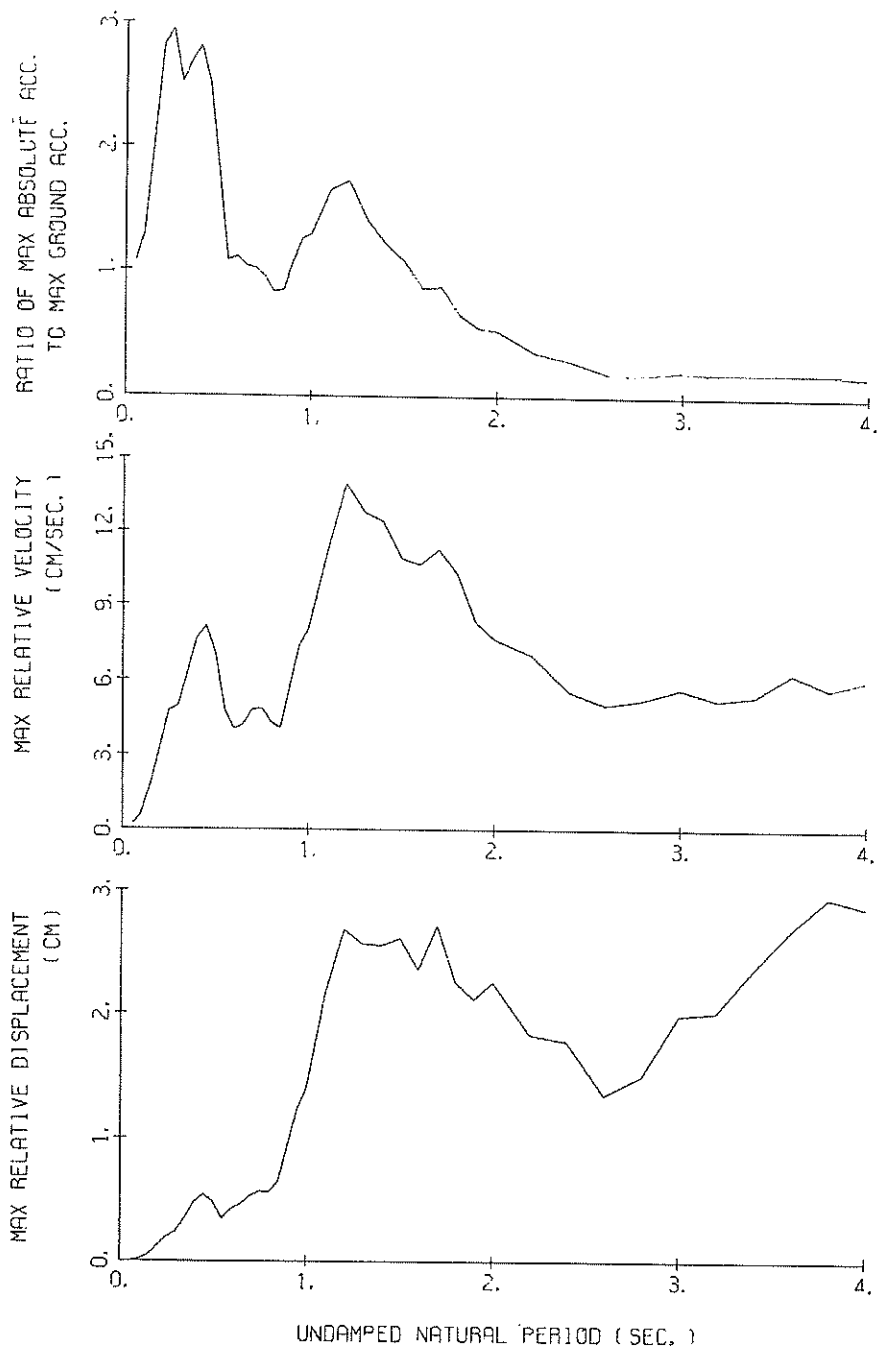
M-186 S1GE KAWASAKI-CHI-M

( $1/FC=16.4$  sec.)



RESPONSE SPECTRA (H=0.05)

M-186 W16S KAWASAKI-CHI-M  
 (1/FC=14.9 sec.)



RESPONSE SPECTRA (H=0.05)

RESPONSE SPECTRUM

RECORD = N-186 COMPONENT = S16E SIGNAL = GR.ACC. CORRECTION = STATION = KAWASAKI-CHI-M  
 DATE AND TIME = 1978-01-14-12-24 SAMPRING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 24.32 (GAL.)  
 TIME LENGTH = 60.00 (SEC) SKIPPED LENGTH = 1.00 (SEC)

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	43.6	0.24	0.003	34.1	0.13	0.002	32.4	0.10	0.002	32.1	0.09	0.002	29.6	0.08	0.002	29.6	0.08	0.002		
0.10	77.0	1.19	0.020	35.2	0.42	0.009	29.3	0.31	0.007	29.2	0.26	0.007	27.7	0.20	0.007	27.7	0.20	0.007		
0.15	184.5	4.27	0.105	67.0	2.16	0.055	71.7	1.58	0.041	48.0	0.99	0.027	32.8	0.71	0.036	32.8	0.71	0.036		
0.20	193.8	6.01	0.196	64.2	1.92	0.065	59.3	1.45	0.040	51.7	1.12	0.051	37.9	0.82	0.050	37.9	0.82	0.050		
0.25	132.8	5.03	0.210	73.1	2.92	0.115	54.2	2.12	0.085	43.4	1.31	0.066	33.7	0.82	0.050	33.7	0.82	0.050		
0.30	107.2	4.86	0.244	66.3	2.97	0.151	54.2	2.19	0.123	43.0	1.70	0.097	31.7	1.15	0.066	31.7	1.15	0.066		
0.35	122.9	6.36	0.381	87.3	4.64	0.271	68.9	3.54	0.213	48.0	2.45	0.147	31.4	1.47	0.088	31.4	1.47	0.088		
0.40	147.5	8.67	0.598	100.3	5.82	0.407	79.3	4.32	0.304	50.3	2.79	0.201	29.0	1.62	0.112	29.0	1.62	0.112		
0.45	265.4	18.35	1.362	88.9	5.98	0.455	59.1	4.11	0.301	41.0	2.84	0.207	29.0	1.73	0.134	29.0	1.73	0.134		
0.50	246.7	19.40	1.562	103.7	7.83	0.657	70.6	5.20	0.446	47.2	3.46	0.294	28.0	2.00	0.159	28.0	2.00	0.159		
0.55	216.0	18.41	1.655	101.5	8.55	0.776	73.1	6.19	0.557	47.3	4.07	0.357	27.8	2.17	0.199	27.8	2.17	0.199		
0.60	223.6	20.78	2.039	102.0	9.33	0.928	74.4	6.79	0.675	49.7	4.57	0.446	27.8	2.24	0.235	27.8	2.24	0.235		
0.65	196.0	19.49	2.098	87.2	8.64	0.931	62.9	6.26	0.670	43.5	4.27	0.458	27.0	2.16	0.266	27.0	2.16	0.266		
0.70	185.9	19.83	2.308	71.5	7.32	0.886	52.8	5.81	0.652	38.0	4.31	0.462	26.1	2.18	0.295	26.1	2.18	0.295		
0.75	108.0	12.47	1.539	50.8	6.26	0.723	43.6	5.46	0.618	32.3	3.99	0.450	25.2	2.28	0.325	25.2	2.28	0.325		
0.80	95.8	10.90	1.533	35.6	4.57	0.578	32.0	4.35	0.516	24.4	3.81	0.483	24.4	2.42	0.366	24.4	2.42	0.366		
0.85	150.4	24.03	3.484	52.1	6.85	0.952	37.1	4.88	0.677	30.0	4.02	0.537	23.9	2.58	0.405	23.9	2.58	0.405		
0.90	92.8	12.89	1.904	50.6	7.02	1.037	38.4	5.30	0.789	30.0	4.19	0.601	23.7	2.73	0.446	23.7	2.73	0.446		
0.95	115.6	17.15	2.642	49.8	7.07	1.137	41.3	5.68	0.941	30.9	4.20	0.696	23.6	2.87	0.490	23.6	2.87	0.490		
1.00	72.4	11.37	1.835	45.5	6.99	1.152	39.6	5.89	0.998	31.1	4.65	0.774	23.7	2.97	0.539	23.7	2.97	0.539		
1.10	109.0	18.07	3.340	47.3	8.08	1.448	39.0	6.54	1.190	30.2	4.87	0.916	24.1	3.11	0.660	24.1	3.11	0.660		
1.20	136.8	25.69	4.991	64.0	12.64	2.333	41.2	8.07	1.494	33.5	4.88	1.209	24.3	3.72	0.829	24.3	3.72	0.829		
1.30	112.9	22.64	4.833	64.6	13.03	2.764	43.2	8.70	1.841	34.3	6.32	1.449	24.7	4.28	0.996	24.7	4.28	0.996		
1.40	102.1	22.97	5.069	56.5	13.28	2.800	47.4	10.91	2.342	35.5	7.71	1.726	24.9	4.69	1.152	24.9	4.69	1.152		
1.50	160.2	38.82	9.132	83.7	15.11	3.627	50.9	12.38	2.888	35.0	8.69	1.960	24.6	5.03	1.295	24.6	5.03	1.295		
1.60	186.5	48.07	12.093	58.1	15.18	3.761	45.9	12.21	2.960	33.5	9.43	2.136	24.8	5.24	1.419	24.8	5.24	1.419		
1.70	143.3	38.85	10.490	45.9	12.99	3.357	38.0	10.77	2.784	31.0	8.28	2.227	22.8	5.17	1.520	22.8	5.17	1.520		
1.80	100.9	29.64	8.281	39.4	11.99	3.232	32.5	9.79	2.656	27.8	7.94	2.235	21.5	5.01	1.599	21.5	5.01	1.599		
1.90	57.2	17.06	5.229	29.3	8.95	2.677	23.9	7.85	2.173	24.7	7.48	2.211	20.2	5.00	1.662	20.2	5.00	1.662		
2.00	93.7	30.22	9.493	35.1	12.12	3.557	27.3	9.19	2.749	23.5	7.41	2.332	18.9	4.91	1.709	18.9	4.91	1.709		
2.20	44.9	17.13	5.755	29.0	9.76	3.554	24.8	8.24	3.023	19.8	6.41	2.363	16.2	4.58	1.756	16.2	4.58	1.756		
2.40	30.8	11.39	4.490	32.0	11.14	4.664	24.4	8.17	4.269	13.9	5.75	2.429	13.9	4.21	1.773	13.9	4.21	1.773		
2.60	60.4	25.03	10.347	28.0	11.81	4.788	19.8	8.16	3.374	13.6	5.29	2.291	12.3	4.00	1.835	12.3	4.00	1.835		
2.80	20.8	9.31	4.140	14.7	6.60	2.916	13.3	5.90	2.635	11.3	4.87	2.199	11.3	3.91	1.957	11.3	3.91	1.957		
3.00	22.2	9.71	5.064	12.7	5.69	2.936	11.0	5.17	2.694	10.3	4.65	2.285	10.6	3.90	2.117	10.6	3.90	2.117		
3.20	10.9	5.85	2.820	9.4	5.29	2.448	10.0	5.00	2.581	10.7	4.84	2.603	10.2	3.95	2.320	10.2	3.95	2.320		
3.40	18.9	8.92	5.535	13.0	5.02	3.788	11.4	4.53	3.387	10.7	4.33	3.047	9.9	4.06	2.580	9.9	4.06	2.580		
3.60	14.1	7.68	4.624	13.9	5.29	3.757	12.7	5.64	4.130	10.9	5.08	3.469	9.9	4.34	2.905	9.9	4.34	2.905		
3.80	21.1	13.07	7.713	13.3	8.02	4.871	11.8	6.71	4.308	10.3	5.61	3.654	10.0	4.61	3.288	10.0	4.61	3.288		
4.00	14.3	9.24	5.810	12.5	7.81	4.995	11.1	7.03	4.451	10.1	5.91	4.010	10.2	4.86	3.710	10.2	4.86	3.710		

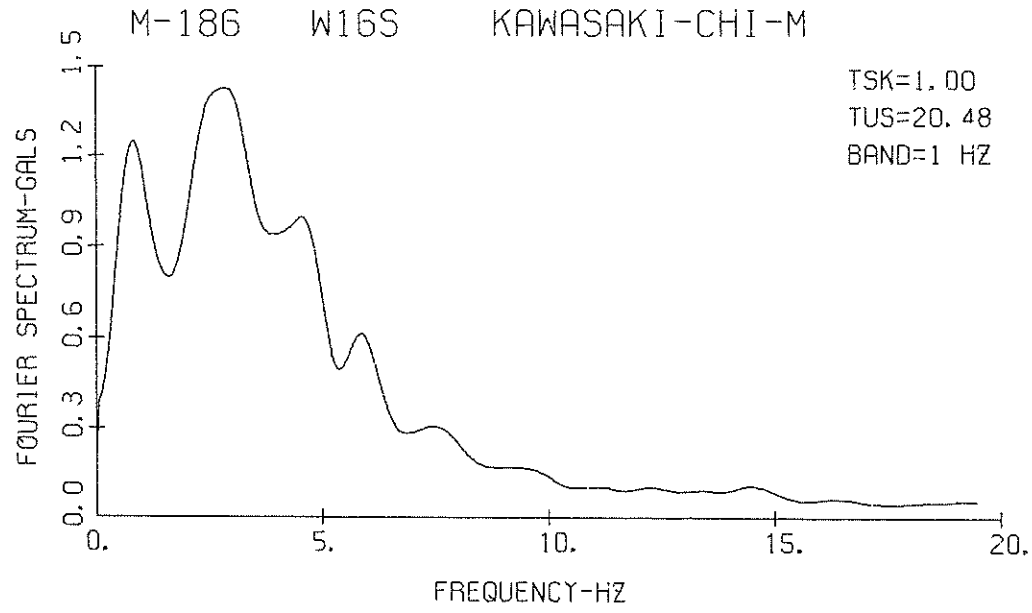
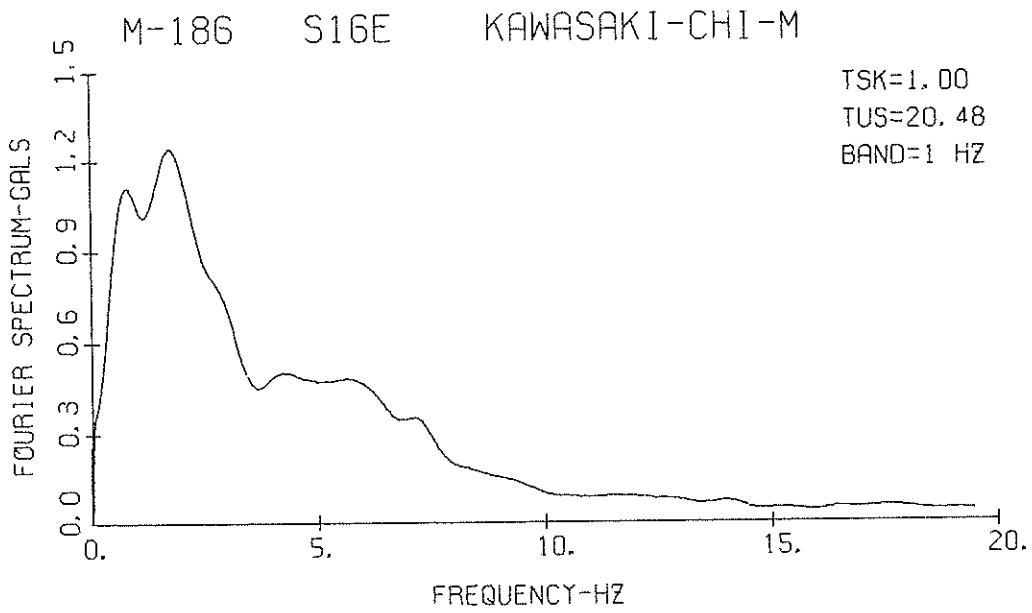
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = M-186  
 DATE AND TIME = 1978-01-14-12-24  
 TIME LENGTH = 60.00 (SEC)  
 COMPONENT = W1&S  
 SIGNAL = GR-ACC.  
 SAMPLING INTERVAL = 0.0100(SEC)  
 SKIPPED LENGTH = 1.00 (SEC)  
 CORRECTION = MAX.GROUND ACC. = 42.79 (GAL)  
 STATION = KAWASAKI-CHI-M

PER	DAMPING = 0.				DAMPING = 0.025				DAMPING = 0.050				DAMPING = 0.100				DAMPING = 0.250			
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD		
0.05	75.7	0.34	0.005	47.3	0.16	0.003	45.1	0.16	0.003	44.5	0.17	0.003	44.7	0.15	0.003					
0.10	123.9	1.76	0.031	58.2	0.77	0.015	55.5	0.60	0.014	53.1	0.47	0.013	50.5	0.39	0.012					
0.15	158.6	3.34	0.090	76.0	1.91	0.055	87.9	1.43	0.050	72.5	1.42	0.041	57.7	0.94	0.032					
0.20	229.1	7.10	0.232	141.1	3.82	0.143	121.0	3.23	0.123	98.4	2.67	0.098	65.7	1.43	0.062					
0.25	251.0	9.77	0.397	166.4	6.48	0.262	125.9	4.77	0.198	87.5	3.23	0.136	60.5	1.91	0.088					
0.30	233.9	14.03	0.533	129.7	6.10	0.295	108.0	4.56	0.244	78.6	3.63	0.176	51.4	2.09	0.106					
0.35	275.4	15.24	0.858	156.0	8.71	0.484	77.1	6.31	0.356	60.9	4.20	0.235	49.4	2.53	0.139					
0.40	248.3	15.44	0.998	167.4	10.82	0.678	120.4	7.84	0.486	80.9	4.95	0.321	50.8	2.90	0.182					
0.45	218.3	13.19	1.120	136.2	10.35	0.896	107.4	8.15	0.549	80.2	5.83	0.402	48.6	2.98	0.215					
0.50	136.6	10.74	0.865	97.5	8.37	0.617	77.7	7.05	0.488	58.6	5.33	0.362	40.3	3.12	0.215					
0.55	86.9	7.91	0.666	54.6	5.67	0.417	46.1	4.79	0.351	38.4	4.07	0.285	31.9	2.99	0.204					
0.60	168.3	15.62	1.535	64.8	5.82	0.591	47.5	4.02	0.430	31.9	3.17	0.285	26.1	2.77	0.200					
0.65	131.3	13.39	1.405	61.1	5.81	0.653	44.3	4.21	0.472	29.7	3.20	0.314	23.9	2.56	0.246					
0.70	112.2	12.47	1.393	58.1	5.82	0.720	43.4	4.82	0.537	32.7	3.48	0.402	25.4	2.37	0.299					
0.75	70.9	8.49	1.010	55.0	6.53	0.782	48.5	4.84	0.574	33.1	3.25	0.466	26.7	2.28	0.356					
0.80	141.2	17.26	2.280	44.0	5.95	0.712	35.2	4.31	0.566	31.9	3.21	0.511	27.7	2.56	0.417					
0.85	77.6	10.28	1.425	39.8	4.97	0.728	35.9	4.09	0.655	34.9	3.80	0.630	28.6	2.87	0.483					
0.90	75.5	10.51	1.548	51.5	6.47	1.055	45.9	5.75	0.938	39.7	4.70	0.802	29.4	3.20	0.554					
0.95	129.4	19.46	2.959	61.9	8.86	1.414	53.8	7.38	1.224	43.8	5.54	0.984	30.0	3.53	0.625					
1.00	76.4	11.98	1.934	60.9	9.21	1.541	55.4	8.04	1.399	46.0	6.13	1.147	30.1	3.82	0.694					
1.10	239.1	41.39	7.330	91.3	15.09	2.795	70.8	11.16	2.161	49.3	7.73	1.488	29.3	4.30	0.811					
1.20	238.8	45.47	8.709	96.6	18.28	3.518	73.8	13.96	2.679	51.7	9.65	1.852	29.0	4.89	0.961					
1.30	149.6	31.02	6.406	64.6	14.27	2.762	60.0	12.81	2.588	46.9	9.96	1.970	27.7	5.05	1.062					
1.40	153.6	34.41	7.627	66.3	15.71	3.285	51.7	12.63	2.550	41.0	9.36	1.987	25.1	5.11	1.107					
1.50	96.5	23.43	5.498	56.7	13.62	3.228	46.0	10.90	2.607	33.8	8.35	1.874	22.1	5.16	1.097					
1.60	82.5	21.45	5.349	48.3	13.20	3.128	36.4	10.65	2.357	27.8	7.78	1.751	19.0	5.24	1.044					
1.70	101.9	27.90	7.457	55.2	15.98	4.034	37.3	11.27	2.714	23.6	7.50	1.683	16.9	5.15	1.019					
1.80	77.3	22.54	6.343	40.8	13.75	3.341	27.7	10.26	2.254	20.1	7.19	1.613	15.3	4.98	1.049					
1.90	57.5	17.34	5.260	27.4	9.54	2.500	23.2	8.33	2.114	19.1	6.74	1.713	13.9	4.78	1.047					
2.00	32.6	12.58	3.306	26.2	9.05	2.649	22.4	7.65	2.254	17.6	6.21	1.750	12.7	4.54	1.074					
2.20	28.3	10.80	3.473	18.8	7.84	2.261	15.1	7.03	1.834	12.6	5.93	1.510	10.2	4.38	1.043					
2.40	24.2	9.84	3.531	14.5	5.96	2.115	12.3	5.56	1.779	9.8	5.13	1.387	8.3	4.26	0.982					
2.60	21.9	9.47	3.755	11.1	5.49	1.905	8.0	5.03	1.549	6.9	4.74	1.140	7.7	4.19	0.975					
3.00	18.2	8.77	4.074	10.4	5.62	2.062	7.7	5.24	1.501	7.0	4.89	1.313	7.1	4.17	1.029					
3.20	16.5	8.45	4.222	10.2	5.66	2.650	8.8	5.66	1.991	6.5	4.86	1.436	6.5	4.09	1.060					
3.40	12.7	6.45	3.714	10.2	5.87	2.995	6.1	5.41	2.363	6.1	4.73	1.722	5.4	3.97	1.177					
3.60	27.7	14.80	9.096	12.0	7.80	3.925	8.2	6.30	2.687	5.6	4.95	1.741	5.0	4.10	1.239					
3.80	12.9	9.24	4.707	10.3	7.13	3.768	8.1	5.69	2.945	5.4	4.90	1.900	4.6	4.22	1.273					
4.00	14.1	10.84	5.703	9.1	7.72	3.698	7.1	6.05	2.863	5.0	5.03	1.995	4.3	4.32	1.278					

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



FOURIER SPECTRA

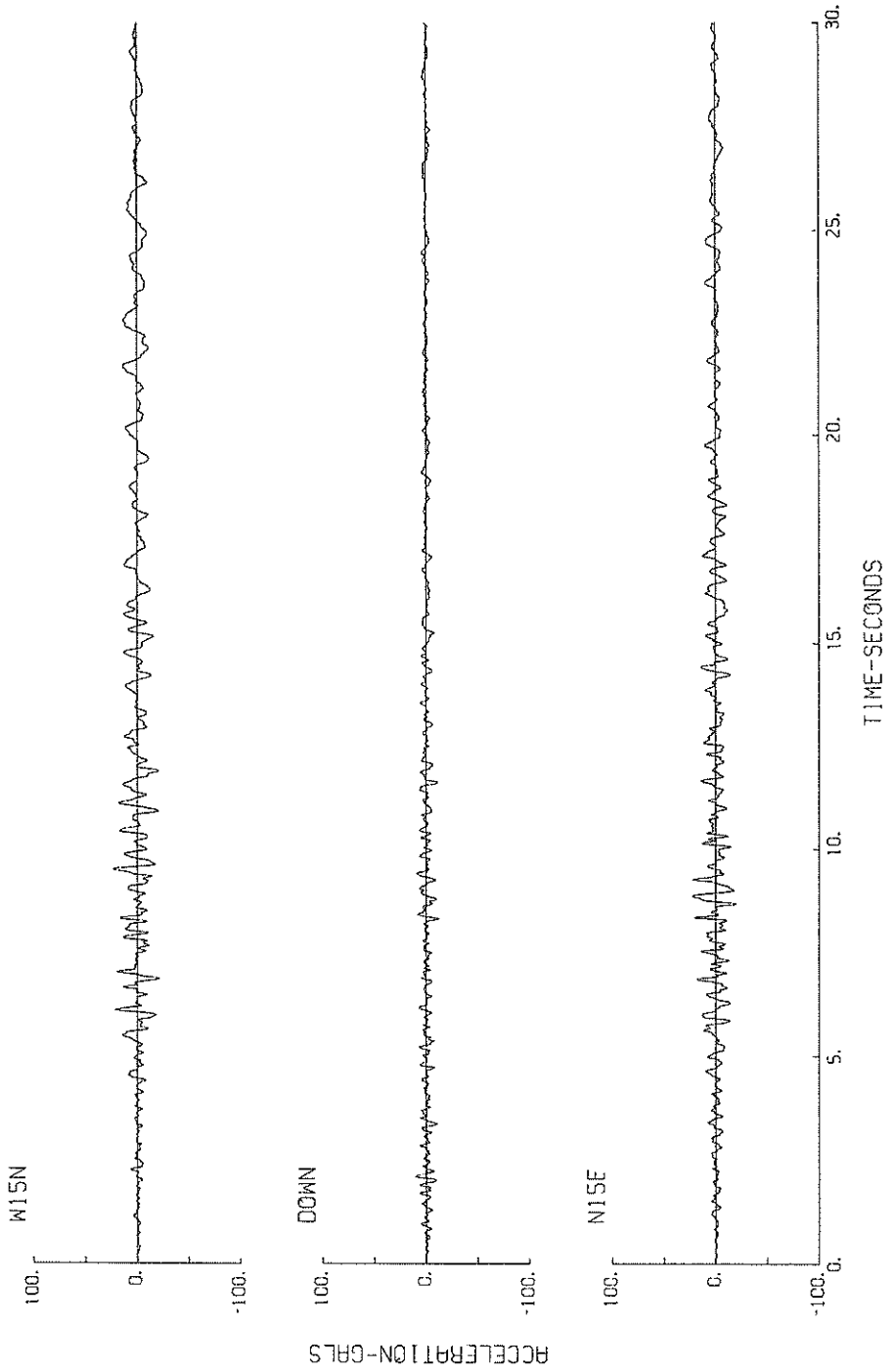
RECORD NUMBER S-1055  
 STATION TAGONOURA-S

EARTHQUAKE DATA

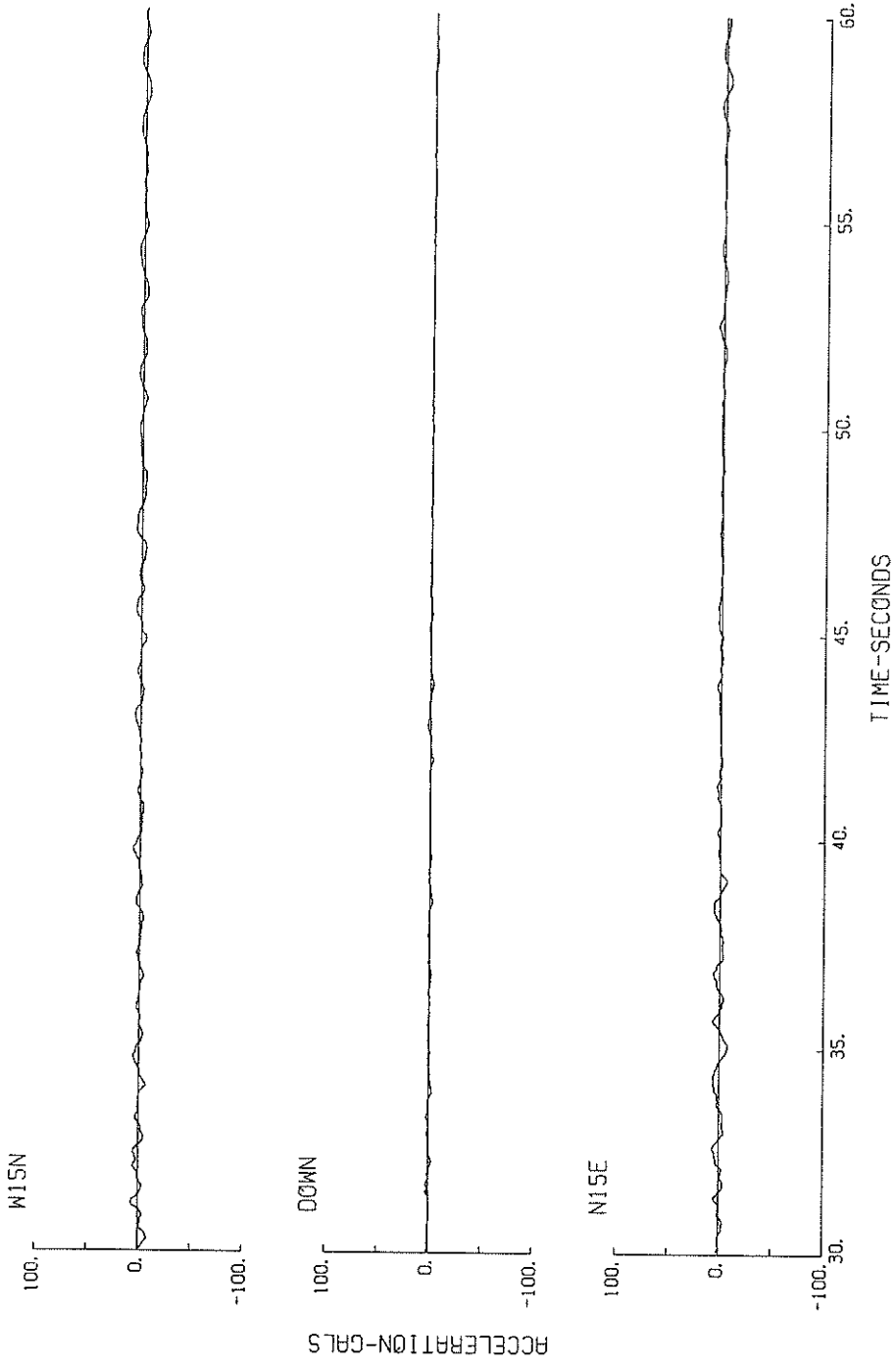
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*****
*
* DATE AND TIME 07:31 JANUARY 15,1978 *
*
* LOCATION OF HYPOCENTER *
* EPICENTRAL REGION CENTRAL IZU PEN. *
* LATITUDE 34.8 N *
* LONGITUDE 138.9 E *
* DEPTH 20 KM *
*
* MAGNITUDE 5.8 *
*
*****
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PARAMETER OF THE VARIABLE FILTER	COMPONENT		
	W15N	N15E	DOWN
FC (HZ)	0.313	0.380	0.686
MAXIMUM ACCELERATION (GAL)			
ORIGINAL	23.4	23.1	12.5
SMAC-B2 EQUIVALENT			
CORRECTED	33.2	39.4	19.8
MAXIMUM VELOCITY (CM/SEC.)			
FIXED FILTER	2.86	2.39	0.96
VARIABLE FILTER	2.76	1.89	0.75
MAXIMUM DISPLACEMENT (CM)			
FIXED FILTER	1.11	0.92	0.47
VARIABLE FILTER	0.63	0.40	0.07

S-1055 TACONOURA-S

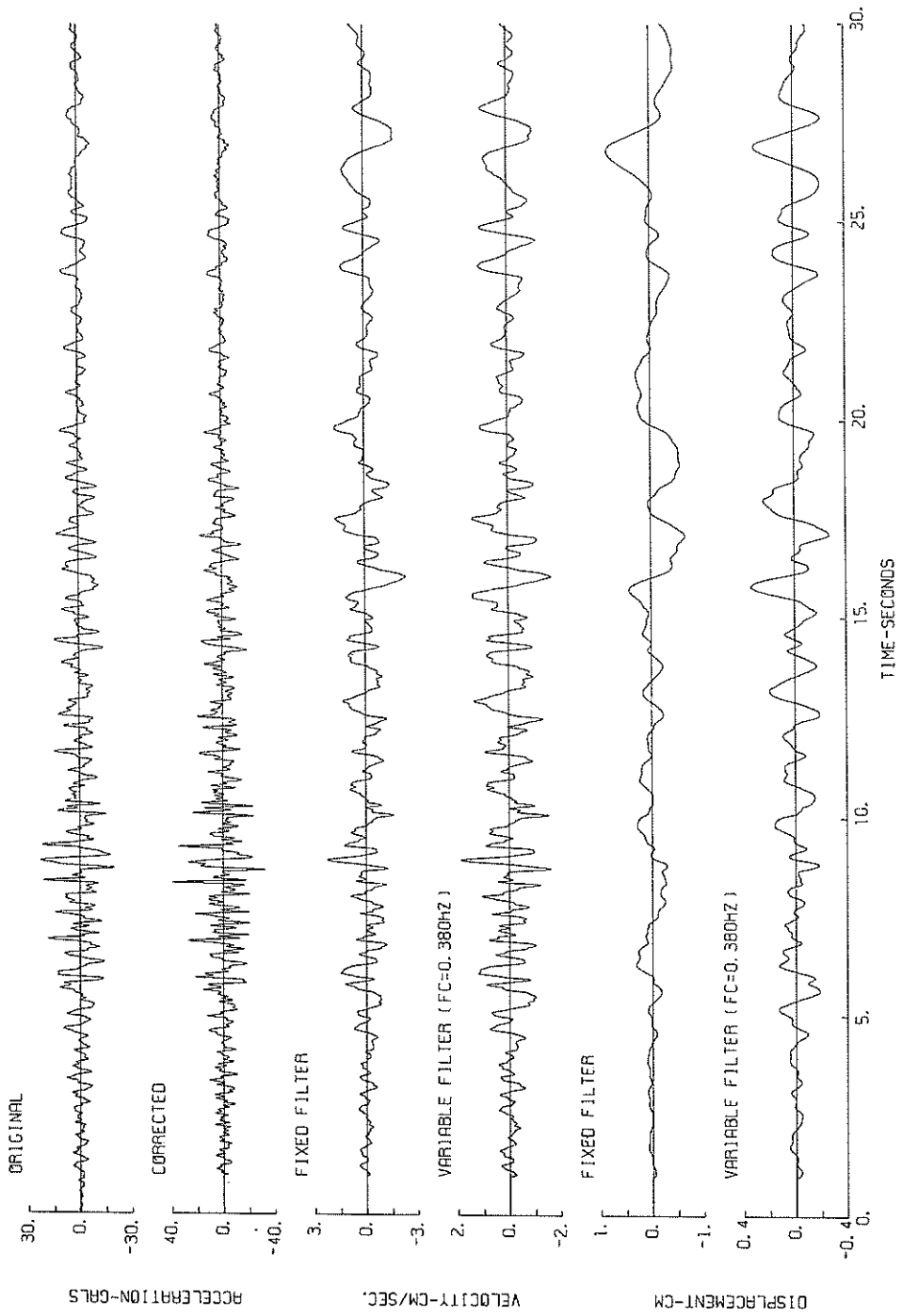


S-1055 TAGONOURA-S

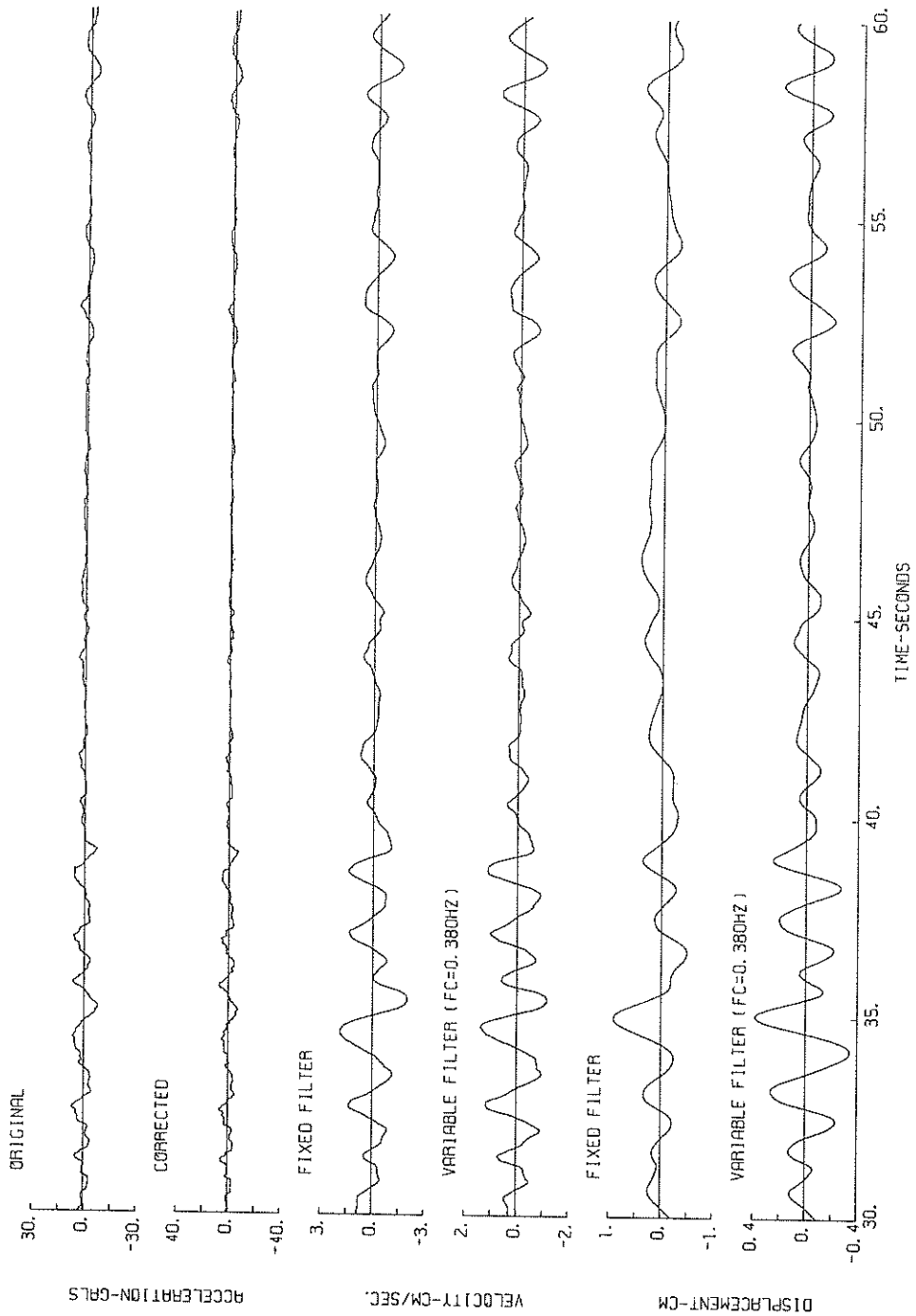




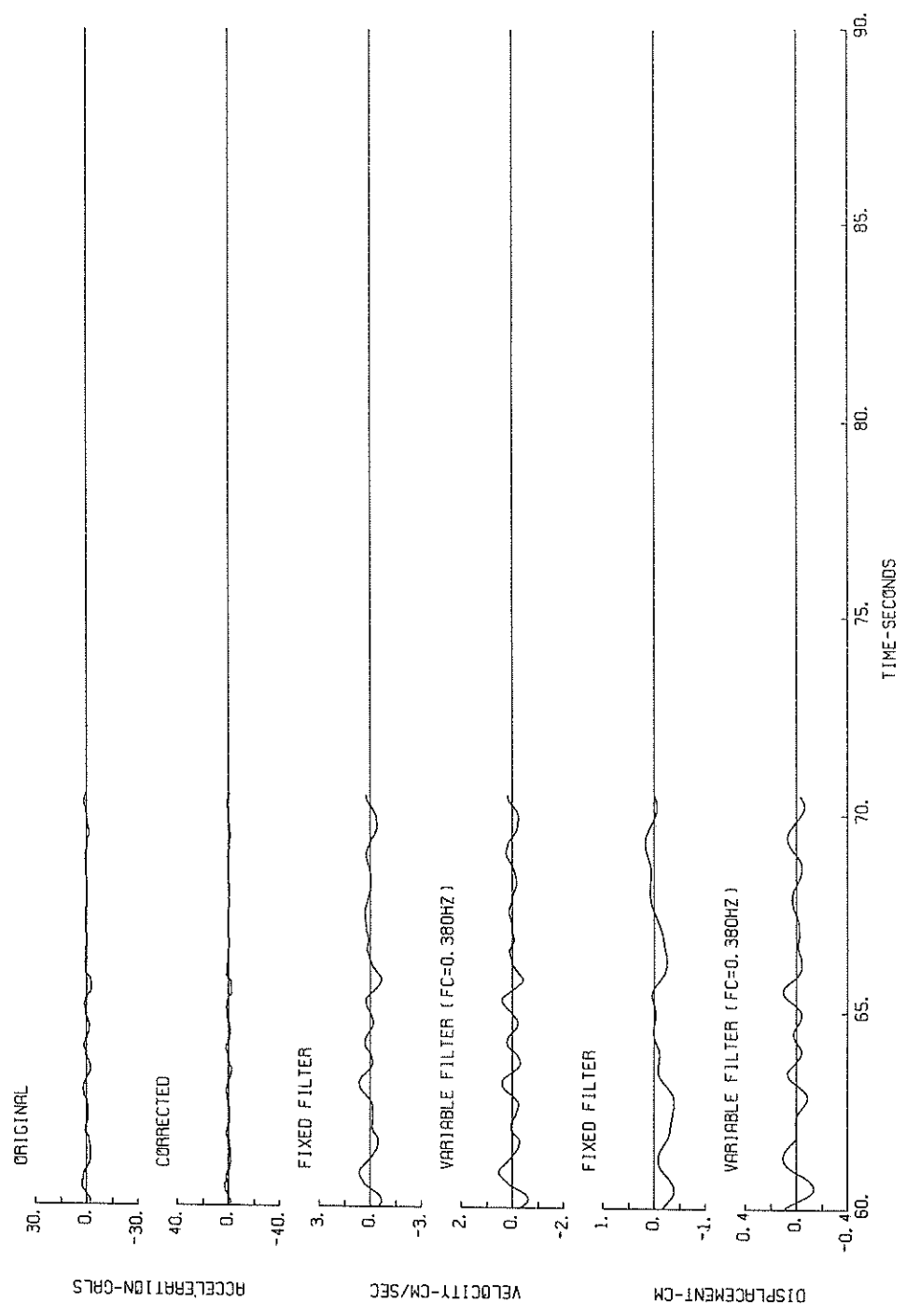
S-1055 N15E TAGONOURA-S



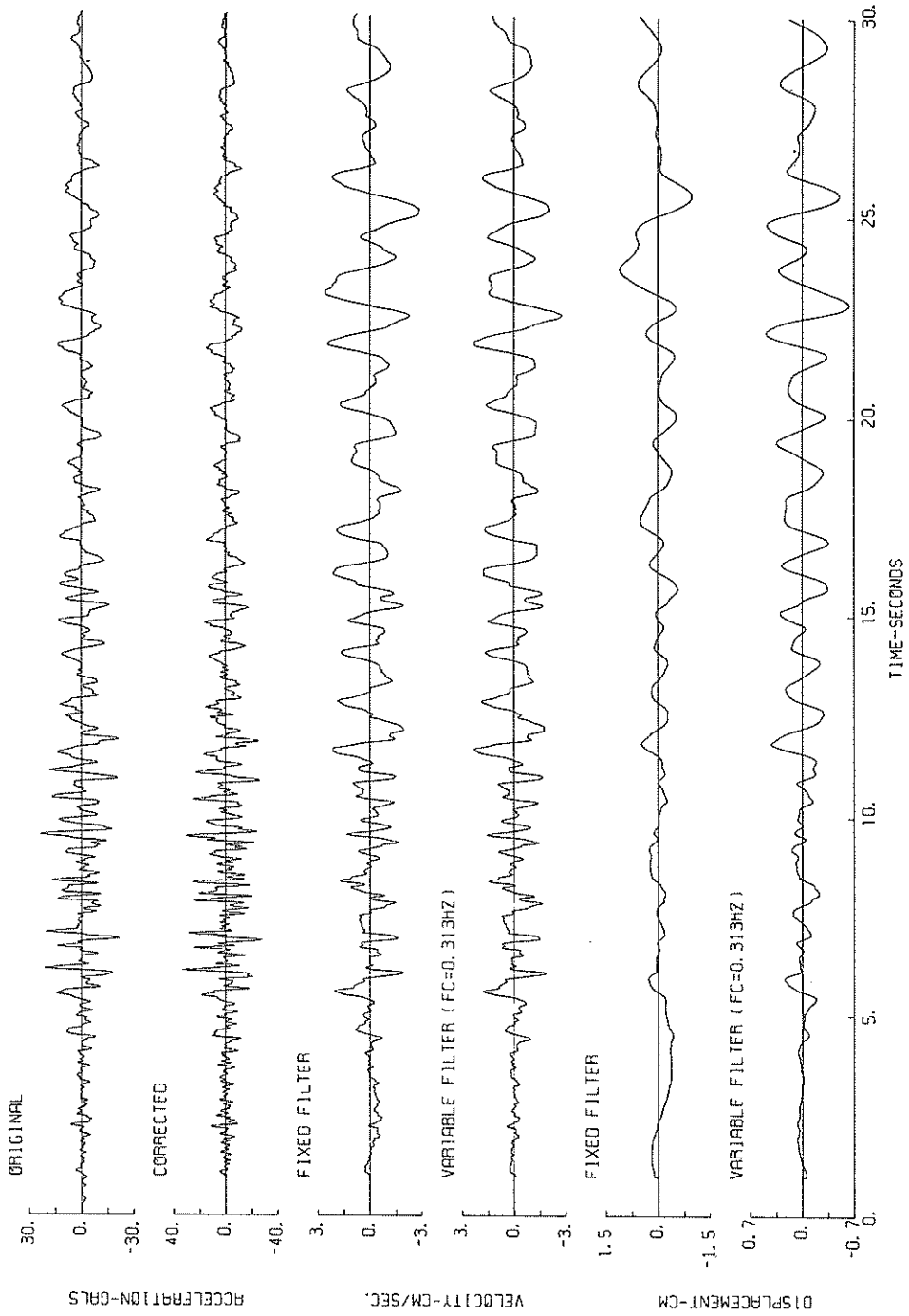
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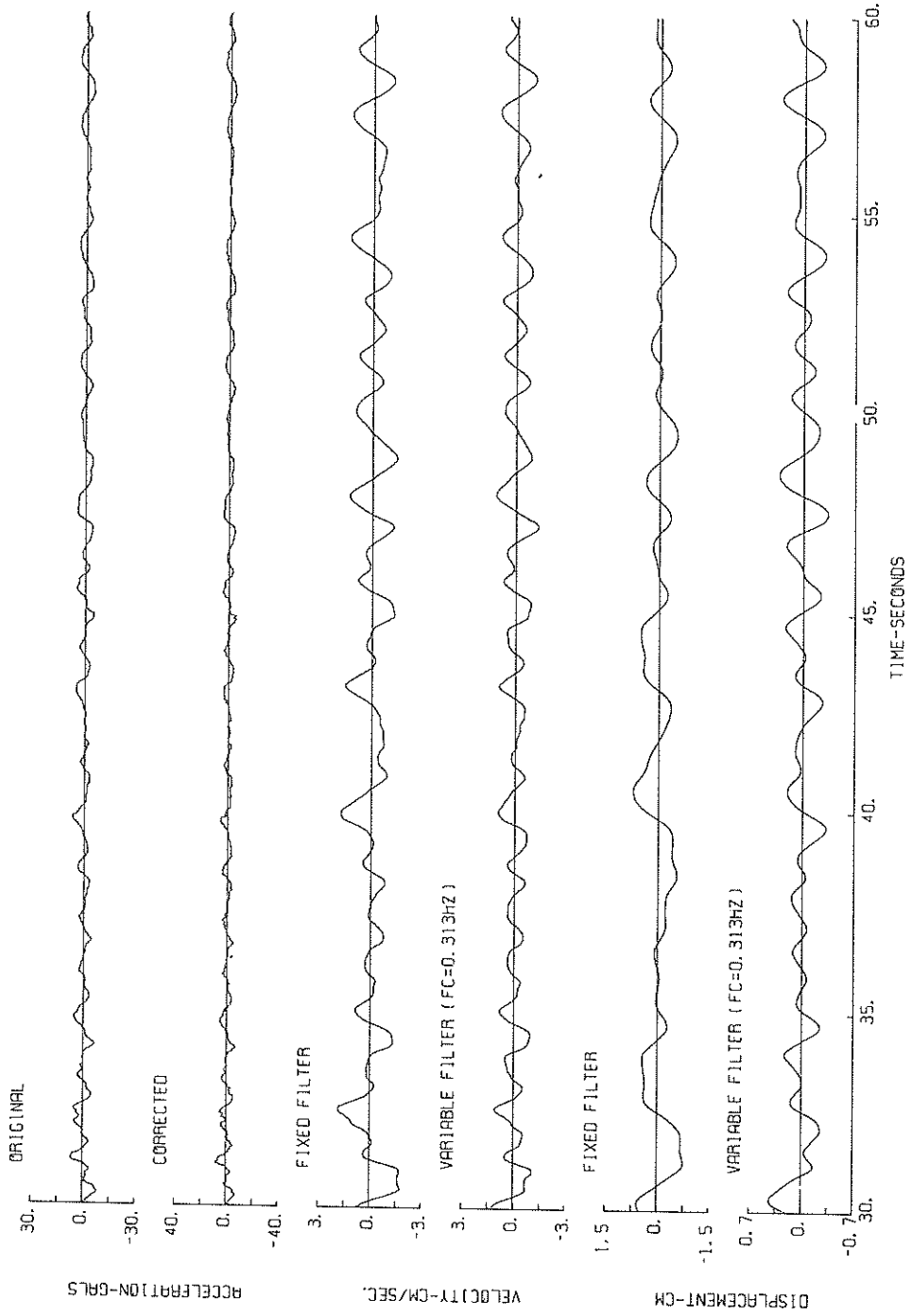
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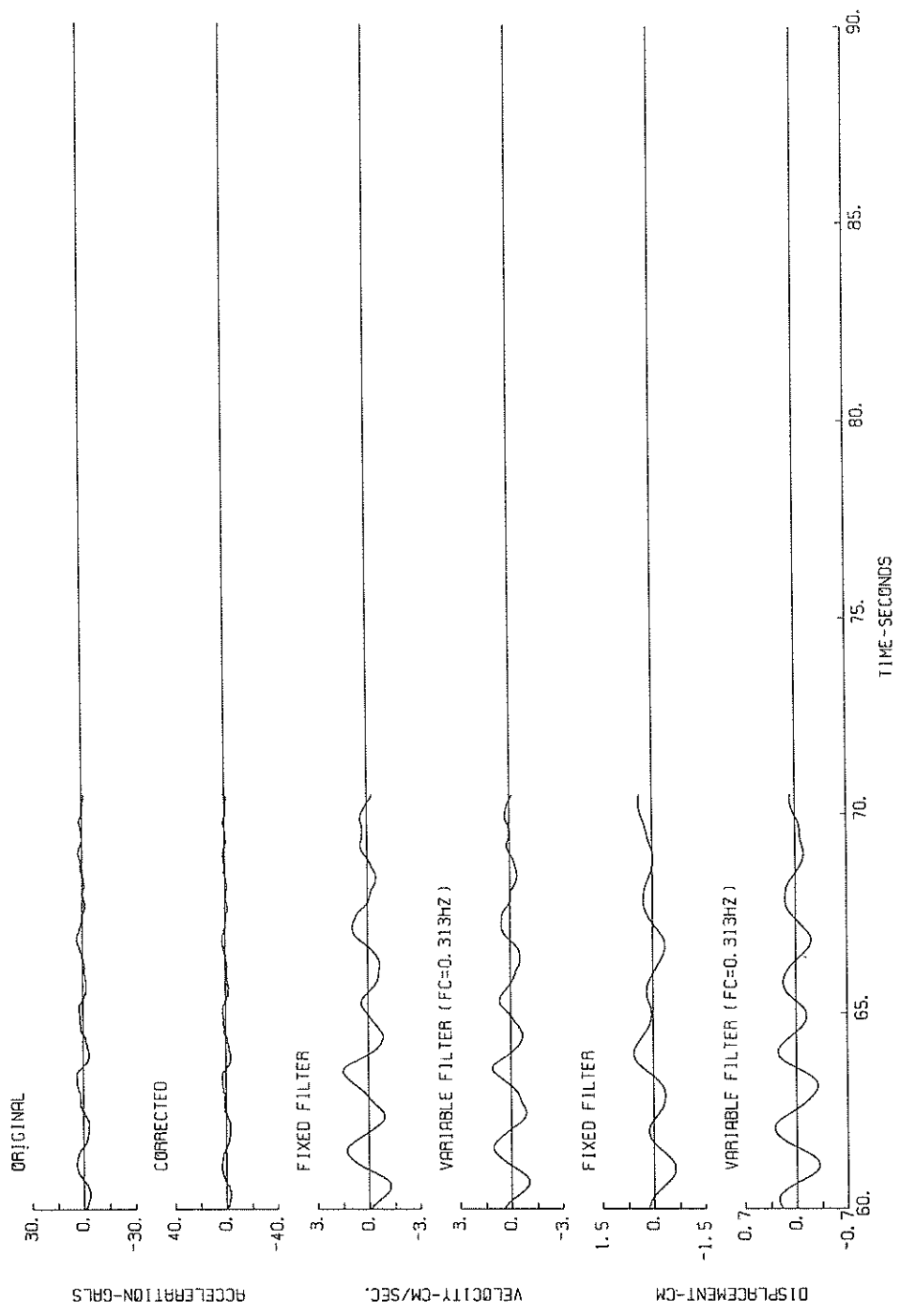
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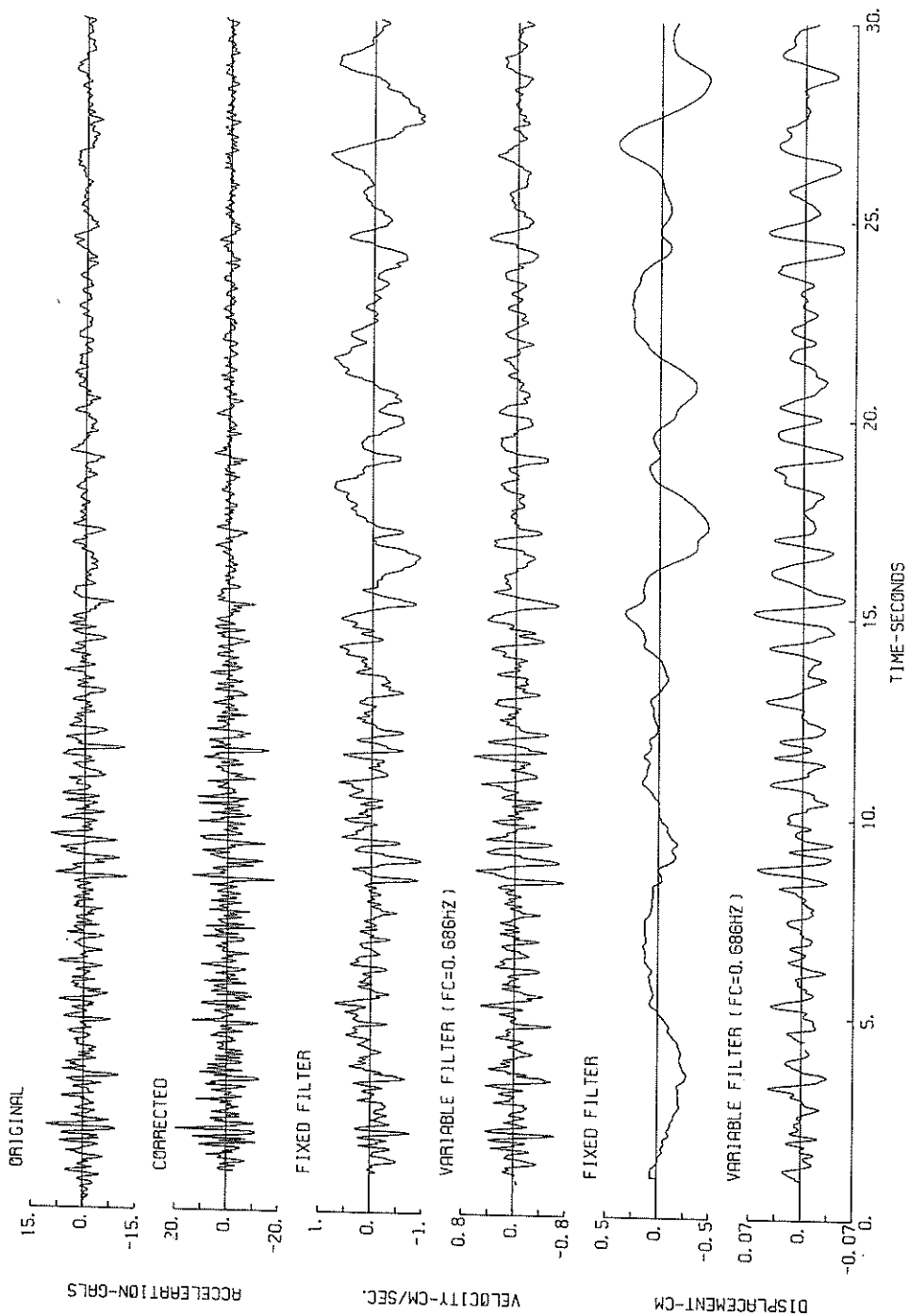
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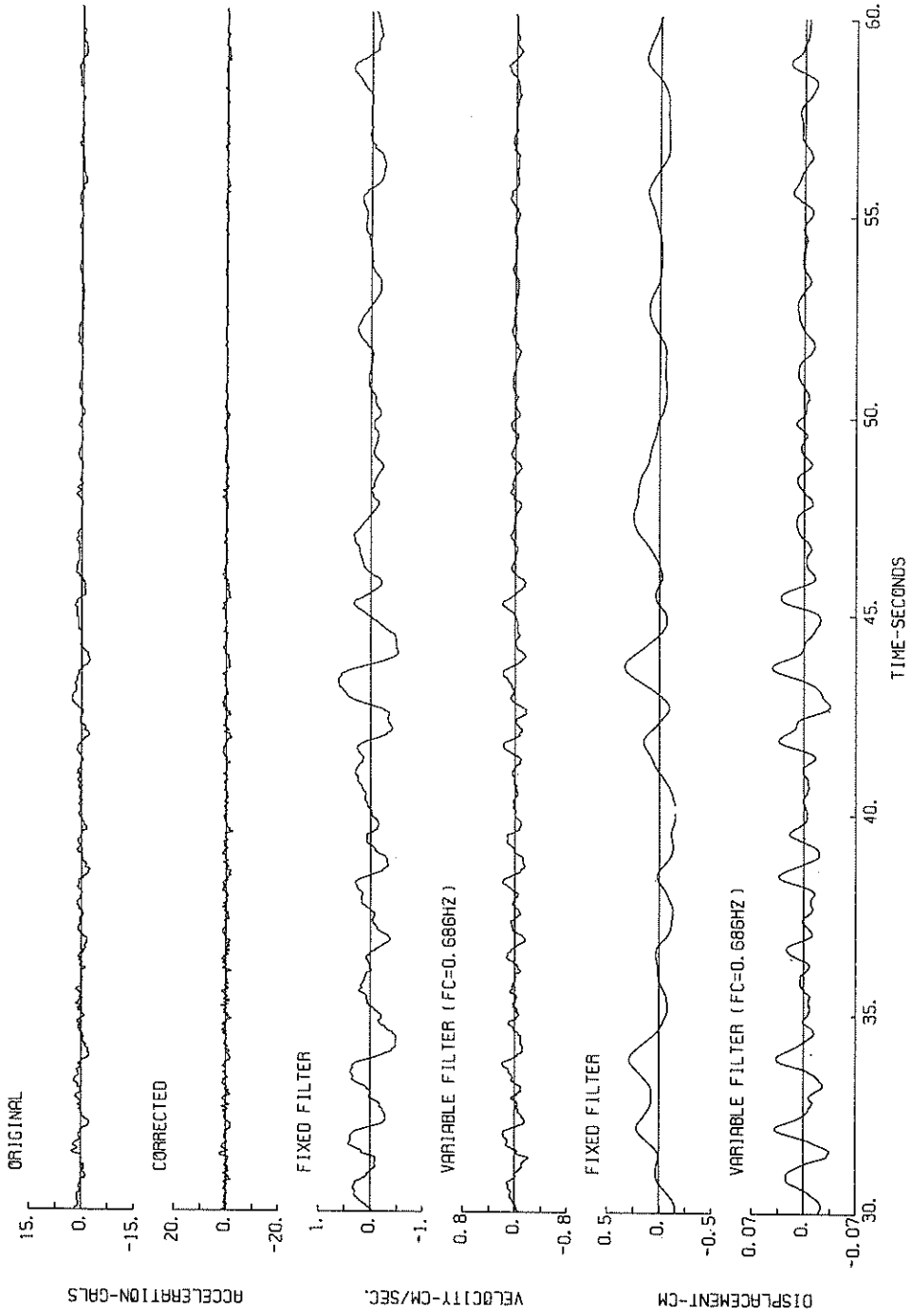
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S-1055 DOWN TAGANOURA-S

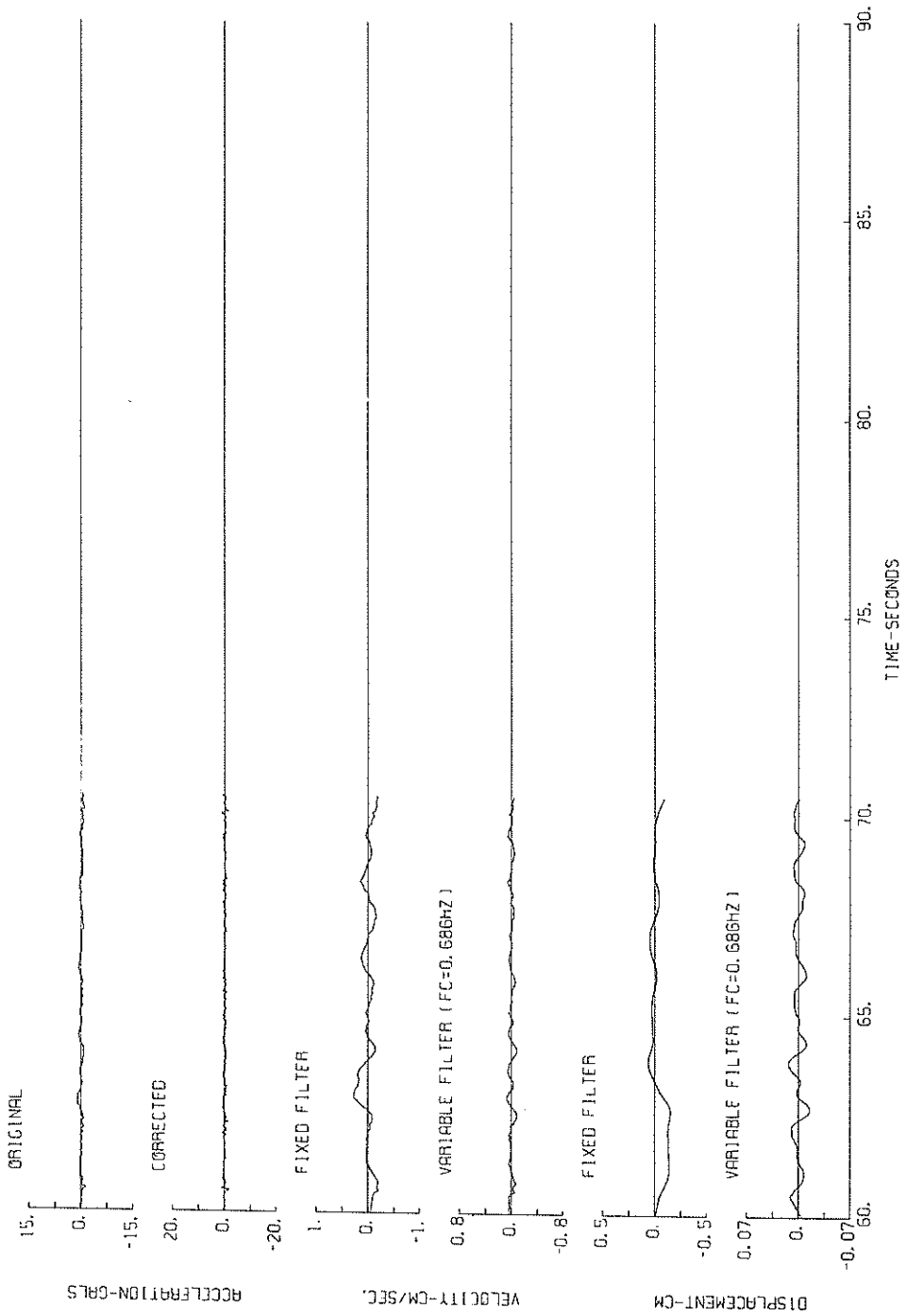


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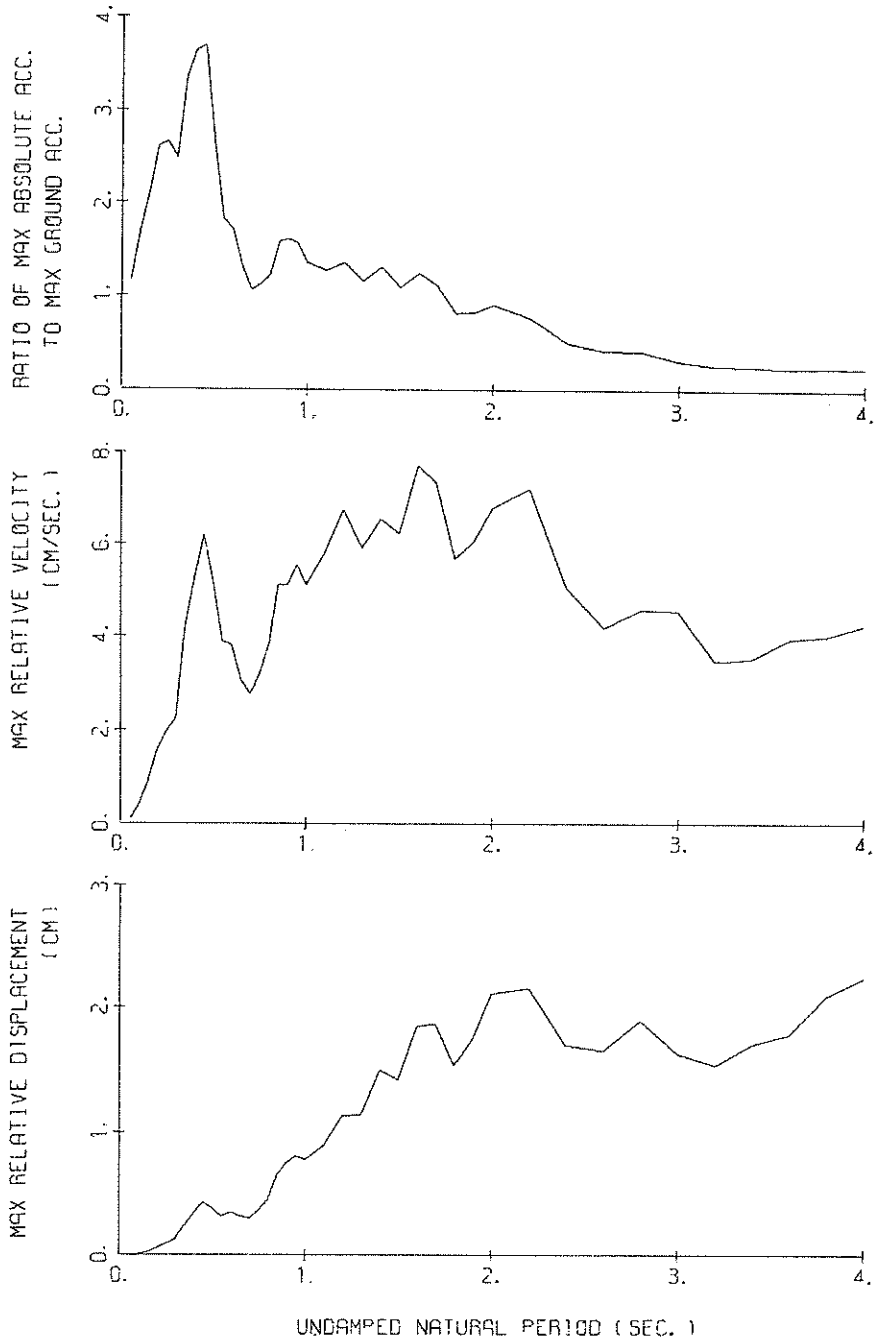


S-1055 DOWN TACONOURA-S



S-1055 N15E TAGONOURA-S

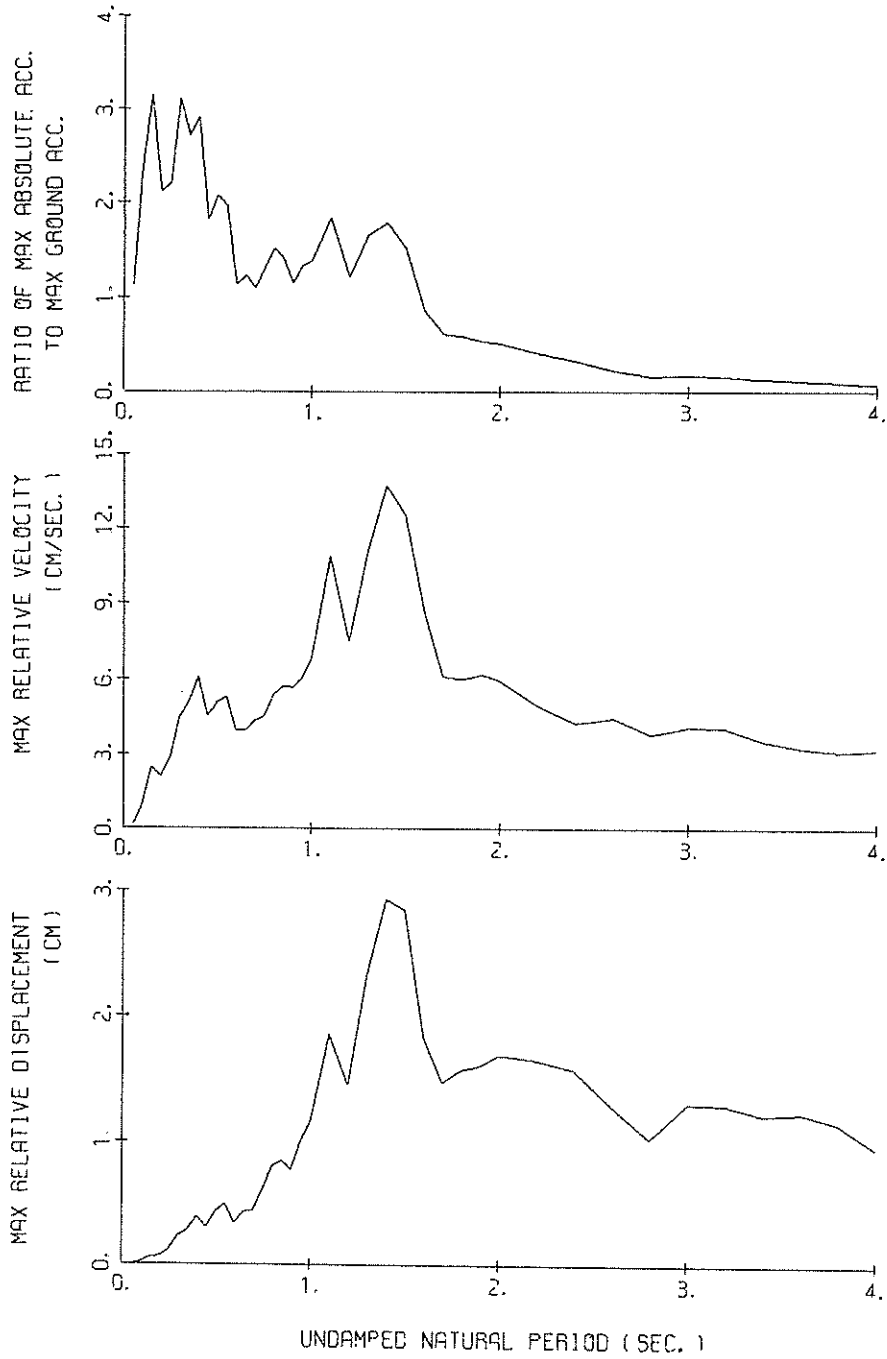
( $1/FC=2.63$  sec.)



RESPONSE SPECTRA ( $H=0.05$ )

S-1055 W15N TAGONOURA-S

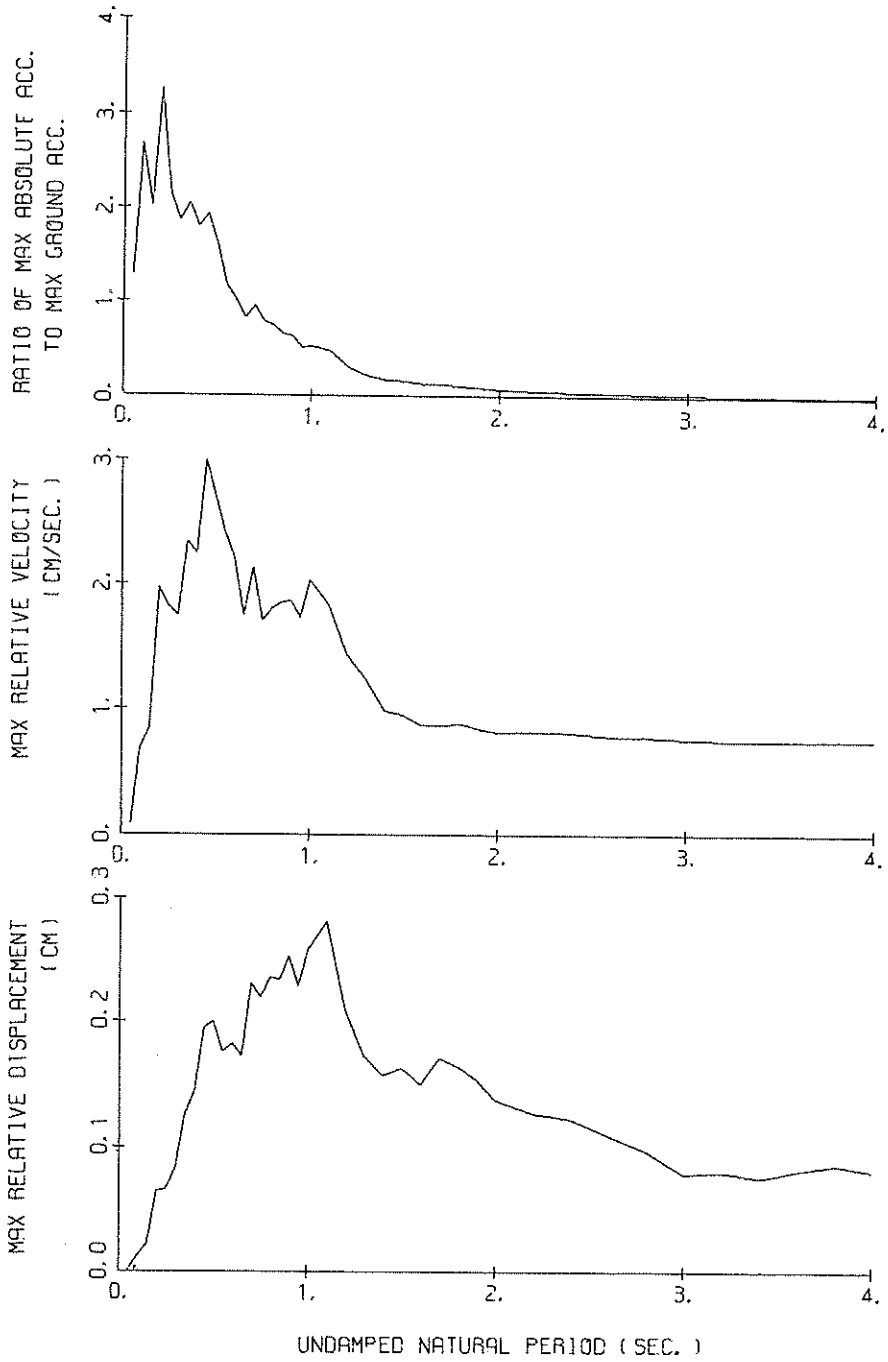
(1/FC=3.19 sec.)



RESPONSE SPECTRA (H=0.05)

S-1055 DOWN TAGONOURA-S

(1/FC=1.46 sec.)



RESPONSE SPECTRA (H=0.05)

RESPONSE SPECTRUM

RECORD = S-1055 COMPONENT = N15E SIGNAL = GR.ACC. CORRECTION = STATION = TAGONOURA-S  
 DATE AND TIME = 1978-01-15-07-31 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 23.11 (GAL)  
 TIME LENGTH = 45.00 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	40.7	0.20	0.003	27.0	0.06	0.002	26.2	0.06	0.002	25.7	0.06	0.002	24.9	0.06	0.002
0.10	125.3	1.89	0.032	47.9	0.54	0.012	39.0	0.40	0.010	34.1	0.36	0.009	31.3	0.28	0.008
0.15	142.6	3.20	0.081	58.3	1.16	0.033	48.7	0.89	0.027	40.0	0.73	0.022	31.4	0.51	0.016
0.20	90.3	2.41	0.092	70.9	1.89	0.072	60.4	1.59	0.061	46.9	1.20	0.047	31.6	0.74	0.031
0.25	154.9	5.91	0.245	68.5	2.22	0.109	61.3	1.98	0.097	49.5	1.55	0.077	35.7	1.01	0.054
0.30	268.9	12.69	0.613	70.1	3.03	0.130	57.4	2.24	0.130	53.1	2.09	0.121	38.1	1.50	0.080
0.35	287.9	15.84	0.893	112.4	6.24	0.349	77.4	4.24	0.239	56.1	2.89	0.171	38.2	1.88	0.108
0.40	233.3	14.61	0.946	111.1	7.16	0.450	84.4	5.27	0.341	61.7	3.62	0.246	37.2	2.19	0.136
0.45	194.9	13.98	1.000	104.4	7.53	0.536	85.5	6.19	0.436	60.3	4.62	0.303	34.9	2.41	0.158
0.50	128.6	10.92	0.802	74.2	6.55	0.468	61.3	5.15	0.386	47.2	4.02	0.292	30.9	2.40	0.169
0.55	146.8	12.54	1.125	61.4	5.40	0.471	42.0	3.87	0.320	31.6	3.05	0.234	25.7	2.19	0.166
0.60	96.6	8.92	0.881	51.1	5.02	0.466	39.4	3.80	0.357	27.4	2.52	0.265	21.2	2.04	0.159
0.65	42.5	4.27	0.455	30.3	3.01	0.324	30.2	3.05	0.321	25.5	2.59	0.266	17.8	1.93	0.159
0.70	37.4	3.75	0.465	22.9	2.55	0.284	24.5	2.75	0.302	22.7	2.83	0.274	16.3	1.87	0.187
0.75	46.2	5.11	0.659	29.9	3.20	0.425	23.9	3.17	0.368	22.0	2.88	0.306	16.7	1.99	0.217
0.80	42.6	5.09	0.671	30.2	3.75	0.489	26.2	3.82	0.455	23.0	3.32	0.366	17.0	2.08	0.248
0.85	107.5	14.32	1.988	49.1	6.52	0.897	36.5	5.10	0.664	25.9	3.72	0.464	17.1	2.11	0.277
0.90	68.6	9.56	1.408	47.4	6.39	0.971	37.1	5.10	0.758	26.1	3.69	0.523	16.8	2.13	0.299
0.95	132.1	19.33	3.019	52.1	7.89	1.189	35.9	5.53	0.817	23.4	3.59	0.520	16.1	2.24	0.321
1.00	152.0	24.00	3.850	44.8	6.92	1.133	31.2	5.09	0.783	22.3	3.64	0.553	15.3	2.34	0.349
1.10	73.0	12.54	2.238	38.3	6.85	1.172	29.3	5.82	0.894	20.8	4.25	0.628	14.8	2.58	0.416
1.20	91.6	16.86	3.342	42.4	9.01	1.545	31.2	6.76	1.133	21.9	4.72	0.783	14.9	2.81	0.489
1.30	53.9	10.79	2.307	38.5	7.37	1.646	26.7	5.91	1.139	20.9	4.69	0.873	14.4	2.88	0.542
1.40	44.2	9.83	2.195	37.8	8.56	1.873	30.2	6.55	1.494	19.8	4.30	0.966	13.3	2.78	0.568
1.50	54.7	12.79	3.118	35.0	8.57	1.993	25.1	6.22	1.522	19.1	4.61	1.072	12.9	2.77	0.665
1.60	50.5	13.32	3.275	36.8	9.70	2.382	28.6	7.73	1.845	20.8	5.49	1.325	13.0	3.00	0.759
1.70	54.7	15.31	4.004	32.6	9.30	2.383	25.6	7.33	1.866	19.7	5.31	1.417	12.8	3.09	0.835
1.80	28.5	7.60	2.171	18.9	5.29	1.546	18.7	5.68	1.528	17.7	5.12	1.425	12.3	3.13	0.894
1.90	33.5	10.26	3.059	21.6	6.86	1.975	19.2	6.05	1.743	17.0	4.99	1.517	11.6	3.31	0.936
2.00	31.7	9.85	3.210	23.5	8.41	2.582	20.9	6.80	2.108	16.7	5.29	1.654	10.9	3.43	0.962
2.20	53.3	19.03	6.531	26.0	10.00	3.181	17.7	7.22	2.154	13.1	5.29	1.553	9.2	3.68	0.956
2.40	9.86	3.749	14.4	6.22	2.096	11.7	5.50	4.35	1.354	9.5	4.35	1.354	7.6	3.36	0.931
2.60	11.8	5.46	2.012	10.7	4.55	1.836	9.7	4.19	1.644	8.3	3.90	1.380	6.6	3.19	0.951
2.80	24.4	11.36	4.856	13.4	6.11	2.651	9.6	4.57	1.888	7.0	3.67	1.360	5.7	3.03	0.944
3.00	16.5	8.89	3.757	9.4	5.67	2.131	7.2	4.53	1.627	5.6	3.42	1.215	5.1	2.90	0.944
3.20	7.6	4.35	1.985	7.1	4.06	1.843	5.9	3.45	1.531	4.6	3.05	1.154	4.5	2.81	0.951
3.40	11.8	5.91	3.451	7.4	4.18	2.152	5.9	3.53	1.702	4.5	3.07	1.290	4.2	2.79	0.987
3.60	9.2	5.20	3.020	6.8	4.34	2.222	5.4	3.94	1.778	4.1	3.32	1.292	4.0	2.79	1.053
3.80	8.2	4.87	2.997	6.9	4.36	2.218	5.7	4.02	2.088	4.1	3.42	1.475	3.9	2.79	1.134
4.00	11.4	6.93	4.602	7.5	4.95	3.020	5.6	4.25	2.240	4.0	3.55	1.558	3.8	2.76	1.215

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1055 COMPONENT = W15N SIGNAL = GR. ACC. CORRECTION = MAX. GROUND ACC. = 33.24 (GAL)  
 DATE AND TIME = 1978-01-15-07-31 SAMPLING INTERVAL = 0.0100 (SEC) MAX. GROUND ACC. = 33.24 (GAL)  
 TIME LENGTH = 45.00 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	54.1	0.33	0.003	37.5	0.10	0.002	37.1	0.09	0.002	37.0	0.09	0.002	36.7	0.08	0.002
0.10	127.2	1.78	0.032	93.0	1.13	0.023	79.0	0.89	0.020	60.4	0.60	0.015	42.0	0.38	0.010
0.15	444.8	10.53	0.254	142.5	3.26	0.081	104.8	2.47	0.060	71.6	1.64	0.040	45.3	0.84	0.024
0.20	139.9	4.05	0.132	80.1	2.54	0.071	70.1	2.10	0.071	59.5	1.69	0.059	46.6	1.07	0.044
0.25	173.9	6.76	0.275	96.8	3.71	0.154	73.0	2.84	0.115	57.4	2.17	0.089	45.7	1.46	0.065
0.30	237.1	11.34	0.541	127.1	5.84	0.290	103.4	4.47	0.235	71.1	3.82	0.159	43.2	1.81	0.087
0.35	222.3	12.12	0.490	115.3	6.43	0.358	89.9	5.06	0.278	65.8	4.14	0.201	40.8	2.22	0.116
0.40	337.8	21.19	1.369	135.9	8.73	0.549	94.5	6.08	0.388	64.6	4.14	0.256	39.2	2.44	0.140
0.45	273.9	19.43	1.405	77.8	5.27	0.399	60.3	4.52	0.307	49.1	3.77	0.249	36.2	2.40	0.160
0.50	183.8	14.66	1.164	91.4	7.05	0.379	68.8	5.07	0.433	52.0	3.50	0.323	35.9	2.28	0.194
0.55	256.3	20.50	1.811	92.3	7.76	0.706	64.9	5.29	0.495	46.2	3.42	0.346	32.0	2.37	0.215
0.60	97.4	9.16	0.888	45.3	4.35	0.413	37.5	3.94	0.339	31.6	3.44	0.280	28.7	2.47	0.226
0.65	85.7	8.56	0.917	52.7	5.13	0.563	40.8	3.94	0.435	29.2	3.18	0.307	26.0	2.52	0.238
0.70	78.6	8.68	0.975	39.7	4.76	0.493	36.1	4.35	0.445	31.3	3.56	0.381	24.4	2.51	0.261
0.75	81.0	9.46	1.154	52.5	5.57	0.747	43.5	4.53	0.618	34.5	3.72	0.484	23.6	2.54	0.297
0.80	158.7	20.14	2.573	66.5	7.39	1.077	50.2	5.40	0.811	36.4	3.81	0.580	23.1	2.52	0.339
0.85	179.7	23.75	3.289	67.8	8.54	1.240	46.6	5.72	0.850	33.8	3.94	0.609	22.5	2.78	0.374
0.90	88.8	12.25	1.822	50.5	7.59	1.036	37.9	5.65	0.774	31.4	4.17	0.634	21.7	3.00	0.406
0.95	144.4	18.53	2.616	54.9	7.57	1.252	44.4	6.05	1.010	33.4	4.30	0.751	21.7	3.16	0.459
1.00	100.5	15.98	2.346	64.4	9.87	1.629	45.9	6.80	1.157	34.0	5.15	0.848	22.2	3.27	0.520
1.10	176.1	30.73	5.398	85.7	15.37	2.625	61.0	10.87	1.861	38.4	6.64	1.154	22.8	3.31	0.637
1.20	91.5	17.39	3.338	53.8	9.94	1.958	40.0	7.46	1.454	34.5	5.64	1.236	22.9	3.68	0.746
1.30	173.5	35.79	7.427	72.8	14.76	3.112	54.9	11.09	2.337	31.6	7.39	1.512	21.9	4.15	0.829
1.40	118.4	27.08	5.879	81.7	19.00	4.053	59.2	13.72	2.923	36.2	8.23	1.759	20.1	4.37	0.868
1.50	143.5	35.00	8.178	73.2	18.10	4.165	50.1	12.51	2.839	31.1	8.18	1.735	17.9	4.35	0.890
1.60	41.0	11.75	2.656	33.7	10.28	2.184	28.5	8.67	1.833	22.7	6.46	1.426	15.9	4.19	0.881
1.70	44.1	12.45	3.226	24.8	6.76	1.815	20.2	6.09	1.473	15.9	5.35	1.137	13.9	3.99	0.847
1.80	25.3	7.56	2.093	23.1	9.94	1.892	19.3	5.97	1.577	14.1	4.49	1.136	12.1	3.78	0.811
1.90	34.4	10.98	3.146	21.2	7.34	1.939	17.7	6.17	1.608	13.3	4.64	1.198	10.7	3.60	0.785
2.00	27.8	9.30	2.813	19.1	6.90	1.937	16.8	5.92	1.693	12.5	4.40	1.246	9.6	3.47	0.773
2.20	28.5	10.28	3.492	17.8	6.49	2.177	13.5	4.96	1.650	9.5	3.97	1.126	8.1	3.25	0.778
2.40	17.2	7.12	2.514	13.0	5.24	1.890	10.9	4.26	1.574	7.0	3.64	1.234	7.0	3.06	0.814
2.60	13.1	6.44	2.235	8.3	5.14	1.421	7.6	4.45	1.289	6.9	3.78	1.128	6.2	3.05	0.805
2.80	7.4	5.27	1.472	6.1	4.36	1.206	5.2	3.80	1.029	5.3	3.57	1.003	5.4	3.00	0.764
3.00	12.6	6.35	2.873	7.5	4.52	1.701	5.8	4.10	1.311	4.4	3.64	0.942	4.6	2.93	0.752
3.20	9.3	5.16	2.417	6.4	4.34	1.714	5.1	4.03	1.300	4.4	3.58	1.075	4.1	2.88	0.792
3.40	6.9	3.49	2.007	4.7	3.54	1.382	4.2	3.53	1.222	4.0	3.35	1.095	3.8	2.86	0.816
3.60	4.8	3.81	1.566	4.2	3.42	1.362	3.8	3.25	1.240	3.5	3.08	1.082	3.5	2.85	0.824
3.80	4.0	3.89	1.469	3.5	3.37	1.286	3.2	3.11	1.153	3.0	2.98	1.027	3.2	2.84	0.820
4.00	3.1	3.66	1.270	2.5	3.36	1.002	2.4	3.20	0.953	2.5	3.05	0.943	3.0	2.85	0.808

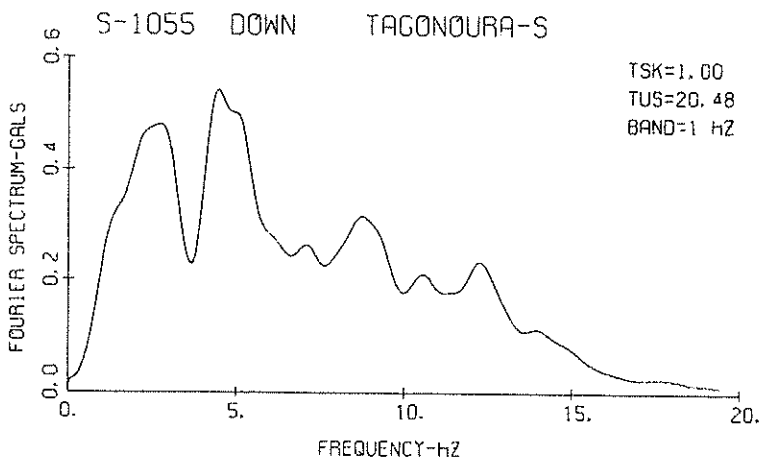
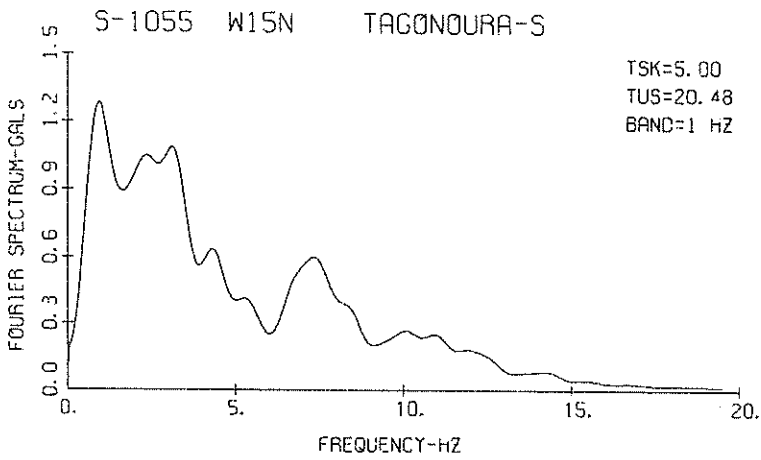
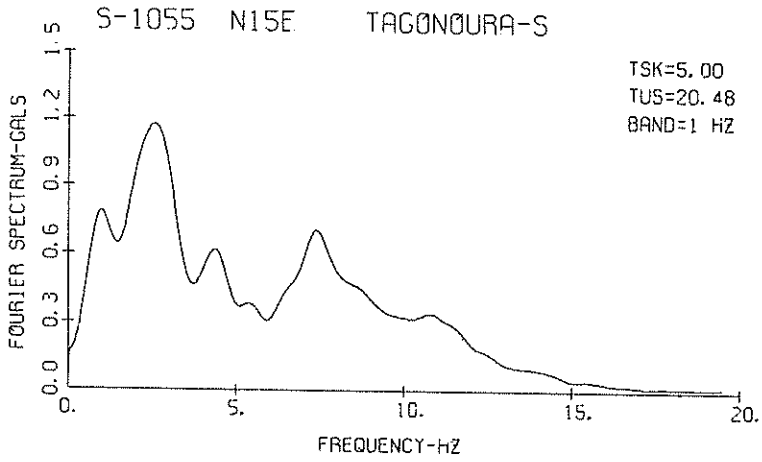
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1055  
 DATE AND TIME = 1978-01-15-07-31  
 TIME LENGTH = 45.00 (SEC)  
 COMPONENT = DOWN  
 SIGNAL = GR. ACC.  
 SAMPRING INTERVAL = 0.1000(SEC)  
 SKIPPED LENGTH = 0.00 (SEC)  
 CORRECTION =  
 MAX.GROUND ACC. = 19.77 (GAL)  
 STATION = TAGONOURA-S  
 DAMPING = 0.  
 DAMPING = 0.025  
 DAMPING = 0.050  
 DAMPING = 0.100  
 DAMPING = 0.250

PER	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	33.6	0.20	0.002	24.9	0.08	0.002	24.8	0.07	0.002	24.7	0.07	0.002	24.2	0.06	0.001
0.10	150.9	2.27	0.038	63.7	0.89	0.016	52.9	0.69	0.013	40.8	0.65	0.010	29.7	0.25	0.007
0.15	116.6	2.77	0.066	50.1	1.11	0.029	40.0	0.84	0.023	32.4	0.77	0.018	30.1	0.47	0.016
0.20	227.1	7.30	0.230	76.9	2.43	0.077	64.5	1.97	0.065	50.2	1.46	0.050	32.0	0.85	0.029
0.25	120.4	4.78	0.191	51.1	2.16	0.081	42.4	1.82	0.086	32.7	1.39	0.051	23.8	0.94	0.033
0.30	52.2	2.44	0.119	45.0	2.14	0.103	36.7	1.73	0.084	30.1	1.33	0.067	21.7	0.87	0.043
0.35	172.9	9.60	0.536	58.4	3.31	0.181	40.6	2.35	0.125	27.0	1.54	0.082	18.5	0.95	0.050
0.40	74.1	4.69	0.300	45.1	2.93	0.183	35.5	2.25	0.144	27.2	1.57	0.108	17.0	1.05	0.058
0.45	86.7	6.37	0.445	47.9	3.63	0.245	38.2	2.99	0.195	24.3	2.23	0.137	16.2	1.20	0.072
0.50	69.6	5.52	0.441	38.9	3.35	0.245	31.8	2.71	0.200	24.3	2.05	0.150	14.6	1.18	0.078
0.55	69.4	6.02	0.532	27.1	2.72	0.207	23.1	2.43	0.176	18.5	2.01	0.139	12.8	1.24	0.084
0.60	31.6	3.19	0.288	24.2	2.57	0.221	20.1	2.22	0.182	16.0	1.82	0.142	11.4	1.20	0.088
0.65	63.5	6.75	0.679	21.0	2.17	0.224	16.1	1.75	0.172	13.3	1.55	0.138	10.0	1.09	0.090
0.70	78.0	8.75	0.968	27.7	3.07	0.344	18.7	2.14	0.231	13.2	1.55	0.161	8.7	1.08	0.091
0.75	26.5	3.21	0.377	16.3	1.81	0.232	13.4	1.71	0.219	12.7	1.46	0.177	8.0	1.08	0.099
0.80	28.1	3.51	0.423	17.5	2.11	0.283	14.6	1.80	0.235	11.5	1.45	0.182	7.6	1.06	0.106
0.85	39.1	5.28	0.715	18.2	2.50	0.332	12.8	1.85	0.232	9.8	1.44	0.175	7.2	1.01	0.112
0.90	43.5	6.27	0.893	17.7	2.65	0.363	12.4	1.87	0.252	8.1	1.36	0.162	6.8	0.97	0.116
0.95	16.9	2.56	0.387	10.9	1.83	0.249	10.0	1.73	0.228	7.4	1.40	0.166	6.3	0.93	0.118
1.00	24.1	3.88	0.611	13.5	2.48	0.341	10.2	2.03	0.257	7.1	1.50	0.176	5.8	0.94	0.120
1.10	27.2	4.87	0.834	12.3	2.36	0.377	9.2	1.84	0.280	6.4	1.42	0.190	4.9	0.99	0.119
1.20	16.9	3.28	0.616	7.1	1.48	0.259	5.8	1.43	0.208	4.3	1.31	0.153	3.9	1.00	0.111
1.30	6.3	1.45	0.272	4.7	1.31	0.202	4.0	1.24	0.172	3.2	1.15	0.134	3.1	0.96	0.100
1.40	10.0	2.23	0.496	3.9	1.09	0.195	3.2	0.98	0.156	2.5	0.96	0.119	2.5	0.91	0.095
1.50	11.1	2.68	0.633	4.1	1.08	0.234	2.9	0.95	0.163	2.2	0.87	0.117	2.1	0.86	0.095
1.60	5.8	1.44	0.375	2.8	0.88	0.178	2.3	0.87	0.150	2.1	0.85	0.129	1.9	0.82	0.094
1.70	4.7	1.37	0.341	2.9	0.98	0.210	2.4	0.87	0.170	1.9	0.84	0.130	1.7	0.81	0.092
1.80	6.0	1.69	0.493	2.9	1.03	0.237	2.0	0.89	0.163	1.5	0.83	0.113	1.6	0.81	0.087
1.90	2.9	1.04	0.270	2.1	0.84	0.190	1.7	0.83	0.153	1.3	0.82	0.106	1.5	0.80	0.085
2.00	1.7	0.86	0.173	1.5	0.83	0.153	1.4	0.81	0.137	1.2	0.80	0.104	1.4	0.79	0.084
2.20	2.0	0.81	0.245	1.3	0.82	0.158	1.0	0.82	0.126	0.9	0.80	0.101	1.2	0.78	0.083
2.40	2.1	0.90	0.305	1.1	0.82	0.140	0.9	0.81	0.122	0.7	0.79	0.099	1.0	0.76	0.080
2.60	0.8	0.80	0.141	0.7	0.79	0.115	0.6	0.78	0.109	0.6	0.77	0.095	0.9	0.76	0.077
2.80	0.9	0.78	0.177	0.6	0.78	0.116	0.5	0.77	0.097	0.5	0.77	0.084	0.9	0.76	0.073
3.00	0.4	0.76	0.092	0.4	0.76	0.083	0.4	0.76	0.078	0.4	0.76	0.075	0.8	0.76	0.071
3.20	0.4	0.74	0.103	0.3	0.75	0.089	0.3	0.75	0.081	0.4	0.76	0.075	0.7	0.76	0.071
3.40	0.3	0.74	0.085	0.3	0.75	0.076	0.3	0.75	0.076	0.3	0.75	0.075	0.7	0.76	0.071
3.60	0.4	0.75	0.116	0.3	0.75	0.088	0.3	0.75	0.081	0.3	0.75	0.076	0.7	0.75	0.072
3.80	0.3	0.75	0.113	0.3	0.75	0.095	0.2	0.75	0.086	0.3	0.75	0.077	0.6	0.75	0.072
4.00	0.3	0.76	0.111	0.2	0.76	0.091	0.2	0.76	0.081	0.3	0.75	0.078	0.6	0.75	0.072

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



FOURIER SPECTRA



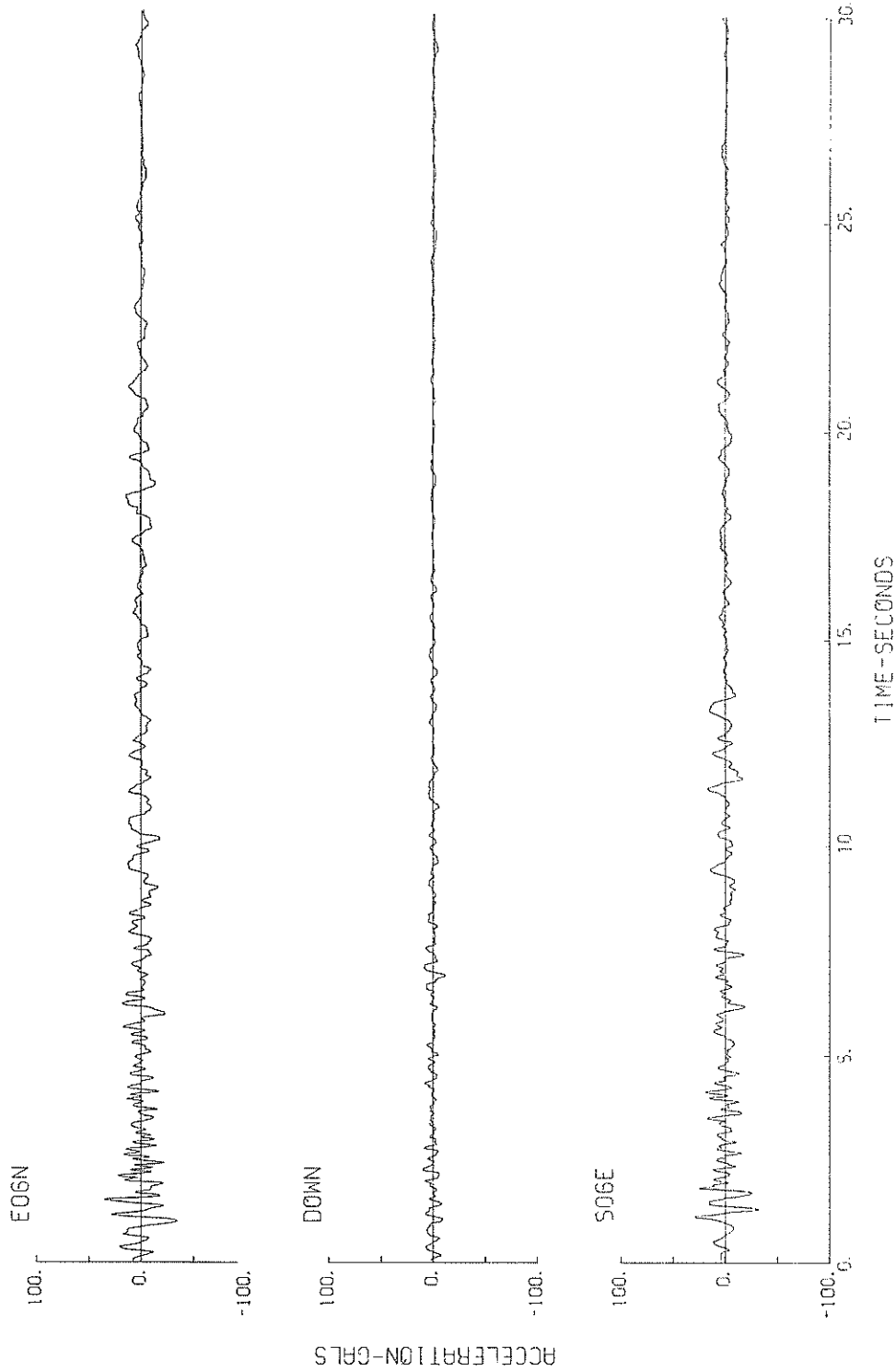
RECORD NUMBER S-1064  
 STATION SHIMIZU-KOJYO-S

EARTHQUAKE DATA

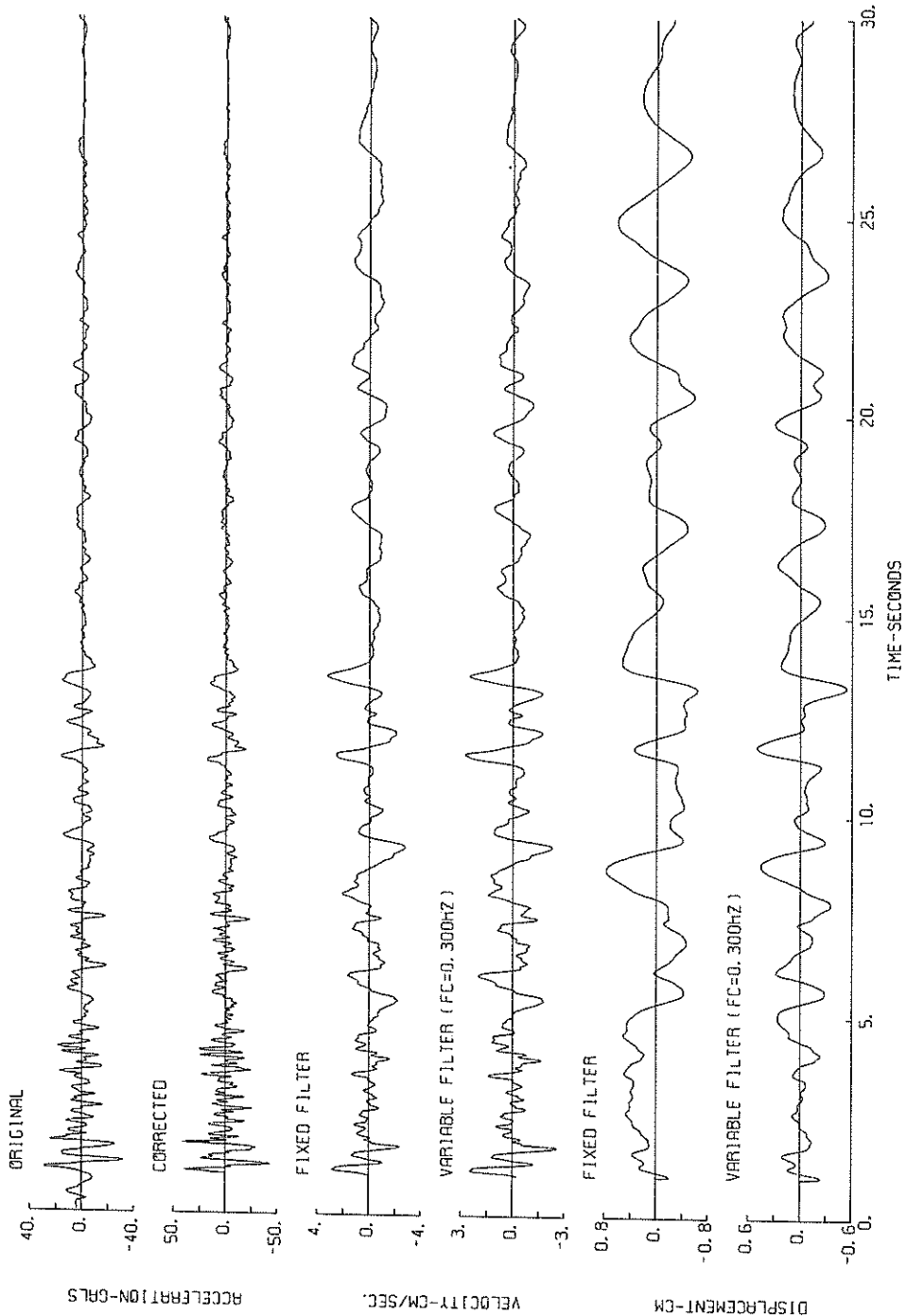
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*****
*
* DATE AND TIME 07:31 JANUARY 15,1978 *
*
* LOCATION OF HYPOCENTER *
* EPICENTRAL REGION CENTRAL IZU PEN. *
* LATITUDE 34.8 N *
* LONGITUDE 138.9 E *
* DEPTH 20 KM *
*
* MAGNITUDE 5.8 *
*
*****
```

	EO6N	COMPONENT SO6E	DOWN
PARAMETER OF THE VARIABLE FILTER	-----	-----	-----
FC (HZ)	0.264	0.300	0.630
MAXIMUM ACCELERATION (GAL.)	-----	-----	-----
ORIGINAL	35.2	32.4	11.7
SMAC-B2 EQUIVALENT			
CORRECTED	48.1	43.4	15.6
MAXIMUM VELOCITY (CM/SEC.)	-----	-----	-----
FIXED FILTER	2.95	3.27	1.12
VARIABLE FILTER	3.16	2.78	0.94
MAXIMUM DISPLACEMENT (CM)	-----	-----	-----
FIXED FILTER	1.06	0.78	0.57
VARIABLE FILTER	0.67	0.54	0.09

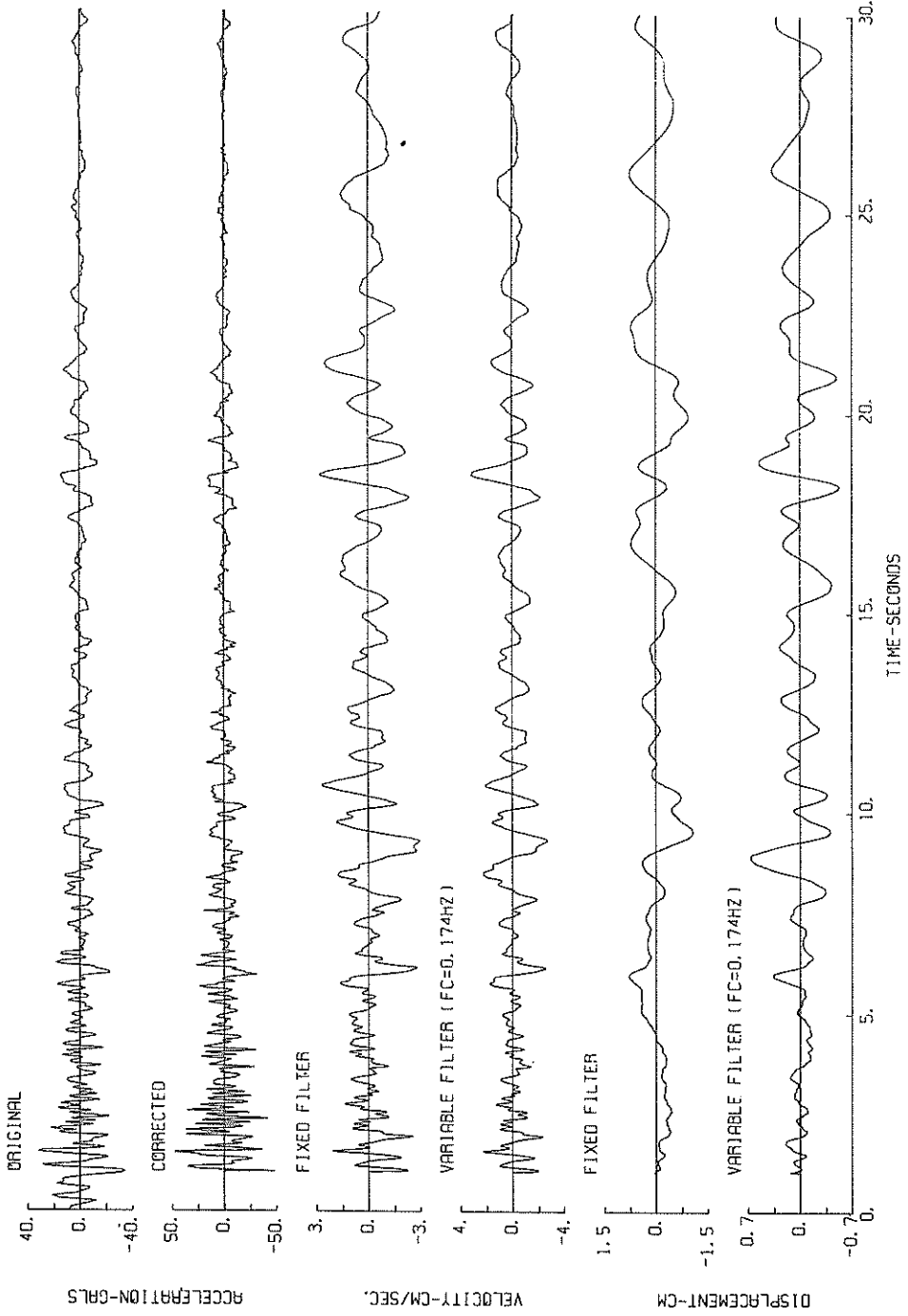
S-1064 SHIMIZU-KOJYO-S



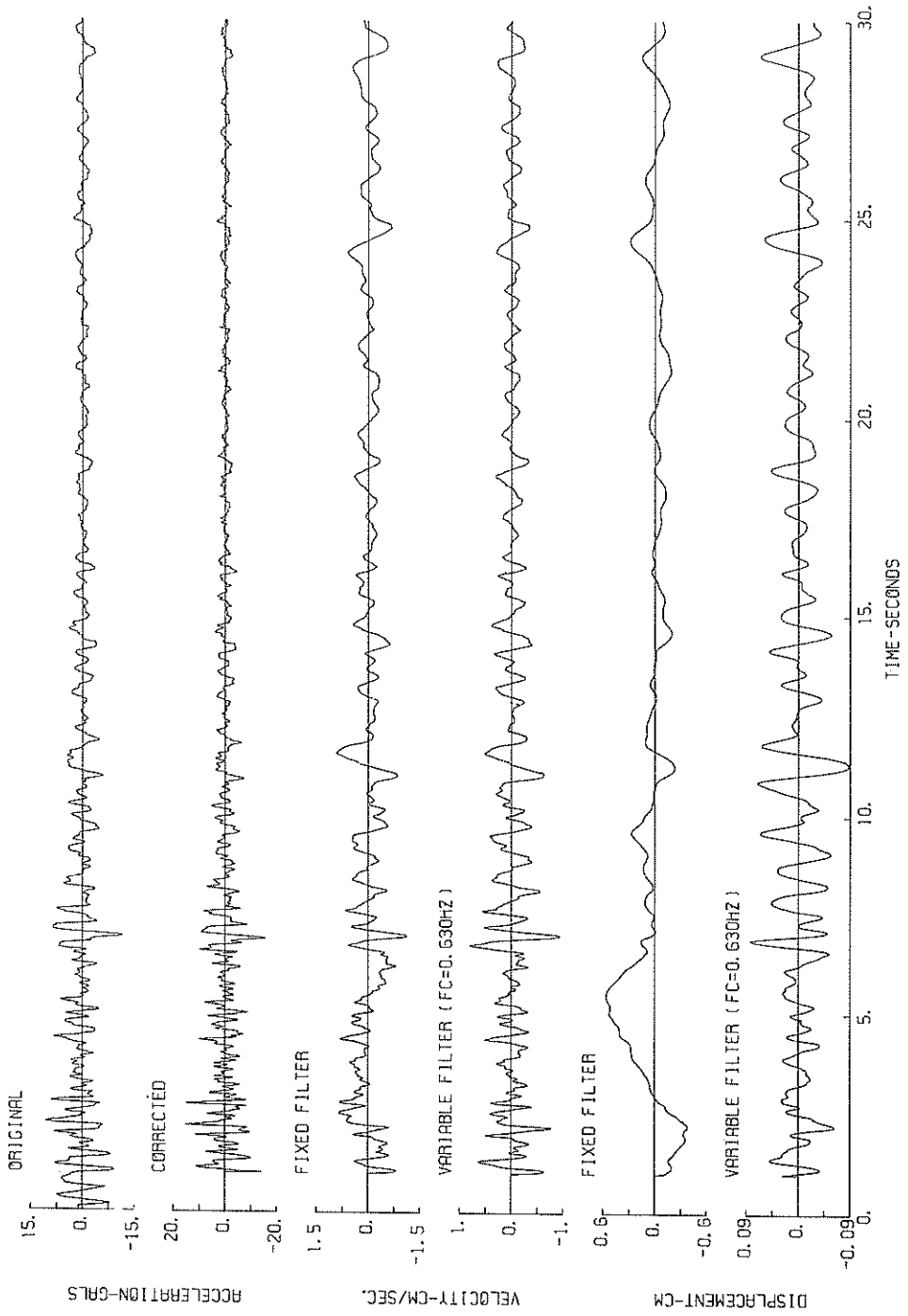
S-1064 S06E SHIMIZU-KOJYO-S



S-1064 E06N SHIMIZU-KOJYO-S

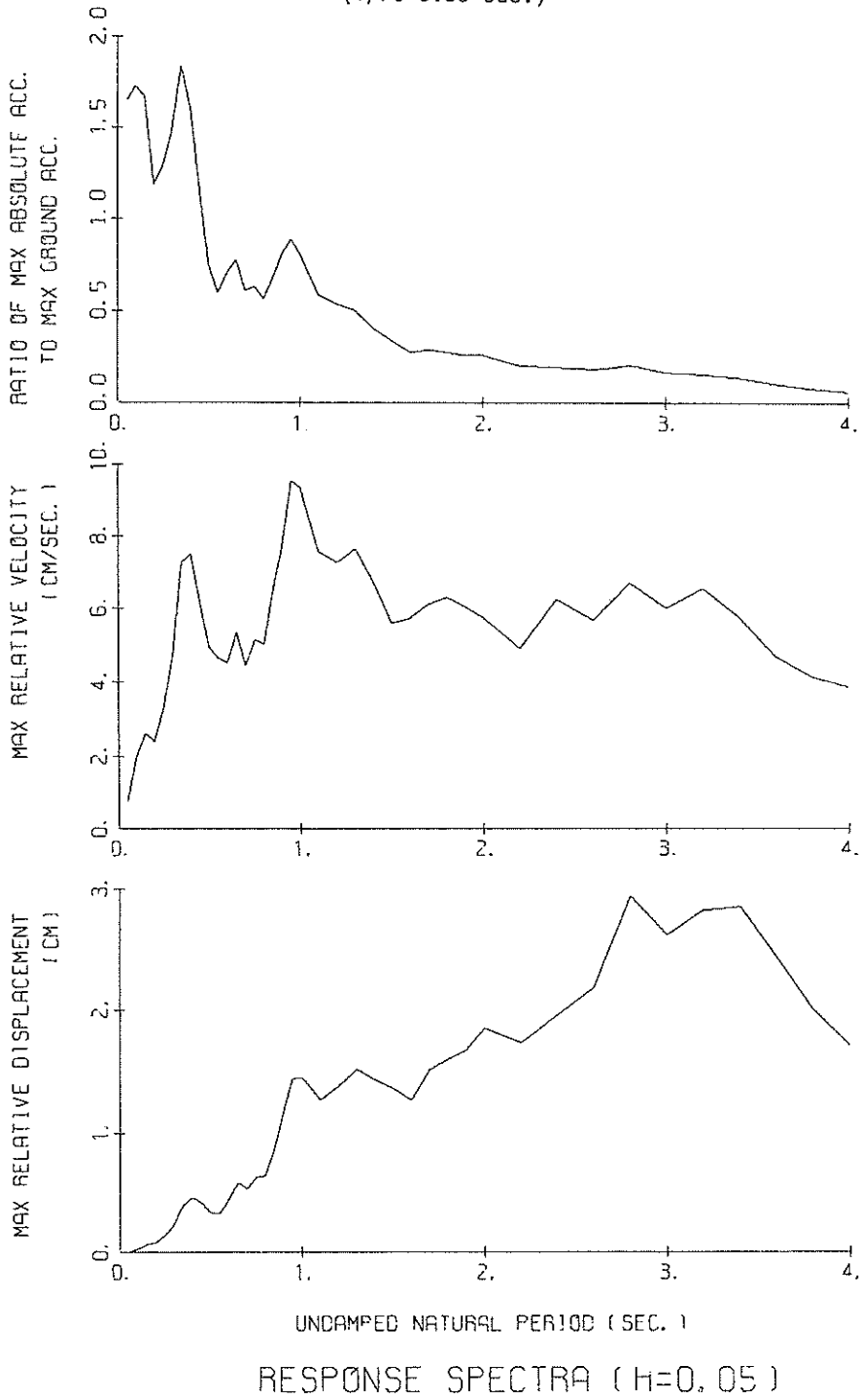


S-1064 DOWN SHIMIZU-KOJYO-S

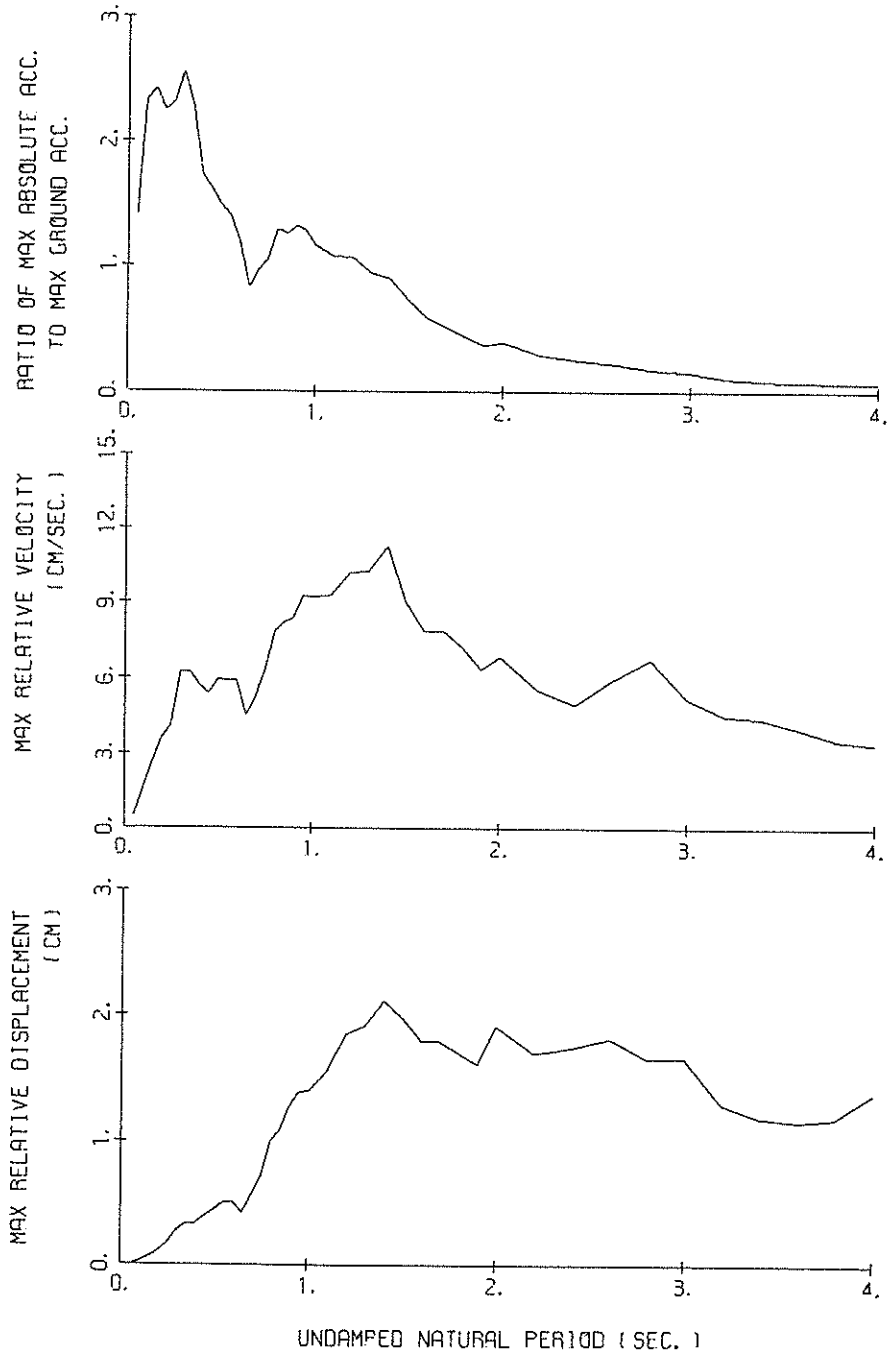


S-1064 S06E SHIMIZU-KOJYO-S

( $1/FC=3.33$  sec.)



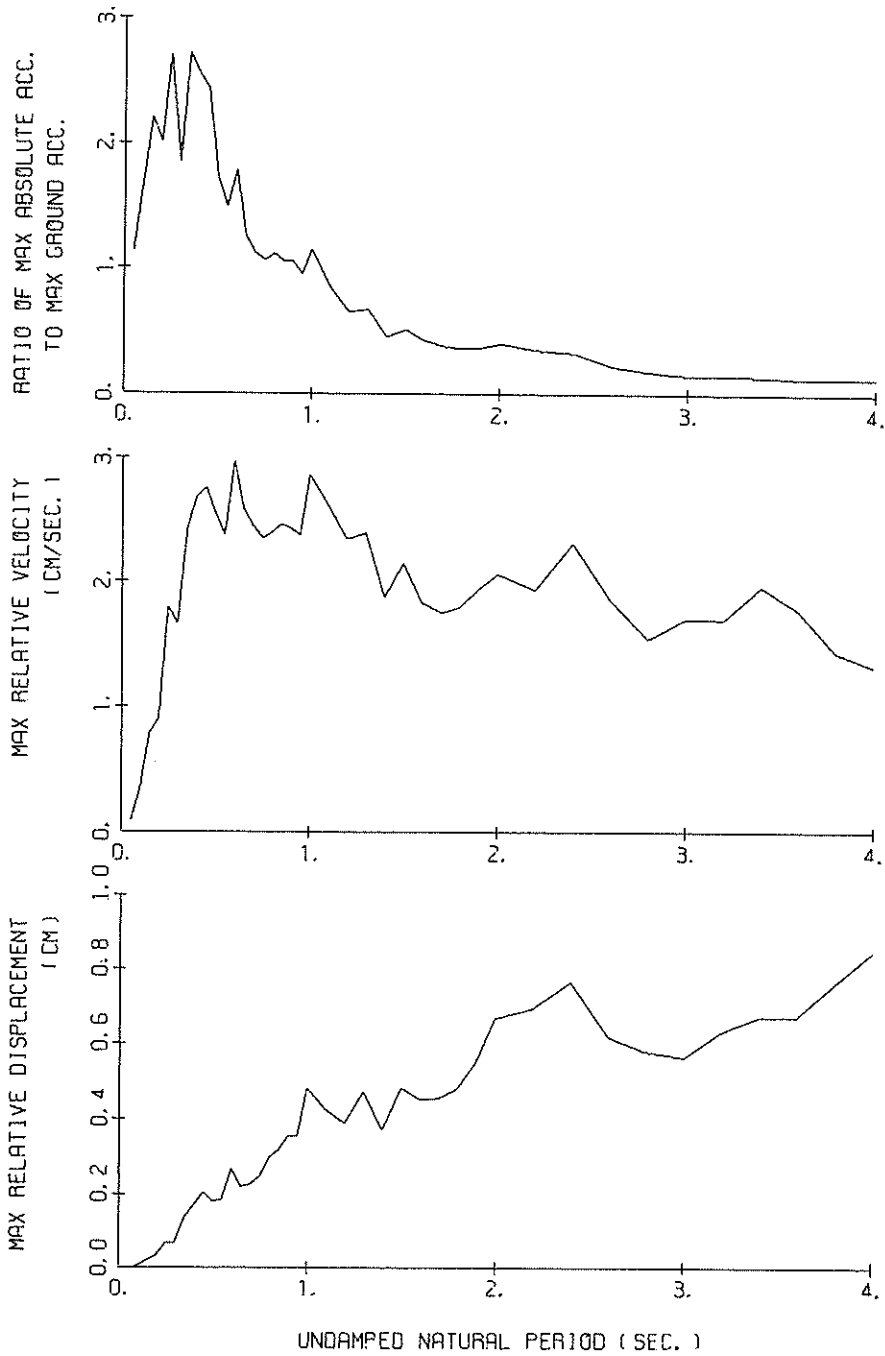
S-1064 E06N SHIMIZU-KOJYO-S  
 (1/FC=3.79 sec.)



RESPONSE SPECTRA (H=0.05)

S-1064 DOWN SHIMIZU-KOJYO-S

( $1/FC=1.59$  sec.)



RESPONSE SPECTRA ( $H=0.05$ )



RESPONSE SPECTRUM

RECORD = S-1064  
 DATE AND TIME = 1978-01-15-07-46  
 TIME LENGTH = 30.00 (SEC)  
 COMPONENT = S04F  
 SIGNAL = GR. ACC.  
 SAMPLING INTERVAL = 0.100(SEC)  
 SKIPPED LENGTH = 1.00 (SEC)  
 CORRECTION =  
 MAX. GROUND ACC. = 43.40 (GAL)  
 STATION = SHIMIZU-KOJYO-S

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	59.8	0.33	0.004	55.7	0.18	0.004	53.6	0.16	0.003	50.4	0.13	0.003	47.0	0.11	0.003
0.10	265.2	3.93	0.067	119.5	1.72	0.030	94.0	1.35	0.024	77.1	0.92	0.019	59.9	0.53	0.015
0.15	152.0	3.41	0.087	127.7	3.25	0.073	113.3	2.57	0.065	84.4	1.80	0.048	57.1	0.90	0.030
0.20	232.5	7.35	0.236	107.5	4.93	0.109	91.1	2.50	0.091	77.5	1.91	0.077	57.9	1.28	0.053
0.25	228.6	9.04	0.362	109.1	4.53	0.173	98.2	3.43	0.155	81.4	2.93	0.127	60.4	2.02	0.089
0.30	157.8	7.70	0.360	130.7	5.62	0.298	111.3	4.83	0.253	87.3	4.06	0.196	62.3	2.61	0.130
0.35	223.2	12.71	0.693	166.9	9.15	0.519	139.1	7.80	0.430	100.8	5.91	0.307	59.2	3.30	0.164
0.40	278.6	17.59	1.129	138.3	8.86	0.561	115.5	7.42	0.466	89.7	5.87	0.355	54.6	3.38	0.199
0.45	160.4	11.35	0.823	94.3	7.06	0.481	83.4	6.15	0.425	68.1	4.92	0.339	47.1	3.04	0.206
0.50	220.1	17.25	1.394	73.0	5.77	0.463	53.4	5.21	0.356	48.2	4.53	0.296	40.7	3.20	0.213
0.55	76.7	6.59	0.588	46.6	4.68	0.357	43.9	4.48	0.334	39.8	4.11	0.296	34.6	3.28	0.214
0.60	106.7	9.56	0.973	62.7	5.40	0.372	50.4	4.40	0.458	40.3	4.09	0.362	29.4	3.33	0.236
0.65	132.8	13.61	1.421	72.9	7.08	0.780	57.1	5.48	0.608	39.6	4.01	0.417	27.3	3.33	0.270
0.70	103.3	11.48	1.282	57.5	6.14	0.712	43.7	4.48	0.539	34.7	3.91	0.424	26.6	3.31	0.302
0.75	135.2	16.11	1.926	68.0	7.86	0.868	44.8	5.11	0.636	30.1	3.79	0.422	25.9	3.26	0.335
0.80	84.7	10.86	1.372	53.4	6.88	0.864	42.1	5.25	0.680	32.5	3.98	0.518	25.4	3.20	0.371
0.85	70.2	9.89	1.284	55.8	7.92	1.019	48.0	6.42	0.875	37.6	4.69	0.674	24.8	3.14	0.405
0.90	151.3	21.54	3.103	78.3	10.78	1.605	58.7	7.86	1.193	39.3	5.35	0.791	23.7	3.08	0.432
0.95	158.2	23.72	3.617	89.7	13.27	2.049	64.1	9.37	1.458	40.8	6.21	0.915	23.1	3.20	0.477
1.00	131.7	20.87	3.335	69.8	11.00	1.766	57.5	9.28	1.448	39.8	6.47	0.986	22.9	3.27	0.515
1.10	78.9	13.65	2.417	51.8	9.35	1.586	41.1	7.53	1.250	30.8	5.51	0.919	20.7	3.25	0.543
1.20	92.2	18.03	3.363	55.8	10.24	2.034	39.3	7.26	1.425	25.3	5.07	0.903	17.3	3.31	0.524
1.30	85.9	17.88	3.677	46.8	10.70	1.998	37.0	8.00	1.575	25.9	5.37	1.064	15.5	3.31	0.579
1.40	49.4	12.00	2.453	35.6	8.69	1.767	27.6	6.61	1.362	20.1	5.12	0.972	14.0	3.36	0.598
1.50	38.8	9.58	2.211	27.1	6.40	1.539	23.6	5.55	1.335	19.0	4.48	1.053	13.0	3.42	0.633
1.60	32.0	8.32	2.074	21.4	6.27	1.387	19.2	5.26	1.234	16.8	4.48	1.049	11.8	3.44	0.638
1.70	37.0	10.21	2.707	25.8	7.36	1.885	19.9	6.07	1.647	14.4	4.60	1.015	10.6	3.47	0.644
1.80	41.4	11.95	3.405	23.8	7.93	2.116	18.6	6.21	1.516	12.9	4.74	1.020	9.7	3.48	0.669
1.90	48.8	14.56	4.461	24.9	7.55	2.272	16.3	6.13	1.479	12.1	4.80	1.074	9.3	3.43	0.725
2.00	28.7	9.32	2.904	18.4	6.31	1.860	14.7	5.22	1.483	11.9	4.44	1.157	9.0	3.33	0.789
2.20	15.5	5.42	1.902	12.0	4.87	1.472	11.1	4.18	1.349	9.9	3.58	1.154	8.3	3.19	0.812
2.40	19.1	8.08	2.788	13.3	6.12	1.941	10.6	4.93	1.542	7.7	3.57	1.077	7.3	3.18	0.811
2.60	19.8	8.09	3.399	11.2	4.83	1.914	8.6	3.99	1.489	6.8	3.50	1.116	6.3	3.15	0.787
2.80	16.0	7.00	3.173	10.4	4.59	2.056	7.6	4.35	1.497	6.0	3.94	1.140	5.6	3.19	0.766
3.00	8.2	5.26	1.874	6.7	4.96	1.322	5.9	4.87	1.327	5.0	4.18	1.063	4.9	3.31	0.737
3.20	8.5	5.87	2.193	5.8	5.25	1.492	4.6	4.81	1.197	3.8	4.22	0.936	4.4	3.35	0.708
3.40	9.2	5.87	2.697	6.0	4.62	1.742	4.4	4.26	1.284	3.5	3.98	0.908	3.9	3.32	0.674
3.60	5.0	3.96	1.662	4.0	3.71	1.298	3.5	3.63	1.145	3.2	3.60	0.939	3.6	3.25	0.663
3.80	3.3	3.98	1.196	3.0	3.44	1.099	2.8	3.39	1.018	2.6	3.26	0.887	3.4	3.17	0.689
4.00	2.4	3.76	0.986	2.2	3.55	0.899	2.1	3.38	0.843	2.3	3.11	0.805	3.2	3.09	0.663

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1064 COMPONENT = ED6N SIGNAL = GR. ACC. CORRECTION = STATION = SHIMIZU-KOJYO-S  
 DATE AND TIME = 1978-01-15-07-31 SAMPLING INTERVAL = 0.0100(SEC) MAX. GROUND ACC. = 48.11 (GAL)  
 TIME LENGTH = 30.00 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	99.0	0.63	0.006	69.9	0.47	0.004	66.5	0.43	0.004	62.4	0.37	0.004	54.5	0.24	0.003
0.10	199.6	3.09	0.051	116.8	1.68	0.030	112.1	1.52	0.028	104.7	1.30	0.026	74.6	0.82	0.018
0.15	363.1	8.47	0.207	159.6	3.57	0.091	148.6	3.26	0.066	134.6	2.66	0.052	64.7	1.16	0.034
0.20	524.9	10.15	0.329	128.8	4.14	0.130	108.1	3.60	0.108	90.6	2.89	0.091	65.8	1.92	0.060
0.25	283.8	11.01	0.469	137.2	4.91	0.216	111.7	4.12	0.176	85.8	3.21	0.133	61.7	2.51	0.091
0.30	234.2	11.42	0.534	148.6	7.25	0.353	122.8	6.26	0.277	92.9	5.01	0.217	69.6	3.04	0.142
0.35	194.9	10.87	0.605	120.7	7.06	0.375	109.7	6.25	0.334	78.1	4.86	0.278	66.0	3.01	0.176
0.40	165.2	9.91	0.669	91.1	6.19	0.368	82.8	5.70	0.334	71.0	4.86	0.278	54.4	3.24	0.181
0.45	146.2	10.51	0.750	91.5	6.29	0.468	77.3	5.39	0.394	58.6	4.75	0.294	42.0	3.40	0.169
0.50	121.1	10.13	0.767	89.7	7.65	0.568	71.0	5.96	0.447	55.9	4.25	0.345	36.2	3.32	0.195
0.55	135.3	11.69	1.037	86.5	7.48	0.662	67.0	5.86	0.510	47.7	4.33	0.357	31.7	3.13	0.221
0.60	181.4	16.73	1.654	82.4	8.25	0.750	56.7	5.91	0.515	39.8	4.39	0.354	30.6	3.09	0.254
0.65	72.5	7.80	0.776	51.2	5.45	0.547	39.8	4.52	0.422	35.0	4.16	0.371	29.6	3.21	0.290
0.70	173.3	18.50	2.151	63.5	6.77	0.768	46.5	5.27	0.575	37.1	4.55	0.453	28.9	3.29	0.329
0.75	107.2	11.92	1.527	68.7	8.22	0.921	50.7	6.32	0.719	39.7	4.90	0.532	28.6	3.29	0.368
0.80	159.2	19.88	2.581	89.2	11.14	1.444	61.9	7.86	0.999	40.3	5.16	0.640	28.0	3.19	0.400
0.85	238.2	31.50	4.359	88.9	11.47	1.625	60.1	8.22	1.096	42.8	5.75	0.771	26.9	3.16	0.446
0.90	167.0	23.81	3.426	84.7	11.72	1.735	62.9	8.41	1.286	44.6	5.90	0.900	26.8	3.51	0.501
0.95	202.6	30.40	4.631	92.9	13.91	2.121	61.3	9.24	1.395	44.2	6.27	0.993	26.5	3.79	0.552
1.00	157.5	25.95	3.990	71.1	11.70	1.799	55.5	9.20	1.398	41.3	6.44	1.028	26.0	4.01	0.598
1.10	105.9	18.68	3.246	67.5	11.93	2.066	51.2	9.30	1.562	39.6	6.96	1.190	24.9	4.24	0.676
1.20	86.4	15.64	3.151	60.3	12.36	2.196	51.0	10.20	1.852	37.1	7.37	1.328	23.0	4.18	0.729
1.30	125.4	26.20	5.369	54.4	12.29	2.326	45.0	10.37	1.916	33.5	7.64	1.396	21.6	4.52	0.802
1.40	88.2	19.99	4.379	52.4	13.71	2.596	42.7	11.28	2.110	32.0	8.62	1.549	20.3	4.82	0.850
1.50	51.6	12.19	2.938	39.6	10.01	2.255	34.8	8.97	1.970	27.4	7.54	1.537	18.2	4.76	0.855
1.60	31.3	8.28	2.031	29.5	8.17	1.911	27.8	7.84	1.790	23.4	6.78	1.481	15.7	4.45	0.886
1.70	39.8	10.78	2.916	28.3	8.73	2.066	24.6	7.85	1.783	19.9	6.60	1.412	14.2	4.37	0.926
1.80	35.7	10.45	2.930	23.8	8.03	1.946	20.8	7.22	1.694	17.5	6.15	1.390	13.3	4.30	0.947
1.90	55.3	17.36	5.054	24.0	8.48	2.187	17.8	6.35	1.612	14.6	5.44	1.305	12.3	4.19	0.953
2.00	36.5	11.32	3.697	25.5	8.54	2.581	18.9	6.84	1.903	12.6	5.13	1.228	11.3	4.04	0.950
2.20	33.1	12.33	4.062	18.9	7.43	2.309	13.9	5.55	1.693	11.6	4.67	1.365	10.2	3.77	0.961
2.40	23.5	9.54	3.433	16.1	6.45	2.345	12.0	4.95	1.743	9.7	4.81	1.348	9.0	4.03	0.980
2.60	19.0	8.50	3.254	13.3	6.31	2.272	10.7	5.95	1.814	8.7	5.33	1.421	7.8	4.19	0.952
2.80	16.1	9.72	3.204	10.6	7.67	2.107	8.4	6.76	1.657	6.5	5.57	1.329	6.6	4.24	0.929
3.00	12.4	6.50	2.835	9.2	5.37	2.084	7.4	5.18	1.658	5.6	4.93	1.212	5.8	4.17	0.913
3.20	6.4	5.42	1.864	5.6	4.89	1.445	5.1	4.47	1.294	4.6	4.22	1.108	5.1	4.04	0.878
3.40	6.8	5.12	1.982	4.7	4.70	1.363	4.1	4.37	1.192	3.5	3.99	0.966	4.5	3.91	0.830
3.60	4.6	4.57	1.524	4.0	4.16	1.317	3.6	3.97	1.162	3.2	3.86	0.955	4.0	3.79	0.780
3.80	4.1	3.79	1.486	3.7	3.47	1.339	3.3	3.53	1.190	2.7	3.66	0.933	3.6	3.68	0.742
4.00	5.8	3.39	2.330	4.2	3.21	1.712	3.5	3.38	1.385	2.7	3.52	1.027	3.2	3.59	0.717

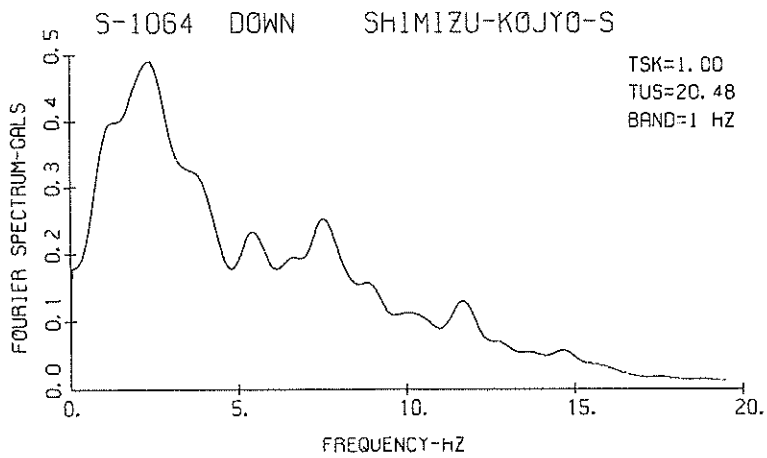
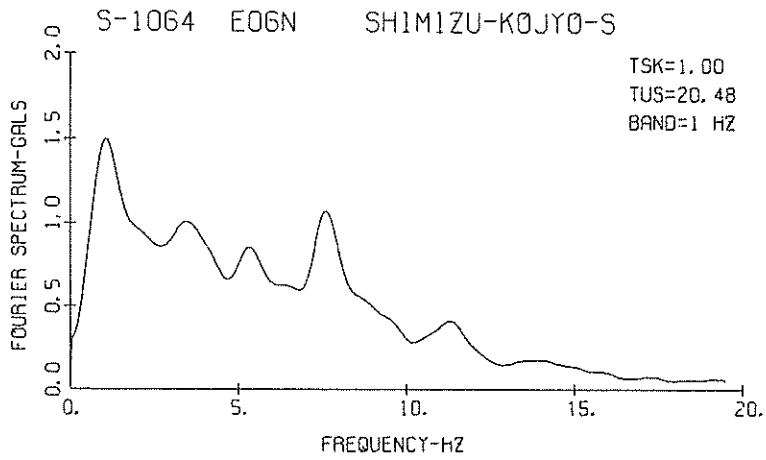
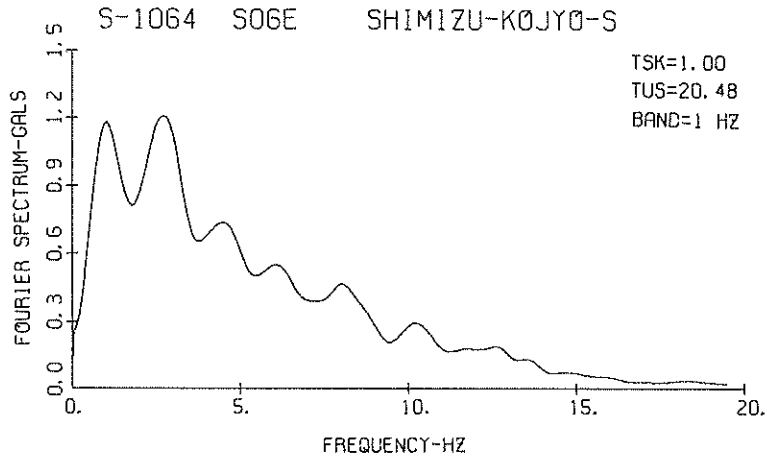
PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1064 COMPONENT = DOWN SIGNAL = GR. ACC. CORRECTION = MAX.GROUND ACC. = 16.54 (GAL) STATION = SHIMIZU-KOJYO-S  
 DATE AND TIME = 1978-01-15-07-31 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 16.54 (GAL)  
 TIME LENGTH = 30.00 (SEC) SKIPPED LENGTH = 0.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	25.6	0.17	0.002	18.5	0.09	0.001	18.5	0.08	0.001	18.8	0.07	0.001	18.7	0.06	0.001
0.10	84.8	1.29	0.021	31.6	0.46	0.008	36.5	0.33	0.007	26.5	0.31	0.007	23.5	0.22	0.006
0.15	93.2	2.06	0.053	41.7	0.88	0.024	36.5	0.78	0.021	28.1	0.60	0.016	22.5	0.42	0.012
0.20	68.5	2.16	0.069	39.8	1.10	0.040	33.2	0.90	0.034	24.7	0.76	0.025	21.0	0.56	0.020
0.25	140.1	5.47	0.222	56.8	2.28	0.089	44.7	1.79	0.070	32.1	1.22	0.050	21.4	0.68	0.031
0.30	127.3	5.97	0.290	44.9	2.14	0.102	30.5	1.66	0.069	27.9	1.18	0.063	20.4	0.86	0.042
0.35	81.5	4.59	0.253	55.6	2.43	0.139	42.0	2.43	0.139	32.3	1.77	0.098	19.7	1.02	0.056
0.40	195.6	12.36	0.793	58.0	3.73	0.235	42.3	2.69	0.171	30.7	1.95	0.122	19.9	1.09	0.074
0.45	86.1	6.08	0.442	47.8	3.41	0.245	40.4	2.77	0.206	29.1	2.04	0.147	19.5	1.24	0.090
0.50	57.3	4.54	0.363	32.3	2.83	0.204	28.6	2.55	0.180	25.4	1.99	0.157	18.2	1.34	0.101
0.55	48.1	4.19	0.369	28.7	2.62	0.220	24.6	2.38	0.187	22.5	1.89	0.168	16.6	1.39	0.110
0.60	77.4	7.36	0.706	40.4	3.97	0.368	29.6	2.97	0.289	21.4	2.22	0.190	15.8	1.42	0.122
0.65	33.9	3.48	0.362	22.0	2.61	0.235	20.7	2.58	0.220	18.4	2.23	0.192	14.6	1.44	0.131
0.70	21.4	2.88	0.265	19.5	2.55	0.241	18.4	2.45	0.227	16.4	2.12	0.198	13.3	1.43	0.136
0.75	46.2	5.45	0.658	20.9	2.84	0.297	17.6	2.35	0.248	14.4	1.96	0.199	11.8	1.42	0.137
0.80	72.3	9.26	1.172	29.3	3.80	0.475	18.5	2.40	0.298	11.6	1.93	0.181	10.4	1.45	0.136
0.85	35.3	4.91	0.647	20.5	2.96	0.374	17.4	2.46	0.316	12.6	1.73	0.225	9.2	1.47	0.134
0.90	50.5	7.19	1.037	21.5	3.06	0.441	17.4	2.43	0.354	12.4	1.70	0.250	8.2	1.47	0.135
0.95	30.1	4.61	0.689	19.9	3.12	0.454	15.6	2.38	0.355	11.6	1.65	0.260	7.4	1.47	0.132
1.00	54.5	8.67	1.381	26.4	4.03	0.689	19.1	2.87	0.480	12.7	1.96	0.315	7.2	1.47	0.169
1.10	21.1	3.91	0.645	15.1	2.75	0.463	13.9	2.62	0.422	10.9	2.14	0.326	7.1	1.47	0.197
1.20	12.0	2.48	0.440	10.8	2.32	0.394	10.6	2.35	0.366	9.4	2.00	0.337	6.6	1.44	0.212
1.30	26.6	5.52	1.140	14.6	3.15	0.625	11.1	2.40	0.471	8.3	1.80	0.345	5.9	1.42	0.217
1.40	18.6	3.95	0.925	10.9	2.26	0.538	7.5	1.87	0.369	6.2	1.63	0.299	5.1	1.37	0.217
1.50	17.9	4.07	1.020	10.8	2.78	0.616	8.5	2.15	0.480	6.0	1.50	0.338	4.4	1.30	0.214
1.60	10.7	2.60	0.697	7.1	1.89	0.460	7.0	1.83	0.449	5.6	1.42	0.355	4.1	1.22	0.227
1.70	14.5	4.11	1.058	8.3	2.34	0.607	6.2	1.75	0.453	4.7	1.33	0.336	3.9	1.15	0.242
1.80	8.9	2.72	0.731	7.0	2.18	0.574	5.9	1.80	0.479	4.6	1.36	0.371	3.6	1.09	0.259
1.90	7.3	2.46	0.672	6.7	2.20	0.611	6.1	1.94	0.551	4.8	1.46	0.429	3.6	1.11	0.274
2.00	10.9	3.70	1.100	8.2	2.66	0.830	6.6	2.06	0.666	4.8	1.41	0.472	3.4	1.14	0.284
2.20	9.3	3.35	1.141	6.7	2.33	0.825	5.7	1.93	0.694	4.2	1.53	0.504	3.0	1.19	0.288
2.40	12.0	4.82	1.751	7.1	2.99	1.030	5.3	2.32	0.764	3.8	1.74	0.531	2.5	1.19	0.292
2.60	5.7	2.68	0.975	4.2	2.13	0.721	3.6	1.85	0.615	2.8	1.54	0.465	2.3	1.14	0.278
2.80	4.5	2.17	0.891	3.3	1.73	0.655	2.9	1.53	0.575	2.4	1.34	0.457	2.1	1.13	0.325
3.00	3.7	2.24	0.851	2.8	1.94	0.639	2.5	1.71	0.561	2.1	1.38	0.449	2.1	1.15	0.378
3.20	6.4	3.38	1.412	3.4	2.07	0.869	2.4	1.69	0.630	2.0	1.45	0.486	2.1	1.18	0.432
3.40	6.2	3.54	1.811	3.4	2.26	1.001	2.3	1.96	0.670	2.0	1.59	0.559	2.1	1.20	0.490
3.60	4.0	2.48	1.328	2.7	1.92	0.879	2.1	1.74	0.671	2.1	1.53	0.634	2.1	1.20	0.552
3.80	2.3	1.73	0.832	2.2	1.56	0.783	2.1	1.42	0.759	2.1	1.38	0.714	2.0	1.21	0.614
4.00	2.2	1.43	0.903	2.2	1.34	0.872	2.1	1.32	0.844	2.1	1.29	0.792	2.0	1.21	0.675

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)



FOURIER SPECTRA

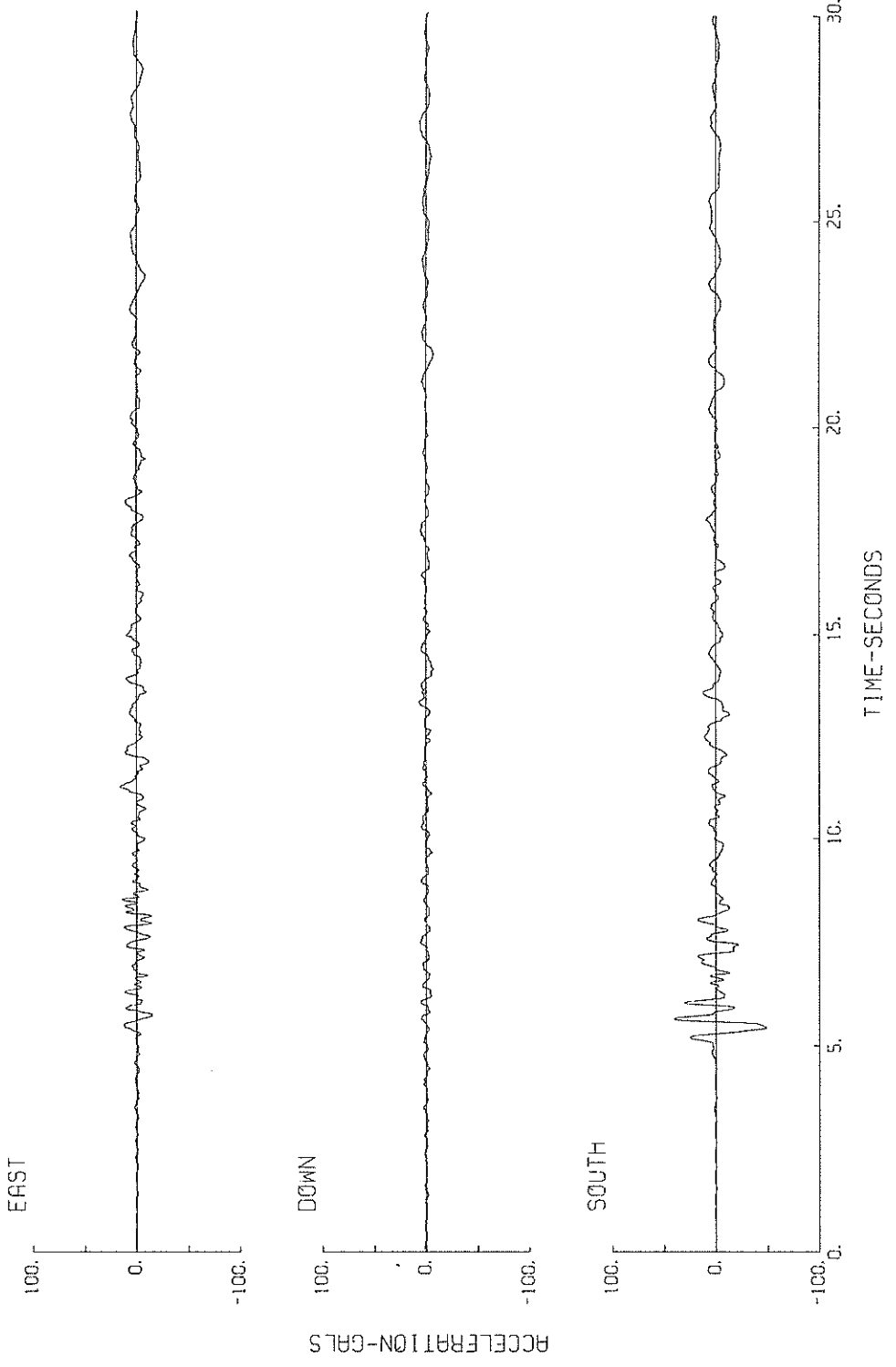
RECORD NUMBER S-1069  
 STATION SHIMIZU-MIHO-S

EARTHQUAKE DATA

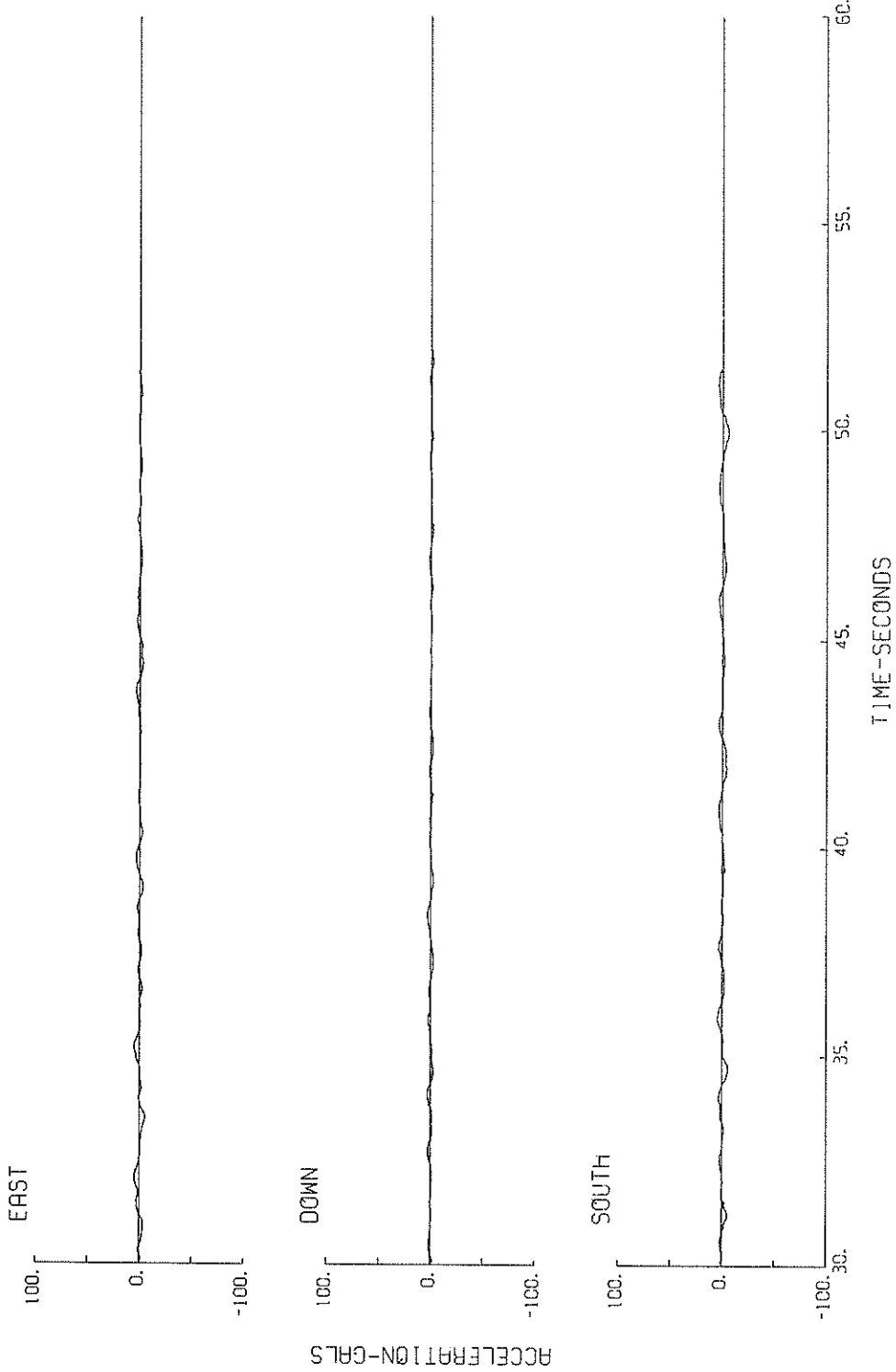
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*****
*
* DATE AND TIME 07:31 JANUARY 15, 1978 *
*
* LOCATION OF HYPOCENTER *
* EPICENTRAL REGION CENTRAL IZU PEN. *
* LATITUDE 34.8° N *
* LONGITUDE 138.9° E *
* DEPTH 20 KM *
*
* MAGNITUDE 5.8 *
*
*****
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PARAMETER OF THE VARIABLE FILTER	COMPONENT		
	EAST	SOUTH	DOWN
FC (HZ)	0.278	0.266	0.437
MAXIMUM ACCELERATION (GAL)			
ORIGINAL	16.0	48.8	7.5
SMAC-B2 EQUIVALENT CORRECTED	24.2	57.4	8.5
MAXIMUM VELOCITY (CM/SEC.)			
FIXED FILTER	2.18	6.73	1.67
VARIABLE FILTER	1.86	5.78	1.12
MAXIMUM DISPLACEMENT (CM)			
FIXED FILTER	1.02	1.17	0.64
VARIABLE FILTER	0.57	0.93	0.27

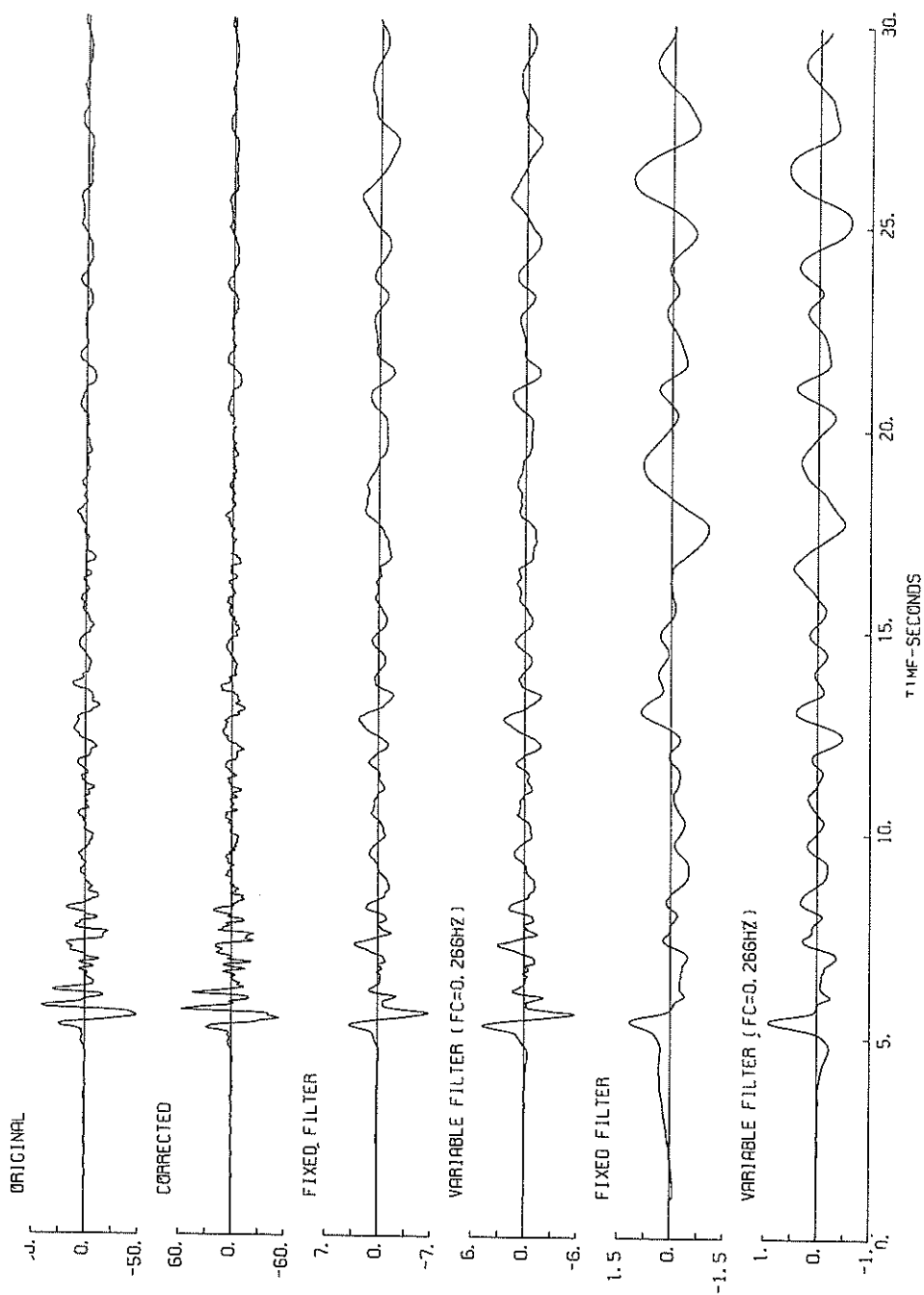
S-1069 SHIMIZU-MIHO-S



S-1069 SHIMIZU-MIHO-S

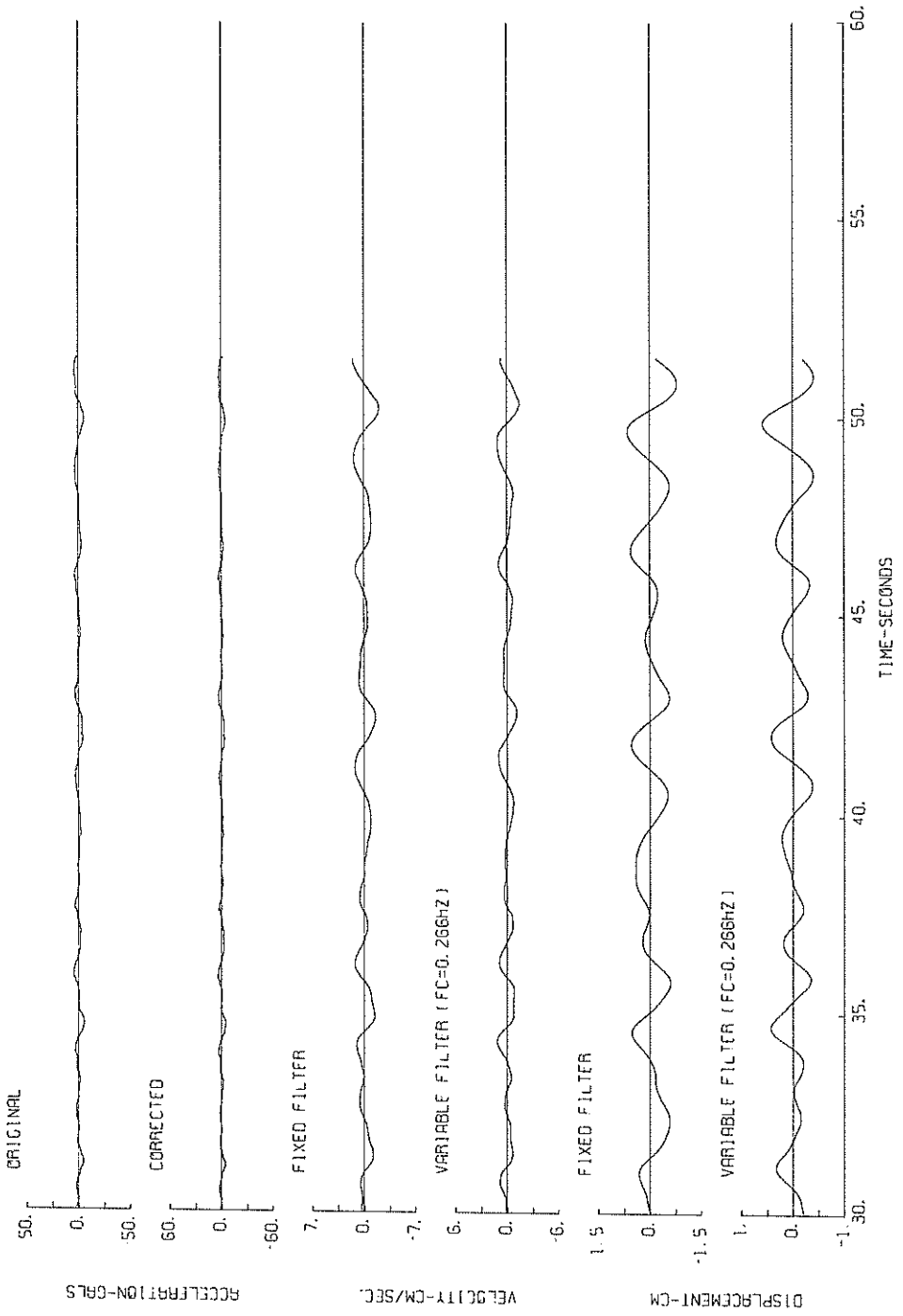


S-1069 SOUTH SHIMIZU-MIHO-S

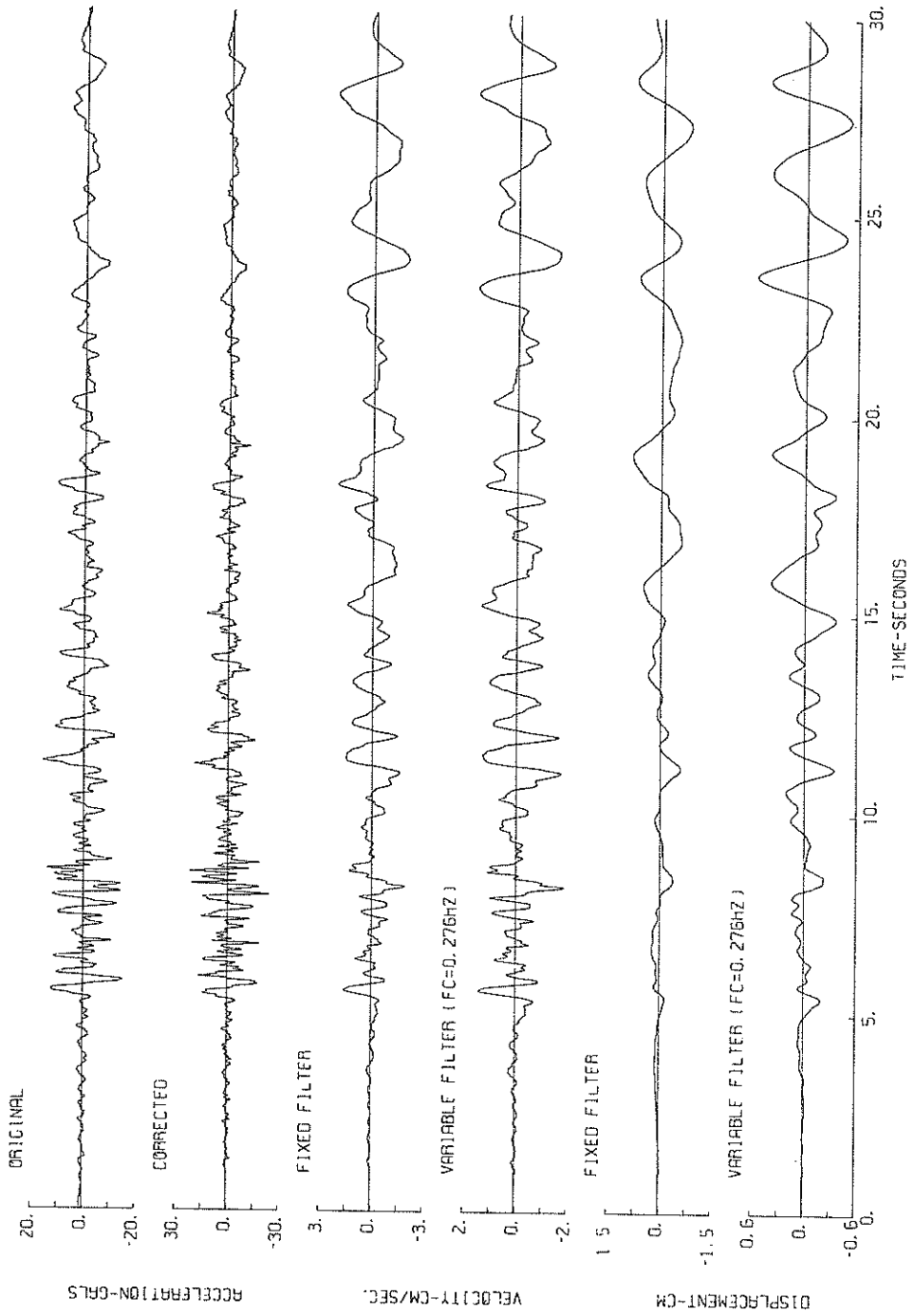




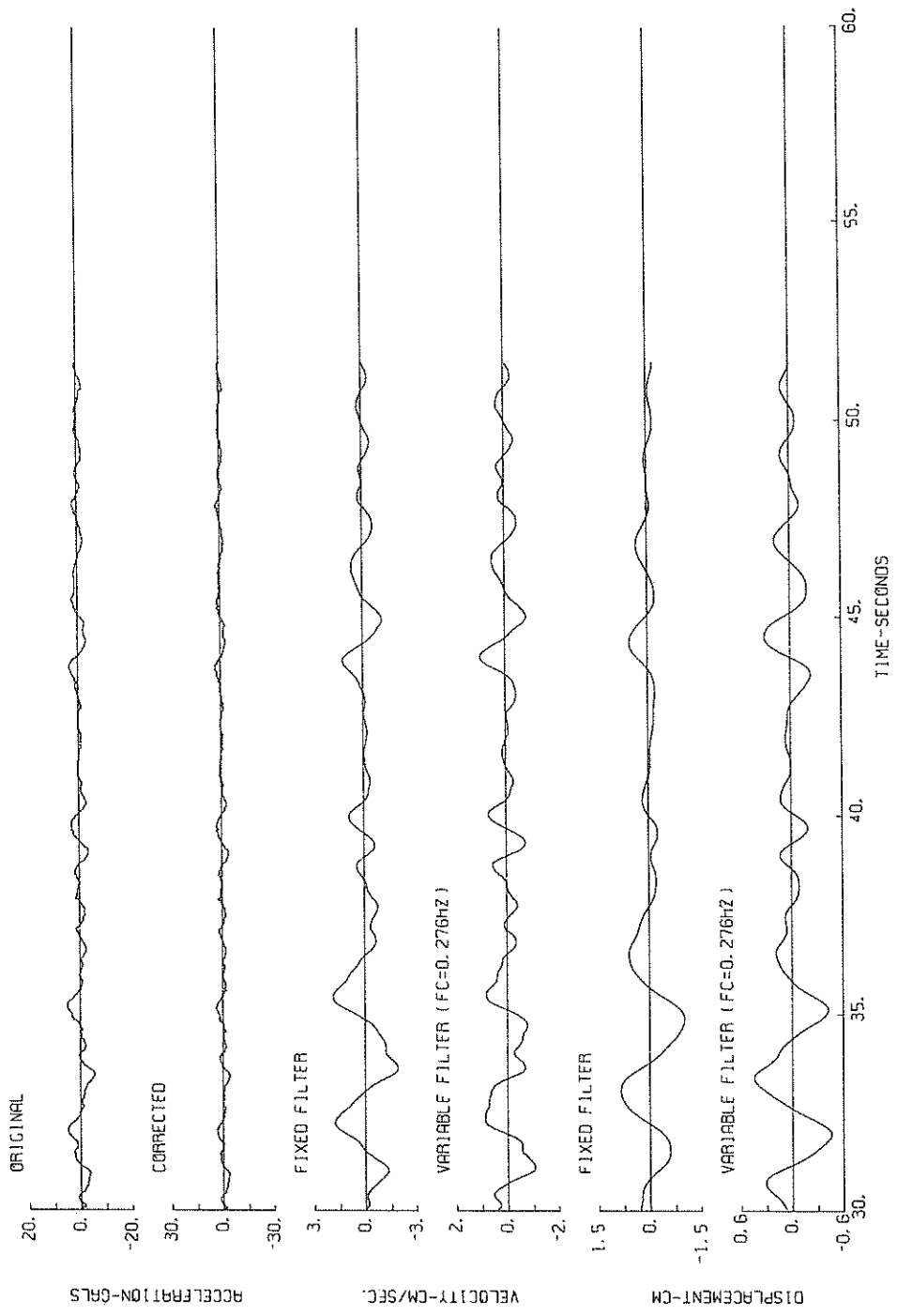
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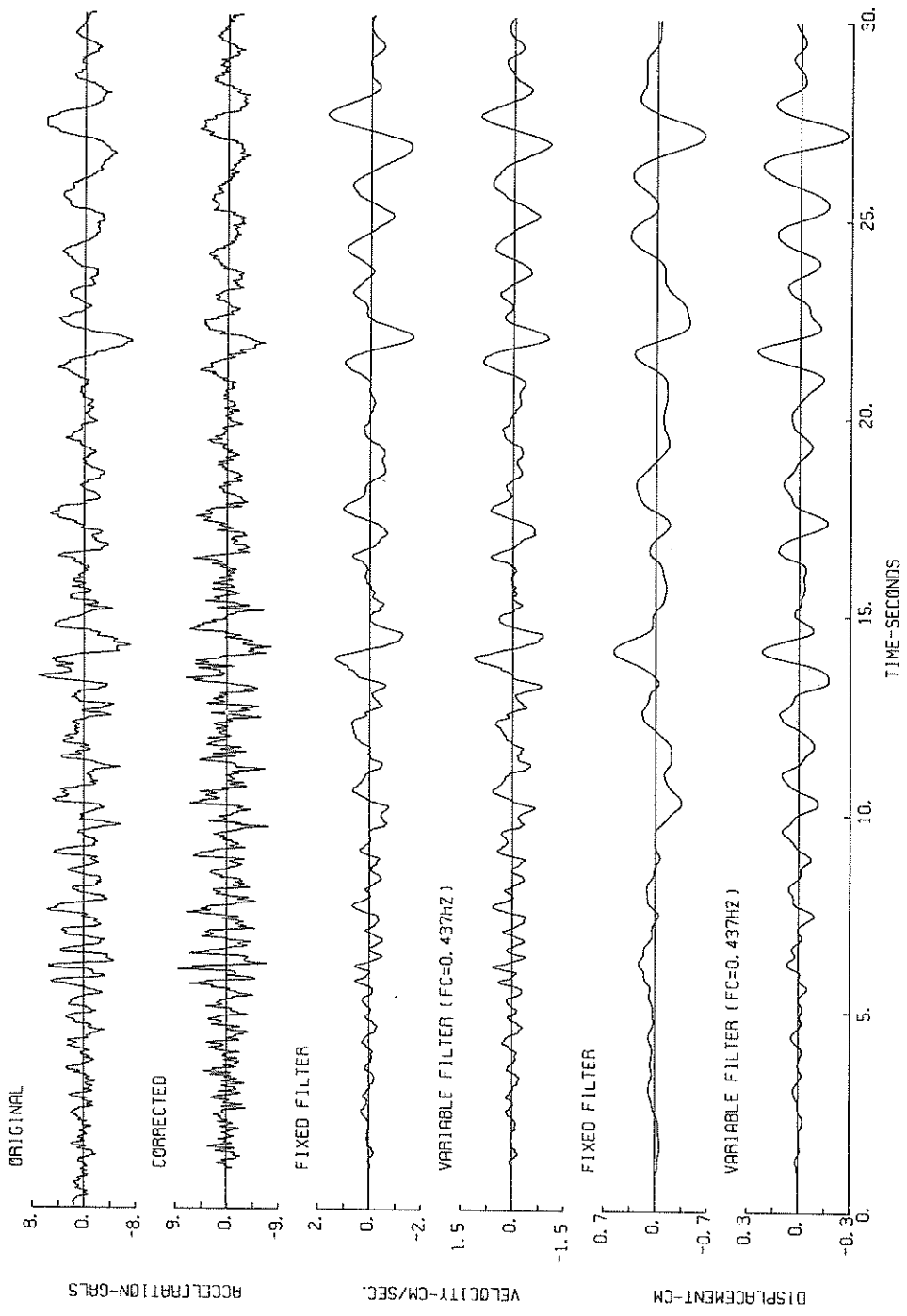
S-1069 EAST SHIMIZU-MIHO-S



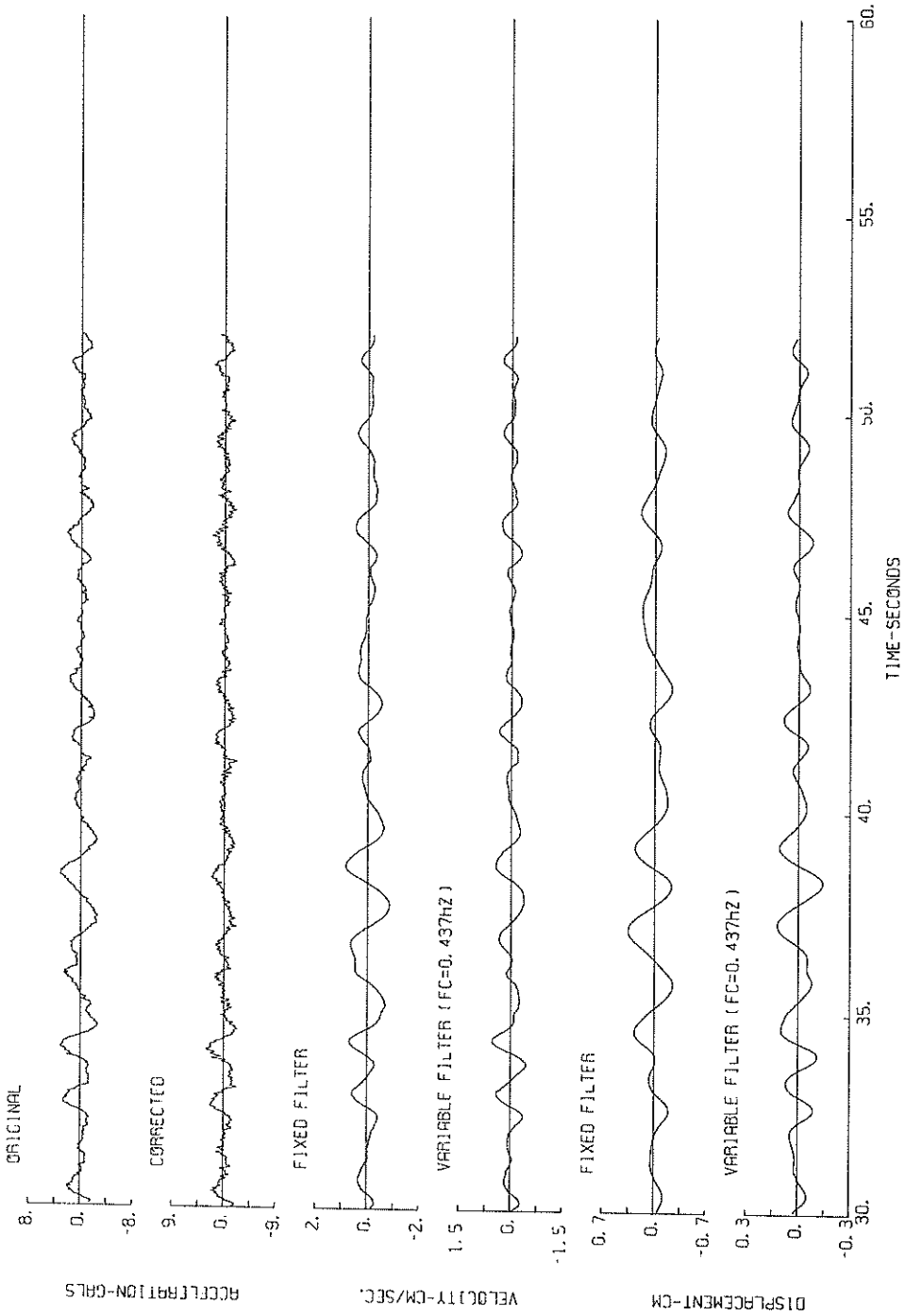
S-1069 EAST SHIMIZU-MIH0-S



S-1069 DOWN SHIMIZU-MIHO-S

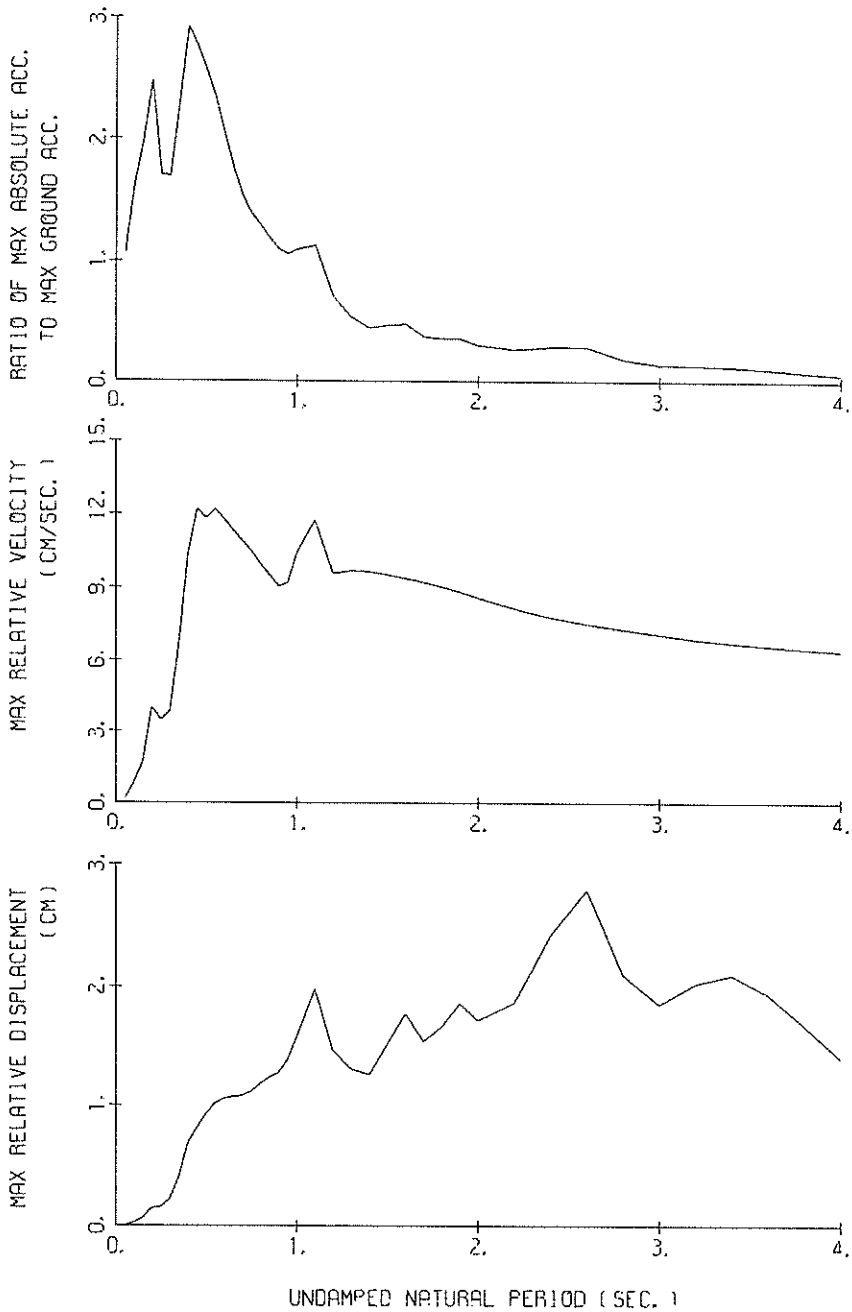


S-1069 DOWN SHIMIZU-MIHO-S



S-1069 SOUTH SHIMIZU-MIHO-S

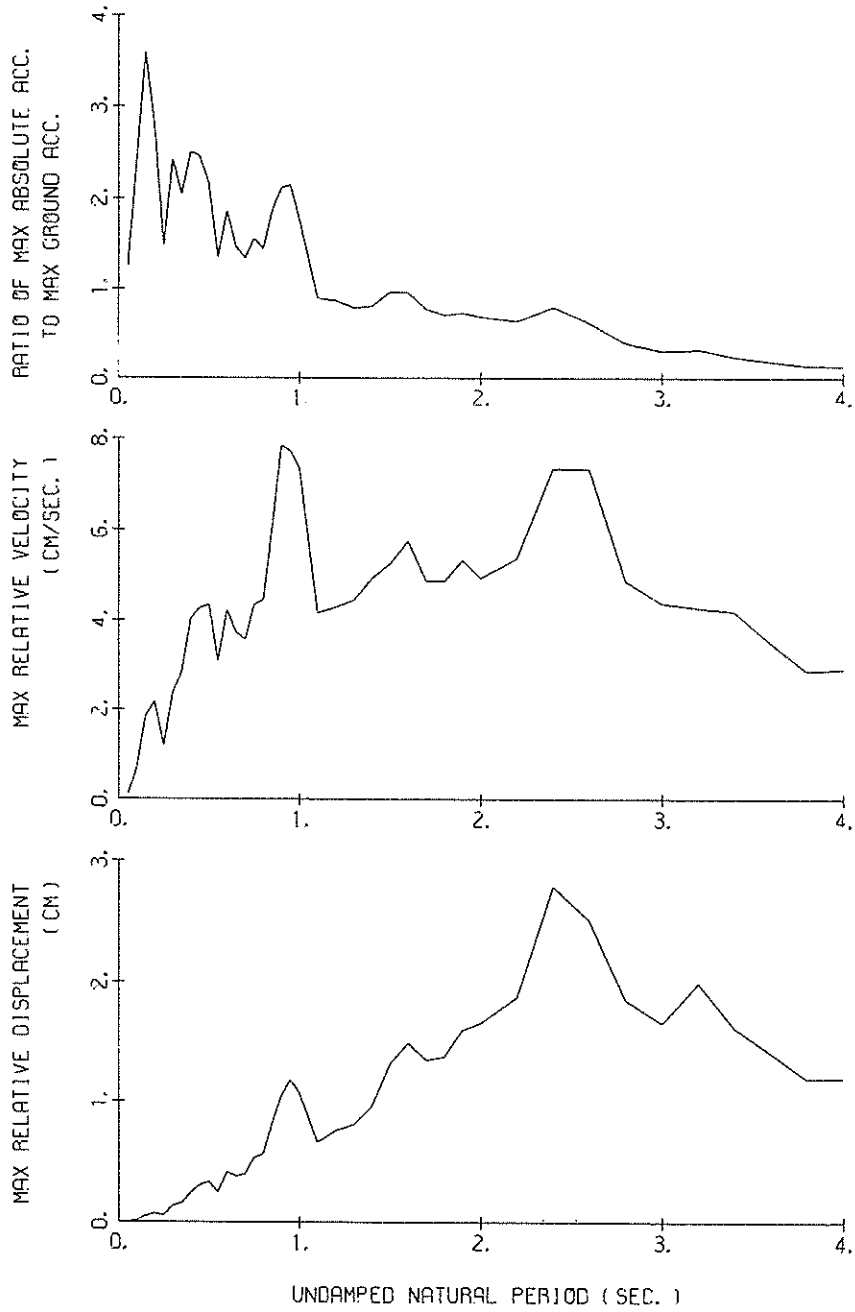
( $1/FC=3.76$  sec.)



RESPONSE SPECTRA (H=0.05)

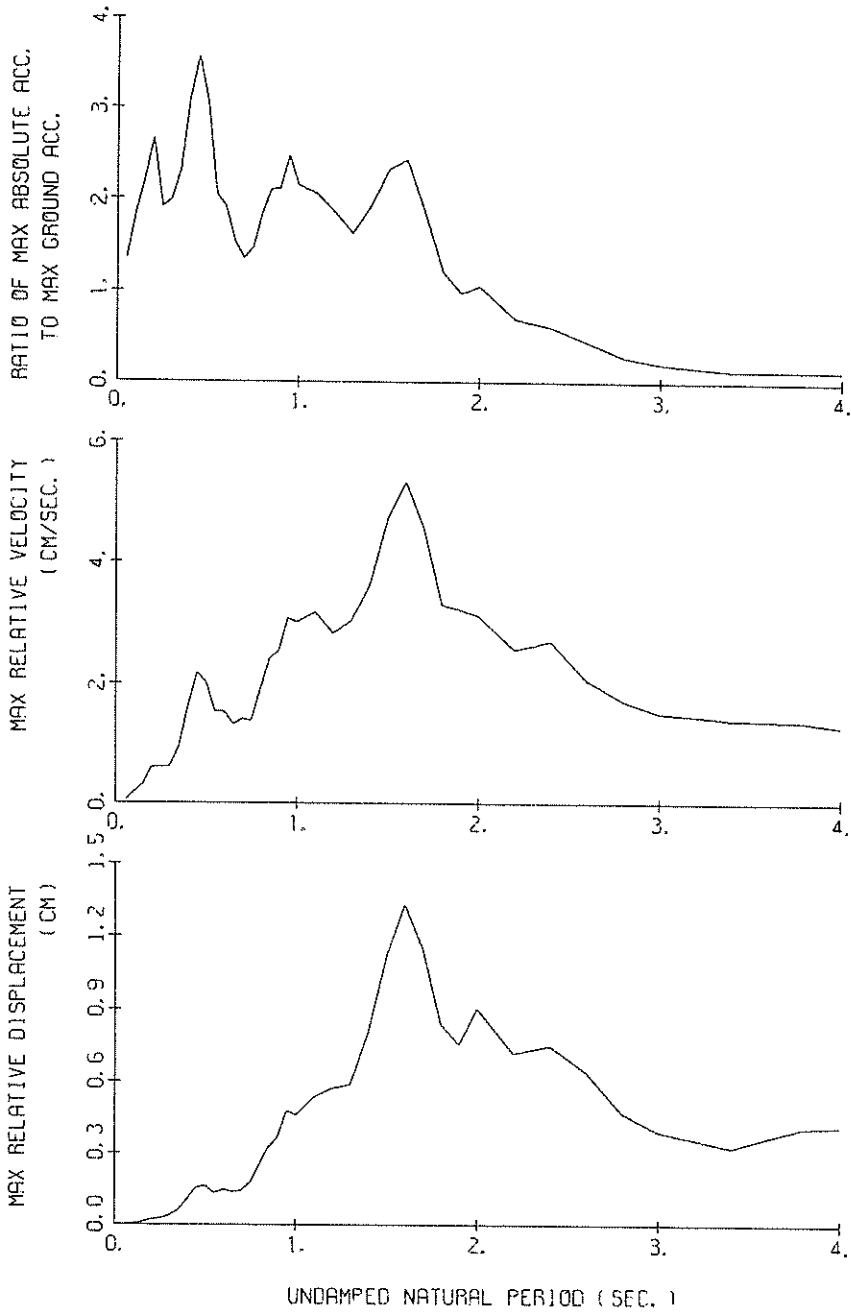
S-1069 EAST SHIMIZU-MIHO-S

( $1/FC=3.60$  sec.)



RESPONSE SPECTRA ( $H=0.05$ )

S-1069 DOWN SHIMIZU-MIHOS  
( $1/FC=3.29$  sec.)



RESPONSE SPECTRA ( $H=0.05$ )



RESPONSE SPECTRUM

RECORD = S-1069 COMPONENT = SOUTH SIGNAL = GR. ACC. CORRECTION = STATION = SHIMIZU-MIHO-S  
 DATE AND TIME = 1978-01-15-07-31 SAMPLING INTERVAL = 0.0100(SEC) MAX.GROUND ACC. = 57.36 (GAL)  
 TIME LENGTH = 30.00 (SEC) SKIPPED LENGTH = 1.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	61.1	0.15	0.004	59.9	0.15	0.004	60.4	0.15	0.004	61.0	0.14	0.004	61.5	0.13	0.004
0.10	178.2	2.65	0.045	100.3	1.03	0.025	92.4	0.82	0.023	92.4	0.82	0.023	91.9	0.82	0.023
0.15	179.3	4.21	0.102	118.4	1.90	0.067	113.4	1.70	0.064	105.8	1.45	0.059	89.6	1.19	0.048
0.20	220.8	6.80	0.224	172.2	5.10	0.174	142.0	4.00	0.143	107.9	3.20	0.108	88.9	1.76	0.084
0.25	103.6	4.06	0.164	100.2	3.75	0.158	97.5	3.47	0.154	94.0	3.02	0.146	84.7	2.22	0.125
0.30	110.4	4.00	0.252	102.4	3.85	0.233	97.0	3.85	0.220	92.5	3.66	0.208	85.7	2.86	0.180
0.35	198.4	10.40	0.616	144.9	7.87	0.449	131.6	6.75	0.406	117.4	5.53	0.358	91.3	4.00	0.258
0.40	434.4	27.44	1.761	201.4	12.85	0.816	167.9	10.37	0.679	132.3	7.69	0.525	93.5	5.19	0.339
0.45	281.5	19.15	1.444	194.0	14.51	0.993	158.3	12.21	0.808	132.7	8.89	0.667	89.8	6.15	0.406
0.50	290.0	23.18	1.836	164.1	13.47	1.036	146.9	11.82	0.924	122.9	9.82	0.763	81.9	6.81	0.476
0.55	170.4	16.33	1.305	149.5	13.99	1.146	134.0	12.19	1.022	110.6	10.34	0.831	78.8	7.19	0.556
0.60	205.7	19.13	1.876	128.0	12.57	1.164	116.4	11.38	1.056	97.4	10.36	0.869	76.3	7.38	0.629
0.65	161.6	17.34	1.729	117.4	12.26	1.285	100.6	11.30	1.070	85.3	10.07	0.890	73.2	7.37	0.693
0.70	148.0	16.27	1.837	96.4	11.57	1.195	87.6	10.89	1.081	79.7	9.73	0.959	69.6	7.23	0.750
0.75	152.0	17.96	2.166	84.2	11.17	1.198	79.4	10.46	1.122	74.3	9.31	1.025	65.9	6.98	0.800
0.80	85.3	11.53	1.382	77.1	10.67	1.247	73.9	9.95	1.187	69.1	8.81	1.081	62.1	6.67	0.843
0.85	103.9	13.80	1.902	70.9	10.20	1.295	68.1	9.49	1.235	63.9	8.31	1.125	58.4	6.31	0.878
0.90	106.5	14.27	2.185	65.5	9.73	1.341	62.7	9.06	1.276	58.8	7.91	1.160	54.8	6.27	0.908
0.95	188.4	28.47	4.308	84.0	12.57	1.917	60.9	9.21	1.364	54.0	8.12	1.186	51.3	6.52	0.930
1.00	123.0	19.26	3.115	84.2	13.40	2.129	62.7	10.42	1.580	49.4	8.36	1.201	47.9	6.75	0.946
1.10	197.1	34.07	6.042	97.9	17.31	2.997	64.9	11.74	1.978	41.4	8.69	1.216	41.8	7.15	0.965
1.20	55.8	12.40	2.036	45.4	10.41	1.653	40.3	9.57	1.461	34.9	8.96	1.217	36.5	7.45	0.969
1.30	59.3	12.12	2.538	34.8	10.01	1.886	30.7	9.69	1.305	29.2	9.11	1.193	31.8	7.65	0.958
1.40	48.0	10.54	2.384	28.0	9.92	1.990	25.4	9.64	1.254	24.3	9.12	1.151	27.8	7.80	0.936
1.50	44.3	11.05	2.524	32.1	9.75	1.826	26.8	9.52	1.522	20.2	9.07	1.105	24.5	7.88	0.907
1.60	85.2	21.61	5.522	41.7	10.40	2.700	27.5	9.38	1.774	17.3	8.98	1.105	21.6	7.91	0.871
1.70	24.7	9.60	1.806	22.9	9.41	1.676	21.1	9.23	1.539	15.6	8.87	1.120	19.1	7.90	0.833
1.80	30.2	9.36	2.475	25.1	9.19	2.059	20.4	9.04	1.663	14.2	8.73	1.143	17.1	7.86	0.792
1.90	60.0	17.88	5.491	30.5	8.94	2.785	20.4	8.82	1.858	13.2	8.57	1.181	15.3	7.81	0.764
2.00	31.0	10.85	3.140	22.0	8.67	2.222	17.1	8.58	1.717	13.0	8.39	1.277	13.8	7.75	0.790
2.20	29.1	11.02	3.570	19.2	8.19	2.356	15.3	8.15	1.865	11.5	8.05	1.365	11.4	7.61	0.833
2.40	29.6	11.09	4.319	22.0	8.49	3.207	16.6	7.80	2.418	11.4	7.75	1.639	9.7	7.46	0.927
2.60	39.5	15.92	6.769	23.3	9.48	3.982	16.4	7.52	2.791	11.0	7.50	1.834	8.4	7.32	1.033
2.80	19.1	9.63	3.601	13.7	7.28	2.707	10.7	7.29	2.101	8.3	7.29	1.598	7.7	7.18	1.088
3.00	14.2	7.39	3.234	9.9	7.07	2.256	8.2	7.09	1.848	6.9	7.11	1.526	7.1	7.06	1.110
3.20	10.4	6.86	2.699	9.1	6.89	2.361	7.9	6.91	2.024	6.5	6.94	1.638	6.6	6.94	1.111
3.40	10.8	6.68	3.162	8.5	6.72	2.479	7.2	6.75	2.096	5.9	6.80	1.663	6.1	6.84	1.089
3.60	9.0	6.54	2.946	7.0	6.58	2.301	5.9	6.62	1.934	4.9	6.68	1.534	5.7	6.75	1.045
3.80	6.1	6.41	2.230	5.2	6.46	1.905	4.6	6.50	1.677	3.9	6.57	1.378	5.3	6.67	0.986
4.00	3.6	6.31	1.462	3.6	6.36	1.455	3.5	6.41	1.395	3.3	6.48	1.247	5.0	6.60	0.970

PER = PERIOD (SEC) AA = ABSOLUTE ACC. (GAL) RV = RELATIVE VELOCITY (CM/SEC) RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = S-1069      COMPONENT = EAST      SIGNAL = GR. ACC.      CORRECTION =      STATION = SHIMIZU-NIHO-S  
 DATE AND TIME = 1978-01-15-07-31      SAMPLING INTERVAL = 0.0100(SEC)      MAX.GROUND ACC. = 24.17 (GAL)  
 TIME LENGTH = 30.00 (SEC)      SKIPPED LENGTH = 1.00 (SEC)

PER	DAMPING = 0.0			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	29.4	0.12	0.002	30.4	0.08	0.002	29.7	0.08	0.002	29.0	0.07	0.002	28.2	0.07	0.002
0.10	177.3	2.55	0.045	69.2	0.86	0.018	57.0	0.67	0.014	47.2	0.50	0.012	37.2	0.32	0.009
0.15	146.5	3.26	0.064	99.0	2.21	0.056	86.7	1.85	0.049	56.6	1.35	0.033	36.9	0.71	0.019
0.20	128.5	3.92	0.128	81.1	2.61	0.082	67.3	2.18	0.068	49.6	1.64	0.049	34.1	0.97	0.031
0.25	95.9	3.51	0.152	47.8	1.65	0.076	55.5	1.19	0.058	31.6	1.02	0.049	30.7	0.98	0.043
0.30	97.0	4.23	0.228	69.3	3.02	0.158	58.5	2.37	0.133	45.0	1.89	0.102	30.4	1.37	0.061
0.35	96.0	5.35	0.298	61.7	3.50	0.192	49.2	2.86	0.153	27.1	2.48	0.131	27.1	1.68	0.079
0.40	152.2	9.68	0.617	85.5	5.58	0.346	60.5	4.06	0.244	42.6	2.86	0.169	28.9	1.74	0.108
0.45	105.5	7.47	0.541	75.0	5.42	0.385	59.3	4.28	0.303	42.0	3.05	0.212	28.8	1.90	0.133
0.50	117.3	9.13	0.743	67.7	5.56	0.429	52.3	4.36	0.359	36.7	3.02	0.227	27.1	1.93	0.151
0.55	90.9	7.97	0.696	44.8	3.79	0.343	33.4	3.10	0.247	30.0	2.82	0.225	24.8	1.90	0.166
0.60	196.1	18.49	1.789	70.3	6.62	0.640	45.0	4.23	0.409	30.0	2.79	0.269	22.6	1.90	0.179
0.65	63.1	6.40	0.470	43.9	4.30	0.470	35.1	3.73	0.374	28.3	2.95	0.297	20.5	2.04	0.190
0.70	126.5	13.74	1.570	48.3	5.32	0.599	32.2	3.57	0.397	25.1	2.83	0.305	19.9	2.13	0.223
0.75	106.9	12.48	1.523	50.0	5.76	0.711	37.5	4.77	0.552	28.0	3.30	0.392	20.3	2.19	0.258
0.80	47.0	5.73	0.762	39.2	5.20	0.634	37.6	4.46	0.558	29.6	3.72	0.471	20.3	2.32	0.290
0.85	112.2	15.32	2.054	63.0	8.29	1.152	45.2	6.09	0.822	32.6	4.22	0.584	19.9	2.51	0.318
0.90	123.5	17.25	2.535	68.2	10.33	1.398	51.1	7.84	1.043	34.1	4.93	0.686	19.1	2.73	0.359
0.95	127.2	19.16	2.907	73.3	10.93	1.672	51.8	7.72	1.178	32.9	5.32	0.736	19.5	2.86	0.399
1.00	97.3	14.93	2.464	55.1	9.44	1.395	42.6	7.35	1.072	30.7	5.24	0.756	19.3	2.91	0.426
1.10	31.5	5.55	0.964	21.6	4.18	0.662	21.5	4.16	0.654	22.0	4.11	0.653	17.6	2.83	0.450
1.20	54.5	10.92	1.988	26.8	4.85	0.978	20.8	4.30	0.754	18.6	3.66	0.656	15.4	2.68	0.452
1.30	44.9	9.20	1.924	24.3	4.85	1.038	18.9	4.45	0.804	16.2	3.95	0.671	13.2	2.82	0.444
1.40	29.4	6.64	1.461	20.5	5.47	1.019	19.3	4.93	0.954	16.2	4.16	0.793	11.0	2.90	0.492
1.50	46.8	11.16	2.665	28.6	6.67	1.626	23.2	5.25	1.317	16.9	4.04	0.945	10.4	2.92	0.532
1.60	63.6	16.23	4.125	33.6	8.37	2.179	23.1	5.76	1.491	15.2	3.75	0.964	10.0	2.88	0.587
1.70	35.7	9.85	2.613	24.4	6.62	1.785	18.5	4.87	1.344	13.6	3.72	0.975	9.7	2.82	0.632
1.80	42.8	12.35	3.509	23.7	6.74	1.943	16.8	4.87	1.375	12.0	3.56	0.967	9.3	2.74	0.675
1.90	37.4	11.69	3.419	23.5	7.27	2.144	17.6	5.34	1.600	13.1	3.74	1.173	9.0	2.65	0.715
2.00	23.4	7.35	2.567	19.0	5.75	1.920	16.4	4.93	1.658	13.1	3.90	1.296	8.6	2.57	0.750
2.20	21.6	7.46	2.647	17.7	5.89	2.165	15.4	5.37	1.876	12.1	4.46	1.449	8.2	2.74	0.848
2.40	37.7	15.13	5.507	25.4	9.91	3.696	19.2	7.35	2.788	12.9	4.95	1.837	7.5	2.92	0.940
2.60	25.0	11.34	4.278	18.7	8.94	3.198	14.8	7.32	2.912	10.5	5.38	1.745	6.3	3.12	0.927
2.80	14.3	6.82	2.830	10.1	5.06	2.006	9.4	4.86	1.848	8.3	4.54	1.604	5.8	3.11	0.989
3.00	11.0	5.47	2.519	8.5	4.68	1.937	7.5	4.36	1.635	6.9	3.95	1.519	5.3	2.95	1.000
3.20	11.1	6.71	3.388	9.6	5.10	2.474	7.7	4.27	1.992	6.1	3.41	1.519	4.6	2.73	0.979
3.40	7.9	5.47	2.322	6.5	4.76	1.907	5.6	4.18	1.615	4.8	3.40	1.337	4.0	2.48	0.934
3.60	5.1	3.83	1.661	4.7	3.71	1.550	4.3	3.51	1.405	3.6	3.08	1.153	3.5	2.29	0.876
3.80	4.2	3.27	1.532	3.6	2.95	1.312	3.3	2.87	1.190	2.9	2.70	1.028	3.0	2.28	0.818
4.00	3.9	3.40	1.576	3.3	3.11	1.346	3.0	2.91	1.193	2.6	2.66	1.002	2.6	2.27	0.770

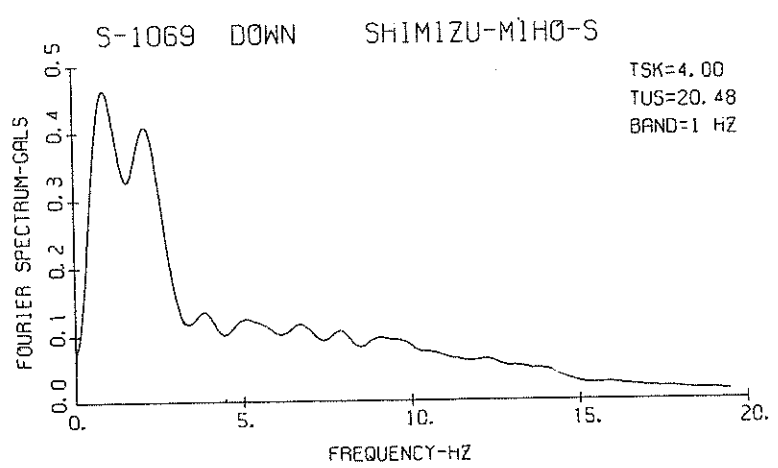
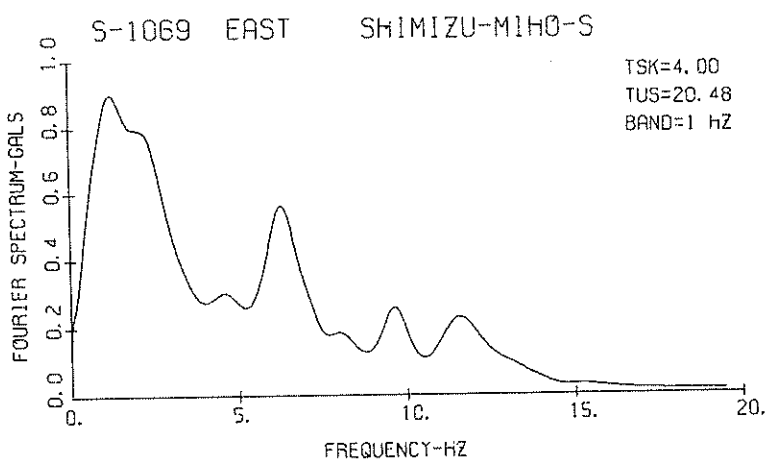
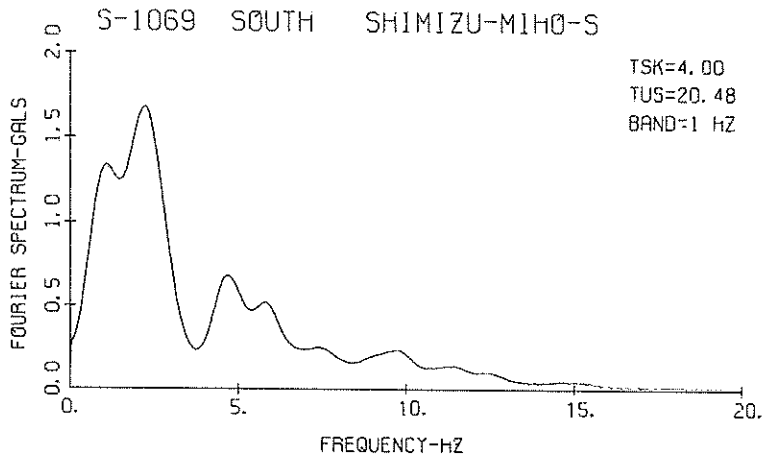
PER = PERIOD (SEC)      AA = ABSOLUTE ACC. (GAL)      RV = RELATIVE VELOCITY (CM/SEC)      RD = RELATIVE DISPLACEMENT (CM)

RESPONSE SPECTRUM

RECORD = 5-1069      COMPONENT = DOWN      SIGNAL = GR. ACC.      CORRECTION =      STATION = SHIMIZU-MIHO-S  
 DATE AND TIME = 1978-01-15-07-31      SAMPRING INTERVAL = 0.0100(SEC)      MAX.GROUND ACC. = 8.49 (GAL)  
 TIME LENGTH = 30.00 (SEC)      SKIPPED LENGTH = 1.00 (SEC)

PER	DAMPING = 0.			DAMPING = 0.025			DAMPING = 0.050			DAMPING = 0.100			DAMPING = 0.250		
	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD	AA	RV	RD
0.05	31.9	0.22	0.002	11.6	0.03	0.001	11.4	0.03	0.001	11.0	0.03	0.001	10.4	0.02	0.001
0.10	84.2	1.35	0.021	19.5	0.26	0.005	18.7	0.31	0.014	13.4	0.14	0.003	11.4	0.09	0.003
0.15	96.8	2.20	0.055	22.2	0.45	0.013	15.6	0.61	0.031	15.8	0.25	0.009	11.8	0.17	0.006
0.20	60.1	1.75	0.061	27.5	0.82	0.028	22.5	0.60	0.023	17.3	0.42	0.017	11.8	0.25	0.011
0.25	78.1	3.02	0.124	24.1	0.86	0.038	16.2	0.61	0.026	13.3	0.45	0.021	11.4	0.35	0.016
0.30	27.3	1.24	0.062	18.1	0.88	0.041	16.9	0.61	0.038	15.2	0.58	0.034	11.4	0.47	0.024
0.35	22.3	1.13	0.069	19.5	0.97	0.060	19.5	0.95	0.060	17.3	0.87	0.053	11.3	0.60	0.032
0.40	73.3	4.62	0.297	33.0	1.96	0.134	26.2	1.63	0.106	19.3	1.17	0.077	10.8	0.67	0.040
0.45	70.9	4.88	0.363	43.2	3.06	0.221	30.3	2.18	0.154	16.7	1.39	0.094	10.8	0.69	0.049
0.50	59.9	4.89	0.379	36.9	2.94	0.234	25.9	2.02	0.163	16.8	1.20	0.105	10.2	0.65	0.060
0.55	25.5	2.23	0.195	19.0	1.78	0.146	17.3	1.54	0.132	14.3	1.20	0.108	9.8	0.74	0.070
0.60	38.1	3.60	0.347	21.8	1.99	0.198	16.2	1.54	0.147	12.8	1.20	0.114	9.2	0.79	0.077
0.65	30.4	3.17	0.326	15.3	1.56	0.164	13.0	1.33	0.138	10.8	1.16	0.113	8.8	0.80	0.086
0.70	46.2	4.94	0.573	16.2	1.75	0.201	11.5	1.42	0.142	9.5	1.16	0.116	8.7	0.77	0.099
0.75	23.9	2.46	0.340	16.4	1.82	0.234	12.5	1.39	0.177	10.2	1.09	0.144	8.9	0.78	0.116
0.80	39.9	4.90	0.646	20.0	2.54	0.324	15.6	1.93	0.252	12.5	1.43	0.199	9.3	0.88	0.137
0.85	60.5	7.84	1.108	23.9	3.13	0.436	17.9	2.43	0.326	13.9	1.70	0.250	9.6	1.04	0.159
0.90	54.4	7.71	1.117	24.7	3.50	0.506	17.9	2.54	0.366	14.1	2.00	0.285	9.7	1.17	0.180
0.95	63.4	9.33	1.448	30.3	4.54	0.692	20.9	3.08	0.477	14.3	2.48	0.321	9.7	1.26	0.198
1.00	41.6	6.65	1.053	22.5	3.60	0.569	18.2	3.01	0.459	14.5	2.32	0.360	9.6	1.36	0.214
1.10	30.7	5.35	0.942	20.9	3.89	0.641	17.5	3.18	0.534	13.7	2.36	0.411	8.9	1.52	0.240
1.20	30.2	5.92	1.102	19.9	3.73	0.723	15.8	3.04	0.573	12.1	2.26	0.434	8.3	1.62	0.268
1.30	28.0	5.45	1.197	17.9	3.89	0.765	13.8	3.04	0.588	10.6	2.35	0.444	7.9	1.70	0.303
1.40	37.6	8.55	1.865	23.0	4.97	1.142	16.3	3.61	0.807	11.1	2.80	0.537	7.6	1.73	0.340
1.50	61.3	14.65	3.496	28.3	6.85	1.611	19.7	4.71	1.119	13.2	3.03	0.740	7.5	1.71	0.390
1.60	30.6	7.91	1.986	26.6	6.84	1.726	20.6	5.33	1.331	13.3	3.48	0.845	7.5	1.73	0.436
1.70	34.1	9.62	2.494	20.6	5.94	1.507	15.8	4.56	1.147	11.5	3.27	0.825	7.2	1.78	0.462
1.80	16.6	5.07	1.363	12.6	3.91	1.029	10.3	3.30	0.839	9.2	2.81	0.732	6.7	1.76	0.472
1.90	14.8	5.22	1.349	10.3	3.93	0.943	8.3	3.22	0.756	7.9	2.59	0.703	6.1	1.78	0.473
2.00	17.6	5.86	1.779	11.4	3.91	1.153	9.0	3.12	0.905	7.2	2.33	0.709	5.5	1.80	0.468
2.20	5.4	2.30	0.668	5.9	2.48	0.720	5.9	2.57	0.721	5.4	2.39	0.644	4.4	1.77	0.442
2.40	7.6	3.73	1.108	6.1	3.10	0.884	5.2	2.71	0.753	4.3	2.27	0.607	3.5	1.68	0.420
2.60	4.9	2.84	0.841	4.1	2.36	0.707	3.8	2.07	0.644	3.4	1.91	0.554	3.0	1.59	0.409
2.80	2.4	1.72	0.481	2.4	1.77	0.474	2.4	1.73	0.471	2.4	1.59	0.457	2.6	1.50	0.389
3.00	2.4	1.69	0.540	1.9	1.58	0.439	1.7	1.52	0.389	1.8	1.47	0.382	2.2	1.42	0.370
3.20	1.6	1.56	0.413	1.5	1.51	0.385	1.4	1.48	0.356	1.4	1.40	0.343	1.9	1.36	0.355
3.40	1.2	1.39	0.359	1.2	1.41	0.340	1.1	1.42	0.325	1.3	1.40	0.343	1.7	1.34	0.347
3.60	1.2	1.52	0.397	1.1	1.45	0.371	1.1	1.41	0.367	1.2	1.37	0.360	1.6	1.31	0.344
3.80	1.3	1.49	0.477	1.2	1.43	0.433	1.1	1.39	0.406	1.1	1.33	0.377	1.4	1.29	0.343
4.00	1.2	1.35	0.467	1.1	1.37	0.437	1.0	1.31	0.414	1.0	1.29	0.382	1.3	1.27	0.341

PER = PERIOD (SEC)      AA = ABSOLUTE ACC. (GAL)      RV = RELATIVE VELOCITY (CM/SEC)      RD = RELATIVE DISPLACEMENT (CM)



FOURIER SPECTRA

RECORD # S-1046 COMPONENT = NORTH STATION = KOKEN-S  
 DATE AND TIME 1978-01-14-12-24 TOTAL NUMBER OF DATA = 5550  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC.  
 CONNECTION POINT IN DATA NUMBER= 3061, 5550,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	490	-26	-22	-22	-27	-35	-44	-47	-44	-41	-39
10	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	500	-29	-21	-16	-7	-2	3	8	11	11	12
20	0	1	1	2	2	2	2	2	1	0	510	13	14	14	9	0	0	-5	-5	1	12
30	0	0	0	1	2	3	3	3	3	0	520	33	41	41	35	22	0	-14	-19	8	-7
40	2	1	1	2	4	5	6	5	3	0	530	15	34	41	48	42	29	21	13	8	10
50	-10	-17	-18	-14	-10	-9	-9	-12	-15	-19	540	14	21	25	24	22	18	10	3	-1	-4
60	-21	-20	-16	-8	-8	0	0	-1	-4	-4	560	-7	-11	-16	-17	-21	-25	-29	-31	-32	-32
70	7	12	14	15	12	7	1	-2	-4	-3	570	11	14	28	44	58	65	61	46	21	0
80	-3	-4	-7	-11	-16	-20	-21	-20	-18	-11	580	-8	-13	-11	-2	8	16	21	19	17	14
90	-4	2	3	4	4	2	7	12	13	15	600	-6	-3	-4	-4	-5	-1	5	10	9	5
100	13	10	5	7	8	10	14	13	10	15	620	-22	-15	4	23	32	30	24	19	21	26
110	0	-4	-3	-1	-1	-3	-11	-23	-32	-33	630	34	38	34	30	47	28	28	26	20	20
120	-30	-27	-20	-18	-15	-11	-6	-2	1	4	640	12	5	1	3	14	24	25	17	1	-14
130	2	-2	-5	-12	-22	-34	-44	-52	-58	-6	650	-25	-29	-24	-19	-18	-20	-29	-40	-49	-52
140	-3	-2	-11	-10	-15	-19	-20	-16	-8	2	660	-47	-38	-28	-15	-2	6	9	10	11	11
150	5	2	-3	-6	-10	-11	-9	-6	-2	9	670	14	18	21	21	18	12	0	-19	-35	-44
160	20	22	19	15	11	2	-4	-24	-35	-45	680	-44	-40	-36	-31	-27	-21	-14	-1	12	24
170	-13	-6	21	25	17	2	-5	-12	-15	-17	690	25	17	9	9	13	20	19	16	8	0
180	-44	-39	8	20	22	19	16	13	10	2	710	-6	-2	1	4	3	1	-4	-7	-9	-13
190	-11	-17	-18	-18	-17	-14	-14	-17	-25	-33	720	-14	-15	-11	11	11	24	38	47	51	52
200	-38	-41	-41	5	19	26	28	24	17	12	730	52	51	43	24	4	-5	-14	-17	-9	0
210	-23	-19	-11	-4	-13	-7	-8	-12	-19	-19	740	11	17	12	6	0	10	10	20	25	20
220	9	10	16	22	25	25	22	19	14	11	750	16	9	-10	-20	-30	-34	-36	-38	-34	-34
230	8	8	8	6	5	4	4	1	0	-9	760	-34	-41	-48	-55	-64	-65	-65	-61	-53	-44
240	-13	-16	-23	-24	-18	-11	-3	4	1	2	770	-4	-4	9	19	22	26	27	32	34	44
250	-3	-4	-3	2	4	5	4	-2	-16	-31	780	46	46	41	35	26	29	30	36	37	30
260	-4	-4	-4	-37	-31	-29	-27	-26	-27	-27	790	20	7	-8	-10	7	3	28	41	39	31
270	-19	-15	-7	-4	-3	-3	-1	-2	-2	-1	800	12	-1	-15	-29	-28	-16	12	23	34	30
280	3	14	26	35	35	30	20	8	0	1	810	18	2	-12	-20	-24	-21	-18	-17	-17	-17
290	5	5	4	1	-1	-4	-3	-1	0	2	820	-17	-20	-23	-24	-29	-29	-23	-11	5	17
300	33	36	36	28	18	7	0	0	4	12	830	24	26	29	33	42	52	59	64	62	53
310	33	36	36	28	18	7	0	0	4	12	840	44	31	20	12	5	4	0	-4	-14	-26
320	17	9	-7	-30	-38	-36	-35	-30	-26	-27	850	-35	-43	-48	-46	-38	-26	-15	-10	-10	-12
330	-28	-26	-19	-9	0	1	-2	0	2	11	860	-16	-20	-20	-17	-15	-18	-22	-26	-27	-26
340	-13	-7	0	0	-1	-2	0	2	11	14	870	-24	-17	-8	-1	7	14	21	30	42	55
350	14	10	4	1	-6	-8	-4	1	10	13	880	60	56	42	24	12	7	5	7	10	10
360	15	15	14	14	19	23	33	44	52	55	890	2	-17	-35	-47	-56	-56	-52	-45	-38	-31
370	52	39	21	6	0	1	-1	-8	1	-8	900	-26	-19	-6	10	23	26	20	4	-26	-53
380	-17	-22	-19	-10	-2	0	0	8	1	-8	910	-56	-60	-59	-54	-50	-49	-51	-53	-52	-44
390	-22	-17	-12	-10	-12	-14	-18	-24	-28	-29	920	-30	-9	14	37	59	66	71	70	63	50
400	-26	-22	-19	-14	13	12	15	15	13	7	930	36	24	17	14	15	15	14	15	8	1
410	15	15	14	13	12	10	23	34	34	34	940	-15	-32	-35	-32	-14	17	40	53	59	55
420	0	-3	-4	0	0	19	3	-10	-21	-25	950	38	25	16	10	11	10	10	8	6	8
430	34	35	35	30	19	3	-10	-21	-25	-21	960	38	25	16	10	11	10	10	8	6	8
440	-15	-8	-2	0	-2	0	-2	-6	-11	-15	970	-35	-30	-17	17	17	17	18	29	41	53
450	-20	-19	-19	-20	-24	-26	-19	-7	2	15	980	-12	-1	10	17	17	17	18	29	41	53
460	24	23	17	6	-7	-13	-15	-12	-5	3	990	56	51	42	32	22	10	-5	-21	-39	-51
470	13	24	29	28	24	18	8	0	-14	-20	1000	-52	-43	-31	-14	-9	-13	-31	-42	-45	-41
480	-19	-14	-6	0	-1	-6	-7	-12	-26	-27	1010	-25	-9	3	2	2	1	0	0	-8	-13
											1020	-26	-34	-35	-31	-20	-3	-1	-9	-19	-24

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1046 NORTH )

CONTINUED ( S-1046 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	-28	-31	-28	-24	-22	-12	6	29	55	69
1040	82	82	80	78	74	62	48	26	-1	-19
1050	-19	-12	-4	-1	-9	-25	-39	-48	-46	-42
1060	-34	-26	-22	-18	-8	1	4	0	-10	-21
1070	-32	-34	-29	-12	5	17	23	25	27	27
1080	27	27	27	38	60	69	67	57	43	21
1090	6	3	8	14	13	5	-16	-45	-61	-61
1100	-52	-46	-45	-49	-49	-50	-41	-26	-10	0
1110	36	-2	-13	-27	-37	-43	-43	-29	-9	18
1120	34	40	32	20	10	11	34	64	92	114
1130	125	131	139	149	159	164	161	163	114	90
1140	67	48	37	31	26	19	10	-2	-18	-39
1150	-74	-105	-120	-127	-121	-101	-88	-75	-18	-13
1160	-12	-12	-14	-14	-15	-16	-20	-21	-20	-18
1170	-16	-12	-8	-8	-6	-2	4	11	13	11
1180	9	8	6	8	12	13	12	11	12	14
1190	14	8	0	-12	-33	-51	-59	-59	-52	-42
1200	-27	-22	-29	-37	-45	-44	-53	-13	9	6
1210	-5	-26	-56	-65	-66	-57	-44	-20	-5	-4
1220	-10	-15	-25	-42	-54	-66	-74	-72	-62	-49
1230	-30	-12	4	23	43	61	74	79	73	57
1240	39	24	21	30	42	66	68	60	42	15
1250	5	4	7	11	16	19	12	1	-6	-6
1260	0	6	16	22	25	22	20	20	28	18
1270	35	49	61	67	67	58	44	28	18	16
1280	10	9	4	0	-5	-11	-22	-38	-53	-60
1290	-62	-55	-45	-37	-47	-63	-65	-91	-92	-82
1300	-66	-54	-66	-64	-77	-82	-76	-27	15	51
1310	66	77	69	60	51	49	58	80	100	111
1320	117	116	116	111	105	97	68	31	0	-17
1330	-22	-5	7	15	4	-14	-41	-61	-61	-38
1340	-15	-3	-6	-19	-34	-44	-37	-4	22	34
1350	27	14	4	9	30	50	59	48	22	-6
1360	-38	-47	-52	-5	19	28	21	1	-31	-69
1370	-89	-95	-87	-70	-51	-20	35	89	121	131
1380	121	98	78	71	71	71	68	53	25	-9
1390	-46	-70	-89	-104	-108	-111	-114	-108	-91	-62
1400	-31	-6	9	15	16	17	21	27	30	31
1410	30	30	24	11	-6	-26	-45	-70	-97	-108
1420	-112	-112	-107	-97	-78	-54	-27	4	39	67
1430	88	105	113	107	92	65	29	6	-4	-13
1440	-12	0	11	23	33	41	54	70	87	99
1450	104	101	72	53	-38	-70	-115	-123	-119	-117
1460	-111	-108	-102	-93	-77	-39	-5	35	47	51
1470	52	58	67	73	75	65	42	6	-14	-30
1480	-35	-32	-32	-33	-40	-44	-42	-33	-20	-8
1490	5	7	5	-1	-7	-21	-36	-46	-47	-44
1500	-31	9	15	30	34	30	22	14	6	4
1510	12	18	24	27	31	27	28	28	38	39
1520	48	55	59	66	69	72	72	76	85	86
1530	87	84	87	87	90	9	-7	-17	-37	-54
1540	-65	-87	-95	-93	-78	-53	-44	-33	-23	-28
1550	-32	-36	-43	-45	-46	-43	-35	-30	-18	-13
1560	-24	-38	-52	-60	-61	-54	-35	-19	-16	-21

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1046 NORTH )

CONTINUED( S-1046 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	-3	-10	-20	-28	-30	-31	-31	-30	-28	-27
2120	-27	-25	-8	11	27	41	51	59	62	61
2130	56	48	41	34	30	30	30	32	36	36
2140	45	54	67	77	79	75	69	58	48	45
2150	43	41	41	39	32	20	4	-9	-18	-22
2160	-22	-16	-9	-6	-12	-19	-19	-26	-24	-24
2170	-20	-17	-16	-18	-22	-27	-32	-36	-38	-42
2180	-44	-47	-47	-44	-39	-30	-20	-15	-12	-12
2190	-12	-11	-5	7	17	18	20	22	25	28
2200	33	37	33	30	27	26	24	27	23	16
2210	9	1	-2	0	4	9	16	19	21	25
2220	30	32	34	32	27	21	15	13	12	15
2230	20	25	29	37	43	47	51	50	50	50
2240	48	48	45	40	31	25	22	22	24	26
2250	48	47	7	0	0	0	9	25	29	27
2260	28	17	4	1	2	8	14	17	29	35
2270	39	39	36	35	32	29	31	31	32	25
2280	20	15	7	1	1	1	14	9	5	5
2290	1	-1	-1	0	2	2	0	-4	-4	-5
2300	-9	-7	-7	-4	-2	0	0	-4	-7	-10
2310	-10	-7	-1	8	12	10	4	0	-3	-3
2320	-2	-1	-2	-3	-6	-7	-4	5	17	27
2330	36	37	37	35	32	26	18	11	3	-6
2340	-7	-7	-7	-7	-8	-12	-18	-23	-24	-21
2350	-16	-11	-9	-9	-14	-21	-28	-28	-27	-21
2360	-15	-11	-10	-14	-23	-32	-43	-49	-52	-54
2370	-54	-54	-53	-51	-51	-51	-53	-57	-60	-58
2380	-54	-51	-45	-41	-38	-34	-32	-32	-27	-22
2390	-18	-12	-8	-7	-9	-9	-10	-13	-16	-16
2400	-20	-25	-28	-31	-32	-26	-20	-16	-12	-11
2410	-13	-15	-18	-20	-19	-14	-10	-6	-3	-2
2420	0	0	-1	-3	-3	-5	-10	-15	-19	-19
2430	-17	-11	-8	-1	10	19	25	27	23	22
2440	22	24	28	33	37	43	48	50	49	48
2450	46	44	43	41	41	43	44	44	43	42
2460	40	38	40	38	37	33	28	23	18	14
2470	14	13	9	5	2	-1	-1	2	8	13
2480	16	17	20	24	27	27	27	27	26	26
2490	25	22	24	27	30	34	36	33	33	29
2500	28	29	30	31	30	29	25	18	9	4
2510	-1	-7	-10	-14	-18	-20	-21	-21	-21	-21
2520	-20	-20	-19	-14	-10	-10	-10	-9	-9	-9
2530	-10	-10	-10	-11	-13	-17	-21	-24	-30	-30
2540	-28	-26	-24	-21	-22	-27	-28	-31	-32	-32
2550	-29	-30	-31	-32	-32	-34	-35	-35	-30	-20
2560	-15	-15	-16	-17	-15	-11	-4	0	-1	6
2570	-16	-21	-24	-21	-19	-12	-8	-4	0	-5
2580	12	24	32	33	35	32	30	29	26	22
2590	19	16	12	6	-10	-6	-10	-11	-8	-7
2600	-7	-8	-9	-14	-14	-16	-23	-31	-40	-49
2610	-59	-64	-65	-65	-57	-53	-52	-51	-50	-50
2620	-47	-38	-25	-12	-5	-4	-6	-7	-8	-10
2630	-10	-5	1	7	18	23	25	27	29	30
2640	30	30	32	34	34	31	28	23	20	18

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1046 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	3	0	-4	-10	-11	-12	-11	-6	-2	2
3200	6	8	11	13	15	21	28	30	33	35
3210	38	39	37	37	35	33	28	24	18	13
3220	9	4	0	-2	-10	-13	-10	-10	-9	9
3230	-6	-3	0	1	4	6	6	6	14	19
3240	24	29	34	40	40	35	32	30	29	23
3250	18	12	7	1	-1	-7	-11	-7	-7	-2
3260	0	4	4	9	10	20	21	26	33	33
3270	33	33	33	33	33	33	34	31	30	31
3280	28	28	31	36	38	38	37	36	33	28
3290	28	25	25	21	19	19	16	10	10	10
3300	8	7	9	9	11	13	13	10	9	9
3310	6	6	5	6	2	0	0	-2	-1	1
3320	4	5	6	6	6	5	5	6	9	10
3330	10	9	6	5	3	0	0	3	5	6
3340	8	8	8	8	8	9	11	14	15	15
3350	14	11	9	12	16	17	18	18	15	11
3360	9	6	1	-4	10	-15	-20	-24	-27	-26
3370	-25	-25	-24	-22	-21	-19	-16	-12	-9	-6
3380	-4	-2	0	0	0	0	0	0	0	-1
3390	-4	-7	-10	-11	-11	-13	-14	-18	-15	-19
3400	-21	-22	-22	-24	-25	-27	-22	-18	-13	-10
3410	-7	5	3	0	0	3	6	9	11	11
3420	11	12	15	18	19	20	22	20	18	16
3430	14	12	10	8	6	3	0	-2	-1	0
3440	2	4	3	2	0	0	0	0	1	4
3450	5	5	5	5	8	10	8	6	5	3
3460	2	2	2	3	7	7	7	7	8	13
3470	16	18	21	25	28	31	33	33	35	38
3480	40	44	45	48	51	56	58	63	65	67
3490	67	67	64	63	62	61	59	55	50	45
3500	41	32	27	26	23	23	20	19	22	22
3510	20	14	12	12	9	9	9	5	6	7
3520	7	4	4	1	1	0	-3	-6	-7	-12
3530	-13	-13	-12	-11	-14	-14	-14	-15	-14	-11
3540	-7	-3	-2	-1	1	0	-3	-5	-3	3
3550	-2	0	1	1	0	0	-3	-8	-11	-11
3560	-14	-14	-10	-8	-2	1	5	8	12	15
3570	13	12	7	6	4	1	-1	-3	-6	-9
3580	-13	-12	-15	-17	-18	-19	-21	-24	-26	-28
3590	-31	-32	-31	-29	-26	-25	-26	-26	-25	-23
3600	-22	-17	-15	-13	-9	-8	-8	-8	-8	-5
3610	-5	-8	-12	-14	-17	-21	-24	-23	-20	-19
3620	-21	-24	-28	-29	-29	-28	-28	-28	-28	-28
3630	-28	-17	-26	-23	-22	-22	-22	-22	-21	-21
3640	-19	-17	-15	-13	-11	-12	-12	-14	-17	-18
3650	-14	-12	-10	-9	-9	-9	-9	-11	-15	-18
3660	-14	-12	-10	-9	-9	-9	-9	-12	-15	-16
3670	-19	-19	-21	-23	-23	-23	-23	-22	-21	-19
3680	-18	-16	-15	-15	-15	-15	-15	-15	-17	-19
3690	-20	-21	-23	-23	-25	-28	-31	-32	-30	-30
3700	-29	-29	-30	-30	-34	-36	-35	-35	-31	-28
3710	-28	-28	-28	-28	-24	-19	-17	-15	-12	-10
3720	-12	-9	-8	-6	-6	-6	-7	-6	-6	-5

TO BE CONTINUED

TO BE CONTINUED



CONTINUED( S-1046 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 11 )	( 12 )	( 13 )	( 14 )	( 15 )	( 16 )	( 17 )	( 18 )	( 19 )	( 20 )	
4270	7	7	7	8	12	14	15	15	15	14	11	11	11	11	9	9	9	12	13	13	
4280	12	12	11	10	10	7	5	5	5	5	12	12	12	12	12	12	12	12	12	12	
4290	1	-4	-6	-8	-12	-12	-13	-12	-12	-12	14	14	14	14	14	14	14	16	16	16	
4300	-12	-10	-7	-4	-2	-2	-2	-2	-2	-4	16	16	16	16	16	16	16	16	16	15	
4310	-4	-4	-4	-3	0	3	1	1	1	1	16	16	16	16	17	15	13	13	13	15	
4320	1	-2	-2	-2	-5	-8	-8	-8	-8	-7	12	12	12	12	10	7	4	3	3	3	
4330	-5	-3	-3	-3	-3	0	0	1	1	0	6	6	6	6	9	10	10	11	13	15	
4340	1	1	1	1	-1	-2	-4	-2	-4	0	19	20	20	20	21	23	24	24	26	28	
4350	0	0	-1	-4	-5	-5	-5	-5	0	0	30	32	35	36	36	36	36	36	38	38	
4360	0	3	4	4	4	1	0	0	0	-1	4900	41	43	43	43	43	42	41	41	42	
4370	-4	-5	-8	-13	-14	-14	-13	-14	-15	-15	42	42	43	43	43	43	40	40	39	39	
4380	-17	-19	-19	-18	-18	-17	-14	-11	-11	-13	4920	38	36	32	29	27	22	18	15	10	10
4390	-13	-13	-13	-14	-15	-15	-15	-15	-15	-15	10	11	11	11	11	11	7	6	6	5	
4400	-12	-11	-13	-13	-13	-15	-17	-17	-17	-17	4	4	4	4	4	4	-2	-1	-2	-4	
4410	-16	-13	-12	-12	-12	-13	-13	-13	-13	-13	4	4	4	4	4	2	-2	-2	-2	-2	
4420	-18	-18	-17	-15	-15	-15	-15	-15	-15	-15	6	6	6	6	6	7	8	8	9	11	
4430	-15	-12	-7	-5	-5	-3	-2	0	0	2	4	5	5	5	5	5	7	8	9	11	
4440	4	4	6	6	6	9	8	7	4	3	4980	11	11	11	8	7	4	2	-3	-2	
4450	2	0	0	0	-1	-3	-4	-5	-5	-5	4990	-2	-2	-2	-2	-2	-2	-3	-3	-4	
4460	-5	-6	-7	-9	-12	-15	-15	-15	-14	-14	5000	-5	-5	-2	0	0	0	0	0	-5	
4470	-12	-13	-16	-18	-19	-20	-24	-26	-28	-28	5010	-6	-6	-7	-9	-11	-12	-13	-15	-15	
4480	-30	-32	-35	-36	-40	-41	-42	-39	-36	-35	5020	-15	-15	-15	-15	-15	-15	-15	-15	-16	
4490	-30	-32	-29	-30	-31	-31	-32	-32	-31	-29	5030	-17	-16	-17	-17	-15	-15	-13	-12	-8	
4500	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	5040	-5	-5	-4	-3	-2	-1	0	0	0	
4510	-32	-33	-34	-34	-34	-34	-34	-34	-34	-32	0	0	3	3	4	5	5	5	5	5	
4520	-29	-28	-26	-25	-22	-20	-19	-17	-16	-16	6	6	6	6	8	8	8	8	8	2	
4530	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	5070	0	0	0	0	0	0	1	0	-3	
4540	-17	-19	-20	-22	-22	-22	-22	-21	-20	-20	5080	0	0	0	-1	-1	0	0	0	-3	
4550	-20	-22	-25	-27	-30	-34	-36	-36	-36	-36	5090	-4	-5	-5	-6	-7	-8	-8	-11	-13	
4560	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	3100	-14	-12	-12	-12	-11	-10	-10	-10	-10	
4570	-27	-37	-37	-37	-37	-37	-37	-37	-37	-37	5110	-4	-6	-8	-8	-8	-8	-8	-8	-8	
4580	-24	-31	-31	-31	-28	-27	-24	-21	-21	-20	5120	-9	-8	-8	-8	-9	-9	-9	-9	-9	
4590	-20	-20	-20	-20	-17	-17	-17	-17	-17	-17	5130	-15	-16	-16	-16	-16	-16	-16	-16	-16	
4600	-17	-17	-17	-17	-16	-14	-12	-12	-12	-11	5140	-11	-8	-5	-5	-4	-4	-4	-3	-3	
4610	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	5150	-3	-3	-3	-3	-3	-3	-3	-3	-3	
4620	-10	-9	-10	-10	-11	-11	-11	-10	-10	-11	5160	-11	-11	-11	-11	-11	-11	-11	-11	-11	
4630	-17	-25	-24	-22	-23	-25	-26	-27	-27	-27	5170	-11	-10	-9	-9	-7	-7	-7	-7	-7	
4640	-27	-25	-24	-22	-20	-18	-17	-17	-17	-16	5180	-10	-9	-7	-5	-4	-4	-4	-4	-4	
4650	-14	-14	-14	-14	-16	-16	-16	-16	-16	-16	5190	-13	-15	-16	-16	-17	-19	-19	-20	-20	
4660	-17	-17	-17	-17	-17	-17	-15	-13	-11	-10	5200	-22	-22	-23	-23	-23	-24	-24	-24	-24	
4670	-9	-7	-6	-5	-3	-2	0	3	7	9	5210	-24	-24	-25	-25	-25	-25	-25	-25	-25	
4680	11	12	14	15	16	16	16	16	16	16	5220	-17	-16	-16	-16	-17	-19	-22	-22	-22	
4690	14	12	12	11	11	11	9	8	8	8	5230	-22	-22	-22	-22	-21	-18	-16	-15	-14	
4700	7	8	8	10	12	13	14	15	17	18	5240	-10	-9	-9	-9	-9	-9	-9	-7	-5	
4710	19	20	21	20	18	16	14	14	14	14	5250	-9	-5	-5	-8	-10	-12	-13	-14	-14	
4720	13	12	12	12	10	10	11	12	12	15	5260	-16	-16	-15	-15	-15	-15	-14	-14	-9	
4730	16	18	19	19	18	19	19	19	19	19	5270	-11	-11	-11	-12	-12	-12	-12	-12	-12	
4740	21	21	22	21	21	25	25	25	25	28	5280	-22	-22	-22	-22	-22	-22	-22	-22	-23	
4750	28	28	29	32	33	33	32	32	32	32	5290	-21	-21	-21	-22	-22	-21	-20	-18	-18	
4760	32	32	32	32	32	32	32	32	32	32	5300	-17	-18	-18	-17	-15	-13	-11	-8	-8	
4770	32	32	32	32	28	25	25	25	25	22	5310	-8	-6	-6	-6	-6	-6	-4	-4	-1	
4780	22	22	22	23	22	22	22	22	23	22	5320	-1	-1	-2	-3	-4	-5	-4	-4	-3	
4790	25	25	25	25	25	23	23	23	23	22	5330	-2	-1	0	1	2	1	1	2	2	
4800	22	22	22	19	17	15	13	12	12	12	5340	1	2	4	5	6	6	6	6	0	

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1D46 NORTH )

RECORD # S-1D46 COMPONENT # EAST STATION # KOKEN-S  
DATE AND TIME # 1978-01-14-12-24 TOTAL NUMBER OF DATA # 5550  
SAMPLING INTERVAL # 0.010 (SEC) UNIT # D.1 GAL  
SIGNAL # GR-ACC.

CONNECTION POINT IN DATA NUMBER= 3050, 5550,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	0	0	0	0	0	0	0	0	0	0
5360	2	3	1	1	2	0	6	1	2	3
5370	0	2	5	6	6	5	6	6	5	3
5380	1	0	0	0	-1	-2	-3	-4	-7	-9
5390	-10	-7	-10	-10	-10	-10	-10	-10	-12	-12
5400	-9	-8	-6	-9	-9	-9	-9	-8	-7	-5
5410	-9	-9	-9	-9	-9	-9	-9	-9	-9	-5
5420	-3	-1	0	2	3	3	1	0	0	2
5430	-4	-3	-2	-2	-1	0	0	0	0	2
5440	3	5	3	0	-1	-3	-3	-4	-4	-3
5450	-4	-6	-7	-6	-4	-3	-1	-1	-1	-1
5460	-1	-1	0	1	4	4	4	4	4	3
5470	0	0	0	0	0	-2	-3	-4	-6	-7
5480	-8	-9	-10	-10	-10	-10	-10	-10	-10	-10
5490	-10	-10	-9	-9	-9	-9	-9	-9	-9	-9
5500	-9	-10	-11	-12	-14	-14	-14	-14	-14	-16
5510	-18	-20	-19	-19	-19	-20	-16	-13	-10	-10
5520	0	0	-2	0	0	0	0	0	0	0
5530	0	0	-1	-2	0	2	5	7	7	6
5540	6	6	6	9	10	10	10	10	10	10

END

TO BE CONTINUED

CONTINUED ( S-1046 EAST )										CONTINUED ( S-1046 EAST )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	-4	-8	-13	-18	-6	2	13	22	19	14	1030	0	1	-37	-49	-53	-52	-50	-49	-49	
500	4	-14	-18	-13	-17	-16	-16	-18	-21	-14	1040	-48	-43	8	29	40	40	40	46	38	35
510	-8	-2	11	8	15	15	12	12	12	11	1050	35	37	40	34	29	29	19	6	3	1
520	15	15	17	8	5	2	1	2	5	8	1060	7	7	5	5	7	8	8	8	4	0
530	12	17	25	26	26	23	19	15	15	7	1070	4	-8	-3	4	24	33	36	36	33	29
540	14	21	24	16	8	0	-4	-8	-11	-12	1080	25	18	8	3	-1	5	-6	-6	0	8
550	-14	-15	-17	-15	-11	-6	3	5	2	0	1090	21	37	51	58	-1	45	39	41	47	6
560	4	-2	0	1	1	4	-12	-21	-31	-35	1100	58	67	70	68	62	48	33	31	32	32
570	-34	-30	-32	-33	-39	-39	-39	-36	-28	-18	1110	32	33	31	18	-6	-35	-51	-50	-36	-16
580	-9	0	5	3	7	10	6	8	5	3	1120	-4	1	-11	-35	-50	-52	-47	-44	-55	-44
590	0	3	3	4	4	6	5	6	9	9	1130	-72	-85	-93	-86	-58	-29	-14	-13	-18	-23
600	13	18	23	24	21	14	9	5	2	2	1140	-26	-24	-20	-15	-11	-9	-6	-1	7	17
610	0	1	-1	-5	-10	-12	-12	-8	-5	2	1150	22	21	12	-2	-10	-12	-7	3	15	21
620	-1	3	5	10	17	23	28	29	26	22	1160	20	14	7	3	4	6	10	17	26	34
630	19	15	13	14	12	9	7	8	11	14	1170	37	39	36	29	23	18	20	28	45	62
640	14	14	14	12	9	7	8	11	14	12	1180	68	67	60	50	42	32	20	11	1	-11
650	9	1	-10	-17	-21	-23	-21	-17	-13	-7	1190	-28	-47	-57	-60	-55	-42	-32	-29	-34	-42
660	3	-3	-5	-5	-2	2	4	6	6	4	1200	-90	-54	-52	-55	-52	-53	-52	-52	-52	-52
670	4	3	6	14	22	25	24	18	12	8	1210	-52	-55	-59	-59	-57	-51	-44	-37	-34	-37
680	6	11	18	23	24	17	6	-1	-10	-16	1220	-38	-38	-33	-18	-2	10	13	17	19	20
690	-15	-11	-8	-8	-12	-15	-15	-12	-7	-1	1230	26	39	49	49	42	35	29	29	30	39
700	2	2	0	-3	-1	-6	-3	-5	5	4	1240	47	46	41	34	35	44	57	72	79	76
710	2	1	-1	-2	-10	-10	-10	-10	-10	-10	1250	67	63	54	49	49	38	24	11	3	3
720	-34	-23	-21	-21	-27	-30	-31	-24	-2	22	1260	7	15	22	23	25	24	23	23	22	20
730	37	47	47	33	14	5	0	0	5	6	1270	17	3	4	19	36	42	49	48	43	30
740	5	-1	-5	-8	-14	-17	-16	-16	-18	-19	1280	-2	4	19	36	42	49	48	43	30	19
750	-20	-20	-17	-10	0	9	12	11	6	2	1290	13	12	13	17	19	17	17	10	0	-6
760	-4	-7	-4	-3	1	3	5	5	5	8	1300	-7	0	8	17	22	14	9	-3	-11	-16
770	8	12	12	13	11	8	5	3	2	6	1310	-10	-3	8	17	21	19	18	16	21	24
780	12	22	24	31	29	24	19	13	11	7	1320	25	23	11	2	-8	-16	-16	-16	-16	-15
790	2	2	-1	-5	-10	-7	-2	4	7	9	1330	-17	-23	-28	-36	-37	-40	-38	-33	-24	-15
800	9	0	-19	-27	-31	-34	-32	-31	-28	-16	1340	-7	-3	-3	-5	-7	-7	-7	-7	-14	-24
810	-10	-3	4	6	5	2	0	-1	-2	0	1350	-35	-43	-47	-47	-40	-31	-24	-19	-20	-28
820	0	-3	-10	-17	-24	-28	-27	-22	-17	-11	1360	-36	-44	-47	-32	-13	-7	20	26	23	15
830	-2	7	13	22	30	33	36	36	33	30	1370	8	3	-6	-27	-53	-75	-88	-91	-85	-58
840	31	30	28	23	20	14	6	-2	-4	-7	1380	-13	21	47	66	75	81	84	90	94	93
850	-19	-27	-6	-6	-35	-31	-28	-24	-18	-13	1390	82	63	38	21	18	18	20	20	13	4
860	-6	-6	-6	-6	-5	-1	7	17	31	31	1400	0	1	1	11	25	31	31	24	4	-18
870	42	44	34	13	-9	-23	-30	-32	-24	-16	1410	-38	-51	-53	-54	-53	-46	-36	-22	4	13
880	-11	-8	9	-11	-13	-13	-11	-11	-9	-6	1420	28	35	45	58	69	76	82	83	81	77
890	-3	3	-2	-2	-5	-6	-6	-4	-3	0	1430	73	72	72	72	73	71	66	55	40	29
900	3	3	3	3	1	0	-1	0	3	7	1440	24	20	21	25	32	38	41	34	25	25
910	10	17	23	31	42	50	54	53	45	35	1450	19	13	5	-12	-62	-78	-92	-104	-105	-100
920	28	19	10	2	-2	-5	-11	-16	-13	-10	1460	-81	-53	-39	-28	-30	-33	-33	-35	-40	-46
930	-5	0	3	6	9	13	17	20	22	24	1470	-58	-84	-108	-128	-132	-127	-109	-83	-52	-44
940	28	30	33	32	31	21	3	-8	-11	-13	1480	-43	-47	-45	-27	6	39	84	128	138	146
950	-2	11	22	27	31	28	29	31	41	53	1490	138	97	49	24	6	1	-6	-9	-10	-9
960	63	66	63	62	61	61	61	59	52	40	1500	-8	-3	0	7	9	10	19	29	26	46
970	22	3	-3	-9	-12	-12	-14	-17	-18	-20	1510	77	83	87	75	67	51	44	35	26	17
980	-21	-28	-38	-52	-57	-59	-60	-60	-58	-59	1520	5	-20	-32	-44	-44	-40	-48	-60	-74	-74
990	-60	-59	-55	-45	-30	-15	-9	-6	-8	-12	1530	-88	-89	-80	-66	-39	-28	-27	-23	-24	-20
1000	-18	-18	-12	-5	4	18	33	37	39	38	1540	-15	3	35	53	60	57	49	29	2	-6
1010	27	17	0	-17	-26	-43	-52	-59	-60	-54	1550	-13	-32	-46	-53	-55	-52	-36	-13	0	14
1020	-34	-22	-12	-12	-18	-22	-32	-32	-23	-11	1560	18	15	10	6	5	6	8	9	9	10

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1046 EAST )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	16	23	29	26	17	-13	-31	-41	-41	-20
1580	9	34	41	37	26	0	13	-10	-10	-2
1590	1	2	0	0	1	8	19	36	36	3
1600	34	33	35	36	36	32	23	7	-5	7
1610	-24	-35	-45	-56	-63	-72	-78	-79	-75	-2
1620	-59	-51	-44	-39	-33	-24	-16	-10	-8	-11
1630	-18	-24	-29	-29	-28	-29	-32	-31	-31	-34
1640	-29	-25	-21	-23	-30	-37	-44	-44	-35	-49
1650	-17	-1	6	8	0	-14	-43	-61	-69	-67
1660	-58	-45	-28	-15	-10	-5	0	1	4	8
1670	11	13	14	11	6	-1	-11	-22	-29	-27
1680	-19	-6	12	33	49	54	54	52	51	51
1690	49	45	37	24	8	-6	-14	-20	-18	-10
1700	0	13	24	30	36	42	49	58	67	75
1710	80	79	74	70	66	57	48	43	38	29
1720	19	14	8	0	-8	-14	-19	-23	-31	-34
1730	-34	-34	-33	-29	-24	-19	-15	-12	-1	-12
1740	-14	-14	-4	-8	-14	-21	-33	-40	-42	-39
1750	-1	-4	-4	-8	-14	-21	-33	-40	-42	-39
1760	-62	-61	-51	-63	-63	-61	-60	-44	-40	-38
1770	-42	-44	-51	-54	-51	-46	-46	-39	-15	-4
1780	0	2	2	8	14	19	20	22	14	7
1790	1	-7	-8	-5	-3	-1	0	2	3	4
1800	5	5	6	9	11	13	13	9	6	3
1810	0	-3	-6	-10	-13	-14	-14	-14	-14	-16
1820	17	17	17	18	19	19	20	24	25	22
1830	10	15	17	18	19	19	20	24	25	22
1840	17	9	1	-2	-1	2	10	16	19	25
1850	32	37	45	52	58	63	67	70	74	77
1860	78	78	73	68	64	61	57	52	50	49
1870	49	53	54	52	51	46	41	38	35	31
1880	29	25	16	8	3	0	0	2	2	4
1890	5	4	3	2	2	0	-2	-7	-10	-11
1900	-11	-10	-8	-5	-6	-11	-18	-26	-34	-41
1910	-49	-49	-49	-49	-47	-41	-34	-24	-11	-11
1920	-5	-1	3	7	10	11	9	4	-1	-4
1930	-8	-12	-14	-14	-14	-14	-13	-13	-14	-14
1940	-8	-14	-16	-20	-23	-28	-35	-42	-50	-58
1950	-28	-35	-43	-55	-57	-58	-50	-42	-34	-28
1960	-24	-25	-23	-23	-21	-21	-21	-20	-42	-52
1970	-63	-68	-70	-67	-58	-47	-37	-27	-17	-17
1980	0	5	14	22	30	30	31	30	31	32
1990	5	14	22	30	30	30	31	30	31	32
2000	36	41	47	54	59	60	56	48	45	45
2010	35	28	20	16	11	10	9	9	10	9
2020	9	9	12	20	26	27	26	20	16	12
2030	8	0	0	0	0	-3	-6	-10	-10	-5
2040	6	6	19	29	32	30	26	21	18	16
2050	15	11	12	13	13	13	13	15	16	12
2060	6	0	-4	-4	-3	-1	-4	-9	-15	-16
2070	-18	-20	-19	-18	-17	-18	-18	-18	-24	-29
2080	-10	-2	-1	4	12	14	18	24	35	35
2090	43	49	50	48	42	35	26	19	15	1
2100	-2	-3	-3	-1	3	8	9	6	1	-1

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1046 EAST )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2650	5	0	-3	-6	-9	-11	-9	-7	-6	
2660	-7	-8	-10	-10	-10	-7	-4	-2	-2	
2670	-5	-7	-9	-10	-10	-9	-8	-10	-18	
2680	-16	-19	-20	-20	-20	-21	-20	-19	-18	
2690	-14	-12	-11	-11	-12	-9	0	3	8	
2700	11	14	16	16	18	20	20	21	22	
2710	22	22	22	24	25	26	28	31	29	
2720	28	26	23	22	22	19	18	13	8	
2730	4	0	-6	-9	-11	-12	-12	-15	-18	
2740	-25	-28	-31	-31	-31	-31	-32	-29	-29	
2750	-28	-24	-17	-14	-12	-11	-10	-7	-6	
2760	-1	1	2	2	1	2	2	2	1	
2770	0	-2	-5	-7	-7	-8	-4	-7	-11	
2780	-12	-11	-7	-2	4	11	14	18	18	
2790	18	21	22	22	23	23	25	25	24	
2800	23	22	19	15	13	11	10	6	7	
2810	9	9	11	16	17	14	11	3	0	
2820	0	0	0	-3	-6	-9	-13	-14	-15	
2830	-13	-15	-16	-14	-11	-10	-8	-6	-5	
2840	-6	-6	-7	-7	-7	-6	-4	-3	-1	
2850	-1	0	1	3	5	5	8	12	16	
2860	17	16	14	14	15	13	11	9	5	
2870	-4	-8	-10	-11	-12	-12	-13	-13	-14	
2880	-4	-8	-10	-11	-12	-12	-13	-13	-14	
2890	-7	-3	-1	0	0	2	3	4	6	
2900	7	6	5	2	0	-3	-7	-10	-11	
2910	-14	-17	-21	-24	-27	-29	-29	-27	-28	
2920	-29	-28	-28	-28	-28	-28	-30	-32	-31	
2930	-29	-27	-23	-18	-15	-14	-12	-9	-6	
2940	-2	-2	-1	0	2	3	5	6	9	
2950	11	11	12	13	14	18	23	25	26	
2960	30	33	38	38	38	35	35	33	34	
2970	38	40	42	42	43	44	47	49	48	
2980	46	44	41	34	31	26	22	15	11	
2990	3	4	5	7	7	9	10	6	3	
3000	3	5	5	6	7	7	9	11	11	
3010	11	6	5	4	2	2	5	5	5	
3020	5	3	5	6	10	14	15	16	15	
3030	11	11	8	8	8	5	4	5	8	
3040	11	15	14	15	14	12	13	16	19	
3050	16	15	16	13	16	18	18	14	11	
3060	4	-2	-4	-5	-9	-14	-16	-17	-20	
3070	-26	-27	-28	-30	-30	-33	-34	-35	-36	
3080	-36	-36	-35	-34	-31	-28	-27	-26	-20	
3090	-18	-17	-17	-11	-9	-7	-2	0	2	
3100	10	13	12	12	13	13	14	17	20	
3110	23	23	23	21	18	16	14	14	12	
3120	5	2	0	-2	0	4	5	7	8	
3130	2	1	2	4	6	8	8	9	8	
3140	3	3	2	0	0	0	-2	-4	-6	
3150	-6	-5	-2	1	4	4	0	11	11	
3160	8	6	5	5	4	3	0	0	10	
3170	-2	-3	-4	-6	-6	-8	-9	-10	-10	
3180	-7	-12	-14	-14	-14	-12	-11	-10	-12	

TO BE CONTINUED

CONTINUED( S-1046 EAST )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	-14	-14	-14	-12	-9	-4	-6	-6	-4	
3200	-7	-5	-3	-3	-3	-3	-4	-4	-4	
3210	-13	-17	-18	-19	-19	-21	-21	-21	-21	
3220	-33	-36	-36	-36	-36	-37	-37	-36	-33	
3230	-28	-27	-24	-20	-18	-14	-10	-7	-6	
3240	3	6	14	14	14	13	11	7	5	
3250	4	4	5	5	6	6	8	8	8	
3260	3	3	2	4	7	11	12	14	16	
3270	16	13	15	14	16	15	14	14	14	
3280	12	13	11	10	6	4	3	1	3	
3290	9	10	10	10	8	7	7	7	9	
3300	10	10	9	8	8	9	11	16	18	
3310	20	20	20	17	22	22	21	20	19	
3320	15	15	15	16	19	19	20	20	20	
3330	17	17	16	16	18	19	22	22	22	
3340	22	22	22	22	22	23	22	22	22	
3350	16	15	14	12	9	7	4	0	0	
3360	-6	-7	-5	-2	1	4	6	9	10	
3370	-7	-5	-2	1	4	6	9	10	11	
3380	15	17	19	19	19	17	15	15	13	
3390	9	8	5	2	2	2	2	2	1	
3400	-1	-3	-7	-8	-7	-7	-7	-8	-9	
3410	-14	-17	-17	-16	-14	-12	-11	-11	-10	
3420	-7	-4	-2	0	3	6	6	5	0	
3430	8	10	9	7	6	4	4	3	0	
3440	-2	-2	-1	-1	-1	-2	-2	-2	-2	
3450	-2	-1	0	0	0	0	0	0	0	
3460	-2	-1	0	0	0	0	0	1	0	
3470	1	0	0	-1	0	0	0	0	0	
3480	0	2	5	10	12	16	16	16	15	
3490	17	12	10	7	1	0	-3	-4	-7	
3500	-7	-6	-8	-10	-9	-7	-3	-2	0	
3510	-3	-4	-4	-7	-9	-9	-9	-7	-8	
3520	-7	-7	-7	-9	-9	-9	-10	-9	-7	
3530	-3	-3	-3	-3	-2	-1	1	5	6	
3540	8	9	8	9	12	12	11	11	10	
3550	9	9	9	9	9	9	9	8	9	
3560	12	14	15	15	15	14	12	11	12	
3570	13	13	13	13	12	11	9	9	7	
3580	7	2	0	-3	-7	-8	-8	-10	-12	
3590	-14	-14	-14	-13	-11	-9	-5	-4	0	
3600	-5	-4	-4	-2	-1	1	2	2	0	
3610	-1	-2	-4	-4	-4	-3	-3	-6	-7	
3620	-5	-4	-4	-4	-4	-3	-3	-2	-2	
3630	-1	-1	-1	-1	-1	-1	-1	-1	-1	
3640	-18	-21	-22	-22	-23	-23	-23	-23	-23	
3650	-19	-19	-19	-20	-21	-22	-23	-23	-23	
3660	-24	-25	-26	-26	-26	-26	-26	-26	-26	
3670	-21	-21	-22	-23	-23	-23	-23	-23	-23	
3680	-15	-14	-14	-10	-6	-4	-2	-1	0	
3690	3	6	7	7	7	7	9	11	10	
3700	6	5	4	4	4	4	4	4	5	
3710	9	8	7	7	7	6	4	4	3	
3720	-3	-3	-3	-3	-3	-3	-4	-4	-4	

TO BE CONTINUED

CONTINUED ( S-1046 EAST )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	-9	-8	-8	-8	-8	-8	-8	-8	-8	-8
4280	-8	-9	-10	-10	-10	-6	-6	-8	-8	-8
4290	-11	-11	-10	-10	-9	-8	-8	-8	-8	-8
4300	-6	-6	-6	-6	-6	-5	-4	-4	-4	-4
4310	-7	-8	-8	-8	-9	-10	-10	-11	-11	-11
4320	-11	-11	-12	-12	-12	-10	-14	-14	-14	-15
4330	-15	-15	-14	-14	-11	-9	-8	-4	-1	2
4340	4	9	11	12	13	14	14	12	12	11
4350	9	14	15	17	18	16	-6	-10	-11	-14
4360	-9	-8	-8	-6	-5	-5	-4	-4	-6	-9
4370	-8	-9	-9	-10	-11	-13	-14	-14	-14	-14
4380	-14	-14	-14	-14	-17	-17	-19	-24	-24	-24
4390	-25	-25	-26	-26	-26	-25	-24	-24	-24	-22
4400	-20	-18	-15	-13	-10	-8	-7	-4	-2	0
4420	0	0	0	3	2	1	1	1	1	0
4430	5	5	4	3	2	1	1	1	1	0
4440	0	0	0	0	1	1	1	1	1	0
4450	-2	-6	-9	-10	-10	-10	-10	-10	-10	-11
4460	-11	-11	-11	-12	-15	-15	-14	-12	-12	-12
4470	-11	-11	-10	-9	-9	-9	-8	-5	-5	-5
4480	-2	-2	-1	2	4	4	4	5	5	5
4490	5	4	4	2	1	1	1	0	1	0
4500	0	1	2	2	1	0	0	0	0	3
4510	3	5	6	8	7	8	8	10	14	14
4520	15	14	17	18	17	16	18	19	18	21
4530	21	18	18	18	18	18	16	14	14	14
4540	14	14	14	14	14	15	15	16	16	16
4550	17	15	13	15	13	13	13	16	15	13
4560	11	10	10	10	10	10	10	10	8	7
4570	6	7	8	8	7	5	4	3	2	2
4580	7	5	5	3	3	0	1	1	1	0
4590	1	2	3	3	6	7	6	9	10	11
4600	12	12	9	9	9	8	9	9	9	10
4610	11	11	11	12	13	15	16	16	17	17
4620	17	16	16	17	17	17	15	13	11	9
4630	7	6	6	4	3	1	-1	-3	-3	-3
4640	-4	-6	-7	-6	-6	-7	-6	-5	-4	-4
4650	-3	0	0	0	-2	-2	-1	-1	-1	3
4660	6	8	8	9	11	11	11	13	15	16
4670	12	12	10	18	17	16	16	15	14	13
4680	17	18	18	18	19	19	18	15	5	6
4690	6	5	5	3	3	1	0	0	0	2
4700	3	3	3	3	3	1	-1	-2	-2	-2
4710	-1	-1	-1	-2	-2	-2	-1	-1	-1	-1
4720	0	1	2	2	2	0	0	0	0	0
4730	-2	-1	0	0	0	-2	-2	-3	-2	-1
4740	0	1	0	0	0	0	0	0	0	0
4750	-1	1	1	0	0	0	0	0	0	0
4760	10	10	9	7	6	9	8	8	9	9
4770	9	8	7	4	3	2	2	3	1	2
4780	1	2	3	4	4	2	1	0	0	0
4790	2	3	3	4	4	2	1	-1	-1	0
4800	1	0	0	0	-1	-1	-1	-1	-1	0

TO BE CONTINUED

CONTINUED ( S-1046 EAST )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3730	-3	-1	0	0	2	3	3	3	0	0
3740	0	-2	0	-3	-3	-4	-4	-5	-6	-8
3750	-11	-11	-9	-9	-9	-7	-7	-7	-6	-4
3760	-4	-4	-2	-2	-2	-2	-1	0	0	-2
3770	-2	-3	-3	-3	-3	-3	-3	-4	-5	-7
3780	-9	-9	-11	-12	-15	-15	-18	-17	-16	-16
3790	-16	-16	-15	-13	-13	-13	-13	-11	-11	-11
3800	-10	-10	-10	-10	-10	-10	-10	-10	-13	-13
3810	-13	-12	-12	-12	-10	-8	-6	-6	-7	-6
3820	-4	-3	-2	0	0	3	3	7	10	10
3830	11	12	12	12	13	12	12	12	12	12
3840	11	10	8	7	7	7	5	2	0	-6
3850	-4	-5	-5	-6	-7	-7	-8	-8	-8	-6
3860	-6	-6	-6	-6	-3	-2	-1	-1	-1	-1
3870	0	-1	-2	1	0	-1	-3	-4	-3	-2
3880	-2	0	2	4	5	5	5	5	6	8
3890	8	7	5	3	1	0	-2	-4	-5	-5
3900	-7	-9	-9	-9	-9	-8	-9	-10	-10	-10
3910	-10	-9	-7	-5	-5	-3	-1	-1	-1	-1
3920	0	2	2	3	6	6	6	7	8	9
3930	12	14	13	16	17	19	19	20	21	21
3940	19	19	18	18	17	16	14	13	13	12
3950	11	10	10	11	12	14	15	16	18	20
3960	23	26	27	27	26	24	22	20	20	20
3970	17	18	17	13	10	8	4	0	-1	-4
3980	-4	-6	-6	-8	-8	-9	-10	-8	-4	-4
3990	-4	-1	-2	-4	-4	0	0	0	1	1
4000	1	-1	-1	-1	-1	3	3	5	5	5
4010	5	4	4	4	3	-1	-1	-3	-5	-10
4020	-12	-15	-16	-16	-20	-19	-19	-19	-19	-19
4030	-16	-15	-15	-12	-12	-12	-9	-7	-5	-5
4040	-1	-1	-1	2	4	4	5	8	11	14
4050	14	15	17	18	18	18	16	17	20	20
4060	19	18	18	16	16	16	16	17	17	17
4070	17	17	17	16	15	16	16	15	15	15
4080	14	13	12	13	13	13	15	15	15	15
4090	15	15	16	16	17	19	19	17	16	15
4100	14	12	12	11	10	8	7	10	10	9
4110	9	9	9	8	7	7	7	7	7	8
4120	9	10	10	10	10	10	11	12	12	12
4130	15	16	17	17	17	15	13	13	12	12
4140	11	11	10	10	8	7	5	1	-2	-5
4150	-6	-6	-6	-8	-10	-10	-10	-8	-6	-6
4160	-4	-2	-2	-1	0	1	2	2	1	0
4170	0	-3	-5	-5	-5	-10	-11	-11	-11	-11
4180	-2	-4	-7	-9	-9	-10	-11	-11	-11	-11
4190	-12	-15	-15	-15	-15	-15	-15	-15	-13	-13
4200	-12	-12	-11	-11	-10	-9	-8	-6	-5	-4
4210	-4	-1	-1	0	0	0	-2	-2	-2	-2
4220	-1	0	0	0	0	0	-1	-1	-1	-1
4230	-3	-3	-3	-5	-5	-6	-6	-6	-6	-8
4240	-8	-10	-11	-11	-12	-12	-14	-14	-14	-14
4250	-12	-13	-14	-14	-15	-16	-16	-18	-18	-18
4260	-16	-14	-14	-14	-14	-14	-14	-14	-11	-10

TO BE CONTINUED

CONTINUED ( S-1046 EAST )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4810	1	2	2	2	4	5	6	6	6	8
4820	8	8	8	12	12	12	12	13	13	13
4830	12	12	15	16	16	16	14	14	13	13
4840	12	11	11	10	10	9	9	8	8	8
4850	9	8	8	7	5	5	5	5	6	6
4860	5	5	6	5	3	3	1	0	0	-4
4870	-4	-4	-5	-5	-6	-9	-11	-12	-12	-4
4880	-11	-8	-6	-6	-6	-6	-6	-8	-10	-8
4890	-10	-8	-6	-3	-3	-2	-2	-2	-3	-3
4900	-2	-1	0	2	5	4	4	5	6	7
4910	7	8	9	11	11	10	10	10	10	10
4920	10	10	10	9	8	8	7	5	3	3
4930	4	3	1	0	-1	-1	-2	-2	-2	-2
4940	-3	-4	-4	-4	-3	-3	-3	-4	-4	-4
4950	-5	-5	-5	-5	-6	-6	-6	-9	-9	-9
4960	-9	-11	-11	-11	-13	-15	-15	-16	-16	-17
4970	-16	-17	-18	-18	-18	-18	-17	-15	-14	-14
4980	-13	-10	-9	-6	-4	-3	-2	-1	0	0
4990	2	4	4	4	6	6	7	7	6	6
5000	8	8	7	7	5	5	7	1	0	0
5010	-1	-1	-1	-1	-2	-2	-4	-4	-5	-9
5020	-10	-10	-10	-8	-6	-6	-9	-10	-10	-11
5030	-14	-14	-14	-14	-11	-11	-11	-11	-11	-10
5040	-11	-11	-10	-8	-5	-4	-4	-4	-2	-1
5050	0	0	0	1	3	5	5	5	5	7
5060	9	9	9	13	12	14	14	12	12	11
5070	9	9	8	9	9	7	6	4	3	3
5080	1	0	0	0	-1	-1	-3	-4	-4	-7
5090	-8	-5	-4	-4	-8	-13	-14	-16	-17	-18
5100	-17	-17	-19	-20	-20	-20	-19	-19	-20	-20
5110	-20	-18	-15	-13	-12	-11	-11	-12	-11	-10
5120	-8	-8	-9	-8	-9	-10	-11	-12	-12	-12
5130	-11	-10	-9	-8	-7	-7	-7	-7	-4	-1
5140	0	1	2	4	5	5	5	5	6	6
5150	7	7	7	7	7	6	6	5	4	4
5160	3	4	5	5	5	6	6	6	6	6
5170	6	6	6	6	6	6	6	5	4	4
5180	1	0	0	0	0	0	-1	-1	0	0
5190	1	2	1	1	1	1	1	1	1	2
5200	2	2	2	6	8	9	10	9	7	6
5210	7	10	13	13	15	15	15	15	14	15
5220	15	15	14	13	12	11	11	11	10	10
5230	11	12	14	15	16	17	17	17	15	14
5240	12	11	9	10	9	9	9	7	8	8
5250	8	7	8	8	8	8	8	8	8	9
5260	10	10	13	13	14	13	12	10	9	9
5270	11	11	13	13	13	10	10	9	7	7
5280	7	9	9	10	9	8	5	3	4	3
5290	1	2	1	0	0	-1	-1	-1	0	0
5300	0	0	0	0	-4	-5	-6	-6	-2	0
5310	-3	-4	-4	-4	-4	-5	-6	-6	-7	-9
5320	-10	-7	-6	-6	-6	-7	-7	-7	-7	-7
5330	-6	-6	-9	-7	-6	-6	-4	-1	-3	-3
5340	-5	-5	-5	-1	0	1	2	0	0	0

TO BE CONTINUED

CONTINUED ( S-1046 EAST )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	0	0	0	1	2	0	0	0	0	1
5360	1	1	0	0	1	2	1	0	0	-2
5370	-3	-3	-1	2	3	3	3	3	3	3
5380	4	4	4	6	7	7	6	6	7	7
5390	8	8	9	10	10	11	11	13	14	12
5400	10	9	9	9	9	10	10	9	8	6
5410	6	6	6	6	6	6	7	9	9	9
5420	10	10	8	8	8	8	8	8	9	9
5430	8	8	8	9	10	11	10	8	5	3
5440	2	1	0	0	0	1	4	4	4	4
5450	4	4	4	4	3	3	3	3	4	4
5460	4	4	4	4	5	5	5	4	4	4
5470	4	5	7	8	10	12	12	14	14	14
5480	14	14	14	14	13	11	11	13	12	12
5490	13	14	13	11	10	10	10	10	10	9
5500	7	5	5	4	5	5	4	6	6	6
5510	5	4	3	3	4	4	7	6	5	3
5520	10	8	7	8	8	7	6	5	3	3
5530	3	3	3	1	2	4	4	3	4	4
5540	4	3	4	4	3	4	2	3	3	0

END

RECORD = 9-1046 COMPONENT = DOWN STATION = KOKEN-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 5550  
 SAMPLING INTERVAL = 0.040 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC. CONNECTION POINT IN DATA NUMBER= 3059, 5550.

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	41	41	40	39	39	38	37	36	36	35
10	34	34	33	32	32	28	23	18	13	8
20	3	0	-2	-4	-7	-9	-8	-7	-5	-4
30	-3	-2	-1	-1	-1	-1	-1	-1	-1	0
40	4	8	10	11	11	11	11	11	9	0
50	7	12	18	24	31	35	34	32	32	32
60	30	29	27	24	22	19	15	7	-4	-4
70	-5	-3	-4	-7	-11	-15	-18	-21	-25	-25
80	-27	-28	-28	-25	-22	-19	-17	-20	-24	-22
90	-17	-18	-14	-15	-18	-18	-14	-8	-3	-6
100	-8	-9	-12	-12	-13	-16	-16	-6	5	12
110	14	11	4	6	18	33	32	26	20	18
120	16	12	11	8	11	19	30	39	43	46
130	47	51	52	52	55	61	64	64	64	64
140	62	56	46	39	32	26	24	27	35	43
150	45	40	32	25	15	7	0	-2	-2	-2
160	1	7	10	8	0	-11	-16	-14	-11	-8
170	-7	-8	-15	-24	-38	-45	-44	-39	-34	-34
180	-29	-16	-4	9	16	21	21	19	16	13
190	11	8	11	15	24	28	31	31	35	39
200	42	45	49	52	53	49	42	40	38	38
210	37	34	28	25	16	2	-9	-17	-19	-17
220	-9	-2	0	0	-3	-11	-25	-44	-44	-44
230	-40	-34	-28	-24	-24	-21	-21	-18	-16	-16
240	-14	-16	-11	-2	-13	-16	-16	-16	-16	-15
250	1	18	16	21	21	24	28	31	28	22
260	15	18	14	14	11	8	7	8	11	11
270	18	16	14	11	8	7	8	11	11	6
280	-6	-9	-5	0	9	16	21	27	32	38
290	33	26	13	5	-7	-9	-13	-18	-26	-30
300	-28	-24	-14	-2	0	0	-5	-9	-9	-9
310	-3	1	3	0	-3	-8	-14	-18	-18	-12
320	-8	-7	-5	0	5	21	31	41	41	34
330	24	16	17	18	18	15	11	6	1	-5
340	-9	-9	-6	0	4	-4	-11	-15	-17	-13
350	0	-5	-7	-9	-10	-8	0	12	19	19
360	20	19	15	8	0	-10	-16	-16	-8	2
370	12	13	6	0	-5	-13	-18	-20	-17	-12
380	-6	1	11	16	17	16	11	1	-9	-17
390	-21	-20	-11	6	22	34	36	37	33	29
400	27	27	28	29	30	30	30	30	31	29
410	27	27	24	18	15	15	15	21	31	43
420	47	49	49	46	41	31	17	12	2	-3
430	-6	-5	-3	-1	6	12	16	14	6	-2
440	-6	-9	-9	-1	7	14	19	17	15	12
450	22	-8	-10	-11	-9	-3	3	13	20	20
460	470	20	18	14	9	4	-2	-7	-9	-10
470	-15	-23	-31	-33	-44	-45	-45	-43	-40	-33
480	-17	-13	-3	10	16	23	28	29	30	30

TO BE CONTINUED

TO BE CONTINUED



CONTINUED( S-1046 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	37	23	12	6	-1	-8	-8	3	17	24
1040	25	20	10	6	-14	-27	-31	-31	-29	-24
1050	-16	-10	-17	-33	-33	-49	-55	-55	-53	-43
1060	-36	-25	-16	-4	3	5	1	-9	-20	-25
1070	-25	-19	-15	-8	-1	6	10	12	15	15
1080	16	20	21	22	26	29	28	27	33	33
1090	37	38	36	30	20	2	-7	-12	-19	-24
1100	-29	-27	-21	-13	-6	2	12	15	14	15
1110	10	4	-1	-3	-2	0	2	4	9	10
1120	3	-4	-11	-11	-6	2	11	21	28	30
1130	28	24	14	10	9	10	11	11	8	8
1140	7	0	-4	-3	-4	-6	-10	-16	-20	-20
1150	-25	-28	-35	-42	-47	-47	-43	-39	-37	-36
1160	-35	-34	-31	-27	-21	-12	0	5	4	0
1170	-1	-4	-5	-4	-2	4	14	24	30	32
1180	32	30	31	32	31	26	21	18	15	14
1190	12	13	16	20	23	27	31	32	33	33
1200	34	30	23	11	-1	-4	-9	-12	-24	-24
1210	-25	-24	-22	-18	-16	-14	-13	-13	-14	-17
1220	-21	-24	-28	-31	-31	-32	-35	-33	-26	-23
1230	-11	2	12	23	25	24	22	17	22	19
1240	12	6	4	-1	0	2	7	17	22	24
1250	25	22	22	18	18	15	11	8	3	-2
1260	0	-4	-2	2	5	1	-2	-2	6	8
1270	8	9	8	12	16	15	13	11	10	9
1280	12	15	26	43	52	61	66	64	60	60
1290	56	44	40	37	33	29	23	19	16	13
1300	10	10	5	1	-2	0	5	14	22	24
1310	26	28	27	22	20	16	12	8	6	6
1320	6	8	7	3	-3	-19	-30	-37	-52	-66
1330	-73	-75	-74	-72	-69	-65	-62	-52	-38	-30
1340	-29	-28	-25	-25	-25	-26	-24	-14	-6	-3
1350	-3	3	2	13	22	25	25	26	26	30
1360	34	36	37	39	36	34	26	18	11	5
1370	0	-3	-4	-3	-2	-1	-2	-3	-1	-6
1380	-10	-13	-14	-11	-6	1	5	3	-1	-6
1390	-12	-20	-28	-34	-37	-40	-39	-36	-35	-35
1400	-36	-37	-37	-37	-35	-33	-31	-31	-34	-37
1410	-40	-42	-42	-38	-34	-32	-30	-25	-9	11
1420	21	27	32	37	39	38	35	33	29	26
1430	26	25	24	28	35	43	51	58	61	62
1440	64	66	66	63	54	43	38	33	28	25
1450	23	20	15	11	11	8	5	6	10	11
1460	12	10	4	-1	-8	-13	-16	-16	-13	-13
1470	-5	1	4	6	7	4	3	4	6	10
1480	10	9	4	-2	-17	-26	-31	-42	-55	-59
1490	-41	-61	-56	-49	-39	-19	-14	-12	-9	-9
1500	-7	-4	0	1	3	6	10	13	16	20
1510	23	23	23	23	23	28	33	35	35	36
1520	36	30	23	16	9	3	0	0	0	6
1530	9	13	18	22	24	26	26	20	10	0
1540	-9	-17	-22	-22	-21	-19	-17	-16	-16	-16
1550	-15	-13	-11	-10	-14	-17	-20	-21	-18	-7
1560	1	11	19	21	19	16	13	10	4	3

TO BE CONTINUED

CONTINUED( S-1046 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	0	0	2	7	15	17	19	20	20	20
1580	20	21	21	19	18	16	14	13	13	10
1590	3	1	-5	0	-12	-12	-9	-4	0	-9
1600	9	16	16	-19	0	-1	-3	-5	-6	-6
1610	-13	-10	-6	-6	-8	-14	-18	-19	-18	-16
1620	-20	-9	-7	-5	-3	1	8	15	24	32
1630	-13	-9	7	5	3	1	8	15	24	32
1640	40	53	61	69	79	81	81	76	73	67
1650	54	38	27	20	15	11	7	3	0	-5
1660	-11	-21	-27	-35	-37	-36	-35	-34	-34	-32
1670	-29	-27	-27	-24	-21	-18	-16	-16	-16	-16
1680	-18	-21	-23	-26	-27	-27	-24	-17	-11	-9
1690	-3	3	7	9	9	9	9	10	13	13
1700	14	20	25	26	28	29	29	30	32	34
1710	38	37	33	32	27	22	20	20	18	13
1720	9	3	-1	-8	-15	-16	-13	-11	-8	-4
1730	1	5	7	9	8	4	1	-4	-10	-11
1740	-13	-13	-15	-15	-17	-16	-10	-4	4	7
1750	10	16	16	17	16	14	9	4	0	-3
1760	-9	-11	-13	-17	-17	-17	-17	-15	-10	-6
1770	3	3	-1	-7	-11	-14	-17	-21	-26	-30
1780	-32	-34	-37	-37	-37	-37	-34	-31	-34	-37
1790	-38	-37	-34	-29	-16	-2	2	9	13	14
1800	5	21	24	24	26	23	20	11	9	8
1810	4	-2	-14	-21	-26	-32	-37	-36	-40	-38
1820	-35	-31	-26	-26	-26	-23	-22	-21	-20	-16
1830	-12	-7	-2	1	7	9	11	14	15	17
1840	19	21	22	27	28	28	26	21	15	7
1850	-1	-7	-12	-12	-10	-8	-2	1	5	6
1860	3	0	-3	-4	-7	-14	-17	-17	-14	-12
1870	-9	-4	-2	0	2	2	2	3	6	12
1880	15	17	18	16	14	12	10	9	9	9
1890	10	10	8	6	4	0	-1	-1	0	0
1900	1	4	8	7	4	0	-4	-8	-12	-16
1910	-21	-28	-35	-40	-43	-44	-43	-40	-37	-37
1920	-14	-19	-28	-28	-28	-26	-24	-22	-21	-19
1930	-18	-17	-16	-14	-11	-9	-8	-6	-6	-2
1940	2	5	8	8	7	4	2	1	0	0
1950	2	3	6	7	2	-1	-8	-12	-16	-19
1960	-22	-24	-26	-28	-28	-28	-28	-27	-26	-26
1970	-25	-22	-21	-20	-19	-14	-9	-7	-5	-2
1980	-1	-2	-2	-2	-2	0	3	8	14	16
1990	16	18	17	14	13	12	10	9	5	4
2000	4	3	1	2	0	-3	-5	-7	-6	-6
2010	-6	-6	-6	-7	-10	-13	-13	-12	-7	-7
2020	-1	3	12	20	23	26	27	29	26	23
2030	18	13	10	10	13	18	22	31	34	35
2040	42	46	49	51	53	51	47	43	37	25
2050	19	13	10	7	3	2	2	3	0	-3
2060	-7	-9	-13	-13	-20	-21	-21	-21	-21	-24
2070	-27	-27	-30	-30	-32	-35	-36	-37	-37	-38
2080	-36	-36	-37	-34	-33	-30	-28	-28	-28	-28
2090	-28	-28	-30	-31	-29	-28	-27	-25	-20	-20
2100	-12	-2	4	12	16	24	27	29	31	35

TO BE CONTINUED

CONTINUED( S-1046 DOWN )										CONTINUED( S-1046 DOWN )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	33	32	32	33	33	33	31	27	24	24	2650	-16	-18	-21	-23	-24	-24	-25	-25	-25	-24
2120	21	17	13	10	6	2	0	-3	-9	-18	2660	-22	-17	-16	-15	-14	-13	-11	-9	-11	-13
2130	25	-29	-31	-32	-31	-29	-27	-25	-22	-20	2670	-13	-16	-16	-15	-14	-13	-11	-9	-11	-13
2140	20	-20	-19	-18	-18	-17	-16	-15	-12	-12	2680	-15	-15	-15	-15	-14	-12	-9	-4	-1	0
2150	-9	-7	-5	-2	1	3	3	5	1	2	2690	1	1	1	1	2	3	6	7	8	8
2160	-7	-12	-16	-21	-23	-26	-27	-27	-27	-27	2700	8	7	5	3	3	0	-2	-6	-9	-11
2170	-27	-26	-26	-27	-27	-26	-23	-16	-8	-8	2710	-11	-14	-15	-15	-15	-16	-15	-15	-16	-19
2180	0	8	15	23	27	28	28	28	28	28	2720	-21	-24	-25	-25	-30	-30	-28	-25	-23	-19
2190	35	35	35	35	36	34	34	34	34	34	2730	-17	-14	-13	-13	-12	-7	-5	-5	-4	-4
2200	35	35	35	34	30	27	21	12	7	4	2740	-4	-4	-4	-5	-8	-9	-9	-9	-8	-5
2210	4	4	3	3	5	8	10	10	8	8	2750	-3	-3	-3	-1	-1	-3	-3	-2	-1	-2
2220	3	0	-3	-5	-5	-5	-4	-1	-3	-6	2760	-3	-4	-4	-8	-11	-11	-12	-12	-9	-8
2230	-8	-10	-10	-8	-9	-11	-14	-16	-14	-11	2770	-8	-8	-8	-8	-8	-11	-12	-12	-9	-8
2240	-9	-6	-6	-3	0	3	4	7	11	14	2780	-8	-12	-14	0	-3	-3	-3	-9	-6	-6
2250	14	14	14	9	5	4	0	-5	-6	-2	2790	-5	-5	-5	-5	-5	-15	-15	-21	-23	-23
2260	-13	-14	-16	-16	-13	-10	-7	-5	-2	0	2800	-23	-25	-25	-25	-23	-19	-15	-13	-9	-9
2270	1	5	8	10	11	14	14	15	12	9	2810	24	23	22	18	17	17	17	17	17	16
2280	18	16	16	15	15	12	12	12	12	9	2820	16	14	12	13	10	7	7	7	6	6
2290	5	5	4	4	4	4	1	0	-4	-5	2830	9	10	10	14	16	16	15	13	13	11
2300	-5	-1	0	4	7	11	15	19	17	15	2840	9	16	17	17	17	17	17	17	17	16
2310	13	11	8	6	4	4	4	6	10	13	2850	-15	-16	-14	-12	-12	-11	-9	-5	-9	-12
2320	1	-2	-4	-5	-5	-8	-9	-9	-10	-13	2860	-3	-3	-3	-3	-3	-3	-4	-5	-6	-6
2330	-17	-18	-18	-15	-14	-10	-7	-5	-3	-4	2870	-6	-6	-7	-10	-11	-11	-11	-5	-6	-6
2340	-7	-11	-12	-14	-14	-16	-16	-14	-11	-9	2880	-20	-22	-23	-23	-23	-22	-21	-20	-19	-19
2350	-8	-5	-4	-4	-3	-3	0	2	5	6	2890	-20	-21	-21	-21	-22	-22	-23	-23	-23	-23
2360	6	6	6	6	2	-2	-4	-9	-12	-12	2900	-23	-22	-21	-18	-15	-10	-5	-2	0	3
2370	-12	-14	-13	-12	-11	-10	-12	-13	-14	-14	2910	3	3	1	0	-1	-1	-1	-3	-5	-3
2380	-14	-14	-13	-11	-2	2	3	5	6	4	2920	-5	-4	-2	-3	-4	-5	-5	-5	-6	-8
2390	4	5	7	9	8	7	7	6	4	0	2930	-9	-9	-9	-7	-5	-3	0	3	6	8
2400	0	-2	-5	-10	-13	-14	-16	-19	-20	-22	2940	9	12	18	18	18	18	17	18	19	18
2410	-26	-28	-30	-31	-29	-28	-28	-27	-25	-24	2950	18	19	19	18	16	16	16	17	19	19
2420	-24	-23	-21	-15	-9	-8	-7	-2	2	5	2960	19	18	15	14	13	10	9	7	5	5
2430	5	3	0	-5	-9	-11	-11	-9	-7	-7	2970	5	5	5	5	5	5	6	8	9	10
2440	-6	-6	-3	0	3	5	5	2	-3	-8	2980	13	15	13	15	13	11	10	12	12	14
2450	-12	-14	-14	-14	-14	-11	-8	-5	-2	3	2990	15	15	15	15	18	18	18	18	18	15
2460	6	8	8	8	10	10	13	15	17	20	3000	13	13	13	13	13	13	10	9	9	6
2470	23	23	22	21	21	20	17	17	16	14	3010	5	1	0	0	0	0	0	0	0	-2
2480	13	12	8	5	1	-3	-6	-8	-8	-9	3020	-5	-4	-7	-7	-7	-7	-8	-8	-8	-7
2490	-12	-15	-18	-19	-18	-18	-19	-19	-22	-22	3030	-7	-8	-8	-7	-5	-5	-4	-4	-5	-9
2500	-25	-25	-25	-23	-21	-23	-22	-23	-21	-19	3040	-11	-11	-11	-7	-5	-5	-4	-4	-2	-3
2510	-16	-13	-9	-5	-4	-3	-3	-3	-4	-5	3050	-4	-4	-6	-6	-6	-6	-6	-5	-3	4
2520	-7	-5	-5	-4	-3	0	1	9	15	15	3060	5	6	10	12	14	16	19	22	25	30
2530	15	15	16	17	18	16	15	15	14	12	3070	34	38	41	44	45	45	45	44	41	39
2540	11	12	11	14	15	15	15	11	11	6	3080	38	38	36	36	36	35	35	36	35	32
2550	5	1	-3	-5	-6	-6	-8	-9	-11	-13	3090	30	27	25	23	22	21	19	18	17	17
2560	-14	-15	-19	-20	-19	-16	-16	-16	-14	-12	3100	18	18	19	16	14	11	9	9	9	8
2570	-13	-15	-16	-16	-18	-19	-19	-19	-19	-20	3110	9	9	8	8	8	6	6	6	6	9
2580	-19	-20	-20	-23	-23	-23	-21	-20	-20	-20	3120	9	9	9	9	8	6	6	6	5	9
2590	-17	-16	-10	-6	-5	-4	-3	-2	-3	-3	3130	8	10	12	14	14	14	15	15	16	16
2600	0	0	-1	0	0	0	0	4	4	5	3140	15	11	9	8	6	6	6	5	5	6
2610	5	4	2	1	1	-4	-5	-4	-3	-3	3150	4	1	1	5	5	4	4	3	2	6
2620	-1	1	1	1	2	0	0	0	0	1	3160	1	1	1	2	4	5	6	7	7	9
2630	1	0	-2	-3	-6	-8	-8	-11	-15	-20	3170	10	12	13	14	13	14	14	14	13	14
2640	-22	-22	-20	-19	-18	-18	-18	-19	-17	-15	3180	14	14	13	12	10	9	8	5	4	0

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1046 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	-3	-4	-4	-4	-3	-4	-4	-3	-5	-5
3200	-6	-6	-7	-6	-3	-2	0	0	4	6
3210	8	9	6	4	0	1	-1	-3	3	-3
3220	-5	-7	-8	-10	-9	-10	-10	-10	-10	-10
3230	-10	-10	-11	-11	-11	-14	-12	-9	-6	-6
3240	-6	0	-1	3	2	2	3	3	3	3
3250	0	0	-3	-4	-3	-4	-4	-4	-3	-3
3260	-4	-1	0	3	3	3	3	2	0	0
3270	-4	-4	-7	-9	-10	-10	-10	-8	-6	-6
3280	-6	-4	-3	-2	-3	-6	-7	-7	-6	-6
3290	-4	-3	-3	-2	-3	-4	-4	-3	-3	-3
3300	-4	-4	-4	-1	-2	-1	-1	-2	0	0
3310	2	5	5	6	6	5	3	3	2	2
3320	1	1	1	1	0	-1	-3	-4	-5	-5
3330	-7	-7	-10	-6	-3	-1	0	6	7	10
3340	9	10	8	5	3	1	0	-4	-6	-6
3350	-8	-10	-10	-11	-11	-13	-13	-12	-13	-13
3360	-13	-12	-12	-11	-14	-15	-17	-19	-20	-20
3370	-20	-21	-22	-23	-24	-25	-25	-25	-27	-27
3380	-27	-26	-24	-23	-22	-21	-20	-20	-19	-17
3390	-16	-15	-13	-11	-10	-9	-7	-6	-4	-4
3400	-5	-4	-3	-2	-1	0	0	2	6	9
3410	11	13	14	17	19	19	18	18	16	16
3420	12	9	6	4	2	0	-3	-5	-7	-10
3430	-13	-16	-16	-16	-16	-15	-11	-8	-6	-6
3440	-3	-2	-2	-1	-2	-1	0	3	3	3
3450	3	3	3	4	6	8	8	7	4	4
3460	4	4	4	4	3	2	0	-1	-3	-3
3470	-2	-2	-2	-2	-4	-7	-7	-7	-9	-9
3480	-1	-1	-1	-1	-6	-6	-5	-4	-4	-4
3490	-1	2	2	2	2	3	2	2	1	-2
3500	-3	-5	-8	-10	-14	-14	-15	-16	-20	-20
3510	-20	-19	-17	-14	-14	-14	-14	-14	-12	-12
3520	-9	-10	-10	-9	-8	-7	-5	-3	0	1
3530	2	1	2	-1	-4	-4	-3	-3	-2	-1
3540	1	4	5	6	6	8	9	9	8	11
3550	15	16	15	15	16	15	15	13	13	13
3560	13	13	15	15	14	12	10	7	4	4
3570	1	2	2	1	1	2	2	4	5	10
3580	11	12	12	14	15	16	15	15	18	18
3590	18	18	19	19	22	23	23	24	24	23
3600	24	25	25	25	25	25	21	21	21	21
3610	18	18	16	15	12	8	6	4	2	0
3620	-1	-2	-3	-3	-3	-3	-3	-3	-3	-2
3630	-3	-2	1	4	3	3	2	2	4	6
3640	8	8	8	8	6	5	4	2	0	0
3650	0	0	0	0	0	0	3	5	6	9
3660	10	11	11	12	14	16	18	19	20	20
3670	19	18	18	18	17	16	16	16	15	12
3680	11	11	9	6	4	2	0	0	0	0
3690	0	0	0	0	0	0	0	0	1	1
3700	1	1	2	4	4	4	4	4	4	4
3710	4	4	4	5	8	8	9	10	10	11
3720	9	10	11	11	11	10	11	10	11	13

TO BE CONTINUED

CONTINUED( S-1046 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3730	15	15	16	16	16	16	15	16	15	16
3740	16	20	22	24	25	27	26	27	29	29
3750	30	29	26	24	24	24	24	22	20	20
3760	20	20	19	17	15	15	15	13	10	7
3770	6	7	7	6	4	2	0	1	0	1
3780	1	1	1	3	3	4	4	4	3	3
3790	3	1	0	-2	-6	-8	-9	-12	-11	-12
3800	-14	-14	-13	-10	-8	-6	-6	-6	-6	-2
3810	1	3	5	5	7	10	13	14	14	14
3820	14	15	14	16	18	18	18	16	16	14
3830	12	11	11	9	7	7	7	7	7	7
3840	7	4	4	4	4	3	4	3	1	0
3850	0	-2	-2	-2	-2	-2	-2	-2	-2	-2
3860	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
3870	-1	0	0	0	0	0	0	0	0	0
3880	-9	-11	-11	-12	-13	-15	-14	-11	-8	-7
3890	-6	-5	-5	-5	-5	-6	-6	-6	-5	-5
3900	-6	-5	-5	-5	-6	-6	-6	-6	-6	-6
3910	-4	-2	-1	0	2	3	3	3	3	4
3920	5	5	5	5	5	5	5	4	3	3
3930	2	1	2	4	4	3	2	1	0	0
3940	0	0	0	0	0	0	0	0	0	0
3950	0	1	2	4	5	5	5	5	5	8
3960	10	10	9	9	9	10	9	9	10	9
3970	9	9	10	9	9	10	9	9	9	9
3980	10	9	5	5	4	4	5	4	4	3
3990	1	0	0	0	-2	-4	-6	-6	-6	-5
4000	-4	-1	0	4	5	5	5	6	6	6
4010	6	6	6	6	6	6	6	6	6	6
4020	-2	-3	-3	-3	-3	-3	-3	-3	-3	-3
4030	-1	-1	-1	-1	-1	0	0	1	1	1
4040	5	5	3	3	5	6	9	9	7	7
4050	5	4	3	1	0	-1	-3	-5	-7	-9
4060	-10	-8	-6	-6	-4	0	0	0	0	0
4070	0	0	0	0	0	0	0	0	0	0
4080	0	0	0	0	0	0	0	0	0	0
4090	-4	-4	-4	-1	0	1	2	2	2	2
4100	3	3	2	2	2	2	3	3	3	3
4110	3	5	8	9	10	12	13	13	12	12
4120	12	12	12	13	13	12	11	10	9	8
4130	7	7	7	7	7	7	7	5	3	1
4140	-1	-2	-3	-3	-4	-4	-10	-12	-14	-15
4150	-15	-15	-15	-15	-14	-12	-11	-8	-6	-4
4160	-5	-2	0	0	0	0	0	0	1	1
4170	-5	5	5	5	5	5	5	5	5	5
4180	2	4	4	4	4	4	4	4	4	4
4190	2	4	4	5	6	6	6	6	6	6
4200	-5	-7	-10	-12	-13	-15	-15	-15	-16	-17
4210	-19	-20	-20	-20	-20	-20	-20	-20	-20	-20
4220	-19	-19	-19	-18	-15	-12	-12	-11	-9	-8
4230	-20	-19	-19	-18	-15	-12	-12	-11	-9	-8
4240	-9	-9	-9	-9	-8	-8	-8	-8	-8	-8
4250	-5	-2	0	0	1	1	1	1	1	1
4260	0	-2	0	0	0	0	0	0	1	4

TO BE CONTINUED

CONTINUED( S-1046 DOWN )										CONTINUED( S-1046 DOWN )												
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	
4270	4	4	5	6	6	6	6	6	6	5	4810	-1	0	-1	-1	0	0	0	0	0	0	
4280	5	6	6	5	6	6	6	6	6	5	4820	-1	-1	0	0	-1	0	0	-1	-1	0	0
4290	5	5	1	1	0	-1	-1	-1	-1	-4	4830	0	-1	0	-1	0	-1	-2	-1	-1	0	0
4300	-5	-6	-5	-7	-7	-6	-5	-3	0	0	4840	0	-1	0	-2	-2	-3	-3	-3	-3	-3	-3
4310	0	0	0	0	-2	-1	-4	-4	-4	-4	4850	-3	-3	0	-3	-3	-1	-1	-1	-1	0	0
4320	-5	-4	-3	-5	-7	-8	-6	-6	-8	-8	4860	0	0	0	0	0	0	0	0	0	0	0
4330	-9	-7	-4	-1	-1	-1	-4	-5	-8	-6	4870	4	4	4	4	5	5	5	7	7	7	6
4340	-5	-5	-6	-7	-4	-2	-1	-2	-1	-1	4880	5	3	2	0	1	1	1	1	1	1	0
4350	0	0	0	-1	-1	0	0	-1	-3	-5	4890	4	0	0	0	2	3	3	3	3	3	3
4360	-4	-5	-5	-13	-13	-13	-11	-11	-11	-11	4900	4	0	4	4	2	0	-1	-2	-2	-2	-2
4370	-8	-7	-9	-10	-9	-9	-9	-9	-9	-11	4910	-5	-6	-8	-10	-11	-11	-10	-10	-11	-12	-12
4380	-10	-9	-10	-10	-9	-9	-9	-9	-9	-11	4920	-14	-17	-20	-20	-20	-20	-20	-20	-22	-22	-23
4390	-4	-4	-4	-6	-5	-5	-5	-4	-3	-2	4930	-24	-24	-24	-24	-24	-24	-24	-26	-26	-26	-25
4400	-8	-7	-7	-6	-5	-5	-4	-4	-3	-2	4940	-24	-24	-23	-23	-22	-21	-20	-20	-20	-20	-19
4410	-2	-1	0	0	5	5	5	5	5	8	4950	-17	-16	-16	-16	-15	-14	-12	-11	-10	-10	-10
4420	11	12	11	10	9	9	10	9	7	8	4960	-9	-9	-9	-9	-8	-4	-4	-2	-2	-1	-1
4430	6	3	2	3	3	2	2	2	3	3	4970	0	0	0	0	3	5	5	5	5	5	5
4440	4	3	3	5	5	4	4	4	3	3	4980	5	7	10	10	11	10	11	11	11	11	10
4450	2	2	0	-1	0	0	0	0	-1	-3	4990	11	12	12	12	12	14	14	14	14	14	14
4460	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	5000	12	12	12	12	13	14	14	14	13	13	13
4470	-4	-4	-4	-4	-3	-1	0	0	0	0	5010	13	14	14	13	14	13	13	13	11	11	12
4480	0	1	0	1	0	0	0	1	4	5	5020	10	6	4	4	3	2	1	1	1	0	-1
4490	5	4	4	4	4	4	4	4	4	4	5030	-4	-8	-9	-9	-9	-8	-5	-6	-6	-6	-9
4500	-2	-2	-4	-5	-4	-4	-4	-4	4	4	5040	-9	-9	-7	-5	-5	-5	-4	-4	0	0	0
4510	3	5	4	4	4	4	4	4	4	4	5050	-4	-4	-4	-4	-4	0	0	0	-1	-2	-2
4520	1	0	0	0	0	0	0	0	0	-1	5060	-3	-2	-2	-2	-2	3	4	4	4	4	4
4530	-2	0	-2	-2	-2	-2	-2	-2	-3	-3	5070	1	1	0	0	2	3	4	4	4	4	2
4540	0	0	0	0	0	0	0	0	0	0	5080	-3	-6	-9	-10	-10	-10	-9	-8	-7	-8	-8
4550	8	8	9	9	8	8	8	10	11	11	5090	-8	-8	-10	-11	-12	-12	-12	-12	-12	-12	-13
4560	11	10	11	10	11	11	11	11	11	11	5100	-8	-8	-10	-11	-11	-13	-13	-12	-12	-12	-13
4570	11	11	10	10	10	8	5	4	4	3	5110	-14	-15	-16	-15	-14	-14	-14	-14	-14	-13	-9
4580	3	2	2	0	-2	-3	-3	-3	-4	-5	5120	-11	-13	-15	-17	-20	-21	-21	-19	-19	-19	-20
4590	-6	-9	-9	-7	-7	-7	-7	-7	-7	-7	5130	-20	-19	-18	-18	-18	-16	-13	-14	-14	-14	-13
4600	-7	-7	-7	-7	-6	-6	-6	-4	-1	-1	5140	-11	-10	-10	-9	-8	-5	-3	-3	-3	-3	-5
4610	-1	-1	-1	-1	-1	-1	-1	-1	0	-1	5150	-7	-5	-5	-6	-4	-3	-1	0	0	0	0
4620	0	0	0	0	2	2	2	2	2	3	5160	0	-7	-9	-9	-2	-2	-3	-3	-3	-3	-3
4630	2	2	3	3	3	3	3	3	3	3	5170	-4	-4	-4	-4	-4	-6	-6	-5	-5	-4	-4
4640	2	2	3	3	3	3	3	3	3	3	5180	-4	-4	-4	-4	-4	-3	-3	-3	-3	-3	-3
4650	7	8	9	9	8	8	8	8	8	6	5190	2	0	0	0	0	1	1	1	1	1	1
4660	5	4	4	4	4	4	5	5	5	5	5200	5	7	8	7	7	6	4	4	4	4	4
4670	4	4	3	3	3	3	3	3	3	3	5210	2	2	2	1	1	1	1	1	1	1	1
4680	3	3	3	3	3	3	3	3	2	2	5220	0	4	4	4	4	4	4	4	4	4	4
4690	0	0	0	0	0	0	0	0	-2	-4	5230	5	4	4	4	4	4	4	4	4	4	4
4700	-5	-7	-7	-6	-4	-2	-1	1	1	2	5240	5	4	4	5	5	5	5	5	5	5	5
4710	2	1	1	1	1	0	0	0	0	0	5250	6	8	8	8	8	7	5	5	5	5	2
4720	2	2	2	2	2	2	2	2	1	-1	5260	6	8	8	8	8	8	8	8	7	7	7
4730	-1	-2	-2	-2	-1	-1	-1	-1	-1	-1	5270	7	8	8	8	8	8	8	7	7	7	7
4740	-3	-7	-7	-7	-7	-6	-5	-5	-5	-4	5280	8	7	7	6	6	6	6	6	6	6	6
4750	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	5290	6	6	6	5	5	4	4	4	4	4	4
4760	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	5300	0	0	0	0	0	0	0	0	0	0	0
4770	-12	-12	-11	-11	-11	-11	-11	-11	-11	-11	5310	-4	-4	-3	-2	-2	-2	-2	-2	-1	-1	-5
4780	-7	-7	-7	-6	-6	-6	-6	-6	-6	-6	5320	0	-4	-4	-3	-2	-1	0	0	0	0	-3
4790	-6	-7	-7	-6	-5	-5	-4	-4	-4	-4	5330	-8	-11	-12	-14	-14	-14	-14	-16	-16	-17	-6
4800	0	0	0	0	-7	-5	-4	-1	0	0	5340	-18	-18	-18	-18	-19	-19	-20	-20	-20	-19	-18

TO BE CONTINUED

TO BE CONTINUED

RECORD # M-170 COMPONENT # NORTH STATION # KOKEN-M  
 DATE AND TIME # 1978-01-14-12-24 TOTAL NUMBER OF DATA # 10050  
 SIGNALING INTERVAL # 0.010 (SEC) UNIT # 0.1 GAL  
 SIGNAL # GR. ACC.  
 CONNECTION POINT IN DATA NUMBER# 3498, 6996, 10050;

CONTINUED ( S-1046 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	-17	-15	-14	-14	-14	-14	-14	-14	-12	-10
5360	-8	-6	-7	-6	-4	-4	-4	-3	-3	-4
5370	-5	-4	-4	-4	-3	-3	-3	-4	-4	-7
5380	-3	-3	-3	-4	-4	-5	-5	-6	-6	-7
5390	-6	-5	-5	-5	-5	-6	-6	-5	-4	-3
5400	-3	-3	-4	-4	-4	-4	-4	-4	-4	-3
5410	-4	-4	-4	-3	-3	-4	-4	-4	-2	-3
5420	-7	-8	-10	-11	-9	-7	-7	-9	-9	-7
5430	-10	-9	-6	-6	-6	-6	-6	-6	-6	-6
5440	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
5450	-6	-6	-6	-7	-6	-5	-4	-4	-4	-5
5460	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4
5470	-4	-4	-4	-5	-4	-5	-5	-4	-3	-3
5480	-1	0	0	0	0	0	1	2	0	0
5490	0	0	0	0	0	0	2	3	2	3
5500	4	5	5	5	5	5	5	5	3	0
5510	0	-2	-2	-3	-3	-3	-3	-3	-2	-2
5520	-1	-1	-2	-2	-1	0	0	0	0	0
5530	0	0	0	0	0	0	0	0	-4	-6
5540	-7	-7	-7	-7	-7	-7	-6	-7	-7	-7

END

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	-2	-5	-8	-9	-6	-3	0	2	2	0
10	-2	-3	-2	1	5	8	8	5	1	0
20	-1	0	0	0	-2	-4	-6	-7	-6	-5
30	-3	-1	1	3	4	4	4	1	1	4
40	7	10	11	7	0	-6	-11	-14	-17	-19
50	-21	-19	-13	-4	4	9	9	6	0	-3
60	-5	-3	-2	0	0	0	1	3	7	9
70	11	12	13	13	13	12	10	8	6	6
80	6	7	8	8	7	4	0	-8	-14	-19
90	-21	-19	-15	-13	-11	-11	-13	-15	-16	-14
100	-12	-9	-9	-10	-10	-13	-15	-17	-15	-15
110	-14	-14	-13	-11	-9	-8	-9	-10	-11	-9
120	-3	3	8	12	14	14	11	8	7	7
130	8	10	11	11	9	7	3	1	2	5
140	9	12	13	12	9	6	4	3	2	4
150	2	0	0	-1	-1	0	2	4	4	4
160	3	3	4	5	8	10	9	6	0	-8
170	-17	-21	-21	-17	-14	-14	-18	-22	-22	-19
180	-12	-4	2	5	7	10	15	20	24	27
190	25	19	13	8	5	2	0	-4	-9	-15
200	-19	-21	-20	-15	-8	-1	2	5	6	7
210	8	12	17	20	22	20	16	13	11	12
220	15	18	17	13	7	2	0	0	-5	-12
230	-21	-30	-35	-34	-29	-24	-20	-16	-10	-4
240	2	8	13	15	12	4	-4	-15	-27	-38
250	-44	-43	-38	-39	-19	-8	-1	1	0	0
260	1	6	13	18	20	19	14	10	10	11
270	15	19	24	29	34	37	35	27	18	16
280	8	3	2	5	13	23	29	26	15	0
290	-15	-28	-36	-36	-26	-13	0	11	19	23
300	23	20	14	8	0	-8	-13	-14	-14	-16
310	-21	-29	-38	-44	-45	-40	-29	-17	-9	-5
320	5	-9	-13	-9	0	12	26	37	44	45
330	39	31	24	17	16	17	19	20	21	19
340	16	12	9	7	6	4	2	0	0	-2
350	5	5	-8	-12	-18	-22	-18	-11	-3	2
360	5	5	3	0	0	2	6	9	11	8
370	1	-9	-23	-35	-42	-43	-41	-38	-35	-34
380	-32	-28	-23	-18	-13	-9	-7	-6	-6	-5
390	-3	2	11	23	34	42	44	40	32	22
400	12	6	4	3	1	-2	-6	-8	-7	-4
410	0	2	4	5	7	8	9	9	9	12
420	17	24	31	37	38	34	24	15	12	13
430	19	26	31	25	8	-10	-25	-31	-30	-29
440	-29	-31	-28	-22	-13	-3	5	11	12	9
450	2	-2	-4	-2	0	2	1	0	3	7
460	12	16	16	13	7	-1	-8	-12	-11	-5
470	1	7	12	14	16	19	24	30	37	47
480	56	63	65	61	53	40	24	16	15	16

TO BE CONTINUED

CONTINUED( M-170 NORTH )

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	13	4	-7	-12	-10	-4	-1	-2	-7	-17
500	-27	-32	-29	-23	-17	-13	-15	-19	-23	-33
510	-26	-27	-25	-22	-18	-14	-10	-5	0	5
520	10	14	14	12	9	8	9	10	8	8
530	3	-2	-6	-7	-3	5	16	25	31	34
540	36	38	38	36	30	17	-1	-12	-21	-24
550	-23	-19	-14	-10	-9	-10	-13	-17	-22	-25
560	-26	-26	-28	-31	-34	-35	-31	-19	-4	0
570	16	20	19	15	7	0	-3	-2	0	5
580	11	17	19	20	17	11	2	-8	-18	-24
590	-24	-20	-13	-8	-7	-10	-16	-22	-24	-27
600	-25	-25	-24	-29	-34	-45	-50	-51	-48	-44
610	-39	-31	-26	-18	-11	-4	1	7	8	8
620	10	9	5	-1	-8	-14	-15	-12	-5	7
630	17	28	27	24	10	-6	-17	-15	-6	7
640	23	35	41	40	33	23	14	9	8	10
650	15	19	21	20	16	10	3	-2	-8	-12
660	-16	-20	-25	-29	-33	-37	-40	-43	-44	-41
670	-32	-20	-6	6	15	21	23	22	18	13
680	8	11	25	44	59	65	60	44	23	11
690	7	9	13	15	16	14	12	8	5	0
700	-4	-11	-19	-27	-33	-33	-27	-20	-14	-10
710	-9	-10	-8	-3	2	6	7	5	0	-5
720	-6	-2	3	8	8	4	-3	-14	-21	-20
730	-9	7	18	19	16	16	22	31	39	42
740	42	37	31	26	26	27	27	24	17	8
750	6	13	20	25	24	19	9	-4	-18	-27
760	-28	-30	-33	-38	-45	-54	-58	-53	-40	-26
770	-14	-5	1	6	10	12	14	16	18	19
780	-18	14	7	-3	-18	-33	-43	-46	-43	-38
790	-35	-26	-16	-1	12	24	31	31	24	13
800	2	4	-4	0	4	7	8	8	6	11
810	16	21	23	20	14	5	-2	-6	-7	-5
820	-4	-5	-7	-10	-14	-17	-19	-18	-14	-9
830	-1	10	23	35	45	53	57	58	54	44
840	30	12	-4	-17	-20	-12	-1	7	11	8
850	2	0	6	14	14	21	23	21	12	0
860	-11	-23	-32	-38	-41	-41	-41	-45	-51	-60
870	-67	-69	-66	-58	-48	-36	-22	-7	5	16
880	23	28	31	35	39	45	51	56	59	58
890	53	46	43	44	44	42	36	24	8	-3
900	-11	-9	1	15	25	28	24	14	0	-12
910	-15	-8	5	21	37	47	52	51	43	29
920	14	2	-3	-8	-13	-17	-20	-22	-25	-29
930	-33	-35	-33	-25	-12	2	15	23	28	32
940	39	48	59	69	75	76	70	59	47	36
950	25	17	10	-8	-18	-29	-40	-49	-51	-41
960	-46	-35	-24	-15	-10	-8	-11	-13	-14	-14
970	-13	-14	-16	-19	-23	-23	-22	-17	-9	1
980	6	12	18	27	39	53	64	70	67	55
990	37	21	11	6	5	6	4	-2	-16	-31
1000	-43	-51	-52	-48	-43	-37	-30	-20	-8	5
1010	18	26	20	1	-20	-38	-48	-51	-47	-41
1020	-44	-42	-42	-43	-46	-50	-52	-51	-44	-31

CONTINUED( M-170 NORTH )

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1030	-11	11	29	40	44	42	36	28	20	14
1040	11	13	14	14	10	1	-10	-24	-37	-39
1050	-27	-9	12	33	45	48	44	35	24	15
1060	9	7	7	7	7	10	13	16	16	16
1070	14	9	2	-6	-16	-27	-36	-39	-34	-25
1080	-15	-6	-4	-6	-12	-15	-15	-15	-11	9
1090	17	22	23	24	30	38	49	59	64	64
1100	56	43	29	13	-4	-23	-40	-49	-50	-40
1110	-26	-14	-13	-19	-30	-37	-35	-26	-15	-5
1120	1	-8	3	0	4	-4	-9	-17	-25	-20
1130	-19	-8	0	5	4	-4	-11	-20	-27	-30
1140	-30	-27	-18	-5	13	37	59	76	87	91
1150	91	89	86	79	62	37	17	4	7	3
1160	6	5	-3	-20	-37	-47	-49	-44	-38	-31
1170	-22	-11	0	8	9	5	-5	-19	-31	-36
1180	-33	-22	-6	5	16	23	26	28	29	31
1190	35	42	53	64	71	71	59	39	20	6
1200	0	0	0	-3	-13	-33	-55	-68	-68	-61
1210	-53	-48	-18	-30	-50	-44	-34	-21	-10	-4
1220	-4	-8	-18	-30	-39	-45	-43	-36	-24	-4
1230	16	25	22	11	3	5	18	37	61	83
1240	100	115	129	142	156	170	174	162	141	115
1250	89	67	50	38	28	19	8	-5	-24	-45
1260	-70	-96	-121	-141	-154	-160	-144	-113	-86	-65
1270	-51	-40	-32	-28	-27	-27	-24	-19	-14	-14
1280	-10	-7	-6	-5	-3	1	7	13	16	17
1290	15	11	6	5	7	10	11	11	11	11
1300	13	16	17	14	2	-16	-35	-46	-45	-38
1310	-30	-24	-24	-31	-39	-46	-44	-30	-13	-3
1320	0	6	6	-21	-63	-60	-62	-49	-36	-26
1330	-22	-22	-28	-33	-43	-45	-67	-75	-77	-72
1340	-60	-43	-23	-8	7	28	49	65	74	74
1350	63	47	35	34	44	57	66	66	58	44
1360	27	15	9	8	13	14	8	-1	-7	-7
1370	-2	6	14	19	22	23	21	18	17	19
1380	29	44	57	64	64	60	52	42	31	21
1390	13	7	2	-2	-8	-14	-24	-38	-54	-69
1400	-80	-83	-76	-65	-58	-59	-68	-84	-100	-108
1410	-101	-84	-71	-72	-81	-91	-86	-68	-44	-44
1420	23	46	53	51	47	48	56	72	90	107
1430	118	125	126	124	118	103	80	56	27	0
1440	-15	-20	-12	-1	2	-3	-20	-45	-69	-76
1450	-61	-42	-25	-19	-30	-39	-33	-21	-15	-15
1460	29	25	13	6	8	20	46	64	66	39
1470	2	-28	-34	-19	2	25	29	26	7	-21
1480	-44	-61	-64	-59	-47	-28	1	41	81	111
1490	129	128	114	104	91	89	85	74	57	36
1500	-6	-19	-48	-72	-91	-108	-113	-104	-86	-66
1510	49	-84	-14	-2	2	8	17	25	32	34
1520	32	25	16	5	-7	-35	-51	-69	-87	-97
1530	-100	-107	-103	-88	-66	-41	-15	10	35	59
1540	81	94	100	97	84	63	38	18	10	13
1550	22	32	41	49	56	64	78	96	107	102
1560	83	58	30	-2	-44	-74	-91	-99	-102	-104

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( M-170 NORTH )

CONTINUED( M-170 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	-103	-98	-86	-58	-21	11	33	46	53	57
1580	64	71	74	74	64	18	18	-2	-11	-15
1590	-19	-24	-32	-41	-43	-36	-24	-14	-8	-7
1600	-10	-17	-26	-36	-47	-52	-51	-37	-13	10
1610	31	44	49	47	40	31	26	25	28	31
1620	32	32	29	25	26	32	41	50	59	67
1630	74	80	84	88	92	97	100	98	88	71
1640	50	24	4	-14	-34	-51	-70	-88	-102	-110
1650	-111	-105	-94	-81	-65	-53	-47	-44	-46	-46
1660	-48	-50	-49	-43	-36	-28	-22	-27	-41	-53
1670	-59	-56	-43	-27	-17	-16	-23	-34	-38	-26
1680	-12	1	10	15	15	12	6	-2	-13	-23
1690	-30	-27	20	12	2	9	20	28	31	30
1700	27	20	12	2	-4	-3	9	12	13	13
1710	10	4	-4	-14	-20	-21	-14	0	17	30
1720	36	37	32	23	14	10	11	16	22	27
1730	30	30	28	24	20	14	7	-2	-11	-17
1740	-20	-20	-19	-19	-22	-26	-32	-33	-28	-19
1750	-7	2	8	11	12	10	8	7	9	12
1760	15	17	20	23	25	23	11	-4	-22	-39
1770	-53	-61	-57	-43	-27	-17	-14	-15	-16	-14
1780	-10	-8	-11	-19	-32	-49	-65	-74	-73	-64
1790	-51	-36	-25	-18	-15	-15	-17	-20	-21	-18
1800	-12	-5	0	4	4	4	3	12	24	36
1810	45	51	56	60	63	67	65	56	64	62
1820	17	2	-7	-14	-17	-19	-25	-36	-46	-53
1830	-53	-46	-33	-18	-5	4	9	10	6	3
1840	-2	-8	-12	-13	-13	-12	-14	-16	-22	-21
1850	-17	-10	-3	3	7	8	6	1	-4	-9
1860	-13	-14	-11	-6	-1	4	8	9	7	4
1870	0	-5	-10	-13	-13	-10	-4	1	5	6
1880	5	2	-3	-9	-16	-25	-34	-37	-32	-19
1890	-1	19	41	60	73	80	82	81	76	69
1900	59	48	36	24	15	8	3	0	-4	-10
1910	-16	-24	-34	-45	-54	-60	-63	-63	-61	-57
1920	-52	-45	-36	-22	-6	4	10	13	16	22
1930	31	42	51	57	58	56	54	54	57	59
1940	57	50	38	22	3	-13	-22	-26	-32	-39
1950	-49	-59	-66	-70	-69	-63	-55	-69	-44	-39
1960	-35	-29	-18	-6	6	20	34	48	62	73
1970	80	83	83	83	86	91	94	95	93	93
1980	90	85	79	73	66	57	48	35	21	6
1990	-8	-22	-36	-50	-61	-70	-75	-76	-73	-66
2000	-58	-49	-41	-33	-26	-18	-11	-4	2	4
2010	4	1	-1	-4	6	8	12	17	24	32
2020	-38	-4	-42	-38	-34	-30	-28	-25	-21	-14
2030	-7	-3	-2	-5	-8	-11	-12	-10	-6	-5
2040	-9	-18	-30	-41	-49	-52	-49	-45	-44	-44
2050	-45	-48	-53	-56	-56	-52	-44	-35	-26	-17
2060	-10	-5	-2	0	0	0	0	0	2	5
2070	7	10	11	14	17	22	27	30	32	31
2080	29	26	21	15	8	10	15	20	23	20
2090	26	29	35	43	47	46	41	32	22	10
2100	0	-9	-14	-15	-14	-11	-6	-1	2	4

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( M-170 NORTH )

CONTINUED( M-170 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	
2650	-25	-28	-31	-33	-33	-32	-33	-34	-35	-37	8	9	9	9	10	10	11	12	12	10	
2660	-37	-35	-30	-24	-18	-14	-13	-14	-13	-10	9	8	9	9	10	10	10	12	12	10	
2670	5	2	5	6	3	-1	-9	-16	-19	-17	5	5	3	0	-2	-6	-9	-10	8	7	
2680	-13	38	35	30	12	21	30	37	41	43	-8	-8	0	0	-2	-6	-4	-2	0	0	
2690	-7	-11	-13	-12	-10	-8	-8	-9	-10	-15	0	-8	-8	-4	-6	-8	-9	-10	-11	-11	
2700	-27	-35	-46	-64	-57	-64	-66	-64	-60	-56	-11	-10	-8	-7	-5	-3	-2	0	0	0	
2710	-52	-51	-50	-49	-46	-36	-23	-12	-4	0	1	-10	-2	3	7	11	15	20	25	30	
2720	1	0	-1	-3	2	10	19	26	32	37	34	38	41	44	46	48	50	50	49	48	
2730	39	41	42	42	43	44	45	45	43	43	32	37	42	38	34	30	25	15	12	4	
2740	40	35	30	25	20	17	16	16	16	15	9	10	11	11	11	10	9	7	6	5	
2750	14	12	9	6	4	3	3	3	5	5	-11	-7	-2	-3	-8	-12	-15	-15	-14	-14	
2760	4	2	0	-1	-2	-3	-5	-7	-11	-17	28	32	34	36	36	35	33	16	20	24	
2770	-23	-31	-38	-45	-51	-55	-57	-57	-55	-52	33	38	42	46	50	54	58	62	66	70	
2780	-48	-48	-38	-32	-26	-19	-12	-7	-3	-1	18	11	8	5	-1	-6	-11	-15	-17	-17	
2800	-2	-3	-6	-9	-13	-17	-21	-24	-26	-27	-12	-14	-14	-12	-9	-7	-4	-1	1	4	
2810	-26	-23	-20	-17	-17	-18	-21	-25	-30	-34	29	24	19	14	8	2	-3	-7	-10	-12	
2820	-38	-40	-42	-43	-45	-47	-49	-52	-52	-49	36	30	24	19	14	8	2	4	8	13	
2830	-43	-38	-34	-34	-36	-38	-40	-40	-39	-36	32	27	21	15	9	3	3	4	8	13	
2840	-33	-31	-28	-26	-23	-19	-15	-9	-3	2	33	32	30	29	29	30	31	33	34	34	
2850	9	14	19	21	23	24	25	27	30	33	33	32	31	28	26	23	21	18	15	13	
2860	38	43	47	51	51	50	47	42	36	29	8	7	6	5	5	5	6	8	9	9	
2870	23	18	14	10	7	5	2	0	-1	-3	34	30	27	24	22	20	18	16	15	13	
2880	-4	-3	-1	2	6	12	17	22	25	27	9	9	8	6	6	6	4	5	7	8	
2890	28	26	23	18	11	3	-3	-9	-13	-15	34	30	27	24	22	20	18	16	15	13	
2900	-15	-15	-14	-12	-10	-7	-4	0	-3	-6	4	2	3	4	5	6	8	10	12	13	
2910	12	12	10	7	4	0	-3	-6	-10	-11	3	-1	-6	-11	-17	-21	-26	-31	-36	-41	
2920	-11	-10	-8	-6	-6	-7	-10	-12	-12	-11	3	-1	-6	-11	-17	-21	-26	-31	-36	-41	
2930	-10	-9	-8	-7	-6	-4	-2	1	6	9	-3	-1	-6	-11	-17	-21	-26	-31	-36	-41	
2940	11	10	9	9	11	15	20	26	31	34	3	-1	-6	-11	-17	-21	-26	-31	-36	-41	
2950	35	35	33	30	26	22	18	13	8	3	34	30	27	24	22	20	18	16	15	13	
2960	-2	-7	-12	-17	-22	-25	-28	-32	-35	-38	34	30	27	24	22	20	18	16	15	13	
2970	-9	-7	-5	-4	-2	0	3	6	8	9	3	2	1	0	0	0	0	0	0	0	
2980	8	7	6	5	5	4	3	3	4	4	3	2	1	0	0	0	0	0	0	0	
2990	-9	-14	-20	-25	-28	-30	-31	-30	-29	-27	3	2	1	0	0	0	0	0	0	0	
3000	-24	-20	-16	-11	-6	0	6	13	21	27	10	11	13	15	17	18	18	16	15	13	
3010	37	43	49	52	53	51	47	40	31	21	10	11	13	15	17	18	18	16	15	13	
3020	10	-1	-11	-17	-25	-30	-33	-34	-34	-31	-2	-1	-1	-1	-2	-3	-4	-5	-4	-2	
3030	-27	-23	-18	-14	-10	-7	-5	-4	-3	-2	-2	-1	-1	-1	-2	-3	-4	-5	-4	-2	
3040	-2	-2	-3	-4	-6	-9	-11	-14	-15	-14	0	0	0	0	0	1	3	5	5	4	
3050	-10	-5	-1	1	3	4	4	3	4	5	17	15	14	13	12	11	10	9	9	13	
3060	5	6	5	5	4	5	6	8	10	11	11	13	15	17	18	18	16	15	13	13	
3070	10	8	5	2	0	0	0	0	0	-1	10	11	13	15	17	18	18	16	15	13	
3080	-3	-5	-8	-11	-14	-17	-20	-22	-24	-25	14	15	17	18	18	16	15	13	13	13	
3090	-25	-24	-22	-20	-16	-9	-3	1	5	4	-14	-15	-17	-18	-19	-19	-17	-15	-13	-11	
3100	2	1	0	0	0	0	2	3	3	2	1	0	-1	-1	-2	-3	-4	-5	-4	-2	
3110	0	-2	-6	-9	-12	-13	-14	-14	-14	-14	1	0	-1	-1	-2	-3	-4	-5	-4	-2	
3120	14	-13	-12	-10	-8	-5	-3	0	2	4	-11	-7	-3	0	-6	-10	-14	-15	-15	-15	
3130	3	5	2	-1	-5	-8	-9	-10	-9	-9	8	5	2	0	-5	-8	-10	-11	-11	-11	
3140	-8	-7	6	7	9	8	7	5	4	2	-16	-18	-21	-25	-28	-32	-34	-36	-37	-37	
3150	3	6	7	9	9	8	7	5	4	2	-16	-18	-21	-25	-28	-32	-34	-36	-37	-37	
3160	0	-1	-3	-6	-9	-9	-9	-8	-7	-6	-16	-18	-21	-25	-28	-32	-34	-36	-37	-37	
3170	-30	-31	-31	-31	-32	-33	-33	-33	-33	-33	-30	-32	-33	-34	-35	-36	-36	-36	-36	-35	-35
3180	-26	-22	-18	-14	-11	-7	-3	0	2	5	-30	-32	-33	-34	-35	-36	-36	-36	-36	-35	-35

TO BE CONTINUED

TO BE CONTINUED



CONTINUED ( M-170 NORTH )

CONTINUED ( M-170 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 11 )	( 12 )	( 13 )	( 14 )	( 15 )	( 16 )	( 17 )	( 18 )	( 19 )	( 20 )	
3730	-34	-32	-31	-29	-29	-28	-27	-26	-24	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22
3740	-20	-18	-16	-15	-15	-15	-16	-16	-17	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
3750	-19	-20	-21	-22	-23	-23	-24	-24	-25	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
3760	-16	-15	-14	-13	-16	-17	-17	-17	-18	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19
3770	-24	-25	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
3780	-18	-17	-17	-17	-18	-18	-18	-18	-19	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
3790	-25	-27	-28	-31	-34	-36	-36	-36	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35
3800	-36	-38	-41	-43	-44	-43	-41	-38	-35	-32	-30	-28	-26	-24	-22	-20	-18	-16	-14	-12	-10
3810	-33	-30	-27	-23	-20	-17	-15	-14	-12	-10	-8	-6	-4	-2	0	2	4	6	8	10	12
3820	-9	-8	-7	-6	-6	-4	-2	0	3	5	5	5	5	5	5	5	5	5	5	5	5
3830	6	6	5	4	2	0	-2	-4	-6	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
3840	-7	-7	-7	-7	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
3850	-4	-4	-4	-4	-3	-3	-1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
3860	2	2	2	2	2	2	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5
3870	6	6	7	8	9	11	12	15	18	18	18	18	18	18	18	18	18	18	18	18	18
3880	21	24	25	26	24	24	24	20	19	18	18	18	18	18	18	18	18	18	18	18	18
3890	17	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
3900	12	14	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
3910	7	5	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3920	1	0	-2	-5	-10	-14	-19	-23	-25	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
3930	-26	-25	-23	-21	-19	-16	-12	-9	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
3940	-4	-3	-3	-3	-4	-5	-7	-9	-12	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
3950	-16	-17	-17	-17	-17	-16	-15	-14	-12	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
3960	-7	-4	-1	0	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3970	3	1	0	-2	-4	-6	-8	-9	-10	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
3980	-11	-12	-12	-13	-13	-13	-13	-14	-14	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
3990	-13	-13	-12	-11	-10	-9	-7	-4	-2	0	0	0	0	0	0	0	0	0	0	0	0
4000	3	4	5	5	4	3	2	0	-2	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
4010	-5	-8	-11	-14	-17	-19	-21	-22	-22	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21
4020	-20	-19	-17	-15	-12	-9	-5	-1	1	4	4	4	4	4	4	4	4	4	4	4	4
4030	7	10	12	15	18	21	22	23	22	21	21	21	21	21	21	21	21	21	21	21	21
4040	19	16	13	11	10	9	8	7	6	4	4	4	4	4	4	4	4	4	4	4	4
4050	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4060	-6	-7	-8	-9	-11	-13	-14	-16	-16	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
4070	-16	-26	-30	-32	-34	-35	-34	-32	-24	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
4080	-26	-28	-30	-32	-34	-35	-34	-32	-24	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
4090	-20	-16	-13	-10	-7	-3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4100	17	18	17	19	18	16	16	17	15	13	13	13	13	13	13	13	13	13	13	13	13
4110	12	12	13	14	15	16	17	18	16	16	16	16	16	16	16	16	16	16	16	16	16
4120	15	15	16	16	16	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
4130	17	16	14	13	11	9	7	5	3	2	2	2	2	2	2	2	2	2	2	2	2
4140	1	0	0	-2	-4	-6	-7	-7	-7	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
4150	-4	-3	-2	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4160	0	1	3	4	6	7	8	9	10	11	11	11	11	11	11	11	11	11	11	11	11
4170	12	12	12	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4180	11	12	13	15	17	19	22	25	27	30	30	30	30	30	30	30	30	30	30	30	30
4190	33	36	39	41	42	43	42	41	39	36	36	36	36	36	36	36	36	36	36	36	36
4200	34	31	29	28	27	26	25	24	23	24	24	24	24	24	24	24	24	24	24	24	24
4210	25	28	31	34	36	38	39	39	40	41	41	41	41	41	41	41	41	41	41	41	41
4220	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
4230	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
4240	34	33	31	29	27	25	23	22	20	19	19	19	19	19	19	19	19	19	19	19	19
4250	18	18	17	16	15	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
4260	14	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( M-170 NORTH )										CONTINUED( M-170 NORTH )									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4810	26	25	24	23	22	21	20	19	18	18	-8	-10	-10	-11	-12	-13	-15	-16	-16
4820	17	17	17	16	15	14	13	12	11	21	-15	-14	-14	-17	-18	-17	-17	-18	-9
4830	22	23	24	25	25	26	26	26	27	21	-11	-13	-12	-9	-8	-7	-7	-8	-9
4840	28	29	30	31	32	33	34	35	36	27	-13	-14	-16	-17	-18	-19	-19	-19	-20
4850	36	35	35	35	35	34	34	34	34	36	-21	-22	-22	-21	-20	-19	-18	-18	-17
4860	34	35	35	35	35	35	35	34	32	34	-19	-18	-18	-18	-17	-17	-17	-17	-16
4870	30	27	27	28	25	25	25	25	25	32	-13	-14	-12	-8	-6	-5	-4	-4	-4
4880	25	24	24	25	25	26	27	27	28	25	-3	-3	0	0	1	1	1	1	1
4890	28	27	27	27	27	26	25	24	22	28	0	0	0	0	1	1	2	3	3
4900	18	17	15	14	13	13	13	12	11	4	4	4	4	4	4	4	4	4	3
4910	11	11	11	12	13	13	13	13	12	11	3	3	3	3	3	3	3	3	3
4920	12	12	12	13	13	13	13	13	13	12	3	3	3	3	3	3	3	3	3
4930	14	14	15	16	16	17	18	19	20	17	6	6	6	6	6	6	6	6	6
4940	19	19	18	18	18	18	18	18	18	20	9	9	9	8	6	5	5	5	5
4950	17	16	15	15	15	14	14	13	12	11	-1	-2	-3	-4	-5	-5	-6	-5	-5
4960	9	7	6	5	4	4	4	4	5	6	-4	-3	-1	0	2	2	3	3	3
4970	7	8	9	11	12	13	15	17	19	19	-7	-6	-4	-3	0	2	2	2	0
4980	21	23	24	26	28	30	33	35	37	38	3	3	2	2	2	2	2	2	2
4990	39	39	40	41	42	43	44	44	44	44	3	4	6	7	7	6	5	5	0
5000	44	43	43	43	44	45	46	47	48	48	-1	-2	-2	-1	-1	-2	-2	-2	-1
5010	48	48	48	47	44	45	44	42	39	34	0	0	0	0	0	0	0	0	4
5020	33	30	27	24	21	18	16	14	13	12	6	5	5	4	4	4	4	4	5
5030	11	11	10	9	6	6	7	6	6	4	2	2	1	0	0	0	0	0	4
5040	1	0	-2	-3	-4	-6	-7	-8	-10	-11	-6	-6	-6	-5	-4	-4	-4	-4	4
5050	-12	-13	-13	-13	-12	-11	-10	-9	-7	-5	-7	-6	-5	-5	-6	-6	-6	-8	-8
5060	-3	-1	0	1	2	3	3	4	5	6	-6	-6	-6	-6	-6	-6	-6	-8	-11
5070	7	8	9	10	10	10	10	9	8	7	-12	-12	-12	-12	-12	-12	-12	-10	-11
5080	5	3	0	-1	-2	-4	-5	-5	-6	-6	-16	-16	-15	-14	-15	-16	-17	-17	-17
5090	-6	-6	-6	-6	-6	-6	-6	-7	-7	-7	2	2	3	3	3	2	3	4	5
5100	-6	-6	-6	-6	-6	-6	-7	-7	-7	-7	9	11	12	14	15	16	16	16	16
5110	-10	-12	-13	-15	-16	-17	-18	-18	-18	-18	15	14	14	14	15	16	17	17	18
5120	-17	-17	-17	-17	-18	-18	-18	-19	-19	-19	18	19	20	21	22	23	24	26	27
5130	-19	-18	-17	-16	-14	-13	-11	-10	-8	-7	29	29	30	30	29	29	28	27	26
5140	-5	-3	-1	-1	0	0	0	0	1	3	24	25	26	26	25	25	24	22	21
5150	4	5	6	7	7	7	8	8	8	8	18	16	15	14	13	13	12	12	11
5160	8	8	8	7	6	5	3	2	0	0	9	8	7	6	6	6	6	7	8
5170	-2	-3	-4	-4	-3	-3	-2	-1	0	0	10	10	11	12	12	13	14	14	14
5180	0	1	1	2	1	1	0	0	0	0	9	10	11	11	12	12	13	14	14
5190	-2	-3	-4	-6	-7	-9	-11	-12	-13	-13	15	15	14	14	13	12	11	10	9
5200	-13	-13	-13	-13	-13	-13	-13	-12	-12	-11	8	8	7	7	6	6	6	6	6
5210	-10	-8	-7	-8	-7	-6	-6	-6	-6	-6	6	6	6	6	6	6	6	6	6
5220	-8	-8	-7	-10	-11	-13	-14	-15	-16	-16	12	12	12	13	13	13	13	13	13
5230	-16	-16	-16	-15	-14	-13	-11	-10	-8	-7	14	15	15	16	16	17	17	18	18
5240	-6	-5	-5	-5	-4	-4	-5	-5	-6	-6	18	18	19	19	19	19	19	19	19
5250	-9	-11	-12	-14	-15	-17	-18	-18	-18	-18	17	17	17	17	16	15	15	14	13
5260	-18	-17	-16	-16	-16	-15	-14	-13	-13	-12	18	18	18	17	16	15	14	13	13
5270	-11	-10	-10	-10	-10	-10	-10	-9	-8	-7	10	9	8	6	5	5	4	5	5
5280	-7	-7	-8	-9	-10	-12	-14	-15	-17	-18	5	5	4	4	5	5	5	5	5
5290	-19	-20	-21	-22	-22	-23	-24	-25	-26	-26	9	9	9	9	8	8	9	9	9
5300	-26	-26	-26	-25	-24	-24	-24	-25	-25	-24	10	10	10	9	9	9	7	7	6
5310	-26	-26	-25	-25	-24	-23	-22	-21	-20	-19	6	6	6	7	7	8	8	9	9
5320	-19	-20	-20	-21	-22	-22	-22	-22	-21	-21	9	9	9	8	8	7	7	6	5
5330	-20	-20	-18	-17	-16	-14	-13	-12	-11	-11	4	3	2	1	0	-1	-2	-3	-3
5340	-9	-8	-7	-6	-5	-4	-4	-4	-5	-7	-3	-3	-3	-3	-3	-3	-3	-4	-4

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( M-170 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5890	-4	-4	-4	-3	-3	-3	-3	-3	-3	-3
5900	-3	-3	-3	-2	-2	-1	-1	-1	-1	-1
5910	-1	-1	-1	-2	-2	0	0	0	0	0
5920	0	0	0	0	0	0	0	0	0	0
5930	0	0	0	0	0	0	0	0	0	0
5940	1	0	0	0	0	0	0	0	0	0
5950	-3	-3	-3	-3	-2	-2	-1	-1	-1	-1
5960	1	1	2	2	2	1	1	0	0	0
5970	-1	-1	-2	-2	-2	-3	-3	-3	-3	-3
5980	-6	-7	-7	-7	-7	-8	-8	-8	-8	-8
5990	-8	-8	-8	-8	-8	-9	-9	-9	-9	-9
6000	-9	-10	-10	-11	-11	-12	-12	-12	-12	-12
6010	-12	-12	-11	-11	-10	-10	-8	-7	-6	-5
6020	-5	-4	-4	-4	-4	-5	-5	-6	-6	-6
6030	-7	-7	-7	-8	-8	-9	-9	-9	-9	-8
6040	-8	-7	-6	-5	-5	-4	-4	-4	-4	-4
6050	-4	-4	-4	-3	-3	-3	-3	-3	-3	-3
6060	-5	-4	-4	-7	-7	-8	-9	-10	-10	-11
6070	-11	-11	-12	-12	-12	-12	-12	-11	-11	-11
6080	-10	-9	-9	-8	-8	-8	-8	-8	-8	-9
6090	-10	-10	-11	-11	-10	-10	-9	-8	-8	-7
6100	-7	-6	-6	-6	-5	-5	-5	-5	-4	-4
6110	-3	-2	0	1	2	2	2	2	2	2
6120	3	3	4	4	4	4	4	4	4	4
6130	3	3	2	1	0	0	-1	-1	-1	-1
6140	-4	-5	-6	-7	-8	-9	-9	-9	-9	-9
6150	-9	-9	-9	-8	-8	-9	-9	-9	-9	-9
6160	-10	-11	-11	-12	-12	-12	-12	-11	-11	-11
6170	-12	-12	-12	-12	-12	-12	-12	-11	-11	-11
6180	-11	-10	-10	-10	-9	-9	-8	-8	-8	-8
6190	-9	-10	-11	-12	-13	-14	-15	-16	-16	-16
6200	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
6210	-14	-15	-15	-14	-13	-12	-11	-10	-9	-9
6220	-8	-7	-6	-5	-5	-2	-1	0	0	0
6230	0	1	1	1	1	1	0	0	0	0
6240	0	0	0	0	0	1	2	2	3	3
6250	4	4	4	4	4	4	4	3	3	3
6260	2	2	1	0	0	-1	-2	-3	-4	-5
6270	-7	-8	-9	-9	-9	-9	-9	-8	-7	-7
6280	-7	-6	-6	-5	-4	-3	-2	-1	-1	-1
6290	0	0	0	0	0	0	0	0	0	0
6300	0	0	0	0	1	1	2	3	3	3
6310	4	4	5	5	5	6	6	6	6	7
6320	7	7	7	7	6	6	6	6	6	6
6330	4	4	3	2	1	1	0	0	0	0
6340	-1	-1	-1	-2	-2	-3	-3	-3	-4	-4
6350	-4	-4	-4	-4	-5	-5	-5	-5	-6	-6
6360	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
6370	-2	-1	0	1	2	3	4	5	6	7
6380	8	8	9	9	10	10	10	10	11	11
6390	11	11	11	11	11	12	12	12	13	13
6400	13	13	13	13	13	13	13	13	13	13
6410	8	7	7	6	6	5	5	5	5	5
6420	5	5	5	5	5	5	4	4	4	4

TO BE CONTINUED

CONTINUED( M-170 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6430	2	1	0	0	-1	-2	-3	-3	-4	-4
6440	-4	-4	-4	-4	-4	-3	-3	-2	-2	-2
6450	-1	0	0	0	0	0	0	0	0	0
6460	0	0	0	0	0	0	0	0	0	0
6470	-1	-1	-2	-2	-2	-1	-1	-1	-1	-1
6480	-3	-3	-3	-2	-2	-1	-1	-1	-1	-1
6490	1	1	2	3	4	5	6	7	8	9
6500	10	11	10	9	8	7	6	5	4	3
6510	11	10	9	8	7	6	5	4	3	2
6520	2	2	2	2	2	3	3	3	4	4
6530	5	5	5	5	5	5	5	5	5	5
6540	4	4	4	4	4	4	4	4	4	4
6550	4	4	4	4	5	5	5	5	5	5
6560	6	6	6	6	7	7	7	7	8	8
6570	8	8	12	12	13	13	13	10	10	11
6580	11	12	13	14	14	14	14	13	13	13
6590	13	13	13	14	14	14	14	14	14	13
6600	13	13	13	13	13	13	13	13	13	13
6610	13	13	13	13	13	13	13	13	12	12
6620	12	11	11	10	10	9	8	8	8	8
6630	7	7	8	8	8	8	8	8	8	9
6640	9	9	9	9	10	10	10	10	10	10
6650	10	10	10	10	10	10	10	11	11	12
6660	12	13	13	14	14	14	14	14	15	15
6670	15	15	15	15	15	14	14	14	13	13
6680	13	13	13	13	14	14	15	15	15	16
6690	16	16	17	17	17	17	17	16	16	16
6700	16	15	15	14	13	13	12	11	11	11
6710	9	8	7	6	5	4	3	3	3	0
6720	0	-1	-2	-3	-4	-4	-5	-5	-5	-6
6730	-6	-6	-5	-5	-5	-5	-5	-5	-5	-5
6740	-4	-4	-3	-3	-3	-3	-3	-3	-4	-4
6750	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
6760	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
6770	-4	-4	-2	-2	-2	0	0	0	1	1
6780	2	2	2	2	2	1	0	0	0	-1
6790	-4	-5	-7	-8	-9	-9	-10	-10	-10	-11
6800	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
6810	-13	-14	-14	-15	-15	-16	-16	-16	-17	-17
6820	-19	-19	-20	-20	-21	-21	-21	-21	-22	-22
6830	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22
6840	-23	-23	-22	-22	-22	-22	-22	-22	-22	-21
6850	-21	-21	-21	-20	-20	-20	-20	-20	-20	-20
6860	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
6870	-20	-21	-21	-21	-22	-22	-22	-22	-22	-22
6880	-22	-22	-23	-23	-23	-23	-23	-23	-23	-23
6890	-22	-22	-22	-22	-22	-21	-21	-21	-21	-21
6900	-20	-19	-19	-18	-18	-18	-18	-17	-17	-17
6910	-17	-16	-16	-16	-16	-16	-16	-16	-16	-16
6920	-15	-15	-14	-13	-12	-12	-11	-10	-9	-9
6930	-8	-8	-7	-7	-7	-7	-7	-7	-6	-6
6940	-6	-5	-5	-4	-4	-3	-3	-3	-3	-3
6950	0	0	0	1	1	1	1	1	0	0
6960	5	5	5	5	5	5	5	5	5	5

TO BE CONTINUED

CONTINUED( M-170 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6970	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
6980	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
6990	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7000	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7010	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
7020	-8	-9	-9	-10	-10	-11	-11	-11	-11	-11
7030	-10	-10	-10	-9	-9	-8	-7	-7	-7	-7
7040	-5	-5	-4	-4	-4	-3	-3	-3	-3	-3
7050	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
7060	-6	-6	-6	-6	-6	-5	-5	-5	-5	-5
7070	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
7080	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
7090	-5	-5	-4	-4	-3	-3	-2	-2	-2	-2
7100	0	0	1	1	2	2	3	3	3	3
7110	5	6	6	7	7	8	8	9	9	10
7120	10	11	11	11	12	12	12	13	13	13
7130	13	14	14	14	14	14	14	15	15	15
7140	15	15	15	15	15	15	15	15	15	15
7150	15	15	15	15	15	15	15	15	15	15
7160	12	13	13	13	13	13	13	13	13	13
7170	13	12	12	12	11	11	10	10	9	9
7180	8	8	8	7	7	7	7	7	7	7
7190	7	7	7	7	7	7	7	7	7	7
7200	6	6	6	6	6	6	6	6	6	6
7210	6	5	5	5	4	4	3	2	2	1
7220	1	0	0	0	0	0	0	0	0	0
7230	0	0	0	1	1	2	2	3	4	5
7240	5	6	7	7	7	7	8	8	8	8
7250	7	7	7	7	7	6	6	6	6	6
7260	6	6	6	6	7	7	7	8	8	9
7270	9	10	11	11	11	11	12	13	13	14
7280	14	15	16	16	16	16	17	17	17	17
7290	17	17	17	17	17	17	17	18	18	18
7300	18	18	18	18	17	17	16	16	15	15
7310	15	14	13	13	12	12	11	11	10	10
7320	9	8	8	8	7	6	6	6	6	5
7330	5	5	4	4	4	4	3	3	3	3
7340	3	3	3	3	4	4	4	4	4	4
7350	4	4	4	4	4	4	4	4	4	4
7360	3	2	1	1	1	0	0	0	0	0
7370	0	0	1	1	2	3	4	5	5	6
7380	6	7	7	8	8	8	9	9	8	8
7390	8	8	7	7	6	6	5	4	4	3
7400	3	2	1	1	2	2	3	3	3	3
7410	0	0	1	2	3	5	5	5	4	4
7420	5	5	5	5	5	5	5	5	5	5
7430	3	2	1	0	0	0	0	0	0	0
7440	-1	-2	-2	-2	-2	-2	-2	-2	-2	-2
7450	-3	-4	-4	-5	-6	-7	-8	-8	-9	-9
7460	-9	-10	-11	-11	-12	-12	-13	-13	-14	-15
7470	-15	-16	-17	-17	-17	-17	-17	-17	-17	-17
7480	-17	-18	-18	-18	-18	-18	-18	-18	-18	-18
7490	-17	-16	-16	-16	-16	-16	-16	-16	-16	-16
7500	-11	-11	-10	-10	-9	-9	-9	-9	-9	-9

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( M-170 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8050	-9	-9	-10	-10	-10	-10	-10	-10	-10	-10
8050	-11	-11	-12	-12	-13	-13	-14	-14	-15	-15
8070	-16	-16	-17	-17	-18	-18	-18	-18	-19	-19
8080	-19	-19	-20	-20	-20	-20	-20	-20	-20	-20
8090	-20	-20	-19	-19	-19	-19	-19	-19	-19	-19
8100	-18	-18	-18	-18	-18	-18	-18	-18	-18	-17
8110	-17	-17	-17	-17	-17	-17	-16	-16	-16	-16
8120	-16	-16	-16	-16	-16	-16	-16	-16	-16	-15
8130	-15	-15	-15	-15	-15	-15	-15	-15	-14	-14
8140	-14	-14	-13	-13	-13	-12	-12	-11	-11	-10
8150	-9	-8	-7	-7	-7	-6	-5	-4	-4	-3
8160	-3	-2	-1	0	0	0	0	0	0	0
8170	0	0	0	0	0	0	0	0	0	0
8180	1	1	2	2	2	2	3	3	4	4
8190	5	5	5	6	6	6	6	6	6	6
8200	6	6	6	6	6	6	6	6	6	5
8210	5	5	5	5	5	5	5	5	5	6
8220	6	6	6	6	6	6	6	6	6	6
8230	6	6	6	6	6	6	6	6	6	6
8240	5	5	4	4	4	4	4	3	3	3
8250	2	2	2	2	2	2	1	1	1	1
8260	1	1	1	1	1	1	1	1	1	1
8270	1	1	1	1	1	1	1	1	1	1
8280	1	1	0	0	0	0	0	0	0	-1
8290	-1	-2	-3	-3	-3	-3	-4	-4	-4	-4
8300	-5	-5	-5	-5	-6	-6	-6	-6	-6	-6
8310	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
8320	-4	-4	-3	-3	-3	-3	-3	-3	-3	-3
8330	-1	-1	-1	-1	0	0	0	0	0	0
8340	0	0	0	0	1	1	1	1	1	1
8350	3	3	4	4	5	6	6	7	8	9
8360	9	10	10	11	11	11	12	12	12	12
8370	12	13	13	14	14	14	15	15	16	16
8380	16	17	17	18	18	18	18	18	18	18
8390	18	18	18	18	18	18	18	18	18	17
8400	17	16	16	16	15	14	14	13	12	12
8410	11	11	10	10	9	9	9	9	9	9
8420	9	9	9	9	9	9	9	9	9	9
8430	9	9	9	9	9	9	9	9	9	9
8440	9	9	9	9	9	9	9	8	8	8
8450	8	7	7	7	6	6	5	5	5	4
8460	4	3	3	3	2	2	2	1	1	1
8470	0	0	0	0	0	0	0	0	0	0
8480	0	-1	-1	-1	-1	-1	-1	-1	-1	-2
8498	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8500	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8510	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8520	-5	-6	-6	-7	-7	-6	-6	-6	-6	-6
8530	-10	-10	-10	-11	-11	-11	-11	-10	-10	-10
8540	-9	-9	-8	-8	-8	-8	-8	-8	-9	-9
8550	-10	-10	-11	-11	-10	-10	-10	-10	-9	-9
8560	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
8570	-9	-10	-10	-10	-10	-10	-10	-10	-10	-10
8580	-10	-10	-10	-10	-10	-10	-10	-9	-9	-9

TO BE CONTINUED

CONTINUED ( M-170 NORTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8590	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
8600	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
8610	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
8620	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8630	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8640	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8650	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8660	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8670	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8680	-5	-6	-6	-6	-6	-6	-6	-6	-6	-6
8690	-8	-9	-9	-9	-9	-9	-9	-9	-9	-9
8700	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
8710	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
8720	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
8730	-10	-10	-10	-10	-9	-9	-9	-9	-9	-9
8740	-8	-8	-7	-7	-7	-7	-7	-7	-7	-7
8750	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
8760	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
8770	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
8780	-4	-3	-2	-2	-1	-1	-1	-1	-1	-1
8790	1	2	2	2	2	2	2	2	2	2
8800	2	2	2	2	2	2	2	2	2	2
8810	2	2	2	2	2	2	2	2	2	2
8820	2	2	2	2	2	2	2	2	2	2
8830	2	2	2	2	2	2	2	2	2	2
8840	2	2	2	2	2	2	2	2	2	2
8850	4	4	4	4	4	4	4	4	4	4
8860	7	8	8	8	8	8	8	8	8	8
8870	10	10	10	10	10	10	10	10	10	10
8880	11	12	12	12	12	12	12	12	12	12
8890	12	12	12	12	12	12	12	12	12	12
8900	11	11	11	11	11	11	11	11	11	11
8910	10	10	10	10	10	10	10	10	10	10
8920	11	11	11	11	11	11	11	11	11	11
8930	14	15	15	15	15	15	15	15	15	15
8940	17	17	17	17	17	17	17	17	17	17
8950	17	16	16	16	16	16	16	16	16	16
8960	13	13	13	13	13	13	13	13	13	13
8970	10	10	10	10	10	10	10	10	10	10
8980	9	9	9	9	9	9	9	9	9	9
8990	10	10	10	10	10	10	10	10	10	10
9000	10	10	10	10	10	10	10	10	10	10
9010	9	8	8	8	8	8	8	8	8	8
9020	5	5	4	4	4	4	4	4	4	4
9030	2	1	1	1	1	1	1	1	1	1
9040	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
9050	-3	-4	-4	-4	-4	-4	-4	-4	-4	-4
9060	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
9070	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
9080	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
9090	-16	-17	-17	-17	-17	-17	-17	-17	-17	-17
9100	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
9110	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
9120	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11

TO BE CONTINUED

CONTINUED ( M-170 NORTH )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
9670	-3	-3	-3	-3	-3	-4	-4	-4	-4	-5
9680	-5	-5	-5	-5	-4	-4	-4	-5	-5	-5
9690	-5	-5	-5	-4	-4	-4	-4	-5	-5	-5
9700	-3	-2	-2	-2	-2	-1	-1	-1	-1	-1
9710	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9720	-1	-1	-1	-2	-2	-2	-2	-2	-2	-2
9730	-1	-1	-1	-2	-2	-2	-2	-2	-2	-2
9740	-3	-2	-2	-2	-2	-2	-2	-2	-2	-2
9750	-3	-2	-2	-2	-2	-2	-2	-2	-2	-2
9760	0	0	0	0	0	0	0	0	0	0
9770	1	2	2	2	2	2	2	2	2	2
9780	1	2	2	2	2	2	2	2	2	2
9790	1	1	1	1	1	0	0	0	0	0
9800	0	-1	-1	-1	-2	-3	-3	-4	-4	-5
9810	-5	-5	-6	-6	-6	-6	-6	-7	-7	-7
9820	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
9830	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
9840	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
9850	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
9860	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
9870	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
9880	-5	-5	-4	-4	-4	-3	-3	-2	-2	-2
9890	-1	-1	-1	-1	-1	0	0	0	0	0
9900	1	2	2	2	2	2	2	2	2	2
9910	6	6	6	6	6	6	6	6	6	6
9920	6	6	6	6	6	6	6	6	6	6
9930	6	6	6	6	6	6	6	6	6	6
9940	6	6	6	6	6	6	6	6	6	6
9950	6	6	6	6	6	6	6	6	6	6
9960	6	6	6	6	6	6	6	6	6	6
9970	4	4	4	4	4	4	4	4	4	4
9980	2	2	2	2	2	2	2	2	2	2
9990	0	0	0	0	0	0	0	0	0	0
10000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10010	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10020	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10030	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
10040	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6

END

CONTINUED ( M-170 NORTH )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
9430	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
9440	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
9450	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
9460	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
9470	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
9480	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
9490	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
9500	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
9510	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
9520	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
9530	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
9540	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
9550	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
9560	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
9570	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
9580	-8	-8	-7	-7	-6	-5	-5	-4	-4	-4
9590	-3	-2	-2	-1	-1	0	0	0	0	0
9600	1	5	5	5	5	5	5	5	5	5
9610	2	6	6	6	6	6	6	6	6	6
9620	3	6	6	6	6	6	6	6	6	6
9630	3	6	6	6	6	6	6	6	6	6
9640	0	0	0	0	0	0	0	0	0	0
9650	0	0	0	0	0	0	0	0	0	0
9660	1	1	1	1	1	1	1	1	1	1
9670	1	1	1	1	1	1	1	1	1	1
9680	0	0	0	0	0	0	0	0	0	0
9690	0	0	0	0	0	0	0	0	0	0
9700	0	0	0	0	0	0	0	0	0	0
9710	0	0	0	0	0	0	0	0	0	0
9720	0	0	0	0	0	0	0	0	0	0
9730	0	0	0	0	0	0	0	0	0	0
9740	0	0	0	0	0	0	0	0	0	0
9750	0	0	0	0	0	0	0	0	0	0
9760	0	0	0	0	0	0	0	0	0	0
9770	0	0	0	0	0	0	0	0	0	0
9780	0	0	0	0	0	0	0	0	0	0
9790	0	0	0	0	0	0	0	0	0	0
9800	0	0	0	0	0	0	0	0	0	0
9810	0	0	0	0	0	0	0	0	0	0
9820	0	0	0	0	0	0	0	0	0	0
9830	0	0	0	0	0	0	0	0	0	0
9840	0	0	0	0	0	0	0	0	0	0
9850	0	0	0	0	0	0	0	0	0	0
9860	0	0	0	0	0	0	0	0	0	0
9870	0	0	0	0	0	0	0	0	0	0
9880	0	0	0	0	0	0	0	0	0	0
9890	0	0	0	0	0	0	0	0	0	0
9900	0	0	0	0	0	0	0	0	0	0
9910	0	0	0	0	0	0	0	0	0	0
9920	0	0	0	0	0	0	0	0	0	0
9930	0	0	0	0	0	0	0	0	0	0
9940	0	0	0	0	0	0	0	0	0	0
9950	0	0	0	0	0	0	0	0	0	0
9960	0	0	0	0	0	0	0	0	0	0
9970	0	0	0	0	0	0	0	0	0	0
9980	0	0	0	0	0	0	0	0	0	0
9990	0	0	0	0	0	0	0	0	0	0
10000	0	0	0	0	0	0	0	0	0	0
10010	0	0	0	0	0	0	0	0	0	0
10020	0	0	0	0	0	0	0	0	0	0
10030	0	0	0	0	0	0	0	0	0	0
10040	0	0	0	0	0	0	0	0	0	0

TO BE CONTINUED

RECORD # M-170 COMPONENT = WEST STATION = KOKEN-M  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 10100  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR. ACC.  
 CONNECTION POINT IN DATA NUMBER= 3500, 7002, 10100,

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	0	4	8	11	11	9	5	2	1	1
10	-2	-6	-4	3	1	-2	-6	-10	-13	-14
20	-12	-9	-4	-1	2	5	8	7	2	2
30	-6	-16	-22	-25	-13	-18	-13	-10	-8	-7
40	-5	-2	0	0	-2	-4	-4	-2	1	6
50	11	14	15	11	8	5	5	7	9	4
60	11	12	11	7	4	2	2	2	3	4
70	3	1	-1	-9	-7	-5	-2	-20	-17	-17
80	-14	-11	-9	-6	-10	-8	0	3	5	5
90	2	1	-6	-9	-10	-8	4	0	1	1
100	1	2	5	8	13	17	19	21	21	20
110	18	18	18	21	24	25	24	18	13	9
120	7	7	7	4	-2	-10	-18	-23	-22	-15
130	-6	2	6	4	0	-1	1	0	0	-1
140	-4	-6	-4	-1	4	10	12	10	5	0
150	-1	4	13	24	33	37	37	31	20	10
160	4	0	-2	-7	-12	-16	-19	-18	-16	-15
170	-17	-21	-25	-27	-24	-16	-8	-2	1	0
180	-4	-14	-23	-28	-19	-12	-13	-19	-26	-4
190	-27	-23	-14	-3	-2	-11	-26	-36	-37	-31
200	-16	-1	4	0	-7	-10	-4	7	18	22
210	19	10	0	-4	-5	0	6	8	5	-3
220	-10	-14	-15	-10	-2	2	2	-3	-8	-10
230	-7	0	7	13	14	10	5	1	0	-2
240	-3	-4	-5	-4	-1	2	5	5	4	2
250	9	18	29	38	41	37	28	13	2	2
260	10	22	30	32	28	20	14	17	23	27
270	26	19	9	1	0	4	16	29	38	35
280	19	0	-16	-24	-19	-16	-6	4	4	-4
290	-14	-22	-25	-23	-19	-16	-16	-19	-24	-28
300	0	-31	-33	-40	-46	-47	-42	-31	-18	-7
310	0	2	3	4	5	6	5	2	-1	-5
320	-7	-4	0	6	12	17	18	17	14	9
330	4	1	0	0	2	5	9	12	14	12
340	8	3	-4	-13	-19	-20	-19	-19	-21	-28
350	-37	-42	-41	-36	-27	-16	-5	1	2	0
360	-1	-2	-5	-8	-13	-17	-19	-18	-12	-6
370	-1	0	2	5	8	12	16	20	22	22
380	21	21	21	20	18	18	20	24	28	31
390	32	30	26	23	21	18	15	11	5	0
400	0	0	3	5	5	2	-2	-5	-7	-6
410	-5	-4	-4	-3	-1	1	5	8	10	10
420	8	5	2	0	-4	-7	-11	-15	-20	-25
430	-28	-28	-25	-20	-14	-7	0	3	4	3
440	1	-3	-6	-7	-6	-3	0	4	4	3
450	3	3	2	0	-4	-18	-24	-29	-33	0
460	-36	-39	-42	-44	-43	-18	-29	-17	-7	0
470	5	9	10	11	11	10	7	5	2	0
480	-2	-3	-2	-1	1	5	10	15	18	16

TO BE CONTINUED

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
490	9	-2	-14	-25	-31	-31	-28	-25	-24	-27
500	-30	-34	-36	-39	-42	-42	-39	-32	-21	-19
510	1	7	9	8	7	7	8	10	13	15
520	16	17	16	15	13	11	14	14	19	26
530	33	37	39	39	36	33	29	27	27	28
540	28	24	18	10	2	-1	-3	-4	-7	-14
550	-24	-35	-44	-46	-39	-27	-15	-5	0	2
560	1	0	0	0	0	2	6	12	20	23
570	29	28	21	11	0	-8	-14	-18	-21	-26
580	-25	-17	-23	-19	-15	-13	-17	-24	-32	-31
590	-26	-15	-25	-14	11	13	13	16	16	19
600	22	22	19	13	6	3	6	13	17	17
610	9	-4	-15	-15	-4	8	20	28	32	32
620	31	31	31	28	23	15	5	-5	-12	-14
630	-13	3	8	8	-9	-10	-8	-4	0	0
640	3	4	3	0	-5	-11	-18	-24	-30	-34
650	-36	-33	-25	-16	-12	-14	-20	-26	-29	-29
660	-23	-13	-1	7	12	15	18	22	25	25
670	21	13	7	4	4	9	15	19	20	17
680	15	21	31	40	44	44	44	42	42	45
690	50	52	49	40	28	15	5	-2	-7	-9
700	-8	-4	0	1	2	1	0	-2	-4	-5
710	-6	-8	-10	-14	-18	-23	-27	-30	-28	-23
720	-15	-7	0	3	6	7	8	11	15	18
730	19	19	15	10	4	-1	-8	-14	-20	-27
740	-30	-30	-27	-21	-15	-11	-10	-9	-8	-7
750	-7	-10	-14	-18	-19	-19	-16	-14	-13	-14
760	-17	-20	-19	-14	-3	9	20	28	32	33
770	29	22	16	13	11	9	9	5	1	-7
780	-7	-5	-3	-5	-7	-14	-23	-29	-28	-21
790	-12	-5	1	-2	-8	-15	-17	-12	-2	10
800	21	28	31	30	24	20	19	20	21	21
810	17	14	9	4	3	4	6	5	1	-3
820	-7	-7	-4	-1	1	4	8	15	25	39
830	53	58	51	39	29	25	26	32	36	32
840	17	-1	-27	-43	-40	-26	-9	2	7	5
850	0	-5	-3	3	10	16	20	21	20	21
860	23	27	31	33	32	27	20	10	0	-6
870	-8	-5	0	3	4	3	1	-2	-5	-7
880	-9	-12	-15	-17	-18	-18	-16	-16	-9	-5
890	-4	-5	-10	-17	-26	-33	-36	-33	-26	-19
900	-12	-5	-12	-14	10	16	19	17	12	3
910	-5	-8	-3	3	10	14	27	35	38	38
920	33	27	19	10	1	-4	-7	-1	1	2
930	2	3	6	10	19	30	38	41	40	34
940	26	15	5	-5	-14	-24	-32	-40	-43	-43
950	-41	-38	-15	-33	-30	-25	-18	-11	3	3
960	11	17	24	31	38	43	45	43	37	31
970	13	17	13	11	10	7	3	-4	-15	-23
980	-26	-40	-52	-53	-46	-29	-8	11	23	27
990	24	19	13	10	9	10	13	14	13	11
1000	8	5	3	2	2	4	7	9	10	9
1010	6	2	-3	-5	-5	-2	0	0	0	-1
1020	-4	-8	-13	-18	-24	-32	-42	-53	-62	-67

TO BE CONTINUED

CONTINUED( M-170 WEST )			CONTINUED( M-170 WEST )			CONTINUED( M-170 WEST )						
CONTINUED( M-170 WEST )			CONTINUED( M-170 WEST )			CONTINUED( M-170 WEST )						
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )		
1030	-66	-60	-51	-40	-29	-17	-7	-7	40	29	24	25
1040	23	24	22	16	9	9	0	0	146	68	91	146
1050	-26	-30	-33	-36	-40	-41	-39	-42	54	54	66	66
1060	4	17	24	23	10	-7	-20	-27	46	46	48	48
1070	-30	-38	-52	-65	-72	-72	-71	-68	-130	-131	-102	-78
1080	-72	-72	-66	-51	-32	-14	0	8	-9	-12	-20	-21
1090	21	23	26	29	34	41	53	66	-91	-99	-91	-77
1100	79	78	76	75	73	65	52	37	17	30	35	36
1110	16	15	18	20	18	13	4	-6	80	77	72	80
1120	-38	-42	-39	-29	-14	2	19	34	-58	-70	-66	-55
1130	71	79	83	80	71	57	42	32	30	35	54	37
1140	43	50	50	45	34	21	17	24	-12	-13	-16	-18
1150	37	59	58	59	57	49	33	8	-40	-38	-28	-5
1160	-22	-21	-18	-16	-17	-19	-23	-23	-39	-37	-25	-12
1170	-6	-1	0	11	3	4	4	4	-5	-2	-4	-10
1180	-4	0	8	14	23	27	28	19	47	49	-44	-35
1190	-26	-33	-34	-31	-24	-17	2	9	61	73	85	92
1200	13	11	7	0	-7	-18	-32	-41	48	47	26	21
1210	-34	-32	-35	-42	-52	-65	-75	-79	34	39	43	45
1220	-62	-51	-44	-41	-62	-44	-39	-29	45	45	44	43
1230	30	52	60	54	37	16	4	3	25	29	38	48
1240	57	69	68	63	66	70	65	52	6	7	11	13
1250	1	-8	-11	-6	6	20	29	31	2	-3	3	-9
1260	17	15	11	4	-5	-16	-6	4	9	1	13	23
1270	5	-2	-13	-24	-33	-41	-44	-42	-9	-15	-9	-6
1280	-6	-11	-17	-25	-33	-41	-44	-42	-36	-49	-36	-53
1290	-23	-27	-36	-48	-63	-75	-79	-74	-40	-47	-54	-62
1300	-41	-30	-19	-8	-2	18	38	56	-84	-84	-74	-64
1310	62	49	36	38	36	49	60	68	10	14	10	19
1320	70	68	67	66	66	66	68	71	14	14	14	9
1330	75	68	56	44	39	40	45	51	8	15	24	35
1340	22	5	-4	-11	-18	-25	-34	-45	35	41	51	61
1350	-57	-46	-37	-32	-32	-37	-45	-50	77	79	81	82
1360	-56	-71	-82	-71	-82	-82	-75	-66	67	71	71	66
1370	-45	-39	-30	-20	-10	-3	-1	4	-6	-13	-8	2
1380	-21	-24	-26	-28	-28	-24	-15	-5	17	17	13	8
1390	43	14	14	13	12	9	4	-6	13	16	17	16
1400	-50	-54	-50	-40	-28	-18	-12	-10	-14	-18	-22	-20
1410	-16	-17	-14	-9	-1	4	7	4	9	13	16	15
1420	-14	-9	0	14	28	37	34	21	20	20	17	13
1430	-17	-19	-18	-20	-23	-26	-27	-19	-18	-21	-27	-31
1440	19	26	28	27	26	26	27	31	0	0	-3	-8
1450	52	54	51	46	38	29	21	17	-64	-72	-83	-87
1460	18	16	15	15	15	16	21	30	-84	-79	-74	-78
1470	51	44	36	33	35	43	54	59	-63	-60	-55	-49
1480	29	10	-4	-12	-11	-5	2	11	-9	-1	3	4
1490	53	75	89	94	79	45	6	29	-6	-6	-4	2
1500	-88	-96	-104	-111	-112	-107	-92	-71	17	8	5	7
1510	-26	-26	-25	-21	-11	4	4	4	57	59	60	59
1520	-24	-27	-20	-14	16	37	54	67	-10	-13	13	12
1530	63	49	32	13	-5	-24	-44	-56	29	34	36	37
1540	-92	-100	-103	-82	-83	-87	-81	-81	40	43	55	64
1550	-74	-65	-54	-43	-34	-29	-25	-33	30	28	27	29
1560	-50	-49	-43	-35	-26	-17	-7	2	19	16	18	28

TO BE CONTINUED

TO BE CONTINUED

TO BE CONTINUED



CONTINUED ( M-170 WEST )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	-45	-49	-54	-60	-67	-72	-75	-76	-74	-71
2120	-67	-61	-54	-43	-34	-25	-18	-14	-12	-11
2130	-10	-9	-9	-12	-17	-23	-25	-29	-31	-31
2140	-27	-21	-14	-9	-5	-2	0	4	9	11
2150	10	4	-2	-12	-23	-32	-38	-39	-36	-32
2160	-27	-23	-21	-20	-19	-20	-21	-22	-23	-23
2170	-22	-20	-15	-10	-6	-2	0	2	5	10
2180	16	22	25	26	26	24	22	20	19	18
2190	16	14	11	6	0	-6	-13	-18	-23	-27
2200	-34	-43	-53	-59	-61	-58	-52	-45	-38	-31
2210	-25	-18	-11	-5	-4	-9	-14	-17	-18	-18
2220	-13	-7	-3	-2	-6	-10	-10	-6	0	2
2230	2	0	-4	-9	-13	-14	-14	-15	-15	-16
2240	-15	-12	-8	-5	-4	-3	-5	-6	-6	-4
2250	2	1	4	6	10	13	16	18	17	15
2260	-8	-1	-14	-20	-23	-21	-15	-9	-3	0
2270	0	1	2	2	1	-1	-1	0	4	11
2280	24	39	53	64	72	77	78	78	78	78
2290	77	73	68	61	52	42	28	12	-2	-14
2300	-23	-27	-32	-33	-33	-33	-31	-28	-22	-14
2310	-6	0	4	4	0	0	-5	-13	-22	-31
2320	-38	-42	-41	-35	-26	-17	-10	-7	5	0
2330	8	19	30	38	42	42	40	33	22	15
2340	13	19	26	32	36	37	35	35	36	40
2350	45	48	49	46	41	32	23	17	15	15
2360	13	11	7	3	-1	-6	-11	-16	-21	-26
2370	-31	-35	-40	-44	-46	-45	-40	-32	-21	-13
2380	-9	-11	-15	-18	-19	-18	-14	-10	-7	-7
2390	-8	-9	-7	-4	-1	0	-2	-6	-12	-17
2400	-23	-29	-33	-35	-34	-30	-23	-16	-10	-5
2410	-3	-1	1	6	11	18	22	23	23	22
2420	20	20	19	17	14	10	4	-2	-10	-18
2430	-25	-32	-37	-35	-27	-19	-14	-13	-14	-19
2440	-25	-30	-31	-27	-23	-21	-21	-23	-29	-37
2450	-40	-41	-39	-35	-31	-25	-19	-10	-1	7
2460	15	21	25	28	32	36	41	44	46	47
2470	45	44	43	44	45	48	50	51	51	49
2480	46	42	37	31	25	16	6	-2	-11	-19
2490	-23	-25	-24	-23	-14	-6	2	14	24	30
2500	32	29	23	16	10	5	0	-5	-10	-14
2510	-16	-16	-16	-17	-18	-20	-23	-23	-23	-19
2520	-13	-7	-4	-3	-3	-1	1	4	7	7
2530	4	-1	-9	-17	-23	-27	-30	-34	-38	-40
2540	-40	-38	-42	-46	-51	-56	-61	-67	-71	-74
2550	33	37	42	46	51	56	61	67	71	74
2560	76	78	80	84	86	87	84	76	62	48
2570	36	28	22	17	8	-3	-15	-24	-29	-31
2580	-9	-8	-7	-5	-5	-6	-9	-12	-16	-20
2590	-9	-8	-7	-5	-5	-6	-9	-12	-16	-20
2600	-23	-26	-27	-28	-27	-25	-22	-17	-12	-6
2610	-1	0	1	3	7	14	14	12	9	5
2620	2	0	1	3	7	12	17	21	24	25
2630	26	25	23	20	17	14	11	7	4	3
2640	4	8	13	19	23	20	14	5	5	-3

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( M-170 WEST )										CONTINUED ( M-170 WEST )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	44	46	48	50	50	49	48	46	43	40	3730	6	6	5	3	3	2	2	2	2	2
3200	36	32	29	26	24	22	21	19	17	14	3740	1	1	18	0	0	1	3	6	9	12
3210	9	4	0	-6	-10	-14	-17	-18	-18	-19	3750	14	16	18	21	23	25	26	26	26	25
3220	-20	-22	-25	-31	-31	-30	-27	-23	-19	-19	3760	23	22	21	21	22	24	26	27	28	27
3230	-17	-14	-11	-7	-3	0	3	5	1	-1	3770	29	27	27	27	30	31	31	32	31	30
3240	-4	-6	-6	-5	-2	0	0	0	0	-3	3780	27	28	27	27	27	28	28	28	28	28
3250	-5	-6	-6	-5	-3	0	0	0	0	-3	3790	26	24	22	19	15	12	9	6	4	1
3260	5	7	9	9	9	8	6	3	0	-2	3800	-1	-3	-6	-8	-8	-6	-4	-2	-1	-10
3270	-7	-9	-10	-9	-7	-7	-5	0	0	-4	3810	8	11	12	12	11	9	8	6	5	5
3280	3	4	4	5	6	7	8	9	11	13	3820	8	11	12	12	11	9	8	6	6	5
3290	14	14	15	16	18	20	22	22	22	21	3830	4	4	4	4	4	4	4	3	3	2
3300	17	17	17	18	19	19	18	16	14	14	3840	1	0	0	0	-1	-2	-3	-4	-3	-1
3310	13	12	11	11	10	8	6	5	5	7	3850	1	4	6	7	7	7	8	9	11	12
3320	9	11	12	14	16	18	21	23	26	29	3860	12	13	13	12	12	12	12	12	11	10
3330	32	34	36	38	40	43	45	47	48	48	3870	8	8	7	6	5	4	2	1	0	0
3340	47	45	42	39	36	33	29	24	16	16	3880	1	2	3	4	5	5	4	5	7	10
3350	12	8	4	0	-5	-11	-16	-20	-22	-21	3890	12	14	14	14	15	15	16	18	20	22
3360	-9	-15	-12	-9	-7	-6	-5	-5	-5	-5	3900	24	24	24	23	21	20	19	18	17	15
3370	-6	-8	-9	-8	-7	-4	-3	-3	-3	-5	3910	14	13	13	14	14	13	13	12	12	13
3380	-13	-17	-19	-19	-20	-21	-21	-22	-22	-22	3920	13	14	15	15	14	12	10	9	8	7
3390	-22	-21	-20	-19	-18	-17	-16	-14	-11	-7	3930	6	5	4	3	1	0	-4	-4	-7	-9
3400	-4	-2	-2	-4	-6	-7	-7	-7	-7	-7	3940	-12	-13	-15	-16	-17	-17	-18	-18	-17	-17
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3420	-15	-18	-21	-24	-26	-26	-26	-26	-24	-23	3960	4	7	9	10	11	11	11	10	9	9
3430	-21	-19	-18	-17	-17	-17	-19	-21	-22	-22	3970	9	8	8	8	7	5	2	1	0	1
3448	-21	-20	-19	-18	-17	-17	-19	-21	-22	-22	3980	1	1	1	1	0	0	1	2	4	5
3450	-26	-27	-28	-29	-30	-30	-30	-30	-30	-29	4000	5	5	4	4	0	-3	-4	-5	-6	-6
3460	-27	-25	-22	-20	-17	-14	-11	-9	-6	-3	4010	-8	-8	-9	-8	-7	-5	-3	-1	1	3
3470	-1	1	4	7	10	13	15	16	16	15	4020	5	7	8	9	10	10	11	11	12	12
3480	13	10	6	3	0	-4	-8	-10	-13	-15	4030	13	14	14	14	14	13	12	11	10	9
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3500	-20	-20	-22	-25	-29	-31	-32	-31	-28	-24	4050	-12	-14	-17	-19	-21	-23	-24	-26	-27	-28
3510	-2	-2	-2	-1	0	3	5	6	5	5	4060	-28	-28	-28	-27	-27	-25	-24	-22	-20	-17
3520	6	7	9	12	15	17	18	17	15	14	4070	-15	-13	-12	-12	-12	-13	-15	-17	-19	-22
3530	14	13	12	10	7	3	0	-3	-5	-6	4080	-24	-27	-30	-32	-35	-37	-38	-39	-39	-38
3540	-8	-9	-10	-11	-12	-12	-12	-10	-8	-6	4090	-36	-34	-31	-28	-24	-20	-16	-11	-7	-3
3550	-4	-2	-1	0	0	0	1	1	2	3	4100	0	2	3	5	6	7	8	10	11	12
3560	4	4	3	2	4	3	3	3	2	-1	4110	11	10	8	6	5	4	3	2	0	-1
3570	0	2	3	4	3	2	1	0	0	-1	4120	-3	-4	-4	-4	-5	-5	-6	-8	-10	-11
3580	-2	-2	-1	-1	-2	-4	-4	-4	-2	-2	4130	-13	-13	-12	-11	-10	-8	-5	-3	0	1
3590	-2	-2	-1	-2	-4	-4	-7	-11	-15	-17	4140	3	6	8	11	13	16	18	20	21	22
3600	-18	-18	-17	-16	-15	-14	-12	-9	-5	-1	4150	23	23	23	22	21	20	18	16	15	13
3610	2	4	5	6	6	7	8	8	5	2	4160	11	10	8	6	4	2	0	-2	-5	-7
3620	0	0	2	5	10	13	14	15	14	13	4170	-10	-13	-16	-18	-21	-22	-24	-25	-25	-26
3630	12	11	11	11	12	12	12	12	12	11	4180	-26	-26	-26	-26	-23	-24	-23	-22	-22	-22
3640	9	8	9	9	9	9	9	9	8	11	4190	-23	-23	-23	-23	-22	-22	-22	-22	-22	-23
3650	-13	-15	-17	-17	-21	-22	-24	-24	-24	-24	4200	-33	-33	-33	-33	-32	-32	-32	-32	-32	-32
3660	-22	-20	-18	-17	-15	-14	-14	-14	-15	-17	4210	-19	-20	-20	-20	-20	-20	-20	-20	-20	-20
3670	-17	-21	-23	-24	-23	-23	-21	-19	-18	-17	4220	-33	-33	-33	-33	-32	-32	-32	-32	-32	-32
3680	-17	-18	-19	-20	-21	-20	-18	-16	-14	-13	4230	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
3690	-11	-8	-6	-2	1	4	8	10	12	14	4240	-11	-12	-12	-13	-14	-14	-15	-16	-17	-18
3700	15	17	18	19	18	16	13	11	9	9	4250	-20	-21	-23	-25	-26	-27	-27	-26	-25	-24
3710	8	6	5	3	0	-1	-4	-6	-6	-6	4260	-23	-22	-21	-20	-19	-17	-15	-13	-10	-8
3720	-4	-1	0	1	3	4	4	5	6	6		-5	-5	-5	-5	-6	-6	-7	-7	-8	8

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( M-170 WEST )										CONTINUED ( M-170 WEST )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	8	7	7	7	6	5	4	2	0	0	4810	-1	-1	-1	0	0	0	0	0	0	0
4280	-1	-1	-1	0	2	4	6	7	8	8	4820	0	0	0	0	0	0	0	0	-1	-1
4290	8	7	6	6	7	7	8	9	9	10	4830	-2	-2	-1	0	0	0	0	3	4	5
4300	10	11	12	13	14	15	16	17	17	17	4840	5	5	3	2	2	0	0	0	-1	0
4310	17	17	17	17	16	16	15	14	13	13	4850	0	0	1	1	1	2	2	3	3	3
4320	11	9	7	4	2	0	-1	-2	-2	-1	4860	3	2	1	0	-1	-3	-5	-6	-7	-7
4330	0	1	2	2	2	1	1	0	-1	-2	4870	-7	-7	-6	-6	-6	-6	-7	-8	-8	-8
4340	-2	-2	-2	-1	0	1	2	3	4	4	4880	-6	-6	-5	-4	-3	-3	-2	-1	-1	-1
4350	5	6	7	9	10	12	13	14	15	16	4890	-1	-1	-1	0	-2	-2	-1	1	1	1
4360	16	16	16	17	17	17	18	18	18	18	4900	1	1	0	0	1	1	2	3	4	5
4370	19	19	20	20	20	20	19	19	18	17	4910	5	4	6	7	7	7	6	6	6	5
4380	16	14	13	12	11	11	11	10	10	10	4920	4	3	2	0	0	0	0	-4	-6	-10
4390	10	11	11	12	12	12	12	11	11	12	4930	-12	-14	-16	-18	-19	-20	-20	-20	-20	-19
4400	13	14	15	15	14	13	13	11	10	9	4940	-17	-18	-18	-18	-18	-18	-17	-16	-16	-15
4410	8	7	7	7	7	7	6	6	6	6	4950	-14	-13	-12	-12	-12	-11	-11	-11	-11	-10
4420	5	5	5	5	7	9	10	12	13	13	4960	-10	-9	-9	-8	-8	-8	-7	-6	-5	-5
4430	14	14	15	16	17	18	18	18	18	18	4970	-4	-4	-3	-2	-1	0	2	4	6	7
4440	18	18	18	18	16	14	12	9	7	4	4980	8	9	9	9	10	11	13	14	14	15
4450	2	0	-4	-7	-11	-14	-16	-17	-17	-16	4990	15	15	15	14	14	13	13	13	13	13
4460	-15	-13	-11	-8	-5	-2	0	3	5	7	5000	12	12	11	10	9	9	9	9	8	7
4470	10	13	16	19	21	23	23	23	22	21	5010	6	4	2	0	-1	-2	-3	-4	-6	-7
4480	20	18	17	15	14	13	11	9	9	9	5020	-9	-10	-11	-12	-13	-14	-14	-15	-15	-15
4490	10	11	12	14	15	16	17	17	18	18	5030	-15	-14	-13	-11	-10	-8	-7	-5	-4	-3
4500	18	18	18	18	18	19	20	21	23	25	5040	-1	0	0	1	2	3	3	3	4	4
4510	26	28	31	33	35	36	37	37	37	36	5050	4	4	4	4	4	4	5	6	7	8
4520	34	32	29	26	22	19	16	13	10	7	5060	9	10	10	11	11	12	12	13	13	14
4530	5	3	2	1	0	0	0	0	1	1	5070	15	16	17	18	19	20	20	21	21	22
4540	-2	-2	-2	-1	-1	0	0	0	1	1	5080	22	22	22	22	22	22	22	22	21	20
4550	1	0	0	0	0	0	0	0	1	1	5090	18	15	13	10	7	5	3	1	0	-1
4560	6	6	11	13	14	15	16	16	17	18	5100	-7	-4	-5	-6	-6	-6	-7	-8	-9	-9
4570	18	18	18	18	18	19	19	19	19	19	5110	-10	-11	-11	-11	-11	-10	-8	-7	-5	-3
4580	17	16	14	13	12	10	9	8	6	5	5120	0	0	0	2	3	4	5	6	7	8
4590	4	2	1	0	-1	-3	-4	-5	-6	-6	5130	9	9	10	11	11	11	12	13	13	14
4600	-6	-5	-5	-4	-3	-2	-1	0	0	0	5140	15	16	17	17	18	18	17	17	16	15
4610	0	0	0	0	0	0	0	0	-1	-1	5150	15	14	13	13	12	10	8	7	5	3
4620	-2	-3	-4	-5	-6	-6	-8	-10	-11	-11	5160	1	0	-2	-3	-4	-5	-6	-7	-8	-8
4630	-16	-17	-19	-20	-21	-23	-24	-24	-25	-25	5170	-10	-11	-13	-14	-15	-15	-16	-15	-14	-14
4640	-25	-24	-24	-23	-22	-20	-18	-17	-16	-15	5180	-13	-12	-12	-11	-11	-11	-11	-10	-8	-6
4650	-15	-15	-15	-16	-17	-18	-19	-21	-22	-22	5190	-4	-3	-2	-1	0	0	2	3	4	4
4660	-21	-20	-19	-19	-20	-20	-20	-20	-19	-17	5200	4	5	6	8	10	13	15	17	19	19
4670	-15	-14	-14	-14	-14	-14	-13	-13	-11	-10	5210	20	20	20	21	24	23	22	21	20	19
4680	-11	-11	-11	-11	-9	-7	-5	-3	-1	0	5220	25	25	25	25	24	23	22	21	20	19
4690	0	0	0	0	0	0	0	0	0	0	5230	18	16	16	15	15	16	17	18	19	19
4700	0	-1	-2	-4	-5	-5	-7	-9	-10	-11	5240	20	20	20	19	18	16	14	12	10	7
4710	-11	-11	-10	-10	-13	-15	-17	-18	-18	-18	5250	5	3	1	0	-2	-2	-2	-2	-2	-1
4720	-9	-9	-10	-12	-13	-15	-17	-18	-19	-19	5260	-6	-5	-4	-3	-3	-2	-2	-2	-2	-1
4730	-20	-20	-21	-22	-22	-21	-19	-17	-14	-11	5270	-1	0	0	0	0	-1	-1	-2	-3	-4
4740	-9	-8	-7	-5	-4	-2	0	2	5	7	5280	-4	-4	-4	-4	-4	-3	-3	-3	-2	-2
4750	8	9	10	11	11	11	10	9	7	6	5290	-1	-1	0	0	0	1	2	4	4	5
4760	5	4	3	3	2	1	0	-1	-2	-5	5300	5	5	5	6	6	6	6	5	4	4
4770	-7	-10	-12	-14	-16	-18	-20	-22	-23	-25	5310	6	5	4	3	1	-1	-2	-2	-2	-1
4780	-26	-26	-26	-25	-25	-23	-22	-21	-20	-18	5320	-1	-1	-2	-4	-6	-8	-10	-11	-11	-12
4790	-17	-15	-14	-12	-11	-9	-8	-7	-6	-5	5330	-12	-13	-13	-12	-11	-10	-9	-8	-8	-8
4800	-4	-2	-1	0	1	1	1	0	0	-1	5340	-9	-10	-11	-12	-12	-14	-15	-15	-14	-13

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( M-170 WEST )										CONTINUED ( M-170 WEST )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	-11	-10	-8	-6	-5	-5	-5	-5	-6	-6	5890	0	0	0	0	0	0	0	0	0	0
5360	-7	-6	-5	-4	-3	-3	-3	-4	-4	-4	5900	0	0	0	0	-1	-1	-1	-1	-1	-1
5370	-4	-5	-6	-7	-9	-11	-11	-11	-10	-9	5910	-1	0	0	1	2	4	5	6	7	8
5380	-9	-9	-9	-9	-8	-8	-8	-8	-7	-6	5920	8	9	9	10	10	10	11	11	11	10
5390	-6	-6	-6	-5	-5	-4	-3	-3	-2	-2	5930	10	9	9	8	6	5	4	3	2	3
5400	0	0	0	0	0	0	0	0	0	0	5940	3	3	3	3	2	1	0	0	0	0
5410	9	8	7	7	6	6	6	6	6	7	5950	-1	-1	-1	-1	-2	-3	-4	-5	-5	-6
5420	8	7	7	7	8	9	10	12	12	12	5960	-7	-7	-8	-8	-8	-8	-8	-8	-7	-7
5430	11	11	11	14	12	13	13	12	11	11	5970	-6	-6	-5	-4	-3	-2	2	3	4	5
5440	12	13	14	14	14	13	12	10	11	11	5980	0	0	0	0	0	2	2	3	4	4
5450	11	11	10	8	6	5	5	5	4	4	5990	5	3	3	2	1	0	0	0	0	0
5460	3	3	3	4	5	5	4	4	3	2	6000	3	3	2	1	0	0	0	0	0	0
5470	2	2	2	2	2	2	3	4	5	6	6010	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
5480	6	6	5	4	4	3	2	0	0	-2	6020	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
5490	-3	-4	-4	-3	-3	-3	-4	-5	-6	-7	6030	-4	-3	-3	-3	-3	-3	-3	-3	-3	-3
5500	-8	-9	-10	-11	-13	-15	-16	-17	-17	-17	6040	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1
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5520	-7	-7	-6	-6	-6	-6	-6	-6	-6	-6	6060	0	1	2	3	3	4	5	6	7	8
5530	-8	-8	-7	-7	-7	-7	-7	-8	-8	-8	6070	3	3	2	2	2	2	2	2	2	2
5540	-8	-9	-10	-10	-9	-8	-4	-4	-4	-4	6080	1	0	0	0	0	0	0	0	0	0
5550	-2	-2	-3	-3	-4	-4	-4	-4	-4	-4	6090	4	4	4	5	6	7	7	7	7	7
5560	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	6100	3	3	3	4	4	4	4	4	4	4
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5580	-7	-8	-8	-9	-10	-11	-12	-13	-14	-14	6120	7	6	6	6	5	5	5	5	5	5
5590	-15	-15	-15	-14	-14	-13	-14	-15	-17	-17	6130	0	0	0	0	-1	-1	-1	-1	-1	-1
5600	-18	-18	-17	-16	-14	-12	-11	-10	-9	-7	6140	-1	-1	1	1	1	1	1	1	1	1
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5630	-9	-9	-8	-7	-7	-6	-5	-4	-3	-2	6180	-14	-14	-15	-15	-15	-15	-15	-16	-16	-16
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5690	0	0	0	1	1	1	1	1	1	1	6240	-16	-15	-14	-13	-12	-11	-11	-10	-10	-9
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5730	1	0	0	0	-1	-1	-1	-1	0	0	6280	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
5740	1	3	4	5	5	6	6	6	6	7	6290	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
5750	8	7	6	5	4	3	2	1	0	-1	6300	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
5760	-2	-3	-3	-4	-4	-5	-5	-6	-7	-7	6310	-14	-14	-14	-14	-13	-13	-13	-13	-13	-13
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5780	6	7	8	8	9	10	11	13	14	15	6330	-4	-4	-3	-3	-2	-2	-1	-1	0	0
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5870	0	-1	-2	-2	-3	-4	-5	-5	-5	-5	6420	15	14	14	14	14	14	16	17	18	18
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TO BE CONTINUED

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CONTINUED( M=170 WEST )										CONTINUED( M=170 WEST )												
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6490	25	26	26	26	26	26	26	26	26	25	7030	-16	-16	-16	-16	-16	-16	-16	-15	-14	-13	
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6840	12	13	13	12	12	12	12	12	11	11	7380	-5	-5	-6	-6	-6	-7	-7	-7	-8	-8	
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6910	6	7	8	8	8	8	9	9	9	9	7450	5	5	5	5	5	5	5	5	5	5	
6920	9	8	8	7	6	5	4	3	2	1	7460	5	4	4	4	4	4	4	4	4	4	
6930	1	0	0	-1	-1	-1	-1	-1	-2	-2	7470	4	4	4	4	4	4	4	4	4	4	
6940	-2	-1	-1	0	0	0	0	0	0	1	7480	3	2	2	2	2	2	2	2	2	2	
6950	2	2	3	3	4	4	4	4	5	5	7490	0	0	0	0	0	0	0	0	0	0	
6960	6	6	7	7	7	7	7	8	8	7	7500	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	

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CONTINUED( M-170 WEST )										CONTINUED( M-170 WEST )											
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7520	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	8060	2	2	2	2	2	2	2	2	2	2
7530	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	8070	0	0	0	0	0	0	0	0	0	0
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7580	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	8120	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
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7600	0	0	1	2	3	4	4	4	4	4	8140	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
7610	0	9	10	11	12	12	13	14	15	16	8150	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
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7640	16	16	16	16	15	15	15	15	15	15	8180	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
7650	16	16	16	16	14	14	13	13	12	12	8190	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
7660	15	14	14	14	9	8	7	7	6	6	8200	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7670	11	10	9	4	4	4	4	4	3	3	8210	0	0	0	0	0	0	0	0	0	0
7680	5	5	5	4	4	4	4	4	3	3	8220	0	0	0	0	0	0	0	0	0	0
7690	3	3	3	3	3	3	3	3	3	3	8230	0	0	0	0	0	0	0	0	0	0
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7710	5	5	5	5	5	5	5	5	5	5	8250	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
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7940	8	8	8	8	8	8	8	8	8	8	8480	5	5	5	5	5	5	5	5	5	5
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7960	6	5	5	5	5	5	5	5	5	5	8500	5	5	5	5	5	5	5	5	5	5
7970	3	3	3	3	3	3	3	3	3	3	8510	4	4	4	4	4	4	4	4	4	4
7980	1	1	1	1	1	1	1	1	1	1	8520	5	5	5	5	5	5	5	5	5	5
7990	0	0	0	0	0	0	0	0	0	0	8530	3	3	3	3	3	3	3	3	3	3
8000	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	8540	1	1	1	1	1	1	1	1	1	1
8010	1	1	1	1	2	2	2	2	2	2	8550	0	0	0	0	0	0	0	0	0	0
8020	5	6	6	6	6	6	6	6	6	6	8560	1	1	1	1	1	1	1	1	1	1
8030	6	6	6	6	6	6	6	6	6	6	8570	7	7	7	7	7	7	7	7	7	7
8040	5	5	5	5	5	5	5	5	5	5	8580	7	7	7	7	7	7	7	7	7	7

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( M-170 WEST )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8590	9	9	9	9	9	10	10	10	10	10	9130	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8600	10	10	10	10	10	10	10	10	10	10	9140	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8610	10	9	9	9	9	9	9	9	9	9	9150	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8620	10	9	9	9	9	9	9	9	9	9	9160	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8630	10	10	10	10	10	10	10	10	10	10	9170	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8640	10	10	10	10	10	10	10	10	10	10	9180	0	0	0	0	0	0	0	0	0	0
8650	10	10	10	10	10	10	10	10	10	10	9190	3	3	3	3	3	3	3	3	3	3
8660	9	9	9	9	9	8	8	8	8	8	9200	4	4	4	4	4	4	4	4	4	4
8670	8	7	7	7	7	7	7	7	7	7	9210	2	2	2	2	2	2	2	2	2	2
8680	6	6	6	6	6	6	6	6	6	6	9220	0	0	0	0	0	0	0	0	0	0
8690	6	6	6	6	6	6	6	6	6	6	9230	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8700	7	7	7	7	7	7	7	7	7	7	9240	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8710	6	6	6	6	6	6	6	6	6	6	9250	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8720	4	4	4	4	4	3	3	3	3	3	9260	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8730	1	1	1	1	1	0	0	0	0	0	9270	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8740	-2	-3	-3	-3	-4	-4	-5	-5	-6	-6	9280	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8750	-7	-7	-8	-8	-8	-9	-9	-10	-10	-11	9290	0	0	0	0	0	0	0	0	0	0
8760	-12	-12	-12	-13	-13	-13	-13	-14	-14	-14	9300	3	3	3	3	3	3	3	3	3	3
8770	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	9310	5	5	5	5	5	5	5	5	5	5
8780	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	9320	5	5	5	5	5	5	5	5	5	5
8790	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	9330	5	5	5	5	5	5	5	5	5	5
8800	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	9340	6	6	6	6	6	6	6	6	6	6
8810	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	9350	8	7	7	7	7	7	7	7	7	7
8820	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	9360	8	7	7	7	7	7	7	7	7	7
8830	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	9370	2	2	2	2	2	2	2	2	2	2
8840	-12	-11	-11	-11	-11	-11	-11	-11	-11	-11	9380	3	3	3	3	3	3	3	3	3	3
8850	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	9390	3	3	3	3	3	3	3	3	3	3
8860	-14	-12	-12	-12	-13	-13	-13	-13	-13	-13	9400	6	7	7	7	7	7	7	7	7	7
8870	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	9410	7	7	7	7	7	7	7	7	7	7
8880	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	9420	6	6	6	6	6	6	6	6	6	6
8890	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	9430	3	2	2	2	2	2	2	2	2	2
8900	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	9440	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
8910	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	9450	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8920	-11	-11	-11	-11	-11	-10	-10	-10	-10	-10	9460	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
8930	-10	-10	-10	-10	-10	-9	-9	-9	-9	-9	9470	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
8940	-8	-8	-8	-8	-8	-7	-7	-7	-7	-7	9480	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8950	-5	-5	-4	-4	-4	-3	-3	-3	-3	-3	9490	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8960	0	0	0	0	0	1	1	1	1	1	9500	-5	-6	-6	-6	-6	-6	-6	-6	-6	-6
8970	4	5	5	5	5	6	6	6	6	6	9510	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8980	7	7	7	7	7	7	7	7	7	7	9520	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8990	8	8	8	8	8	9	9	9	9	9	9530	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
9000	11	12	12	12	12	13	13	13	13	13	9540	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
9010	14	14	15	15	15	15	15	15	15	15	9550	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
9020	16	16	16	16	16	16	16	16	16	16	9560	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9030	16	16	16	16	16	16	16	16	16	16	9570	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9040	16	16	16	16	16	15	15	15	15	15	9580	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9050	14	14	13	13	13	12	12	12	12	11	9590	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9060	10	10	10	9	9	8	7	7	6	6	9600	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9070	6	5	5	4	4	3	2	2	1	1	9610	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9080	0	0	0	0	0	-1	-1	-2	-2	-3	9620	0	0	0	0	0	0	0	0	0	0
9090	-3	-3	-4	-4	-4	-4	-4	-4	-4	-4	9630	0	0	0	0	0	0	0	0	0	0
9100	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	9640	0	0	0	0	0	0	0	0	0	0
9110	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	9650	3	3	3	3	3	3	3	3	3	3
9120	-5	-5	-4	-4	-4	-4	-4	-4	-4	-4	9660	3	3	3	3	3	3	3	3	3	3

TO BE CONTINUED

TO BE CONTINUED

CONTINUED< M-170 WEST >

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
9670	4	4	4	4	4	4	4	4	4	4
9680	4	4	4	4	4	4	4	4	4	4
9690	3	3	3	3	3	3	3	3	3	3
9700	2	2	2	2	2	2	2	2	2	2
9710	1	1	1	1	1	1	1	1	1	1
9720	2	2	2	2	3	3	3	3	4	4
9730	4	4	5	5	5	5	5	5	5	5
9740	5	5	5	5	6	6	6	6	6	6
9750	5	5	6	6	6	6	6	6	6	6
9760	6	6	6	6	6	6	6	6	6	6
9770	7	7	7	7	7	7	7	7	7	7
9780	7	7	7	7	7	7	7	7	7	7
9790	8	8	8	8	8	8	8	8	8	8
9800	8	8	8	8	8	8	8	8	8	8
9810	9	9	9	9	9	9	9	9	9	9
9820	8	7	7	7	6	6	6	6	5	4
9830	4	3	3	3	2	2	2	2	1	1
9840	1	1	0	0	0	0	0	0	0	0
9850	0	0	0	0	0	0	0	0	0	0
9860	0	0	0	0	0	0	0	0	0	0
9870	0	0	0	0	0	0	0	0	0	0
9880	0	0	0	0	0	0	0	0	0	0
9890	-2	-2	-2	-2	-1	-1	-1	-1	-2	-2
9900	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9910	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9920	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9930	-2	-2	-2	-2	-1	-1	-1	-1	-1	-1
9940	-1	0	0	0	0	0	0	0	0	0
9950	0	0	0	0	0	0	0	0	0	0
9960	0	0	0	0	0	0	0	0	0	0
9970	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9980	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9990	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
10000	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
10010	-3	-3	-3	-3	-2	-2	-2	-2	-2	-2
10020	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10030	0	0	0	0	0	0	0	0	0	0
10040	1	1	1	1	1	1	1	1	1	1
10050	1	1	1	1	1	1	1	1	1	1
10060	0	0	0	0	0	0	0	0	0	0
10070	-2	-3	-3	-3	-4	-4	-4	-4	-4	-4
10080	-4	-4	-4	-4	-3	-3	-3	-3	-3	-3
10090	-2	-1	-1	-1	0	0	0	0	0	0

END

RECORD = S-1058 COMPONENT = S33H STATION = YAMASHITA-HEN-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 7550  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC. CONNECTION POINT IN DATA NUMBER= 45511, 7550.

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6
10	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
20	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
30	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
40	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
50	0	0	0	0	0	0	0	0	0	0
60	2	2	2	2	2	2	2	2	2	2
70	-7	-8	-8	-9	-10	-10	-11	-10	-10	-10
80	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
90	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
100	-13	-13	-13	-12	-12	-11	-11	-10	-9	-9
110	-7	-7	-6	-6	-7	-8	-12	-13	-14	-14
120	-16	-18	-19	-20	-18	-17	-16	-15	-13	-11
130	-10	-8	-7	-6	-6	-5	-2	-1	1	1
140	1	0	0	0	-2	-4	-5	-6	-8	-10
150	-12	-13	-16	-17	-15	-12	-11	-9	-9	-9
160	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
170	-9	-11	-8	-6	-3	-1	-1	-2	-2	-2
180	-2	-2	-1	-1	-2	-7	-10	-11	-10	-10
190	-8	-6	-6	-6	-6	-4	-1	0	0	0
200	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
210	3	-4	-5	-5	-6	-8	-10	-13	-15	-16
220	-14	-15	-15	-15	-14	-16	-16	-15	-12	-11
230	-9	-8	-9	-10	-9	-9	-9	-8	-6	-5
240	-1	2	6	7	8	7	8	7	5	5
250	3	1	-1	-4	-8	-10	-11	-13	-16	-17
260	-19	-19	-18	-16	-15	-14	-12	-11	-9	-4
270	-2	-2	-1	0	1	2	4	3	0	-3
280	-6	-7	-8	-8	-9	-8	-6	-6	-6	-5
290	-10	-11	-10	-11	-10	-8	-7	-6	-6	-5
300	-6	-9	-11	-12	-12	-12	-13	-13	-15	-14
310	-6	-9	-11	-12	-12	-12	-12	-13	-15	-14
320	-11	-8	-7	-6	-5	-2	0	7	6	9
330	11	12	14	14	14	12	10	7	3	0
340	-3	-6	-7	-9	-12	-15	-16	-14	-11	-12
350	-12	-12	-12	-11	-8	-2	2	7	6	6
360	-2	2	1	1	0	-1	-3	-7	-9	-11
370	-12	-9	-7	-6	-6	-9	-12	-12	-12	-12
380	-12	-12	-11	-5	0	2	5	9	13	17
390	18	19	18	18	18	14	10	7	3	0
400	-2	-7	-9	-11	-13	-18	-21	-23	-23	-22
410	-13	-11	-5	-3	-2	-2	-5	-2	-1	0
420	0	0	1	-2	-6	-6	-11	-15	-19	-22
430	-22	-20	-18	-18	-15	-10	-5	-1	0	0
440	3	9	13	14	14	11	9	7	4	0
450	-2	-6	-12	-19	-27	-32	-33	-29	-25	-17
460	-15	-9	-9	-12	-14	-15	-13	-13	-16	-19
470	-23	-23	-23	-19	-14	-12	-9	-6	-5	0
480	3	5	6	6	8	7	6	7	10	14

TO BE CONTINUED



CONTINUED ( S-1058 S33W )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	14	13	11	9	7	5	3	0	-5	-7
500	-12	-15	-18	-19	-13	-6	1	12	19	27
510	28	24	21	18	14	8	-4	-19	-32	-39
520	-44	-43	-40	-37	-34	-24	-4	-19	-13	-9
530	2	10	19	21	22	33	16	14	11	11
540	7	2	1	-6	-7	-7	6	-5	-3	-3
550	-3	-3	-2	-8	-11	-13	-14	-15	-11	-11
560	-6	-6	-6	-6	-6	-7	-8	-11	-13	-12
570	-13	-7	0	3	5	6	13	16	19	19
580	-1	-5	-9	-12	-14	-16	-16	-16	-16	-16
590	-19	-13	-2	5	7	12	20	24	28	29
600	31	30	30	27	21	5	-8	-16	-28	-38
610	-41	-41	-41	-44	-41	-37	-33	-29	-22	-18
620	-8	-4	5	19	30	37	39	30	31	33
630	15	-5	-8	-4	-14	-24	-37	-49	-51	-53
640	-51	-45	-38	-29	-21	-16	-13	-5	3	12
650	22	25	28	28	28	28	28	28	26	21
660	16	8	0	-8	-12	-15	-18	-21	-22	-25
670	-22	-22	-22	-17	-14	-12	-11	-9	-6	-6
680	-5	-3	0	2	5	7	9	11	12	9
690	8	6	4	1	-1	-4	-6	-12	-13	-13
700	-13	-13	-13	-13	-13	-13	-13	-14	-14	-14
710	1	7	11	14	15	11	9	8	6	7
720	7	5	2	-6	-14	-22	-30	-37	-42	-43
730	-39	-33	-21	-10	0	11	22	32	39	46
740	48	45	40	37	36	31	25	20	13	6
750	0	-6	-12	-16	-20	-24	-28	-31	-33	-35
760	-40	-39	-37	-33	-24	-18	-14	-7	0	3
770	0	-5	-9	-11	-14	-15	-13	-9	-5	-4
780	-5	-3	0	21	14	7	1	-5	-11	-15
790	31	27	25	21	14	25	32	35	34	33
800	-19	-14	-17	-17	-13	-13	-14	-13	-8	-2
810	3	6	7	7	4	0	-3	-5	-7	-15
820	-21	-27	-34	-41	-45	-47	-43	-41	-36	-30
830	-20	-10	-3	4	8	11	15	20	24	25
840	26	27	27	28	27	24	20	13	6	1
850	-5	-12	-16	-20	-21	-19	-16	-13	-10	-6
860	3	13	21	28	32	31	27	25	23	20
870	16	10	3	-4	-10	-17	-22	-26	-32	-37
880	-41	-43	-40	-35	-27	-17	-9	-2	1	5
890	10	15	18	22	25	25	23	19	16	6
900	14	12	11	8	6	5	6	6	6	6
910	6	6	3	0	-3	-6	-6	-6	-9	-9
920	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
930	11	13	16	18	17	18	18	19	18	14
940	8	4	0	-6	-12	-17	-21	-21	-17	-11
950	-8	-4	-1	0	6	6	6	5	3	3
960	-10	-13	-16	-16	-12	-10	-6	-2	0	3
970	-47	-36	-27	-18	-10	-3	-1	-39	-45	-48
980	25	27	27	14	10	1	-13	-21	-24	-24
990	-68	-74	-76	-73	-64	-58	-51	-42	-25	-12
1000	5	15	30	43	53	60	65	66	62	51
1010	5	15	30	43	53	60	65	66	62	51
1020	45	36	19	3	-16	-36	-49	-58	-64	-68

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1058 S33N )

CONTINUED( S-1058 S33N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	-281	-292	-285	-267	-230	-179	-126	-78	-47	-23
1580	5	9	27	46	66	86	104	121	138	151
1590	158	166	172	167	157	143	115	87	22	-15
1600	-97	-103	-140	-177	-205	-228	-238	-237	-171	-171
1610	-95	-10	170	125	159	184	204	219	231	243
1620	253	254	251	240	216	175	122	60	-15	-85
1630	1630	133	201	-305	-330	-333	-286	-235	-174	-174
1640	-120	-70	-31	4	25	42	50	52	56	58
1650	57	59	60	59	55	54	47	34	21	0
1660	-27	-57	-87	-115	-148	-176	-184	-167	-185	-179
1670	-165	-144	-116	-82	-40	20	73	109	130	152
1680	163	164	153	139	117	91	65	42	26	17
1690	43	12	13	13	13	14	16	19	24	31
1700	36	40	43	50	66	74	82	90	90	70
1710	17	-33	-100	-159	-237	-281	-300	-307	-306	-293
1720	-70	-79	-206	-164	-113	-52	-18	11	34	54
1730	75	99	138	190	223	259	288	290	269	219
1740	150	83	0	-81	-164	-218	-265	-300	-324	-331
1750	-329	-316	-292	-250	-179	-77	6	113	161	195
1760	300	189	152	102	51	15	-35	-77	-116	-131
1770	-139	-136	-133	-113	-81	-38	29	84	167	208
1780	257	251	247	225	193	169	137	95	64	30
1790	-7	-34	-60	-75	-76	-71	-62	-52	-33	-8
1800	13	45	70	97	119	141	154	163	163	153
1810	126	85	38	-30	-103	-170	-243	-295	-338	-358
1820	-361	-346	-311	-251	-126	-30	60	139	177	204
1830	213	207	178	133	87	13	-40	-86	-107	-121
1840	-124	-124	-116	-105	-96	-88	-80	-73	-58	-37
1850	-12	20	55	80	96	101	104	100	91	69
1860	52	14	-14	-48	-86	-120	-139	-153	-157	-153
1870	-140	-96	-50	-3	67	139	194	246	270	275
1880	264	251	233	204	154	112	74	16	-36	-96
1890	-140	-185	-215	-225	-227	-228	-211	-178	-145	-110
1900	-74	-55	-40	-33	-33	-35	-36	-36	-30	-14
1910	-2	29	59	84	106	124	130	134	126	113
1920	100	61	54	39	22	7	-4	-7	-17	-30
1930	-42	-56	-80	-105	-132	-170	-198	-210	-214	-215
1940	-242	-304	-168	-111	-73	23	103	198	267	324
1950	589	577	385	379	365	327	291	240	188	121
1960	30	20	82	-147	-201	-225	-248	-286	-284	-290
1970	-304	-310	-308	-304	-288	-270	-232	-201	-153	-96
1980	-14	17	33	38	39	39	39	40	42	47
1990	51	55	58	62	68	72	75	77	77	75
2000	71	57	32	-1	-44	-89	-133	-164	-185	-195
2010	-201	-199	-181	-156	-128	-86	-36	1	65	250
2020	80	84	81	61	41	22	4	-6	-13	-20
2030	-25	-29	-32	-29	-27	-24	-20	-15	-10	-9
2040	-4	1	11	28	40	49	52	48	40	23
2050	2	-15	28	-32	-37	-34	-25	-5	24	24
2060	67	102	139	184	217	233	240	243	223	178
2070	122	64	-10	-100	-173	-229	-263	-278	-283	-273
2080	-338	-193	-132	-76	-29	26	77	109	125	128
2090	125	117	110	101	90	76	54	24	-24	-21
2100	-62	-98	-127	-149	-156	-150	-139	-109	-64	-21

TO BE CONTINUED

TO BE CONTINUED



NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3730	11	12	14	16	18	20	21	21	21	20	4270	13	13	13	13	10	8	7	7	7	7
3740	21	21	18	16	14	8	6	3	0	-2	4280	7	7	8	9	9	10	12	15	17	20
3750	-3	-6	-6	-6	-8	-8	-7	-5	-1	1	4290	23	26	26	25	25	25	24	24	17	17
3760	8	15	21	30	36	38	39	40	34	36	4300	17	17	14	17	16	16	14	12	13	13
3770	32	28	24	13	3	-6	-16	-30	-41	-49	4310	11	12	14	16	18	23	27	30	33	35
3780	-59	-63	-69	-65	-62	-60	-58	-49	-45	-45	4320	35	33	30	27	17	9	4	-2	-7	-12
3790	-36	-39	-26	-23	-23	-19	-16	-12	-9	-6	4330	-15	-15	-16	-19	-20	-22	-23	-20	-20	-19
3800	-2	0	5	11	18	25	32	39	40	44	4340	-10	-9	-7	-6	-5	-4	-1	0	1	5
3810	48	49	49	55	57	58	59	56	52	49	4350	-16	-9	-7	-6	-5	-4	-1	0	1	5
3820	42	39	35	29	22	17	13	8	4	5	4360	7	9	12	13	11	11	12	11	12	11
3830	9	7	7	7	7	11	15	17	17	17	4370	7	3	2	-1	-3	-6	-12	-17	-23	-27
3840	17	17	15	10	8	6	5	3	4	4	4380	-30	-34	-39	-41	-43	-42	-39	-37	-36	-35
3850	4	2	7	6	6	8	9	9	9	9	4390	-32	-30	-28	-24	-21	-19	-19	-16	-14	-13
3860	10	7	4	0	-2	-5	-8	-11	-14	-20	4400	-10	-7	-6	-5	-6	-5	-3	-2	-3	-1
3870	-24	-22	-19	-18	-15	-12	-11	-2	4	8	4410	0	0	0	0	0	0	1	1	0	-1
3880	10	12	13	15	16	14	11	8	6	4	4420	-2	-5	-6	-6	-9	-9	-10	-11	-11	-9
3890	3	3	5	9	10	11	13	16	23	29	4430	-9	-9	-9	-9	-9	-7	-7	-7	-7	-9
3900	33	37	39	41	40	39	40	37	32	28	4440	-12	-12	-13	-13	-19	-20	-22	-22	-27	-30
3910	24	19	14	9	7	4	1	0	4	5	4450	-32	-33	-33	-36	-36	-40	-47	-45	-43	-40
3920	4	2	0	-4	-6	-7	-9	-11	-14	-16	4460	-37	-36	-33	-32	-29	-24	-18	-17	-14	-9
3930	-15	-15	-16	-15	-11	-6	4	10	16	25	4470	-6	-2	0	3	4	4	3	3	4	4
3940	31	36	37	39	39	39	39	39	39	39	4480	4	6	8	8	7	7	7	8	11	14
3950	34	32	30	29	28	26	22	20	18	16	4490	15	15	15	11	9	8	11	14	16	15
3960	14	13	13	13	14	16	16	18	21	22	4500	16	16	16	16	16	13	8	4	2	-2
3970	19	16	13	12	11	11	11	11	11	14	4510	-2	-1	7	8	11	8	8	8	9	9
3980	9	9	9	9	9	9	9	9	9	11	4520	9	9	7	3	1	0	-1	-7	-11	-8
3990	18	21	27	32	35	38	39	35	30	28	4530	-11	-12	-10	-11	-11	-11	-12	-11	-12	-9
4000	25	21	17	12	9	8	8	8	7	4	4540	-6	-5	-5	-6	-5	-6	-5	-3	0	4
4010	3	5	7	8	10	12	15	15	15	16	4550	7	3	3	6	11	15	18	21	23	26
4020	13	14	10	8	4	1	-2	-4	-8	-12	4560	26	27	29	32	33	33	35	35	36	36
4030	-19	-19	-16	-13	-11	-7	-2	2	5	15	4570	35	34	30	28	27	24	21	19	16	13
4040	21	23	23	23	21	18	16	15	13	9	4580	12	12	11	9	12	12	14	16	16	17
4050	1	-4	-9	-11	-13	-17	-21	-22	-23	-23	4590	17	22	23	25	26	26	25	21	19	19
4060	-24	-23	-22	-22	-22	-21	-23	-26	-29	-29	4600	18	16	14	11	9	9	9	9	12	14
4070	-32	-35	-37	-40	-41	-42	-43	-43	-43	-43	4610	17	21	24	27	29	30	33	36	38	42
4080	-45	-46	-44	-42	-42	-41	-39	-38	-37	-38	4620	46	48	45	42	40	36	33	29	27	24
4090	-36	-33	-32	-32	-32	-34	-36	-38	-41	-46	4630	48	47	45	42	40	36	33	29	27	24
4100	-45	-50	-55	-60	-62	-64	-65	-66	-66	-66	4640	21	20	19	17	16	15	11	7	3	0
4110	-63	-61	-60	-57	-54	-49	-44	-38	-33	-39	4650	-2	-7	-9	-11	-15	-19	-22	-24	-28	-30
4120	-23	-18	-13	-12	-11	-10	-11	-12	-11	-11	4660	32	33	32	31	31	31	31	25	21	19
4130	-11	-11	-12	-12	-11	-11	-12	-11	-11	-12	4670	-17	-17	-17	-15	-15	-16	-17	-17	-17	-17
4140	-24	-20	-23	-25	-25	-26	-28	-30	-30	-30	4680	-17	-19	-20	-21	-22	-22	-25	-28	-29	-31
4150	-28	-14	-21	-17	-14	-11	-6	-1	4	7	4690	-33	-35	-35	-33	-33	-32	-28	-25	-24	-22
4160	9	12	12	12	10	7	5	3	1	-1	4700	-41	-39	-35	-33	-33	-32	-28	-25	-24	-22
4170	-4	7	-10	-13	-15	-15	-15	-15	-15	-16	4710	-21	-18	-15	-12	-9	-7	-5	-4	-4	-3
4180	-18	-19	-17	-17	-19	-21	-25	-28	-30	-32	4720	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
4190	-33	-33	-33	-30	-28	-24	-21	-16	-13	-12	4730	-4	-3	-3	-1	1	4	8	10	12	15
4200	-9	-6	-4	-2	2	3	5	7	5	3	4740	16	17	19	19	20	18	15	13	12	10
4210	0	-1	-1	-2	-2	-2	-2	-6	-6	-10	4750	9	8	7	6	7	9	9	11	13	14
4220	-12	-15	-20	-25	-27	-32	-37	-39	-38	-38	4760	19	20	20	22	24	26	29	29	30	32
4230	-36	-35	-35	-35	-36	-36	-36	-36	-36	-37	4770	32	33	35	34	32	30	28	27	25	24
4240	-24	-22	-21	-21	-21	-23	-27	-32	-37	-41	4780	21	18	16	13	10	7	4	-1	-3	-7
4250	-43	-44	-44	-44	-44	-44	-44	-44	-44	-45	4790	-9	-12	-15	-18	-22	-25	-27	-27	-27	-26
4260	-41	-36	-33	-26	-19	-11	-5	0	5	9	4800	-25	-25	-24	-22	-20	-19	-17	-18	-17	-17

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1058 S33W )

CONTINUED( S-1058 S33W )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4810	-16	-14	-14	-13	-13	-14	-14	-14	-14	-13
4820	-10	-8	-6	-5	-5	-4	-4	-4	-4	-3
4830	0	0	0	0	1	4	4	4	4	5
4840	5	4	4	4	3	4	4	4	4	3
4850	2	0	0	-1	-1	-2	-2	-3	-3	-2
4860	-2	-2	-2	-2	-2	-3	-3	-3	-3	-3
4870	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
4880	-9	-11	-14	-16	-18	-19	-21	-24	-27	-30
4890	-34	-38	-41	-44	-47	-50	-53	-55	-55	-55
4900	-54	-53	-52	-51	-47	-41	-39	-38	-38	-38
4910	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31
4920	-39	-39	-39	-41	-43	-45	-47	-47	-47	-47
4930	-47	-46	-45	-44	-44	-43	-42	-42	-42	-42
4940	-23	-20	-17	-15	-13	-12	-12	-14	-15	-17
4950	-17	-20	-23	-25	-27	-27	-28	-27	-26	-24
4960	-22	-20	-19	-16	-12	-10	-9	-5	-2	0
4970	3	5	5	8	7	7	6	9	10	10
4980	10	10	9	8	6	6	6	7	6	6
4990	6	3	0	-1	-3	-3	-5	-7	-9	-11
5000	-13	-15	-18	-20	-21	-24	-24	-24	-23	-23
5010	-22	-20	-20	-19	-16	-16	-14	-12	-10	-7
5020	-5	-2	-2	-3	-4	-6	-8	-8	-10	-11
5030	-11	-11	-12	-12	-10	-9	-9	-11	-12	-14
5040	-6	-6	-6	-8	-9	-9	-9	-11	-12	-14
5050	-18	-17	-20	-23	-23	-24	-24	-24	-23	-23
5060	-16	-17	-16	-12	-10	-8	-4	-3	-3	-3
5070	-4	-5	-6	-7	-10	-13	-13	-15	-17	-18
5080	-21	-24	-26	-28	-28	-29	-29	-30	-28	-27
5090	-25	-24	-22	-18	-16	-13	-10	-8	-4	-1
5100	0	0	3	5	6	8	10	12	9	8
5110	7	9	9	10	10	11	12	13	15	15
5120	13	14	13	13	13	13	12	11	12	11
5130	11	9	9	8	7	4	3	3	0	0
5140	0	-2	-3	-7	-7	-7	-6	-7	-13	-17
5150	-19	-20	-20	-20	-24	-24	-24	-24	-27	-37
5160	-37	-38	-41	-41	-41	-45	-44	-45	-49	-59
5170	-51	-51	-54	-55	-55	-55	-55	-59	-58	-59
5180	-61	-57	-57	-56	-53	-50	-47	-43	-38	-31
5190	-27	-24	-20	-17	-13	-12	-11	-8	-7	-7
5200	-4	-3	-3	-2	0	7	9	12	16	20
5210	22	23	23	23	23	21	19	18	18	18
5220	15	13	10	9	8	7	5	3	3	3
5230	3	3	2	2	3	2	2	0	-1	-3
5240	-5	-6	-6	-6	-7	-6	-5	-3	-2	-1
5250	-1	0	0	0	3	4	5	4	14	18
5260	19	23	26	29	30	30	30	33	34	36
5270	36	36	35	34	37	39	40	43	44	44
5280	43	42	41	41	40	40	37	36	34	34
5290	32	31	30	27	28	28	27	26	24	21
5300	20	18	16	13	11	10	9	6	2	1
5310	-1	-2	-1	-1	0	5	8	10	13	14
5320	15	18	20	21	23	24	26	25	24	24
5330	24	24	22	21	20	20	19	19	20	20
5340	20	20	20	20	20	22	25	27	27	27

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1058 S53W )												
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 11 )	( 12 )
5890	40	42	41	40	40	36	37	35	33	32	33	32
5900	31	30	26	24	24	22	21	21	24	24	19	17
5910	23	23	24	27	27	27	29	30	30	30	23	23
5920	29	27	24	24	20	19	18	16	15	14	11	11
5930	8	9	8	7	9	7	7	9	10	10	11	11
5940	12	14	13	14	13	14	14	11	10	7	4	0
5950	6	4	2	3	0	0	0	0	0	0	0	0
5960	1	2	2	3	3	3	4	12	15	16	-6	-7
5970	30	27	24	29	31	31	33	36	39	42	-4	-4
5980	23	26	45	47	47	47	46	50	51	52	-9	-9
5990	54	54	52	51	57	60	61	64	67	67	-13	-13
6000	67	67	67	67	67	66	62	61	61	60	-4	-4
6010	57	67	67	67	67	66	62	61	61	60	-4	-4
6020	60	58	55	53	51	51	50	49	48	49	-17	-17
6030	45	48	48	48	48	48	47	45	44	41	-13	-13
6040	38	35	31	27	24	21	20	17	16	14	-1	-1
6050	11	10	7	4	2	2	2	2	2	2	-2	-2
6060	2	3	3	4	4	4	3	1	0	0	0	0
6070	-5	-8	-10	-12	-15	-17	-18	-19	-21	-24	2	2
6080	-24	-26	-27	-28	-30	-31	-31	-30	-30	-32	8	9
6090	-34	-34	-34	-33	-33	-30	-27	-23	-22	-20	19	17
6100	-20	-18	-15	-13	-13	-12	-11	-9	-9	-9	10	10
6110	-7	-4	0	0	0	3	6	9	12	15	10	9
6120	18	20	22	24	26	28	29	29	30	30	4	5
6130	29	27	24	24	23	21	20	20	20	20	0	0
6140	18	17	15	12	9	7	4	2	1	0	-2	-2
6150	-3	-5	-4	-3	-3	-4	-6	-9	-8	-5	-5	-5
6160	-6	-7	-4	-3	-4	-10	-10	-9	-7	-7	-9	-7
6170	-2	-4	-4	-8	-9	-9	-11	-11	-11	-11	3	3
6180	-14	-16	-17	-18	-18	-18	-19	-20	-21	-23	3	3
6190	-30	-30	-32	-36	-40	-40	-41	-43	-45	-47	0	0
6200	-47	-48	-51	-52	-54	-55	-57	-59	-60	-61	0	0
6210	-62	-64	-65	-68	-68	-64	-63	-62	-61	-60	2	2
6220	-69	-67	-65	-66	-66	-64	-63	-62	-61	-60	9	9
6230	-62	-61	-55	-54	-55	-55	-55	-55	-55	-55	12	13
6240	-55	-55	-55	-54	-53	-54	-52	-51	-51	-51	14	14
6250	-50	-49	-48	-48	-47	-47	-46	-44	-42	-41	15	16
6260	-40	-39	-38	-37	-37	-36	-36	-34	-30	-30	16	16
6270	-35	-29	-28	-27	-28	-24	-22	-20	-19	-18	17	17
6280	-15	-13	-12	-11	-9	-8	-5	-2	0	0	10	9
6290	2	5	6	6	5	5	5	5	5	5	0	0
6300	7	9	9	10	11	12	12	12	12	13	4	4
6310	13	13	13	14	15	15	16	16	16	16	6	6
6320	16	15	12	11	10	10	9	9	9	10	8	8
6330	10	11	12	13	13	13	13	13	13	13	16	16
6340	17	13	12	13	13	13	13	13	12	12	11	10
6350	10	0	0	-2	-2	-2	-2	-2	-2	-2	8	5
6360	-1	0	0	0	0	0	0	0	0	0	6	6
6370	7	6	6	6	6	6	6	6	6	6	-1	-1
6380	3	2	2	2	2	2	2	2	2	2	11	10
6390	2	2	2	2	2	2	2	2	2	2	16	15
6400	1	3	3	3	3	3	3	3	3	3	10	10
6410	6	5	5	5	5	5	5	5	5	5	6	6
6420	5	6	6	6	6	6	6	6	6	6	5	5

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1058 S33W )										CONTINUED( S-1058 S33W )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6970	0	0	0	-1	-1	-3	-3	-3	-3	-2	7510	4	6	8	10	9	8	8	8	9	9
6980	0	0	4	0	0	0	0	0	0	2	7520	10	10	10	10	10	11	15	15	16	18
6990	0	0	4	0	0	0	0	0	0	0	7530	19	19	30	20	20	21	22	23	24	25
7000	-3	-2	0	-1	-1	-1	-1	-1	-1	-1	7540	27	27	27	26	27	27	27	26	26	26
7010	0	0	0	0	0	0	0	0	0	0											
7020	5	7	10	11	11	11	9	3	4	5											
7030	3	3	3	1	1	1	0	0	-2	0											
7040	-2	-1	0	0	0	0	0	0	0	0											
7050	0	0	0	0	0	0	0	0	0	0											
7060	0	0	0	0	0	0	0	0	0	0											
7070	0	0	-1	-3	-3	-3	-3	-3	-3	-3											
7080	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3											
7090	-6	-7	-7	-7	-7	-7	-7	-7	-7	-6											
7100	-6	-4	-4	-3	-3	-3	-3	-3	-3	-1											
7110	0	0	0	0	0	0	0	0	0	0											
7120	5	5	5	5	5	5	5	5	5	5											
7130	6	15	15	15	15	15	15	15	15	11											
7140	13	15	15	15	15	15	15	15	15	15											
7150	19	20	17	17	16	17	17	16	16	15											
7160	16	14	13	12	9	9	9	7	5	9											
7170	7	5	5	5	5	6	5	5	6	5											
7180	5	5	5	2	3	1	1	0	0	0											
7190	0	0	0	0	0	0	0	0	0	0											
7200	0	0	0	0	0	0	0	0	0	0											
7210	0	0	0	0	0	0	0	0	0	0											
7220	2	4	5	6	6	9	10	12	15	17											
7230	19	19	19	20	19	20	19	17	16	14											
7240	12	13	13	13	13	13	14	13	12	11											
7250	12	11	11	10	9	9	8	9	9	9											
7260	9	10	9	9	8	6	7	8	7	9											
7270	9	10	9	9	9	10	11	10	10	10											
7280	10	10	10	10	10	11	12	12	13	13											
7290	10	10	10	10	10	10	10	10	10	10											
7300	7	6	4	3	2	1	0	0	0	0											
7310	0	0	0	0	0	0	0	0	0	0											
7320	-3	-5	-7	-6	-6	-8	-8	-8	-8	-8											
7330	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8											
7340	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7											
7350	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7											
7360	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7											
7370	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7											
7380	0	0	1	3	4	5	5	4	4	5											
7390	5	5	5	6	6	6	7	7	7	7											
7400	9	9	9	9	9	10	10	9	9	9											
7410	9	8	6	4	4	3	0	0	0	0											
7420	-3	-3	-3	-3	-3	-3	-4	-5	-5	-5											
7430	-5	-6	-8	-10	-11	-12	-13	-13	-16	-17											
7440	-16	-15	-15	-17	-16	-14	-15	-10	-9	-9											
7450	-8	-6	-5	-3	-3	-4	-5	-5	-6	-7											
7460	-7	-7	-7	-7	-7	-7	-7	-8	-9	-10											
7470	-11	-11	-11	-10	-10	-10	-10	-10	-10	-10											
7480	-9	-7	-7	-7	-7	-6	-6	-6	-6	-7											
7490	-9	-9	-9	-9	-9	-8	-8	-8	-8	-8											
7500	-2	-1	0	0	1	3	3	3	3	3											

TO BE CONTINUED

RECORD = S-1058 COMPONENT = E33S STATION = YAMASHITA-HEN-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 7550  
 SAMPLING INTERVAL = 0.01D (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC. CONNECTION POINT IN DATA NUMBER= 4546, 7550.

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
10	-14	-15	-15	-15	-15	-15	-15	-15	-15	-15
20	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
30	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
40	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
50	-7	-7	-6	-5	-4	-3	-3	-4	-6	-6
60	-7	-9	-11	-14	-15	-16	-17	-19	-20	-20
70	-20	-19	-18	-17	-15	-15	-14	-14	-14	-14
80	-14	-13	-12	-11	-11	-13	-15	-17	-18	-18
90	-17	-17	-16	-15	-13	-14	-15	-15	-15	-15
100	-17	-18	-18	-18	-18	-18	-18	-18	-18	-18
110	-21	-21	-20	-18	-17	-17	-17	-16	-14	-14
120	-17	-18	-18	-18	-18	-18	-18	-18	-18	-18
130	-18	-17	-14	-12	-10	-8	-8	-8	-8	-8
140	-12	-13	-15	-15	-14	-14	-14	-14	-14	-14
150	-13	-15	-15	-18	-19	-17	-17	-15	-14	-14
160	-14	-15	-18	-19	-17	-14	-12	-11	-10	-11
170	-12	-13	-13	-13	-13	-13	-13	-14	-14	-14
180	-14	-12	-11	-9	-8	-9	-10	-11	-11	-11
190	-16	-16	-15	-15	-15	-14	-14	-12	-11	-12
200	-13	-14	-15	-13	-13	-10	-9	-8	-9	-10
210	-11	-12	-14	-15	-16	-16	-17	-18	-19	-20
220	-21	-21	-21	-22	-24	-25	-25	-24	-22	-22
230	-18	-15	-13	-11	-12	-13	-12	-11	-9	-5
240	-4	0	1	0	-2	-4	-6	-8	-11	-10
250	-10	-10	-11	-13	-16	-19	-19	-20	-21	-21
260	-21	-21	-21	-20	-19	-17	-14	-12	-8	-5
270	-4	-3	-4	-6	-10	-13	-14	-15	-15	-15
280	-16	-18	-20	-17	-18	-16	-14	-11	-9	-8
290	-8	-7	-6	-7	-11	-13	-16	-19	-19	-16
300	-11	-7	-3	-2	-4	-6	-8	-10	-13	-14
310	-16	-18	-21	-21	-22	-22	-21	-20	-17	-17
320	-15	-13	-11	-7	-3	-1	-1	0	-2	-3
330	-3	-4	-3	-1	-1	-1	-1	-1	-3	-6
340	-9	-12	-16	-19	-22	-26	-28	-28	-24	-20
350	-14	-9	-6	-4	-4	-4	-5	-3	-1	0
360	0	-1	-3	-6	-12	-16	-20	-20	-18	-19
370	-18	-17	-15	-14	-13	-11	-10	-8	-8	-7
380	-8	-8	-8	-8	-8	-9	-7	-4	-2	-1
390	-3	-4	-4	-3	-3	-4	-4	-4	-4	-4
400	0	-1	-3	-3	-7	-7	-7	-7	-7	-7
410	-22	-21	-19	-17	-15	-11	-10	-10	-12	-14
420	-15	-14	-11	-8	-8	-7	-7	-7	-4	-4
430	-8	-10	-12	-12	-16	-17	-15	-12	-11	-8
440	-5	-10	-12	-15	-18	-17	-15	-12	-11	-8
450	-7	-5	-4	-2	-1	-5	-4	-4	-4	-3
460	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
470	-28	-24	-18	-17	-12	-8	-1	4	9	9
480	12	12	10	8	8	5	2	0	-3	-9

TO BE CONTINUED

TO BE CONTINUED



CONTINUED( S-1058 E33S )

CONTINUED( S-1058 E33S )

	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	33	39	42	45	40	33	25	17	5	-1
1040	-3	-6	-11	-10	-13	-10	-7	-3	3	17
1050	43	52	61	66	61	54	45	32	18	8
1060	4	1	-2	-8	-13	-18	-27	-38	-47	-50
1070	-31	-31	-51	-52	-57	-57	-54	-46	-36	-22
1080	1	16	30	45	63	66	68	69	65	63
1090	56	52	47	47	50	55	61	68	83	105
1100	127	147	166	175	178	173	162	145	115	78
1110	45	9	-31	-66	-121	-164	-196	-217	-225	-226
1120	-245	-197	-176	-158	-134	-114	-92	-65	-40	-21
1130	-10	1	11	14	17	13	8	5	5	7
1140	13	21	28	31	26	29	22	16	5	0
1150	-6	-11	-14	-21	-29	-31	-34	-39	-38	-41
1160	-41	-41	-41	-42	-43	-52	-60	-68	-76	-82
1170	-81	-70	-47	-22	3	32	87	92	111	128
1180	130	133	136	130	123	122	116	112	104	94
1190	86	75	52	36	16	-7	-19	-34	-42	-46
1200	-46	-46	-46	-46	-44	-39	-32	-25	-17	-6
1210	8	18	25	28	24	19	7	0	-7	-16
1220	-17	-17	-12	-11	-9	-5	0	5	9	7
1230	4	0	-6	-18	-26	-31	-31	-29	-25	-22
1240	-18	-15	-10	-2	5	12	19	27	32	33
1250	29	16	-5	-28	-53	-74	-93	-100	-105	-106
1260	-101	-79	-56	-23	0	31	62	89	106	111
1270	116	113	104	93	78	63	53	37	28	27
1280	35	30	37	50	62	75	81	87	83	74
1290	63	50	34	24	8	-7	-22	-35	-45	-50
1300	-54	-55	-51	-43	-36	-26	-21	-18	-13	-9
1310	-8	-6	-3	-4	-4	-6	-8	-11	-15	-15
1320	-17	-19	-22	-23	-21	-20	-20	-18	-15	-11
1330	-15	-11	-9	-7	-1	0	-7	-14	-25	-41
1340	-53	-64	-78	-93	-104	-113	-122	-129	-131	-121
1350	-110	-96	-83	-63	-43	4	20	51	55	73
1360	85	93	97	98	98	94	90	87	83	82
1370	82	85	91	99	105	107	104	93	77	58
1380	37	45	-3	-11	-9	0	17	52	89	125
1390	458	485	485	205	202	173	131	77	13	54
1400	-120	-185	-227	-260	-283	-289	-287	-267	-235	-186
1410	-145	-86	-27	23	63	93	115	126	130	133
1420	135	131	118	89	45	2	-35	-81	-133	-155
1430	-178	-190	-190	-177	-154	-118	-137	-168	-170	-176
1440	108	140	165	178	182	178	172	168	170	176
1450	163	190	187	174	135	78	22	-19	-62	-109
1460	-144	-171	-199	-234	-271	-307	-343	-371	-399	-394
1470	-394	-385	-385	-330	-287	-243	-196	-142	-75	-16
1480	26	74	117	160	197	231	238	242	238	196
1490	138	70	-3	-68	-114	-135	-135	-107	-59	4
1500	82	156	223	300	358	395	436	454	450	431
1510	389	343	262	165	84	6	-68	-148	-237	-308
1520	-348	-378	-399	-402	-394	-376	-354	-324	-293	-263
1530	-241	-218	-184	-163	-119	-57	28	109	164	275
1540	342	388	422	441	430	448	440	410	367	314
1550	246	174	111	49	-12	-65	-105	-137	-170	-194
1560	-208	-214	-203	-189	-179	-174	-172	-171	-172	-172

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-105A E335 )

CONTINUED( S-105B E335 )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	-91	-132	-158	-169	-171	-165	-149	-123	-84	-38	-21	-21	-17	-12	-6	3	11	26	38	47
2120	18	95	164	205	229	241	236	222	202	170	56	63	67	62	64	65	62	53	41	27
2130	138	107	67	36	5	-30	-58	-32	-100	-107	11	-2	12	-21	-31	-38	-39	-30	-30	-112
2140	-110	-107	-100	-86	-68	-48	-27	-5	18	46	-31	-32	-36	-40	-50	-62	-77	-98	-102	-112
2150	66	77	88	97	103	103	105	102	89	68	-119	-121	-124	-118	-114	-106	-90	-65	-60	-18
2160	46	26	5	-15	-34	-50	-67	-84	-101	-115	6	30	48	59	65	68	69	69	69	69
2170	-131	-145	-148	-144	-132	-116	-92	-65	-41	-23	71	72	71	71	71	71	69	67	62	58
2180	3	14	24	35	48	58	60	55	54	50	54	44	35	27	22	17	15	16	16	17
2190	44	39	38	41	47	54	57	53	46	34	18	21	21	20	19	17	14	14	16	18
2200	14	-53	-45	-31	-19	-4	9	18	21	16	-13	-13	-10	-4	8	10	12	14	16	18
2210	71	3	-9	-28	-48	-84	-82	-97	-104	-103	4	3	12	18	20	21	20	17	15	12
2220	-97	-88	-76	-59	-44	-32	-20	-7	3	13	2770	15	13	10	7	8	10	12	14	16
2230	24	36	45	50	51	49	44	38	34	33	2780	10	10	10	6	1	-2	10	-21	-31
2240	34	39	43	48	53	54	47	41	37	37	2790	-39	-48	-58	-69	-77	-82	-89	-97	-102
2250	26	20	12	-2	-9	-26	-42	-50	-54	-55	2800	-86	-72	-58	-38	-14	2	27	57	85
2260	-48	-42	-34	-26	-18	-7	3	10	14	17	2810	111	123	130	131	127	120	109	97	72
2270	19	14	6	-6	-16	-13	-2	3	11	24	2820	95	40	23	3	-13	-20	-21	-25	-28
2280	-33	-24	-16	-1	-13	-9	-6	-2	3	11	2830	-22	-24	-21	-20	-19	-20	-22	-23	-24
2290	41	55	68	79	89	93	92	90	87	84	2840	-22	-21	-19	-18	-20	-23	-28	-31	-31
2300	81	74	59	48	37	21	1	-16	-31	-39	2850	-31	-31	-30	-30	-30	-30	-29	-31	-41
2310	-45	-47	-49	-48	-44	-40	-37	-33	-27	-21	2860	-45	-42	-40	-38	-36	-33	-30	-29	-31
2320	-16	-11	-8	-4	-4	-3	3	11	18	29	2870	-29	-24	-21	-18	-16	-11	-11	-13	-17
2330	41	50	56	59	61	59	61	59	58	54	2880	-23	-27	-29	-29	-29	-29	-30	-32	-35
2340	50	46	39	31	21	12	5	-6	-17	-22	2890	-35	-36	-36	-36	-32	-25	-19	-13	-10
2350	-23	-27	-30	-34	-38	-40	-42	-40	-37	-34	2900	-1	1	0	-1	0	-1	-2	-7	-12
2360	-23	-27	-30	-34	-38	-40	-42	-40	-37	-34	2910	-20	-19	-18	-13	-7	2	16	29	63
2370	-26	-30	-33	-37	-40	-42	-40	-37	-34	24	2920	80	98	113	125	132	138	137	130	122
2380	-25	-13	0	-19	-49	-76	-108	-132	-156	-174	2930	100	84	68	48	24	8	-3	-12	-16
2390	14	0	-19	-199	-193	-185	-172	-157	-133	-99	2940	8	0	9	20	24	27	30	34	37
2400	-196	-198	-198	-199	-193	-185	-172	-157	-133	-99	2950	36	31	30	22	14	8	3	-2	-8
2410	-42	-11	21	63	100	121	135	146	150	142	2960	-20	-23	-25	-27	-27	-27	-28	-28	-28
2420	133	129	120	102	86	69	53	35	17	-1	2970	-58	-58	-58	-58	-58	-58	-58	-58	-58
2430	-15	-21	-26	-30	-30	-33	-35	-31	-25	-21	2980	-78	-83	-88	-94	-95	-92	-88	-81	-73
2440	-15	-4	10	14	21	28	29	32	38	45	2990	-55	-43	-37	-32	-25	-18	-13	-13	-14
2450	51	54	58	64	62	62	62	61	58	56	3000	-26	-32	-38	-41	-42	-43	-45	-43	-40
2460	55	54	54	52	47	41	37	20	16	10	3010	-30	-27	-25	-22	-13	-7	-4	-7	-9
2470	2	-5	-10	-10	-7	-2	5	18	32	44	3020	-12	-18	-25	-34	-40	-48	-59	-66	-70
2480	60	78	88	93	103	111	118	118	118	108	3030	-83	-85	-84	-77	-66	-49	-29	-12	8
2490	83	58	28	-4	-42	-72	-97	-117	-130	-135	3040	42	52	59	64	70	74	74	70	68
2500	-135	-135	-135	-132	-127	-115	-93	-77	-60	-40	3050	7	47	31	26	18	14	9	10	14
2510	-18	2	19	32	37	41	40	36	31	15	3060	58	56	72	89	105	120	130	138	142
2520	0	-18	-47	-74	-88	-102	-120	-129	-137	-139	3070	139	133	120	109	86	66	37	19	-11
2530	-142	-135	-128	-113	-90	-65	-48	-31	-21	-14	3080	-49	-61	-66	-71	-75	-79	-79	-75	-72
2540	-14	-14	-15	-15	-11	-11	-11	-7	-2	4	3090	-68	-61	-58	-52	-49	-42	-38	-30	-23
2550	11	19	25	30	30	26	18	2	-9	-32	3100	-5	6	21	31	37	43	48	59	61
2560	-50	-69	-91	-115	-126	-136	-144	-152	-155	-155	3110	68	71	71	74	73	73	65	66	62
2570	-150	-136	-119	-99	-75	-49	-29	-14	4	18	3120	68	71	71	74	73	73	65	66	62
2580	33	46	59	66	76	85	90	92	93	88	3130	53	51	48	44	41	36	33	28	22
2590	81	77	69	54	37	25	17	13	18	22	3140	23	23	23	24	27	28	29	30	29
2600	132	130	125	116	106	88	77	68	61	56	3150	-148	-159	-165	-167	-167	-166	-161	-158	-133
2620	52	49	47	47	45	46	52	56	56	56	3160	-124	-109	-90	-73	-63	-48	-35	-20	-4
2630	56	46	37	22	2	-15	-31	-40	-44	-45	3170	20	30	35	39	45	48	51	51	48
2640	-43	-41	-41	-36	-32	-30	-28	-27	-25	-22	3180	41	37	33	32	27	22	21	21	21

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1058 E335 )

NO. ( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	28	31	37	47	51	52	51	51	47
3200	41	39	37	32	28	23	21	10	3
3210	-2	-5	-9	-11	-14	-18	-21	-25	-29
3220	-30	-29	-31	-35	-35	-35	-31	-29	-26
3230	-11	-2	4	9	13	18	22	25	29
3240	34	35	36	38	37	38	38	37	38
3250	38	35	33	30	30	32	36	40	44
3260	56	60	64	66	66	67	63	58	48
3270	27	17	0	-20	-42	-61	-77	-98	-106
3280	-107	-103	-93	-78	-65	-54	-40	-26	-13
3290	10	19	25	27	29	29	30	30	30
3300	10	31	33	31	27	23	20	14	7
3310	-22	-38	-50	-62	-75	-87	-85	-65	-48
3320	-37	-46	-35	-25	-13	-6	2	12	18
3330	31	34	36	37	40	41	41	40	38
3340	38	38	38	37	38	33	27	21	18
3350	20	21	21	22	25	27	28	30	31
3360	30	31	28	22	13	7	-1	-9	-20
3370	-34	-34	-34	-32	-29	-27	-30	-30	-26
3380	-13	-9	-7	-5	-5	-5	-2	2	5
3390	8	12	16	26	30	33	36	37	32
3400	27	23	18	5	-10	-26	-46	-56	-60
3410	-70	-71	-67	-63	-59	-56	-52	-48	-44
3420	-33	-29	-29	-30	-31	-35	-38	-40	-45
3430	-56	-58	-60	-62	-60	-56	-54	-51	-48
3440	-38	-34	-28	-24	-19	-13	-5	4	11
3450	25	40	51	59	66	69	67	64	61
3460	53	51	51	49	47	45	40	35	28
3470	25	22	20	16	11	7	1	-6	-19
3480	-22	-22	-17	-16	-13	-11	-10	-10	-14
3490	-9	-11	-14	-19	-23	-28	-34	-39	-42
3500	-42	-37	-33	-29	-26	-23	-19	-13	-8
3510	-9	-7	-7	-9	-14	-19	-23	-28	-27
3520	-24	-21	-17	-13	-8	-3	1	9	17
3530	29	36	39	40	40	36	32	26	14
3540	-5	-12	-19	-30	-39	-48	-59	-69	-75
3550	-85	-86	-86	-86	-84	-78	-70	-64	-59
3560	-50	-44	-39	-36	-31	-28	-23	-21	-21
3570	-20	-18	-15	-14	-12	-6	-2	0	4
3580	7	9	11	13	14	17	21	23	26
3590	31	34	36	41	44	44	44	43	44
3600	44	43	43	43	43	43	43	43	39
3610	36	34	31	28	24	19	15	10	3
3620	-5	-6	-2	0	2	7	14	21	26
3630	32	37	43	48	51	51	51	50	46
3640	34	28	21	19	13	8	4	2	2
3650	0	0	0	-1	-2	-6	-8	-11	-11
3660	-11	-11	-10	-8	-6	-7	-5	-4	-2
3670	8	13	16	15	13	13	11	8	3
3680	-5	-9	-15	-19	-26	-36	-42	-48	-52
3690	-52	-51	-51	-51	-49	-46	-42	-38	-34
3700	-31	-27	-23	-18	-14	-11	-10	-7	0
3710	41	20	28	34	39	44	51	54	59
3720	54	53	51	49	45	41	37	32	28

TO BE CONTINUED

TO BE CONTINUED

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	-52	-55	-59	-61	-59	-57	-56	-54	-53	-52
4280	-51	-52	-52	-52	-52	-52	-52	-52	-52	-52
4290	-52	-50	-47	-43	-41	-40	-39	-38	-37	-34
4300	-30	-27	-24	-21	-19	-16	-13	-11	-10	6
4310	-9	-7	-5	-2	0	0	0	2	2	6
4320	10	12	14	17	20	22	24	26	26	45
4330	27	27	26	30	31	33	35	37	39	45
4340	51	54	57	59	61	62	62	62	61	61
4350	60	57	55	52	52	50	47	47	44	41
4360	40	37	33	30	24	21	18	14	8	4
4370	0	-2	-9	-12	-15	-17	-17	-17	-17	4
4380	-18	-18	-18	-18	-17	-17	-17	-17	-17	-17
4390	-25	-28	-28	-28	-28	-28	-28	-28	-28	-28
4400	-31	-31	-31	-30	-30	-28	-27	-25	-26	-25
4410	-25	-24	-24	-24	-22	-22	-24	-24	-25	-25
4420	-27	-27	-26	-24	-23	-21	-19	-17	-15	-10
4430	-4	1	6	9	12	13	13	13	14	13
4440	12	15	15	16	16	19	23	23	25	27
4450	28	30	31	37	41	43	44	47	48	48
4460	48	48	48	44	44	43	42	42	42	42
4470	41	41	41	44	44	45	47	47	51	54
4480	54	54	51	51	51	44	39	32	30	25
4490	19	15	11	9	8	8	9	9	10	12
4500	12	13	13	13	13	13	13	13	14	19
4510	6	6	1	-2	-7	-10	-13	-19	-21	-26
4520	-30	-30	-30	-30	-28	-28	-26	-24	-21	-17
4530	-12	-6	0	8	13	20	22	25	30	31
4540	34	36	38	38	37	38	40	40	40	38
4550	33	32	29	24	18	14	7	0	0	0
4560	-10	-10	-9	-6	-2	0	1	4	4	0
4570	-1	-4	-7	-10	-13	-24	-31	-37	-39	-41
4580	-42	-40	-32	-26	-22	-15	-11	-5	-2	-2
4590	0	1	2	4	5	7	9	10	13	15
4600	-1	0	0	3	5	7	9	10	13	15
4610	16	16	14	10	6	2	-1	-6	-10	-11
4620	-12	-14	-12	-10	-8	-5	-1	1	7	13
4630	16	18	21	22	22	22	23	20	19	16
4640	15	15	14	14	15	15	15	15	15	15
4650	15	15	15	15	15	15	15	14	14	14
4660	14	15	14	14	15	15	15	15	12	10
4670	9	6	3	1	0	0	-2	-5	-9	-12
4680	-14	-16	-19	-21	-21	-25	-25	-25	-25	-25
4690	-25	-23	-22	-20	-18	-19	-15	-10	-7	-2
4700	-7	-7	-7	-7	-7	-7	-7	-7	-5	-2
4710	1	4	8	12	15	16	21	24	28	30
4720	30	28	26	23	21	17	15	13	9	4
4730	0	-3	-5	-5	-5	-5	-5	-5	-2	-1
4740	0	1	2	3	3	2	0	-1	-3	-3
4750	-4	-4	-4	-4	-4	-5	-5	-7	-8	-8
4760	-7	-7	-7	-9	-10	-11	-12	-17	-21	-25
4770	-28	-30	-32	-33	-35	-36	-35	-36	-37	-38
4780	-37	-34	-32	-31	-30	-29	-27	-24	-23	-22
4790	-21	-21	-21	-19	-15	-13	-9	-6	-5	-4
4800	-2	-1	0	1	2	2	2	2	2	0

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-105A E33S )										CONTINUED( S-105B E33S )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	20	21	22	23	25	25	25	25	25	25	5890	47	48	48	48	47	48	48	47	47	48
5360	18	17	17	17	15	15	15	15	15	15	5900	50	51	51	51	54	56	57	58	62	63
5370	27	27	27	27	28	27	27	27	27	25	5910	65	66	63	63	63	63	63	63	63	63
5380	23	24	25	25	26	26	26	26	26	25	5920	63	63	63	65	66	63	65	67	68	67
5390	31	29	26	25	23	23	21	19	18	15	5930	67	67	67	67	67	67	67	68	67	67
5400	14	12	12	9	7	7	7	7	4	4	5940	68	67	66	63	62	63	62	59	59	59
5410	3	3	3	3	1	-1	0	1	2	2	5950	59	59	57	58	57	57	57	57	57	57
5420	5	9	12	15	19	23	27	30	35	38	5960	55	55	56	57	55	55	51	51	51	51
5430	40	41	43	44	44	44	43	42	40	40	5970	51	51	52	54	55	55	55	55	55	55
5440	40	40	40	40	40	40	40	40	40	40	5980	55	55	55	55	55	55	55	55	55	55
5450	40	40	40	38	35	32	28	26	23	18	5990	61	62	65	66	66	66	63	60	57	57
5460	14	12	9	5	2	1	-1	-3	-4	-4	6000	55	52	51	46	42	41	40	37	36	36
5470	0	-4	-4	-4	-4	-4	-4	-4	0	0	6010	35	34	32	30	29	29	29	29	29	33
5480	0	-2	-4	-4	-4	-4	-4	-4	-6	-4	6020	35	39	40	43	46	49	50	51	50	50
5490	-8	-11	-14	-15	-15	-16	-16	-16	-15	-15	6030	51	51	52	53	53	54	53	53	53	53
5500	-14	-14	-16	-18	-18	-18	-18	-18	-22	-24	6040	53	53	54	55	56	56	57	60	57	53
5510	-26	-26	-26	-26	-25	-25	-25	-25	-26	-26	6050	52	52	52	50	48	43	42	42	42	42
5520	-26	-26	-26	-26	-26	-26	-26	-26	-26	-27	6060	42	43	43	43	43	42	42	42	42	40
5530	-27	-27	-27	-26	-26	-26	-26	-26	-23	-17	6070	38	37	35	35	34	31	30	32	35	36
5540	-15	-14	-14	-15	-16	-16	-16	-16	-21	-25	6080	36	36	36	36	36	36	36	36	37	37
5550	-25	-26	-27	-27	-28	-28	-28	-28	-36	-36	6090	35	33	33	33	34	34	34	34	37	37
5560	-28	-36	-36	-36	-36	-36	-36	-36	-41	-47	6100	38	39	41	43	45	47	48	48	49	50
5570	-48	-47	-45	-43	-43	-42	-41	-40	-39	-39	6110	48	45	45	43	40	36	32	28	25	21
5580	-37	-38	-37	-36	-36	-36	-36	-36	-36	-36	6120	13	10	7	6	6	3	1	0	0	0
5590	-36	-33	-27	-26	-26	-26	-26	-26	-26	-26	6130	10	7	6	6	6	0	0	0	0	0
5600	-16	-16	-16	-16	-16	-16	-16	-16	-21	-26	6140	0	0	0	0	0	0	0	0	0	0
5610	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	6150	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
5620	-47	-48	-48	-48	-48	-48	-48	-48	-48	-48	6160	-1	-2	-3	-4	-5	-7	-8	-10	-10	-9
5630	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	6170	-8	-7	-7	-7	-7	-8	-9	-11	-12	-12
5640	-72	-73	-74	-75	-76	-76	-76	-76	-77	-78	6180	-12	-12	-13	-13	-13	-12	-12	-12	-12	-12
5650	-75	-72	-72	-67	-58	-58	-58	-58	-58	-58	6190	-12	-11	-11	-11	-12	-12	-12	-12	-12	-12
5660	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	6200	-35	-25	-25	-25	-29	-31	-32	-34	-35	-35
5670	-77	-78	-78	-78	-78	-78	-78	-78	-78	-78	6210	-34	-32	-34	-43	-46	-49	-51	-54	-56	-57
5680	-68	-68	-68	-68	-68	-68	-68	-68	-68	-68	6220	-59	-62	-63	-65	-67	-68	-70	-72	-72	-72
5690	-68	-61	-73	-70	-68	-68	-68	-68	-68	-68	6230	-72	-72	-72	-72	-72	-72	-73	-75	-76	-75
5700	-36	-36	-34	-26	-24	-16	-14	-15	-16	-16	6240	-75	-75	-75	-77	-80	-83	-83	-84	-85	-84
5710	-16	-18	-25	-25	-26	-26	-26	-26	-27	-30	6250	-86	-86	-86	-87	-89	-93	-93	-93	-93	-93
5720	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	6260	-84	-84	-84	-84	-84	-84	-84	-84	-84	-84
5730	-48	-47	-49	-58	-58	-58	-58	-58	-58	-57	6270	-104	-104	-104	-104	-104	-104	-104	-104	-104	-104
5740	-48	-48	-48	-46	-36	-36	-36	-36	-36	-36	6280	-86	-86	-86	-87	-89	-93	-93	-93	-93	-93
5750	-19	-26	-26	-26	-26	-26	-26	-26	-26	-26	6290	-86	-86	-86	-87	-89	-93	-93	-93	-93	-93
5760	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	6300	-85	-83	-83	-83	-82	-81	-78	-76	-76	-76
5770	-18	-16	-14	-17	-25	-25	-25	-25	-25	-25	6310	-76	-76	-76	-75	-73	-73	-71	-70	-69	-69
5780	-25	-25	-25	-25	-26	-18	-18	-18	-18	-16	6320	-68	-65	-63	-63	-63	-63	-63	-63	-62	-59
5790	-16	-14	-16	-16	-19	-25	-25	-25	-25	-26	6330	-57	-57	-57	-57	-56	-54	-53	-51	-51	-49
5800	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	6340	-40	-41	-41	-41	-41	-41	-41	-41	-41	-41
5810	-7	-4	-5	-5	-5	-4	-4	-4	-4	-4	6350	-32	-31	-29	-30	-30	-30	-29	-28	-27	-24
5820	3	7	7	7	3	3	3	3	3	3	6360	-22	-19	-17	-13	-10	-10	-10	-10	-9	-8
5830	7	7	13	14	17	21	25	27	29	29	6370	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
5840	29	33	37	40	41	44	47	49	51	55	6380	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
5850	53	53	57	57	55	51	51	51	48	45	6390	10	11	10	11	10	11	10	10	10	10
5860	43	43	42	44	44	45	47	45	44	44	6400	10	11	10	11	12	12	11	12	12	12
5870	40	40	37	36	36	34	34	34	36	36	6410	13	12	10	9	7	5	4	1	0	0
5880	37	37	39	41	43	45	46	46	48	48	6420	-1	-3	-4	-6	-7	-7	-7	-7	-7	-7

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-105B E335 )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6430	-7	-7	-1	-7	-7	-7	-7	-7	25	21
6440	-6	-6	-6	-4	-2	0	0	2	20	22
6450	9	12	12	1K	16	19	20	22	20	17
6460	24	27	29	30	30	31	33	37	27	26
6470	40	41	44	45	48	51	51	54	24	16
6480	61	62	65	61	63	63	67	69	16	16
6490	67	68	70	71	71	72	72	72	9	6
6500	71	71	70	67	67	66	64	63	10	16
6510	61	60	58	54	52	52	52	52	15	15
6520	52	52	54	53	54	53	54	54	14	14
6530	54	51	51	51	50	48	46	45	24	29
6540	47	47	47	47	45	44	44	44	37	37
6550	41	40	38	36	33	33	32	30	43	45
6560	36	36	36	36	36	37	37	38	44	46
6570	27	24	22	20	19	19	18	17	35	33
6580	18	19	20	19	19	18	17	16	32	31
6590	12	9	7	5	5	0	-1	-9	34	33
6600	-10	-14	-14	-13	-10	-12	-12	-11	32	32
6610	-18	-20	-20	-21	-21	-21	-21	-21	34	34
6620	-22	-24	-22	-20	-18	-18	-17	-15	36	36
6630	-10	-11	-11	-10	-10	-10	-11	-10	40	40
6640	-9	-9	-9	-9	-9	-9	-11	-11	42	42
6650	-11	-11	-13	-15	-16	-17	-17	-17	44	44
6660	-21	-21	-21	-21	-22	-24	-25	-25	46	46
6670	-25	-25	-25	-25	-25	-25	-25	-25	48	48
6680	-14	-20	-19	-19	-19	-18	-17	-16	50	50
6690	-14	-14	-14	-14	-15	-14	-13	-12	52	52
6700	-6	-7	-8	-6	-5	-7	-6	-4	50	50
6710	-1	0	1	0	0	0	-1	0	48	48
6720	5	5	7	8	7	8	9	9	46	46
6730	12	11	11	12	12	10	8	6	44	44
6740	5	5	5	5	5	2	2	0	42	42
6750	0	0	0	0	0	0	0	0	40	40
6760	-7	-7	-7	-7	-7	-7	-7	-7	38	38
6770	-3	-1	0	0	0	0	0	0	36	36
6780	0	0	0	0	0	0	0	0	34	34
6790	-2	-3	-3	-3	-3	-2	-2	-2	32	32
6800	0	0	0	0	0	0	-1	-1	30	30
6810	-1	-1	-1	-1	-1	-1	-1	-1	28	28
6820	-11	-13	-15	-18	-20	-21	-22	-25	26	26
6830	-23	-25	-27	-30	-32	-33	-33	-35	24	24
6840	-37	-39	-39	-39	-39	-39	-39	-39	22	22
6850	-39	-39	-39	-39	-39	-38	-38	-37	20	20
6860	-39	-40	-41	-41	-41	-41	-41	-41	18	18
6870	-41	-41	-42	-44	-47	-48	-48	-49	16	16
6880	-52	-52	-53	-55	-57	-60	-60	-60	14	14
6890	-59	-59	-59	-59	-59	-58	-56	-54	12	12
6900	-61	-60	-60	-60	-60	-60	-60	-60	10	10
6910	-39	-39	-39	-39	-37	-36	-34	-33	8	8
6920	-28	-28	-28	-28	-25	-25	-24	-24	6	6
6930	-13	-11	-10	-10	-18	-17	-16	-14	4	4
6940	-13	-11	-9	-8	-8	-8	-8	-8	2	2
6950	-8	-8	-8	-8	-8	-8	-8	-8	0	0
6960	-3	0	0	0	5	6	8	11	13	13

TO BE CONTINUED

TO BE CONTINUED

RECORD = S-1056 COMPONENT = DOWN STATION = YAMASHITA-HEN-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 7550  
 SIGNAL = GR.ACC. SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL

CONTINUED ( S-1056 E33S )  
 NO. ( 1 ) ( 2 ) ( 3 ) ( 4 ) ( 5 ) ( 6 ) ( 7 ) ( 8 ) ( 9 ) ( 10 )  
 7510 -2 -2 -2 -1 -1 1 2 4 7  
 7520 10 12 12 13 13 15 16 16 16  
 7530 16 16 16 16 16 17 18 19 19  
 7540 19 19 21 22 21 20 20 20 20  
 END

CONNECTION POINT IN DATA NUMBER= 4554, 7550,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
10	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
20	-18	-18	-19	-19	-19	-20	-21	-22	-23	-23
30	-23	-24	-24	-24	-25	-26	-26	-27	-28	-28
40	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
50	-29	-29	-29	-29	-27	-25	-24	-22	-19	-19
60	-20	-21	-22	-22	-20	-18	-17	-15	-13	-10
70	-8	-8	-6	-8	-8	-8	-8	-8	-8	-8
80	-8	-8	-9	-9	-9	-10	-12	-14	-14	-14
90	-14	-14	-13	-11	-8	-6	-5	-5	-6	-5
100	-5	-3	0	0	-2	-5	-7	-7	-7	-6
110	-6	-6	-6	-7	-10	-12	-12	-13	-15	-15
120	-16	-17	-18	-18	-18	-19	-21	-23	-24	-27
130	-29	-29	-28	-23	-20	-13	-12	-11	-12	-15
140	-18	-19	-22	-23	-23	-21	-19	-18	-15	-13
150	-12	-13	-16	-19	-16	-12	-8	-3	0	0
160	0	0	-1	-2	-3	-6	-9	-13	-16	-25
170	-30	-32	-32	-32	-32	-32	-33	-37	-41	-43
180	-43	-41	-38	-35	-34	-34	-34	-34	-30	-30
190	-26	-22	-19	-16	-12	-8	-7	-8	-10	-16
200	-24	-30	-34	-36	-33	-30	-25	-17	-12	-8
210	-6	-5	-5	-5	-4	-4	-3	1	7	14
220	22	29	35	38	36	31	24	14	5	-4
230	-12	-19	-24	-29	-33	-35	-33	-32	-31	-28
240	-20	-10	-6	-4	-4	-7	-10	-14	-20	-22
250	-22	-19	-11	-2	8	15	21	20	14	8
260	1	-4	-11	-17	-19	-15	-9	-3	4	11
270	16	17	16	16	17	17	18	15	8	2
280	-1	-2	-3	-5	-6	-7	-7	-7	-8	-9
290	-13	-16	-23	-26	-26	-27	-29	-29	-29	-26
300	-21	-17	-14	-9	-4	1	7	10	11	11
310	12	13	11	5	0	-5	-17	-29	-36	-39
320	-40	-40	-36	-30	-24	-21	-15	-11	-8	-8
330	-8	-8	-8	-8	-8	-10	-16	-21	-25	-24
340	-18	-13	-11	-15	-19	-23	-23	-19	-18	-16
350	-16	-15	-12	-11	-6	-1	6	10	11	8
360	2	-2	-2	-3	-3	-4	-10	-12	-8	-4
370	0	1	4	6	8	6	4	2	0	-2
380	-6	-12	-19	-23	-23	-20	-18	-15	-12	-9
390	-7	-6	-4	-1	0	-3	-2	-2	-2	-2
400	2	8	12	13	10	4	-1	-11	-18	-20
410	-19	-18	-16	-17	-23	-27	-28	-25	-21	-17
420	-12	-10	-8	-4	1	6	12	14	7	0
430	-6	-9	-11	-6	-6	-2	1	0	3	0
440	-8	-11	-8	-3	1	2	4	5	6	14
450	19	29	32	27	17	3	-9	-15	-14	-14
460	-6	-2	-3	-5	-5	-8	-8	-6	-5	-5
470	-5	-4	-2	-1	-5	-8	-14	-17	-19	-19
480	-21	-22	-18	-14	-8	-1	0	5	6	6

TO BE CONTINUED

CONTINUED ( S-1058 DOWN )

CONTINUED ( S-1058 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	4	1	-5	-12	-19	-22	-26	-26	-26	-26
500	-29	-30	-33	-37	-37	-34	-30	-30	-30	-32
510	-32	-29	-27	-19	-1	15	31	31	27	22
520	10	1	-7	-6	-5	-1	1	1	0	22
530	-5	-9	-13	-17	-19	-25	-31	-35	-34	-34
540	-23	-15	-3	16	28	32	34	25	14	2
550	-4	-7	-13	-17	-22	-25	-28	-29	-29	-28
560	-24	-19	-11	-7	0	3	11	18	19	19
570	19	19	19	18	15	18	21	24	25	19
580	4	-2	-11	-21	-25	-25	-24	-22	-23	-23
590	-28	-33	-33	-33	-33	-27	-20	-19	-19	-19
600	-19	-19	-8	0	7	14	16	21	28	28
610	34	37	27	17	9	0	2	0	5	11
620	17	18	11	4	0	-2	1	0	2	4
630	5	6	10	12	8	4	0	-5	-12	-12
640	-9	-5	-3	-2	-6	-13	-19	-26	-35	-34
650	-26	-18	-13	-9	-6	-7	-6	-8	-13	-18
660	-22	-25	-25	-23	-19	-14	-6	-1	3	6
670	7	4	-1	-7	-10	-13	-13	-14	-14	-9
680	-1	3	6	0	10	11	10	5	1	-3
690	-11	-17	-20	-18	-15	-13	-12	-11	-10	-9
700	-21	-24	-22	-18	-15	-13	-9	-5	-3	-6
710	-11	-18	-24	-27	-28	-28	-28	-24	-17	-14
720	-9	-5	-2	0	1	3	5	4	7	6
730	-3	-3	-6	-11	-14	-14	-15	-9	-1	-1
740	8	17	23	28	30	32	34	35	34	32
750	31	29	28	28	27	22	15	8	2	-1
760	-3	-5	-5	-8	-12	-16	-17	-17	-14	-10
770	-2	4	7	7	6	5	4	1	-3	4
780	-10	-19	-26	-29	-26	-20	-15	-11	-9	-11
790	-15	-17	-17	-15	-10	-5	0	2	2	0
800	5	5	4	-6	-7	-8	-10	-12	-13	-12
810	-7	-9	-6	-7	-11	-16	-18	-15	-10	-4
820	-9	-7	-6	-6	-7	-11	-16	-15	-14	-11
830	2	5	11	13	14	16	15	9	1	5
840	2	4	11	13	14	16	15	9	1	5
850	-11	-14	-18	-19	-18	-17	-14	-11	-5	1
860	7	14	19	22	22	22	24	28	31	30
870	26	21	17	15	-10	-13	-13	-12	-12	-11
880	13	-15	-13	-17	-17	-15	-12	-9	0	7
890	13	-15	-13	-17	-17	-15	-12	-9	0	7
900	7	-11	-11	-7	-5	-4	-3	-1	0	3
910	7	10	14	18	18	19	19	20	20	20
920	16	14	13	10	10	10	10	9	4	4
930	-6	-17	-29	-39	-44	-44	-36	-24	-15	-6
940	-4	-4	-4	-4	-4	-4	-4	-4	0	0
950	-4	-4	-4	-4	-4	-4	-4	-4	0	0
960	10	16	22	25	28	29	27	24	18	14
970	0	0	0	0	4	4	-1	-10	-19	-27
980	-33	-38	-41	-44	-40	-34	-27	-22	-15	-12
990	-9	-8	-3	2	9	13	12	9	7	2
1000	-3	-8	-9	-14	-19	-22	-24	-26	-26	-28
1010	-23	-17	-16	-11	-8	-10	-11	-8	-10	-8
1020	0	2	2	1	0	0	-1	-1	-3	-3

TO BE CONTINUED

TO BE CONTINUED



CONTINUED ( S-1058 DOWN )										CONTINUED ( S-1058 DOWN )												
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	
1570	0	4	-6	4	4	0	-1	-3	-5	-7	2110	-9	-11	-12	-12	-11	-8	-5	-2	0	3	
1580	-14	-18	-23	-26	-31	-35	-38	-37	-35	-29	2120	15	20	24	27	28	29	30	31	29	11	
1590	-24	-17	-10	-7	-4	-2	-4	-4	-6	-6	2130	23	21	21	22	26	31	35	41	49	25	
1600	-5	-2	5	18	34	45	54	59	61	59	2140	53	51	47	44	37	29	35	41	49	53	
1610	50	45	47	53	57	54	51	53	43	31	2150	4	-11	-20	-29	-36	-42	-47	-48	-46	-45	
1620	20	42	4	0	4	-15	-25	-34	-45	-47	2160	-4	-43	-45	-49	-54	-58	-59	-59	-56	-52	
1630	-47	-47	48	-43	-53	-60	-63	-64	-62	-60	2170	-43	-42	-39	-38	-38	-40	-41	-41	-41	-39	29
1640	-58	-53	-43	-47	-48	-48	-49	-46	-41	-29	2180	-39	-42	-42	-42	-42	-45	-45	-45	-45	-45	29
1650	-12	8	25	36	37	33	27	17	10	2	2190	47	44	44	44	44	44	44	44	44	44	29
1660	-6	-8	-5	-5	-3	0	2	3	1	-3	2200	75	70	64	57	51	45	40	35	27	19	
1670	-7	-9	-9	-9	-9	-7	0	4	13	22	2210	12	4	-2	-10	-20	-27	-29	-30	-30	-29	
1680	28	23	21	16	11	8	10	19	29	36	2220	28	27	25	25	21	15	10	8	8	16	
1690	42	45	46	41	35	33	28	20	14	12	2230	-19	-20	-21	-23	-24	-25	-25	-25	-24	-16	
1700	11	12	11	10	10	9	-4	-11	-24	-27	2240	-54	-49	-42	-34	-20	-9	0	9	15	13	
1710	-27	-27	-28	-33	-40	-46	-47	-42	-35	-19	2250	7	-1	-12	-21	-29	-33	-32	-27	-23	-17	
1720	1	4	6	1	0	-5	-3	-3	-4	-7	2260	-13	-7	0	8	16	24	29	32	32	30	
1730	-13	-16	-23	-26	-27	-31	-32	-37	-4	1	2270	24	20	16	12	9	7	6	2	0	-3	
1740	8	16	23	26	28	28	30	30	26	24	2280	-4	-3	-1	1	3	5	4	3	1	0	
1750	21	17	12	11	11	11	12	15	21	30	2290	-2	-2	-1	-1	-1	0	3	3	3	3	
1760	43	44	45	47	43	41	35	29	21	11	2300	6	8	8	10	8	7	7	5	2	2	
1770	2	-5	-14	-19	-23	-25	-24	-11	0	13	2310	3	3	6	8	8	8	8	7	5	-7	
1780	35	45	46	49	42	32	17	-1	-5	-17	2320	-8	-9	-13	-15	-17	-19	-19	-18	-14	-14	
1790	-38	-51	-57	-60	-63	-65	-69	-62	-53	-39	2330	-16	-12	-8	-5	-2	-2	-2	-2	-2	-2	
1800	-21	-11	5	14	20	25	28	30	35	42	2340	-16	-16	-22	-24	-27	-30	-31	-31	-27	-21	
1810	32	26	22	19	25	28	30	35	35	29	2350	-14	1	10	13	11	11	11	15	18	22	
1820	22	13	4	-8	-16	-29	-37	-57	-42	-42	2360	28	24	18	23	26	25	27	29	30	29	
1830	-37	-34	-30	-27	-17	-12	-5	2	-1	-5	2370	23	26	25	24	26	25	27	29	30	29	
1840	-11	-15	-17	-12	-9	-5	0	4	13	21	2380	25	22	20	17	14	10	4	0	-3	-7	
1850	-12	-18	-20	-20	-20	-12	-4	4	13	21	2390	-9	-9	-6	-2	0	1	5	15	18	23	
1860	26	30	33	35	35	30	22	15	7	-1	2400	27	30	35	37	41	40	39	36	33	28	
1870	-6	-10	-10	-9	-7	-5	-2	-2	-5	-5	2410	21	17	9	3	0	0	-4	-6	-7	-5	
1880	-6	-4	0	3	6	7	2	0	-2	-11	2420	-13	-13	-13	-13	-13	-13	-13	-9	-7	-5	
1890	-21	-27	-37	-55	-60	-66	-64	-58	-43	-25	2430	-3	0	2	7	6	9	7	6	3	-1	
1900	-6	20	39	52	58	68	71	67	61	54	2440	-6	-14	-17	-19	-16	-16	-12	-6	1	6	
1910	47	40	39	40	45	48	50	54	56	57	2450	13	19	18	21	23	23	19	15	12	8	
1920	59	64	66	62	56	44	27	12	-4	-11	2460	5	4	3	3	3	3	3	1	1	2	
1930	-15	-18	-18	-19	-18	-18	-19	-18	-16	-15	2470	9	12	18	25	31	35	36	42	46	53	
1940	-17	-18	-19	-21	-21	-21	-21	-19	-16	-15	2480	57	59	58	59	55	54	58	58	55	53	
1950	-17	-19	-19	-19	-19	-19	-19	-19	-19	-19	2490	52	43	38	32	26	19	12	4	-1	-1	
1960	-9	-7	0	3	4	4	2	1	6	7	2500	-2	-1	1	0	2	2	2	2	1	2	
1970	8	10	11	12	12	12	12	12	12	12	2510	0	1	1	1	1	1	1	1	1	1	
1980	8	11	16	22	27	32	35	39	42	39	2520	0	-2	0	1	2	4	7	7	7	12	
1990	31	20	6	-6	-14	-21	-19	-17	-15	-9	2530	16	19	19	19	18	15	13	10	9	6	
2000	-5	-1	0	1	0	-2	-3	-3	-2	-2	2540	0	-2	-3	-6	-6	-7	-13	-16	-16	-16	
2010	-2	-1	1	1	1	0	-7	-10	-12	-13	2550	-16	-16	-16	-16	-15	-14	-8	-8	-8	-6	
2020	-11	-3	2	7	15	25	27	31	32	32	2560	-3	-1	0	0	0	0	-8	-8	-8	-6	
2030	32	32	33	30	26	25	20	17	14	11	2570	-14	-14	-14	-10	-8	-8	-7	-5	-3	-3	
2040	8	7	7	7	7	8	9	10	6	0	2580	-4	-6	-6	-8	-8	-8	-8	-8	-7	-8	
2050	-7	-15	-19	-22	-23	-23	-23	-23	-23	-23	2590	-12	-17	-21	-23	-25	-24	-20	-16	-10	-7	
2060	-22	-21	-19	-17	-14	-13	-13	-10	-9	-7	2600	-5	-1	0	2	6	8	10	10	9	7	
2070	-8	-8	-11	-14	-17	-19	-19	-19	-19	-19	2610	4	2	1	2	2	2	4	4	4	15	
2080	2	10	14	17	19	18	17	17	17	17	2620	-28	-33	-37	-39	-42	-43	-43	-41	-36	-31	
2090	17	18	20	22	21	17	11	6	2	0	2630	-25	-19	-9	3	14	20	27	35	41	44	
2100	-4	-7	-7	-8	-9	-9	-9	-9	-9	-9	2640	45	45	48	49	49	49	51	52	53	53	

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1058 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2650	53	53	53	54	54	53	50	47	41	36
2660	33	26	19	13	6	0	-4	-7	-11	-15
2670	-18	-23	-22	-22	-20	-19	-21	-16	-16	-18
2680	-21	-33	-25	-28	-28	-23	-21	-18	-14	-9
2690	-3	0	5	7	10	11	9	7	7	7
2700	7	7	7	7	7	7	7	7	7	7
2710	9	9	10	7	3	1	-1	-2	-2	-2
2720	-4	-6	-6	-8	-11	-14	-16	-16	-22	-25
2730	-27	-29	-30	-38	-47	-43	-40	-37	-34	-32
2740	-48	-46	-44	-44	-43	-41	-40	-37	-34	-32
2750	-32	-33	-33	-32	-32	-33	-33	-33	-32	-29
2760	-17	-20	-17	-15	-13	-10	-5	1	6	16
2770	22	28	29	29	30	30	31	30	28	26
2780	23	19	15	13	12	11	10	9	9	8
2790	5	3	4	7	10	11	13	15	17	16
2800	13	10	7	3	1	-2	-6	-9	-11	-14
2810	-18	-23	-30	-35	-38	-40	-41	-41	-40	-40
2820	-40	-40	-40	-40	-39	-38	-35	-32	-29	-25
2830	-23	-22	-22	-22	-22	-22	-21	-21	-21	-21
2840	-30	-29	-26	-22	-16	-11	-9	-8	-8	-7
2850	-7	-7	-7	-5	-2	0	0	1	1	1
2860	2	4	6	10	12	16	18	19	19	20
2870	20	19	16	10	3	-3	-6	-14	-19	-26
2880	-34	-42	-51	-62	-71	-76	-81	-82	-82	-82
2890	-81	-78	-74	-70	-67	-66	-61	-54	-45	-38
2900	-11	-5	7	22	30	35	41	44	47	50
2910	53	57	62	65	67	69	70	70	72	74
2920	74	74	73	73	72	71	70	70	69	67
2930	62	57	50	44	38	34	33	33	33	32
2940	31	29	27	25	17	11	7	5	5	5
2950	5	7	9	12	16	20	22	24	26	30
2960	32	32	32	31	27	25	22	21	20	16
2970	12	8	6	3	0	-3	-7	-11	-14	-17
2980	-18	-16	-14	-12	-9	-8	-6	-6	-7	-10
2990	-13	-13	-14	-15	-17	-19	-23	-26	-26	-26
3000	-23	-23	-24	-26	-29	-31	-34	-37	-38	-39
3010	-39	-36	-33	-31	-29	-27	-26	-23	-22	-19
3020	-18	-17	-14	-16	-13	-12	-9	-4	0	3
3030	6	8	11	13	17	19	22	22	25	25
3040	24	22	21	19	18	18	16	15	14	14
3050	12	9	7	4	2	2	3	3	0	3
3060	1	0	-2	-2	-2	-2	-2	-1	0	0
3070	0	0	0	0	0	0	4	11	17	21
3080	22	24	26	26	26	26	26	25	23	21
3090	16	9	0	-11	-24	-29	-33	-38	-42	-43
3100	-43	-43	-44	-46	-50	-50	-51	-49	-47	-43
3110	-40	-34	-28	-23	-17	-9	-5	0	1	2
3120	7	7	7	6	7	5	2	3	4	6
3130	7	7	7	6	7	5	1	-3	-5	-5
3140	-5	-6	-5	-2	0	1	3	6	6	9
3150	10	12	13	13	11	10	10	8	6	9
3160	6	3	4	1	-8	-12	-13	-2	-3	-3
3170	-2	-3	-5	-1	-8	-12	-16	-18	-18	-19
3180	-19	-22	-22	-25	-28	-28	-28	-28	-29	-29

TO BE CONTINUED

CONTINUED ( S-1058 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	-28	-25	-22	-19	-19	-19	-18	-17	-13	-9
3200	-5	-1	0	3	7	10	13	13	15	17
3210	20	21	21	21	18	18	18	17	17	15
3220	17	17	17	17	15	15	15	15	15	15
3230	17	18	18	18	18	18	18	18	18	20
3240	21	21	21	19	18	17	15	14	16	18
3250	20	22	22	22	19	17	15	14	13	13
3260	13	12	10	7	3	0	-2	-5	-6	-11
3270	0	0	0	0	0	-18	-18	-16	-18	-18
3280	-12	-13	-16	-18	-18	-16	-10	11	9	9
3290	-17	-13	-10	-5	0	2	7	10	11	9
3300	8	16	13	17	17	17	15	14	13	13
3310	-13	-13	-13	-13	-21	-27	-35	-41	-53	-66
3320	-48	-48	-46	-44	-43	-40	-38	-34	-29	-24
3330	-18	-13	-10	-9	-6	-5	-6	-7	-8	-8
3340	-9	-10	-10	-7	-2	1	5	7	11	17
3350	27	33	37	40	42	44	47	46	43	41
3360	40	39	37	34	32	32	31	29	26	26
3370	23	21	17	10	7	3	-1	-5	-8	-9
3380	-11	-14	-15	-15	-15	-14	-14	-11	-9	-9
3390	-6	-2	1	3	6	8	11	13	14	15
3400	15	14	14	16	19	21	25	28	31	30
3410	29	29	29	29	29	29	27	25	24	24
3420	25	25	24	23	19	15	9	4	2	0
3430	-2	-9	-17	-23	-30	-36	-40	-43	-46	-48
3440	-49	-50	-52	-53	-53	-53	-54	-54	-54	-53
3450	-51	-54	-54	-54	-53	-53	-52	-49	-44	-37
3460	-31	-28	-24	-22	-22	-20	-19	-19	-17	-16
3470	-14	-13	-13	-12	-10	-8	-7	-4	0	5
3480	1	1	1	0	0	0	-1	-2	-3	-6
3490	3	1	0	0	-1	-1	-1	-2	-3	-6
3500	-12	-13	-13	-12	-12	-12	-14	-16	-17	-18
3510	-16	-16	-15	-14	-11	-9	-8	-7	-6	-6
3520	-6	-6	-6	-6	-7	-9	-9	-9	-9	-9
3530	-5	-2	0	1	3	4	5	5	5	5
3540	6	5	2	0	-1	-4	-7	-8	-10	-12
3550	-13	-13	-13	-13	-13	-13	-12	-12	-13	-13
3560	-13	-12	-13	-16	-18	-19	-21	-23	-21	-19
3570	-19	-19	-20	-21	-22	-23	-23	-22	-23	-22
3580	-19	-17	-15	-10	-8	-8	-7	-8	-8	-8
3590	-17	-17	-16	-16	-17	-12	-13	-13	-16	-16
3600	-14	-12	-10	-8	-6	-4	-4	-2	-1	-1
3610	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
3620	-2	-2	-2	-1	0	-1	-2	-3	-4	-5
3630	-17	-12	-13	-13	-13	-13	-14	-15	-16	-16
3640	-17	-14	-14	-12	-10	-7	-4	-2	-2	-2
3650	0	4	7	8	9	13	20	23	25	27
3660	26	25	23	24	21	20	17	15	15	15
3670	26	25	23	24	21	20	17	15	15	15
3680	14	10	8	8	6	7	4	3	3	3
3690	0	0	0	-1	-2	-3	-3	-3	-3	-3
3700	-2	-4	-6	-8	-11	-14	-17	-18	-19	-20
3710	-21	-22	-24	-26	-26	-26	-26	-26	-26	-26
3720	-26	-26	-26	-26	-27	-26	-26	-26	-26	-26

TO BE CONTINUED

CONTINUED: S-1058 DOWN											CONTINUED: S-1058 DOWN											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
3730	-27	-28	-30	-32	-33	-33	-34	-35	-35	-36	4270	-33	-34	-30	-28	-27	-25	-23	-22	-22	-23	
3740	-36	-38	-41	-43	-43	-43	-43	-44	-45	-46	4280	-19	-19	-19	-18	-17	-16	-15	-15	-15	-15	-16
3750	-47	-46	-44	-38	-35	-33	-30	-28	-24	-19	4290	8	8	8	8	8	8	8	8	8	7	-7
3760	-15	-11	-4	-4	0	0	1	3	3	5	4300	7	7	8	9	10	10	12	12	12	13	-15
3770	5	5	6	6	6	6	6	10	12	18	4310	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
3780	18	22	21	22	22	22	22	22	21	18	4320	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
3790	13	12	12	12	12	12	10	13	16	19	4330	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
3800	19	21	21	22	17	13	10	4	1	1	4340	-11	-10	-9	-9	-9	-9	-9	-9	-9	-9	-9
3810	0	-1	-2	-3	-6	-8	-13	-15	-18	-19	4350	-14	-15	-16	-17	-17	-17	-18	-18	-18	-18	-18
3820	-21	-20	-19	-19	-19	-19	-22	-22	-23	-25	4360	-27	-26	-26	-26	-26	-26	-27	-27	-27	-27	-27
3830	-18	-18	-18	-18	-18	-20	-22	-23	-23	-25	4370	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39
3840	-25	-25	-25	-27	-28	-28	-28	-28	-28	-29	4380	-33	-32	-31	-30	-29	-28	-27	-25	-23	-21	-19
3850	-29	-25	-22	-20	-19	-19	-19	-18	-18	-19	4390	-15	-16	-16	-16	-16	-16	-16	-16	-15	-13	-11
3860	-19	-19	-19	-19	-21	-22	-22	-22	-22	-19	4400	-9	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
3870	-15	-13	-12	-12	-12	-12	-9	-8	-9	-9	4410	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
3880	-9	-9	-9	-8	-8	-8	-8	-8	-9	-12	4420	6	7	9	10	11	11	12	12	12	12	12
3890	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	4430	14	15	15	19	21	23	23	23	23	25	25
3900	-16	-16	-16	-15	-14	-13	-9	-7	-5	-3	4440	25	25	25	25	22	22	22	21	18	18	18
3910	-1	3	3	3	5	6	8	9	11	13	4450	18	16	14	14	14	11	11	11	11	9	7
3920	15	15	15	15	15	15	15	15	15	15	4460	4	3	2	2	2	1	0	0	0	0	0
3930	13	11	11	11	9	7	4	0	0	-2	4470	0	0	0	0	0	-7	-8	-9	-11	-13	
3940	-2	-2	-2	-2	-2	-3	-5	-6	-7	-7	4480	-15	-16	-17	-18	-19	-19	-18	-18	-18	-17	-17
3950	-7	-7	-7	-8	-8	-8	-8	-8	-8	-8	4490	-17	-17	-16	-16	-16	-16	-16	-16	-16	-16	-16
3960	-3	-1	0	-1	0	0	0	0	0	0	4500	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
3970	-2	-1	1	1	1	1	1	3	3	5	4510	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
3980	11	14	16	19	18	17	13	9	6	3	4520	-27	-28	-28	-27	-27	-27	-27	-27	-27	-27	-27
3990	23	22	22	19	16	17	13	9	6	3	4530	-32	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30
4000	0	-1	-2	-2	-4	-6	-8	-8	-9	-11	4540	-16	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
4010	-13	-16	-18	-20	-22	-22	-24	-27	-29	-29	4550	-5	-3	-2	-1	7	10	13	14	14	14	14
4020	-29	-30	-30	-30	-28	-27	-24	-21	-18	-17	4560	17	17	17	17	17	17	17	17	17	17	17
4030	-14	-10	-6	-3	-1	0	1	3	4	4	4570	10	10	10	8	8	8	8	8	8	8	8
4040	6	7	7	8	9	10	10	11	11	11	4580	4	3	2	1	1	1	0	-1	-2	-3	-5
4050	17	15	17	18	20	21	22	24	25	24	4590	-7	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
4060	24	24	24	25	25	25	23	22	21	21	4600	-10	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
4070	21	21	20	20	18	16	14	14	14	14	4610	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
4080	13	12	10	8	8	8	6	3	2	1	4620	2	4	4	5	8	9	12	11	12	13	13
4090	0	-1	-3	-4	-6	-6	-7	-7	-8	-8	4630	13	15	16	18	20	20	20	20	21	20	20
4100	-8	-9	-9	-11	-12	-13	-13	-13	-14	-16	4640	21	20	21	22	24	23	23	24	24	26	26
4110	-18	-19	-21	-22	-24	-25	-27	-29	-31	-33	4650	27	30	33	34	35	34	33	33	32	31	31
4120	-36	-38	-39	-36	-37	-37	-37	-36	-34	-33	4660	29	28	27	27	25	24	23	19	17	17	17
4130	-31	-28	-26	-24	-23	-23	-23	-23	-22	-22	4670	16	14	11	8	7	6	5	5	5	5	5
4140	-22	-24	-26	-27	-28	-28	-27	-27	-27	-30	4680	1	0	1	1	1	2	2	2	2	2	2
4150	-37	-34	-36	-37	-37	-38	-38	-37	-37	-36	4690	3	5	7	9	9	9	9	9	9	9	9
4160	-34	-34	-37	-37	-39	-39	-39	-39	-39	-39	4700	10	10	12	15	17	17	17	18	19	19	19
4170	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	4710	18	19	18	17	15	14	11	9	8	8	8
4180	-31	-29	-27	-26	-25	-25	-25	-26	-26	-23	4720	6	5	3	1	0	0	0	0	0	0	0
4190	-18	-18	-17	-16	-16	-16	-15	-15	-15	-14	4730	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
4200	-31	-31	-31	-30	-28	-27	-27	-27	-27	-30	4740	6	7	8	9	11	12	14	15	15	16	16
4210	-31	-31	-31	-30	-28	-27	-27	-27	-27	-30	4750	16	17	18	19	20	21	21	22	22	21	21
4220	-27	-25	-22	-20	-18	-18	-17	-16	-16	-16	4760	18	18	18	18	18	15	14	12	9	7	7
4230	-16	-16	-16	-16	-16	-16	-16	-16	-16	-20	4770	5	3	0	-2	-4	-5	-7	-11	-13	-14	-14
4240	-24	-25	-26	-28	-30	-31	-34	-35	-37	-38	4780	-17	-18	-18	-18	-19	-20	-21	-21	-22	-22	-22
4250	-39	-38	-39	-39	-37	-37	-37	-36	-35	-34	4790	-31	-33	-33	-34	-35	-35	-35	-35	-35	-35	-35
4260	-35	-37	-38	-39	-39	-39	-39	-38	-37	-36	4800	-42	-42	-42	-41	-41	-41	-41	-41	-41	-41	-41

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1056 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4810	-36	-37	-36	-36	-36	-37	-37	-37	-37	-37
4820	-37	-37	-38	-40	-40	-40	-40	-42	-43	-43
4830	-43	-43	-44	-46	-47	-47	-44	-44	-41	-41
4840	-40	-39	-39	-38	-36	-35	-33	-32	-31	-31
4850	-40	-39	-27	-35	-33	-23	-23	-23	-23	-23
4860	-32	-20	-16	-13	-12	-11	-9	-5	-4	-4
4870	-33	-22	-11	-1	-1	-2	0	2	4	9
4880	7	6	6	7	8	9	10	10	9	9
4890	9	9	9	9	9	9	9	10	11	14
4900	11	11	12	13	14	15	15	15	14	14
4910	14	14	14	14	14	14	14	15	15	15
4920	15	12	9	8	8	7	5	-7	-10	-7
4930	1	0	-1	-1	-1	-3	-5	-5	-7	-10
4940	-12	-14	-16	-18	-18	-17	-16	-16	-17	-19
4950	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
4960	-18	-18	-18	-18	-18	-20	-20	-21	-23	-25
4970	-26	-26	-26	-27	-27	-27	-27	-27	-27	-27
4980	-27	-27	-27	-27	-26	-24	-22	-21	-19	-17
4990	-15	-15	-13	-12	-11	-7	-5	-4	-1	2
5000	5	5	5	5	9	10	10	11	13	14
5010	14	14	14	15	17	18	18	18	18	18
5020	20	21	23	24	24	25	24	24	23	23
5030	24	24	24	24	24	23	21	18	17	15
5040	15	14	14	12	10	9	7	5	5	5
5050	7	8	14	16	19	19	17	15	14	13
5060	2	2	1	1	0	1	0	0	0	0
5070	0	-2	-1	-1	-1	-1	-1	-1	-1	-1
5080	0	-1	-1	-1	-1	-1	-2	-2	-3	-3
5090	-1	-1	-1	-1	0	1	3	5	7	6
5100	10	12	14	16	18	18	17	18	18	17
5110	18	17	16	16	16	13	14	14	13	11
5120	9	8	8	7	7	7	7	8	7	6
5130	6	5	4	4	4	4	4	4	4	4
5140	3	1	1	1	0	0	0	-1	-1	-1
5150	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
5160	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
5170	-1	-1	-1	-1	-1	0	1	3	4	4
5180	4	5	6	6	6	6	6	6	6	6
5190	6	11	13	14	15	14	15	15	15	15
5200	8	11	13	14	15	14	15	15	15	15
5210	14	17	18	18	18	18	18	18	18	18
5220	8	10	10	10	12	13	14	15	15	13
5230	9	10	10	10	11	10	12	13	13	13
5240	11	10	10	11	10	12	13	13	13	13
5250	16	18	19	19	17	16	16	16	16	16
5260	18	18	19	20	20	21	21	21	22	22
5270	22	22	22	22	22	24	25	27	28	26
5280	27	28	28	28	28	28	28	28	28	28
5290	21	21	18	17	16	14	12	9	8	7
5300	7	5	2	0	0	-1	-1	-1	-1	-2
5310	-4	-8	-9	-9	-10	-11	-12	-11	-12	-15
5320	-15	-18	-20	-19	-19	-19	-20	-21	-22	-22
5330	-24	-25	-24	-24	-24	-23	-20	-17	-15	-14
5340	-15	-14	-12	-10	-8	-6	-5	-2	-1	-1

TO BE CONTINUED

CONTINUED ( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	-1	0	0	0	0	0	0	0	0	0
5360	7	8	8	8	8	8	8	8	8	8
5370	7	7	7	7	8	8	8	8	8	8
5380	4	3	2	2	2	2	2	2	2	2
5390	-2	-3	-3	-3	-3	-3	-3	-3	-3	-3
5400	1	1	1	1	1	1	1	1	1	1
5410	1	1	1	1	1	1	1	1	1	1
5420	1	1	1	1	1	1	1	1	1	1
5430	-4	-5	-6	-6	-6	-6	-6	-6	-6	-6
5440	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
5450	4	3	3	3	4	4	4	4	4	4
5460	4	4	4	4	4	4	4	4	4	4
5470	9	10	10	9	9	9	11	14	15	15
5480	14	14	17	14	15	16	16	16	16	17
5490	17	17	16	16	14	14	14	12	10	8
5500	6	5	6	7	6	6	6	6	6	6
5510	5	3	2	2	1	1	1	0	0	0
5520	-1	-1	-1	-1	-1	-1	-2	-2	-2	-3
5530	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
5540	-5	-7	-7	-7	-7	-7	-8	-9	-10	-11
5550	-12	-15	-19	-23	-25	-26	-28	-31	-32	-33
5560	-32	-31	-31	-31	-31	-31	-31	-33	-35	-37
5570	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37
5580	-39	-40	-39	-39	-39	-39	-39	-39	-40	-40
5590	-39	-37	-34	-32	-31	-30	-28	-27	-25	-24
5600	-23	-23	-20	-18	-17	-15	-14	-13	-12	-11
5610	-3	-3	-4	-4	-4	-4	-4	-4	-4	-4
5620	-3	-5	-6	-6	-6	-6	-6	-6	-6	-6
5630	-5	-5	-5	-6	-6	-6	-6	-6	-6	-6
5640	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
5650	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
5660	-10	-11	-11	-11	-11	-11	-11	-11	-11	-11
5670	-11	-10	-7	-5	-4	-3	-3	-3	-3	-3
5680	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
5690	-1	-2	-1	0	2	3	3	3	3	3
5700	6	6	7	7	7	7	7	7	7	7
5710	5	5	3	0	-1	0	0	1	1	1
5720	4	5	6	6	6	6	6	6	6	6
5730	8	8	8	8	9	10	10	10	10	10
5740	16	17	18	18	18	18	18	18	18	18
5750	24	24	24	24	24	24	24	24	24	24
5760	24	24	24	24	24	24	24	24	24	24
5770	24	23	21	17	15	12	10	9	9	9
5780	10	9	10	11	10	10	11	13	14	13
5790	13	13	13	14	13	14	14	14	14	14
5800	18	20	20	20	20	20	20	20	20	20
5810	20	18	17	18	18	17	17	17	17	17
5820	18	18	18	18	18	18	18	18	18	18
5830	14	14	14	14	14	14	14	14	14	14
5840	15	16	16	16	16	16	16	16	16	16
5850	17	17	17	17	17	17	17	17	17	17
5860	18	18	18	18	18	18	18	18	18	18
5870	17	17	17	17	17	17	17	17	17	17
5880	14	11	11	11	11	11	11	11	11	11

TO BE CONTINUED

CONTINUED( S-1056 DOWN )										CONTINUED( S-1056 DOWN )											
NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5890	10	11	11	10	11	11	10	11	9	8	6430	-4	-4	-4	-4	-2	-1	-2	0	0	0
5900	8	8	8	8	8	8	8	8	8	8	6440	1	3	4	4	4	4	4	4	4	4
5910	7	7	7	7	7	7	7	7	7	7	6450	4	4	4	4	4	4	4	4	4	4
5920	1	1	1	1	1	1	1	1	1	1	6460	4	4	4	4	4	4	4	4	4	4
5930	-2	-3	-3	-4	-6	-8	-10	-11	-11	-11	6470	5	4	4	4	5	4	4	4	4	4
5940	-11	-12	-13	-14	-15	-15	-16	-16	-15	-15	6480	4	4	4	4	4	4	4	4	4	4
5950	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	6490	7	8	8	8	8	9	9	10	10	12
5960	-13	-13	-13	-13	-13	-13	-13	-13	-12	-12	5900	11	11	11	11	11	11	14	16	16	16
5970	-12	-9	-5	-5	-6	-6	-8	-8	-5	-5	5910	16	16	16	16	16	16	20	16	14	14
5980	-2	-2	-2	-2	-2	-2	-2	-2	0	0	5920	14	14	15	15	13	13	13	14	13	12
5990	0	0	0	0	0	0	0	0	0	0	5930	9	9	9	9	9	9	9	8	8	7
6000	1	2	0	0	0	0	0	0	0	0	5940	8	8	8	8	8	8	8	8	8	7
6010	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	6000	6	4	4	4	4	4	4	4	4	4
6020	-9	-9	-9	-9	-9	-9	-9	-9	-7	-7	6010	4	4	4	4	4	4	4	4	4	4
6030	-8	-9	-6	-5	-5	-5	-5	-5	-2	-2	6020	2	2	2	2	2	2	2	2	2	2
6040	-2	0	0	2	3	3	3	3	3	3	6030	2	2	2	2	2	2	2	2	2	2
6050	3	3	4	4	4	4	4	4	4	4	6040	-4	-5	-5	-5	-5	-5	-5	-5	-5	-5
6060	8	9	8	7	5	5	5	5	4	4	6050	-4	-5	-5	-5	-5	-5	-5	-5	-5	-5
6070	1	0	-1	-2	-2	-2	-2	-2	-2	-2	6060	1	1	1	1	1	1	1	1	1	1
6080	-8	-7	-1	-1	-1	-1	-1	-1	1	1	6070	-15	-16	-16	-16	-16	-16	-16	-16	-15	-15
6100	2	3	3	3	3	3	3	3	3	3	6080	-9	-9	-8	-8	-8	-8	-8	-8	-8	-7
6110	7	6	6	6	6	6	6	6	6	6	6090	-2	-1	-1	-1	-1	-1	-1	-1	0	0
6120	1	0	0	0	0	0	0	0	0	0	6100	-2	-2	-2	-2	-2	-2	-2	-1	0	0
6130	-3	-4	-3	-5	-7	-8	-9	-10	-11	-11	6110	-1	0	0	0	0	0	0	0	-1	-1
6140	-12	-12	-11	-10	-9	-9	-9	-9	-9	-9	6120	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6150	-8	-8	-7	-6	-6	-6	-6	-6	-5	-4	6130	5	5	5	5	5	5	5	5	5	5
6160	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	6140	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6170	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	6150	4	4	4	4	4	4	4	4	4	4
6180	-2	-3	-5	-5	-5	-5	-6	-8	-10	-11	6160	8	8	8	8	8	8	8	8	8	8
6190	-13	-13	-12	-12	-12	-12	-12	-12	-12	-12	6170	4	4	4	4	4	4	4	4	4	4
6200	-12	-12	-11	-10	-8	-8	-8	-8	-7	-5	6180	4	4	4	4	4	4	4	4	4	4
6210	-5	-5	-2	0	1	1	1	1	1	1	6190	0	0	0	0	0	0	0	0	0	0
6220	8	8	9	10	12	15	15	16	17	17	6200	1	1	1	1	1	1	1	1	1	1
6230	18	18	18	19	20	21	20	20	20	20	6210	1	1	1	1	1	1	1	1	1	1
6240	19	16	15	14	12	10	9	9	8	7	6220	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6250	7	7	7	6	5	6	6	6	6	6	6230	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
6260	5	7	1	0	-1	-1	-1	-1	-1	-1	6240	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
6270	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	6250	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
6280	-6	-7	-6	-6	-6	-6	-6	-6	-6	-6	6260	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
6290	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	6270	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6300	-8	-8	-6	-2	-1	-1	-1	-1	-1	-1	6280	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
6310	-1	0	0	0	0	0	0	0	0	0	6290	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6320	-2	-4	-5	-6	-5	-5	-6	-6	-6	-6	6300	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6330	-6	-7	-7	-7	-7	-7	-7	-7	-7	-7	6310	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
6340	-11	-12	-14	-15	-15	-15	-16	-16	-15	-15	6320	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
6350	-15	-16	-16	-16	-16	-16	-16	-16	-16	-16	6330	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
6360	-18	-16	-16	-16	-16	-16	-16	-16	-16	-16	6340	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
6370	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	6350	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
6380	-14	-16	-19	-19	-19	-19	-21	-22	-22	-22	6360	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
6390	-24	-25	-27	-28	-28	-27	-27	-27	-25	-25	6370	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
6400	-24	-22	-20	-19	-19	-19	-19	-19	-18	-18	6380	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
6410	-17	-17	-15	-15	-15	-15	-15	-15	-14	-12	6390	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
6420	-11	-8	-6	-6	-5	-4	-4	-4	-2	-2	6400	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
6430											6410	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
6440											6420	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-105B DOWN )										CONTINUED ( S-105B DOWN )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6970	3	4	5	7	8	8	8	8	9	9	7510	0	0	0	0	0	0	0	0	1	1
6980	8	7	7	8	8	8	8	8	8	8	7520	1	1	1	0	0	0	0	0	1	1
6990	8	7	7	7	7	7	7	7	7	7	7530	0	0	0	0	0	0	0	0	0	0
7000	4	4	4	2	2	3	3	3	3	3	7540	-1	0	0	0	0	0	0	0	0	0
7010	1	0	-1	-1	-2	-2	-3	-3	-3	-2											
7020	-2	-2	-2	-2	-2	-3	-3	-3	-4	-6											
7030	-8	-10	-11	-11	-11	-12	-12	-12	-11	-11											
7040	-12	-12	-12	-12	-13	-12	-12	-11	-11	-11											
7050	-11	-11	-10	-10	-9	-8	-8	-8	-9	-9											
7060	-9	-9	-9	-8	-8	-8	-8	-8	-8	-9											
7070	-9	-9	-9	-7	-5	-5	-5	-4	-4	-4											
7080	-3	-2	-1	-1	-1	-1	-1	-1	-1	0											
7090	0	0	0	1	2	3	4	4	4	4											
7100	7	9	9	9	9	9	9	9	9	9											
7110	10	10	9	9	10	10	10	10	10	10											
7120	11	11	11	11	11	11	11	12	12	11											
7130	12	13	14	15	15	16	17	17	17	16											
7140	14	14	14	17	17	17	17	17	17	16											
7150	17	17	17	17	17	17	17	17	17	18											
7160	15	14	15	18	16	14	15	14	15	14											
7170	14	12	11	9	8	8	8	8	8	8											
7180	8	8	7	7	6	6	6	6	6	6											
7190	6	4	4	4	4	4	4	4	4	5											
7200	4	4	4	2	2	3	3	3	3	3											
7210	1	1	1	1	1	1	1	1	1	1											
7220	-2	-2	-2	-2	-2	-1	-1	-1	-1	-1											
7230	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5											
7240	-5	-6	-7	-9	-10	-11	-10	-11	-10	-11											
7250	-12	-12	-12	-12	-12	-13	-13	-13	-13	-13											
7260	-15	-12	-13	-15	-15	-15	-15	-15	-15	-15											
7270	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13											
7280	-13	-13	-14	-16	-15	-15	-15	-15	-15	-15											
7290	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9											
7300	-9	-9	-10	-12	-12	-12	-12	-12	-12	-12											
7310	-15	-17	-17	-18	-19	-19	-19	-19	-19	-19											
7320	-19	-19	-19	-19	-20	-21	-21	-21	-21	-22											
7330	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22											
7340	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19											
7350	-20	-20	-20	-21	-21	-21	-21	-21	-21	-20											
7360	-16	-15	-15	-15	-15	-15	-15	-15	-15	-16											
7370	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11											
7380	-10	-10	-8	-6	-6	-6	-6	-6	-6	-6											
7390	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4											
7400	-4	-5	-5	-5	-5	-5	-5	-5	-5	-6											
7410	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8											
7420	-10	-11	-12	-12	-12	-12	-12	-12	-12	-12											
7430	-16	-15	-15	-15	-15	-15	-15	-15	-15	-15											
7440	-12	-12	-12	-12	-12	-11	-11	-11	-11	-10											
7450	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9											
7460	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8											
7470	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2											
7480	4	4	4	5	6	7	7	7	7	7											
7490	8	8	8	8	8	8	8	8	8	8											
7500	7	7	6	7	7	7	7	7	7	7											

END

TO BE CONTINUED

RECORD # S-1063 COMPONENT = SD6E STATION = SHIMIZU-KOJYO-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 9200  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC. CONNECTION POINT IN DATA NUMBER= 4708, 9200,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	-4	-4	-3	-3	-3	-3	-3	-2	-2	-2
10	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1
20	-5	-6	-8	-9	-10	-11	-12	-13	-13	-14
30	-10	-8	-5	-2	0	2	3	5	7	9
40	5	5	3	1	-1	-4	-7	-10	-14	-13
50	-13	-13	-12	-9	-4	0	4	6	6	7
60	6	6	4	1	-1	-4	-8	-12	-13	-14
70	-15	-16	-16	-17	-17	-17	-18	-19	-19	-20
80	-10	-6	-1	3	8	14	20	24	25	28
90	25	23	22	20	19	18	17	17	17	18
100	40	21	24	27	31	34	36	40	42	43
110	40	38	35	32	28	25	21	16	13	13
120	10	7	6	5	4	3	3	3	3	3
130	8	12	17	21	25	28	30	32	29	25
140	20	16	11	6	1	-2	-4	-3	-3	-1
150	0	1	2	3	4	5	5	4	-3	-7
160	-11	-13	-15	-14	-17	-18	-20	-23	-22	-19
170	-17	-16	-16	-16	-16	-15	-17	-18	-19	-20
180	-22	-24	-26	-31	-36	-42	-48	-55	-61	-65
190	-66	-64	-59	-53	-46	-39	-32	-28	-24	-25
200	-26	-28	-29	-29	-27	-25	-23	-20	-16	-13
210	-9	-6	-3	0	4	6	5	3	0	-6
220	-14	-24	-29	-32	-34	-33	-31	-27	-23	-18
230	-14	-7	1	10	18	24	27	20	16	10
240	2	-4	-12	-19	-24	-25	-27	-29	-32	-34
250	-34	-33	-31	-29	-29	-34	-40	-45	-49	-54
260	9	15	22	29	35	41	45	49	54	57
270	60	62	63	64	64	64	61	59	55	47
280	23	7	-3	-17	-29	-38	-43	-47	-51	-56
290	-58	-62	-65	-65	-59	-50	-38	-25	-13	-2
300	6	13	16	18	20	22	23	24	24	24
310	22	20	20	19	18	14	7	0	-7	-14
320	-16	-14	-11	-8	-4	0	7	13	21	31
330	38	47	49	52	53	47	52	55	56	56
340	34	49	43	38	36	36	36	34	35	35
350	35	34	33	29	28	26	22	18	18	18
360	24	29	34	39	41	39	31	22	11	11
370	-3	-18	-33	-45	-53	-59	-66	-71	-74	-76
380	-77	-75	-71	-67	-62	-54	-45	-34	-24	-15
390	-53	-52	-51	-50	-48	-46	-46	-38	-28	-17
400	-5	8	19	29	31	30	22	17	5	5
410	-1	-5	-8	-9	-8	-4	1	9	19	28
420	38	47	58	69	73	72	68	64	54	41
430	33	25	21	20	19	17	16	15	13	11
440	3	-2	-4	-5	-6	-9	-12	-16	-19	-20
450	-21	-20	-11	-6	2	12	18	22	25	23
460	26	25	24	20	15	9	0	-4	-6	-3
470	-2	0	0	-3	-5	-9	-11	-13	-11	-11
480	-7	-6	-4	-4	-5	-8	-11	-15	-17	-17

TO BE CONTINUED

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	-22	-30	-34	-30	-26	-23	-16	-8	-1	4
500	6	0	-2	-6	-11	-16	-18	-19	-19	-16
510	-13	-7	1	10	22	32	43	53	57	55
520	50	49	47	44	40	38	34	30	25	24
530	18	14	14	13	13	13	14	21	18	12
540	0	-13	-28	-39	-44	-39	-39	-22	-11	-2
550	4	10	18	23	27	30	34	34	32	32
560	28	23	18	11	-4	-5	-8	-12	-16	-21
570	-24	-25	-31	-39	-45	-52	-59	-64	-67	-71
580	-74	-78	-82	-86	-85	-81	-73	-58	-37	-17
590	0	14	29	42	50	54	58	58	54	52
600	52	50	52	51	46	44	45	45	43	39
610	32	25	20	17	16	16	16	15	11	7
620	6	8	10	11	13	13	15	17	14	8
630	1	-4	-9	-19	-26	-30	-33	-36	-40	-44
640	-48	-53	-57	-57	-56	-48	-39	-29	-18	-18
650	-12	-7	-2	-1	3	5	6	6	7	10
660	11	11	11	13	17	20	25	29	33	33
670	37	40	42	42	45	40	40	37	32	30
680	33	35	36	37	39	39	39	39	47	54
690	55	52	47	38	28	14	-3	-14	-23	-32
700	-29	-39	-43	-42	-42	-38	-35	-33	-34	-31
710	31	33	33	33	32	30	27	-24	-31	-20
720	18	18	17	19	22	25	27	24	21	20
730	64	67	72	75	73	72	69	67	61	58
740	38	35	32	31	28	26	24	22	16	14
750	8	5	0	-6	-15	-24	-33	-40	-47	-48
760	-45	-44	-41	-33	-24	-10	4	19	31	39
770	37	31	22	8	-8	-24	-35	-45	-52	-56
780	-35	-30	-22	8	-6	-24	-35	-45	-52	-56
790	16	19	18	16	12	10	9	4	1	0
800	2	4	4	5	5	5	4	3	2	-6
810	-13	-28	-47	-67	-91	-109	-127	-142	-149	-145
820	-134	-115	-98	-77	-54	-39	-33	-25	-18	-13
830	-11	-7	-3	2	5	7	9	12	9	7
840	-1	10	-30	-43	-57	-75	-90	-99	-104	-101
850	-100	-94	-88	-78	-70	-53	-37	-22	-15	-9
860	-4	0	3	10	16	23	30	39	50	63
870	70	66	54	37	3	-23	-68	-121	-144	-151
880	-147	-137	-122	-98	-68	-24	34	92	154	204
890	225	218	187	134	70	8	-61	-76	-86	-107
900	-111	-109	-107	-105	-101	-102	-105	-107	-105	-103
910	-99	-95	-95	-101	-111	-123	-134	-140	-130	-105
920	65	49	44	96	157	210	232	257	273	282
930	287	286	286	280	271	258	239	220	203	189
940	167	148	126	108	98	101	115	140	163	181
950	182	171	152	118	86	65	54	62	72	93
960	116	137	157	167	170	162	149	135	106	93
970	96	104	122	136	144	146	144	143	149	149
980	156	160	164	163	156	124	96	56	21	0
990	-16	-36	-45	-45	-50	-89	-112	-136	-160	-183
1000	-205	-217	-220	-219	-211	-204	-198	-180	-168	-160
1010	-154	-148	-144	-139	-137	-129	-125	-124	-124	-119
1020	-115	-102	-78	-45	-11	20	46	64	66	52

TO BE CONTINUED

CONTINUED ( S-1063 SB6E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	33	4	-14	-19	-10	7	30	59	88	107
1040	116	117	113	99	74	38	57	-57	-114	-160
1050	-197	-215	-211	-192	-163	-123	-79	-42	-16	-1
1060	3	-5	-28	-56	-84	-117	-144	-162	-190	-190
1070	-199	-198	-195	-200	-203	-208	-211	-212	-206	84
1080	-168	-163	-133	-98	-72	60	57	-60	-57	-57
1090	-53	-41	-12	24	63	105	143	188	226	254
1100	270	281	280	270	246	210	157	83	25	-43
1110	-94	-113	-107	-67	-16	30	94	141	178	189
1120	148	148	98	47	-42	-118	-180	-203	-270	-392
1130	-298	-289	-268	-241	-217	-177	-138	-102	-65	-46
1140	-3	-3	20	59	107	145	183	221	238	243
1150	230	209	164	142	108	84	49	16	-17	-53
1160	-99	-155	-209	-263	-303	-341	-369	-377	-375	-367
1170	-351	-317	-372	-218	-145	-52	39	114	194	262
1180	314	346	360	345	316	278	204	127	62	74
1190	-17	-19	-5	30	72	105	134	153	159	163
1200	171	177	184	196	207	218	220	207	177	176
1210	67	-2	-75	-137	-175	-184	-167	-130	-81	-27
1220	17	51	78	102	119	123	115	104	69	29
1230	-19	-59	-83	-87	-70	-37	0	37	75	110
1240	129	145	155	165	167	171	165	158	143	122
1250	91	82	103	133	158	177	199	233	238	248
1260	48	61	77	27	-2	-25	-30	-26	-15	-4
1270	261	273	292	326	355	389	428	458	466	458
1280	430	388	321	222	143	67	22	1	-7	3
1290	39	0	-15	-13	3	38	82	112	134	139
1300	125	102	80	53	29	11	-4	-16	-37	-51
1310	-63	-64	-64	-58	-43	-30	-15	-14	1	3
1320	-18	-41	-41	-41	-87	-112	-142	-174	-208	-242
1330	-276	-297	-305	-306	-309	-322	-282	-270	-240	-248
1340	-237	-224	-210	-200	-200	-207	-217	-237	-258	-268
1350	-254	-254	-224	-179	-135	-95	-58	-34	-28	-34
1360	22	80	136	180	205	210	193	152	88	7
1370	-93	-186	-271	-331	-361	-374	-363	-334	-295	-259
1380	-199	-179	-179	-161	-158	-162	-169	-182	-197	-214
1390	-252	-252	-252	-256	-255	-243	-220	-186	-153	-109
1400	-57	-59	39	95	136	171	191	211	217	211
1410	-231	-242	-242	-242	-242	-242	-242	-242	-242	-242
1420	309	205	212	221	239	264	296	324	352	380
1430	376	398	398	385	371	355	335	310	283	254
1440	327	199	155	137	78	36	4	-59	-57	-86
1450	-99	-103	-113	-117	-119	-124	-133	-144	-157	-167
1460	-176	-184	-184	-181	-165	-143	-113	-70	-29	-1
1470	40	40	47	44	38	31	26	31	42	60
1480	82	104	125	148	173	192	204	208	205	198
1490	167	166	126	76	20	-55	-131	-197	-240	-273
1500	-368	-398	-293	-281	-271	-260	-246	-226	-198	-164
1510	-124	-74	-24	-22	79	136	175	200	218	229
1520	231	224	217	204	190	172	153	135	120	106
1530	95	93	87	88	98	95	86	74	42	17
1540	-17	-53	-84	-107	-118	-128	-131	-125	-121	-111
1550	-40	-72	-80	-36	-21	-10	17	20	23	23

TO BE CONTINUED

CONTINUED ( S-1063 SB6E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	18	17	13	5	0	-2	-2	-3	-1	0
1580	0	2	3	7	10	11	11	10	25	31
1590	35	38	35	34	31	33	33	33	35	32
1600	67	89	110	124	133	137	134	129	112	88
1610	64	38	3	-30	-73	-106	-132	-145	-145	-140
1620	-136	-122	-114	-107	-103	-102	-104	-109	-114	-132
1630	-148	-159	-177	-194	-213	-222	-229	-231	-224	-224
1640	-218	-198	-173	-146	-114	-85	-56	-38	-28	-22
1650	-248	-26	-30	-32	-31	-26	-19	-19	-19	-16
1660	33	34	50	68	95	120	141	163	181	198
1670	209	217	217	213	212	212	209	205	202	202
1680	-203	-207	-207	-203	-203	-201	-198	-192	-182	-178
1690	175	176	178	176	173	170	163	155	145	142
1700	-138	-136	-134	-132	-128	-118	-95	-71	-38	-8
1710	21	51	72	79	86	104	120	127	132	132
1720	129	124	117	98	82	68	34	3	-12	-29
1730	-47	-53	-57	-48	-48	-38	-24	-13	-2	18
1740	64	69	105	133	161	186	215	237	260	275
1750	290	303	306	303	296	284	270	252	233	217
1760	203	199	196	195	203	213	226	235	240	242
1770	232	207	180	143	100	65	39	14	-3	-9
1780	-17	-23	-24	-21	-20	-19	-15	-10	-7	-6
1790	-7	-10	-14	-20	-24	-24	-23	-18	-10	-4
1800	2	11	25	41	53	64	72	73	70	67
1810	65	61	55	51	48	46	46	43	43	33
1820	10	-9	-24	-41	-50	-53	-48	-37	-20	-4
1830	6	14	12	5	-7	-25	-47	-66	-90	-112
1840	-131	-155	-176	-193	-206	-214	-224	-233	-238	-238
1850	-243	-244	-244	-250	-252	-253	-250	-243	-238	-228
1860	-211	-189	-188	-180	-171	-167	-160	-157	-158	-160
1870	-141	-168	-175	-186	-205	-219	-226	-231	-226	-212
1880	-194	-174	-143	-108	-88	-26	5	30	51	60
1890	54	54	43	35	29	25	22	28	36	42
1900	46	66	81	92	101	116	130	136	135	132
1910	129	129	123	117	113	110	108	104	100	96
1920	90	83	81	83	84	87	101	117	131	145
1930	164	177	184	185	180	169	146	117	86	53
1940	28	4	15	-16	-8	-1	9	29	51	69
1950	86	101	116	131	145	160	174	187	199	209
1960	219	227	233	235	232	227	214	198	187	175
1970	165	160	158	161	166	172	181	199	193	194
1980	190	187	175	161	141	123	105	86	75	73
1990	72	72	75	79	87	97	105	116	119	118
2000	110	93	83	65	28	-1	-27	-32	-32	-84
2010	-91	-100	-100	-104	-111	-118	-130	-140	-150	-168
2020	-185	-198	-207	-217	-231	-222	-216	-208	-198	-198
2030	-164	-165	-147	-129	-116	-96	-68	-40	-26	-26
2040	-15	-4	15	31	48	62	75	84	91	84
2050	100	107	102	100	99	97	93	92	92	93
2060	95	101	107	111	121	126	128	127	123	123
2070	116	109	102	90	76	63	52	37	27	17
2080	-6	-9	-13	-10	-16	-11	-4	6	22	38
2090	55	70	81	90	97	98	97	95	94	94
2100	94	95	97	100	107	119	132	145	164	183

TO BE CONTINUED



CONTINUED ( S-1063 SD&E )											CONTINUED ( S-1063 SD&E )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	49	209	214	212	204	192	172	141	113	80	2650	-38	-31	-21	-17	-11	-7	-3	0	0	-1
2120	138	19	-6	-19	-26	-37	-39	-45	-50	-55	2660	-2	0	-5	-7	-10	-12	-16	-19	-24	-26
2130	-62	-71	-81	-95	-113	-139	-163	-187	-208	-223	2670	-28	-29	-28	-27	-28	-23	-22	-20	-20	-27
2140	-236	-243	-248	-248	-248	-247	-248	-251	-251	-251	2680	-89	-33	-42	-51	-58	-68	-76	-80	-81	-81
2150	-233	-255	-256	-256	-246	-246	-245	-238	-215	-251	2690	-80	-79	-77	-75	-70	-65	-60	-56	-57	-34
2160	-201	-189	-176	-164	-156	-139	-106	-83	-62	-43	2700	-25	-15	-4	1	8	15	22	22	37	48
2170	66	93	95	67	30	51	67	79	85	93	2710	58	68	78	90	99	102	99	95	89	80
2180	90	93	95	94	94	95	95	98	104	105	2720	73	66	66	54	51	51	50	48	49	52
2190	108	108	99	95	90	89	91	92	92	92	2730	56	60	64	67	70	74	76	76	77	80
2200	62	95	95	97	99	99	99	95	90	91	2740	82	84	84	87	89	89	89	89	89	86
2210	82	78	74	74	72	68	64	62	59	57	2750	91	74	64	54	47	36	33	30	22	20
2220	54	52	47	41	34	28	19	9	0	-11	2760	20	20	20	20	17	16	13	9	5	2
2230	-22	-32	-44	-53	-61	-67	-69	-68	-65	-59	2770	-4	-10	-17	-26	-45	-61	-81	-98	-100	-100
2240	-51	-41	-28	-16	0	23	54	80	98	114	2780	-137	-148	-137	-148	-161	-170	-175	-182	-189	-195
2250	-158	-146	-136	-126	-116	-106	-96	-86	-76	-66	2790	-194	-191	-190	-187	-182	-175	-167	-166	-169	-163
2260	156	123	107	97	86	75	66	55	43	32	2800	-140	-136	-131	-126	-122	-119	-113	-106	-98	-92
2270	24	17	8	3	-3	-13	-26	-46	-69	-91	2810	-84	-71	-59	-48	-41	-33	-27	-18	-11	-3
2280	-112	-131	-146	-164	-180	-191	-196	-199	-199	-196	2820	2	10	21	37	56	69	82	95	102	110
2290	-189	-178	-170	-160	-148	-134	-119	-109	-98	-88	2830	116	118	119	118	114	111	111	106	99	95
2300	-86	-81	-74	-71	-71	-70	-66	-60	-56	-55	2840	94	85	79	71	63	55	48	43	36	30
2310	-51	-48	-45	-40	-38	-36	-37	-36	-36	-37	2850	17	5	-4	-13	-19	-22	-25	-26	-25	-22
2320	-43	-48	-54	-60	-67	-74	-81	-88	-94	-99	2860	-18	-13	-11	-11	-10	-9	-9	-11	-15	-15
2330	-21	-7	2	10	16	20	18	15	11	4	2870	-13	-8	-6	-6	-6	-5	-4	-3	-2	-1
2340	-6	-20	-35	-51	-60	-70	-78	-84	-91	-92	2880	-1	0	1	1	3	3	0	-2	-4	-6
2350	-92	-92	-94	-104	-108	-115	-126	-132	-143	-145	2890	-13	-18	-22	-22	-22	-20	-20	-19	-20	-21
2360	-149	-154	-157	-160	-161	-165	-166	-166	-166	-163	2900	-32	-25	-27	-33	-36	-42	-45	-48	-50	-50
2370	-156	-155	-150	-141	-136	-129	-121	-113	-105	-95	2910	-49	-45	-41	-36	-32	-29	-25	-17	-9	-3
2380	-84	-72	-61	-51	-37	-22	7	7	15	21	2920	3	9	16	23	30	36	39	37	40	40
2390	26	31	36	43	54	64	76	91	107	120	2930	40	35	33	29	19	14	10	3	-2	-4
2400	130	137	140	142	140	136	131	122	108	89	2940	-3	-2	-2	-2	-2	-2	-2	-3	-5	-9
2410	69	49	34	17	2	-10	-23	-32	-42	-55	2950	-12	-12	-15	-15	-15	-13	-12	-13	-17	-18
2420	-67	-80	-91	-99	-108	-112	-113	-116	-118	-123	2960	-18	-16	-16	-16	-16	-16	-16	-16	-12	8
2430	-129	-139	-154	-168	-184	-201	-215	-229	-238	-238	2970	8	13	16	19	20	20	20	21	26	33
2440	-234	-228	-220	-211	-199	-184	-170	-157	-142	-128	2980	4	0	-2	-7	-13	-22	-21	-26	-33	-42
2450	-109	-93	-74	-57	-43	-29	-23	-18	-14	-8	2990	-51	-61	-68	-74	-80	-81	-80	-79	-76	-70
2460	-3	0	0	4	8	13	16	20	25	31	3000	-63	-53	-45	-39	-31	-22	-14	-5	4	12
2470	37	42	45	52	58	64	66	65	62	61	3010	20	24	26	28	26	25	25	26	30	33
2480	61	64	64	69	72	76	88	99	109	122	3020	37	41	42	47	58	65	73	81	89	95
2490	133	138	142	142	144	148	149	147	147	148	3030	101	107	115	119	121	121	117	114	110	106
2500	145	143	144	146	147	147	145	141	137	130	3040	103	96	88	80	71	60	48	34	23	16
2510	115	98	88	75	65	55	52	52	55	55	3050	9	4	4	8	13	15	18	20	24	24
2520	58	63	68	74	78	82	85	87	95	99	3060	24	24	23	16	14	13	10	9	7	2
2530	99	97	94	94	90	82	77	73	66	62	3070	-4	-6	-6	-6	-6	-6	-7	-8	-8	-9
2540	47	38	31	19	6	-4	-12	-21	-29	-35	3080	-4	-6	-6	-6	-6	-6	-7	-8	-8	-8
2550	-43	-48	-52	-53	-53	-50	-46	-40	-34	-24	3090	-81	-78	-76	-75	-72	-71	-71	-71	-73	-78
2560	-7	6	20	38	61	81	95	106	114	121	3100	-82	-78	-75	-75	-72	-71	-71	-69	-73	-78
2570	126	126	122	118	116	113	110	106	102	97	3110	-106	-106	-106	-112	-119	-126	-130	-130	-130	-130
2580	96	97	95	100	102	109	115	122	130	134	3120	-127	-125	-121	-119	-115	-110	-107	-104	-95	-87
2590	137	135	134	131	127	124	116	101	87	79	3130	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
2600	68	59	55	58	58	58	56	57	53	53	3140	-76	-74	-74	-72	-71	-70	-67	-63	-59	-54
2610	46	41	33	20	12	2	-14	-28	-43	-54	3150	-35	-26	-16	-8	-4	4	11	19	26	44
2620	-68	-75	-81	-87	-96	-99	-103	-106	-106	-105	3160	24	21	17	12	12	18	24	26	26	44
2630	-103	-100	-96	-89	-79	-71	-62	-57	-51	-48	3170	50	58	65	68	75	81	85	85	85	86
2640	-51	-54	-55	-57	-60	-60	-57	-57	-50	-46	3180	85	82	82	84	86	86	86	88	94	98

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1063 S06E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	101	104	108	113	120	127	132	135	135	133
3200	84	130	128	126	124	117	108	102	95	71
3210	37	78	75	71	64	60	50	43	37	31
3220	20	12	5	-1	-9	-16	-23	-27	-30	-38
3230	-41	-43	-47	-49	-53	-57	-61	-64	-67	-68
3240	-74	-75	-75	-75	-80	-83	-85	-89	-92	-96
3250	-95	-92	-92	-89	-86	-78	-59	-53	-46	-37
3260	-24	-9	0	10	16	22	29	34	35	34
3270	42	47	52	57	63	67	70	72	72	71
3280	69	66	66	64	62	58	56	59	63	65
3290	68	70	73	79	84	89	94	100	102	102
3300	103	102	100	99	99	99	98	96	96	94
3310	90	84	77	73	70	65	62	63	64	68
3320	70	71	73	73	73	71	71	70	68	68
3330	65	57	51	44	35	26	17	5	-7	-17
3340	-24	-31	-37	-40	-39	-37	-37	-36	-32	-28
3350	-23	-19	-19	-19	-16	-11	-12	-14	-18	-26
3360	-34	-38	-45	-52	-60	-66	-71	-75	-80	-82
3370	-85	-89	-92	-97	-98	-98	-94	-90	-84	-80
3380	-79	-74	-70	-60	-51	-40	-34	-32	-29	-22
3390	-15	-15	-16	-13	-13	-12	-10	-8	-9	-9
3400	-6	-7	-6	-4	-1	2	12	19	28	32
3410	41	48	52	54	57	56	56	56	47	44
3420	39	33	26	21	16	12	8	2	-3	-7
3430	-12	-17	-22	-28	-34	-39	-44	-48	-53	-55
3440	-58	-60	-63	-62	-60	-58	-55	-51	-46	-40
3450	-33	-28	-24	-20	-14	-8	-4	-3	-1	1
3460	3	4	5	6	5	3	0	-3	-8	-14
3470	-18	-24	-32	-37	-42	-46	-50	-55	-60	-65
3480	-70	-76	-79	-81	-83	-85	-90	-93	-95	-97
3490	-99	-102	-105	-107	-109	-109	-109	-109	-109	-109
3500	-109	-109	-108	-107	-101	-98	-94	-88	-83	-76
3510	-65	-55	-44	-35	-26	-19	-10	-2	0	0
3520	4	7	7	13	17	21	22	24	27	33
3530	35	37	40	43	46	49	51	53	55	56
3540	53	55	58	59	61	63	64	65	70	71
3550	72	73	73	68	66	62	58	54	47	39
3560	28	21	12	2	-5	-9	-13	-16	-16	-16
3570	-16	-14	-10	2	-2	-1	4	-16	-13	16
3580	17	19	23	26	27	30	33	37	37	41
3590	44	50	53	54	54	54	55	57	60	62
3600	64	68	72	77	82	88	94	99	104	110
3610	135	119	123	128	131	133	135	139	142	146
3620	169	152	154	151	147	146	144	143	139	137
3630	132	129	124	119	115	108	103	98	96	89
3640	82	76	70	59	50	39	29	21	14	7
3650	1	-3	-6	-12	-15	-20	-25	-32	-36	-40
3660	-65	-53	-57	-60	-61	-64	-64	-64	-66	-66
3670	-67	-70	-71	-77	-80	-81	-84	-86	-88	-91
3680	-104	-105	-107	-108	-108	-108	-107	-106	-104	-101
3690	-96	-92	-89	-88	-84	-81	-74	-70	-70	-68
3700	-68	-68	-68	-67	-67	-67	-67	-67	-67	-67
3710	-70	-73	-73	-70	-68	-64	-60	-52	-43	-37
3720	-30	-25	-13	-4	8	21	34	48	57	64

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1063 806E )			CONTINUED ( S-1063 806E )						
NO. ( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	72	78	86	94	100	107	113	115	122
4280	128	130	133	136	139	142	147	148	148
4290	153	162	169	175	176	179	180	180	173
4300	173	172	172	172	168	168	169	167	164
4310	161	158	154	149	145	142	138	136	135
4320	135	135	137	137	136	134	134	131	127
4330	122	116	113	111	108	106	105	100	97
4340	85	79	74	68	64	60	57	55	55
4350	55	55	56	56	56	55	52	50	47
4360	39	29	19	11	5	0	-3	-4	-4
4370	8	-14	-16	-17	-21	-31	-42	-56	-60
4380	-66	-70	-73	-75	-75	-75	-75	-75	-75
4390	-75	-75	-75	-76	-77	-77	-77	-81	-85
4400	-88	-89	-89	-89	-89	-89	-89	-89	-89
4410	-88	-95	-92	-91	-91	-90	-88	-88	-89
4420	-89	-90	-90	-90	-90	-90	-88	-86	-82
4430	-77	-74	-71	-68	-65	-63	-66	-67	-67
4440	-65	-61	-52	-53	-54	-60	-61	-61	-63
4460	-66	-67	-68	-68	-70	-71	-74	-77	-81
4470	-81	-81	-81	-81	-79	-78	-78	-78	-79
4480	-80	-80	-81	-81	-81	-81	-81	-77	-70
4490	-64	-56	-48	-40	-33	-27	-21	-14	-9
4500	-1	6	16	26	33	42	55	67	75
4510	81	85	87	90	93	95	96	96	96
4520	96	97	99	101	104	105	106	106	107
4530	109	109	109	109	109	109	110	112	113
4540	113	114	117	119	121	124	126	128	129
4550	130	130	126	123	121	116	111	106	98
4560	85	85	82	83	80	79	78	76	75
4570	72	70	65	62	61	58	55	54	52
4580	36	32	29	22	17	13	7	2	1
4590	2	2	0	0	0	0	0	0	0
4600	2	3	3	3	3	3	3	4	4
4610	4	4	4	4	6	12	18	22	24
4620	33	34	38	42	44	45	46	47	48
4630	49	49	48	48	48	47	44	38	34
4640	31	25	17	10	6	2	0	0	0
4650	-11	-17	-21	-24	-27	-29	-31	-34	-36
4660	-49	-52	-53	-53	-57	-64	-70	-76	-78
4670	-81	-84	-85	-84	-82	-81	-80	-79	-77
4680	-73	-70	-70	-70	-69	-68	-68	-65	-62
4690	-60	-60	-59	-56	-55	-54	-52	-51	-50
4700	-46	-44	-40	-39	-38	-35	-34	-36	-34
4710	-27	-25	-21	-20	-20	-20	-21	-23	-25
4720	-27	-28	-28	-28	-28	-28	-29	-29	-29
4730	-28	-27	-27	-26	-26	-26	-26	-26	-24
4740	-35	-37	-38	-38	-37	-37	-36	-35	-34
4750	-30	-29	-28	-27	-27	-26	-24	-23	-21
4760	-15	-11	-9	-6	-4	-3	-1	1	1
4770	22	26	30	33	34	34	37	38	41
4780	42	42	42	42	42	42	42	41	39
4790	36	34	32	31	31	31	29	25	23
4800	33	34	36	39	42	44	49	51	52

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-10&3 SD&E )

CONTINUED( S-10&3 SD&E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	-35	-33	-32	-31	-30	-30	-30	-28	-27	-27
5360	-27	-27	-24	-24	-24	-24	-24	-17	-16	-16
5370	-14	-11	-10	-7	-5	-3	-2	-2	-2	-2
5380	-5	-6	-7	-9	-10	-9	-8	9	9	9
5390	-4	-3	-3	-2	-1	0	1	2	2	2
5400	12	14	17	20	21	22	24	25	23	22
5410	21	20	19	17	15	13	12	9	3	2
5420	-2	-6	-9	-14	-19	-23	-26	-27	-28	-31
5430	-24	-26	-34	-33	-30	-29	-26	-24	-23	-24
5440	-22	-20	-21	-22	-25	-25	-28	-29	-30	-30
5450	-31	-31	-32	-32	-30	-29	-28	-27	-25	-25
5460	-20	-19	-14	-9	-4	0	4	10	12	15
5470	17	17	17	20	22	25	25	25	25	25
5480	28	28	31	34	37	39	42	46	49	49
5490	55	55	56	58	59	59	61	61	61	61
5500	61	61	61	61	61	61	62	61	62	62
5510	60	56	55	55	55	55	53	52	51	51
5520	51	48	45	45	42	41	40	38	36	32
5530	27	26	24	22	19	18	16	15	15	15
5540	15	15	17	19	20	21	21	21	20	16
5550	15	15	15	14	14	13	12	10	10	10
5560	10	8	7	6	5	5	5	5	4	3
5570	3	1	0	-1	-2	-2	-1	-7	-10	-13
5580	-16	-17	-19	-20	-19	-21	-21	-25	-27	-33
5590	-36	-36	-35	-35	-35	-32	-32	-30	-27	-25
5600	-24	-26	-28	-28	-28	-24	-23	-21	-19	-19
5610	-20	-20	-17	-16	-16	-13	-12	-12	-15	-17
5620	-33	-33	-33	-33	-30	-27	-26	-24	-23	-34
5630	-37	-34	-33	-32	-31	-30	-31	-30	-31	-33
5640	-37	-34	-32	-31	-29	-27	-27	-27	-35	-37
5650	-34	-31	-29	-27	-29	-36	-37	-38	-37	-37
5660	-36	-36	-36	-35	-35	-35	-32	-31	-30	-26
5670	-24	-20	-15	-10	-7	-5	0	1	3	6
5680	10	13	16	19	22	24	27	30	33	35
5690	35	35	35	35	35	35	35	35	35	35
5700	34	34	32	31	30	28	25	24	24	23
5710	22	21	20	20	18	16	14	12	7	3
5720	2	1	0	0	0	0	0	-3	-6	-8
5730	-10	-8	-5	-2	0	0	-1	-4	-6	-5
5740	-2	0	1	3	3	3	4	6	5	3
5750	2	0	-2	-3	0	4	7	11	11	10
5760	9	6	1	0	2	4	8	15	16	14
5770	11	6	1	0	6	11	15	21	23	22
5780	20	17	17	17	17	21	24	25	25	19
5790	18	16	15	15	15	15	15	15	14	14
5800	20	20	16	14	13	14	16	17	17	14
5810	12	10	8	7	10	13	15	16	16	16
5820	14	11	9	8	7	9	12	12	12	12
5830	11	8	6	5	5	5	5	5	8	10
5840	11	12	13	14	15	16	16	16	15	15
5850	15	17	19	21	19	18	17	16	17	17
5860	17	18	20	22	23	23	24	24	23	23
5870	24	24	24	24	24	24	24	24	23	21
5880	19	18	17	17	16	15	12	11	9	9

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1063 SOB6 )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6430	7	7	7	8	8	7	7	7	8	9
6440	10	10	10	10	11	12	12	12	11	11
6450	10	9	9	10	9	10	9	7	6	4
6460	3	2	2	2	2	1	1	2	3	5
6470	7	8	9	11	13	13	13	13	13	13
6480	11	11	12	13	14	14	14	14	14	15
6490	17	16	20	22	22	22	22	23	21	18
6500	15	13	11	9	7	5	4	2	1	0
6510	-2	-4	-4	-6	-8	-6	-6	-3	-2	-2
6520	-2	-2	-2	-2	-1	0	0	0	0	0
6530	0	0	0	0	0	0	0	-2	-3	-3
6540	-5	-8	-9	-12	-11	-12	-12	-13	-13	-9
6550	-13	-13	-13	-12	-12	-15	-16	-20	-20	-9
6560	-11	-11	-17	-12	-12	-15	-16	-20	-20	-9
6570	-20	-20	-13	-16	-15	-13	-12	-11	-9	-8
6580	-9	-8	-8	-8	-8	-8	-8	-8	-8	-8
6590	-8	-9	-9	-9	-10	-11	-13	-13	-12	-12
6600	-13	-15	-16	-16	-16	-16	-17	-18	-17	-18
6610	-20	-20	-20	-21	-22	-23	-23	-23	-23	-23
6620	-23	-23	-23	-22	-19	-18	-17	-16	-14	-12
6630	-9	-8	-7	-5	-3	-2	-1	-1	-1	-2
6640	-2	-2	-4	-4	-5	-5	-6	-6	-6	-6
6650	-6	-4	-2	0	0	0	1	1	1	1
6660	1	1	2	2	2	4	4	4	4	4
6670	4	4	4	5	5	5	5	5	5	5
6680	5	5	6	7	7	8	9	10	10	10
6690	10	10	10	11	11	12	12	12	11	12
6700	12	12	12	12	13	13	13	13	12	11
6710	11	11	11	12	10	10	9	9	8	8
6720	7	5	4	4	3	2	0	0	0	-2
6730	-4	-4	-7	-7	-1	0	0	1	3	4
6740	3	6	7	9	10	12	15	17	17	17
6750	17	18	18	18	17	18	18	18	17	18
6760	17	16	15	14	13	13	12	11	10	8
6770	6	4	3	3	4	3	0	-3	-4	-4
6780	-5	-6	-7	-8	-10	-10	-10	-10	-13	-13
6790	-15	-15	-15	-15	-16	-16	-17	-17	-17	-17
6800	-21	-21	-22	-23	-23	-24	-23	-24	-25	-25
6810	-26	-28	-28	-28	-28	-28	-28	-27	-27	-27
6820	-27	-27	-27	-29	-31	-34	-34	-35	-38	-40
6830	-42	-44	-44	-45	-47	-48	-50	-51	-54	-54
6840	-58	-58	-58	-58	-58	-58	-58	-54	-41	-40
6850	-51	-49	-47	-44	-42	-41	-41	-41	-24	-24
6860	-40	-40	-40	-36	-35	-34	-29	-26	-4	-1
6870	-23	-20	-20	-17	-17	-17	-16	-4	-4	1
6880	0	0	1	4	10	11	12	13	14	13
6890	16	17	19	20	24	28	30	31	32	34
6900	35	37	38	38	38	39	40	40	41	43
6910	43	44	45	45	45	46	47	48	47	48
6920	48	49	51	52	52	52	52	52	53	53
6930	53	53	53	52	52	51	51	51	50	49
6940	48	48	47	47	46	47	47	47	48	48
6950	48	47	46	46	44	44	43	41	38	35
6960	33	32	30	27	25	25	22	22	20	20

TO BE CONTINUED

CONTINUED ( S-1063 SOB6 )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6970	19	19	17	17	21	19	19	16	14	12
6980	11	11	8	8	7	7	7	7	7	6
6990	17	6	5	2	0	0	-2	-2	-5	-8
7000	-11	-12	-13	-13	-13	-13	-16	-16	-16	-16
7010	-16	-19	-20	-20	-20	-20	-20	-20	-20	-20
7020	-20	-21	-22	-22	-20	-19	-18	-19	-17	-16
7030	-15	-15	-15	-15	-15	-13	-12	-11	-10	-10
7040	-10	-9	-8	-8	-7	-7	-6	-6	-8	-9
7050	-9	-12	-14	-16	-18	-20	-22	-23	-24	-26
7060	-29	-31	-33	-37	-51	-51	-51	-44	-45	-46
7070	-48	-50	-51	-51	-51	-51	-51	-51	-51	-50
7080	-48	-47	-47	-47	-47	-46	-44	-44	-45	-44
7090	-43	-41	-40	-39	-40	-38	-36	-34	-32	-30
7100	-25	-22	-20	-20	-18	-16	-14	-13	-11	-9
7110	-9	-8	-8	-8	-8	-8	-9	-8	-7	-7
7120	-8	-8	-8	-8	-8	-8	-8	-8	-7	-8
7130	-9	-10	-10	-10	-11	-10	-13	-13	-13	-13
7140	-13	-14	-14	-14	-14	-13	-12	-12	-12	-13
7150	-11	-9	-10	-9	-10	-9	-9	-9	-8	-6
7160	-4	-2	-1	0	0	0	0	0	0	0
7170	0	0	0	0	0	0	0	0	0	0
7180	0	0	0	0	0	0	0	0	0	0
7190	0	0	0	0	0	0	0	0	0	0
7200	2	2	2	2	2	2	2	2	4	7
7210	8	9	10	11	12	11	11	11	12	14
7220	15	15	16	17	17	18	20	22	24	25
7230	26	28	29	32	33	34	35	37	37	29
7240	37	37	37	36	33	31	31	31	29	27
7250	26	26	26	28	28	27	27	27	27	27
7260	24	24	24	24	24	24	25	25	23	21
7270	21	19	18	18	18	17	16	14	14	14
7280	13	12	10	11	10	8	7	7	5	4
7290	3	4	4	4	3	3	3	3	3	1
7300	1	1	1	1	1	0	0	0	0	0
7310	0	0	0	0	-2	-3	-3	-3	-3	-3
7320	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
7330	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7340	3	3	3	3	3	3	3	3	3	3
7350	3	3	3	3	3	3	3	3	3	3
7360	3	4	3	3	4	4	5	5	8	8
7370	10	12	12	14	16	16	16	16	16	16
7380	16	16	14	11	11	10	10	10	10	10
7390	10	12	13	13	15	15	15	16	15	14
7400	13	13	13	13	12	10	11	12	13	15
7410	15	15	16	16	16	15	15	15	15	14
7420	13	15	15	15	14	14	14	14	16	16
7430	15	16	15	16	15	16	16	16	16	16
7440	14	14	12	11	10	9	9	9	9	8
7450	9	9	9	7	6	6	6	6	6	5
7460	4	2	2	1	-1	-1	-4	-4	-5	-7
7470	-9	-11	-15	-18	-20	-20	-20	-22	-25	-24
7480	-26	-29	-31	-33	-35	-38	-40	-40	-42	-42
7490	-46	-49	-51	-52	-52	-52	-52	-52	-52	-52
7500	-52	-52	-52	-51	-48	-48	-48	-48	-48	-48

TO BE CONTINUED

CONTINUED( S-1063 SQ6E )		CONTINUED( S-1063 SQ6F )	
NO. ( 1 )	( 2 )	NO. ( 1 )	( 2 )
7510	-43	8050	-2
7520	-34	8060	-7
7530	-33	8070	-1
7540	-25	8080	-3
7550	-26	8090	0
7560	-22	8100	0
7570	-22	8110	-4
7580	-19	8120	-4
7590	-6	8130	-4
7600	-1	8140	-5
7610	-1	8150	-6
7620	5	8160	-6
7630	11	8170	8
7640	18	8180	20
7650	18	8190	30
7660	8	8200	34
7670	7	8210	34
7680	15	8220	33
7690	25	8230	20
7700	23	8240	18
7710	24	8250	21
7720	14	8260	26
7730	14	8270	35
7740	14	8280	19
7750	17	8290	10
7760	17	8300	-4
7770	3	8310	-9
7780	-5	8320	-11
7790	-1	8330	-10
7800	-3	8340	-9
7810	-13	8350	-12
7820	-20	8360	-14
7830	-23	8370	-14
7840	-25	8380	-5
7850	-17	8390	6
7860	-4	8400	14
7870	4	8410	15
7880	4	8420	18
7890	24	8430	16
7900	46	8440	25
7910	47	8450	28
7920	41	8460	22
7930	37	8470	11
7940	28	8480	1
7950	8	8490	-2
7960	-2	8500	-6
7970	-3	8510	-6
7980	-11	8520	-2
7990	-11	8530	5
8000	-10	8540	5
8010	-10	8550	-18
8020	-9	8560	-3
8030	-9	8570	-1
8040	-10	8580	-1
	-10		20
	4		21
	5		22
	4		23
	4		24
	0		25
	0		26
	4		27
	4		28
	4		29
	4		30
	4		31
	4		32
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	4		79
	4		80
	4		81
	4		82
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TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1063 S06E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
9130	19	19	19	19	22	24	24	25	26	28
9140	31	31	31	31	33	36	37	37	38	38
9150	38	38	38	40	40	41	41	41	43	44
9160	44	45	45	45	45	45	45	45	43	41
9170	40	37	35	32	29	25	21	19	16	15
9180	14	13	13	12	11	11	11	11	11	11
9190	11	11	11	11	11	11	11	11	11	9

END

CONTINUED( S-1063 S06E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8590	18	17	17	17	14	11	11	10	12	14
8600	18	21	22	22	23	27	29	31	32	31
8610	28	26	23	19	16	10	4	5	5	8
8620	9	9	7	7	9	10	10	14	17	18
8630	19	22	25	25	19	15	7	1	-6	-9
8640	-13	-13	-12	-9	-6	-1	2	7	8	10
8650	12	12	11	5	1	-7	-12	-16	-20	-23
8660	-21	-18	-15	-10	-3	3	9	11	10	7
8670	4	1	-2	-5	-11	-13	-15	-16	-17	-16
8680	-19	-17	-13	-11	-9	-7	-5	-4	-5	-7
8690	-8	-11	-14	-14	-14	-16	-14	-10	-7	-4
8700	-3	-2	-2	-3	-5	-7	-8	-11	-12	-15
8710	-16	-17	-18	-19	-20	-20	-17	-14	-12	-12
8720	-12	-11	-10	-8	-8	-5	0	0	2	4
8730	4	0	-1	-2	-6	-9	-12	-13	-10	-7
8740	-3	0	2	6	10	13	14	12	11	7
8750	3	1	-1	-2	-5	-8	-10	-4	-3	4
8760	10	16	21	24	26	29	31	32	30	31
8770	30	30	30	30	30	31	29	23	20	16
8780	19	18	16	14	13	16	21	24	29	33
8790	34	33	34	34	33	33	34	33	34	34
8800	33	35	33	33	30	30	33	34	34	34
8810	34	33	32	30	30	28	27	26	27	29
8820	34	36	39	41	43	44	43	41	40	37
8830	34	34	34	33	33	33	34	34	33	33
8840	34	34	34	35	32	30	28	27	27	26
8850	27	28	28	27	27	28	29	26	24	22
8860	21	21	20	18	16	14	13	13	12	11
8870	10	9	7	5	3	2	2	0	-1	-2
8880	-5	-6	-6	-6	-7	-7	-7	-6	-7	-6
8890	-7	-7	-8	-10	-10	-9	-11	-12	-13	-15
8900	-18	-20	-21	-23	-26	-27	-26	-25	-23	-22
8910	-18	-15	-14	-11	-9	-9	-8	-8	-8	-8
8920	-6	-3	-1	0	0	0	0	0	1	2
8930	7	7	6	6	6	6	5	3	3	3
8940	0	0	0	0	2	4	5	10	14	17
8950	20	20	17	13	14	13	11	10	4	2
8960	3	3	3	4	6	8	10	12	13	14
8970	14	14	15	14	14	12	12	12	12	12
8980	12	12	13	14	15	16	17	17	18	20
8990	20	20	19	20	19	20	20	19	17	16
9000	16	15	17	19	21	24	26	28	30	33
9010	15	16	16	16	16	16	16	16	16	16
9020	26	24	23	23	23	23	23	23	23	23
9030	20	16	10	5	0	-4	-8	-11	-11	-11
9040	-11	-10	-8	-5	-3	-1	0	0	0	0
9050	-2	-4	-6	-9	-11	-13	-14	-14	-14	-14
9060	-15	-15	-15	-13	-11	-10	-10	-10	-11	-14
9070	-17	-17	-17	-18	-19	-22	-22	-25	-24	-24
9080	-22	-21	-20	-17	-15	-14	-13	-14	-16	-18
9090	-18	-18	-17	-17	-18	-18	-17	-14	-11	-9
9100	-8	-7	-5	-4	0	5	8	12	13	12
9110	13	13	14	14	18	19	19	19	19	18
9120	18	19	19	19	19	19	19	19	19	19

TO BE CONTINUED

RECORD = S-1063 COMPONENT = ED6N STATION = SHIMIZU-KOJYO-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 9200  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR-ACC.  
 CONNECTION POINT IN DATA NUMBER = 4707, 9200.

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
10	-6	-4	-3	-2	-1	0	0	0	0	0
20	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	0	0	0	0
40	-1	-3	-4	-6	-7	-7	-7	-7	-7	-7
50	-8	-6	7	7	8	7	6	4	4	3
60	6	6	7	7	8	7	6	4	4	3
70	2	2	3	5	5	3	2	0	0	0
80	10	9	7	-7	-7	-7	-7	-7	-7	-7
90	-6	-7	-7	-7	-7	-7	-7	-7	-7	-7
100	-10	-10	-10	-9	-7	-4	0	3	7	8
110	9	12	14	15	16	14	11	10	8	7
120	6	5	6	7	8	10	11	14	16	16
130	16	15	12	11	10	9	7	6	5	5
140	4	2	1	0	-3	-5	-9	-13	-17	-19
150	-21	-22	-23	-21	-20	-21	-21	-19	-18	-16
160	-15	-16	-18	-19	-22	-26	-29	-28	-24	-24
170	-19	-13	-7	0	1	3	2	1	0	-1
180	-2	-3	-3	-3	-3	-3	-4	-4	-7	-7
190	-8	-10	-12	-14	-18	-24	-33	-38	-41	-36
200	-31	-24	-20	-17	-15	-14	-16	-17	-17	-20
210	-22	-25	-22	-16	-12	-7	-2	0	3	5
220	4	1	-3	-6	-7	-7	-7	-7	-6	-4
230	-2	0	3	5	6	7	1	-3	-7	-12
240	-16	-21	-21	-23	-17	-10	-4	0	1	2
250	-29	-29	-27	-24	-17	-10	-4	0	1	2
260	2	2	3	3	0	-3	-7	-10	-13	-14
270	-13	-8	-1	5	12	19	24	25	23	21
280	18	14	14	14	14	13	14	15	17	19
290	22	26	29	30	29	26	21	13	4	-1
300	-4	-7	-10	-12	-13	-14	-14	-16	-17	-17
310	-15	-7	0	8	16	27	37	46	53	55
320	54	47	43	37	30	21	9	0	-8	-12
330	-12	-12	-12	-12	-13	-16	-19	-21	-23	-25
340	-27	-26	-24	-23	-22	-21	-23	-27	-32	-35
350	-35	-34	-31	-28	-23	-18	-5	9	20	35
360	34	32	27	22	19	14	-5	9	2	-1
370	-2	0	5	9	17	25	30	31	26	19
380	-48	-51	-52	-52	-50	-44	-35	-27	-21	-16
390	-12	-9	-7	-5	-5	-4	-6	-7	-8	-6
400	-12	-4	1	8	13	16	16	13	10	0
410	-4	-1	-17	-16	-15	-12	-7	-3	0	1
420	-11	3	5	3	2	3	3	3	2	0
430	3	5	5	3	2	0	-2	-2	-2	-1
440	-3	-5	-3	-5	-8	-11	-12	-15	-17	-18
450	-1	-2	-3	-5	-8	-11	-14	-16	-16	19
460	-19	-19	-19	-19	-17	-14	-6	7	16	19
470	22	22	19	15	15	13	12	10	9	5
480	2	0	-2	-2	-5	-7	-6	-3	-1	1

TO BE CONTINUED

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CONTINUED ( S-1063 )

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
1030	-18	31	74	125	186	252	335	228	315	1570	-97	-97	-91	-86	-87	-94	-109	-156	-219
1040	201	193	189	185	179	156	120	81	44	20	-255	-285	-297	-295	-287	-272	-262	-200	-249
1050	9	10	30	66	116	174	239	307	376	1590	-13	44	90	133	172	191	197	183	164
1060	341	345	356	316	284	248	204	170	163	1464	1600	127	114	112	126	152	156	166	175
1070	173	193	209	240	282	301	315	316	305	264	1610	175	172	165	161	155	148	143	137
1080	264	254	182	153	122	110	102	100	105	109	1620	142	147	153	159	163	164	159	153
1090	115	123	129	137	150	167	186	202	221	238	1630	130	107	79	53	31	14	0	-9
1100	245	241	229	182	130	74	16	-37	-97	-137	1640	14	-16	-17	-16	-13	-9	-4	3
1110	-156	-176	-190	-191	-183	-170	-151	-125	-97	-83	1650	34	54	81	116	146	172	189	199
1120	-75	-75	-82	-93	-110	-118	-133	-125	-119	-108	1660	143	99	50	-2	-45	-38	-117	-131
1130	-91	-64	-34	-6	0	-9	-39	-80	-138	-210	1670	135	118	-86	-40	-2	36	75	107
1140	-307	-416	-506	-595	-684	-843	-660	-808	-950	-1050	1680	135	133	125	118	112	105	101	106
1150	-487	-598	-736	-901	-1150	-152	-28	84	124	174	1690	122	134	138	137	136	120	112	102
1160	222	245	262	283	295	310	353	392	418	449	1700	100	103	114	124	141	143	177	192
1170	-66	-159	-235	-279	-341	-325	-345	-373	-397	-419	1710	202	202	199	198	195	182	186	176
1180	-438	-448	-445	-429	-398	-342	-286	-233	-130	-62	1720	141	103	69	55	41	0	-6	-4
1190	31	123	193	242	292	330	366	270	217	222	1730	13	69	46	6	3	12	23	37
1200	183	189	147	115	72	38	7	-13	-44	-69	1740	121	137	146	151	149	137	123	104
1210	-76	-73	-63	-52	-37	-23	-16	-12	-13	-14	1750	38	7	-16	-38	-61	-75	-81	-84
1220	-16	-17	-22	-26	-38	-56	-86	-113	-120	-126	1760	-54	-35	-14	5	24	46	66	82
1230	-131	-96	-55	-15	34	95	144	166	164	141	1770	94	62	64	55	51	48	49	56
1240	77	7	-72	-145	-233	-352	-333	-330	-309	-309	1780	105	116	114	107	95	75	37	7
1250	-273	-234	-192	-150	-111	-77	-60	-48	-36	-22	1790	-53	-67	-66	-65	-59	-47	-33	-16
1260	-4	13	38	69	97	111	117	117	104	77	1800	16	34	56	90	129	157	187	205
1270	55	38	10	-19	-56	-63	-65	-65	-65	-43	1810	174	133	77	18	-34	-101	-177	-231
1280	-7	8	19	21	15	2	-15	-30	-37	-43	1820	-319	-330	-312	-297	-262	-237	-190	-153
1290	-32	-6	61	109	173	214	243	271	281	279	1830	-26	-9	-1	-6	-26	-53	-91	-127
1300	272	293	230	203	177	154	133	119	109	101	1840	-196	-227	-241	-240	-229	-212	-184	-149
1310	99	96	93	86	84	81	78	73	63	49	1850	-30	-10	3	3	0	-5	-19	-38
1320	44	45	45	46	47	58	16	-14	-67	-127	1860	-58	-65	-69	-69	-73	-76	-81	-81
1330	-149	-171	-184	-193	-188	-172	-145	-114	-78	-44	1870	-68	-58	-66	-35	-23	-12	-6	-8
1340	-13	12	34	52	63	70	78	83	83	83	1880	-12	-18	-26	-21	-24	-19	-15	-11
1350	80	71	53	30	9	-18	-46	-69	-90	-105	1890	5	-5	-5	0	8	18	28	41
1360	-117	-126	-130	-127	-119	-111	-105	-105	-112	-121	1900	82	93	108	118	125	133	143	152
1370	-134	-152	-166	-165	-150	-139	-92	-146	-149	-140	1910	182	186	189	188	186	183	176	169
1380	64	71	68	51	37	27	119	157	188	209	1920	134	134	134	136	158	161	162	161
1390	-211	-225	-231	-231	-228	-216	-200	-183	-164	-150	1930	139	137	119	109	96	62	30	15
1400	-140	-130	-125	-128	-129	-131	-138	-159	-187	-209	1940	-32	-55	-72	-78	-81	-76	-70	-65
1410	-237	-239	-240	-235	-235	-231	-226	-224	-224	-224	1950	-56	-55	-58	-63	-69	-77	-88	-105
1420	104	134	156	181	205	191	151	104	-51	-1	1960	137	142	144	143	140	136	132	129
1430	186	129	20	-73	-184	-286	-387	-446	-461	-494	1970	166	163	177	177	190	199	205	206
1440	-486	-455	-401	-335	-270	-206	-133	-84	-58	-15	1980	-193	-186	-178	-166	-153	-142	-131	-121
1450	25	40	45	49	53	54	55	56	56	56	1990	-68	-50	-35	-22	-10	-3	6	11
1460	60	64	73	83	98	123	145	166	183	196	2000	49	15	10	5	-4	-15	-31	-48
1470	209	224	232	230	224	212	188	163	137	103	2010	-69	-72	-76	-77	-76	-75	-69	-60
1480	68	41	19	-2	-22	-46	-64	-74	-76	-71	2020	-45	-39	-32	-25	-13	2	17	33
1490	-52	-9	40	92	150	193	215	295	201	171	2030	79	95	99	94	90	79	65	48
1500	141	89	53	34	17	28	47	78	116	156	2040	-39	-53	-69	-101	-136	-161	-170	-189
1510	154	200	235	266	280	279	271	252	233	182	2050	-207	-207	-207	-201	-191	-181	-171	-159
1520	134	92	43	-9	-61	-99	-130	-153	-156	-160	2060	-134	-130	-112	-111	-104	-93	-72	-69
1530	-131	-92	-64	-40	-14	-2	-5	-21	-47	-54	2070	10	43	77	109	124	127	126	120
1540	-136	-165	-181	-192	-160	-114	-60	-40	-14	-19	2080	80	63	40	19	8	1	0	6
1550	76	104	109	105	80	80	71	70	68	77	2090	92	95	17	18	15	9	2	6
1560	85	92	96	94	35	-14	-43	-75	-92	-96	2100	-45	-52	-57	-61	-62	-62	-55	-41

TO BE CONTINUED

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CONTINUED ( S-1063 ED6N )

CONTINUED ( S-1063 ED6N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	-1	4	8	12	16	22	28	35	42	
2120	-6	48	50	47	40	37	35	31	30	29
2130	27	26	25	26	27	30	33	34	33	32
2140	37	16	4	-7	-22	-40	-59	-77	-96	-118
2150	-175	-170	-188	-196	-201	-203	-201	-195	-188	-188
2160	-179	-170	-183	-199	-180	-184	-177	-179	-187	-191
2170	-195	-197	-193	-190	-182	-187	-153	-134	-118	-86
2180	-72	-46	-23	-21	1	17	34	58	78	105
2190	119	128	139	154	163	169	171	170	164	156
2200	138	122	109	93	79	70	67	67	62	61
2210	57	53	47	36	30	22	16	14	12	10
2220	11	13	22	25	39	54	69	86	100	115
2230	130	147	160	165	168	164	155	143	129	116
2240	105	76	52	38	31	23	11	4	1	-2
2250	-7	-9	-11	-17	-22	-25	-30	-32	-37	-41
2260	-28	-24	-17	-7	0	4	10	16	18	18
2270	18	16	14	15	15	15	18	21	25	25
2280	23	18	11	0	-16	-23	-30	-36	-43	-50
2290	-24	-14	-7	-2	0	4	-5	-10	-16	-23
2300	-33	-48	-70	-80	-80	-78	-78	-77	-72	-72
2310	-67	-68	-71	-73	-74	-74	-74	-73	-69	-59
2320	-52	-50	-53	-55	-59	-65	-80	-85	-88	-84
2330	-76	-67	-57	-44	-23	0	43	26	42	57
2340	75	97	117	141	165	189	207	228	237	243
2350	241	233	219	200	183	170	159	143	138	116
2360	105	95	83	77	74	75	77	79	84	88
2370	93	102	109	111	111	111	110	106	103	101
2380	98	93	85	76	66	56	46	36	25	13
2390	0	-9	-16	-19	-19	-16	-12	-5	0	4
2400	7	7	9	12	16	21	27	40	59	72
2410	91	120	140	172	197	208	218	229	229	224
2420	216	206	190	172	151	123	100	72	48	28
2430	16	8	2	-1	-6	-11	-10	-13	-16	-18
2440	-23	-26	-26	-31	-35	-41	-50	-60	-70	-78
2450	-89	-105	-118	-131	-146	-159	-171	-182	-192	-197
2460	-200	-203	-205	-203	-198	-192	-184	-174	-168	-160
2470	-152	-145	-144	-144	-144	-142	-142	-143	-140	-126
2480	-112	-95	-73	-56	-35	-15	1	14	25	35
2490	45	53	62	72	80	94	101	110	120	128
2500	132	136	139	143	149	158	168	173	178	182
2510	183	184	183	179	172	155	141	130	116	106
2520	102	99	94	89	83	78	70	60	52	46
2530	40	33	28	26	26	27	27	27	25	22
2540	19	13	5	1	-9	-30	-48	-65	-74	-87
2550	-115	-131	-142	-144	-146	-149	-151	-152	-151	-151
2560	-152	-151	-149	-148	-146	-140	-135	-135	-136	-137
2570	-138	-138	-139	-143	-145	-146	-143	-138	-132	-125
2580	-116	-107	-98	-87	-71	-57	-42	-33	-27	-26
2590	-27	-28	-30	-34	-39	-44	-45	-48	-47	-45
2600	-41	-32	-19	1	18	35	48	59	67	76
2610	84	90	87	89	92	97	100	103	104	111
2620	112	115	117	119	114	101	79	67	54	33
2630	17	-3	-14	-22	-29	-36	-36	-36	-36	-34
2640	-34	-35	-36	-39	-45	-48	-50	-54	-53	-53

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1063 ED&N )										CONTINUED ( S-1063 ED&N )													
NO.		( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.		( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	-61	-79	-74	-73	-72	-72	-70	-70	-70	-71	-71	3730	25	25	27	30	34	38	42	44	44	47	51
3200	-73	-73	-74	-74	-75	-77	-77	-77	-77	-76	-76	3740	52	52	52	52	52	52	52	48	48	46	45
3210	-80	-79	-78	-78	-78	-77	-67	-64	-63	-62	-62	3750	47	48	48	49	49	49	49	50	50	52	54
3220	-58	-56	-56	-56	-53	-51	-40	-35	-21	93	93	3760	56	57	58	59	60	61	62	62	62	62	61
3230	-3	8	19	30	40	50	61	72	83	93	93	3770	58	57	54	52	50	48	48	48	46	45	48
3240	102	105	107	104	103	99	93	87	81	81	81	3780	47	45	44	40	33	23	21	15	7	7	0
3250	77	87	84	56	49	41	38	32	27	25	25	3790	-9	-13	-34	-24	-29	-31	-33	-32	-31	-31	-31
3260	25	21	16	14	12	11	9	8	6	5	5	3800	-31	-31	-34	-34	-34	-34	-38	-40	-40	-40	-40
3270	5	6	9	11	13	15	18	19	19	19	19	3810	-40	-41	-43	-45	-45	-43	-44	-40	-44	-44	-44
3280	18	13	9	6	0	-6	-9	-11	-16	-20	-20	3820	-47	-50	-49	-50	-53	-58	-60	-64	-67	-69	-69
3290	-24	-25	-27	-28	-29	-29	-30	-32	-32	-32	-32	3830	-71	-74	-77	-79	-80	-80	-78	-76	-73	-70	-70
3300	-32	-32	-32	-29	-25	-21	-15	-11	-9	-4	-4	3840	-66	-63	-59	-55	-52	-38	-32	-23	-10	-3	-3
3310	1	7	14	23	33	42	50	58	65	71	71	3850	3	5	7	7	7	7	6	3	3	-3	-4
3320	71	71	73	77	79	80	81	82	82	82	82	3860	0	2	5	8	10	12	17	28	37	43	43
3330	83	83	85	87	87	89	90	91	92	92	92	3870	47	51	57	62	66	69	71	72	74	76	76
3340	90	90	88	86	85	86	88	90	93	99	99	3880	78	79	78	77	76	79	83	86	89	90	90
3350	103	108	120	124	128	132	138	140	144	143	143	3890	93	98	102	102	102	102	100	97	94	91	91
3360	145	146	144	140	140	137	138	134	133	130	130	3900	84	85	82	78	74	72	70	69	67	66	63
3370	128	123	120	113	104	95	84	61	75	72	72	3910	64	62	60	58	56	50	42	34	28	23	23
3380	61	67	37	32	27	24	22	20	18	13	13	3920	17	12	4	-4	-17	-31	-37	-42	-51	-57	-57
3390	10	10	7	0	-5	-14	-21	-30	-38	-46	-46	3930	-59	-60	-64	-68	-68	-64	-62	-59	-54	-49	-49
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3410	-88	-87	-86	-82	-82	-81	-81	-82	-79	-75	-75	3950	-29	-29	-29	-29	-32	-37	-41	-44	-44	-44	-40
3420	-71	-65	-65	-61	-51	-44	-38	-36	-32	-28	-28	3960	-43	-46	-49	-53	-56	-57	-56	-56	-50	-49	-49
3430	-21	-19	-19	-22	-23	-23	-28	-36	-44	-55	-55	3970	-48	-46	-46	-43	-34	-30	-34	-34	-33	-30	-28
3440	-51	-58	-67	-75	-78	-76	-74	-73	-69	-64	-64	3980	21	25	28	33	35	31	20	22	22	22	25
3450	-57	-47	-41	-38	-36	-33	-31	-28	-25	-25	-25	3990	25	26	25	22	18	6	2	4	4	16	18
3460	-26	-27	-27	-26	-24	-21	-17	-12	-7	-1	-1	4000	32	26	12	4	0	-4	0	5	7	2	2
3470	2	6	9	11	11	9	4	0	-1	-5	-5	4010	-5	-15	-21	-21	-20	-21	-21	-21	-24	-28	-28
3480	-8	-9	-9	-9	-7	-6	-4	-1	1	5	5	4020	-41	-45	-48	-49	-45	-40	-37	-32	-33	-42	-42
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3500	-1	-3	-6	-7	-9	-9	-9	-9	-7	-4	-4	4040	-54	-50	-43	-35	-31	-30	-30	-30	-30	-26	-20
3510	3	2	9	15	23	33	42	49	56	63	63	4050	-15	-10	-8	-8	-7	-3	0	0	0	0	0
3520	65	68	68	67	69	70	72	69	64	61	61	4060	-1	-3	-4	-5	-6	-8	-10	-13	-14	-14	-14
3530	57	53	49	45	41	38	33	31	28	28	28	4070	-14	-14	-15	-14	-13	-11	-10	-10	-10	-10	-10
3540	28	27	24	22	22	23	24	24	26	28	28	4080	-11	-14	-16	-17	-22	-22	-23	-25	-28	-32	-32
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3560	7	0	-5	-9	-12	-16	-22	-26	-29	-33	-33	4100	-30	-20	-17	-13	-11	-10	-11	-12	-12	-12	-12
3570	-41	-49	-57	-69	-63	-67	-69	-71	-74	-74	-74	4110	-13	-14	-15	-17	-15	-14	-11	-10	-7	-3	-3
3580	-77	-80	-84	-85	-88	-91	-96	-101	-106	-112	-112	4120	-1	0	2	2	3	1	2	0	-1	-5	-5
3590	-118	-125	-132	-133	-136	-139	-140	-140	-137	-135	-135	4130	-8	-11	-13	-17	-16	-12	-8	-5	-4	-3	-3
3600	-132	-129	-123	-124	-123	-124	-124	-123	-123	-127	-127	4140	6	6	6	6	5	4	4	2	2	1	1
3610	-128	-131	-133	-135	-138	-139	-139	-138	-137	-135	-135	4150	7	11	12	14	15	15	15	15	15	17	17
3620	-133	-128	-121	-114	-106	-97	-87	-77	-67	-59	-59	4160	15	15	17	18	20	22	24	26	29	31	31
3630	-55	-49	-42	-35	-27	-18	-13	-12	-9	-6	-6	4170	32	33	33	34	34	35	34	34	34	35	35
3640	-2	2	6	9	13	15	22	28	33	36	36	4180	36	37	38	37	37	37	36	36	38	41	41
3650	39	40	42	45	52	57	63	66	71	75	75	4190	44	48	53	57	61	65	73	83	89	97	97
3660	83	91	96	97	103	105	108	112	113	113	113	4200	105	109	109	110	115	115	115	115	115	118	118
3670	108	106	104	100	95	91	86	84	80	77	77	4210	111	111	111	110	109	109	109	108	108	108	108
3680	73	69	63	59	61	62	62	58	55	48	48	4220	108	108	106	106	105	101	97	96	93	92	92
3690	44	38	37	32	25	24	24	22	26	30	30	4230	90	90	90	91	91	91	91	92	93	94	93
3700	36	33	32	40	43	46	48	52	55	60	62	4240	82	89	89	84	74	66	60	50	37	28	28
3710	63	67	64	66	66	66	63	58	53	50	50	4250	23	23	22	22	20	16	14	14	14	14	14
3720	46	43	39	32	27	25	24	24	24	24	24	4260	61	61	59	58	52	46	41	31	25	21	21

TO BE CONTINUED

TO BE CONTINUED

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	17	14	12	10	7	7	6	7	4	3
4280	0	-7	0	-3	-12	-15	-25	-37	-47	-52
4290	-69	-71	-72	-73	-73	-75	-74	-72	-68	-65
4300	-60	-61	-60	-61	-64	-71	-80	-89	-100	-114
4310	-118	-123	-124	-124	-123	-123	-120	-113	-105	-104
4320	-109	-115	-119	-123	-126	-130	-134	-140	-144	-144
4330	-142	-138	-136	-134	-126	-124	-120	-116	-114	-114
4340	-116	-116	-115	-115	-114	-114	-115	-116	-116	-117
4350	-117	-114	-111	-105	-96	-88	-77	-67	-60	-51
4360	-35	-23	-18	-12	-6	-3	3	4	-8	-8
4370	-10	-11	-10	-12	-1	11	19	23	27	31
4380	32	33	35	36	31	27	24	19	15	13
4390	17	12	13	12	11	9	4	10	13	17
4400	30	34	35	37	40	46	50	54	57	61
4410	30	31	35	37	40	46	50	54	57	61
4420	64	67	70	71	71	71	71	72	73	74
4430	76	79	82	89	92	96	96	107	116	119
4440	120	120	117	114	105	98	93	88	79	59
4450	74	69	65	59	57	58	57	58	58	59
4460	61	62	63	65	67	68	67	64	62	61
4470	59	58	58	58	54	51	51	48	46	41
4480	39	37	35	33	33	32	29	23	17	11
4490	6	1	-3	-4	-3	-3	-1	0	2	5
4500	9	11	11	11	12	14	14	13	13	12
4510	8	6	1	-1	-3	-6	-8	-11	-14	-20
4520	-23	-24	-27	-30	-33	-35	-35	-36	-38	-40
4530	-38	-34	-32	-32	-32	-34	-35	-35	-36	-35
4540	-33	-37	-31	-29	-26	-23	-21	-20	-20	-24
4550	-27	-30	-31	-32	-36	-40	-41	-40	-39	-36
4560	-35	-34	-35	-30	-30	-29	-26	-24	-23	-20
4570	-15	-12	-9	-9	-10	-10	-12	-13	-13	-16
4580	-19	-20	-24	-27	-26	-29	-31	-32	-31	-27
4590	-24	-21	-20	-15	-13	-10	-10	-9	-8	-7
4600	-5	-4	-4	-3	-2	-1	0	1	2	2
4610	5	6	2	-1	-6	-11	-11	-13	-17	-20
4620	-22	-24	-26	-28	-29	-30	-32	-35	-38	-39
4630	-40	-40	-40	-40	-41	-41	-40	-40	-42	-44
4640	-49	-52	-55	-56	-55	-52	-51	-50	-50	-50
4650	-48	-44	-37	-34	-32	-31	-30	-29	-27	-26
4660	-27	-26	-25	-21	-18	-16	-14	-12	-10	-7
4670	-4	-3	-1	1	5	8	13	17	20	22
4680	24	28	33	36	43	50	52	53	53	56
4690	59	62	64	64	65	66	68	68	67	67
4700	64	61	58	54	51	48	45	43	42	40
4710	38	36	36	36	37	35	33	32	31	30
4720	27	21	18	12	9	4	0	-2	-2	-2
4730	-5	-8	-8	-8	-8	-9	-9	-10	-12	-18
4740	-19	-20	-19	-19	-19	-18	-15	-12	-8	-6
4750	-5	-2	1	4	6	7	7	8	9	9
4760	9	10	9	9	8	8	8	9	10	10
4770	11	13	16	19	21	21	22	23	24	26
4780	28	30	33	36	36	37	39	41	41	43
4790	45	46	48	51	54	57	60	60	60	60
4800	60	60	60	60	59	58	58	58	58	58

CONTINUED ( S-1063 ED6N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	-18	-18	-18	-18	-19	-18	-18	-18	-16	-15
5360	-12	-7	-4	-2	-1	1	4	6	8	9
5370	1	13	15	15	15	17	18	18	18	18
5380	18	18	19	20	21	22	22	23	24	25
5390	25	25	25	25	23	20	18	18	17	17
5400	16	14	12	9	7	6	5	3	0	-2
5410	-4	-6	-7	-8	-10	-13	-15	-17	-21	-24
5420	-22	-24	-27	-29	-30	-31	-32	-33	-33	-33
5430	-33	-33	-34	-34	-34	-34	-34	-34	-34	-34
5440	-31	-29	-29	-29	-29	-29	-29	-26	-26	-26
5450	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
5460	-25	-22	-18	-15	-11	-4	-4	-4	-4	-4
5470	2	5	7	8	10	12	14	16	17	19
5480	21	23	27	29	30	30	30	28	27	26
5490	24	23	22	19	16	13	10	8	5	1
5500	0	-2	-4	-5	-5	-5	-6	-5	-2	-2
5510	0	2	5	7	10	14	17	20	25	28
5520	34	37	38	38	37	36	36	36	36	36
5530	33	32	33	30	27	25	24	23	22	22
5540	23	25	28	31	31	32	34	36	38	40
5550	43	45	48	50	52	50	48	46	44	42
5560	42	42	40	36	31	28	26	25	24	23
5570	20	18	20	21	21	22	25	27	28	31
5580	34	36	37	39	40	42	41	38	37	37
5590	34	34	34	35	36	35	32	30	30	30
5600	32	32	31	29	27	27	28	26	24	24
5610	21	16	12	11	14	17	18	22	22	17
5620	15	17	17	19	24	27	27	22	10	0
5630	1	6	16	23	22	17	7	0	-1	-1
5640	0	2	8	9	8	5	3	-2	-8	-8
5650	-8	-4	-3	-3	-5	-8	-16	-20	-20	-20
5660	-17	-16	-16	-16	-19	-30	-30	-32	-33	-34
5670	-34	-34	-34	-36	-36	-36	-36	-36	-38	-38
5680	-41	-43	-44	-44	-43	-43	-46	-45	-43	-43
5690	-54	-54	-55	-54	-54	-57	-59	-61	-64	-64
5700	-65	-65	-63	-61	-60	-60	-59	-55	-58	-58
5710	-59	-58	-54	-52	-50	-53	-54	-54	-58	-58
5720	-59	-57	-53	-53	-54	-56	-58	-61	-60	-55
5730	-49	-49	-52	-50	-50	-54	-58	-60	-60	-58
5740	-25	-21	-17	-18	-21	-22	-23	-24	-24	-24
5750	-17	-14	-11	-6	-2	0	3	7	5	5
5760	2	0	-2	3	7	11	17	23	18	12
5770	-3	-13	-13	-5	3	13	17	15	12	6
5780	0	0	-1	0	2	6	10	15	17	14
5790	11	7	4	7	12	16	19	23	27	30
5800	33	35	31	28	26	26	29	35	38	41
5810	41	36	33	31	32	36	39	43	47	45
5820	43	42	42	43	47	52	56	59	60	58
5830	56	55	51	48	51	53	55	57	56	52
5840	49	44	39	35	33	33	33	33	33	31
5850	28	25	24	24	20	15	17	8	6	6
5860	9	2	0	-2	-5	-10	-13	-13	-13	-15
5870	-16	-17	-17	-17	-17	-16	-20	-20	-20	-20
5880	-23	-21	-21	-21	-24	-26	-25	-24	-23	-23

TO BE CONTINUED

CONTINUED ( S-1063 ED6N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5890	-23	-23	-23	-23	-21	-21	-21	-23	-23	-22
5900	-19	-16	-16	-16	-17	-19	-16	-16	-16	-16
5910	-12	-10	-10	-7	-2	3	7	11	14	15
5920	17	21	21	23	24	25	27	28	31	34
5930	34	36	36	38	39	41	44	44	44	40
5940	36	35	35	33	31	29	28	27	27	27
5950	27	27	27	27	27	27	27	27	27	27
5960	27	27	27	26	25	25	25	22	23	24
5970	24	23	21	20	21	21	24	17	17	18
5980	16	17	18	18	19	20	22	23	26	30
5990	31	33	35	37	37	36	34	32	28	26
6000	26	26	26	26	24	22	19	18	18	18
6010	18	16	14	12	12	11	9	8	5	-2
6020	-9	-15	-14	-18	-23	-25	-28	-31	-34	-38
6030	-40	-40	-40	-40	-40	-40	-40	-39	-38	-41
6040	-42	-42	-42	-40	-41	-43	-43	-43	-41	-41
6050	-42	-43	-43	-43	-43	-43	-43	-43	-42	-42
6060	-42	-40	-38	-34	-33	-30	-28	-26	-23	-19
6070	-13	-11	-8	-6	-3	-3	-1	0	-1	-1
6080	-1	0	-1	0	0	0	-2	-3	-4	-4
6090	-6	-6	-6	-5	-5	-5	-5	-7	-9	-13
6100	-13	-17	-17	-17	-20	-20	-21	-23	-24	-25
6110	-26	-26	-27	-27	-27	-28	-28	-28	-29	-34
6120	-35	-34	-32	-29	-30	-32	-33	-33	-31	-30
6130	-30	-30	-30	-30	-29	-28	-27	-25	-24	-21
6140	-19	-16	-13	-12	-12	-10	-8	-8	-8	-8
6150	-7	-7	-7	-7	-6	-4	-3	0	1	1
6160	2	3	6	8	9	9	9	10	12	12
6170	12	12	13	14	14	14	14	14	13	12
6180	12	13	15	15	15	14	11	9	8	8
6190	6	8	7	5	5	6	9	10	11	12
6200	12	12	12	15	17	17	16	15	15	15
6210	12	16	16	16	16	14	14	14	15	15
6220	19	19	19	19	19	20	20	21	21	21
6230	21	21	20	20	20	20	21	24	24	24
6240	24	25	24	24	27	29	29	29	29	29
6250	28	28	28	28	26	25	24	24	24	24
6260	28	28	28	28	28	28	28	28	28	28
6270	28	28	28	28	28	28	28	28	28	28
6280	15	12	11	11	11	11	12	13	14	14
6290	14	14	14	14	14	14	14	14	14	14
6300	14	15	15	15	15	15	15	15	15	15
6310	17	17	16	14	13	13	12	12	14	14
6320	14	14	15	16	16	15	15	15	15	15
6330	15	14	13	13	13	12	11	10	10	9
6340	6	5	3	1	-1	-4	-7	-9	-11	-14
6350	-15	-16	-17	-21	-24	-24	-27	-28	-29	-29
6360	-30	-32	-35	-37	-37	-37	-37	-38	-40	-40
6370	-40	-38	-36	-40	-41	-37	-37	-31	-27	-24
6380	-23	-23	-20	-20	-12	-2	2	3	3	3
6390	17	18	19	19	14	14	16	17	17	17
6400	17	17	17	19	19	21	21	22	23	26
6410	27	27	27	27	27	30	31	33	36	34
6420	33	33	33	33	32	32	30	27	27	24
6430	33	33	33	33	33	33	33	33	33	34

TO BE CONTINUED

CONTINUED ( S-1063 ED6N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 11 )	( 12 )	( 13 )	( 14 )	( 15 )	( 16 )	( 17 )	( 18 )	( 19 )	( 20 )
6430	21	20	18	14	9	5	3	3	1	-2	66	63	63	59	56	53	50	47	47	43
6440	-7	-10	-10	-10	-10	-10	-14	-14	-24	-26	6980	40	40	37	34	31	31	29	26	26
6450	-26	-27	-39	-30	-37	-34	-38	-43	-44	-43	6990	24	25	23	23	23	20	19	17	17
6460	-44	-47	-47	-47	-47	-47	-49	-49	-56	-56	7000	25	25	25	25	25	25	25	25	23
6470	-56	-56	-58	-60	-60	-60	-60	-60	-69	-69	7010	22	22	20	20	17	17	16	14	14
6480	-57	-57	-56	-54	-51	-51	-51	-49	-47	-46	7020	13	13	13	15	15	6	3	0	-2
6490	-41	-41	-41	-41	-41	-41	-41	-38	-36	-36	7030	16	15	13	13	15	11	14	15	-15
6500	-36	-36	-33	-30	-27	-24	-23	-23	-19	-14	7040	16	16	16	17	17	19	22	26	-30
6510	-13	-10	-9	-9	-9	-9	-9	-9	-10	-10	7050	13	13	13	16	16	17	17	17	-40
6520	-10	-10	-11	-11	-10	-9	-6	-4	0	0	7060	14	14	14	17	17	17	17	17	-60
6530	0	0	4	4	10	11	13	14	16	16	7070	16	16	16	17	17	17	17	17	-77
6540	20	20	19	19	20	20	21	21	21	21	7080	18	18	18	18	18	18	18	18	-75
6550	21	21	21	20	19	17	16	14	16	17	7090	15	14	13	13	13	13	13	13	-65
6560	17	16	16	16	16	19	20	20	21	22	7100	16	16	16	16	16	16	16	16	-54
6570	23	23	21	20	18	17	19	19	20	18	7110	13	13	13	13	13	13	13	13	-41
6580	17	19	20	20	19	17	14	13	13	13	7120	11	11	11	11	11	11	11	11	-20
6590	14	14	15	17	18	18	18	18	18	15	7130	17	17	17	17	17	17	17	17	-3
6600	14	17	22	27	30	30	32	34	36	38	7140	2	2	2	2	2	2	2	2	6
6610	36	38	38	38	38	38	38	38	38	38	7150	6	6	6	6	6	6	6	6	6
6620	32	32	31	29	26	25	25	25	25	25	7160	7	7	7	7	7	7	7	7	7
6630	25	25	24	23	22	20	20	20	20	20	7170	15	15	15	15	15	15	15	15	13
6640	20	19	17	15	13	13	13	13	12	12	7180	22	22	22	22	22	22	22	22	20
6650	12	12	12	12	12	13	13	13	15	15	7190	31	31	31	31	31	31	31	31	27
6660	15	15	15	15	15	14	14	14	14	14	7200	40	40	40	40	40	40	40	40	39
6670	14	14	14	14	14	15	15	15	14	14	7210	44	44	44	44	44	44	44	44	44
6680	14	7	4	5	3	0	0	0	-2	-3	7220	35	33	32	32	32	31	27	25	37
6690	-5	-6	-6	-10	-10	-10	-10	-12	-14	-15	7230	31	30	30	29	29	28	24	24	24
6700	-16	-19	-23	-26	-27	-27	-27	-29	-31	-34	7240	23	23	23	23	23	23	23	23	23
6710	-34	-34	-34	-34	-37	-37	-36	-36	-36	-36	7250	23	24	24	25	25	25	25	25	18
6720	-37	-37	-37	-37	-40	-40	-39	-38	-36	-36	7260	16	16	17	17	17	19	20	20	22
6730	-37	-37	-36	-37	-37	-34	-32	-31	-28	-27	7270	22	22	23	23	23	24	23	23	22
6740	-27	-27	-26	-25	-23	-23	-20	-17	-14	-11	7280	22	24	24	24	24	24	24	24	20
6750	-10	-8	-7	-6	-5	-4	-3	-1	1	5	7290	20	20	20	19	18	16	16	16	17
6760	8	10	12	13	15	17	17	17	17	19	7300	7	7	6	4	3	1	0	-2	-6
6770	19	19	19	19	19	19	19	19	19	19	7310	-10	-10	-10	-12	-14	-18	-19	-20	-20
6780	19	19	19	19	19	19	20	20	20	20	7320	-23	-24	-24	-24	-24	-24	-25	-26	-29
6790	20	20	20	19	18	15	13	13	11	11	7330	-29	-29	-29	-29	-31	-34	-34	-34	-34
6800	10	9	6	4	3	3	2	1	0	-3	7340	-36	-35	-35	-35	-35	-35	-35	-35	-33
6810	-4	-7	-9	-11	-13	-14	-16	-17	-18	-20	7350	-33	-31	-30	-30	-30	-30	-29	-28	-27
6820	-19	-20	-20	-20	-20	-20	-19	-19	-20	-19	7360	-37	-28	-27	-25	-24	-24	-24	-24	-21
6830	-19	-21	-22	-24	-24	-24	-24	-24	-27	-27	7370	-31	-30	-18	-17	-15	-13	-12	-9	-8
6840	-26	-27	-28	-31	-31	-31	-31	-31	-32	-32	7380	15	16	17	17	17	17	17	17	14
6850	-34	-36	-35	-34	-32	-31	-28	-27	-27	-24	7390	16	16	17	17	21	25	23	24	25
6860	-36	-35	-35	-36	-36	-36	-36	-36	-37	-37	7400	24	24	26	26	30	30	31	31	31
6870	-27	-27	-26	-26	-26	-26	-25	-24	-24	-24	7410	31	31	31	31	31	30	30	30	26
6880	-24	-24	-24	-24	-23	-23	-21	-20	-20	-20	7420	28	26	26	26	22	19	19	19	14
6890	-20	-20	-20	-20	-20	-18	-16	-14	-11	-11	7430	12	12	9	8	6	4	2	2	0
6900	-8	-5	-1	0	0	4	4	6	8	10	7440	0	-3	-3	-3	-6	-6	-5	-5	-7
6910	12	13	14	14	14	16	18	19	21	22	7450	-7	-9	-12	-11	-11	-11	-13	-13	-13
6920	23	25	27	28	29	28	29	32	33	33	7460	-11	-11	-10	-9	-9	-9	-9	-9	-9
6930	34	35	39	39	39	40	42	45	49	49	7470	-8	-6	-3	-3	-3	-4	-4	-4	-3
6940	53	56	58	59	59	59	60	62	63	63	7480	-5	-7	-6	-6	-6	-6	-6	-6	-7
6950	65	66	67	67	69	68	68	67	67	67	7490	-12	-13	-13	-13	-13	-13	-13	-13	-14
6960	67	67	67	67	67	67	67	67	67	67	7500	-14	-13	-11	-10	-8	-6	-6	-6	-6

TO BE CONTINUED

TO BE CONTINUED

CONTINUED (S-1063) EDGM

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7510	-6	-6	-7	-7	-5	-3	-3	-3	-3	-3
7520	-8	-10	-10	-10	-10	-10	-11	-13	-13	-13
7530	-13	-13	-13	-13	-14	-17	-17	-17	-17	-17
7540	-17	-16	-16	-16	-16	-14	-14	-14	-14	-14
7550	-13	-12	-12	-12	-12	-9	-9	-9	-9	-9
7560	-7	-7	-7	-7	-4	-2	0	0	0	0
7570	1	3	3	3	6	7	8	11	11	11
7580	14	14	12	12	12	12	12	12	11	11
7590	10	10	10	10	10	10	10	10	10	10
7600	9	8	8	8	9	8	8	8	8	8
7610	9	9	8	7	7	6	5	4	4	4
7620	4	4	4	5	5	5	5	5	5	5
7630	5	5	5	2	1	0	-2	-4	-4	-4
7640	-6	-8	-11	-11	-11	-11	-11	-11	-11	-11
7650	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
7660	-8	-6	-4	-4	-1	-1	-1	-1	-1	-1
7670	6	8	8	8	10	12	12	15	14	14
7680	16	18	18	18	18	18	18	18	18	18
7690	16	18	18	18	18	18	18	18	18	18
7700	17	16	15	15	15	13	12	10	8	8
7710	17	16	15	15	15	13	12	10	8	8
7720	8	8	4	4	7	-1	-1	-5	-8	-11
7730	-15	-22	-22	-22	-22	-28	-28	-29	-29	-29
7740	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30
7750	-29	-28	-28	-28	-27	-27	-27	-25	-25	-25
7760	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
7770	-25	-25	-25	-25	-24	-22	-22	-21	-21	-21
7780	-19	-16	-16	-15	-15	-15	-15	-13	-13	-14
7790	-15	-16	-16	-15	-15	-14	-13	-13	-11	-10
7800	-13	-14	-13	-14	-14	-12	-10	-10	-9	-9
7810	-8	-8	-8	-8	-8	-8	-7	-7	-6	-4
7820	-4	-4	-4	-4	-4	-3	-2	0	0	0
7830	0	0	1	1	3	4	6	8	10	13
7840	15	17	20	21	21	22	24	25	26	25
7850	26	26	26	26	26	26	26	26	26	26
7860	26	26	26	26	26	26	26	26	26	26
7870	25	22	22	22	22	22	22	22	22	22
7880	22	21	20	18	18	19	19	19	19	19
7890	19	19	19	19	18	18	18	18	18	18
7900	18	17	16	15	15	15	16	16	14	14
7910	12	12	12	12	13	14	14	17	17	17
7920	17	19	20	20	20	20	24	24	22	22
7930	22	22	22	22	21	20	20	20	20	20
7940	20	19	17	15	14	12	10	10	10	10
7950	8	6	6	4	2	0	0	-2	-5	-5
7960	-5	-5	-6	-6	-8	-11	-13	-13	-13	-13
7970	-13	-16	-19	-20	-21	-21	-23	-23	-24	-24
7980	-25	-25	-26	-28	-32	-33	-33	-34	-34	-34
7990	-35	-38	-39	-39	-39	-39	-39	-39	-39	-39
8000	-39	-39	-39	-39	-38	-36	-35	-35	-35	-35
8010	-35	-35	-35	-35	-33	-30	-29	-26	-27	-27
8020	-27	-26	-26	-26	-26	-24	-24	-24	-23	-23
8030	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
8040	-23	-23	-23	-25	-25	-25	-25	-25	-25	-25

TO BE CONTINUED

TO BE CONTINUED

CONTINUE0( S-1063 E06N )										CONTINUE0( S-1063 E06N )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8590	-13	-6	0	7	16	26	36	44	49	49	9130	-28	-29	-29	-32	-32	-30	-29	-28	-28	
8600	46	42	35	26	12	-2	-20	-32	-44	-54	9140	-28	-28	-28	-29	-29	-28	-28	-28	-26	
8610	-57	-51	-42	-29	-11	10	31	51	70	79	9150	-23	-20	-18	-17	-17	-17	-15	-14	-14	
8620	77	73	66	43	24	7	-9	-27	-36	-38	9160	-14	-14	-14	-15	-15	-15	-14	-11	-10	
8630	-32	-28	-24	-18	-9	0	7	15	18	21	9170	-8	-8	-8	-8	-7	-7	-8	-8	-8	
8640	20	17	17	17	17	4	-2	-11	-23	-32	9180	-8	-7	-7	-5	-3	-1	-1	-1	0	
8650	-36	-39	-35	-27	-12	-9	3	15	20	23	9190	6	9	12	12	12	12	12	12	12	
8660	21	19	12	9	2	-4	-16	-25	-33	-38											
8670	-41	-40	-35	-30	-24	-19	-6	6	15	21											
8680	23	22	21	19	18	11	5	0	-5	-7											
8690	-6	-1	2	8	12	13	14	17	19	17											
8700	16	14	11	8	3	-2	-5	-7	-9	-11											
8710	-10	-6	-4	0	4	9	16	25	32	35											
8720	34	32	29	24	16	7	-2	-11	-18	-24											
8730	-28	-32	-33	-32	-32	-31	-24	-19	-9	0											
8740	9	16	19	12	6	0	-8	-17	-25	-31											
8750	-34	-40	-38	-36	-32	-31	-30	-27	-24	-19											
8760	-16	-10	-8	-5	-2	0	1	3	4	0											
8770	-44	-42	-42	-42	-42	-42	-42	-42	-42	-42											
8780	-18	-18	-15	-15	-15	-20	-23	-28	-34	-41											
8790	12	8	8	5	1	3	6	8	9	11											
8800	0	1	7	11	13	12	12	15	17	11											
8810	8	13	14	15	17	19	21	21	19	17											
8820	15	13	11	8	4	1	3	4	5	5											
8830	5	6	7	8	9	6	2	-1	-5	-8											
8840	-9	-11	-12	-12	-12	-12	-12	-12	-12	-12											
8850	-14	-17	-19	-19	-19	-21	-23	-27	-32	-34											
8860	-34	-34	-35	-36	-36	-36	-37	-38	-37	-37											
8870	-38	-38	-37	-35	-30	-27	-25	-24	-24	-24											
8880	-24	-24	-24	-25	-26	-24	-22	-21	-19	-19											
8890	-18	-16	-11	-9	-9	-10	-9	-8	-9	-8											
8900	-7	-5	-2	-2	-3	-2	-2	-1	0	1											
8910	2	4	8	10	10	8	8	5	1	1											
8920	1	1	1	2	6	8	12	15	19	20											
8930	21	21	21	21	21	21	21	19	20	20											
8940	20	19	18	18	20	20	19	21	21	20											
8950	27	28	28	31	31	31	33	35	34	35											
8960	36	37	37	36	34	33	33	33	33	33											
8970	33	33	36	40	43	46	46	46	44	41											
8980	38	37	35	32	31	30	28	27	28	28											
8990	29	29	28	28	28	28	27	24	23	23											
9000	23	22	18	13	9	4	0	-5	-8	-10											
9010	-12	-12	-12	-9	-6	-4	-3	-2	-2	-2											
9020	-1	0	0	-3	-6	-14	-18	-18	-18	-18											
9030	-22	-24	-23	-20	-19	-16	-17	-15	-14	-13											
9040	-11	-11	-10	-7	-7	-7	-5	-4	-5	-7											
9050	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7											
9060	-7	-7	-8	-10	-12	-14	-14	-13	-13	-11											
9070	-9	-7	-7	-7	-5	-2	-2	-4	-4	-4											
9080	-7	-4	-4	-4	-5	-8	-11	-11	-11	-9											
9090	-7	-7	-5	-2	1	2	2	2	2	2											
9100	0	-2	-5	-4	-4	-9	-11	-11	-11	-15											
9110	-18	-16	-18	-18	-18	-18	-18	-18	-18	-18											
9120	-14	-13	-13	-17	-17	-18	-18	-21	-24	-26											

TO BE CONTINUED



RECORD # S-1063 COMPONENT # DOWN STATION # SHIMIZU-KOJYO-S  
 DATE AND TIME # 1978-01-14-12-24 TOTAL NUMBER OF DATA # 9250  
 SAMPLING INTERVAL # 0.010 (SEC) UNIT # 0.1 GAL  
 SIGNAL # GR-ACC.  
 CONNECTION POINT IN DATA NUMBER= 4718, 9250.

CONTINUED ( S-1063 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0										
10	-47	-47	-48	-49	-49	-49	-49	-50	-50	-51
20	-51	-51	-51	-51	-51	-51	-51	-51	-51	-51
30	-28	-21	-14	-9	-7	-6	-4	-3	-3	-3
40	12	13	14	15	16	19	21	23	23	23
50	20	18	15	8	0	-9	-17	-21	-23	-26
60	-29	-30	-31	-33	-34	-32	-31	-30	-23	-13
70	-4	3	7	11	15	14	13	11	8	4
80	0	-4	-9	-14	-19	-23	-28	-31	-31	-32
90	-32	-32	-32	-32	-32	-31	-31	-30	-24	-24
100	-18	0	12	10	7	-5	-4	-4	-3	-3
110	0	2	10	18	27	35	44	50	55	62
120	69	75	75	74	69	62	56	50	45	42
130	40	39	40	39	37	35	33	31	28	25
140	25	24	22	20	18	17	17	17	17	17
150	17	17	17	17	16	14	14	14	9	6
160	4	5	7	9	12	14	15	16	15	14
170	13	11	7	3	0	-3	-7	-11	-17	-23
180	-28	-32	-35	-38	-42	-44	-44	-44	-44	-44
190	-44	-44	-45	-47	-46	-46	-46	-44	-41	-41
200	-40	-38	-37	-36	-39	-40	-40	-39	-37	-37
210	-35	-29	-20	-9	-8	-7	-3	0	0	-1
220	-3	-5	-5	-6	-8	-10	-12	-14	-13	-14
230	-10	-9	-8	-8	-8	-8	-8	-8	-9	-10
240	-11	-11	-8	-6	-4	-1	0	0	1	2
250	3	0	-2	-6	-10	-14	-17	-17	-14	-11
260	-9	-7	-6	-5	-4	-4	-5	-5	-3	-3
270	-3	-4	-6	-8	-9	-10	-10	-9	-5	-5
280	0	6	14	17	20	22	24	23	22	22
290	19	16	13	10	6	3	1	0	-2	0
300	4	6	8	7	4	0	-3	-7	-11	-10
310	-3	3	8	11	12	11	8	4	0	0
320	-4	-11	-19	-24	-28	-36	-41	-47	-53	-55
330	-55	-50	-45	-39	-35	-31	-26	-24	-22	-18
340	-11	-7	-3	-2	-2	-4	-9	-15	-18	-22
350	-25	-26	-26	-26	-23	-18	-14	-12	-9	-6
360	-2	2	6	10	10	4	-1	-1	-7	-10
370	-12	-13	-13	-13	-3	1	-1	-5	-9	-15
380	-19	-22	-23	-19	-12	-4	1	2	1	1
390	0	-2	-6	-8	-8	-5	2	16	24	34
400	39	40	40	39	38	38	38	39	37	36
410	32	30	30	31	31	29	23	20	13	5
420	-2	-9	-13	-14	-11	-5	0	4	3	1
430	-2	-9	-15	-18	-20	-22	-21	-18	-15	-12
440	-9	-8	-8	-10	-13	-14	-16	-17	-16	-14
450	-11	-7	-3	-3	-4	-8	-16	-20	-22	-23
460	-24	-24	-24	-24	-18	-14	-13	-12	-9	-7
470	-6	-9	-10	-11	-8	2	8	16	21	25
480	27	28	28	28	31	36	41	44	44	42

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1063 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	26	47	63	70	79	86	104	124	143	157
1040	166	170	166	161	148	133	115	93	79	66
1050	48	40	39	38	37	33	26	21	14	5
1060	-4	-13	-20	-25	-28	-29	-28	-23	-19	-9
1070	-18	-10	-10	-4	0	4	12	21	33	47
1080	57	62	64	63	56	52	49	46	43	44
1090	51	56	66	75	83	86	89	91	94	93
1100	88	83	79	70	58	43	30	1	-19	-37
1110	-43	-47	-44	-41	-37	-33	-29	-29	-29	-36
1120	-42	-49	-54	-58	-57	-46	-30	-15	1	4
1130	8	6	-1	-5	-5	-1	0	1	-6	-17
1140	-32	-56	-75	-80	-81	-84	-82	-81	-85	-91
1150	-99	-109	-119	-132	-144	-159	-172	-179	-181	-177
1160	-172	-163	-153	-135	-101	-85	-72	-58	-42	-22
1170	1	20	39	50	61	65	63	58	50	36
1180	18	-7	-24	-32	-44	-55	-58	-66	-73	-76
1190	-84	-93	-111	-135	-151	-165	-179	-191	-197	-198
1200	-192	-168	-137	-106	-65	-33	-12	8	24	41
1210	55	65	73	76	72	65	55	41	27	16
1220	8	4	7	12	18	22	22	20	16	14
1230	16	21	26	31	33	29	25	18	12	7
1240	2	3	6	11	27	33	44	60	78	96
1250	117	136	149	162	162	161	161	161	162	165
1260	166	166	167	167	168	173	175	170	158	146
1270	125	88	74	59	32	25	9	-2	-12	-27
1280	-39	-59	-77	-89	-114	-137	-160	-178	-194	-200
1290	-201	-195	-185	-173	-140	-104	-63	-81	-44	-22
1300	-6	7	18	26	34	39	44	50	55	60
1310	81	101	120	137	153	166	170	166	160	151
1320	129	105	79	54	28	2	-19	-32	-43	-57
1330	-73	-87	-100	-116	-130	-139	-143	-140	-133	-124
1340	-115	-95	-69	-47	-25	-5	8	18	29	38
1350	47	63	82	99	117	139	154	163	163	160
1360	154	140	125	107	81	53	30	9	-11	-31
1370	-55	-75	-92	-111	-124	-134	-141	-140	-139	-138
1380	-134	-127	-116	-101	-90	-75	-63	-59	-56	-55
1390	-50	-39	-18	0	20	31	37	38	37	31
1400	23	15	0	-14	-29	-47	-62	-68	-73	-75
1410	-83	-89	-100	-106	-111	-112	-112	-106	-98	-86
1420	-37	-41	-22	-3	6	13	17	11	1	-18
1430	66	90	110	124	128	124	120	114	98	70
1440	46	37	24	12	-1	-17	-35	-47	-59	-67
1450	-75	-77	-78	-76	-76	-70	-64	-53	-39	-23
1460	1	17	38	54	70	80	89	99	100	96
1470	1	17	38	54	70	80	89	99	100	96
1480	93	87	78	70	64	58	56	55	54	60
1490	68	75	83	94	96	93	87	80	70	58
1500	43	10	-24	-47	-66	-78	-87	-94	-94	-89
1510	-82	-73	-64	-53	-43	-31	-14	4	20	38
1520	51	56	55	53	50	48	47	45	44	45
1530	48	57	69	83	97	103	101	96	87	70
1540	50	33	23	18	16	15	15	12	6	6
1550	-1	-8	-15	-22	-27	-30	-34	-36	-37	-40
1560	-43	-45	-43	-35	-25	-12	0	13	27	41

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1063 DOWN )										CONTINUED ( S-1063 DOWN )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	42	46	50	54	57	58	58	58	55	51	2650	-5	-5	-8	-17	-15	-16	-18	-21	-24	-25
2120	44	34	34	15	0	-4	-17	-28	-35	-40	2660	-29	-29	-39	-32	-33	-36	-36	-35	-36	-36
2130	-39	-33	-24	-12	0	11	21	29	38	50	2670	36	33	-30	-26	-21	-19	-16	-15	-15	-15
2140	55	57	62	66	67	66	66	67	71	74	2680	-18	-20	-22	-26	-29	-32	-34	-34	-34	-35
2150	76	80	84	87	89	88	88	88	85	80	2690	-31	-29	-27	-27	-24	-22	-13	-9	-6	-5
2160	72	65	54	42	31	22	13	-7	-15	-14	2700	5	0	1	1	2	2	3	3	3	3
2170	-21	-25	-19	-24	-24	-19	-11	-4	8	1	2710	3	0	1	1	1	1	1	1	1	1
2180	15	26	33	41	49	55	66	74	82	82	2720	33	25	26	26	26	24	28	26	28	26
2190	86	72	98	104	107	107	114	116	111	106	2730	28	27	25	22	24	19	15	11	8	7
2200	96	87	76	69	61	51	42	30	22	15	2740	4	-9	-11	-11	-10	-10	-12	-12	-12	-12
2210	4	-7	-16	-23	-32	-41	-49	-54	-60	-66	2750	-8	-9	-11	-8	-4	0	5	11	15	17
2220	-71	-71	-71	-70	-68	-65	-62	-62	-62	-63	2760	-11	-10	-8	-6	-4	0	5	11	15	17
2230	-64	-65	-66	-68	-69	-70	-72	-74	-75	-75	2770	19	21	22	22	19	19	18	16	15	15
2240	-75	-75	-74	-72	-70	-67	-64	-62	-62	-62	2780	15	15	16	17	18	21	21	21	23	25
2250	-63	-63	-65	-68	-72	-76	-82	-87	-93	-93	2790	26	26	23	22	22	22	19	18	18	18
2260	-93	-91	-87	-82	-77	-72	-66	-59	-50	-42	2800	17	16	15	14	15	15	15	15	15	15
2270	-36	-24	-15	-7	0	7	16	26	36	46	2810	13	12	9	6	0	-8	-20	-33	-38	-41
2280	56	64	71	76	82	85	86	89	91	90	2820	-47	-51	-55	-59	-64	-68	-72	-76	-79	-80
2290	88	86	85	82	80	80	78	75	72	69	2830	-80	-83	-82	-82	-78	-75	-74	-73	-73	-73
2300	66	65	62	63	64	62	62	62	60	60	2840	-73	-75	-76	-76	-77	-79	-81	-85	-86	-89
2310	59	56	53	48	44	42	38	33	28	28	2850	-99	-99	-99	-87	-86	-85	-83	-82	-80	-78
2320	23	22	20	20	15	15	15	15	18	23	2860	-75	-71	-68	-64	-60	-56	-53	-49	-46	-44
2330	21	30	18	18	18	21	25	28	31	32	2870	-38	-35	-32	-28	-25	-24	-24	-24	-24	-23
2340	34	32	28	28	26	24	16	15	11	7	2880	-22	-18	-15	-13	-9	-3	1	9	12	15
2350	3	-2	-13	-22	-26	-32	-36	-39	-40	-40	2890	18	24	30	37	41	45	49	53	49	53
2360	-1	-10	-39	-39	-38	-37	-37	-35	-30	-24	2900	57	63	71	78	81	85	90	94	94	96
2370	-33	-35	-37	-39	-37	-39	-37	-34	-30	-17	2910	96	96	96	96	96	97	92	91	87	83
2380	-8	-5	0	4	7	8	8	8	8	9	2920	74	73	71	65	64	55	55	50	50	43
2390	11	13	15	19	24	27	31	33	35	36	2930	55	57	58	58	58	58	58	53	50	43
2400	35	34	34	34	36	39	40	42	43	44	2940	35	27	22	15	9	7	6	5	5	5
2410	44	43	42	40	39	37	34	30	25	19	2950	7	8	11	13	18	19	22	24	24	24
2420	12	3	-4	-10	-17	-24	-31	-38	-46	-52	2960	28	28	25	23	22	19	14	10	3	-5
2430	-59	-64	-69	-72	-76	-78	-78	-78	-77	-76	2970	-12	-18	-24	-29	-33	-34	-37	-37	-37	-37
2440	-75	-74	-74	-73	-71	-69	-68	-68	-65	-63	2980	-36	-36	-36	-34	-33	-33	-32	-31	-29	-27
2450	-62	-60	-59	-56	-54	-50	-46	-41	-38	-34	2990	-27	-25	-22	-21	-19	-16	-13	-11	-9	-7
2460	-30	-29	-33	-37	-39	-44	-54	-60	-66	-67	3000	-7	-6	-3	-1	-2	-2	-1	-1	-2	-6
2470	-69	-74	-74	-78	-81	-81	-81	-78	-71	-64	3010	-8	-9	-11	-11	-14	-18	-20	-24	-28	-31
2480	-58	-54	-47	-44	-44	-40	-37	-36	-36	-32	3020	-34	-36	-36	-35	-33	-30	-27	-26	-26	-26
2490	-27	-23	-20	-16	-15	-10	-3	0	3	9	3030	-25	-24	-23	-21	-20	-19	-18	-17	-16	-14
2500	12	17	18	19	21	21	21	22	22	22	3040	-11	-7	-5	-3	-2	-1	1	3	5	11
2510	23	25	27	28	30	33	34	40	45	45	3050	13	15	15	16	19	20	20	22	21	21
2520	56	58	60	62	62	60	57	54	53	51	3060	24	21	21	22	24	24	26	26	28	28
2530	45	50	52	53	54	58	59	61	62	63	3070	29	28	27	25	22	22	22	22	22	22
2540	63	68	70	70	70	67	63	61	57	54	3080	21	18	18	20	19	23	24	26	26	28
2550	52	44	35	27	21	16	11	9	8	6	3090	29	33	36	39	41	42	42	39	38	37
2560	5	6	10	14	19	26	33	37	44	52	3100	34	30	28	26	25	23	19	18	18	15
2570	50	49	46	43	42	42	42	42	42	42	3110	14	11	10	8	7	5	1	-2	-5	-8
2580	42	41	37	32	27	24	21	18	16	14	3120	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
2590	11	7	5	5	4	1	0	-2	-6	-9	3130	-9	-7	-4	0	3	6	9	10	11	11
2600	-12	-15	-19	-21	-23	-24	-26	-25	-24	-24	3140	12	12	12	11	12	13	12	9	6	2
2610	-21	-21	-21	-22	-24	-27	-30	-34	-36	-36	3150	0	2	3	5	6	6	8	10	10	0
2620	-34	-36	-36	-34	-32	-29	-29	-29	-29	-29	3160	3	0	-1	0	2	4	3	1	0	0
2630	-26	-26	-25	-22	-18	-11	-6	-1	-1	-1	3170	-11	-2	-1	-2	0	0	0	-1	-2	-2
2640	2	3	4	5	5	4	4	3	1	1	3180	-3	-3	-5	-8	-9	-12	-13	-17	-18	-19

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1063 DOWN )

CONTINUED ( S-1063 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	-22	-24	-25	-24	-24	-23	-25	-23	3730	12
3200	-21	-21	-20	-20	-21	-25	-25	-26	3740	-21
3210	-29	-29	-29	-29	-27	-27	-27	-28	3750	-31
3220	-28	-28	-26	-26	-24	-23	-23	-26	3760	-19
3230	-30	-32	-34	-38	-40	-43	-45	-46	3770	-26
3240	-44	-45	-43	-40	-38	-35	-29	-19	3780	-9
3250	-11	-7	-2	5	10	15	17	21	3790	12
3260	29	28	28	29	28	28	28	26	3800	11
3270	25	25	25	24	22	24	23	22	3810	5
3280	15	13	11	10	8	8	8	4	3820	5
3290	4	4	3	2	2	2	2	1	3830	4
3300	0	1	2	2	2	3	3	3	3840	1
3310	3	3	3	3	3	3	3	2	3850	15
3320	-39	-16	-9	-16	-25	-31	-37	-40	3860	19
3330	-43	-44	-44	-44	-41	-38	-38	-38	3870	13
3340	-39	-39	-38	-35	-32	-28	-22	-13	3880	15
3350	2	5	5	8	11	14	16	20	3890	12
3360	25	25	25	25	27	29	29	27	3900	13
3370	23	24	24	25	27	27	28	29	3910	18
3380	29	30	30	29	30	32	33	34	3920	18
3390	34	34	34	34	34	33	29	25	3930	21
3400	24	20	15	13	10	9	9	3	3940	14
3410	1	0	2	3	1	0	0	-3	3950	3
3420	-6	-9	-9	-10	-10	-10	-10	-11	3960	7
3430	-12	-13	-13	-11	-11	-12	-11	-10	3970	5
3440	-13	-14	-15	-17	-18	-17	-17	-17	3980	15
3450	-17	-18	-20	-22	-24	-25	-26	-27	3990	16
3460	-29	-29	-29	-29	-29	-29	-29	-28	4000	4
3470	-27	-26	-25	-25	-25	-26	-26	-26	4010	-4
3480	-28	-27	-28	-28	-28	-27	-27	-26	4020	-11
3490	-26	-26	-27	-26	-26	-24	-23	-23	4030	-14
3500	-17	-14	-13	-13	-10	-7	-7	-2	4040	-6
3510	4	5	5	6	6	7	7	6	4050	15
3520	6	7	6	6	3	5	5	10	4060	12
3530	14	17	17	20	26	29	35	36	4070	12
3540	38	41	47	43	41	38	35	34	4080	-34
3550	31	30	27	24	20	21	21	20	4090	-28
3560	17	19	19	21	20	23	24	25	4100	-4
3570	36	38	42	45	47	47	48	49	4110	1
3580	45	44	42	41	39	37	35	34	4120	5
3590	34	34	31	29	28	27	26	25	4130	13
3600	21	18	14	13	13	11	9	7	4140	20
3610	1	-3	-7	-11	-15	-16	-16	-17	4150	21
3620	-21	-21	-21	-24	-24	-25	-27	-28	4160	22
3630	-31	-34	-36	-34	-32	-30	-28	-27	4170	25
3640	-25	-19	-18	-18	-18	-18	-19	-19	4180	9
3650	-19	-19	-21	-22	-23	-24	-24	-25	4190	4
3660	-27	-28	-26	-25	-27	-28	-27	-26	4200	-2
3670	-20	-17	-15	-10	-6	-1	3	3	4210	0
3680	13	13	13	14	14	14	14	16	4220	0
3690	20	20	20	20	20	17	13	13	4230	-9
3700	13	13	13	14	17	17	21	21	4240	-13
3710	24	27	30	34	37	36	31	24	4250	-3
3720	30	30	30	28	27	25	22	21	4260	1

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1063 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	-6	-4	0	1	2	3	5	6	7	6
4280	6	4	3	5	5	5	5	6	7	6
4290	4	2	0	3	-9	-9	-10	-16	-16	-14
4300	-12	-10	-11	-11	-11	-11	-11	-14	-19	-19
4310	-21	-24	-25	-25	-20	-20	-17	-13	-10	-9
4320	-7	-7	-7	-7	-7	-8	-8	-10	-10	-10
4330	-11	-10	-10	-10	-8	-7	-7	-9	-10	-9
4340	-9	-9	-9	-9	-5	-5	-4	-4	-3	-3
4350	-3	-3	-3	-3	-6	-6	-6	-5	-3	-1
4360	-1	0	2	3	3	3	4	4	4	4
4370	4	3	3	2	2	3	5	7	11	16
4380	19	20	22	23	24	23	20	17	17	15
4390	14	14	16	16	16	16	16	19	21	21
4400	23	22	23	23	22	22	19	19	19	19
4410	19	19	18	14	14	14	12	12	11	11
4420	10	9	9	9	8	8	8	5	5	3
4430	0	0	-1	0	-3	-4	-4	-4	-4	-4
4440	-4	-3	0	2	4	4	6	6	6	3
4450	4	4	4	4	6	10	11	10	13	14
4460	13	15	14	15	16	16	17	15	13	13
4470	11	10	10	10	10	10	9	9	9	9
4480	11	15	16	16	16	16	16	15	14	14
4490	13	13	12	12	12	12	12	12	12	12
4500	13	14	14	14	18	18	18	19	18	16
4510	16	15	14	13	12	13	13	12	10	9
4520	9	9	8	5	2	0	-5	-7	-8	-10
4530	-4	-6	-4	-4	-4	-6	-7	-8	-4	-4
4540	-10	-10	-11	-11	-10	-10	-10	-10	-10	-10
4550	-5	-4	-4	-5	-7	-7	-8	-10	-11	-11
4560	-14	-13	-12	-11	-10	-10	-10	-8	-7	-8
4570	-11	-10	-9	-9	-8	-8	-8	-8	-7	-8
4580	-10	-11	-13	-13	-13	-14	-14	-14	-16	-16
4590	-18	-18	-19	-19	-19	-18	-18	-19	-18	-17
4600	-16	-16	-15	-14	-13	-13	-13	-11	-9	-9
4610	-9	-8	-5	-3	-2	-1	0	1	1	2
4620	3	3	6	10	12	15	17	18	19	20
4630	20	21	21	26	30	31	31	32	34	34
4640	35	34	35	36	37	37	37	38	38	38
4650	38	39	38	37	36	36	36	35	34	32
4660	30	30	29	27	26	25	24	22	20	19
4670	17	17	17	17	14	14	13	9	8	7
4680	5	3	3	3	3	0	0	0	0	0
4690	0	-1	-3	-4	-6	-6	-7	-10	-10	-13
4700	-13	-16	-17	-20	-24	-28	-29	-31	-36	-39
4710	-36	-36	-36	-35	-31	-31	-30	-27	-29	-33
4720	-31	-31	-31	-32	-31	-31	-31	-31	-29	-28
4730	-27	-23	-23	-23	-24	-20	-19	-19	-19	-19
4740	-17	-17	-17	-17	-17	-17	-17	-16	-14	-13
4750	-13	-9	-6	-4	-3	0	0	0	2	2
4760	2	2	2	2	0	0	0	-4	-6	-6
4770	-7	-6	-9	-9	-9	-11	-13	-14	-18	-19
4780	-22	-25	-26	-27	-28	-29	-29	-30	-28	-28
4790	-27	-27	-26	-26	-26	-25	-25	-26	-26	-26
4800	-25	-25	-26	-24	-22	-22	-22	-22	-22	-22

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1063 DOWN )

CONTINUED ( S-1063 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	24	26	27	28	27	28	30	31	31	31	5890	-22	-22	-19	-17	-15	-11	-10	-11	-11	-12
5360	33	34	34	33	34	33	33	31	31	31	5900	-8	-4	-3	-3	-3	-3	-6	-5	-11	-11
5370	31	27	26	25	25	25	25	25	25	25	5910	0	0	0	2	5	9	12	14	15	15
5380	24	24	24	23	23	23	23	20	19	16	5920	16	16	17	20	21	23	23	23	24	24
5390	17	16	15	13	10	9	7	6	5	4	5930	24	24	24	25	24	24	25	25	24	24
5400	5	5	5	4	3	2	1	2	2	1	5940	23	23	23	23	21	20	20	19	18	18
5410	1	1	1	1	1	1	2	3	4	4	5950	18	18	17	16	14	14	13	8	7	7
5420	4	4	4	4	5	5	5	5	5	5	5960	7	7	7	10	2	4	4	5	0	0
5430	5	5	5	5	5	5	5	5	5	5	5970	1	1	1	2	2	1	2	4	7	6
5440	-1	-3	-3	-4	-4	-7	-9	-10	-11	-11	5980	-6	-6	-6	-6	-6	-7	-7	-7	-9	-8
5450	-11	-11	-11	-13	-15	-15	-16	-17	-18	-18	5990	-4	-3	-3	-1	0	0	-3	-6	-7	-8
5460	-17	-16	-15	-14	-14	-14	-13	-12	-12	-12	6000	-7	-5	-3	-2	0	0	1	0	0	1
5470	-12	-11	-11	-10	-9	-9	-9	-9	-9	-9	6010	1	0	-3	-4	-4	-4	-3	0	0	1
5480	-9	-9	-9	-9	-9	-9	-8	-8	-8	-8	6020	1	0	-2	-2	-2	-2	-4	-4	-4	-4
5490	-8	-7	-7	-7	-7	-7	-7	-7	-7	-7	6030	4	4	4	4	4	4	4	4	3	3
5500	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	6040	0	-2	-4	-4	-4	-4	-5	-6	-7	-7
5510	-15	-14	-17	-18	-19	-19	-18	-14	-14	-14	6050	-6	-6	-6	-2	-1	-1	-1	-1	-2	-3
5520	-17	-17	-18	-18	-18	-18	-18	-18	-18	-18	6060	-4	-4	-3	-2	-2	-2	-2	-2	-2	-3
5530	-17	-17	-18	-18	-18	-18	-18	-18	-18	-18	6070	1	2	5	7	7	7	7	7	7	7
5540	16	16	14	12	12	11	9	7	7	5	6080	13	13	13	14	14	15	17	8	10	10
5550	4	3	3	4	5	6	5	2	1	1	6090	18	17	17	19	18	18	18	18	18	18
5560	1	1	2	3	4	4	4	3	3	4	6100	18	17	19	19	18	18	18	18	19	14
5570	4	5	5	5	5	6	6	6	6	7	6110	13	13	13	12	13	9	8	7	9	10
5580	8	9	9	10	11	12	14	13	11	7	6120	6	4	4	4	4	4	4	4	4	4
5590	6	5	7	9	9	8	6	6	6	6	6130	-1	-1	-2	-2	-5	-6	-7	-7	-7	-8
5600	5	5	5	0	-1	-2	-3	-2	-2	-2	6140	-9	-10	-10	-10	-10	-10	-10	-10	-10	-10
5610	0	0	0	-4	-4	-4	-4	-4	-4	-4	6150	-11	-11	-11	-11	-11	-11	-11	-11	-11	-10
5620	-1	-4	-4	-4	-4	-4	-4	-4	-4	-4	6160	-10	-10	-10	-10	-10	-8	-7	-7	-7	-9
5630	-3	-5	-5	1	4	4	11	12	11	4	6170	-5	-4	-2	-2	-2	-2	-3	-3	-3	-3
5640	-1	-1	2	4	4	4	2	2	0	-2	6180	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
5650	-2	0	1	3	5	4	4	1	1	-1	6190	2	7	7	5	5	4	4	4	3	2
5660	0	3	6	7	8	8	10	8	9	10	6200	6	7	9	10	12	13	12	12	15	13
5670	12	12	11	11	12	12	12	14	16	15	6210	15	13	14	13	14	14	14	14	14	14
5680	12	10	8	7	7	8	9	10	10	8	6220	15	17	17	17	17	16	15	15	16	15
5690	6	5	4	3	3	3	4	5	6	4	6230	15	15	15	14	14	12	11	12	12	11
5700	2	1	2	2	1	1	1	1	1	0	6240	11	11	11	12	11	11	11	11	11	9
5710	1	1	1	1	1	1	1	1	1	1	6250	8	6	5	5	5	5	5	5	5	5
5720	9	11	13	14	15	10	7	5	5	7	6260	5	5	5	5	5	5	5	5	4	3
5730	0	1	3	6	9	10	7	3	0	-2	6270	1	1	2	2	2	2	0	0	0	0
5740	-3	0	1	3	5	4	3	1	-1	-2	6280	0	2	2	2	2	2	2	2	2	1
5750	-3	-1	0	2	2	2	2	2	2	10	6290	1	1	1	1	1	1	1	1	1	1
5760	6	2	-2	-4	-3	1	5	8	9	11	6300	-3	-3	-3	-3	-3	-3	-3	-3	-4	-4
5770	10	4	0	-4	-7	-7	-1	4	5	5	6310	0	1	1	2	2	2	2	1	1	1
5780	4	0	-4	-7	-9	-9	-6	-2	0	1	6320	0	-1	-1	-1	0	0	0	0	0	-3
5790	2	0	-3	-6	-8	-8	-6	-2	0	2	6330	-5	-6	-7	-7	-8	-9	-11	-11	-11	-12
5800	4	5	1	-2	-2	1	-2	1	3	7	6340	-14	-17	-19	-19	-19	-19	-19	-19	-17	-14
5810	10	11	11	7	5	8	10	14	16	14	6350	-12	-13	-14	-14	-13	-13	-13	-13	-13	-14
5820	12	9	6	6	8	11	13	13	14	14	6360	-16	-16	-16	-16	-17	-17	-17	-16	-15	-15
5830	13	9	5	2	1	3	4	8	10	11	6370	-15	-15	-15	-15	-15	-15	-14	-14	-14	-13
5840	13	14	12	7	2	0	0	0	0	2	6380	-13	-11	-10	-10	-10	-10	-9	-6	-6	-6
5850	3	2	-3	-6	-6	-10	-14	-18	-20	-20	6390	-9	-6	-6	-7	-6	-6	-6	-7	-3	-3
5860	-20	-20	-24	-24	-22	-24	-25	-25	-26	-26	6400	-5	-2	-3	-2	-3	-3	-4	-8	-9	-9
5870	-35	-24	-21	-21	-20	-21	-25	-26	-28	-29	6410	-6	-5	-5	-6	-6	-6	-6	-8	-9	-9
5880	-28	-25	-23	-23	-23	-23	-22	-22	-22	-22	6420	-2	-2	-2	-2	0	0	1	1	1	3

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1063 DOWN )										CONTINUED( S-1063 DOWN )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6430	4	4	4	3	3	4	2	3	3	5	7	23	-22	-22	-21	-21	-20	-19	-18	-17	-17
6440	7	7	5	4	4	4	3	4	4	3	1	-14	-13	-11	-10	-11	-11	-8	-7	-7	-7
6450	2	2	2	1	1	1	1	1	1	1	1	-7	-7	-5	-5	-4	-4	0	0	1	9
6460	7	7	6	6	6	6	6	6	6	6	6	7	3	3	3	3	5	8	9	9	9
6470	7	7	7	6	6	6	6	6	6	6	6	10	11	13	13	14	15	17	19	20	24
6480	7	7	6	6	6	6	6	6	6	6	4	22	23	23	24	25	25	24	24	24	24
6490	4	4	4	3	3	3	3	3	3	3	0	20	22	22	22	22	19	18	17	17	16
6500	-1	-1	-2	-4	-4	-4	-4	-4	-4	-4	-6	15	15	14	13	15	15	17	17	17	17
6510	-6	-5	-5	-5	-4	-4	-4	-4	-4	-4	-2	7050	17	18	18	18	18	19	18	18	18
6520	0	1	1	2	3	3	3	3	3	3	6	7060	17	17	16	16	14	14	14	13	12
6530	9	10	10	8	8	8	9	11	11	11	11	7070	11	9	9	10	8	5	3	3	3
6540	11	11	11	11	11	11	11	11	11	11	11	7080	3	3	3	3	0	0	0	0	0
6550	11	11	12	12	11	11	11	11	11	11	11	7090	1	1	1	2	0	0	0	0	0
6560	11	11	11	11	11	11	11	11	11	11	10	7100	1	1	1	0	0	0	0	0	0
6570	10	9	9	9	9	9	9	9	9	9	8	7110	0	0	0	0	0	0	0	0	0
6580	7	6	5	6	6	6	6	6	6	6	5	7120	0	1	2	0	0	0	0	0	0
6590	5	5	4	3	3	3	3	3	3	3	5	7130	-3	-3	-3	-3	-3	-3	-3	-3	-3
6600	3	0	-2	-2	0	2	2	2	2	2	4	7140	-3	-3	-4	-4	-4	-4	-4	-4	-4
6610	7	4	1	1	1	1	1	1	1	1	0	7150	-3	-3	-2	-2	-2	-2	-2	-2	-2
6620	-1	-2	-4	-4	-5	-5	-6	-8	-9	-10	0	7160	-4	-4	-4	-4	-4	-4	-4	-4	-4
6630	-10	-10	-11	-11	-11	-11	-12	-12	-12	-13	-13	7170	-7	-7	-6	-6	-6	-6	-6	-6	-6
6640	-12	-12	-13	-13	-12	-12	-12	-12	-12	-12	-12	7180	-7	-7	-5	-5	-5	-5	-5	-5	-5
6650	-11	-11	-11	-11	-10	-8	-7	-6	-6	-6	-6	7190	5	4	4	4	4	4	4	4	4
6660	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	7200	4	4	4	4	4	4	4	4	4
6670	-2	0	0	1	2	2	2	2	2	2	1	7210	9	9	9	9	9	9	9	9	9
6680	1	1	1	1	1	1	1	1	1	1	8	7220	13	12	11	11	12	13	13	13	13
6690	7	6	7	7	7	7	7	7	7	7	7	7230	3	3	3	3	3	3	3	3	3
6700	5	3	1	1	1	1	1	1	1	1	4	7240	-2	-2	-2	-2	-2	-2	-2	-2	-2
6710	-1	0	0	0	0	0	0	0	0	0	0	7250	-7	-7	-6	-6	-6	-6	-6	-6	-6
6720	0	0	0	0	-1	-2	-2	-2	-2	-2	-4	7260	-12	-11	-11	-12	-12	-12	-12	-12	-11
6730	-5	-6	-7	-8	-9	-9	-9	-9	-9	-9	-10	7270	-11	-11	-11	-11	-11	-11	-11	-11	-11
6740	-11	-10	-9	-9	-9	-9	-9	-9	-9	-9	-9	7280	-3	-3	-4	-4	-4	-4	-4	-4	-4
6750	-8	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	7290	-1	1	1	2	2	2	2	2	2
6760	-4	-4	-4	-5	-5	-5	-5	-5	-5	-5	-5	7300	1	1	1	1	1	1	1	1	1
6770	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	7310	-1	0	0	0	0	0	0	0	0
6780	0	1	1	1	1	1	1	1	1	1	1	7320	-4	-4	-4	-4	-4	-4	-4	-4	-4
6790	4	4	4	4	4	4	4	4	4	4	4	7330	0	0	0	0	0	0	0	0	0
6800	11	12	13	14	14	14	14	14	14	14	13	7340	-4	-3	-2	-2	-2	-2	-2	-2	-2
6810	14	14	14	13	11	11	11	11	11	11	10	7350	-3	-4	-4	-4	-4	-4	-4	-4	-4
6820	9	9	8	8	9	11	11	12	11	12	11	7360	-6	-5	-3	-3	-3	-3	-3	-3	-3
6830	12	10	10	11	12	12	12	12	12	13	13	7370	-3	-3	-2	-2	-2	-2	-2	-2	-2
6840	14	14	14	14	15	14	15	14	14	14	14	7380	-7	-7	-7	-7	-7	-7	-7	-7	-7
6850	14	14	14	15	11	11	11	11	11	11	11	7390	-7	-7	-6	-6	-6	-6	-6	-6	-6
6860	8	5	2	1	-1	-2	-2	-2	-2	-2	-2	7400	-6	-6	-6	-6	-6	-6	-6	-6	-6
6870	-4	-5	-5	-6	-6	-6	-6	-6	-6	-6	-6	7410	-3	-3	-3	-3	-3	-3	-3	-3	-3
6880	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	7420	-3	-3	-3	-3	-3	-3	-3	-3	-3
6890	-10	-10	-10	-11	-11	-11	-11	-11	-11	-11	-10	7430	-2	-1	1	1	1	1	1	1	1
6900	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	7440	1	1	1	1	1	1	1	1	1
6910	-9	-9	-8	-8	-9	-10	-11	-11	-11	-11	-11	7450	1	1	1	1	1	1	1	1	1
6920	-7	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	7460	0	0	0	0	0	0	0	0	0
6930	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	7470	0	0	0	0	0	0	0	0	0
6940	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	7480	-6	-6	-6	-6	-6	-6	-6	-6	-6
6950	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	7490	-6	-6	-6	-6	-6	-6	-6	-6	-6
6960	-23	-24	-25	-26	-28	-28	-27	-25	-25	-24	-24	7500	0	0	0	0	0	0	0	0	0

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1063 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
7510	1	3	3	3	3	3	3	3	3	3
7520	3	3	3	3	3	3	3	3	3	3
7530	3	3	3	3	3	3	3	3	3	3
7540	3	3	3	3	3	3	3	3	3	3
7550	4	4	4	4	4	4	4	4	4	4
7560	4	4	4	4	4	4	4	4	4	4
7570	4	3	3	3	3	3	3	3	3	3
7580	-2	-1	-1	0	0	0	0	0	0	0
7590	0	0	0	0	0	0	0	0	0	0
7600	0	0	0	0	0	0	0	0	0	0
7610	0	0	0	0	0	0	0	0	0	0
7620	0	0	0	0	0	0	0	0	0	0
7630	0	0	0	0	0	0	0	0	0	0
7640	0	0	0	0	0	0	0	0	0	0
7650	1	1	2	2	2	2	2	2	2	2
7660	3	3	3	3	3	3	3	3	3	3
7670	1	0	0	0	0	0	0	0	0	0
7680	0	0	0	0	0	0	0	0	0	0
7690	0	0	0	0	0	0	0	0	0	0
7700	3	3	3	3	3	3	3	3	3	3
7710	3	3	3	3	3	3	3	3	3	3
7720	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7730	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7740	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
7750	-11	-12	-12	-12	-12	-12	-12	-12	-12	-12
7760	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
7770	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
7780	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
7790	-11	-10	-8	-7	-7	-6	-5	-4	-3	-2
7800	-3	-1	-1	-1	-1	-1	-1	-1	-1	-1
7810	-1	1	3	5	5	4	4	4	4	4
7820	1	4	5	5	4	4	4	4	4	4
7830	5	5	4	4	4	4	4	4	4	4
7840	4	4	4	4	4	4	4	4	4	4
7850	5	6	6	7	7	7	7	7	7	7
7860	9	9	9	9	9	9	9	9	9	9
7870	10	10	12	12	12	12	12	12	12	12
7880	9	8	4	2	2	2	2	2	2	2
7890	6	6	4	4	4	4	4	4	4	4
7910	0	-3	-4	-4	-4	-4	-4	-4	-4	-4
7920	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
7930	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
7940	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
7950	-7	-7	-8	-8	-8	-8	-8	-8	-8	-8
7960	-11	-11	-11	-12	-13	-14	-14	-14	-14	-14
7970	-15	-15	-15	-16	-17	-17	-17	-17	-17	-17
7980	-14	-13	-13	-11	-10	-8	-7	-7	-6	-5
7990	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
8000	0	0	0	0	0	0	0	0	0	0
8010	3	5	5	5	5	5	5	5	5	5
8020	6	6	6	6	6	6	6	6	6	6
8030	12	13	12	12	12	13	12	12	12	12
8040	15	16	16	17	16	16	17	16	16	16

TO BF CONTINUED

CONTINUED ( S-1063 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8050	15	14	14	14	14	14	13	13	13	13
8060	13	13	13	13	14	16	16	15	15	15
8070	15	15	15	15	14	14	13	11	11	10
8080	9	8	6	6	6	6	6	5	3	2
8090	1	0	0	0	0	0	0	-1	-1	-1
8100	-2	-4	-5	-4	-5	-6	-6	-6	-7	-8
8110	-8	-10	-13	-14	-15	-15	-15	-15	-15	-15
8120	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
8130	-16	-17	-18	-20	-20	-20	-20	-20	-20	-20
8140	-20	-20	-21	-20	-20	-20	-20	-20	-20	-20
8150	-20	-20	-20	-20	-21	-21	-19	-18	-19	-18
8160	-18	-18	-18	-17	-16	-15	-14	-14	-11	-11
8170	-11	-9	-8	-8	-8	-7	-7	-4	-4	-4
8180	-3	-3	-1	0	2	2	2	2	6	6
8190	6	6	6	6	6	6	6	6	6	6
8200	6	6	6	6	6	6	6	6	6	6
8210	6	6	6	6	6	6	6	6	6	6
8220	6	6	6	6	6	6	6	6	6	6
8230	6	6	6	6	6	6	6	6	6	6
8240	6	6	6	6	6	6	6	6	6	6
8250	9	9	9	9	9	9	9	9	9	9
8260	9	9	9	9	9	9	9	9	9	9
8270	6	6	5	4	3	2	0	1	1	1
8280	0	0	1	1	1	1	1	1	1	1
8290	0	0	1	1	1	1	1	1	1	1
8300	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8310	-2	-1	-1	-1	-2	-2	-2	-2	-2	-2
8320	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8330	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4
8340	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8350	-2	-3	-3	-2	-2	-3	-3	-3	-3	-3
8360	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8370	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8380	0	0	0	0	0	0	0	0	0	0
8390	0	0	0	0	0	0	0	0	0	0
8400	6	6	6	6	6	6	6	6	6	6
8410	10	10	10	10	10	10	10	10	10	10
8420	9	9	8	8	8	8	8	8	8	8
8430	2	2	2	2	2	2	2	2	2	2
8440	2	2	2	2	2	2	2	2	2	2
8450	2	2	2	2	2	2	2	2	2	2
8460	4	4	4	4	4	4	4	4	4	4
8470	5	5	5	5	5	5	5	5	5	5
8480	5	4	4	4	4	4	4	4	4	4
8490	-3	-4	-5	-5	-5	-5	-5	-5	-5	-5
8500	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8510	0	1	1	1	1	1	1	1	1	1
8520	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8530	0	0	0	0	0	0	0	0	0	0
8540	0	0	0	0	0	0	0	0	0	0
8550	-2	-1	0	0	1	1	1	1	1	1
8560	8	7	3	3	3	3	3	3	3	3
8570	10	8	8	8	8	8	8	8	8	8
8580	3	3	3	3	3	3	3	3	3	3

TO BF CONTINUED



CONTINUED( S-1063 DOWN )										CONTINUED( S-1063 DOWN )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8590	-8	-8	-8	-9	-10	-9	-5	0	2	3	9130	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8600	5	5	5	4	1	0	0	-1	-5	-13	9140	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8610	-13	-13	-11	-8	-5	-2	7	12	16	16	9150	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8620	16	15	13	6	1	-4	-6	-19	-10	-8	9160	-1	0	0	1	1	2	3	3	3	3
8630	-5	-1	2	8	12	14	16	17	17	17	9170	3	2	2	1	0	0	-1	-2	-4	-5
8640	16	13	11	9	9	6	3	3	0	3	9180	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8650	-4	-4	-3	-3	-2	1	3	8	6	10	9200	-5	-5	-5	-5	-5	-4	-2	-1	0	0
8660	11	12	12	9	8	3	0	0	-4	-6	9210	0	0	0	0	0	-7	-6	-6	-6	-6
8670	-7	-9	-10	-10	-10	-6	-2	7	9	10	9220	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
8680	10	11	7	5	4	-2	-6	-12	-6	-18	9230	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
8690	-6	-6	-5	-15	-15	-15	-15	-14	-11	-8	9240	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
8700	-7	-6	-5	-15	-15	-15	-15	-14	-11	-8											
8710	-6	-8	-11	-13	-11	-9	-7	-5	-5	-2											
8720	0	1	0	-1	-3	-2	-3	-3	-4	-6											
8730	-8	-8	-7	-6	-6	-6	-6	-6	-6	-6											
8740	6	5	5	4	1	-3	-6	-11	-14	-14											
8750	-2	-9	-6	-4	-1	2	6	10	10	10											
8760	10	9	5	2	1	-1	-3	-5	-6	-6											
8770	-4	-3	0	0	0	0	1	2	2	3											
8780	5	6	6	6	6	5	3	2	2	1											
8790	0	-1	-1	0	0	0	-3	-6	-9	-9											
8800	-8	-7	-4	0	2	0	3	5	6	6											
8810	6	3	1	0	0	0	-3	-5	-5	-5											
8820	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5											
8830	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4											
8840	-11	-10	-10	-10	-10	-10	-10	-9	-12	-12											
8850	0	0	0	0	0	-2	-5	-6	-6	-6											
8860	-5	-2	0	-1	-2	-1	0	0	0	0											
8870	0	0	0	0	0	0	0	0	0	0											
8880	0	-5	-5	-5	-5	-5	-5	-5	-5	-5											
8890	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5											
8900	-1	3	3	3	3	3	3	3	3	3											
8910	3	3	3	3	3	3	3	3	3	3											
8920	3	3	3	3	3	3	3	3	3	3											
8930	3	3	3	3	3	3	3	3	3	3											
8940	3	3	3	3	3	3	3	3	3	3											
8950	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2											
8960	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2											
8970	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8											
8980	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2											
8990	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5											
9000	-1	-1	0	1	2	1	2	2	2	2											
9010	2	2	2	2	2	2	2	2	2	2											
9020	2	2	2	2	2	2	2	2	2	2											
9030	7	7	7	7	7	7	7	7	7	7											
9040	0	0	0	0	0	0	0	0	0	0											
9050	5	7	7	6	7	5	3	3	4	6											
9060	5	7	7	6	7	5	3	3	4	6											
9070	0	1	1	1	1	1	1	1	1	1											
9080	1	1	1	1	1	1	1	1	1	1											
9090	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1											
9100	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2											
9110	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2											
9120	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2											

TO BE CONTINUED

END

RECORD = S-1066 COMPONENT = SOUTH STATION = SHIMIZU-KIHO-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 9200  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC.  
 CONNECTION POINT IN DATA NUMBER= 4667, 9200,

CONTINUED ( S-1066 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
10	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
20	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33
30	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33
40	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
50	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
60	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31
70	-22	-20	-18	-15	-13	-11	-9	-8	-6	-4
80	-3	-2	-2	-2	-1	0	0	0	0	0
90	0	0	0	1	1	1	1	1	1	1
100	0	0	0	2	3	2	4	4	4	5
110	7	7	8	7	7	4	4	6	8	10
120	11	10	9	8	7	7	7	5	5	4
130	4	4	5	5	5	3	3	3	4	5
140	5	5	7	9	8	7	6	6	6	5
150	6	6	6	6	6	6	7	6	10	10
160	10	10	10	10	10	10	10	9	8	9
170	9	8	7	7	7	8	8	7	8	11
180	11	12	13	12	13	12	13	15	15	15
190	14	14	13	11	11	4	4	3	4	4
200	5	5	5	5	16	16	13	10	8	9
210	13	14	14	15	16	16	13	10	9	9
220	9	8	7	8	8	8	9	10	9	9
230	9	7	6	6	4	3	3	2	3	3
240	5	6	6	6	7	8	7	6	5	4
250	4	4	4	5	6	4	2	-1	-1	-2
260	-2	-2	-2	-1	-3	-5	-5	-4	-2	-1
270	0	0	0	5	8	12	16	19	20	22
280	21	20	21	20	21	22	25	25	24	20
290	16	12	8	3	1	0	0	0	-4	-3
300	-4	-3	0	-1	5	3	3	6	6	6
310	6	7	10	16	20	22	22	23	26	27
320	6	7	15	13	12	11	9	8	8	7
330	6	0	-4	-7	-12	-15	-13	-11	-8	-5
340	-6	-5	-6	-9	-13	-15	-15	-14	-13	-11
350	-10	-10	-9	-7	-5	-2	0	-1	-4	-9
360	-15	-19	-18	-15	-7	-3	-7	-6	-7	-10
370	-11	-11	-6	0	4	5	7	8	7	5
380	4	2	-3	-7	-11	-14	-13	-10	-6	-4
390	-3	-2	-6	-8	-6	-4	1	5	1	1
400	0	-1	0	6	11	13	13	13	13	13
410	16	20	27	33	39	44	47	48	51	48
420	44	39	34	29	25	18	14	13	13	13
430	11	10	12	14	14	11	11	11	11	11
440	12	13	14	17	20	21	21	21	22	23
450	27	32	37	38	37	35	31	25	17	13
460	14	17	19	19	19	18	15	12	10	8
470	6	4	1	-1	-6	-9	-10	-12	-12	-12
480	-13	-15	-15	-15	-12	-10	-6	-2	0	1

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1066 SOUTH )

Table with 10 columns: NO., ( 1 ), ( 2 ), ( 3 ), ( 4 ), ( 5 ), ( 6 ), ( 7 ), ( 8 ), ( 9 ), ( 10 ). Contains numerical data for various rows.

TO BE CONTINUED

CONTINUED ( S-1066 SOUTH )

Table with 10 columns: NO., ( 1 ), ( 2 ), ( 3 ), ( 4 ), ( 5 ), ( 6 ), ( 7 ), ( 8 ), ( 9 ), ( 10 ). Contains numerical data for various rows.

TO BE CONTINUED

CONTINUED( S-1066 SOUTH )

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2110	-7	0	4	5	5	4	2	-2	-7	-15
2120	-25	-37	-60	-81	-96	-114	-124	-129	-129	-129
2130	-129	-132	-134	-138	-142	-148	-156	-160	-162	-162
2140	-161	-158	-149	-143	-137	-125	-105	-99	-87	-85
2150	-94	-91	-89	-88	-83	-85	-80	-74	-66	-56
2160	-44	-36	-27	-18	-8	0	6	16	25	31
2170	39	45	51	59	68	75	81	87	91	96
2180	104	105	112	116	119	121	123	123	121	112
2190	109	101	87	72	58	44	31	19	11	13
2200	30	20	1	-15	-36	-57	-71	-82	-88	-92
2210	-94	-86	-97	-103	-110	-111	-111	-109	-102	-102
2220	-97	-88	-81	-75	-68	-64	-61	-62	-65	-65
2230	-67	-69	-70	-71	-72	-72	-75	-75	-75	-77
2240	-82	-86	-91	-97	-103	-109	-112	-113	-115	-116
2250	-118	-117	-116	-113	-110	-108	-102	-99	-96	-96
2260	-92	-89	-87	-85	-83	-82	-80	-76	-73	-71
2270	-69	-66	-66	-66	-66	-66	-64	-61	-58	-56
2280	-97	-102	-106	-112	-117	-123	-131	-137	-142	-147
2290	-150	-154	-159	-163	-165	-166	-168	-170	-170	-170
2300	-171	-171	-171	-171	-171	-169	-168	-166	-163	-163
2310	-161	-159	-156	-153	-149	-145	-139	-132	-126	-118
2320	-110	-101	-97	-92	-88	-85	-79	-79	-75	-72
2330	-72	-70	-70	-67	-65	-61	-58	-53	-42	-33
2340	-23	-16	-12	-4	6	14	21	30	40	52
2350	62	72	81	88	94	99	103	105	106	108
2360	109	107	103	100	97	92	87	81	76	73
2370	70	68	68	66	64	63	60	57	57	57
2380	57	57	59	60	61	62	61	62	65	67
2390	64	65	64	64	63	62	61	62	62	63
2400	63	65	67	69	72	73	74	75	80	82
2410	83	85	91	93	95	98	101	103	103	105
2420	107	109	111	114	117	120	124	128	130	131
2430	131	129	128	128	127	123	121	119	115	112
2440	108	104	100	94	84	78	73	67	60	53
2450	48	42	37	32	24	18	13	10	7	3
2460	0	0	0	-1	0	0	0	0	-1	-2
2470	0	0	1	4	7	8	10	10	10	11
2480	12	11	8	6	4	0	-3	-3	-3	-3
2490	-2	1	8	14	20	25	28	32	35	38
2500	42	46	52	58	59	62	62	65	66	67
2510	69	71	72	72	72	71	73	74	75	75
2520	76	77	79	78	77	79	80	80	80	80
2530	81	79	79	78	76	76	72	69	66	61
2540	58	54	51	48	44	41	37	32	27	24
2550	20	17	17	16	18	18	18	20	21	23
2560	23	28	31	38	39	44	49	53	59	66
2570	73	79	85	88	86	87	84	79	74	68
2580	60	54	44	36	33	25	17	14	14	14
2590	4	1	-1	-4	-7	-8	-11	-14	-17	-19
2600	-18	-17	-16	-16	-16	-18	-21	-23	-26	-30
2610	-33	-34	-38	-39	-38	-36	-35	-34	-34	-34
2620	-34	-34	-34	-34	-34	-34	-34	-34	-34	-32
2630	-28	-21	-16	-11	-6	-1	0	2	4	4
2640	5	7	17	27	34	41	48	54	60	66

TO BE CONTINUED

TO BE CONTINUED

## CONTINUED ( S-1064 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	-37	-58	-41	-44	-47	-49	-49	-50	-52	-49
3200	-49	-51	-41	-49	-49	-48	-48	-47	-44	-44
3210	-44	-43	-41	-38	-37	-36	-34	-31	-29	-27
3220	-26	-27	-28	-30	-32	-34	-37	-38	-43	-48
3230	-49	-53	-57	-58	-59	-58	-58	-56	-54	-56
3240	-56	-56	-58	-58	-60	-61	-61	-61	-59	-58
3250	-47	-55	-54	-53	-51	-48	-47	-45	-44	-47
3260	-46	-47	-48	-50	-52	-53	-54	-55	-56	-58
3270	-64	-67	-70	-75	-82	-86	-90	-95	-103	-110
3280	-116	-123	-130	-134	-140	-145	-151	-156	-167	-160
3290	-162	-166	-167	-166	-162	-162	-160	-155	-152	-152
3300	-150	-148	-144	-139	-135	-131	-129	-127	-124	-119
3310	-114	-110	-105	-101	-98	-94	-88	-82	-78	-76
3320	-72	-67	-62	-58	-57	-55	-50	-47	-43	-42
3330	-37	-33	-28	-27	-26	-23	-18	-14	1	1
3340	-12	-10	-6	-3	1	3	5	8	9	10
3350	12	12	14	16	15	17	19	20	22	22
3360	25	27	29	30	31	32	34	35	37	37
3370	37	38	38	37	35	32	30	27	24	24
3380	23	23	22	20	19	19	19	21	22	22
3390	23	25	25	24	23	23	24	27	27	28
3400	29	29	29	28	29	29	29	30	31	31
3410	30	31	30	31	31	31	31	28	27	27
3420	27	27	28	29	31	31	32	34	34	33
3430	28	29	31	31	31	31	32	34	34	33
3440	33	32	31	28	29	29	29	29	29	28
3450	29	30	32	32	32	31	30	31	29	29
3460	29	30	31	30	31	32	34	36	38	40
3470	41	43	45	47	49	52	55	58	62	62
3480	66	70	74	78	81	85	89	93	96	100
3490	106	110	112	113	114	116	116	116	117	117
3500	117	117	119	120	122	123	123	124	125	126
3510	126	128	128	127	126	123	122	120	117	117
3520	115	113	109	105	103	101	99	97	96	96
3530	96	95	93	96	98	99	101	103	102	99
3540	98	95	93	91	89	87	86	86	88	86
3550	86	86	88	88	87	85	83	84	83	83
3560	84	84	84	84	83	83	83	83	82	82
3570	80	81	81	80	77	74	72	67	63	60
3580	55	50	45	40	35	30	24	19	14	9
3590	6	3	0	-3	-5	-7	-9	-9	-11	-13
3600	-15	-15	-15	-17	-19	-21	-25	-27	-29	-31
3610	-34	-37	-41	-43	-47	-51	-55	-59	-61	-62
3620	-64	-67	-69	-72	-75	-78	-80	-82	-85	-88
3630	-91	-93	-94	-96	-100	-101	-103	-106	-108	-109
3640	-110	-110	-112	-113	-114	-116	-117	-118	-117	-115
3650	-115	-115	-115	-114	-112	-111	-111	-111	-110	-110
3660	-109	-107	-106	-107	-106	-107	-106	-105	-104	-104
3670	-105	-105	-107	-107	-108	-109	-109	-110	-110	-111
3680	-112	-113	-114	-114	-117	-118	-118	-118	-118	-118
3690	-116	-115	-114	-114	-111	-111	-111	-111	-111	-111
3700	-111	-111	-110	-109	-108	-105	-105	-101	-101	-99
3710	-96	-94	-91	-87	-85	-84	-82	-81	-80	-76
3720	-73	-70	-69	-69	-69	-68	-67	-65	-65	-65

TO BE CONTINUED

## CONTINUED ( S-1066 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3730	-65	-65	-66	-69	-71	-73	-74	-74	-74	-72
3740	-71	-69	-68	-66	-64	-63	-62	-64	-57	-55
3750	-54	-52	-49	-44	-40	-39	-35	-34	-30	-28
3760	-24	-21	-20	-14	-12	-10	-10	-2	0	0
3770	2	8	8	12	15	20	23	26	30	33
3780	35	39	44	44	48	51	54	57	60	63
3790	65	67	70	75	77	79	82	86	91	93
3800	94	96	98	101	105	108	110	111	113	115
3810	114	119	121	121	120	120	118	117	117	117
3820	114	110	109	103	107	104	104	103	100	98
3830	96	94	93	91	89	90	88	86	84	82
3840	78	76	72	71	69	67	66	62	59	58
3850	57	54	50	50	49	45	45	45	45	42
3860	39	39	35	35	35	31	28	26	24	20
3870	18	14	10	7	4	1	0	-3	-3	-3
3880	-3	-5	-9	-9	-9	-8	-8	-7	-6	-6
3890	-5	-5	-2	-2	-2	0	0	2	3	4
3900	6	9	10	12	13	17	20	22	24	26
3910	28	31	35	37	37	39	42	44	46	49
3920	50	51	53	56	58	58	58	56	53	51
3930	50	48	47	45	44	42	38	37	35	32
3940	29	25	24	23	22	22	20	19	18	17
3950	14	11	9	7	6	7	6	4	2	2
3960	-8	-9	-10	-11	-14	-16	-16	-18	-20	-21
3970	-21	-21	-23	-23	-25	-26	-26	-28	-31	-33
3980	-36	-36	-39	-42	-42	-42	-44	-48	-49	-49
3990	-52	-56	-58	-58	-61	-61	-65	-66	-64	-63
4000	-63	-63	-63	-63	-60	-56	-56	-54	-51	-50
4010	-51	-49	-45	-44	-41	-39	-39	-37	-35	-33
4020	-29	-26	-25	-24	-22	-19	-15	-14	-11	-10
4030	-10	-10	-8	-7	-6	-5	-4	-3	-2	-1
4040	0	1	0	0	2	1	0	0	2	2
4050	2	2	2	2	3	5	5	5	6	7
4060	7	7	7	7	8	11	12	12	12	15
4070	20	24	25	27	31	33	37	42	43	44
4080	44	44	46	50	56	58	62	66	70	74
4090	77	77	78	80	81	81	81	81	81	81
4100	81	80	80	80	79	79	80	80	80	82
4110	83	83	82	81	80	79	78	75	73	73
4120	83	83	82	81	80	79	78	75	73	73
4130	70	68	66	66	65	63	61	58	55	50
4140	47	44	42	39	36	33	32	30	28	26
4150	27	26	23	20	18	16	16	14	10	10
4160	8	8	7	6	4	2	1	0	-2	-2
4170	-8	-10	-10	-12	-15	-18	-17	-16	-17	-19
4180	-22	-26	-28	-30	-32	-34	-36	-38	-40	-41
4190	-40	-42	-44	-44	-45	-48	-47	-45	-44	-44
4200	-45	-48	-48	-50	-53	-54	-55	-56	-58	-59
4210	-61	-62	-64	-64	-65	-66	-70	-71	-69	-68
4220	-68	-69	-71	-72	-72	-72	-71	-69	-68	-68
4230	-66	-68	-68	-67	-65	-65	-65	-64	-63	-63
4240	-62	-61	-58	-56	-55	-55	-55	-54	-49	-48
4250	-48	-48	-45	-45	-45	-39	-37	-33	-29	-28
4260	-26	-25	-24	-25	-24	-24	-23	-22	-20	-18

TO BE CONTINUED

## CONTINUED ( S-1066 SOUTH )

## CONTINUED ( S-1066 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	-15	-14	-12	-10	-9	-9	-8	-6	-5	-4
4280	-2	1	0	1	1	1	1	1	3	5
4290	4	4	3	1	1	1	1	1	1	1
4300	0	-2	-2	-2	-3	-6	-8	-8	-9	-10
4310	-12	-15	-16	-17	-20	-20	-20	-20	-24	-23
4320	-28	-26	-27	-27	-29	-32	-33	-33	-34	-34
4330	-34	-34	-36	-36	-35	-36	-36	-36	-34	-34
4340	-34	-34	-33	-33	-33	-30	-29	-27	-25	-25
4350	-26	-26	-25	-25	-23	-23	-23	-23	-23	-23
4360	-23	-22	-22	-22	-23	-23	-19	-19	-19	-19
4370	-17	-18	-18	-16	-15	-14	-11	-10	-10	-10
4380	9	-7	-5	-3	-1	0	3	7	11	14
4390	17	20	23	25	26	27	29	30	32	33
4400	36	40	43	44	48	54	58	62	65	67
4410	70	72	74	74	77	80	84	87	91	92
4420	95	98	98	98	102	102	105	106	108	109
4430	110	113	115	116	117	118	120	120	122	124
4440	126	127	127	127	127	129	130	131	133	133
4450	135	135	134	134	136	136	136	136	135	134
4460	136	135	136	136	136	136	136	136	135	134
4470	133	131	130	129	126	124	119	116	114	110
4480	105	100	98	93	84	79	76	72	68	64
4490	59	54	50	44	38	34	30	28	23	15
4500	10	-29	-34	-38	-42	-46	-48	-49	-49	-49
4510	-24	-52	-54	-56	-58	-59	-60	-62	-64	-64
4520	-50	-64	-65	-65	-64	-64	-64	-63	-64	-64
4530	-64	-66	-67	-66	-68	-68	-68	-69	-71	-72
4540	-74	-76	-77	-78	-78	-77	-75	-75	-75	-75
4550	-74	-76	-78	-78	-79	-80	-82	-81	-81	-78
4560	-78	-78	-78	-78	-76	-74	-74	-74	-74	-74
4570	-78	-75	-77	-78	-77	-75	-77	-77	-75	-75
4580	-75	-77	-78	-78	-79	-79	-79	-78	-75	-73
4590	-73	-70	-68	-68	-66	-66	-66	-65	-64	-64
4600	-63	-62	-60	-58	-55	-54	-53	-53	-54	-51
4610	-47	-44	-43	-40	-38	-37	-35	-34	-33	-31
4620	-28	-25	-23	-20	-18	-16	-15	-13	-11	-9
4630	-28	-25	-23	-20	-18	-16	-15	-13	-11	-9
4640	14	17	18	19	20	20	20	21	21	23
4650	22	22	21	28	32	28	28	23	23	23
4660	33	33	33	33	30	30	30	30	30	30
4670	20	20	20	20	20	20	21	21	21	21
4680	21	21	21	21	22	22	22	22	20	16
4690	18	18	18	17	16	15	14	14	14	14
4700	13	13	13	12	12	12	12	12	12	11
4710	10	10	11	12	13	14	15	15	16	16
4720	13	13	13	13	14	15	15	16	16	16
4730	16	16	17	19	20	21	21	21	21	21
4740	16	17	17	19	20	21	21	21	21	21
4750	20	21	22	22	23	24	25	26	26	26
4760	30	30	33	31	31	34	33	33	33	36
4770	39	39	39	39	41	41	42	42	42	43
4780	43	43	43	43	42	42	40	39	38	36
4790	35	34	34	34	34	35	35	35	35	35
4800	35	35	35	35	35	35	35	35	35	34

TO BE CONTINUED

TO BE CONTINUED

CONTINUED: S-1066 SOUTH )

CONTINUED: S-1066 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	-62	-60	-57	-55	-54	-51	-49	-47	-45	-44
5360	-41	-38	-35	-34	-32	-30	-28	-27	-25	-22
5370	-19	-17	-15	-14	-13	-12	-11	-10	-9	-8
5380	-8	-6	-5	-4	-4	-5	-5	-4	-5	-5
5390	-5	-6	-6	-6	-6	-6	-6	-6	-6	-6
5400	-7	-6	-6	-6	-6	-6	-6	-6	-6	-6
5410	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
5420	-20	-21	-22	-24	-26	-27	-27	-27	-27	-27
5430	-34	-35	-34	-35	-37	-38	-40	-41	-41	-41
5440	-43	-43	-43	-44	-44	-44	-44	-44	-44	-44
5450	-39	-37	-34	-32	-30	-28	-27	-24	-23	-18
5460	-14	-11	-7	-1	0	2	4	6	7	10
5470	13	17	14	16	15	15	16	17	17	18
5480	20	22	23	25	26	27	29	31	29	31
5490	34	35	36	39	42	43	45	47	47	47
5500	47	49	50	52	53	53	53	53	53	53
5510	54	54	54	54	55	57	58	58	57	58
5520	57	58	60	61	63	64	65	66	67	68
5530	71	72	72	72	71	71	69	68	68	68
5540	66	64	64	64	64	63	62	59	57	54
5550	51	50	48	47	45	43	40	36	35	32
5560	29	28	26	24	21	17	11	10	7	3
5570	-2	-8	-7	-5	-16	-19	-17	-23	-26	-30
5580	-3	-3	-7	-3	-4	-4	-4	-4	-4	-4
5590	-4	-7	-7	-7	-7	-7	-7	-7	-7	-7
5600	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
5610	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44
5620	-52	-54	-53	-54	-54	-54	-54	-54	-54	-54
5630	-53	-53	-52	-51	-50	-50	-50	-50	-50	-50
5640	-49	-48	-47	-46	-45	-44	-44	-44	-44	-44
5650	-40	-39	-38	-39	-40	-40	-39	-38	-37	-36
5660	-36	-35	-33	-32	-31	-30	-29	-28	-27	-26
5670	-25	-24	-23	-22	-19	-17	-16	-15	-13	-12
5680	-10	-9	-8	-5	-3	-3	-3	-2	-2	-2
5690	-1	0	0	1	3	4	5	4	5	6
5700	5	5	6	8	8	10	12	15	17	18
5710	18	21	22	23	24	25	26	26	26	27
5720	27	27	28	28	28	29	28	27	27	27
5730	27	27	28	28	28	29	29	29	30	30
5740	32	33	34	33	33	33	33	33	34	33
5750	35	36	37	38	39	36	36	36	35	33
5760	32	31	31	32	29	28	28	28	28	28
5770	28	27	26	25	24	23	22	22	22	22
5780	21	21	21	20	20	20	20	20	20	20
5790	19	19	19	19	19	18	18	16	13	12
5800	11	10	9	9	8	8	8	7	5	4
5810	4	4	4	4	4	4	4	4	4	4
5820	4	4	4	4	4	4	4	4	4	4
5830	-2	-3	-4	-4	-9	-11	-11	-11	-11	-11
5840	-15	-16	-17	-20	-21	-21	-22	-22	-22	-22
5850	-22	-21	-21	-18	-16	-17	-17	-17	-15	-13
5860	-11	-10	-9	-7	-6	-5	-4	-2	0	0
5870	0	1	1	1	3	4	4	4	5	6
5880	8	10	12	14	15	18	18	21	24	25

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1066 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6630	30	31	33	36	37	39	40	40	41	43	6970	21	21	21	21	21	21	21	21	21
6640	43	44	43	43	43	43	43	44	44	44	6980	22	21	20	20	21	21	21	21	21
6650	45	45	45	45	45	45	45	45	45	45	6990	18	18	18	18	19	18	18	18	18
6660	45	45	45	45	45	46	46	47	47	47	7000	14	14	14	14	15	15	15	15	14
6670	47	47	47	47	47	47	47	47	47	47	7010	9	10	10	10	10	10	10	10	9
6680	40	40	39	37	36	35	33	33	32	30	7020	10	10	10	10	9	8	8	8	9
6690	30	29	29	25	22	20	19	17	15	14	7030	10	10	9	9	9	8	8	8	9
6500	13	11	9	8	7	7	6	6	5	4	7040	13	14	14	15	16	16	16	15	15
6510	3	2	0	0	0	0	0	0	0	0	7050	15	16	16	16	16	16	17	18	20
6520	8	19	10	11	12	13	13	13	13	13	7060	15	16	16	16	16	16	17	18	20
6530	15	19	22	23	26	27	28	28	28	29	7070	22	22	23	23	24	24	24	24	22
6540	30	30	30	30	30	30	30	30	30	30	7080	22	21	21	21	21	20	19	20	20
6550	30	30	30	30	30	30	31	31	31	31	7090	12	11	10	9	6	4	3	1	0
6560	31	31	31	31	31	31	31	34	34	34	7100	12	11	10	9	6	4	3	1	0
6570	33	34	34	34	34	34	34	34	34	34	7110	11	12	12	13	13	13	13	13	13
6580	34	34	34	34	34	34	34	34	34	34	7120	11	12	12	13	13	13	13	13	13
6590	37	37	37	37	38	38	38	38	38	40	7130	22	22	22	22	22	22	22	22	22
6600	40	40	40	40	41	42	42	42	42	41	7140	22	22	22	22	22	22	22	21	21
6610	41	41	41	41	41	42	42	42	42	41	7150	21	20	17	17	15	15	13	12	12
6620	44	44	44	44	44	44	44	44	44	40	7160	12	12	11	9	9	8	8	4	4
6630	44	47	47	46	47	47	47	47	47	47	7170	11	11	11	11	11	11	11	11	11
6640	38	36	36	36	35	35	33	33	33	32	7180	11	11	11	11	11	11	11	11	11
6650	29	27	27	27	26	25	24	23	23	20	7190	6	6	6	6	6	6	6	6	6
6660	12	10	8	6	5	4	4	4	4	4	7200	12	12	13	14	15	15	15	15	16
6670	4	5	8	11	12	14	14	15	16	17	7210	16	16	17	17	19	19	19	19	21
6680	19	21	21	23	24	26	28	28	29	30	7220	16	16	17	19	19	19	19	19	21
6690	32	34	34	35	36	37	37	36	44	45	7230	21	22	22	23	24	25	25	25	25
6700	46	46	47	47	48	49	50	51	51	52	7240	25	25	25	25	25	25	25	25	25
6710	52	52	53	53	53	53	53	53	51	50	7250	22	22	22	22	22	22	22	22	22
6720	48	48	47	45	43	42	40	38	37	36	7260	17	17	16	15	15	15	15	15	15
6730	33	31	28	25	25	25	23	22	22	21	7270	13	12	12	11	10	6	5	3	2
6740	21	20	18	18	17	15	15	14	12	11	7280	0	0	0	0	1	2	4	6	7
6750	10	8	6	5	4	3	0	0	0	0	7290	8	8	11	13	15	17	19	19	19
6760	0	0	1	0	1	2	0	0	0	0	7300	19	19	20	20	19	19	20	22	22
6770	6	6	6	6	6	6	6	6	6	6	7310	22	22	22	23	24	25	25	25	25
6780	6	6	6	6	6	6	6	6	6	6	7320	27	27	27	27	27	27	27	27	27
6790	17	15	15	16	17	18	18	18	17	17	7330	21	21	21	21	21	21	21	21	21
6800	17	17	17	17	17	17	17	17	17	17	7340	21	21	21	21	21	21	21	21	21
6810	17	18	18	18	18	18	18	18	18	18	7350	20	20	20	20	19	19	19	20	20
6820	12	12	12	12	12	12	12	12	12	12	7360	18	18	18	18	18	18	18	18	18
6830	12	12	12	12	12	12	11	9	8	7	7370	18	17	17	17	17	16	16	16	16
6840	7	7	7	7	7	7	7	7	7	8	7380	15	15	14	14	14	14	14	14	14
6850	10	10	10	10	11	12	13	13	13	13	7390	11	11	11	11	11	11	11	11	11
6860	13	13	13	13	15	16	16	16	16	16	7400	10	10	10	10	10	10	10	10	10
6870	16	16	16	16	16	16	16	16	16	16	7410	10	10	10	10	9	8	5	5	5
6880	17	17	17	17	17	17	17	17	17	17	7420	0	0	0	0	1	0	0	0	0
6890	16	15	15	15	15	15	15	15	15	15	7430	13	14	15	15	15	15	15	15	15
6900	13	13	13	13	13	13	13	13	13	13	7440	20	20	20	20	21	21	21	21	21
6910	16	16	16	16	16	16	16	16	16	16	7450	25	26	26	26	26	26	26	26	26
6920	6	5	5	5	5	5	5	5	5	5	7460	28	28	28	28	28	28	28	28	28
6930	6	6	6	6	6	6	6	6	6	6	7470	28	28	28	28	28	28	28	28	28
6940	12	13	14	15	17	18	18	18	18	18	7480	22	19	20	18	19	16	14	14	12
6950	16	16	16	16	16	16	16	16	16	16	7490	14	13	11	10	10	10	10	10	10
6960	18	18	18	18	19	19	19	20	20	21	7500	3	3	2	2	1	1	1	1	1

TO BE CONTINUED

TO BE CONTINUED



CONTINUED ( S-1066 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
7510	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7520	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7530	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7540	2	2	3	3	3	3	3	3	3	3
7550	3	4	5	5	5	5	5	5	5	5
7560	4	10	11	11	11	11	11	11	11	11
7570	15	15	15	15	15	15	15	15	15	15
7580	20	21	21	20	20	19	19	19	19	19
7590	20	22	23	23	24	24	24	24	24	24
7600	24	25	26	26	26	26	26	26	26	26
7610	27	28	29	29	28	28	29	29	29	29
7620	30	30	30	30	30	30	30	30	30	30
7630	31	32	33	33	33	33	34	34	34	34
7640	33	36	36	36	36	36	36	36	36	36
7650	33	32	32	32	31	30	27	27	27	27
7660	27	26	24	23	23	22	21	20	18	16
7670	14	14	13	11	11	11	7	7	5	4
7680	5	5	4	4	4	4	4	4	4	4
7690	5	5	4	3	4	4	4	4	4	4
7700	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7710	-2	-4	-7	-12	-14	-17	-19	-18	-18	-19
7720	-18	-24	-24	-24	-24	-24	-24	-24	-24	-24
7730	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
7740	-24	-22	-21	-18	-17	-17	-17	-17	-17	-17
7750	-10	-11	-12	-12	-12	-12	-11	-11	-11	-11
7760	-7	-7	-8	-8	-8	-7	-8	-8	-7	-5
7770	-4	-4	-2	-2	-2	-2	-1	-1	-1	-1
7780	2	4	7	9	9	9	10	10	12	13
7790	14	13	13	13	13	13	13	13	13	13
7800	17	19	20	20	20	22	22	22	22	22
7810	20	21	21	21	19	19	19	20	20	20
7820	20	20	20	20	20	20	20	19	19	19
7830	19	18	18	18	17	16	15	14	13	13
7840	13	9	7	5	4	2	2	2	1	0
7850	-2	-2	-2	-4	-8	-9	-10	-11	-12	-13
7860	-14	-16	-18	-18	-18	-18	-18	-18	-19	-20
7870	-21	-21	-22	-22	-22	-25	-27	-27	-26	-26
7880	-26	-27	-27	-26	-26	-25	-25	-25	-23	-22
7890	-22	-21	-19	-19	-19	-19	-19	-18	-17	-17
7900	-22	-21	-15	-15	-15	-14	-12	-10	-8	-8
7910	-7	-7	-6	-6	-6	-6	-6	-6	-6	-5
7920	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
7930	2	3	5	6	6	4	3	3	3	3
7940	4	5	6	6	6	4	3	3	3	3
7950	5	5	6	6	6	6	6	6	6	6
7960	-5	-6	-6	-6	-6	-6	-6	-6	-6	-6
7970	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
7980	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
7990	-4	-4	-5	-5	-5	-5	-5	-5	-5	-5
8000	-9	-10	-10	-10	-10	-10	-10	-10	-10	-10
8010	-8	-8	-8	-8	-7	-6	-4	-3	-2	-2
8020	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8030	6	6	7	7	9	9	9	9	9	9
8040	9	9	10	10	10	10	10	10	10	10

TO BE CONTINUED

CONTINUED ( S-1066 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8050	13	13	13	13	13	13	13	13	13	12
8060	12	12	12	12	12	12	12	12	12	12
8070	16	16	16	16	16	16	16	16	16	16
8080	20	20	20	20	19	19	19	19	19	19
8090	18	17	17	17	17	17	17	17	17	17
8100	17	17	17	17	18	18	18	18	18	18
8110	19	19	20	19	19	19	20	21	22	22
8120	23	23	23	23	23	23	23	23	24	24
8130	20	19	19	20	19	19	19	17	16	16
8140	16	17	17	17	14	14	13	12	9	9
8150	9	9	9	9	9	9	9	9	9	9
8160	3	3	4	4	5	5	7	7	7	7
8170	9	9	9	10	10	10	7	7	7	7
8180	4	4	4	4	4	4	4	4	4	4
8190	1	1	1	1	2	2	2	2	2	2
8200	2	2	2	2	2	2	2	2	2	2
8210	0	0	0	0	0	0	0	0	0	0
8220	0	0	0	0	0	0	0	0	0	0
8230	-1	-1	-1	-1	-2	-3	-3	-3	-3	-3
8240	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8250	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8260	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
8270	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8280	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
8290	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8300	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
8310	-1	0	0	0	0	0	0	0	0	0
8320	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8330	2	2	2	2	2	2	2	2	2	2
8340	2	2	2	2	2	2	2	2	2	2
8350	5	5	5	5	5	5	5	5	5	5
8360	5	5	6	6	6	6	6	6	6	6
8370	2	2	2	2	2	2	2	2	2	2
8380	-1	-2	-3	-3	-3	-3	-4	-4	-4	-4
8390	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4
8400	-11	-12	-12	-12	-12	-12	-12	-12	-12	-12
8410	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
8420	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
8430	-12	-13	-13	-13	-13	-13	-13	-13	-13	-13
8440	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
8450	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
8460	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
8470	-12	-10	-10	-8	-8	-7	-6	-6	-6	-6
8480	-3	-3	-3	-2	-2	-2	-2	-2	-2	-2
8490	2	2	2	2	2	2	2	2	2	2
8500	4	4	4	4	4	4	4	4	4	4
8510	10	12	12	12	12	12	12	12	12	12
8520	18	18	18	18	18	18	18	18	18	18
8530	22	22	22	22	22	22	22	22	22	22
8540	23	23	23	23	23	23	23	23	23	23
8550	24	25	25	25	25	25	25	25	25	25
8560	26	26	26	26	26	26	26	26	26	26
8570	26	26	26	26	26	26	26	26	26	26
8580	24	24	24	24	24	24	24	24	24	24

TO BE CONTINUED

CONTINUED ( S-1066 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8590	24	24	24	24	23	23	23	23	27	22
8600	22	23	22	22	22	20	18	16	16	16
8610	16	14	14	14	14	12	9	8	3	0
8620	8	6	4	2	0	0	0	0	0	0
8630	-3	-7	-7	-7	-8	-6	-6	-6	-8	-8
8640	-10	-11	-12	-14	-14	-16	-16	-16	-15	-15
8650	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
8660	-16	-16	-13	-11	-11	-12	-12	-14	-10	-9
8670	-9	-8	-9	-10	-10	-10	-10	-8	-8	-7
8680	-11	-10	-10	-10	-10	-9	-7	-4	-3	-3
8690	-4	-2	-1	0	0	0	0	0	1	3
8700	-2	-2	4	4	4	6	7	10	11	11
8710	3	4	15	15	15	14	14	14	14	14
8720	13	15	15	15	15	15	14	14	14	14
8730	14	17	18	18	20	20	21	22	23	23
8740	24	24	24	24	24	24	25	25	24	24
8750	25	25	25	25	25	26	26	26	26	26
8760	26	26	26	26	26	26	25	25	24	22
8770	22	22	22	22	22	22	21	20	19	19
8780	19	20	21	21	23	23	23	23	23	20
8790	23	24	25	25	25	25	24	24	21	20
8800	18	18	18	17	17	17	17	17	17	17
8810	17	16	16	16	15	15	15	15	15	15
8820	15	15	15	14	12	11	11	11	9	0
8830	9	7	4	3	1	0	0	0	0	0
8840	-2	-5	-5	-5	-5	-8	-8	-8	-8	-8
8850	-8	-11	-14	-15	-15	-16	-18	-18	-18	-18
8860	-18	-18	-18	-18	-20	-20	-21	-22	-24	-27
8870	-29	-29	-29	-29	-31	-31	-31	-33	-33	-33
8880	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33
8890	-33	-33	-33	-33	-34	-34	-35	-37	-37	-37
8900	-36	-37	-36	-36	-36	-36	-36	-35	-32	-30
8910	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31
8920	-31	-31	-31	-31	-31	-32	-32	-31	-31	-31
8930	-31	-31	-31	-31	-31	-30	-31	-31	-31	-31
8940	-30	-27	-26	-25	-24	-24	-24	-23	-20	-18
8950	-18	-18	-17	-17	-16	-16	-15	-15	-14	-14
8960	-14	-14	-14	-12	-9	-8	-8	-7	-7	-7
8970	-7	-7	-5	-4	-2	0	2	4	7	8
8980	10	13	14	14	15	15	15	16	16	19
8990	22	24	26	26	26	26	26	26	29	31
9000	30	30	30	30	30	28	28	28	28	27
9010	28	28	27	27	28	27	28	27	28	28
9020	28	27	27	25	24	24	23	23	22	21
9030	21	21	21	21	20	20	20	18	18	18
9040	18	18	16	16	16	16	16	17	17	16
9050	16	16	16	16	16	16	16	17	17	20
9060	20	20	20	20	20	20	20	21	21	21
9070	21	21	21	21	22	22	22	22	22	21
9080	21	20	20	22	23	24	25	25	25	25
9090	25	23	22	22	21	20	20	20	20	19
9100	18	17	17	17	16	16	15	11	9	9
9110	8	8	7	5	4	4	3	2	2	2
9120	2	2	2	2	2	2	2	2	2	2

TO BE CONTINUED

CONTINUED ( S-1066 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
9130	2	1	0	0	1	3	4	3	3	2
9140	2	1	0	2	2	1	0	-1	0	0
9150	0	0	0	0	0	0	0	0	0	-1
9160	-2	-3	-4	-6	-6	-6	-6	-8	-11	-11
9170	-11	-11	-14	-15	-15	-15	-16	-18	-21	-21
9180	-21	-21	-21	-21	-22	-22	-22	-22	-22	-22
9190	-21	-20	-20	-20	-21	-22	-23	-24	-23	-23

END

RECORD # S-1066 COMPONENT = EAST STATION = SHIMIZU-MIHO-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 9150  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR-ACC. CONNECTION POINT IN DATA NUMBER = 4654, 9150

CONTINUED( S-1066 EAST )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 11 )	( 12 )	( 13 )	( 14 )	( 15 )	( 16 )	( 17 )	( 18 )	( 19 )	( 20 )
490	-1	0	0	3	6	9	14	17	18	23	29	23	19	23	19	23	19	23	19	23
500	18	11	10	11	13	14	14	14	17	18	15	10	15	10	15	10	15	10	15	10
510	11	10	1	-3	-2	-4	0	1	1	4	13	13	16	12	13	16	12	13	16	12
520	6	1	-1	-3	-2	-4	0	1	1	4	13	13	16	12	13	16	12	13	16	12
530	16	-2	-1	-2	-1	-2	-1	-2	-1	-2	-1	-2	-1	-2	-1	-2	-1	-2	-1	-2
540	-26	-29	-30	-32	-33	-33	-30	-29	-27	-24	-24	-25	-24	-21	-21	-21	-21	-21	-21	-21
550	-26	-26	-28	-32	-33	-33	-30	-29	-27	-24	-24	-25	-24	-21	-21	-21	-21	-21	-21	-21
560	-20	-21	-22	-22	-23	-23	-20	-19	-17	-14	-14	-15	-14	-11	-11	-11	-11	-11	-11	-11
570	-10	-8	-7	-7	-7	-7	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
580	7	7	5	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
590	19	19	14	13	13	13	11	10	11	14	22	32	37	43	38	37	43	38	37	43
600	37	39	37	37	39	45	47	47	47	47	43	38	37	43	38	37	43	38	37	43
610	35	31	23	15	5	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1
620	0	-3	-7	-11	-20	-32	-37	-39	-41	-41	-41	-41	-41	-41	-41	-41	-41	-41	-41	-41
630	-42	-45	-45	-45	-44	-42	-35	-34	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33
640	-18	-17	-24	-25	-26	-24	-21	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
650	-31	-28	-24	-21	-19	-18	-13	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
660	-10	-8	-9	-11	-13	-10	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
670	1	5	10	13	14	19	23	27	31	36	37	31	36	37	31	36	37	31	36	37
680	42	44	46	46	46	51	52	52	53	54	53	50	53	54	53	50	53	54	53	50
690	45	43	45	45	44	42	40	40	40	40	40	40	40	40	40	40	40	40	40	40
700	28	25	21	14	6	0	-10	-18	-29	-39	-49	-59	-69	-79	-89	-99	-109	-119	-129	-139
710	-28	-29	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
720	-36	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34
730	-32	-31	-37	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42
740	-24	-19	-17	-17	-16	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
750	-31	-37	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42
760	-14	-12	-12	-14	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
770	-8	-4	0	6	10	14	19	23	27	31	36	37	31	36	37	31	36	37	31	36
780	21	24	21	21	22	25	30	37	40	41	39	40	41	39	40	41	39	40	41	39
790	15	26	17	8	0	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
800	-7	-6	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
810	-3	-2	4	8	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5
820	-19	-23	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
830	-7	-4	-1	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
840	11	15	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
850	16	14	14	11	5	0	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
860	20	14	11	5	0	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
870	9	14	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
880	20	14	11	10	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5
890	-14	-22	-28	-35	-33	-30	-25	-28	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30
900	-16	-14	-14	-10	-7	-5	-3	-1	0	1	1	1	1	1	1	1	1	1	1	1
910	-1	-1	-6	-9	-10	-9	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
920	2	4	6	11	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
930	16	17	19	18	17	19	18	17	19	18	17	19	18	17	19	18	17	19	18	17
940	52	53	51	47	45	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
950	33	33	34	36	36	40	50	53	57	56	56	56	56	56	56	56	56	56	56	56
960	67	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
970	44	26	22	16	13	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
980	-12	-18	-24	-32	-35	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38
990	-14	-12	-16	-27	-35	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43
1000	-23	-17	-10	-6	0	8	14	20	24	21	21	21	21	21	21	21	21	21	21	21
1010	17	16	10	3	1	4	12	17	21	24	21	21	21	21	21	21	21	21	21	21
1020	-4	-3	-4	0	3	4	12	17	21	24	21	21	21	21	21	21	21	21	21	21

TO BE CONTINUED

TO BE CONTINUED

CONTINUED: S-1066 EAST

CONTINUED: S-1066 EAST

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	32	35	34	27	22	18	18	20	24	31
1040	37	33	30	26	24	22	20	18	12	4
1050	1	1	3	23	-7	-10	-12	-8	-4	1
1060	9	21	24	23	17	11	1	-11	-19	-23
1070	-34	-46	-64	-100	-72	-77	-77	-104	-94	-85
1080	-89	-95	-96	-100	-102	-105	-104	-100	-94	-82
1090	-62	-47	-37	-33	-35	-37	-36	-36	-36	-37
1100	-37	-32	-18	10	39	81	106	115	117	110
1110	104	95	83	70	54	23	9	-23	-28	-22
1120	11	34	58	70	68	61	58	63	63	64
1130	65	44	2	-37	-113	-172	-222	-241	-241	-233
1140	-221	-208	-189	-184	-178	-175	-170	-161	-152	-141
1150	-127	-105	-75	-46	-30	-28	-44	-78	-111	-141
1160	-171	-193	-213	-222	-228	-236	-237	-237	-237	-233
1170	-224	-215	-207	-195	-183	-167	-134	-90	-50	-10
1180	27	50	76	103	122	147	166	198	258	284
1190	321	367	395	428	445	454	457	457	457	446
1200	436	420	404	367	353	281	212	77	-47	-119
1210	-307	-281	-331	-361	-376	-392	-401	-403	-403	-387
1220	-382	-352	-350	-285	-251	-223	-180	-147	-95	-35
1230	26	109	171	220	257	281	308	331	351	368
1240	392	405	400	380	345	301	252	197	130	74
1250	25	-27	-71	-95	-106	-106	-105	-100	-101	-108
1260	-118	-125	-124	-117	-108	-93	-88	-94	-104	-115
1270	-126	-133	-133	-131	-126	-117	-102	-81	-56	-25
1280	4	20	34	42	51	56	65	76	90	109
1290	124	131	134	123	102	71	40	6	-26	-51
1300	-69	-87	-88	-84	-69	-37	-22	-10	-5	-7
1310	-8	-9	-9	-7	-2	1	10	22	32	54
1320	80	97	103	101	89	73	53	38	32	29
1330	29	25	11	-17	-55	-92	-137	-174	-210	-238
1340	-263	-274	-265	-229	-167	-87	-39	-3	21	34
1350	40	39	34	25	13	0	-5	-8	-6	-1
1360	6	17	49	92	133	179	221	249	255	284
1370	244	235	228	226	224	223	219	216	216	216
1380	216	214	204	190	142	80	14	-49	-122	-245
1390	-247	-274	-303	-313	-327	-340	-350	-347	-334	-308
1400	-284	-283	-237	-186	-165	-139	-115	-96	-78	-70
1410	-69	-71	-78	-81	-85	-85	-76	-60	-40	-17
1420	4	25	27	25	17	-10	-26	-39	-40	-33
1430	-22	9	13	3	3	-18	-38	-52	-66	-69
1440	-57	-31	-2	47	84	113	139	151	154	155
1450	158	162	165	168	173	179	186	194	203	214
1460	220	219	211	194	159	125	94	57	27	15
1470	11	170	36	61	97	137	168	193	211	210
1480	194	168	128	81	27	-13	-48	-82	-105	-116
1490	-119	-115	-106	-96	-94	-103	-115	-131	-150	-143
1500	-167	-164	-157	-140	-117	-85	-45	-9	27	73
1510	124	171	201	174	192	165	123	72	23	-11
1520	-27	-34	-33	-26	-1	38	73	104	121	141
1530	112	112	53	2	-37	-78	-98	-104	-99	-93
1540	84	93	69	62	-34	-9	23	54	78	91
1550	98	93	69	62	74	40	45	28	9	4
1560	3	16	39	67	96	116	124	117	95	62

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1066 EAST )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	
2110	80	87	94	103	114	124	138	149	157	160	2650	41	45	45	54	58	61	61	65	65	64
2130	158	155	154	152	154	156	159	162	162	159	2660	64	62	59	50	43	36	43	36	28	18
2150	153	145	134	125	117	110	105	100	95	90	2670	-6	-13	-22	-30	-36	-44	-50	-58	-68	-76
2160	84	82	76	71	60	49	44	41	40	40	2680	-87	-99	-104	-107	-109	-115	-116	-115	-113	115
2150	43	52	64	75	88	103	113	120	123	124	2690	-115	-116	-116	-117	-117	-121	-120	-120	-122	-125
2160	124	123	120	115	104	89	73	61	47	35	2700	-126	-126	-126	-125	-123	-124	-120	-123	-122	-124
2170	31	28	23	10	-5	-23	-39	-49	-58	-61	2710	-125	-125	-122	-121	-119	-119	-119	-119	-119	-124
2180	-59	-53	-47	-43	-39	-36	-32	-31	-31	-29	2720	-126	-126	-122	-123	-126	-127	-126	-126	-126	-126
2190	-27	-25	-24	-26	-29	-29	-31	-30	-28	-26	2730	-124	-124	-122	-123	-130	-131	-131	-131	-131	-131
2200	-24	-23	-26	-29	-31	-34	-34	-36	-39	-44	2740	-134	-135	-136	-138	-138	-135	-132	-131	-128	-125
2210	-49	-58	-62	-66	-72	-78	-84	-91	-100	-100	2750	-124	-122	-120	-117	-114	-111	-106	-102	-98	-95
2220	-110	-123	-125	-137	-141	-148	-150	-147	-141	-141	2760	-91	-89	-87	-85	-78	-69	-64	-62	-60	-57
2230	-133	-120	-120	-118	-119	-119	-123	-125	-124	-124	2770	-51	-50	-44	-41	-37	-34	-30	-28	-27	-22
2240	-124	-123	-121	-120	-120	-120	-123	-123	-124	-124	2780	-24	-21	-16	-10	-3	6	12	18	21	22
2250	-125	-125	-120	-118	-112	-108	-107	-106	-105	-102	2790	23	27	26	25	24	23	22	22	22	22
2260	-98	-94	-90	-87	-86	-87	-89	-90	-89	-84	2800	21	21	20	19	20	19	19	18	14	12
2270	-88	-83	-89	-92	-94	-94	-94	-94	-90	-87	2810	11	11	11	11	12	13	14	16	13	10
2280	-69	-63	-56	-49	-43	-37	-22	-14	-6	-6	2820	6	2	0	-3	-6	-8	-8	-9	-11	-12
2290	0	5	16	28	36	41	49	58	63	66	2830	-12	-12	-12	-12	-10	-9	-9	-10	-11	-11
2300	67	67	70	77	84	88	94	101	109	110	2840	-7	-3	-2	1	7	5	2	0	-4	-7
2310	110	111	109	107	104	102	99	94	89	88	2850	-12	-10	-10	-24	-28	-32	-34	-38	-41	-40
2320	84	83	75	74	68	65	58	54	52	45	2860	-40	-40	-40	-40	-40	-38	-35	-31	-29	-27
2330	40	37	33	27	25	17	13	7	3	-3	2870	18	-13	-11	-4	1	6	10	11	13	14
2340	-8	-14	-21	-24	-28	-33	-34	-31	-31	-28	2880	14	14	23	23	30	31	31	32	33	36
2350	-25	-19	-12	1	12	19	24	32	37	38	2890	37	40	41	44	46	50	54	57	63	67
2360	38	38	41	42	42	45	50	54	54	54	2900	67	72	78	86	93	97	100	106	111	112
2370	60	63	65	67	67	70	76	84	91	94	2910	115	120	122	129	137	148	155	155	153	146
2380	95	95	92	88	84	75	70	63	51	44	2920	142	138	135	131	129	124	120	115	111	105
2390	39	33	25	20	19	13	6	-1	-9	-15	2930	100	95	88	81	74	72	69	64	57	52
2400	-23	-31	-39	-44	-46	-50	-53	-61	-71	-82	2940	48	40	30	19	12	6	1	-10	-13	-15
2410	-87	-92	-99	-104	-107	-111	-114	-116	-113	-105	2950	-17	-25	-32	-33	-33	-35	-36	-40	-42	-44
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2430	-61	-57	-52	-45	-37	-34	-33	-27	-27	-27	2970	-45	-42	-40	-36	-30	-28	-19	-14	-12	-11
2440	-27	-27	-27	-27	-27	-23	-20	-6	4	14	2980	-8	-3	0	3	9	13	17	19	20	21
2450	23	31	36	37	41	46	51	56	59	60	2990	23	22	20	17	17	20	20	20	18	17
2460	65	63	63	61	60	56	53	49	47	49	3000	15	13	10	6	1	1	-1	-3	-4	-4
2470	55	61	66	69	70	70	69	64	62	60	3010	15	13	10	6	1	1	1	1	1	1
2480	55	49	44	38	32	29	28	24	21	19	3020	9	7	6	3	1	0	2	2	2	2
2490	17	13	5	-1	-7	-13	-18	-23	-27	-29	3030	2	3	5	5	5	8	14	19	26	31
2500	-31	-31	-28	-25	-21	-19	-18	-17	-17	-16	3040	33	38	42	47	54	57	60	64	65	65
2510	-14	-14	-11	-4	4	11	15	16	19	19	3050	66	68	68	68	68	69	71	71	72	74
2520	20	22	23	24	26	26	25	23	22	20	3060	80	79	80	79	79	79	77	74	73	76
2530	17	16	16	17	17	17	16	13	10	7	3070	74	74	74	72	70	67	67	64	61	58
2540	9	6	3	1	0	1	1	2	11	9	3080	53	49	45	41	40	36	35	33	33	32
2550	9	8	5	2	-1	-5	-6	-6	-8	-7	3090	32	32	35	36	33	33	33	31	29	29
2560	-6	-5	-2	2	6	15	16	24	29	34	3100	33	29	25	23	19	12	9	5	2	2
2570	39	45	46	52	57	61	64	68	69	71	3110	1	0	-3	-6	-9	-11	-13	-17	-17	-17
2580	76	84	88	91	97	104	108	109	109	110	3120	-21	-20	-17	-17	-20	-23	-27	-30	-35	-39
2590	110	110	108	107	104	101	99	95	91	90	3130	-41	-42	-43	-46	-58	-60	-61	-62	-63	-65
2600	88	85	81	78	76	73	70	67	65	65	3140	-71	-73	-80	-86	-92	-97	-97	-103	-109	-110
2610	64	62	63	65	66	70	73	72	70	69	3150	-113	-113	-119	-120	-122	-127	-128	-133	-137	-141
2620	67	68	68	69	69	68	68	67	65	65	3160	-142	-142	-142	-142	-141	-138	-137	-135	-133	-131
2630	55	64	61	60	57	56	51	45	43	39	3170	-128	-128	-121	-120	-112	-107	-106	-105	-104	-104
2640	36	35	35	37	39	40	41	41	40	40	3180	-105	-106	-107	-108	-109	-109	-109	-109	-109	-109

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1066 EAST )										CONTINUED( S-1066 EAST )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	-109	-109	-108	-108	-105	-98	-95	-93	-94	-95	3730	-51	-51	-51	-51	-49	-47	-47	-48	-49	-49
3200	-93	-93	-97	-99	-99	-99	-98	-95	-82	-89	3740	-47	-47	-47	-47	-45	-43	-41	-38	-37	-36
3210	-86	-86	-78	-74	-68	-67	-63	-61	-58	-58	3750	-35	-35	-33	-28	-28	-25	-16	-8	-8	-9
3220	-53	-50	-47	-44	-40	-37	-36	-35	-34	-34	3760	-6	-3	0	0	2	4	4	7	8	10
3230	-33	-33	-31	-27	-28	-26	-23	-20	-17	-16	3770	12	16	20	25	27	30	33	37	39	38
3240	-12	-8	-6	-1	0	1	5	6	7	9	3780	38	42	46	47	46	47	49	51	53	56
3250	10	10	10	12	16	24	27	29	32	32	3790	59	63	64	66	70	73	76	77	77	77
3260	33	33	33	33	32	31	30	29	28	28	3800	76	75	74	76	77	77	77	77	77	77
3270	26	28	28	29	30	30	29	27	26	26	3810	77	77	77	77	77	77	77	76	76	73
3280	23	28	29	32	34	35	37	41	45	50	3820	76	74	73	72	70	68	67	66	64	63
3290	56	52	56	59	74	79	82	84	89	94	3830	61	60	62	65	65	66	66	66	67	69
3300	96	106	109	115	120	121	125	129	133	136	3840	73	73	74	75	77	79	80	80	80	79
3310	126	133	137	138	138	137	137	137	132	128	3850	74	75	74	71	67	64	61	58	56	54
3320	126	121	117	112	111	106	106	102	99	99	3860	44	44	40	37	34	31	30	28	27	24
3330	96	96	93	91	86	85	85	85	83	80	3870	24	24	23	22	22	22	22	21	20	16
3340	79	81	82	83	84	86	88	88	88	88	3880	15	14	14	13	13	10	10	10	10	8
3350	87	84	83	83	83	83	82	78	73	70	3890	8	7	9	7	10	-2	-3	-3	-6	-9
3360	66	63	56	52	52	52	47	44	44	40	3900	-11	-11	-13	-13	-13	-13	-13	-14	-16	-14
3370	35	34	33	31	26	21	20	19	20	20	3910	-17	-17	-17	-17	-17	-17	-17	-17	-16	-14
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3420	-155	-159	-164	-163	-166	-168	-169	-172	-173	-175	3960	-16	-18	-19	-21	-23	-25	-27	-30	-34	-38
3430	-176	-177	-181	-183	-182	-179	-179	-175	-172	-170	3970	-40	-41	-44	-44	-49	-51	-51	-51	-56	-56
3440	-166	-160	-156	-154	-153	-151	-149	-139	-131	-127	3980	-58	-59	-59	-60	-62	-62	-61	-61	-61	-59
3450	-127	-125	-114	-110	-100	-89	-84	-88	-88	-88	3990	-59	-59	-60	-60	-59	-59	-59	-59	-59	-59
3460	-86	-84	-80	-79	-80	-75	-73	-71	-69	-66	4000	-59	-57	-57	-52	-51	-48	-47	-45	-45	-45
3470	-62	-53	-42	-34	-32	-31	-26	-20	-12	-7	4010	-57	-57	-57	-52	-51	-48	-47	-45	-45	-45
3480	-9	2	12	16	22	31	36	40	42	45	4020	-49	-49	-49	-49	-48	-47	-45	-42	-39	-35
3490	51	59	63	63	63	67	74	78	81	81	4030	-34	-34	-34	-29	-28	-27	-26	-25	-25	-27
3500	85	85	86	90	94	98	100	101	101	106	4040	-27	-27	-25	-24	-23	-22	-21	-21	-21	-21
3510	113	115	116	120	124	125	128	129	131	130	4050	-21	-21	-21	-20	-20	-20	-19	-19	-19	-21
3520	133	135	135	136	138	138	139	139	139	139	4060	-11	-10	-11	-11	-11	-10	-8	-7	-6	-7
3530	137	137	136	135	136	132	132	132	132	133	4070	-11	-10	-11	-11	-10	-8	-7	-6	-7	-7
3540	133	133	133	133	133	133	134	134	134	134	4080	-11	-10	-11	-11	-10	-8	-7	-6	-7	-7
3550	136	133	133	133	133	130	126	124	124	124	4090	23	23	23	25	25	25	25	25	25	24
3560	116	108	106	103	101	96	92	89	84	81	4100	-1	-1	-1	-1	1	1	1	2	2	5
3570	76	74	72	66	63	63	62	56	54	51	4110	10	10	12	12	14	14	15	15	16	16
3580	50	50	49	47	43	42	39	35	33	31	4120	15	18	19	21	22	25	25	26	29	29
3590	29	22	16	9	5	5	-2	-7	-19	-24	4130	18	18	19	21	22	25	26	29	31	33
3600	-28	-33	-41	-44	-44	-42	-42	-42	-44	-44	4140	33	33	33	31	30	29	28	27	27	25
3610	-86	-90	-93	-94	-98	-100	-101	-101	-104	-104	4150	24	23	23	20	19	19	19	16	13	13
3620	-102	-103	-102	-101	-101	-101	-101	-101	-104	-104	4160	12	10	7	6	3	0	-1	-2	-3	-4
3630	-105	-105	-105	-105	-105	-105	-108	-111	-111	-111	4170	-4	-4	-4	-3	-1	0	2	2	3	3
3640	-110	-110	-109	-108	-107	-104	-103	-100	-97	-97	4180	5	7	11	13	16	19	21	24	25	25
3650	-94	-90	-87	-85	-84	-83	-80	-78	-76	-74	4190	27	29	29	30	33	33	33	33	33	33
3660	-72	-69	-66	-64	-64	-62	-60	-57	-54	-54	4200	33	30	29	29	29	29	29	29	29	28
3670	-50	-47	-47	-47	-46	-44	-44	-44	-44	-44	4210	26	26	23	23	20	19	15	15	13	9
3680	-41	-41	-37	-37	-34	-33	-31	-31	-31	-31	4220	13	13	13	12	12	12	12	12	12	9
3690	-31	-28	-27	-26	-26	-26	-26	-26	-26	-25	4230	6	6	5	5	1	-1	-1	-3	-7	-7
3700	-23	-22	-22	-22	-21	-20	-20	-20	-19	-17	4240	-6	-10	-11	-17	-17	-17	-16	-19	-19	-19
3710	-16	-17	-18	-21	-26	-32	-33	-33	-33	-36	4250	-18	-18	-20	-20	-20	-19	-18	-16	-14	-14
3720	-38	-39	-41	-42	-44	-44	-46	-49	-51	-51	4260	-16	-17	-19	-20	-21	-21	-21	-29	-32	-34

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1066 EAST )

CONTINUED ( S-1066 EAST )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	-36	-37	-38	-38	-39	-40	-40	-41	-45	-47	-48	-49	-49	-49	-49	-49	-49	-49	-49	-50
4280	-47	-47	-47	-45	-46	-48	-51	-52	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54	-54
4290	-56	-56	-57	-57	-58	-60	-60	-61	-63	-63	-63	-63	-63	-63	-63	-63	-63	-63	-63	-63
4300	-64	-65	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66
4310	-61	-59	-57	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56
4320	-48	-47	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44
4330	-25	-25	-22	-19	-19	-14	-12	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
4340	2	8	9	11	11	14	16	18	21	24	24	24	24	24	24	24	24	24	24	24
4350	28	31	32	33	33	43	48	51	56	62	62	62	62	62	62	62	62	62	62	62
4360	83	88	71	74	78	79	82	85	90	93	93	93	93	93	93	93	93	93	93	93
4370	96	99	103	105	108	109	110	110	113	114	114	114	114	114	114	114	114	114	114	114
4380	110	110	110	109	107	105	103	101	100	99	99	99	99	99	99	99	99	99	99	99
4390	95	95	94	92	89	87	87	86	84	82	82	82	82	82	82	82	82	82	82	82
4400	81	80	80	78	76	74	74	71	69	69	69	69	69	69	69	69	69	69	69	69
4410	68	67	65	64	61	59	55	53	49	45	45	45	45	45	45	45	45	45	45	45
4420	43	41	36	35	34	33	33	32	26	21	21	21	21	21	21	21	21	21	21	21
4430	19	17	14	12	12	11	9	7	5	5	5	5	5	5	5	5	5	5	5	5
4440	5	3	2	0	-1	-4	-8	-11	-14	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
4450	-17	-17	-21	-25	-28	-31	-31	-31	-31	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30
4460	-34	-33	-33	-33	-34	-34	-34	-37	-38	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39
4470	-41	-43	-44	-45	-49	-52	-58	-58	-62	-64	-64	-64	-64	-64	-64	-64	-64	-64	-64	-64
4480	-68	-74	-78	-80	-83	-83	-86	-87	-89	-90	-90	-90	-90	-90	-90	-90	-90	-90	-90	-90
4490	-88	-89	-89	-89	-89	-89	-89	-89	-89	-89	-89	-89	-89	-89	-89	-89	-89	-89	-89	-89
4500	-94	-93	-93	-92	-91	-89	-87	-87	-87	-87	-87	-87	-87	-87	-87	-87	-87	-87	-87	-87
4510	-84	-83	-81	-79	-77	-77	-77	-77	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
4520	-78	-78	-77	-77	-77	-77	-77	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79
4530	-73	-72	-72	-72	-73	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
4540	-80	-78	-78	-76	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
4550	-75	-73	-73	-75	-76	-77	-77	-76	-75	-74	-72	-72	-72	-72	-72	-72	-72	-72	-72	-72
4560	-71	-70	-70	-70	-69	-68	-68	-66	-65	-64	-64	-64	-64	-64	-64	-64	-64	-64	-64	-64
4570	-61	-61	-61	-61	-60	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58
4580	-56	-56	-56	-56	-51	-45	-41	-38	-34	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33
4590	-27	-25	-21	-18	-17	-12	-9	-7	-5	0	0	0	0	0	0	0	0	0	0	0
4600	3	7	12	16	19	22	24	26	27	29	29	29	29	29	29	29	29	29	29	29
4610	32	34	37	40	42	45	47	51	55	57	57	57	57	57	57	57	57	57	57	57
4620	59	63	65	66	69	72	76	80	82	83	83	83	83	83	83	83	83	83	83	83
4630	87	91	94	100	103	107	112	116	118	121	121	121	121	121	121	121	121	121	121	121
4640	122	126	127	128	128	129	129	130	131	132	132	132	132	132	132	132	132	132	132	132
4650	131	136	136	139	139	136	142	143	143	145	145	145	145	145	145	145	145	145	145	145
4660	146	147	147	147	146	146	145	143	142	141	141	141	141	141	141	141	141	141	141	141
4670	139	137	136	135	132	130	129	126	122	117	117	117	117	117	117	117	117	117	117	117
4680	115	112	108	105	96	91	85	81	75	71	71	71	71	71	71	71	71	71	71	71
4690	66	61	54	46	43	36	33	26	19	13	13	13	13	13	13	13	13	13	13	13
4700	8	4	0	-8	-16	-18	-22	-26	-30	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35
4710	-38	-42	-47	-49	-52	-52	-59	-63	-66	-69	-69	-69	-69	-69	-69	-69	-69	-69	-69	-69
4720	-71	-76	-77	-79	-80	-82	-84	-84	-86	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88
4730	-91	-93	-95	-95	-95	-96	-96	-96	-95	-95	-95	-95	-95	-95	-95	-95	-95	-95	-95	-95
4740	-92	-91	-91	-89	-88	-88	-86	-85	-83	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81	-81
4750	-77	-74	-73	-71	-70	-67	-66	-64	-63	-63	-63	-63	-63	-63	-63	-63	-63	-63	-63	-63
4760	-59	-56	-53	-52	-50	-48	-44	-41	-39	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37	-37
4770	-35	-32	-30	-29	-26	-23	-23	-19	-17	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
4780	-13	-11	-11	-9	-6	-6	-6	-6	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
4790	-18	-8	-8	-10	-12	-14	-15	-16	-15	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
4800	-18	-19	-22	-25	-27	-29	-31	-31	-32	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1066 EAST )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	26	25	25	25	25	25	24	22	22	22
5360	21	19	18	18	18	15	15	14	13	13
5370	13	11	11	11	11	11	11	10	10	10
5380	7	7	7	7	7	6	5	3	2	4
5390	5	4	4	4	4	4	4	4	4	8
5400	10	11	11	9	7	7	7	7	7	7
5410	7	6	5	4	3	0	0	-1	-3	-5
5420	7	8	9	12	14	16	18	19	20	21
5430	22	23	25	25	25	25	26	27	26	26
5440	27	28	28	29	31	31	31	32	30	31
5450	29	29	30	30	30	28	28	28	26	26
5460	24	24	25	21	22	22	21	21	18	18
5470	18	17	14	11	12	12	10	8	11	11
5480	12	12	15	15	15	15	17	17	17	18
5490	17	21	21	21	21	21	20	19	18	18
5500	18	18	17	17	18	18	16	15	15	15
5510	16	18	15	14	13	12	11	9	7	7
5520	4	4	1	0	1	1	3	3	4	6
5530	7	9	11	12	13	13	13	14	14	14
5540	15	16	18	18	19	19	18	18	19	19
5550	19	19	19	18	15	15	15	15	14	12
5560	12	11	11	11	11	10	7	6	7	9
5570	11	11	11	11	13	12	12	14	15	15
5580	17	19	21	24	24	28	28	31	32	33
5590	35	35	38	39	40	40	40	39	39	39
5600	36	36	34	34	32	30	29	28	26	26
5610	26	25	25	27	26	25	25	24	24	24
5620	24	23	23	23	23	22	22	21	20	20
5630	20	19	17	16	16	15	14	13	12	12
5640	12	11	9	9	8	6	4	4	4	4
5650	0	0	0	0	0	-1	0	-2	-3	-3
5660	-3	-4	-5	-5	-6	-6	-6	-7	-9	-9
5670	-12	-11	-13	-14	-17	-20	-20	-21	-25	-25
5680	-28	-27	-27	-29	-31	-33	-34	-35	-36	-37
5690	-38	-39	-41	-42	-43	-44	-44	-45	-45	-45
5700	-46	-47	-46	-46	-45	-44	-44	-43	-42	-42
5710	-41	-40	-40	-39	-39	-37	-36	-35	-34	-34
5720	-40	-41	-42	-42	-42	-42	-42	-42	-42	-42
5730	-47	-47	-49	-50	-52	-53	-54	-56	-58	-61
5740	-62	-64	-64	-65	-66	-69	-71	-74	-76	-76
5750	-68	-72	-77	-80	-80	-80	-81	-82	-82	-82
5760	-82	-81	-80	-79	-78	-77	-77	-77	-75	-75
5770	-73	-73	-73	-73	-73	-73	-73	-73	-73	-73
5780	-49	-49	-49	-49	-49	-49	-49	-49	-49	-49
5790	-23	-19	-15	-17	-10	-8	-5	-3	0	0
5800	5	9	12	13	13	13	16	16	16	16
5810	25	26	29	30	30	34	36	37	37	37
5820	39	41	42	43	44	45	46	46	46	46
5830	54	55	54	56	60	60	64	66	66	66
5840	66	66	71	72	74	75	75	78	77	80
5850	81	82	85	85	87	88	91	92	93	93
5860	92	93	95	95	95	95	96	97	97	97
5870	93	95	95	95	95	95	94	94	94	94
5880	92	92	91	90	88	85	84	81	81	78

TO BE CONTINUED

TO BE CONTINUED



CONTINUED, S-1066 EAST												
NO.	(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)	CONTINUED, S-1066 EAST		
	(1)	(2)	(3)	(4)	(5)	(7)	(8)	(9)	(10)	(1)	(2)	(3)
6430	38	39	39	40	42	43	45	46	46	46	46	46
6440	47	50	50	50	50	50	51	51	51	51	51	51
6450	57	60	60	60	61	61	61	61	61	61	61	61
6460	64	66	67	65	65	62	62	62	60	60	60	60
6470	59	57	56	54	54	54	53	51	50	50	50	50
6480	50	50	48	46	42	40	39	38	36	36	36	36
6490	33	35	35	37	32	30	27	28	25	25	25	25
6500	23	22	20	18	13	10	7	5	2	0	0	0
6510	-3	-4	-6	-11	-15	-17	-21	-24	-27	-28	-27	-27
6520	-29	-31	-31	-31	-33	-35	-36	-37	-38	-38	-38	-38
6530	-39	-40	-40	-42	-42	-42	-43	-44	-45	-45	-45	-45
6540	-45	-45	-45	-45	-45	-45	-45	-46	-47	-47	-47	-47
6550	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47
6560	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47
6570	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47
6580	-47	-45	-44	-44	-44	-44	-44	-44	-44	-44	-44	-44
6590	-45	-41	-39	-38	-38	-35	-35	-35	-35	-35	-35	-35
6600	-34	-32	-31	-31	-31	-29	-28	-24	-23	-23	-23	-23
6610	-21	-21	-21	-21	-21	-20	-19	-19	-18	-15	-15	-15
6620	-11	-10	-10	-9	-10	-7	-6	-6	-8	-8	-8	-8
6630	-5	-2	0	0	3	4	4	4	5	5	5	5
6640	6	10	10	10	13	14	16	17	17	19	19	19
6650	21	23	23	23	23	23	23	23	23	23	23	23
6660	23	21	21	21	21	21	21	20	19	19	19	19
6670	19	18	16	17	17	17	17	17	17	17	17	17
6680	14	13	13	14	15	15	14	13	13	13	13	13
6690	12	12	12	12	12	12	12	12	12	12	12	12
6700	9	10	12	12	12	13	13	13	13	13	13	13
6710	9	9	9	9	9	9	9	9	9	9	9	9
6720	7	6	5	5	4	4	3	3	3	3	3	3
6730	0	1	1	1	1	0	0	-1	-1	-1	-1	-1
6740	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6750	0	-1	-2	-2	-2	-3	-3	-4	-4	-4	-4	-4
6760	2	1	1	2	2	2	2	2	2	2	2	2
6770	5	4	4	6	6	6	6	6	6	6	6	6
6780	4	4	4	4	4	4	4	4	4	4	4	4
6790	0	0	0	-1	-1	-3	-5	-7	-7	-7	-7	-7
6800	-8	-8	-8	-8	-8	-10	-11	-11	-12	-12	-12	-12
6810	-13	-13	-14	-14	-14	-14	-14	-13	-13	-14	-14	-14
6820	-13	-15	-15	-14	-14	-13	-12	-12	-10	-8	-8	-8
6830	-6	-6	-6	-5	-4	-3	-3	-3	-2	-1	-1	-1
6840	0	0	0	0	1	1	1	1	1	1	1	1
6850	6	6	7	7	7	7	8	8	8	8	8	8
6860	8	9	10	11	12	12	13	13	13	13	13	13
6870	13	13	13	14	15	16	17	17	17	18	18	18
6880	18	20	20	21	23	23	23	23	24	24	24	24
6890	25	26	27	28	31	32	32	34	34	35	35	35
6900	36	37	40	40	40	39	40	41	39	37	37	37
6910	36	35	34	34	34	34	34	34	34	34	34	34
6920	30	30	31	29	24	23	21	19	17	17	17	17
6930	15	15	12	12	12	10	9	9	5	4	4	4
6940	0	-2	-3	-3	-5	-5	-9	-9	-10	-12	-12	-12
6950	-14	-16	-17	-18	-20	-21	-23	-26	-29	-30	-30	-30
6960	-33	-36	-37	-37	-38	-39	-40	-42	-44	-47	-47	-47

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1066 EAST )										CONTINUED( S-1066 EAST )									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7510	-26	-26	-26	-26	-26	-29	-29	-30	-30	8050	-31	-34	-35	-35	-37	-37	-31	-35	-32
7520	-28	-28	-28	-28	-28	-28	-28	-27	-27	8060	-31	-31	-32	-32	-32	-32	-34	-35	-37
7530	-26	-25	-25	-25	-25	-24	-24	-22	-22	8070	-39	-38	-37	-36	-33	-32	-36	-37	-37
7540	-20	-19	-19	-19	-19	-19	-19	-18	-18	8080	-37	-36	-35	-35	-33	-32	-32	-32	-32
7550	-16	-15	-15	-15	-14	-12	-12	-9	-7	8090	-32	-32	-31	-30	-30	-29	-28	-27	-27
7560	-6	-5	-5	-5	-5	-3	-3	2	2	8100	-27	-26	-25	-24	-23	-22	-22	-21	-21
7570	2	4	5	5	6	6	6	8	8	8110	-21	-19	-18	-17	-17	-15	-15	-14	-14
7580	10	9	9	9	8	10	10	11	11	8120	-10	-9	-8	-7	-6	-5	-5	-4	-4
7590	14	14	14	14	14	14	14	14	14	8130	0	2	5	6	6	8	9	10	12
7600	16	16	16	16	15	14	14	14	12	8140	13	14	14	14	16	18	18	20	21
7610	12	12	12	12	11	11	11	8	9	8150	21	21	22	22	25	26	25	26	25
7620	10	10	10	10	10	10	10	7	7	8160	26	26	28	29	29	27	28	28	28
7630	6	6	6	6	5	5	5	3	2	8170	29	28	28	29	29	29	28	28	27
7640	2	2	2	2	2	4	4	4	4	8180	27	28	28	29	29	29	29	28	27
7650	3	3	3	3	4	4	4	4	3	8190	30	29	29	29	27	26	24	23	23
7660	3	3	3	3	4	4	4	1	1	8200	27	27	27	27	27	26	24	23	23
7670	1	1	1	1	3	2	2	1	0	8210	12	12	13	13	13	13	13	13	13
7680	0	0	0	-1	-2	-1	-1	0	0	8220	13	13	13	12	12	11	10	10	9
7690	-3	-3	-4	-4	-5	-3	-2	-2	-2	8230	13	13	13	12	11	10	9	10	10
7700	-1	-1	0	0	0	0	0	1	0	8240	8	6	6	6	6	6	9	10	10
7710	3	4	5	5	5	4	4	5	7	8250	9	9	9	9	9	8	8	8	8
7720	8	9	9	9	9	9	9	9	8	8260	11	10	9	9	10	12	12	13	13
7730	8	9	10	11	12	13	13	13	13	8270	12	11	13	13	10	10	10	10	10
7740	13	13	13	13	13	13	13	14	14	8280	9	6	5	5	5	5	5	5	5
7750	16	17	17	17	17	17	18	19	20	8290	4	1	1	1	4	3	1	0	0
7760	22	22	22	22	21	21	21	21	20	8300	0	0	0	-2	-2	-2	-4	-6	-6
7770	19	19	19	19	18	17	15	13	11	8310	-9	-9	-10	-11	-11	-13	-14	-15	-17
7780	10	10	10	10	9	7	4	4	4	8320	-19	-19	-19	-19	-19	-20	-20	-20	-19
7790	3	2	3	2	0	-1	-1	-1	-1	8330	-19	-20	-20	-20	-20	-20	-19	-20	-20
7800	-6	-6	-8	-8	-9	-12	-12	-12	-14	8340	-20	-20	-20	-19	-19	-19	-19	-20	-20
7810	-15	-15	-15	-15	-17	-17	-17	-19	-21	8350	-20	-20	-20	-20	-19	-19	-19	-19	-19
7820	-23	-23	-24	-24	-24	-24	-24	-24	-24	8360	-18	-16	-16	-16	-16	-16	-16	-16	-13
7830	-32	-32	-32	-32	-31	-30	-30	-31	-31	8370	-13	-13	-13	-13	-13	-13	-13	-13	-13
7840	-33	-33	-32	-32	-33	-33	-33	-32	-31	8380	-13	-13	-13	-13	-13	-13	-13	-13	-13
7850	-30	-30	-30	-28	-28	-27	-27	-27	-26	8390	-13	-13	-13	-13	-13	-13	-13	-13	-13
7860	-26	-26	-26	-26	-25	-24	-24	-23	-23	8400	-21	-19	-16	-13	-12	-11	-11	-11	-11
7870	-22	-22	-22	-22	-21	-20	-19	-19	-19	8410	-12	-12	-12	-12	-12	-12	-12	-12	-12
7880	-15	-15	-14	-12	-11	-10	-10	-10	-9	8420	-5	-5	-6	-6	-6	-6	-8	-8	-6
7890	-7	-6	-4	-3	-1	0	3	4	5	8430	1	3	4	5	5	6	8	10	11
7900	7	9	12	13	15	16	17	18	19	8440	12	12	12	12	12	12	13	13	13
7910	20	22	25	27	27	28	28	30	31	8450	13	13	13	13	13	13	13	14	15
7920	33	34	35	37	39	41	43	44	45	8460	15	16	16	17	17	17	18	19	20
7930	46	46	47	48	48	49	50	52	53	8470	21	21	22	25	24	24	24	21	23
7940	53	53	53	53	53	53	52	52	50	8480	21	21	21	21	21	21	23	23	22
7950	50	50	49	49	49	49	48	47	46	8490	19	19	19	19	20	20	21	21	20
7960	42	40	40	41	40	39	37	34	31	8500	20	18	17	15	15	14	14	13	13
7970	29	27	26	26	26	26	25	23	20	8510	12	11	11	8	7	6	7	8	5
7980	18	16	14	13	12	12	10	9	9	8520	1	1	1	1	0	0	1	1	2
7990	9	7	5	5	5	5	4	4	1	8530	3	4	4	3	3	3	3	3	4
8000	-2	-5	-9	-10	-10	-10	-10	-12	-16	8540	3	4	4	4	4	4	5	5	5
8010	-19	-20	-21	-21	-21	-22	-22	-22	-23	8550	3	3	3	3	3	3	3	3	3
8020	-26	-28	-29	-29	-29	-31	-31	-31	-32	8560	3	3	3	3	2	2	0	0	-1
8030	-34	-35	-35	-35	-35	-35	-35	-37	-37	8570	-2	-2	-2	-3	-5	-5	-7	-7	-6
8040	-37	-37	-35	-35	-35	-35	-35	-35	-31	8580	-6	-7	-9	-10	-12	-13	-15	-16	-16

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1066 EAST )		CONTINUED ( S-1066 EAST )									
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	
8590	-16	-16	-17	-17	-17	-17	-18	-17	-17	-17	
8600	-18	-18	-18	-18	-19	-19	-20	-19	-19	-19	
8610	-19	-19	-21	-21	-20	-20	-20	-20	-19	-19	
8620	-18	-19	-18	-17	-16	-16	-16	-16	-14	-15	
8630	-16	-16	-15	-15	-15	-15	-16	-16	-15	-13	
8640	-12	-12	-11	-10	-10	-9	-9	-9	-8	-8	
8650	-8	-6	-9	-8	-6	-5	-5	-5	-4	-3	
8660	-2	-2	-2	-1	-1	-1	0	0	0	0	
8670	0	1	2	2	3	3	5	5	5	5	
8680	6	6	6	7	6	7	6	6	7	7	
8690	6	5	5	6	6	6	6	6	5	5	
8700	5	5	4	2	2	2	1	0	0	0	
8710	0	0	-1	-1	-2	-3	-3	-3	-3	-3	
8720	-3	-2	0	0	0	0	0	0	0	0	
8730	0	0	-1	-4	-3	-5	-6	-6	-6	-7	
8740	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	
8750	-7	-7	-8	-9	-9	-9	-10	-10	-10	-9	
8760	-9	-9	-9	-9	-10	-10	-10	-10	-10	-11	
8770	-11	-11	-11	-11	-11	-12	-13	-13	-13	-13	
8780	-13	-13	-15	-15	-15	-15	-15	-15	-15	-15	
8790	-19	-19	-19	-18	-16	-15	-12	-9	-9	-7	
8800	-6	-6	-3	-4	-4	-4	-2	-2	-2	-2	
8810	-2	-2	-2	-2	-2	-2	-3	-3	-2	-2	
8820	-1	-2	-2	-2	0	0	0	0	1	2	
8830	5	4	6	6	9	7	9	4	2	1	
8840	0	0	0	-1	0	1	1	3	6	8	
8850	11	13	17	20	20	20	19	16	13	13	
8860	10	8	6	6	7	12	16	20	24	24	
8870	27	28	29	29	28	26	26	24	23	23	
8880	23	23	23	24	27	29	30	31	32	32	
8890	32	32	32	32	31	31	31	31	30	31	
8900	33	35	36	37	37	36	36	34	31	28	
8910	26	26	27	30	32	34	33	35	35	37	
8920	37	35	32	29	28	26	26	25	28	29	
8930	30	30	30	30	28	26	24	22	21	20	
8940	21	21	21	21	21	20	19	18	18	18	
8950	18	17	18	17	17	16	15	15	13	11	
8960	9	6	5	5	7	7	6	7	8	7	
8970	6	5	2	0	0	0	-1	-2	-4	-6	
8980	-6	-6	-7	-7	-6	-6	-6	-8	-9	-9	
8990	-9	-9	-9	-9	-9	-10	-11	-12	-14	-15	
9000	-14	-13	-13	-13	-13	-14	-16	-17	-17	-17	
9010	-18	-21	-23	-22	-19	-18	-19	-21	-22	-23	
9020	-24	-23	-24	-24	-24	-23	-22	-22	-22	-22	
9030	-24	-25	-27	-28	-28	-28	-29	-30	-32	-32	
9040	-30	-30	-28	-27	-27	-26	-24	-24	-24	-23	
9050	-27	-27	-29	-29	-33	-35	-38	-39	-39	-39	
9060	-39	-39	-38	-36	-35	-34	-34	-34	-33	-33	
9070	-32	-31	-30	-29	-28	-27	-27	-28	-31	-31	
9080	-33	-35	-35	-35	-34	-33	-33	-32	-31	-30	
9090	-28	-27	-26	-25	-25	-25	-25	-25	-22	-22	
9100	-20	-19	-17	-15	-15	-15	-14	-14	-11	-11	
9110	-10	-7	-4	-3	-2	0	0	0	0	0	
9120	0	3	4	5	8	9	10	10	11	13	

TO BE CONTINUED

END

RECORD = S-1066 COMPONENT = DOWN STATION = SHIMIZU-MIHO-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 9200  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL.  
 SIGNAL = GR.ACC.  
 CONNECTION POINT IN DATA NUMBER= 4659, 9200,

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19
10	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19
20	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19
30	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
40	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
50	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1
60	0	-1	-1	-1	-1	-1	-1	-1	-1	-1
70	0	-1	-1	-2	-4	-5	-6	-6	-6	-6
80	-6	-7	-7	-7	-8	-8	-9	-9	-11	-12
90	-12	-16	-17	-17	-18	-18	-18	-18	-17	-17
100	-14	-10	-8	-5	-3	-3	-5	-7	-9	-10
110	-10	-9	-8	-7	-6	-7	-7	-8	-9	-10
120	-11	-12	-11	-11	-11	-11	-11	-10	-10	-10
130	-20	-22	-21	-21	-18	-16	-12	-10	-8	-5
140	4	5	6	10	13	13	13	11	11	11
150	11	9	7	7	7	7	8	7	8	10
160	14	15	20	22	23	22	21	17	13	10
170	9	10	11	13	13	10	9	0	-5	-10
180	-13	-12	-9	-6	0	7	11	11	12	14
190	15	16	16	22	21	17	16	14	14	10
200	6	4	3	3	5	-6	-11	-13	-14	-13
210	-21	-32	-41	-56	-63	-70	-79	-88	-96	-106
220	-10	8	23	30	31	31	27	21	10	0
230	-4	-6	-5	1	10	20	26	24	16	0
240	-4	-6	-6	-1	-95	-101	-99	-84	-60	-30
250	-20	-38	-61	-81	16	37	65	86	102	111
260	0	13	13	11	16	27	52	32	17	10
270	115	113	108	95	82	67	28	16	-2	-18
280	1	-3	0	2	13	27	28	16	-2	-18
290	-30	-40	-51	-54	-47	-25	5	3	1	-3
300	-7	-9	-19	-26	-32	-41	-45	-49	-49	-49
310	-38	-33	-33	-44	-50	-58	-59	-56	-50	-39
320	-17	8	15	18	31	41	50	60	69	74
330	76	76	83	93	105	111	113	108	92	76
340	57	47	45	41	38	31	23	-2	-22	-29
350	-33	-40	-45	-49	-42	-33	7	43	73	90
360	98	101	102	99	89	76	60	42	26	19
370	16	10	2	-10	6	-4	-14	-35	-48	-48
380	-49	-52	-56	-57	-59	-58	-56	-56	-56	-53
390	-50	-43	-21	5	25	37	40	36	29	22
400	11	3	-1	-7	-16	-21	-33	-22	-17	-14
410	-12	-10	-10	-15	-16	-19	-18	-18	-15	-15
420	-10	1	14	27	33	33	31	27	16	1
430	-3	-2	-1	-1	-1	0	5	5	-6	-17
440	-21	-21	-21	-21	-16	-15	-11	-5	4	11
450	22	23	20	18	21	34	44	43	36	30
460	21	17	15	14	13	13	15	17	17	17
470	19	19	15	11	4	0	-4	-6	-7	-10
480	-15	-16	-11	-9	-9	-11	-13	-14	-13	-14

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1066 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 11 )	( 12 )	( 13 )	( 14 )	( 15 )	( 16 )	( 17 )	( 18 )	( 19 )	( 20 )
1030	36	39	37	34	28	23	21	25	34	45			-63	-59	-56	-50	-43	-41	-39	-37
1040	55	61	60	58	52	43	38	34	32	26			-35	-32	-31	-30	-29	-26	-24	-19
1050	21	19	19	20	21	23	25	25	15	4			-32	-37	-39	-38	-32	-23	-14	-9
1060	4	0	0	0	6	9	14	9	8	5			-10	-12	-20	-23	-26	-27	-27	-27
1070	7	0	0	0	14	10	14	10	14	10			-13	-15	-18	-20	-24	-24	-24	-24
1080	7	8	12	15	17	20	25	30	38	36			-12	-13	-11	-11	-10	-9	-9	-8
1090	31	28	31	35	39	44	48	56	52	21			81	75	71	68	70	74	87	86
1100	39	29	20	10	8	19	19	19	19	21			83	62	58	53	46	39	44	49
1110	23	24	17	14	9	13	14	14	12	9			41	39	40	37	37	40	42	47
1120	11	14	9	-1	-12	-19	-26	-34	-40	-46			46	47	52	54	52	48	44	40
1130	51	-82	-52	-54	-46	-31	-23	-22	-21	-21			46	47	40	41	40	37	36	30
1140	-18	-14	-11	-9	-7	-5	-5	-6	-6	-7			36	37	40	41	40	37	34	28
1150	7	3	4	15	25	29	33	34	34	34			10	9	9	8	8	9	10	11
1160	32	24	14	4	-3	-7	-11	-13	-14	-18			10	9	9	8	8	9	10	11
1170	-24	-29	-30	-25	-16	-21	-29	-33	-37	-38			-10	-12	-15	-18	-21	-19	-16	-12
1180	-43	-51	-58	-47	-51	-44	-35	-30	-26	-27			0	2	0	-7	-14	-22	-26	-27
1190	-35	-38	-40	-38	-37	-38	-40	-37	-32	-29			-27	-27	-32	-38	-44	-53	-62	-71
1200	-25	-21	-16	-19	-21	-22	-21	-21	-17	-17			-86	-88	-89	-88	-88	-82	-77	-78
1210	-12	-1	7	17	24	26	25	20	16	12			-77	-77	-74	-69	-61	-42	-33	-21
1220	13	14	12	-6	-6	-6	-6	-6	-6	-6			-13	-12	-12	-14	-16	-16	-16	-16
1230	-58	-61	-64	-70	-73	-73	-66	-56	-47	-48			28	38	40	37	31	26	18	12
1240	-49	-51	-51	-51	-53	-53	-46	-36	-29	-16			8	17	19	24	34	40	40	36
1250	6	24	34	41	40	38	37	33	26	17			108	108	107	105	101	98	96	98
1260	93	44	41	40	38	37	33	26	17	9			94	87	79	69	61	54	49	47
1270	-1	-9	-13	-22	-33	-40	-43	-42	-37	-31			42	45	53	59	59	54	50	47
1280	-21	-15	-20	23	22	28	24	15	8	-4			34	28	22	19	14	8	2	-2
1290	30	26	24	23	22	28	24	15	8	-4			-15	-17	-17	-16	-17	-17	-17	-17
1300	7	-1	0	0	0	1	7	12	6	2			6	6	6	2	1	0	-1	-1
1310	-10	-14	-20	-22	-22	-21	-16	2	1	12			-15	-19	-26	-35	-38	-40	-42	-46
1320	21	30	41	45	41	34	28	25	27	27			-15	-19	-26	-35	-38	-40	-42	-46
1330	26	23	22	26	30	27	23	19	17	18			-45	-46	-45	-36	-31	-28	-21	-19
1340	16	16	13	13	7	3	-1	0	5	10			0	7	19	29	30	31	32	28
1350	15	14	8	1	-5	-11	-14	-14	-13	-12			19	12	0	-10	-15	-21	-27	-23
1360	-11	-9	-7	-5	0	8	22	33	37	37			-30	-31	-27	-22	-17	-13	-4	-2
1370	35	34	31	28	28	34	45	58	66	66			-10	-9	-6	-5	-6	-10	-12	-11
1380	64	63	59	56	55	50	41	38	40	42			40	56	69	82	93	96	93	90
1390	41	34	27	17	3	-8	-21	-22	-21	-22			94	89	88	88	92	94	99	104
1400	-24	-29	-34	-38	-40	-40	-34	-27	-28	-33			106	106	105	105	103	99	95	90
1410	-42	-51	-58	-64	-69	-73	-75	-75	-69	-55			110	106	105	103	99	95	90	85
1420	-55	-47	-45	-45	-46	-47	-48	-54	-53	-48			80	81	81	82	79	76	72	70
1430	-35	-23	-10	7	22	32	30	24	23	19			64	57	45	34	32	36	38	33
1440	12	6	2	0	-1	-3	-5	-10	-14	-20			28	25	25	27	18	15	14	14
1450	-24	-28	-31	-26	-26	-27	-27	-28	-28	-29			5	4	4	1	-1	-3	-5	-4
1460	-31	-29	-24	-18	-16	-9	-1	5	10	16			-12	-12	-12	-17	-21	-23	-28	-31
1470	24	32	36	36	39	40	37	30	23	16			-7	-8	-9	-9	-9	-9	-9	-9
1480	6	6	4	1	-3	-9	-14	-15	-13	-4			-41	-49	-54	-59	-61	-66	-70	-73
1490	-6	-9	-17	-24	-32	-42	-38	-43	-47	-50			-97	-111	-127	-134	-134	-135	-135	-135
1500	-52	-56	-60	-60	-55	-46	-35	-20	-13	-9			-138	-141	-137	-130	-128	-128	-127	-126
1510	9	-8	-11	-11	-17	-25	-46	-50	-50	-50			-135	-138	-135	-133	-133	-133	-132	-132
1520	-5	7	34	55	68	75	75	75	75	74			-116	-111	-106	-100	-92	-82	-72	-63
1530	70	66	59	51	44	39	34	26	17	12			-91	-84	-78	-72	-68	-61	-50	-41
1540	6	2	5	10	13	9	6	3	3	3			-36	-34	-31	-28	-23	-24	-26	-30
1550	1	0	-4	-12	-19	-25	-29	-36	-40	-45			-31	-31	-31	-28	-21	-14	-9	-1
1560	-50	-55	-58	-61	-62	-66	-66	-70	-71	-71			0	4	4	3	2	1	1	1

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1066 DOWN )

CONTINUED ( S-1066 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	27	24	22	21	21	20	17	15	13	11
2120	12	16	22	35	44	44	43	43	46	51
2130	49	55	58	57	56	54	51	48	44	44
2140	42	44	47	50	52	54	56	58	60	60
2150	62	65	68	69	70	71	71	71	71	71
2160	68	63	60	59	57	57	54	53	50	46
2170	48	44	42	38	35	27	18	11	6	6
2180	6	7	6	5	1	0	-3	-2	0	-4
2190	-8	-15	-20	-22	-24	-25	-30	-33	-35	-35
2200	-39	-42	-45	-48	-52	-55	-59	-59	-57	-56
2210	-56	-53	-44	-34	-30	-25	-19	-13	-11	-11
2220	-11	-14	-14	-13	-13	-14	-17	-20	-22	-25
2230	-29	-32	-36	-40	-46	-53	-64	-64	-69	-71
2240	-71	-62	-61	-59	-57	-56	-55	-55	-54	-54
2250	-64	-62	-61	-59	-57	-56	-55	-55	-54	-54
2260	-53	-49	-46	-42	-38	-37	-36	-34	-34	-34
2270	-31	-27	-24	-20	-15	-13	-11	-10	-10	-11
2280	-11	-10	-10	-10	-9	-8	-6	-6	-3	-3
2290	-2	0	2	7	13	20	29	30	32	36
2300	40	40	42	44	50	52	52	51	52	54
2310	53	60	66	69	70	75	77	79	79	79
2320	79	81	78	76	75	64	62	51	51	51
2330	51	52	55	57	58	61	61	62	64	64
2340	64	66	68	67	71	68	63	61	60	58
2350	58	57	55	55	55	52	51	49	45	42
2360	38	37	36	32	31	31	32	33	33	33
2370	33	31	31	31	30	29	25	21	19	18
2380	17	15	13	13	12	10	8	5	2	1
2390	0	-2	-4	-6	-8	-8	-11	-13	-12	-10
2400	-9	-9	-9	-9	-11	-15	-13	-13	-13	-13
2410	-13	-12	-9	-4	1	7	12	14	14	16
2420	20	20	20	19	17	16	11	10	7	6
2430	2	0	-3	-3	-6	-9	-12	-10	-13	-16
2440	-19	-22	-24	-23	-23	-21	-22	-20	-20	-20
2450	-20	-20	-22	-24	-29	-32	-34	-37	-38	-36
2460	-33	-38	-35	-37	-34	-32	-28	-23	-19	-16
2470	-17	-19	-20	-20	-16	-17	-11	-10	-11	-13
2480	-13	-12	-10	-8	-5	-1	0	4	8	11
2490	12	16	19	21	19	17	13	11	11	11
2500	12	14	17	19	21	21	20	18	16	16
2510	16	16	21	21	22	23	25	26	28	28
2520	28	31	32	32	31	29	30	33	38	38
2530	40	40	40	41	45	46	49	49	50	50
2540	51	50	51	48	45	41	42	41	38	35
2550	32	32	26	25	22	19	14	11	8	5
2560	2	-1	-5	-6	-2	3	7	7	8	8
2570	8	7	7	5	3	2	1	-1	-4	-7
2580	-8	-8	-8	-8	-8	-9	-8	-6	-5	-5
2590	-5	-5	-2	-4	-3	-2	-1	-4	-6	-7
2600	-7	-7	-4	0	0	-1	-4	-6	-14	-16
2610	-14	-12	-12	-14	-17	-19	-21	-23	-25	-26
2620	-28	-31	-33	-36	-39	-40	-43	-44	-44	-44
2630	-44	-43	-44	-45	-49	-51	-52	-54	-54	-56
2640	-59	-57	-55	-52	-52	-52	-55	-56	-59	-59

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1066 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	-40	-40	-40	-40	-38	-36	-36	-33	-31	-30
3200	-26	-24	-20	-20	-19	-15	-13	-12	-12	-13
3210	-13	-10	-6	-4	-2	-2	-2	-2	-2	-2
3220	3	3	3	3	3	3	3	3	1	0
3230	0	-2	-2	-5	-6	-9	-9	-13	-15	-16
3240	4	7	7	7	8	6	5	-8	-13	-2
3250	4	4	7	9	10	10	13	15	15	15
3260	12	9	9	8	9	10	10	11	11	10
3270	9	7	6	5	4	2	0	-2	-2	-2
3280	-2	-2	-2	-2	-4	-6	-6	-6	-6	-5
3290	-1	-1	-1	-1	-2	-2	-1	-1	-1	-1
3300	-6	-6	-6	-5	-6	-1	-1	-2	-5	-6
3310	-6	-5	-6	-5	-6	-1	-1	-1	-1	-1
3320	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
3330	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
3340	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
3350	-9	-9	-9	-11	-12	-12	-12	-12	-12	-12
3360	-16	-19	-20	-19	-20	-20	-20	-22	-21	-20
3370	-20	-20	-21	-22	-22	-25	-24	-22	-22	-22
3380	-22	-22	-22	-18	-17	-17	-19	-22	-22	-22
3390	-23	-23	-26	-25	-25	-24	-22	-21	-21	-21
3400	-23	-23	-22	-22	-21	-18	-16	-14	-13	-13
3410	-13	-12	-11	-9	-6	-5	-3	0	0	1
3420	4	4	5	7	7	10	18	18	18	19
3430	25	29	31	36	39	43	46	49	49	51
3440	56	60	58	58	64	62	63	64	67	66
3450	64	63	63	61	62	60	57	56	56	56
3460	55	54	56	54	53	53	51	50	50	48
3470	41	36	36	36	33	30	30	30	28	28
3480	28	27	24	21	18	15	15	16	14	12
3490	9	5	2	0	-1	-5	-7	-8	-11	-13
3500	-15	-18	-19	-21	-24	-26	-27	-28	-31	-34
3510	-34	-39	-43	-44	-44	-46	-47	-49	-51	-53
3520	-59	-58	-58	-55	-59	-61	-63	-65	-67	-70
3530	-67	-67	-67	-67	-67	-66	-63	-59	-57	-56
3540	-53	-52	-49	-45	-43	-39	-36	-33	-33	-34
3550	-32	-30	-28	-26	-25	-23	-20	-19	-17	-17
3560	-13	-12	-12	-12	-12	-10	-6	-3	-2	-2
3570	-2	-1	-5	-3	-2	-2	2	2	2	2
3580	-2	-1	-1	0	0	2	2	2	1	5
3590	8	6	5	7	8	9	12	14	14	14
3600	14	16	19	18	16	21	22	21	22	24
3610	25	24	23	22	21	20	19	20	21	21
3620	21	20	19	19	19	15	16	19	17	17
3630	13	11	12	12	12	12	11	12	11	11
3640	8	8	8	8	8	5	4	4	3	1
3650	2	0	0	-1	-2	-3	-6	-8	-9	-15
3660	-16	-20	-22	-25	-26	-28	-29	-32	-32	-34
3670	-34	-39	-39	-39	-39	-39	-40	-43	-44	-45
3680	-44	-44	-44	-44	-44	-44	-45	-45	-45	-45
3690	-47	-48	-49	-50	-49	-45	-45	-44	-41	-41
3700	-38	-38	-33	-33	-29	-25	-23	-21	-19	-19
3710	-18	-18	-13	-13	-12	-9	-9	-8	-7	-4
3720	-2	0	1	1	1	3	5	6	7	9

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1066 DOWN )

	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	13	14	16	18	19	19	23	27	29	29
4280	32	35	36	36	36	36	36	40	42	41
4290	40	41	42	42	43	44	44	43	42	40
4300	40	39	37	36	35	33	33	32	28	26
4310	25	23	22	20	19	16	12	12	12	11
4320	8	7	7	7	5	4	2	2	2	2
4330	3	3	3	4	4	5	5	5	5	4
4340	3	2	3	3	2	3	3	0	-4	-4
4350	4	-7	-8	-10	-10	-13	-14	-14	-15	-15
4360	-8	-6	-4	-4	-3	-3	-3	-4	-12	-12
4370	-8	-4	-4	-4	-4	-6	-11	-13	-10	-7
4380	-2	-4	-4	-4	-4	-4	-11	-13	-10	-7
4390	-6	-4	-3	-2	-2	0	1	1	2	2
4400	2	2	2	3	4	5	7	8	8	8
4410	8	10	13	13	13	13	13	13	13	13
4420	13	14	16	17	18	20	22	21	22	22
4430	20	20	19	18	17	17	17	15	15	15
4440	15	16	15	13	11	8	6	6	6	6
4450	3	2	0	0	-3	-3	-7	-6	-8	-8
4460	-8	-10	-12	-16	-22	-22	-22	-26	-26	-30
4470	-30	-33	-33	-34	-36	-37	-40	-41	-43	-44
4480	-44	-47	-48	-52	-52	-54	-56	-58	-61	-62
4490	-63	-63	-64	-64	-64	-64	-64	-61	-59	-58
4500	-60	-59	-57	-57	-55	-54	-53	-52	-51	-49
4510	-48	-45	-42	-41	-40	-38	-36	-35	-34	-31
4520	-28	-24	-23	-21	-18	-16	-13	-10	-6	-4
4530	-1	0	0	4	6	6	7	11	13	14
4540	15	18	18	19	20	20	21	24	24	24
4550	24	24	24	24	24	27	27	27	27	26
4560	26	23	23	23	23	23	23	22	22	22
4570	23	20	19	20	20	18	18	18	18	15
4580	14	14	13	12	10	8	8	8	8	8
4590	8	6	6	5	4	1	1	2	2	1
4600	0	0	0	0	0	0	0	1	1	1
4610	1	0	0	0	0	1	1	1	1	1
4620	1	1	2	2	2	1	1	1	0	0
4630	0	-1	0	-2	-3	-6	-6	-7	-9	-9
4640	-10	-10	-9	-9	-9	-9	-10	-11	-12	-12
4650	-11	-12	-13	-14	-14	-15	-14	-14	-15	-18
4660	-16	-16	-16	-16	-16	-16	-16	-17	-17	-17
4670	-17	-18	-18	-18	-18	-18	-18	-18	-19	-19
4680	-18	-17	-16	-14	-13	-12	-11	-12	-11	-12
4690	-10	-9	-9	-11	-12	-12	-12	-12	-13	-13
4700	-13	-13	-13	-13	-13	-11	-10	-8	-7	-7
4710	-6	-5	-3	-2	0	0	1	1	3	4
4720	5	6	6	7	7	9	10	12	13	14
4730	14	14	15	17	19	20	20	20	22	23
4740	23	23	23	23	23	23	23	24	26	27
4750	28	28	28	28	27	26	27	29	29	29
4760	29	29	29	27	25	26	25	23	23	22
4770	21	21	20	20	20	20	19	19	18	17
4780	17	17	17	16	13	13	10	10	10	11
4790	10	10	10	9	7	6	6	6	5	6
4800	4	4	4	4	4	4	0	0	0	-3

TO BE CONTINUED

CONTINUED ( S-1066 DOWN )

	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4810	-3	-5	-7	-7	-10	-12	-12	-13	-13	-13
4820	-13	-14	-15	-15	-17	-17	-17	-18	-18	-18
4830	-16	-17	-17	-17	-17	-18	-18	-18	-18	-18
4840	-18	-18	-19	-20	-20	-20	-20	-20	-20	-20
4850	-19	-19	-19	-19	-20	-20	-20	-20	-20	-20
4860	-20	-20	-21	-21	-21	-21	-21	-21	-21	-21
4870	-20	-23	-23	-23	-23	-23	-23	-23	-23	-23
4880	-15	-15	-14	-13	-10	-11	-10	-9	-7	-7
4890	-7	-7	-6	-5	-3	-4	-4	-4	-4	-4
4900	-4	-5	-5	-4	-3	0	0	0	0	0
4910	0	-1	-3	-5	-5	-5	-6	-5	-5	-5
4920	0	-5	-5	-5	-5	-5	-4	-3	-2	-2
4930	0	0	0	0	-1	-1	0	0	0	0
4940	0	3	4	6	7	9	10	13	14	16
4950	18	18	18	19	21	21	22	23	24	25
4960	28	30	30	31	33	33	34	36	36	36
4970	36	36	36	36	36	36	37	37	37	39
4980	39	39	38	36	36	36	36	35	33	31
4990	30	29	28	26	23	23	23	23	20	20
5000	17	15	14	12	9	5	4	4	2	0
5010	0	0	-1	-3	-5	-6	-6	-7	-9	-11
5020	-12	-15	-17	-18	-18	-18	-19	-20	-20	-20
5030	-22	-24	-24	-24	-24	-25	-25	-26	-26	-26
5040	-24	-24	-24	-24	-25	-25	-24	-24	-24	-24
5050	-22	-20	-20	-20	-20	-18	-17	-17	-18	-17
5060	-17	-17	-15	-14	-14	-14	-14	-14	-14	-14
5070	-14	-15	-15	-14	-14	-14	-14	-14	-15	-16
5080	-16	-17	-17	-17	-17	-17	-16	-16	-17	-17
5090	-17	-17	-17	-18	-19	-19	-18	-18	-18	-18
5100	-18	-18	-16	-14	-13	-11	-10	-10	-10	-7
5110	-7	-6	-7	-6	-3	0	0	0	0	3
5120	7	11	11	10	13	14	14	14	14	13
5130	13	14	15	15	15	16	17	17	17	17
5140	17	19	19	20	20	20	20	20	20	20
5150	20	20	20	20	20	20	20	20	20	20
5160	21	20	20	20	20	19	19	19	17	17
5170	17	17	15	13	13	12	11	9	9	6
5180	7	7	6	4	3	3	2	1	1	1
5190	0	-2	-3	-4	-4	-5	-4	-4	-2	0
5200	-1	-3	-3	-3	-3	-3	-4	-4	-3	-3
5210	-3	-3	-3	-3	-4	-5	-5	-6	-7	-7
5220	-7	-6	-7	-7	-7	-6	-6	-6	-6	-4
5230	-3	-2	-3	-2	-2	-2	-2	-2	-2	-4
5240	-5	-4	-4	-4	-4	-4	-4	-6	-6	-6
5250	-6	-6	-5	-5	-6	-6	-6	-6	-6	-6
5260	-7	-7	-7	-7	-7	-6	-6	-6	-6	-6
5270	-6	-7	-5	-1	0	0	2	3	5	6
5280	7	7	9	10	10	10	10	11	11	13
5290	14	13	13	14	14	14	14	13	12	11
5300	11	12	12	12	12	12	11	10	9	8
5310	8	7	7	7	6	5	4	3	1	0
5320	0	1	0	1	1	0	0	-1	-1	-2
5330	-3	-2	-3	-3	-5	-5	-5	-5	-5	-5
5340	-6	-6	-6	-6	-6	-8	-10	-12	-12	-12

TO BE CONTINUED



CONTINUED ( S-1066 DOWN )										CONTINUED ( S-1066 DOWN )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	-13	-15	-14	-16	-18	-15	-18	-16	-17	-17	5990	8	7	5	3	1	0	-4	-7	-7	-8
5360	-17	-17	-17	-17	-17	-17	-17	-17	-17	-18	5900	-9	-9	-10	-12	-14	-15	-15	-16	-18	-18
5370	-18	-18	-17	-17	-17	-17	-17	-17	-17	-18	5910	-18	-20	-20	-20	-20	-22	-22	-22	-23	-23
5380	-18	-16	-15	-13	-13	-13	-11	-9	-9	-10	5920	-24	-26	-27	-28	-28	-29	-29	-29	-29	-28
5390	-10	-9	-9	-7	-8	-7	-6	-5	-5	-5	5930	-28	-29	-28	-28	-28	-29	-29	-29	-28	-28
5400	-4	-3	-2	0	0	1	3	4	4	5	5940	-28	-27	-25	-26	-25	-26	-26	-25	-23	-22
5410	8	9	10	11	13	14	13	13	14	14	5950	-17	-17	-16	-16	-17	-16	-15	-14	-13	-11
5420	15	15	16	17	17	18	19	21	22	22	5960	-11	-9	-8	-7	-6	-5	-4	-4	-2	-2
5430	24	24	25	26	27	27	27	27	27	27	5970	-2	-1	-2	-2	-2	-2	-1	-1	-1	-1
5440	26	25	24	25	25	25	25	24	24	24	5980	-1	-1	-2	-3	-4	-4	-4	-4	-4	-5
5450	24	23	23	24	23	24	23	24	24	24	5990	-5	-5	-6	-6	-6	-8	-9	-11	-10	-11
5460	23	23	21	21	21	21	21	20	20	20	6000	-10	-11	-12	-11	-11	-11	-12	-11	-10	-11
5470	20	20	18	18	17	16	15	14	13	12	6010	-9	-8	-5	-6	-6	-4	-4	-5	-4	-4
5480	10	9	8	7	5	4	3	2	1	1	6020	-4	-4	-4	-3	-3	-2	-2	-2	-2	-2
5490	0	0	0	0	0	0	0	0	0	0	6030	-1	-1	-1	-1	-1	-2	-3	-3	-3	-3
5500	0	0	2	4	4	4	4	5	5	5	6040	-3	-4	-5	-5	-5	-4	-3	-1	-2	-1
5510	5	5	6	6	7	7	7	7	8	8	6050	-1	-2	-1	-1	-1	-1	-2	-2	-1	-1
5520	9	11	11	12	12	13	14	14	14	14	6060	-1	-1	-1	-1	-1	0	0	-1	0	0
5530	13	11	9	8	8	7	5	5	5	5	6070	0	0	0	0	0	1	3	3	4	5
5540	4	2	-2	-4	-5	-6	-6	-6	-6	-6	6080	5	5	5	5	5	5	5	6	7	8
5550	-2	-3	-3	-4	-4	-5	-6	-9	-10	-10	6090	8	9	10	11	11	12	12	13	13	14
5560	-13	-15	-16	-16	-16	-16	-16	-16	-16	-17	6100	15	15	15	15	15	15	16	17	17	17
5570	-18	-22	-24	-26	-27	-28	-31	-34	-35	-35	6110	17	17	19	19	19	21	22	22	22	22
5580	-33	-34	-34	-34	-34	-34	-34	-34	-34	-34	6120	27	27	26	26	26	26	24	22	22	22
5590	-33	-34	-34	-34	-32	-29	-28	-28	-28	-28	6130	22	25	24	24	22	21	20	20	20	18
5600	-27	-26	-27	-26	-25	-23	-21	-20	-19	-19	6140	18	18	16	15	13	13	12	12	11	10
5610	-18	-17	-15	-15	-13	-11	-9	-8	-9	-9	6150	13	11	11	11	8	8	7	6	5	5
5620	-8	-8	-6	-4	-3	-2	0	1	3	4	6160	5	4	4	4	2	2	1	1	2	2
5630	2	4	5	5	5	7	10	10	9	9	6170	2	2	2	1	0	-1	-4	-5	-5	-6
5640	9	9	9	10	11	11	10	10	10	10	6180	-6	-5	-5	-5	-5	-5	-5	-6	-7	-7
5650	9	9	8	8	8	9	9	8	8	8	6190	-8	-9	-9	-9	-9	-9	-10	-11	-12	-13
5660	8	7	7	7	7	7	8	9	9	9	6200	-14	-16	-16	-17	-18	-19	-19	-19	-20	-22
5670	9	9	9	9	9	9	9	9	9	9	6210	-22	-22	-22	-21	-21	-23	-23	-23	-23	-23
5680	10	9	9	9	9	9	9	9	9	9	6220	-24	-24	-24	-23	-24	-25	-25	-25	-25	-25
5690	9	10	10	10	13	13	13	14	16	16	6230	-25	-25	-25	-25	-25	-25	-24	-24	-24	-24
5700	16	16	16	15	15	13	13	13	13	13	6240	-24	-22	-21	-17	-17	-17	-16	-15	-14	-13
5710	13	10	7	7	7	6	6	4	3	3	6250	-9	-8	-7	-6	-5	-5	-2	0	0	0
5720	3	2	0	-1	-2	-3	-5	-5	-4	-4	6260	0	0	0	0	0	0	0	0	0	0
5730	-8	-8	-8	-8	-8	-8	-8	-8	-9	-10	6270	3	4	3	3	3	4	5	5	6	9
5740	-10	-11	-10	-10	-11	-11	-11	-12	-13	-13	6280	10	10	11	12	13	13	14	14	14	14
5750	-10	-11	-11	-14	-14	-14	-14	-14	-14	-14	6290	14	14	14	14	13	13	13	12	11	11
5760	-13	-13	-13	-12	-11	-11	-11	-10	-9	-9	6300	12	12	12	12	12	12	12	12	12	12
5770	-7	-7	-6	-5	-5	-5	-5	-5	-5	-5	6310	12	13	14	14	13	12	12	11	10	9
5780	-3	-2	-1	0	0	0	2	2	3	4	6320	8	6	6	6	6	6	6	6	6	6
5790	6	7	8	8	8	8	7	7	7	7	6330	8	7	7	6	6	5	4	3	4	5
5800	12	13	13	13	16	16	17	17	17	17	6340	4	3	5	5	5	5	5	5	4	5
5810	17	19	19	19	19	20	20	20	22	22	6350	7	5	5	5	7	2	2	2	1	2
5820	22	22	22	22	22	22	22	22	22	23	6360	4	4	3	2	2	0	0	0	1	1
5830	23	23	23	21	19	20	20	20	22	23	6370	1	1	1	1	0	0	0	0	1	1
5840	25	23	23	23	23	23	23	23	23	23	6380	0	-1	-1	-2	-3	-3	-3	-4	-5	-5
5850	23	23	23	23	23	23	22	22	22	22	6390	-5	-5	-5	-5	-6	-5	-5	-5	-5	-5
5860	23	23	23	21	21	21	21	21	21	21	6400	-6	-6	-6	-6	-6	-5	-5	-5	-5	-5
5870	23	21	19	18	18	18	18	18	17	15	6410	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4
5880	14	14	14	14	13	12	11	9	9	9	6420	-4	-5	-5	-4	-4	-3	-2	-2	-2	-2

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1066 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6430	-2	-1	-1	-1	0	0	0	0	0	0
6440	0	0	1	2	0	2	2	1	1	1
6450	0	1	0	0	0	0	0	-1	-1	-1
6460	-1	-1	-1	-1	-1	-1	-1	-2	-2	-2
6470	-5	-4	-5	-4	-5	-8	-8	-8	-9	-9
6480	-9	-9	-10	-12	-12	-12	-12	-13	-13	-13
6490	-13	-13	-15	-15	-15	-15	-16	-16	-18	-18
6500	-18	-17	-15	-15	-13	-12	-12	-12	-12	-12
6510	-12	-12	-9	-8	-8	-8	-8	-9	-9	-9
6520	-8	-8	0	-1	-1	-1	-1	-2	-2	-2
6530	-2	0	1	1	1	2	3	4	4	5
6540	5	4	4	7	9	10	11	10	8	8
6550	10	11	11	12	12	14	14	14	16	16
6560	16	16	16	15	15	14	14	14	14	14
6570	13	12	12	12	11	11	11	11	11	11
6580	11	11	10	11	9	9	9	8	8	8
6590	8	7	6	4	4	4	3	2	0	0
6600	-1	-1	-2	-3	-4	-5	-4	-7	-7	-7
6610	-8	-8	-10	-10	-11	-11	-11	-11	-12	-14
6620	-15	-15	-15	-16	-16	-16	-16	-17	-18	-18
6630	-18	-19	-19	-20	-19	-19	-19	-19	-19	-19
6640	-19	-19	-18	-19	-19	-20	-20	-20	-20	-20
6650	-20	-20	-20	-20	-19	-18	-16	-15	-14	-15
6660	-15	-15	-15	-15	-13	-11	-11	-12	-12	-11
6670	-10	-10	-7	-6	-6	-6	-6	-6	-6	-6
6680	-5	-4	-4	-4	-3	-2	-2	-1	0	0
6690	0	0	0	0	0	0	0	0	0	0
6700	4	4	4	4	3	3	3	4	4	4
6710	6	6	6	7	9	9	9	9	10	10
6720	9	9	9	9	9	10	10	10	10	10
6730	10	9	9	9	9	10	10	10	9	9
6740	8	8	8	8	7	6	6	6	6	6
6750	9	9	9	8	7	6	6	6	6	6
6760	5	5	5	6	6	6	6	6	6	6
6770	6	6	6	6	4	4	4	4	4	4
6780	4	4	4	4	4	4	4	4	4	4
6790	1	1	1	1	1	1	1	0	0	0
6800	-1	-2	-5	-5	-5	-5	-3	-4	-2	-2
6810	-2	-2	-2	-1	-1	-1	-1	-4	-4	-5
6820	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
6830	-4	-4	-4	-5	-4	-4	-4	-4	-4	-4
6840	-4	-4	-4	-4	-4	-4	-4	-2	-2	-1
6850	-2	-2	-2	-1	-1	-1	0	0	1	1
6860	1	1	1	1	2	2	2	2	2	2
6870	3	2	2	2	3	3	3	4	6	6
6880	6	6	6	6	5	5	5	5	6	6
6890	6	6	6	6	5	5	5	6	6	6
6900	5	5	5	5	5	5	5	5	6	6
6910	0	0	-2	-2	-2	-2	-2	-3	-4	-4
6920	-6	-7	-7	-7	-7	-7	-7	-8	-8	-7
6930	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
6940	-10	-11	-10	-10	-10	-10	-10	-10	-10	-10
6950	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
6960	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5

TO BE CONTINUED

CONTINUED( S-1066 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6970	-3	-3	-3	-4	-4	-4	-4	-3	-3	-2
6980	-1	0	0	0	0	0	0	-3	-3	-3
6990	-1	0	0	0	0	0	0	-3	-3	-3
7000	2	2	2	2	2	2	2	3	3	3
7010	3	3	3	3	3	3	3	3	3	3
7020	6	6	6	6	6	6	6	6	6	6
7030	7	7	7	7	7	7	7	7	7	7
7040	3	3	3	3	3	3	3	3	3	3
7050	0	-2	-3	-3	-3	-3	-3	-4	-4	-4
7060	-4	-6	-6	-7	-7	-7	-7	-7	-7	-7
7070	-9	-10	-10	-11	-12	-13	-14	-14	-15	-15
7080	-16	-16	-16	-16	-17	-18	-18	-19	-20	-21
7090	-22	-22	-22	-22	-22	-22	-22	-21	-21	-21
7100	-21	-21	-19	-17	-18	-17	-17	-16	-14	-14
7110	-14	-14	-14	-13	-11	-10	-10	-8	-7	-7
7120	-6	-5	-5	-4	-2	0	2	4	6	6
7130	7	6	7	8	9	9	10	10	11	11
7140	13	13	14	16	16	16	19	20	23	25
7150	25	25	25	25	26	26	26	26	26	26
7160	25	25	24	23	23	23	25	26	26	26
7170	26	26	26	26	26	26	24	24	22	22
7180	22	21	21	20	19	17	16	16	16	16
7190	15	15	14	13	12	11	9	9	10	11
7200	12	12	12	11	9	8	8	8	8	7
7210	6	6	6	6	5	4	3	2	1	0
7220	0	0	0	0	0	0	0	-1	-1	0
7230	0	0	0	0	0	0	0	-3	-4	-4
7240	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
7250	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
7260	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4
7270	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4
7280	-6	-5	-4	-4	-4	-4	-4	-4	-4	-4
7290	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
7300	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
7310	-2	-2	-3	-3	-3	-3	-3	-3	-3	-3
7320	0	0	0	0	0	0	0	0	0	0
7330	2	3	3	3	3	3	3	2	2	2
7340	3	4	4	4	4	4	4	4	4	4
7350	4	4	4	4	4	4	4	4	4	4
7360	4	5	5	5	5	5	5	5	5	5
7370	4	5	5	5	5	5	5	5	5	5
7380	5	5	5	5	5	5	5	5	5	5
7390	4	4	4	4	4	4	4	4	4	4
7400	0	0	0	0	0	0	0	0	0	0
7410	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7420	-1	0	1	1	1	1	1	1	1	1
7430	0	0	0	0	0	0	0	0	0	0
7440	3	4	4	4	4	4	4	4	4	4
7450	0	1	3	3	3	3	3	3	3	3
7460	5	5	5	5	5	5	5	5	5	5
7470	6	7	7	7	7	7	7	7	7	7
7480	6	7	7	7	7	7	7	7	7	7
7490	5	5	5	5	5	5	5	5	5	5
7500	-3	-5	-6	-6	-6	-6	-6	-6	-6	-6

TO BE CONTINUED

CONTINUED( S-1066 DOWN )										CONTINUED( S-1066 DOWN )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
7510	-10	-12	-12	-11	-9	-9	-9	-9	-9	-10	8050	-2	-2	-3	-2	-2	-2	-2	-2	-2	-2
7520	-10	-9	-9	-8	-9	-10	-11	-12	-12	-11	8060	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7530	-10	-10	-10	-7	-6	-6	-8	-10	-10	-10	8070	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7540	-10	-10	-9	-9	-9	-9	-9	-9	-10	-10	8080	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7550	-9	-10	-10	-10	-6	-6	-6	-6	-7	-8	8090	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7560	-8	-7	-6	-6	-6	-5	-3	-3	-6	-6	8100	0	0	0	0	1	1	1	1	1	1
7570	-5	-3	-2	-2	-2	-2	-2	-2	-1	0	8110	1	1	1	1	1	1	1	1	1	1
7580	1	0	1	2	2	2	2	2	2	2	8120	1	1	1	1	1	1	1	1	1	1
7590	3	4	3	3	3	3	3	3	3	4	8130	1	0	0	0	0	-1	-2	-2	-2	-2
7600	3	4	3	3	3	3	3	3	3	2	8140	-1	0	-2	-2	-2	-2	-2	-2	-2	-2
7610	2	4	4	5	5	5	5	5	5	8	8150	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7620	7	6	5	5	5	5	5	5	5	7	8160	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7630	7	7	7	7	7	6	5	5	5	5	8170	0	0	0	0	0	0	0	0	0	0
7640	7	8	8	9	9	9	9	10	10	10	8180	0	0	1	1	1	1	1	1	1	1
7650	10	10	10	10	10	10	11	11	11	11	8190	2	2	2	2	2	2	2	2	2	2
7660	11	12	12	12	13	14	15	15	15	15	8200	2	4	5	5	5	5	5	5	5	5
7670	12	10	9	9	9	8	7	7	7	7	8210	4	4	5	5	5	5	5	5	5	5
7680	7	7	7	7	7	6	6	6	6	6	8220	1	0	1	1	1	1	1	1	1	1
7690	6	4	4	6	6	6	6	6	6	6	8230	5	5	5	5	5	5	5	5	5	5
7700	6	6	6	6	6	6	6	6	6	6	8240	7	2	3	3	3	3	3	3	3	3
7710	3	3	1	0	0	0	0	0	0	0	8250	4	5	5	5	5	5	5	5	5	5
7720	0	0	0	1	1	1	1	1	1	1	8260	5	5	8	8	8	8	8	8	8	8
7730	1	0	0	0	0	0	0	0	0	0	8270	1	0	1	1	1	1	1	1	1	1
7740	0	0	0	1	1	1	1	1	1	1	8280	2	1	1	1	1	1	1	1	1	1
7750	0	0	0	1	0	0	-1	-2	-2	-2	8290	-1	0	-1	-1	-1	-1	-1	-1	-1	-1
7760	-2	-4	-6	-6	-6	-6	-6	-6	-6	-6	8300	0	0	0	0	0	0	0	0	0	0
7770	-7	-8	-8	-8	-7	-8	-10	-10	-10	-9	8310	0	0	-1	-2	-2	-2	-2	-2	-2	-2
7780	-10	-10	-8	-8	-8	-8	-9	-9	-9	-9	8320	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7790	-10	-10	-10	-10	-9	-9	-9	-9	-9	-9	8330	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7800	-9	-10	-10	-9	-9	-10	-9	-9	-9	-9	8340	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7810	-8	-8	-7	-7	-7	-7	-7	-7	-7	-7	8350	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7820	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	8360	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7830	0	0	0	0	0	0	0	0	0	0	8370	0	0	0	0	0	0	0	0	0	0
7840	0	2	2	3	3	3	2	2	2	1	8380	-1	2	1	1	1	1	1	1	1	1
7850	0	0	0	1	0	0	0	0	0	0	8390	0	0	0	0	0	0	0	0	0	0
7860	0	0	0	0	0	0	0	0	0	0	8400	5	5	6	6	6	6	6	6	6	6
7870	0	0	0	0	0	0	0	0	0	0	8410	7	7	7	7	7	7	7	7	7	7
7880	0	0	0	0	0	0	0	0	0	0	8420	5	6	7	7	7	7	7	7	7	7
7890	-1	-2	-3	-3	-3	-3	-3	-3	-3	-3	8430	7	7	7	7	7	7	7	7	7	7
7900	-1	-2	-2	-2	-2	-2	-2	-2	-2	-2	8440	4	4	4	4	4	4	4	4	4	4
7910	-3	-2	-2	-2	-2	-2	-2	-2	-2	-2	8450	5	7	7	7	7	7	7	7	7	7
7920	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	8460	3	3	2	2	2	2	2	2	2	2
7930	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	8470	3	3	1	1	1	1	1	1	1	1
7940	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	8480	-5	-2	-2	-2	-2	-2	-2	-2	-2	-2
7950	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	8490	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
7960	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	8500	-11	-10	-10	-10	-10	-10	-10	-10	-10	-10
7970	-1	0	0	1	1	1	1	1	1	1	8510	-11	-10	-10	-10	-10	-10	-10	-10	-10	-10
7980	1	1	1	1	1	1	1	1	1	1	8520	-7	-6	-7	-6	-6	-6	-6	-6	-6	-6
7990	3	4	4	4	4	4	4	4	4	4	8530	-7	-6	-6	-6	-6	-6	-6	-6	-6	-6
8000	3	4	4	4	4	4	4	4	4	4	8540	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5
8010	7	7	7	7	7	7	7	7	7	7	8550	2	2	2	2	2	2	2	2	2	2
8020	8	8	8	8	8	8	8	8	8	8	8560	6	6	6	6	6	6	6	6	6	6
8030	8	7	7	7	7	7	7	7	7	7	8570	11	12	14	14	14	14	14	14	14	14
8040	8	4	4	4	4	4	4	4	4	4	8580	17	16	16	16	16	16	16	16	16	16

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( 9-1066 DOWN )										CONTINUED ( 5-1066 DOWN )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8590	17	17	16	20	20	20	20	20	20	20	9130	-9	-7	-7	-8	-9	-9	-9	-9	-7	-6
8600	20	20	20	20	20	20	20	20	19	18	9140	-7	-7	-7	-7	-7	-7	-6	-7	-7	-8
8610	18	18	18	20	20	19	18	17	17	17	9150	-9	-10	-10	-11	-13	-13	-13	-13	-13	-13
8620	16	16	13	13	14	14	14	14	13	13	9160	-13	-13	-13	-13	-13	-13	-11	-11	-11	-12
8630	14	13	12	11	10	10	9	7	8	9	9170	-12	-12	-12	-12	-12	-11	-11	-10	-11	-11
8640	10	10	10	10	8	7	7	7	7	6	9180	-11	-12	-12	-12	-12	-11	-11	-8	-7	-7
8650	6	5	4	4	2	1	1	1	1	1	9190	-5	-5	-4	-4	-3	-2	-3	-3	-2	-3
8660	1	0	0	-1	-2	-2	-2	-2	-2	-3											
8670	-2	-3	-4	-4	-4	-5	-5	-5	-5	-5											
8680	-9	-8	-6	-5	-4	-4	-4	-4	-4	-4											
8690	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7											
8700	-10	-11	-12	-12	-12	-13	-13	-14	-14	-14											
8710	-12	-12	-11	-10	-11	-10	-10	-11	-11	-12											
8720	-12	-12	-10	-11	-10	-10	-10	-10	-10	-10											
8730	-10	-9	-9	-8	-7	-7	-8	-4	-4	-5											
8740	-5	-4	-2	-2	-1	-1	-2	-1	-1	2											
8750	2	3	4	5	4	4	4	3	3	5											
8760	7	9	9	6	4	3	3	3	3	2											
8770	3	3	4	5	6	6	6	6	6	7											
8780	6	6	7	7	8	9	10	9	9	9											
8790	9	9	9	10	11	13	12	10	9	8											
8800	6	7	7	7	7	8	10	9	8	7											
8810	6	3	2	2	2	2	3	0	0	0											
8820	0	0	0	0	-2	-2	-2	-2	-2	-4											
8830	-4	-4	-5	-3	-3	-3	0	0	0	0											
8840	0	0	0	0	0	0	0	0	-2	-3											
8850	-3	-3	-3	-3	-3	-1	0	0	0	0											
8860	0	1	2	3	3	-1	-4	-4	-4	-6											
8870	-8	-9	-8	-6	-5	-4	0	0	1	2											
8880	1	2	2	2	2	2	3	3	4	4											
8890	4	4	4	6	6	7	6	6	7	6											
8900	7	8	8	8	8	9	9	9	9	9											
8910	8	8	9	11	12	12	12	12	12	12											
8920	12	11	8	6	8	9	10	11	11	11											
8930	10	11	12	12	12	12	13	13	12	11											
8940	9	8	8	8	7	7	8	8	8	8											
8950	8	8	7	8	8	8	8	8	8	7											
8960	7	7	7	7	7	6	4	3	3	3											
8970	0	0	0	0	0	0	0	0	-1	0											
8980	0	-2	-2	-2	-1	-3	-5	-7	-8	-8											
8990	-8	-8	-8	-9	-9	-9	-9	-9	-9	-9											
9000	-6	-6	-6	-8	-8	-8	-8	-8	-9	-10											
9010	-11	-11	-10	-11	-10	-9	-10	-9	-10	-10											
9020	-10	-10	-10	-8	-8	-9	-9	-8	-8	-8											
9030	-9	-8	-8	-8	-8	-5	-5	-5	-5	-5											
9040	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4											
9050	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1											
9060	0	0	0	0	0	0	0	0	0	0											
9070	-2	-1	-1	-1	-1	-2	-2	-2	-2	-2											
9080	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2											
9090	-2	-2	0	0	0	0	0	0	0	0											
9100	0	0	0	0	0	0	0	0	0	0											
9110	-5	-6	-6	-6	-6	-6	-6	-6	-6	-6											
9120	-6	-7	-7	-7	-7	-7	-7	-7	-7	-7											

END

TO BE CONTINUED

RECORD = S-1071 COMPONENT = ND2E STATION = OKITSU-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 4450  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR-ACC. CONNECTION POINT IN DATA NUMBER= 3012, 4450.

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	27	27	27	27	27	27	27	27	27	27
10	27	27	27	27	27	27	27	27	27	27
20	23	23	22	22	22	21	21	21	20	24
30	19	18	17	17	16	14	12	12	12	12
40	12	12	10	7	7	7	7	7	7	7
50	7	7	8	10	12	14	15	17	18	18
60	18	19	22	23	23	24	25	26	26	26
70	26	26	26	26	27	27	25	25	24	22
80	21	19	17	12	5	-1	-7	-11	-13	-14
90	-15	-16	-16	-16	-15	-14	-14	-15	-14	-9
100	-5	1	6	6	11	14	17	22	26	28
110	30	31	31	29	28	26	23	17	10	4
120	-1	-6	-3	-2	0	4	8	12	14	12
130	-4	-4	-3	-2	0	4	8	12	14	12
140	22	26	26	26	27	26	21	16	12	9
150	7	6	6	6	6	6	5	5	3	-1
160	-3	-3	-3	-3	0	4	10	16	19	18
170	22	23	22	22	19	18	19	17	17	18
180	17	15	14	13	13	11	9	7	4	1
190	0	0	4	4	9	13	16	18	17	16
200	5	4	4	5	5	4	3	1	0	0
210	0	-2	4	5	-7	-7	-5	-3	0	5
220	9	13	17	21	16	11	10	9	9	11
230	14	17	22	23	26	28	28	26	25	21
240	17	11	1	1	-4	-8	-8	-6	-6	-3
250	2	7	9	9	8	6	6	6	9	8
260	8	11	14	15	17	16	14	14	13	12
270	7	2	0	5	-9	-11	-9	-9	-8	-5
280	-1	1	3	5	9	13	15	19	22	25
290	29	32	33	31	29	28	28	26	23	20
300	19	-19	16	13	12	6	3	-3	-7	-11
310	-12	-13	-15	-15	-14	-11	-7	-4	4	10
320	15	20	21	20	20	22	22	23	26	28
330	27	29	28	27	27	23	19	16	12	11
340	12	13	14	14	16	21	21	18	15	12
350	7	0	-5	-9	-13	-14	-14	-13	-9	-6
360	-1	1	3	4	1	-2	-8	-8	-7	-6
370	-5	-1	0	1	5	9	12	14	16	16
380	15	12	12	12	13	13	14	14	14	12
390	10	9	7	6	5	5	6	7	5	3
400	2	0	-3	-6	-9	-11	-12	-14	-17	-18
410	-16	-19	-18	-18	-15	-12	-10	-8	-7	-7
420	-4	-1	-1	-1	-2	-2	-1	0	1	4
430	7	9	9	8	9	10	12	11	11	12
440	13	14	15	15	15	14	10	5	0	0
450	0	1	1	4	7	8	10	13	13	13
460	13	13	14	14	14	13	14	14	14	14
470	14	14	14	16	17	16	15	14	15	17
480	18	18	18	16	13	10	9	9	8	8

TO BE CONTINUED

TO BE CONTINUED

	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 11 )	( 12 )	( 13 )	( 14 )	( 15 )	( 16 )	( 17 )	( 18 )	( 19 )	( 20 )		
1030	-79	-67	-46	-22	5	19	26	30	25	20												
1040	12	8	1	-6	-16	-22	-26	-32	-33	-33												
1050	-32	-29	-25	-17	-5	12	26	42	51	51												
1060	41	33	25	14	7	0	-8	-12	-17	-27												
1070	-31	-34	-33	-29	-22	-5	20	51	65	71												
1080	72	82	84	100	111	123	133	139	134	131												
1090	128	124	117	110	99	87	83	77	59	42												
1100	26	14	8	3	4	4	4	4	2	-5												
1110	-17	-31	-58	-82	-103	-116	-126	-124	-118	-106												
1120	-84	-63	-37	-15	0	22	37	47	47	47												
1130	43	37	35	31	31	31	31	27	21	10												
1140	-4	-12	-19	-20	-14	-7	-1	5	8	4												
1150	-9	-22	-33	-46	-58	-70	-71	-60	-37	-11												
1160	6	22	40	47	50	50	44	31	18	3												
1170	-11	-38	-59	-67	-69	-64	-51	-23	5	30												
1180	50	63	68	69	69	68	65	62	66	81												
1190	105	128	145	162	169	160	153	117	74	32												
1200	5	-14	-34	-36	-37	-14	9	30	50	59												
1210	62	59	56	56	63	77	92	109	121	123												
1220	112	97	83	71	59	50	45	47	52	57												
1230	61	53	40	31	18	9	3	0	-1	14												
1240	22	23	22	13	1	-4	-11	-10	-5	3												
1250	9	13	14	17	14	13	18	23	25	27												
1260	25	18	8	-2	-12	-16	-15	-11	-8	-5												
1270	-2	2	7	9	12	13	14	16	16	13												
1280	12	15	19	26	33	38	42	41	35	26												
1290	19	12	3	-3	-11	-9	-6	-6	-9	-15												
1300	-24	-39	-50	-58	-64	-67	-70	-72	-73	-75												
1310	-69	-58	-43	-21	-8	5	10	1	-9	-18												
1320	-21	-26	-15	-9	0	7	8	9	-2	-11												
1330	-16	-22	-31	-29	-24	-19	-13	-3	5	8												
1340	8	8	11	20	29	35	41	42	42	42												
1350	65	53	39	28	22	20	21	20	18	16												
1360	14	14	16	34	44	51	55	61	64	66												
1370	64	58	59	44	43	44	48	53	58	63												
1380	64	60	49	38	28	18	13	6	4	4												
1390	1	1	-2	-1	-3	-4	-9	-15	-15	-23												
1400	-34	-39	-42	-42	-42	-42	-36	-33	-28	-21												
1410	-12	-1	8	18	22	25	26	25	25	24												
1420	22	18	15	14	14	14	14	15	15	17												
1430	20	20	20	18	11	7	4	1	-5	-9												
1440	-4	1	9	17	25	26	24	22	17	11												
1450	3	0	-2	-1	0	0	2	3	2	0												
1460	-3	-6	-8	-9	-8	-6	-5	-5	-9	-11												
1470	1	1	1	0	-3	-5	-9	-9	-11	-16												
1480	-18	-22	-25	-24	-22	-24	-24	-26	-25	-22												
1490	-20	-19	-17	-18	-22	-25	-27	-30	-32	-31												
1500	-38	-29	-30	-30	-32	-35	-39	-43	-45	-41												
1510	-29	-32	-24	-7	4	4	11	14	14	13												
1520	15	15	17	15	15	13	10	8	7	10												
1530	15	18	20	16	7	2	-1	-8	-11	-16												
1540	-25	-29	-33	-39	-43	-47	-51	-53	-52	-53												
1550	-51	-54	-57	-59	-67	-74	-81	-85	-87	-88												
1560	-83	-75	-62	-62	-62	-64	-69	-73	-77	-85												

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1071 NO2F )

CONTINUED ( S-1071 NO2F )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	25	22	17	12	6	1	0	0	-1	-1
2120	0	0	2	3	3	3	3	3	3	6
2130	7	7	8	10	10	12	12	16	18	20
2140	25	30	32	35	33	29	26	22	22	22
2150	22	20	20	19	17	17	17	15	11	11
2160	9	2	0	-1	-4	-5	-6	-6	-5	-5
2170	-7	-11	-15	-21	-24	-27	-29	-32	-25	-22
2180	-16	-8	-5	0	10	9	8	8	7	12
2190	-1	-2	-7	-11	-13	-10	-3	6	13	13
2200	18	18	17	16	15	15	15	15	14	14
2210	13	13	12	11	10	10	11	10	11	12
2220	11	11	8	3	-1	-6	-12	-17	-22	-24
2230	-24	-22	-21	-21	-21	-19	-17	-18	-19	-20
2240	-26	-35	-40	-40	-39	-38	-33	-31	-23	-23
2250	-21	-21	-21	-21	-21	-21	-21	-23	-23	-23
2260	-25	-25	-26	-30	-35	-40	-43	-44	-47	-47
2270	-46	-46	-51	-53	-53	-53	-54	-52	-51	-50
2280	-50	-50	-49	-49	-49	-46	-40	-29	-28	-31
2290	-31	-28	-32	-36	-37	-40	-41	-41	-41	-40
2300	-34	-35	-39	-41	-40	-39	-38	-34	-32	-31
2310	-39	-37	-28	-27	-27	-26	-27	-29	-34	-31
2320	-31	-30	-30	-29	-29	-27	-26	-27	-29	-34
2330	-61	-48	-52	-55	-58	-61	-62	-62	-63	-63
2340	-63	-62	-62	-62	-61	-62	-62	-63	-63	-59
2350	-59	-58	-58	-55	-52	-49	-45	-54	-56	-59
2360	-30	-30	-28	-25	-25	-26	-27	-28	-30	-31
2370	-31	-29	-25	-26	-23	-20	-16	-14	-14	-14
2380	-12	-12	-12	-10	-9	-6	-7	-7	-10	-13
2390	-13	-13	-12	-14	-13	-12	10	7	6	6
2400	15	13	14	14	13	12	10	7	6	6
2410	6	8	8	10	8	6	6	6	9	7
2420	7	6	5	5	5	5	6	7	8	10
2430	11	12	13	14	16	16	12	10	8	7
2440	4	-1	-6	-11	-13	-14	-14	-15	-16	-16
2450	-16	-16	-16	-16	-16	-16	-16	-16	-15	-15
2460	-12	-12	-11	-8	-2	0	0	1	4	6
2470	7	8	9	9	12	14	14	14	16	17
2480	17	15	14	13	11	10	6	0	-3	-8
2490	-9	-10	-14	-17	-20	-20	-20	-20	-22	-20
2500	-21	-23	-23	-23	-22	-20	-19	-18	-16	-16
2510	-16	-14	-14	-13	-13	-13	-13	-13	-13	-10
2520	-7	-4	0	5	5	9	9	6	7	7
2530	9	7	6	3	3	0	-3	-3	-6	-6
2540	-7	-7	-7	-5	-3	-2	0	1	3	5
2550	6	6	8	10	14	12	12	14	16	19
2560	21	23	26	27	32	32	32	31	29	28
2570	25	23	23	23	23	23	23	23	23	23
2580	23	24	24	24	25	26	26	27	27	27
2590	28	28	28	28	28	27	24	21	20	20
2600	20	19	19	19	21	21	23	24	25	25
2610	26	27	27	27	27	27	27	27	27	26
2620	26	26	26	26	26	26	26	26	25	25
2630	25	24	23	23	23	24	26	30	35	38
2640	38	32	31	31	31	31	30	30	30	30

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1071 NOZE )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	
3190	-9	-13	-13	-13	-13	-15	-14	-15	-19	-20	
3200	-22	-21	-23	-23	-23	-23	-23	-23	-23	-23	
3210	-23	-24	-24	-24	-24	-26	-26	-26	-25	-23	
3220	-23	-23	-23	-22	-22	-22	-22	-22	-22	-22	
3230	-22	-22	-23	-23	-23	-23	-23	-30	-29	-29	
3240	-30	-29	-29	-28	-28	-28	-27	-23	-23	-23	
3250	-24	-25	-25	-24	-24	-23	-23	-22	-22	-22	
3260	-20	-20	-22	-22	-21	-21	-21	-21	-20	-20	
3270	-22	-20	-19	-17	-16	-15	-15	-13	-13	-12	
3280	-8	-4	-2	-2	-2	0	0	1	1	1	
3290	1	2	2	2	2	2	2	3	4	6	
3300	9	10	10	8	8	8	7	8	8	8	
3310	7	7	7	7	6	6	7	6	6	6	
3320	6	4	0	-2	-5	-8	-11	-12	-12	-13	
3330	4	4	0	-2	-5	-8	-11	-12	-12	-13	
3340	-15	-15	-13	-14	-15	-15	-14	-14	-14	-14	
3350	-15	-15	-13	-13	-11	-8	-4	-2	2	6	
3360	0	-4	-8	-10	-12	-13	-18	-19	-19	-20	
3370	-20	-21	-22	-23	-25	-26	-26	-24	-24	-25	
3380	-27	-28	-28	-29	-29	-29	-29	-29	-29	-29	
3390	-29	-26	-27	-26	-26	-26	-26	-26	-26	-26	
3400	-25	-22	-22	-19	-18	-16	-16	-16	-16	-16	
3410	-16	-16	-16	-16	-16	-16	-15	-13	-12	-12	
3420	-11	-12	-12	-12	-12	-12	-12	-12	-13	-13	
3430	-13	-13	-14	-15	-12	-9	-8	-7	-6	-5	
3440	-6	-5	-5	-5	-7	-7	-6	-5	-4	-4	
3450	-2	-1	0	6	10	13	14	17	18	19	
3460	20	22	22	22	25	24	24	24	24	23	
3470	22	22	22	21	21	21	22	22	21	21	
3480	21	30	19	20	24	21	22	22	22	23	
3490	24	24	24	26	28	29	29	29	28	25	
3500	25	24	23	23	23	23	20	19	18	19	
3510	18	16	16	14	14	13	13	13	13	13	
3520	11	10	9	7	6	4	2	1	0	0	
3530	0	1	-1	-1	-2	-2	-1	-1	-1	-1	
3540	0	1	2	2	2	2	2	2	2	2	
3550	2	2	3	5	7	9	10	10	10	10	
3560	12	11	12	12	12	13	14	15	17	17	
3570	17	17	16	15	14	14	14	13	12	12	
3580	11	11	12	11	10	9	9	9	9	9	
3590	9	9	9	9	10	11	12	10	10	10	
3600	11	12	12	12	13	15	16	16	15	15	
3610	15	18	19	19	17	15	15	15	14	14	
3620	13	12	10	10	9	9	10	12	12	13	
3630	13	13	13	13	13	12	12	12	12	12	
3640	10	8	6	5	2	0	-2	-4	-3	-1	
3650	0	2	3	2	3	3	3	3	3	3	
3660	0	0	1	1	0	-2	-2	-1	0	0	
3670	-1	-2	-3	-3	-3	-3	-2	-2	-2	-2	
3680	2	3	3	3	3	3	2	2	1	0	
3690	-2	-2	-3	-3	-3	-3	-3	-5	-5	-5	
3700	-5	-6	-10	-10	-14	-13	-13	-14	-15	-15	
3710	-15	-15	-15	-15	-14	-13	-13	-13	-13	-13	
3720	-15	-18	-21	-25	-27	-26	-26	-25	-25	-25	

TO BE CONTINUED

TO BE CONTINUED



RECORD = S-1071 COMPONENT = W02N STATION = OKITSU-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 4450  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC.  
 CONNECTION POINT IN DATA NUMBER= 3037, 4450,

CONTINUED ( S-1071 NO2F )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	0	0	0	-1	-1	0	0	-1	-1	-3
4280	-5	-7	-16	-4	-4	-3	-2	-7	-7	-8
4290	-11	-6	-3	-2	-1	-2	0	0	-1	-2
4300	-3	-1	1	0	-1	-3	-4	-4	-6	-7
4310	-7	-7	-5	-4	-3	-3	-10	-10	-10	-10
4320	-9	-10	-10	-11	-11	-11	-11	-11	-12	-17
4330	-17	-17	-17	-15	-14	-16	-17	-17	-18	-19
4340	-19	-19	-19	-18	-18	-18	-15	-11	-8	-7
4350	-5	-3	-4	-5	-7	-7	-7	-8	-5	-7
4360	-7	-7	-7	-6	-6	-6	-6	-6	-6	-6
4370	-6	-3	-3	-3	-3	-3	-2	-1	-1	-2
4380	-4	-3	-4	-4	-4	-1	0	0	0	-3
4390	0	-2	1	4	7	6	3	-2	3	2
4400	-4	0	2	2	2	5	3	3	2	3
4410	2	2	0	0	-1	-2	-2	-4	-4	4
4420	4	4	5	6	6	6	15	13	13	11
4430	6	4	8	8	14	14	15	13	13	11
4440	9	12	12	12	12	11	10	10	11	11

END

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10
20	9	8	8	7	6	6	5	4	3	2
30	0	-2	-4	-4	-5	-7	-8	-10	-11	-13
40	-15	-18	-20	-22	-23	-21	-19	-19	-19	-19
50	-18	-17	-15	-13	-10	-7	-7	-4	-2	-2
60	-14	11	9	9	9	13	16	17	18	16
70	14	11	9	9	9	9	9	7	6	3
80	4	1	0	0	0	0	3	5	4	7
90	7	6	3	7	9	5	5	4	4	6
100	4	5	7	4	7	9	10	10	7	7
110	6	5	4	3	0	-1	-5	-10	-14	-18
120	-23	-23	-23	-25	-28	-29	-30	-31	-33	-35
130	-35	-34	-34	-35	-37	-39	-39	-38	-37	-37
140	-36	-36	-31	-29	-29	-27	-26	-25	-24	-23
150	-23	-20	-15	-12	-8	-2	0	3	7	9
160	8	6	3	0	-2	-5	-8	-9	-10	-10
170	-8	-8	-8	-8	-5	-2	0	0	1	3
180	9	13	14	14	13	10	7	4	2	1
190	3	4	5	4	2	1	0	-3	-8	-14
200	-22	-19	-16	-16	-14	-13	-13	-14	-15	-16
210	-18	-20	-22	-25	-30	-36	-39	-40	-39	-34
220	-27	-22	-18	-12	-7	-5	-2	0	2	8
230	13	16	19	23	25	25	24	23	21	21
240	20	16	13	10	9	9	10	12	12	13
250	14	15	16	17	17	17	17	15	9	3
260	-8	-10	-11	-11	-10	-7	-6	-6	-5	-4
270	-3	-3	0	0	1	2	1	0	3	4
280	6	6	7	7	8	7	5	3	0	-3
290	-7	-12	-16	-19	-19	-19	-20	-21	-20	-19
300	-19	-16	-14	-12	-8	0	1	6	6	9
310	7	6	0	-1	-3	-4	-5	-5	-2	-2
320	-2	-2	-2	-3	-4	-5	-6	-8	-10	-10
330	-8	-7	-7	-5	-3	0	1	1	-1	-4
340	-9	-10	-10	-7	-4	0	4	7	7	6
350	8	5	5	4	2	0	0	0	0	-2
360	-2	-2	-1	0	0	0	0	0	2	3
370	3	3	3	7	8	9	13	16	17	10
380	8	5	-2	-2	-3	-6	-7	-6	-10	-12
390	-13	-13	-12	-11	-9	-7	-4	1	1	1
400	2	3	4	0	-5	-5	7	9	10	8
410	7	4	0	-5	-5	-6	-8	-10	-12	-16
420	-17	-19	-26	-28	-29	-30	-31	-28	-28	-26
430	-23	-20	-17	-7	25	27	29	30	27	24
440	23	24	25	24	25	24	24	24	24	24
450	21	17	14	10	6	2	2	-1	-4	-6
460	-10	-7	-11	-15	-15	-17	-14	-15	-14	-14
470	-15	-16	-16	-16	-17	-17	-13	-9	-6	-3
480	0	0	0	-2	-3	-5	-5	-6	-7	-8

TO BE CONTINUED

CONTINUED ( S-1071 )										CONTINUED ( S-1071 )									
MOZLN										MOZLN									
( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	-8	-8	-10	-8	-7	-3	1	4	3	1030	36	52	69	78	80	83	76	69	68
500	4	12	12	14	15	18	17	17	15	1040	69	74	82	89	99	102	105	106	100
510	14	12	10	5	1	0	-1	-5	-7	1050	95	90	80	71	68	51	40	34	25
520	-7	-8	-8	-6	-3	0	2	4	5	1060	12	7	1	1	8	15	20	25	29
530	5	-2	-4	-5	-8	-12	-15	-18	-22	1070	32	33	35	38	40	43	48	48	46
540	-28	-31	-36	-39	-39	-39	-40	-43	-46	1080	45	45	45	45	56	69	76	85	96
550	-48	-50	-49	-44	-38	-32	-26	-20	-19	1090	96	89	81	71	62	53	42	27	15
560	-21	-22	-23	-24	-25	-26	-28	-30	-30	1100	-8	-26	-50	-73	-92	-112	-132	-151	3
570	-30	-33	-33	-32	-30	-28	-27	-27	-27	1110	168	-173	-180	-187	-193	-188	-178	-159	-90
580	-30	-32	-29	-26	-23	-17	-14	-16	-14	1120	47	3	37	71	96	117	125	124	116
590	-12	-8	-4	-1	5	11	15	19	18	1130	112	111	106	96	95	92	90	91	91
600	18	17	16	14	11	7	2	0	0	1140	90	86	83	81	81	80	77	73	67
610	-2	-8	-12	-14	-15	-20	-23	-22	-22	1150	50	50	54	57	59	58	57	57	59
620	-24	-24	-27	-28	-24	-24	-22	-20	-20	1160	36	50	66	80	92	102	109	114	118
630	-19	-14	-8	-2	4	6	5	5	10	1170	117	114	111	105	96	89	80	68	53
640	14	17	18	19	18	14	9	6	1	1180	21	-4	-31	-61	-80	-94	-104	-107	-90
650	-1	-3	-6	-7	-3	-3	-7	-12	-15	1190	-62	-30	5	34	52	57	45	36	25
660	-19	-21	-21	-24	-24	-24	-24	-24	-23	1200	11	-1	-8	-14	-25	-30	-40	-51	-61
670	-19	-13	-10	-10	-7	-2	0	0	0	1210	-77	-83	-92	-99	-109	-116	-119	-127	-133
680	0	1	1	1	2	0	1	4	6	1220	-143	-138	-129	-116	-99	-82	-64	-42	-20
690	9	6	2	2	2	2	0	0	0	1230	9	16	15	13	8	1	-8	-14	-23
700	-2	-4	-6	-10	-14	-21	-21	-23	-22	1240	-40	-50	-56	-57	-65	-65	-61	-53	-43
710	-22	-23	-23	-24	-26	-27	-27	-28	-27	1250	-1	22	44	59	69	67	60	53	45
720	-26	-24	-24	-23	-21	-18	-15	-12	-7	1260	29	22	16	12	7	1	-3	-9	-18
730	-2	3	7	9	12	15	13	10	9	1270	-35	-39	-45	-44	-43	-40	-34	-29	-21
740	6	0	-7	-12	-16	-22	-24	-22	-19	1280	-12	-11	-15	-15	-11	-5	1	8	10
750	-15	-13	-11	-11	-12	-14	-17	-21	-25	1290	10	5	0	-5	-11	-19	-25	-30	-46
760	-39	-41	-44	-47	-48	-50	-49	-45	-38	1300	-54	-62	-67	-70	-67	-60	-47	-31	-16
770	-24	-18	-14	-8	-1	0	4	10	16	1310	-7	-9	-7	-10	-15	-18	-22	-27	-30
780	18	20	22	21	19	19	18	16	14	1320	-31	-26	-15	-5	11	18	26	32	39
790	12	7	0	-5	-10	-13	-14	-18	-16	1330	33	30	26	23	19	13	2	-4	-11
800	-26	-26	-25	-24	-22	-20	-17	-12	-8	1340	-14	-20	-24	-32	-40	-47	-56	-61	-65
810	-2	7	17	34	46	57	76	92	103	1350	-69	-66	-61	-57	-53	-48	-34	-27	-19
820	120	120	117	111	108	99	90	82	74	1360	-11	-12	-7	-8	-9	-11	-12	-14	-18
830	61	50	44	38	31	29	28	26	32	1370	-27	-33	-36	-38	-39	-40	-38	-34	-30
840	36	36	31	23	18	10	5	-2	-3	1380	-23	-24	-28	-35	-42	-51	-57	-61	-63
850	-28	-36	-37	-41	-41	-35	-28	-20	-10	1390	-69	-72	-76	-82	-85	-86	-89	-90	-85
860	3	12	23	29	34	38	40	38	38	1400	-79	-78	-71	-66	-62	-54	-47	-41	-31
870	54	62	70	73	73	73	73	77	78	1410	-5	11	29	48	67	76	85	87	88
880	81	82	84	80	74	67	58	56	65	1420	88	87	85	80	78	73	63	55	47
890	97	116	128	129	135	153	166	186	204	1430	35	31	31	31	28	21	17	11	7
900	213	221	223	218	202	183	159	133	98	1440	2	2	0	-5	-9	-14	-21	-29	-31
910	8	-29	-62	-86	-100	-116	-134	-153	-174	1450	-36	-36	-36	-36	-36	-36	-37	-39	-40
920	-214	-222	-227	-235	-238	-240	-244	-253	-259	1460	-53	-61	-69	-79	-87	-93	-98	-99	-91
930	-264	-266	-266	-261	-254	-239	-223	-206	-185	1470	-76	-70	-60	-55	-55	-55	-46	-33	-20
940	-153	-136	-122	-107	-91	-78	-63	-51	-38	1480	34	49	61	70	75	71	68	68	62
950	-13	-2	5	13	26	40	55	76	98	1490	45	38	31	22	17	11	4	0	-4
960	108	100	91	74	60	49	48	44	44	1500	-15	-18	-21	-23	-23	-23	-17	-12	-5
970	51	54	63	71	81	95	112	129	133	1510	3	0	-3	-6	-13	-23	-29	-36	-43
980	148	150	147	137	128	120	111	102	96	1520	-52	-58	-63	-67	-68	-64	-59	-54	-48
990	82	76	66	54	43	34	26	17	9	1530	-42	-40	-40	-40	-40	-42	-43	-41	-41
1000	-4	-9	-16	-24	-32	-46	-53	-53	-48	1540	-37	-31	-24	-15	-4	12	28	42	54
1010	-63	-37	-33	-29	-24	-19	-15	-9	-4	1550	68	67	67	62	58	57	61	66	70
1020	4	10	19	23	25	25	25	25	26	1560	76	81	87	91	92	93	93	92	86

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1071 MD2N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	83	81	78	75	74	73	73	75	77	78
1580	79	80	82	82	87	91	95	96	94	90
1590	86	74	66	62	59	55	55	49	45	41
1600	40	41	41	40	39	39	40	39	36	35
1610	33	30	28	30	31	33	34	34	34	35
1620	36	36	32	27	26	17	12	8	8	13
1630	14	15	15	15	15	15	15	15	15	15
1640	18	18	18	20	28	34	32	37	41	46
1650	51	56	61	68	74	78	80	82	83	81
1660	77	76	75	68	61	50	43	31	23	17
1670	10	5	7	13	16	25	33	35	39	40
1680	-39	-38	-37	-38	-31	-25	-17	-9	-4	-5
1690	3	-5	-6	-9	-16	-25	-31	-41	-51	-55
1700	-64	-69	-71	-74	-77	-77	-74	-70	-60	-60
1710	-53	-42	-31	-14	-1	15	22	26	29	30
1720	33	32	29	28	23	15	7	-2	-9	-11
1730	-14	-16	-15	-13	-9	-7	-5	0	4	7
1740	10	13	14	14	13	17	22	26	33	38
1750	39	39	35	30	24	17	9	3	-1	-4
1760	-6	-8	-10	-12	-8	-5	-3	0	5	8
1770	9	10	12	12	11	10	8	5	3	1
1780	0	-3	-10	-14	-13	-15	-19	-21	-26	-26
1790	-59	-49	-40	-45	-53	-56	-57	-56	-55	-55
1800	-22	-49	-48	-45	-43	-41	-37	-32	-23	-8
1810	0	11	22	39	52	55	63	68	66	66
1820	64	63	63	62	58	52	50	40	33	33
1830	29	22	15	7	0	-5	-10	-15	-21	-24
1840	-25	-29	-33	-33	-35	-36	-36	-32	-31	-30
1850	-30	-33	-36	-37	-38	-39	-39	-34	-30	-24
1860	-20	-16	-13	-12	-13	-15	-14	-19	-19	-17
1870	-15	-14	-13	-12	-12	-9	-7	-3	0	2
1880	0	0	3	-11	-18	-24	-30	-38	-45	-51
1890	-54	-57	-58	-58	-52	-42	-34	-23	-13	-9
1900	-8	-10	-8	-5	-3	-3	5	8	12	19
1910	25	30	34	36	38	38	38	38	37	35
1920	33	32	33	33	35	37	39	40	41	41
1930	43	43	43	42	42	42	38	34	29	22
1940	12	3	-2	-7	-10	-11	-12	-13	-11	-10
1950	-12	-15	-17	-13	-12	-10	-7	-3	0	-1
1960	-2	-4	-6	-10	-16	-21	-26	-29	-35	-38
1970	-40	-41	-37	-35	-33	-32	-31	-28	-28	-28
1980	-28	-27	-26	-26	-24	-21	-18	-15	-13	-10
1990	-9	-9	-10	-12	-15	-17	-17	-20	-24	-31
2000	-40	-46	-51	-54	-55	-57	-58	-58	-58	-53
2010	-51	-43	-34	-27	-22	-18	-14	-11	-9	-7
2020	-7	-2	0	-4	-4	0	-3	-4	-8	-6
2030	-4	-4	-4	-4	-1	0	0	0	0	0
2040	0	0	0	0	0	0	0	0	0	0
2050	27	29	32	33	35	38	41	42	40	34
2060	26	18	11	8	2	0	-6	-10	-14	-16
2070	-24	-29	-35	-38	-39	-43	-46	-47	-48	-50
2080	-51	-52	-52	-52	-52	-51	-48	-43	-41	-41
2090	-36	-32	-28	-25	-23	-24	-26	-30	-34	-40
2100	-41	-44	-48	-55	-58	-61	-64	-67	-67	-66

TO BE CONTINUED

CONTINUED ( S-1071 MD2N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	-62	-58	-56	-50	-47	-45	-42	-40	-39	-36
2120	-32	-28	-23	-18	-17	-16	-7	-5	-2	0
2130	-3	-6	-9	-12	-17	-16	-11	-11	-9	-9
2140	-9	-10	-13	-16	-16	-20	-20	-23	-23	-25
2150	-24	-26	-26	-29	-32	-32	-35	-40	-42	-42
2160	-40	-35	-32	-30	-28	-25	-22	-20	-19	-18
2170	-19	-21	-22	-24	-25	-25	-24	-24	-24	-24
2180	-23	-25	-29	-29	-29	-28	-24	-19	-17	-14
2190	-12	-11	-13	-17	-20	-22	-24	-25	-24	-21
2200	-18	-16	-12	-8	-5	-2	0	4	10	13
2210	15	18	21	17	12	10	9	9	8	8
2220	8	9	5	5	5	1	0	2	3	4
2230	5	4	1	-2	-5	-11	-18	-25	-29	-30
2240	-31	-29	-26	-23	-19	-13	-5	0	2	5
2250	5	6	8	9	8	6	5	6	4	2
2260	5	6	8	9	8	6	5	6	4	2
2270	0	1	0	0	-1	-2	-3	-2	-2	-3
2280	-3	-2	0	0	-1	-2	-1	0	0	1
2290	2	3	4	5	7	7	19	22	25	27
2300	28	27	31	30	29	23	19	17	17	14
2310	13	14	20	25	31	38	45	51	54	57
2320	59	59	59	58	58	58	58	56	53	53
2330	49	43	38	33	27	23	19	17	15	11
2340	9	10	11	13	14	17	19	25	28	31
2350	36	40	42	42	43	43	40	37	36	33
2360	29	25	21	18	13	11	8	5	0	-4
2370	-10	-13	-13	-13	-12	-10	-9	-7	-7	-7
2380	-9	-11	-15	-14	-12	-10	-6	-2	1	1
2390	2	2	0	-1	0	0	0	2	4	5
2400	5	5	4	5	5	4	3	1	0	-1
2410	0	0	-2	-7	-3	-4	-5	-6	-9	-9
2420	-9	-8	-2	-7	-6	-5	-5	-6	-9	-13
2430	-17	-16	-20	-23	-24	-28	-30	-32	-33	-36
2440	-39	-42	-46	-49	-50	-50	-47	-46	-43	-39
2450	-35	-33	-29	-27	-27	-23	-23	-23	-20	-20
2460	-21	-21	-23	-21	-18	-17	-15	-13	-13	-11
2470	-8	-4	0	4	7	11	13	13	11	7
2480	5	5	3	-1	-2	-3	-4	-6	-6	-6
2490	-6	-3	-3	0	3	5	5	7	6	5
2500	3	2	1	-2	-3	-4	-4	-7	-10	-11
2510	-11	-12	-13	-13	-13	-13	-14	-16	-17	-16
2520	-16	-16	-17	-17	-15	-15	-17	-17	-19	-19
2530	-20	-20	-21	-22	-21	-15	-6	-4	-2	1
2540	6	7	8	14	16	20	23	24	26	27
2550	25	24	21	18	17	15	13	11	8	7
2560	12	13	13	13	13	13	13	14	14	14
2570	14	14	17	18	21	22	22	24	25	28
2580	26	23	20	16	12	9	7	5	4	4
2590	1	1	1	1	1	1	1	1	1	1
2600	7	9	11	13	15	16	20	21	21	20
2610	17	17	14	10	4	-5	-5	-5	-6	-6
2620	-6	-9	-11	-12	-12	-12	-10	-7	-4	0
2630	3	5	6	7	8	10	11	11	11	11
2640	12	13	14	14	15	15	18	21	22	25

TO BE CONTINUED

CONTINUED ( S-1071 MD2N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2650	26	30	31	30	30	30	31	35	38	40
2660	38	37	37	37	36	35	29	25	24	21
2670	17	14	12	9	5	1	0	-2	-3	-5
2680	-8	-11	-15	-19	-23	-26	-27	-33	-33	-33
2690	-37	-41	-44	-47	-48	-52	-57	-59	-67	-67
2700	-71	-77	-83	-87	-91	-94	-95	-97	-98	-95
2710	-99	-99	-99	-99	-100	-97	-95	-96	-96	-95
2720	-94	-92	-91	-93	-92	-94	-94	-93	-93	-91
2730	-99	-99	-100	-100	-100	-100	-98	-95	-93	-91
2740	-84	-85	-82	-78	-75	-71	-66	-63	-59	-56
2750	-54	-50	-47	-45	-43	-41	-38	-35	-34	-30
2760	-28	-27	-25	-24	-24	-24	-22	-20	-21	-21
2770	-20	-16	-14	-13	-9	-8	-7	-7	-7	-7
2780	-9	-8	-8	-8	-8	-8	-9	-10	-10	-10
2790	-9	-7	-5	-4	-4	-4	1	2	4	2
2800	-2	-2	-4	-4	-4	-7	1	2	4	2
2810	-1	0	2	5	7	8	9	9	9	9
2820	9	11	12	14	18	22	26	27	27	27
2830	29	29	29	33	33	33	33	35	39	44
2840	41	41	44	45	47	46	49	49	46	44
2850	41	38	32	25	23	20	14	9	6	2
2860	-2	-8	-11	-12	-11	-11	-12	-12	-12	-8
2870	-6	-4	-2	-1	-1	-1	-2	-4	-5	-5
2880	-13	-14	-14	-16	-16	-16	-17	-20	-19	-19
2890	-15	-12	-7	-5	-4	-1	1	6	9	11
2900	13	16	19	19	19	20	21	23	24	24
2910	24	24	25	26	26	28	28	28	25	25
2920	27	27	27	28	29	30	31	30	30	30
2930	31	34	36	38	38	38	38	36	32	32
2940	29	28	28	27	22	18	15	11	8	8
2950	6	4	1	-1	-1	-1	-3	-6	-9	-11
2960	-11	-12	-12	-12	-14	-14	-14	-15	-15	-15
2970	-15	-17	-17	-18	-17	-17	-18	-17	-17	-17
2980	-21	-22	-24	-25	-27	-28	-28	-31	-32	-32
2990	-31	-27	-25	-24	-25	-23	-22	-21	-18	-15
3000	-14	-11	-11	-11	-11	-11	-10	-8	-8	-11
3010	-12	-14	-17	-19	-21	-23	-25	-25	-22	-22
3020	-20	-18	-15	-11	-8	-7	-6	-4	-3	-2
3030	-1	0	0	-2	-2	-4	-4	-5	-5	-5
3040	-5	-5	-4	-3	-3	-3	-3	-1	0	1
3050	2	2	3	4	4	5	6	7	9	8
3060	6	8	10	10	10	8	9	11	10	9
3070	7	6	5	5	6	6	7	6	9	11
3080	10	10	11	11	11	12	12	11	10	10
3090	10	8	6	6	6	4	0	1	2	2
3100	0	0	0	-2	-3	-3	-3	-3	-1	0
3110	0	0	2	2	5	10	8	14	13	14
3120	15	14	14	13	13	13	12	11	10	8
3130	6	6	5	3	2	2	3	8	10	8
3140	13	15	17	19	19	18	15	12	11	9
3150	8	9	6	6	6	6	6	5	4	6
3160	-1	-1	-1	-2	-2	-3	-4	-4	-6	-8
3170	-9	-11	-11	-12	-14	-15	-16	-16	-16	-13
3180	-12	-9	-5	-2	0	1	4	4	7	8

TO BE CONTINUED

CONTINUED ( S-1071 MD2N )

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3220	10	15	13	11	10	10	10	10	10	12
3230	12	14	14	15	17	17	18	17	17	17
3240	6	2	-1	-5	-7	-9	-9	-10	-11	-14
3250	-15	-16	-16	-17	-19	-19	-18	-17	-16	-15
3260	-15	-15	-14	-14	-16	-16	-16	-16	-16	-15
3270	-16	-17	-20	-20	-19	-18	-18	-18	-18	-20
3280	-20	-21	-22	-24	-25	-27	-28	-29	-31	-32
3290	-32	-33	-33	-33	-33	-33	-33	-33	-33	-31
3300	-27	-26	-23	-17	-14	-12	-10	-7	-5	-6
3310	-5	-6	-9	-10	-13	-15	-17	-22	-24	-27
3320	-29	-31	-33	-33	-30	-26	-26	-26	-25	-21
3330	-18	-17	-18	-18	-18	-18	-18	-18	-18	-22
3340	-22	-22	-20	-19	-18	-17	-16	-16	-16	-16
3350	-16	-13	-13	-13	-13	-13	-13	-13	-13	-18
3360	-21	-23	-22	-19	-19	-17	-16	-15	-13	-12
3370	-8	-6	-5	-4	-3	-2	-2	-2	-2	-2
3380	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
3390	-1	-1	-1	-3	-3	-3	-4	-5	-5	-5
3400	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
3410	3	3	3	3	3	3	2	2	2	3
3420	3	3	3	3	3	3	2	2	2	2
3430	3	7	6	7	7	9	10	12	13	14
3440	17	18	19	20	23	26	27	27	27	27
3450	29	30	30	30	30	29	30	32	36	37
3460	38	43	44	44	44	44	44	44	41	40
3470	40	39	39	39	38	37	34	31	28	26
3480	22	20	18	17	17	17	17	17	17	16
3490	15	13	13	13	12	11	10	10	10	10
3500	13	13	13	13	12	11	10	9	9	11
3510	7	7	7	7	5	6	6	6	6	8
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3530	8	6	5	5	6	6	6	6	6	5
3540	4	4	4	4	4	4	4	4	4	4
3550	5	4	4	4	5	5	5	5	5	4
3560	0	-1	-1	-2	-2	-3	-4	-4	-4	-4
3570	-5	-5	-6	-8	-8	-8	-8	-8	-8	-8
3580	-11	-11	-10	-8	-8	-8	-8	-8	-8	-8
3590	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
3600	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
3610	-24	-27	-30	-31	-31	-31	-31	-31	-31	-31
3620	-38	-40	-41	-37	-32	-32	-31	-30	-28	-28
3630	-24	-21	-20	-18	-17	-15	-14	-14	-14	-12
3640	-10	-10	-10	-10	-8	-7	-7	-7	-6	-6
3650	-6	-6	-5	-4	-4	-4	-4	-4	-4	-4
3660	0	-1	-1	0	0	0	0	0	0	0
3670	0	0	-1	-3	-6	-8	-9	-10	-11	-12
3680	0	-1	-3	-3	-6	-8	-9	-10	-11	-12
3690	-13	-14	-14	-14	-14	-10	-9	-6	-5	-5
3700	-2	0	0	2	6	10	11	13	14	17
3710	20	20	21	22	23	23	23	23	23	23
3720	22	21	20	20	20	20	20	20	20	21

TO BE CONTINUED

CONTINUED( S-1071 RQ2N )										CONTINUED( S-1071 RQ2N )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
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3740	23	22	22	22	21	20	20	20	16	17	4280	0	0	4	5	8	8	6	11	11	10
3750	14	11	10	10	8	6	5	4	3	3	4290	11	11	12	13	14	16	16	20	21	23
3760	3	2	2	2	2	1	0	0	1	1	4300	25	26	27	27	27	27	26	26	28	22
3770	6	5	6	6	6	3	-2	-3	-6	-6	4310	21	22	23	24	23	23	23	22	22	23
3780	-7	-8	-9	-9	-9	-9	-10	-10	-11	-11	4320	23	24	24	23	25	25	25	25	27	28
3790	-11	-9	-10	-10	-10	-10	-11	-11	-11	-11	4330	23	25	24	28	28	28	29	30	31	30
3800	-13	-13	-14	-14	-15	-17	-15	-14	-14	-13	4340	27	29	29	29	29	29	27	26	26	26
3810	-14	-14	-14	-14	-14	-10	-10	-10	-10	-10	4350	26	25	25	24	22	20	19	21	21	21
3820	-10	-10	-10	-10	-9	-10	-10	-10	-14	-14	4360	22	20	18	15	15	14	14	13	11	8
3830	-14	-14	-14	-14	-9	-10	-10	-10	-10	-12	4370	9	8	8	8	7	8	9	11	12	14
3840	-14	-14	-14	-14	-14	-14	-14	-14	-14	-11	4380	15	15	15	14	13	13	14	13	12	12
3850	-10	-10	-10	-10	-10	-10	-10	-13	-14	-14	4390	12	10	9	10	10	9	8	8	8	5
3860	-14	-14	-14	-11	-10	-10	-10	-10	-9	-4	4400	1	0	0	-1	-2	-1	-2	-4	-5	-5
3870	-4	-3	-3	-3	-3	-1	0	0	1	2	4410	0	0	0	-1	-1	-1	-1	-1	-1	-1
3880	3	5	4	4	5	6	9	11	15	20	4420	-6	-9	-11	-11	-11	-11	-12	-15	-18	-18
3890	1	1	4	4	4	6	9	11	15	20	4430	-18	-16	-16	-22	-22	-21	-19	-19	-20	-20
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3910	20	18	18	18	16	14	14	13	13	12											
3920	10	9	8	8	7	8	7	6	6	6											
3930	8	8	11	10	11	12	12	11	12	13											
3940	13	13	13	13	12	12	10	9	8	8											
3950	8	8	8	7	6	6	6	6	6	5											
3960	5	4	2	1	-1	-1	-1	-2	-3	-5											
3970	-7	-7	-8	-10	-11	-11	-12	-14	-16	-17											
3980	-17	-16	-16	-15	-14	-12	-12	-12	-9	-5											
3990	-3	-1	0	0	1	2	3	4	7	6											
4000	9	10	10	9	12	17	18	18	16	14											
4010	13	10	9	10	10	10	10	10	10	10											
4020	9	8	6	5	4	3	4	3	1	0											
4030	-2	-4	-5	-4	-5	-5	-6	-6	-6	-6											
4040	-9	-9	-9	-9	-9	-8	-6	-6	-6	-6											
4050	-6	-5	-3	-3	-2	-2	-2	-2	-2	-2											
4060	-2	0	0	1	2	3	3	3	3	3											
4070	3	4	5	6	7	7	8	8	8	8											
4080	7	7	7	7	7	6	6	6	6	6											
4090	2	0	0	3	4	6	7	7	7	7											
4100	8	8	7	7	7	7	7	7	6	6											
4110	5	4	3	2	1	1	0	0	-1	-2											
4120	-2	-3	-3	-3	-3	-3	-2	0	0	0											
4130	1	2	2	2	2	2	2	2	0	0											
4140	0	0	0	0	0	-2	-3	-5	-4	-3											
4150	-3	-2	0	0	0	0	0	0	0	0											
4160	1	1	1	1	0	0	0	0	0	0											
4170	0	0	0	-1	-1	-3	-5	-6	-6	-6											
4180	-6	-6	-6	-6	-7	-9	-9	-10	-11	-11											
4190	-12	-12	-12	-12	-15	-16	-16	-16	-16	-16											
4200	-20	-21	-20	-17	-17	-17	-17	-18	-19	-19											
4210	-22	-23	-23	-24	-26	-26	-25	-23	-21	-20											
4220	-20	-20	-19	-17	-16	-16	-16	-16	-16	-16											
4230	-12	-12	-12	-12	-13	-14	-14	-16	-16	-16											
4240	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16											
4250	-10	-8	-7	-8	-8	-5	-5	-5	-5	-5											
4260	-3	-5	-5	-4	-4	-5	-5	-5	-5	-5											

TO BE CONTINUED

RECORD # 5-1071 COMPONENT = DOWN STATION = OKITSU-S  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 4450  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC. CONNECTION POINT, IN DATA NUMBER= 3023, 4450,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	1	1	2	2	2	3	3	3	4	4	490	34	34	33	32	30	28	25	25	17	15
10	5	5	6	6	6	7	8	8	9	10	500	12	8	3	0	-3	-8	-13	-13	-13	-13
20	11	12	13	14	15	15	15	15	15	15	510	-13	-12	-12	-12	-13	-11	-9	-8	-4	0
30	13	14	14	14	14	14	14	13	12	12	520	4	5	5	6	8	11	16	20	23	24
40	12	11	11	11	10	9	7	5	2	0	530	23	28	27	28	31	31	34	38	40	40
50	0	-9	-9	-4	-4	-8	-10	-11	-10	-10	540	42	45	42	41	40	40	38	35	31	30
60	-9	-9	-10	-13	-17	-20	-24	-29	-32	-28	550	26	24	23	22	19	17	15	13	13	13
70	-35	-38	-41	-44	-42	-41	-39	-34	-28	-28	560	13	14	14	14	17	22	31	32	30	29
80	-23	-18	-11	-5	0	8	15	21	26	33	570	14	14	14	17	19	20	19	17	17	14
90	39	44	46	49	53	58	58	56	52	48	580	6	8	7	-4	-8	-7	-5	-1	-1	-4
100	44	41	37	32	26	17	11	9	7	8	610	-1	0	1	4	7	10	15	19	26	28
110	7	9	12	17	20	26	29	31	31	32	620	30	30	25	25	24	22	22	20	17	15
120	31	31	29	28	29	30	30	30	30	29	630	16	16	17	17	17	17	17	15	12	12
130	27	25	22	19	16	11	7	3	0	-6	640	10	10	10	10	10	10	10	10	12	12
140	-8	-9	-10	-11	-12	-13	-13	-13	-11	-12	650	12	14	14	17	16	17	14	8	5	5
150	-13	-14	-15	-14	-14	-13	-13	-11	-7	-2	660	4	4	4	6	7	12	15	18	20	23
160	1	5	9	7	8	9	10	9	10	10	670	26	30	32	29	24	23	24	24	24	22
170	10	10	10	11	13	13	13	13	13	13	680	18	19	20	20	20	23	25	27	27	27
180	14	16	18	21	24	26	26	26	26	26	690	27	27	26	27	30	31	31	28	27	26
190	26	24	22	21	18	15	11	8	6	6	700	27	24	-4	-8	-14	-21	-28	-33	-44	-47
200	5	6	6	6	7	6	2	-2	-1	-1	710	0	-4	-40	-36	-30	-21	-11	-5	0	7
210	-2	-1	0	0	0	1	1	1	1	1	720	8	11	11	9	7	9	11	15	22	25
220	1	0	0	-2	-3	-3	-3	-3	-4	-4	730	8	11	11	9	7	9	11	15	22	25
230	-4	-4	-5	-4	-4	-4	-7	-9	-8	-9	740	28	35	42	45	43	43	44	47	48	49
240	-9	-7	-7	-6	-4	-2	0	0	-2	-4	750	46	45	45	45	45	45	45	45	44	42
250	-5	-5	-6	-5	-2	0	4	7	8	11	760	38	32	27	25	23	20	19	19	19	19
260	13	14	15	13	11	9	6	1	-1	-2	770	22	24	27	26	23	13	8	7	3	3
270	-1	-1	-1	-1	-1	-1	-1	0	2	5	780	0	-4	-10	-13	-9	-3	1	3	0	-3
280	7	9	10	13	13	14	14	17	17	18	790	-4	-5	-6	-6	-6	-8	-10	-11	-12	-12
290	16	12	11	10	10	11	12	11	12	13	800	24	22	17	15	12	12	11	11	13	14
300	14	16	17	17	19	20	22	24	24	24	810	18	19	18	17	18	22	25	29	34	35
310	25	26	26	26	25	22	16	14	9	9	820	36	38	41	43	42	41	37	33	28	22
320	3	6	8	9	11	11	9	7	5	5	830	17	13	6	3	3	1	0	2	3	0
330	3	0	-4	-7	-11	-15	-16	-17	-16	-14	840	0	-3	-4	-5	0	0	0	0	2	3
340	-14	-18	-20	-21	-21	-21	-21	-18	-17	-21	850	0	0	3	7	17	15	14	12	-1	5
350	-25	-24	-19	-16	-16	-15	-15	-16	-14	-12	860	0	-5	12	16	17	17	14	13	-16	-20
360	-8	-3	2	7	12	16	19	22	24	24	870	-20	-19	-16	-13	-10	-6	2	10	15	20
370	24	25	24	24	24	23	23	23	24	28	880	23	24	24	24	23	22	20	20	20	18
380	26	26	27	27	24	22	20	15	11	7	890	17	17	18	18	18	18	18	18	18	19
390	4	-1	-5	-8	-10	-10	-10	-9	-6	-4	900	19	18	18	18	18	18	18	18	18	18
400	-1	-5	-4	4	2	-1	-3	-6	-8	-8	910	18	19	19	19	19	19	20	21	21	19
410	-1	2	4	4	2	-1	-3	-6	-8	-8	920	17	13	12	14	17	19	21	22	22	20
420	-8	-8	-8	-8	-8	-9	-7	-7	-7	-3	930	16	14	14	14	11	5	1	-3	-7	-10
430	-1	0	-2	-1	1	3	7	11	14	15	940	16	14	14	14	11	5	1	-3	-7	-10
440	14	12	11	11	11	11	12	15	18	19	950	-17	-19	-21	-22	-18	-18	-14	-12	-9	-10
450	19	19	18	19	19	22	25	29	36	37	960	-41	-40	-39	-36	-31	-25	-20	-14	-11	-11
460	37	33	28	25	25	28	29	28	28	28	970	-41	-40	-39	-36	-31	-25	-20	-14	-11	-11
470	28	28	28	25	21	17	19	23	25	25	980	-11	-11	-10	-9	-6	-3	2	10	13	19
480	24	20	18	18	16	20	29	31	33	34	990	23	23	23	23	22	22	23	23	20	20
											1010	10	8	8	8	4	-1	-5	-6	-8	-9
											1020	-4	0	1	1	4	4	8	13	15	15

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1071 DOWN )

CONTINUED( S-1071 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
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1050	-26	-33	-39	-45	-46	-52	-60	-70	-73	-77
1060	-78	-75	-71	-73	-67	-56	-62	-56	-50	-47
1070	-44	-39	-34	-29	-24	-21	-20	-19	-19	-19
1080	-19	-13	-6	0	5	6	5	6	8	8
1090	11	18	19	21	22	24	23	24	24	20
1100	20	21	22	22	23	23	22	24	27	27
1110	25	23	22	24	26	26	24	21	10	10
1120	2	-4	-11	-18	-18	-21	-20	-15	-11	-8
1130	-2	1	4	3	4	4	5	8	9	12
1140	12	13	17	19	21	22	23	23	25	26
1150	27	27	27	28	29	30	33	34	35	32
1160	27	22	18	16	13	9	3	0	0	3
1170	-10	-14	-19	-28	-32	-35	-40	-40	-42	-45
1180	-45	-44	-43	-42	-39	-35	-30	-24	-17	-10
1190	-5	10	13	14	16	16	17	17	13	3
1200	6	10	13	14	16	16	17	17	13	3
1210	10	9	7	6	8	11	12	13	11	9
1220	8	7	2	-2	-7	-20	-28	-36	-45	-53
1230	-61	-68	-75	-71	-67	-60	-51	-43	-37	-28
1240	-20	-9	0	9	14	22	23	25	29	23
1250	16	11	8	7	4	6	8	9	11	8
1260	4	0	-4	-6	-8	-9	-9	-5	-6	-7
1270	8	-8	-8	-11	-12	-10	-9	-6	-5	-7
1280	-12	-16	-17	-17	-17	-13	-8	4	1	7
1290	14	17	23	28	32	33	33	34	34	31
1300	29	24	19	16	12	8	3	2	4	7
1310	8	9	8	4	0	-6	-6	-8	-12	-14
1320	-18	-24	-26	-32	-36	-42	-49	-54	-57	-59
1330	-61	-61	-60	-57	-54	-49	-43	-39	-36	-33
1340	-30	-28	-27	-26	-24	-26	-27	-29	-31	-35
1350	-40	-43	-44	-44	-44	-43	-43	-41	-38	-38
1360	-35	-34	-30	-27	-23	-18	-14	-13	-9	-6
1370	-4	-3	-1	5	6	7	4	2	3	1
1380	-1	-3	-4	-4	-2	-1	1	5	7	12
1390	15	19	22	21	21	22	24	24	23	20
1400	20	20	20	20	21	22	24	26	27	29
1410	35	52	51	57	61	70	69	67	65	62
1420	61	58	58	51	48	45	36	29	22	15
1430	3	-10	-19	-29	-32	-33	-32	-32	-27	-20
1440	-21	-12	-5	12	17	21	25	28	30	31
1450	30	29	30	31	29	26	21	13	8	6
1460	4	2	2	1	0	-2	-2	-4	-3	-3
1470	-4	-4	-3	0	3	2	2	4	7	9
1480	14	17	17	19	21	22	22	22	21	21
1490	20	19	19	19	17	14	12	9	6	4
1500	2	0	-3	-5	-6	-6	-6	-6	-3	-3
1510	-2	-2	-5	-4	-4	-7	-2	-2	-2	-2
1520	-3	-1	0	3	7	7	7	6	5	3
1530	2	0	-6	-11	-13	-13	-12	-10	-8	-3
1540	-6	-4	-2	-3	-5	-6	-6	-7	-5	-3
1550	-3	-3	0	3	3	6	6	9	11	14
1560	17	17	19	19	20	16	13	7	2	0

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1071 DOWN )												CONTINUED( S-1071 DOWN )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )		
2110	-4	-3	-2	-1	0	0	0	0	0	0	2650	3	3	3	3	3	3	3	3	3	3		
2120	0	0	-1	-3	-5	-8	-9	-9	-9	-9	2660	4	4	2	0	0	0	0	0	0	4		
2130	-10	-11	-12	-13	-13	-13	-17	-18	-18	-17	2670	0	0	0	1	0	0	0	0	0	0		
2140	-18	-18	-18	-18	-18	-16	-13	-12	-9	-9	2680	-3	-4	-5	-6	-6	-7	-7	-8	-8	-3		
2150	-9	-7	-7	-7	-5	-3	0	8	10	10	2690	-7	-7	-8	-8	-8	-8	-8	-8	-8	-7		
2160	11	11	11	10	10	10	10	7	7	8	2700	-7	-7	-7	-7	-7	-7	-6	-6	-6	-6		
2170	8	8	8	9	10	8	8	10	10	10	2710	-6	-7	-7	-7	-8	-8	-8	-8	-8	-9		
2180	10	10	7	5	3	2	0	-5	-8	-13	2720	-9	-9	-9	-10	-10	-9	-8	-9	-9	-9		
2190	-14	-10	-9	-7	-5	-3	0	0	4	6	2730	-10	-10	-10	-10	-10	-9	-8	-7	-6	-4		
2200	-14	-10	-9	-7	-5	-3	0	0	4	6	2740	-3	-4	-5	-6	-6	-6	-6	-5	-4	-4		
2210	8	11	14	15	15	15	17	17	17	18	2750	0	0	0	0	0	0	0	0	0	5		
2220	11	11	11	13	14	15	16	17	17	18	2760	0	0	0	1	2	2	3	4	4	4		
2230	20	20	19	19	22	22	22	22	22	21	2770	7	8	8	8	10	11	11	11	13	15		
2240	22	22	21	19	18	17	16	15	12	10	2780	16	16	17	17	17	17	18	20	22	22		
2250	4	2	1	3	3	1	0	3	4	4	2790	22	24	25	25	24	23	22	22	22	24		
2260	14	16	18	18	18	17	15	12	12	10	2800	23	25	27	27	28	28	29	29	29	32		
2270	8	6	4	2	0	-1	-2	-4	-4	-3	2810	32	31	27	27	27	27	26	26	26	25		
2280	-2	-3	-2	-2	-2	-2	-2	-2	-2	-2	2820	25	25	23	21	20	16	12	9	7	6		
2290	-4	-8	-8	-8	-8	-8	-12	-12	-12	-14	2830	5	4	4	4	4	4	4	4	4	3		
2300	-15	-15	-15	-15	-12	-12	-10	-8	-7	-7	2840	4	2	3	4	4	4	4	4	4	4		
2310	-5	-7	-6	-6	-4	-4	-4	-4	-4	-4	2850	1	0	2	2	4	4	4	5	5	6		
2320	-9	-7	-6	-6	-3	-2	-2	-2	-2	-2	2860	7	7	7	5	5	5	5	5	5	6		
2330	-2	-2	-4	-4	-4	-3	-3	-3	-2	-2	2870	6	6	5	5	5	6	6	7	6	7		
2340	-2	-2	-2	-4	-5	-6	-6	-6	-6	-6	2880	8	7	7	10	11	15	15	14	18	17		
2350	-18	-18	-18	-18	-19	-19	-19	-19	-18	-18	2890	15	16	17	15	15	15	15	15	15	15		
2360	-15	-15	-15	-15	-15	-14	-14	-14	-13	-13	2900	15	16	15	16	18	19	19	18	20	21		
2370	-13	-11	-11	-11	-11	-7	-7	-7	-5	-2	2910	19	18	18	18	18	16	14	17	17	15		
2380	0	0	0	1	1	1	1	1	0	-1	2920	14	15	15	15	14	12	12	11	11	10		
2390	-2	-4	-4	-4	-5	-3	0	0	-1	-1	2930	10	10	8	4	4	3	1	1	1	0		
2400	-1	-1	-1	-1	-1	0	0	0	-1	-1	2940	-1	-1	-1	-2	-3	-2	-1	-1	-1	-5		
2410	-2	-1	-1	-2	-2	1	1	1	3	3	2950	-8	-8	-8	-9	-9	-10	-10	-9	-12	-12		
2420	3	3	3	3	3	4	4	4	4	4	2960	-15	-15	-17	-18	-18	-18	-18	-18	-18	-18		
2430	3	3	3	3	3	4	4	4	3	3	2970	-18	-18	-18	-18	-18	-18	-18	-21	-24	-24		
2440	2	3	2	0	0	0	0	0	-1	-1	2980	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24		
2450	-1	-1	-1	-4	-4	-4	-4	-4	-3	-3	2990	-24	-24	-24	-24	-24	-24	-24	-22	-20	-20		
2460	-4	-3	-4	-5	-6	-6	-6	-6	-6	-6	3000	-20	-18	-18	-18	-20	-24	-24	-23	-22	-22		
2470	-6	-6	-5	-3	-2	0	1	5	6	6	3010	-21	-20	-20	-20	-19	-17	-17	-17	-17	-17		
2480	5	5	6	6	6	6	6	6	6	6	3020	-17	-17	-18	-18	-17	-16	-16	-16	-16	-16		
2490	5	5	2	2	2	1	0	0	0	0	3030	-15	-14	-14	-14	-13	-12	-12	-12	-12	-12		
2500	0	-1	-2	-2	-2	-3	-4	-5	-6	-6	3040	-12	-10	-9	-8	-8	-8	-8	-8	-8	-8		
2510	8	-8	-8	-9	-8	-7	-7	-8	-8	-8	3050	-5	-4	-5	-8	-9	-9	-8	-8	-11	-12		
2520	-7	-8	-10	-10	-10	-10	-11	-11	-11	-11	3060	-10	-7	-9	-11	-11	-8	-7	-6	-6	-6		
2530	-11	-11	-11	-13	-13	-20	-22	-22	-22	-22	3070	-6	-6	-6	-4	-5	-5	-5	-5	-5	-5		
2540	-22	-22	-23	-23	-22	-19	-18	-17	-17	-18	3080	-5	-3	-3	-3	-3	-3	-3	-3	-3	-3		
2550	-16	-12	-11	-11	-8	-7	-7	-7	-7	-7	3090	-1	-1	-1	-2	-2	-3	-3	-3	-3	-3		
2560	-8	-9	-9	-9	-10	-7	-7	-6	-4	1	3100	-3	-1	0	0	1	3	3	3	3	3		
2570	2	0	-1	-2	-1	-1	-4	-4	-4	-4	3110	6	6	5	5	6	5	5	5	6	6		
2580	-8	-11	-14	-14	-13	-12	-13	-13	-12	-11	3120	9	9	6	6	6	6	7	7	7	6		
2590	-11	-10	-10	-11	-11	-11	-11	-12	-13	-14	3130	5	4	4	4	10	10	10	7	7	9		
2600	-16	-17	-17	-16	-16	-17	-15	-14	-14	-14	3140	4	4	5	6	6	6	6	5	5	4		
2610	-14	-13	-13	-12	-19	-8	-7	-7	-6	-5	3150	-1	-2	-1	-1	-1	-1	-1	-1	-1	-3		
2620	-3	-1	-1	0	3	3	4	4	3	3	3160	2	3	6	6	6	6	6	6	6	6		
2630	3	3	3	3	4	3	3	3	3	3	3170	0	0	5	5	5	3	3	3	3	0		
2640	3	3	3	4	3	3	3	3	4	4	3180	0	0	3	5	5	6	5	5	5	5		

TO BE CONTINUED

TO BE CONTINUED



CONTINUED ( S-1071 DOWN )

CONTINUED ( S-1071 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	6	6	6	6	6	6	10	9	9	10
3200	10	10	10	11	9	9	9	9	8	7
3210	6	6	6	7	7	7	9	9	8	9
3220	9	9	9	9	9	9	9	9	8	8
3230	9	8	9	8	9	7	7	7	6	6
3240	7	8	7	7	6	4	4	4	4	3
3250	0	-2	-1	-2	-5	-5	-5	-5	-8	-10
3260	-11	-11	-11	-11	-11	-11	-10	-9	-8	-8
3270	-8	-8	-10	-10	-10	-10	-12	-12	-11	-11
3280	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
3290	-12	-14	-13	-13	-13	-13	-13	-13	-13	-13
3300	-13	-14	-13	-14	-15	-16	-16	-16	-16	-16
3310	-16	-16	-16	-15	-13	-16	-16	-16	-16	-16
3320	-16	-16	-16	-16	-17	-17	-17	-17	-17	-17
3330	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
3340	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
3350	-17	-17	-16	-16	-16	-16	-16	-16	-16	-16
3360	-16	-17	-16	-16	-16	-16	-16	-16	-16	-16
3370	-21	-23	-23	-23	-23	-23	-22	-22	-23	-23
3380	-22	-22	-23	-23	-23	-23	-20	-20	-20	-20
3390	-20	-20	-17	-17	-18	-18	-18	-18	-18	-16
3400	-16	-15	-15	-14	-14	-13	-13	-12	-11	-9
3410	-7	-6	-4	-2	-2	0	0	1	4	11
3420	13	13	17	17	20	20	19	20	23	23
3430	23	27	27	27	27	27	27	27	27	27
3440	27	27	27	27	27	27	27	27	25	23
3450	22	23	23	22	21	21	23	23	21	21
3460	21	21	21	19	19	19	19	19	19	20
3470	20	20	19	19	22	25	24	24	23	25
3480	28	28	28	28	28	28	28	28	28	28
3490	24	25	24	24	24	18	18	18	18	18
3500	18	18	18	18	18	18	18	19	16	11
3510	8	8	8	7	5	5	5	5	5	2
3520	0	-1	-1	0	1	1	1	1	1	1
3530	1	1	1	1	1	1	0	-1	0	0
3540	1	-1	-1	-1	-2	-4	-5	-7	-7	-7
3550	-9	-10	-10	-10	-10	-9	-9	-9	-10	-10
3560	-9	-10	-10	-10	-10	-9	-9	-9	-10	-10
3570	-17	-25	-21	-25	-25	-23	-21	-21	-20	-20
3580	-21	-21	-21	-21	-21	-21	-21	-21	-23	-23
3590	-26	-25	-25	-25	-25	-25	-25	-25	-25	-25
3600	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
3610	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
3620	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
3630	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
3640	-22	-24	-24	-24	-24	-20	-20	-21	-22	-24
3650	-24	-24	-21	-21	-21	-15	-14	-14	-14	-14
3660	-14	-11	-8	-10	-10	-8	-8	-8	-8	-7
3670	-4	-4	-4	-4	-4	-4	-4	-4	-2	-1
3680	-1	-2	-3	-3	-2	0	3	3	4	3
3690	1	2	2	2	0	0	0	0	0	0
3700	0	0	0	0	0	0	0	0	0	0
3710	0	1	2	2	3	3	3	2	2	2
3720	2	2	3	2	2	1	-2	-3	-3	-3

TO BE CONTINUED

TO BE CONTINUED

RECORD = M-186 COMPONENT = S16E STATION = KAWASAKI-CHI-M  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 11700  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC CONNECTION POINT IN DATA NUMBER= 3925, 7818, 11700,

CONTINUED ( S-1071 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	-9	-7	-8	-9	-11	-9	-9	-9	-8	-8
4280	-9	-9	-8	-8	-8	-8	-8	-8	-8	-8
4290	-8	-8	-8	-8	-8	-12	-12	-11	-11	-11
4300	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
4310	-11	-11	-11	-11	-11	-10	-10	-11	-11	-11
4320	-11	-12	-12	-11	-11	-17	-17	-15	-15	-15
4330	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
4340	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
4350	-14	-14	-14	-14	-14	-12	-11	-11	-11	-11
4360	-11	-11	-11	-8	-8	-8	-9	-8	-8	-8
4370	-7	-5	-5	-5	-5	-5	-5	-5	-5	-5
4380	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
4390	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
4400	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
4410	-4	-2	-2	0	0	0	1	2	2	2
4420	2	2	2	2	2	4	6	6	6	6
4430	6	6	6	6	6	6	6	5	6	6
4440	8	7	8	8	8	8	8	8	8	9

END

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	11	11	9	12	14	19	22	26	30	31
10	30	27	19	9	3	0	-4	-8	-11	-15
20	-22	-34	-43	-47	-47	-38	-32	-25	-21	-26
30	-35	-37	-46	-54	-59	-65	-70	-74	-66	-59
40	-53	-47	-33	-25	-19	-14	-2	8	14	15
50	15	11	2	-3	-14	-23	-39	-46	-60	-63
60	-55	-50	-45	-41	-35	-31	-22	-14	-11	-16
70	-32	-46	-53	-57	-57	-52	-52	-53	-59	-69
80	-75	-76	-75	-73	-74	-83	-93	-100	-111	-114
90	-104	-64	-7	0	4	46	94	79	70	57
100	47	35	17	7	0	-8	-27	-45	-30	-25
110	1	34	26	17	2	-3	-22	-31	-47	-39
120	-26	7	19	28	47	99	139	149	159	134
130	154	141	122	112	99	87	79	70	77	131
140	142	161	171	173	156	124	113	103	91	80
150	67	52	44	30	24	20	14	9	3	-1
160	-6	-11	-14	-13	-11	-11	-7	-9	-12	-30
170	-53	-58	-63	-78	-78	-65	-58	-30	-9	3
180	17	43	61	68	69	47	26	3	-12	-22
190	-49	-83	-99	-104	-100	-81	-68	-65	-15	23
200	14	10	0	-3	-9	-21	-36	-49	-50	-45
210	-42	-35	-31	-40	-57	-81	-102	-114	-126	-116
220	-87	-27	11	27	44	52	55	54	52	49
230	43	42	41	42	42	41	39	34	30	24
240	18	14	9	0	-11	-15	-25	-43	-58	-59
250	-52	-40	-20	-13	-7	-9	-15	-22	-30	-41
260	-53	-58	-70	-81	-85	-87	-73	-43	-20	0
270	12	20	36	50	65	79	91	99	110	110
280	96	86	70	56	44	18	-10	-13	0	21
290	51	74	89	108	111	101	81	60	40	28
300	14	-3	-15	-9	-3	0	3	8	7	0
310	-3	0	11	17	48	62	83	110	104	95
320	84	78	69	64	52	39	27	-8	-10	-5
330	-3	1	-2	-22	-33	-39	-47	-30	-21	-5
340	14	23	33	40	44	48	48	47	38	32
350	25	5	-2	-13	-25	-32	-42	-41	-36	-32
360	-22	-14	4	4	-13	-23	-31	-43	-64	-64
370	-85	-98	-107	-116	-88	-67	-46	-11	-4	3
380	17	34	32	21	0	-17	-22	-32	-47	-54
390	-66	-77	-92	-105	-110	-118	-124	-132	-141	-145
400	-151	-156	-159	-164	-167	-166	-161	-147	-128	-80
410	-40	27	54	79	116	139	164	174	179	175
420	156	143	134	128	112	99	89	69	45	24
430	10	-13	-23	-28	-37	-47	-50	-45	-41	-34
440	-25	-17	-9	11	37	49	54	83	120	143
450	148	130	116	103	92	73	77	87	100	114
460	152	175	188	188	179	177	159	135	125	94
470	66	62	54	64	32	14	0	-8	-22	-36
480	-52	-67	-82	-93	-79	-75	-64	-43	-18	6

TO BE CONTINUED

CONTINUED( M-186 S16E )											CONTINUED( M-186 S16E )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	15	31	32	26	22	16	11	2	-4	-9	1030	78	73	60	55	46	40	35	28	20	14
500	-18	-22	-32	-20	0	8	24	4	64	-9	1040	10	-3	-18	-27	-41	-64	-81	-98	-121	-136
510	65	25	-13	-23	-33	-70	-131	-125	-117	-104	1050	145	-149	-161	-149	-117	-63	-7	8	29	46
520	-97	-105	-111	-115	-120	-131	-137	-146	-129	-92	1060	48	35	27	16	4	-5	-7	17	46	70
530	-80	-62	-53	-53	-53	-62	-76	-89	-94	-103	1070	98	121	125	112	93	76	61	37	69	59
540	-104	-69	-49	-35	-27	1	25	29	27	9	1080	-55	-70	-54	-20	1	28	70	87	69	59
550	-18	-37	-65	-86	-101	-141	-145	-122	-111	-101	1090	51	43	32	17	-9	-18	-3	22	50	50
560	-94	-94	-96	-103	-112	-124	-128	-117	-88	-55	1100	60	76	77	22	-14	-46	-67	-85	-105	-113
570	-25	7	26	55	94	222	245	215	199	146	1110	-120	-124	-92	-69	-68	-30	-32	9	39	53
580	134	104	68	142	117	128	133	141	159	178	1120	88	92	87	104	99	89	77	70	53	50
590	193	185	188	153	144	134	117	104	98	91	1130	23	4	7	-17	-2	13	22	40	54	54
600	101	107	113	121	128	140	147	151	133	122	1140	60	44	25	13	5	-17	-33	-44	-50	-55
610	86	50	22	-13	-33	-64	-94	-75	-22	8	1150	-67	-84	-74	-65	-58	-54	-49	-44	-50	-55
620	29	33	26	18	5	-6	-21	-59	-79	-19	1160	-61	-64	-66	-58	-43	-30	-17	0	13	21
630	-108	-69	-38	20	64	69	146	192	178	138	1170	32	37	43	49	54	57	62	65	67	65
640	104	75	56	12	-54	-43	-29	-17	-3	9	1180	51	42	33	25	16	7	-4	-5	-10	57
650	23	44	83	122	152	134	85	36	7	-30	1190	87	91	96	58	22	0	-30	-55	-79	-88
660	-56	-76	-96	-153	-207	-232	-240	-229	-217	-201	1200	-102	-114	-127	-136	-143	-151	-156	-149	-141	-133
670	-180	-162	-137	-124	-112	-93	-66	-59	-52	-42	1210	-125	-117	-97	-68	-76	-90	-102	-107	-112	-124
680	-31	-27	-17	-6	1	5	0	-6	-20	-34	1220	-125	-130	-56	5	35	85	96	112	133	157
690	-51	-68	-78	-87	-80	-66	-47	-37	-27	-12	1230	155	154	146	140	127	118	112	107	98	88
700	-6	9	20	31	43	46	42	31	14	1	1240	80	72	65	55	46	42	44	46	46	44
710	-13	-21	-29	-36	-20	-10	1	18	28	41	1250	40	34	26	19	5	-9	-17	-28	-29	-26
720	56	71	83	96	104	110	109	102	91	83	1260	-27	-29	-31	-33	-37	-30	-16	-6	0	-1
730	78	76	74	73	72	70	62	21	-10	-26	1270	-1	-3	-5	-7	-2	4	15	26	35	47
740	-40	-51	-60	-51	-47	-40	-33	-27	-14	-28	1280	60	75	97	104	96	88	80	71	61	50
750	-4	61	60	67	68	64	18	-5	-19	-28	1290	39	31	21	26	33	30	27	30	35	39
760	-47	-60	-72	-94	-120	-147	-137	-109	-91	-72	1300	43	49	55	66	60	45	33	20	5	-7
770	-60	-60	-76	-61	55	80	52	37	25	19	1310	-18	-35	-44	-52	-60	-57	-44	-35	-32	-32
780	0	-39	-62	-65	-40	-15	0	15	30	44	1320	-33	-37	-41	-44	-48	-54	-60	-65	-68	-65
790	65	95	67	80	69	60	47	29	15	8	1330	-59	-54	-57	-61	-66	-71	-77	-83	-88	-91
800	0	-15	-52	-75	-79	-114	-145	-103	-77	-55	1340	-99	-97	-83	-66	-46	-37	-31	-23	-19	-19
810	-14	-6	-10	-11	-15	-16	-18	-18	-11	3	1350	-23	-26	-32	-40	-48	-54	-60	-70	-76	-85
820	14	23	32	44	62	124	162	183	186	206	1360	-87	-80	-73	-66	-64	-60	-58	-59	62	62
830	119	56	48	18	6	-3	-10	-16	-15	-14	1370	-18	-32	-46	-34	-21	-10	1	8	21	33
840	-19	-37	-53	-61	-72	-80	-91	-106	-116	-126	1380	44	49	56	63	66	64	60	58	59	62
850	-119	-100	-93	-87	-81	-72	-64	-56	-51	-49	1390	63	64	62	55	48	43	32	23	15	6
860	-46	-41	-37	-27	-15	12	54	68	82	87	1400	13	21	27	32	37	38	25	12	-6	-18
870	87	88	87	94	105	109	116	122	122	114	1410	-26	-26	-9	2	6	24	38	39	30	23
880	104	96	86	76	69	62	54	49	45	40	1420	11	6	5	4	3	-1	-6	-14	-19	-25
890	37	35	32	30	27	26	23	20	-29	-19	1430	-27	-35	-28	-19	36	45	65	93	91	79
900	-88	-112	-144	-162	-167	-142	-118	-88	-69	-57	1440	55	7	-9	40	-80	-74	-66	-57	-46	-34
910	-2	10	22	21	19	13	8	2	-15	26	1450	-24	-13	13	25	33	43	45	31	15	5
920	52	60	50	50	31	3	-8	-9	-35	-3	1460	-7	-15	-13	-17	-17	-16	-14	-12	-8	-6
930	51	126	141	152	140	148	136	123	103	80	1470	4	-14	-26	-49	-64	-69	-78	-82	-86	-86
940	69	50	29	41	-12	-37	-51	-62	-72	-80	1480	-87	-79	-75	-68	-61	-51	-44	-34	-24	-8
950	-87	-92	-83	-70	-58	-43	-17	12	20	36	1490	47	78	91	100	116	126	136	138	131	126
960	61	74	80	78	57	43	31	19	3	0	1500	116	105	95	85	74	67	62	57	53	50
970	17	13	18	23	31	34	44	39	-35	-67	1510	54	82	58	50	41	31	16	5	1	-9
980	-81	-102	-99	-85	-71	-46	-34	-17	-4	14	1520	-20	-36	-54	-70	-106	-110	-106	-95	-88	-79
990	35	51	65	77	82	84	81	73	66	61	1530	-70	-61	-54	-41	-20	-2	1	-3	-9	-13
1000	52	47	41	34	30	32	28	9	-9	-28	1540	-16	-26	-32	-40	-45	-50	-17	16	27	37
1010	-61	-82	-77	-71	-62	-57	-55	-57	-59	-61	1550	47	59	64	60	50	38	31	22	15	7
1020	-63	-64	-63	-54	-44	-25	-6	1	49	85	1560	0	-5	-8	-9	-16	-28	-35	-43	-52	-48

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( M-186 )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	-38	-29	-18	-4	3	-6	-18	-41	-51	-59
1583	-67	-75	-78	-75	-70	-65	-56	-45	-34	-23
1590	-13	-2	7	38	60	76	79	79	77	82
1600	95	143	159	143	153	160	165	164	163	158
1610	153	146	142	141	138	132	122	113	94	75
1620	48	26	44	91	-91	-89	-79	-72	-66	-64
1630	-58	-54	-53	-64	-78	-89	-102	-112	-119	-125
1640	-130	-138	-140	-135	-134	-132	-131	-129	-126	-126
1650	-122	-118	-115	-110	-105	-94	-84	-70	-58	-40
1660	-17	37	54	55	62	64	63	55	50	45
1670	41	37	33	32	27	22	19	17	14	62
1680	73	81	84	92	76	42	26	5	-11	-22
1700	-31	-46	-61	-82	-94	-100	-104	-107	-108	-109
1700	-109	-108	-109	-110	-112	-113	-116	-118	-124	-123
1710	-92	-80	-67	-55	-23	20	52	75	83	95
1720	106	113	125	143	150	153	140	102	85	73
1730	55	45	48	58	68	73	82	93	105	114
1740	120	128	130	122	110	98	86	77	70	64
1750	57	58	60	62	63	63	63	60	55	45
1760	34	11	-7	-26	-46	-63	-81	-95	-106	-115
1770	-106	-94	-89	-81	-76	-72	-67	-66	-63	-60
1780	-57	-52	-48	-42	-38	-32	-23	-18	-12	-3
1790	6	16	20	20	15	11	4	0	-6	-9
1800	-6	-5	0	3	6	10	11	13	11	8
1810	4	0	-2	-7	-10	-13	-15	-14	-9	-3
1820	1	4	6	6	2	-4	-11	-22	-33	-41
1830	-53	-65	-70	-73	-71	-65	-57	-48	-38	-28
1840	-14	-4	2	-6	-13	-20	-27	-34	-43	-50
1850	-56	-62	-64	-62	-64	-61	62	64	67	70
1860	63	65	67	72	68	80	83	84	84	87
1870	75	77	77	72	68	60	53	50	38	28
1880	16	8	-6	-12	-16	-21	-23	-25	-27	-28
1890	-28	-28	-30	-36	-45	-56	-80	-98	-105	-115
1900	-124	-137	-147	-143	-105	-66	-51	-34	-18	-10
1910	-13	-16	-20	-25	-29	-27	-21	-12	-5	3
1920	16	28	39	50	57	62	69	74	77	81
1930	83	82	81	69	75	73	72	72	72	72
1940	72	71	69	65	61	64	70	78	85	91
1950	95	98	99	95	90	87	80	73	67	59
1960	57	65	75	85	85	77	68	61	52	44
1970	36	28	22	14	11	17	22	31	47	64
1980	67	58	50	38	24	14	1	-10	-16	-26
1990	-30	-23	-16	-8	1	4	-3	-14	-22	-33
2000	-46	-53	-51	-49	-43	-37	-29	-18	-6	3
2010	10	16	22	30	35	33	26	13	2	-9
2020	-18	-24	-32	-40	-38	-37	-36	-34	-34	-38
2030	-44	-52	-60	-68	-78	-86	-93	-102	-108	-116
2040	-122	-127	-130	-107	-98	-84	-68	-48	-22	32
2050	41	39	37	31	22	14	3	0	-6	-3
2060	4	17	18	24	31	35	36	36	35	35
2070	35	36	39	42	45	51	55	56	53	50
2080	48	45	44	43	43	45	47	49	51	53
2090	54	55	56	54	52	48	42	36	32	25
2100	19	14	10	5	0	-4	-7	-11	-11	-11

TO BE CONTINUED

CONTINUED ( M-186 )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	-9	-6	-3	0	2	4	5	5	2	-1
2120	-13	-21	-30	-42	-51	-57	-61	-68	-76	-86
2130	-80	-85	-91	-101	-109	-114	-113	-112	-104	-99
2140	-93	-93	-93	-93	-93	-93	-93	-93	-93	-93
2150	9	-17	-23	-30	-37	-44	-49	-53	-41	-46
2160	-36	-29	-23	-16	-7	-4	-4	-3	-7	-12
2170	-17	-20	-19	-16	-13	-9	-4	-1	0	11
2180	20	29	35	38	32	25	10	0	-9	-17
2190	-22	-23	-17	-11	-5	0	1	2	5	8
2200	44	19	29	36	44	52	56	55	58	51
2210	50	58	51	51	55	58	62	64	63	62
2220	60	58	55	52	49	47	44	44	36	32
2230	29	24	19	15	12	8	7	3	-2	-10
2240	-17	-26	-35	-39	-43	-47	-46	-44	-43	-41
2250	-43	-47	-51	-55	-60	-64	-63	-57	-50	-39
2260	-26	-13	0	3	1	-3	-9	-14	-20	-26
2270	-32	-36	-40	-42	-37	-31	-26	-19	-10	-7
2280	-8	-8	-8	-9	-7	-2	2	9	19	24
2290	33	44	53	63	57	45	34	27	17	9
2300	2	-4	-11	-19	-28	-40	-46	-43	-39	-35
2310	-29	-22	-14	-8	1	4	8	6	2	0
2320	-2	-3	-1	1	3	7	11	16	21	25
2330	26	22	17	12	9	3	-4	-4	-1	-22
2340	-30	-33	-29	-26	-22	-13	5	11	5	5
2350	-3	-10	-17	-22	-28	-31	-39	-43	-45	-47
2360	-43	-40	-35	-30	-23	-13	-5	1	6	15
2370	20	27	35	42	47	40	32	19	6	4
2380	-12	-16	-18	-15	-12	-8	-5	-3	-10	-21
2390	-25	-39	-51	-59	-66	-71	-77	-73	-67	-62
2400	-55	-47	-42	-46	-56	-66	-75	-79	-87	-86
2410	-78	-68	-55	-42	-22	0	7	14	21	31
2420	41	49	60	64	64	63	63	63	63	64
2430	67	69	71	74	77	79	80	79	76	72
2440	67	60	55	50	45	46	49	56	63	67
2450	75	82	84	88	88	85	82	80	79	81
2460	84	89	94	94	89	84	77	61	52	45
2470	36	28	21	16	16	17	18	19	14	6
2480	-1	-7	-14	-22	-27	-31	-39	-43	-48	-53
2490	-57	-65	-64	-61	-57	-51	-44	-40	-36	-40
2500	-45	-53	-59	-68	-75	-80	-83	-80	-76	-66
2510	-55	-48	-42	-36	-32	-26	-20	-16	-12	-9
2520	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
2530	-23	-21	-20	-17	-9	-1	9	12	14	14
2540	15	16	15	12	7	1	-3	-8	-7	-1
2550	5	14	21	28	35	40	51	56	57	52
2560	45	38	29	23	18	13	10	10	11	13
2570	22	27	33	35	39	41	-12	-21	-30	-44
2580	-55	-64	-73	-79	-84	-87	-85	-82	-78	-72
2590	-66	-61	-59	-58	-59	-62	-67	-75	-82	-89
2600	-94	-102	-105	-111	-114	-109	-106	-103	-100	-100
2610	-94	-89	-82	-76	-70	-64	-57	-48	-44	-44
2620	-34	-28	-23	-19	-16	-14	-14	-14	-13	-7
2630	0	6	14	22	28	42	59	70	75	78
2640	80	80	76	70	66	62	58	55	57	60

TO BE CONTINUED

CONTINUED ( M-186 S16E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2650	63	66	75	82	90	92	87	82	78	74
2660	72	71	71	71	71	71	71	71	70	68
2670	63	56	53	49	45	39	35	33	31	30
2680	29	27	25	22	20	18	15	11	9	4
2690	-2	-8	-14	-20	-27	-30	-28	-24	-20	-20
2700	-17	-14	-11	-10	-10	-13	-17	-20	-23	-24
2710	-30	-30	-28	-22	-14	6	-2	3	5	7
2720	13	19	22	27	32	30	21	16	5	-7
2730	-13	-22	-34	-40	-47	-53	-59	-64	-68	-71
2740	-73	-75	-77	-78	-78	-79	-80	-80	-80	-80
2750	-80	-80	-80	-79	-80	-79	-77	-74	-69	-69
2760	-63	-57	-52	-48	-42	-39	-38	-38	-39	-40
2770	-38	-32	-22	-5	11	23	34	46	58	60
2780	60	58	55	53	51	51	54	58	62	65
2790	66	66	63	58	52	46	38	34	31	34
2800	5	-2	-11	-21	-25	-23	-21	-12	-8	-1
2810	1	-1	-6	-11	-15	-22	-32	-42	-48	-46
2820	-41	-32	-24	-17	-13	-14	-18	-21	-24	-22
2830	-12	-1	8	22	24	16	10	3	-8	-18
2840	-24	-33	-34	-30	-24	-2	5	14	20	14
2850	25	29	32	35	39	43	47	48	47	48
2860	45	43	40	36	33	28	25	23	21	21
2870	20	21	23	25	28	31	32	32	30	30
2880	26	22	20	18	17	17	17	15	12	12
2890	9	5	0	-2	-5	-9	-12	-15	-17	-20
2900	-23	-26	-29	-32	-35	-39	-42	-44	-42	-37
2910	-31	-24	-21	-16	-18	-25	-30	-36	-41	-47
2920	-50	-50	-48	-47	-46	-45	-45	-46	-50	-51
2930	-52	-54	-57	-61	-65	-67	-68	-67	-64	-61
2940	-56	-52	-47	-42	-36	-33	-27	-14	3	4
2950	10	13	12	11	9	8	7	5	4	3
2960	1	0	-2	-3	-5	-8	-6	-3	4	8
2970	17	29	36	44	49	51	54	55	55	54
2980	52	50	48	47	52	56	58	59	56	54
2990	50	44	39	34	29	25	21	18	17	17
3000	17	20	21	25	28	29	29	28	26	24
3010	23	21	19	16	14	12	11	9	8	5
3020	3	2	0	-1	-2	-6	-9	-10	-13	-17
3030	-20	-26	-31	-32	-29	-24	-19	-12	-8	-7
3040	-9	-12	-15	-18	-20	-22	-23	-24	-23	-21
3050	-17	-16	-12	-7	-3	0	5	10	14	17
3060	21	26	30	33	30	26	20	14	7	-4
3070	-10	-15	-21	-25	-35	-39	-45	-45	-39	-35
3080	-29	-24	-19	-16	-15	-16	-18	-19	-21	-24
3090	-26	-28	-31	-34	-32	-28	-25	-19	-8	6
3100	19	28	39	48	50	47	44	37	30	23
3110	15	9	4	11	21	31	39	47	55	59
3120	63	60	55	48	38	27	16	7	0	9
3130	-16	-21	-23	-22	-20	-18	-17	-17	-20	-24
3140	-28	-34	-38	-42	-45	-47	-47	-47	-46	-46
3150	-45	-43	-40	-35	-31	-27	-24	-20	-16	-11
3160	-7	-2	2	5	5	-1	-1	-5	-8	-7
3170	5	2	1	4	8	13	17	20	26	29
3180	30	32	33	31	29	23	23	20	16	12

TO BE CONTINUED

CONTINUED ( M-186 S16E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	10	6	2	0	-1	-1	1	4	8	12
3200	12	9	6	4	4	0	0	0	-1	-1
3210	-3	-3	-4	-6	-8	-10	-11	-13	-15	-17
3220	-19	-18	-11	-6	-5	4	2	0	0	8
3230	5	10	13	13	15	15	14	10	10	8
3240	6	5	1	-1	-3	-5	-7	-9	-11	-14
3250	-17	-20	-24	-24	-23	-21	-17	-14	-11	-7
3260	-3	1	7	16	19	19	20	20	22	22
3270	24	28	31	33	37	40	42	43	44	46
3280	48	52	57	63	68	73	76	78	77	74
3290	72	69	65	63	59	58	57	56	55	54
3300	52	51	50	47	45	43	38	33	29	24
3310	17	10	3	-2	-7	-12	-16	-21	-23	-20
3320	-18	-15	-12	-6	-4	-3	-2	-3	-6	-10
3330	-12	-15	-20	-26	-29	-34	-41	-44	-49	-54
3340	-56	-57	-57	-55	-52	-49	-45	-39	-35	-25
3350	-18	-11	-5	-6	-8	-10	-10	-9	-7	-4
3360	-1	1	4	7	9	11	11	11	9	7
3370	2	0	-3	-6	-8	-11	-12	-13	-14	-14
3380	-14	-13	-12	-11	-10	-9	-9	-10	-11	-13
3390	-15	-17	-22	-26	-30	-33	-38	-44	-49	-54
3400	-54	-57	-61	-62	-58	-53	-48	-44	-38	-32
3410	-26	-21	-14	-10	-5	0	2	6	11	14
3420	6	3	0	-5	-9	-13	-15	-15	-11	-7
3430	-1	4	5	12	18	23	30	36	39	43
3440	46	48	50	51	52	53	54	55	55	55
3450	56	57	58	58	57	55	52	48	44	42
3460	40	40	40	41	42	45	46	47	47	48
3470	48	48	47	46	45	43	41	39	37	36
3480	35	36	36	36	36	35	33	30	25	17
3490	12	5	-2	-11	-21	-26	-35	-40	-45	-47
3500	-49	-51	-52	-53	-55	-57	-60	-63	-65	-66
3510	-66	-63	-59	-54	-53	-50	-48	-47	-44	-44
3520	-42	-40	-37	-34	-30	-23	-20	-14	-10	-6
3530	-3	0	6	13	21	27	37	50	56	56
3540	58	59	59	59	58	58	57	57	59	62
3550	64	66	67	68	67	65	63	60	57	54
3560	51	47	43	37	33	29	24	18	14	11
3570	6	1	-1	-5	-10	-14	-18	-21	-26	-31
3580	-34	-38	-42	-47	-51	-57	-61	-63	-66	-70
3590	-73	-75	-74	-73	-71	-69	-66	-65	-65	-65
3600	-65	-65	-66	-66	-66	-64	-61	-59	-51	-47
3610	-42	-37	-34	-30	-31	-29	-28	-25	-23	-20
3620	-15	-10	5	0	6	14	18	23	26	28
3630	31	34	36	36	36	35	33	31	29	27
3640	24	23	23	24	27	29	31	33	35	39
3650	41	41	39	36	33	31	27	23	20	17
3660	15	13	11	12	14	15	17	19	20	20
3670	17	13	11	8	5	2	0	-2	-3	-3
3680	-2	-1	2	6	10	13	14	14	13	10
3690	8	6	4	1	0	-1	-2	-2	-3	-3
3700	-3	-3	-3	-4	-5	-6	-8	-10	-11	-13
3710	-14	-16	-19	-20	-22	-24	-26	-28	-31	-32
3720	-33	-36	-39	-41	-44	-45	-47	-49	-51	-54

TO BE CONTINUED

CONTINUED ( M-186 )

CONTINUED ( M-186 )		CONTINUED ( M-186 )										CONTINUED ( M-186 )																			
( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 11 )	( 12 )	( 13 )	( 14 )	( 15 )	( 16 )	( 17 )	( 18 )	( 19 )	( 20 )	( 21 )	( 22 )	( 23 )	( 24 )	( 25 )	( 26 )	( 27 )	( 28 )	( 29 )	( 30 )		
3730	-58	-61	-60	-56	-53	-49	-47	-45	-44	4270	25	23	21	16	15	11	6	3	-2	-3											
3740	-43	-43	-43	-43	-43	-43	-43	-42	-40	4280	-6	-7	-8	-7	-7	-7	-8	-7	-6	-5											
3750	-37	-34	-32	-28	-25	-23	-20	-18	-16	4290	-3	-2	0	2	4	7	10	14	17	19											
3760	-14	-13	-12	-11	-10	-8	-7	-6	-5	4300	20	24	29	32	36	38	41	43	46	49											
3770	1	3	5	6	8	9	11	14	17	4310	51	52	53	53	53	53	53	52	52	53											
3780	21	24	27	30	33	36	39	41	42	4320	54	54	53	53	53	51	48	46	44	44											
3790	42	41	40	38	35	34	30	26	22	4330	42	41	39	37	33	31	28	24	19	15											
3800	15	12	9	6	3	0	-2	-3	-4	4340	12	4	-1	-10	-15	-18	-24	-34	-39	-45											
3810	-5	-5	-6	-9	-13	-17	-21	-26	-31	4350	50	-51	-53	-54	-56	-57	-57	-58	-59	-65											
3820	-39	-43	-47	-51	-54	-58	-60	-60	-60	4360	-64	-65	-68	-70	-70	-70	-71	-72	-73	-71											
3830	-57	-54	-51	-48	-44	-42	-38	-35	-31	4370	-75	-76	-77	-78	-78	-79	-80	-80	-81	-82											
3840	-24	-20	-17	-15	-14	-13	-13	-14	-14	4380	-83	-84	-83	-82	-80	-78	-74	-71	-70	-67											
3850	-14	-12	-10	-9	-9	-9	-10	-11	-12	4390	-85	-81	-86	-86	-82	-78	-74	-71	-70	-67											
3860	-15	-15	-15	-15	-14	-14	-13	-11	-10	4400	-81	-81	-81	-80	-80	-80	-80	-80	-80	-80											
3870	-6	-4	-2	-1	0	0	0	0	0	4410	-24	-23	-22	-21	-21	-20	-20	-20	-19	-18											
3880	0	0	0	0	0	0	0	0	0	4420	-16	-15	-14	-12	-10	-7	-4	-1	2	5											
3890	-8	-11	-13	-18	-19	-20	-19	-18	-17	4430	6	8	9	10	11	11	12	14	15	17											
3900	-13	-11	-10	-9	-8	-8	-8	-8	-8	4440	18	21	25	28	32	39	41	45	50	53											
3910	-8	-8	-7	-6	-5	-3	-1	0	1	4450	56	59	61	64	65	66	67	67	68	68											
3920	3	3	3	4	6	5	4	5	6	4460	69	69	70	70	70	70	70	70	70	68											
3930	9	9	9	9	7	5	2	0	-2	4470	62	58	55	53	51	45	41	37	32	28											
3940	-6	-7	-9	-10	-14	-18	-20	-24	-28	4480	21	18	11	3	0	-5	-8	-14	-17	-20											
3950	-36	-39	-44	-49	-51	-55	-58	-60	-63	4490	-22	-26	-30	-32	-35	-36	-39	-43	-44	-48											
3960	-65	-65	-67	-68	-70	-70	-70	-69	-66	4500	-50	-51	-52	-53	-53	-53	-52	-52	-51	-50											
3970	-58	-55	-51	-49	-46	-43	-40	-37	-33	4510	-51	-50	-50	-50	-50	-51	-50	-49	-48	-46											
3980	-24	-20	-17	-13	-7	-4	-1	2	5	4520	-44	-43	-41	-39	-37	-34	-32	-29	-26	-24											
3990	12	16	17	19	22	24	27	29	32	4530	-22	-20	-16	-14	-11	-8	-5	-2	0	0											
4000	36	38	40	41	41	42	42	44	46	4540	2	2	1	1	-3	-5	-6	-9	-12	-16											
4010	51	53	54	56	58	60	64	67	69	4550	-17	-19	-21	-20	-17	-14	-13	-11	-8	-4											
4020	69	68	67	66	65	64	63	61	61	4560	-2	-2	-1	0	1	1	1	1	2	2											
4030	61	61	61	61	59	56	54	52	49	4570	-8	-8	-8	-5	-1	0	2	2	2	1											
4040	44	42	40	38	35	33	30	28	27	4580	1	0	0	-1	-3	-4	-5	-6	-7	-8											
4050	25	23	23	23	23	23	23	24	25	4590	-10	-11	-12	-14	-16	-16	-16	-16	-16	-16											
4060	24	20	18	14	9	6	4	2	0	4600	-3	-3	-4	-4	-5	-5	-7	-8	-9	-12											
4070	-10	-7	-5	-4	-3	-3	-3	-4	-5	4610	-11	-11	-9	-8	-7	-7	-7	-7	-8	-9											
4080	-14	-17	-17	-16	-14	-13	-12	-11	-11	4620	-10	-11	-12	-13	-14	-16	-17	-18	-19	-19											
4090	-13	-14	-18	-24	-27	-30	-31	-32	-33	4630	-19	-19	-19	-19	-18	-17	-17	-16	-16	-16											
4100	-34	-34	-35	-35	-35	-35	-34	-33	-31	4640	-16	-16	-16	-17	-17	-20	-23	-25	-28	-31											
4110	-28	-26	-23	-19	-16	-13	-10	-7	-3	4650	-34	-36	-38	-40	-41	-43	-45	-47	-50	-51											
4120	1	5	6	8	9	11	12	14	15	4660	-54	-56	-57	-56	-54	-51	-51	-50	-49	-49											
4130	15	15	15	15	15	15	14	14	12	4670	-49	-50	-51	-51	-51	-51	-51	-51	-51	-49											
4140	15	18	20	25	29	33	36	39	41	4680	-47	-45	-43	-40	-36	-34	-32	-32	-34	-34											
4150	40	37	35	33	33	33	33	33	34	4690	-36	-37	-38	-40	-40	-38	-37	-34	-31	-31											
4160	7	5	2	0	0	0	1	2	2	4700	-31	-31	-31	-31	-31	-31	-31	-29	-27	-25											
4170	3	4	2	1	0	0	0	0	0	4710	-23	-20	-19	-17	-14	-11	-9	-7	-6	-4											
4180	7	10	12	14	14	14	16	19	21	4720	8	10	12	14	16	18	20	21	23	25											
4190	4	7	9	12	14	16	19	21	23	4730	8	10	12	14	16	18	20	21	23	25											
4200	26	27	28	30	30	31	32	34	36	4740	24	23	21	17	16	15	15	15	15	15											
4210	39	40	40	39	38	36	34	33	31	4750	14	13	12	10	8	5	2	0	-3	-7											
4220	32	33	34	35	34	33	32	31	30	4760	-13	-17	-22	-24	-25	-30	-34	-36	-34	-34											
4230	33	35	36	40	44	48	50	52	53	4770	-31	-29	-26	-25	-26	-28	-28	-32	-35	-37											
4240	54	54	53	52	52	52	52	52	52	4780	-43	-44	-45	-45	-44	-42	-41	-37	-35	-31											
4250	68	68	69	69																											

CONTINUED ( M-186 S16E )

CONTINUED ( M-186 S16E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4810	30	29	29	30	33	35	37	40	43	43
4820	43	41	39	36	30	26	23	22	22	22
4830	23	26	27	27	27	25	22	18	15	13
4840	11	9	7	7	6	7	9	10	10	12
4850	13	12	10	7	5	2	0	-1	-1	-1
4860	-2	-2	-2	-3	-4	-6	-8	-10	-13	-16
4870	-18	-24	-28	-30	-33	-37	-40	-43	-44	-47
4880	-50	-51	-53	-54	-55	-57	-58	-59	-60	-61
4890	-61	-61	-60	-60	-57	-53	-51	-48	-44	-41
4900	-38	-34	-30	-26	-25	-23	-20	-17	-15	-14
4910	-12	-10	-8	-6	-4	-2	-1	0	3	5
4920	7	9	11	13	15	17	18	19	21	22
4930	23	23	23	23	22	22	25	27	29	32
4940	35	38	39	42	44	46	48	50	52	53
4950	54	55	57	78	78	78	78	78	77	76
4960	75	77	78	79	78	73	72	71	70	67
4970	76	75	75	74	73	72	71	70	69	67
4980	65	63	62	62	62	62	62	62	64	64
4990	64	62	60	59	58	57	54	52	49	47
5000	67	65	62	61	61	60	59	58	57	56
5010	35	34	34	34	34	34	34	34	34	35
5020	34	35	34	33	31	30	29	27	26	25
5030	29	29	29	29	29	27	26	26	27	28
5040	29	30	31	34	38	41	43	47	51	52
5050	55	55	55	55	55	55	55	55	55	55
5060	55	55	56	56	58	60	61	63	64	65
5070	66	67	68	68	68	67	66	64	62	62
5080	61	58	54	51	48	45	43	40	37	34
5090	32	30	28	26	25	24	23	23	22	21
5100	19	18	16	16	15	14	13	12	9	7
5110	3	1	1	0	-2	-4	-5	-8	-11	-13
5120	-15	-17	-17	-15	-14	-13	-12	-11	-11	-11
5130	-12	-13	-15	-17	-19	-22	-23	-25	-26	-26
5140	-27	-28	-30	-32	-33	-34	-35	-36	-37	-38
5150	-39	-40	-41	-42	-42	-42	-42	-41	-41	-40
5160	-37	-35	-33	-31	-29	-26	-24	-21	-19	-17
5170	-15	-12	-10	-7	-4	-2	0	4	6	10
5180	-14	-18	-22	-27	-29	-32	-34	-37	-39	-41
5190	43	45	47	47	47	47	47	46	44	43
5200	41	39	37	35	34	33	32	31	30	30
5210	29	28	28	29	29	30	30	30	30	30
5220	30	30	29	28	26	25	24	22	20	18
5230	16	14	13	12	12	11	10	9	8	8
5240	7	6	7	6	7	8	8	9	10	10
5250	10	11	10	9	6	5	4	2	1	0
5260	-1	-2	-3	-4	-4	-4	-5	-5	-6	-7
5270	-7	-8	-10	-11	-12	-15	-17	-19	-22	-25
5280	-28	-29	-29	-31	-32	-33	-34	-35	-36	-37
5290	-38	-39	-40	-41	-43	-45	-46	-47	-47	-47
5300	-47	-46	-46	-46	-45	-43	-42	-42	-42	-43
5310	-44	-44	-44	-44	-44	-44	-44	-43	-42	-41
5320	-50	-49	-49	-47	-46	-44	-43	-43	-43	-43
5330	-47	-48	-51	-53	-55	-58	-59	-59	-59	-59
5340	-59	-59	-59	-59	-59	-57	-56	-55	-54	-51

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( M-186 STATE )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 11 )
5890	77	74	68	64	59	56	53	48	44	38	
5900	36	31	24	20	16	10	4	0	-3	-6	
5910	-11	-15	-17	-22	-26	-31	-34	-38	-44	-47	
5920	-51	-57	-61	-65	-71	-73	-75	-79	-79	-79	
5930	-79	-79	-79	-79	-79	-79	-79	-79	-79	-79	
5940	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	
5950	-75	-72	-71	-68	-65	-64	-60	-57	-54	-51	
5960	-47	-44	-42	-38	-35	-31	-27	-25	-20	-20	
5970	-18	-15	-13	-9	-7	-3	-1	1	4	5	
5980	6	9	8	16	17	18	19	20	21	21	
5990	14	15	16	17	18	19	20	21	21	21	
6000	2	3	3	2	1	0	-3	-6	-8	-11	
6010	9	6	3	1	0	-2	-6	-11	-14	-14	
6020	-17	-19	-22	-25	-26	-29	-32	-34	-36	-39	
6030	-40	-42	-44	-45	-46	-46	-45	-47	-49	-51	
6040	-53	-58	-60	-61	-61	-61	-63	-64	-64	-65	
6050	-57	-68	-68	-69	-70	-71	-71	-71	-71	-71	
6060	-70	-70	-69	-69	-67	-67	-67	-65	-64	-61	
6070	-60	-58	-57	-56	-54	-53	-52	-51	-49	-47	
6080	-46	-45	-44	-43	-42	-42	-42	-41	-41	-40	
6090	-39	-38	-37	-37	-36	-36	-36	-36	-35	-35	
6100	-35	-35	-35	-35	-35	-36	-36	-36	-39	-39	
6110	-41	-42	-44	-47	-48	-50	-52	-55	-57	-59	
6120	-61	-63	-65	-69	-71	-73	-76	-78	-80	-83	
6130	-85	-87	-90	-91	-94	-96	-99	-102	-103	-106	
6140	-109	-111	-115	-118	-119	-123	-127	-128	-130	-130	
6150	-131	-133	-135	-137	-139	-141	-142	-145	-146	-146	
6160	-146	-146	-146	-146	-144	-143	-142	-140	-137	-137	
6170	-132	-132	-129	-126	-124	-121	-117	-114	-112	-108	
6180	-105	-101	-98	-93	-89	-86	-80	-76	-73	-69	
6190	-64	-59	-55	-51	-46	-42	-37	-33	-28	-24	
6200	-20	-14	-12	-8	-6	-2	0	2	4	6	
6210	8	9	10	11	12	12	13	13	13	13	
6220	13	13	13	13	12	12	11	10	9	8	
6230	6	4	3	2	2	1	0	0	0	0	
6240	-3	-4	-5	-6	-8	-9	-10	-12	-14	-16	
6250	-18	-20	-21	-22	-23	-25	-26	-26	-26	-26	
6260	-27	-27	-27	-27	-27	-26	-26	-23	-21	-21	
6270	-19	-17	-17	-17	-16	-16	-17	-17	-17	-17	
6280	-17	-17	-17	-16	-15	-14	-14	-13	-13	-12	
6290	-12	-12	-11	-10	-9	-9	-8	-7	-6	-5	
6300	-3	-2	0	0	1	2	4	5	5	6	
6310	7	7	7	7	7	8	9	10	12	12	
6320	13	16	16	17	19	21	22	25	26	27	
6330	29	30	32	34	35	37	39	39	41	42	
6340	42	43	43	44	44	44	45	45	45	45	
6350	45	45	45	45	45	45	46	46	46	46	
6360	46	47	46	45	45	45	44	44	42	40	
6370	36	37	35	33	32	30	29	29	29	31	
6380	32	33	35	36	36	36	39	41	43	45	
6390	47	51	54	56	58	59	62	64	67	68	
6400	69	70	71	72	72	72	73	73	73	73	
6410	75	76	77	79	81	84	86	88	91	93	
6420	96	99	102	104	107	109	111	115	115	117	

TO BE CONTINUED

TO BE CONTINUED



CONTINUED ( M-186 S16E )												CONTINUED ( M-186 S16E )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )		
6970	38	38	38	38	38	38	38	38	38	38	7510	52	51	51	51	51	51	50	50	49	48		
6980	38	38	38	38	38	38	38	38	38	38	7520	47	45	43	42	41	39	37	37	35	33		
6990	38	38	38	38	38	38	38	38	38	38	7530	31	30	29	28	26	24	22	20	18	16		
7000	39	39	39	39	39	39	39	39	39	39	7540	15	13	11	9	6	4	2	2	1	0		
7010	40	40	40	40	40	40	40	40	40	40	7550	-1	-2	-3	-5	-6	-7	-8	-9	-10	-11		
7020	43	43	43	43	43	43	43	43	43	43	7560	-12	-13	-14	-15	-15	-15	-14	-14	-14	-14		
7030	43	43	43	43	43	43	43	43	43	43	7570	-11	-13	-12	-11	-11	-9	-9	-8	-7	-8		
7040	42	42	43	43	44	44	45	47	48	49	7580	-7	-8	-8	-8	-8	-8	-7	-8	-7	-8		
7050	50	51	52	53	55	56	56	58	59	60	7590	-7	-6	-6	-5	-4	-4	-3	-2	-2	-1		
7060	61	62	64	65	66	67	68	69	70	71	7600	0	0	0	1	1	1	1	1	1	1		
7070	72	73	74	75	75	75	76	76	76	76	7610	9	11	13	14	14	15	17	19	20	23		
7080	76	76	76	76	76	76	76	76	76	76	7620	25	27	29	31	32	33	33	36	37	37		
7090	70	69	67	67	66	65	64	62	60	58	7630	37	38	38	38	38	38	38	37	37	36		
7100	57	55	53	51	49	48	47	46	45	44	7640	36	35	34	33	33	32	32	31	31	32		
7110	44	43	42	40	40	37	33	30	27	24	7650	31	31	31	31	31	31	31	31	31	32		
7120	24	22	20	17	15	12	11	8	5	3	7660	32	33	34	35	35	36	37	37	38	38		
7130	1	0	-2	-4	-5	-7	-8	-10	-11	-12	7670	39	40	40	40	40	41	41	41	41	41		
7140	-14	-16	-17	-18	-20	-22	-24	-26	-27	-28	7680	41	41	41	41	42	42	42	42	42	42		
7150	-30	-32	-34	-35	-37	-39	-41	-43	-45	-46	7690	42	42	42	42	42	42	42	41	41	41		
7160	-47	-50	-52	-54	-55	-57	-59	-60	-62	-63	7700	41	41	40	40	40	39	38	38	37	36		
7170	-62	-63	-63	-63	-63	-63	-63	-63	-63	-63	7710	36	36	35	34	35	34	34	34	33	33		
7180	-63	-63	-62	-61	-60	-59	-58	-56	-55	-53	7720	33	32	32	32	31	31	30	30	29	29		
7190	-52	-50	-48	-46	-44	-42	-41	-40	-38	-35	7730	28	27	27	26	25	25	23	22	21	19		
7200	-32	-29	-28	-26	-24	-23	-20	-19	-18	-15	7740	17	16	14	12	11	9	7	5	4	2		
7210	-16	-16	-16	-16	-15	-15	-15	-15	-15	-15	7750	1	-1	-1	-2	-4	-6	-6	-6	-9	-10		
7220	-15	-15	-16	-16	-16	-16	-16	-16	-16	-16	7760	-11	-12	-13	-14	-15	-16	-17	-17	-20	-20		
7230	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	7770	-20	-22	-23	-24	-25	-26	-28	-28	-30	-30		
7240	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	7780	-32	-32	-33	-34	-35	-36	-37	-37	-38	-38		
7250	-19	-19	-19	-19	-19	-20	-20	-20	-20	-20	7790	-39	-40	-41	-42	-44	-45	-48	-48	-50	-50		
7260	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	7800	-49	-49	-49	-50	-51	-52	-53	-53	-55	-55		
7270	-17	-18	-19	-20	-21	-23	-24	-25	-25	-25	7810	-52	-52	-51	-50	-49	-49	-47	-46	-45	-42		
7280	-26	-27	-28	-29	-30	-31	-32	-33	-33	-34	7820	-43	-43	-43	-43	-43	-43	-43	-42	-42	-41		
7290	-34	-35	-35	-35	-35	-35	-35	-35	-35	-35	7830	-40	-40	-40	-40	-40	-40	-40	-40	-39	-39		
7300	-35	-35	-35	-34	-34	-34	-34	-34	-34	-34	7840	-39	-38	-38	-38	-37	-37	-37	-37	-37	-37		
7310	-31	-31	-30	-29	-28	-27	-26	-25	-23	-23	7850	-37	-37	-38	-38	-39	-39	-39	-39	-40	-40		
7320	-22	-21	-20	-19	-18	-17	-16	-15	-15	-14	7860	-41	-42	-41	-41	-42	-41	-42	-43	-43	-43		
7330	-19	-19	-19	-19	-18	-17	-16	-15	-14	-14	7870	-43	-44	-44	-44	-44	-44	-44	-44	-44	-44		
7340	-12	-10	-8	-8	-7	-6	-6	-6	-6	-6	7880	-45	-45	-45	-45	-45	-46	-46	-47	-48	-49		
7350	-6	-6	-6	-7	-7	-7	-8	-8	-9	-10	7890	-50	-50	-50	-50	-50	-50	-50	-50	-49	-49		
7360	-12	-13	-14	-14	-15	-15	-16	-16	-17	-18	7900	-48	-46	-45	-43	-42	-40	-39	-38	-37	-36		
7370	-20	-21	-21	-22	-24	-25	-26	-27	-28	-28	7910	-35	-35	-34	-34	-34	-33	-33	-33	-31	-30		
7380	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	7920	-29	-29	-28	-27	-27	-26	-24	-23	-22	-20		
7390	-29	-28	-27	-27	-26	-24	-24	-24	-24	-23	7930	-19	-17	-16	-15	-13	-11	-10	-8	-7	-5		
7400	-23	-23	-23	-23	-23	-22	-21	-20	-19	-19	7940	-13	-12	-11	-10	-10	-9	-8	-7	-7	-9		
7410	-17	-16	-15	-13	-13	-12	-12	-12	-12	-12	7950	10	11	13	15	16	16	19	21	24	26		
7420	-12	-12	-12	-12	-12	-13	-13	-13	-14	-14	7960	27	29	31	34	35	37	39	41	42	43		
7430	-15	-15	-15	-16	-16	-16	-16	-16	-16	-16	7970	45	46	47	48	49	50	50	51	51	51		
7440	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	7980	51	51	51	50	50	50	50	49	49	49		
7450	-11	-10	-9	-8	-7	-6	-5	-3	-2	-2	7990	48	48	48	47	47	46	45	44	42	41		
7460	-1	0	0	1	2	4	5	6	7	8	8000	39	37	36	34	32	29	29	27	25	23		
7470	9	10	11	14	15	16	18	19	21	22	8010	21	20	19	17	15	14	12	11	9	7		
7480	24	26	28	30	31	33	35	36	37	39	8020	6	6	6	4	3	1	0	-1	-2	-3		
7490	41	43	44	45	46	47	48	49	50	51	8030	-4	-5	-7	-8	-8	-9	-10	-11	-12	-13		
7500	51	52	52	52	52	52	52	52	52	52	8040	-14	-14	-15	-16	-16	-16	-17	-17	-17	-17		

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( M-186 )										CONTINUED ( M-186 )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8050	-17	-17	-17	-17	-17	-17	-17	-18	-18	-17	8050	21	21	20	20	20	19	19	19	19	18
8060	-17	-16	-15	-14	-14	-14	-13	-12	-11	-9	8600	12	18	17	17	16	16	15	14	13	13
8070	-8	-7	-5	-4	-3	-2	-1	0	1	3	8610	18	11	10	9	8	7	6	5	4	4
8080	4	5	7	8	9	10	11	13	14	15	8620	0	2	2	1	0	0	0	0	0	0
8090	15	16	17	19	20	20	21	22	23	24	8630	0	0	0	0	0	0	0	0	0	0
8100	24	24	25	25	25	26	26	26	26	27	8640	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8110	28	28	28	28	28	28	28	28	28	28	8650	-1	0	0	0	0	0	0	0	0	0
8120	28	28	28	28	28	28	28	27	27	27	8660	1	1	1	1	2	2	2	3	3	4
8130	27	26	26	25	24	23	22	22	21	9	8670	6	7	8	8	8	9	9	7	7	9
8140	20	18	17	16	15	13	12	11	10	9	8680	9	10	10	10	10	10	10	10	10	10
8150	8	6	5	4	3	2	2	1	1	0	8700	10	7	6	5	4	3	2	1	0	0
8160	0	0	-1	-1	-1	-2	-2	-2	-2	-2	8710	-1	-2	-2	-3	-4	-4	-5	-7	-8	-10
8170	-2	-1	-1	-1	-1	-1	0	0	1	2	8720	-10	-11	-12	-13	-14	-15	-16	-17	-18	-18
8180	2	3	4	5	5	6	7	7	6	7	8730	-19	-20	-21	-22	-23	-24	-25	-25	-25	-25
8190	10	10	11	11	12	13	13	14	14	14	8740	-27	-28	-28	-29	-30	-30	-30	-31	-31	-31
8200	14	14	14	14	15	15	15	15	15	15	8750	-31	-31	-32	-32	-32	-32	-32	-32	-32	-32
8210	15	15	15	15	15	15	15	14	14	14	8760	-31	-31	-32	-32	-31	-31	-31	-30	-30	-30
8220	13	13	12	11	11	10	9	8	7	6	8770	-30	-30	-29	-29	-28	-28	-28	-28	-28	-28
8230	6	4	4	4	3	3	2	2	2	2	8780	-28	-28	-28	-28	-29	-29	-29	-30	-30	-30
8240	2	1	1	1	1	1	1	0	0	0	8790	-31	-32	-32	-33	-34	-35	-35	-35	-35	-34
8250	0	0	0	-1	0	-1	-2	-2	-2	-3	8800	-31	-32	-32	-33	-34	-35	-35	-35	-35	-34
8260	-4	-4	-5	-5	-6	-6	-7	-8	-9	-10	8810	-37	-37	-37	-37	-36	-36	-35	-35	-35	-35
8270	-10	-11	-12	-13	-14	-15	-16	-17	-18	-18	8820	-35	-34	-34	-34	-33	-32	-31	-30	-30	-30
8280	-19	-20	-21	-22	-22	-23	-23	-24	-24	-24	8830	-35	-34	-34	-34	-33	-32	-31	-30	-30	-30
8290	-24	-25	-25	-25	-25	-25	-25	-25	-25	-25	8840	-22	-22	-22	-21	-20	-19	-18	-17	-17	-17
8300	-24	-24	-24	-23	-23	-23	-22	-21	-20	-19	8850	-14	-13	-12	-11	-10	-9	-8	-7	-7	-7
8310	-18	-17	-16	-15	-14	-14	-12	-11	-10	-9	8860	-6	-6	-5	-4	-3	-2	-1	0	0	0
8320	-8	-7	-5	-4	-3	-2	-2	0	0	2	8870	-1	0	0	0	0	0	0	0	0	0
8330	3	3	4	4	4	5	5	5	5	5	8880	0	0	0	0	0	0	0	0	0	0
8340	5	4	4	4	3	2	2	2	1	0	8890	0	0	0	0	0	0	0	0	0	0
8350	-1	-2	-3	-4	-5	-6	-6	-6	-6	-6	8900	0	0	0	-1	-1	-1	-1	-1	-1	-1
8360	-12	-14	-15	-16	-17	-17	-18	-19	-20	-21	8910	-1	-2	-2	-2	-2	-3	-3	-3	-3	-3
8370	-21	-22	-23	-23	-24	-24	-24	-24	-24	-24	8920	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8380	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	8930	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8390	-24	-24	-24	-23	-22	-22	-21	-20	-19	-18	8940	-3	-3	-3	-3	-2	-2	-2	-2	-2	-2
8400	-16	-14	-13	-10	-9	-7	-5	-4	-2	0	8950	0	0	1	2	2	4	4	5	5	6
8410	1	2	3	5	7	8	9	11	12	14	8960	7	8	10	11	12	12	14	15	15	15
8420	15	16	17	19	20	20	21	22	23	24	8970	17	17	18	19	19	20	20	21	22	23
8430	25	26	27	28	28	29	29	30	30	31	8980	23	24	25	25	26	27	28	28	28	29
8440	32	31	32	32	32	32	32	32	32	32	8990	29	29	29	29	29	29	29	29	29	29
8450	32	32	32	32	32	31	30	29	29	28	9000	28	28	27	26	25	24	24	24	24	24
8460	27	26	25	23	22	21	20	19	18	16	9010	21	19	17	16	15	14	14	14	12	11
8470	15	15	13	12	11	10	9	7	6	6	9020	10	10	9	9	8	7	7	7	6	6
8480	4	4	4	2	1	0	-1	-2	-3	-3	9030	6	5	5	5	4	3	3	2	2	2
8490	-5	-5	-6	-7	-8	-9	-9	-10	-10	-11	9040	1	0	0	0	0	-1	-2	-2	-2	-2
8500	-11	-11	-12	-13	-13	-13	-13	-13	-13	-13	9050	-2	-1	-1	0	0	0	1	1	2	3
8510	-13	-13	-13	-14	-14	-14	-14	-14	-14	-14	9060	4	4	4	4	4	4	4	4	4	4
8520	-14	-14	-14	-14	-14	-14	-13	-13	-13	-12	9070	14	15	15	16	17	18	19	20	20	21
8530	-11	-10	-8	-8	-6	-5	-5	-4	-4	-4	9080	22	23	23	24	24	25	26	27	28	28
8540	2	3	4	6	7	8	9	11	12	13	9090	27	30	31	31	32	32	32	33	33	33
8550	13	15	15	16	17	18	19	20	21	22	9100	33	33	33	33	34	34	34	34	34	34
8560	23	23	24	25	25	26	27	27	27	27	9110	34	34	34	34	34	34	34	34	34	34
8570	27	27	27	27	27	27	26	26	25	25	9120	34	34	33	33	33	32	32	31	30	29
8580	24	24	24	24	23	23	23	23	22	21											

TO BE CONTINUED

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CONTINUED ( M-186 S16E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
9130	29	28	27	26	25	24	23	23	23	22
9140	22	21	20	19	19	19	18	17	16	16
9150	17	16	15	15	15	15	15	15	15	15
9160	15	15	15	15	15	15	15	15	15	15
9170	17	17	18	17	18	19	19	19	19	19
9180	19	19	19	18	18	17	17	16	15	15
9190	15	16	15	14	14	14	14	13	13	13
9200	13	13	13	13	13	13	13	12	12	12
9210	12	11	11	11	10	10	9	9	8	8
9220	7	7	7	6	6	5	4	3	3	3
9230	2	1	1	0	0	0	-1	-2	-3	-3
9240	-3	-4	-5	-5	-5	-6	-7	-8	-8	-8
9250	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
9260	-9	-10	-10	-10	-11	-11	-11	-12	-13	-13
9270	-13	-14	-14	-15	-15	-16	-16	-17	-18	-18
9280	-18	-19	-20	-21	-21	-22	-23	-23	-24	-24
9290	-24	-25	-26	-27	-27	-28	-29	-30	-30	-30
9300	-31	-31	-31	-32	-32	-33	-33	-34	-34	-34
9310	-34	-35	-35	-35	-36	-36	-36	-36	-36	-36
9320	-36	-36	-36	-36	-36	-36	-36	-35	-35	-35
9330	-34	-34	-33	-32	-31	-30	-29	-28	-27	-27
9340	-25	-24	-23	-22	-20	-19	-17	-15	-13	-13
9350	-11	-10	-9	-8	-5	-4	-3	-2	-1	0
9360	0	1	1	2	2	2	3	3	3	3
9370	4	4	4	4	4	4	4	4	4	4
9380	4	4	4	3	2	2	2	2	1	1
9390	0	0	0	0	-1	-1	-2	-3	-3	-3
9400	-4	-5	-6	-7	-8	-9	-10	-10	-11	-11
9410	-12	-13	-14	-14	-15	-16	-17	-18	-19	-19
9420	-20	-21	-21	-22	-23	-23	-24	-25	-26	-26
9430	-27	-28	-28	-28	-28	-29	-29	-29	-29	-29
9440	-30	-30	-30	-30	-30	-30	-29	-28	-27	-27
9450	-27	-26	-25	-24	-23	-23	-22	-21	-19	-18
9460	-17	-16	-15	-14	-14	-13	-12	-11	-10	-9
9470	-8	-7	-6	-5	-5	-4	-2	-1	0	0
9480	1	2	2	3	3	4	5	6	7	7
9490	8	9	10	10	10	11	12	12	13	13
9500	13	13	13	13	13	13	13	13	13	13
9510	13	13	13	13	13	13	12	12	12	12
9520	11	11	11	10	10	10	9	8	8	8
9530	7	7	6	5	4	3	2	1	0	0
9540	0	-2	-4	-5	-6	-7	-9	-10	-11	-13
9550	-14	-15	-16	-17	-18	-20	-21	-22	-23	-23
9560	-25	-25	-26	-27	-27	-28	-28	-28	-28	-28
9570	-28	-27	-27	-26	-25	-24	-23	-22	-21	-20
9580	-18	-18	-16	-15	-13	-11	-10	-9	-8	-6
9590	-5	-3	-1	0	1	2	3	6	7	8
9600	10	11	13	14	16	17	18	19	21	22
9610	23	25	29	27	27	28	31	32	33	34
9620	35	36	37	37	37	38	39	40	40	40
9630	40	41	41	41	41	41	41	41	41	41
9640	41	41	41	41	41	41	40	40	39	39
9650	39	38	37	36	35	34	33	32	31	30
9660	29	28	27	26	24	23	22	20	19	18

TO BE CONTINUED

CONTINUED ( M-186 S16E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
9670	17	15	14	12	11	10	9	7	6	5
9680	4	2	1	1	0	-1	-2	-3	-4	-5
9690	-6	-6	-7	-9	-10	-11	-13	-14	-14	-15
9700	-15	-16	-17	-17	-17	-17	-17	-17	-17	-17
9710	-17	-17	-17	-17	-16	-16	-16	-15	-15	-15
9720	-13	-12	-11	-10	-10	-9	-7	-6	-5	-5
9730	-4	-2	-1	-1	0	0	1	2	2	3
9740	4	6	6	7	8	9	9	9	9	9
9750	9	9	9	9	9	9	9	9	9	9
9760	9	9	9	9	9	9	9	9	9	9
9770	8	7	7	6	5	4	2	2	1	0
9780	0	-1	-2	-3	-4	-4	-5	-6	-7	-7
9790	-8	-9	-10	-11	-11	-12	-13	-14	-14	-15
9800	-16	-17	-17	-18	-18	-19	-19	-20	-21	-21
9810	-22	-22	-23	-23	-23	-23	-23	-23	-23	-23
9820	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
9830	-23	-23	-23	-23	-23	-22	-21	-21	-21	-20
9840	-20	-19	-18	-18	-17	-16	-15	-14	-13	-13
9850	-12	-11	-10	-9	-8	-7	-6	-5	-4	-4
9860	-3	-2	-2	-2	-1	0	0	1	2	2
9870	3	3	4	5	5	6	6	7	7	8
9880	8	9	9	9	9	9	9	9	9	9
9890	9	9	9	9	9	9	9	9	9	9
9900	9	9	9	9	9	9	8	8	8	8
9910	8	8	8	7	7	6	6	5	5	4
9920	3	3	3	2	1	1	1	0	0	-1
9930	-1	-1	-2	-2	-2	-3	-3	-3	-3	-3
9940	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
9950	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
9960	-1	0	0	0	1	2	3	5	6	7
9970	7	8	9	10	11	13	14	15	16	17
9980	18	19	20	20	21	22	23	24	25	26
9990	27	28	28	30	31	32	34	35	36	36
10000	37	37	37	38	39	39	39	39	39	38
10010	38	37	37	36	35	34	33	31	31	29
10020	28	27	26	24	23	22	21	20	18	17
10030	16	15	13	12	11	10	9	8	6	5
10040	3	2	1	0	0	-1	-2	-3	-4	-5
10050	-5	-5	-6	-7	-8	-8	-9	-9	-10	-10
10060	-11	-11	-12	-12	-13	-13	-13	-13	-13	-13
10070	-11	-11	-11	-11	-11	-11	-10	-10	-10	-10
10080	-9	-9	-9	-8	-8	-8	-7	-7	-7	-7
10090	-6	-6	-6	-6	-5	-5	-4	-4	-3	-2
10100	-2	-2	-2	-1	-1	0	0	0	0	0
10110	0	0	0	0	0	0	0	0	0	0
10120	0	0	0	0	-1	-2	-3	-4	-5	-5
10130	-6	-7	-8	-9	-10	-12	-13	-14	-14	-15
10140	-17	-18	-19	-20	-21	-23	-24	-25	-26	-27
10150	-28	-28	-29	-30	-31	-32	-33	-34	-34	-34
10160	-35	-35	-36	-36	-36	-36	-36	-36	-36	-36
10170	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
10180	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
10190	-37	-37	-36	-35	-35	-35	-35	-35	-35	-35
10200	-24	-22	-20	-18	-15	-13	-10	-9	-8	-8

TO BE CONTINUED

CONTINUED( M-186 S16E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
10210	-2	0	2	4	5	8	10	12	14	15
10220	17	19	20	23	24	25	26	27	28	28
10230	31	32	33	34	35	36	37	37	37	36
10240	36	36	36	39	39	39	39	39	39	39
10250	39	39	39	39	39	39	39	39	39	38
10260	37	37	37	36	36	36	35	35	34	33
10270	32	32	32	29	28	27	26	24	23	22
10280	20	19	18	16	15	14	12	11	10	9
10290	7	5	5	3	2	1	0	0	0	0
10300	-3	-5	-6	-6	-7	-8	-9	-10	-11	-11
10310	-11	-11	-13	-12	-13	-12	-12	-13	-13	-13
10320	-13	-13	-13	-13	-12	-12	-12	-11	-10	-10
10330	-10	-9	-7	-8	-8	-7	-6	-6	-5	-5
10340	-4	-3	-2	-2	-2	-1	-1	-1	0	0
10350	0	1	0	1	2	2	4	4	4	4
10360	3	3	3	3	4	4	4	4	4	4
10370	4	4	4	4	4	4	4	4	4	4
10380	4	4	4	3	3	2	1	1	0	0
10390	0	-2	-2	-2	-3	-4	-5	-5	-6	-7
10400	-8	-9	-10	-10	-11	-11	-12	-14	-14	-15
10410	-17	-18	-19	-19	-20	-20	-21	-22	-24	-25
10420	-26	-27	-28	-29	-29	-30	-31	-32	-33	-33
10430	-34	-35	-35	-36	-36	-36	-37	-37	-38	-38
10440	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38
10450	-38	-37	-37	-37	-36	-36	-36	-35	-34	-34
10460	-33	-33	-32	-31	-30	-29	-28	-27	-26	-26
10470	-25	-24	-23	-22	-21	-19	-18	-17	-16	-15
10480	-14	-14	-12	-11	-10	-9	-8	-7	-6	-5
10490	-4	-2	-1	0	1	1	1	1	1	1
10500	6	7	8	10	11	12	13	14	14	15
10510	16	17	18	19	20	21	22	23	23	24
10520	24	25	26	27	28	28	29	30	30	31
10530	32	31	32	33	33	33	34	34	34	34
10540	34	34	34	34	34	34	35	35	35	35
10550	35	35	35	35	35	35	35	35	34	34
10560	34	34	33	33	33	32	32	31	30	30
10570	29	29	28	26	25	24	23	22	21	19
10580	18	17	16	15	14	13	12	11	10	9
10590	8	7	6	5	4	3	2	1	1	0
10600	0	-1	-2	-4	-5	-6	-7	-8	-10	-10
10610	-11	-13	-13	-14	-16	-17	-17	-18	-18	-19
10620	-19	-19	-19	-19	-19	-19	-19	-19	-18	-18
10630	-18	-17	-17	-16	-15	-15	-14	-13	-12	-11
10640	-10	-9	-8	-7	-6	-5	-3	-2	-1	0
10650	0	1	1	1	1	1	1	1	1	1
10660	10	11	13	13	14	15	16	17	19	19
10670	14	20	24	24	24	24	25	25	25	24
10680	24	24	24	24	24	24	25	25	25	25
10690	25	25	25	25	25	25	25	25	25	25
10700	25	25	25	25	25	25	25	25	24	24
10710	25	25	25	25	25	25	25	25	24	24
10720	24	23	23	23	23	22	22	21	21	20
10730	20	20	19	19	19	18	18	17	17	17
10740	16	15	15	14	14	14	13	13	13	12

TO BE CONTINUED

CONTINUED( M-186 S16E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
10750	12	11	11	11	11	10	10	10	10	9
10760	9	9	8	8	8	7	7	7	7	6
10770	6	6	6	5	5	5	4	4	4	3
10780	3	2	2	1	2	1	0	0	0	0
10790	-1	-1	-2	-2	-3	-3	-3	-3	-4	-4
10800	-5	-5	-6	-6	-7	-7	-8	-9	-9	-10
10810	-10	-11	-11	-12	-12	-13	-14	-14	-15	-15
10820	-15	-17	-17	-17	-18	-19	-19	-20	-20	-20
10830	-21	-21	-22	-22	-23	-23	-23	-24	-24	-24
10840	-24	-24	-24	-24	-25	-25	-25	-25	-25	-25
10850	-24	-24	-24	-23	-23	-23	-22	-22	-21	-21
10860	-21	-21	-20	-20	-19	-19	-19	-18	-18	-18
10870	-16	-17	-17	-17	-16	-16	-16	-16	-16	-16
10880	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
10890	-16	-16	-16	-16	-16	-16	-17	-17	-17	-17
10900	-17	-18	-18	-18	-18	-18	-19	-19	-19	-19
10910	-20	-20	-20	-20	-21	-21	-21	-21	-21	-21
10920	-22	-22	-22	-22	-23	-23	-23	-23	-23	-23
10930	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
10940	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
10950	-19	-18	-17	-16	-15	-15	-14	-13	-11	-10
10960	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1
10970	0	1	2	3	3	5	6	8	9	10
10980	13	14	15	16	18	20	21	22	22	23
10990	24	24	25	26	26	26	27	27	27	28
11000	27	27	27	27	27	27	27	27	28	28
11010	28	28	28	28	28	28	28	27	27	27
11020	27	27	27	26	26	26	25	25	24	24
11030	23	23	22	22	21	21	20	20	19	19
11040	18	18	17	17	16	15	14	14	13	13
11050	12	12	10	10	9	8	7	6	5	5
11060	5	3	3	2	1	1	0	0	-1	-2
11070	-3	-4	-5	-5	-6	-6	-7	-8	-9	-10
11080	-10	-10	-11	-12	-12	-13	-14	-15	-15	-15
11090	-16	-17	-17	-18	-18	-19	-19	-20	-21	-21
11100	-21	-22	-22	-23	-23	-23	-24	-24	-24	-24
11110	-25	-25	-25	-25	-26	-26	-26	-26	-26	-26
11120	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28
11130	-28	-28	-28	-28	-27	-26	-26	-26	-26	-26
11140	-26	-25	-25	-25	-24	-24	-23	-23	-22	-22
11150	-21	-20	-19	-18	-18	-17	-16	-15	-14	-13
11160	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3
11170	-2	-1	0	0	1	2	3	3	3	3
11180	5	6	7	8	8	9	10	10	10	11
11190	11	11	12	12	12	12	13	13	13	13
11200	13	13	13	14	14	14	14	14	14	14
11210	14	14	14	14	14	14	14	14	14	14
11220	14	14	14	14	14	14	14	14	14	14
11230	14	14	14	14	14	14	14	14	14	14
11240	14	14	14	14	14	14	14	14	14	14
11250	13	13	13	13	13	13	13	13	13	13
11260	13	13	13	13	13	13	13	13	13	13
11270	13	13	13	13	13	13	13	13	13	13
11280	13	13	13	13	13	13	13	13	13	13

TO BE CONTINUED

RECORD = M-186 COMPONENT = W16S STATION = KAWASAKI-CHI-M  
 DATE AND TIME = 1978-01-14-12-24 TOTAL NUMBER OF DATA = 11700  
 SIGNAL = GR.ACC. SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 CONNECTION POINT IN DATA NUMBER= 3924, 7813,11700,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
11290	13	13	13	13	13	13	12	12	12	11
11300	11	11	10	10	9	9	9	8	8	7
11310	7	6	6	6	5	5	4	4	4	3
11320	2	1	1	0	0	0	0	-1	-1	-1
11330	-1	-1	-1	-1	-1	-1	-2	-2	-2	-2
11340	-2	-2	-2	-2	-2	-2	-2	-1	0	0
11350	-1	-1	-1	-1	-1	-1	-1	0	0	0
11360	0	0	0	0	1	0	0	0	1	2
11370	2	1	2	3	3	4	4	5	5	5
11380	6	6	7	7	7	8	8	9	9	9
11390	9	9	9	10	10	10	10	10	10	10
11400	10	10	10	10	10	10	10	10	10	10
11410	10	10	10	10	10	10	10	10	10	10
11420	10	10	10	10	9	9	9	9	9	9
11430	9	8	8	8	8	8	8	7	7	7
11440	6	6	6	6	5	5	4	4	4	4
11450	3	2	2	2	2	2	1	2	1	2
11460	1	2	2	2	2	2	2	2	2	2
11470	2	2	2	2	2	2	2	2	2	2
11480	2	1	2	1	2	1	0	0	0	0
11490	0	0	0	0	0	0	-1	-1	-1	-1
11500	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11510	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11520	-1	-1	-1	-2	-2	-2	-2	-2	-2	-2
11530	-4	-4	-4	-5	-5	-6	-6	-6	-6	-6
11540	-7	-7	-7	-7	-7	-8	-8	-8	-8	-8
11550	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
11560	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
11570	-11	-11	-12	-12	-13	-13	-13	-13	-13	-13
11580	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
11590	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
11600	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
11610	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
11620	-12	-13	-12	-13	-12	-11	-11	-12	-11	-10
11630	-10	-10	-10	-10	-9	-9	-9	-9	-9	-9
11640	-8	-8	-8	-8	-7	-7	-7	-6	-6	-6
11650	-6	-6	-6	-6	-6	-5	-5	-5	-5	-5
11660	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4
11670	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
11680	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
11690	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4

END

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	-12	-18	-17	-17	-14	-12	-10	-12	-14	-18
10	-21	-24	-17	-17	-11	-13	-19	-28	-33	-41
20	-47	-54	-59	-64	-43	-28	-8	4	10	17
30	16	15	11	3	5	15	23	30	33	38
40	44	49	54	55	48	41	34	22	16	5
50	-18	-34	-39	-42	-54	-59	-49	-37	-29	-27
60	-21	-7	23	44	70	75	73	58	36	27
70	4	-12	-35	-48	-66	-81	-28	18	78	89
80	11	125	124	122	113	103	97	73	63	52
90	32	37	9	4	-8	6	16	37	66	83
100	97	108	114	112	111	102	85	54	33	23
110	5	-5	-15	-15	-13	-10	-5	-3	0	0
120	1	3	3	-4	-23	-42	-82	-102	-114	-123
130	-129	-141	-126	-94	-56	3	23	37	51	55
140	45	34	22	10	-10	-29	-40	-53	-69	-77
150	-85	-89	-92	-74	-45	-18	-11	-20	-40	-57
160	-68	-113	-123	-129	-114	-83	-68	-25	21	84
170	115	139	150	151	112	78	62	39	14	14
180	1	-8	-19	-28	-33	-46	-56	-38	-27	-20
190	19	55	62	59	58	46	22	0	-74	-100
200	-124	-133	-119	-88	-35	16	61	83	101	109
210	100	90	76	54	7	-38	-56	-61	-27	20
220	68	80	93	119	139	130	115	92	59	32
230	4	-12	-36	-29	4	36	104	114	148	151
240	138	107	77	60	39	25	4	-19	-48	-65
250	-70	-63	-64	-29	34	79	99	120	138	144
260	164	119	85	69	38	11	6	-56	-79	-84
270	-90	-81	-33	10	35	31	29	23	19	16
280	12	8	8	13	27	51	69	76	88	86
290	62	47	22	3	-26	-39	-53	-64	-80	-99
300	-134	-154	-134	-124	-119	-106	-76	-52	-24	4
310	26	37	42	47	57	61	64	68	61	52
320	36	19	9	0	-12	-18	-37	-42	-32	-26
330	-23	-37	-57	-66	-69	-69	-66	-50	-37	-22
340	-11	0	16	25	30	34	31	23	15	11
350	0	-10	-22	-26	-31	-34	-38	-43	-45	-40
360	-32	-26	-21	-17	-12	-6	-2	2	7	8
370	6	4	2	0	-2	0	3	6	11	11
380	17	24	28	31	33	36	39	42	44	49
390	55	61	72	76	83	88	96	109	111	113
400	110	110	102	84	58	20	8	-23	-63	-59
410	-75	-85	-95	-108	-119	-129	-140	-139	-125	-116
420	-104	-91	-74	-28	-10	-7	-3	-9	-7	-3
430	1	7	12	21	23	26	28	41	54	108
440	156	164	162	145	136	128	120	103	75	41
450	-61	-146	-154	-167	-204	-235	-262	-276	-282	-288
460	-288	-287	-261	-235	-227	-195	-120	-105	-34	54
470	77	149	196	231	237	238	229	212	196	180
480	166	149	119	89	82	71	59	53	42	32

TO BE CONTINUED

CONTINUED ( M-186 )										CONTINUED ( M-186 )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	20	-2	-17	-31	-47	-62	-73	-85	-63	-43	1030	99	103	103	98	92	82	67	51	45	45
500	-2A	-13	9	25	31	18	-7	-25	-34	-46	1040	44	44	42	42	38	34	22	19	34	46
510	60	-91	-102	-110	-129	-122	-101	-33	-29	42	1050	65	76	90	99	86	68	51	30	-8	-27
520	134	295	330	394	434	409	387	368	332	47	1060	-43	-58	-73	-85	-93	-97	-91	-75	-65	-51
530	242	243	127	-27	-46	-89	-127	-147	-158	-166	1070	-37	-53	-77	-89	-99	-107	-113	-117	-115	-98
540	-174	-180	-181	-180	-169	-149	-136	-132	-102	-35	1080	1080	-74	-68	-63	-54	-45	-41	-24	30	59
550	-3	61	82	49	13	-14	-45	-64	-82	-103	1090	78	105	146	193	196	176	165	108	56	29
560	266	293	387	267	225	-3	-79	-134	-182	-183	1100	-5	-29	-47	-66	-91	-135	-143	-144	-127	-107
570	266	293	387	267	225	-3	-79	-134	-182	-183	1110	-5	-29	-47	-66	-91	-135	-143	-144	-127	-107
580	-310	-245	-317	-364	-356	-346	-340	-210	-113	-94	1120	-87	-101	-117	-131	-145	-137	-116	-93	-73	-64
590	-34	18	50	73	83	84	37	26	11	1	1130	-87	-101	-117	-131	-145	-137	-116	-93	-73	-64
600	-10	-14	-24	8	51	70	81	86	52	21	1140	42	56	45	65	37	16	5	3	-28	-45
610	-12	-18	-31	-46	-62	-75	-97	-87	-97	-104	1150	63	77	95	103	95	83	71	56	47	36
620	-112	-119	-123	-131	-137	-141	-97	-71	31	66	1160	104	112	114	105	95	83	71	56	47	36
630	84	159	224	262	313	328	312	277	248	229	1170	21	33	83	101	115	128	138	154	163	144
640	209	177	121	96	61	42	15	-14	-42	83	1180	130	116	100	91	72	54	38	22	0	-15
650	-36	-26	0	73	111	146	177	201	199	180	1190	-27	-45	-53	-60	-66	-74	-82	-90	-95	-97
660	162	105	72	45	52	76	100	121	140	162	1200	-95	-88	-81	-70	-60	-50	-39	-22	-6	3
670	200	218	213	205	158	121	111	97	82	38	1210	14	28	40	46	50	54	55	54	50	45
680	17	-33	-149	-148	-159	-163	-172	-162	-135	-105	1220	40	35	31	32	41	46	53	56	60	44
690	-87	-82	-78	-70	-65	-49	-38	-27	-16	10	1230	28	8	-17	-27	-46	-69	-84	-100	-90	-71
700	46	59	73	71	63	52	37	30	10	-10	1240	-59	-47	-38	-22	-11	-2	0	-5	-10	-13
710	-14	-21	-28	-35	-40	-45	-59	-101	-131	-151	1250	-19	-28	-34	-40	-49	-57	-63	-74	-81	-90
720	-166	-191	-223	-251	-271	-310	-296	-275	-255	-231	1260	-91	-82	-74	-73	-76	-81	-84	-86	-88	-84
730	-138	-23	9	23	36	53	67	81	88	97	1270	14	30	26	17	2	-1	-13	-23	-36	-44
740	103	113	123	102	67	30	5	-6	-40	-89	1280	-51	-61	-61	-61	-63	-46	-24	-2	4	3
750	-121	-157	-153	-107	-79	-46	-25	-22	-21	-25	1290	95	106	112	111	102	95	84	72	61	55
760	-35	-47	-61	-80	-93	-107	-114	-122	-127	-113	1300	43	33	23	9	-1	-20	-35	-51	-61	-74
770	-89	-56	-41	-32	19	6	67	74	80	79	1310	43	33	23	9	-1	-20	-35	-51	-61	-74
780	57	46	41	32	19	6	67	74	80	79	1320	-82	-92	-98	-106	-101	-86	-58	-10	7	14
790	42	36	68	100	141	165	205	217	220	215	1330	21	24	25	28	31	33	36	41	49	59
800	204	192	186	157	124	82	100	124	131	137	1340	78	120	142	156	162	159	153	141	125	106
810	-40	0	55	74	82	100	124	131	137	126	1350	91	89	92	99	104	108	106	98	68	32
820	104	94	85	72	63	35	28	20	15	-1	1360	27	13	0	-22	-39	-59	-66	-52	-47	-40
830	-42	-60	-76	-61	-39	-8	35	42	37	28	1370	-26	-9	5	20	52	58	48	45	33	16
840	17	8	-3	-17	-28	-44	-81	-111	-118	-134	1380	5	-5	-34	-59	-74	-84	-89	-103	-105	-99
850	-160	-183	-212	-231	-245	-257	-262	-224	-134	-89	1390	-98	-92	-91	-91	-91	-91	-88	-82	-77	-68
860	39	67	175	243	251	262	262	189	133	125	1400	-55	-53	-51	-47	-42	-32	-19	-5	17	30
870	92	81	51	30	-31	-122	-134	-166	-176	-187	1410	42	42	33	14	-6	-17	-32	-52	-74	-115
880	-197	-193	-170	-156	-98	-48	-36	-30	-26	-20	1420	-148	-168	-172	-167	-151	-137	-125	-104	-85	-64
890	-7	3	30	48	63	76	106	134	145	157	1430	-56	-51	-43	-33	-26	-9	36	60	61	56
900	161	152	133	120	100	76	52	29	14	-8	1440	47	39	31	21	10	-3	3	2	12	27
910	-32	-66	-96	-111	-136	-148	-150	-149	-148	-137	1450	37	50	59	54	47	43	37	32	30	32
920	132	-98	-87	-70	-59	6	120	120	140	156	1460	43	50	55	54	47	43	37	32	30	32
930	168	173	180	184	189	188	180	158	129	112	1470	50	36	26	7	-7	-15	-15	-14	-10	-5
940	86	-22	-126	-184	-208	-214	-224	-236	-224	-190	1480	-5	-8	-14	-19	-30	-39	-47	-40	-29	-8
950	-162	-97	-58	-26	8	19	42	64	79	140	1490	6	13	22	36	48	60	72	79	74	69
960	177	172	147	128	83	62	52	31	-6	-23	1500	62	57	50	43	40	38	38	39	38	34
970	-18	-11	-68	-8	-13	-22	-39	-43	-55	-61	1510	-12	-22	-35	-41	-50	-54	-51	-38	-33	-27
980	-68	-80	-88	-99	-115	-137	-67	19	48	60	1520	11	11	41	60	74	75	66	58	46	39
990	75	100	108	86	62	42	5	-60	-66	-76	1530	34	31	23	14	9	5	-1	-8	-12	-9
1000	-84	-90	-97	-100	-106	-110	-108	-97	-76	-19	1540	-3	0	3	0	2	-2	-6	-3	-2	2
1010	6	11	10	3	-2	-11	-7	3	32	59	1550	6	12	20	26	35	43	45	43	31	16
1020	68	75	75	73	70	68	74	83	89	93	1560	-6	-14	-21	-27	-32	-39	-44	-38	-29	-20

TO BE CONTINUED

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CONTINUED ( M-186

W16S

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( 1 ) ( 2 ) ( 3 ) ( 4 ) ( 5 ) ( 6 ) ( 7 ) ( 8 ) ( 9 ) ( 10 )

1570	-12	-4	-5	-11	-15	-20	-26	-30	-34	-35	2110	16	8	0	-12	-15	-18	-18	-14	-9	-5
1580	-36	-35	-32	-28	-15	-8	1	10	17	27	2120	3	7	20	33	48	62	62	57	53	49
1590	25	14	-2	-15	-25	-37	-50	-61	-56	-52	2130	45	42	45	51	57	68	72	74	73	74
1600	-48	-43	-34	-30	-27	-25	-26	-25	-26	-25	2140	76	78	80	83	86	89	92	98	104	107
1610	-23	-20	-17	-14	-11	-8	-6	-4	-3	-1	2150	111	113	114	112	109	105	98	93	89	84
1620	-1	-1	-6	-14	-22	-29	-37	-45	-54	-60	2160	78	72	66	61	55	52	47	43	39	35
1630	-66	-72	-76	-80	-82	-84	-86	-88	-91	-94	2170	32	23	16	10	2	-6	-10	-12	-15	-18
1640	-93	-82	-75	-67	-55	-49	-43	-36	-25	-20	2180	-24	-28	-33	-39	-45	-52	-60	-67	-73	-78
1650	-14	-8	11	32	41	64	73	73	68	66	2190	-83	-91	-98	-109	-119	-129	-136	-143	-150	-153
1660	63	61	63	68	78	84	93	98	102	105	2200	-159	-163	-166	-172	-172	-168	-164	-157	-151	-146
1670	105	102	98	87	76	69	62	49	40	35	2210	-139	-135	-127	-121	-116	-107	-99	-89	-80	-76
1680	28	27	34	39	43	47	52	54	52	48	2220	-81	-86	-92	-96	-100	-104	-102	-96	-87	-79
1690	38	30	21	4	-15	-30	-39	-48	-55	-68	2230	-62	-69	-76	-82	-87	-93	-98	-104	-110	-116
1700	-33	-21	-5	17	40	59	88	105	95	72	2240	-20	-9	1	8	20	32	44	60	74	89
1710	56	46	29	18	3	-5	-3	0	3	3	2250	108	125	132	139	143	146	141	134	125	125
1720	7	10	18	28	34	41	40	34	27	21	2260	118	111	106	100	93	87	81	76	83	85
1730	9	0	-5	-13	-17	-24	-25	-27	-25	-22	2270	93	104	111	113	112	107	101	94	84	72
1740	-16	-7	9	26	38	50	55	59	50	35	2280	58	47	32	15	1	-10	-23	-35	-39	-42
1750	20	5	-23	-53	-69	-83	-106	-100	-81	-63	2290	-9	10	19	25	37	44	46	41	35	30
1760	-63	-28	-21	-11	-5	1	3	-1	6	9	2300	25	21	19	17	16	16	15	14	12	9
1770	-11	-9	-1	-1	2	0	-3	-5	-35	-56	2310	4	0	-7	-13	-20	-27	-29	-27	-26	-24
1780	-73	-77	-80	-74	-68	-55	-46	-35	-25	-18	2320	-23	-23	-25	-29	-34	-41	-46	-55	-64	-69
1790	-18	-22	-24	-30	-28	-26	-16	-8	0	5	2330	-66	-58	-49	-43	-36	-27	-25	-27	-32	-35
1800	26	30	38	44	57	72	82	91	97	104	2340	-42	-51	-57	-64	-69	-70	-67	-61	-52	-44
1810	109	113	112	111	105	98	88	67	33	1	2350	-34	-26	-17	-5	3	12	21	30	40	50
1820	-5	-19	-24	-24	-18	-12	-1	5	11	21	2360	55	56	56	54	51	46	40	36	26	17
1830	26	36	42	47	45	40	34	27	23	19	2370	15	22	34	47	69	87	99	110	122	131
1840	16	14	12	10	7	4	-1	-6	-11	-15	2380	139	146	160	163	158	147	128	116	106	100
1850	-22	-28	-39	-53	-63	-78	-90	-90	-86	-82	2390	93	84	84	84	84	77	70	59	48	31
1860	-79	-77	-76	-74	-71	-65	-58	-52	-43	-34	2400	15	6	-1	-9	-23	-32	-38	-41	-37	-36
1870	-28	-20	-9	-3	1	5	8	13	16	20	2410	-30	-29	-26	-22	-17	-18	-20	-23	-26	-29
1880	27	36	46	54	64	75	76	72	65	55	2420	-31	-29	-26	-22	-18	-13	-7	-2	1	5
1890	46	43	46	48	54	58	62	58	53	43	2430	7	8	8	8	7	0	-4	-6	-5	-1
1900	34	26	19	12	4	-2	1	7	14	36	2440	-16	-13	-9	-5	-1	-2	-6	-8	-12	-19
1910	49	49	43	36	25	18	7	3	3	3	2450	-26	-31	-36	-38	-37	-34	-26	-20	-12	-3
1920	-17	-26	-31	-26	-19	-16	-12	-10	-13	-15	2460	2	6	4	2	1	-7	-21	-32	-38	-48
1930	-43	-30	-33	-35	-30	-22	-13	-4	-2	-9	2470	-58	-64	-73	-79	-80	-72	-65	-50	-29	-18
1940	-21	-21	-29	-33	-34	-35	-35	-33	-31	-30	2480	-7	-5	-8	-11	-14	-17	-20	-22	-22	-15
1950	-33	-38	-43	-51	-60	-67	-76	-81	-66	-55	2490	3	27	39	52	63	71	75	80	82	82
1960	-105	-107	-114	-121	-127	-132	-134	-139	-142	-144	2500	82	80	75	70	66	62	56	48	44	38
1970	-145	-146	-145	-142	-133	-121	-108	-97	-85	-72	2510	29	24	19	13	8	4	0	-3	-4	-3
1980	-54	-31	-15	0	13	24	26	28	29	30	2520	-2	-2	-2	-2	-2	-1	0	2	7	10
1990	28	20	13	5	-3	-10	-17	-19	-19	-13	2530	16	23	29	35	42	50	60	65	58	52
2000	15	39	53	68	88	99	103	105	107	112	2540	46	34	22	16	10	4	1	2	8	14
2010	111	109	106	103	105	119	133	140	157	162	2550	17	20	25	21	17	14	7	3	0	1
2020	156	146	127	113	97	81	74	73	77	82	2560	38	35	30	25	22	21	19	16	15	12
2030	88	97	105	112	122	130	138	147	155	152	2570	36	33	30	25	22	21	19	16	15	12
2040	144	134	120	107	91	52	19	-5	-24	-46	2580	11	11	12	13	16	18	23	30	31	34
2050	-60	-68	-78	-88	-103	-117	-126	-132	-136	-136	2590	36	38	37	35	32	30	24	21	14	8
2060	-134	-129	-122	-119	-119	-122	-123	-124	-122	-118	2600	0	-11	-16	-23	-30	-37	-40	-45	-50	-55
2070	-116	-116	-120	-131	-144	-151	-158	-163	-167	-172	2610	-59	-63	-73	-78	-82	-87	-91	-94	-97	-87
2080	-167	-154	-141	-130	-121	-110	-99	-94	-89	-85	2620	-87	-79	-73	-69	-62	-60	-64	-67	-72	-80
2090	-83	-81	-78	-75	-74	-67	-62	-56	-56	-51	2630	-83	-83	-83	-83	-84	-88	-91	-94	-96	-101
2100	-42	-27	-18	-6	9	35	46	40	35	27	2640	-105	-104	-100	-92	-87	-85	-89	-94	-94	-83

TO BE CONTINUED

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NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2650	-7	3	5	6	5	3	1	0	0	0
2660	0	0	-4	-7	-14	-31	-40	-35	-22	-22
2670	0	10	17	31	41	56	63	69	74	79
2680	76	67	55	41	32	23	10	4	0	0
2690	-2	4	-5	-5	-5	5	16	-6	-8	-8
2700	-9	-9	-8	-2	1	22	28	10	11	11
2710	4	4	4	5	7	36	39	36	40	43
2720	45	48	47	51	53	56	57	63	66	69
2730	71	74	77	80	80	78	73	66	62	57
2740	52	50	51	51	52	52	47	40	27	24
2750	12	-2	6	14	27	34	28	22	22	22
2760	15	10	9	10	11	12	14	16	18	19
2770	15	15	12	9	7	6	6	6	6	6
2780	17	15	12	9	7	6	6	6	6	6
2790	6	5	2	0	-3	-7	-13	-18	-24	-30
2800	-39	-54	-58	-63	-67	-68	-70	-71	-71	-71
2810	-70	-68	-65	-60	-54	-51	-47	-45	-42	-41
2820	-40	-40	-40	-40	-40	-39	-36	-34	-30	-25
2830	-18	-12	-9	-3	0	8	13	19	24	27
2840	29	29	29	29	29	28	27	27	27	27
2850	29	30	32	33	33	29	27	27	27	27
2860	1	-2	1	3	8	14	15	13	10	6
2870	8	6	6	5	8	11	12	14	10	6
2880	2	-2	-8	-12	-11	-9	-7	-5	-4	-4
2890	-4	-5	-8	-11	-15	-16	-19	-20	-21	-21
2900	-18	-15	-12	-8	-2	0	2	4	4	4
2910	0	-3	-6	-7	-9	-7	-4	-2	1	2
2920	1	0	0	1	3	5	6	7	4	0
2930	-6	-13	-15	-20	-23	-26	-30	-33	-36	-36
2940	-39	-62	-68	-54	-56	-58	-56	-51	-47	-42
2950	-28	-15	-5	1	6	9	6	-2	-1	-3
2960	-26	-34	-35	-27	-20	-13	-6	-2	-1	-3
2970	-5	-6	-7	-8	-8	-8	-9	-12	-14	-19
2980	-22	-24	-25	-27	-27	-28	-28	-28	-28	-29
2990	-31	-33	-37	-40	-43	-45	-43	-42	-39	-39
3000	-35	-30	-24	-11	-3	7	14	19	15	15
3010	9	4	0	-4	-7	-7	-9	-6	-2	1
3020	8	14	20	25	26	25	23	24	26	29
3030	32	33	34	31	29	24	20	17	14	11
3040	6	6	4	2	1	-1	-3	-5	-7	-9
3050	-11	-12	-12	-14	-14	-16	-19	-24	-29	-33
3060	-38	-42	-44	-44	-44	-43	-42	-41	-39	-39
3070	-38	-39	-40	-44	-47	-49	-53	-56	-60	-61
3080	-35	-35	-50	-46	-40	-37	-35	-35	-35	-35
3090	-35	-32	-30	-28	-25	-20	-16	-12	-6	2
3100	8	16	25	34	48	56	66	70	75	78
3110	78	78	78	80	82	86	93	102	109	118
3120	125	134	142	147	148	147	144	139	131	125
3130	119	115	106	100	94	89	83	72	62	54
3140	39	27	18	6	0	-2	-8	-15	-18	-17
3150	-15	-11	-8	-3	0	-2	-6	-11	-19	-26
3160	-32	-39	-47	-53	-56	-54	-51	-47	-42	-39
3170	-36	-37	-40	-42	-45	-48	-50	-51	-51	-50
3180	-50	-48	-47	-43	-39	-36	-33	-30	-27	-24

TO BE CONTINUED

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CONTINUED ( M-186 )					CONTINUED ( M-186 )					CONTINUED ( M-186 )					CONTINUED ( M-186 )							
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	
3730	9	7	5	3	2	1	0	0	0	1	2	4270	-6	-5	-2	0	4	9	13	17	21	25
3740	3	5	2	9	10	10	10	10	10	9	6	4280	28	34	39	43	49	57	64	71	76	80
3750	1	2	-7	-5	-7	-9	-10	-10	-12	-14	-14	4290	83	87	90	92	92	92	92	92	92	92
3760	-14	-15	-14	-13	-12	-14	-14	-14	-14	-15	-15	4300	91	89	89	87	86	84	84	80	78	78
3770	-8	-8	-10	-11	-13	-14	-14	-14	-14	-15	-15	4310	76	74	73	69	67	64	58	51	41	33
3780	-17	-19	-20	-22	-23	-20	-17	-14	-12	-12	-9	4320	26	18	12	6	0	-3	-4	-10	-13	-14
3790	-5	-4	-2	1	0	0	-1	-1	-1	-3	-5	4330	-18	-20	-22	-22	-22	-22	-22	-22	-22	-21
3800	-7	-10	-10	-13	-14	-14	-14	-15	-16	-16	-18	4340	-18	-21	-21	-23	-25	-29	-31	-35	-39	-45
3810	-19	-21	-24	-29	-33	-38	-42	-46	-46	-44	-43	4350	-50	-53	-60	-63	-65	-66	-66	-65	-63	-61
3820	-42	-40	-36	-31	-26	-21	-14	-7	4	1	1	4360	-58	-54	-52	-49	-48	-48	-48	-50	-51	-51
3830	6	13	18	24	27	28	29	30	30	29	29	4370	-52	-49	-47	-45	-43	-41	-40	-38	-37	-35
3840	28	26	24	24	23	23	25	25	27	30	29	4380	-34	-33	-32	-31	-29	-28	-28	-26	-25	-23
3850	33	38	41	45	48	48	47	46	45	44	44	4390	-21	-19	-16	-11	-7	-1	6	12	18	21
3860	43	42	41	40	39	38	36	34	33	31	31	4400	23	25	25	25	25	26	27	28	32	35
3870	29	27	24	22	19	16	12	8	4	0	0	4410	37	40	42	46	49	52	56	60	64	66
3880	-3	-6	-9	-11	-11	-14	-13	-9	-5	-1	-1	4420	70	73	75	79	81	82	79	75	71	71
3890	3	6	9	11	11	7	4	0	-4	-4	-4	4430	61	56	51	45	40	36	31	28	25	21
3900	-7	-12	-16	-20	-23	-26	-28	-26	-20	-16	-16	4440	19	17	15	14	14	15	15	16	18	19
3910	-8	-4	-2	-2	-1	1	1	1	3	5	4	4450	19	18	15	11	7	2	-3	-6	-6	-4
3920	12	13	14	14	15	15	17	12	9	4	4	4460	-2	0	2	4	5	5	4	1	1	-1
3930	0	-4	-5	-6	-9	-10	-12	-13	-14	-15	-15	4470	-2	-5	-8	-10	-14	-13	-11	-10	-8	-6
3940	-16	-17	-18	-19	-20	-21	-22	-20	-16	-12	-11	4480	-7	-8	-9	-11	-12	-11	-11	-9	-8	-9
3950	-9	-6	-4	-3	-3	-4	-5	-6	-9	-8	-4	4490	-8	-9	-11	-14	-17	-18	-21	-24	-25	-28
3960	-14	-15	-16	-16	-16	-15	-12	-9	-3	4	4	4500	-29	-30	-30	-27	-25	-24	-20	-17	-16	-15
3970	8	11	15	21	25	29	35	40	43	46	46	4510	-15	-15	-16	-17	-18	-18	-19	-19	-18	-18
3980	48	48	47	48	40	34	32	27	24	21	21	4520	-18	-18	-18	-18	-18	-16	-15	-15	-12	-9
3990	19	18	19	19	23	27	29	30	34	37	39	4530	-6	-2	3	7	11	12	14	16	16	20
4000	37	37	36	36	35	34	34	34	37	39	39	4540	22	26	30	32	37	42	46	50	52	58
4010	42	44	48	49	51	51	50	48	46	42	42	4550	59	63	67	70	71	71	69	67	65	62
4020	39	37	36	34	32	32	32	32	32	33	33	4560	59	57	55	53	51	50	49	48	47	47
4030	35	35	35	33	29	24	19	13	8	2	2	4570	46	44	42	41	38	36	32	28	25	21
4040	-1	-6	-9	-13	-17	-18	-19	-20	-22	-24	-24	4580	19	16	14	12	11	10	8	6	3	1
4050	-29	-34	-38	-45	-49	-54	-58	-62	-63	-64	-64	4590	-1	-5	-8	-13	-19	-23	-27	-34	-39	-46
4060	-65	-65	-66	-67	-68	-68	-69	-69	-67	-66	-66	4600	-50	-54	-59	-61	-64	-65	-65	-65	-64	-64
4070	-64	-63	-61	-59	-55	-52	-48	-46	-46	-45	-45	4610	-62	-60	-57	-56	-56	-56	-56	-57	-58	-59
4080	-46	-47	-47	-49	-49	-48	-45	-43	-42	-41	-41	4620	-59	-60	-59	-58	-55	-52	-50	-46	-44	-41
4090	-41	-41	-41	-41	-39	-37	-34	-32	-27	-24	-24	4630	-38	-34	-31	-28	-24	-21	-18	-14	-13	-11
4100	-20	-15	-6	0	7	14	16	17	15	12	12	4640	-10	-8	-6	-4	-1	2	6	9	13	16
4110	10	8	5	2	-1	-3	-5	-5	-4	-3	-3	4650	18	19	20	21	21	21	21	22	23	23
4120	-2	-1	0	0	-1	-2	-4	-4	0	8	15	4660	25	25	27	28	30	32	33	33	33	33
4130	20	22	21	20	19	16	14	11	10	10	10	4670	32	32	32	31	31	31	31	31	31	31
4140	10	13	15	17	21	30	33	38	42	44	44	4680	26	27	28	29	26	25	24	23	23	24
4150	48	50	51	52	53	53	53	52	51	49	49	4690	26	27	28	29	29	28	27	25	22	20
4170	47	44	42	39	36	33	30	27	23	20	20	4700	18	16	14	12	9	7	6	4	2	1
4180	17	13	10	7	4	2	0	-1	-2	-3	-3	4710	0	-2	-3	-5	-7	-9	-10	-13	-17	-20
4190	-3	-2	0	2	4	7	10	11	10	8	8	4720	-22	-25	-26	-28	-30	-31	-31	-31	-31	-31
4200	6	3	0	-2	-3	-5	-6	-8	-9	-10	-10	4730	-32	-33	-34	-34	-34	-34	-33	-30	-27	-22
4210	-11	-13	-15	-16	-18	-21	-24	-27	-28	-29	-29	4740	-17	-16	-17	-18	-19	-21	-22	-24	-24	-24
4220	-30	-30	-30	-30	-30	-29	-29	-29	-30	-30	-30	4750	-23	-21	-19	-13	-8	-3	2	10	13	15
4230	-31	-33	-34	-35	-34	-35	-37	-39	-41	-42	-42	4760	12	10	7	4	0	-1	-2	-4	-5	5
4240	-48	-50	-52	-54	-54	-52	-49	-46	-44	-41	-41	4770	10	16	20	24	31	36	40	47	52	54
4250	-38	-36	-34	-33	-31	-30	-28	-27	-24	-22	-22	4780	53	51	49	45	40	36	32	27	20	20
4260	-19	-17	-16	-14	-14	-13	-12	-11	-10	-7	-7	4790	19	20	22	24	28	31	31	27	25	18
												4800	13	8	0	-6	-12	-16	-20	-22	-24	-25

TO BE CONTINUED

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CONTINUED( M-186 W165 )

CONTINUED( M-186 W165 )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4810	-26	-26	-26	-26	-27	-37	-30	-32	-33	-35
4820	-37	-40	-42	-44	-44	-46	-49	-51	-52	-54
4830	-56	-56	-58	-59	-60	-57	-55	-54	-52	-53
4840	-53	-55	-57	-59	-59	-59	-59	-58	-56	-54
4850	-55	-52	-47	-41	-38	-34	-32	-29	-26	-23
4860	-19	-15	-11	-9	-7	-7	-5	-3	-2	-2
4870	-7	-7	-7	-7	-7	-6	-6	-5	-5	-7
4880	-1	1	2	3	6	8	10	12	16	19
4890	21	24	27	28	29	29	29	30	32	32
4900	33	35	37	39	40	40	39	37	36	36
4910	35	30	27	26	31	35	38	41	45	47
4920	49	46	47	45	42	37	33	32	30	30
4930	28	27	25	24	23	21	19	20	20	20
4940	22	25	30	35	37	40	41	40	38	33
4950	30	27	24	20	17	16	14	12	10	9
4960	8	4	1	0	-3	-8	-11	-13	-15	-16
4970	-18	-18	-19	-19	-19	-20	-20	-20	-21	-22
4980	-24	-25	-27	-30	-33	-36	-39	-41	-45	-46
4990	-48	-49	-49	-49	-49	-49	-48	-47	-45	-43
5000	-41	-40	-38	-35	-32	-26	-21	-16	-11	-7
5010	-4	-2	0	0	0	0	-3	-5	-6	-9
5020	-13	-14	-14	-13	-12	-11	-11	-11	-11	-11
5030	4	8	10	12	13	15	17	21	25	27
5040	29	31	33	33	33	33	34	35	35	35
5050	35	34	33	32	31	30	28	27	24	24
5060	23	23	23	23	23	24	24	24	24	24
5070	23	21	19	17	13	9	5	1	-4	-10
5080	-11	-16	-20	-22	-24	-27	-30	-34	-36	-40
5090	-43	-46	-47	-46	-45	-44	-43	-41	-41	-41
5100	-41	-41	-41	-41	-40	-37	-35	-34	-33	-33
5110	-32	-32	-32	-32	-33	-34	-34	-34	-34	-33
5120	-32	-31	-29	-28	-25	-23	-21	-18	-16	-13
5130	-11	-9	-7	-4	-2	0	2	4	6	8
5140	9	11	11	11	11	11	11	11	11	11
5150	11	11	11	12	13	14	14	15	15	15
5160	14	13	11	11	9	7	6	6	5	5
5170	5	5	5	5	5	7	9	10	11	13
5180	14	15	16	16	16	16	17	18	19	21
5190	23	24	25	27	27	28	29	29	30	30
5200	30	30	30	29	28	27	26	23	21	20
5210	18	16	13	11	9	7	6	4	4	3
5220	3	3	3	3	3	3	3	2	0	0
5230	0	-1	-3	-4	-5	-6	-9	-13	-16	-18
5240	-23	-25	-30	-33	-35	-36	-38	-39	-39	-39
5250	-38	-36	-34	-32	-30	-28	-27	-25	-22	-22
5260	-20	-18	-17	-15	-13	-11	-9	-7	-5	-3
5270	0	1	3	5	8	10	13	17	19	20
5280	22	23	23	21	20	19	18	17	18	20
5290	22	25	27	29	31	32	33	34	34	34
5300	34	34	33	31	30	28	26	24	22	21
5310	19	18	18	17	17	16	16	15	14	14
5320	13	12	11	10	7	6	5	3	2	0
5330	0	0	0	0	0	0	1	1	1	0
5340	0	0	-1	-2	-3	-4	-5	-6	-6	-6

TO BE CONTINUED

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CONTINUED ( M-186 M165 )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5890	-27	-26	-25	-24	-24	-24	-24	-24	-24	-24
5900	-24	-11	-7	3	8	11	16	18	17	-17
5910	-14	20	23	32	34	35	37	38	33	18
5920	20	23	25	30	32	34	36	34	33	15
5930	38	39	40	40	39	36	34	33	33	37
5940	31	29	27	26	25	24	23	22	20	18
5950	17	16	14	12	10	8	6	5	3	3
5960	1	0	-1	-3	-5	-6	-8	-9	-10	-11
5970	-12	-12	-13	-14	-15	-17	-18	-18	-21	-22
5980	-23	-23	-23	-24	-24	-24	-24	-24	-24	-24
5990	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
6000	-22	-20	-18	-17	-14	-11	-11	-10	-9	-9
6010	-8	-8	-7	-6	-5	-4	-3	0	2	2
6020	3	5	7	8	10	14	16	18	19	19
6030	22	25	27	29	31	33	35	37	39	40
6040	41	43	44	45	46	47	48	49	50	51
6050	53	55	57	58	60	62	63	64	66	67
6060	68	69	69	69	68	67	66	64	64	64
6070	83	81	80	80	80	80	80	80	80	80
6080	45	42	39	36	35	32	31	28	25	23
6090	22	22	19	18	15	12	9	8	7	4
6100	1	-1	-2	-6	-9	-10	-13	-15	-16	-18
6110	-22	-24	-26	-27	-28	-30	-31	-32	-32	-32
6120	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
6130	-32	-32	-31	-30	-29	-27	-26	-24	-22	-22
6140	-21	-20	-20	-19	-18	-17	-16	-15	-14	-14
6150	-12	-11	-10	-8	-7	-5	-3	-1	0	2
6160	4	6	7	8	9	10	11	12	13	13
6170	13	13	13	13	13	13	13	13	13	13
6180	13	12	12	11	9	8	6	4	2	0
6190	-1	-3	-4	-7	-10	-12	-13	-14	-16	-16
6200	-17	-18	-19	-21	-20	-20	-20	-20	-20	-20
6210	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21
6220	-20	-18	-18	-17	-16	-14	-13	-12	-11	-10
6230	-9	-8	-9	-9	-9	-10	-11	-11	-10	-10
6240	-9	-8	-7	-5	-5	-4	-4	-3	-3	-3
6250	-3	-3	-3	-2	-2	-2	-2	-1	-1	-1
6260	0	0	0	1	2	3	4	6	7	8
6270	9	10	11	12	13	14	14	16	18	18
6280	19	21	22	23	24	25	26	26	26	26
6290	26	26	26	26	25	25	25	24	24	24
6300	23	23	22	22	22	21	20	20	20	20
6310	19	18	19	18	17	17	17	17	17	17
6320	17	17	17	17	17	17	17	17	17	17
6330	18	19	18	19	20	20	20	20	20	20
6340	19	18	17	16	14	13	12	11	10	10
6350	9	9	8	7	5	3	0	-1	-2	-2
6360	-4	-7	-8	-10	-13	-13	-15	-17	-18	-19
6370	-21	-22	-23	-24	-26	-27	-28	-29	-31	-31
6380	-32	-32	-33	-34	-35	-36	-37	-38	-38	-38
6390	-39	-40	-41	-42	-44	-44	-44	-44	-47	-47
6400	-49	-50	-51	-52	-53	-55	-56	-57	-58	-58
6410	-57	-56	-55	-54	-52	-50	-48	-47	-45	-45
6420	-44	-43	-42	-41	-38	-35	-34	-32	-30	-30

TO BE CONTINUED

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CONTINUED( M-186 W165 )

CONTINUED( M-186 W165 )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6970	0	-2	-3	-4	-5	-7	-8	-9	-11	-12
6980	-13	-15	-16	-17	-19	-20	-21	-22	-23	-25
6990	-26	-28	-31	-32	-33	-34	-35	-36	-37	-38
7000	-37	-37	-37	-37	-36	-35	-34	-33	-32	-31
7010	-31	-30	-29	-28	-28	-28	-28	-28	-28	-28
7020	-28	-27	-26	-25	-24	-24	-24	-22	-21	-20
7030	-20	-18	-17	-16	-14	-13	-12	-11	-10	-10
7040	-9	-8	-7	-7	-6	-6	-6	-5	-4	-3
7050	-3	-3	-2	-2	-2	-2	-1	-1	0	0
7060	1	2	3	5	6	7	9	10	11	12
7070	13	13	13	12	12	11	11	10	9	8
7080	8	7	7	7	6	6	6	5	5	5
7090	5	5	5	5	5	6	6	7	7	8
7100	8	8	8	8	8	8	7	6	5	5
7110	4	3	2	2	1	1	0	0	0	-1
7120	-3	-5	-6	-6	-7	-8	-9	-11	-11	-12
7130	-12	-14	-14	-14	-16	-17	-18	-19	-20	-20
7140	-21	-22	-22	-23	-23	-23	-23	-23	-23	-23
7150	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
7160	-23	-23	-23	-24	-24	-24	-24	-24	-23	-23
7170	-23	-22	-22	-22	-21	-20	-18	-17	-16	-15
7180	-14	-13	-12	-12	-11	-10	-9	-8	-8	-7
7190	-6	-5	-4	-4	-3	-2	-2	-1	0	0
7200	0	1	2	3	3	4	5	5	5	4
7210	6	6	6	6	6	6	6	5	5	4
7220	3	2	2	1	0	1	1	1	1	1
7230	1	1	1	1	1	0	1	2	2	3
7240	4	4	5	5	5	6	6	6	6	6
7250	6	6	6	6	7	8	9	10	11	12
7260	13	13	14	14	14	14	14	14	14	14
7270	14	14	14	14	14	14	14	14	14	14
7280	14	14	14	14	14	15	16	16	16	16
7290	17	17	18	19	19	20	20	21	21	21
7300	22	23	23	23	23	22	21	20	19	19
7310	18	18	17	16	15	15	14	13	12	12
7320	12	11	11	10	9	9	8	8	8	7
7330	7	6	6	6	5	5	5	5	5	5
7340	3	2	1	0	0	0	0	0	-1	-1
7350	-1	-2	-1	-1	-1	0	0	0	1	2
7360	2	3	3	4	4	5	6	6	6	7
7370	8	9	10	10	11	13	14	15	17	18
7380	19	20	21	23	24	25	26	27	28	28
7390	30	30	31	33	33	34	34	35	36	36
7400	37	37	37	37	38	38	39	39	40	40
7410	40	41	41	41	41	42	42	42	42	42
7420	42	42	42	42	42	41	41	41	40	40
7430	39	38	37	36	35	33	32	32	30	30
7440	28	27	26	25	24	23	22	20	19	18
7450	17	16	14	13	11	10	9	7	6	6
7460	5	3	1	0	-1	-3	-4	-4	-8	-9
7470	-10	-12	-14	-14	-15	-17	-18	-19	-20	-20
7480	-21	-22	-23	-23	-24	-25	-25	-25	-25	-25
7490	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
7500	-25	-25	-25	-25	-26	-27	-27	-27	-28	-28

TO BE CONTINUED

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CONTINUED ( M-186 W165 )										CONTINUED ( M-186 W165 )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
8050	4	3	3	3	3	2	2	2	2	2	8590	-27	-26	-25	-24	-23	-22	-21	-20	-19	-18
8060	1	2	3	3	4	5	6	7	8	8	8600	-18	-17	-17	-16	-14	-13	-12	-11	-10	-9
8070	9	9	9	11	10	11	12	13	13	13	8610	-6	-4	-3	-1	0	1	3	4	5	7
8080	14	14	14	14	15	15	16	16	17	18	8620	6	9	11	13	14	16	18	19	20	22
8090	18	19	20	21	20	21	22	22	22	22	8630	23	24	26	27	28	29	30	31	32	34
8100	21	20	21	20	19	19	18	18	18	17	8640	35	36	37	38	39	40	42	44	44	44
8110	17	16	16	16	16	16	16	16	16	16	8650	45	46	46	47	47	47	47	47	47	47
8120	16	16	15	15	15	15	14	13	14	14	8660	47	47	47	47	47	46	45	44	43	41
8130	14	13	12	12	11	11	10	9	8	8	8670	40	40	39	38	37	36	35	34	33	32
8140	7	6	6	5	5	5	5	5	5	5	8680	31	31	29	28	27	26	25	24	23	22
8150	5	4	4	4	3	3	2	2	1	1	8690	22	21	20	19	18	16	14	14	14	12
8160	0	0	0	0	0	-1	-2	-2	-3	-3	8700	12	10	10	10	8	6	5	4	4	4
8170	-4	-5	-5	-6	-6	-6	-6	-6	-6	-6	8710	3	3	3	3	3	2	1	0	0	0
8180	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	8720	-3	-4	-4	-6	-7	-8	-9	-11	-11	-12
8190	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	8730	-11	-12	-13	-13	-13	-12	-11	-11	-11	-10
8200	-9	-10	-10	-10	-10	-10	-10	-10	-10	-10	8740	9	8	7	6	5	5	6	6	7	7
8210	-10	-10	-12	-13	-13	-13	-16	-16	-17	-18	8750	1	2	3	4	4	5	5	6	7	7
8220	-22	-22	-22	-23	-24	-25	-26	-26	-27	-28	8760	7	8	9	9	10	11	12	13	14	15
8230	-30	-30	-31	-32	-33	-34	-35	-35	-36	-36	8770	16	17	18	20	21	22	23	24	26	27
8240	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	8780	27	28	29	29	30	30	31	32	31	32
8250	-36	-37	-37	-37	-37	-36	-36	-36	-35	-35	8790	33	33	33	34	34	34	34	35	35	35
8260	-35	-34	-34	-33	-33	-33	-31	-31	-30	-29	8800	35	35	35	35	35	35	35	35	35	35
8270	-28	-27	-26	-26	-25	-24	-23	-21	-20	-19	8810	34	34	34	34	33	33	32	31	30	30
8280	-18	-17	-15	-13	-12	-11	-9	-7	-6	-4	8820	29	28	28	28	27	27	26	25	24	24
8290	-2	0	0	0	0	0	1	1	1	2	8830	23	22	21	20	19	18	16	15	14	13
8300	3	3	4	5	6	6	8	9	9	10	8840	11	11	11	9	7	6	5	4	2	0
8310	10	11	11	11	11	11	11	11	11	11	8850	11	10	9	7	6	5	7	8	9	11
8320	11	11	10	9	9	9	8	8	8	7	8860	-13	-14	-15	-16	-17	-18	-18	-18	-16	-16
8330	7	6	5	6	5	4	4	4	4	4	8870	-18	-18	-18	-18	-18	-18	-18	-17	-17	-17
8340	4	4	4	4	4	4	4	4	4	4	8880	-17	-16	-15	-15	-14	-13	-13	-12	-11	-10
8350	5	5	5	5	5	5	4	4	3	3	8890	-9	-8	-7	-6	-6	-5	-4	-4	-3	-3
8360	4	4	4	4	3	2	2	1	1	0	8900	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1
8370	0	-1	-1	-2	-3	-3	-3	-4	-4	-5	8910	-1	-1	-1	-2	-2	-2	-3	-4	-5	-5
8380	-6	-6	-6	-7	-7	-7	-7	-8	-8	-8	8920	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
8390	-8	-8	-8	-8	-7	-6	-5	-4	-4	-3	8930	-16	-17	-18	-19	-19	-21	-21	-22	-24	-25
8400	-2	-2	-1	0	0	1	1	2	3	3	8940	-26	-27	-28	-29	-30	-30	-30	-32	-33	-33
8410	4	5	5	6	7	7	8	9	9	9	8950	-33	-34	-34	-35	-35	-35	-36	-36	-36	-36
8420	10	10	11	12	13	14	14	15	15	17	8960	-36	-36	-36	-36	-36	-36	-36	-35	-35	-35
8430	17	18	19	20	21	20	21	22	22	22	8970	-35	-35	-35	-35	-35	-34	-34	-33	-32	-31
8440	23	23	23	24	24	24	24	24	24	24	8980	-30	-29	-28	-27	-26	-26	-25	-24	-22	-21
8450	24	24	24	24	24	24	24	24	24	24	8990	-20	-19	-18	-17	-16	-15	-14	-12	-11	-10
8460	24	24	24	24	24	24	24	23	23	23	9000	-9	-8	-7	-6	-5	-4	-3	-2	-1	0
8470	23	23	23	22	22	22	22	21	20	20	9010	0	1	2	3	4	5	5	6	7	8
8480	19	19	18	18	18	17	17	16	15	15	9020	8	9	9	10	10	10	11	12	12	12
8490	14	13	12	11	9	8	7	6	4	3	9030	12	12	12	12	12	12	12	12	11	11
8500	2	1	0	-1	-3	-4	-5	-6	-8	-9	9040	11	10	10	9	9	8	7	6	6	6
8510	-10	-12	-13	-14	-16	-17	-18	-20	-21	-22	9050	5	5	5	4	4	3	3	3	3	3
8520	-24	-24	-27	-29	-31	-32	-34	-36	-38	-39	9060	3	3	3	3	3	3	3	3	3	3
8530	-39	-39	-39	-40	-41	-40	-40	-40	-40	-40	9070	3	3	3	3	3	3	3	3	3	3
8540	-41	-41	-42	-43	-43	-43	-43	-43	-43	-43	9080	3	3	2	2	1	1	1	0	-1	-2
8550	-43	-43	-43	-42	-42	-42	-42	-42	-41	-40	9090	-3	-4	-5	-6	-7	-8	-8	-9	-10	-11
8560	-40	-39	-39	-38	-38	-38	-37	-37	-37	-37	9100	-13	-14	-15	-16	-17	-18	-19	-20	-21	-21
8570	-37	-37	-37	-37	-36	-36	-35	-35	-34	-34	9110	-22	-22	-24	-24	-25	-25	-26	-27	-28	-29
8580	-33	-32	-31	-31	-30	-29	-29	-29	-28	-28	9120	-30	-30	-30	-31	-32	-32	-33	-33	-34	-34

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( M-186 M165 )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
9130	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34
9140	-33	-33	-32	-32	-31	-29	-28	-27	-27	-27
9150	-28	-26	-24	-24	-23	-22	-21	-20	-19	-16
9160	-16	-15	-14	-13	-11	-10	-9	-7	-5	-4
9170	-3	-2	-1	0	1	2	4	5	6	6
9180	9	11	12	13	15	16	18	19	20	22
9190	23	24	24	25	25	25	26	26	26	26
9200	26	26	25	25	25	24	24	23	23	23
9210	33	22	22	21	21	19	19	18	17	17
9220	16	15	14	14	13	12	11	10	9	9
9230	8	8	6	6	4	4	4	3	2	2
9240	1	1	1	1	0	0	0	0	0	0
9250	0	0	0	0	0	0	0	0	0	0
9260	0	0	0	0	1	2	2	3	4	4
9270	4	5	5	7	7	8	8	8	8	8
9280	8	8	8	8	8	8	9	10	10	10
9290	10	10	10	10	10	10	10	10	10	10
9300	10	10	10	10	10	9	8	7	7	7
9310	7	6	6	5	5	4	3	3	2	2
9320	1	0	0	0	0	0	-1	-1	-2	-2
9330	-5	-6	-6	-6	-7	-7	-7	-8	-9	-9
9340	-9	-10	-10	-10	-10	-10	-10	-11	-11	-11
9350	-11	-11	-11	-11	-10	-10	-10	-10	-10	-10
9360	-8	-9	-9	-8	-8	-7	-6	-5	-4	-4
9370	-3	-2	0	0	1	2	3	5	6	7
9380	8	9	10	11	12	13	14	15	16	17
9390	18	19	20	21	22	23	24	25	27	28
9400	29	30	31	31	32	32	34	34	35	35
9410	36	37	38	39	40	40	41	42	42	42
9420	42	42	42	42	42	42	42	42	42	42
9430	41	40	40	39	39	38	37	37	35	35
9440	33	32	30	29	28	26	25	24	23	22
9450	20	18	17	15	14	13	12	10	9	8
9460	7	5	4	3	2	0	0	-1	-2	-3
9470	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13
9480	-14	-14	-15	-15	-16	-16	-16	-16	-16	-16
9490	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17
9500	-16	-15	-14	-14	-12	-12	-11	-9	-8	-8
9510	-7	-5	-4	-3	-3	-2	-1	0	1	1
9520	2	3	4	5	5	6	7	7	8	9
9530	8	9	10	10	11	11	11	11	11	11
9540	11	11	10	9	10	9	8	8	8	8
9550	7	5	3	2	1	0	-1	-3	-4	-6
9560	-7	-8	-9	-11	-12	-14	-15	-16	-17	-18
9570	-19	-20	-21	-22	-23	-24	-26	-27	-28	-28
9580	-29	-30	-31	-31	-32	-33	-34	-35	-35	-35
9590	-36	-37	-37	-38	-38	-38	-39	-39	-39	-39
9600	-39	-39	-38	-38	-37	-36	-36	-35	-35	-35
9610	-34	-34	-33	-33	-32	-31	-30	-30	-29	-29
9620	-28	-27	-26	-24	-23	-22	-20	-19	-18	-17
9630	-15	-14	-13	-12	-11	-10	-9	-8	-7	-7
9640	-6	-5	-5	-4	-4	-3	-2	-1	0	0
9650	0	0	1	2	3	4	5	5	5	5
9660	6	6	6	6	6	6	6	6	6	6

TO BE CONTINUED

TO BE CONTINUED

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
10210	8	8	8	8	9	10	9	10	9	10
10220	11	11	11	11	11	12	12	12	12	12
10230	12	12	12	12	12	11	11	11	11	11
10240	11	11	11	10	10	9	8	8	8	7
10250	7	7	6	6	5	5	4	4	4	4
10260	4	3	3	3	3	2	2	2	1	1
10270	0	0	0	0	-1	-2	-3	-3	-3	-3
10280	-3	-4	-4	-4	-5	-6	-6	-6	-7	-7
10290	-8	-9	-9	-10	-10	-11	-11	-11	-12	-12
10300	-12	-12	-12	-13	-13	-13	-13	-13	-14	-14
10310	-13	-14	-14	-14	-14	-14	-14	-14	-14	-14
10320	-13	-13	-13	-13	-13	-12	-12	-12	-11	-11
10330	-11	-10	-10	-9	-9	-8	-7	-7	-6	-6
10340	-6	-5	-5	-4	-4	-3	-3	-3	-2	-2
10350	0	0	1	2	3	4	4	4	6	7
10360	8	9	10	11	12	13	14	15	16	16
10370	16	17	18	19	20	21	21	22	22	22
10380	22	23	24	24	25	25	25	26	26	26
10390	26	26	26	27	27	27	27	27	27	27
10400	27	27	27	28	28	28	26	26	25	25
10410	24	24	23	22	22	21	20	19	18	19
10420	17	16	15	14	13	12	10	9	8	7
10430	6	5	5	4	3	2	1	0	0	-1
10440	-2	-2	-3	-4	-5	-6	-7	-8	-9	-9
10450	-10	-11	-11	-13	-13	-13	-15	-15	-16	-16
10460	-17	-18	-18	-19	-19	-20	-20	-20	-21	-21
10470	-21	-21	-21	-21	-21	-21	-21	-21	-21	-21
10480	-20	-19	-19	-18	-17	-16	-16	-15	-14	-14
10490	-13	-12	-11	-10	-9	-8	-7	-5	-4	-4
10500	-3	-2	-1	0	0	1	2	3	4	5
10510	7	8	8	9	10	11	11	11	11	11
10520	11	11	11	11	10	9	9	8	8	7
10530	6	6	5	5	4	4	3	2	1	1
10540	0	0	0	-1	-1	-2	-3	-3	-4	-4
10550	-5	-5	-6	-7	-7	-8	-8	-9	-10	-10
10560	-11	-12	-13	-13	-14	-15	-16	-16	-17	-17
10570	-17	-18	-19	-19	-20	-20	-20	-19	-19	-19
10580	-19	-19	-18	-18	-18	-17	-18	-17	-16	-15
10590	-15	-14	-13	-13	-12	-12	-11	-10	-9	-8
10600	-8	-7	-6	-5	-4	-3	-3	-1	-1	-1
10610	0	0	1	2	3	4	5	5	6	6
10620	7	7	8	9	10	10	10	10	10	10
10630	10	10	9	8	8	7	7	6	6	6
10640	10	9	8	8	7	7	7	6	6	6
10650	6	5	5	5	5	4	4	3	3	3
10660	2	2	1	1	0	0	0	0	-1	-1
10670	-1	-1	-2	-2	-2	-2	-3	-3	-3	-3
10680	-3	-4	-4	-4	-5	-5	-6	-6	-7	-7
10690	-8	-9	-9	-10	-11	-11	-12	-12	-13	-13
10700	-13	-13	-14	-14	-15	-15	-16	-16	-16	-16
10710	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
10720	-14	-15	-15	-15	-14	-13	-13	-13	-12	-12
10730	-11	-11	-10	-9	-8	-8	-7	-6	-6	-6
10740	-5	-5	-4	-4	-3	-3	-2	-2	-1	-1

CONTINUED ( M-186 W165 )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
11290	-13	-13	-14	-15	-16	-17	-17	-17	-18	-19
11300	-19	-20	-20	-21	-22	-22	-22	-22	-22	-23
11310	-23	-23	-23	-23	-23	-23	-23	-23	-23	-24
11320	-20	-20	-19	-19	-18	-17	-17	-16	-16	-15
11330	-15	-14	-13	-12	-11	-10	-9	-9	-8	-7
11340	-4	-5	-4	-4	-4	-4	-4	-4	-4	-3
11350	4	5	7	8	9	11	12	13	14	15
11360	16	18	19	20	20	21	21	22	22	23
11370	24	24	24	25	25	25	25	25	25	25
11380	26	25	25	25	25	25	25	25	25	25
11390	24	24	23	22	22	21	21	19	18	18
11400	17	17	16	15	15	14	14	13	13	13
11410	12	12	11	11	11	10	10	9	8	8
11420	7	7	6	5	4	4	3	3	2	1
11430	0	0	0	0	0	-1	-1	-1	-1	-1
11440	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11450	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11460	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11470	0	0	0	0	0	0	0	0	0	0
11480	1	1	1	1	1	1	1	1	1	1
11490	1	1	1	1	1	1	1	1	1	1
11500	2	2	2	2	2	2	2	2	2	2
11510	3	3	3	3	3	3	3	3	3	3
11520	3	2	2	2	2	2	2	2	2	2
11530	0	0	-1	-1	-1	-2	-2	-2	-3	-3
11540	-3	-3	-3	-3	-3	-4	-4	-4	-4	-4
11550	-5	-5	-5	-5	-6	-6	-6	-7	-7	-8
11560	-7	-7	-10	-11	-11	-12	-13	-13	-14	-15
11570	-13	-16	-16	-17	-17	-17	-18	-18	-19	-19
11580	-19	-19	-19	-19	-19	-20	-20	-20	-20	-20
11590	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
11600	-17	-16	-16	-15	-15	-14	-14	-13	-13	-13
11610	-12	-12	-12	-10	-9	-8	-8	-7	-6	-5
11620	-4	-4	-3	-1	0	0	1	1	1	2
11630	3	4	4	4	4	5	5	5	5	5
11640	5	5	5	5	5	5	5	5	5	5
11650	5	5	5	5	5	5	5	5	5	5
11660	2	2	1	1	0	0	-1	-1	-1	-2
11670	-3	-3	-4	-4	-4	-5	-5	-5	-6	-7
11680	-7	-8	-9	-8	-9	-10	-10	-11	-11	-12
11690	-12	-13	-13	-13	-13	-13	-13	-13	-13	-13

END

RECORD = S-1055 COMPONENT = N15E  
DATE AND TIME = 1978-01-15-07-31  
TOTAL NUMBER OF DATA = 7050  
SAMPLING INTERVAL = 0.010 (SEC)  
UNIT = 0.1 GAL  
CONNECTION POINT IN DATA NUMBER = 4533; 7050.

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	0	0	1	3	4	5	6	7	8	7
10	5	1	1	0	-2	-5	-8	-8	-11	-10
20	-9	-8	-6	-4	-2	0	2	4	3	1
30	-1	0	1	2	2	0	0	-5	-8	-9
40	-9	-9	-9	-9	-10	-10	-9	-8	-6	-4
50	-1	2	5	6	5	5	6	5	4	1
60	0	-2	-4	-6	-10	-13	-15	-16	-17	-17
70	-16	-14	-15	-16	-18	-17	-15	-12	-6	0
80	8	14	15	11	6	0	-6	-13	-18	-18
90	-14	-15	-12	-12	-15	-17	-20	-20	-21	-21
100	-21	-19	-19	-17	-12	-11	2	4	6	11
110	13	15	18	21	26	32	38	41	42	40
120	34	30	28	28	30	30	24	13	4	-10
130	-19	-27	-34	-38	-41	-43	-44	-35	-27	-32
140	-15	-12	-8	-3	2	5	11	21	39	36
150	41	45	42	32	24	18	13	13	12	9
160	12	12	18	25	26	17	5	-3	-10	-17
170	-20	-25	-30	-34	-33	-30	-31	-31	-34	-40
180	-44	-44	-35	-24	-13	1	7	6	7	9
190	13	13	15	16	20	25	31	25	20	11
200	1	-7	-15	-18	-17	-13	-10	-5	-9	-10
210	-13	-16	-14	-16	-18	-13	-10	-10	-15	-19
220	-28	-28	-24	-14	-4	12	34	33	28	18
230	4	-2	-4	-7	0	4	8	15	16	19
240	19	15	13	19	20	20	12	9	5	-2
250	-9	-9	-2	13	25	35	36	35	34	33
260	32	30	36	38	38	35	30	26	14	2
270	-9	-11	-8	-3	-10	-18	-29	-43	-51	-55
280	-47	-41	-35	-27	-23	-22	-14	-7	5	5
290	17	27	35	37	30	23	18	18	24	28
300	40	45	45	47	37	30	17	6	-11	-32
310	-35	-35	-40	-41	-24	-1	9	19	19	13
320	-60	-49	-49	-41	-24	-1	9	19	19	13
330	14	14	18	24	24	26	40	64	74	82
340	63	54	43	39	38	39	25	17	6	8
350	-28	-48	-61	-65	-63	-53	-43	-31	-17	-3
360	6	15	19	21	18	21	28	41	48	41
370	36	28	16	-37	-42	-43	-40	-29	-22	-21
380	9	0	-16	-28	-29	-29	-25	-22	-16	-5
390	-21	-24	-24	-24	-17	23	30	38	26	6
400	-3	3	9	12	17	23	30	38	26	6
410	16	-1	-24	-39	-48	-54	-53	-43	-36	-28
420	-25	-16	-13	-12	-7	-5	-4	1	4	10
430	8	8	8	9	6	1	-3	-10	-14	-19
440	-26	-31	-37	-43	-42	-33	-25	-15	-3	6
450	18	27	37	41	44	45	54	59	71	79
460	88	97	99	98	91	85	72	53	37	17
470	0	-8	-11	-9	-13	-20	-24	-28	-33	-40
480	-41	-51	-55	-61	-61	-50	-43	-36	-32	-28

TO BE CONTINUED



CONTINUED ( S-1055 N15E )										CONTINUED ( S-1055 N15E )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	-28	-21	-14	0	16	41	64	75	81	78	1030	-103	-120	-113	-95	-58	-26	2	51	80	68
500	71	84	51	43	36	34	32	32	42	0	1040	77	64	47	24	31	20	24	31	35	38
510	-10	-29	-47	-61	-71	-70	-67	-74	-76	-76	1050	22	21	30	31	41	47	38	31	34	24
520	-78	-79	-79	-79	-79	-74	-68	-61	-46	-37	1060	28	22	31	39	47	53	51	51	51	56
530	-23	-5	2	3	-2	-13	-23	-67	-32	-23	1070	59	66	59	44	37	11	-19	-29	-24	8
540	-14	-6	-2	-4	-7	-12	-13	-9	1	4	1080	13	25	38	38	31	19	10	2	3	5
550	12	22	29	34	32	34	37	41	44	51	1090	-1	-15	-29	-46	-85	-85	-99	-102	-102	-95
560	74	97	111	119	113	105	89	76	87	57	1100	-88	-77	-71	-46	-28	-20	-34	-12	-5	-2
570	58	57	66	74	83	95	90	78	37	0	1110	0	2	8	17	40	58	59	64	54	38
580	-40	-66	-89	-104	-119	-127	-136	-136	-130	-119	1120	18	0	-10	-20	-25	-29	-26	-19	-21	-20
590	-97	-58	-4	40	93	122	130	132	125	170	1130	-28	-32	-34	-32	-49	-54	-53	-56	-59	-60
600	124	126	132	126	114	92	68	48	28	14	1140	-64	-69	-72	-66	-51	-30	-10	3	14	14
610	13	7	6	3	8	-3	-3	-11	-23	-31	1150	16	18	17	20	20	31	37	49	66	88
620	-35	-35	-38	-49	-60	-75	-99	-119	-132	-126	1160	107	124	137	147	148	136	116	96	88	33
630	-41	-138	-141	-138	-115	-87	-68	-45	-33	-22	1170	-3	-37	-60	-73	-77	-74	-65	-48	-39	-34
640	-5	3	17	30	49	63	68	70	79	84	1180	33	28	24	19	8	-4	-11	-16	-11	29
650	88	92	83	71	53	24	-6	-37	-45	-46	1190	33	28	24	19	8	-4	-11	-16	-11	29
660	-41	-34	-61	-65	-60	-62	-82	-95	-108	-110	1200	1	5	2	-6	-18	-34	-55	-65	-75	-79
670	-87	-74	-74	-61	-60	-67	-65	-57	-49	-28	1210	-79	-71	-64	-55	-46	-40	-37	-40	-45	-46
680	-7	7	28	57	93	137	164	187	187	177	1220	45	36	-24	-2	26	49	79	92	92	84
690	155	113	95	15	-15	-33	-21	-13	-8	-20	1230	59	16	-9	-9	-41	-52	-62	-63	-61	59
700	-44	-81	-103	-109	-102	-61	-54	-42	-2	19	1240	-84	-53	-59	-66	-73	-79	-80	-75	-62	-51
710	29	39	49	55	50	34	19	0	-21	-39	1250	-15	7	57	92	111	121	118	114	107	95
720	-49	-49	-40	-23	0	22	42	33	18	2	1260	64	78	69	62	58	52	51	57	63	70
730	-32	-67	-103	-126	-127	-120	-96	-69	-44	-28	1270	74	89	83	53	44	39	37	36	35	27
740	-16	-14	-20	-23	-23	-24	-16	0	13	25	1280	21	21	12	14	16	20	26	34	49	82
750	42	57	71	95	119	142	144	127	93	34	1290	64	59	43	26	10	-7	-19	-37	-43	-50
760	-20	-59	-71	-72	-63	-53	-40	-28	-36	-43	1300	-52	-51	-50	-48	-47	-44	-45	-46	-50	-56
770	-58	-72	-63	-90	-88	-77	-57	-52	-9	11	1310	-59	-63	-63	-63	-54	-47	-42	-38	-39	-44
780	38	59	63	56	48	39	33	37	44	53	1320	-50	-58	-65	-72	-77	-78	-78	-76	-63	-44
790	60	74	83	87	84	81	74	72	75	79	1330	-29	-12	-9	-2	5	2	-1	-6	-9	-14
800	68	81	85	87	-1	-55	-84	-95	-92	-81	1340	-12	-9	-4	1	5	9	6	1	-11	-28
810	-59	-47	-37	-35	-40	-48	-55	-62	-66	-63	1350	-41	-49	-52	-52	-41	-22	-3	11	25	24
820	-57	-53	-42	-32	-31	-43	-50	-73	-90	-101	1360	17	9	1	-1	-6	-10	-6	0	4	9
830	-103	-94	-76	-19	43	132	184	211	206	170	1370	22	30	41	51	49	45	42	38	34	35
840	111	69	-2	-21	-29	-22	-6	7	23	37	1380	44	63	73	95	104	104	97	90	83	75
850	48	45	33	22	7	-5	-10	-9	-7	-3	1390	61	49	37	25	10	6	6	6	13	20
860	-1	0	3	2	1	-7	-27	-51	-92	-150	1400	23	29	30	31	31	25	19	11	-1	-3
870	-197	-197	-170	-131	-71	-77	-55	63	91	118	1410	-2	-6	-11	-16	-34	-34	-49	-67	-95	-123
880	134	140	144	149	161	182	207	220	231	225	1420	-135	-140	-139	-141	-133	-120	-104	-87	-67	-41
890	217	206	181	154	126	84	39	-17	-63	-97	1430	15	4	24	48	70	85	105	114	124	131
900	-128	-152	-169	-175	-173	-164	-154	-143	-131	-126	1440	139	142	143	138	116	81	47	26	14	14
910	-122	-112	-115	-111	-88	-71	-53	-35	-28	-18	1450	8	10	16	10	0	-23	-48	-68	-91	-104
920	-4	5	19	33	33	31	117	172	213	222	1460	-112	-119	-120	-113	-105	-89	-71	-52	-34	-22
930	193	164	62	64	38	23	8	-10	-28	-59	1470	-13	-15	-17	-16	-14	-4	1	6	14	15
940	-76	-80	-85	-11	-38	-53	-36	-44	-52	-53	1480	11	8	8	13	14	15	17	16	20	22
950	-48	-35	-11	8	23	39	50	62	71	80	1490	23	26	26	21	6	9	24	30	27	24
960	85	80	73	53	34	15	3	-5	-9	-9	1500	-58	-48	-36	-21	-6	9	24	30	27	24
970	0	8	13	7	-5	-21	-37	-50	-67	-80	1510	23	26	26	21	-6	9	24	30	27	24
980	-85	-78	-65	-55	-45	-34	-30	-30	-42	-42	1520	91	85	67	49	28	8	-11	-21	-29	-25
990	-38	-33	-30	-26	-23	-26	-31	-30	-28	-29	1530	-22	-15	-13	-14	-17	-14	-16	-16	-14	-7
1000	-38	-48	-59	-68	-68	-118	-146	-141	-109	-61	1540	-1	4	18	33	52	65	72	76	76	70
1010	0	47	96	122	132	121	111	89	54	30	1550	64	62	54	41	25	14	0	-7	-7	-8
1020	16	12	22	42	66	59	36	-21	-60	-60	1560	-7	-7	-14	-14	-25	-34	-44	-58	-69	-80

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1055 N45E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	-87	-88	-88	-86	-82	-83	-86	-93	-103	-112
1580	-114	-114	-115	-110	-105	-95	-88	-82	-77	-77
1590	-80	-83	-84	-89	-90	-91	-89	-84	-83	-77
1600	-73	-70	-70	-72	-73	-75	-67	-49	-37	-24
1610	-7	2	9	13	22	28	39	46	37	67
1620	83	95	99	97	86	77	67	58	56	60
1630	65	70	70	72	72	72	75	75	73	73
1640	57	60	53	42	27	11	1	-15	-33	-58
1650	-68	-91	-104	-105	-106	-101	-96	-88	-81	-76
1660	-66	-59	-53	-44	-41	-27	-19	-12	1	8
1670	16	31	44	51	55	56	54	51	46	36
1680	31	26	17	9	-8	-21	-42	-70	-84	-96
1690	-106	-104	-97	-87	-77	-59	-42	-41	-36	-25
1700	-18	-13	-4	-1	0	6	19	41	64	87
1710	106	123	132	129	119	111	105	90	86	81
1720	81	80	73	64	58	47	38	24	16	9
1730	2	-2	-4	-5	-4	-1	0	3	13	18
1740	27	34	41	46	51	52	50	49	47	43
1750	45	45	42	38	34	24	10	-5	-39	-39
1760	-55	-76	-84	-89	-89	-89	-84	-77	-63	-43
1770	-53	-46	-43	-42	-40	-38	-38	-36	-27	-19
1780	-6	0	5	4	0	-6	-16	-16	-18	-23
1790	-21	-23	-24	-31	-31	-30	-37	-48	-50	-53
1800	-63	-74	-81	-90	-95	-97	-100	-97	-88	-80
1810	-60	-61	-61	-61	5	10	14	20	24	28
1820	29	25	25	23	19	12	8	-4	-23	-46
1830	-75	-89	-101	-112	-109	-105	-97	-88	-78	-68
1840	-57	-51	-43	-35	-22	-10	-1	6	19	31
1850	50	55	62	72	76	74	66	63	54	42
1860	35	28	25	22	22	22	20	14	8	3
1870	-12	-25	-35	-46	-53	-56	-53	-49	-45	-37
1880	-27	-18	-5	-1	4	11	17	24	31	41
1890	47	55	63	66	62	54	42	26	13	1
1900	-15	-26	-31	-28	-24	-27	-21	-15	-10	-10
1910	-8	-7	-11	-14	-16	-17	-16	-16	-15	-13
1920	5	12	20	30	37	46	49	47	45	38
1930	34	25	15	13	8	4	6	6	6	5
1940	-1	-5	-8	-15	-20	-18	-14	-5	1	6
1950	12	16	17	16	19	17	21	26	31	39
1960	51	74	90	100	105	104	97	96	89	80
1970	72	61	53	35	25	18	13	12	11	11
1980	72	61	53	35	25	18	13	12	11	11
1990	3	-17	-42	-44	-42	-44	-46	-46	-43	-40
2000	-37	-35	-34	-34	-34	-34	-42	-42	-42	-50
2010	-50	-51	-47	-43	-35	-26	-19	-16	-10	-6
2020	5	-7	-6	-8	-11	-12	-10	-4	-2	-2
2030	0	-1	-6	-11	-18	-22	-33	-35	-36	-45
2040	-37	-26	-27	-30	-33	-32	-31	-26	-22	-16
2050	-13	-15	-15	-15	-12	-6	-8	-3	2	7
2060	8	9	16	21	33	40	48	58	65	71
2070	46	63	57	51	42	30	25	19	11	8
2080	2	0	-4	-4	-11	-18	-18	-18	-13	-11
2090	-3	2	6	6	9	10	9	9	6	5
2100	-2	2	0	0	0	2	3	3	3	5

TO BE CONTINUED

CONTINUED( S-1055 N45E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	3	0	-5	-12	-19	-25	-31	-33	-33	-35
2120	-37	-42	-43	-45	-47	-47	-46	-46	-39	-34
2130	-25	-17	-13	-5	0	2	5	7	4	2
2140	0	-2	0	0	0	2	5	5	2	2
2150	-1	-4	-15	-25	-32	-39	-47	-52	-52	-53
2160	-52	-46	-38	-34	-31	-25	-22	-22	-13	-4
2170	4	15	27	41	52	61	67	72	75	79
2180	77	72	72	68	62	55	49	43	39	37
2190	27	21	17	12	3	-4	-12	-19	-25	-30
2200	-34	-33	-33	-34	-34	-34	-34	-33	-30	-27
2210	-26	-24	-21	-21	-19	-16	-12	-7	-5	-2
2220	-2	-8	-9	-9	-6	-4	-2	1	1	1
2230	1	2	2	0	-3	-4	-4	-4	-4	-4
2240	-14	-16	-20	-22	-21	-19	-16	-19	-21	-22
2250	-28	-28	-27	-25	-24	-23	-20	-16	-13	-6
2260	0	3	7	10	14	19	24	26	26	26
2270	34	35	31	28	26	25	27	29	32	29
2280	23	20	11	2	2	4	-6	-12	-14	-15
2290	-16	-16	-16	-16	-17	-16	-17	-18	-18	-20
2300	-52	-26	-26	-26	-26	-27	-26	-24	-23	-23
2310	-22	-26	-26	-26	-27	-26	-24	-24	-21	-19
2320	-18	-20	-20	-20	-19	-11	-10	-7	-1	3
2330	6	6	6	6	9	7	4	2	0	0
2340	-1	-2	0	0	0	0	-1	-4	-6	-7
2350	-8	-9	-8	-7	-4	-3	0	4	5	4
2360	12	19	29	40	55	65	73	81	89	91
2370	94	95	97	96	94	92	86	81	70	62
2380	56	50	45	38	38	36	32	26	19	13
2390	8	4	-2	-6	-8	-8	-11	-14	-15	-21
2400	-27	-32	-38	-43	-46	-48	-50	-52	-53	-53
2410	-50	-47	-44	-40	-39	-36	-36	-33	-31	-29
2420	-27	-22	-22	-19	-17	-17	-17	-18	-18	-21
2430	-25	-29	-33	-33	-33	-38	-40	-39	-37	-33
2440	-32	-38	-43	-44	-47	-47	-48	-48	-46	-47
2450	-41	-40	-37	-31	-25	-20	-11	2	11	21
2460	32	42	48	56	62	69	75	80	85	87
2470	87	82	86	88	85	83	82	83	85	85
2480	82	76	74	71	65	52	46	39	28	21
2490	14	6	-2	-12	-20	-28	-35	-41	-48	-54
2500	-55	-55	-56	-56	-59	-60	-65	-66	-61	-61
2510	-59	-55	-51	-42	-36	-26	-21	-8	2	10
2520	17	23	27	25	26	26	24	22	20	17
2530	14	9	3	-3	-13	-20	-28	-35	-40	-41
2540	-41	-38	-34	-30	-25	-21	-15	-10	-11	-11
2550	-11	-11	-11	-8	-5	-3	2	2	4	5
2560	11	21	27	31	29	33	36	36	39	43
2570	46	46	45	46	47	49	48	46	42	36
2580	33	30	27	26	25	25	25	25	27	27
2590	29	29	31	30	29	29	29	29	25	24
2600	24	26	26	26	29	29	30	28	26	25
2610	24	25	26	27	29	29	30	27	24	18
2620	42	42	40	36	33	31	28	25	26	28
2630	30	31	30	29	28	26	24	21	16	7
2640	4	4	4	4	2	1	2	4	4	4

TO BE CONTINUED

CONTINUED( 8-1055 N15E )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2450	7	8	8	6	4	3	3	3	3	3
2660	4	3	4	0	0	0	0	0	0	0
2670	-21	-21	-21	-23	-27	-27	-28	-28	-28	-28
2680	-35	-39	-41	-45	-48	-56	-59	-59	-59	-59
2690	-58	-56	-59	-62	-67	-73	-75	-75	-75	-75
2700	-73	-69	-64	-60	-56	-55	-55	-55	-55	-55
2710	-51	-44	-40	-36	-29	-22	-16	-9	-6	-7
2720	-6	-8	-9	-14	-17	-19	-21	-21	-21	-20
2730	-19	-18	-16	-14	-14	-13	-12	-11	-10	-10
2740	-6	-5	-1	6	10	12	16	18	20	22
2750	25	28	29	29	26	26	27	32	35	35
2760	38	42	45	49	54	54	54	55	55	57
2770	57	57	55	55	55	53	50	48	47	45
2780	45	44	44	42	41	38	35	30	26	26
2790	22	11	4	3	-4	-15	-18	-22	-27	-32
2800	-32	-32	-32	-32	-32	-32	-32	-33	-33	-35
2810	-38	-40	-42	-42	-42	-42	-42	-42	-41	-40
2820	-35	-31	-27	-26	-23	-20	-17	-13	-13	-13
2830	-12	-10	-8	-7	-6	-6	-6	-6	-6	-5
2840	-3	-2	-1	1	2	3	5	7	7	2
2850	-3	-4	-5	-6	-11	-13	-14	-14	-14	-15
2860	-12	-12	-11	-10	-11	-10	-9	-8	-10	-10
2870	-40	-8	-7	-7	-7	-5	-4	-2	0	1
2880	2	6	11	16	21	25	29	31	28	28
2890	26	26	27	27	28	28	30	32	30	29
2900	26	23	18	13	6	0	-5	-11	-15	-19
2910	-22	-29	-32	-32	-31	-28	-24	-22	-22	-24
2920	-24	-19	-16	-15	-14	-16	-15	0	0	1
2930	1	5	6	9	13	16	21	25	26	26
2940	25	24	24	25	24	24	24	19	18	16
2950	11	5	4	2	-1	-2	-1	-2	-2	-1
2960	-3	-6	-9	-5	-6	-5	-5	-5	-5	-5
2970	-3	-1	2	6	9	10	13	17	20	22
2980	24	27	28	33	35	33	29	27	28	26
2990	26	26	24	25	25	25	25	25	25	25
3000	27	27	26	23	22	22	19	19	15	11
3010	8	6	4	4	4	5	4	4	4	4
3020	4	5	6	4	8	6	10	10	10	10
3030	12	13	13	13	14	14	12	13	13	12
3040	11	11	11	10	8	6	4	1	0	-3
3050	-9	-13	-17	-18	-18	-18	-21	-22	-23	-23
3060	-23	-23	-23	-24	-25	-26	-27	-28	-28	-28
3070	-28	-28	-29	-30	-30	-30	-30	-30	-29	-29
3080	-28	-28	-27	-26	-24	-23	-18	-12	-10	-4
3090	3	5	8	13	13	10	9	6	7	6
3100	5	5	5	5	5	5	5	6	6	5
3110	3	2	1	0	0	0	0	0	3	3
3120	5	9	9	12	17	21	24	30	35	40
3130	45	45	44	44	46	49	51	51	48	41
3140	40	36	32	25	21	17	15	15	14	9
3150	6	5	0	-8	-15	-19	-21	-24	-27	-29
3160	-32	-33	-33	-33	-33	-33	-34	-36	-35	-35
3170	-35	-35	-35	-35	-33	-33	-30	-27	-26	-26
3180	-22	-18	-14	-13	-11	-10	-10	-10	-10	-9

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1055 N15E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3730	-28	-27	-25	-23	-21	-20	-20	-20	-20	-20
3740	-20	-20	-20	-20	-21	-21	-21	-21	-21	-21
3750	-21	-22	-27	-27	-26	-26	-27	-27	-27	-27
3760	-27	-28	-27	-25	-24	-24	-22	-21	-20	-19
3770	-18	-17	-13	-17	-8	-6	-5	-5	-5	-5
3780	-5	-7	-3	-4	-7	-7	-8	-7	-9	-11
3790	-8	-5	-3	-4	-7	-5	-4	-4	-3	-2
3800	0	0	1	4	7	9	11	14	16	20
3810	23	27	30	31	31	31	34	35	36	37
3820	41	43	46	49	51	51	52	56	58	59
3830	59	58	58	59	58	58	56	58	58	56
3840	56	56	57	56	57	57	57	57	54	55
3850	53	52	52	49	48	45	40	34	28	22
3860	17	15	12	11	8	4	1	5	2	1
3870	1	0	1	4	5	-6	-11	-15	-17	-18
3880	-20	-22	-23	-26	-30	-29	-32	-36	-40	-43
3890	-45	-49	-52	-53	-55	-57	-61	-61	-61	-62
3900	-64	-67	-69	-69	-69	-67	-61	-57	-50	-49
3910	-47	-53	-56	-53	-49	-43	-40	-19	-15	-12
3920	-9	-6	-3	0	1	0	0	0	0	0
3930	-1	-3	-3	-3	-3	0	0	1	1	1
3940	1	2	4	4	3	3	4	4	3	2
3950	2	2	2	1	2	3	4	4	5	7
3960	9	11	12	14	16	18	18	18	18	21
3970	20	18	18	19	18	20	20	20	19	20
3980	16	14	12	12	12	12	11	11	10	10
3990	8	7	8	8	8	8	9	9	9	10
4000	11	12	11	12	11	12	12	12	13	13
4010	16	18	18	19	20	22	25	29	29	29
4020	29	29	27	26	26	23	22	20	19	15
4030	13	12	9	6	0	-1	-5	-5	-4	-7
4040	-8	-8	-6	-9	-7	-7	-7	-7	-7	-7
4050	-7	-7	-5	-5	-6	-6	-6	-6	-6	-6
4060	-6	-6	-5	-5	-5	-5	-5	-5	-5	-5
4070	-1	0	1	1	0	0	0	0	0	0
4080	0	0	0	0	0	0	1	1	2	2
4090	3	3	5	6	8	9	11	14	16	19
4100	21	24	29	25	25	25	24	23	23	21
4110	20	20	20	21	21	21	22	22	23	23
4120	23	25	29	29	30	30	32	32	32	33
4130	33	34	36	40	39	37	35	33	32	27
4140	23	23	23	22	20	19	17	15	10	9
4150	10	9	8	8	10	10	9	10	10	10
4160	10	10	10	10	10	10	10	11	12	14
4170	15	14	10	9	7	6	3	2	0	-1
4180	-2	-3	-3	-10	-10	-10	-11	-11	-11	-11
4190	-11	-11	-11	-11	-10	-10	-10	-11	-11	-11
4200	-10	-8	-6	-6	-6	-4	-3	-3	-2	0
4210	1	1	2	2	3	4	4	4	4	4
4220	2	2	2	2	3	4	4	4	4	4
4230	2	2	2	1	1	1	1	1	2	2
4240	2	2	2	3	3	4	4	4	4	4
4250	4	6	6	6	6	7	7	7	7	6
4260	9	6	6	6	5	5	5	5	5	5

TO BE CONTINUED

CONTINUED ( S-1055 N15E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	5	5	5	4	4	4	4	4	4	4
4280	4	4	4	4	4	4	4	4	4	4
4290	2	2	2	2	2	2	2	2	2	2
4300	7	7	8	9	9	10	12	13	13	14
4310	14	14	14	14	15	17	18	18	18	20
4320	21	21	21	21	21	21	21	21	21	21
4330	15	15	15	15	15	15	15	15	15	15
4340	14	13	13	13	13	13	13	13	13	14
4350	17	18	18	17	17	17	17	17	17	17
4360	17	17	17	18	20	21	22	22	22	26
4370	31	33	36	38	37	38	38	37	35	34
4380	33	32	31	30	30	30	30	29	26	24
4390	21	18	17	16	16	14	11	9	5	4
4400	4	4	4	3	2	2	4	4	4	4
4410	4	4	5	7	9	9	10	10	10	10
4420	11	11	10	11	12	10	10	8	5	3
4430	-1	-5	-6	-7	-7	-7	-7	-8	-9	-9
4440	-9	-9	-10	-9	-9	-10	-15	-13	-10	-11
4450	-8	-9	-8	-6	-4	-4	-4	-4	-3	-2
4460	0	0	0	0	3	7	8	10	11	11
4470	12	13	13	12	12	12	12	12	11	11
4480	10	10	10	8	7	5	5	5	2	-2
4490	-4	-6	-7	-8	-8	-8	-9	-9	-8	-8
4500	-8	-6	-4	-3	0	1	7	11	12	13
4510	17	19	20	20	21	22	22	22	23	24
4520	23	23	24	24	27	24	24	27	28	28
4530	30	30	29	29	28	28	27	27	27	28
4540	25	23	23	23	24	23	23	22	22	22
4550	22	22	22	25	26	26	24	24	23	28
4560	28	28	28	30	30	31	31	31	31	32
4570	32	31	29	27	24	24	24	24	24	24
4580	23	22	20	20	19	19	18	17	16	16
4590	16	16	15	14	13	12	12	12	11	9
4600	7	6	6	6	6	6	7	6	6	6
4610	6	6	5	5	5	5	5	5	5	5
4620	9	10	8	9	9	9	9	8	8	8
4630	9	10	8	9	9	9	9	9	9	9
4640	5	5	5	5	5	5	5	5	5	5
4650	1	1	1	1	1	1	1	1	1	1
4660	1	2	2	2	2	2	2	2	2	2
4670	4	4	4	4	4	4	4	4	4	4
4680	4	4	4	4	4	4	4	4	4	4
4690	4	7	9	10	11	10	11	11	12	13
4700	14	13	14	14	14	14	14	14	14	14
4710	14	14	14	14	14	14	14	14	14	14
4720	13	13	14	15	15	15	15	15	15	15
4730	17	17	17	17	17	17	17	17	17	17
4740	19	20	21	21	21	21	20	20	20	18
4750	16	16	16	14	14	14	14	14	14	14
4760	13	13	14	14	15	15	15	15	15	15
4770	19	19	19	19	19	19	19	19	19	18
4780	7	6	4	3	3	3	3	3	3	3
4790	1	1	1	1	1	1	1	1	1	1
4800	4	4	4	4	4	4	4	4	4	4

TO BE CONTINUED

CONTINUED( S-1055 N15E )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4810	8	9	10	9	9	9	8	9	10	10
4820	9	10	10	10	10	10	10	10	10	10
4830	9	10	10	11	11	11	12	13	14	15
4840	15	15	17	18	19	19	19	18	15	13
4850	12	11	11	11	11	11	11	11	11	11
4860	11	11	11	11	11	11	11	11	11	12
4870	4	11	11	11	11	11	11	10	9	9
4880	9	8	6	6	5	4	3	2	1	0
4890	0	-2	-3	-5	-6	-7	-7	-7	-9	-9
4900	0	-8	-8	-8	-8	-8	-8	-6	-6	-6
4910	-6	-6	-6	-5	-5	-5	-5	-4	-4	-4
4920	-6	-6	-4	-4	-4	-3	-2	-2	0	0
4930	1	3	4	4	4	4	4	7	9	9
4940	9	10	12	12	12	12	12	12	11	12
4950	13	13	13	13	13	13	13	13	13	13
4960	14	13	13	12	12	12	12	11	12	11
4970	12	12	12	11	12	13	12	13	14	14
4980	14	14	15	16	16	16	16	16	16	16
4990	14	16	16	16	16	16	16	16	16	16
5000	15	14	14	14	14	13	14	12	11	12
5010	11	11	11	11	11	11	11	11	11	12
5020	12	11	11	12	12	12	12	12	12	12
5030	12	14	14	13	13	13	12	12	10	11
5040	10	10	7	7	7	7	6	6	6	6
5050	8	9	7	8	8	9	10	11	13	12
5060	14	14	14	14	14	14	14	13	13	13
5070	10	9	5	-3	0	-1	-2	-5	-5	-5
5080	-5	-5	-5	-5	-5	-5	-5	-5	-6	-6
5090	-5	-5	-5	-4	-4	-3	-2	0	0	0
5100	1	3	4	5	7	8	8	8	10	11
5110	12	13	14	14	13	13	11	11	10	11
5120	11	10	11	10	10	10	10	10	10	10
5130	10	10	9	8	8	8	8	8	8	8
5140	4	4	4	4	4	4	4	4	4	4
5150	2	2	2	2	2	2	2	2	2	2
5160	-5	-6	-7	-11	-11	-12	-13	-13	-14	-15
5170	-18	-20	-23	-23	-23	-23	-23	-23	-23	-23
5180	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
5190	-23	-21	-21	-20	-20	-20	-20	-19	-19	-19
5200	-19	-17	-15	-14	-13	-13	-12	-11	-9	-8
5210	1	1	1	2	2	2	2	2	4	4
5220	1	1	1	1	1	1	1	1	1	1
5230	14	14	14	14	14	14	14	14	14	14
5240	31	31	31	31	31	31	31	31	31	31
5250	30	31	43	46	46	45	42	41	41	41
5260	37	37	36	32	28	27	22	21	20	18
5270	17	15	15	12	11	10	10	10	10	10
5280	10	11	12	10	10	10	9	8	8	8
5290	6	9	9	9	9	9	9	9	9	9
5300	7	6	5	4	4	4	4	4	4	4
5310	3	3	2	1	0	-2	-3	-3	-4	-5
5320	-5	-5	-6	-6	-6	-6	-6	-6	-6	-6
5330	-9	-9	-10	-10	-10	-10	-10	-10	-10	-10
5340	-14	-15	-16	-16	-16	-16	-16	-16	-16	-16

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1055 NISE )										CONTINUED( S-1055 NISE )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5900	18	16	18	21	22	22	20	22	-8	-8	6430	-5	-6	-13	-14	-8	-9	-10	-12	-12	
5900	24	25	26	27	27	27	27	27	-14	-14	6440	-14	-14	-13	-14	-14	-14	-14	-16	-16	
5910	28	28	27	27	27	27	27	27	-16	-16	6450	-16	-16	-16	-16	-17	-16	-16	-15	-15	
5920	22	22	22	22	22	22	22	22	-11	-11	6460	-11	-11	-11	-10	-9	-9	-8	-5	-5	
5930	22	22	21	21	21	21	21	17	-4	-4	6470	-5	-5	-4	-3	-3	-2	0	2	3	
5940	16	14	11	9	8	7	5	4	4	4	6480	3	4	4	6	6	6	6	6	6	
5950	-1	-5	-6	-6	-9	-13	-14	-13	-8	-8	6490	6	7	8	9	9	9	8	9	9	
5960	-15	-14	-14	-15	-16	-16	-17	-17	10	11	6500	9	9	10	11	12	12	12	13	12	
5970	-19	-19	-19	-20	-20	-20	-21	-23	9	9	6510	11	10	9	7	7	7	7	7	6	
5980	-24	-23	-24	-24	-24	-24	-26	-26	5	5	6520	6	5	4	3	3	3	3	3	3	
5990	-25	-25	-25	-26	-26	-26	-26	-26	-7	-7	6530	-6	-7	-7	-7	-7	-7	-7	-7	-4	
6000	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	6540	-25	-25	-25	-25	-25	-25	-26	-26	-26	
6010	-23	-24	-23	-23	-23	-23	-23	-23	-27	-27	6550	-27	-27	-27	-26	-24	-23	-23	-22	-22	
6020	-9	-6	-5	-5	-9	-17	-17	-17	-5	-5	6560	-26	-26	-26	-26	-20	-20	-18	-15	-13	
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6040	19	21	21	24	25	24	25	14	16	18	6580	7	7	8	8	8	8	8	9	9	
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6070	15	15	15	15	15	15	15	14	14	14	6610	10	10	10	10	9	9	8	5	4	
6080	14	13	11	10	10	10	9	8	7	5	6620	4	4	4	4	4	4	4	4	4	
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6100	-12	-11	-10	-10	-17	-18	-19	-19	-19	-19	6640	5	5	5	4	4	4	4	4	4	
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6140	-21	-20	-20	-20	-20	-21	-21	-21	-20	-20	6680	-1	-1	1	1	2	2	2	2	2	
6150	-20	-20	-20	-20	-19	-17	-17	-16	-15	-15	6690	5	5	5	4	4	4	4	4	5	
6160	-14	-14	-13	-13	-13	-13	-12	-12	-12	-12	6700	4	4	4	4	4	4	4	4	5	
6170	-11	-11	-11	-11	-11	-10	-8	-6	-5	-5	6710	7	7	7	7	7	7	7	7	7	
6180	10	10	9	7	6	7	8	9	9	9	6720	4	4	4	4	4	4	4	4	4	
6190	10	10	9	7	6	7	8	9	9	9	6730	3	3	3	3	3	3	3	3	3	
6200	5	3	2	1	0	0	-1	-2	-3	-3	6740	5	5	5	5	5	5	5	5	5	
6210	-4	-5	-6	-7	-8	-8	-7	-8	-8	-8	6750	2	2	2	2	2	2	1	0	-1	
6220	-9	-10	-10	-10	-10	-10	-10	-10	-10	-10	6760	-4	-4	-4	-4	-4	-4	-4	-4	-4	
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6250	-5	-6	-6	-6	-6	-6	-5	-4	-3	-3	6790	-4	-4	-4	-4	-4	-4	-4	-4	-4	
6260	-3	-2	-2	-1	0	0	0	0	1	2	6800	-4	-4	-4	-4	-4	-4	-4	-4	-4	
6270	3	3	3	3	3	3	3	3	3	3	6810	-4	-4	-4	-4	-4	-4	-4	-4	-4	
6280	13	15	13	14	15	15	15	15	15	15	6820	0	0	0	0	0	0	0	0	0	
6290	18	18	19	20	21	21	21	21	21	21	6830	1	2	2	2	2	2	2	2	2	
6300	19	19	19	17	15	15	13	12	11	11	6840	3	4	4	4	4	4	4	4	4	
6310	11	11	10	8	7	4	3	3	3	3	6850	4	4	4	4	4	4	4	4	4	
6320	2	2	0	0	-1	-2	-4	-6	-9	-9	6860	6	7	8	8	8	8	8	8	8	
6330	-10	-11	-12	-13	-14	-15	-17	-19	-20	-20	6870	8	8	8	8	8	8	8	8	8	
6340	-20	-20	-20	-20	-23	-23	-23	-23	-23	-23	6880	8	8	8	8	8	8	8	8	8	
6350	-23	-24	-23	-23	-23	-23	-23	-22	-20	-17	6890	8	8	8	8	8	8	8	8	8	
6360	-16	-14	-14	-14	-14	-13	-12	-11	-9	-6	6900	2	1	-1	-1	-1	-1	-1	-1	-1	
6370	-6	-5	-3	-2	-2	-2	0	0	0	0	6910	-3	-4	-5	-5	-5	-5	-5	-5	-5	
6380	3	3	3	3	3	3	3	3	3	3	6920	-5	-5	-5	-5	-5	-5	-5	-5	-5	
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6400	15	15	15	15	15	15	15	15	15	15	6940	-13	-13	-13	-13	-13	-13	-13	-13	-13	
6410	14	13	13	13	13	13	13	13	13	13	6950	-13	-13	-13	-13	-13	-13	-13	-13	-13	
6420	3	2	1	0	-1	-3	-3	-3	-3	-4	6960	-10	-10	-10	-9	-7	-7	-7	-7	-7	

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1055 N15E )  
 RECORD = S-1055 COMPONENT = W15N STATION = TAGONOURA-S,  
 DATE AND TIME = 1978-01-15-07-31 TOTAL NUMBER OF DATA = 7050  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC.  
 CONNECTION POINT IN DATA NUMBER= 4553, 7050,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6970	-4	-4	-4	-4	-4	-3	-2	-1	-1	-1
6980	-1	0	0	-1	-1	0	0	0	0	0
6990	0	0	0	2	2	2	2	2	2	3
7000	5	5	5	6	7	7	6	6	7	9
7010	9	10	10	10	11	12	12	13	14	14
7020	14	14	15	16	16	16	16	16	16	16
7030	17	17	16	16	16	14	13	12	12	11
7040	11	10	10	8	7	6	6	6	4	4
										END
	0	-5	-6	-7	-7	-8	-8	-9	-9	-10
	10	-8	-7	-6	-5	-4	-4	-3	-2	-3
	20	-4	-5	-4	-4	-4	-5	-7	-8	-10
	30	-14	-16	-17	-18	-19	-20	-21	-23	-24
	40	-21	-20	-18	-16	-14	-12	-11	-9	-6
	50	-2	-3	-3	-7	-7	-6	-5	-5	-4
	60	-4	-4	-6	-9	-8	-2	0	-3	-10
	70	-20	-23	-24	-23	-20	-16	-13	-10	-8
	80	-5	-4	-6	-10	-8	-5	-3	-6	-11
	90	-18	-26	-29	-31	-32	-29	-30	-24	-17
	100	-6	-6	-6	-3	0	5	10	13	15
	110	32	26	33	35	30	22	14	6	1
	120	0	1	2	4	3	1	4	4	-3
	130	-13	-16	-18	-16	-11	-7	-6	-4	-10
	140	-23	-17	-14	-9	-4	0	3	3	1
	150	0	0	-7	-14	-20	-26	-22	-13	-5
	160	12	11	4	2	-3	-8	-7	-16	-8
	170	-3	-8	-16	-18	-17	-21	-21	-23	-14
	180	-7	0	9	9	7	4	-1	-11	-18
	190	-10	-5	-7	-15	-25	-36	-46	-53	-50
	200	-47	-41	-33	-22	-7	6	12	13	9
	210	4	-1	-2	0	-6	-11	-15	-16	-9
	220	15	34	54	63	67	55	43	18	-5
	230	-42	-48	-68	-64	-43	-43	-51	-57	-54
	240	-68	-39	-30	-25	-32	-32	-30	-10	3
	250	28	28	20	13	6	0	-2	-1	4
	260	11	15	20	18	13	7	0	-8	-20
	270	-15	-22	-30	-34	-33	-26	-19	-14	-10
	280	-15	-20	-25	-36	-41	-34	-21	-6	7
	290	2	1	3	3	4	-1	4	4	3
	300	1	-3	-6	-8	-5	0	3	1	0
	310	5	-1	-10	-13	-15	-17	-14	-6	0
	320	2	-2	-4	-7	-18	-28	-42	-48	-43
	330	-34	-24	-10	1	7	8	10	6	7
	340	11	17	21	25	25	27	24	17	15
	350	7	0	-6	-7	-6	-3	1	5	3
	360	4	4	2	0	-8	-19	-27	-40	-44
	370	-43	-32	-20	-2	6	15	25	20	4
	380	-12	-6	0	2	10	6	2	-4	-14
	390	-9	-14	-15	-10	-5	0	7	11	11
	400	12	14	17	24	18	5	-8	-28	-33
	410	-59	-59	-51	-43	-33	-21	-15	-7	-5
	420	-5	0	-3	-2	0	0	0	-3	-4
	430	-13	-19	-25	-32	-33	-37	-46	-59	-76
	440	-83	-72	-57	-40	-17	13	41	55	61
	450	70	76	82	88	77	75	76	73	72
	460	71	58	43	28	13	3	-5	-6	-5
	470	-9	-15	-17	-21	-33	-47	-54	-46	-41
	480	-33	-24	-21	-19	-18	-20	-23	-27	-33

TO BE CONTINUED

CONTINUED( S-1055 W15N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	-15	-1	13	32	33	27	20	18	16	13
500	9	5	-2	-16	-32	-45	-55	-61	-57	-42
510	-28	-15	-10	4	10	9	10	10	6	7
520	8	0	-12	-26	-31	-41	-44	-52	-44	-36
530	-26	-19	-14	0	11	21	26	34	42	47
540	55	55	66	67	81	95	115	132	138	144
550	139	132	120	109	107	104	102	98	80	64
560	32	-1	-30	-70	-99	-107	-108	-96	-88	-64
570	-46	-33	-28	-23	-27	-34	-35	-34	-41	-44
580	-45	-50	-49	-41	-31	-14	3	3	-2	-16
590	-43	-63	-107	-129	-141	-149	-158	-160	-169	-175
600	-182	-175	-166	-151	-130	-96	-49	-10	29	109
610	155	176	213	200	182	168	139	115	82	53
620	20	-15	-35	-44	-33	-12	2	14	15	15
630	13	7	2	0	0	-3	-3	-3	-5	-4
640	-1	0	1	-1	-6	-24	-40	-69	-90	-97
650	-97	-79	-53	-30	10	3	8	11	7	4
660	0	-2	-8	-4	15	63	108	133	137	115
670	105	73	37	19	9	3	10	20	25	17
680	0	-22	-42	-70	-102	-142	-165	-198	-215	-219
690	-209	-189	-162	-121	-66	-37	-29	-24	-11	5
700	48	89	118	156	186	199	187	171	128	97
710	59	30	23	21	25	27	27	20	11	19
720	18	23	22	14	8	0	-3	-1	2	11
730	16	21	19	12	13	15	16	13	15	13
740	11	0	-8	-11	-8	-5	1	6	19	20
750	11	-5	-33	-54	-73	-84	-83	-71	-50	-34
760	-20	-16	-10	-17	-28	-39	-58	-94	-107	-111
770	-107	-94	-79	-73	-63	-60	-63	-57	-66	-74
780	-91	-95	-84	-53	-10	53	100	126	135	132
790	124	116	102	77	46	26	-17	-58	-89	-107
800	-109	-92	-45	0	51	87	102	109	113	116
810	102	95	90	81	74	76	77	76	74	73
820	69	55	30	6	-40	-75	-93	-97	-72	-38
830	-5	91	97	139	158	169	160	135	111	63
840	8	-23	-37	-43	-46	-45	-40	-34	-41	-47
850	-61	-84	-100	-100	-93	-85	-63	-41	-20	0
860	14	14	8	-2	-17	-18	-16	-14	-19	-21
870	-29	-42	-36	-41	-32	-19	-6	6	15	30
880	33	33	13	0	-18	-30	-18	-20	-20	-27
890	-35	-50	-71	-75	-77	-66	-46	-25	-9	5
900	19	43	57	76	87	90	89	89	87	81
910	78	76	72	59	30	-2	-41	-74	-83	-87
920	-89	-86	-93	-96	-106	-104	-98	-82	-63	-53
930	-61	-42	-51	-62	-69	83	103	100	-84	-15
940	24	42	51	82	69	83	105	128	158	182
950	212	228	234	224	206	166	113	65	13	-38
960	-91	-128	-159	-172	-175	-169	-157	-144	-137	-136
970	-132	-126	-122	-108	-88	-61	-26	5	14	35
980	49	68	77	93	105	112	119	126	130	172
990	108	86	56	25	6	-25	-49	-71	-85	-93
1000	-90	-85	-82	-69	-61	-50	-38	-27	-14	-3
1010	8	13	8	4	8	11	16	23	30	21
1020	8	-5	-31	-48	-64	-80	-92	-94	-95	-96

TO BE CONTINUED

CONTINUED( S-1055 W15N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	-94	-97	-100	-94	-92	-76	-53	-23	7	56
1040	102	145	161	170	171	163	154	147	137	125
1050	94	83	34	8	-17	-30	-28	-24	-19	-10
1060	4	-7	-10	-13	-16	-10	-1	10	21	30
1070	37	39	43	44	44	40	36	34	35	42
1080	43	39	28	12	-18	-55	-93	-134	-164	-187
1090	-201	-209	-208	-202	-183	-162	-142	-119	-102	-82
1100	-61	-43	-17	12	49	85	117	144	166	177
1110	183	174	157	142	114	94	72	52	39	37
1120	29	18	8	-2	-19	-38	-56	-73	-85	-91
1130	-87	-80	-69	-42	-25	-6	22	36	43	43
1140	49	57	58	60	61	61	60	67	77	88
1150	98	114	126	137	137	136	135	127	117	107
1160	94	84	70	61	54	46	39	33	28	16
1170	0	-24	-55	-80	-96	-104	-101	-101	-101	-98
1180	-102	-109	-124	-143	-163	-189	-205	-213	-213	-204
1190	-196	-172	-144	-109	-64	-30	-10	0	2	2
1200	-1	-6	-7	-9	-7	-9	-32	-48	-61	-74
1210	-85	-90	-95	-97	-91	-79	-64	-48	-35	-28
1220	-21	-16	-9	-7	-4	2	13	19	29	36
1230	44	48	53	55	60	65	65	62	60	58
1240	63	75	82	84	92	81	67	45	26	3
1250	-10	-15	-16	-5	7	18	27	33	33	33
1260	33	32	32	37	44	64	78	95	107	115
1270	126	120	113	106	97	87	74	71	69	62
1280	64	64	62	61	49	40	18	-8	-30	-47
1290	-66	-82	-92	-94	-96	-87	-77	-72	-65	-63
1300	-63	-63	-63	-69	-66	-63	-63	-60	-54	-44
1310	-41	-28	-17	-16	-10	-6	-7	-8	-15	-25
1320	-39	-47	-60	-78	-79	-92	-89	-88	-88	-86
1330	-84	-85	-83	-77	-68	-55	-42	-31	-19	-5
1340	7	15	20	24	26	21	14	8	3	0
1350	-3	-2	4	10	16	18	16	10	7	0
1360	-6	-3	-3	2	4	6	5	4	-1	-2
1370	-6	-3	1	7	9	12	16	22	23	31
1380	37	42	48	53	60	64	70	76	80	84
1390	98	102	108	110	114	109	110	108	99	91
1400	79	71	61	52	51	48	36	24	9	4
1410	-20	-35	-48	-64	-74	-86	-97	-108	-121	-129
1420	-138	-135	-130	-123	-122	-116	-107	-88	-63	-41
1430	-25	-11	0	-1	-3	-5	-10	-16	-24	-34
1440	-22	-18	-13	-9	-4	-8	-13	-18	-26	-33
1450	-40	-45	-45	-49	-48	-44	-43	-42	-34	-26
1460	-19	-14	-6	0	5	11	25	40	57	71
1470	81	86	93	102	103	113	125	132	131	132
1480	131	121	108	94	78	52	26	1	-18	-28
1490	-41	-40	-45	-46	-44	-44	-44	-44	-46	-44
1500	-48	-49	-49	-52	-58	-63	-71	-82	-87	-94
1510	-135	-113	-119	-131	-143	-150	-158	-160	-151	-151
1520	-105	-125	-111	-92	-62	-34	-5	16	36	54
1530	69	72	81	84	86	80	71	61	46	35
1540	24	16	9	5	8	-29	-49	-67	-79	-91
1550	-98	-95	-93	-85	-69	-50	-31	-23	-8	1
1560	16	34	47	61	78	91	98	108	118	122

TO BE CONTINUED



CONTINUED( S-1055 W15N )										CONTINUED( S-1055 W15N )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	124	126	121	119	116	106	92	73	56	40	2110	-53	-56	-63	-65	-62	-58	-57	-54	-48	-47
1580	26	19	20	21	24	30	38	47	57	67	2120	-44	-40	-39	-39	-35	-30	-19	-11	-4	2
1590	76	87	93	94	95	94	96	93	89	78	2130	4	6	6	6	7	4	5	5	4	3
1600	82	75	66	58	45	33	22	15	8	11	2140	3	6	7	14	20	26	32	42	49	65
1610	13	9	10	5	4	4	-1	-11	-17	-28	2150	73	80	88	97	99	104	106	104	108	110
1620	40	-8	-65	-77	-88	-99	-107	-115	-123	-128	2160	117	125	131	133	136	136	136	136	133	130
1630	-131	-128	-130	-125	-116	-112	-109	-105	-95	-95	2170	127	126	118	113	101	84	68	55	43	34
1640	-94	-84	-78	-71	-60	-50	-40	-34	-27	-27	2180	25	15	5	2	-4	-13	-23	-28	-36	-39
1650	-25	-26	-23	-25	-22	-18	-12	-6	-3	-2	2190	-42	-44	-42	-43	-45	-53	-56	-59	-65	-72
1660	-4	-2	-2	-1	-1	1	0	1	2	2	2200	-74	-74	-77	-82	-91	-95	-98	-105	-108	-109
1670	3	19	9	6	3	3	4	2	5	9	2210	-109	-113	-113	-113	-110	-107	-103	-97	-88	-80
1680	11	19	35	50	70	89	100	115	120	124	2220	-69	-66	-64	-62	-59	-57	-56	-57	-56	-61
1690	122	124	121	120	114	111	108	104	102	97	2230	-80	-82	-82	-82	-78	-74	-68	-61	-68	-76
1700	96	94	94	89	80	74	68	63	57	56	2240	-82	-78	-76	-71	-72	-69	-67	-67	-69	-83
1710	53	47	41	38	33	28	20	11	4	1	2250	-22	-15	-16	4	16	39	39	44	51	56
1720	1	-1	-5	-10	-15	-24	-33	-41	-51	-61	2260	83	84	75	83	100	108	115	118	119	116
1730	-71	-78	-83	-82	-80	-76	-74	-73	-72	-70	2270	115	108	107	107	114	115	121	118	126	131
1740	-69	-69	-70	-68	-66	-63	-59	-51	-46	-43	2280	133	132	128	125	123	118	116	110	109	105
1750	-37	-32	-31	-36	-41	-42	-34	-27	-15	-15	2290	107	105	103	98	103	102	97	98	89	81
1760	-11	-6	-1	1	3	2	0	-5	-10	-17	2300	73	67	58	54	47	47	39	31	25	20
1770	-23	-21	-19	-18	-14	-8	-7	-9	-8	-7	2310	15	10	4	-1	-7	-7	-8	-12	-3	5
1780	-5	-5	-3	0	3	3	7	11	11	16	2320	12	17	24	22	22	19	17	13	11	7
1790	21	13	5	1	-6	-14	-21	-28	-34	-38	2330	5	4	7	10	16	17	21	23	25	28
1800	-44	-48	-60	-68	-76	-86	-94	-95	-99	-103	2340	25	20	17	15	10	6	3	0	-1	-7
1810	-106	-107	-102	-95	-81	-62	-49	-39	-30	-19	2350	-11	-18	-21	-34	-42	-51	-55	-60	-67	-70
1820	-14	-6	0	4	7	15	27	35	38	39	2360	-70	-73	-69	-67	-68	-70	-76	-71	-72	-73
1830	40	40	41	40	41	43	43	43	42	39	2370	-75	-76	-73	-77	-77	-77	-76	-74	-70	-64
1840	37	33	25	19	9	11	13	10	11	9	2380	-58	-57	-53	-52	-48	-50	-51	-52	-52	-48
1850	-2	-1	2	6	11	17	31	41	45	49	2390	-45	-46	-41	-34	-27	-20	-13	-12	-2	6
1860	11	14	19	22	31	32	36	37	39	42	2400	15	20	27	35	40	43	40	39	38	38
1870	48	58	60	66	72	74	76	74	72	70	2410	38	35	31	33	34	29	26	20	19	22
1880	64	60	55	50	43	40	36	28	18	11	2420	26	31	33	41	44	48	53	53	53	51
1890	9	6	2	1	1	1	1	0	-2	-3	2430	51	53	54	58	58	59	64	66	65	64
1900	-1	-1	-1	-1	-6	-5	-6	-7	-7	-10	2440	84	84	84	84	84	84	84	84	84	84
1910	-9	-6	-3	-3	-2	0	5	7	14	18	2450	-11	-18	-22	-26	-29	-33	-41	-46	-49	-83
1920	18	24	25	21	20	14	8	5	2	-5	2460	-54	-58	-58	-54	-53	-56	-54	-53	-52	-52
1930	-12	-19	-29	-46	-65	-75	-85	-92	-95	-94	2470	-53	-53	-53	-53	-52	-52	-52	-51	-52	-55
1940	-101	-108	-109	-112	-109	-110	-109	-108	-107	-103	2480	-59	-67	-68	-70	-78	-85	-91	-92	-96	-97
1950	-101	-100	-97	-89	-81	-70	-62	-56	-46	-37	2490	-97	-97	-97	-97	-97	-97	-97	-94	-91	-86
1960	-32	-26	-21	-16	-8	-4	-4	-6	-8	-9	2500	-86	-85	-80	-80	-80	-80	-80	-80	-80	-80
1970	-6	-7	-6	-6	-7	-12	-8	-6	-6	-6	2510	-44	-43	-39	-41	-36	-42	-38	-33	-23	-12
1980	-4	-4	-4	-4	-5	-8	-6	-2	4	9	2520	-9	-4	1	2	2	4	10	12	15	20
1990	13	19	21	27	35	38	39	43	50	57	2530	23	25	31	33	36	43	48	51	53	60
2000	63	66	69	72	72	72	73	75	81	88	2540	62	64	66	68	68	69	74	79	83	90
2010	92	96	97	100	106	109	112	109	106	100	2550	91	90	86	87	86	83	78	72	72	74
2020	94	87	80	71	59	54	51	40	34	29	2560	75	76	79	81	84	87	87	84	80	80
2030	17	5	-8	-22	-34	-46	-46	-43	-46	-45	2570	77	73	76	70	64	60	58	55	56	57
2040	-66	-68	-68	-68	-68	-68	-68	-68	-68	-68	2580	57	58	59	56	54	53	53	51	52	50
2050	-89	-84	-87	-82	-76	-70	-65	-61	-56	-49	2590	49	44	43	43	37	29	23	16	10	6
2060	-10	-30	-21	-21	-31	-35	-34	-35	-36	-26	2600	-61	-68	-80	-80	-94	-99	-98	-102	-96	-93
2070	-26	-30	-31	-31	-31	-32	-32	-30	-28	-26	2610	-86	-80	-73	-71	-70	-68	-66	-65	-63	-56
2080	-24	-23	-21	-16	-12	-10	-7	-5	-4	0	2620	-48	-47	-55	-25	-14	9	14	15	15	14
2090	2	4	1	1	0	0	0	0	3	6	2630	-86	-80	-73	-71	-70	-68	-66	-65	-63	-56
2100	1	0	-5	-14	-27	-30	-34	-43	-43	-49	2640	-1	2	2	2	5	9	14	15	15	14

TO BF CONTINUED

TO BE CONTINUED

CONTINUED( S-1055 W15N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2650	14	18	17	17	16	12	10	11	17	12
2660	15	16	17	22	25	31	27	28	23	23
2670	19	14	11	13	12	14	15	15	14	15
2680	9	17	6	11	10	12	14	15	15	4
2690	5	15	16	14	14	12	6	6	5	4
2700	2	0	-7	-9	-9	-12	-14	-17	-22	-9
2710	-24	-27	-34	-41	-43	-40	-39	-40	-39	-39
2720	-87	-3A	-26	-20	-16	-11	-8	-5	0	0
2730	2	4	5	9	14	15	17	20	21	25
2740	24	25	25	29	34	35	39	36	33	33
2750	26	1	2	3	7	11	12	12	9	8
2760	1	12	3	10	13	17	15	19	24	25
2770	8	10	13	17	15	19	24	23	31	31
2780	27	30	31	34	37	40	44	36	37	41
2790	42	44	46	50	51	46	48	47	47	43
2800	47	45	42	41	43	45	44	45	44	43
2810	41	39	36	31	27	23	19	8	-1	-8
2820	-15	-23	-28	-35	-44	-49	-50	-53	-57	-57
2830	-57	-57	-59	-59	-60	-60	-60	-59	-57	-57
2840	-57	-55	-54	-55	-52	-53	-54	-52	-51	-51
2850	-51	-49	-48	-45	-44	-37	-37	-34	-33	-33
2860	-27	-32	-31	-30	-28	-26	-23	-21	-18	-16
2870	-15	-12	-10	-8	-6	-4	-2	10	11	9
2880	0	4	6	12	15	14	12	10	11	9
2890	5	4	3	3	4	5	6	6	8	9
2900	10	11	11	12	12	12	13	13	14	14
2910	15	17	20	22	23	25	28	32	34	34
2920	38	43	48	49	50	53	59	58	60	63
2930	62	58	54	55	54	53	47	39	39	34
2940	26	23	23	21	21	16	10	10	10	10
2950	11	11	11	11	11	11	12	13	14	14
2960	13	13	14	19	22	24	23	24	27	29
2970	30	28	25	27	21	20	20	20	20	20
2980	20	19	17	17	17	17	14	11	8	7
2990	7	4	5	4	4	4	4	4	4	4
3000	-8	-9	-10	-10	-17	-19	-22	-23	-24	-26
3010	-27	-29	-33	-38	-40	-43	-44	-47	-52	-53
3020	-55	-56	-59	-67	-69	-72	-73	-75	-78	-82
3030	-81	-81	-78	-75	-72	-71	-72	-71	-69	-68
3040	-65	-65	-64	-61	-59	-54	-51	-45	-38	-32
3050	-25	-22	-18	-14	-11	-6	-7	-6	-5	-8
3060	-12	-15	-16	-16	-14	-17	-16	-17	-18	-19
3070	-19	-17	-14	-12	-15	-16	-17	-16	-19	-22
3080	-26	-29	-32	-35	-36	-36	-36	-35	-32	-32
3090	-29	-24	-20	-21	-18	-16	-9	-7	-5	-7
3100	-3	2	8	21	26	32	37	47	58	63
3110	65	67	68	65	65	66	67	67	66	63
3120	61	58	58	59	57	54	44	34	29	24
3130	18	17	14	10	9	6	0	-2	-6	-8
3140	-7	-8	-10	-16	-19	-21	-19	-22	-24	-27
3150	-25	-31	-36	-36	-34	-32	-32	-30	-28	-27
3160	-29	-24	-21	-14	-13	-8	-7	-4	-2	-1
3170	-2	-1	2	3	8	10	6	3	3	3
3180	3	3	3	4	4	5	6	6	7	9

TO BE CONTINUED

CONTINUED( S-1055 W15N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	14	14	17	21	25	28	29	34	34	36
3200	39	42	49	49	48	50	49	49	47	47
3210	46	41	39	35	28	26	24	22	23	23
3220	22	23	26	25	28	35	39	39	39	40
3230	39	40	39	39	37	47	49	51	53	53
3240	53	50	47	45	43	37	35	35	35	28
3250	25	25	17	12	10	7	0	-5	-10	-14
3260	-18	-21	-25	-30	-34	-34	-34	-38	-40	-42
3270	-43	-44	-45	-45	-45	-45	-45	-44	-44	-45
3280	-45	-45	-40	-35	-32	-28	-24	-23	-24	-24
3290	-22	-22	-18	-15	-17	-18	-19	-23	-24	-24
3300	-19	-16	-15	-13	-12	-10	-9	-9	-9	-9
3310	0	0	3	7	11	14	15	19	23	28
3320	26	30	33	31	29	28	24	27	29	26
3330	20	24	23	19	14	9	12	12	13	11
3340	4	4	6	8	9	9	10	12	13	11
3350	12	10	8	8	9	0	0	0	0	0
3360	0	-1	0	0	0	0	0	0	0	0
3370	3	2	2	2	2	2	0	-1	-2	-2
3380	-3	-3	-3	-4	-5	-9	-11	-11	-11	-12
3390	-14	-19	-25	-29	-36	-38	-40	-44	-50	-52
3400	-56	-61	-64	-64	-65	-65	-62	-60	-61	-56
3410	-53	-49	-42	-42	-37	-36	-34	-30	-26	-22
3420	-21	-21	-20	-14	-13	-13	-12	-11	-9	-9
3430	-9	-8	-8	-8	-8	-7	-7	-7	-6	-6
3440	-6	-5	-2	-2	0	2	7	10	9	10
3450	12	13	17	21	24	27	30	34	34	37
3460	39	41	41	43	45	48	49	50	52	51
3470	53	52	54	52	53	54	53	50	49	45
3480	41	39	36	36	37	37	34	31	30	33
3490	33	31	31	28	24	21	22	22	22	20
3500	19	17	14	11	6	5	3	0	-2	-9
3510	-18	-19	-20	-19	-22	-24	-27	-28	-25	-28
3520	-32	-32	-32	-32	-30	-29	-32	-32	-31	-31
3530	-29	-27	-26	-25	-25	-24	-22	-21	-19	-15
3540	-14	-13	-10	-9	-9	-7	-5	-3	0	-2
3550	-4	-2	-3	-2	-2	-2	-2	-2	0	-2
3560	-5	-9	-9	-9	-9	-8	-8	-8	-8	-8
3570	-8	-8	-7	-4	-2	0	0	0	3	7
3580	12	14	17	17	17	21	27	27	29	28
3590	27	26	23	20	19	19	19	19	19	19
3600	19	16	13	12	12	12	12	12	12	12
3610	11	10	10	8	8	4	3	1	0	0
3620	0	0	1	1	1	1	1	1	1	0
3630	-3	-4	-7	-8	-8	-7	-8	-8	-7	-7
3640	-7	-7	-7	-7	-8	-11	-11	-11	-13	-14
3650	-15	-15	-16	-16	-17	-25	-28	-29	-31	-31
3660	-35	-40	-44	-44	-44	-44	-42	-42	-40	-37
3670	-35	-31	-29	-27	-25	-24	-24	-21	-21	-21
3680	-17	-13	-13	-11	-11	-8	-5	-5	-2	-2
3690	-2	-2	-1	-1	-1	0	2	4	5	6
3700	8	10	11	11	11	11	12	12	17	19
3710	20	18	17	16	19	20	20	24	26	25
3720	28	28	27	24	20	18	14	14	11	8

TO BE CONTINUED

CONTINUED( S-1055 W15N )										CONTINUED( S-1055 W15N )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3730	10	10	10	10	10	9	8	4	3	-1	3	29	29	29	29	29	32	35	39	42	43
3740	-3	-6	-6	-6	-6	-6	-7	-7	-6	-6	-7	44	43	43	43	45	47	49	49	49	50
3750	-7	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	4280	44	43	43	45	50	50	50	50	51
3760	-5	-4	-5	-4	-5	-6	-6	-7	-7	-8	-10	4290	51	50	49	49	48	48	47	48	46
3770	-11	-14	-16	-16	-16	-15	-15	-17	-17	-18	-18	4300	44	40	38	32	30	29	25	20	14
3780	-18	-17	-17	-17	-17	-17	-17	-17	-17	-18	-18	4310	6	3	2	-1	-2	-4	-7	-9	-10
3790	-19	-19	-25	-30	-30	-30	-30	-30	-30	-31	-31	4320	12	-16	-16	-17	-17	-17	-17	-17	-17
3800	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	4330	18	-19	-21	-21	-24	-25	-25	-25	-25
3810	-31	-29	-28	-24	-25	-24	-24	-24	-24	-24	-24	4340	18	-19	-21	-26	-27	-27	-26	-25	-25
3820	-7	-6	-5	-2	0	0	0	18	4	12	12	4350	-25	-24	-22	-20	-17	-16	-13	-12	-9
3830	15	20	26	31	30	32	33	33	33	33	34	4370	6	7	7	9	11	13	17	19	20
3840	34	36	37	37	36	35	34	34	34	34	34	4380	8	7	7	9	11	13	17	19	20
3850	32	31	30	28	27	25	20	20	20	20	18	4390	20	23	22	21	26	29	28	33	32
3860	17	15	16	15	8	7	6	4	3	0	0	4400	33	30	30	29	28	28	26	25	22
3870	-5	-7	-9	-9	-10	-12	-15	-20	-21	-21	-21	4410	20	17	17	18	15	13	13	13	10
3880	-20	-18	-18	-18	-18	-18	-18	-18	-17	-18	-17	4420	7	8	7	6	4	4	4	0	0
3890	-17	-17	-17	-17	-16	-16	-16	-16	-16	-16	-16	4430	0	0	-1	-3	-4	-5	-5	-3	-1
3900	-16	-13	-13	-13	-11	-11	-11	-11	-9	-9	-9	4440	0	4	4	4	4	4	4	1	0
3910	-8	-8	-7	4	5	6	8	9	9	9	14	4450	-2	-2	-2	-2	-5	-5	-7	-9	-8
3920	6	7	4	9	9	11	12	13	13	14	14	4460	-9	-12	-13	-17	-20	-23	-25	-31	-34
3930	9	9	9	9	9	9	9	9	9	9	9	4470	-41	-41	-41	-43	-45	-46	-48	-51	-49
3940	14	16	16	20	21	24	24	28	31	32	32	4480	-46	-42	-44	-42	-42	-47	-51	-46	-34
3950	35	38	37	38	41	41	41	45	49	53	53	4490	-28	-23	-22	-18	-16	-12	-11	-9	-5
3960	53	56	59	63	64	65	66	67	68	64	64	4500	-5	-3	-1	-2	-1	-3	-6	-7	-7
3970	66	67	67	67	67	64	60	53	48	41	41	4510	-6	-6	-5	-5	-5	-5	-5	-5	-4
3980	38	39	39	39	39	38	31	29	31	30	29	4520	-1	0	4	5	5	7	8	8	9
3990	29	29	20	21	21	21	18	17	15	10	10	4530	13	18	22	28	31	31	35	36	38
4000	6	2	0	0	-3	-5	-6	-8	-9	-10	-10	4540	42	42	45	48	48	49	49	48	49
4010	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	4550	47	46	45	47	45	40	38	37	38
4020	-10	-10	-9	-9	-8	-8	-9	-9	-9	-9	-9	4560	38	38	39	37	38	37	36	35	36
4030	-15	-15	-16	-16	-15	-15	-14	-14	-14	-14	-14	4570	36	35	33	31	29	26	23	20	18
4040	-14	-13	-14	-14	-13	-13	-13	-14	-14	-14	-14	4580	10	9	3	-1	-3	-5	-10	-12	-13
4050	-15	-16	-17	-23	-24	-26	-26	-27	-27	-27	-27	4590	14	16	-20	-22	-22	-22	-22	-22	-23
4060	-27	-27	-27	-27	-27	-27	-27	-28	-27	-27	-27	4600	-23	-22	-22	-22	-19	-12	-12	-12	-6
4070	-27	-27	-27	-27	-27	-27	-27	-27	-27	-25	-25	4610	-4	-2	-2	-2	0	3	5	7	8
4080	-23	-20	-18	-16	-12	-5	-3	-3	-1	0	0	4620	12	14	15	15	16	15	16	16	17
4090	2	2	4	4	7	8	9	9	9	9	9	4630	16	17	17	17	18	17	17	17	17
4100	15	15	18	18	20	20	23	26	26	26	26	4640	15	15	13	11	10	7	5	4	4
4110	25	23	21	21	21	18	18	16	16	14	14	4650	4	1	0	0	-1	-2	-3	-4	-4
4120	11	9	7	7	6	6	6	4	3	3	3	4660	-12	-13	-13	-14	-18	-23	-23	-24	-26
4130	3	3	3	2	1	2	0	0	-1	-4	-4	4670	-28	-26	-25	-26	-27	-29	-31	-31	-31
4140	-7	-8	-8	-8	-9	-10	-9	-9	-9	-9	-9	4680	-33	-32	-33	-34	-35	-36	-38	-38	-38
4150	-19	-19	-19	-19	-19	-19	-20	-20	-20	-20	-20	4690	-37	-37	-38	-38	-38	-41	-41	-40	-40
4160	-20	-20	-16	-12	-11	-10	-6	-3	-3	-3	-3	4700	-40	-39	-39	-39	-35	-34	-34	-31	-27
4170	-1	0	0	0	0	2	1	1	1	1	0	4710	-24	-23	-18	-14	-10	-6	-2	2	6
4180	-2	-2	-2	-2	-2	-2	-2	-2	-2	-4	-4	4720	12	18	21	21	21	26	32	33	36
4190	-6	-6	-6	-6	-6	-6	-6	-6	-5	-5	-5	4730	41	44	44	46	47	46	46	47	47
4200	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	4740	48	47	47	47	47	47	46	47	45
4210	7	7	7	7	7	7	7	7	7	7	7	4750	44	43	39	39	40	40	40	40	41
4220	4	1	-1	-1	-3	-3	-4	-4	-4	-4	-4	4760	41	42	43	43	43	43	40	40	41
4230	-4	-4	-4	-4	-5	-5	-5	-5	-5	-5	-5	4770	41	42	41	41	40	40	37	36	35
4240	1	3	6	7	8	8	8	8	10	10	10	4780	34	33	31	30	27	25	23	20	19
4250	10	10	9	10	10	11	10	11	14	14	14	4790	17	13	13	10	8	5	1	-2	-4
4260	15	14	15	15	16	17	17	21	25	29	29	4800	0	-8	-12	-12	-14	-15	-16	-17	-17

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1055 W15N )

CONTINUED( S-1055 W15N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	( 11 )	( 12 )	( 13 )	( 14 )	( 15 )	( 16 )	( 17 )	( 18 )	( 19 )	( 20 )	
4810	-17	-20	-23	-26	-25	-28	-28	-28	-28	-29	-29	-30	-31	-30	-31	-31	-31	-31	-31	-31	-31
4820	-19	-22	-25	-28	-27	-28	-28	-28	-28	-29	-29	-30	-31	-30	-31	-31	-31	-31	-31	-31	-31
4830	-21	-24	-27	-30	-29	-29	-29	-29	-29	-30	-30	-31	-31	-30	-31	-31	-31	-31	-31	-31	-31
4840	-25	-27	-30	-33	-32	-32	-32	-32	-32	-33	-33	-34	-34	-33	-34	-34	-34	-34	-34	-34	-34
4850	-34	-36	-39	-42	-41	-41	-41	-41	-41	-42	-42	-43	-43	-42	-43	-43	-43	-43	-43	-43	-43
4860	-38	-40	-43	-46	-45	-45	-45	-45	-45	-46	-46	-47	-47	-46	-47	-47	-47	-47	-47	-47	-47
4870	-38	-37	-37	-35	-34	-34	-34	-34	-34	-35	-35	-36	-36	-35	-36	-36	-36	-36	-36	-36	-36
4880	-32	-29	-24	-24	-22	-18	-14	-11	-9	-7	-5	-3	-2	-1	-1	-1	-1	-1	-1	-1	-1
4890	-5	-4	-4	-4	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
4900	6	6	7	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
4910	8	8	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4920	13	13	15	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
4930	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
4940	19	18	16	17	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3
4950	17	17	16	15	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
4960	17	17	17	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
4970	19	21	22	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
4980	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4990	24	24	24	24	22	20	20	19	19	19	19	19	19	19	19	19	19	19	19	19	19
5000	18	17	17	14	10	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
5010	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5020	1	0	-2	-2	-4	-7	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
5030	-8	-8	-11	-10	-10	-11	-12	-13	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
5040	-20	-23	-23	-23	-23	-23	-26	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27
5050	-30	-29	-32	-33	-33	-36	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38
5060	-37	-35	-33	-33	-31	-29	-26	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
5070	-22	-22	-21	-21	-20	-18	-15	-13	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
5080	-15	-4	-2	0	2	3	5	7	8	8	8	8	8	8	8	8	8	8	8	8	8
5090	10	10	11	13	14	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
5100	26	27	27	28	28	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30
5110	33	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
5120	34	32	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
5130	28	28	29	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
5140	24	22	20	16	13	13	10	7	7	7	7	7	7	7	7	7	7	7	7	7	7
5150	3	-2	-3	-6	-8	-10	-12	-13	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
5160	-17	-19	-20	-22	-23	-23	-24	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
5170	-29	-29	-28	-28	-26	-26	-24	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
5180	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
5190	-22	-23	-23	-23	-23	-23	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
5200	-23	-21	-23	-23	-22	-23	-20	-17	-15	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
5210	-13	-11	-9	-7	-6	-4	-3	-1	0	3	3	3	3	3	3	3	3	3	3	3	3
5220	6	6	8	6	7	6	9	12	14	14	14	14	14	14	14	14	14	14	14	14	14
5230	15	14	14	16	17	16	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16
5240	16	16	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
5250	14	15	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
5260	23	23	23	22	22	24	25	24	25	24	24	24	24	24	24	24	24	24	24	24	24
5270	26	26	26	25	25	25	24	23	24	23	23	23	23	23	23	23	23	23	23	23	23
5280	19	17	15	14	11	9	6	2	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
5290	-3	-6	-7	-14	-16	-20	-23	-27	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
5300	-31	-33	-33	-35	-37	-39	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38	-38
5310	-39	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
5320	-38	-37	-37	-34	-35	-35	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34
5330	-29	-28	-29	-28	-29	-28	-27	-26	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
5340	-24	-24	-24	-18	-19	-18	-15	-14	-12	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1055 W15N )										CONTINUED( S-1055 W15N )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10)	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10)
5870	31	30	30	30	30	28	28	28	28	28	6430	-13	-13	-12	-12	-13	-13	-12	-11	-10	-10
5900	28	29	30	30	27	24	23	23	22	17	6440	-9	-8	-7	-4	-19	-19	-12	-12	-10	-4
5910	16	15	14	12	10	8	14	1	0	-1	6450	6	8	9	11	13	13	15	11	10	10
5920	-3	-4	-6	-8	-10	-13	-14	-14	-17	-18	6460	10	10	12	12	11	11	14	11	11	12
5930	-20	-23	-22	-21	-21	-24	-24	-25	-26	-25	6470	14	13	15	15	15	17	18	17	19	19
5940	-24	-24	-23	-23	-24	-24	-20	-20	-20	-20	6480	19	19	19	20	17	15	12	15	15	19
5950	-19	-19	-19	-19	-19	-18	-17	-18	-14	-14	6490	16	18	18	18	18	19	18	18	18	19
5960	-14	-13	-13	-13	-8	-6	-6	-5	-5	-4	6500	19	19	21	22	22	22	22	22	22	22
5970	0	2	5	6	6	7	10	6	7	7	6510	23	23	22	23	24	22	21	21	21	21
5980	7	7	6	6	6	6	6	6	6	6	6520	19	18	18	18	16	12	10	9	5	5
5990	6	4	3	3	3	0	-1	-4	-6	-7	6530	5	4	5	2	-1	-2	-2	-3	-6	-7
6000	-10	-13	-16	-17	-20	-20	-20	-20	-20	-22	6540	-9	-9	-7	-8	-10	-10	-15	-17	-17	-17
6010	-23	-24	-24	-27	-27	-28	-28	-29	-29	-30	6550	-19	-19	-19	-19	-19	-20	-20	-21	-21	-19
6020	-30	-30	-32	-33	-34	-33	-33	-34	-35	-36	6560	-20	-17	-18	-20	-18	-20	-21	-21	-20	-20
6030	-37	-38	-38	-39	-38	-38	-37	-37	-37	-37	6570	-20	-17	-16	-16	-16	-15	-15	-15	-16	-17
6040	-37	-35	-35	-34	-33	-33	-33	-33	-33	-32	6580	-17	-16	-15	-14	-13	-11	-11	-11	-11	-11
6050	-32	-29	-26	-25	-23	-22	-22	-22	-21	-22	6590	-11	-11	-11	-10	-10	-10	-10	-10	-10	-9
6060	-21	-20	-20	-14	-12	-10	-7	9	10	13	6600	-9	-9	-9	-7	-6	-7	-7	-8	-9	-9
6070	-2	0	6	5	4	7	9	10	13	14	6610	-10	-10	-10	-10	-10	-9	-10	-9	-9	-9
6080	44	15	17	17	20	23	25	25	25	28	6620	-9	-9	-9	-9	-8	-7	-5	-4	-2	-2
6090	28	29	31	32	33	31	34	34	33	35	6630	-2	-1	0	0	0	0	1	1	2	4
6100	36	38	38	38	39	38	38	40	41	39	6640	6	6	6	6	6	7	7	7	6	7
6110	39	40	40	40	40	39	39	39	38	36	6650	11	12	12	14	14	13	11	14	14	14
6120	37	37	37	37	35	34	34	34	34	33	6660	17	19	21	21	21	20	20	21	24	26
6130	33	30	30	29	27	27	27	28	28	26	6670	28	28	28	28	28	31	31	32	32	33
6140	25	26	25	24	23	22	20	18	17	17	6680	34	34	34	34	34	33	32	32	32	32
6150	15	14	11	10	8	5	4	4	4	4	6690	32	32	32	32	30	30	30	28	28	26
6160	-2	-3	-5	-6	-7	-9	-10	-11	-14	-15	6700	25	23	21	20	20	19	18	18	18	18
6170	-17	-16	-16	-17	-18	-21	-21	-21	-24	-24	6710	16	16	17	14	12	11	10	9	8	8
6180	-24	-24	-24	-25	-25	-26	-26	-26	-26	-26	6720	4	4	4	4	4	1	0	4	5	6
6190	-30	-30	-30	-30	-30	-31	-31	-31	-31	-31	6730	7	7	7	7	7	7	7	7	8	8
6200	-31	-32	-32	-32	-32	-32	-32	-32	-32	-32	6740	6	4	2	1	0	0	2	2	2	2
6210	-33	-33	-33	-33	-33	-33	-33	-34	-34	-35	6750	-4	-4	-5	-8	-9	-10	-12	-12	-11	-11
6220	-35	-34	-34	-34	-31	-29	-28	-27	-27	-23	6760	-12	-12	-15	-15	-15	-15	-15	-14	-14	-14
6230	-21	-19	-18	-18	-15	-14	-13	-11	-11	-9	6770	-9	-14	-13	-12	-12	-12	-12	-12	-10	-9
6240	-9	-8	-5	-4	-4	-4	-4	-2	-1	2	6780	-6	-9	-7	-6	-5	-4	-3	-2	-1	-4
6250	5	9	10	10	12	10	10	12	14	14	6790	-3	-2	0	-2	-2	-2	-2	-1	-1	-1
6260	15	16	17	16	18	18	18	19	18	17	6800	-3	-3	-3	-3	-2	-2	-2	-3	-4	-6
6270	17	16	16	16	16	16	16	16	16	16	6810	-7	-9	-11	-12	-12	-12	-12	-12	-12	-12
6280	16	16	16	16	16	16	16	16	16	16	6820	-12	-12	-12	-12	-12	-12	-9	-7	-7	-7
6290	16	15	16	16	16	16	16	16	18	19	6830	-7	-7	-7	-7	-6	-6	-6	-6	-7	-7
6300	24	26	27	29	29	29	29	29	29	30	6840	-1	0	0	0	0	0	2	2	2	2
6310	30	33	33	33	34	36	36	36	37	38	6850	2	3	6	8	11	11	11	11	11	11
6320	38	38	38	38	38	38	38	38	37	37	6860	11	11	11	11	11	12	11	11	12	11
6330	37	37	37	37	37	37	37	37	37	37	6870	14	14	14	14	14	14	14	14	14	14
6340	37	37	37	37	37	36	36	35	35	35	6880	11	11	11	11	11	10	10	12	14	14
6350	34	31	27	27	26	24	21	17	12	10	6890	18	18	18	18	18	19	23	22	22	22
6360	9	7	6	4	2	1	-1	-3	-8	-11	6900	20	20	22	24	24	21	21	20	18	18
6370	-13	-15	-19	-21	-23	-24	-24	-26	-27	-26	6910	17	17	17	18	18	18	13	10	10	11
6380	-26	-29	-30	-30	-32	-32	-33	-33	-33	-34	6920	11	11	10	11	11	8	6	3	3	3
6390	-33	-33	-33	-33	-34	-34	-33	-33	-33	-33	6930	0	0	0	0	0	0	4	3	3	3
6400	-32	-31	-30	-31	-30	-28	-28	-27	-27	-27	6940	3	3	3	3	4	4	6	7	8	6
6410	-24	-24	-25	-25	-22	-22	-21	-21	-20	-20	6950	5	5	5	5	6	5	7	8	8	7
6420	-24	-24	-19	-19	-18	-17	-16	-16	-15	-15	6960	9	10	9	9	10	10	10	10	11	11

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1055 W15N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6970	12	12	12	14	12	17	18	18	18	18
6980	18	16	16	16	15	13	11	11	9	9
6990	8	8	9	6	5	5	5	1	0	0
7000	0	0	0	1	-1	-2	-1	-1	-1	-2
7010	-3	-2	-2	-2	-2	-3	-3	-3	-5	-5
7020	-5	-5	-5	-5	-5	-6	-7	-7	-7	-6
7030	-7	-7	-7	-7	-7	-10	-10	-10	-10	-11
7040	-11	-10	-10	-10	-10	-10	-9	-9	-9	-9

END

RECORD = S-1055 COMPONENT = DOWN STATION = TAGONOURA-S  
DATE AND TIME = 1978-01-15-07-31 TOTAL NUMBER OF DATA = 7050  
SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
SIGNAL = GR-ACC.  
CONNECTION POINT IN DATA NUMBER= 4578, 7050,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	0	0	0	-1	-1	-1	-1	-2	-2	-2
10	-1	-1	0	0	0	-1	-1	-1	-1	-2
20	-5	-6	-5	-5	-5	-7	-11	-14	-15	-15
30	-15	-12	-8	-8	-2	0	0	-2	-4	-5
40	-7	-10	-13	-15	-16	-16	-15	-13	-8	-8
50	-4	0	5	7	5	1	-2	-12	-11	-7
60	-30	-27	-26	-25	-23	-22	-18	-11	0	5
70	11	15	16	14	8	3	-1	-5	-12	-21
80	-36	-43	-47	-49	-40	-29	-17	-10	-4	4
90	16	31	44	49	50	47	43	31	14	-5
100	-20	-27	-22	-12	-4	0	3	9	14	16
110	12	10	3	-8	-15	-15	-11	-4	0	-1
120	-4	-10	-19	-29	-39	-48	-59	-53	-54	-49
130	-40	-28	-16	-7	1	7	12	20	16	15
140	19	30	42	48	41	26	12	4	4	7
150	7	1	-6	-14	-19	-22	-24	-33	-40	-43
160	-43	-32	-19	-1	1	20	38	47	61	66
170	45	19	-14	-34	-46	-34	-24	-14	-17	-27
180	-38	-42	-35	-12	15	37	53	62	62	51
190	34	14	-4	-24	-44	-69	-79	-84	-90	-94
200	-84	-85	-74	-44	-20	81	83	98	106	102
210	84	78	56	27	8	-5	-14	-29	-45	-58
220	-69	-76	-69	-52	-34	-15	-4	1	2	6
230	12	22	31	33	26	7	-6	-17	-17	-16
240	-13	-17	-28	-33	-35	-30	-15	-7	4	15
250	21	23	21	13	8	1	1	-1	-6	-13
260	-19	-26	-32	-29	-25	-21	-17	-19	-14	-16
270	-15	-8	-1	6	7	1	-4	0	11	30
280	53	63	60	52	37	23	5	-8	-21	-31
290	-25	-18	-13	-13	-14	-14	-12	-16	-13	-13
300	-6	2	10	27	29	25	16	8	-3	-10
310	-21	-31	-44	-52	-48	-33	-14	9	24	31
320	31	33	41	47	48	41	28	6	-16	-36
330	-62	-76	-89	-99	-102	-99	-88	-75	-63	-54
340	-15	-2	-2	1	6	13	28	50	59	56
350	33	14	2	-7	1	11	19	28	37	34
360	34	28	22	28	36	45	50	41	28	13
370	0	-11	-1	-29	-36	-34	-24	-13	-5	5
380	13	11	1	-9	-19	-17	0	13	7	7
390	-1	-12	-24	-30	-25	-19	-14	-18	-22	-23
400	-28	-36	-36	-30	-19	-10	0	7	13	18
410	19	19	17	17	16	16	17	13	15	20
420	26	26	18	6	-1	-7	-8	-12	-12	-16
430	-16	-19	-16	-14	-10	-4	5	20	35	41
440	38	35	39	45	35	30	18	3	-15	-23
450	-20	-14	-7	0	-2	-3	-3	-8	-5	0
460	5	8	10	7	1	-9	-24	-47	-59	-69
470	-77	-79	-70	-49	-1	32	50	56	57	55
480	49	42	35	28	28	22	10	7	2	-2

TO BE CONTINUED

CONTINUED ( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	-6	-9	-8	0	2	6	13	16	21	25
500	30	34	26	12	-10	-25	-27	-21	-14	-10
510	-18	-25	-30	-27	-17	15	14	33	46	57
520	86	71	64	55	42	30	18	-28	-39	-47
530	-36	-40	-47	-51	-59	-67	-70	-64	-48	-27
540	-15	-10	-21	-31	-40	-48	-54	-40	4	9
550	18	34	25	29	22	20	17	14	17	24
560	29	33	36	35	32	27	18	2	-12	-23
570	-33	-30	-21	2	21	34	31	17	3	-2
580	-3	-3	0	-4	-5	-7	-6	-7	-10	-17
590	-10	-19	-4	5	11	23	21	17	8	-1
600	-18	-14	-26	-37	-45	-52	-48	-41	-37	-21
610	-14	-5	5	20	32	51	63	71	75	71
620	65	55	40	27	10	2	-2	-9	-9	-7
630	-3	0	6	10	7	5	2	-4	-6	-4
640	-3	-8	-17	-31	-41	-50	-54	-45	-32	-21
650	14	-7	-3	2	8	11	14	12	10	10
660	15	20	24	26	28	27	25	18	11	10
670	34	17	14	8	-2	-4	-16	-24	-35	-43
680	-49	-52	-57	-52	-60	-62	-62	-56	-47	-29
690	67	49	42	21	10	3	3	8	16	21
700	18	17	21	26	27	30	23	10	-19	-31
710	-75	-37	-11	8	23	16	5	-7	-17	-22
720	-19	-13	-8	-3	1	4	10	15	21	18
730	22	24	22	15	6	-3	-19	-29	-23	-15
740	-9	-9	-11	-18	-23	-21	-19	-16	-19	-27
750	-39	-49	-54	-46	-26	-6	9	19	29	28
760	24	20	14	13	17	23	22	21	17	18
770	17	8	0	-14	-20	-24	-17	-3	10	23
780	30	30	25	19	13	2	-6	-13	-12	-6
790	-2	2	6	4	0	-8	-15	-22	-27	-26
800	-17	-8	1	10	16	17	20	21	18	17
810	14	8	-1	-5	-11	-14	-18	-14	-4	14
820	21	29	27	22	12	2	-1	-5	-14	-25
830	-50	-75	-99	-118	-124	-112	-89	-67	-63	-16
840	13	44	65	78	84	80	73	64	51	39
850	33	31	27	24	22	17	10	9	15	21
860	27	29	33	35	31	17	3	-19	-39	-52
870	-58	-54	-48	-41	-33	-30	-32	-47	-64	-80
880	-83	-100	-98	-94	-79	-63	-46	-29	-16	-3
890	4	17	25	32	39	43	48	54	52	44
900	34	27	19	15	12	7	58	68	68	61
910	55	47	40	28	13	7	0	-7	-7	-8
920	-11	-19	-34	-52	-64	-85	-94	-89	-78	-67
930	-56	-41	-25	-11	5	35	51	61	68	75
940	87	91	98	93	85	65	48	27	11	-6
950	-15	-19	-24	-21	-16	-15	-12	-11	-8	6
960	0	-7	-13	-15	-16	-17	-12	-4	-8	-7
970	-2	-5	-14	-28	-31	-32	-37	-30	-16	0
980	23	49	62	66	59	56	48	41	36	33
990	31	20	-2	-18	-29	-43	-52	-58	-48	-35
1000	-21	-5	12	25	22	15	3	-6	-13	-14
1010	-9	-5	0	-3	-4	-10	-14	-18	-26	-32
1020	-37	-38	-32	-20	-6	23	45	54	51	29

TO BE CONTINUED

CONTINUED ( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	22	9	0	-9	-17	-20	-35	-41	-53	-38
1040	-16	11	38	53	62	63	80	56	51	43
1050	35	24	14	1	-2	-8	9	-8	-13	-16
1060	-16	-17	-15	-12	-9	0	9	18	23	25
1070	25	22	21	22	19	15	11	11	11	16
1080	28	39	47	44	29	7	-23	-38	-45	-53
1090	-60	-60	-56	-50	-44	-39	-39	-44	-45	-44
1100	-37	-39	-22	-16	-14	-8	-2	5	8	11
1110	17	17	17	17	18	23	30	34	30	22
1120	13	-4	-12	-18	-27	-22	-13	-4	3	0
1130	-6	-12	-16	-18	-18	-12	-8	2	16	29
1140	48	58	62	63	59	55	52	50	50	47
1150	45	40	27	6	-15	-48	-71	-90	-104	-115
1160	-15	-111	-95	-69	-38	-15	3	13	17	21
1170	16	12	7	10	14	18	24	25	23	23
1180	27	33	40	48	55	55	50	42	31	23
1190	11	-8	-21	-30	-36	-36	-35	-40	-46	-54
1200	-60	-66	-64	-60	-58	-52	-43	-33	-24	-4
1210	11	34	47	45	40	35	33	31	31	28
1220	16	12	12	9	11	12	13	13	13	17
1230	24	29	32	27	19	13	6	5	8	11
1240	17	24	25	20	6	-11	-23	-28	-33	-16
1250	-8	-2	2	8	12	11	4	0	-7	-12
1260	-19	-20	-16	-11	-9	-2	0	-5	-7	-8
1270	-13	-11	-8	0	4	16	27	33	36	33
1280	31	30	24	19	12	4	0	-10	-13	-8
1290	-3	-4	-7	-14	-29	-38	-47	-52	-55	-57
1300	-59	-59	-59	-56	-54	-44	-33	-23	-9	6
1310	15	21	24	23	19	13	12	3	-3	-7
1320	-1	5	10	16	23	19	16	5	0	-14
1330	-24	-26	-19	-9	-10	-6	-1	1	2	3
1340	4	3	3	0	0	1	5	15	26	34
1350	42	50	60	61	56	49	38	28	17	5
1360	-1	-9	-14	-23	-27	-28	-22	-13	-5	1
1370	9	17	9	4	2	-1	-3	1	5	9
1380	-11	-5	0	8	17	24	32	36	40	42
1390	-11	-5	0	8	17	24	32	36	40	42
1400	42	40	36	25	16	9	8	5	3	3
1410	3	3	8	9	17	22	25	30	31	24
1420	20	10	4	-3	-8	-14	-20	-28	-36	-48
1430	-52	-58	-59	-59	-58	-51	-46	-44	-35	-25
1440	-16	-3	6	9	17	17	20	21	27	33
1450	35	38	34	31	23	13	3	10	-19	-25
1460	-39	-20	-8	3	14	21	29	37	42	48
1470	44	35	30	18	8	3	1	1	1	1
1480	5	7	13	19	23	27	31	36	37	38
1490	31	28	23	15	12	6	-1	-4	-4	-10
1500	-14	-12	-12	-11	-12	-19	-28	-29	-29	-29
1510	-26	-25	-25	-27	-29	-35	-40	-41	-37	-33
1520	-36	-42	-52	-62	-73	-80	-79	-71	-64	-50
1530	-40	-32	-21	-9	-2	11	16	18	18	19
1540	20	20	21	26	28	35	34	34	34	34
1550	34	32	31	28	26	26	27	29	30	29
1560	29	29	29	30	26	16	4	-2	-12	-20

TO BE CONTINUED

CONTINUED ( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	-23	-28	-28	-27	-23	-18	-13	-10	-5	-2
1580	-3	-4	-4	-4	-11	1	2	1	-1	-3
1590	-4	-7	-13	-15	-15	-14	-10	-7	-5	-3
1600	-4	-7	-10	-10	-9	-9	-10	-13	-17	-22
1610	-26	-31	-32	-32	-32	-32	-33	-33	-32	-29
1620	-24	-16	-14	-17	-21	-25	-30	-34	-34	-33
1630	-27	-28	-30	-28	-24	-21	-15	-14	-14	-14
1640	-16	-18	-20	-19	-19	-20	-21	-21	-22	-22
1650	-19	-14	-13	-13	-8	-5	-2	5	4	4
1660	12	13	13	9	7	4	-1	-2	1	6
1670	6	7	11	13	24	29	35	38	37	37
1680	35	32	30	25	13	7	6	2	-2	-2
1690	-2	-2	2	6	5	0	0	-1	-10	-15
1700	-25	-26	-28	-32	-36	-40	-46	-52	-56	-56
1710	-54	-51	-45	-42	-31	-24	-15	-7	8	19
1720	16	21	29	35	38	37	35	28	23	18
1730	17	13	9	5	4	6	7	8	10	14
1740	13	12	8	5	3	3	3	3	3	3
1750	6	7	8	14	16	17	17	14	9	4
1760	3	5	6	5	0	-1	-2	2	5	10
1770	13	12	12	7	2	-1	-5	-6	-12	-12
1780	-12	-11	-17	-6	-1	5	7	7	7	12
1790	16	17	17	16	14	14	13	10	6	7
1800	9	10	6	8	11	20	25	27	27	27
1810	-1	2	8	14	14	20	25	27	27	27
1820	26	23	20	17	17	18	17	15	11	7
1830	5	3	3	3	4	4	6	5	3	1
1840	-2	-7	-9	-15	-18	-19	-22	-25	-30	-33
1850	-33	-39	-24	-18	-11	-4	-6	-10	-15	-15
1860	-13	-13	-12	-8	-2	-2	-2	-1	3	3
1870	3	3	0	-1	-2	-2	-2	-2	-3	-9
1880	-18	-25	-30	-33	-35	-41	-31	-31	-36	-36
1890	-42	-50	-53	-53	-48	-41	-36	-24	-20	-17
1900	-13	-12	-9	-4	2	9	17	26	33	42
1910	44	45	45	42	40	35	31	25	23	21
1920	21	21	23	24	20	15	8	7	8	8
1930	8	8	6	6	5	5	7	7	0	0
1940	-3	-5	-2	-3	-3	-5	-5	-5	-9	-7
1950	-3	-2	-2	-4	-10	-14	-22	-28	-34	-35
1960	-31	-27	-23	-17	-15	-12	-13	-17	-19	-20
1970	-19	-18	-13	-14	-17	-18	-24	-25	-26	-28
1980	-28	-30	-30	-28	-28	-25	-24	-23	-19	-16
1990	-12	-12	-10	-7	-5	-4	-5	-7	-10	-8
2000	-9	-9	-1	3	8	14	22	28	29	33
2010	32	30	26	25	22	20	15	10	6	2
2020	-1	-5	-9	-10	-10	-13	-15	-18	-15	-12
2030	-11	-9	-13	-14	-18	-21	-28	-33	-36	-43
2040	-40	-36	-31	-25	-18	-12	-10	-5	0	2
2050	3	2	1	0	-7	-10	-12	-9	-9	-5
2060	0	-1	0	0	3	6	10	12	17	17
2070	22	22	22	21	20	19	17	10	7	6
2080	6	6	7	8	7	6	4	4	6	6
2090	10	18	20	23	22	19	16	15	12	15
2100	20	27	29	32	33	30	29	26	25	25

TO BE CONTINUED

CONTINUED ( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	22	16	13	8	6	2	-3	-5	-2	0
2120	1	1	4	7	10	15	21	25	18	15
2130	15	15	15	15	15	15	15	15	14	14
2140	14	13	12	12	17	19	21	18	16	10
2150	7	2	-2	-5	-11	-14	-15	-15	-15	-15
2160	-15	-11	-9	-5	-5	-5	-5	-5	-2	1
2170	0	4	4	4	4	0	-2	-2	-2	-2
2180	-15	-18	-19	-19	-19	-19	-17	-13	-8	0
2190	4	14	15	19	20	21	22	22	22	22
2200	22	22	22	21	21	21	19	13	9	8
2210	8	7	7	5	1	-1	-4	-7	-10	-11
2220	-12	-12	-12	-13	-12	-14	-11	-10	-5	-5
2230	-10	-13	-14	-14	-14	-15	-11	-13	-13	-13
2240	-13	-10	-6	-1	0	5	9	11	13	9
2250	6	2	0	0	-3	-5	-5	-3	0	0
2260	1	4	4	6	11	11	15	20	21	21
2270	21	22	22	22	22	17	14	12	8	3
2280	-1	-2	-2	-4	-6	-8	-11	-12	-12	-12
2290	-12	-12	-8	-7	-8	-6	-11	-9	-9	-7
2300	-2	1	3	8	11	12	12	12	13	13
2310	12	12	12	12	12	9	5	0	-4	-8
2320	-15	-15	-15	-13	-12	-9	-9	-11	-11	-11
2330	-12	-12	-12	-13	-12	-6	-4	-4	-4	-4
2340	7	11	12	12	12	15	18	18	17	17
2350	17	15	10	6	5	1	0	0	0	0
2360	-1	-3	-4	-5	-7	-8	-9	-8	-8	-11
2370	-14	-15	-17	-20	-24	-28	-30	-30	-30	-30
2380	-28	-21	-16	-9	-3	2	1	0	-3	-3
2390	-11	-15	-22	-27	-26	-26	-25	-22	-18	-17
2400	-14	-12	-8	-7	-6	-6	-7	-4	-2	-2
2410	-1	-2	-1	2	7	9	12	14	18	16
2420	19	17	20	22	23	26	31	33	29	29
2430	29	28	26	22	19	16	11	10	10	13
2440	17	23	30	36	38	38	38	39	38	37
2450	33	28	23	21	18	12	9	5	0	-2
2460	-6	-10	-10	-11	-12	-15	-18	-19	-24	-27
2470	-29	-31	-30	-31	-29	-28	-23	-23	-22	-26
2480	-27	-28	-28	-29	-25	-19	-16	-13	-10	-11
2490	-12	-12	-12	-13	-11	-11	-11	-12	-8	-4
2500	-1	-1	-1	-1	2	3	3	3	3	3
2510	12	12	11	8	5	3	0	-2	10	13
2520	5	5	7	7	13	16	17	17	17	17
2530	14	11	13	12	11	8	4	3	2	0
2540	-2	2	7	10	7	10	6	7	9	11
2550	9	6	7	7	7	7	7	7	7	5
2560	7	7	7	7	7	7	7	7	7	4
2570	2	1	1	-2	-3	-6	-6	-6	-6	-4
2580	-1	-7	-11	-13	-13	-12	-10	-9	-3	-3
2590	0	0	1	1	1	1	1	1	1	1
2600	7	6	6	8	8	8	8	7	7	7
2610	10	11	11	11	11	13	11	7	6	6
2620	7	7	9	11	12	16	25	28	28	26
2630	36	25	24	21	20	17	21	29	27	27
2640	27	25	24	24	23	23	22	21	22	22

TO BE CONTINUED



CONTINUED( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2650	22	22	22	25	25	23	21	18	19	20
2660	22	24	16	17	15	11	10	2	2	8
2670	-14	-16	-18	-19	-17	-16	-13	-16	-10	-12
2680	-13	-16	-18	-23	-23	-23	-31	-17	-16	-23
2690	-23	-23	-23	-32	-33	-33	-31	-31	-16	-16
2700	-19	-23	-27	-31	-32	-32	-13	-14	-15	-27
2710	-18	-14	-14	-10	-17	-13	-13	-14	-15	-11
2720	-10	-12	-13	-19	-19	-13	-9	-8	-4	-3
2730	-3	-8	-12	-13	-20	-25	-29	-31	-34	-34
2740	-39	-43	-44	-40	-34	-30	-30	-25	-20	-14
2750	-19	-5	-12	-3	-5	-6	0	-12	-16	-18
2760	-19	-16	-14	-11	-9	-2	0	2	0	0
2770	-11	-3	-5	-7	-7	-2	2	2	-10	-10
2780	-11	-9	-5	-2	2	2	2	2	2	2
2790	3	2	2	-2	-3	-3	-4	-4	-6	-6
2800	-7	-8	-9	-9	-3	-3	-3	-1	0	5
2810	5	2	0	-1	0	-1	-3	-6	-4	-1
2820	0	6	8	9	13	16	15	14	15	13
2830	10	8	5	-2	-7	-7	-8	-11	-11	-11
2840	-8	-5	-2	0	0	1	1	0	0	4
2850	7	7	6	5	2	4	3	5	8	11
2860	14	14	22	26	26	28	31	32	31	31
2870	29	29	28	28	24	27	24	23	20	18
2880	16	18	21	24	26	23	22	18	16	12
2890	12	11	3	3	3	3	3	2	3	1
2900	1	1	3	4	4	5	5	5	5	5
2910	2	-1	-5	-10	-16	-21	-21	-21	-20	-21
2920	-19	-17	-18	-19	-19	-18	-17	-17	-13	-12
2930	-13	-15	-15	-15	-15	-16	-17	-17	-15	-16
2940	-15	-12	-9	-4	-2	-2	0	0	1	1
2950	0	1	2	1	0	-2	-5	-4	-7	-11
2960	-12	-12	-13	-12	-10	-8	-8	-8	-9	-9
2970	-10	-10	-10	-10	-9	-7	-6	-5	-3	-1
2980	-20	-18	-14	-11	-5	-1	-13	-15	-19	-20
2990	17	20	19	18	17	16	14	9	11	13
3000	9	9	9	8	10	10	17	16	7	8
3010	10	10	11	11	12	11	11	11	11	10
3020	10	10	10	10	10	10	10	10	10	11
3030	10	10	10	8	8	4	4	4	4	4
3040	11	8	8	8	4	4	4	4	4	4
3050	2	2	2	2	3	5	7	8	8	8
3060	8	8	6	4	4	4	2	0	-1	0
3070	0	0	1	3	2	3	1	0	-3	-10
3080	-11	-9	-10	-12	-11	-11	-11	-11	-11	-11
3090	-8	-8	-7	-7	-1	-3	-3	-2	-4	-6
3100	-8	-7	-7	-7	-8	-7	-7	-8	-8	-8
3110	-5	-6	0	0	-2	-2	-1	2	0	-1
3120	0	0	0	0	0	0	0	0	0	0
3130	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
3140	7	11	16	21	22	24	26	28	27	24
3150	19	17	13	11	9	11	12	12	15	17
3160	18	21	23	24	22	22	22	22	20	18
3170	17	17	14	11	8	5	4	4	4	4
3180	4	4	4	4	4	5	7	8	8	7

TO BE CONTINUED

CONTINUED( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	8	8	8	8	7	5	2	1	1	1
3200	1	1	0	0	-1	-3	-5	-6	-6	-9
3210	-15	-16	-17	-18	-18	-21	-22	-22	-22	-22
3220	-22	-23	-23	-23	-22	-20	-19	-19	-19	-16
3230	-12	-7	-9	-7	0	0	-5	-3	-3	0
3240	-1	0	0	0	6	0	0	-1	0	0
3250	1	1	1	1	4	6	7	5	3	1
3260	1	1	1	1	2	6	10	8	8	7
3270	3	0	0	0	2	3	3	3	6	7
3280	7	8	10	10	10	15	16	16	15	16
3290	16	15	14	13	8	6	3	0	0	0
3300	0	1	2	2	3	2	2	2	3	5
3310	8	9	9	10	9	9	9	9	9	12
3320	13	13	14	15	19	21	21	20	20	20
3330	22	21	19	18	18	18	18	14	11	9
3340	8	8	7	7	8	7	9	10	10	10
3350	9	10	11	12	13	9	8	8	7	5
3360	5	4	2	2	4	4	4	5	6	7
3370	8	8	6	6	2	2	1	0	0	-3
3380	-4	-6	-10	-12	-14	-18	-18	-19	-21	-23
3390	-22	-22	-22	-22	-22	-22	-21	-18	-19	-18
3400	-16	-16	-16	-19	-19	-19	-19	-19	-19	-14
3410	-12	-12	-12	-12	-8	-9	-11	-13	-12	-8
3420	-6	-7	-7	-7	-4	-2	-3	-3	-5	-5
3430	-3	-4	-3	-3	-3	-6	-4	-4	-4	-3
3440	-4	-3	-2	-2	-2	-2	-1	0	2	6
3450	5	3	2	2	2	4	6	10	9	7
3460	8	6	6	6	8	3	5	5	7	4
3470	10	12	8	10	12	12	8	5	5	4
3480	3	4	1	-3	-7	-7	-7	-7	-5	-5
3490	-3	-4	-4	-4	-4	0	0	-1	1	7
3500	8	6	6	6	6	6	6	11	15	11
3510	5	5	6	7	5	8	10	11	7	5
3520	7	6	6	7	9	6	6	4	4	4
3530	-2	-1	2	2	5	3	2	2	2	2
3540	0	0	2	4	6	4	5	5	9	11
3550	12	12	15	16	14	12	10	8	5	2
3560	0	-1	-2	-1	-1	-3	-2	2	3	3
3570	2	1	0	-2	-3	-3	0	0	-1	0
3580	-2	-3	-3	-3	-1	0	0	0	0	0
3590	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
3600	5	3	3	3	3	1	1	2	0	-1
3610	1	1	3	4	6	7	4	5	3	3
3620	3	5	0	7	10	6	5	4	4	4
3630	3	0	-3	-6	-6	-6	-6	-6	-6	-5
3640	3	0	-9	-11	-12	-13	-12	-12	-7	-7
3650	-6	-6	-6	-6	-6	-6	-6	-6	-6	-5
3660	-9	-11	-12	-12	-12	-13	-13	-13	-13	-13
3670	-13	-13	-15	-16	-16	-16	-16	-16	-16	-16
3680	-16	-11	-8	-4	-5	-6	-4	-2	-2	0
3690	3	0	2	2	3	5	7	9	9	9
3700	10	10	10	10	10	10	10	10	10	10
3710	6	3	3	3	4	3	2	2	3	3
3720	5	3	3	3	4	5	6	6	6	4

TO BE CONTINUED

CONTINUED ( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3730	0	-2	-3	-3	-4	-4	-4	-5	-5	-5
3740	-5	-2	-2	-2	-1	-2	-2	-1	0	1
3750	3	9	7	4	5	9	6	6	4	9
3760	11	13	13	10	10	10	10	10	12	10
3770	13	10	9	7	6	5	3	3	2	3
3780	2	3	3	3	3	2	0	0	0	0
3790	0	0	0	0	0	0	0	0	0	0
3800	8	8	9	9	10	12	13	12	5	7
3810	8	8	7	7	8	7	9	5	5	7
3820	7	8	7	5	6	6	6	0	0	0
3830	-4	-5	-6	-9	-10	-11	-12	-13	-14	-14
3840	-19	-20	-20	-19	-19	-20	-21	-21	-16	-17
3850	-24	-22	-20	-18	-15	-11	-11	-11	-21	-23
3860	-12	-13	-14	-14	-11	-11	-11	-11	-11	-11
3870	-5	-1	-1	-1	-1	-1	-3	-4	-4	-1
3880	-1	-1	-1	-1	-1	0	0	0	0	0
3890	0	2	8	9	8	9	12	13	13	17
3900	10	9	9	9	6	7	8	9	9	9
3910	3	5	7	6	6	7	8	9	9	9
3920	2	0	11	9	10	9	9	9	9	9
3930	2	0	2	2	1	1	0	0	1	0
3940	0	0	0	0	0	0	0	-5	-9	-9
3950	-15	-15	-14	-14	-13	-12	-13	-13	-13	-13
3960	-10	-9	-8	-6	-5	-5	-5	-5	-5	-5
3970	-3	-2	-2	-2	-1	0	0	0	0	0
3980	0	3	4	4	4	4	5	7	7	7
3990	8	9	5	5	3	3	2	2	3	2
4000	3	1	0	1	0	0	0	0	0	0
4010	4	6	7	6	7	6	4	4	5	4
4020	2	0	0	-2	5	4	4	5	4	3
4030	7	6	4	4	3	4	4	4	5	7
4040	0	0	0	0	0	0	0	0	0	0
4050	0	3	3	3	3	3	3	3	3	3
4060	8	8	8	8	6	5	5	5	6	4
4070	4	5	8	10	10	9	9	11	12	9
4080	5	4	4	5	4	4	5	5	4	4
4090	4	7	5	5	8	10	10	10	10	10
4100	9	7	6	6	4	4	4	4	3	2
4110	2	2	2	1	1	0	1	1	0	0
4120	0	2	1	1	-2	-4	-4	-4	-4	-3
4130	-2	0	1	1	1	1	1	1	2	2
4140	4	5	6	8	8	7	9	11	11	10
4150	11	13	11	11	11	11	10	10	11	10
4160	10	10	9	9	9	8	6	6	6	6
4170	1	0	0	-1	-2	-3	-3	-6	-6	-6
4180	-8	-10	-10	-10	-13	-16	-19	-19	-22	-21
4190	-21	-21	-21	-19	-19	-19	-20	-17	-16	-16
4200	-15	-6	-6	-6	-10	-11	-11	-11	-11	-11
4210	-11	-9	-8	-6	-8	0	0	2	1	1
4220	1	1	2	1	3	4	2	3	3	3
4230	4	4	1	1	0	0	0	1	0	0
4240	0	4	1	-3	-5	-6	-5	-3	-3	-3
4250	-3	-3	-2	0	1	8	9	11	10	10
4260	10	11	14	14	15	20	20	23	23	23

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4810	-1	0	0	0	0	0	1	2	4	5
4820	3	0	4	0	3	2	0	0	0	0
4830	0	0	0	-1	0	-2	-3	-2	-3	-2
4840	0	0	0	-3	-3	0	0	0	0	0
4850	-1	-2	-1	0	0	0	8	9	9	3
4860	-3	-1	7	4	5	7	10	10	10	9
4870	4	5	7	10	10	10	6	6	5	8
4880	9	10	7	7	6	6	0	0	0	8
4890	8	7	7	7	6	6	0	0	0	5
4900	3	1	2	2	1	0	0	0	0	0
4910	0	0	0	0	0	0	0	0	0	0
4920	0	0	0	0	0	0	0	0	0	0
4930	0	0	0	0	0	0	0	0	0	0
4940	0	0	0	0	0	0	0	0	0	0
4950	1	1	3	5	5	4	2	0	1	8
4960	8	2	6	4	4	4	0	0	3	2
4970	4	2	2	1	1	0	-6	-7	-7	0
4980	-1	-2	-3	-4	-4	-5	-6	-7	-7	-8
4990	-7	-8	-8	-8	-7	-7	1	2	3	4
5000	-2	5	5	4	4	6	6	5	5	5
5010	3	4	4	4	4	5	5	5	5	4
5020	3	4	4	4	4	5	5	5	5	4
5030	1	1	1	0	0	0	0	0	0	0
5040	0	1	1	1	2	1	3	5	5	6
5050	7	8	7	6	7	6	6	6	6	6
5060	6	5	6	5	5	4	5	5	4	4
5070	2	2	2	2	1	2	2	2	2	2
5080	2	2	2	2	2	2	3	3	2	2
5090	1	1	1	1	1	0	0	0	-2	0
5100	0	0	0	0	0	0	0	0	0	0
5110	-1	0	0	0	0	0	0	-2	-2	0
5120	0	0	0	0	0	0	0	0	0	0
5130	0	0	0	0	0	0	0	0	0	0
5140	0	0	0	0	0	0	0	0	0	0
5150	1	1	1	2	2	2	3	3	4	5
5160	7	8	9	10	10	10	9	9	9	7
5170	6	6	6	6	7	8	8	8	8	9
5180	10	11	11	10	9	10	9	9	9	9
5190	8	7	7	7	7	7	6	6	6	6
5200	8	7	7	7	7	7	6	6	6	6
5210	6	4	3	2	1	0	0	0	0	1
5220	1	0	0	0	1	1	0	0	0	0
5230	0	0	0	0	0	0	0	0	0	0
5240	0	0	0	0	0	0	0	0	0	0
5250	-2	-3	-3	-3	-3	-3	-2	-2	-2	-2
5260	-1	-2	-2	-2	-2	-2	-3	-3	-3	-3
5270	-3	-3	-3	-4	-4	-4	-4	-4	-4	-4
5280	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
5290	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
5300	-3	0	0	-1	-1	-1	-1	-1	0	0
5310	0	0	0	0	0	0	0	0	0	0
5320	0	0	0	0	0	0	0	0	0	0
5330	1	1	1	1	1	1	1	1	1	1
5340	5	6	5	5	6	6	7	7	6	7

TO BE CONTINUED

CONTINUED ( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
5350	6	5	5	5	4	4	4	4	5	4
5360	0	0	2	2	1	1	0	0	0	0
5370	0	0	0	0	0	0	0	0	0	0
5380	0	1	1	2	2	2	2	2	1	2
5390	1	1	2	2	2	2	2	2	2	2
5400	2	2	2	2	2	2	2	2	2	2
5410	2	2	2	2	2	2	2	2	2	2
5420	1	2	2	2	2	2	2	2	2	2
5430	4	4	3	3	2	2	2	2	2	2
5440	1	2	3	3	2	2	2	2	2	2
5450	6	6	5	5	5	4	4	4	4	4
5460	2	2	3	3	2	2	2	2	2	2
5470	0	0	0	0	0	0	0	0	0	0
5480	1	1	1	2	2	2	2	2	2	2
5490	1	2	2	2	2	2	2	2	2	2
5500	4	7	6	6	7	7	6	6	7	6
5510	4	6	6	6	7	7	6	6	7	6
5520	5	5	5	5	5	5	4	4	4	4
5530	5	5	5	5	5	5	4	4	4	4
5540	-5	-3	-4	-4	-2	-2	-2	-2	-2	-2
5550	-3	-3	-5	-5	-8	-10	-10	-11	-10	-10
5560	-10	-10	-7	-7	-9	-9	-9	-9	-9	-9
5570	-9	-7	-7	-6	-6	-6	-6	-6	-6	-6
5580	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4
5590	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
5600	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
5610	-3	-3	-3	-3	-3	-3	-4	-4	-4	-4
5620	0	0	0	0	0	0	0	0	0	0
5630	0	0	0	0	0	0	0	0	0	0
5640	7	8	8	8	10	9	8	8	8	8
5650	1	1	1	1	2	2	2	2	2	2
5660	4	5	5	4	4	4	4	4	4	4
5670	0	0	0	0	0	0	0	0	0	0
5680	0	0	0	0	0	0	0	0	0	0
5690	1	1	1	1	1	1	1	1	1	1
5700	-2	-2	-2	-2	-3	-3	-3	-3	-3	-3
5710	0	0	0	0	0	0	0	0	0	0
5720	0	0	0	0	0	0	0	0	0	0
5730	0	0	0	0	0	0	0	0	0	0
5740	0	0	0	0	0	0	0	0	0	0
5750	0	0	0	0	0	0	0	0	0	0
5760	0	0	0	0	0	0	0	0	0	0
5770	-1	-1	-1	-1	-2	-3	-4	-4	-5	-5
5780	0	0	0	0	0	0	0	0	0	0
5790	0	0	0	0	0	0	0	0	0	0
5800	6	6	6	6	6	6	6	6	6	6
5810	6	6	6	6	6	6	6	6	6	6
5820	6	6	6	6	6	6	6	6	6	6
5830	6	6	6	6	6	6	6	6	6	6
5840	9	9	9	9	10	10	10	10	9	10
5850	9	9	9	9	9	9	9	9	9	9
5860	3	3	3	2	2	2	2	2	2	2
5870	1	1	1	0	-1	-1	-1	-1	-1	-1
5880	-7	-10	-10	-11	-11	-10	-10	-10	-10	-10

TO BE CONTINUED

CONTINUED ( S-1055 DOWN )										CONTINUED ( S-1055 DOWN )												
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	
5890	-10	-10	-10	-9	-10	-10	-10	-10	-10	-9	6430	4	4	4	4	5	5	5	5	6	6	4
5900	-4	-3	-3	-2	-1	-1	-1	-1	-1	-6	6440	4	4	4	4	4	4	4	4	4	4	4
5910	0	0	0	0	0	0	0	0	0	0	6450	3	3	3	3	3	3	3	3	3	3	0
5920	0	0	0	0	0	0	0	0	0	0	6460	0	0	0	0	0	0	0	0	0	0	-1
5930	-3	-3	-3	-2	-1	-1	-1	-1	-1	-7	6470	-1	-1	-1	-1	0	0	0	0	0	0	-2
5940	-4	-3	-2	0	0	0	0	0	0	0	6480	-3	-3	2	2	2	2	2	2	2	2	-2
5950	0	0	0	0	0	0	0	0	0	0	6490	0	0	2	2	2	2	2	2	2	2	-1
5960	0	0	0	0	0	0	0	0	0	0	6500	4	4	-2	-2	-2	-2	-2	-2	-2	-2	-1
5970	0	0	0	0	0	0	0	0	0	0	6510	-4	-4	-2	-2	-2	-2	-2	-2	-2	-2	-2
5980	0	0	0	0	0	0	0	0	0	0	6520	-3	-3	-2	-2	-2	-2	-2	-2	-2	-2	-1
5990	0	0	0	0	0	0	0	0	0	0	6530	0	0	-4	-4	-4	-4	-4	-4	-4	-4	-2
6000	2	2	2	1	1	1	1	1	1	1	6540	-6	-6	0	0	0	0	0	0	0	0	-1
6010	-1	-2	-2	-3	-2	-2	-2	-2	-2	-3	6550	-6	-6	-2	-2	-2	-2	-2	-2	-2	-2	-1
6020	-2	-3	-3	-2	-2	-2	-2	-2	-2	-3	6560	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6030	-2	-3	-3	-2	-2	-2	-2	-2	-2	-3	6570	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
6040	-3	-3	-3	-2	-2	-2	-2	-2	-2	-4	6580	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1	-2
6050	-6	-6	-6	-4	-4	-4	-4	-4	-4	-9	6590	4	4	3	3	3	3	3	3	3	3	2
6060	-4	-4	-4	-1	-1	-1	-1	-1	-1	-5	6600	4	4	3	3	3	3	3	3	3	3	4
6070	-4	-4	-4	-1	-1	-1	-1	-1	-1	-5	6610	4	4	4	4	4	4	4	4	4	4	4
6080	-5	-5	-5	1	1	1	1	1	1	1	6620	4	4	4	4	4	4	4	4	4	4	2
6090	1	1	1	1	1	1	1	1	1	1	6630	2	2	2	2	2	2	2	2	2	2	1
6100	1	1	1	1	1	1	1	1	1	1	6640	0	0	0	0	0	0	0	0	0	0	0
6110	2	2	2	2	2	2	2	2	2	2	6650	0	0	0	0	0	0	0	0	0	0	-2
6120	1	1	1	1	1	1	1	1	1	1	6660	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
6130	1	1	1	0	-2	-2	-2	-2	-2	-1	6670	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
6140	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	6680	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
6150	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	6690	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6160	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	6700	0	0	-2	-2	-2	-2	-2	-2	-2	-2	-2
6170	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	6710	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
6180	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	6720	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
6190	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	6730	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
6200	0	0	0	-4	-4	-4	-4	-4	-4	-4	6740	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
6210	-1	-1	-1	-4	-4	-4	-4	-4	-4	-4	6750	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6220	-1	-1	-1	-4	-4	-4	-4	-4	-4	-4	6760	1	1	1	1	1	1	1	1	1	1	1
6230	-6	-6	-6	-4	-4	-4	-4	-4	-4	-4	6770	4	4	4	4	4	4	4	4	4	4	4
6240	-4	-3	-3	-3	-3	-3	-3	-3	-3	-3	6780	4	4	4	4	4	4	4	4	4	4	4
6250	0	0	0	3	3	3	3	3	3	3	6790	4	4	4	4	4	4	4	4	4	4	4
6260	4	6	6	6	6	6	6	6	6	6	6800	6	6	6	6	6	6	6	6	6	6	6
6270	6	6	6	6	6	6	6	6	6	6	6810	6	6	6	6	6	6	6	6	6	6	6
6280	7	6	6	6	6	6	6	6	6	6	6820	4	4	4	4	4	4	4	4	4	4	4
6290	7	6	6	6	6	6	6	6	6	6	6830	0	0	0	0	0	0	0	0	0	0	0
6300	2	0	0	0	0	0	0	0	0	0	6840	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
6310	0	-1	-2	0	0	0	0	0	0	0	6850	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
6320	-2	0	0	0	0	0	0	0	0	0	6860	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
6330	3	3	3	3	3	3	3	3	3	3	6870	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
6340	3	3	3	3	3	3	3	3	3	3	6880	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
6350	3	3	3	3	3	3	3	3	3	3	6890	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
6360	1	-1	-2	1	0	0	0	0	0	0	6900	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
6370	-5	-5	-5	-4	-4	-4	-4	-4	-4	-4	6910	0	0	0	0	0	0	0	0	0	0	0
6380	-4	-5	-7	-7	-7	-7	-7	-7	-7	-7	6920	0	0	0	0	0	0	0	0	0	0	0
6390	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	6930	3	3	3	3	3	3	3	3	3	3	3
6400	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	6940	3	3	3	3	3	3	3	3	3	3	3
6410	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	6950	2	2	2	2	2	2	2	2	2	2	2
6420	2	3	3	3	3	3	3	3	3	3	6960	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1055 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
6970	-5	-4	-4	-4	-4	-3	-6	-5	-6	-6
6980	-7	-7	-7	-7	-7	-3	-7	-7	-7	-5
6990	-3	-4	-5	-5	-5	-4	-5	-5	-5	-5
7000	-5	-5	-3	-2	0	1	1	1	1	-1
7010	-7	-8	-8	-6	-8	-8	-6	-6	-6	-6
7020	-4	-5	-4	-4	-4	-5	-5	-5	-5	-5
7030	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7040	-3	-5	-5	-5	-5	-5	-5	-5	-5	-5

END

RECORD = S-1064 COMPONENT = S06E STATION = SHIMIZU-KOUYO-S  
DATE AND TIME = 1978-01-15-07-46 TOTAL NUMBER OF DATA = 3250  
SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
SIGNAL = GR.ACC. CONNECTION POINT IN DATA NUMBER = 3250,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	34	34	34	34	34	34	35	35	35	35
10	36	37	38	39	40	41	43	44	44	42
20	41	40	38	37	36	31	19	7	-4	-16
30	-28	-40	-33	-21	-9	1	13	24	37	50
40	63	76	87	100	103	107	110	113	117	110
50	103	95	88	80	70	59	48	38	27	24
60	27	-33	-40	-48	-55	-62	-69	-73	-77	-81
70	-27	-33	-40	-48	-55	-62	-69	-73	-77	-81
80	-83	-82	-82	-81	-79	-76	-73	-70	-65	-60
90	-54	-49	-36	-22	-8	3	10	17	25	39
100	57	74	92	110	128	147	177	216	270	290
110	290	290	244	191	138	89	68	47	26	-2
120	-32	-61	-120	-183	-241	-277	-313	-324	-312	-301
130	-274	-227	-180	-130	-58	12	76	105	134	150
140	150	150	150	151	151	152	153	169	127	105
150	79	49	19	11	11	3	-40	-84	-117	-142
160	-166	-185	-205	-222	-239	-251	-253	-254	-241	-225
170	-202	-159	-117	-50	27	105	184	249	240	231
180	197	155	119	111	103	110	118	102	67	33
190	-1	-36	-24	-12	14	48	73	92	105	108
200	109	97	85	63	40	22	5	-10	-34	-34
210	-38	-41	-41	-40	-37	-31	-16	1	32	62
220	84	104	113	121	109	96	66	-2	-40	-77
230	-86	-94	-82	-69	-56	-42	-32	-23	-24	-22
240	-7	9	29	49	68	78	79	79	71	57
250	60	39	-6	-7	-5	0	5	4	-13	-57
260	-94	-125	-144	-160	-144	-123	-84	-50	-27	-3
270	22	53	85	81	74	52	58	33	41	53
280	57	58	50	36	16	4	-8	-34	-62	-91
290	-102	-105	-82	-24	-3	15	30	32	32	32
300	35	40	56	68	71	74	76	76	77	77
310	53	25	9	-10	-34	-52	-63	-59	-55	-51
320	-49	-50	-52	-55	-53	-41	-16	7	19	32
330	44	49	53	57	60	59	56	44	26	3
340	0	17	64	94	120	143	163	174	171	146
350	113	72	43	17	-9	-65	-115	-146	-153	-155
360	-153	-148	-144	-139	-117	-78	-28	9	32	43
370	34	3	-26	-36	-32	-28	-27	-29	-25	-18
380	-14	-10	-18	-54	-73	-93	-117	-130	-123	-107
390	-84	-46	7	73	102	130	149	157	153	99
400	22	3	-16	-28	-27	0	36	78	126	148
410	169	184	190	179	142	93	54	25	6	6
420	-27	-49	-60	-60	-60	-69	-70	-70	14	37
430	57	75	94	101	103	98	83	49	25	8
440	-2	-5	-5	-1	4	7	14	19	17	1
450	-4	-27	-57	-66	-108	-121	-132	-137	-130	-114
460	-87	-84	-48	-30	-15	-2	15	38	52	64
470	71	72	68	62	48	33	19	6	-2	0
480	1	2	0	-7	-21	-27	-29	-31	-31	-28

TO BE CONTINUED

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	-23	-18	-15	-16	-26	-38	-46	-52	-53	-45
500	-32	-24	-11	-15	-13	-11	-10	-12	-20	-27
510	-28	-22	-17	-20	-27	-37	-49	-56	-57	-54
520	-60	-62	-62	-65	-74	-81	-86	-90	-91	-87
530	-60	-76	-72	-69	-67	-66	-65	-64	-62	-62
540	-28	-15	-4	2	2	3	7	17	31	42
550	54	57	70	85	98	114	114	114	113	113
560	108	98	74	58	45	34	31	31	31	43
570	60	66	71	78	84	85	87	88	85	77
580	65	45	28	18	16	20	23	25	29	34
590	78	44	30	34	59	64	72	75	78	78
600	72	55	36	22	17	10	0	-13	-38	-59
610	-81	-107	-132	-151	-165	-175	-182	-185	-185	-181
620	-60	-143	-115	-88	-62	-40	-30	-22	-25	-25
630	-39	-49	-52	-51	-41	-27	-18	-5	10	2
640	30	35	33	33	33	33	33	33	33	33
650	19	31	42	49	49	40	27	7	-1	-16
660	-28	-41	-53	-60	-63	-60	-53	-43	-31	-19
670	-9	0	3	4	0	-7	-15	-20	-25	-24
680	-15	0	20	40	58	77	92	96	92	81
690	68	52	23	14	14	12	15	23	34	42
700	46	47	47	42	33	27	26	25	25	28
710	34	41	52	69	87	93	92	87	73	48
720	30	16	8	0	-2	-4	-5	-2	-1	-1
730	0	0	-5	-26	-50	-70	-96	-126	-153	-167
740	-175	-175	-174	-162	-137	-110	-78	-62	-4	36
750	69	87	101	111	109	101	75	60	37	11
760	0	-4	-5	-8	-9	-9	-9	-10	-12	-16
770	-22	-25	-25	-25	-25	-18	-2	14	30	49
780	66	81	87	86	86	86	86	86	85	81
790	78	75	71	69	70	73	76	74	69	96
800	103	108	108	108	98	91	69	48	28	7
810	-9	-20	-31	-35	-36	-35	-35	-35	-36	-44
820	-53	-55	-55	-52	-44	-36	-25	-14	-5	3
830	17	28	39	45	49	50	50	37	22	14
840	6	0	-3	-3	-2	0	4	8	12	15
850	15	13	10	8	5	0	-7	-19	-32	-44
860	-51	-55	-51	-47	-45	-43	-41	-45	-46	-49
870	-53	-54	-56	-57	-60	-60	-61	-61	-61	-58
880	-57	-57	-57	-57	-56	-54	-52	-54	-58	-54
890	-65	-74	-85	-92	-94	-92	-84	-78	-71	-63
900	-65	-46	-38	-34	-35	-41	-46	-51	-59	-64
910	-72	-78	-84	-86	-86	-86	-86	-86	-83	-79
920	-75	-68	-54	-48	-38	-26	-16	-7	4	21
930	39	68	149	87	94	104	114	128	136	140
940	142	135	147	145	143	140	132	121	110	102
950	96	93	86	84	79	70	60	48	40	32
960	18	7	2	0	-2	-3	-3	-4	-5	-13
970	-15	-17	-17	-19	-24	-29	-40	-50	-56	-62
980	-65	-65	-61	-59	-54	-51	-38	-29	-19	-11
990	-6	-6	-2	-3	-4	-9	-29	-43	-52	-62
1000	-70	-72	-72	-69	-65	-64	-61	-59	-57	-57
1010	-56	-55	-52	-49	-36	-28	-14	5	15	30
1020	43	56	63	64	65	68	70	69	69	69

CONTINUED( S-1064 SD6F )

Table with 11 columns: NO., ( 1 ), ( 2 ), ( 3 ), ( 4 ), ( 5 ), ( 6 ), ( 7 ), ( 8 ), ( 9 ), ( 10 ). Rows contain numerical data for various identifiers from 1570 to 2100.

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1064 SD6E )

CONTINUED( S-1064 SD6E )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2650	18	35	20	24	28	30	32	34	34	35
2660	35	38	38	38	38	38	38	37	34	34
2670	34	30	29	28	28	28	30	32	33	34
2680	35	34	37	38	38	37	37	34	29	25
2690	23	19	16	13	9	8	6	6	7	6
2700	4	4	4	4	4	4	4	4	4	4
2710	4	5	5	5	5	6	7	7	7	8
2720	8	8	8	7	3	1	0	0	0	0
2730	0	0	0	0	0	0	0	0	0	-1
2740	-4	-5	-5	-5	-5	-5	-5	-5	-5	-4
2750	-3	-3	-3	-3	-2	-2	-1	-1	-2	-3
2760	-4	-6	-8	-8	-8	-7	-4	0	2	5
2770	6	7	7	7	6	3	0	-5	-5	-5
2780	-8	-11	-11	-11	-10	-7	-5	-4	-4	-4
2790	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4
2800	-4	-4	-4	-4	-4	-4	-3	-3	-3	-3
2810	-3	-3	-4	-4	-4	-5	-7	-7	-7	-7
2820	-7	-7	-6	-6	-6	-6	-6	-4	-3	-3
2830	0	0	0	0	0	0	0	0	-4	-4
2840	-8	-8	-9	-9	-10	-10	-11	-11	-11	-11
2850	-11	-10	-11	-11	-10	-7	-6	-6	-5	-3
2860	-4	-5	-6	-6	-7	-7	-7	-7	-5	-5
2870	-3	-3	-2	-2	-3	-3	-2	-2	-3	-2
2880	-1	-1	-1	-1	-1	-1	0	0	0	0
2890	0	0	1	2	5	7	8	9	10	13
2900	15	15	15	15	15	15	15	15	15	15
2910	15	14	12	11	11	10	8	7	5	5
2920	5	1	0	0	-3	-3	-3	-3	-3	-3
2930	-3	-3	-3	-3	-3	-3	-6	-6	-6	-7
2940	-8	-10	-10	-14	-13	-13	-13	-14	-13	-13
2950	-13	-13	-14	-14	-14	-16	-17	-17	-17	-17
2960	-17	-17	-17	-18	-18	-18	-18	-17	-16	-14
2970	-13	-13	-12	-11	-10	-10	-9	-9	-6	-3
2980	-2	-2	0	1	7	10	15	17	20	24
2990	27	30	31	31	31	32	34	34	34	35
3000	35	36	37	38	38	38	38	38	37	37
3010	38	38	37	33	30	26	23	21	19	18
3020	15	13	11	9	5	3	2	1	1	0
3030	-1	-4	-6	-7	-6	-5	-5	-4	-4	-4
3040	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
3050	5	7	8	10	11	10	9	9	9	9
3060	6	6	5	5	5	7	3	3	3	4
3070	6	10	12	15	18	20	24	25	23	26
3080	28	29	29	28	29	29	29	27	27	27
3090	27	27	25	21	20	21	21	20	18	18
3100	14	14	14	12	12	12	12	9	9	9
3110	8	6	6	6	5	5	2	0	-3	-3
3120	-3	-3	-3	-3	-3	-3	-3	-3	-3	-4
3130	-6	-9	-10	-10	-8	-11	-13	-13	-13	-13
3140	-21	-13	-13	-13	-11	-11	-11	-13	-17	-18
3150	-21	-22	-22	-22	-22	-22	-22	-22	-21	-20
3160	-19	-18	-17	-15	-14	-13	-13	-13	-14	-15
3170	-15	-14	-14	-13	-10	-7	-4	-1	0	0
3180	0	0	0	2	4	4	4	4	5	6

END

TO BE CONTINUED



RECORD = S-1064 COMPONENT = ED6N STATION = SHIMIZU-KOJYO-S  
 DATE AND TIME = 1978-01-15-07-31 TOTAL NUMBER OF DATA = 3250  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC. CONNECTION POINT IN DATA NUMBER= 3350.

CONTINUED ( S-1064 ED6N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	86	83	81	79	76	74	71	69	66	64
10	55	41	-27	13	0	-14	-28	-42	-55	-66
20	-77	-88	-110	-121	-106	-61	-17	27	71	151
30	115	158	169	179	189	199	209	210	180	151
40	121	92	63	34	26	17	9	1	-6	-16
50	-27	-38	-49	-60	-66	-69	-71	-74	-77	-48
60	-14	19	53	85	108	131	154	177	165	153
70	141	129	154	126	129	132	132	132	132	132
80	123	90	70	44	20	-1	-22	-43	-72	-108
90	-144	-339	-216	-252	-289	-307	-321	-336	-342	-349
100	-341	-339	-313	-287	-261	-221	-152	-44	44	109
110	155	201	236	262	289	268	221	175	128	84
120	41	-2	-22	-38	-54	-62	-68	-73	-89	-108
130	-126	-37	86	100	155	192	239	267	307	345
140	348	-159	-137	-85	-19	45	52	56	45	20
150	-186	-159	-137	-85	-19	45	52	56	45	20
160	-4	-42	-80	-95	-96	-96	-94	-92	-94	-95
170	-4	-42	-80	-95	-96	-96	-94	-92	-94	-95
180	-100	-107	-117	-139	-161	-173	-183	-196	-211	-214
190	-202	-178	-153	51	106	139	154	156	146	117
200	88	58	27	90	162	189	210	219	225	182
210	120	66	26	12	-44	-74	-84	-98	-18	57
220	86	109	63	17	-25	-68	-93	-116	-76	-35
230	4	45	56	65	-21	-106	-167	-213	-222	-210
240	-164	-122	-88	-53	-13	28	72	82	64	20
250	-38	-64	-80	-69	-51	49	131	152	164	167
260	143	105	65	23	14	11	26	48	88	118
270	141	144	141	96	48	-11	-57	-83	-116	-150
280	-137	-115	-80	-118	-129	-118	-94	-70	79	58
290	19	-31	-80	-118	-129	-118	-94	-70	79	58
300	-14	-24	-55	-82	-96	-84	-59	-46	-9	-9
310	51	48	27	12	2	-28	-52	-53	-43	-28
320	-4	19	44	54	64	78	89	96	96	97
330	97	96	92	86	75	60	42	17	-10	-39
340	-48	-59	-81	-101	-115	-114	-116	-118	-117	-103
350	-83	-54	-30	-14	-4	-1	6	13	20	25
360	25	25	19	4	-39	-88	-138	-159	-148	-118
370	69	-27	10	44	62	71	72	71	68	62
380	51	32	17	16	0	-13	-20	-22	4	42
390	66	106	131	135	113	76	36	7	-2	0
400	13	32	64	91	104	84	49	-2	-78	-107
410	-146	-175	-156	-129	-83	-33	10	53	95	127
420	129	128	122	112	100	89	70	44	20	4
430	-1	0	3	4	4	2	-4	-23	-44	-64
440	-80	-102	-114	-118	-116	-105	-96	-68	-26	22
450	61	68	102	105	108	108	102	90	72	49
460	26	6	8	-16	-31	-45	-43	-24	-8	17
470	42	63	76	72	65	55	42	29	24	8
480	5	5	5	5	-13	-19	-19	-12	1	10

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1064 ED6N )

CONTINUED ( S-1064 ED6N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	42	47	57	68	75	84	91	95	96	94
1040	91	90	93	98	100	99	100	108	113	115
1050	117	119	120	117	115	113	111	110	109	109
1060	114	114	115	116	111	107	101	87	74	56
1070	17	28	40	41	42	43	43	44	50	44
1080	60	71	80	83	86	91	94	95	96	96
1090	97	97	97	94	86	82	73	68	70	70
1100	54	55	55	56	60	65	68	70	70	56
1110	69	63	54	50	48	46	36	24	15	8
1120	-1	21	56	77	100	119	119	117	114	111
1130	110	109	109	101	94	74	67	66	60	53
1140	47	46	46	45	29	9	-4	-17	-21	-23
1150	-24	-24	-27	-39	-51	-63	-69	-75	-76	-84
1160	94	95	95	87	70	56	40	39	39	39
1170	43	48	54	59	60	60	63	64	64	51
1180	-28	-22	-10	1	4	5	6	3	0	-2
1190	-6	-10	-12	-12	-12	-12	-12	-11	-10	-10
1200	-10	-8	-6	0	7	19	36	54	70	82
1210	88	94	105	116	116	113	109	107	102	94
1220	83	73	69	67	60	45	33	26	18	10
1230	0	-15	-27	-34	-35	-37	-37	-33	-31	-31
1240	-27	-18	1	14	15	13	13	18	34	62
1250	80	74	65	55	35	54	46	46	45	38
1260	34	25	23	21	16	2	-21	-23	-35	-45
1270	-6	-5	-52	-55	-56	-56	-56	-56	-57	-57
1280	-56	-56	-53	-50	-49	-49	-49	-47	-54	-57
1290	-61	-63	-63	-63	-63	-63	-74	-86	-90	-91
1300	-91	-90	-82	-69	-61	-59	-59	-59	-56	-59
1310	-24	-18	-8	-5	-4	-4	-4	0	4	9
1320	11	14	16	16	16	17	19	21	22	24
1330	31	39	47	53	56	56	56	56	56	56
1340	56	50	46	46	44	42	42	42	42	42
1350	42	43	46	53	60	60	60	60	61	64
1360	64	61	56	48	40	29	16	10	6	5
1370	4	5	5	6	6	6	6	4	-10	-21
1380	-33	-44	-46	-50	-55	-56	-56	-56	-51	-42
1390	-38	-38	-34	-10	15	29	32	40	40	40
1400	40	40	38	26	11	-4	-10	-16	-19	-20
1410	-23	-51	-67	-70	-71	-71	-73	-73	-73	-77
1420	-94	-94	-94	-94	-96	-81	-76	-67	-55	-36
1430	-25	-24	-24	-15	-5	-4	-4	-4	-5	-11
1440	-13	-13	27	0	1	2	10	18	20	20
1450	27	27	27	30	30	29	29	27	22	12
1460	6	7	7	5	7	12	15	18	21	22
1470	24	26	26	26	26	26	28	31	32	31
1480	30	29	29	29	30	30	30	30	30	30
1490	12	10	6	0	-8	-16	-18	-22	-26	-33
1500	-69	-68	-67	-66	-64	-63	-63	-62	-60	-59
1510	-59	-58	-56	-55	-55	-55	-55	-55	-55	-55
1520	-55	-55	-52	-48	-41	-36	-29	-13	-7	-4
1530	-3	-3	-2	5	10	9	10	10	12	12
1540	13	14	18	29	30	29	30	36	43	44
1550	44	44	44	53	70	74	74	74	74	66
1560	60	56	56	56	56	56	43	39	36	36

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1064 ED6N )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2450	4	4	5	5	4	0	-8	-9	-14	-15
2460	-15	-16	-16	-16	-15	-15	-12	-12	-12	-12
2470	-11	-6	-8	-9	-7	-7	-7	-7	-7	-7
2480	-7	-7	-7	-7	-7	-8	-8	-7	-7	-7
2490	-7	-7	-7	-7	-5	-2	-3	-2	-3	-2
2500	-3	-2	-3	-2	-3	-2	-3	-2	-2	-2
2510	-3	-2	-3	-1	1	2	2	2	2	2
2520	2	2	2	2	2	2	2	2	2	2
2530	9	9	9	9	9	9	9	9	9	9
2540	9	9	9	6	1	-2	-4	-4	-4	-2
2550	0	0	-3	1	5	5	4	3	2	1
2560	1	1	2	4	4	6	8	8	11	14
2570	13	13	13	13	14	16	17	16	17	18
2580	18	20	25	25	26	25	25	25	26	25
2590	26	25	25	25	26	25	25	24	17	9
2600	4	2	2	0	-1	-3	-4	-4	-4	-4
2610	-4	-4	-4	-4	-4	-3	-3	-3	-3	-3
2620	-4	-5	-4	-4	-7	-7	-7	-9	-9	-9
2630	-9	-9	-9	-9	-10	-9	-11	-14	-16	-19
2640	-1	-23	-23	-23	-22	-22	-20	-19	-17	-17
2650	-17	-17	-17	-12	-9	-10	-9	-5	-3	-4
2660	-3	-3	-3	-3	0	1	1	2	3	5
2670	-3	-3	-3	-3	8	11	13	15	15	18
2680	18	20	24	27	27	28	29	30	31	31
2690	31	31	32	31	31	31	31	31	31	31
2700	31	31	33	36	38	39	41	41	41	42
2710	44	46	49	51	53	56	58	58	56	50
2720	41	39	37	37	34	33	30	28	27	27
2730	26	22	18	17	17	18	16	16	7	7
2740	4	4	4	4	4	3	2	1	1	0
2750	-1	-2	-6	-14	-17	-22	-27	-30	-33	-38
2760	-8	-8	-8	-8	-5	-7	-7	-5	-6	-6
2770	-38	-38	-38	-38	-38	-38	-38	-34	-31	-27
2780	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27
2790	-11	-11	-11	-11	-12	-12	-11	-11	-11	-11
2800	-10	-13	-14	-13	-11	-9	-7	-6	-4	-4
2810	-4	-2	-1	-1	-1	0	0	2	2	1
2820	3	3	3	3	3	2	2	0	-2	-2
2830	-3	-5	-9	-12	-13	-13	-13	-28	-28	-28
2840	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28
2850	-28	-28	-28	-28	-29	-29	-29	-30	-31	-33
2860	-28	-28	-28	-28	-38	-38	-38	-38	-38	-38
2870	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36
2880	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
2890	11	13	13	13	16	17	16	16	20	20
2900	29	43	46	46	53	55	61	55	55	60
2910	66	71	75	75	75	75	75	76	76	75
2920	75	75	75	75	75	75	75	75	75	75
2930	73	71	69	65	62	56	51	48	46	36
2940	32	31	24	13	9	4	3	3	3	3
2950	0	0	0	-2	-3	-5	-8	-10	-10	-10
2960	10	10	10	10	10	10	10	10	10	10
2970	1	1	1	1	1	1	1	1	1	1
2980	1	1	1	1	1	1	1	1	1	1
2990	1	1	1	1	1	1	1	1	1	1
3000	1	1	1	1	1	1	1	1	1	1
3010	1	1	1	1	1	1	1	1	1	1
3020	1	1	1	1	1	1	1	1	1	1
3030	1	1	1	1	1	1	1	1	1	1
3040	1	1	1	1	1	1	1	1	1	1
3050	1	1	1	1	1	1	1	1	1	1
3060	1	1	1	1	1	1	1	1	1	1
3070	1	1	1	1	1	1	1	1	1	1
3080	1	1	1	1	1	1	1	1	1	1
3090	1	1	1	1	1	1	1	1	1	1
3100	1	1	1	1	1	1	1	1	1	1
3110	1	1	1	1	1	1	1	1	1	1
3120	1	1	1	1	1	1	1	1	1	1
3130	1	1	1	1	1	1	1	1	1	1
3140	1	1	1	1	1	1	1	1	1	1
3150	1	1	1	1	1	1	1	1	1	1
3160	1	1	1	1	1	1	1	1	1	1
3170	1	1	1	1	1	1	1	1	1	1
3180	1	1	1	1	1	1	1	1	1	1

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1064 ED&N )

RECORD = S-1064 COMPONENT = DOWN STATION = SHIMIZU-KOJYO-S  
 DATE AND TIME = 1978-04-15-07-46 TOTAL NUMBER OF DATA = 3250  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR.ACC.

CONNECTION POINT IN DATA NUMBER= 3250,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	10	10	10	10	10	10	10	10	10	10
10	3	-8	-20	-32	-44	-56	-67	-79	-77	-66
20	-56	-45	-35	-24	-14	-3	7	17	28	39
30	49	60	63	65	67	69	71	73	67	59
40	51	43	35	28	21	14	7	0	-6	-12
50	-18	-25	-31	-37	-43	-48	-54	-59	-65	-51
60	-34	-18	-1	12	21	30	39	47	50	51
70	52	53	54	55	56	57	58	58	59	59
80	58	55	52	49	46	42	38	34	32	31
90	31	30	26	21	15	5	-19	-45	-70	-80
100	-85	-89	-92	-90	-89	-87	-85	-89	-89	-21
110	-2	16	34	49	63	76	76	76	76	66
120	55	45	41	38	36	36	36	36	36	36
130	35	23	10	-2	-22	-42	-60	-68	-76	-81
140	-81	-81	-77	-71	-65	-53	-40	-27	-12	2
150	15	28	40	54	71	92	120	150	180	210
160	-19	-13	-7	-2	2	7	7	7	7	1
170	-22	-26	-30	-31	-31	-29	-22	-16	-4	9
180	17	22	26	30	35	33	30	25	18	15
190	24	32	47	63	73	81	73	53	32	9
200	-13	-29	-45	-47	-48	-49	-49	-50	-52	-52
210	-54	-56	-56	-57	-57	-51	-28	-3	36	74
220	84	95	100	104	101	97	82	66	58	50
230	45	40	29	18	11	4	4	4	5	5
240	-1	-7	-8	-3	11	24	36	44	48	49
250	47	39	28	18	9	3	-3	-14	-23	-30
260	-33	-34	-35	-37	-37	-39	-45	-50	-49	-35
270	-9	20	53	75	90	86	81	76	64	49
280	-2	-2	-19	-29	-31	-29	-25	-20	-18	-17
290	-16	-15	-18	-21	-22	-25	-29	-12	5	22
300	29	11	33	33	28	19	9	0	-6	-10
310	-11	-10	-4	-1	1	2	0	-8	-15	-22
320	-27	-29	-29	-20	-10	0	8	14	16	22
330	28	32	34	35	29	21	10	5	3	6
340	14	22	27	26	23	21	20	20	22	21
350	20	18	16	13	11	4	-2	-5	-5	-3
360	1	8	17	27	28	27	25	20	17	15
370	15	22	29	31	32	31	28	17	7	-1
380	-7	-7	-2	2	5	6	4	-5	-12	-18
390	-24	-30	-29	-21	-16	-12	-8	-3	0	5
400	11	13	14	14	12	10	10	11	11	11
410	9	4	-1	-4	-6	-8	-10	-8	0	11
420	22	27	32	35	38	41	43	45	48	53
430	62	74	82	82	79	68	45	27	14	6
440	1	0	-9	-20	-30	-35	-36	-36	-36	-37
450	-37	-37	-37	-36	-30	-20	-12	-4	6	20
460	24	24	27	27	28	31	36	46	48	48
470	48	48	48	44	39	30	19	8	0	0
480	-13	-17	-14	-12	-7	-1	4	11	24	37

TO BE CONTINUED

CONTINUED ( S-1064 DOWN )

CONTINUED ( S-1064 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	45	47	43	35	20	1	-2	-4	-17	-42
500	-46	-45	-43	-45	-41	-28	-7	0	24	11
510	15	17	17	17	13	11	14	31	24	28
520	36	47	54	57	63	61	47	50	15	6
530	5	0	-1	-2	-1	0	2	4	4	0
540	-6	-12	-15	-17	-15	-15	-13	-12	-10	-10
550	-6	-1	0	-1	-8	-14	-16	-14	-15	-15
560	-12	-5	0	4	7	8	7	2	-8	-14
570	-18	-21	-20	-18	-14	-12	-7	0	2	4
580	6	7	7	9	13	18	20	18	16	12
590	9	8	8	8	8	7	7	10	13	14
600	12	8	4	0	-2	-5	-5	-5	-9	-19
610	-25	-30	-36	-41	-42	-40	-36	-26	-14	2
620	11	23	30	30	24	18	13	10	7	6
630	5	4	3	2	2	0	-2	-7	-10	-9
640	-1	4	14	22	23	26	26	20	12	1
650	-6	-9	-8	0	17	37	58	61	61	68
660	68	68	67	65	65	64	64	64	63	58
670	44	28	16	-2	-18	-23	-24	-24	-24	-26
680	-27	-31	-39	-49	-60	-78	-86	-107	-116	-116
690	-115	-108	-78	-81	-64	-43	-29	-11	4	24
700	42	57	66	73	81	84	85	86	86	86
710	85	83	80	78	78	76	67	53	41	11
720	-7	-19	-31	-40	-41	-40	-38	-33	-27	-23
730	-22	-21	-18	-16	-14	-14	-14	-15	-15	-13
740	-8	-5	0	4	11	23	34	44	49	51
750	51	56	66	68	70	73	74	70	57	40
760	17	3	-9	-16	-22	-20	-15	-12	-10	-10
770	-9	-9	-10	-11	-11	-10	-10	-8	-8	-11
780	-14	-14	-14	-14	-14	-14	-15	-17	-17	-17
790	-17	-16	-14	-8	-4	-2	-2	-3	-5	-7
800	-9	-14	-17	-27	-34	-34	-34	-34	-34	-28
810	-20	-12	-5	5	20	31	43	50	52	53
820	50	47	43	39	39	34	36	37	37	37
830	40	41	42	45	47	43	36	29	24	19
840	11	4	3	0	-2	-2	-1	1	1	1
850	1	1	0	-1	-3	-5	-5	-8	-11	-14
860	-18	-20	-20	-21	-18	-12	-5	-1	2	2
870	2	0	-2	-5	-8	-16	-19	-21	-21	-21
880	-20	-20	-20	-19	-19	-17	-4	0	4	8
890	14	12	12	10	6	6	6	7	8	11
900	24	27	31	35	39	40	40	40	39	38
910	38	36	38	38	38	35	32	27	22	15
920	9	4	1	-2	-5	-6	-2	3	8	12
930	18	23	26	28	26	24	22	21	19	15
940	12	11	10	8	7	7	7	7	8	6
950	-2	-1	-10	-19	-24	-29	-36	-44	-48	-46
960	-47	-45	-45	-43	-38	-38	-39	-39	-38	-38
970	-37	-35	-32	-25	-19	-16	-11	-3	0	3
980	-6	8	8	8	8	8	8	8	12	15
990	22	28	29	30	31	30	26	22	13	2
1000	-1	-11	-15	-21	-24	-23	-23	-22	-19	-19
1010	-19	-19	-19	-19	-11	-6	-1	5	12	18
1020	27	34	39	42	42	39	34	32	25	19

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1054 DOWN )

CONTINUED( S-1064 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	1	-4	-4	-7	-10	-10	-7	-5	-4	-4
1580	4	-1	-2	1	0	2	5	6	9	9
1590	17	11	13	14	16	15	17	17	18	17
1600	9	17	14	9	-2	-7	-15	-21	-28	-28
1610	-33	-35	-36	-35	-35	-36	-31	-26	-25	-25
1620	-26	-28	-22	-18	-14	-9	-2	5	9	9
1630	9	9	9	11	14	17	19	20	19	19
1640	19	19	19	19	18	16	13	12	10	9
1650	9	6	2	-3	-9	-11	-12	-14	-15	-15
1660	-15	-16	-13	-13	-12	-11	-9	-8	-7	-7
1670	-4	-5	-4	-4	-4	-4	-4	-4	-4	-4
1680	-1	-2	-2	-2	-2	-2	-2	-2	-2	-2
1690	-7	-7	-7	-7	-8	-8	-8	-8	-8	-8
1700	-11	-11	-11	-11	-11	-10	-8	-3	1	4
1710	-1	0	2	2	2	1	4	3	4	4
1720	5	4	4	4	4	5	4	3	1	0
1730	0	0	0	1	4	7	8	7	7	7
1740	7	6	5	5	7	10	11	11	11	10
1750	8	7	4	2	0	0	-1	-2	-4	-4
1760	-9	-8	-8	-9	-10	-10	-9	-10	-9	-9
1770	-7	-10	-12	-14	-15	-15	-15	-14	-14	-14
1780	-14	-14	-13	-14	-14	-14	-14	-11	-7	-5
1790	-4	-4	-3	-2	-2	-1	0	0	0	0
1800	10	12	13	12	13	13	12	9	9	9
1810	9	6	6	6	6	8	8	8	8	8
1820	8	8	8	9	8	8	8	8	8	8
1830	16	16	16	16	16	16	12	15	16	16
1840	10	10	10	10	10	11	10	10	10	10
1850	12	11	12	10	8	4	2	2	-2	-6
1860	-7	-13	-16	-18	-18	-18	-19	-20	-21	-21
1870	-21	-21	-21	-21	-21	-24	-25	-24	-24	-24
1880	-25	-26	-27	-27	-27	-26	-22	-20	-17	-17
1890	-16	-14	-13	-11	-7	-4	-2	0	2	4
1900	7	13	18	20	20	20	20	20	18	18
1910	16	16	14	13	13	11	10	10	10	10
1920	10	10	10	10	10	10	10	9	6	3
1930	1	0	-1	-1	-1	0	1	3	4	4
1940	4	5	5	6	8	8	8	11	12	12
1950	12	12	12	12	12	12	12	11	11	11
1960	6	4	2	1	0	-1	-5	-6	-6	-6
1970	-7	-7	-10	-11	-11	-11	-11	-12	-11	-11
1980	-11	-10	-10	-10	-11	-11	-11	-11	-10	-10
1990	-11	-11	-11	-10	-11	-10	-9	-8	-7	-8
2000	-8	-8	-10	-13	-14	-13	-15	-16	-15	-14
2010	-12	-12	-12	-11	-12	-11	-11	-9	-8	-7
2020	-7	-5	-3	-1	-1	-1	-1	0	1	1
2030	2	2	4	5	5	5	5	5	5	5
2040	5	5	5	5	5	3	2	1	0	0
2050	0	0	0	0	0	0	0	0	-1	-1
2060	-1	-3	-6	-9	-9	-9	-10	-14	-18	-18
2070	-19	-19	-19	-19	-18	-17	-13	-9	-7	-7
2080	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
2090	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
2100	-1	-1	0	0	1	1	2	2	2	2

TO BE CONTINUED

TO BE CONTINUED

CONTINUED( S-1064 DOWN )										
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2650	8	8	8	5	5	3	2	2	0	0
2660	0	0	0	0	0	0	0	0	-1	-1
2670	0	0	0	-1	-2	-3	-6	-6	-7	-9
2680	-10	-10	-10	-10	-10	-15	-17	-17	-17	-18
2690	-17	-16	-14	-13	-13	-14	-11	-10	-8	-8
2700	-6	-4	0	0	0	0	0	2	3	3
2710	4	7	9	10	12	14	14	14	14	14
2720	14	14	14	14	13	11	9	8	8	7
2730	6	5	2	0	0	-3	-5	-5	-5	-6
2740	-11	-13	-13	-13	-13	-14	-15	-15	-16	-16
2750	-15	-15	-15	-15	-15	-14	-13	-13	-12	-13
2760	-14	-13	-12	-11	-10	-10	-9	-9	-8	-7
2770	-4	-2	-2	-1	-1	-1	-1	-1	-1	-1
2780	-1	-1	-1	0	2	2	3	4	6	9
2790	11	12	15	15	14	15	15	15	16	16
2800	16	15	13	13	12	10	10	9	8	7
2810	6	7	7	3	1	1	0	0	1	0
2820	0	0	0	0	1	1	0	0	0	0
2830	1	2	2	2	2	2	2	2	3	3
2840	3	3	3	3	3	3	3	3	5	5
2850	6	6	6	6	6	6	6	6	7	9
2860	9	8	9	10	10	10	10	10	10	10
2870	10	10	10	7	8	8	8	7	7	7
2880	7	7	4	3	2	1	0	0	-2	-3
2890	-3	-3	-4	-6	-9	-9	-9	-10	-9	-10
2900	-12	-12	-12	-15	-20	-23	-24	-30	-30	-33
2910	-36	-38	-38	-36	-36	-36	-36	-36	-33	-33
2920	-33	-33	-33	-33	-33	-30	-23	-22	-22	-21
2930	-19	-16	-14	-13	-9	-8	-7	-6	-6	-6
2940	-6	-6	-6	-5	-4	-5	-5	-5	-4	-4
2950	-2	-2	-1	1	2	2	2	2	3	6
2960	7	11	13	14	14	13	14	14	14	16
2970	17	17	17	17	17	17	17	17	17	17
2980	17	17	12	10	9	3	2	2	2	2
2990	1	1	2	2	2	1	1	1	1	1
3000	2	3	4	5	7	8	8	8	9	9
3010	9	10	10	11	13	15	15	15	15	13
3020	13	13	11	11	12	10	9	9	9	8
3030	7	6	6	6	6	6	6	2	-2	-2
3040	-2	-3	-6	-7	-7	-8	-9	-9	-10	-11
3050	-11	-11	-13	-15	-15	-15	-15	-15	-15	-15
3060	-13	-13	-14	-15	-15	-16	-16	-16	-15	-15
3070	-15	-15	-15	-16	-15	-12	-11	-11	-11	-11
3080	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
3090	-9	-9	-5	-5	-5	-5	-5	-5	-4	-4
3100	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
3110	-2	-1	-1	-1	0	2	4	4	4	4
3120	4	4	4	4	6	8	8	8	8	8
3130	6	8	8	8	8	8	7	6	6	6
3140	6	5	4	4	4	4	4	4	4	4
3150	4	4	4	4	4	5	4	4	4	6
3160	8	8	8	8	8	7	5	3	2	2
3170	1	1	0	-1	-2	-2	-1	-2	-4	-6
3180	-8	-8	-8	-8	-8	-9	-10	-10	-12	-15

TO BE CONTINUED

RECORD = S-1069 COMPONENT = SOUTH STATION = SHIMIZU-MIHO-S  
 DATE AND TIME = 1978-01-15-07-31 TOTAL NUMBER OF DATA = 5150  
 SAMPLING INTERVAL = 0.010 (SEC)  
 SIGNAL = GR.ACC.

CONTINUED ( S-1069 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	
490	29	24	23	25	25	26	29	( 7 )	( 8 )	( 9 )	( 10 )
500	34	34	32	32	32	32	36	35	33	33	34
510	90	113	137	167	195	219	233	244	246	248	248
520	247	241	232	209	180	140	97	51	-7	-66	-66
530	-113	-156	-198	-234	-285	-328	-328	-360	-393	-432	-432
540	-450	-478	-484	-468	-468	-481	-458	-451	-449	-440	-440
550	-430	-421	-413	-381	-332	-246	-140	-17	103	314	314
560	303	363	393	405	407	404	392	366	333	289	289
570	240	192	145	111	72	45	27	18	19	17	17
580	13	5	-6	-31	-56	-89	-107	-129	-153	-166	-166
590	-173	-174	-173	-166	-150	-117	-61	4	4	75	176
600	231	274	297	304	301	285	268	227	182	151	151
610	111	82	43	11	-31	-54	-71	-77	-78	-76	-76
620	-77	-76	-76	-81	-82	-81	-72	-86	-57	-49	-49
630	-42	-34	-27	-22	-17	-15	-9	-3	0	-2	-2
640	-4	-10	-18	-22	-21	-21	-18	-12	2	20	20
650	36	49	54	53	44	25	-6	-41	-65	-75	-75
660	-75	-83	-52	-40	-19	2	21	41	51	56	56
670	54	38	4	-35	-73	-116	-127	-129	-125	-113	-113
680	-82	-48	-26	-15	-5	-2	0	3	7	10	10
690	13	20	34	51	64	80	103	120	131	139	139
700	140	142	141	136	132	127	120	120	125	130	130
710	140	150	160	164	173	174	175	173	167	148	148
720	120	98	65	32	-25	-75	-114	-148	-166	-169	-169
730	170	-168	-168	-167	-166	-167	-169	-169	-169	-169	-169
740	180	-187	-203	-210	-216	-208	-198	-176	-131	-79	-79
750	-37	14	44	61	76	87	90	90	92	90	90
760	85	72	60	51	47	45	43	43	44	42	42
770	31	9	-17	-47	-71	-88	-101	-110	-114	-115	-115
780	-111	-101	-83	-54	-31	-19	8	-1	0	2	2
790	5	12	25	38	56	79	95	110	134	150	150
800	142	171	177	176	171	167	161	148	128	109	109
810	78	54	33	13	4	0	-4	-9	-19	-33	-33
820	-42	-51	-59	-64	-74	-93	-107	-114	-123	-122	-122
830	-124	-124	-124	-121	-122	-124	-123	-115	-108	-77	-77
840	-59	-59	-29	-31	-28	-34	-36	-38	-38	-38	-38
850	-50	-55	-62	-66	-64	-65	-58	-49	-42	-36	-36
860	-30	-33	-29	-25	-19	-10	-7	-1	0	0	0
870	-1	0	8	0	2	2	3	2	2	0	0
880	1	5	8	14	24	35	42	45	46	47	47
890	45	44	42	40	40	40	40	38	35	29	29
900	24	20	16	13	12	12	11	10	8	2	2
910	-3	-10	-5	-3	2	9	18	25	29	26	26
920	30	34	35	35	33	34	34	37	40	46	46
930	50	54	58	60	62	61	61	60	56	47	47
940	39	33	30	29	30	24	18	7	0	-10	-10
950	-16	-16	-16	-12	-19	-24	-29	-34	-37	-37	-37
960	-37	-36	-37	-36	-42	-43	-47	-47	-54	-56	-56
970	-84	-60	-61	-64	-65	-64	-64	-64	-64	-64	-64
980	-65	-68	-71	-71	-71	-71	-66	-60	-53	-44	-44
990	-30	-22	-17	-10	-2	2	7	12	14	14	14
1000	10	9	6	1	1	0	-2	-3	-4	-5	-5
1010	-5	-4	-3	-3	0	6	11	16	21	23	23
1020	23	23	22	21	21	24	26	33	39	46	46

TO BE CONTINUED

TO BE CONTINUED



CONTINUED( S-1069 SOUTH )

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1030	54	59	62	65	70	70	69	63	60	58
1040	60	61	60	58	47	41	13	4	-10	-29
1050	-27	-26	-22	-18	-10	-5	-3	3	2	0
1060	-3	-4	-5	-9	-17	-16	-16	-15	-9	-7
1070	-3	-1	1	6	10	12	12	12	8	2
1080	-14	-22	-31	-37	-38	-38	-37	-32	-26	-25
1090	-29	-35	-24	-24	-37	-40	-52	-61	-71	-79
1100	-86	-89	-87	-81	-71	-62	-52	-36	-22	-13
1110	-11	-8	-5	-1	7	9	10	12	16	14
1120	30	29	29	29	30	30	34	38	38	36
1130	31	33	16	9	-4	-4	9	14	21	25
1140	-21	-14	-10	-2	4	9	14	17	21	25
1150	30	34	36	42	49	56	61	66	73	74
1160	73	74	74	74	74	72	71	66	63	61
1170	59	55	45	33	13	10	-9	-9	-2	-33
1180	-6	-4	-4	-4	-4	-4	-4	-4	-4	-4
1190	-49	-51	-52	-52	-52	-52	-52	-52	-52	-52
1200	-86	-101	-104	-106	-102	-97	-92	-88	-84	-78
1210	-71	-63	-60	-57	-52	-43	-32	-19	-11	-2
1220	9	20	32	35	39	46	54	58	59	60
1230	60	59	61	64	71	76	81	88	93	84
1240	95	98	100	103	108	109	110	109	105	102
1250	100	99	97	95	89	84	80	81	81	79
1260	77	76	75	73	70	69	65	62	62	64
1270	71	75	77	77	75	72	65	62	53	49
1280	45	40	28	16	2	-12	-26	-43	-55	-56
1290	-55	-60	-60	-60	-61	-76	-78	-91	-101	-109
1300	-120	-125	-130	-133	-131	-128	-124	-117	-114	-106
1310	-96	-81	-70	-64	-59	-61	-63	-63	-68	-73
1320	-76	-75	-72	-68	-66	-64	-62	-62	-62	-62
1330	-61	-60	-57	-54	-56	-53	-44	-36	-29	-26
1340	-24	-22	-6	18	40	58	71	82	88	93
1350	103	108	113	120	121	123	122	120	116	116
1360	109	97	83	70	62	54	44	34	28	24
1370	21	22	22	21	22	25	29	29	27	21
1380	11	4	-8	-19	-24	-24	-25	-25	-29	-31
1390	-32	-32	-32	-31	-30	-31	-33	-36	-37	-39
1400	-39	-39	-40	-44	-44	-44	-42	-50	-50	-50
1410	-48	-44	-41	-44	-40	-36	-32	-26	-22	-22
1420	-20	-16	-14	-14	-9	-6	-3	0	2	2
1430	5	11	10	12	15	19	22	23	27	31
1440	35	38	41	46	52	51	53	56	59	62
1450	63	62	63	64	65	65	61	60	58	57
1460	57	53	49	45	45	44	42	40	37	32
1470	25	22	21	15	8	4	-1	-11	-23	-32
1480	-37	-41	-41	-42	-42	-42	-42	-42	-44	-44
1490	-45	-50	-55	-59	-63	-65	-67	-67	-68	-67
1500	-66	-60	-60	-64	-61	-52	-47	-43	-39	-40
1510	-40	-40	-39	-34	-31	-26	-25	-24	-24	-23
1520	-22	-23	-20	-17	-14	-13	-6	0	5	8
1530	12	18	18	27	27	27	27	27	27	27
1540	27	27	27	27	21	18	19	20	20	20
1550	16	15	15	16	22	24	28	33	41	45
1560	46	45	44	42	38	36	35	37	38	40

TO BE CONTINUED

CONTINUED( S-1069 SOUTH )

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1570	39	35	35	28	16	10	4	-3	-6	-13
1580	-17	-22	-23	-23	-23	-24	-24	-22	-22	-22
1590	-19	-15	-12	-8	-4	0	0	0	1	2
1600	0	1	5	9	13	16	23	25	26	26
1610	25	23	19	11	2	-6	-14	-24	-39	-36
1620	-44	-45	-48	-49	-49	-46	-46	-42	-33	-26
1630	-16	-10	-4	-4	2	4	5	4	4	8
1640	4	1	2	2	2	2	2	7	7	-1
1650	-10	-24	-34	-45	-59	-71	-78	-79	-82	-86
1660	-85	-86	-85	-83	-86	-86	-84	-82	-76	-70
1670	-64	-60	-56	-55	-51	-50	-39	-25	-16	-11
1680	-8	-8	-9	-11	-11	-11	-11	-10	-10	-10
1690	-9	-8	-8	-8	-8	-8	-8	-6	-7	-8
1700	-8	-8	-8	-8	-10	-11	-15	-16	-16	-18
1710	-23	-26	-27	-26	-23	-19	-13	-15	-12	-6
1720	15	14	13	14	14	14	15	15	15	15
1730	4	7	13	10	7	5	0	-1	-4	-5
1740	-7	0	0	0	12	20	20	22	22	22
1750	29	28	33	37	46	57	66	77	86	94
1760	53	52	53	53	51	52	51	56	62	69
1770	73	80	84	87	88	88	81	79	76	73
1780	67	62	53	50	43	38	37	35	31	28
1790	26	25	22	19	13	8	2	1	1	-3
1800	-7	-9	-9	-6	-5	-5	-5	-1	1	3
1810	12	17	20	21	21	21	17	17	14	11
1820	11	9	7	6	4	1	0	-1	-1	-2
1830	-1	0	2	5	8	10	12	14	17	22
1840	26	28	32	36	37	37	36	37	41	41
1850	39	37	36	33	29	27	19	14	13	11
1860	10	4	0	-4	-7	-8	-8	-12	-12	-8
1870	-8	-8	-6	-6	-6	-6	-6	-8	-14	-17
1880	-18	-20	-22	-22	-22	-22	-26	-26	-24	-14
1890	-9	-11	-11	-11	-11	-12	-14	-14	-12	-10
1900	-11	-11	-11	-8	-4	-4	-4	-5	-7	-12
1910	-9	-8	-8	-8	-4	-2	-2	-5	-7	-12
1920	-18	-24	-32	-37	-38	-43	-44	-46	-49	-47
1930	-45	-43	-41	-40	-37	-32	-28	-27	-28	-27
1940	-26	-22	-20	-20	-18	-17	-17	-17	-18	-22
1950	-25	-25	-25	-24	-20	-17	-16	-13	-10	-7
1960	-5	-4	-4	-3	-1	0	1	1	2	2
1970	2	4	5	7	7	7	4	2	0	-2
1980	-5	-5	-5	-5	-5	-5	-4	-3	-4	-6
1990	-8	-13	-17	-17	-15	-11	-7	-7	-7	-7
2000	-5	-4	-4	-2	-3	-5	-4	-5	-4	-4
2010	-5	-4	-4	-7	-6	-6	-5	-2	0	3
2020	7	13	20	25	29	32	31	32	37	35
2030	37	40	45	50	53	56	56	55	55	57
2040	61	63	63	61	60	56	54	55	52	52
2050	49	49	48	47	48	46	43	42	39	36
2060	34	35	34	32	33	33	33	33	29	22
2070	22	19	16	14	14	13	9	8	7	5
2080	5	5	4	4	4	4	5	2	-9	-18
2090	-28	-29	-35	-44	-54	-60	-65	-66	-72	-75
2100	-75	-78	-79	-83	-83	-85	-85	-86	-85	-84

TO BE CONTINUED

CONTINUED ( S-1069 SOUTH )

CONTINUED ( S-1069 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	-85	-82	-82	-82	-83	-83	-83	-83	-81	-77
2120	-75	-75	-76	-76	-74	-71	-67	-63	-58	-55
2130	-53	-48	-44	-37	-29	-26	-14	-13	-8	-4
2140	-2	-5	-5	-3	0	8	11	16	24	34
2150	40	45	51	53	57	58	61	62	64	65
2160	64	64	65	66	64	63	63	63	61	59
2170	57	55	52	49	46	44	40	36	32	27
2180	22	17	11	9	6	6	6	6	4	1
2190	-1	-4	-7	-10	-13	-12	-11	-11	-8	-5
2200	-3	-2	3	4	7	10	10	10	8	10
2210	10	10	10	10	8	11	10	8	10	6
2220	9	6	6	6	6	6	6	6	6	6
2230	7	7	8	17	20	18	19	20	19	20
2240	19	18	17	15	15	15	15	15	14	14
2250	15	15	14	15	15	15	15	15	15	15
2260	14	14	14	11	8	6	3	1	0	0
2270	-1	-4	-7	-11	-15	-18	-19	-20	-20	-21
2280	-23	-26	-32	-35	-36	-39	-41	-43	-44	-44
2290	-44	-43	-44	-44	-47	-46	-44	-44	-44	-44
2300	-44	-45	-45	-45	-45	-46	-49	-47	-46	-44
2310	-43	-39	-33	-33	-33	-33	-31	-32	-30	-26
2320	-19	-17	-20	-17	-12	-6	0	3	10	20
2330	26	33	30	34	40	46	45	50	52	52
2340	50	50	53	53	63	61	64	64	64	63
2350	61	57	56	53	50	49	46	45	44	38
2360	32	27	22	16	14	9	9	7	7	7
2370	2	2	2	2	2	0	0	0	0	0
2380	-8	-9	-13	-17	-18	-19	-20	-21	-25	-29
2390	-32	-33	-35	-37	-39	-41	-43	-45	-45	-45
2400	-45	-46	-47	-47	-47	-46	-46	-44	-43	-44
2410	-42	-39	-36	-35	-37	-38	-39	-40	-42	-44
2420	-42	-42	-43	-43	-42	-40	-38	-40	-39	-38
2430	-38	-37	-36	-36	-37	-36	-32	-32	-31	-31
2440	-31	-25	-21	-19	-16	-12	-11	-11	-11	-12
2450	-10	-7	-8	-6	-6	-7	-7	0	-1	1
2460	2	8	6	13	20	24	23	24	27	30
2470	32	35	36	38	38	43	44	47	50	53
2480	57	61	59	57	55	53	52	52	52	52
2490	48	47	46	42	39	38	36	34	36	38
2500	38	38	38	40	41	41	41	41	41	43
2510	43	41	41	41	41	41	42	42	41	41
2520	41	41	41	41	43	44	45	45	45	46
2530	47	48	50	51	51	51	52	53	53	55
2540	54	56	59	59	62	62	61	61	61	61
2550	57	56	58	57	53	52	51	50	47	43
2560	42	37	34	31	27	10	17	10	1	0
2570	-6	-11	-17	-17	-21	-19	-19	-21	-23	-27
2580	-30	-32	-33	-33	-30	-29	-29	-29	-29	-29
2590	-29	-30	-30	-30	-28	-27	-27	-27	-29	-30
2600	-30	-30	-30	-31	-31	-30	-28	-28	-28	-28
2610	-27	-28	-27	-27	-30	-31	-33	-34	-34	-34
2620	-34	-35	-35	-36	-36	-36	-36	-36	-34	-35
2630	-36	-36	-36	-37	-35	-32	-34	-34	-33	-31
2640	-37	-32	-32	-32	-28	-27	-26	-26	-26	-27

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1069 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	0	0	0	0	0	-2	0	-1	-5	-6
3200	-3	-2	-1	0	-1	-2	0	-3	-3	-1
3210	-5	-2	-1	0	-2	-2	0	-1	-1	-1
3220	0	5	6	7	6	7	9	10	13	14
3230	14	12	14	16	17	17	15	16	17	17
3240	17	16	18	18	19	18	18	18	18	19
3250	17	20	19	19	19	19	19	19	21	21
3260	22	22	20	15	12	12	12	12	8	7
3270	5	4	4	2	2	0	1	0	2	1
3280	2	-1	0	-1	0	0	0	0	0	0
3290	0	0	1	1	-2	-4	-4	-4	-4	-5
3300	-5	0	-5	-5	-6	-9	-12	-12	-12	-12
3310	-11	-12	-13	-13	-13	-12	-14	-15	-15	-16
3320	-17	-18	-18	-17	-16	-17	-18	-17	-15	-15
3330	-13	-12	-10	-8	-8	-7	-7	-7	-5	-5
3340	-4	-3	-1	1	3	3	8	11	13	14
3350	14	14	16	15	16	19	20	18	16	17
3360	19	18	18	17	13	15	15	14	15	15
3370	15	16	15	12	15	15	17	15	15	15
3380	15	16	19	16	19	16	22	19	19	20
3390	22	22	31	29	29	28	32	33	32	31
3400	30	32	34	30	28	28	26	25	24	23
3410	22	22	22	21	21	21	20	21	19	16
3420	16	15	13	12	11	11	8	7	3	-1
3430	0	1	4	6	6	-7	-11	-13	-14	-16
3440	-18	-22	-26	-30	-32	-31	-35	-39	-40	-40
3450	-42	-42	-42	-42	-44	-46	-47	-47	-47	-47
3460	-48	-50	-52	-54	-54	-54	-54	-53	-52	-51
3470	-53	-53	-53	-53	-53	-53	-53	-52	-51	-51
3480	-50	-45	-43	-42	-38	-33	-31	-31	-30	-29
3490	-26	-23	-25	-23	-20	-16	-11	-9	-7	-5
3500	-5	-6	-8	-6	-3	-3	-3	-2	0	0
3510	0	0	0	-2	-3	-3	-3	-3	0	0
3520	0	0	0	0	0	0	0	-1	-3	-3
3530	-5	-6	-6	-3	-5	-6	-9	-10	-11	-10
3540	-8	-6	-5	-8	-7	-6	-4	-4	-1	4
3550	0	0	0	0	0	0	0	0	1	4
3560	6	6	6	8	10	11	12	16	20	21
3570	24	27	27	26	25	27	27	28	33	36
3580	36	38	41	41	41	43	44	46	47	47
3590	47	46	46	45	45	43	43	42	41	40
3600	40	40	40	40	37	37	36	36	36	36
3610	36	32	30	29	29	29	27	27	26	26
3620	23	19	16	17	13	12	11	11	7	3
3630	2	2	2	2	4	4	-2	-4	-3	0
3640	-2	-3	-3	-10	-6	-6	-9	-12	-11	-10
3650	-11	-13	-15	-15	-15	-15	-16	-17	-18	-20
3660	-20	-18	-19	-19	-20	-20	-20	-21	-20	-21
3670	-19	-16	-17	-17	-16	-15	-16	-17	-19	-19
3680	-18	-18	-18	-17	-16	-15	-15	-15	-14	-14
3690	-18	-18	-18	-18	-17	-16	-15	-15	-15	-14
3700	-13	-12	-13	-14	-14	-14	-15	-17	-21	-21
3710	-14	-14	-14	-14	-14	-14	-14	-13	-6	-10
3720	-1	-1	-10	-10	-11	-9	-7	-4	-1	-2
3730	-1	-1	-1	0	1	1	1	1	6	4

TO BE CONTINUED

CONTINUED ( S-1069 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3730	4	4	4	9	9	8	9	11	15	14
3740	16	14	14	14	15	17	16	17	18	18
3750	19	19	18	22	22	27	28	32	37	41
3760	35	33	33	33	33	33	31	30	31	31
3770	30	31	31	29	28	26	26	25	24	24
3780	23	23	22	19	18	13	13	13	13	13
3790	13	11	9	9	7	4	4	5	5	5
3800	5	5	3	3	3	3	3	3	2	2
3810	-2	-6	-6	-6	-6	-6	-6	-1	-3	-6
3820	-6	-6	-6	-6	-6	-6	-6	-5	-5	-7
3830	-10	-10	-9	-9	-10	-9	-10	-12	-12	-11
3840	-12	-9	-9	-9	-9	-9	-9	-9	-9	-9
3850	4	4	5	4	3	3	4	4	3	3
3860	4	4	5	3	3	2	6	6	6	7
3870	7	7	5	4	4	2	0	0	-1	-2
3880	-1	-1	-2	-3	-5	-6	-6	-6	-8	-8
3890	-8	-6	-6	-6	-6	-6	-7	-7	-6	-6
3900	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
3910	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
3920	-6	-8	-10	-10	-10	-10	-10	-10	-10	-10
3930	-10	-10	-10	-10	-9	-9	-9	-9	-10	-13
3940	-13	-13	-13	-18	-21	-22	-21	-19	-20	-20
3950	-20	-20	-19	-19	-19	-18	-18	-15	-14	-15
3960	-15	-13	-14	-14	-15	-15	-15	-15	-13	-12
3970	-11	-11	-11	-11	-11	-11	-11	-10	-10	-11
3980	-10	-11	-11	-11	-11	-11	-11	-10	-10	-10
3990	-11	-11	-11	-11	-11	-11	-11	-9	-10	-10
4000	-9	-8	-8	-8	-8	-7	-7	-6	-5	-6
4010	-3	-3	-3	-2	-2	-1	0	0	0	0
4020	1	2	1	4	4	0	0	0	1	1
4030	1	4	4	3	4	0	0	0	0	0
4040	12	14	13	13	13	14	13	13	14	18
4050	19	19	20	20	21	21	23	24	21	21
4060	22	23	25	26	27	25	26	24	24	26
4070	26	27	27	27	31	29	29	29	30	30
4080	27	30	30	30	31	31	32	30	30	31
4090	31	38	35	34	32	32	32	31	29	31
4100	31	30	30	30	30	30	26	24	24	24
4110	24	24	23	22	21	20	17	16	16	16
4120	14	13	14	12	11	10	10	10	9	8
4130	10	10	10	10	11	8	7	4	0	0
4140	0	0	0	2	2	0	2	3	1	0
4150	-2	-2	-2	-2	-3	-5	-5	-4	-10	-11
4160	-17	-14	-14	-18	-20	-22	-22	-24	-27	-31
4170	-33	-32	-33	-35	-35	-33	-34	-35	-34	-34
4180	-35	-37	-36	-38	-35	-35	-38	-38	-39	-39
4190	-38	-38	-38	-37	-35	-36	-36	-36	-36	-36
4200	-32	-31	-31	-32	-31	-32	-31	-31	-32	-31
4210	-31	-32	-31	-31	-31	-31	-31	-31	-31	-31
4220	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34
4230	-31	-31	-31	-31	-30	-31	-31	-29	-28	-27
4240	-24	-23	-22	-22	-22	-20	-19	-17	-17	-15
4250	-14	-12	-12	-12	-10	-10	-8	-7	-4	-4
4260	-2	-3	-4	-4	-2	-4	-7	-8	10	11

TO BE CONTINUED

CONTINUED( S-1069 SOUTH )

CONTINUED( S-1069 SOUTH )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	14	16	17	19	21	22	23	24	25	25
4280	24	26	27	28	29	30	31	32	33	34
4290	33	33	33	33	33	33	34	35	36	37
4300	38	38	38	38	38	38	38	38	38	38
4310	32	29	29	28	22	19	17	14	16	18
4320	17	18	17	18	12	12	12	9	9	9
4330	9	8	6	5	5	3	2	2	1	1
4340	0	-1	-1	0	0	-1	-1	0	0	0
4350	-1	0	0	0	0	0	0	0	0	0
4360	0	0	0	0	0	0	0	0	0	0
4370	0	0	0	0	0	0	0	0	0	0
4380	2	3	5	5	4	2	2	3	4	4
4390	3	3	5	5	5	4	4	5	5	5
4400	5	2	1	1	1	1	1	0	1	1
4410	-1	-1	-1	-1	-2	-8	-8	-9	-8	-1
4420	-8	-8	-8	-9	-8	-8	-9	-8	-9	-1
4430	-13	-12	-13	-13	-12	-12	-13	-13	-12	-12
4440	-16	-15	-18	-18	-19	-19	-18	-18	-19	-15
4450	-19	-18	-18	-18	-15	-16	-16	-16	-15	-15
4460	-15	-15	-15	-15	-15	-14	-13	-13	-13	-13
4470	-12	-10	-9	-8	-8	-8	-7	-7	-8	-8
4480	-8	-8	-8	-8	-6	-6	-7	-7	-5	-5
4490	-6	-2	-2	-2	-2	-2	-2	-2	-2	-2
4500	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
4510	-1	4	0	0	0	0	1	0	0	0
4520	-4	-4	-2	-1	-1	0	-2	-2	-2	-2
4530	-3	-2	3	1	1	1	1	2	6	6
4540	3	6	6	9	7	9	10	10	11	11
4550	13	16	17	17	17	18	17	20	22	21
4560	20	19	19	20	21	20	20	22	21	21
4570	24	25	23	23	23	23	23	24	23	23
4580	26	27	27	27	27	27	29	31	33	36
4590	35	35	35	35	36	37	37	37	37	37
4600	37	37	37	35	32	31	31	30	30	30
4610	29	25	21	20	20	20	19	16	16	16
4620	16	12	10	10	7	7	7	7	5	5
4630	0	0	0	0	0	1	0	-4	-5	-9
4640	-9	-9	-10	-13	-13	-13	-13	-14	-15	-14
4650	-15	-20	-21	-21	-21	-24	-25	-24	-23	-23
4660	-23	-23	-23	-24	-25	-24	-20	-28	-29	-27
4670	-27	-27	-27	-27	-25	-29	-29	-29	-29	-29
4680	-29	-30	-31	-27	-27	-27	-27	-27	-26	-22
4690	-22	-20	-21	-20	-22	-23	-21	-20	-21	-18
4700	-18	-20	-21	-18	-18	-16	-15	-15	-15	-15
4710	-15	-15	-15	-15	-15	-14	-13	-13	-13	-14
4720	-14	-13	-12	-11	-11	-11	-11	-12	-12	-12
4730	-12	-11	-11	-11	-11	-10	-9	-7	-7	-6
4740	-7	-8	-8	-9	-8	-9	-9	-9	-9	-9
4750	-8	-8	-7	-6	-8	-7	-7	-8	-7	-8
4760	-8	-7	-8	-7	-7	-7	-7	-7	-7	-7
4770	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
4780	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
4790	-5	-4	-4	-5	-5	-5	-5	-5	-4	-4
4800	-5	-5	-6	-6	-5	-2	-1	1	1	1

TO BE CONTINUED

END

RECORD = S-1069 COMPONENT = EAST STATION = SHIMIZU-NIHO-S  
 DATE AND TIME = 1978-01-15-07-31 TOTAL NUMBER OF DATA = 5150  
 SIGNALING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 CONNECTION POINT IN DATA NUMBER= 3135, 5150,

NO.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	CONTINUED (\$-1069 EAST)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0	9	9	9	9	9	9	9	9	9	9	-13	-12	-12	-13	-13	-13	-9	-8
10	9	9	9	9	9	9	9	9	9	9	-8	-1	0	1	2	2	1	0
20	9	9	9	9	9	9	9	9	9	9	0	3	3	4	9	10	10	6
30	5	4	4	4	5	5	5	5	4	4	-27	-13	-2	-24	-29	-30	-31	-29
40	4	4	4	4	4	5	5	5	4	4	540	66	79	93	105	114	121	121
50	1	1	2	3	3	2	2	2	1	-1	550	124	122	118	107	72	52	35
60	0	0	0	1	1	0	0	0	0	0	570	139	145	148	-68	-107	-124	-133
70	3	3	4	5	5	4	4	4	3	3	580	54	97	20	33	15	43	82
80	8	7	7	7	6	7	7	7	8	9	600	29	28	-41	-42	-42	-49	-44
90	1	1	1	2	2	1	1	1	0	-2	610	-74	-16	-4	7	9	10	5
100	-1	1	0	2	4	2	2	0	0	-2	620	-17	-10	-1	18	65	66	83
110	6	5	7	7	7	12	13	11	10	10	630	115	112	101	77	53	22	-6
120	10	10	7	7	7	8	8	8	7	4	640	-44	-43	-39	-33	-21	4	17
130	4	0	-5	-9	-11	-10	-9	-7	-7	-9	650	5	-13	-31	-41	-41	-34	-30
140	-8	-5	-6	-2	-2	-4	-2	-1	0	0	660	10	13	16	16	7	-15	-52
150	0	0	0	1	1	2	0	-2	-3	-3	670	-107	-89	-48	-17	0	10	11
160	0	3	3	3	3	3	5	3	4	6	680	3	12	23	30	32	30	28
170	4	4	4	8	9	11	12	9	9	7	690	37	42	46	45	40	29	20
180	8	7	7	6	6	6	6	6	4	4	700	8	8	7	4	0	-14	-26
190	0	0	-1	-1	-2	-5	-7	-5	-4	-4	-64	-68	-73	-73	-60	-47	-35	-25
200	-4	-5	-5	-5	-4	-4	-4	-6	-4	-4	720	-15	-9	-7	-2	-2	-1	-11
210	-7	-3	0	0	1	2	3	4	3	4	730	-72	-68	-49	-9	24	50	73
220	6	7	7	9	10	15	16	16	14	12	740	96	98	95	91	83	78	72
230	9	1	-4	-6	-3	-1	-5	-5	-5	-5	750	39	29	13	-6	-30	-50	-74
240	-1	0	-1	-6	-8	-9	-9	-9	-2	0	760	-125	-138	-128	-118	-107	-94	-67
250	1	0	1	4	7	14	15	13	12	12	770	-25	-19	-10	0	13	30	47
260	5	7	7	7	7	14	15	13	12	11	780	65	99	109	118	121	122	116
270	10	7	2	0	0	0	0	0	0	-2	790	-37	-84	-117	-139	-142	-126	-125
280	-8	-12	-13	-10	-7	-4	1	4	4	5	800	-46	-36	-35	-39	-41	-51	-63
290	0	0	0	2	5	8	10	10	12	13	810	-135	-140	-140	-130	-108	-81	-62
300	12	12	11	9	7	6	9	10	10	6	820	102	98	86	55	36	24	25
310	3	2	1	0	-2	-2	-4	-6	-7	-8	830	58	69	80	102	110	111	113
320	-10	-14	-15	-14	-10	-8	-10	-9	-7	-6	840	22	4	0	0	7	25	43
330	-4	-4	-5	-1	3	6	7	10	12	10	850	141	142	133	94	46	12	-16
340	-10	13	15	14	17	20	22	21	20	21	860	3	17	25	26	31	31	28
350	18	16	16	16	16	13	9	5	3	2	870	-56	-86	-105	-111	-110	-67	-80
360	2	3	0	0	-4	-3	-9	-10	-14	-16	880	-40	-33	-28	-25	-23	-28	-26
370	-17	-17	-15	-8	-8	-6	-5	-4	-7	-9	890	0	18	29	39	40	33	24
380	-14	-17	-17	-17	-12	-11	-10	-11	-10	-10	900	0	0	-1	-4	-12	-22	-28
390	-6	-4	2	3	4	3	4	3	1	0	910	14	20	20	11	-11	-13	-13
400	2	3	4	4	4	8	12	14	14	11	920	-16	-16	-16	-17	1	17	28
410	8	7	6	6	6	14	17	18	17	13	930	42	42	41	39	35	30	26
420	8	7	6	6	6	4	3	3	0	-5	940	2	-1	-8	-10	-9	1	7
430	-11	-13	-18	-21	-21	-18	-16	-17	-16	-10	950	1	0	-4	1	1	9	25
440	-18	-18	-18	-12	-11	-10	-8	-8	-6	-3	960	38	38	35	29	20	12	0
450	-2	2	7	12	17	21	22	22	23	20	970	-20	-12	-5	2	4	-5	-5
460	15	9	3	0	-1	2	2	1	1	1	980	-4	-6	-7	-6	-4	-17	-30
470	0	0	-2	-6	-10	-14	-19	-23	-22	-16	990	-57	-62	-67	-74	-77	-80	-79
480	-13	-11	-10	-6	-8	-5	-6	-7	-13	-13	1000	-47	-33	-23	-13	-10	-9	-7
											1010	-3	3	9	12	18	26	42
											1020	44	40	35	26	14	11	13

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1069 EAST )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	33	41	46	49	54	52	46	38	25	7
1040	-16	-27	-34	-36	-30	-24	-17	-14	-14	-15
1050	13	-14	-17	-23	-23	-22	-21	-21	-21	-23
1060	-33	-35	-42	-47	-55	-62	-70	-87	-68	-66
1070	-85	-84	-70	-62	-51	-38	-30	-24	-14	-33
1080	0	1	0	1	1	0	3	-10	-23	-35
1090	-63	-55	-57	-60	-63	-65	-65	-65	-66	-81
1100	-55	-31	-46	-40	-34	-19	-7	16	35	52
1110	62	85	89	73	77	61	89	97	106	131
1120	149	157	159	154	148	140	126	115	111	109
1130	103	93	78	62	51	42	37	34	31	26
1140	21	16	10	7	5	8	12	15	12	6
1150	3	-4	-10	-16	-15	-12	-11	-13	-10	-13
1160	-33	-36	-44	-53	-56	-57	-54	-53	-48	-43
1170	-42	-35	-28	-28	-35	-48	-75	-101	-117	-117
1180	-116	-116	-115	-113	-116	-115	-111	-108	-101	-95
1190	-87	-86	-81	-71	-45	-16	10	35	46	63
1200	81	92	101	106	112	110	110	103	95	85
1210	80	84	89	93	92	91	90	88	85	84
1220	83	77	68	58	49	35	24	17	11	6
1230	5	1	0	0	-6	-11	-18	-29	-37	-41
1240	-44	-48	-53	-56	-58	-53	-45	-38	-33	-31
1250	-30	-33	-36	-38	-40	-40	-39	-36	-33	-29
1260	-27	-37	-24	-23	-21	-18	-20	-21	-24	-30
1270	-31	-34	-37	-42	-44	-43	-40	-39	-34	-26
1280	-10	0	10	17	22	21	19	17	16	16
1290	16	22	23	30	34	40	44	49	56	58
1300	61	65	67	67	64	61	59	58	58	57
1310	60	51	51	51	57	46	37	37	34	34
1320	35	41	41	43	44	39	32	24	18	15
1330	13	8	7	4	-2	-9	-13	-14	-13	-15
1340	-18	-19	-20	-22	-22	-22	-22	-22	-28	-39
1350	-53	-67	-60	-60	-63	-64	-69	-83	-77	-71
1360	-70	-70	-69	-69	-69	-68	-68	-66	-62	-59
1370	-50	-38	-27	-12	2	15	34	45	55	64
1380	70	78	82	83	90	92	93	95	93	93
1390	89	81	85	50	39	27	18	6	-4	-13
1400	-16	-17	-18	-18	-15	-9	-10	-6	-9	-15
1410	-21	-28	-31	-35	-35	-35	-36	-38	-38	-36
1420	-30	-32	-30	-37	-44	-49	-44	-44	-33	-34
1430	-37	-41	-43	-42	-40	-40	-35	-33	-34	-34
1440	-34	-35	-14	-2	8	19	22	26	24	23
1450	22	20	36	36	39	41	44	45	39	30
1460	21	11	0	-11	-17	-19	-19	-22	-24	-24
1470	-23	-22	-22	-21	-16	-16	-13	-7	0	14
1480	24	29	33	37	39	38	38	40	46	62
1490	74	90	99	99	95	88	79	71	69	69
1500	67	62	58	50	47	49	50	51	51	49
1510	45	46	45	45	49	49	47	37	35	28
1520	17	8	1	-6	-15	-27	-32	-33	-35	-36
1530	-39	-40	-40	-39	-38	-35	-32	-24	-24	-20
1540	-16	-12	-8	-2	4	4	4	4	8	9
1550	9	10	10	10	6	4	2	-2	-8	-9
1560	-11	-11	-11	-11	-13	-19	-25	-31	-37	-43

TO BE CONTINUED

CONTINUED ( S-1069 EAST )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	-45	-50	-52	-51	-50	-46	-45	-44	-41	-40
1580	-43	-46	-50	-52	-53	-56	-57	-64	-65	-65
1590	-65	-65	-63	-59	-53	-43	-39	-33	-27	-24
1600	-8	-8	-9	-11	-11	-10	-8	-9	-12	-17
1610	-25	-34	-37	-34	-31	-27	-22	-19	-18	-15
1620	-15	-13	-11	-10	-8	-6	-4	-4	-2	-2
1630	-3	-5	-9	-13	-13	-13	-12	-7	-2	-1
1640	-8	-6	-5	-6	-5	-6	-6	-6	-6	-5
1650	-25	-21	-23	-28	-31	-31	-31	-29	-26	-26
1660	29	30	30	34	35	37	40	41	41	44
1670	51	58	64	67	65	61	56	51	48	44
1680	32	21	8	-1	-3	-1	0	0	1	5
1690	17	15	10	5	2	-1	-9	-18	-27	-35
1700	-37	-37	-36	-32	-30	-27	-24	-20	-16	-9
1710	-4	-1	0	0	2	4	8	15	24	36
1720	44	47	48	47	49	47	45	46	42	39
1730	37	36	35	29	27	24	25	22	14	5
1740	44	39	32	26	27	24	25	22	14	5
1750	4	0	-12	-23	-28	-36	-44	-51	-56	-64
1760	-67	-67	-66	-68	-68	-68	-68	-68	-64	-55
1770	-44	-38	-28	-17	-8	-6	-2	7	20	30
1780	-44	44	45	45	46	46	45	46	50	60
1790	41	44	45	45	46	46	45	46	50	60
1800	71	75	81	89	96	96	98	100	101	103
1810	105	105	104	102	102	97	91	83	73	63
1820	52	40	28	14	5	0	-3	-10	-19	-26
1830	-31	-37	-45	-52	-54	-54	-51	-45	-36	-25
1840	-18	-14	-12	-9	-7	-6	-6	-7	-4	-7
1850	-6	-2	2	4	7	8	7	6	8	9
1860	9	10	15	16	17	24	25	22	22	19
1870	20	18	14	18	13	9	7	8	5	4
1880	3	5	0	-5	-9	-16	-22	-26	-27	-26
1890	-22	-22	-21	-21	-21	-20	-24	-32	-36	-34
1900	-35	-40	-45	-46	-46	-46	-46	-44	-44	-46
1910	-51	-64	-78	-89	-93	-89	-78	-64	-54	-46
1920	-45	-48	-49	-52	-53	-53	-51	-48	-46	-46
1930	-42	-37	-36	-36	-34	-33	-28	-24	-18	-18
1940	-12	-7	0	7	11	14	14	19	20	22
1950	23	23	22	20	18	16	14	12	8	6
1960	5	2	-2	-7	-13	-17	-20	-23	-22	-22
1970	-22	-22	-22	-22	-22	-22	-21	-17	-16	-14
1980	-13	-13	-15	-16	-20	-21	-21	-17	-13	-6
1990	0	6	10	10	13	17	22	28	32	40
2000	38	37	38	36	34	36	34	33	31	34
2010	39	46	47	48	45	43	40	37	32	27
2020	48	47	48	47	45	43	40	37	32	27
2030	24	20	13	5	0	-2	-9	-18	-27	-30
2040	-30	-29	-29	-29	-29	-29	-28	-28	-28	-31
2050	-30	-29	-28	-30	-30	-30	-30	-30	-30	-31
2060	-30	-27	-25	-20	-16	-15	-13	-10	-9	-6
2070	-3	-3	-3	-4	-2	-5	-6	-8	-10	-14
2080	-15	-14	-12	-11	-11	-8	-3	-4	-6	-6
2090	-9	-10	-10	-8	-5	-2	-2	-6	-12	-7
2100	-10	-7	-5	-3	-3	-2	-4	-3	-5	-3

TO BE CONTINUED

CONTINUED( S-1069 EAST )										CONTINUED( S-1069 EAST )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	-3	-3	-2	-1	-4	-4	-3	-4	-4	-5	2650	-15	-16	-17	-16	-16	-16	-16	-18	-20	-22
2120	-10	-15	-19	-27	-32	-30	-35	-39	-42	-42	2660	-24	-27	-28	-26	-27	-29	-29	-29	-28	-23
2130	-43	-42	-42	-37	-36	-36	-28	-15	-12	-10	2670	-20	-18	-16	-17	-18	-18	-19	-18	-18	-17
2140	-7	-6	-2	0	1	6	9	14	16	16	2680	-12	-10	-4	0	0	1	5	7	9	11
2150	15	14	13	11	10	11	13	11	11	-16	2700	16	16	17	16	16	14	16	16	17	17
2160	9	7	5	3	0	-4	-7	-9	-11	-16	2710	15	16	17	13	13	13	12	12	12	14
2170	-20	-23	-27	-30	-31	-33	-34	-34	-35	-33	2720	19	21	24	27	31	32	33	36	40	42
2180	-26	-34	-40	-47	-52	-50	-49	-48	-47	-45	2730	44	45	45	47	48	46	48	49	51	52
2190	33	34	36	37	37	38	37	38	37	33	2740	54	54	56	56	58	58	58	58	57	56
2200	32	31	25	21	20	18	18	16	16	15	2750	52	52	49	49	49	46	42	41	39	38
2210	17	15	15	15	9	9	8	5	5	1	2760	36	32	29	27	29	31	31	31	31	32
2220	3	2	0	2	0	-3	-2	-3	-3	-1	2770	34	32	32	29	29	31	31	31	31	32
2230	-6	0	3	6	9	8	9	9	9	5	2780	44	45	47	47	51	51	51	51	51	44
2240	3	3	2	0	0	0	-2	-3	-3	-4	2800	21	19	21	21	21	13	1	2	-2	-2
2250	-7	-8	-7	-7	-7	-7	-7	-4	-4	-1	2810	-2	-6	-6	-11	-15	-15	-18	-25	-25	-27
2260	2	6	10	18	24	28	32	35	37	36	2820	-25	-27	-28	-29	-31	-31	-32	-32	-35	-36
2270	43	49	55	58	58	58	59	62	63	61	2830	-37	-38	-39	-39	-39	-41	-43	-44	-45	-46
2280	60	58	54	53	52	52	51	50	50	49	2840	-48	-47	-47	-50	-52	-54	-55	-57	-60	-57
2290	46	43	39	37	34	31	30	30	30	27	2850	-58	-59	-59	-59	-60	-61	-63	-64	-61	-60
2300	23	21	18	17	14	11	10	11	11	10	2860	-58	-54	-51	-51	-49	-48	-48	-46	-44	-41
2310	8	4	3	2	0	-1	-2	-8	-9	-15	2870	-37	-33	-30	-30	-24	-17	-11	-11	-11	-8
2320	-15	-19	-21	-21	-20	-25	-28	-26	-26	-24	2880	-2	3	3	4	8	13	18	21	20	23
2330	-29	-35	-38	-38	-38	-38	-38	-43	-44	-48	2890	27	28	27	24	23	21	22	21	19	19
2340	-50	-50	-52	-58	-62	-66	-69	-73	-73	-79	2900	19	22	22	22	24	24	24	24	24	25
2350	-82	-83	-84	-84	-83	-84	-84	-85	-85	-85	2910	25	31	31	31	31	31	31	31	31	31
2360	-86	-86	-85	-79	-76	-69	-65	-60	-55	-49	2920	29	29	29	29	29	27	26	25	25	25
2370	-46	-42	-40	-39	-39	-39	-37	-32	-30	-30	2930	27	28	28	28	28	22	22	19	15	21
2380	-27	-25	-24	-23	-22	-18	-16	-14	-14	-9	2940	18	16	16	16	16	14	13	13	12	12
2390	-10	-9	-9	-9	-8	-4	-4	0	1	1	2950	14	14	14	14	14	10	8	7	7	8
2400	0	1	2	1	1	4	8	11	16	21	2960	9	9	9	9	8	5	4	3	4	4
2410	22	25	30	32	32	33	35	37	38	37	2970	8	6	5	5	5	2	1	-1	-2	-2
2420	37	37	38	41	40	39	38	37	38	37	2980	4	5	5	5	4	2	1	-1	-1	-2
2430	36	36	38	40	41	42	42	45	47	45	2990	4	4	4	4	4	2	1	-1	-1	-2
2440	44	43	46	46	44	48	47	50	51	52	3000	-4	-2	-1	0	-3	-6	-5	-5	-5	-5
2450	53	51	50	50	53	53	54	54	57	58	3010	-6	-8	-6	-6	-6	-7	-7	-7	-7	-6
2460	56	54	53	49	46	45	41	36	36	35	3020	-16	-16	-15	-14	-13	-10	-9	-4	-4	-4
2470	32	29	26	24	25	20	17	15	11	7	3030	-2	1	3	4	5	6	7	8	11	10
2480	4	3	3	3	3	4	1	2	2	0	3040	10	10	10	11	11	11	11	8	5	4
2490	0	3	2	2	3	3	3	4	4	5	3050	0	-1	-1	-2	-5	-6	-10	-12	-15	-16
2500	0	0	-2	-2	-2	-2	-2	-5	-6	-8	3060	0	-1	-1	-2	-5	-6	-10	-12	-15	-16
2510	-12	-14	-18	-21	-21	-22	-23	-23	-23	-22	3070	-15	-14	-15	-18	-18	-18	-20	-20	-20	-21
2520	-20	-20	-20	-19	-16	-14	-12	-11	-9	-9	3080	-24	-25	-27	-27	-28	-27	-25	-26	-27	-29
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2540	15	15	16	14	17	19	19	17	12	10	3100	-32	-32	-31	-31	-32	-32	-32	-33	-33	-33
2550	6	3	3	1	1	3	3	3	0	3	3090	-33	-33	-34	-35	-34	-36	-36	-36	-36	-33
2560	4	7	8	6	6	7	7	7	8	8	3100	-30	-30	-30	-29	-27	-25	-22	-18	-16	-13
2570	8	8	8	8	3	2	0	0	-5	-5	3110	-9	-8	-5	-5	-4	4	3	3	3	3
2580	-7	-9	-13	-17	-19	-22	-24	-29	-35	-33	3120	9	11	11	14	14	14	15	18	18	18
2590	-36	-37	-39	-38	-39	-41	-41	-41	-38	-37	3130	19	16	20	22	23	22	22	22	21	21
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2610	-31	-29	-28	-30	-32	-32	-34	-34	-35	-35	3150	27	24	21	22	22	23	19	13	14	14
2620	-35	-34	-34	-34	-34	-34	-32	-32	-34	-34	3160	13	15	15	12	12	13	13	13	14	14
2630	-26	-26	-25	-23	-21	-17	-17	-18	-16	-16	3170	11	9	12	10	14	14	16	18	21	20
2640	-16	-15	-14	-15	-16	-14	-14	-14	-14	-15	3180	26	28	28	29	32	32	32	34	36	39

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1069 EAST )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	39	39	42	44	44	45	46	45	47	48	3730	-10	-11	-13	-14	-15	-13	-11	-14	-14	-14
3200	47	47	47	48	49	50	50	48	47	47	3740	-13	-13	-13	-14	-15	-15	-20	-17	-14	-14
3210	47	49	49	47	44	41	40	41	41	41	3750	-19	-20	-19	-20	-17	-18	-20	-17	-16	-16
3220	37	37	35	33	29	28	26	24	21	19	3760	-16	-16	-16	-15	-16	-16	-15	-11	-10	-9
3230	18	17	16	16	14	11	12	11	9	9	3770	-7	-6	-7	-7	-4	-3	-2	0	3	3
3240	7	5	3	1	0	0	1	2	2	5	3780	7	4	4	4	5	8	12	14	17	16
3250	2	3	2	-2	-2	-3	-2	-3	-3	-2	3790	14	14	13	10	8	8	11	13	10	10
3260	-6	-8	-8	-4	-3	-4	-4	-2	-7	-8	3800	7	6	6	6	8	8	8	8	8	7
3270	-4	-8	-4	-3	-3	-3	-9	-11	-10	-10	3810	7	6	6	6	5	3	3	3	3	3
3280	-3	-2	-2	-3	-3	-9	-11	-10	-10	-10	3820	3	3	3	3	2	0	0	0	1	2
3290	-10	-10	-10	-11	-12	-16	-16	-14	-14	-15	3830	3	3	4	5	6	6	7	9	9	12
3300	-14	-12	-11	-11	-12	-13	-15	-15	-15	-17	3840	12	11	13	13	12	12	13	13	19	19
3310	-20	-20	-21	-22	-22	-22	-23	-23	-23	-25	3850	18	18	18	15	19	19	19	18	19	16
3320	-25	-24	-24	-26	-26	-30	-31	-33	-35	-38	3860	14	13	13	13	12	11	12	10	10	8
3330	-39	-40	-40	-39	-42	-46	-46	-46	-47	-49	3870	4	6	6	4	3	3	0	0	0	-4
3340	-49	-50	-51	-53	-56	-56	-56	-55	-55	-55	3880	-8	-9	-11	-8	-17	-19	-20	-21	-22	-22
3350	-55	-57	-52	-51	-50	-51	-49	-46	-44	-41	3890	-24	-26	-26	-28	-30	-29	-29	-31	-32	-33
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3430	-12	-12	-13	-10	-10	-10	-10	-10	-10	-10	3970	28	30	30	31	30	30	31	31	29	30
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3450	-1	0	0	0	1	0	-3	-5	-6	-5	3990	24	24	20	17	16	17	17	17	14	11
3460	-4	-3	-5	-5	-2	0	0	0	0	0	4000	12	9	7	6	6	3	1	1	0	-2
3470	1	3	3	4	4	6	6	6	6	7	4010	-4	-5	-6	-7	-8	-12	-14	-15	-16	-17
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3490	34	33	29	30	29	33	34	33	33	31	4030	-27	-25	-25	-27	-27	-27	-26	-24	-24	-24
3500	33	34	37	38	38	41	42	41	42	44	4040	-23	-22	-22	-19	-19	-17	-17	-17	-17	-16
3510	46	48	49	50	50	50	50	51	51	51	4050	-15	-15	-12	-10	-10	-10	-10	-10	-8	-7
3520	51	51	49	48	48	48	48	46	46	43	4060	-7	-7	-5	-5	-5	-5	-5	-5	-7	-7
3530	42	41	41	40	34	32	31	30	29	25	4070	-6	-6	-6	-6	-9	-8	-7	-7	-8	-8
3540	24	22	22	22	22	19	17	15	13	12	4080	-8	-9	-10	-10	-9	-8	-7	-6	-6	-6
3550	11	10	9	7	6	6	6	4	1	-1	4090	-4	-4	-3	-3	0	0	0	-1	-1	-2
3560	-4	-4	-1	0	-2	-3	-3	-3	-5	-8	4100	2	3	3	3	5	7	7	6	6	6
3570	-7	-7	-6	-6	-6	-6	-6	-6	-8	-8	4110	6	7	7	7	7	7	7	6	6	6
3580	-8	-5	-6	-5	-4	-2	0	-1	-1	0	4120	7	6	6	6	5	5	5	4	4	4
3590	0	2	2	2	2	3	2	2	2	1	4130	3	3	3	3	4	3	3	2	1	3
3600	-1	1	0	-1	-1	-3	-2	-3	-2	-4	4140	0	0	0	0	0	1	1	0	0	0
3610	-4	-5	-9	-4	-6	-6	-7	-10	-10	-6	4150	0	0	0	0	-2	-2	-3	-3	-1	-2
3620	-9	-11	-12	-9	-7	-5	-6	-4	-2	-4	4160	0	-7	-9	-9	-8	-9	-9	-9	-6	-7
3630	-4	-4	-4	-2	-2	-2	-1	-5	-4	-7	4170	-5	-7	-9	-9	-8	-9	-9	-9	-8	-6
3640	-10	-11	-12	-11	-12	-15	-15	-15	-16	-18	4180	-6	-6	-6	-6	-7	-7	-6	-6	-7	-7
3650	-19	-21	-21	-21	-23	-23	-23	-23	-24	-24	4190	-6	-6	-7	-7	-7	-7	-6	-6	-7	-7
3660	-22	-22	-22	-22	-22	-22	-22	-21	-19	-16	4200	-6	-6	-7	-6	-9	-9	-9	-9	-8	-8
3670	-17	-17	-15	-14	-15	-14	-12	-11	-8	-7	4210	-7	-5	-5	-5	-5	-5	-5	-5	-5	-5
3680	-2	-2	-6	-5	-3	-2	-2	-2	-1	0	4220	0	1	2	2	2	2	2	2	2	2
3690	2	2	4	2	3	4	6	7	7	6	4230	3	3	3	3	4	4	5	5	5	5
3700	6	9	11	12	12	12	15	15	15	15	4240	1	1	1	2	2	2	3	3	3	3
3710	15	14	13	12	12	12	12	11	4	1	4250	1	1	2	2	2	2	2	2	2	2
3720	1	0	-2	-4	-3	-4	-5	-7	-9	-10	4260	0	0	0	0	0	0	0	0	0	0

TO BE CONTINUED

TO BE CONTINUED



CONTINUED ( S-1069 EAST )										CONTINUED ( S-1069 EAST )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	-7	-9	-10	-10	-10	-9	-9	-9	-10	-9	4810	2	3	1	1	1	0	3	-4	-3	-6
4280	-7	-7	-8	-7	-3	-2	-10	-8	-4	-6	4820	-5	-3	-4	-5	-6	-7	-7	-11	-8	-7
4290	-4	-3	-3	-3	-1	0	0	0	0	1	4830	-8	-9	-8	-9	-11	-10	-9	-9	-8	-8
4300	1	1	2	2	3	3	3	3	3	6	4840	-6	-4	-2	-1	-1	-1	-1	-1	0	0
4310	5	6	5	5	6	4	9	9	9	9	4850	0	1	1	2	4	5	7	7	7	7
4320	10	9	11	12	10	12	12	12	17	13	4860	7	7	7	9	8	6	6	7	7	7
4330	12	10	10	10	11	10	10	9	9	6	4870	7	7	7	7	4	6	3	6	6	6
4340	9	11	15	19	15	12	11	14	16	16	4880	3	3	3	1	0	-1	-2	-2	-2	-5
4350	18	30	20	22	21	22	25	27	24	24	4890	-5	-7	-8	-8	-8	-10	-12	-12	-13	-15
4360	27	27	26	27	28	28	28	28	30	37	4900	-15	-12	-13	-15	-16	-16	-14	-15	-14	-14
4370	32	33	35	35	34	35	35	33	33	32	4910	-14	-14	-15	-16	-16	-16	-16	-16	-16	-16
4380	33	34	34	34	34	34	32	28	26	26	4920	-16	-16	-16	-15	-15	-15	-15	-15	-16	-15
4390	28	27	23	19	18	17	17	14	11	8	4930	-15	-13	-13	-12	-12	-11	-9	-9	-9	-9
4400	8	8	7	1	-2	-3	-3	-4	-7	-6	4940	-10	-10	-9	-9	-10	-9	-10	-10	-10	-9
4410	-6	-8	-9	-12	-11	-11	-15	-15	-17	-18	4950	-9	-10	-8	-5	-4	-2	-1	0	0	1
4420	-17	-20	-20	-18	-21	-22	-25	-23	-24	-23	4960	1	1	1	2	3	3	4	5	6	8
4430	-26	-25	-26	-26	-31	-28	-28	-28	-28	-32	4970	8	8	8	8	8	8	8	7	8	8
4440	-31	-31	-31	-31	-29	-26	-29	-29	-29	-29	4980	7	5	4	5	7	7	7	4	4	4
4450	-29	-28	-23	-22	-21	-22	-21	-21	-21	-21	4990	7	5	6	4	3	3	3	2	2	4
4460	-21	-21	-20	-20	-20	-20	-19	-18	-18	-18	5000	4	5	6	4	4	3	3	2	5	5
4470	-18	-18	-18	-18	-21	-21	-21	-21	-21	-21	5010	5	5	5	4	4	4	4	6	7	6
4480	-24	-26	-26	-26	-25	-25	-24	-22	-22	-22	5020	7	7	7	8	8	8	8	7	7	8
4490	-21	-21	-19	-16	-16	-14	-12	-12	-12	-12	5030	8	8	8	8	5	5	5	5	5	3
4500	-11	-10	-8	-5	-3	-1	1	1	1	2	5040	-1	-1	-1	-1	0	1	-1	-2	-3	-3
4510	4	5	7	7	7	8	9	9	10	10	5050	-5	-6	-6	-6	-6	-7	-8	-9	-9	-9
4520	10	10	14	16	16	16	17	17	17	14	5060	-6	-7	-7	-7	-7	-7	-8	-9	-9	-9
4530	15	15	16	15	18	21	18	17	22	22	5070	-6	-7	-7	-7	-7	-7	-7	-9	-9	-14
4540	22	22	20	24	24	24	24	24	24	19	5080	-16	-19	-8	-20	-20	-19	-19	-19	-19	-19
4550	18	19	19	18	19	18	14	14	14	14	5090	-16	-16	-19	-19	-20	-18	-15	-15	-15	-15
4560	14	13	13	13	12	12	11	10	10	10	5100	-13	-13	-14	-15	-14	-14	-11	-11	-11	-8
4570	10	10	10	10	9	12	13	13	13	13	5110	-8	-8	-8	-8	-6	-6	0	0	0	-2
4580	11	10	10	10	10	12	12	12	13	13	5120	-2	-2	-2	-2	-1	-1	1	1	1	0
4590	13	13	13	13	13	13	13	13	14	14	5130	0	0	0	3	3	4	1	1	1	0
4600	14	14	14	14	14	14	15	14	14	14	5140	0	0	0	3	3	4	1	1	1	0
4610	15	15	15	16	16	15	15	14	12	12											
4620	11	11	11	11	11	9	8	8	7	7											
4630	8	8	8	8	7	8	8	6	6	6											
4640	3	3	3	3	3	3	3	0	0	0											
4650	-3	-3	-3	-2	-2	-2	-2	-2	-2	-3											
4660	-2	-6	-5	-5	-5	-11	-11	-11	-12	-12											
4670	-13	-13	-13	-14	-14	-14	-14	-14	-14	-15											
4680	-16	-15	-15	-15	-17	-19	-18	-18	-18	-18											
4690	-18	-17	-19	-20	-20	-21	-21	-19	-18	-17											
4700	-19	-21	-19	-17	-17	-16	-15	-15	-13	-13											
4710	-14	-14	-14	-14	-14	-12	-10	-10	-10	-10											
4720	-10	-10	-10	-12	-12	-11	-10	-9	-7	-6											
4730	-7	-8	-7	-5	-3	-3	-3	-1	-1	-1											
4740	-3	-3	-2	-1	-2	-1	-1	-1	1	1											
4750	2	2	1	1	1	3	4	4	7	7											
4760	7	9	9	9	12	11	11	11	11	9											
4770	9	9	13	15	15	15	15	15	15	13											
4780	19	19	19	22	22	22	22	22	21	21											
4790	21	20	19	16	16	16	16	16	16	16											
4800	9	6	5	6	6	5	3	2	2	2											

END

TO BE CONTINUED

RECORD # S-1069 COMPONENT = DOWN STATION = SHIMIZU-MIHO-S  
 DATE AND TIME = 1978-01-15-07-31 TOTAL NUMBER OF DATA = 5200  
 SAMPLING INTERVAL = 0.010 (SEC) UNIT = 0.1 GAL  
 SIGNAL = GR. ACC.  
 CONNECTION POINT IN DATA NUMBER= 3193, 5200,

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
0	14	14	14	14	14	14	14	14	14	14
10	15	16	17	16	15	14	14	14	14	14
20	12	11	11	10	8	6	3	0	-2	-2
30	-6	-7	-7	-6	-3	0	1	-1	-4	-4
40	-3	-4	-5	-4	1	5	5	5	9	13
50	11	10	8	7	8	10	11	12	13	13
60	14	15	16	14	11	7	5	4	5	5
70	7	9	11	10	8	6	3	-2	-1	-3
80	-3	-4	-4	-4	0	2	1	1	1	2
90	0	-4	-4	0	4	4	4	4	2	0
100	-1	-4	-4	0	4	4	4	4	2	0
110	2	1	5	0	6	8	8	9	9	7
120	7	1	8	2	0	1	4	0	1	5
130	-9	-17	-19	-15	-13	-14	-14	-13	-12	-13
140	-12	-12	-6	-2	0	16	17	18	20	20
150	3	-2	-3	3	11	6	5	7	3	3
160	16	11	8	2	0	1	4	0	1	5
170	4	1	0	9	8	5	7	3	3	2
180	-3	-5	-3	-2	-2	0	-1	-1	1	5
190	6	5	2	0	1	1	-1	-3	-3	-6
200	-11	-12	-8	-3	1	2	2	2	0	1
210	2	2	-1	-3	-4	0	6	9	6	3
220	4	5	7	8	10	9	10	9	13	15
230	15	14	11	14	19	18	19	18	15	13
240	13	13	10	14	10	7	6	9	8	0
250	-6	-10	-13	-15	-10	-4	-5	-3	-4	-10
260	-15	-13	-12	-5	-4	-4	-1	-1	0	2
270	2	0	-4	4	10	9	14	17	20	19
280	23	21	16	13	10	5	2	-5	-7	-11
290	-14	-14	-12	-2	1	-1	-4	-8	-8	-7
300	-9	-11	-13	-13	-12	-6	-2	-2	-2	-2
310	-2	-4	-10	-15	-17	-18	-16	-10	-4	-5
320	-6	-1	-9	-6	-6	-4	-4	-2	0	0
330	0	-4	-3	2	9	14	16	11	7	5
340	8	13	18	23	27	26	24	23	24	26
350	24	19	14	6	3	0	-2	0	3	0
360	-3	-8	-9	-8	-9	-12	-13	-15	-15	-14
370	-8	-5	0	5	-9	-8	-4	-3	-3	-3
380	0	4	3	3	3	5	5	2	0	1
390	-8	-9	-6	-4	-3	0	3	10	14	12
400	12	17	24	25	22	19	17	16	16	13
410	11	10	14	17	20	25	25	24	21	14
420	7	0	-4	-5	-5	-4	-4	-4	-2	-6
430	-6	-8	-9	-10	-9	-12	-17	-20	-21	-23
440	-23	-25	-29	-32	-39	-31	-15	-12	-10	-8
450	-6	-5	-6	-10	-12	-12	-12	-10	-4	-2
460	7	13	13	13	14	15	14	14	14	14
470	15	18	22	24	28	27	27	27	24	20
480	18	19	17	17	8	-4	-12	-12	-13	-14

TO BE CONTINUED

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
490	-14	-19	-15	-12	-8	-7	-10	-8	-6	-2
500	-2	-5	-2	4	12	19	23	23	21	21
510	19	19	17	18	20	20	20	18	16	19
520	18	15	12	9	10	9	5	2	-1	-1
530	-2	-4	-9	-15	-21	-25	-28	-39	-28	-25
540	-23	-20	-17	-17	-15	-12	-7	-4	-3	-2
550	-1	-1	-2	8	12	16	20	22	25	26
560	27	31	42	49	49	49	51	49	45	43
570	42	38	30	32	10	-4	-4	-21	-27	-32
580	-33	-33	-33	-39	-22	-14	-14	-14	-12	-12
590	-12	-14	-13	-14	-12	-7	-6	-5	9	26
600	41	49	54	54	46	46	51	56	54	44
610	33	21	14	4	-13	-28	-41	-45	-44	44
620	-46	-15	-13	-39	-37	-36	-34	-36	-34	-36
630	-37	-36	-36	-37	-37	-32	-26	-18	-9	4
640	18	29	36	37	35	34	34	36	34	30
650	26	23	19	15	10	4	1	1	-4	-12
660	-19	-23	-23	-24	-26	-27	-26	-24	-24	-24
670	-27	-31	-33	-32	-29	-23	-17	-12	-9	-7
680	-5	2	9	18	25	26	28	26	29	31
690	28	27	25	26	30	34	33	32	33	32
700	30	32	17	9	-6	-17	-22	-20	-16	-22
710	-27	-26	-26	-26	-22	-20	-20	-18	-14	-14
720	-17	-21	-20	-17	-16	-17	-15	-12	-5	-3
730	0	4	5	0	-2	-5	-6	-1	-1	3
740	11	19	24	27	36	48	52	52	55	57
750	55	50	42	40	44	44	45	41	38	39
760	40	38	35	30	24	17	10	5	1	-5
770	-6	-10	-21	-27	-30	-34	-36	-36	-33	-30
780	-28	-26	-28	-32	-32	-29	-22	-17	-16	-12
790	-8	-6	0	4	7	10	10	9	8	11
800	15	16	17	16	18	18	18	13	3	-8
810	-11	-17	-22	-23	-22	-18	-19	-19	-24	-24
820	-27	-26	-19	-22	-22	-26	-26	-26	-25	-24
830	-24	-24	-24	-24	-16	-9	-6	-2	0	3
840	1	6	10	11	14	18	18	22	24	24
850	24	24	21	20	20	13	9	4	3	1
860	-1	-1	-2	-7	-11	-12	-12	-15	-20	-21
870	-21	-21	-18	-16	-16	-13	-11	-10	-9	-10
880	-14	-19	-21	-18	-13	-7	1	13	24	31
890	35	41	46	48	44	43	45	46	45	41
900	34	32	31	29	26	19	13	13	8	-3
910	-10	-17	-17	-14	-13	-14	-16	-17	-17	-17
920	-18	-21	-20	-18	-16	-14	-15	-17	-16	-8
930	-5	-6	-4	-6	-8	0	2	2	8	2
940	0	2	3	10	8	8	8	8	2	0
950	0	-4	-7	-7	-11	-21	-22	-27	-27	-27
960	-33	-44	-52	-57	-58	-56	-49	-44	-38	-34
970	-32	-31	-27	-22	-11	0	2	7	5	1
980	4	5	3	1	0	0	1	4	6	4
990	1	0	-2	-5	-7	-9	-11	-14	-17	-17
1000	-17	-17	-17	-24	-24	-30	-31	-29	-27	-25
1010	-24	-25	-25	-24	-20	-13	-6	0	13	25
1020	36	43	45	44	43	47	49	47	43	44

TO BE CONTINUED

CONTINUED ( S-1069 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1030	40	34	27	25	28	24	23	27	29	29
1040	31	32	32	33	31	28	26	32	36	34
1050	36	37	28	23	16	11	9	11	9	4
1060	-3	-10	-14	-16	-17	-18	-18	-14	-9	-13
1070	-19	-21	-18	-15	-10	-10	-10	-11	-8	-7
1080	-10	-13	-10	-8	-7	-11	-10	-3	-6	-7
1090	-6	-7	-8	-12	-16	-14	-13	-13	-16	-16
1100	-18	-24	-31	-36	-42	-47	-54	-55	-46	-39
1110	-35	-31	-27	-25	-22	-18	-17	-17	-16	-13
1120	-8	-4	-1	4	13	21	29	34	34	35
1130	35	33	32	27	18	11	6	3	4	6
1140	10	13	12	11	7	2	-2	-7	-10	-9
1150	-6	-3	1	3	6	2	-2	-5	-7	-4
1160	0	3	9	17	23	29	27	32	32	32
1170	32	29	29	24	22	19	18	15	17	22
1180	23	29	28	25	22	16	12	9	9	6
1190	8	7	11	12	15	14	13	12	14	13
1200	8	6	10	14	14	14	15	12	18	17
1210	8	7	11	13	16	17	16	17	14	14
1220	8	8	4	-1	-4	-5	-6	-5	-6	-6
1230	11	8	4	-3	0	-1	-4	-3	4	4
1240	-10	-15	-22	-34	-41	-40	-38	-34	-31	-30
1250	-12	-11	-1	2	4	2	0	-6	-11	-16
1260	-23	-28	-30	-29	-30	-32	-38	-41	-43	-43
1270	-7	8	7	-4	-4	0	7	7	8	8
1280	16	17	13	10	12	11	10	14	20	18
1290	5	9	9	8	6	0	-6	-16	-23	-20
1300	-23	-26	-23	-23	-31	-34	-35	-35	-36	-36
1310	-34	-35	-29	-23	-19	-14	-11	-3	2	8
1320	20	25	34	43	49	56	55	53	56	61
1330	66	70	74	64	59	54	46	40	33	31
1340	28	24	20	19	20	21	21	20	21	21
1350	23	24	25	26	34	41	44	44	36	31
1360	27	16	17	23	30	36	40	44	45	44
1370	43	42	43	46	49	50	46	43	42	37
1380	32	26	23	20	16	12	12	10	1	-5
1390	-12	-23	-25	-31	-42	-51	-55	-52	-51	-50
1400	-49	-49	-52	-51	-50	-51	-50	-49	-35	-63
1410	-68	-72	-68	-68	-65	-59	-56	-52	-45	-43
1420	-45	-47	-45	-44	-48	-51	-49	-46	-43	-43
1430	-44	-41	-32	-25	-21	-19	-21	-20	-23	-24
1440	-24	-23	-24	-19	-15	-11	-10	-10	-10	-2
1450	5	16	24	32	35	44	46	46	46	44
1460	43	44	45	46	44	43	40	37	38	40
1470	38	33	30	26	24	23	24	24	20	16
1480	12	8	6	5	5	3	0	0	0	0
1490	-1	-3	-4	-6	-9	-10	-14	-14	-16	-16
1500	-23	-29	-37	-44	-42	-39	-33	-35	-14	-8
1510	-6	0	-3	-11	-15	-22	-22	-22	-21	-22
1520	-17	-14	-16	-11	-10	12	15	21	22	22
1530	22	20	18	20	22	21	24	16	16	16
1540	12	9	5	0	-1	-6	-7	-10	-9	-10
1550	-10	-8	-2	0	4	6	13	19	19	19
1560	13	7	4	4	2	0	-2	1	0	2

TO BE CONTINUED

CONTINUED ( S-1069 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
1570	7	15	17	17	15	16	16	14	9	5
1580	5	1	0	2	2	6	8	14	9	7
1590	4	3	2	1	0	0	0	-1	-3	-5
1600	-5	-4	-1	0	-2	-5	-7	-8	-4	-5
1610	-5	-1	1	3	5	7	6	4	4	8
1620	11	15	18	17	16	13	13	13	13	16
1630	17	17	21	22	33	41	41	38	40	38
1640	35	34	31	24	21	14	8	1	0	4
1650	14	-22	-27	-26	-26	-25	-27	-27	-29	-29
1660	-39	-30	-36	-36	-36	-36	-36	-36	-36	-36
1670	-33	-29	-24	-21	-20	-18	-16	-16	-16	-16
1680	-16	-12	-19	-17	-14	-14	-14	-13	-12	-12
1690	-12	-11	-12	-11	-11	-12	-14	-13	-12	-12
1700	-28	-28	-26	-24	-22	-17	-9	-1	3	4
1710	5	4	2	0	0	0	0	3	5	4
1720	8	11	14	15	12	12	12	14	16	20
1730	21	25	32	38	37	40	40	40	43	40
1740	39	46	50	53	53	51	51	51	48	44
1750	44	41	38	38	38	37	40	40	40	40
1760	36	36	36	33	31	27	19	11	2	-3
1770	0	-22	-23	-23	-24	-24	-24	-23	-23	-23
1780	-22	-22	-20	-19	-19	-17	-17	-17	-19	-19
1790	-12	-8	-6	-2	-2	-1	0	1	1	2
1800	1	2	3	3	3	5	7	5	3	2
1810	2	-5	-4	-4	-4	-4	-4	-5	-7	-12
1820	-2	-5	-4	-4	-4	-4	-4	-4	-4	-4
1830	-17	-21	-23	-24	-24	-24	-23	-23	-24	-24
1840	-24	-26	-30	-30	-30	-30	-30	-30	-30	-29
1850	-27	-26	-24	-23	-18	-18	-17	-10	-10	-9
1860	-9	-9	-9	-9	-5	-2	-2	-3	-4	-4
1870	3	3	1	-3	0	0	0	0	3	2
1880	3	2	0	-5	-6	-6	-7	-3	-5	-6
1890	-10	-7	-9	-11	-16	-17	-16	-17	-16	-17
1900	-14	-9	-9	-9	-9	-7	-8	-6	-3	0
1910	-1	0	3	3	5	5	3	5	7	7
1920	5	4	5	5	8	13	17	20	20	22
1930	27	29	28	26	22	19	18	18	17	18
1940	20	20	18	10	15	14	11	9	9	9
1950	8	7	6	4	4	4	4	3	2	4
1960	4	4	6	5	4	4	4	3	4	4
1970	-6	-14	-15	-17	-19	-18	-17	-13	-15	-12
1980	-9	-11	-6	-6	-6	-6	-5	-3	-6	-8
1990	-2	-1	0	-2	-4	-2	-3	-2	-6	-8
2000	-7	-9	-5	-5	-9	-12	-13	-12	-15	-12
2010	-7	-4	-3	-3	-7	-5	-6	-8	-11	-12
2020	-11	-11	-10	-11	-9	-9	-9	-8	-5	-3
2030	-4	-5	0	3	2	1	1	1	2	1
2040	1	4	4	5	5	5	7	7	4	5
2050	5	4	4	6	6	5	5	6	4	0
2060	-2	0	0	-3	-4	-4	-4	-3	-3	-3
2070	-2	-1	-1	-3	-5	-5	-4	-1	0	3
2080	4	5	10	10	9	8	9	13	15	15
2090	15	20	20	20	20	25	25	25	25	25
2100	25	28	28	34	36	40	40	37	42	41

TO BE CONTINUED

CONTINUED ( S-1069 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
2110	38	35	31	30	31	27	27	27	28	25
2120	22	24	24	25	21	21	21	15	14	11
2130	10	6	2	-1	-7	-8	-14	-15	-15	-15
2140	-15	-17	-18	-16	-15	-21	-28	-32	-33	-33
2150	-35	-37	-37	-38	-38	-41	-44	-47	-49	-44
2160	-53	-56	-58	-60	-61	-61	-63	-65	-64	-64
2170	-64	-64	-68	-74	-74	-72	-72	-70	-67	-67
2180	-64	-64	-59	-58	-58	-54	-50	-51	-46	-46
2190	-44	-43	-36	-31	-23	-16	-14	-10	-8	-6
2200	-6	-5	0	4	4	9	14	16	18	23
2210	23	23	26	26	30	30	30	33	31	31
2220	36	33	36	36	37	37	40	37	40	37
2230	37	36	31	28	27	24	23	24	24	24
2240	18	18	18	14	14	7	-4	-5	-2	-6
2250	-9	-9	-8	-5	-4	-3	-1	0	1	2
2260	4	4	3	3	6	7	8	8	10	10
2280	11	13	16	18	21	22	21	21	21	21
2290	21	20	27	24	24	23	22	21	19	18
2300	18	17	14	13	12	9	7	5	3	-1
2310	-6	-11	-11	-14	-16	-13	-14	-15	-13	-15
2320	-14	-14	-12	-11	-11	-11	-11	-11	-10	-11
2330	-6	-8	-8	-9	-13	-14	-14	-15	-18	-18
2340	-16	-19	-19	-20	-18	-16	-17	-19	-20	-20
2350	-20	-20	-19	-14	-14	-13	-12	-8	-3	0
2360	3	7	6	6	10	8	11	10	12	12
2370	15	16	15	15	15	17	18	18	21	20
2380	20	21	22	21	22	24	26	28	29	29
2390	27	26	28	29	29	32	33	32	34	33
2400	34	32	31	30	30	30	29	28	24	23
2410	25	25	22	17	14	12	12	10	8	-6
2420	5	6	5	0	0	0	-3	-2	-8	-8
2430	-4	-8	-8	-11	-11	-11	-13	-13	-13	-13
2440	-17	-17	-17	-17	-17	-17	-17	-18	-22	-21
2450	-21	-21	-21	-21	-21	-21	-21	-21	-20	-21
2460	-21	-19	-18	-19	-20	-22	-21	-20	-22	-22
2470	-21	-18	-17	-20	-21	-24	-27	-29	-27	-28
2480	-29	-29	-29	-29	-28	-28	-29	-26	-25	-26
2490	-28	-29	-26	-26	-23	-21	-20	-16	-14	-14
2500	-17	-11	-11	-11	-9	-6	-4	-1	6	13
2510	15	18	19	20	22	23	23	23	23	23
2520	23	23	23	23	23	23	23	25	27	27
2530	27	27	28	30	30	31	34	33	33	33
2540	33	33	33	33	33	32	32	32	29	29
2550	29	27	24	23	20	20	18	16	16	16
2560	19	19	19	16	17	18	19	18	19	18
2570	19	18	18	16	16	9	12	10	6	6
2580	5	5	4	4	1	-3	-3	-3	-3	-6
2590	-9	-9	-10	-9	-10	-13	-14	-17	-16	-16
2600	-17	-17	-18	-18	-20	-25	-24	-25	-26	-27
2610	-27	-23	-22	-23	-22	-23	-24	-24	-25	-26
2620	-26	-27	-29	-29	-28	-28	-27	-26	-28	-30
2630	-30	-31	-33	-36	-36	-35	-35	-37	-40	-40
2640	-40	-40	-40	-40	-40	-43	-46	-46	-48	-48

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1069 DOWN )

CONTINUED ( S-1069 DOWN )

NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
3190	-4	-4	-5	-5	-5	-5	-5	-10	-9	-11
3200	-12	-12	-12	-12	-12	-12	-12	-10	-8	-8
3210	-9	-9	-9	-9	-10	-10	-10	-11	-11	-11
3220	-12	-11	-12	-10	-13	-10	-8	-9	-10	-9
3230	-8	-6	-3	-4	-2	-3	-3	-1	0	0
3240	1	2	3	5	8	11	12	14	15	15
3250	15	16	18	17	16	21	22	24	26	26
3260	26	25	26	25	25	26	25	24	24	24
3270	24	25	19	23	22	20	20	18	18	18
3280	20	18	17	16	15	16	18	16	16	16
3290	12	12	8	6	8	4	5	4	3	1
3300	1	0	-2	-3	-7	-10	-12	-13	-11	-11
3310	-11	-12	-12	-12	-11	-12	-12	-12	-11	-11
3320	-12	-12	-12	-12	-12	-11	-11	-12	-12	-12
3330	-10	-10	-9	-9	-9	-9	-9	-9	-10	-10
3340	-10	-11	-10	-9	-8	-9	-11	-11	-11	-11
3350	-12	-11	-11	-11	-11	-12	-12	-11	-8	-9
3360	-10	-9	-10	-8	-7	-5	-6	-5	-6	-5
3370	1	2	2	1	1	5	5	6	13	13
3380	22	13	15	15	15	16	17	17	20	18
3390	23	23	23	22	22	24	24	26	26	26
3400	30	30	30	30	30	30	28	29	27	28
3410	27	26	26	27	28	25	27	25	23	20
3420	18	19	19	16	15	13	10	6	4	4
3430	3	2	0	-2	-4	-6	-8	-10	-13	-13
3440	-14	-14	-14	-15	-17	-17	-18	-19	-20	-21
3450	-21	-22	-24	-24	-24	-25	-26	-26	-25	-24
3460	-24	-26	-25	-24	-23	-23	-20	-20	-21	-20
3470	-20	-19	-18	-16	-16	-15	-14	-14	-15	-15
3480	-13	-13	-12	-12	-11	-13	-12	-8	-8	-8
3490	-7	-8	-9	-8	-9	-9	-9	-9	-8	-8
3500	-10	-13	-11	-11	-11	-15	-15	-15	-13	-13
3510	-13	-13	-13	-13	-13	-13	-13	-10	-8	-7
3520	-5	0	-5	-4	-4	-7	-6	-7	-6	-4
3530	-1	0	0	0	0	0	0	2	2	2
3540	1	1	3	4	4	4	4	3	3	4
3550	4	4	5	6	6	7	7	7	6	6
3560	8	11	12	13	13	12	12	12	11	11
3570	11	12	14	14	14	20	20	19	18	18
3580	19	22	24	24	24	23	27	19	21	21
3590	22	24	25	22	22	19	17	17	18	18
3600	15	15	13	10	9	7	6	6	6	6
3610	6	6	5	5	5	5	5	5	4	4
3620	6	6	6	6	6	6	7	7	6	6
3630	5	4	4	4	4	5	9	10	10	10
3640	11	12	13	13	14	13	13	13	13	13
3650	12	13	15	15	14	14	13	12	13	13
3660	13	13	13	14	16	14	12	11	10	10
3670	9	9	9	9	8	8	6	4	3	2
3680	2	1	0	0	-1	-4	-3	-2	-3	-3
3690	-7	-7	-7	-8	-8	-9	-10	-10	-9	-11
3700	-13	-13	-15	-16	-16	-16	-16	-14	-14	-14
3710	-21	-22	-25	-24	-23	-23	-23	-23	-24	-24
3720	-22	-22	-21	-21	-21	-22	-22	-21	-22	-22

TO BE CONTINUED

TO BE CONTINUED

CONTINUED ( S-1069 DOWN )										CONTINUED ( S-1069 DOWN )											
NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )	NO.	( 1 )	( 2 )	( 3 )	( 4 )	( 5 )	( 6 )	( 7 )	( 8 )	( 9 )	( 10 )
4270	-10	-8	-7	-5	-4	-4	-5	-9	-5	-4	4810	0	-1	1	0	0	0	0	0	0	0
4280	-2	-5	0	0	1	1	-1	2	6	8	4820	0	0	4	5	2	2	0	0	0	0
4290	0	1	1	1	1	1	1	1	1	1	4830	2	1	0	3	0	0	0	0	0	0
4300	8	7	8	11	11	11	12	11	11	11	4840	1	0	1	1	1	0	0	0	0	0
4310	11	12	11	15	15	15	17	17	17	17	4850	-3	-4	-5	-2	-4	-4	-4	-4	-5	-5
4320	17	17	17	17	17	17	17	17	17	17	4860	-3	-3	-3	-3	-4	-4	-4	-4	-4	-4
4330	17	17	17	17	16	15	14	12	9	7	4870	-5	-5	-4	-4	-4	-5	-4	-4	-4	-4
4340	8	7	8	8	7	7	6	6	7	7	4880	-4	-3	-1	0	0	0	0	0	0	0
4350	8	11	6	3	3	1	1	1	1	1	4890	3	3	3	3	3	3	3	3	3	3
4360	1	4	3	1	1	1	1	1	0	0	4900	3	3	3	3	3	3	3	3	3	3
4370	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	4910	6	5	6	8	11	12	12	12	12	12
4380	0	2	2	2	1	1	1	1	2	2	4920	10	12	13	13	13	14	16	16	16	16
4390	3	4	4	5	5	5	6	7	7	6	4930	15	15	14	12	10	8	9	12	13	13
4400	7	7	7	7	7	5	4	4	3	1	4940	12	13	14	14	11	9	9	8	8	8
4410	1	0	0	0	0	0	0	0	0	1	4950	8	5	2	2	1	2	2	2	2	1
4420	1	0	1	1	-1	-1	-1	-1	-2	-2	4960	-4	-3	-2	-2	-2	-2	-3	-3	-3	-1
4430	-3	-3	-3	-3	-2	-2	-2	-2	-2	-2	4970	-5	-5	-5	-5	-6	-6	-6	-6	-6	-5
4440	-2	-2	-2	-2	-1	0	0	0	0	0	4980	-15	-15	-14	-13	-13	-12	-12	-12	-12	-10
4450	0	0	0	0	1	0	0	0	0	0	4990	-12	-12	-12	-12	-10	-9	-8	-9	-9	-8
4460	0	0	0	0	0	0	0	0	0	0	5000	-8	-7	-7	-8	-7	-7	-7	-7	-7	-7
4470	4	6	6	6	5	5	5	4	3	4	5010	-8	-7	-8	-8	-7	-7	-7	-7	-7	-7
4480	5	5	4	2	1	1	0	0	0	-1	5020	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
4490	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	5030	-3	-2	-2	-2	-2	-2	-2	-2	-2	-2
4500	0	0	0	0	0	0	0	0	0	0	5040	0	0	0	0	0	0	0	0	0	0
4510	0	0	0	0	0	0	0	0	0	0	5050	0	0	0	0	1	0	0	0	0	0
4520	-5	-6	-6	-6	-6	-6	-6	-6	-6	-6	5060	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
4530	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	5070	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
4540	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5	5080	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
4550	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5	5090	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
4560	0	0	0	0	0	0	0	0	0	0	5100	4	5	4	4	5	7	7	8	10	10
4570	2	3	4	3	4	4	4	4	4	4	5110	11	10	9	9	9	11	11	10	11	11
4580	5	4	3	3	3	3	3	3	3	3	5120	10	10	14	14	14	15	14	15	14	14
4590	2	3	3	3	3	3	3	3	3	3	5130	14	12	12	12	8	8	4	5	4	1
4600	2	0	1	0	0	0	0	0	0	0	5140	0	0	0	0	-2	-2	-2	-2	-2	-2
4610	-1	-2	-1	-2	-2	-2	-2	-2	-2	-2	5150	-5	-6	-5	-8	-8	-8	-8	-9	-9	-5
4620	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	5160	-14	-13	-14	-14	-14	-14	-14	-14	-14	-14
4630	-13	-12	-10	-10	-11	-11	-11	-11	-11	-11	5170	-14	-14	-14	-13	-13	-14	-13	-13	-13	-11
4640	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	5180	-9	-8	-8	-8	-8	-8	-7	-7	-7	-6
4650	0	0	3	3	3	3	3	3	3	3	5190	-6	-5	-5	-5	-5	-5	-4	-4	-4	0
4660	7	7	7	8	8	8	8	8	8	8											
4670	14	11	16	17	17	17	17	17	17	17											
4680	17	17	17	17	17	17	17	17	17	17											
4690	21	22	22	20	20	20	20	20	20	20											
4700	19	15	13	13	13	13	13	13	13	13											
4710	8	6	6	5	4	4	4	4	4	4											
4720	6	4	3	3	1	0	1	3	3	2											
4730	0	0	0	0	-1	-1	-1	-1	-1	-1											
4740	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6											
4750	-13	-12	-12	-12	-12	-12	-12	-12	-12	-12											
4760	-17	-17	-15	-18	-18	-17	-17	-17	-17	-17											
4770	-17	-12	-14	-14	-14	-14	-14	-14	-14	-14											
4780	-8	-8	-10	-9	-6	-6	-2	-2	-2	-2											
4790	-2	1	3	0	1	0	-2	-2	-2	-2											
4800	-5	-8	-9	-10	-11	-6	-5	-5	-5	-5											

END

TO BE CONTINUED

港湾技研資料 No.317

1979. 3

監 修 運輸省港湾技術研究所

発 行 所 運輸省港湾技術研究所  
横須賀市長瀬3丁目1番1号

印 刷 所 株式会社 東京プリント